

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011325\  
 Data File : BF141123.D  
 Acq On : 13 Jan 2025 11:11  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 13 11:43:20 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 22:54:19 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 162479   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 618982   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 333177   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 540934   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 313187   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.457 | 264  | 308567   | 20.000 | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 788945   | 75.011 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.445  | 99   | 995184   | 74.697 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.387  | 82   | 914017   | 78.275 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 301613   | 79.449 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.181  | 172  | 1652773  | 75.751 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 1613689  | 76.582 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.540  | 88   | 174876   | 37.337 | ng    | 99       |
| 3) Pyridine                   | 3.281  | 79   | 421513   | 36.699 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.234  | 42   | 212170   | 37.780 | ng    | 99       |
| 6) Aniline                    | 6.487  | 93   | 447049   | 37.794 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.604  | 128  | 427260   | 37.863 | ng    | 99       |
| 9) Benzaldehyde               | 6.369  | 77   | 279430   | 35.611 | ng    | 99       |
| 10) Phenol                    | 6.463  | 94   | 530056   | 37.166 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.557  | 93   | 400431   | 37.675 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 474758   | 37.723 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.840  | 146  | 489123   | 38.567 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.992  | 146  | 448906   | 37.946 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.963  | 79   | 369231   | 38.376 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 548448   | 36.978 | ng    | 99       |
| 17) 2-Methylphenol            | 7.069  | 107  | 345976   | 37.977 | ng    | 99       |
| 18) Hexachloroethane          | 7.334  | 117  | 178569   | 38.935 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.234  | 70   | 291083   | 37.090 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.222  | 107  | 435001   | 37.847 | ng    | 98       |
| 22) Acetophenone              | 7.234  | 105  | 561189   | 38.138 | ng    | 100      |
| 24) Nitrobenzene              | 7.404  | 77   | 470340   | 38.648 | ng    | 99       |
| 25) Isophorone                | 7.639  | 82   | 777928   | 38.983 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.722  | 139  | 224883   | 40.622 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.751  | 122  | 290792   | 38.943 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.851  | 93   | 482927   | 38.561 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 351328   | 39.615 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 394484   | 38.915 | ng    | 99       |
| 31) Naphthalene               | 8.128  | 128  | 1269336  | 38.886 | ng    | 100      |
| 32) Benzoic acid              | 7.863  | 122  | 293165   | 40.927 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.175  | 127  | 434221   | 38.464 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 245631   | 40.214 | ng    | 99       |
| 35) Caprolactam               | 8.545  | 113  | 112742   | 38.830 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.651  | 107  | 384257   | 39.618 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 807900   | 38.840 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 789314   | 38.503 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.981  | 216  | 370580   | 38.752 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.969  | 237  | 133936   | 42.810 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 249680   | 38.713 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011325\  
 Data File : BF141123.D  
 Acq On : 13 Jan 2025 11:11  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

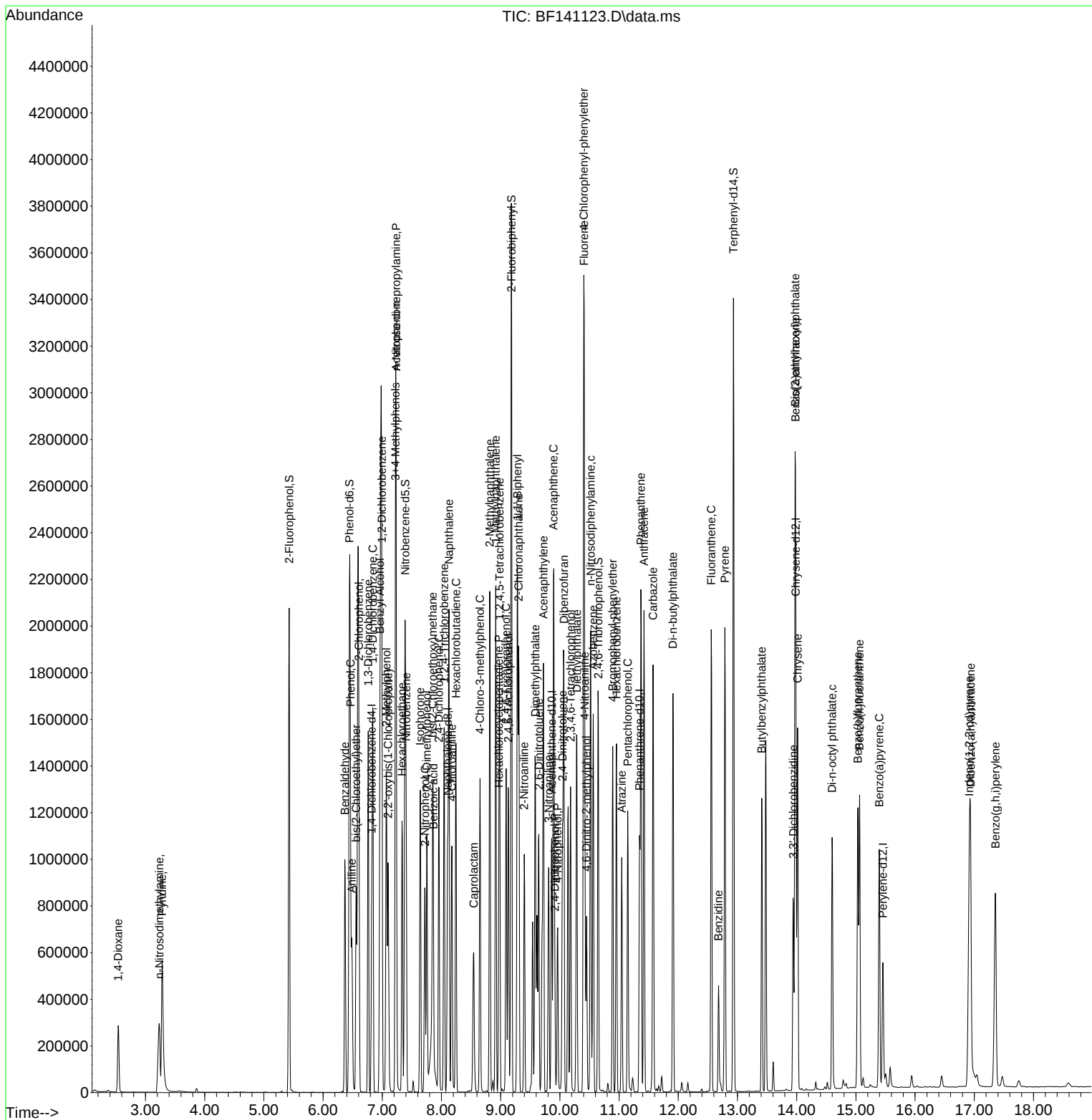
Instrument :  
 BNA\_F  
 ClientSampleId :

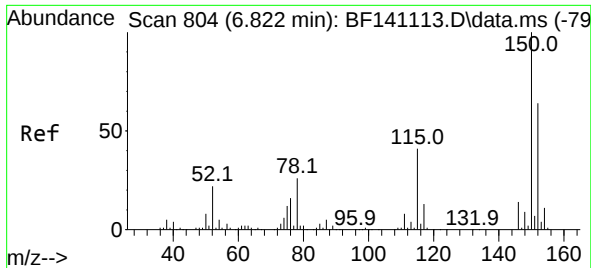
Quant Time: Jan 13 11:43:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:54:19 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.128  | 196  | 267118   | 39.216 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.281  | 154  | 984136   | 38.035 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.304  | 162  | 769924   | 38.204 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.398  | 65   | 231909   | 38.820 | ng    | 99       |
| 49) Acenaphthylene            | 9.722  | 152  | 1095374  | 38.043 | ng    | 100      |
| 50) Dimethylphthalate         | 9.586  | 163  | 863280   | 38.595 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 206348   | 39.671 | ng    | 98       |
| 52) Acenaphthene              | 9.892  | 154  | 776334   | 38.593 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.810  | 138  | 206117   | 38.995 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.916  | 184  | 98705    | 39.923 | ng    | 90       |
| 55) Dibenzofuran              | 10.069 | 168  | 1049891  | 38.371 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.963  | 139  | 161014   | 38.896 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.045 | 165  | 264415   | 39.446 | ng    | 98       |
| 58) Fluorene                  | 10.410 | 166  | 804066   | 37.825 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232  | 225086   | 39.755 | ng    | 99       |
| 60) Diethylphthalate          | 10.286 | 149  | 853298   | 39.077 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 398783   | 38.491 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 200105   | 38.679 | ng    | 96       |
| 63) Azobenzene                | 10.563 | 77   | 818835   | 38.003 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 136740   | 43.623 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 696928   | 39.944 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 255184   | 40.975 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 281294   | 40.575 | ng    | 100      |
| 69) Atrazine                  | 11.045 | 200  | 167564   | 35.668 | ng    | 99       |
| 70) Pentachlorophenol         | 11.145 | 266  | 187585   | 42.252 | ng    | 99       |
| 71) Phenanthrene              | 11.369 | 178  | 1159199  | 39.916 | ng    | 100      |
| 72) Anthracene                | 11.422 | 178  | 1121447  | 39.714 | ng    | 100      |
| 73) Carbazole                 | 11.575 | 167  | 1027268  | 39.675 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 1210038  | 40.836 | ng    | 100      |
| 75) Fluoranthene              | 12.557 | 202  | 1146760  | 39.571 | ng    | 99       |
| 77) Benzidine                 | 12.680 | 184  | 244443   | 42.088 | ng    | 99       |
| 78) Pyrene                    | 12.786 | 202  | 1135116  | 37.947 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 392413   | 39.346 | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 802852   | 37.667 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.945 | 252  | 252118   | 37.148 | ng    | 99       |
| 83) Chrysene                  | 14.016 | 228  | 734753   | 36.842 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 491024   | 41.033 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 722072   | 39.959 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.915 | 276  | 905133   | 40.039 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.033 | 252  | 724560   | 36.415 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.063 | 252  | 705967   | 41.984 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 644858   | 39.281 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.939 | 278  | 737375   | 40.328 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.356 | 276  | 773644   | 40.679 | ng    | 99       |

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

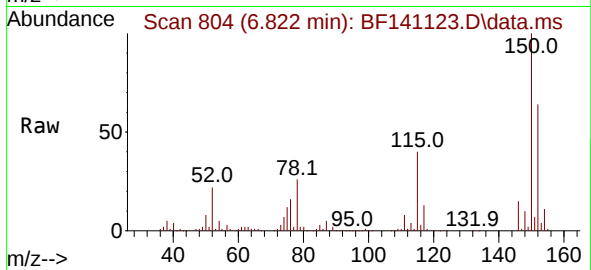
Quant Time: Jan 13 11:43:20 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 10 22:54:19 2025  
Response via : Initial Calibration



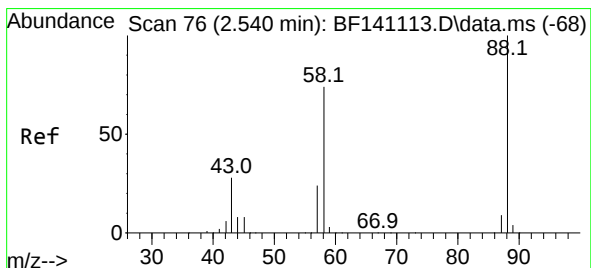
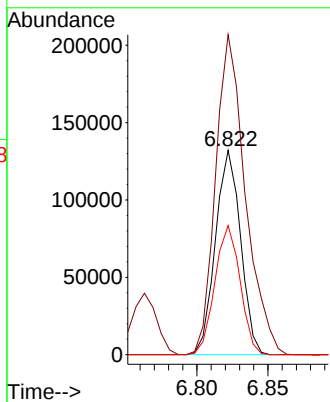
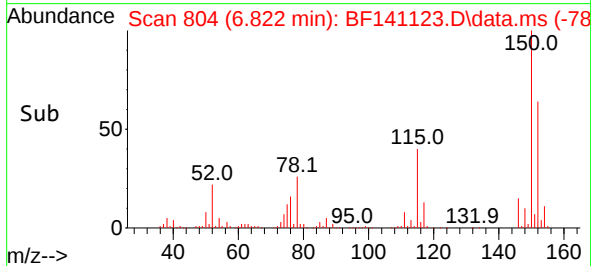


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.822 min Scan# 804  
 Delta R.T. -0.000 min  
 Lab File: BF141123.D  
 Acq: 13 Jan 2025 11:11

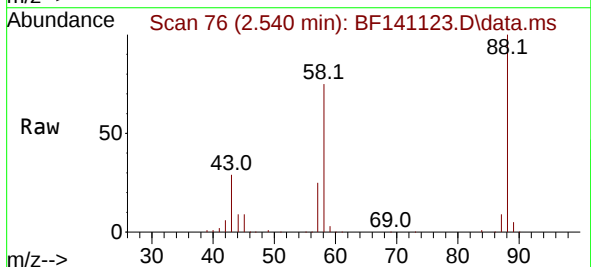
Instrument :  
 BNA\_F  
 ClientSampleId :



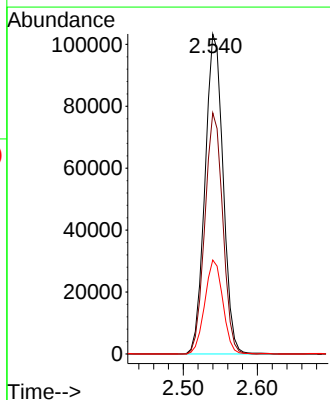
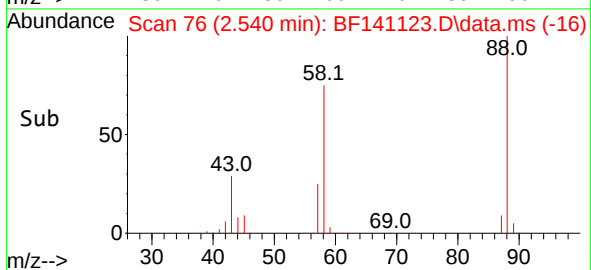
Tgt Ion:152 Resp: 162479  
 Ion Ratio Lower Upper  
 152 100  
 150 156.7 125.8 188.8  
 115 63.3 51.4 77.2

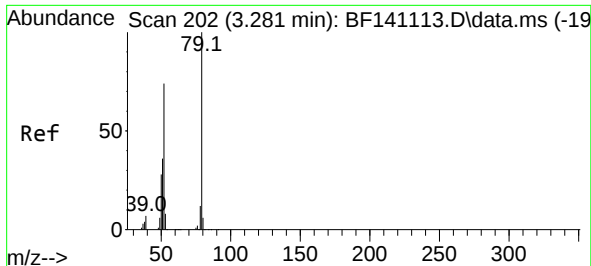


#2  
 1,4-Dioxane  
 Concen: 37.337 ng  
 RT: 2.540 min Scan# 76  
 Delta R.T. -0.000 min  
 Lab File: BF141123.D  
 Acq: 13 Jan 2025 11:11



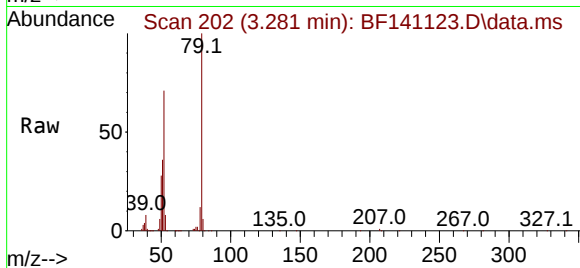
Tgt Ion: 88 Resp: 174876  
 Ion Ratio Lower Upper  
 88 100  
 58 74.4 60.1 90.1  
 43 29.3 23.1 34.7



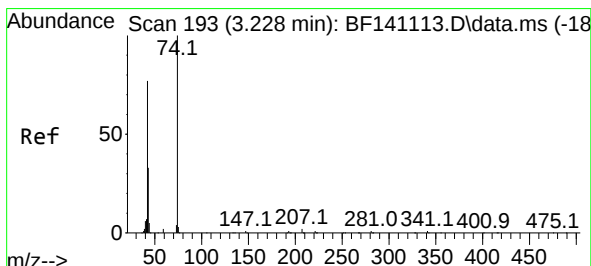
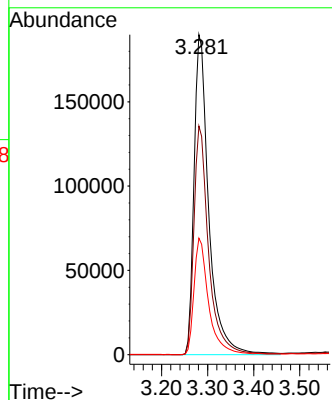
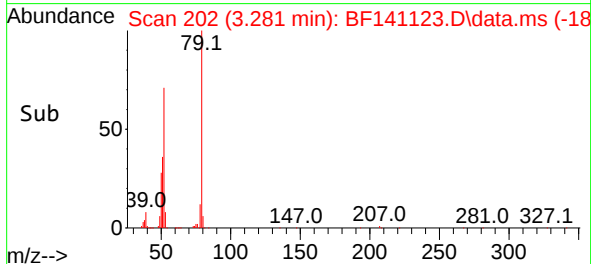


#3  
Pyridine  
Concen: 36.699 ng  
RT: 3.281 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

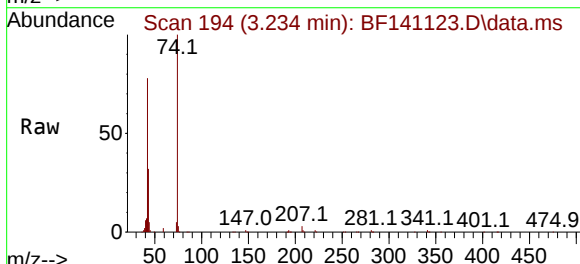
Instrument :  
BNA\_F  
ClientSampleId :



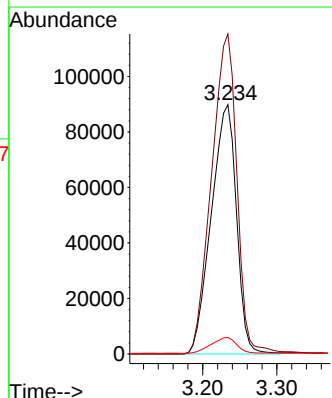
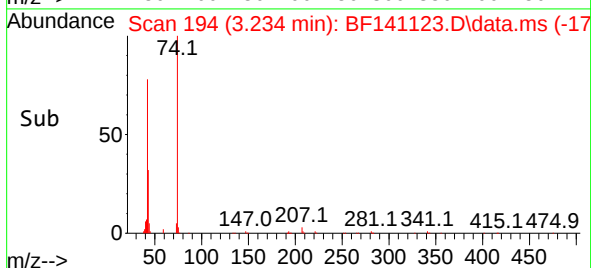
Tgt Ion: 79 Resp: 421513  
Ion Ratio Lower Upper  
79 100  
52 71.5 58.9 88.3  
51 36.4 29.1 43.7

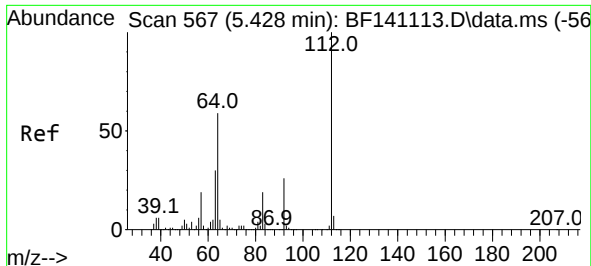


#4  
n-Nitrosodimethylamine  
Concen: 37.780 ng  
RT: 3.234 min Scan# 194  
Delta R.T. 0.006 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11



Tgt Ion: 42 Resp: 212170  
Ion Ratio Lower Upper  
42 100  
74 128.3 103.8 155.6  
44 6.6 5.3 7.9

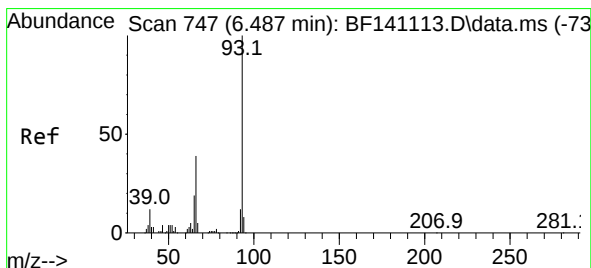
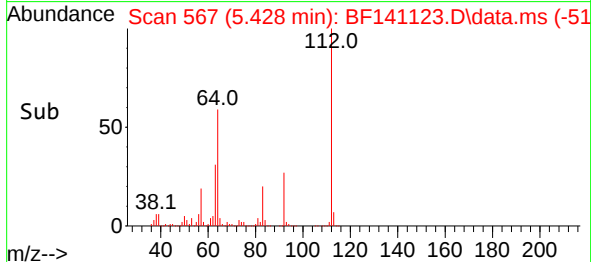
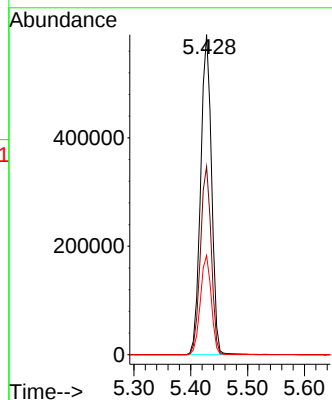
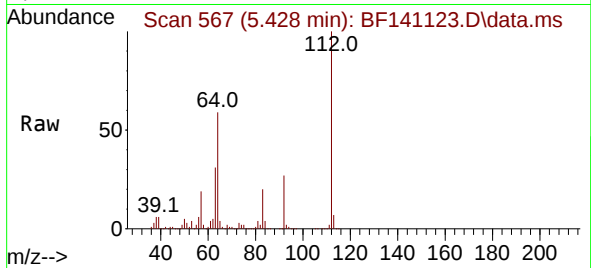




#5  
2-Fluorophenol  
Concen: 75.011 ng  
RT: 5.428 min Scan# 567  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

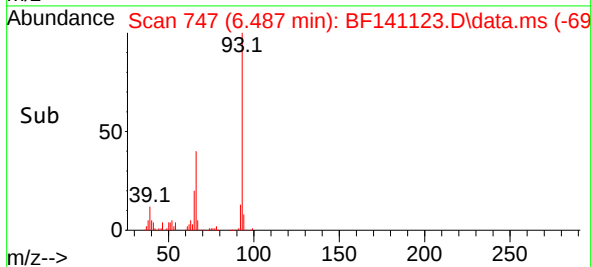
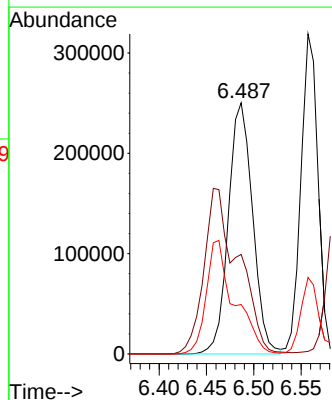
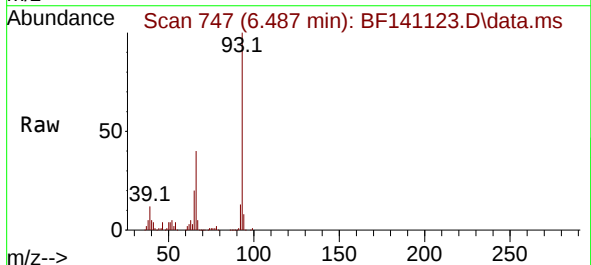
Instrument :  
BNA\_F  
ClientSampleId :

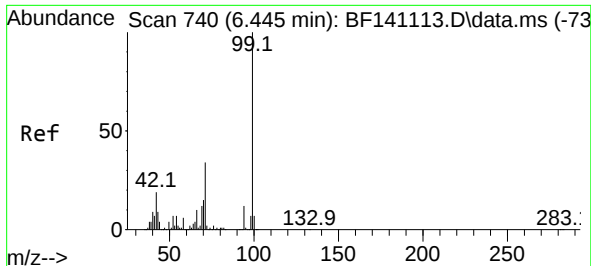
Tgt Ion:112 Resp: 788945  
Ion Ratio Lower Upper  
112 100  
64 58.8 47.3 70.9  
63 31.0 24.2 36.2



#6  
Aniline  
Concen: 37.794 ng  
RT: 6.487 min Scan# 747  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion: 93 Resp: 447049  
Ion Ratio Lower Upper  
93 100  
66 39.6 31.5 47.3  
65 19.7 15.3 22.9

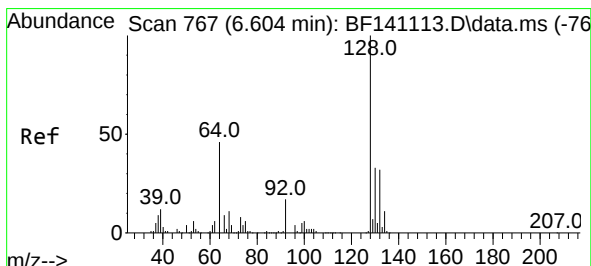
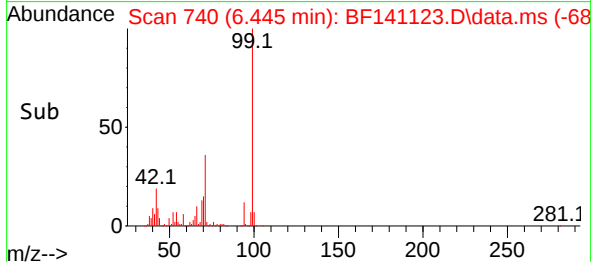
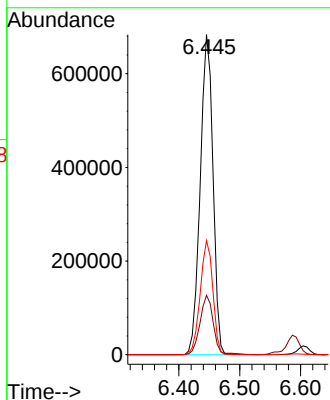
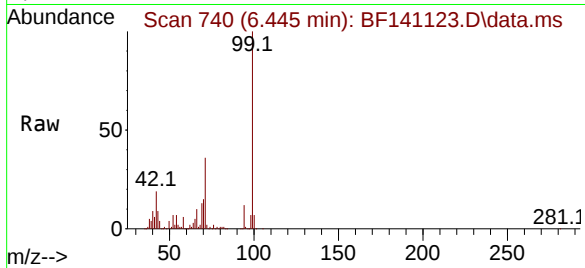




#7  
Phenol-d6  
Concen: 74.697 ng  
RT: 6.445 min Scan# 740  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

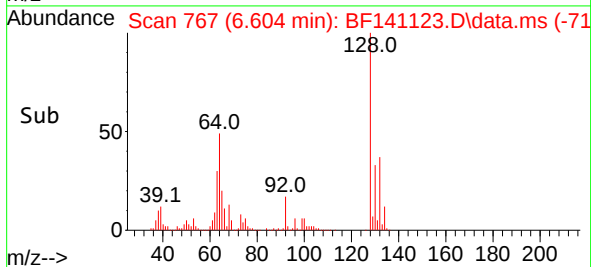
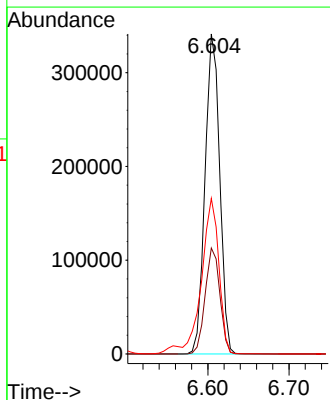
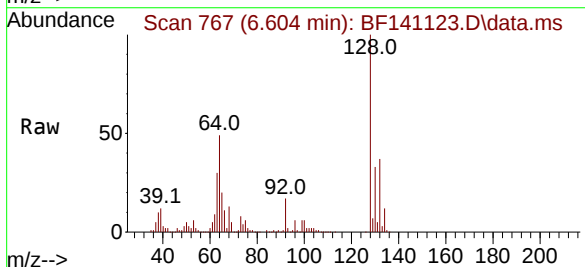
Instrument :  
BNA\_F  
ClientSampleId :

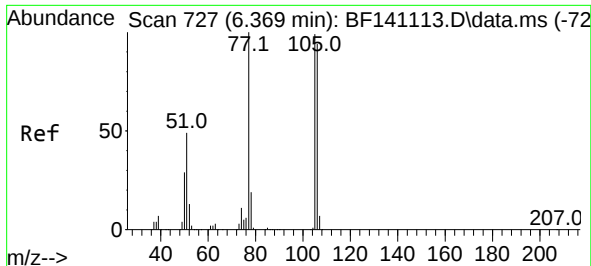
Tgt Ion: 99 Resp: 995184  
Ion Ratio Lower Upper  
99 100  
42 18.6 15.0 22.4  
71 35.7 27.6 41.4



#8  
2-Chlorophenol  
Concen: 37.863 ng  
RT: 6.604 min Scan# 767  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:128 Resp: 427260  
Ion Ratio Lower Upper  
128 100  
130 33.1 12.5 52.5  
64 48.6 28.3 68.3

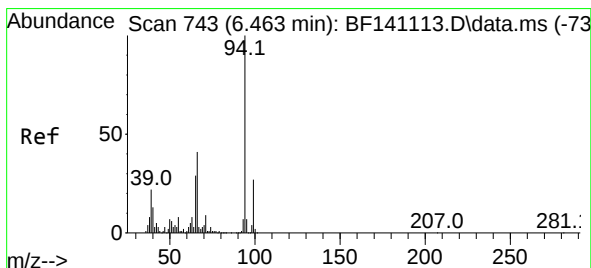
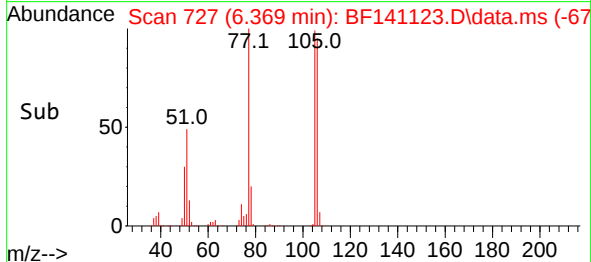
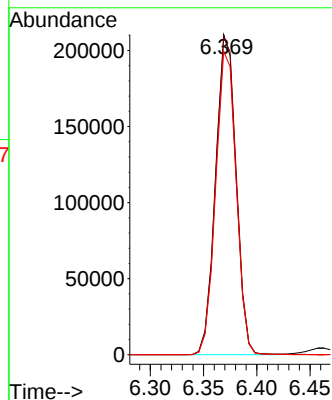
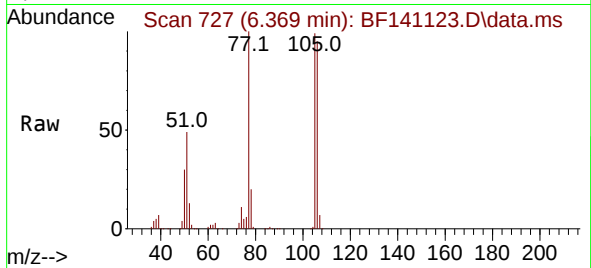




#9  
Benzaldehyde  
Concen: 35.611 ng  
RT: 6.369 min Scan# 727  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

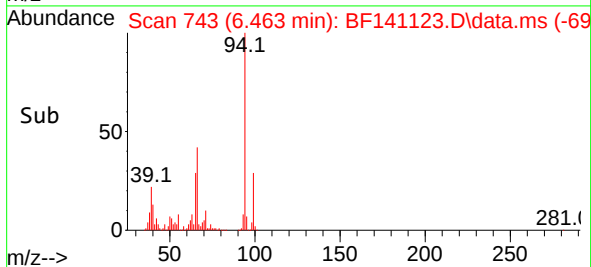
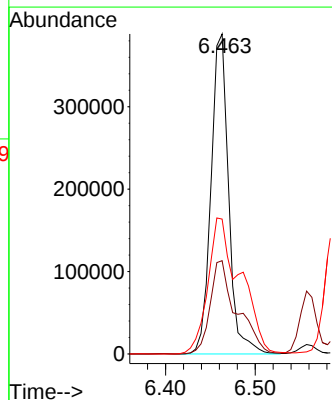
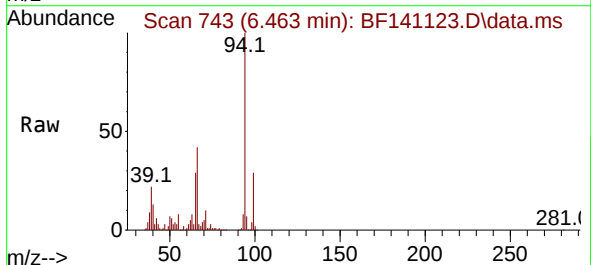
Instrument :  
BNA\_F  
ClientSampleId :

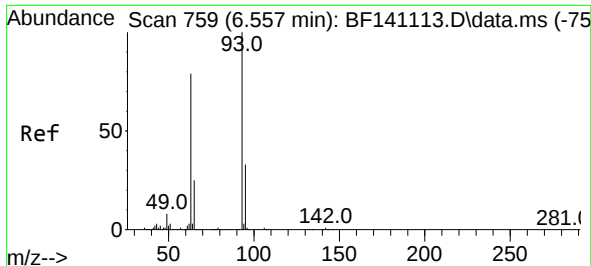
Tgt Ion: 77 Resp: 279430  
Ion Ratio Lower Upper  
77 100  
105 99.5 78.9 118.9  
106 94.8 73.6 113.6



#10  
Phenol  
Concen: 37.166 ng  
RT: 6.463 min Scan# 743  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion: 94 Resp: 530056  
Ion Ratio Lower Upper  
94 100  
65 29.2 8.9 48.9  
66 42.2 21.2 61.2

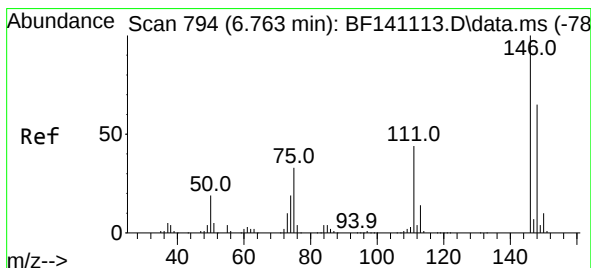
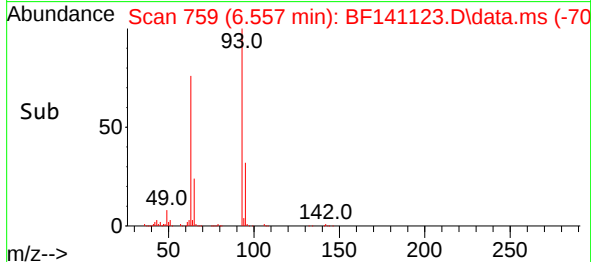
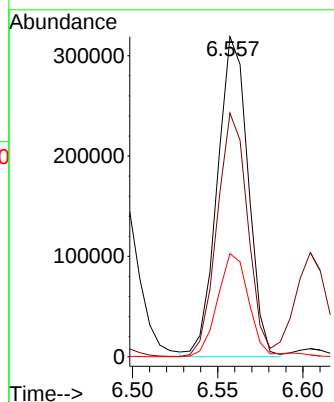
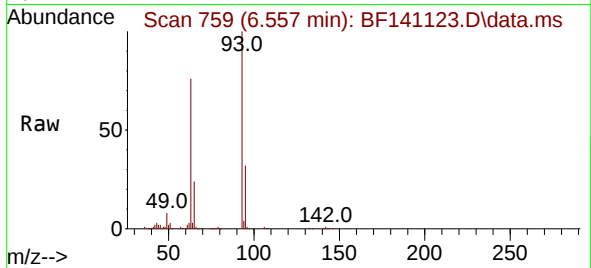




#11  
bis(2-Chloroethyl)ether  
Concen: 37.675 ng  
RT: 6.557 min Scan# 759  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

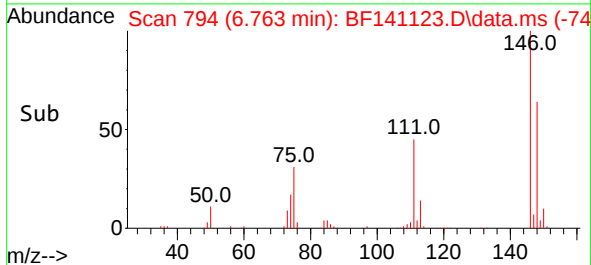
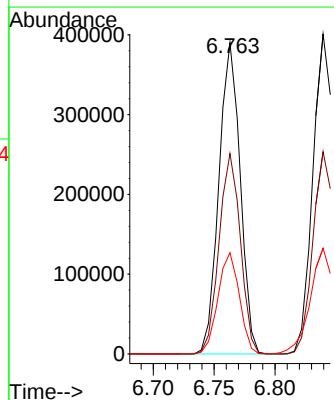
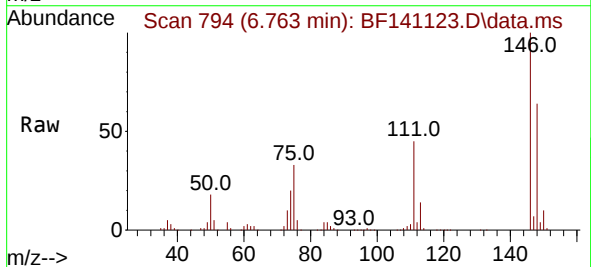
Instrument :  
BNA\_F  
ClientSampleId :

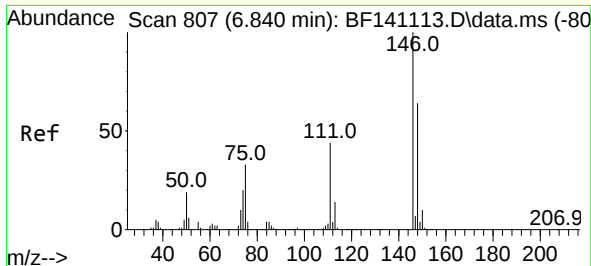
Tgt Ion: 93 Resp: 400431  
Ion Ratio Lower Upper  
93 100  
63 76.1 58.0 98.0  
95 32.2 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 37.723 ng  
RT: 6.763 min Scan# 794  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:146 Resp: 474758  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.6 77.4  
75 32.5 26.2 39.2





#13

1,4-Dichlorobenzene

Concen: 38.567 ng

RT: 6.840 min Scan# 807

Delta R.T. -0.000 min

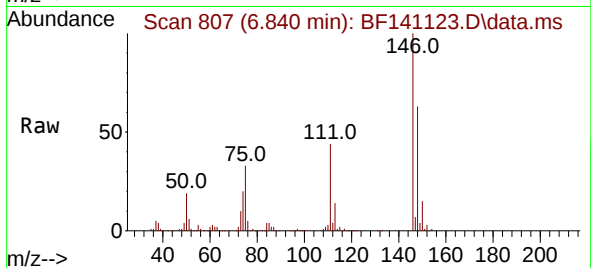
Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :



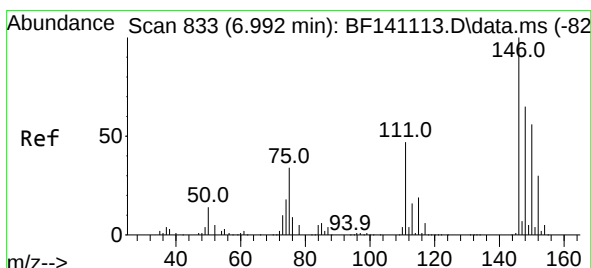
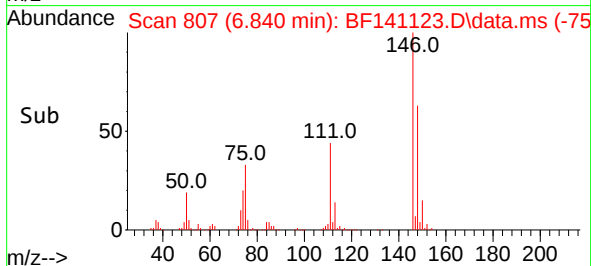
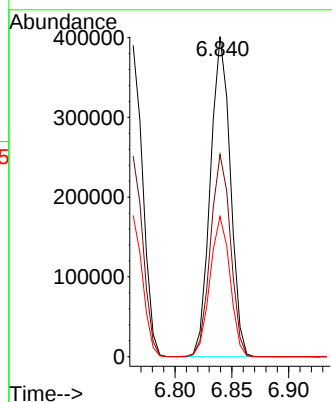
Tgt Ion:146 Resp: 489123

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

111 43.8 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 37.946 ng

RT: 6.992 min Scan# 833

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

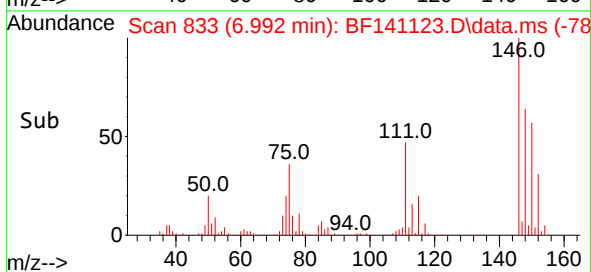
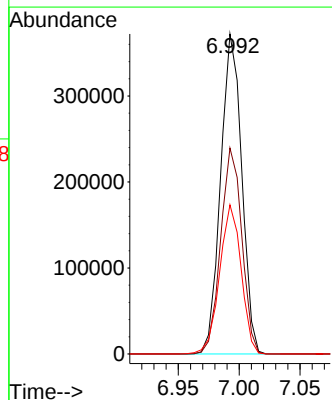
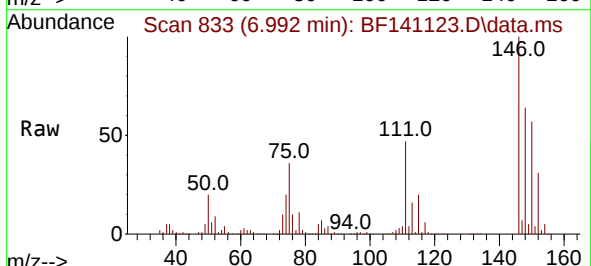
Tgt Ion:146 Resp: 448906

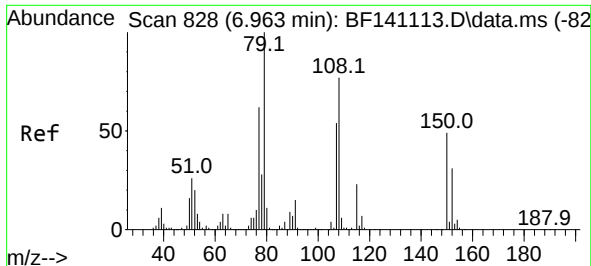
Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.4

111 46.6 37.5 56.3

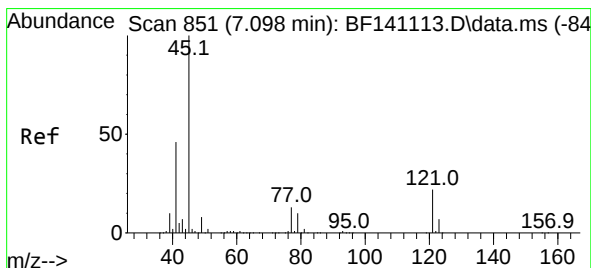
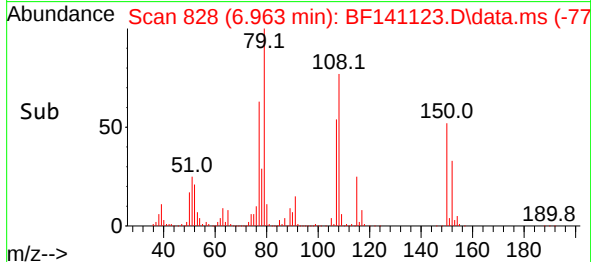
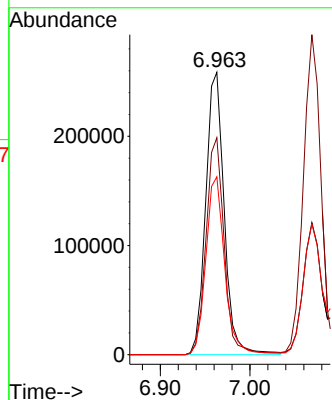
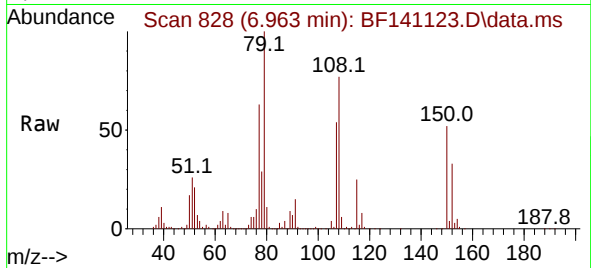




#15  
Benzyl Alcohol  
Concen: 38.376 ng  
RT: 6.963 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

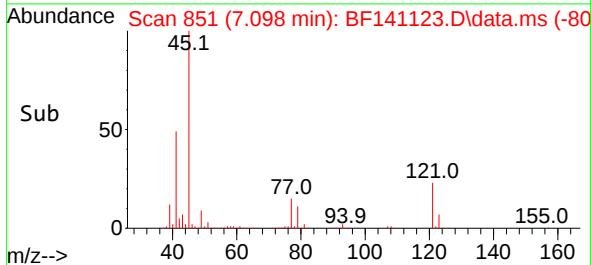
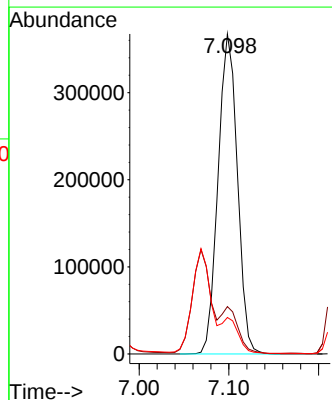
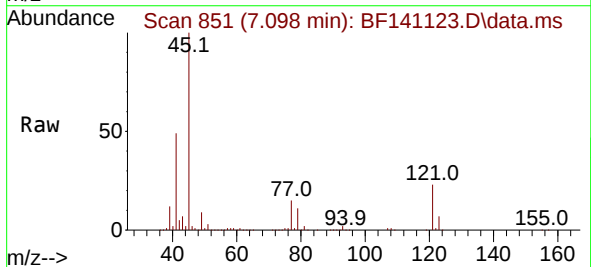
Instrument :  
BNA\_F  
ClientSampleId :

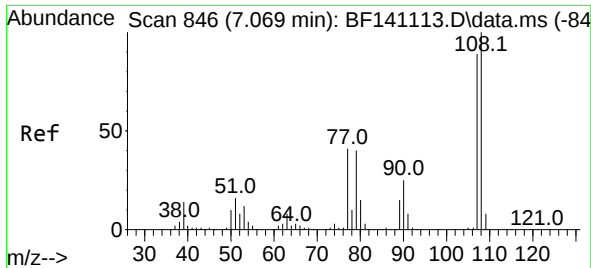
Tgt Ion: 79 Resp: 369231  
Ion Ratio Lower Upper  
79 100  
108 76.9 61.4 92.0  
77 63.0 49.8 74.6



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 36.978 ng  
RT: 7.098 min Scan# 851  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

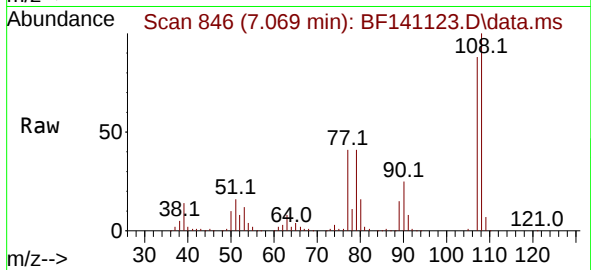
Tgt Ion: 45 Resp: 548448  
Ion Ratio Lower Upper  
45 100  
77 14.8 0.0 34.1  
79 11.4 0.0 31.0



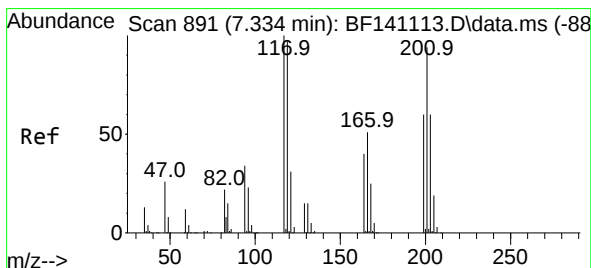
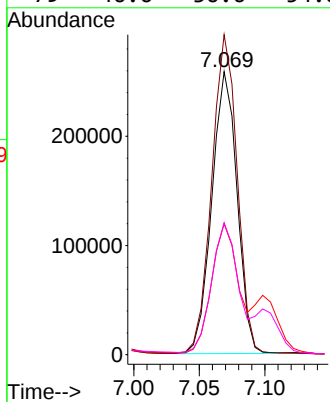
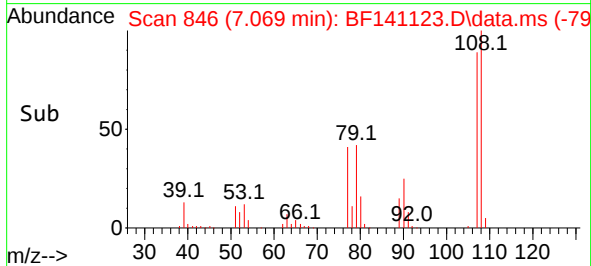


#17  
2-Methylphenol  
Concen: 37.977 ng  
RT: 7.069 min Scan# 846  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Instrument :  
BNA\_F  
ClientSampleId :

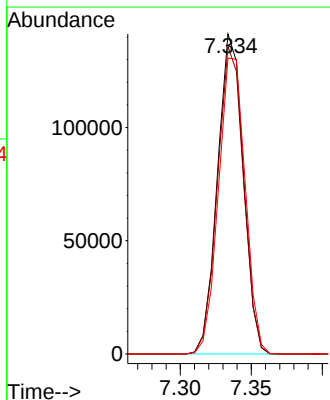
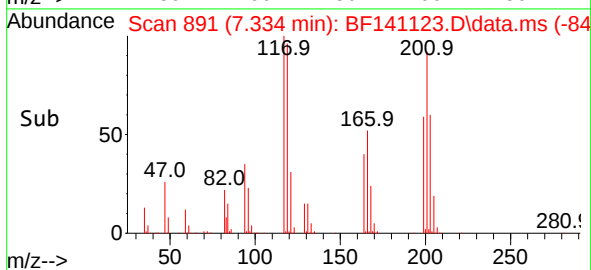
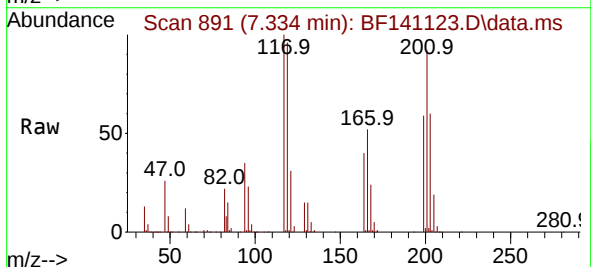


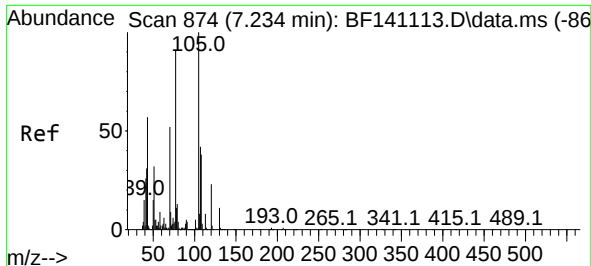
Tgt Ion:107 Resp: 345976  
Ion Ratio Lower Upper  
107 100  
108 113.0 90.1 135.1  
77 46.2 36.6 55.0  
79 46.6 36.6 54.8



#18  
Hexachloroethane  
Concen: 38.935 ng  
RT: 7.334 min Scan# 891  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

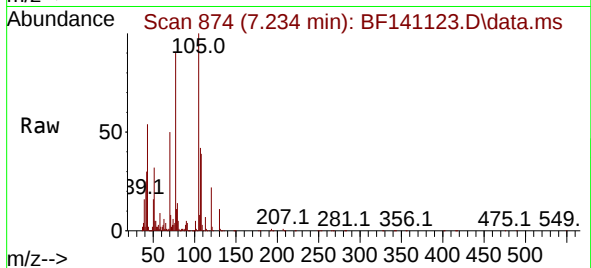
Tgt Ion:117 Resp: 178569  
Ion Ratio Lower Upper  
117 100  
119 96.1 77.6 116.4  
201 92.5 75.1 112.7



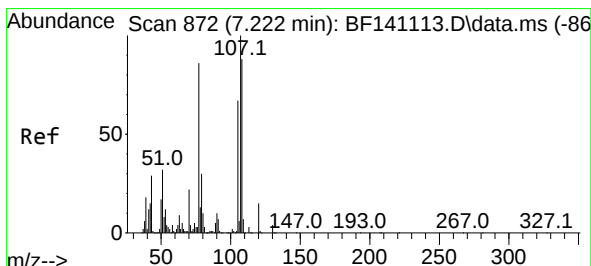
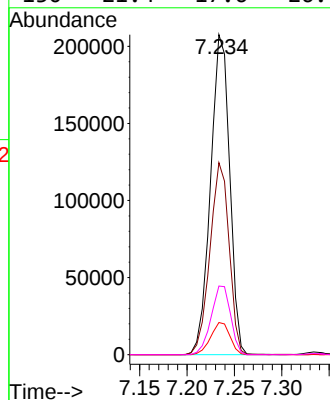
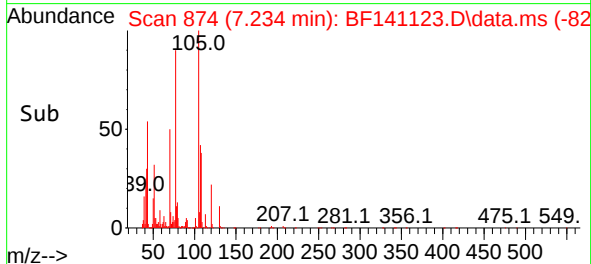


#19  
n-Nitroso-di-n-propylamine  
Concen: 37.090 ng  
RT: 7.234 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

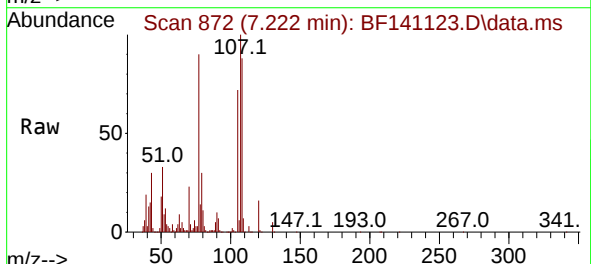
Instrument :  
BNA\_F  
ClientSampleId :



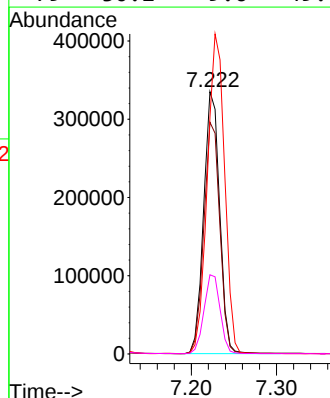
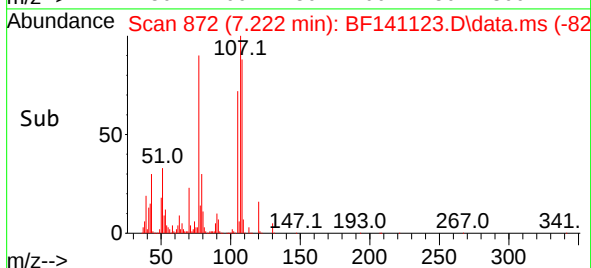
Tgt Ion: 70 Resp: 291083  
Ion Ratio Lower Upper  
70 100  
42 60.0 47.8 71.6  
101 10.1 7.9 11.9  
130 21.4 17.6 26.4

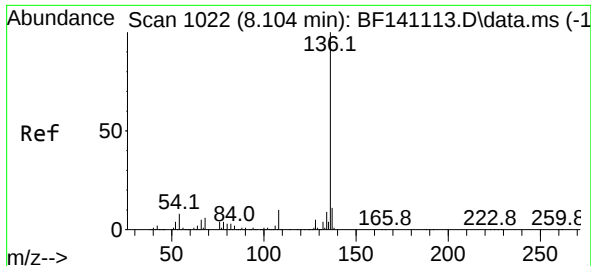


#20  
3+4-Methylphenols  
Concen: 37.847 ng  
RT: 7.222 min Scan# 872  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11



Tgt Ion: 107 Resp: 435001  
Ion Ratio Lower Upper  
107 100  
108 88.3 68.3 108.3  
77 90.3 66.4 106.4  
79 30.2 9.6 49.6

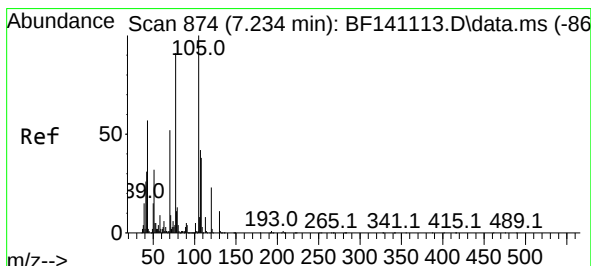
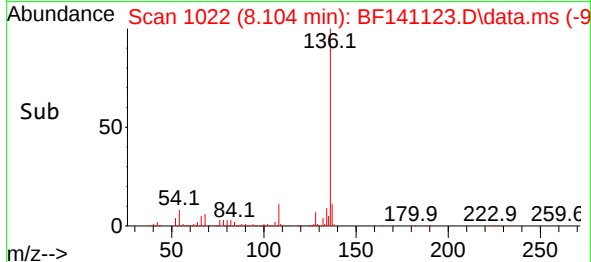
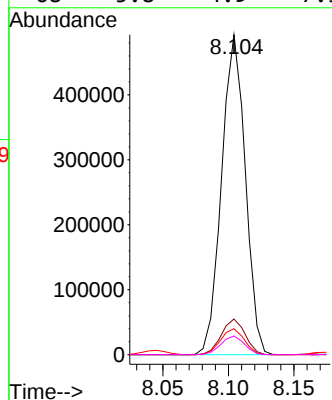
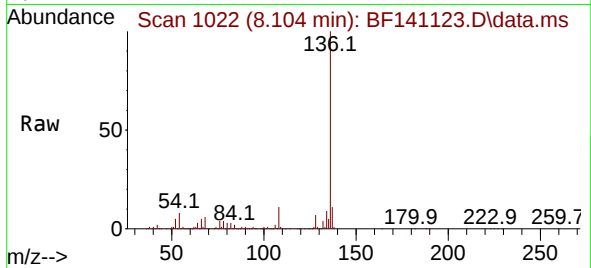




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

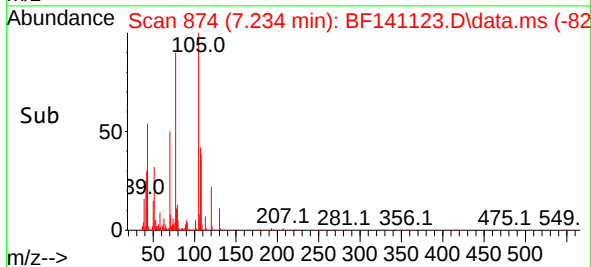
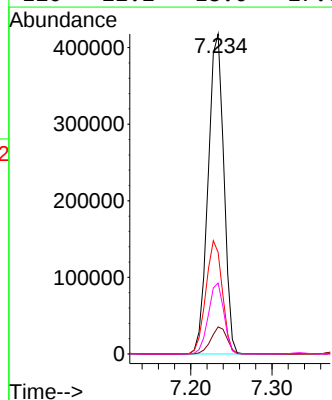
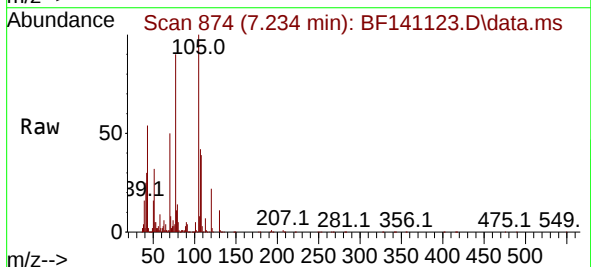
Instrument :  
BNA\_F  
ClientSampleId :

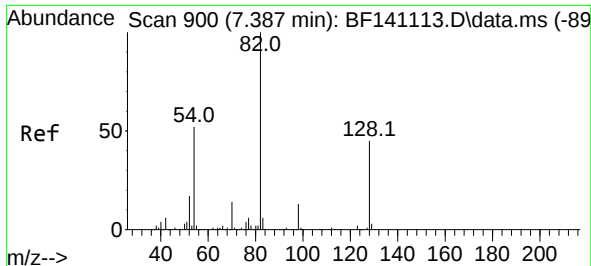
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 618982 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.2  | 8.8   | 13.2   |
| 54        | 8.1   | 6.3   | 9.5    |
| 68        | 5.8   | 4.9   | 7.3    |



#22  
Acetophenone  
Concen: 38.138 ng  
RT: 7.234 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 561189 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 8.4   | 7.1   | 10.7   |
| 51        | 31.8  | 25.4  | 38.2   |
| 120       | 22.2  | 18.0  | 27.0   |





#23

Nitrobenzene-d5

Concen: 78.275 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :

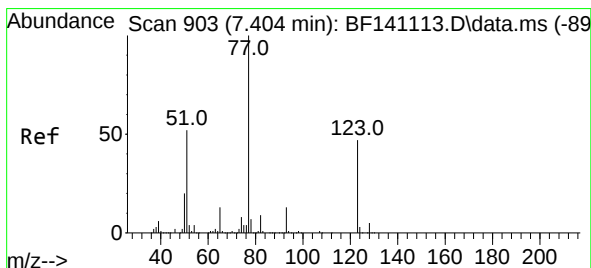
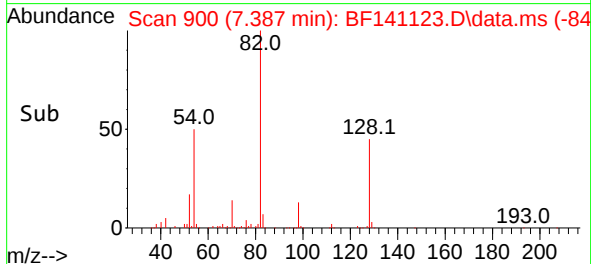
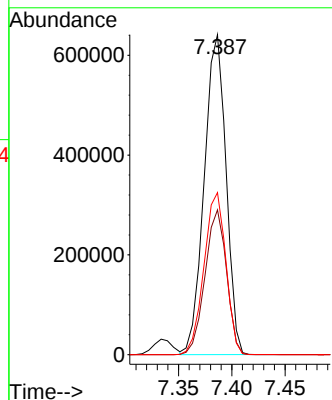
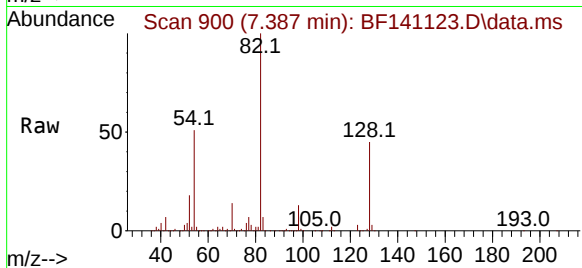
Tgt Ion: 82 Resp: 914017

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

54 50.6 41.0 61.4



#24

Nitrobenzene

Concen: 38.648 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

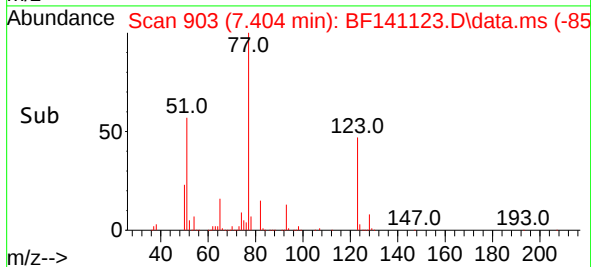
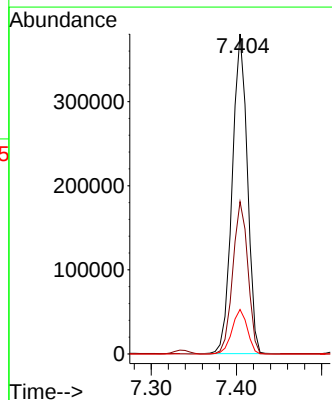
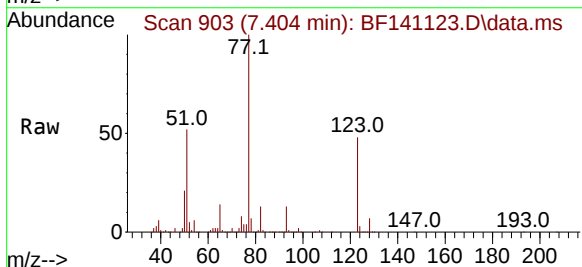
Tgt Ion: 77 Resp: 470340

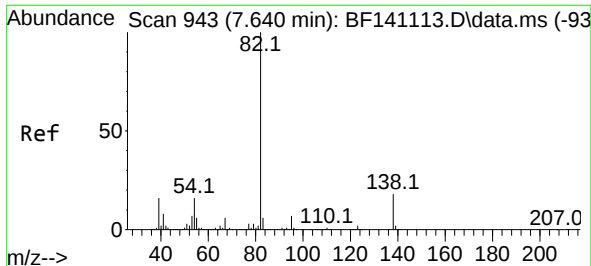
Ion Ratio Lower Upper

77 100

123 47.6 37.7 56.5

65 13.9 10.6 16.0

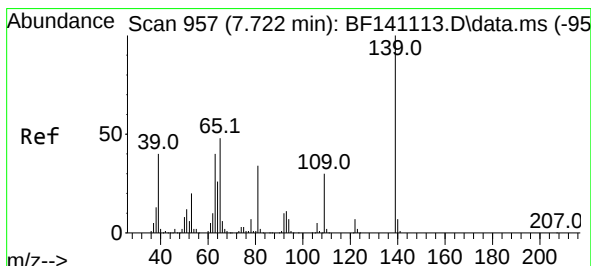
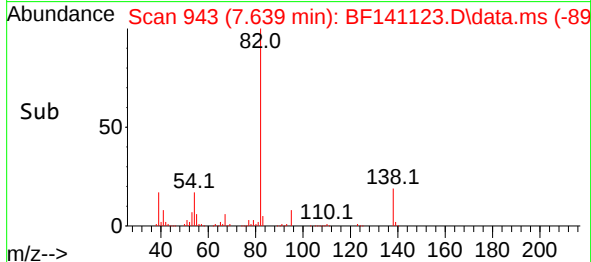
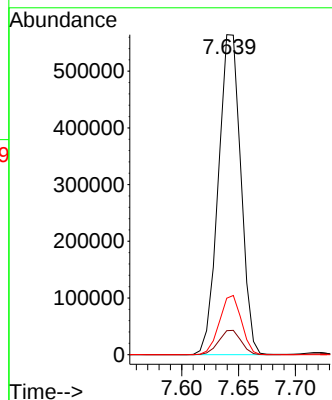
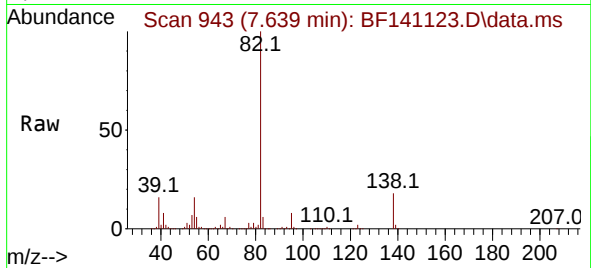




#25  
Isophorone  
Concen: 38.983 ng  
RT: 7.639 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

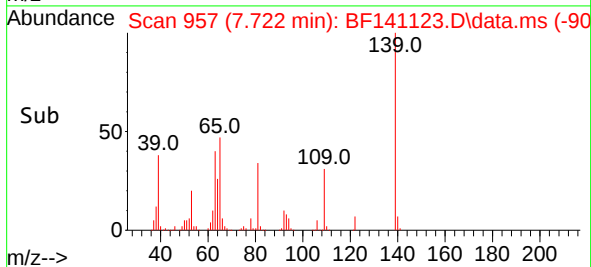
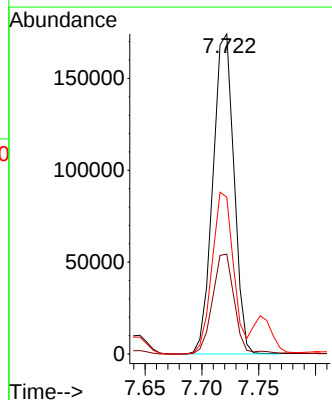
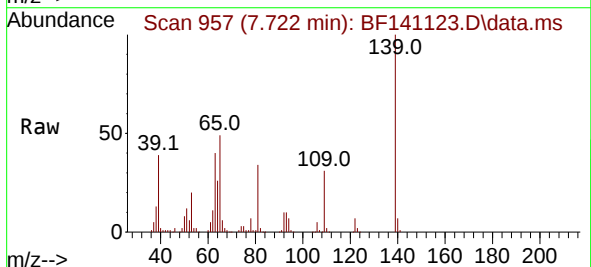
Instrument :  
BNA\_F  
ClientSampleId :

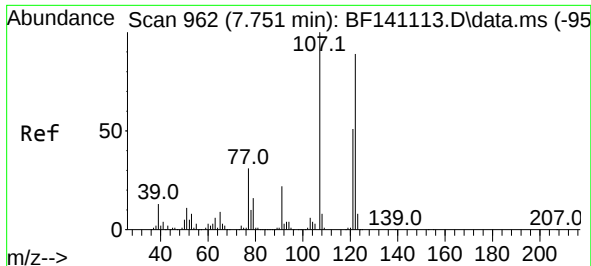
Tgt Ion: 82 Resp: 777928  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.9 8.9  
138 17.7 14.2 21.2



#26  
2-Nitrophenol  
Concen: 40.622 ng  
RT: 7.722 min Scan# 957  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:139 Resp: 224883  
Ion Ratio Lower Upper  
139 100  
109 31.2 23.8 35.6  
65 49.0 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 38.943 ng

RT: 7.751 min Scan# 90

Delta R.T. -0.000 min

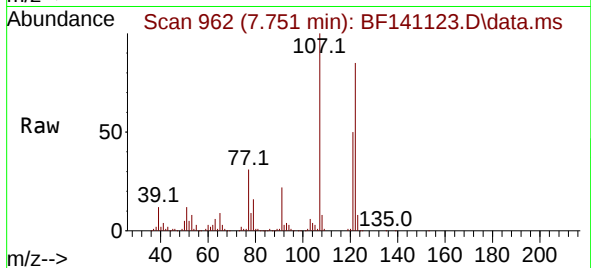
Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :



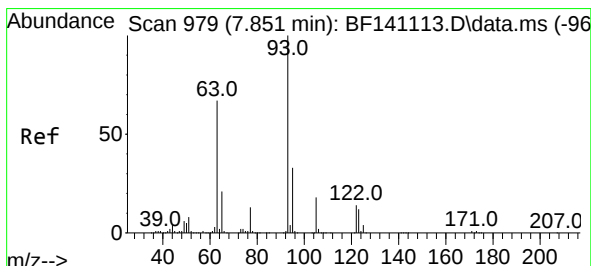
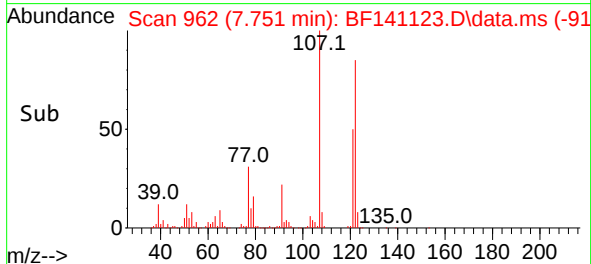
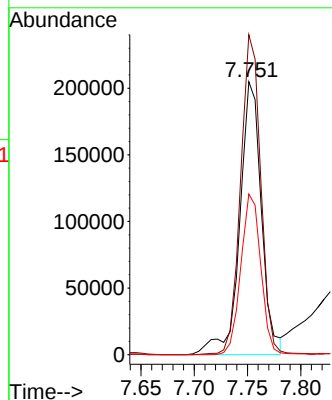
Tgt Ion:122 Resp: 290792

Ion Ratio Lower Upper

122 100

107 117.2 90.3 135.5

121 58.8 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 38.561 ng

RT: 7.851 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

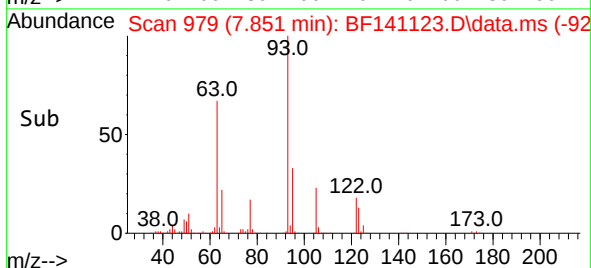
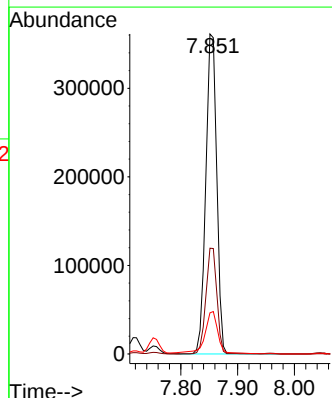
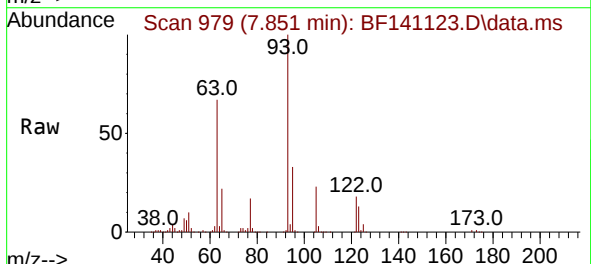
Tgt Ion: 93 Resp: 482927

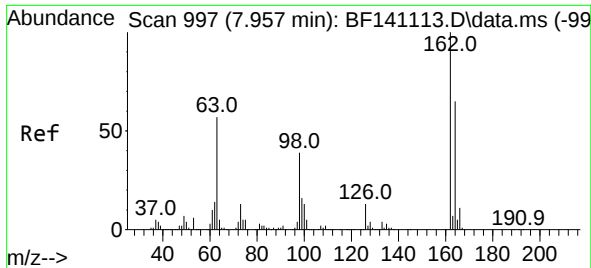
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 12.9 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 39.615 ng

RT: 7.957 min Scan# 997

Delta R.T. -0.000 min

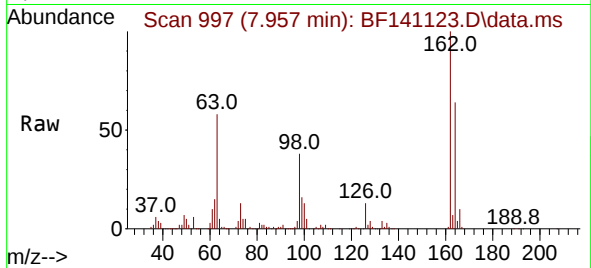
Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :



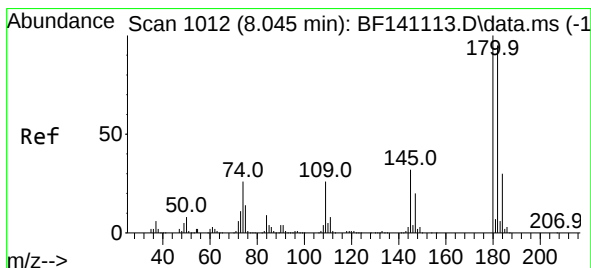
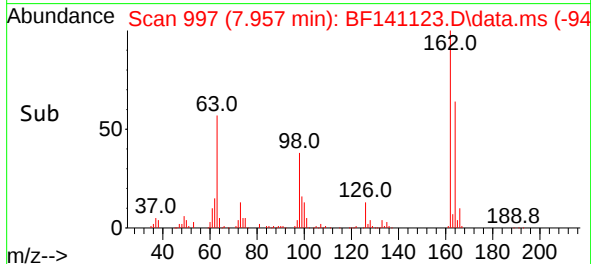
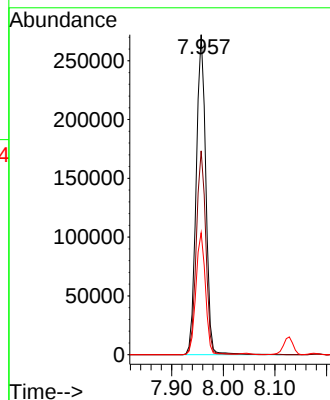
Tgt Ion:162 Resp: 351328

Ion Ratio Lower Upper

162 100

164 63.7 44.5 84.5

98 38.1 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 38.915 ng

RT: 8.045 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

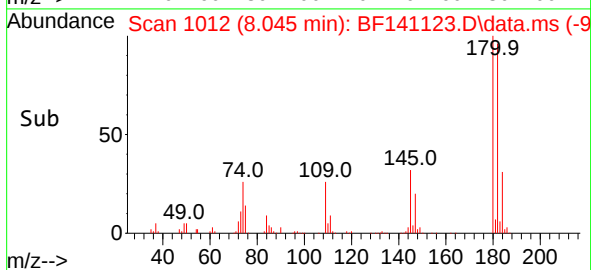
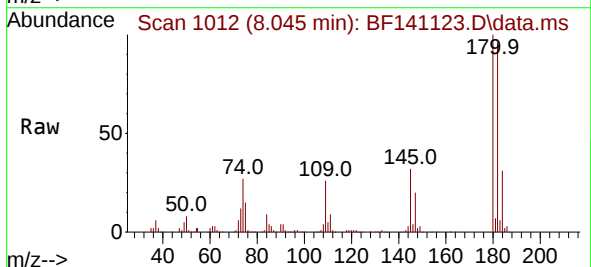
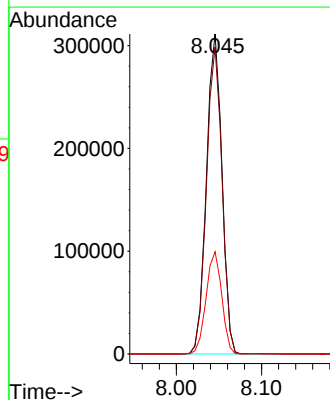
Tgt Ion:180 Resp: 394484

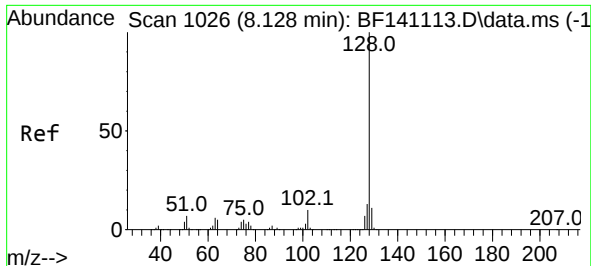
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.2

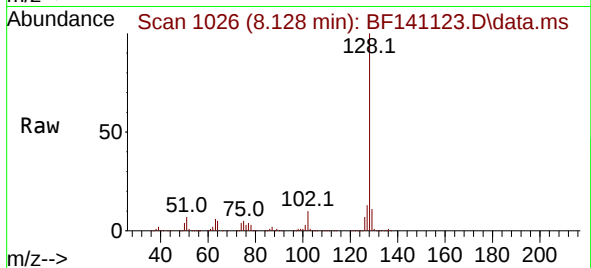
145 31.9 25.3 37.9



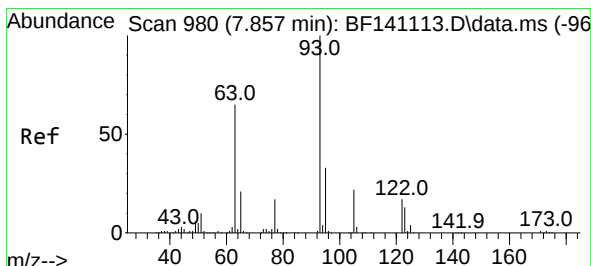
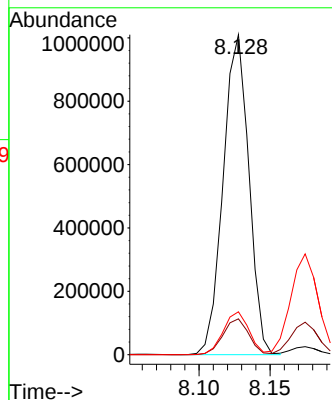
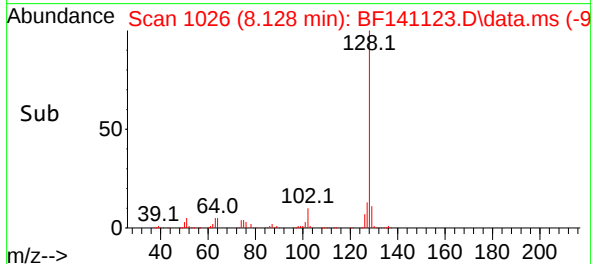


#31  
Naphthalene  
Concen: 38.886 ng  
RT: 8.128 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Instrument :  
BNA\_F  
ClientSampleId :

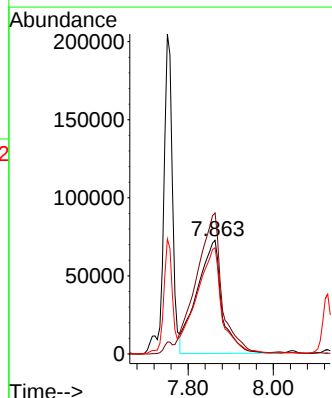
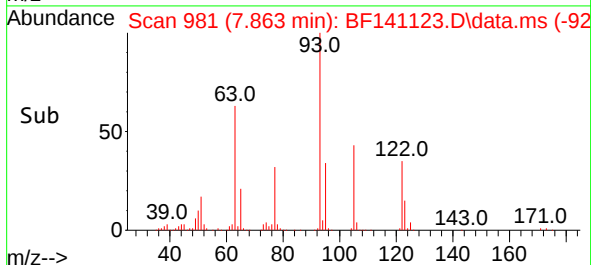
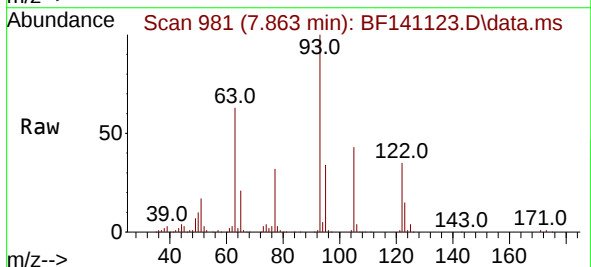


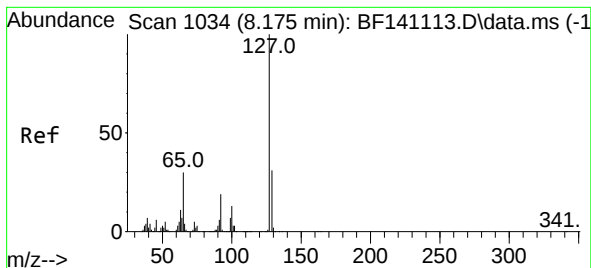
Tgt Ion:128 Resp: 1269336  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.6  
127 13.4 10.8 16.2



#32  
Benzoic acid  
Concen: 40.927 ng  
RT: 7.863 min Scan# 981  
Delta R.T. 0.006 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:122 Resp: 293165  
Ion Ratio Lower Upper  
122 100  
105 124.1 105.5 145.5  
77 93.5 75.1 115.1





#33

4-Chloroaniline

Concen: 38.464 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:127 Resp: 434221

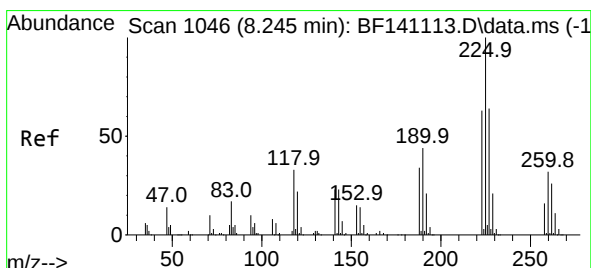
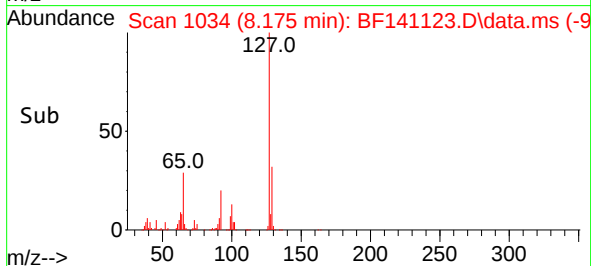
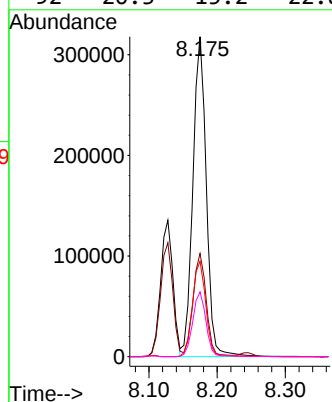
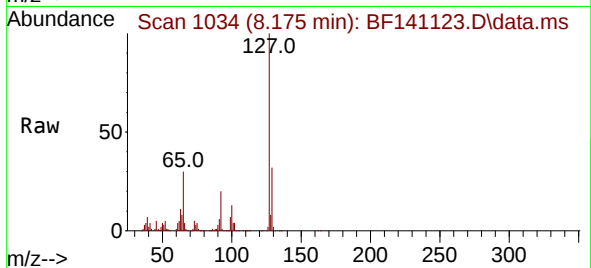
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 29.8 23.8 35.8

92 20.3 15.2 22.8



#34

Hexachlorobutadiene

Concen: 40.214 ng

RT: 8.245 min Scan# 1046

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

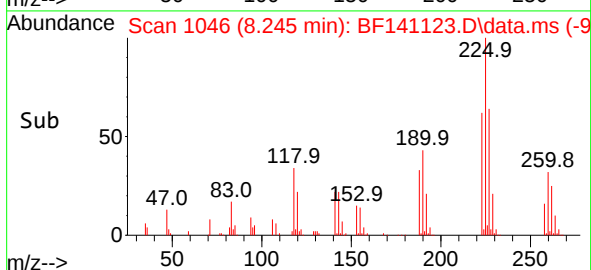
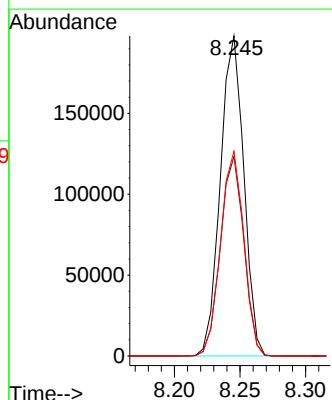
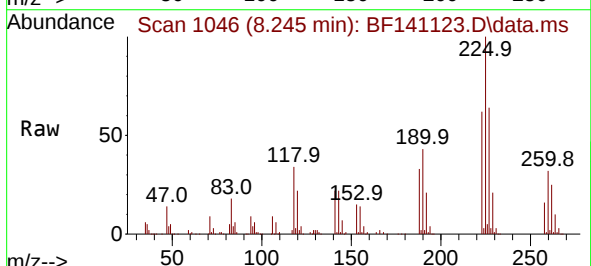
Tgt Ion:225 Resp: 245631

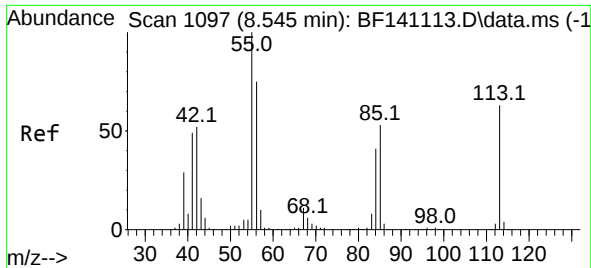
Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

227 64.0 51.6 77.4

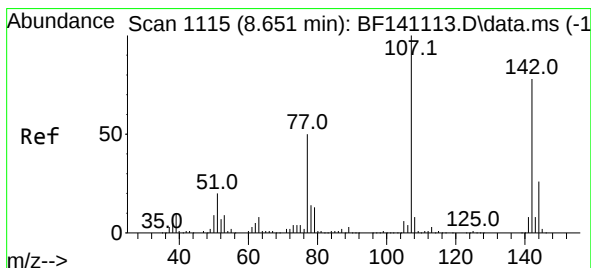
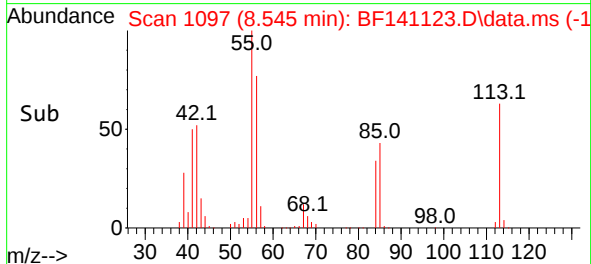
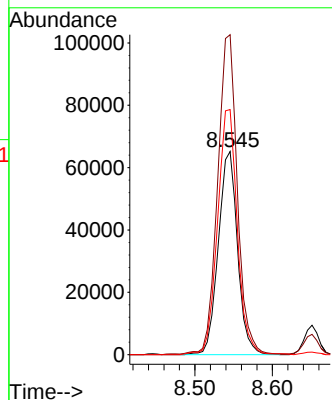
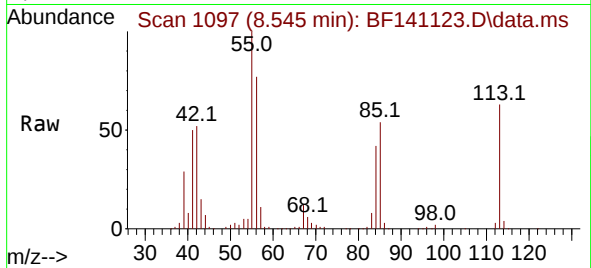




#35  
 Caprolactam  
 Concen: 38.830 ng  
 RT: 8.545 min Scan# 1109  
 Delta R.T. -0.000 min  
 Lab File: BF141123.D  
 Acq: 13 Jan 2025 11:11

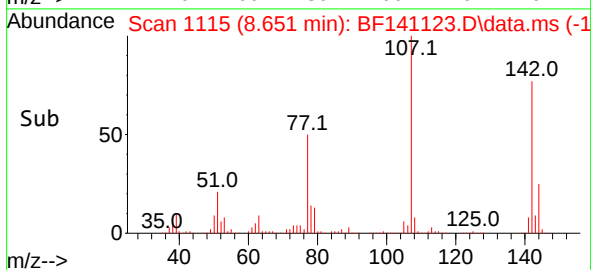
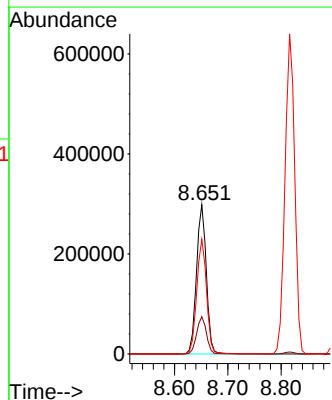
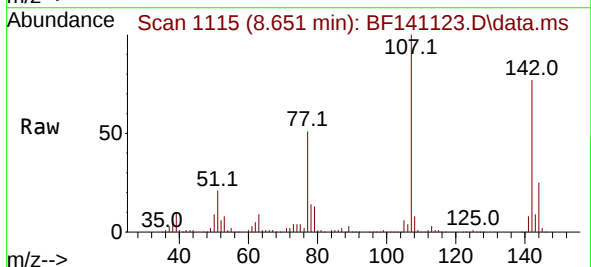
Instrument :  
 BNA\_F  
 ClientSampleId :

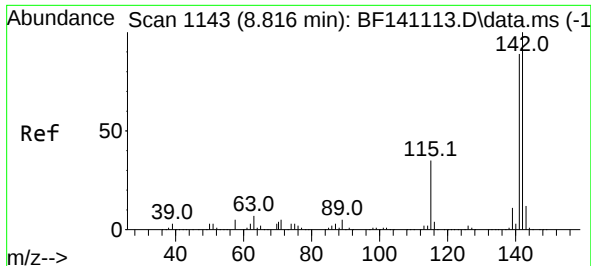
Tgt Ion:113 Resp: 112742  
 Ion Ratio Lower Upper  
 113 100  
 55 157.5 139.7 179.7  
 56 120.7 99.4 139.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.618 ng  
 RT: 8.651 min Scan# 1115  
 Delta R.T. -0.000 min  
 Lab File: BF141123.D  
 Acq: 13 Jan 2025 11:11

Tgt Ion:107 Resp: 384257  
 Ion Ratio Lower Upper  
 107 100  
 144 24.9 20.4 30.6  
 142 76.8 62.2 93.2

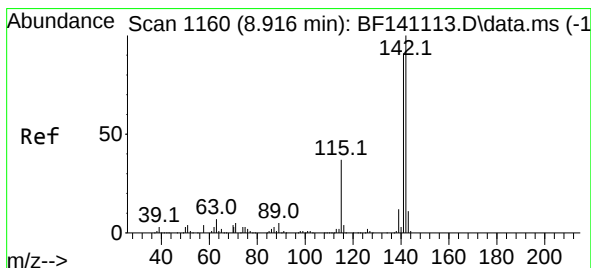
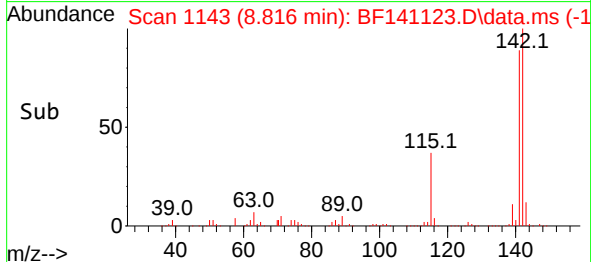
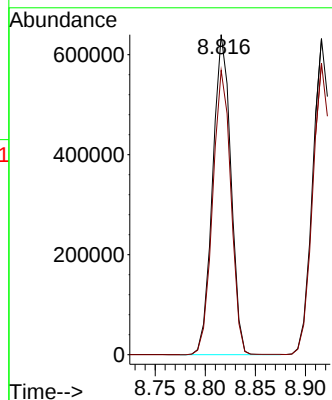
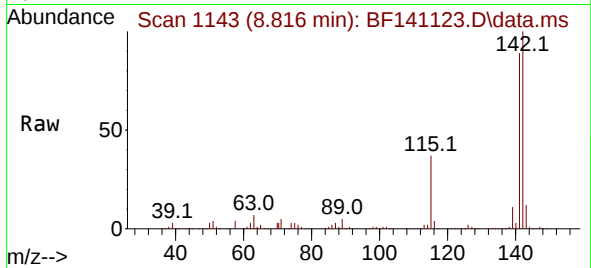




#37  
2-Methylnaphthalene  
Concen: 38.840 ng  
RT: 8.816 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

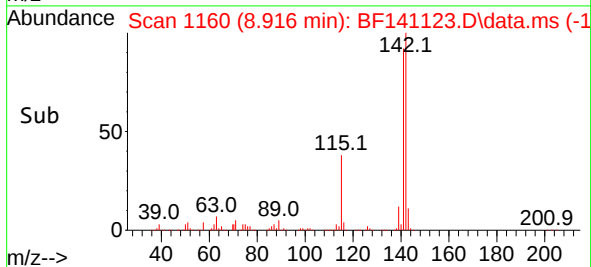
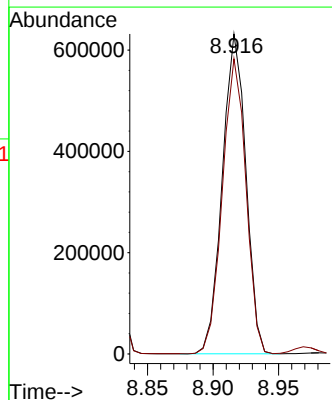
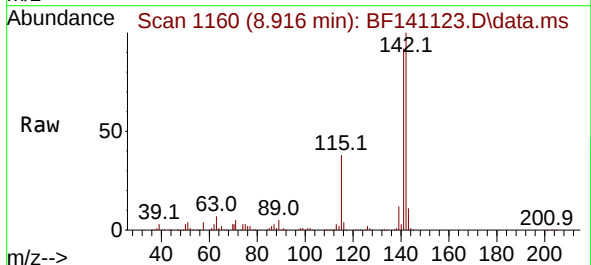
Instrument :  
BNA\_F  
ClientSampleId :

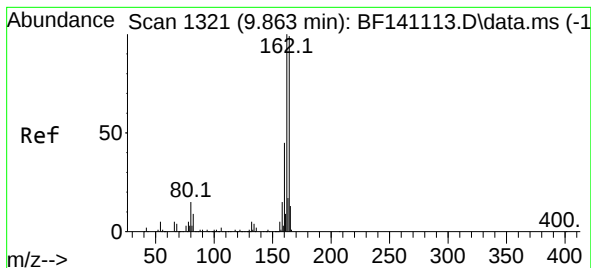
Tgt Ion:142 Resp: 807900  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.3 106.9



#38  
1-Methylnaphthalene  
Concen: 38.503 ng  
RT: 8.916 min Scan# 1160  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:142 Resp: 789314  
Ion Ratio Lower Upper  
142 100  
141 92.3 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: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :

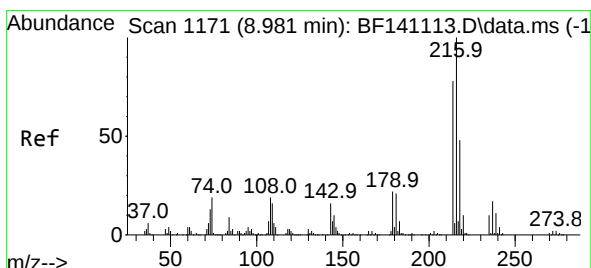
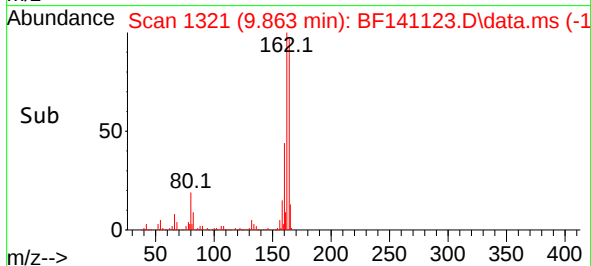
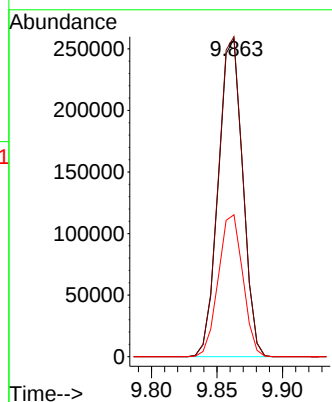
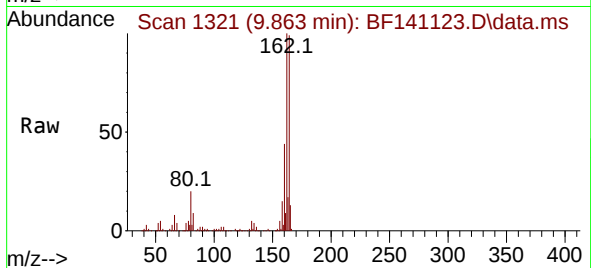
Tgt Ion:164 Resp: 333177

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 44.7 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.752 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Tgt Ion:216 Resp: 370580

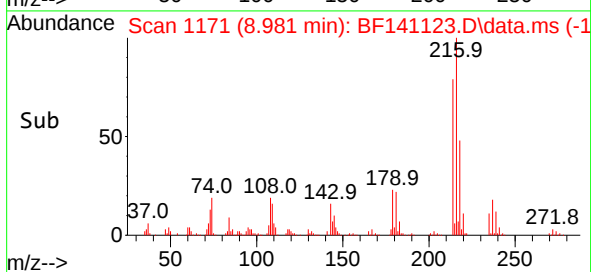
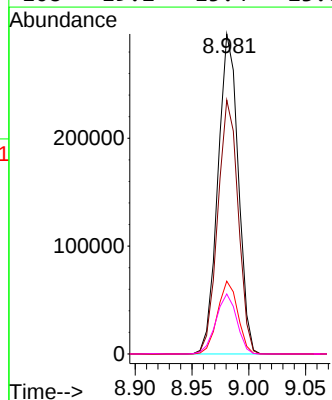
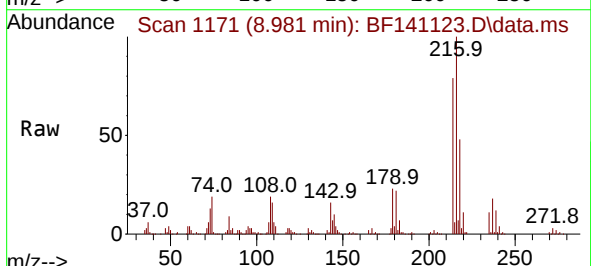
Ion Ratio Lower Upper

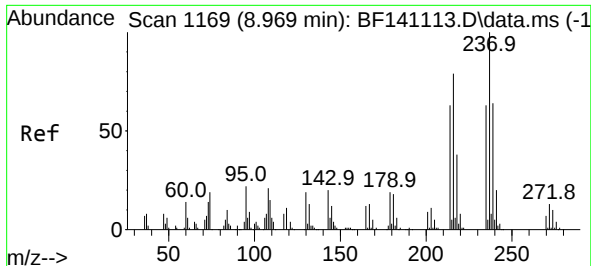
216 100

214 79.1 62.6 94.0

179 22.5 17.7 26.5

108 19.2 15.4 23.0

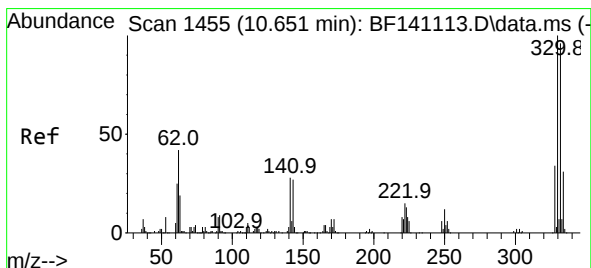
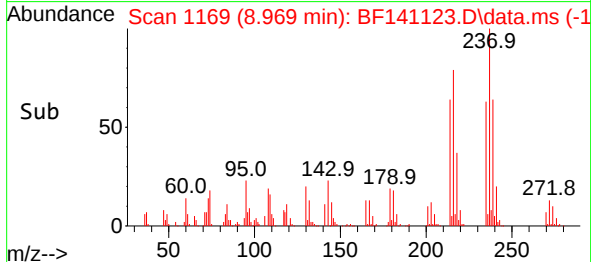
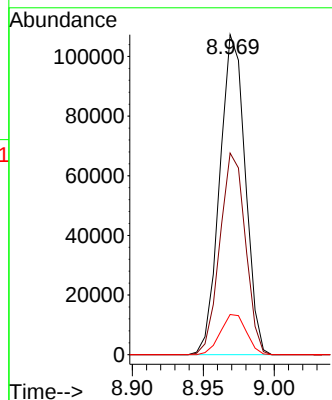
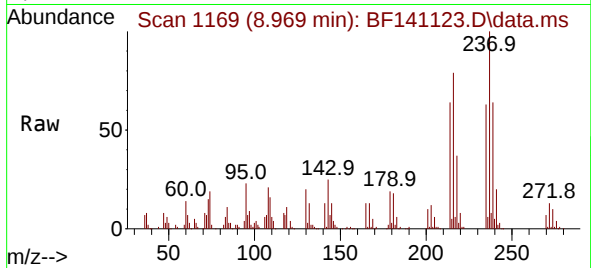




#41  
Hexachlorocyclopentadiene  
Concen: 42.810 ng  
RT: 8.969 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

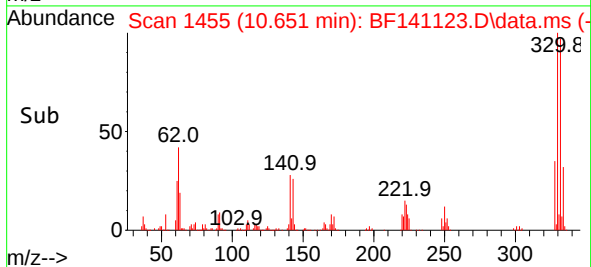
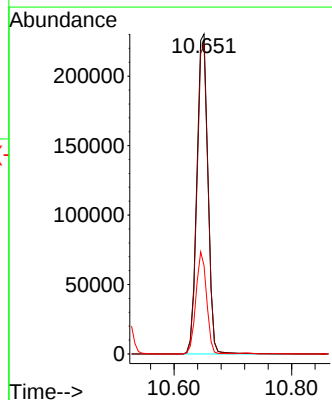
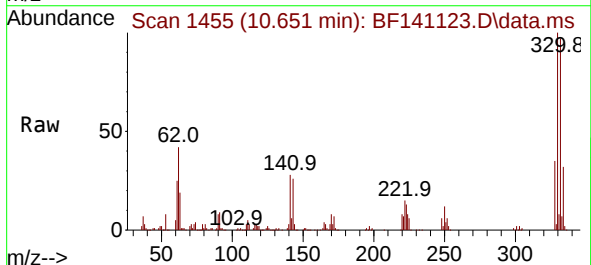
Instrument :  
BNA\_F  
ClientSampleId :

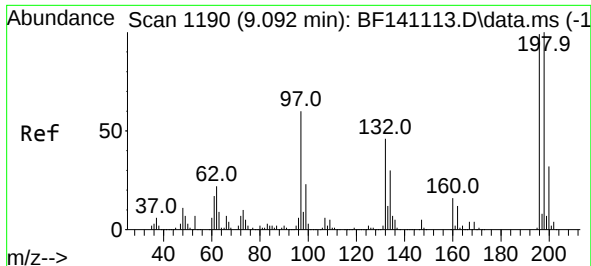
Tgt Ion:237 Resp: 133936  
Ion Ratio Lower Upper  
237 100  
235 63.0 43.0 83.0  
272 12.6 0.0 33.0



#42  
2,4,6-Tribromophenol  
Concen: 79.449 ng  
RT: 10.651 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:330 Resp: 301613  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.9 115.3  
141 30.7 25.2 37.8

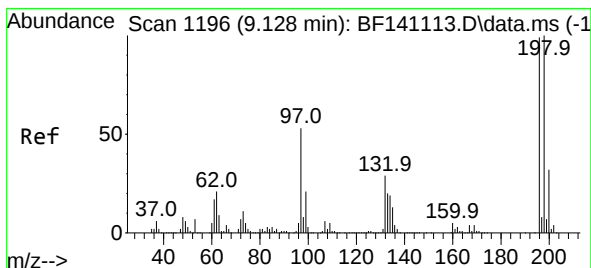
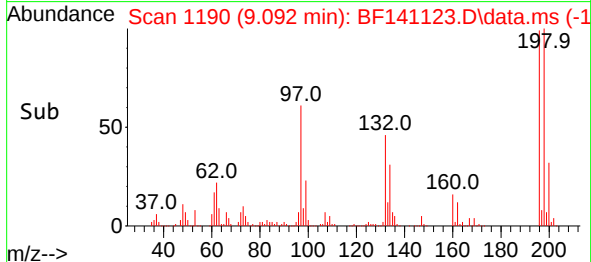
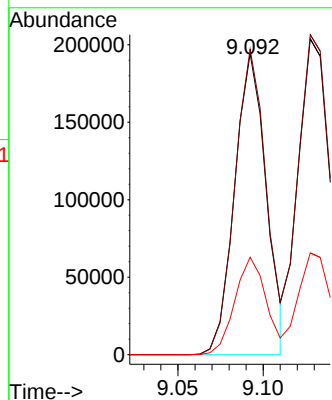
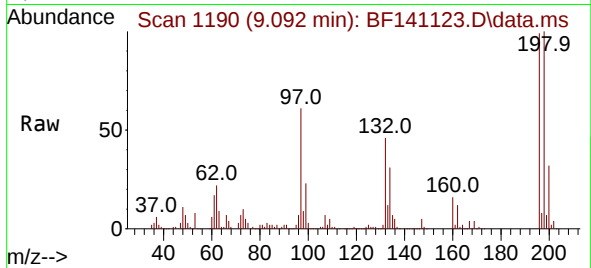




#43  
2,4,6-Trichlorophenol  
Concen: 38.713 ng  
RT: 9.092 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

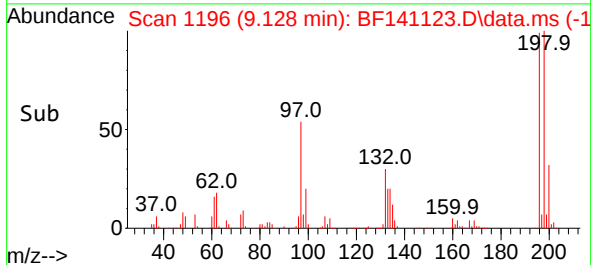
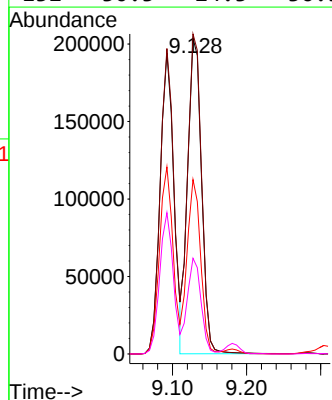
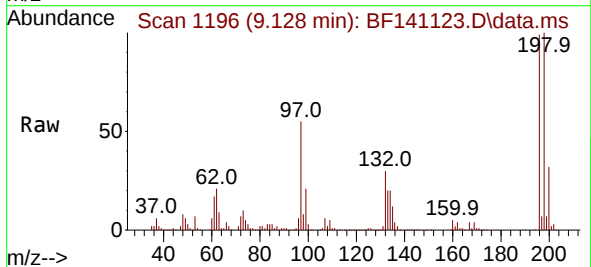
Instrument :  
BNA\_F  
ClientSampleId :

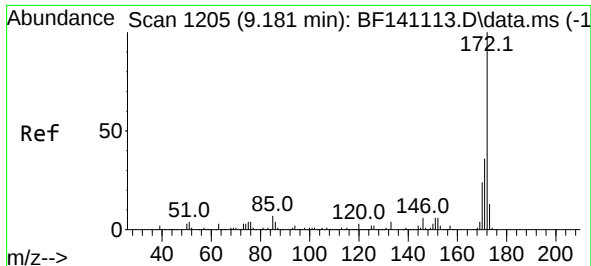
Tgt Ion:196 Resp: 249680  
Ion Ratio Lower Upper  
196 100  
198 101.5 80.8 121.2  
200 32.4 25.7 38.5



#44  
2,4,5-Trichlorophenol  
Concen: 39.216 ng  
RT: 9.128 min Scan# 1196  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:196 Resp: 267118  
Ion Ratio Lower Upper  
196 100  
198 101.3 80.6 120.8  
97 55.2 43.1 64.7  
132 30.3 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 75.751 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :

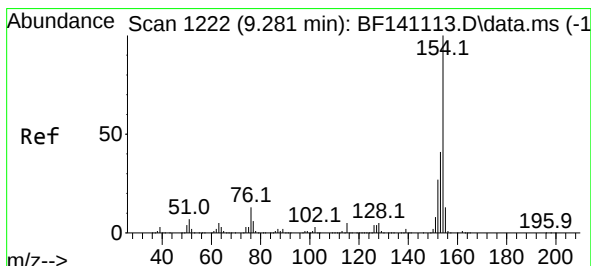
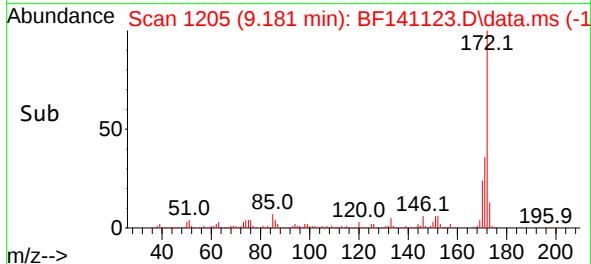
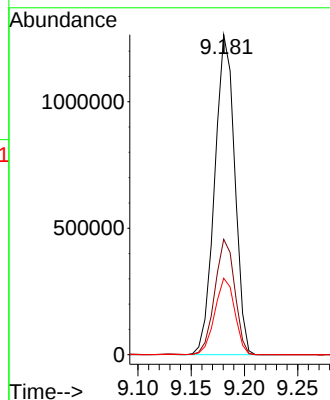
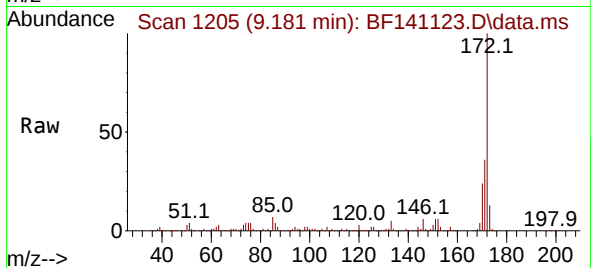
Tgt Ion:172 Resp: 1652773

Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 38.035 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

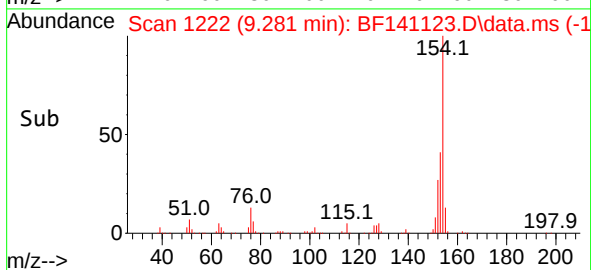
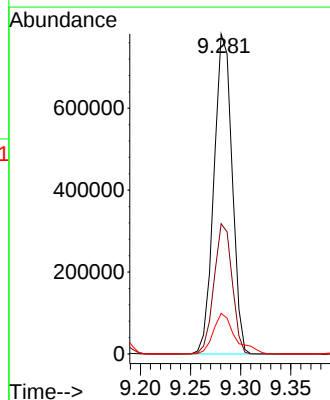
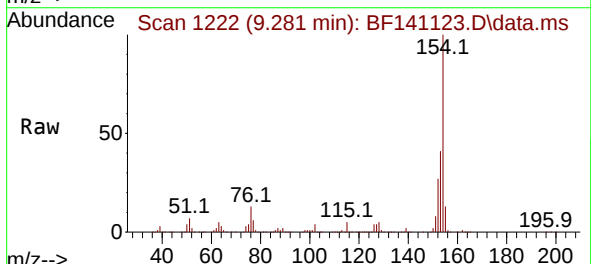
Tgt Ion:154 Resp: 984136

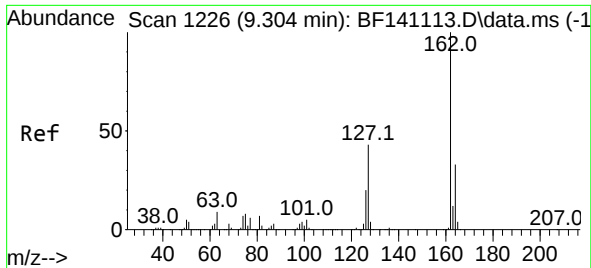
Ion Ratio Lower Upper

154 100

153 40.7 20.7 60.7

76 12.6 0.0 33.1

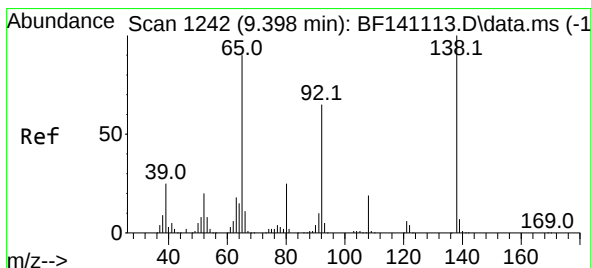
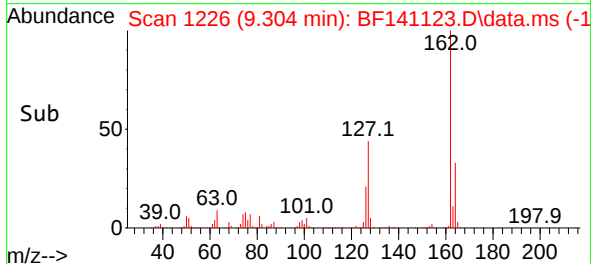
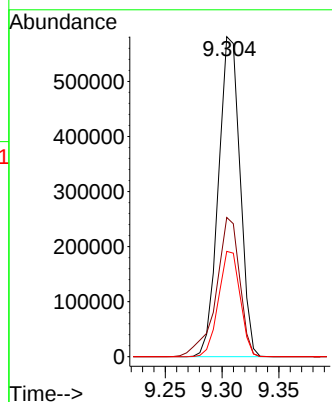
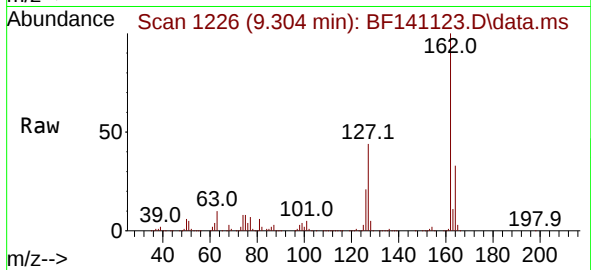




#47  
2-Chloronaphthalene  
Concen: 38.204 ng  
RT: 9.304 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

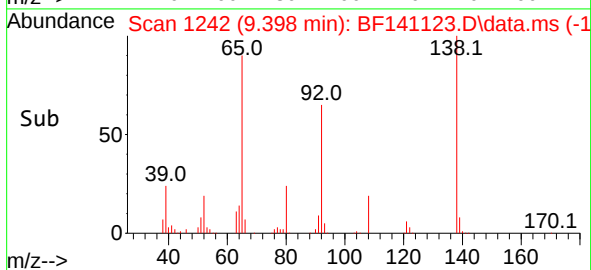
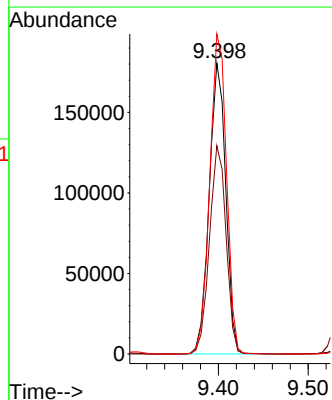
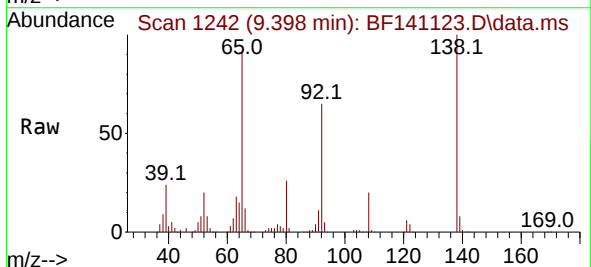
Instrument :  
BNA\_F  
ClientSampleId :

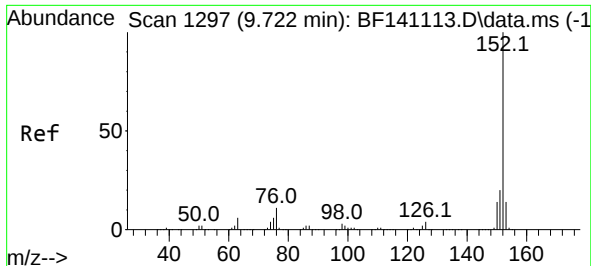
Tgt Ion:162 Resp: 769924  
Ion Ratio Lower Upper  
162 100  
127 43.5 34.6 51.8  
164 32.9 26.5 39.7



#48  
2-Nitroaniline  
Concen: 38.820 ng  
RT: 9.398 min Scan# 1242  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion: 65 Resp: 231909  
Ion Ratio Lower Upper  
65 100  
92 71.6 58.3 87.5  
138 110.0 89.1 133.7





#49

Acenaphthylene

Concen: 38.043 ng

RT: 9.722 min Scan# 1297

Delta R.T. -0.000 min

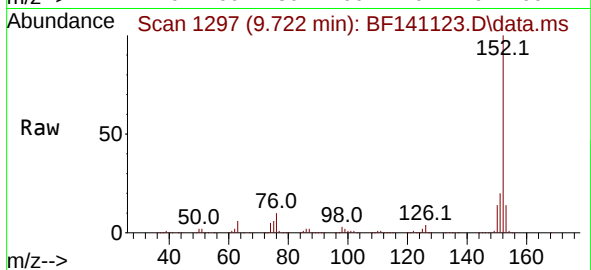
Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :



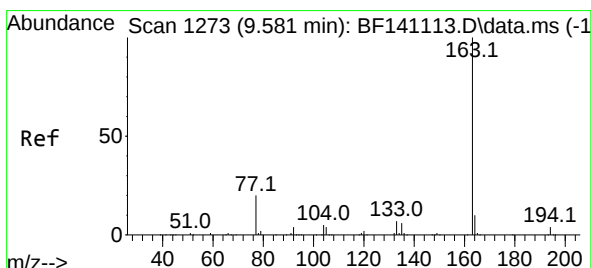
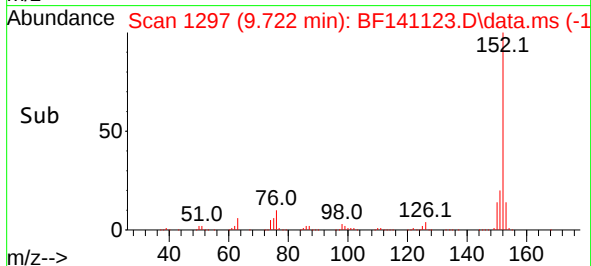
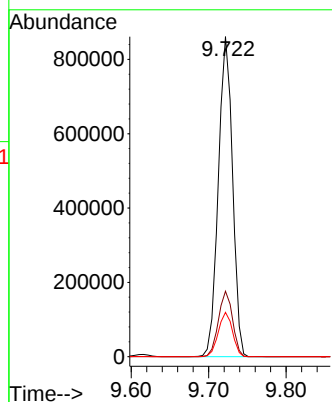
Tgt Ion:152 Resp: 1095374

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 38.595 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

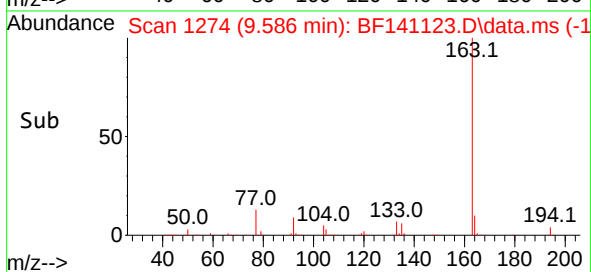
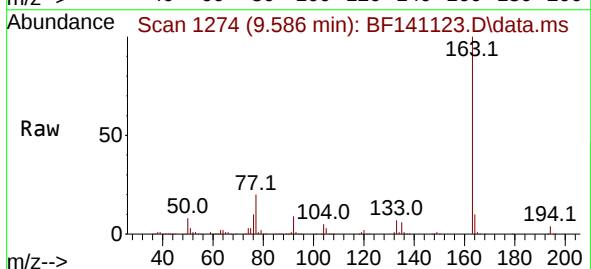
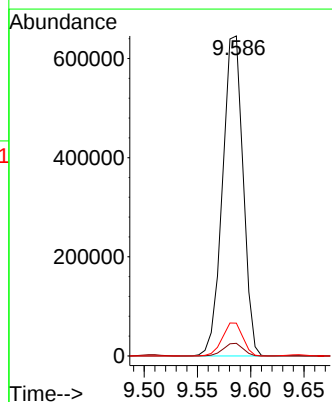
Tgt Ion:163 Resp: 863280

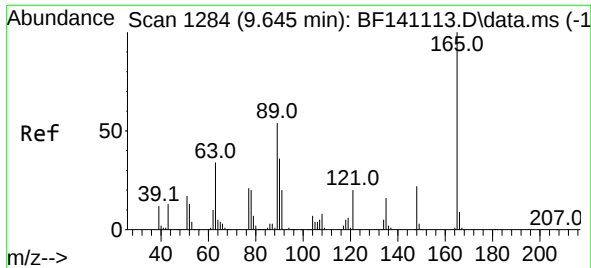
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.2 8.2 12.4

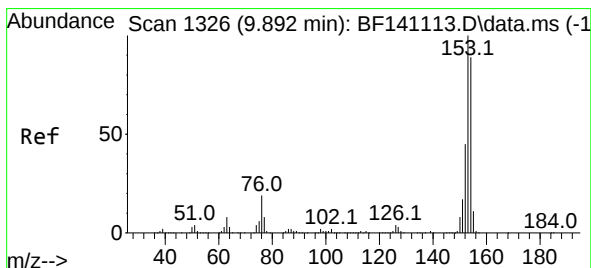
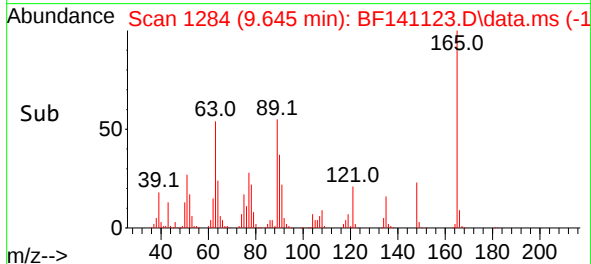
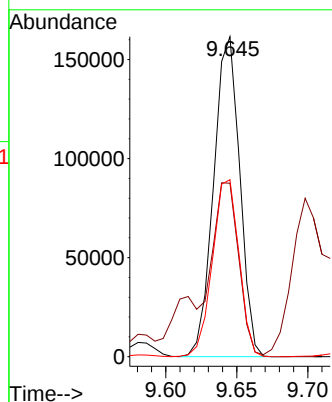
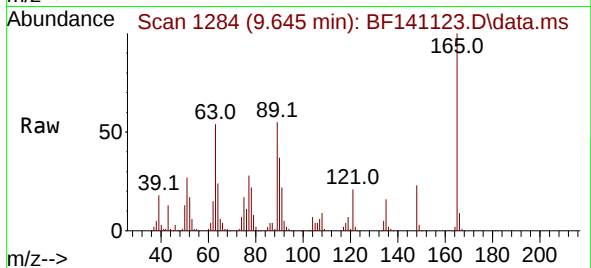




#51  
2,6-Dinitrotoluene  
Concen: 39.671 ng  
RT: 9.645 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

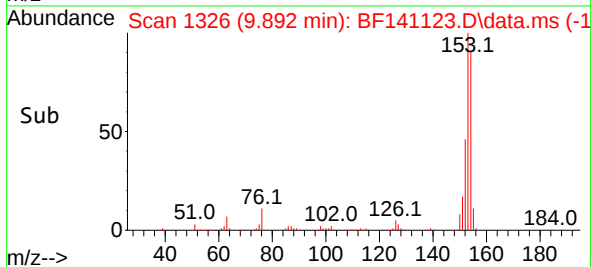
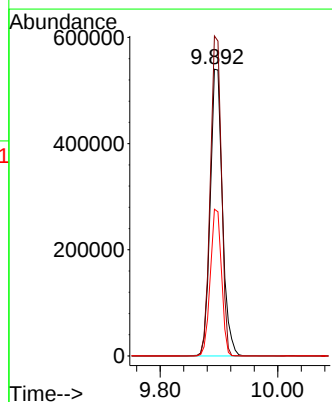
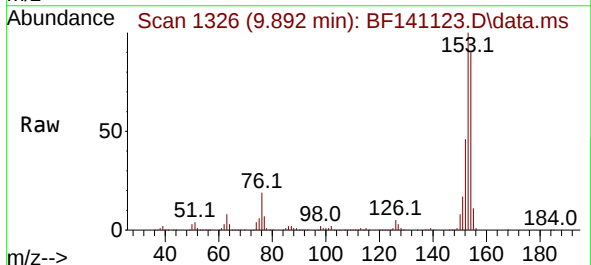
Instrument :  
BNA\_F  
ClientSampleId :

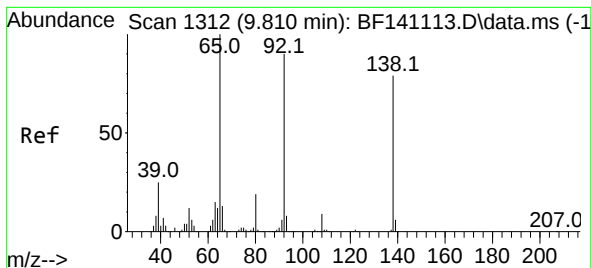
Tgt Ion:165 Resp: 206348  
Ion Ratio Lower Upper  
165 100  
63 54.2 42.3 63.5  
89 55.3 43.1 64.7



#52  
Acenaphthene  
Concen: 38.593 ng  
RT: 9.892 min Scan# 1326  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:154 Resp: 776334  
Ion Ratio Lower Upper  
154 100  
153 111.6 89.8 134.6  
152 51.2 40.8 61.2





#53

3-Nitroaniline

Concen: 38.995 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :

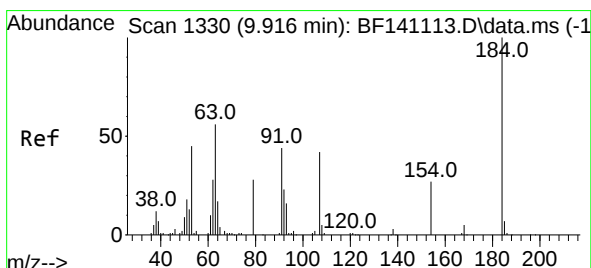
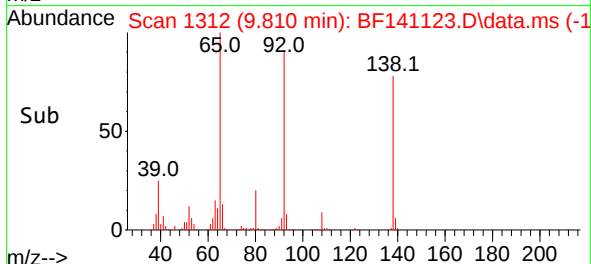
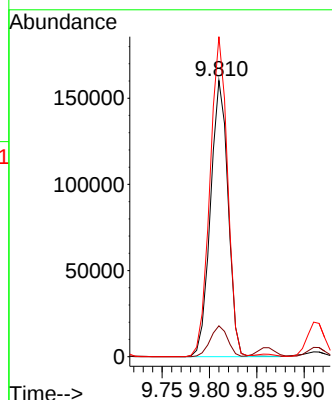
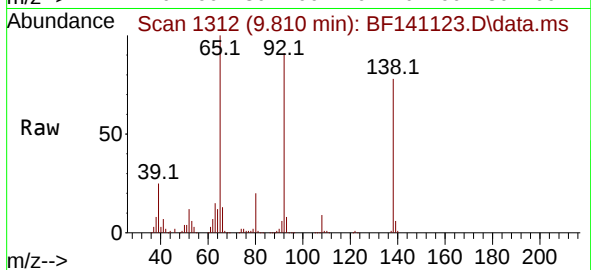
Tgt Ion:138 Resp: 206117

Ion Ratio Lower Upper

138 100

108 11.2 8.8 13.2

92 115.9 91.3 136.9



#54

2,4-Dinitrophenol

Concen: 39.923 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

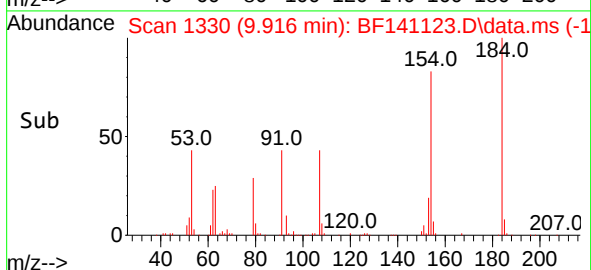
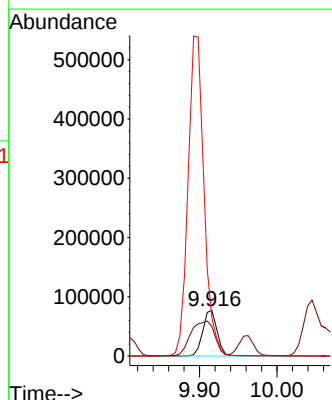
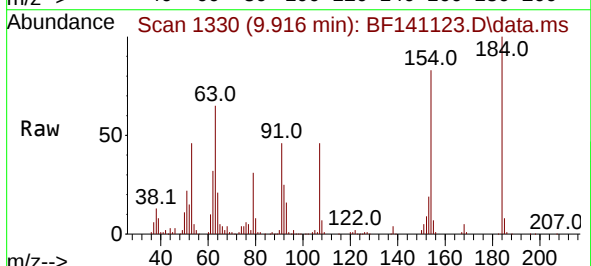
Tgt Ion:184 Resp: 98705

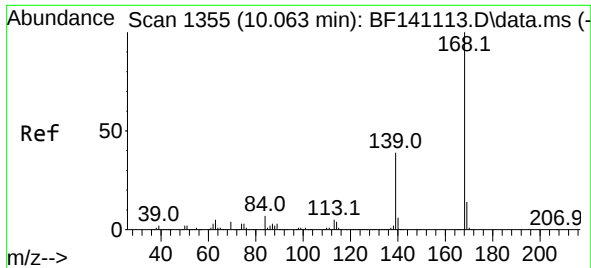
Ion Ratio Lower Upper

184 100

63 64.8 48.7 73.1

154 83.5 57.1 85.7

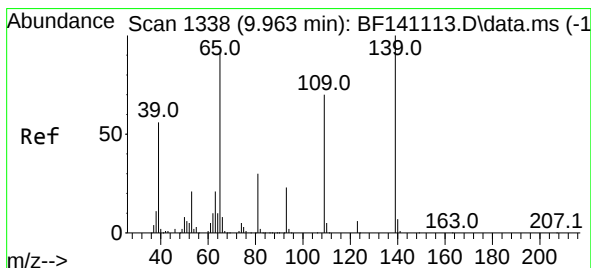
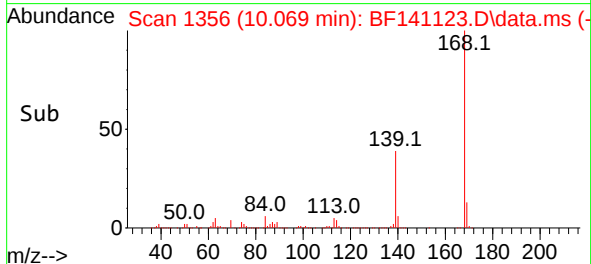
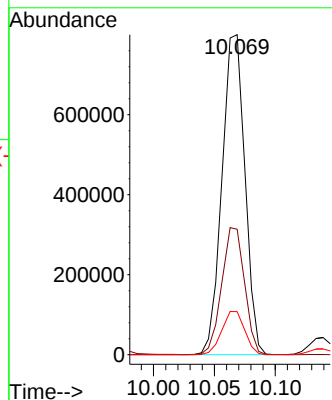
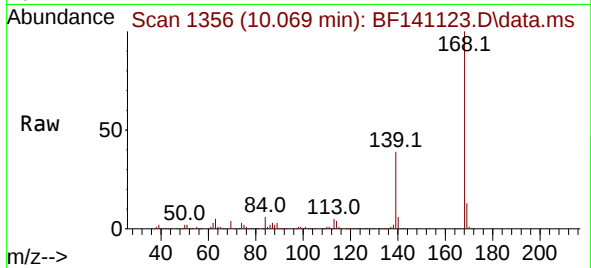




#55  
Dibenzofuran  
Concen: 38.371 ng  
RT: 10.069 min Scan# 1355  
Delta R.T. 0.006 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

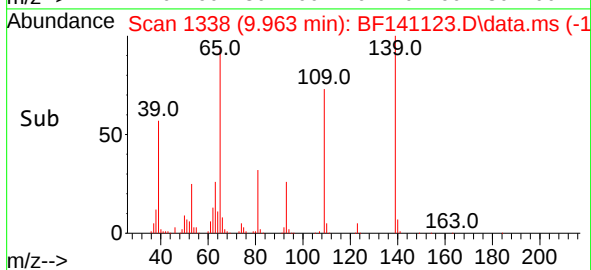
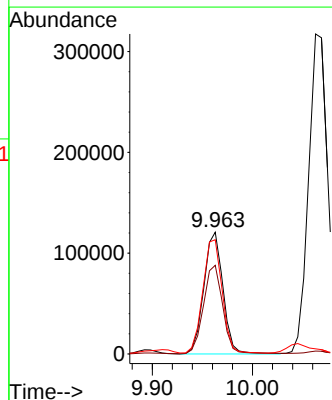
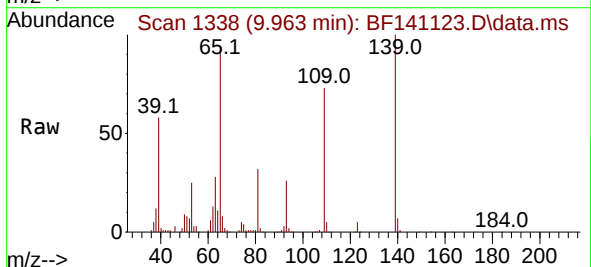
Instrument :  
BNA\_F  
ClientSampleId :

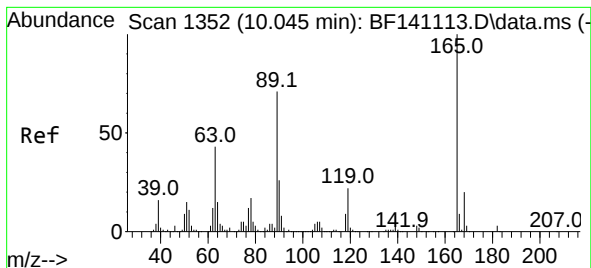
Tgt Ion:168 Resp: 1049891  
Ion Ratio Lower Upper  
168 100  
139 39.2 31.4 47.0  
169 13.4 10.9 16.3



#56  
4-Nitrophenol  
Concen: 38.896 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

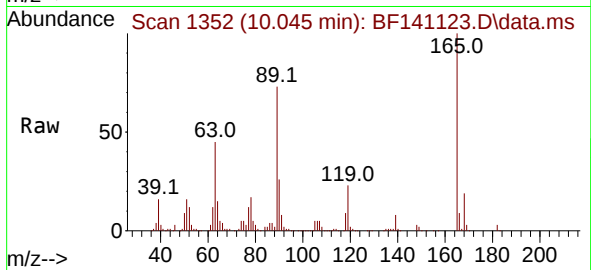
Tgt Ion:139 Resp: 161014  
Ion Ratio Lower Upper  
139 100  
109 72.8 50.2 90.2  
65 93.9 72.1 112.1



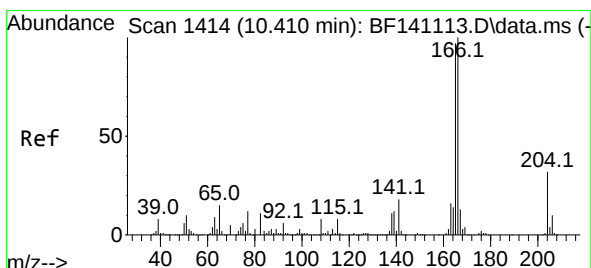
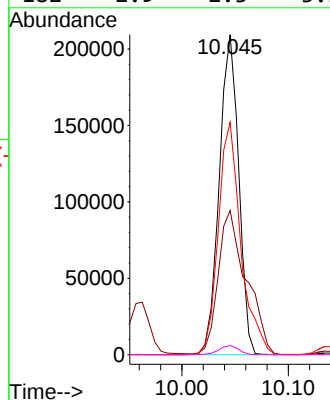
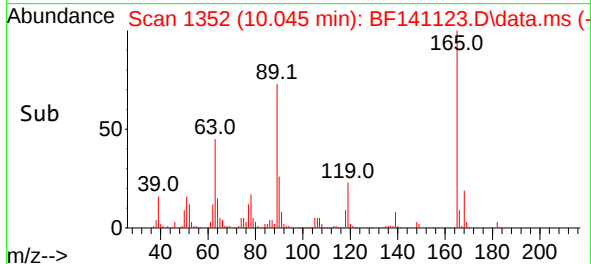


#57  
2,4-Dinitrotoluene  
Concen: 39.446 ng  
RT: 10.045 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

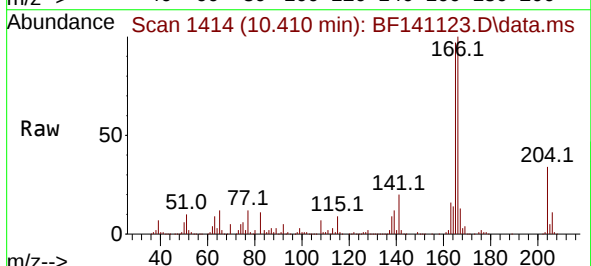
Instrument :  
BNA\_F  
ClientSampleId :



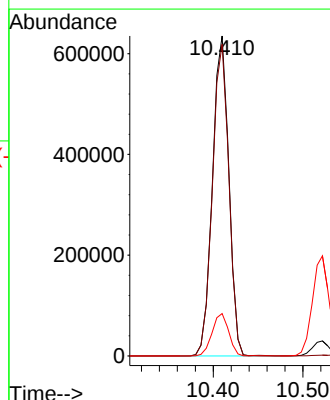
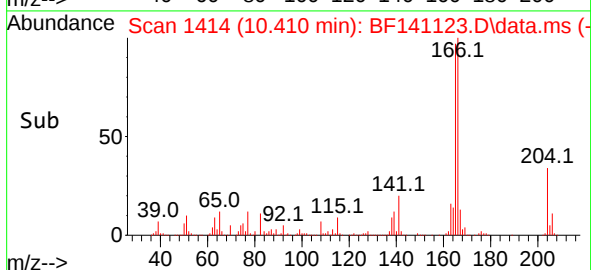
Tgt Ion:165 Resp: 264415  
Ion Ratio Lower Upper  
165 100  
63 45.1 35.0 52.4  
89 72.6 56.7 85.1  
182 2.9 2.3 3.5

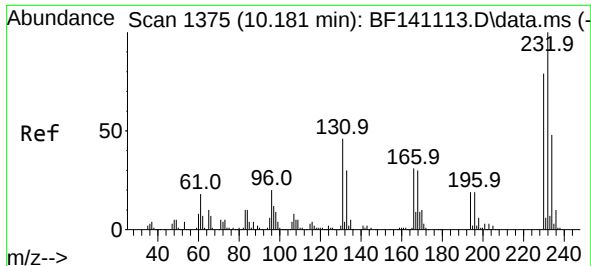


#58  
Fluorene  
Concen: 37.825 ng  
RT: 10.410 min Scan# 1414  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11



Tgt Ion:166 Resp: 804066  
Ion Ratio Lower Upper  
166 100  
165 97.4 77.8 116.8  
167 13.3 10.8 16.2

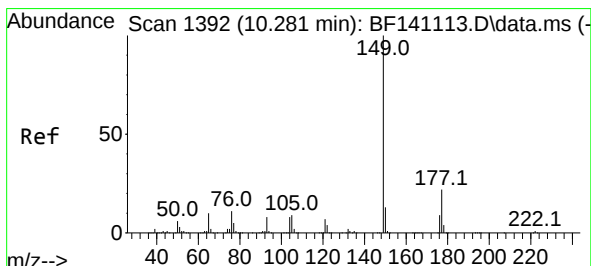
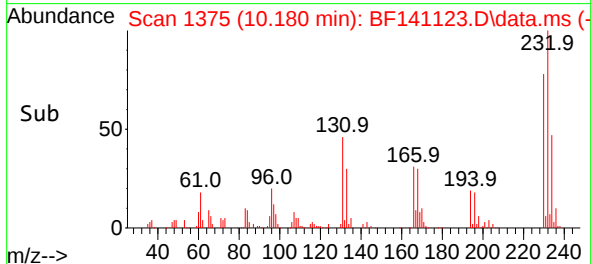
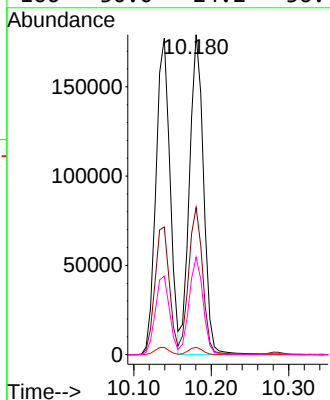
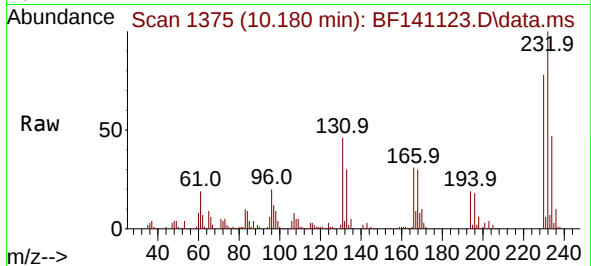




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.755 ng  
RT: 10.180 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

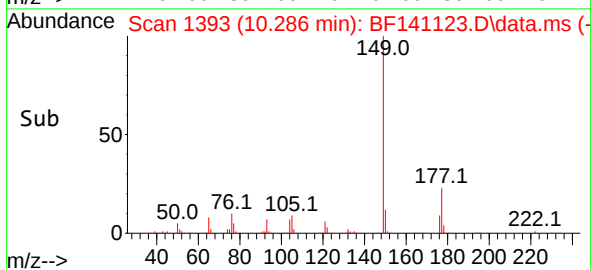
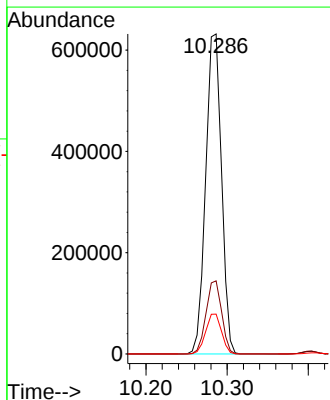
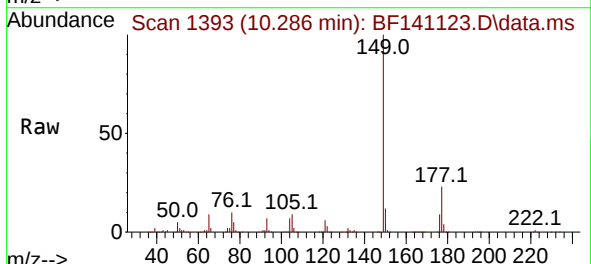
Instrument :  
BNA\_F  
ClientSampleId :

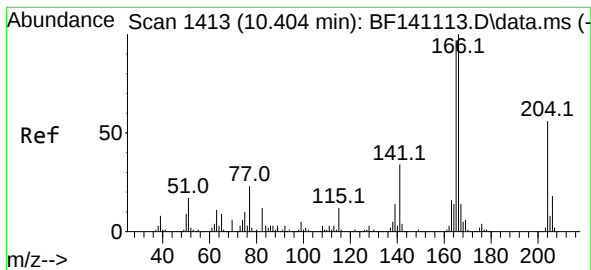
Tgt Ion:232 Resp: 225086  
Ion Ratio Lower Upper  
232 100  
131 45.9 36.2 54.4  
130 2.3 2.0 3.0  
166 30.0 24.2 36.4



#60  
Diethylphthalate  
Concen: 39.077 ng  
RT: 10.286 min Scan# 1393  
Delta R.T. 0.006 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:149 Resp: 853298  
Ion Ratio Lower Upper  
149 100  
177 22.8 17.9 26.9  
150 12.4 10.2 15.2

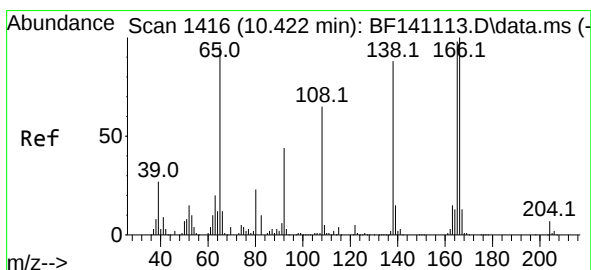
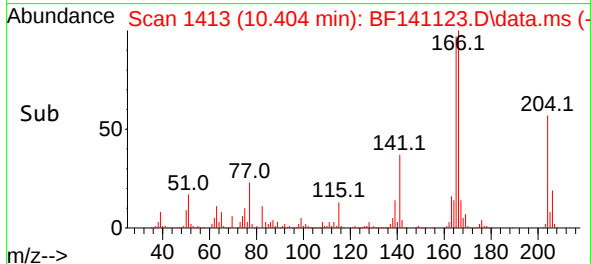
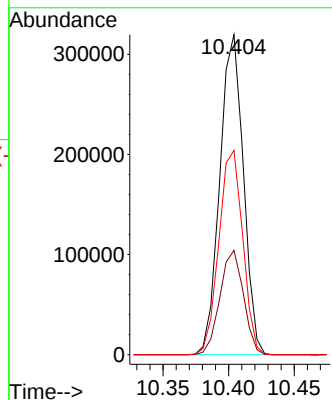
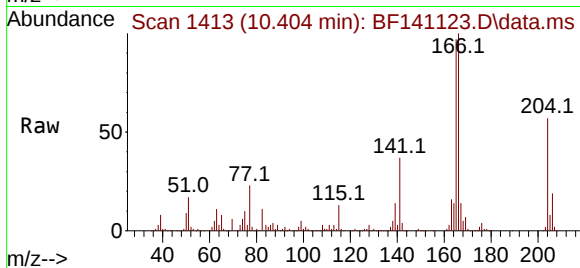




#61  
4-Chlorophenyl-phenylether  
Concen: 38.491 ng  
RT: 10.404 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

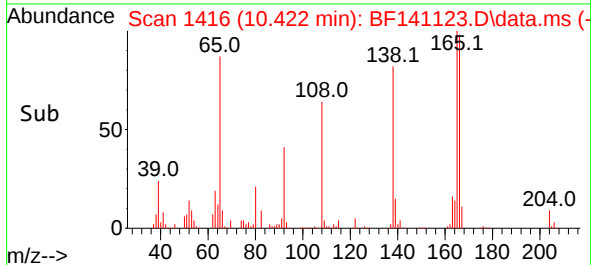
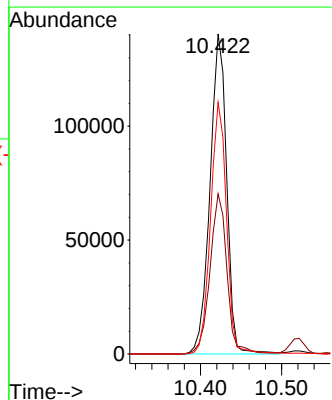
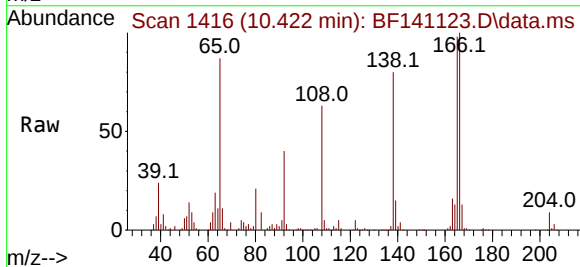
Instrument :  
BNA\_F  
ClientSampleId :

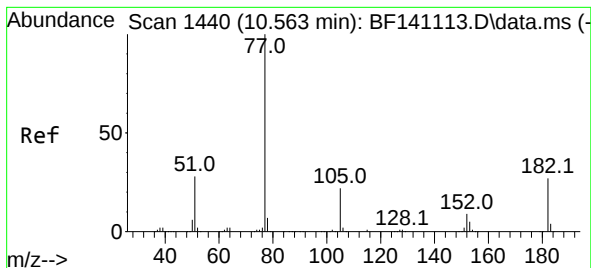
Tgt Ion:204 Resp: 398783  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.9 38.9  
141 63.8 49.1 73.7



#62  
4-Nitroaniline  
Concen: 38.679 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:138 Resp: 200105  
Ion Ratio Lower Upper  
138 100  
92 50.1 29.4 69.4  
108 78.6 53.7 93.7





#63

Azobenzene

Concen: 38.003 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion: 77 Resp: 818835

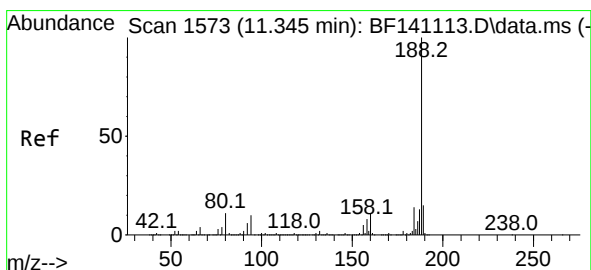
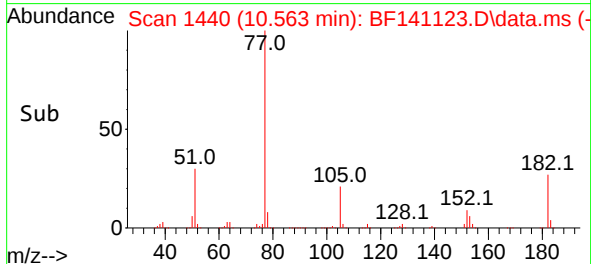
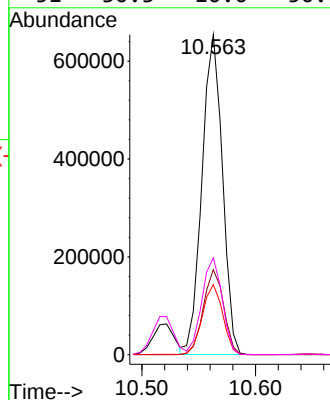
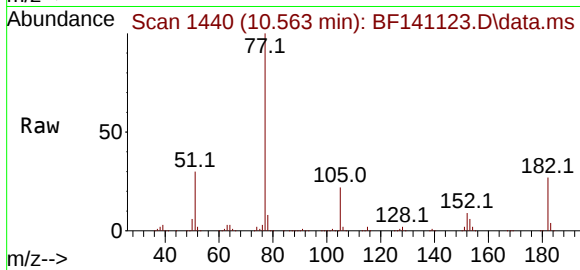
Ion Ratio Lower Upper

77 100

182 26.6 6.1 46.1

105 21.9 2.1 42.1

51 30.3 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: BF141123.D

Acq: 13 Jan 2025 11:11

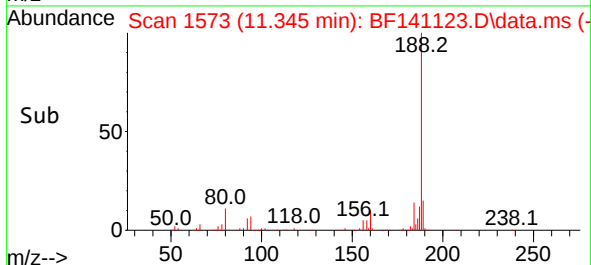
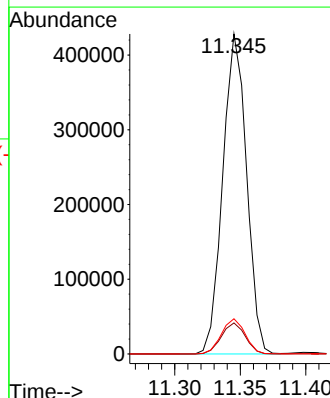
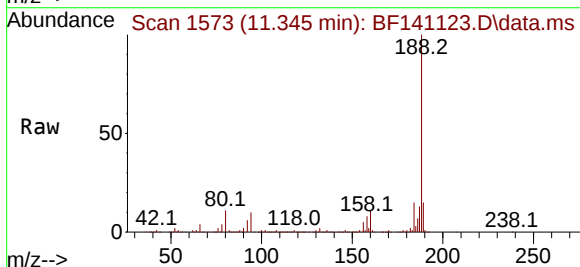
Tgt Ion:188 Resp: 540934

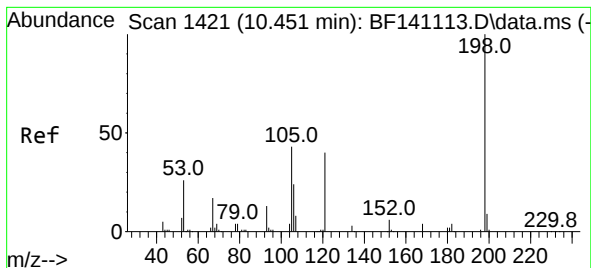
Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 11.0 9.0 13.4

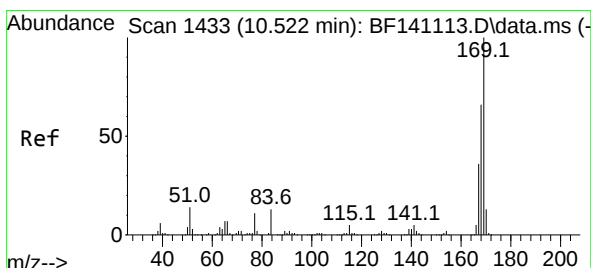
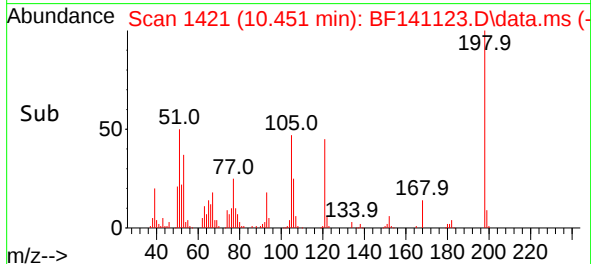
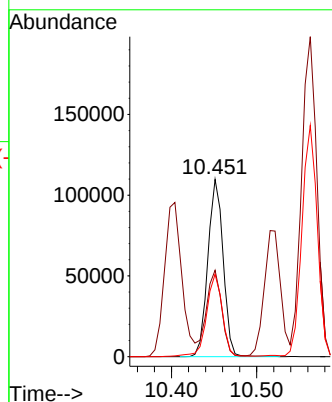
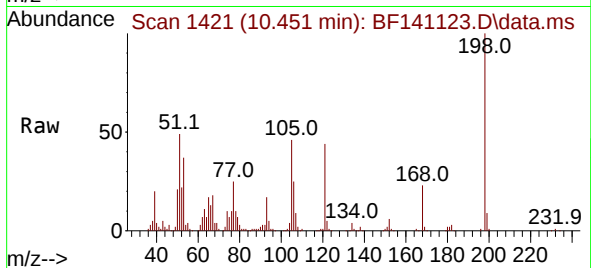




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.623 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

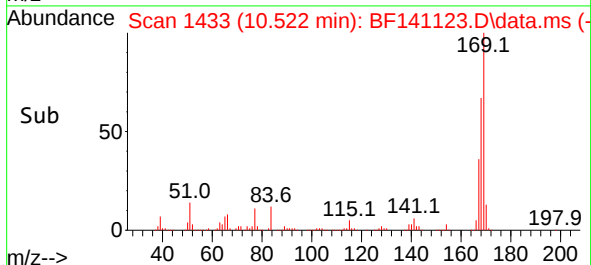
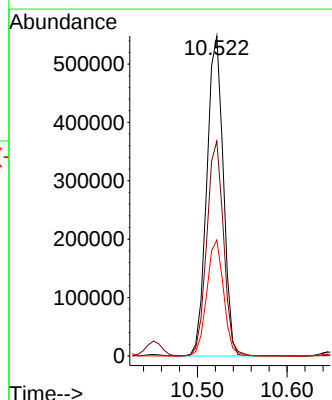
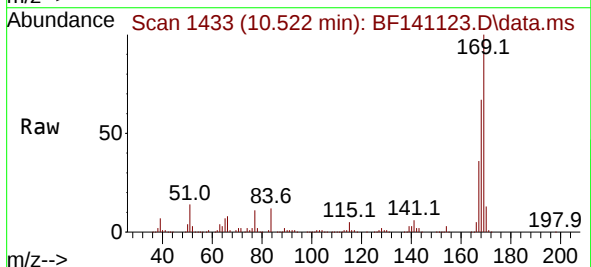
Instrument :  
BNA\_F  
ClientSampleId :

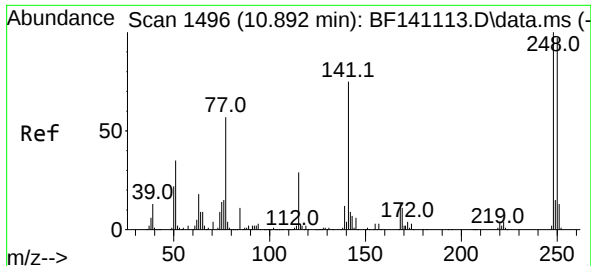
Tgt Ion:198 Resp: 136740  
Ion Ratio Lower Upper  
198 100  
51 48.8 27.1 67.1  
105 46.5 24.2 64.2



#66  
n-Nitrosodiphenylamine  
Concen: 39.944 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:169 Resp: 696928  
Ion Ratio Lower Upper  
169 100  
168 67.2 52.5 78.7  
167 36.3 28.9 43.3

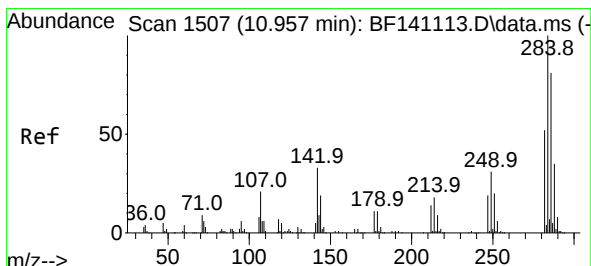
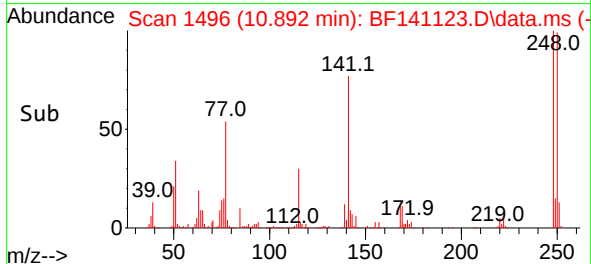
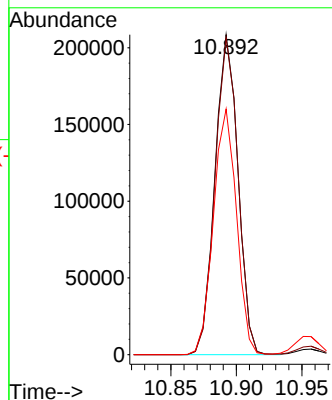
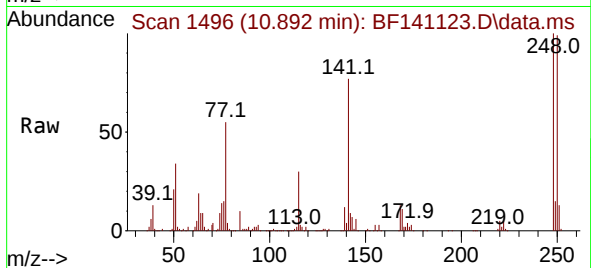




#67  
4-Bromophenyl-phenylether  
Concen: 40.975 ng  
RT: 10.892 min Scan# 1496  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

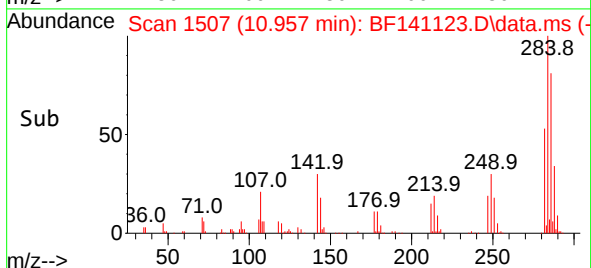
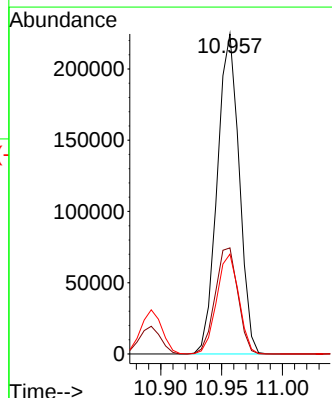
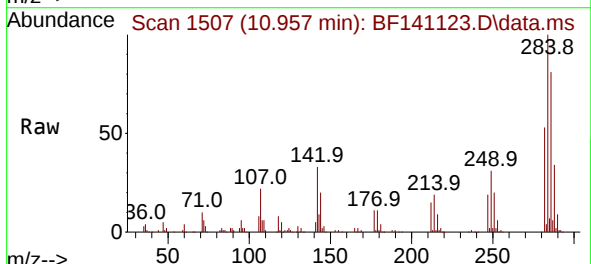
Instrument :  
BNA\_F  
ClientSampleId :

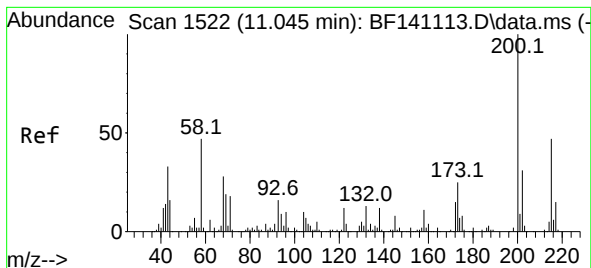
Tgt Ion:248 Resp: 255184  
Ion Ratio Lower Upper  
248 100  
250 99.0 77.9 116.9  
141 76.8 59.9 89.9



#68  
Hexachlorobenzene  
Concen: 40.575 ng  
RT: 10.957 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:284 Resp: 281294  
Ion Ratio Lower Upper  
284 100  
142 33.1 26.3 39.5  
249 31.2 24.9 37.3





#69

Atrazine

Concen: 35.668 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :

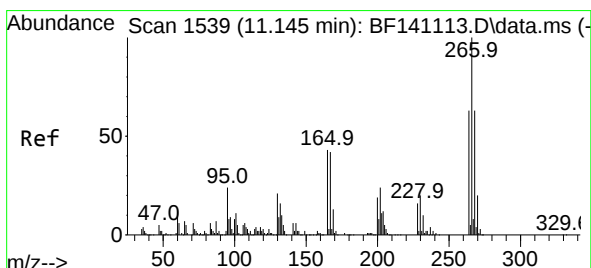
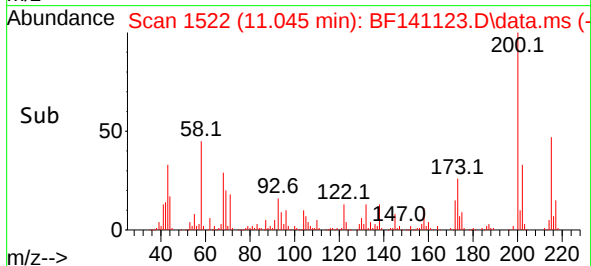
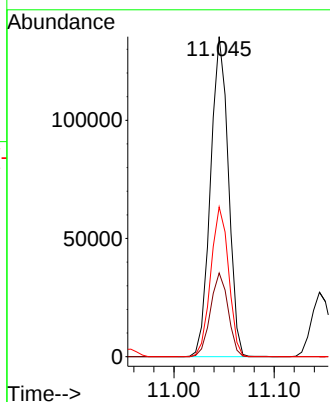
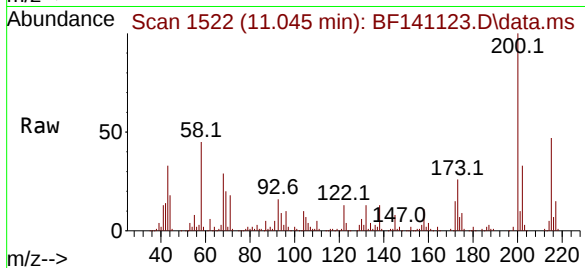
Tgt Ion:200 Resp: 167564

Ion Ratio Lower Upper

200 100

173 26.2 5.4 45.4

215 46.8 26.6 66.6



#70

Pentachlorophenol

Concen: 42.252 ng

RT: 11.145 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

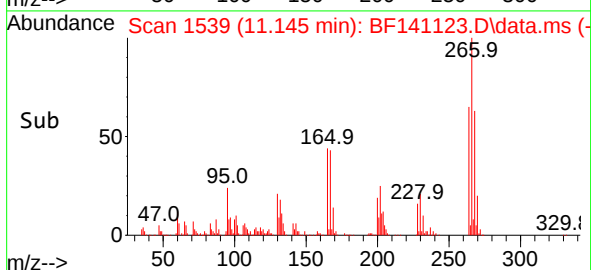
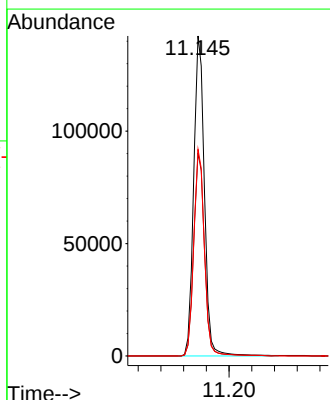
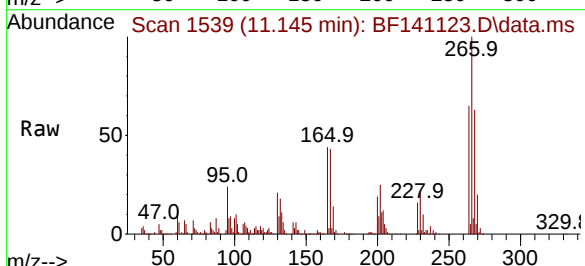
Tgt Ion:266 Resp: 187585

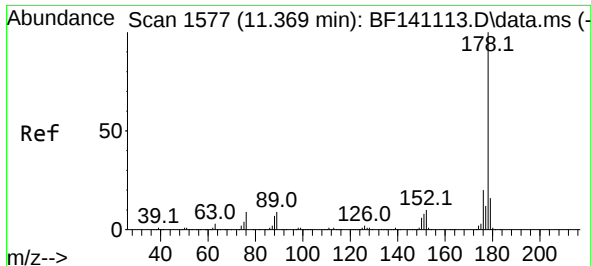
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 64.5 50.2 75.2

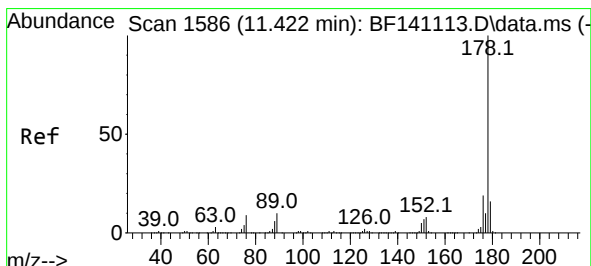
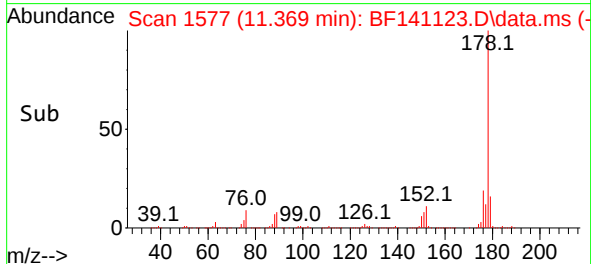
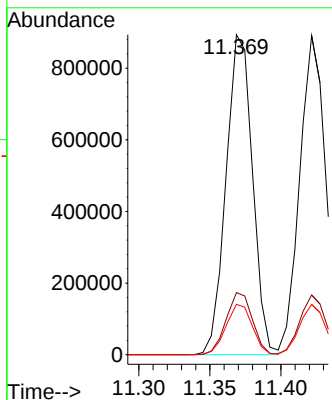
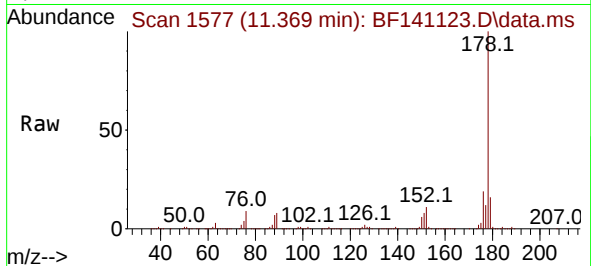




#71  
Phenanthrene  
Concen: 39.916 ng  
RT: 11.369 min Scan# 1577  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

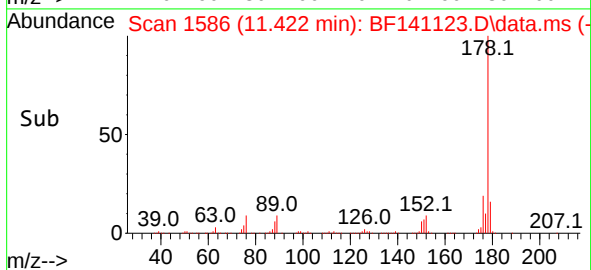
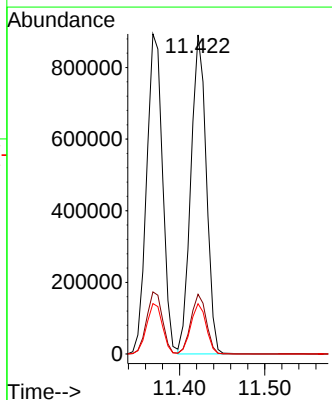
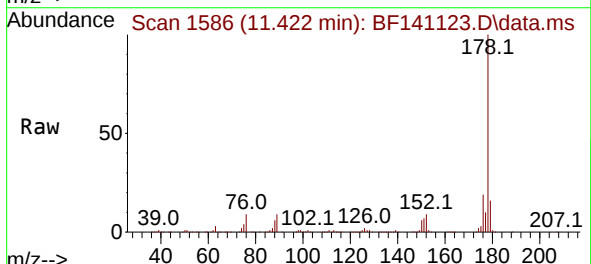
Instrument :  
BNA\_F  
ClientSampleId :

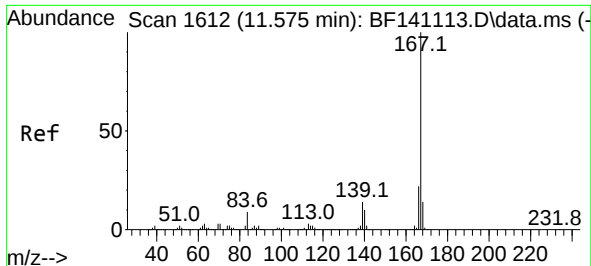
Tgt Ion:178 Resp: 1159199  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.7 23.5  
179 15.7 12.6 19.0



#72  
Anthracene  
Concen: 39.714 ng  
RT: 11.422 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

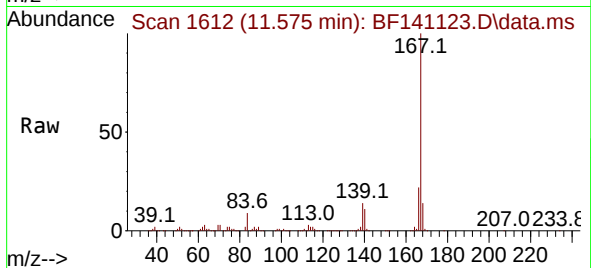
Tgt Ion:178 Resp: 1121447  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.9 22.3  
179 15.8 12.6 19.0





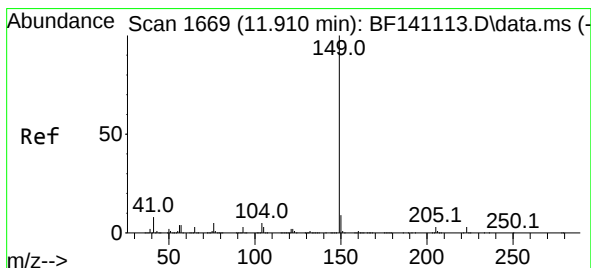
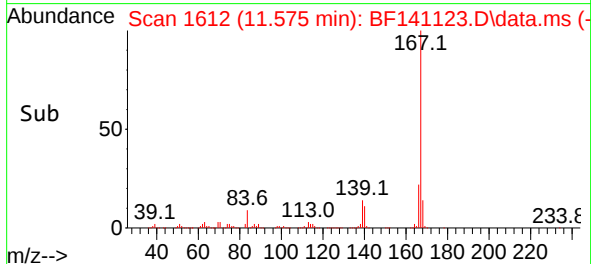
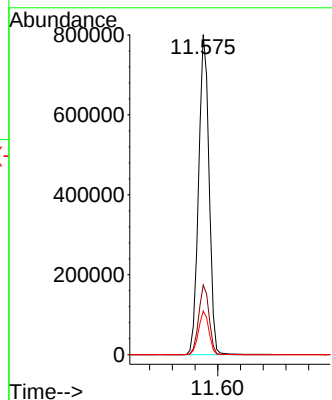
#73  
 Carbazole  
 Concen: 39.675 ng  
 RT: 11.575 min Scan# 1612  
 Delta R.T. -0.000 min  
 Lab File: BF141123.D  
 Acq: 13 Jan 2025 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:167 Resp: 1027268

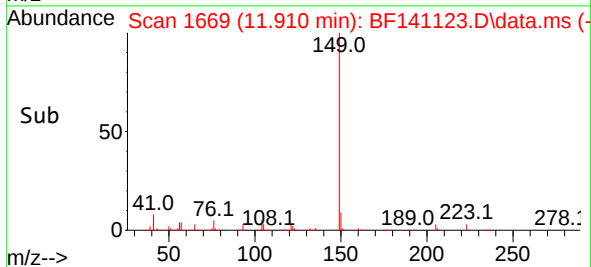
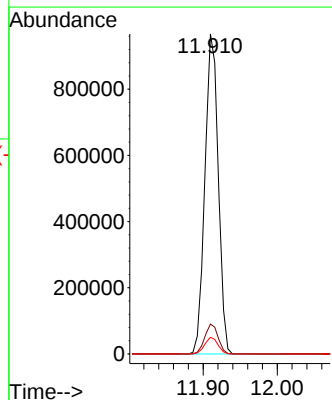
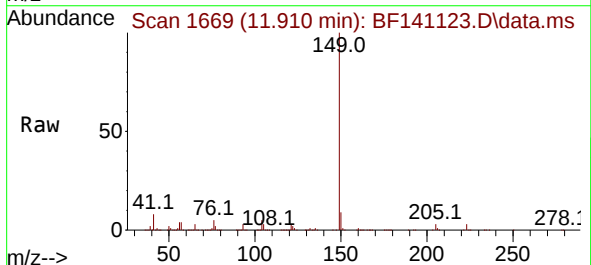
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.8  | 17.4  | 26.2  |
| 139 | 13.6  | 10.9  | 16.3  |

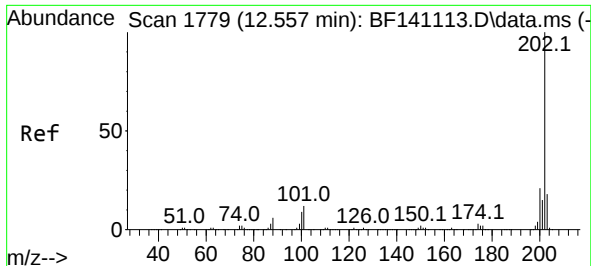


#74  
 Di-n-butylphthalate  
 Concen: 40.836 ng  
 RT: 11.910 min Scan# 1669  
 Delta R.T. -0.000 min  
 Lab File: BF141123.D  
 Acq: 13 Jan 2025 11:11

Tgt Ion:149 Resp: 1210038

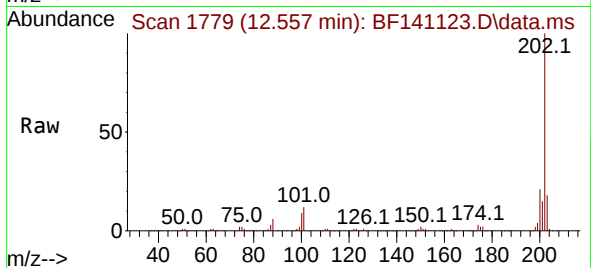
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.4   | 11.2  |
| 104 | 5.2   | 4.2   | 6.2   |



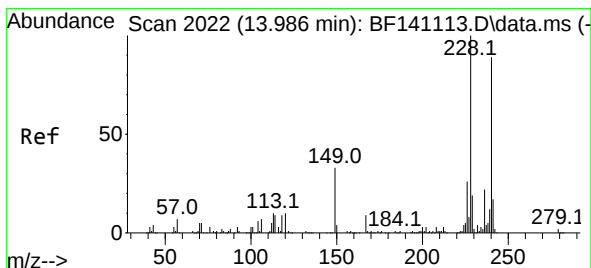
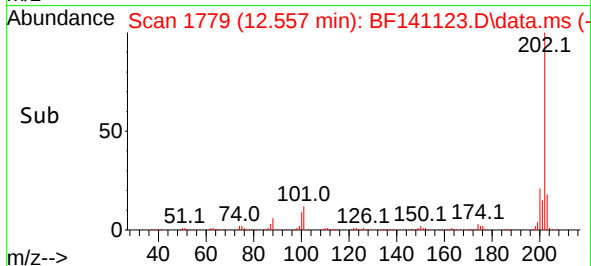
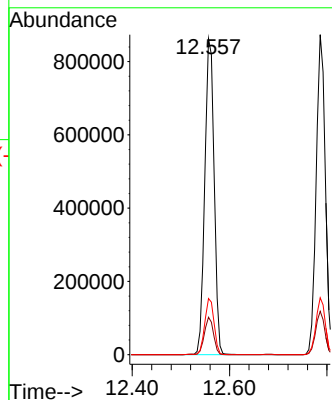


#75  
Fluoranthene  
Concen: 39.571 ng  
RT: 12.557 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Instrument :  
BNA\_F  
ClientSampleId :

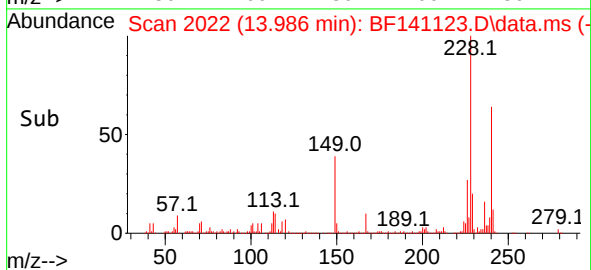
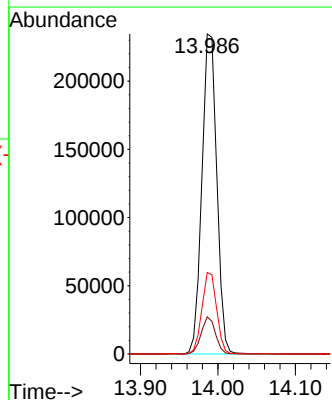
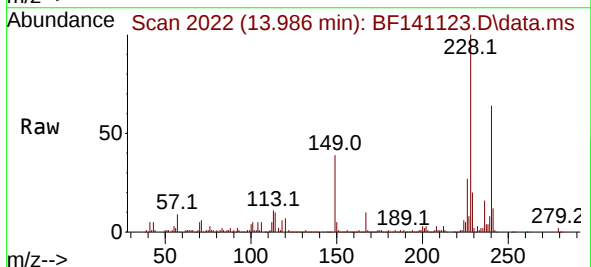


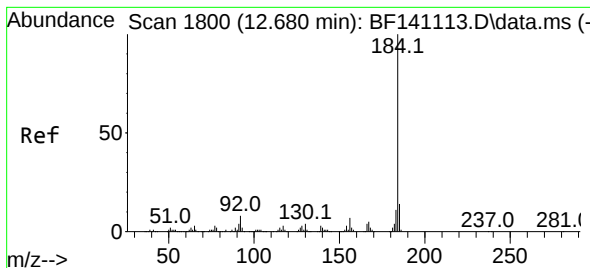
Tgt Ion:202 Resp: 1146760  
Ion Ratio Lower Upper  
202 100  
101 11.8 0.0 32.3  
203 17.8 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.986 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:240 Resp: 313187  
Ion Ratio Lower Upper  
240 100  
120 11.6 9.1 13.7  
236 25.5 19.8 29.6





#77

Benzidine

Concen: 42.088 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :

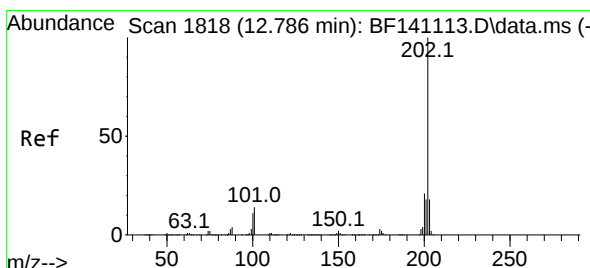
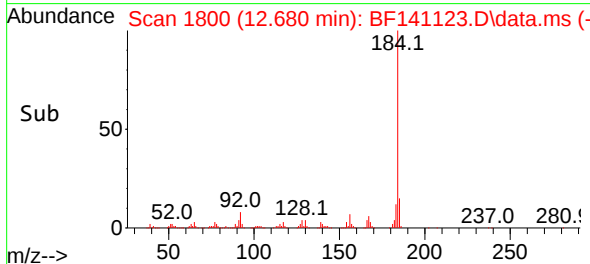
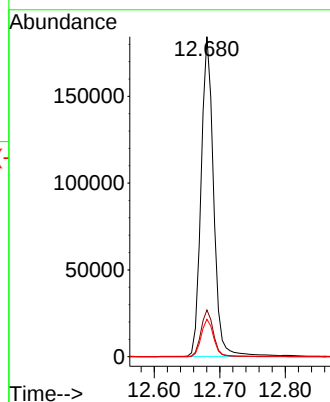
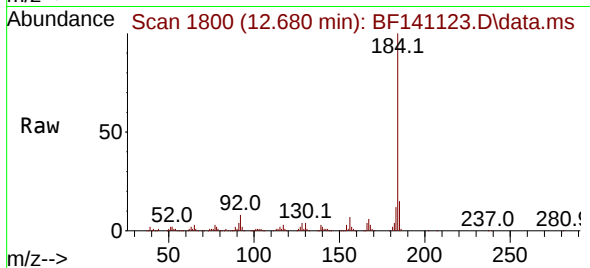
Tgt Ion:184 Resp: 244443

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.0

183 11.7 9.2 13.8



#78

Pyrene

Concen: 37.947 ng

RT: 12.786 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

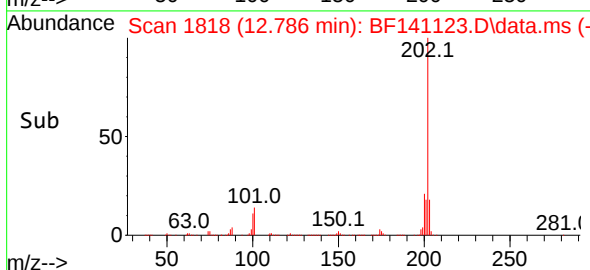
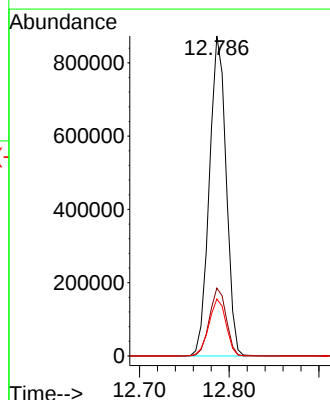
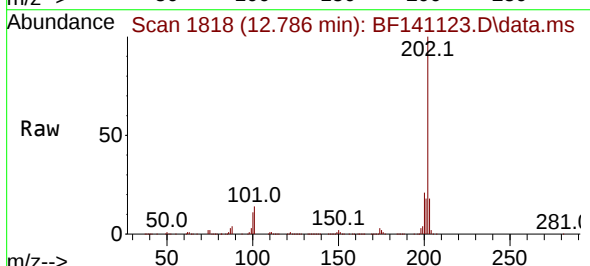
Tgt Ion:202 Resp: 1135116

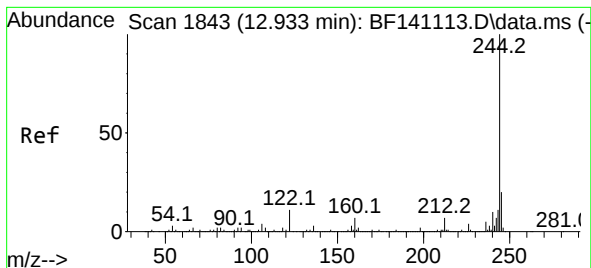
Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 76.582 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

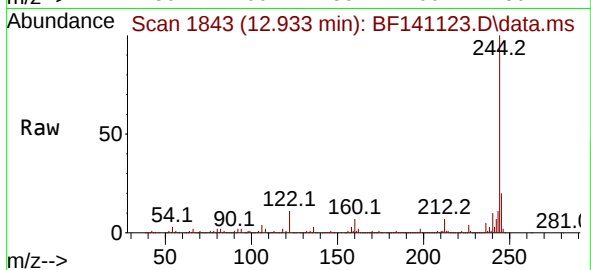
Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :



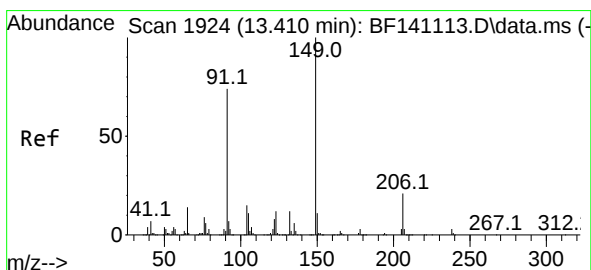
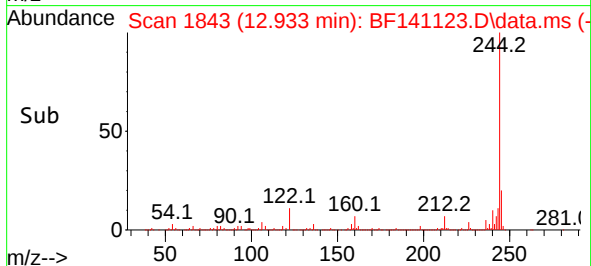
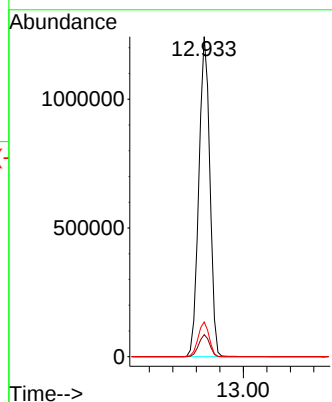
Tgt Ion:244 Resp: 1613689

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.9 8.8 13.2



#80

Butylbenzylphthalate

Concen: 39.346 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

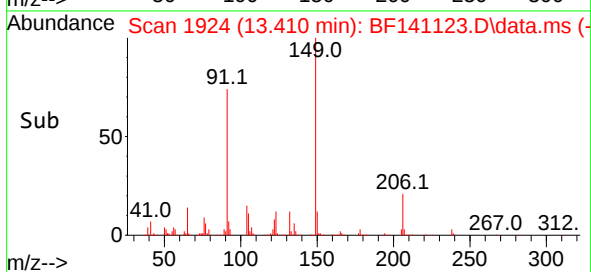
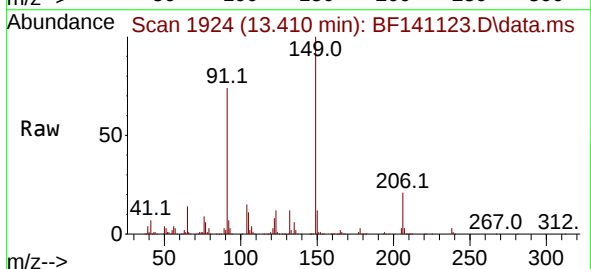
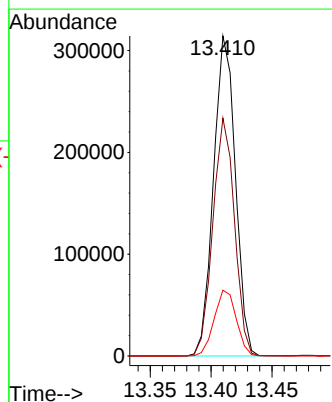
Tgt Ion:149 Resp: 392413

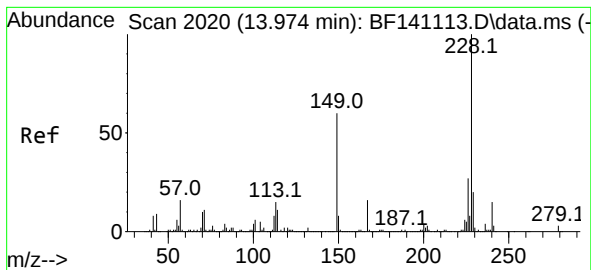
Ion Ratio Lower Upper

149 100

91 74.3 59.0 88.6

206 20.6 16.5 24.7





#81

Benzo(a)anthracene

Concen: 37.667 ng

RT: 13.980 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :

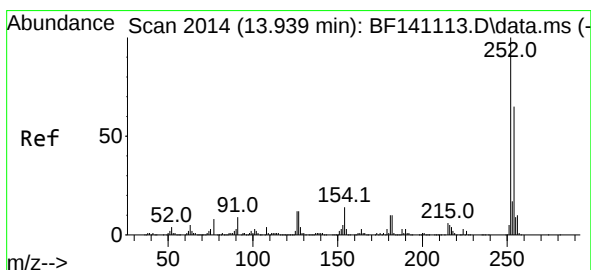
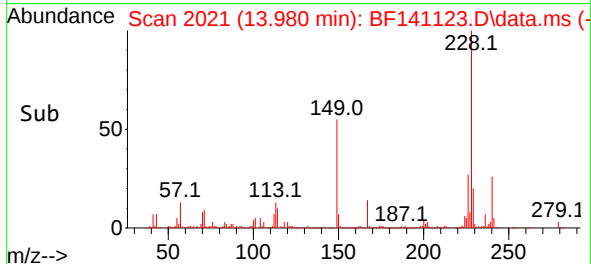
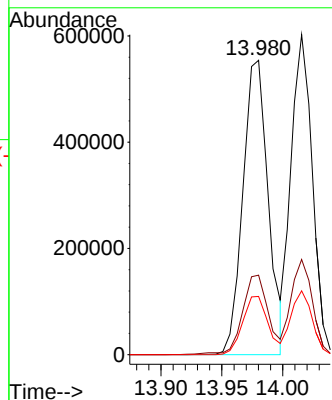
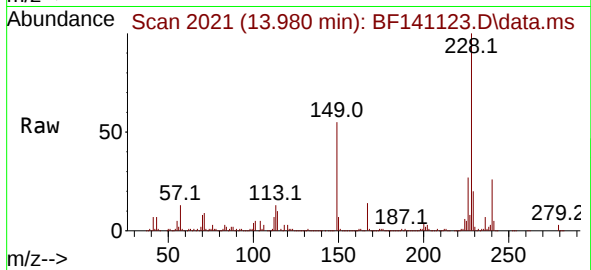
Tgt Ion:228 Resp: 802852

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.148 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

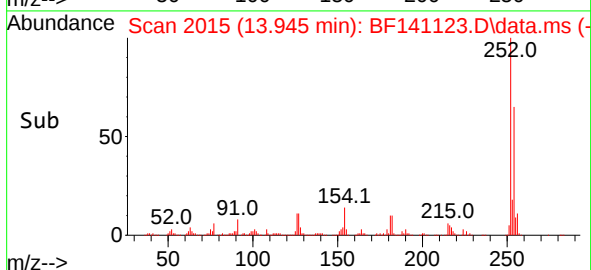
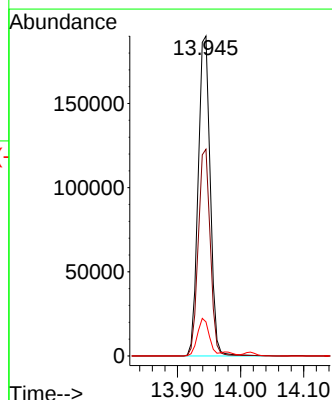
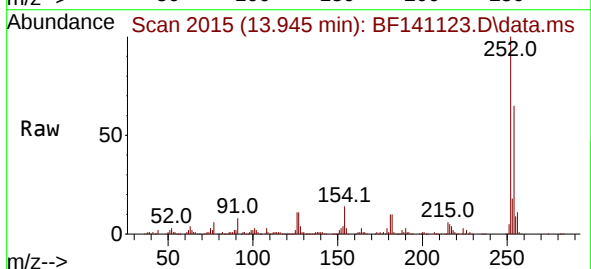
Tgt Ion:252 Resp: 252118

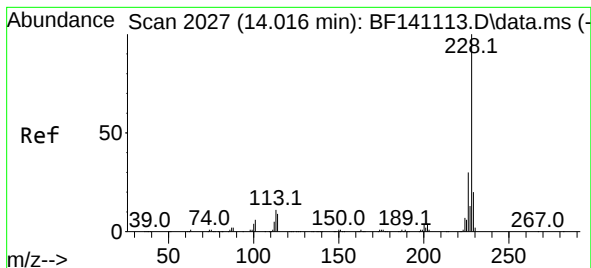
Ion Ratio Lower Upper

252 100

254 64.6 52.0 78.0

126 10.7 9.4 14.0





#83

Chrysene

Concen: 36.842 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :

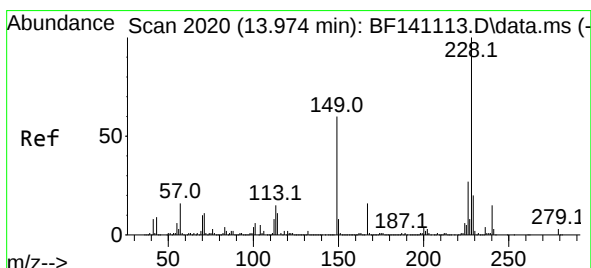
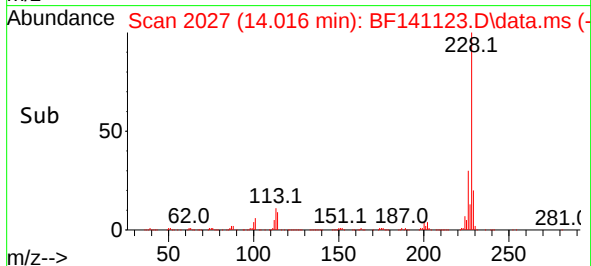
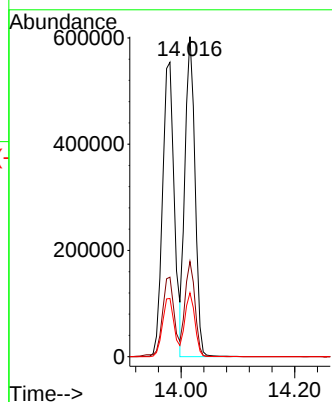
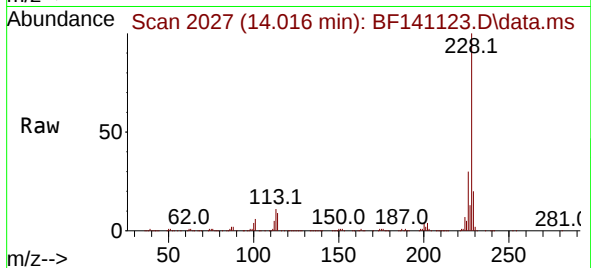
Tgt Ion:228 Resp: 734753

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.033 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

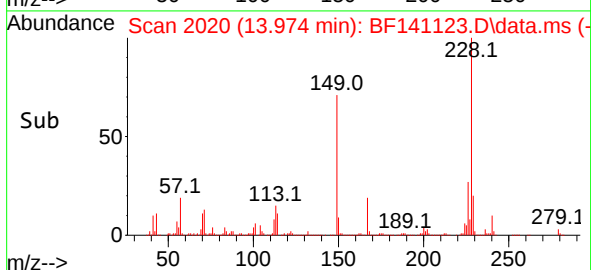
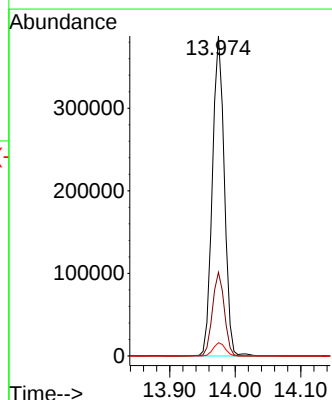
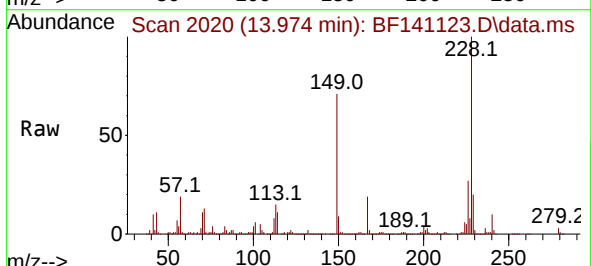
Tgt Ion:149 Resp: 491024

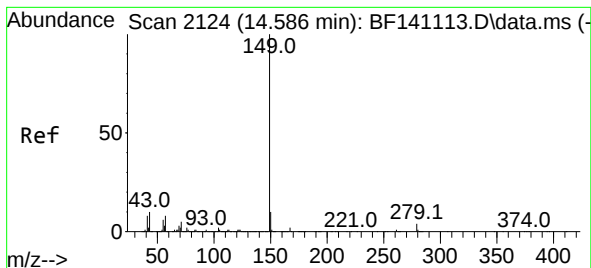
Ion Ratio Lower Upper

149 100

167 26.1 21.4 32.2

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 39.959 ng

RT: 14.598 min Scan# 2126

Delta R.T. 0.012 min

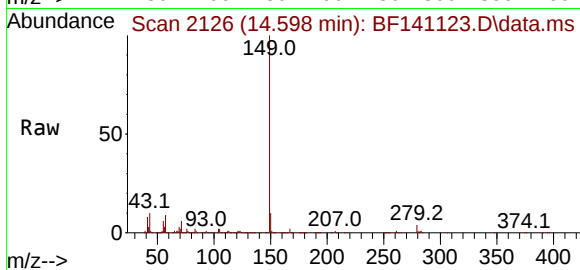
Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :



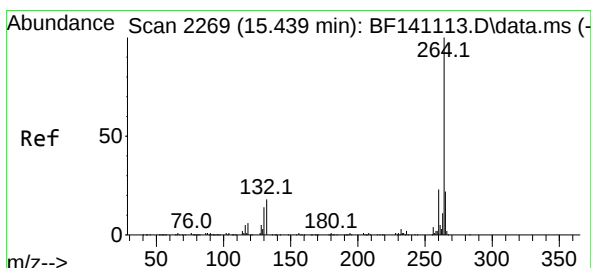
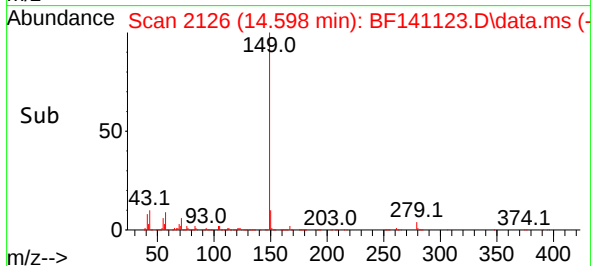
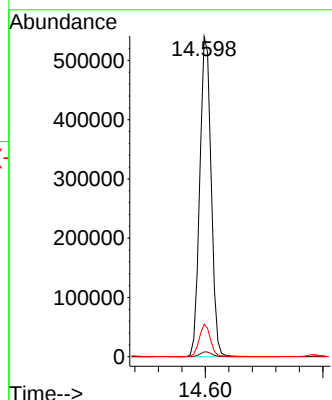
Tgt Ion:149 Resp: 722072

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.9 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: BF141123.D

Acq: 13 Jan 2025 11:11

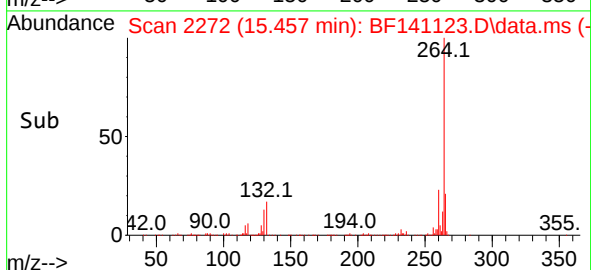
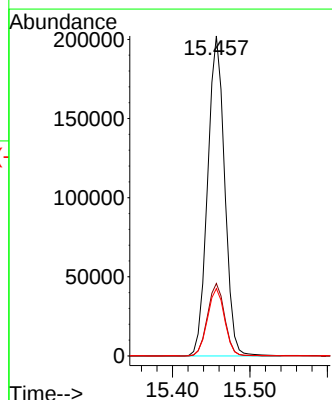
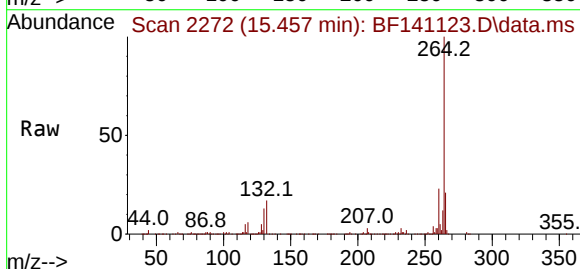
Tgt Ion:264 Resp: 308567

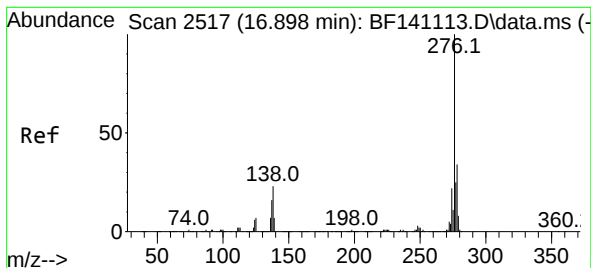
Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

265 21.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.039 ng

RT: 16.915 min Scan# 21

Delta R.T. 0.018 min

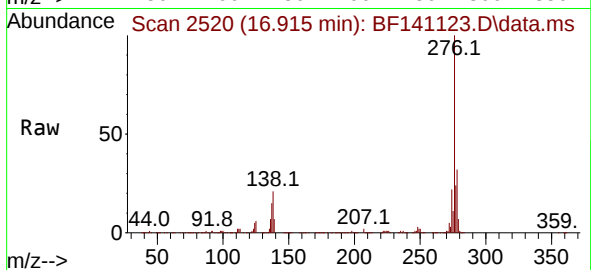
Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

Instrument :

BNA\_F

ClientSampleId :



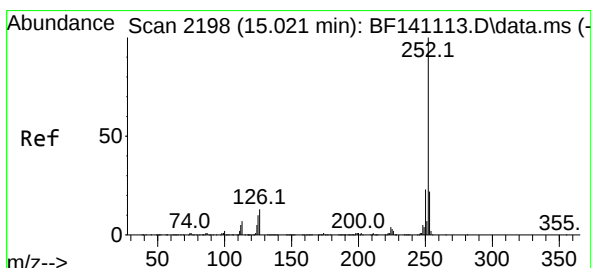
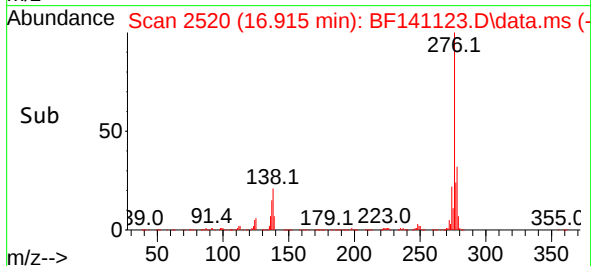
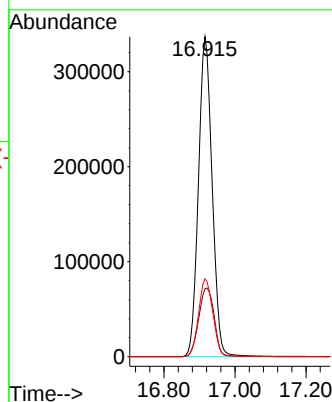
Tgt Ion:276 Resp: 905133

Ion Ratio Lower Upper

276 100

138 24.3 20.7 31.1

277 25.4 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 36.415 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141123.D

Acq: 13 Jan 2025 11:11

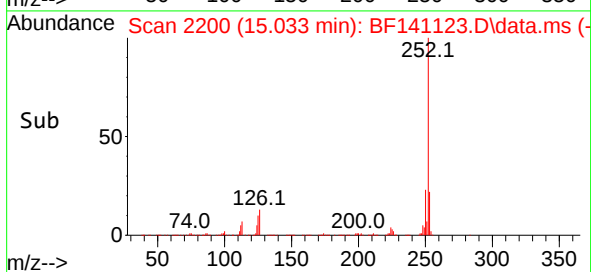
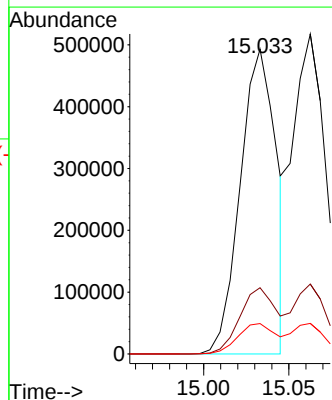
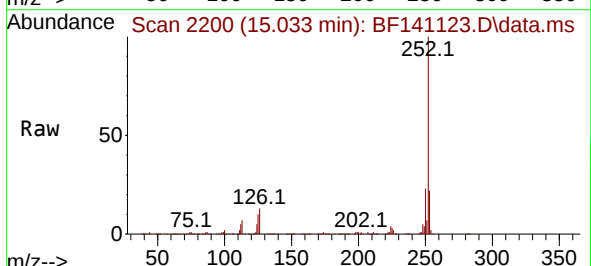
Tgt Ion:252 Resp: 724560

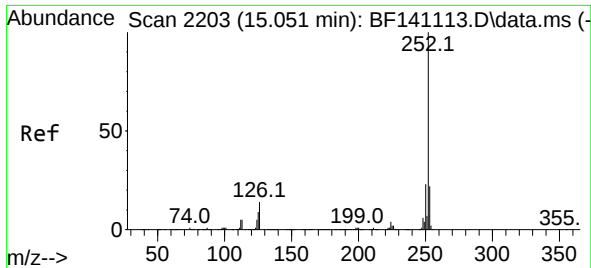
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.0 8.1 12.1

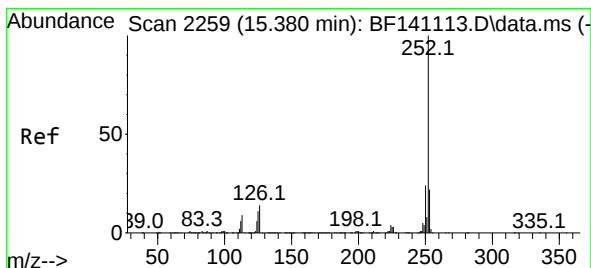
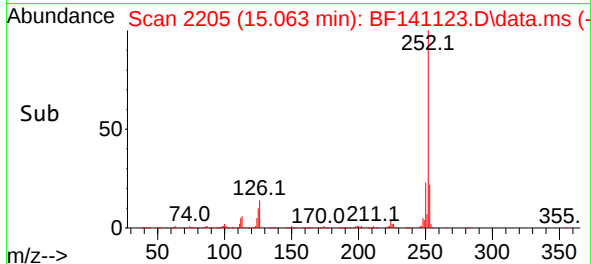
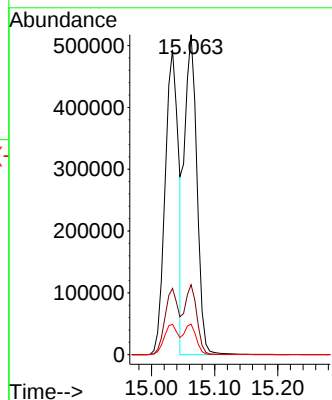
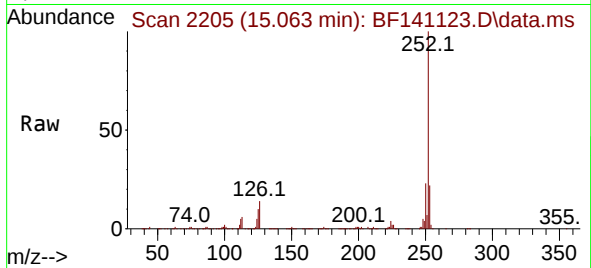




#89  
Benzo(k)fluoranthene  
Concen: 41.984 ng  
RT: 15.063 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

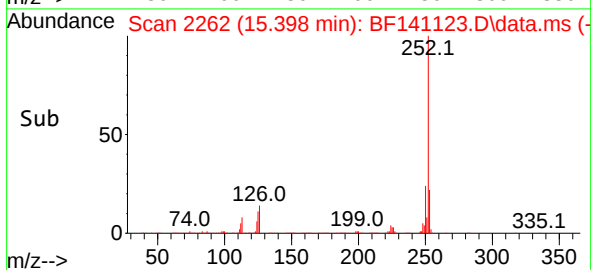
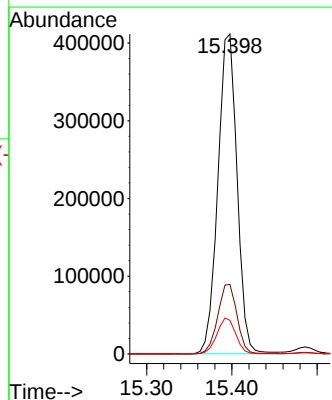
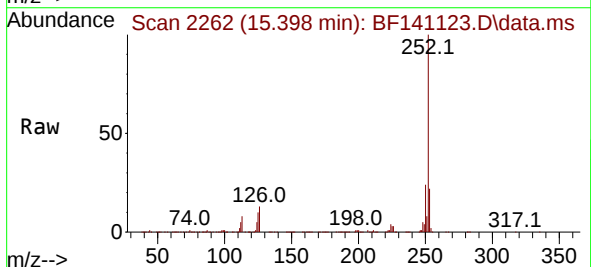
Instrument :  
BNA\_F  
ClientSampleId :

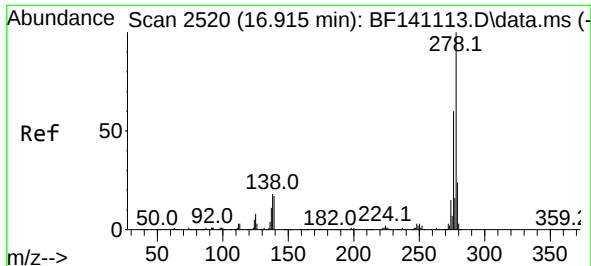
Tgt Ion:252 Resp: 705967  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 9.6 7.9 11.9



#90  
Benzo(a)pyrene  
Concen: 39.281 ng  
RT: 15.398 min Scan# 2262  
Delta R.T. 0.018 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

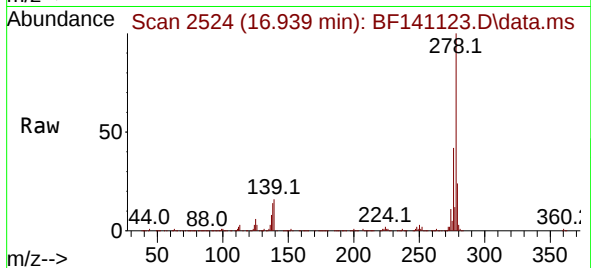
Tgt Ion:252 Resp: 644858  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.7 26.5  
125 10.5 9.1 13.7



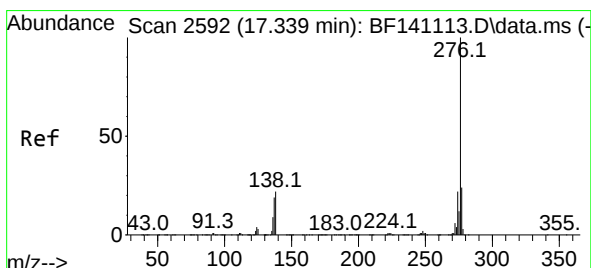
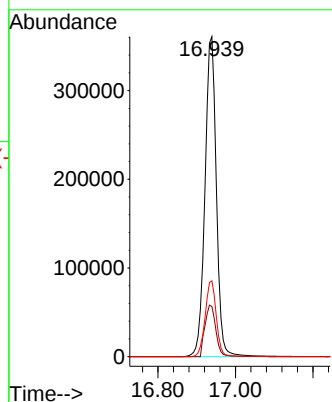
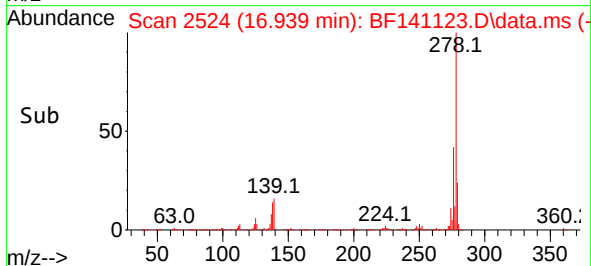


#91  
Dibenzo(a,h)anthracene  
Concen: 40.328 ng  
RT: 16.939 min Scan# 2524  
Delta R.T. 0.023 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:278 Resp: 737375  
Ion Ratio Lower Upper  
278 100  
139 15.7 13.8 20.6  
279 23.7 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 40.679 ng  
RT: 17.356 min Scan# 2595  
Delta R.T. 0.018 min  
Lab File: BF141123.D  
Acq: 13 Jan 2025 11:11

Tgt Ion:276 Resp: 773644  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.0 28.4  
138 20.6 17.4 26.2

