

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021325\  
 Data File : BF141605.D  
 Acq On : 13 Feb 2025 11:00  
 Operator : RC/JU  
 Sample : PB166698BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166698BS

Quant Time: Feb 13 11:24:13 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.787  | 152  | 92398    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.069  | 136  | 371905   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 204526   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.310 | 188  | 347247   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.957 | 240  | 234201   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.421 | 264  | 187533   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 799598   | 135.670 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.434  | 99   | 1002580  | 134.590 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 664652   | 93.215  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 284291   | 138.371 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 1257263  | 94.706  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.898 | 244  | 1424579  | 102.687 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.593  | 88   | 97989    | 41.309  | ng    | 98       |
| 3) Pyridine                   | 3.328  | 79   | 226534   | 40.133  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.275  | 42   | 150563   | 40.283  | ng    | 95       |
| 6) Aniline                    | 6.451  | 93   | 255548   | 36.571  | ng    | # 76     |
| 8) 2-Chlorophenol             | 6.575  | 128  | 280392   | 44.029  | ng    | 99       |
| 9) Benzaldehyde               | 6.339  | 77   | 142144   | 35.909  | ng    | 99       |
| 10) Phenol                    | 6.445  | 94   | 330723   | 42.657  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.528  | 93   | 273305   | 46.932  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.728  | 146  | 289825   | 43.108  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.804  | 146  | 296721   | 43.196  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.957  | 146  | 280799   | 44.044  | ng    | 100      |
| 15) Benzyl Alcohol            | 6.934  | 79   | 241507   | 42.278  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063  | 45   | 422693   | 42.402  | ng    | 80       |
| 17) 2-Methylphenol            | 7.051  | 107  | 216323   | 43.407  | ng    | 98       |
| 18) Hexachloroethane          | 7.298  | 117  | 111477   | 43.851  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 194158   | 43.574  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.204  | 107  | 279252   | 44.091  | ng    | 98       |
| 22) Acetophenone              | 7.198  | 105  | 426334   | 46.084  | ng    | 96       |
| 24) Nitrobenzene              | 7.375  | 77   | 291396   | 41.910  | ng    | 98       |
| 25) Isophorone                | 7.610  | 82   | 516031   | 45.389  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.686  | 139  | 150302   | 43.450  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 223197   | 55.231  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.822  | 93   | 318949   | 43.781  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.934  | 162  | 236209   | 43.261  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.010  | 180  | 254957   | 42.879  | ng    | 100      |
| 31) Naphthalene               | 8.092  | 128  | 804231   | 41.543  | ng    | 100      |
| 32) Benzoic acid              | 7.869  | 122  | 176172   | 41.970  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.151  | 127  | 98256    | 14.537  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.204  | 225  | 156353   | 43.802  | ng    | 100      |
| 35) Caprolactam               | 8.557  | 113  | 31282    | 18.817  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.639  | 107  | 257961   | 42.651  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.781  | 142  | 516312   | 40.985  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.880  | 142  | 500500   | 41.021  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.951  | 216  | 281180   | 47.519  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.933  | 237  | 292707   | 148.725 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.069  | 196  | 167235   | 43.729  | ng    | 98       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.116  | 196  | 178270   | 43.011 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.245  | 154  | 746887   | 47.103 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.275  | 162  | 514461   | 43.876 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.375  | 65   | 169174   | 42.991 | ng    | 97       |
| 49) Acenaphthylene            | 9.686  | 152  | 784819   | 45.000 | ng    | 99       |
| 50) Dimethylphthalate         | 9.551  | 163  | 615531   | 44.331 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.616  | 165  | 133794   | 44.079 | ng    | 97       |
| 52) Acenaphthene              | 9.857  | 154  | 495982   | 42.302 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.786  | 138  | 89201    | 27.305 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.898  | 184  | 152925   | 84.772 | ng    | 92       |
| 55) Dibenzofuran              | 10.033 | 168  | 708386   | 41.161 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.963  | 139  | 208415   | 85.940 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.022 | 165  | 180086   | 44.568 | ng    | 98       |
| 58) Fluorene                  | 10.375 | 166  | 569757   | 42.817 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.151 | 232  | 154648   | 43.339 | ng    | 96       |
| 60) Diethylphthalate          | 10.251 | 149  | 594740   | 43.536 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.363 | 204  | 275984   | 43.111 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.404 | 138  | 138106   | 41.633 | ng    | 96       |
| 63) Azobenzene                | 10.527 | 77   | 568098   | 41.831 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.433 | 198  | 101267   | 41.982 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.486 | 169  | 503913   | 45.333 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248  | 173670   | 44.749 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.922 | 284  | 182942   | 45.778 | ng    | 99       |
| 69) Atrazine                  | 11.016 | 200  | 187022   | 56.083 | ng    | 99       |
| 70) Pentachlorophenol         | 11.122 | 266  | 203528   | 79.649 | ng    | 97       |
| 71) Phenanthrene              | 11.339 | 178  | 856637   | 44.816 | ng    | 100      |
| 72) Anthracene                | 11.386 | 178  | 880692   | 45.835 | ng    | 100      |
| 73) Carbazole                 | 11.545 | 167  | 755125   | 43.676 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.874 | 149  | 906775   | 45.422 | ng    | 100      |
| 75) Fluoranthene              | 12.521 | 202  | 886870   | 43.764 | ng    | 99       |
| 77) Benzidine                 | 12.651 | 184  | 290464   | 56.235 | ng    | 99       |
| 78) Pyrene                    | 12.751 | 202  | 882850   | 44.282 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.374 | 149  | 335220   | 48.544 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.945 | 228  | 676642   | 43.463 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.910 | 252  | 140362   | 31.474 | ng    | 98       |
| 83) Chrysene                  | 13.986 | 228  | 647171   | 45.021 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.933 | 149  | 404755   | 51.969 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.562 | 149  | 560303   | 50.429 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.868 | 276  | 552240   | 47.658 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.004 | 252  | 545227   | 43.300 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.027 | 252  | 491535   | 45.714 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.362 | 252  | 478095   | 46.923 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.880 | 278  | 449437   | 47.868 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.298 | 276  | 429993   | 43.763 | ng    | 100      |

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

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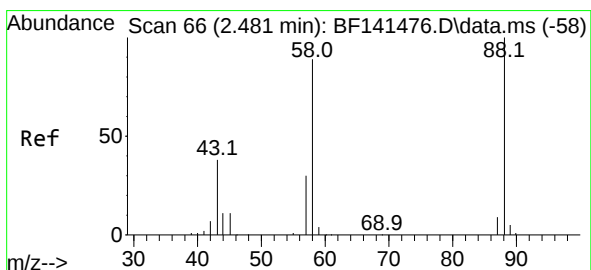
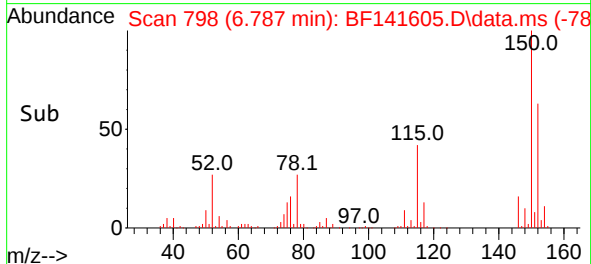
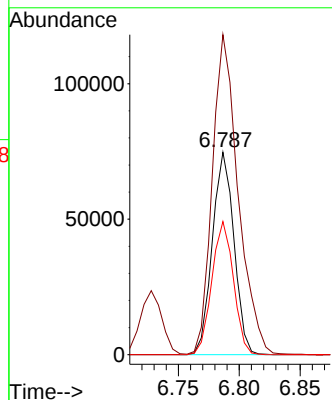
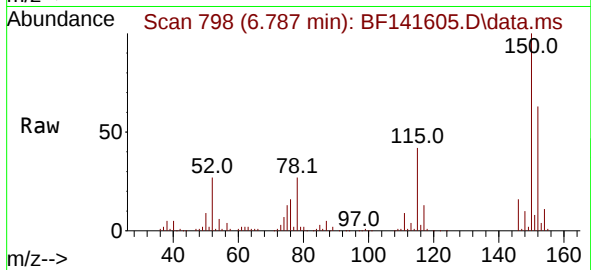




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.787 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF141605.D  
 Acq: 13 Feb 2025 11:00

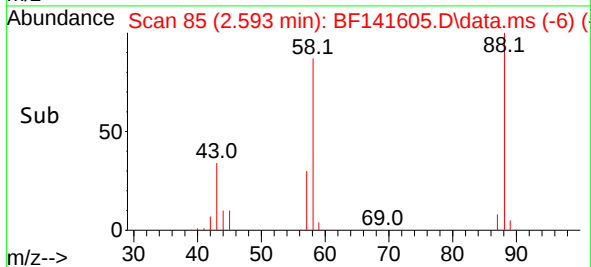
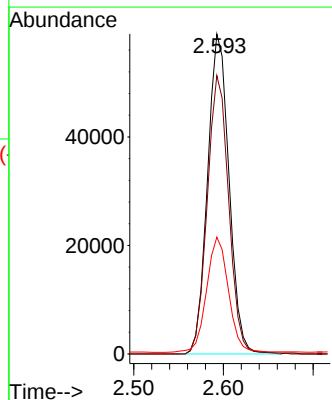
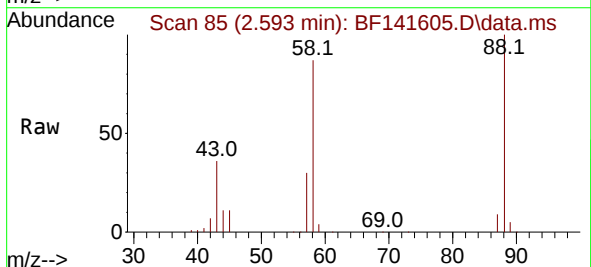
Instrument :  
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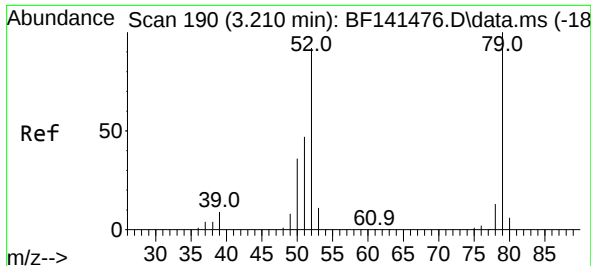
Tgt Ion:152 Resp: 92398  
 Ion Ratio Lower Upper  
 152 100  
 150 158.1 125.0 187.4  
 115 65.8 53.6 80.4



#2  
 1,4-Dioxane  
 Concen: 41.309 ng  
 RT: 2.593 min Scan# 85  
 Delta R.T. 0.112 min  
 Lab File: BF141605.D  
 Acq: 13 Feb 2025 11:00

Tgt Ion: 88 Resp: 97989  
 Ion Ratio Lower Upper  
 88 100  
 58 87.1 71.1 106.7  
 43 36.7 30.6 46.0





#3

Pyridine

Concen: 40.133 ng

RT: 3.328 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Instrument :

BNA\_F

ClientSampleId :

PB166698BS

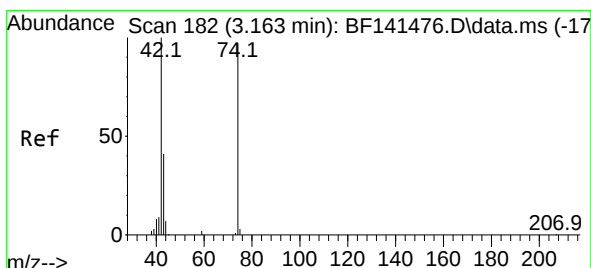
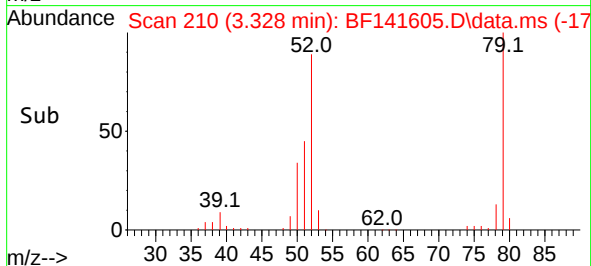
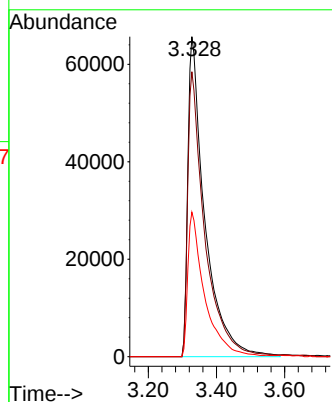
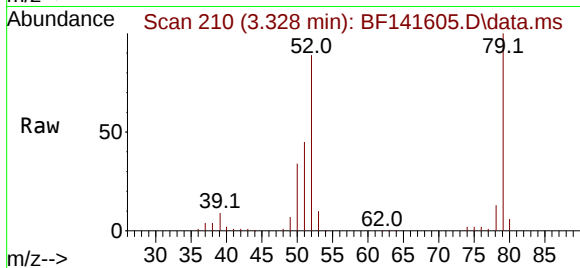
Tgt Ion: 79 Resp: 226534

Ion Ratio Lower Upper

79 100

52 89.0 73.7 110.5

51 45.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 40.283 ng

RT: 3.275 min Scan# 201

Delta R.T. 0.088 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

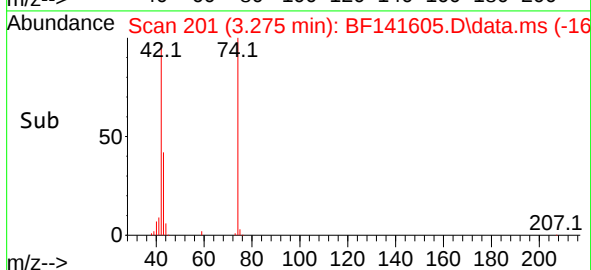
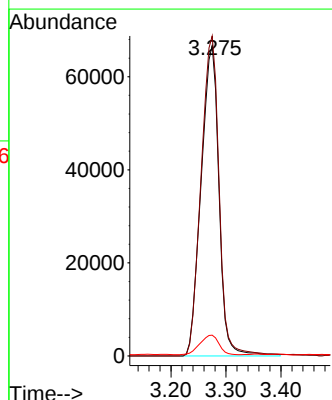
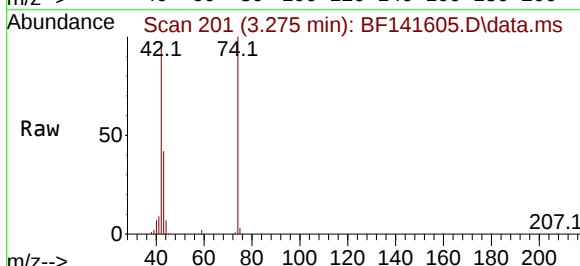
Tgt Ion: 42 Resp: 150563

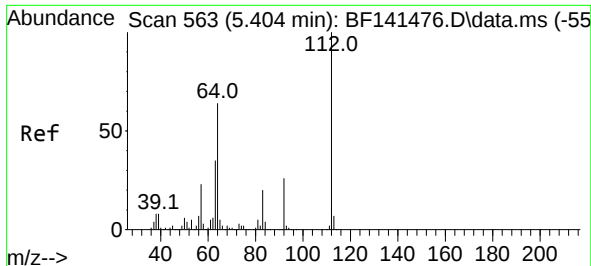
Ion Ratio Lower Upper

42 100

74 103.1 78.0 117.0

44 6.7 5.4 8.2

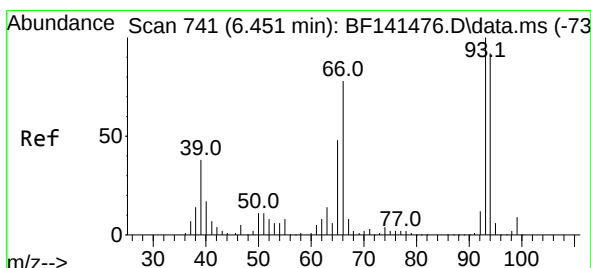
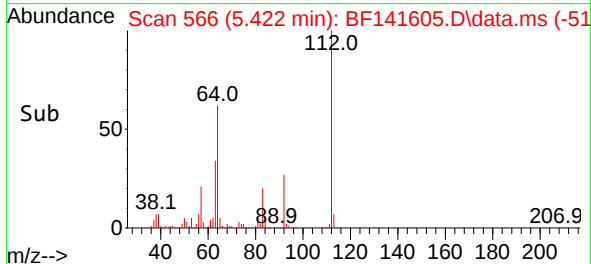
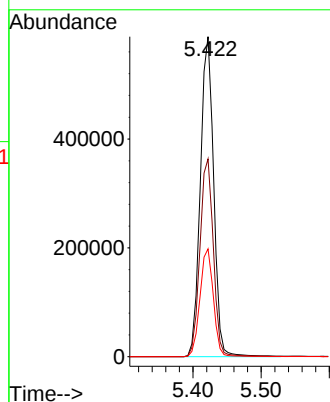
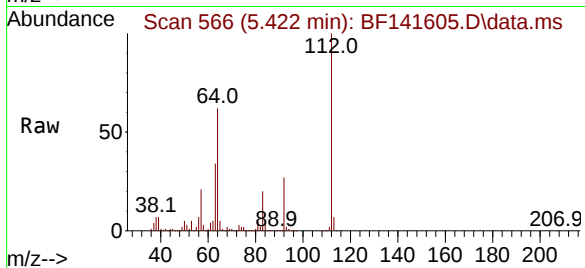




#5  
2-Fluorophenol  
Concen: 135.670 ng  
RT: 5.422 min Scan# 501  
Delta R.T. 0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

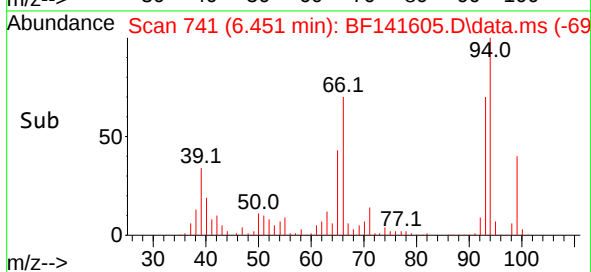
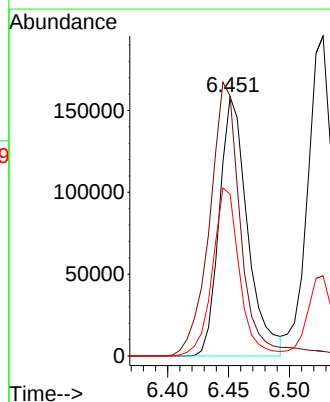
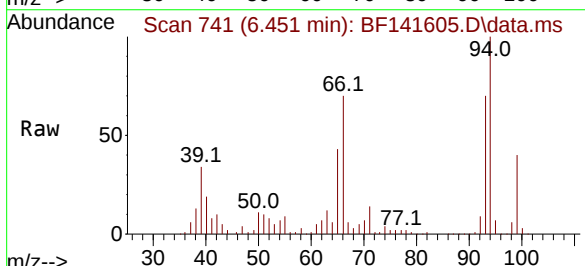
Instrument :  
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Tgt Ion:112 Resp: 799598  
Ion Ratio Lower Upper  
112 100  
64 61.8 51.1 76.7  
63 33.7 28.4 42.6



#6  
Aniline  
Concen: 36.571 ng  
RT: 6.451 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion: 93 Resp: 255548  
Ion Ratio Lower Upper  
93 100  
66 100.2 62.6 94.0#  
65 62.4 38.3 57.5#

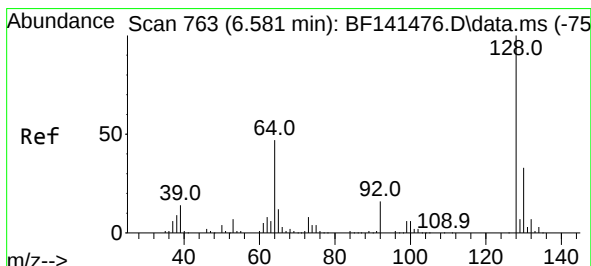
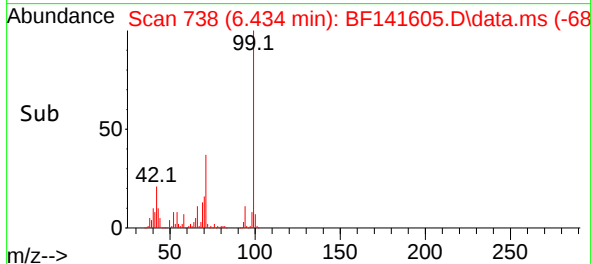
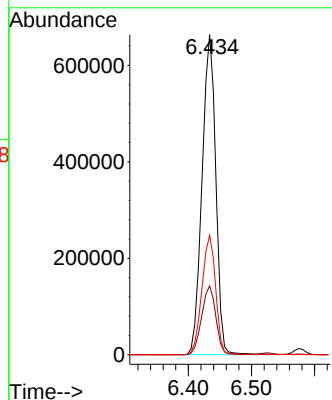
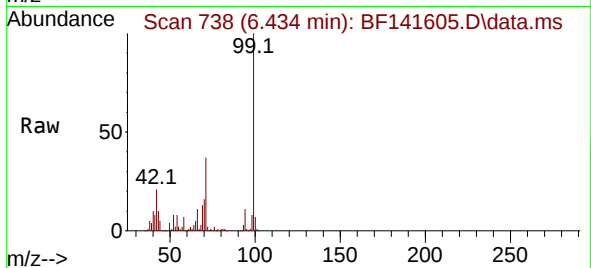




#7  
Phenol-d6  
Concen: 134.590 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

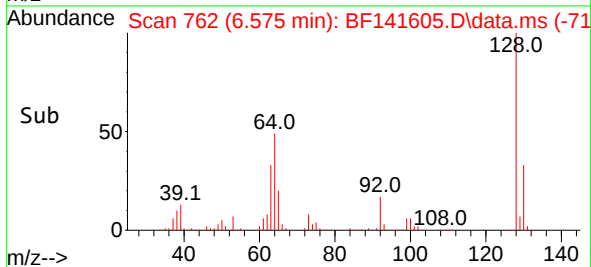
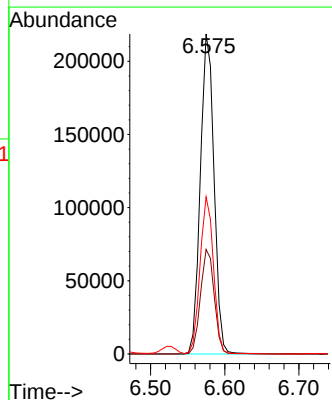
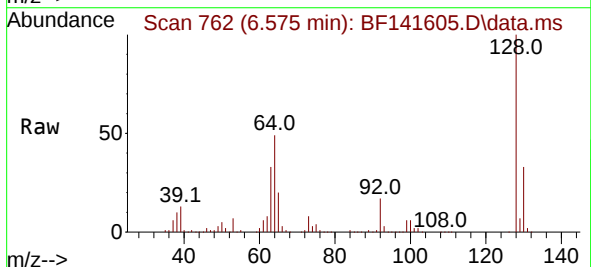
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 99 Resp: 1002580  
Ion Ratio Lower Upper  
99 100  
42 21.5 19.1 28.7  
71 37.3 31.1 46.7



#8  
2-Chlorophenol  
Concen: 44.029 ng  
RT: 6.575 min Scan# 762  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion: 128 Resp: 280392  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.7 52.7  
64 49.1 28.3 68.3

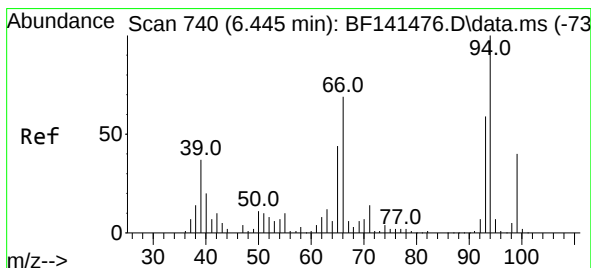
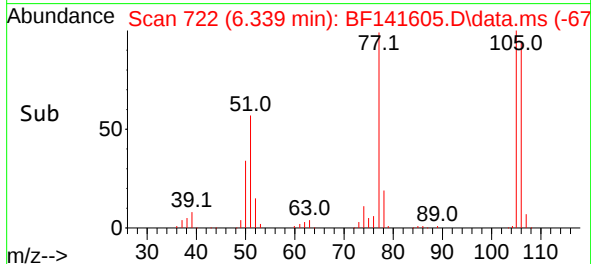
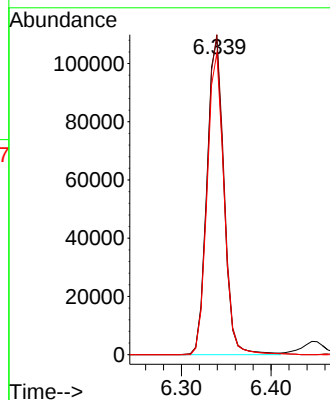
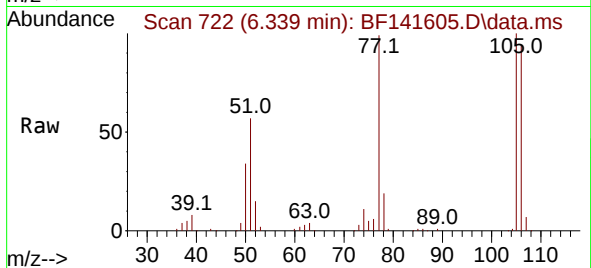




#9  
Benzaldehyde  
Concen: 35.909 ng  
RT: 6.339 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

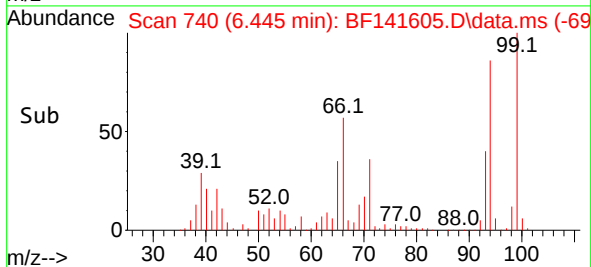
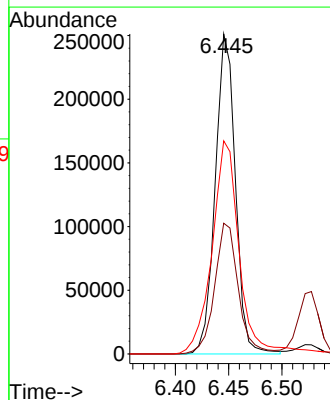
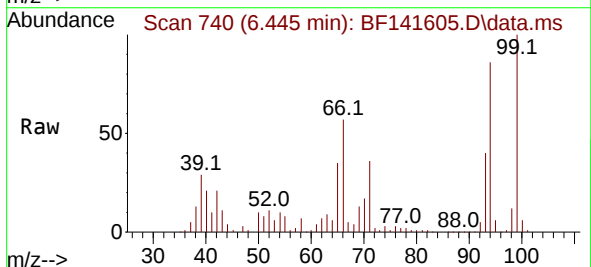
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

Tgt Ion: 77 Resp: 142144  
Ion Ratio Lower Upper  
77 100  
105 101.3 79.4 119.4  
106 95.5 75.1 115.1



#10  
Phenol  
Concen: 42.657 ng  
RT: 6.445 min Scan# 740  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion: 94 Resp: 330723  
Ion Ratio Lower Upper  
94 100  
65 40.9 23.7 63.7  
66 66.6 49.3 89.3

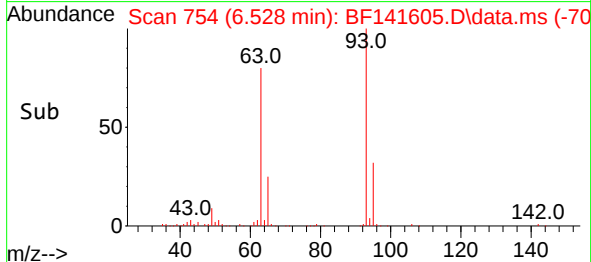
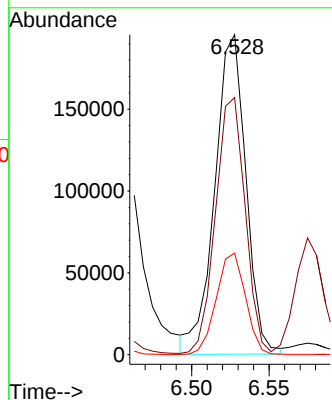
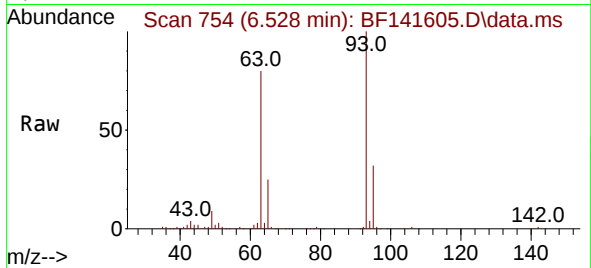




#11  
bis(2-Chloroethyl)ether  
Concen: 46.932 ng  
RT: 6.528 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

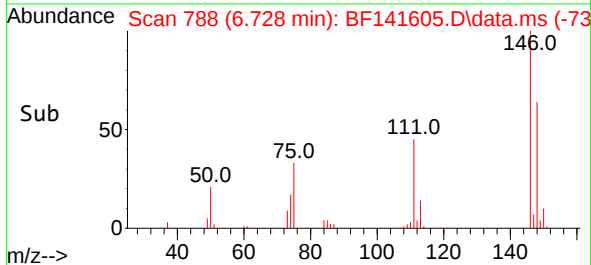
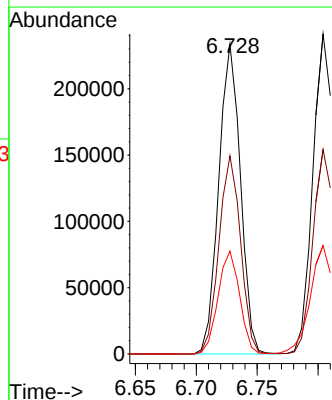
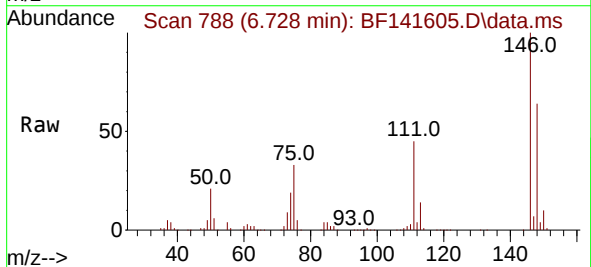
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

Tgt Ion: 93 Resp: 273305  
Ion Ratio Lower Upper  
93 100  
63 80.4 62.0 102.0  
95 31.7 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 43.108 ng  
RT: 6.728 min Scan# 788  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:146 Resp: 289825  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.9 77.9  
75 33.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 43.196 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141605.D

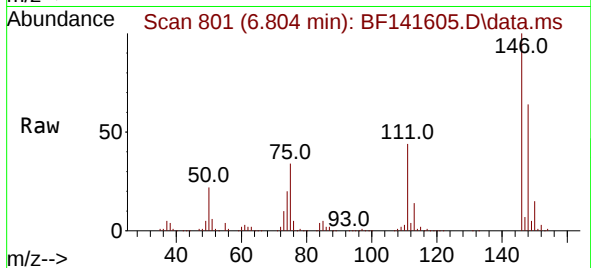
Acq: 13 Feb 2025 11:00

Instrument :

BNA\_F

ClientSampleId :

PB166698BS



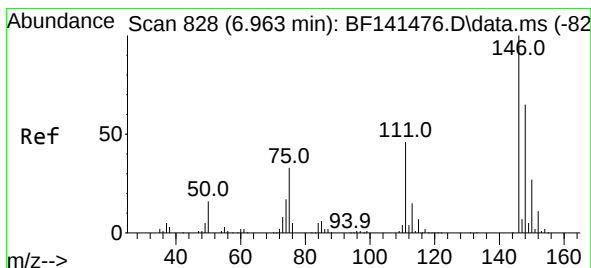
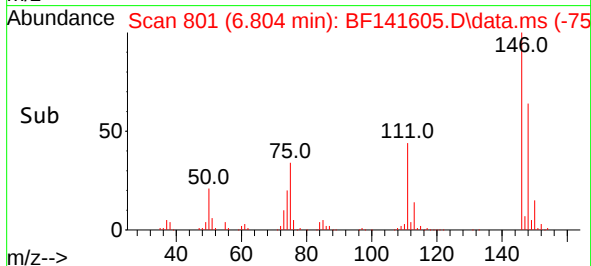
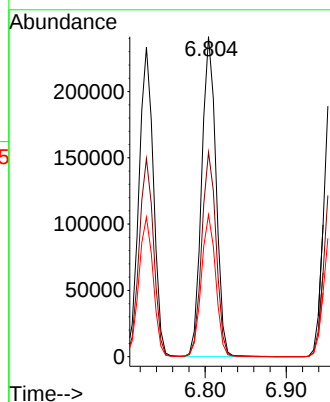
Tgt Ion:146 Resp: 296721

Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

111 44.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.044 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

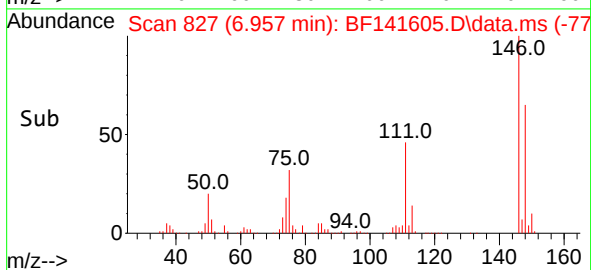
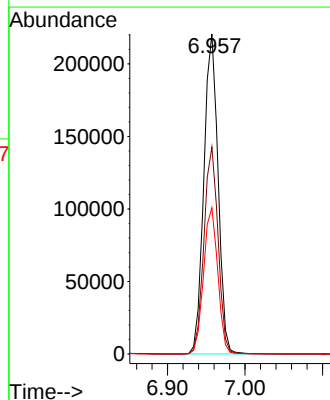
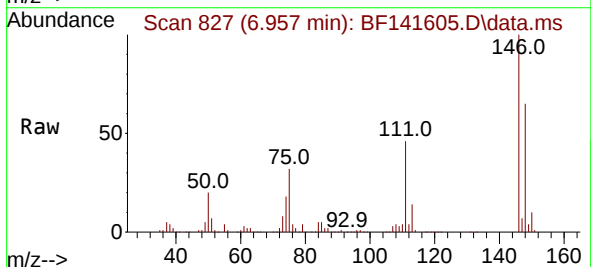
Tgt Ion:146 Resp: 280799

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

111 45.7 37.0 55.4

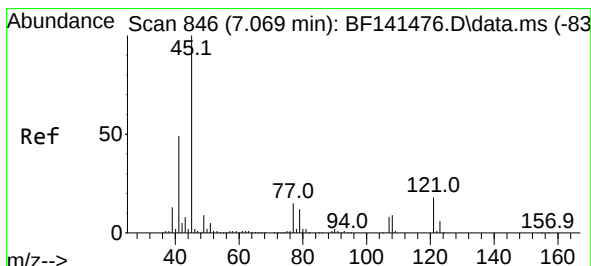
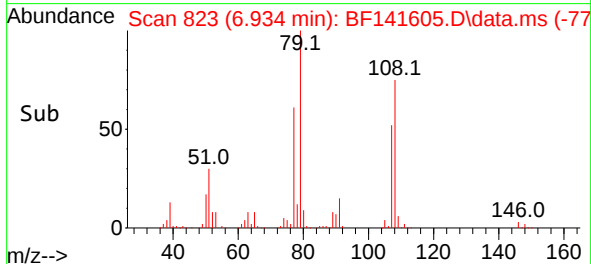
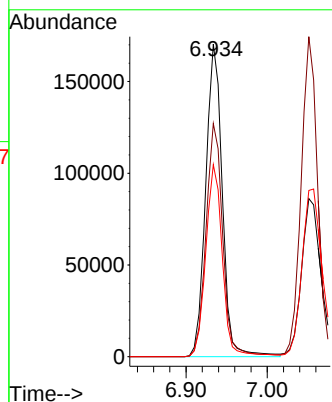
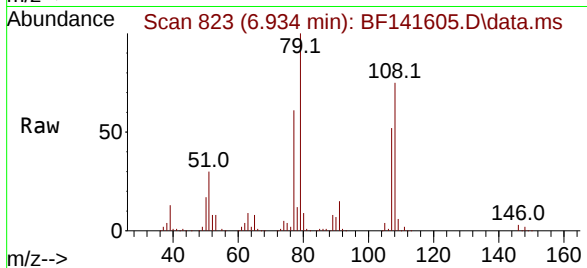




#15  
Benzyl Alcohol  
Concen: 42.278 ng  
RT: 6.934 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

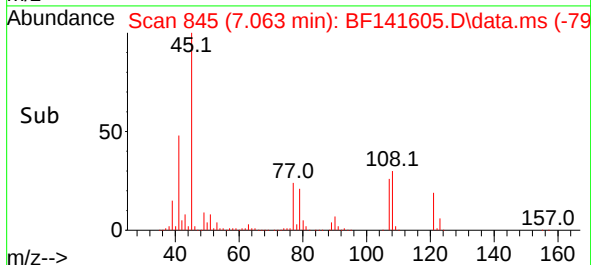
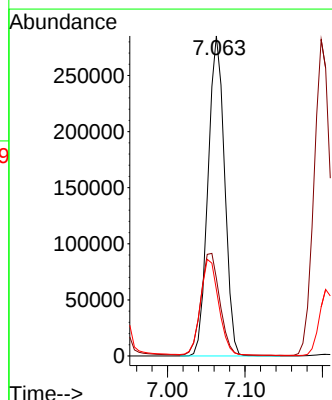
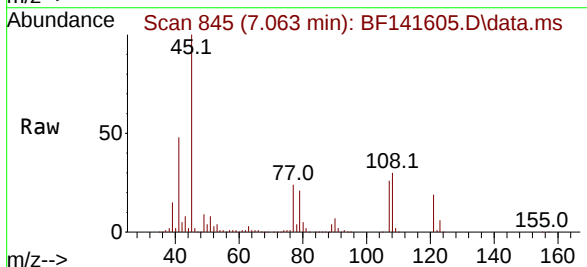
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

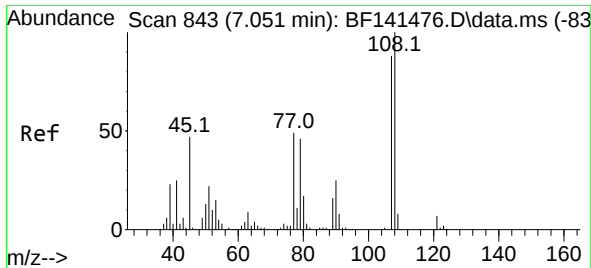
Tgt Ion: 79 Resp: 241507  
Ion Ratio Lower Upper  
79 100  
108 74.6 57.4 86.2  
77 61.4 50.9 76.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.402 ng  
RT: 7.063 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion: 45 Resp: 422693  
Ion Ratio Lower Upper  
45 100  
77 24.3 0.0 35.8  
79 20.7 0.0 32.7



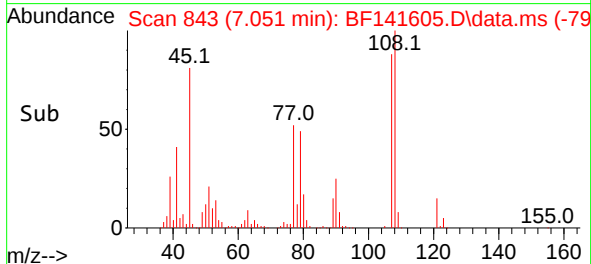
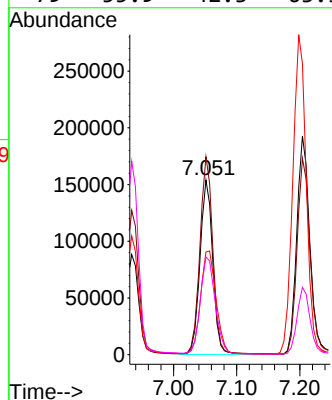
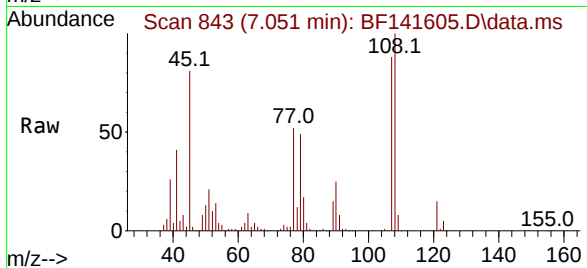


#17  
2-Methylphenol  
Concen: 43.407 ng  
RT: 7.051 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

Tgt Ion:107 Resp: 216323

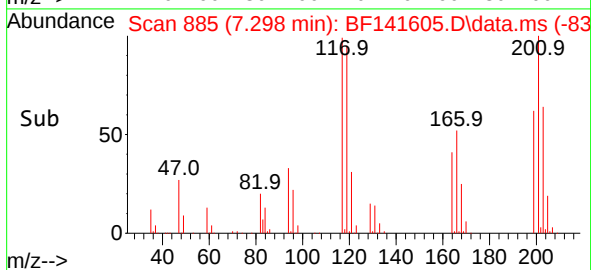
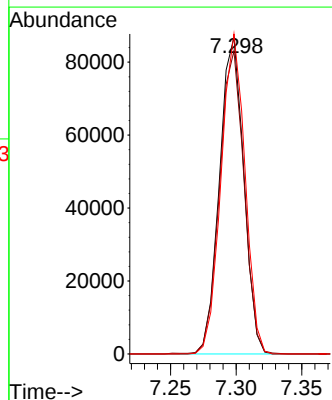
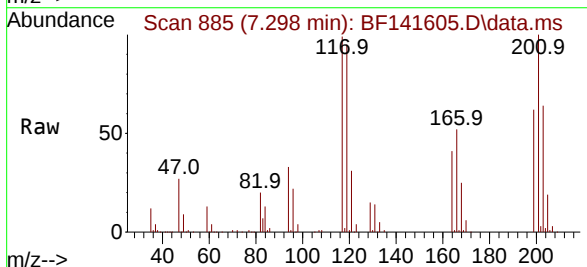
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 113.3 | 90.6  | 136.0 |
| 77  | 58.8  | 44.4  | 66.6  |
| 79  | 55.9  | 42.3  | 63.5  |



#18  
Hexachloroethane  
Concen: 43.851 ng  
RT: 7.298 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:117 Resp: 111477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.7  | 76.5  | 114.7 |
| 201 | 101.0 | 76.7  | 115.1 |



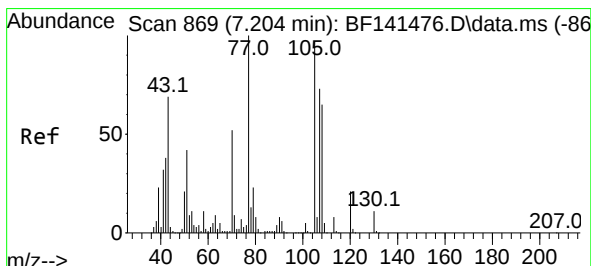
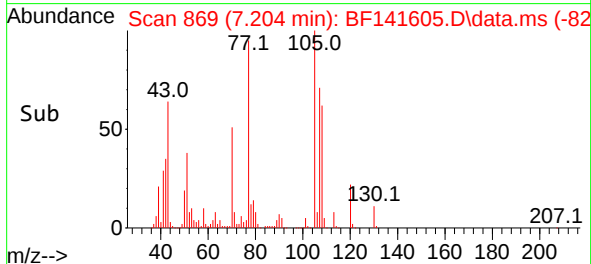
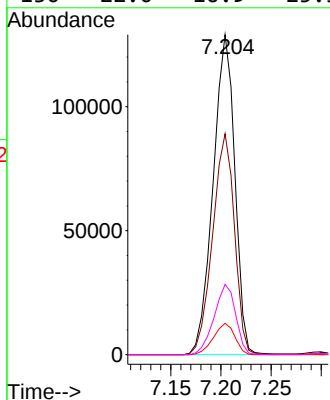
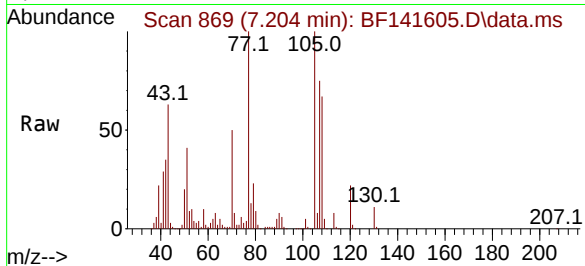


#19  
n-Nitroso-di-n-propylamine  
Concen: 43.574 ng  
RT: 7.204 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

Tgt Ion: 70 Resp: 194158

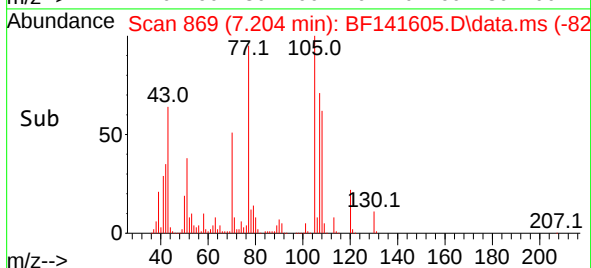
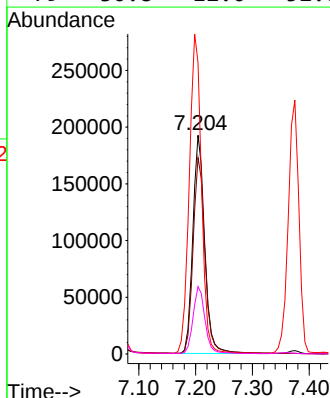
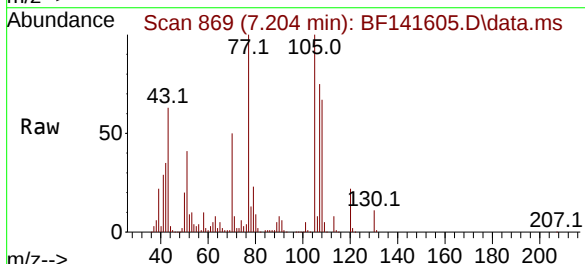
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 69.1  | 57.4  | 86.2  |
| 101 | 9.8   | 8.0   | 12.0  |
| 130 | 22.0  | 16.9  | 25.3  |



#20  
3+4-Methylphenols  
Concen: 44.091 ng  
RT: 7.204 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion: 107 Resp: 279252

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.8  | 68.5  | 108.5 |
| 77  | 133.1 | 116.5 | 156.5 |
| 79  | 30.8  | 12.0  | 52.0  |



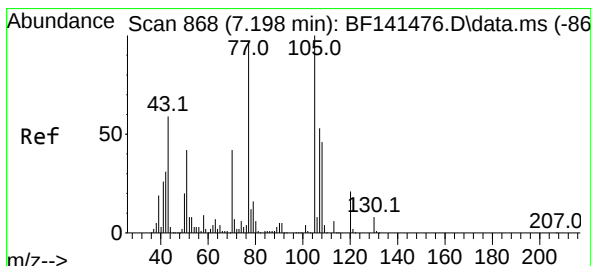
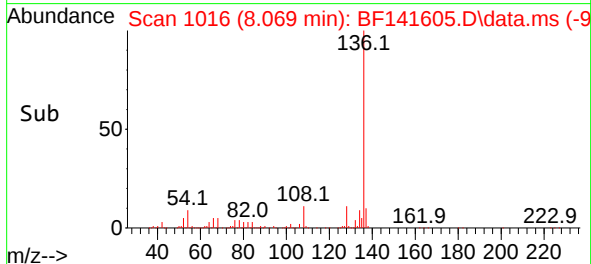
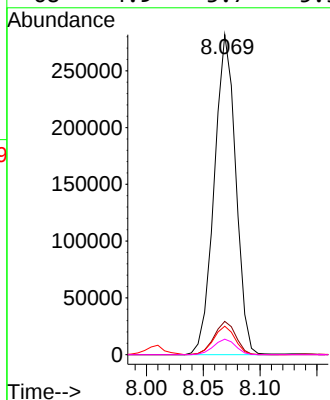
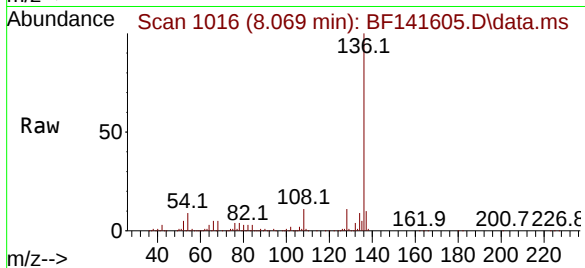


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

Tgt Ion:136 Resp: 371905

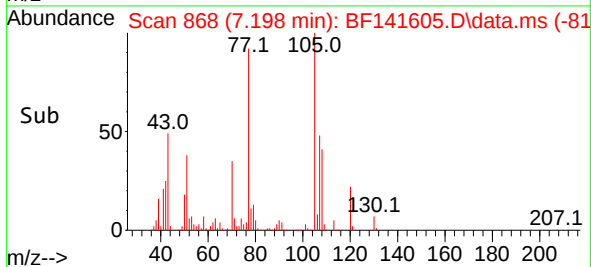
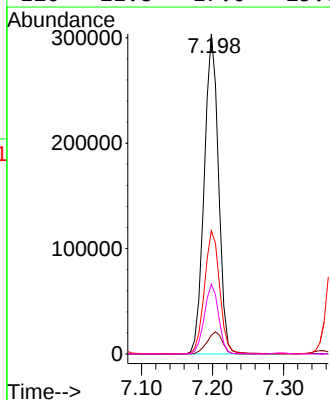
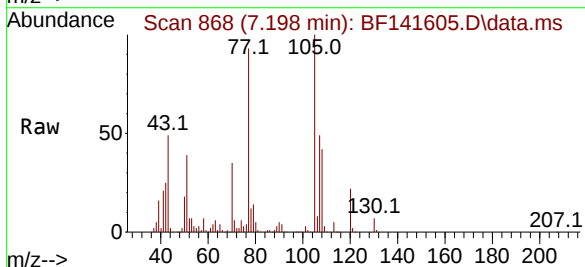
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.4  | 8.6   | 13.0  |
| 54  | 8.9   | 7.2   | 10.8  |
| 68  | 4.9   | 3.7   | 5.5   |



#22  
Acetophenone  
Concen: 46.084 ng  
RT: 7.198 min Scan# 868  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:105 Resp: 426334

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 5.8   | 5.7   | 8.5   |
| 51  | 38.5  | 33.7  | 50.5  |
| 120 | 21.8  | 17.0  | 25.6  |





#23

Nitrobenzene-d5

Concen: 93.215 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Instrument :

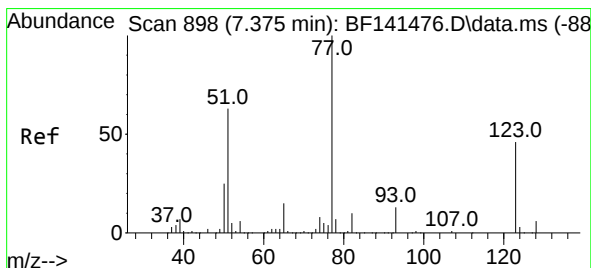
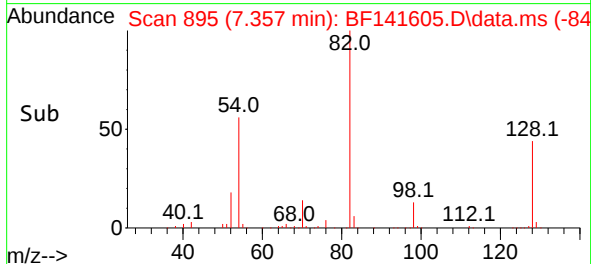
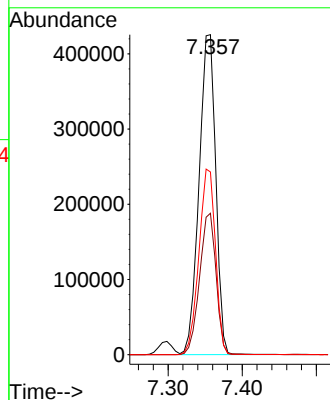
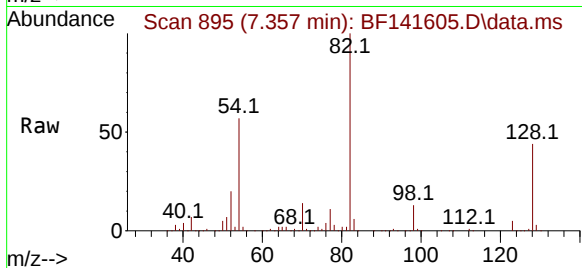
BNA\_F

ClientSampleId :

PB166698BS

Tgt Ion: 82 Resp: 664652

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.2  | 34.8  | 52.2  |
| 54  | 57.1  | 48.2  | 72.4  |



#24

Nitrobenzene

Concen: 41.910 ng

RT: 7.375 min Scan# 898

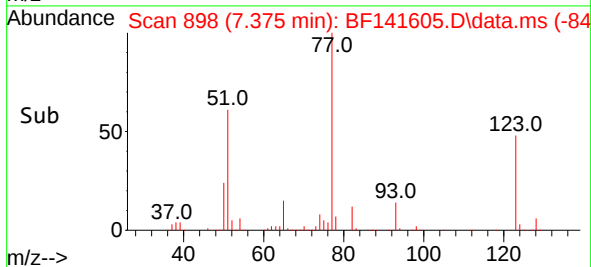
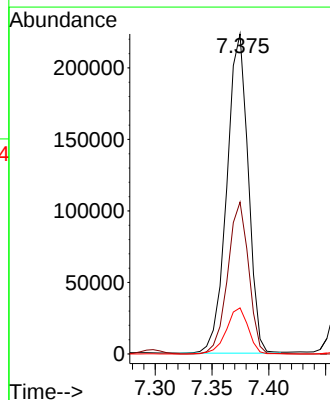
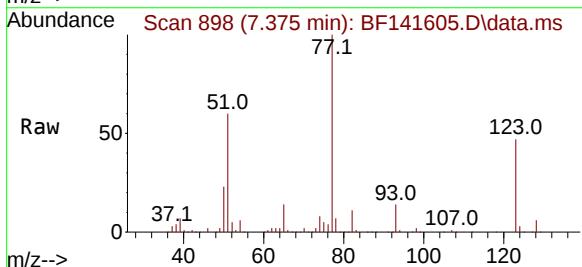
Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Tgt Ion: 77 Resp: 291396

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 47.4  | 36.9  | 55.3  |
| 65  | 14.4  | 11.9  | 17.9  |

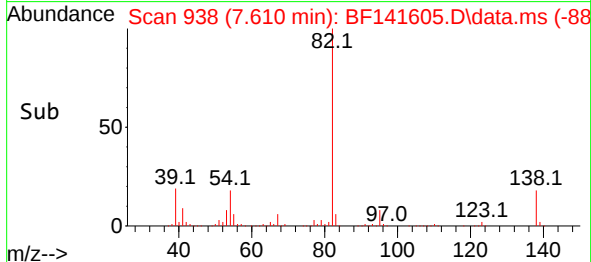
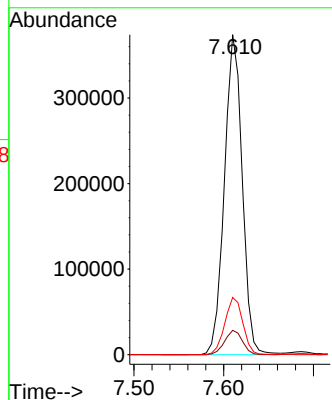
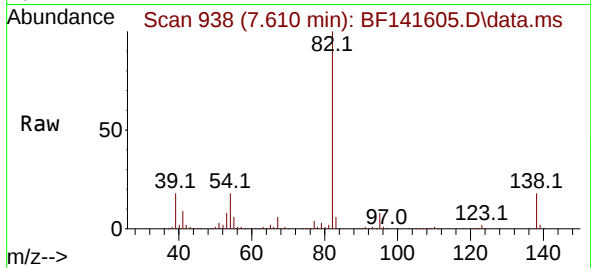




#25  
Isophorone  
Concen: 45.389 ng  
RT: 7.610 min Scan# 910  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

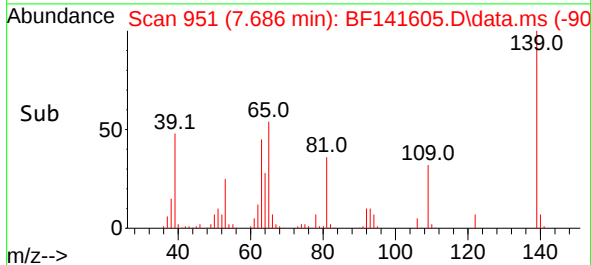
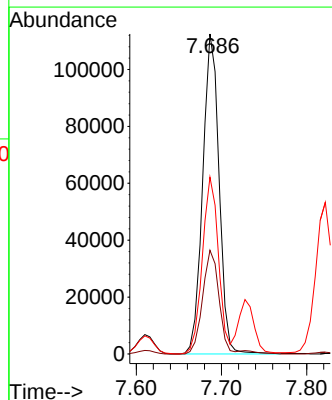
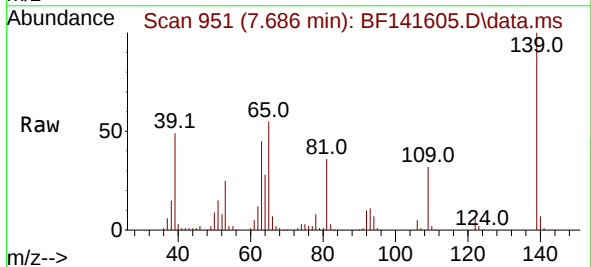
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

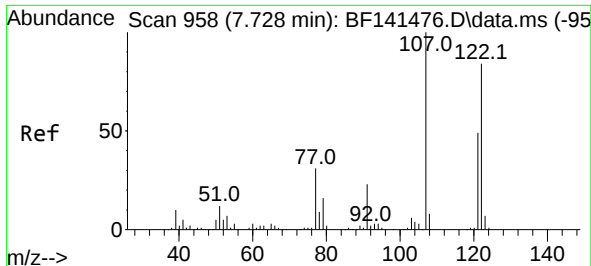
Tgt Ion: 82 Resp: 516031  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.4 9.6  
138 17.9 13.9 20.9



#26  
2-Nitrophenol  
Concen: 43.450 ng  
RT: 7.686 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:139 Resp: 150302  
Ion Ratio Lower Upper  
139 100  
109 32.4 27.0 40.6  
65 55.3 47.1 70.7

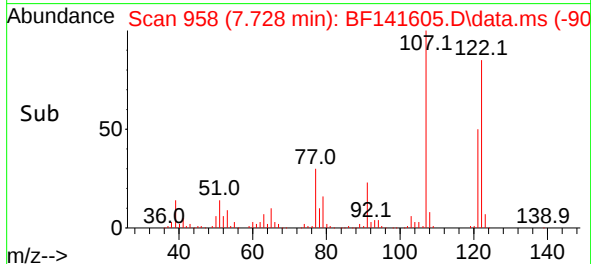
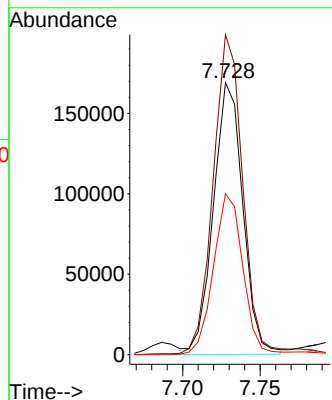
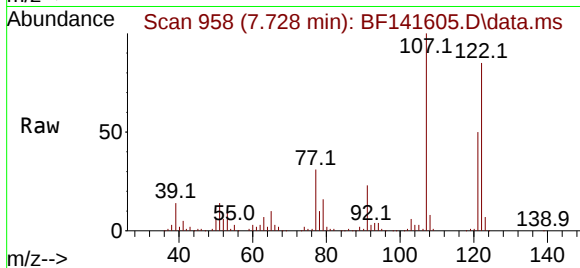




#27  
2,4-Dimethylphenol  
Concen: 55.231 ng  
RT: 7.728 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

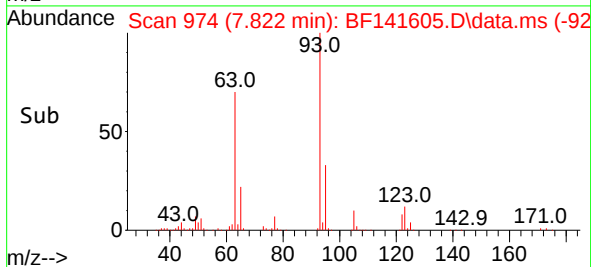
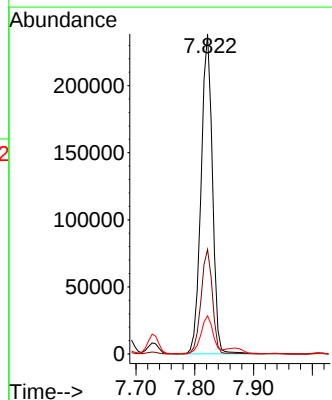
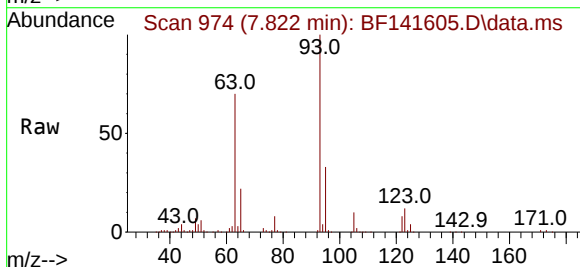
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

Tgt Ion:122 Resp: 223197  
Ion Ratio Lower Upper  
122 100  
107 117.7 94.3 141.5  
121 59.2 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.781 ng  
RT: 7.822 min Scan# 974  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion: 93 Resp: 318949  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.1 39.1  
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.261 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Instrument :

BNA\_F

ClientSampleId :

PB166698BS

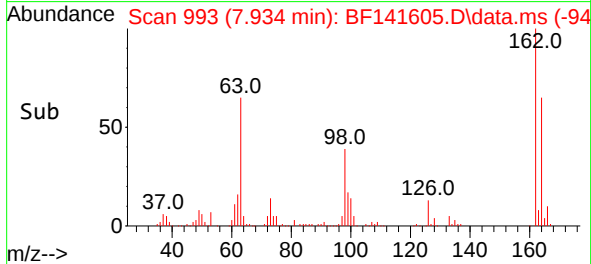
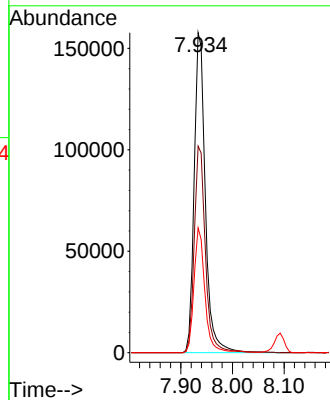
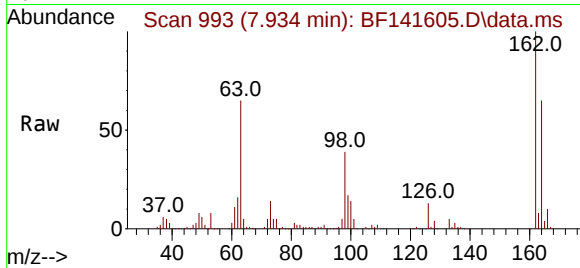
Tgt Ion:162 Resp: 236209

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

98 39.0 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 42.879 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

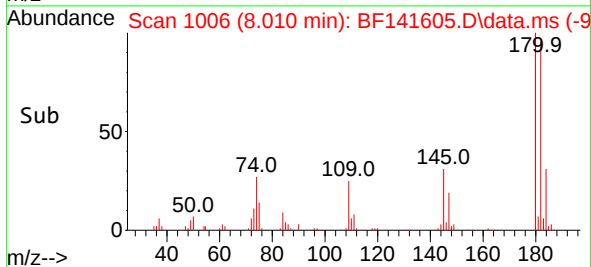
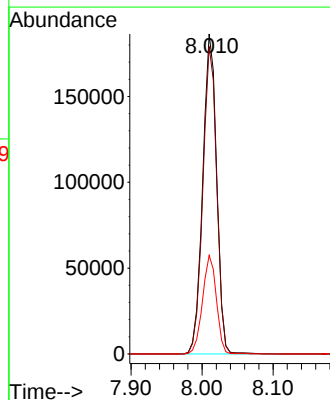
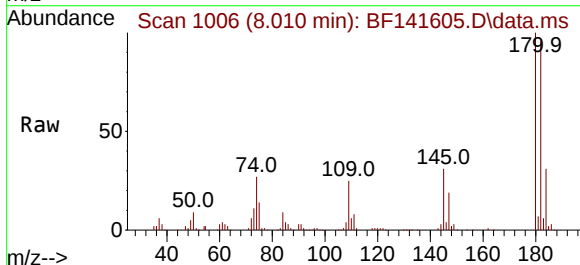
Tgt Ion:180 Resp: 254957

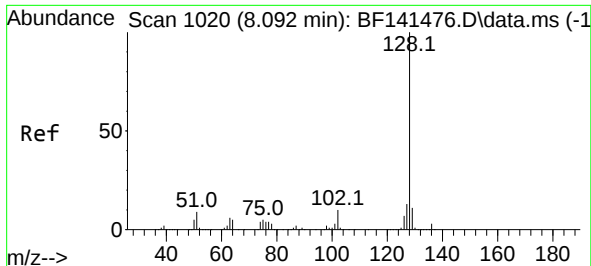
Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

145 30.8 24.2 36.4

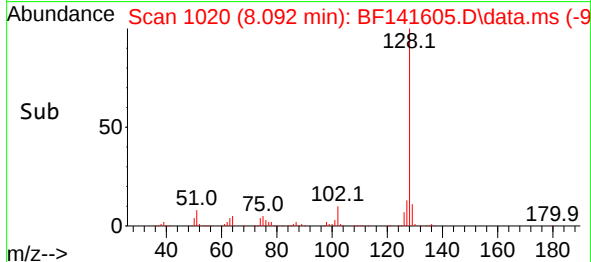
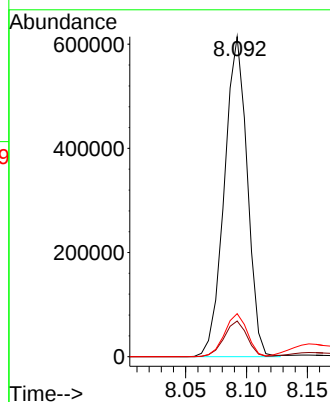
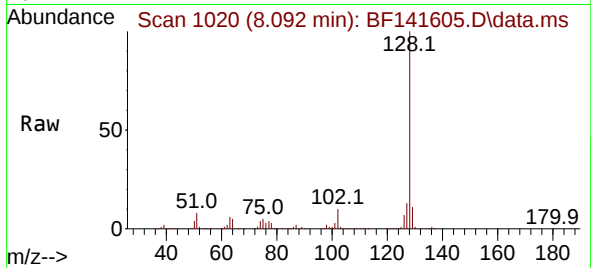




#31  
Naphthalene  
Concen: 41.543 ng  
RT: 8.092 min Scan# 1020  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

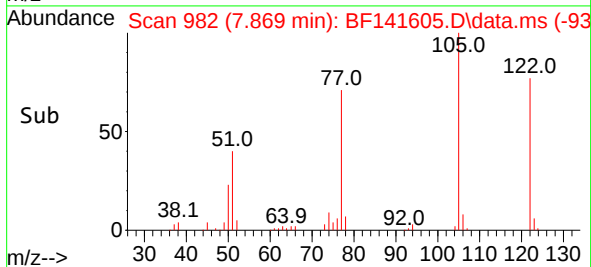
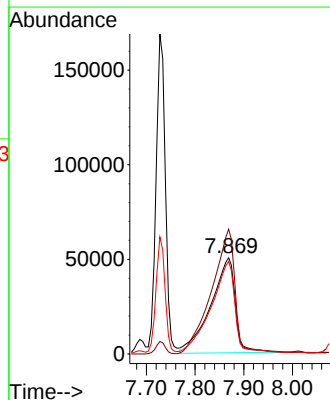
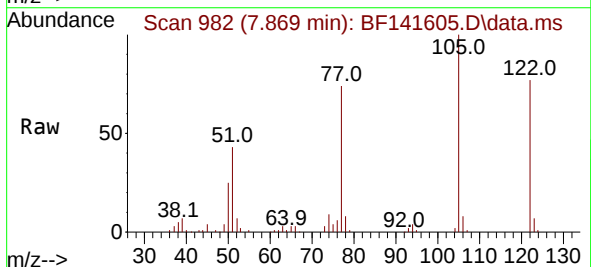
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

Tgt Ion:128 Resp: 804231  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.4 10.7 16.1



#32  
Benzoic acid  
Concen: 41.970 ng  
RT: 7.869 min Scan# 982  
Delta R.T. -0.023 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:122 Resp: 176172  
Ion Ratio Lower Upper  
122 100  
105 129.7 106.5 146.5  
77 96.1 76.3 116.3

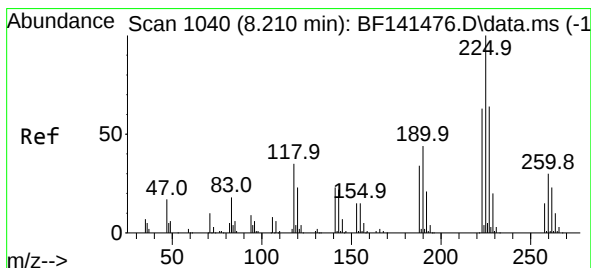
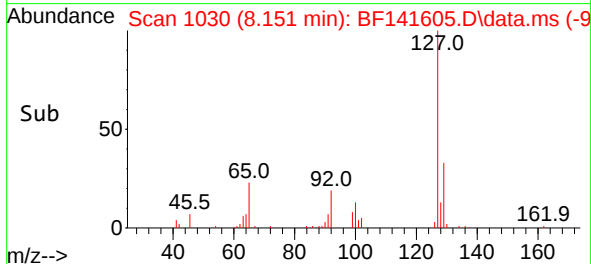
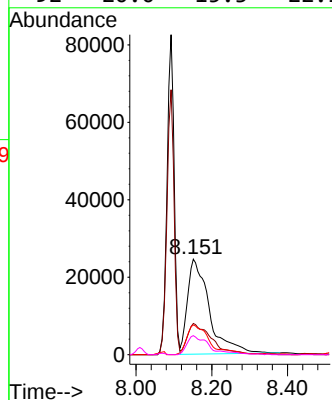
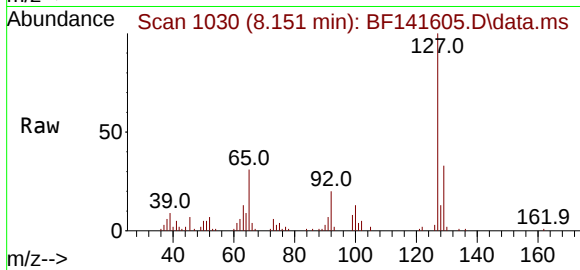




#33  
4-Chloroaniline  
Concen: 14.537 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

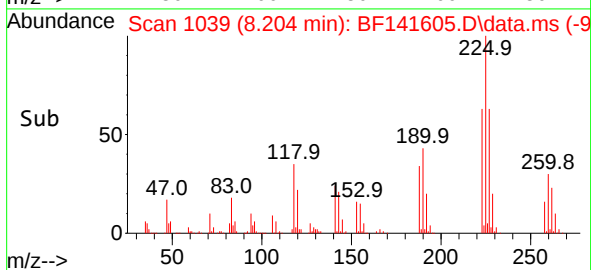
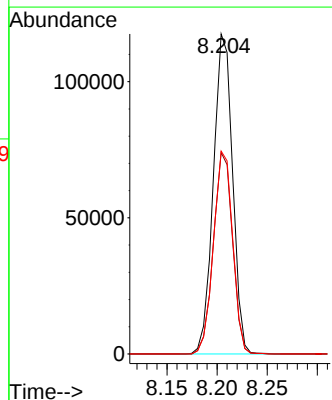
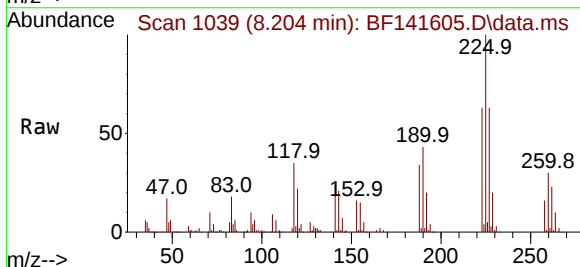
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

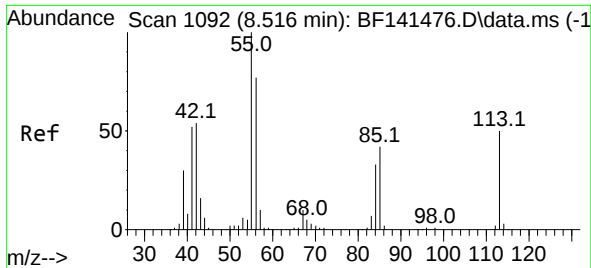
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 98256 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.6  | 26.5  | 39.7  |
| 65       | 31.2  | 26.4  | 39.6  |
| 92       | 20.0  | 15.3  | 22.9  |



#34  
Hexachlorobutadiene  
Concen: 43.802 ng  
RT: 8.204 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 156353 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 50.1  | 75.1   |
| 227      | 63.4  | 51.0  | 76.6   |

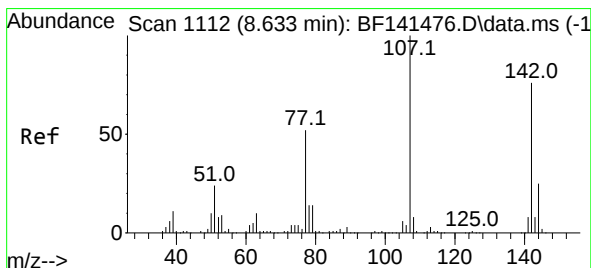
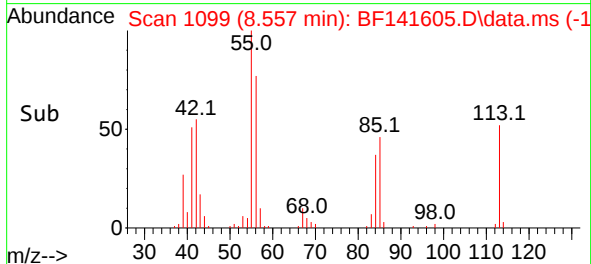
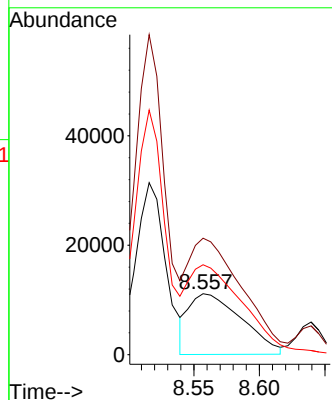
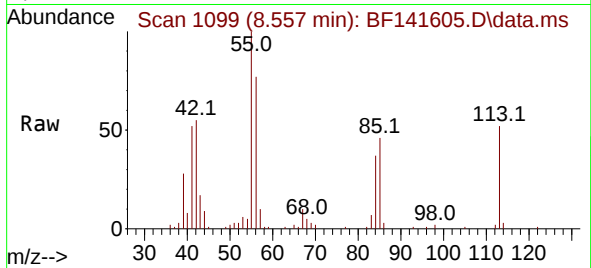




#35  
 Caprolactam  
 Concen: 18.817 ng  
 RT: 8.557 min Scan# 1099  
 Delta R.T. 0.012 min  
 Lab File: BF141605.D  
 Acq: 13 Feb 2025 11:00

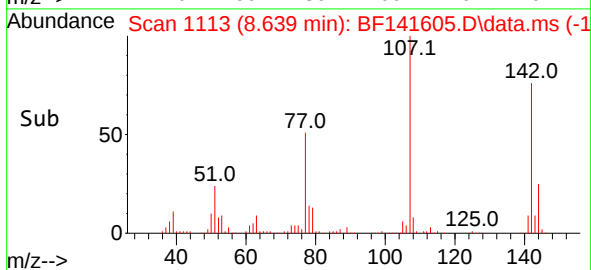
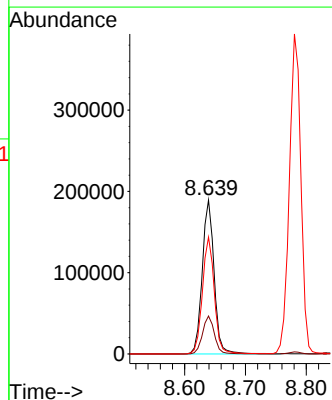
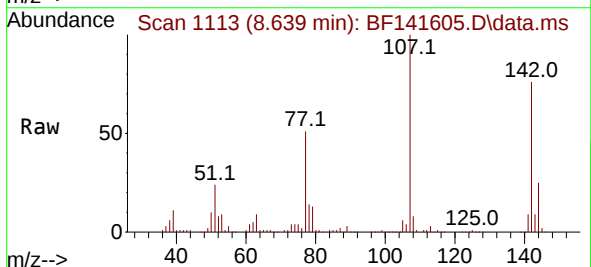
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166698BS

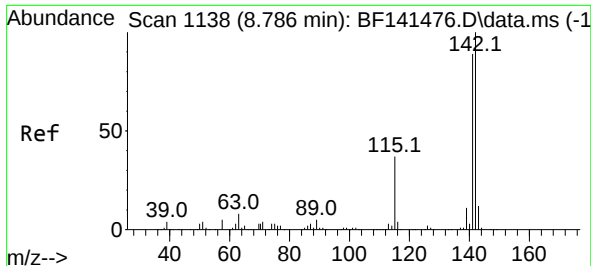
Tgt Ion:113 Resp: 31282  
 Ion Ratio Lower Upper  
 113 100  
 55 191.0 180.8 220.8  
 56 147.3 133.6 173.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.651 ng  
 RT: 8.639 min Scan# 1113  
 Delta R.T. 0.000 min  
 Lab File: BF141605.D  
 Acq: 13 Feb 2025 11:00

Tgt Ion:107 Resp: 257961  
 Ion Ratio Lower Upper  
 107 100  
 144 24.7 19.7 29.5  
 142 76.0 60.8 91.2

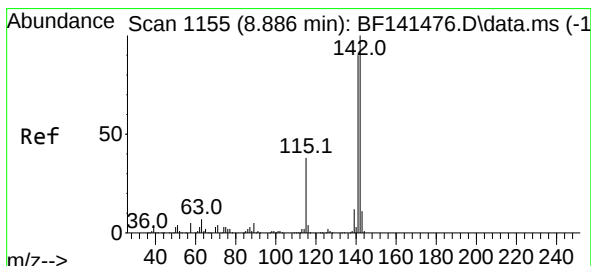
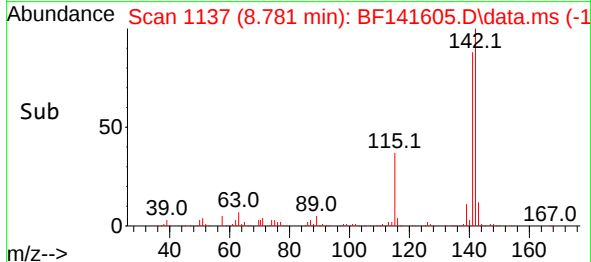
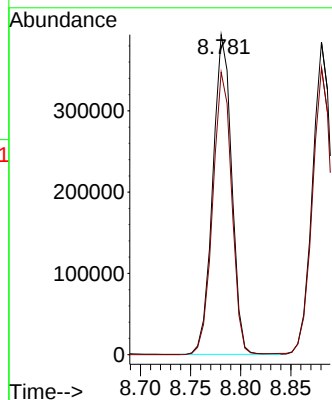
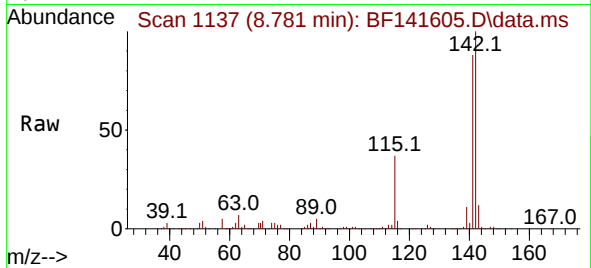




#37  
2-Methylnaphthalene  
Concen: 40.985 ng  
RT: 8.781 min Scan# 1137  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

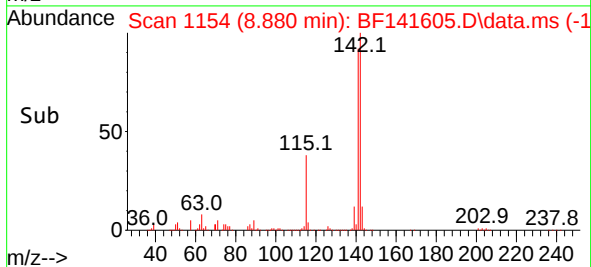
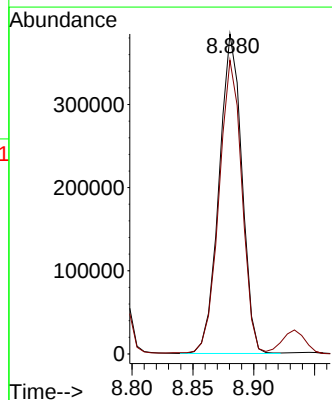
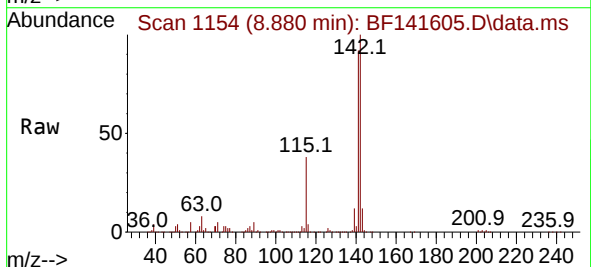
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

Tgt Ion:142 Resp: 516312  
Ion Ratio Lower Upper  
142 100  
141 88.3 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 41.021 ng  
RT: 8.880 min Scan# 1154  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:142 Resp: 500500  
Ion Ratio Lower Upper  
142 100  
141 91.8 72.1 108.1

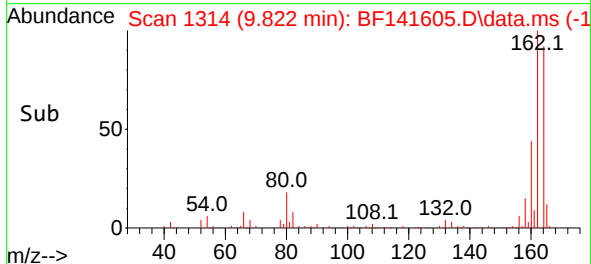
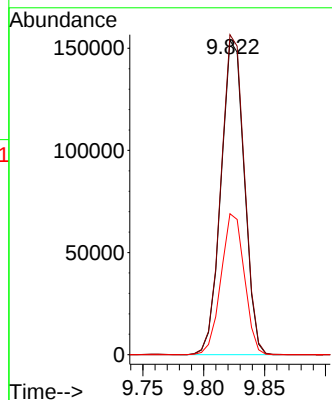
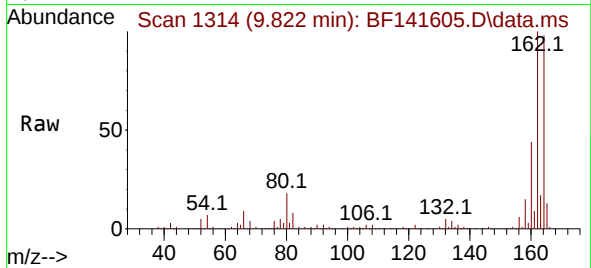




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1114  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

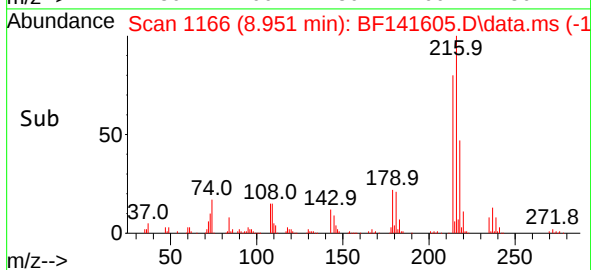
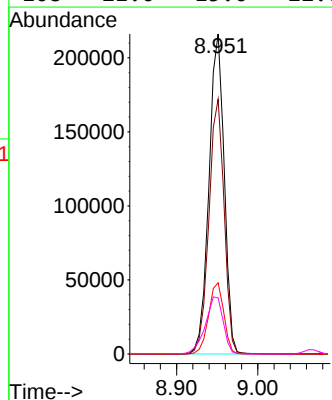
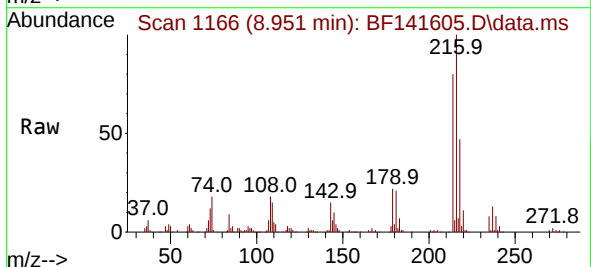
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

Tgt Ion:164 Resp: 204526  
Ion Ratio Lower Upper  
164 100  
162 101.8 81.3 121.9  
160 44.8 35.9 53.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.519 ng  
RT: 8.951 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

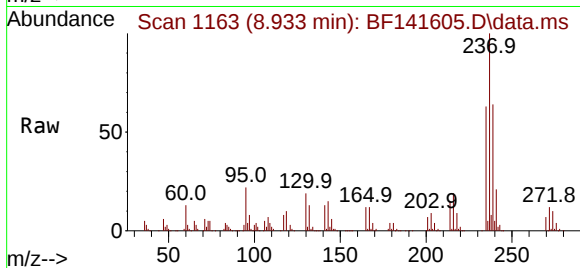
Tgt Ion:216 Resp: 281180  
Ion Ratio Lower Upper  
216 100  
214 79.4 62.3 93.5  
179 22.2 18.0 27.0  
108 21.0 15.0 22.6



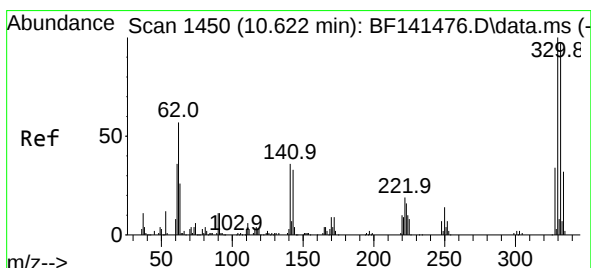
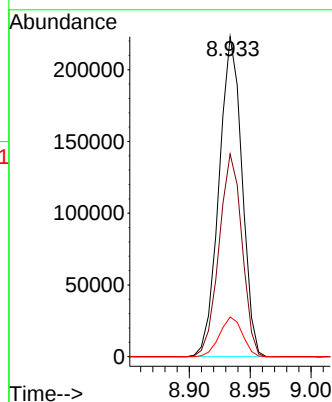
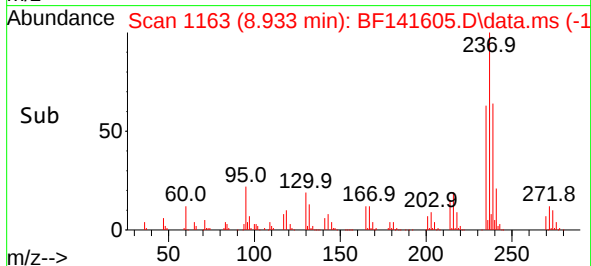


#41  
Hexachlorocyclopentadiene  
Concen: 148.725 ng  
RT: 8.933 min Scan# 1163  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

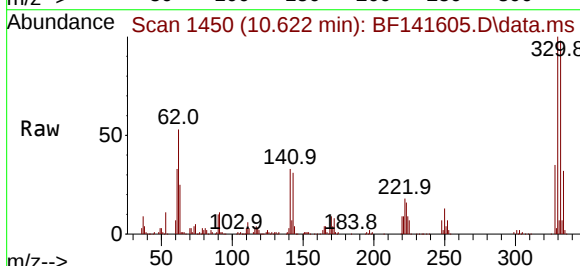
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS



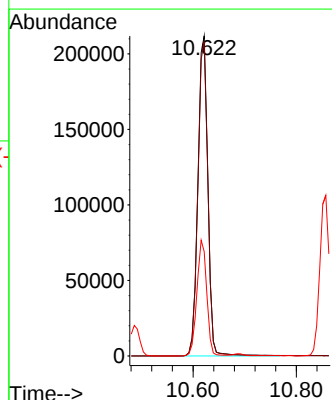
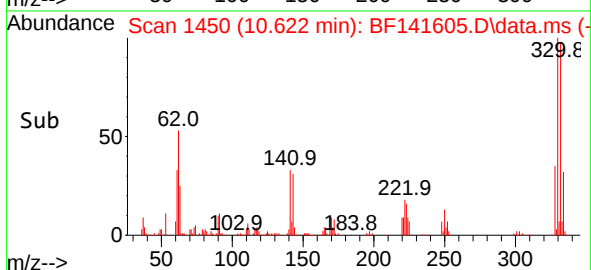
Tgt Ion:237 Resp: 292707  
Ion Ratio Lower Upper  
237 100  
235 63.3 41.4 81.4  
272 12.4 0.0 32.4

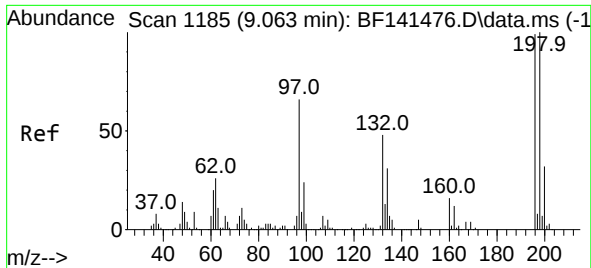


#42  
2,4,6-Tribromophenol  
Concen: 138.371 ng  
RT: 10.622 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00



Tgt Ion:330 Resp: 284291  
Ion Ratio Lower Upper  
330 100  
332 97.6 78.5 117.7  
141 35.7 31.0 46.4

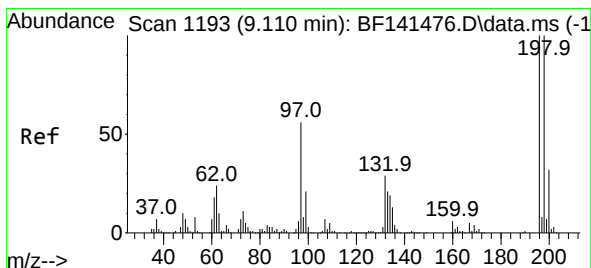
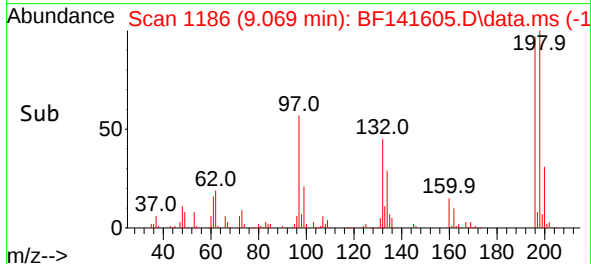
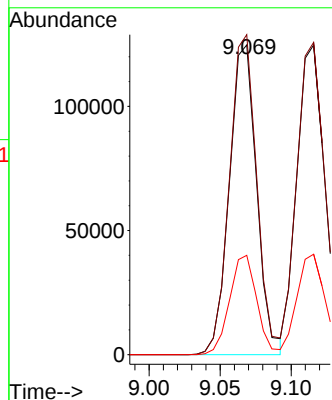
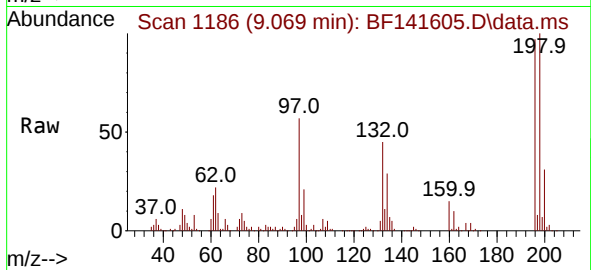




#43  
2,4,6-Trichlorophenol  
Concen: 43.729 ng  
RT: 9.069 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

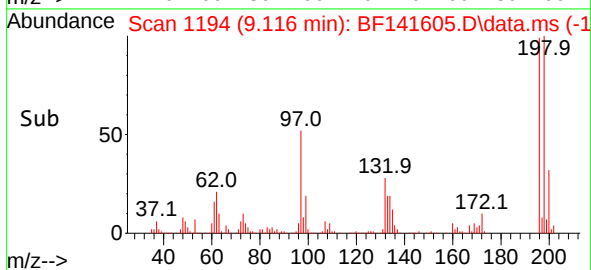
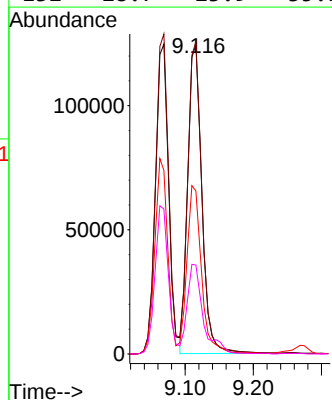
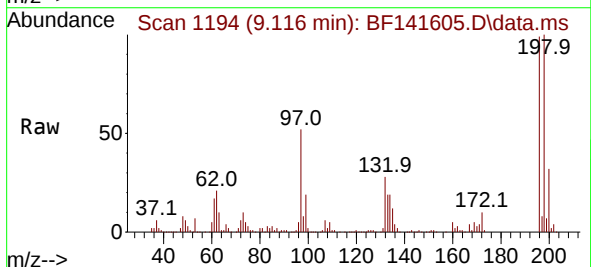
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

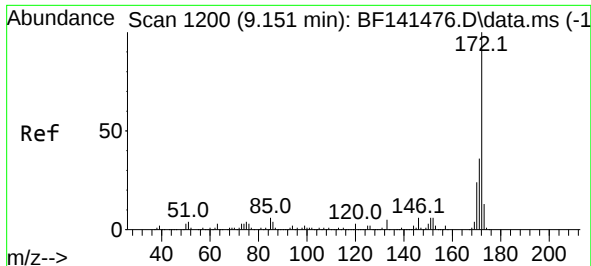
Tgt Ion:196 Resp: 167235  
Ion Ratio Lower Upper  
196 100  
198 103.3 80.6 121.0  
200 32.1 25.5 38.3



#44  
2,4,5-Trichlorophenol  
Concen: 43.011 ng  
RT: 9.116 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:196 Resp: 178270  
Ion Ratio Lower Upper  
196 100  
198 100.8 79.8 119.8  
97 52.6 44.8 67.2  
132 28.7 23.9 35.9

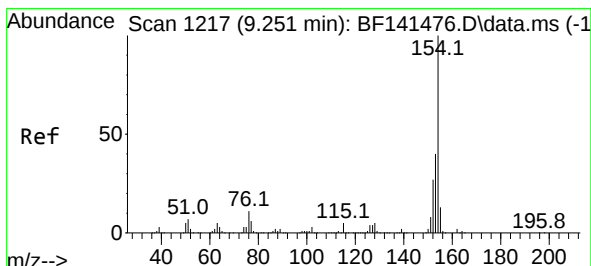
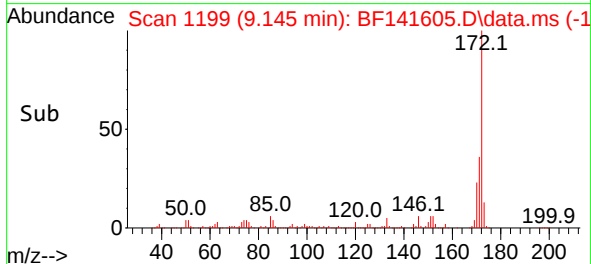
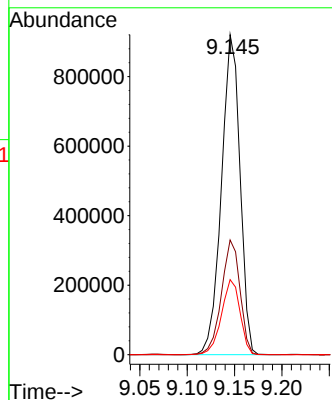
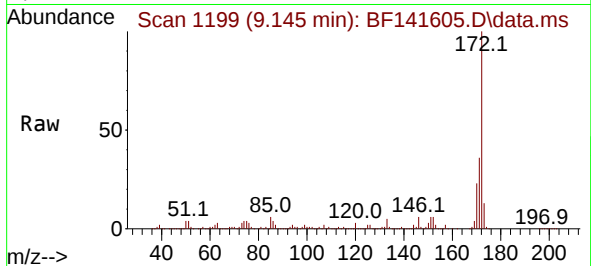




#45  
2-Fluorobiphenyl  
Concen: 94.706 ng  
RT: 9.145 min Scan# 1199  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

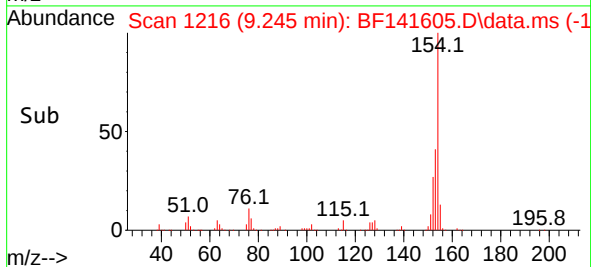
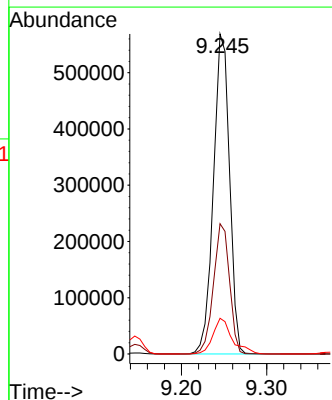
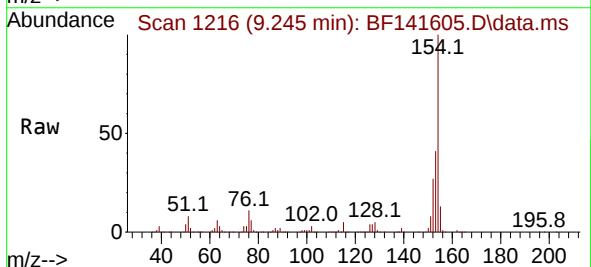
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

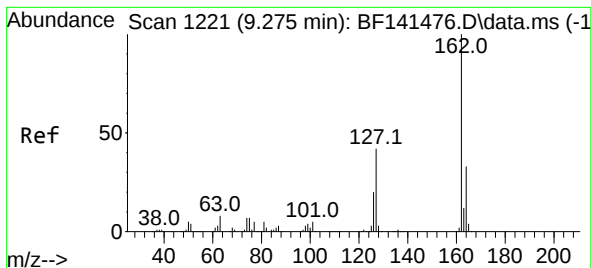
Tgt Ion:172 Resp: 1257263  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.7 43.1  
170 23.5 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 47.103 ng  
RT: 9.245 min Scan# 1216  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:154 Resp: 746887  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.4 60.4  
76 11.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 43.876 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Instrument :

BNA\_F

ClientSampleId :

PB166698BS

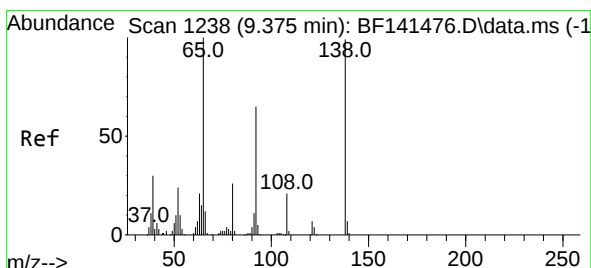
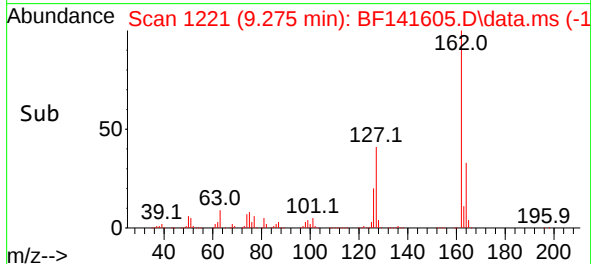
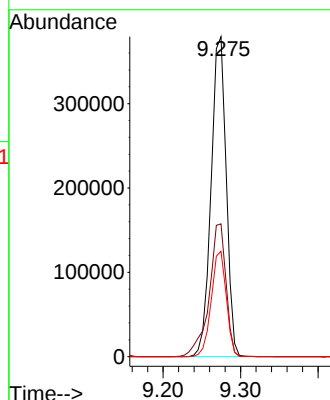
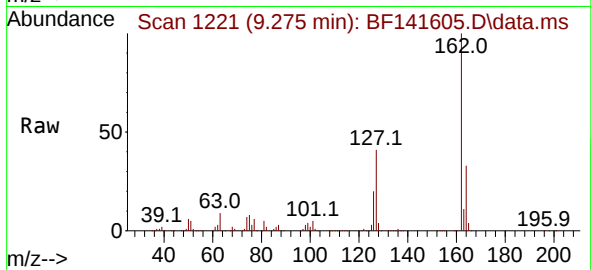
Tgt Ion:162 Resp: 514461

Ion Ratio Lower Upper

162 100

127 41.5 34.1 51.1

164 32.9 26.3 39.5



#48

2-Nitroaniline

Concen: 42.991 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

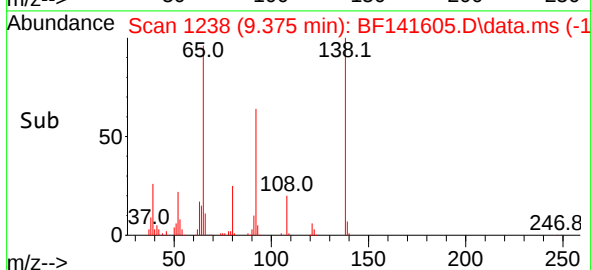
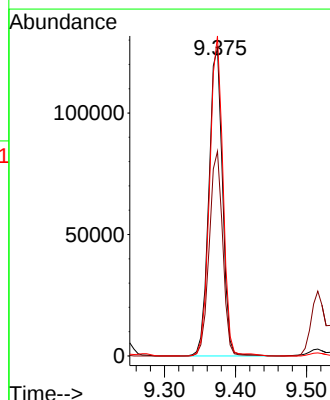
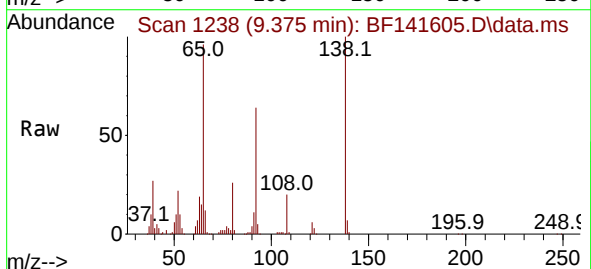
Tgt Ion: 65 Resp: 169174

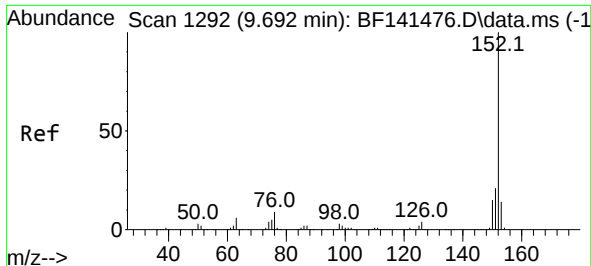
Ion Ratio Lower Upper

65 100

92 66.4 52.2 78.2

138 103.8 79.5 119.3





#49

Acenaphthylene

Concen: 45.000 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Instrument :

BNA\_F

ClientSampleId :

PB166698BS

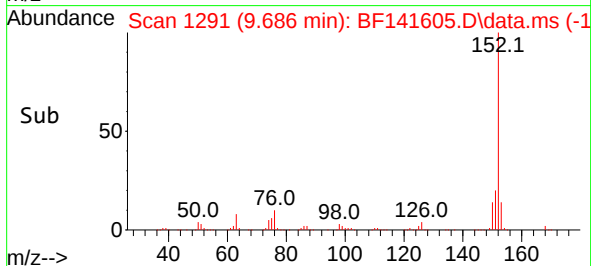
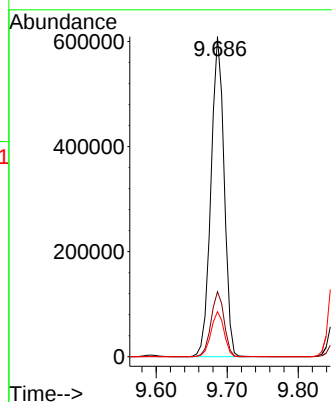
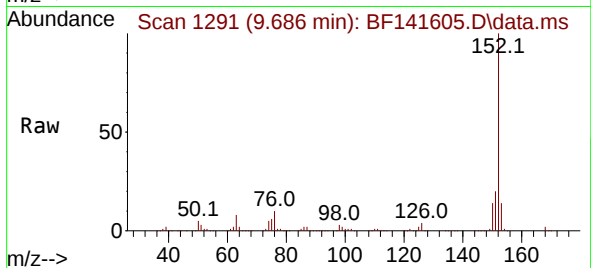
Tgt Ion:152 Resp: 784819

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 14.1 10.9 16.3



#50

Dimethylphthalate

Concen: 44.331 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

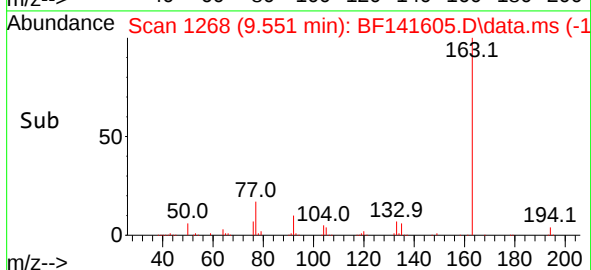
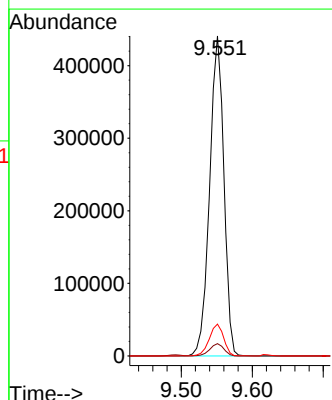
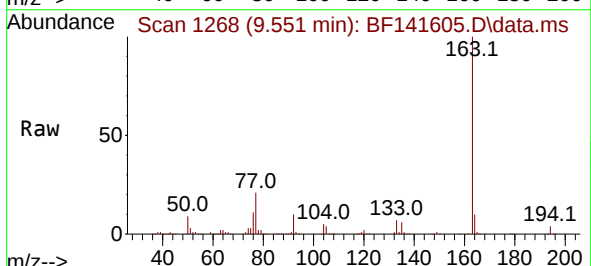
Tgt Ion:163 Resp: 615531

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.0 7.9 11.9

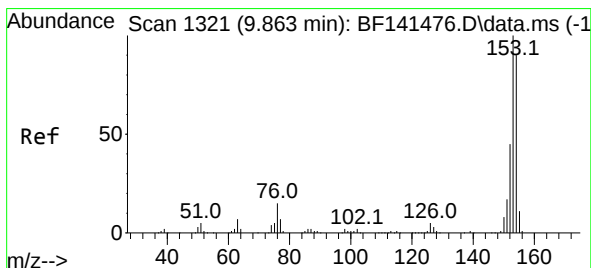
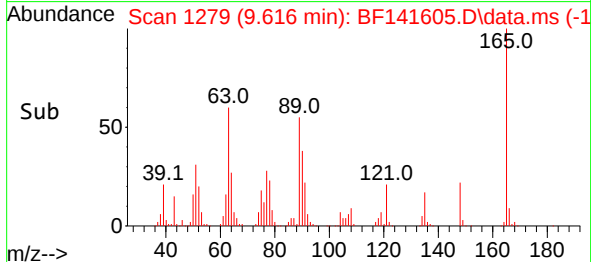
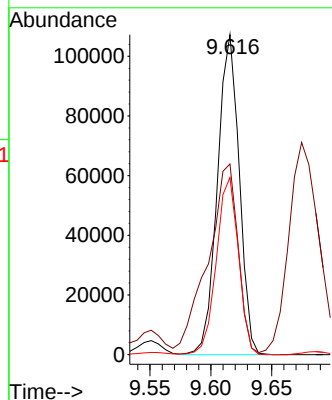
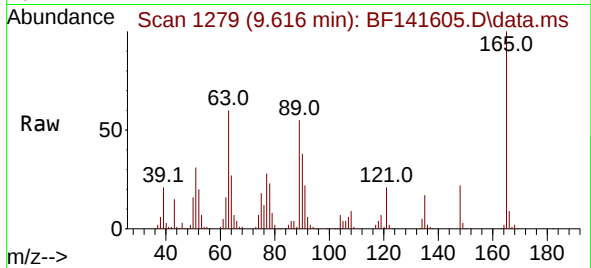




#51  
2,6-Dinitrotoluene  
Concen: 44.079 ng  
RT: 9.616 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

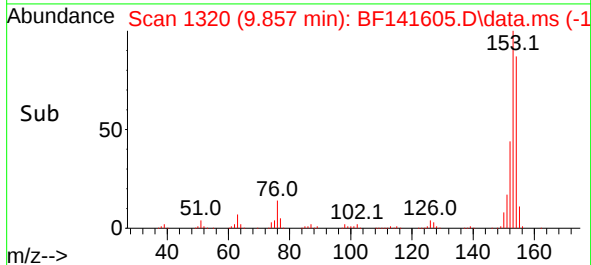
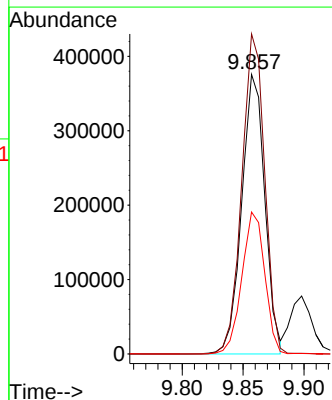
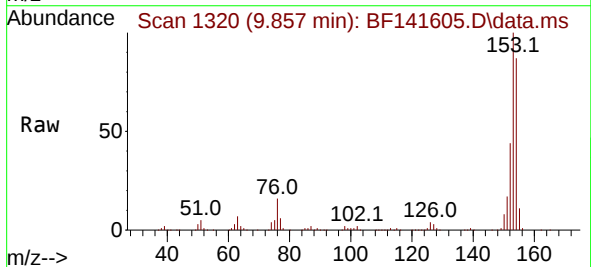
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

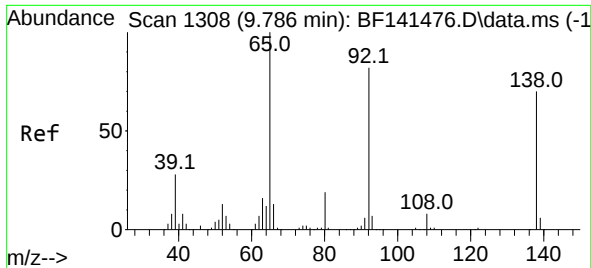
Tgt Ion:165 Resp: 133794  
Ion Ratio Lower Upper  
165 100  
63 59.6 49.4 74.0  
89 55.3 46.5 69.7



#52  
Acenaphthene  
Concen: 42.302 ng  
RT: 9.857 min Scan# 1320  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:154 Resp: 495982  
Ion Ratio Lower Upper  
154 100  
153 114.5 89.2 133.8  
152 50.7 39.8 59.8

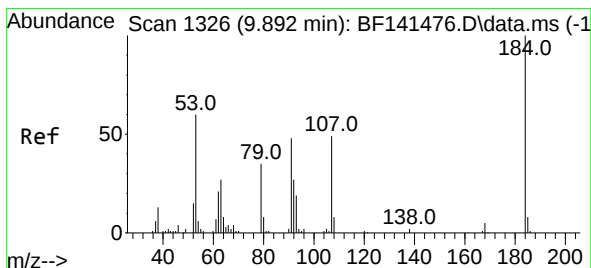
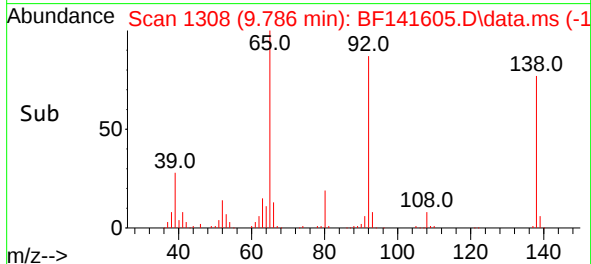
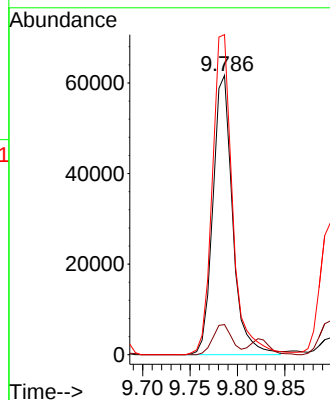
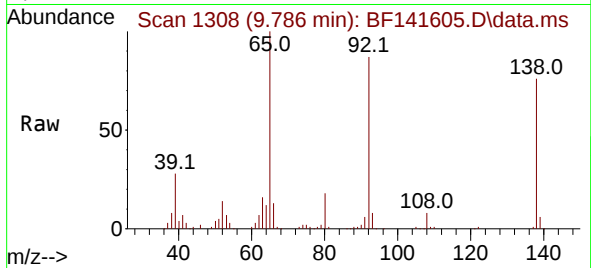




#53  
3-Nitroaniline  
Concen: 27.305 ng  
RT: 9.786 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

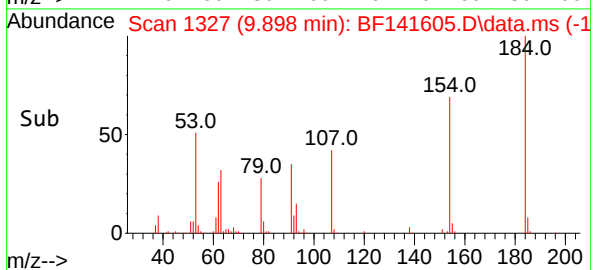
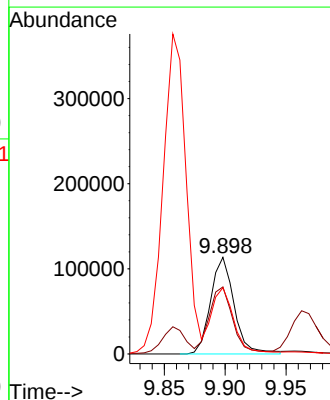
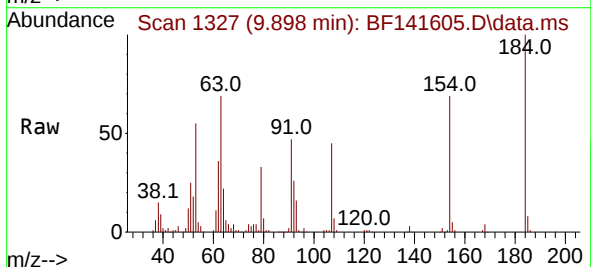
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

Tgt Ion:138 Resp: 89201  
Ion Ratio Lower Upper  
138 100  
108 10.8 9.0 13.4  
92 114.6 93.7 140.5



#54  
2,4-Dinitrophenol  
Concen: 84.772 ng  
RT: 9.898 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:184 Resp: 152925  
Ion Ratio Lower Upper  
184 100  
63 69.4 61.0 91.6  
154 68.6 59.9 89.9

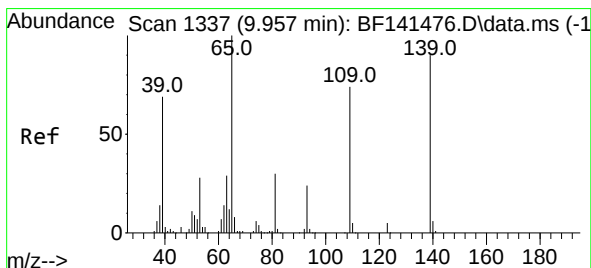
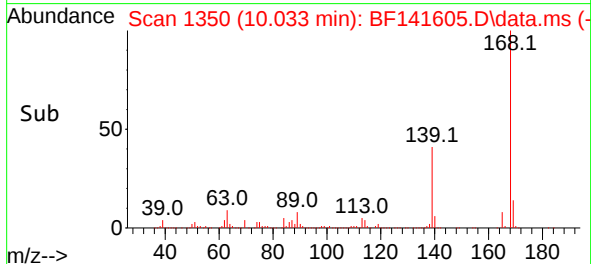
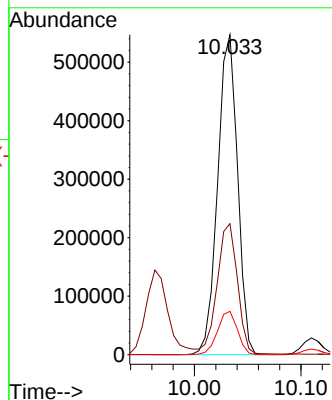
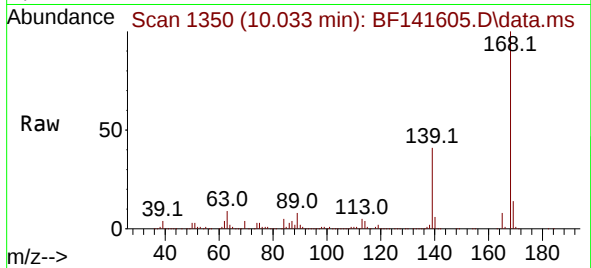




#55  
Dibenzofuran  
Concen: 41.161 ng  
RT: 10.033 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

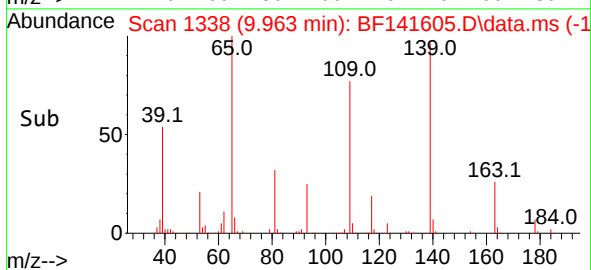
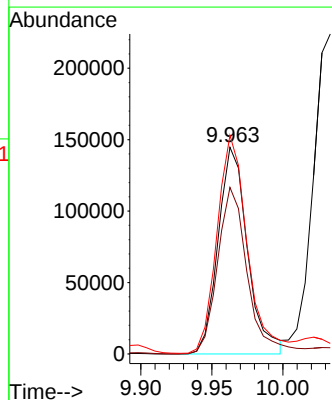
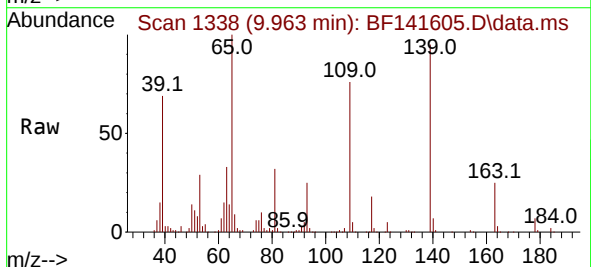
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

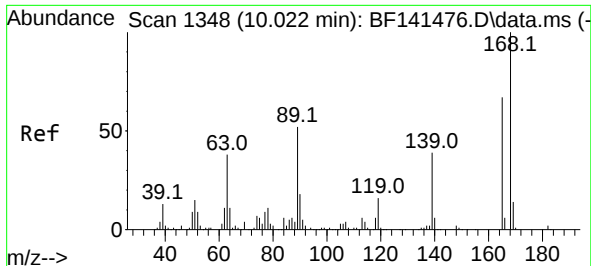
Tgt Ion:168 Resp: 708386  
Ion Ratio Lower Upper  
168 100  
139 41.0 32.7 49.1  
169 13.5 10.8 16.2



#56  
4-Nitrophenol  
Concen: 85.940 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

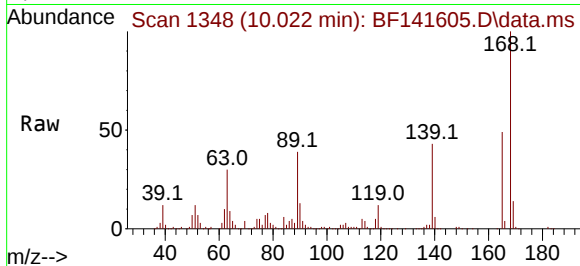
Tgt Ion:139 Resp: 208415  
Ion Ratio Lower Upper  
139 100  
109 80.6 62.0 102.0  
65 105.8 91.2 131.2



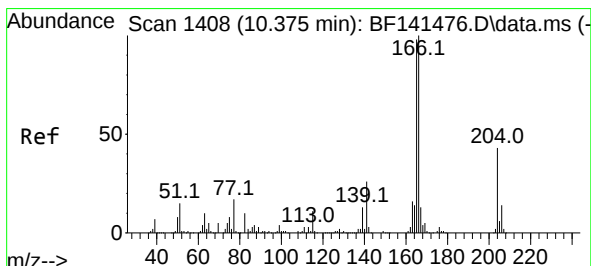
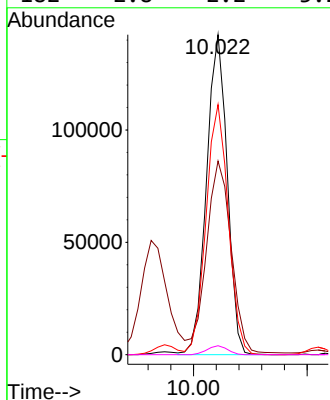
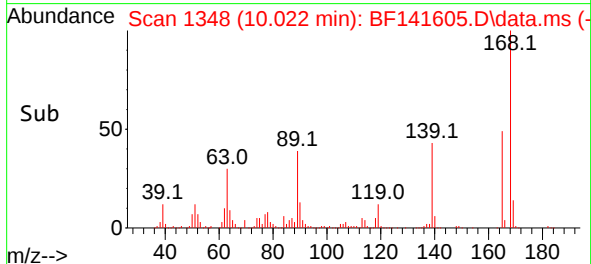


#57  
2,4-Dinitrotoluene  
Concen: 44.568 ng  
RT: 10.022 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

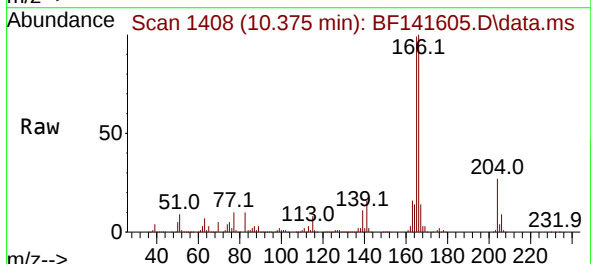
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS



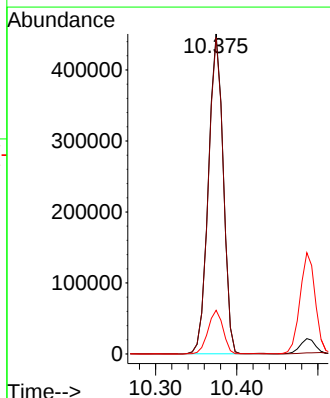
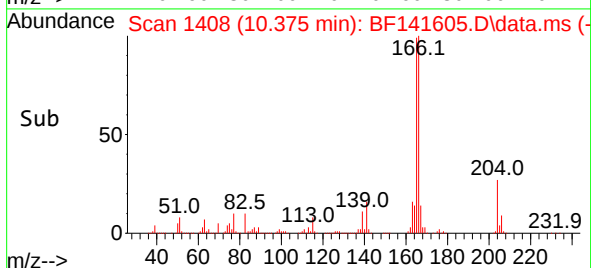
Tgt Ion:165 Resp: 180086  
Ion Ratio Lower Upper  
165 100  
63 60.5 46.4 69.6  
89 78.2 61.8 92.6  
182 2.8 2.2 3.2



#58  
Fluorene  
Concen: 42.817 ng  
RT: 10.375 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00



Tgt Ion:166 Resp: 569757  
Ion Ratio Lower Upper  
166 100  
165 98.9 78.2 117.2  
167 13.6 10.7 16.1

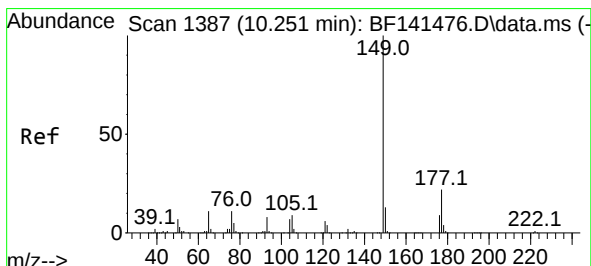
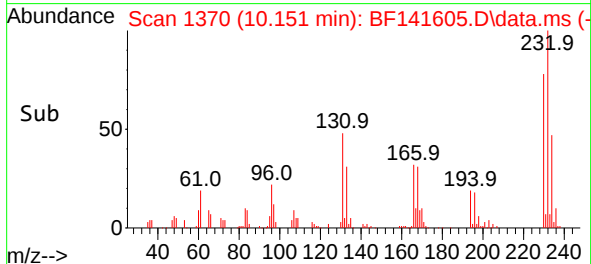
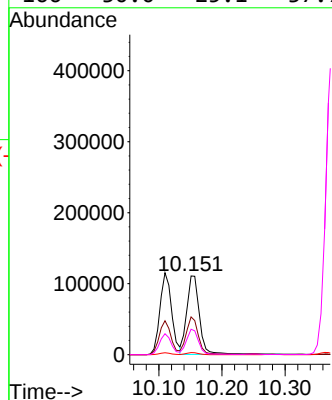
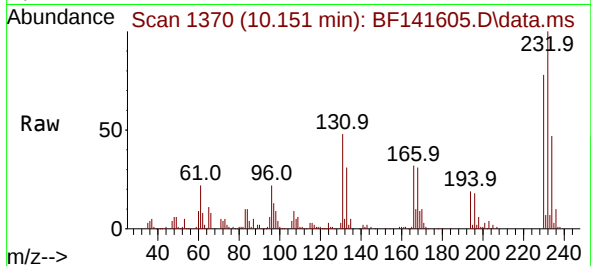




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.339 ng  
RT: 10.151 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

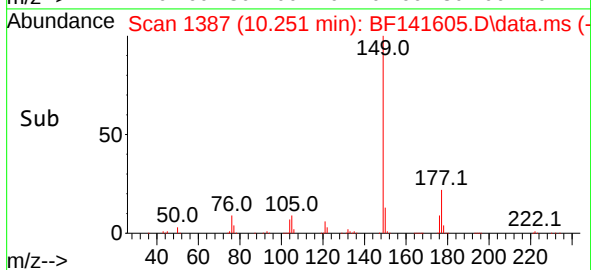
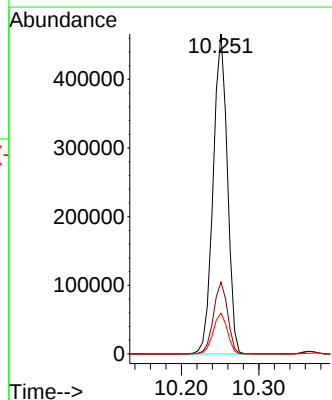
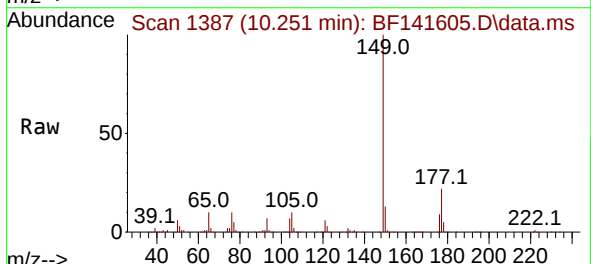
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

Tgt Ion:232 Resp: 154648  
Ion Ratio Lower Upper  
232 100  
131 45.5 39.2 58.8  
130 2.5 2.1 3.1  
166 30.0 25.1 37.7



#60  
Diethylphthalate  
Concen: 43.536 ng  
RT: 10.251 min Scan# 1387  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:149 Resp: 594740  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.8 26.6  
150 12.7 10.1 15.1

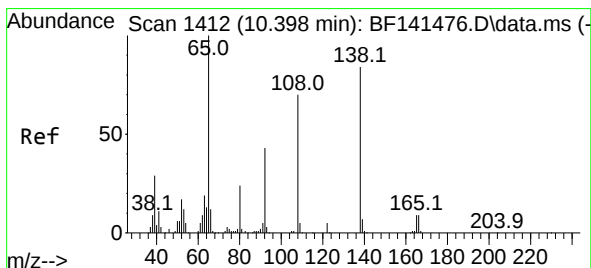
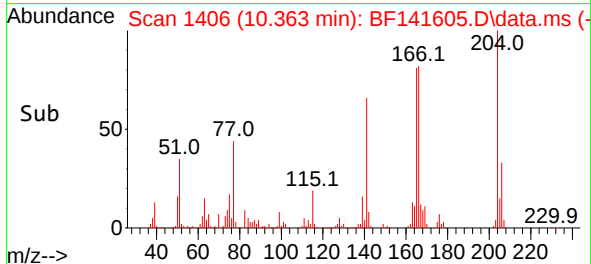
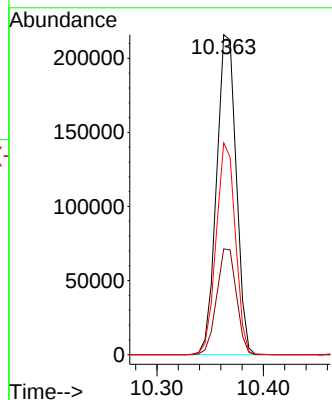
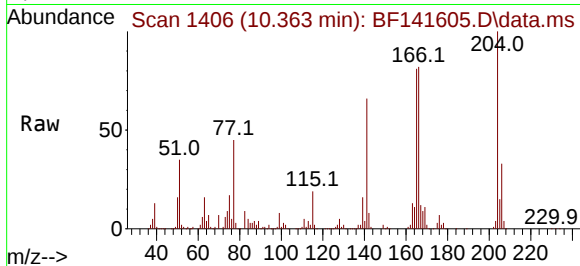




#61  
4-Chlorophenyl-phenylether  
Concen: 43.111 ng  
RT: 10.363 min Scan# 1406  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

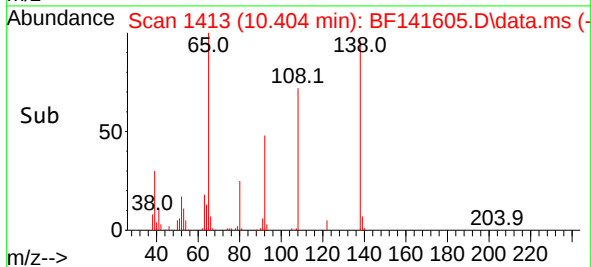
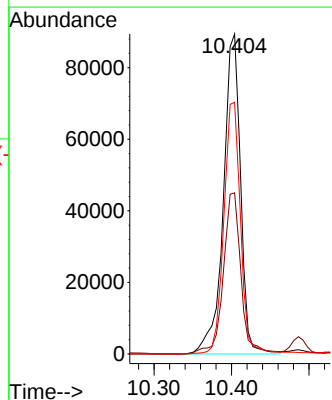
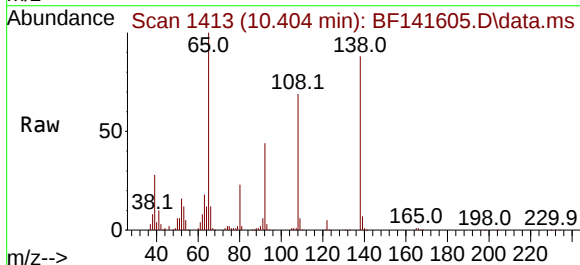
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

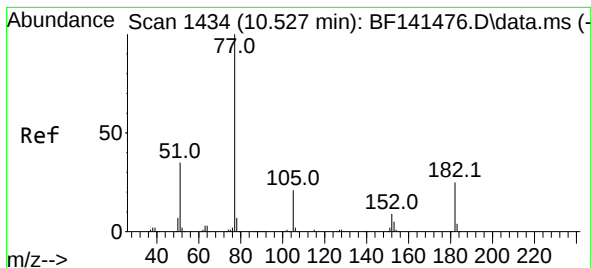
Tgt Ion:204 Resp: 275984  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.6 40.0  
141 66.2 51.9 77.9



#62  
4-Nitroaniline  
Concen: 41.633 ng  
RT: 10.404 min Scan# 1413  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:138 Resp: 138106  
Ion Ratio Lower Upper  
138 100  
92 50.4 31.3 71.3  
108 78.6 63.7 103.7

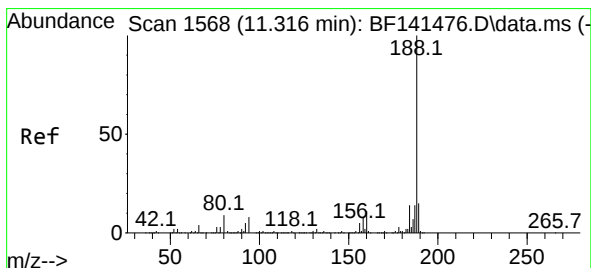
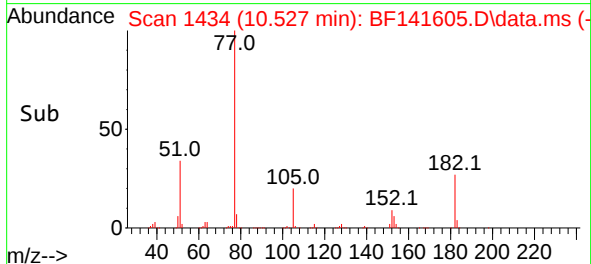
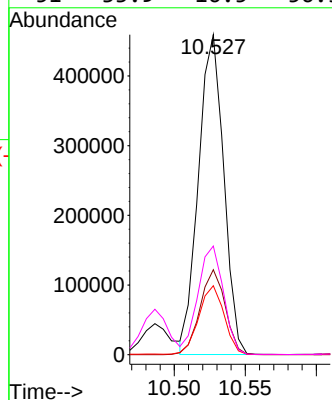
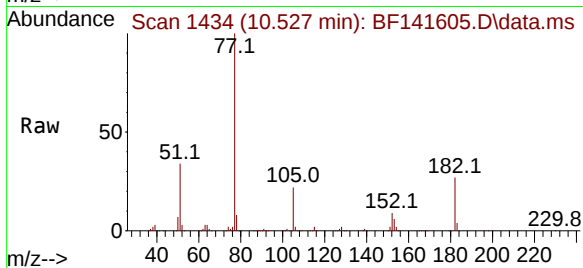




#63  
Azobenzene  
Concen: 41.831 ng  
RT: 10.527 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

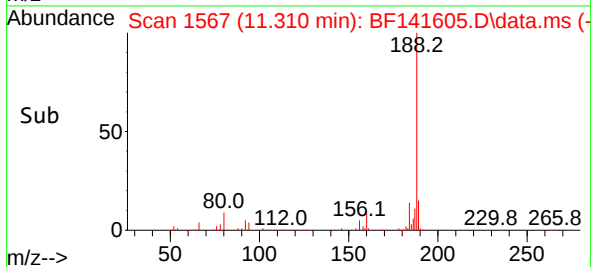
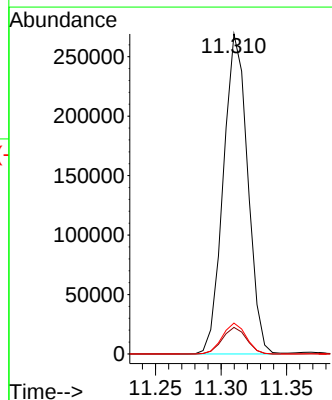
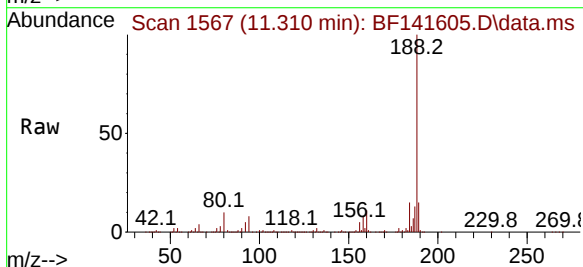
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

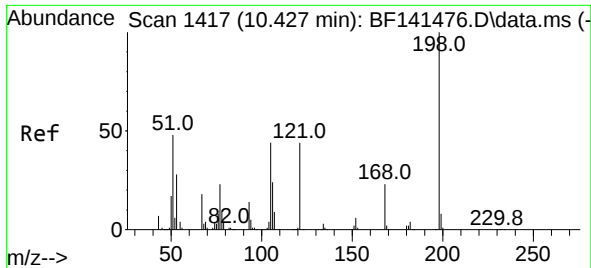
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 568098 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 26.5  | 4.7   | 44.7   |
| 105      | 21.5  | 0.4   | 40.4   |
| 51       | 33.9  | 16.5  | 56.5   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 347247 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.3   | 6.6   | 10.0   |
| 80       | 9.7   | 7.3   | 10.9   |

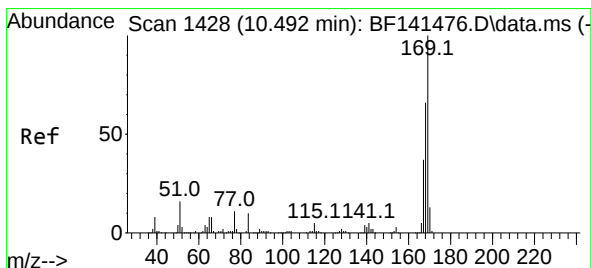
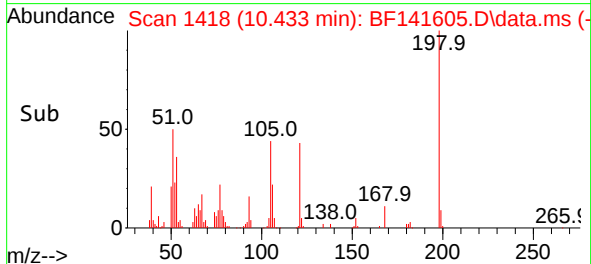
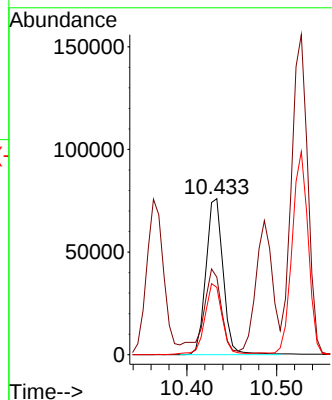
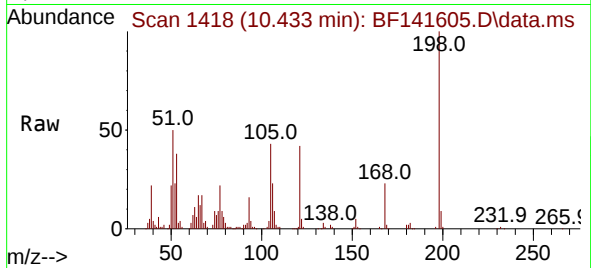




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.982 ng  
RT: 10.433 min Scan# 1417  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

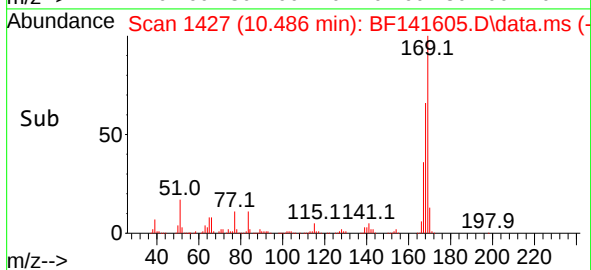
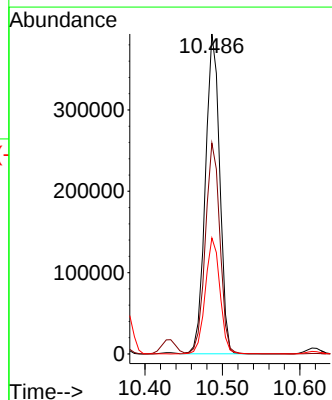
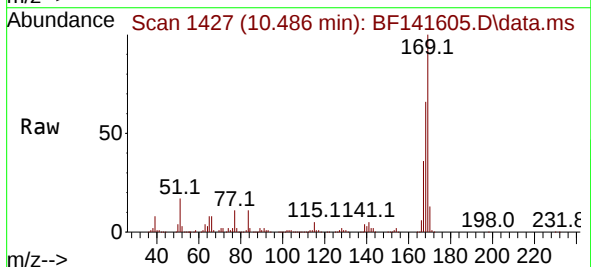
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

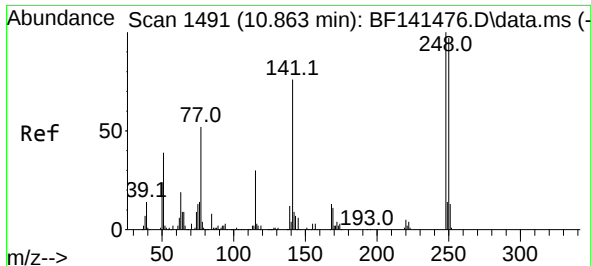
Tgt Ion:198 Resp: 101267  
Ion Ratio Lower Upper  
198 100  
51 49.6 37.4 77.4  
105 43.2 25.2 65.2



#66  
n-Nitrosodiphenylamine  
Concen: 45.333 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

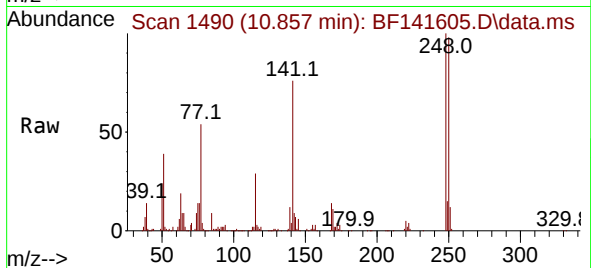
Tgt Ion:169 Resp: 503913  
Ion Ratio Lower Upper  
169 100  
168 65.9 53.3 79.9  
167 36.3 29.4 44.2



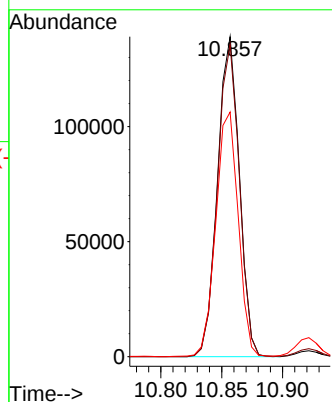
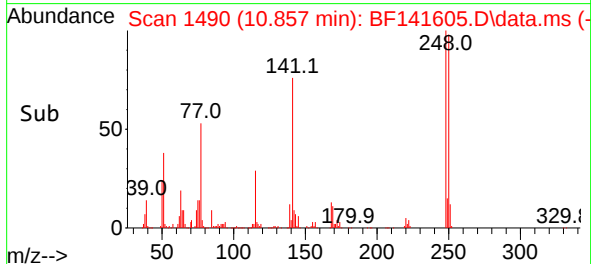


#67  
4-Bromophenyl-phenylether  
Concen: 44.749 ng  
RT: 10.857 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

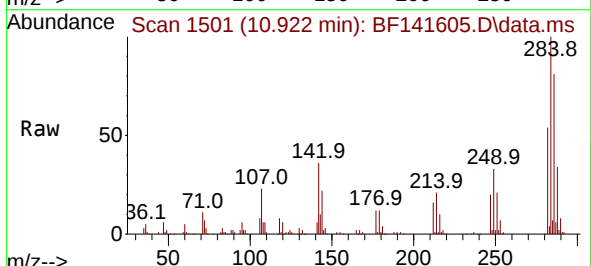
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS



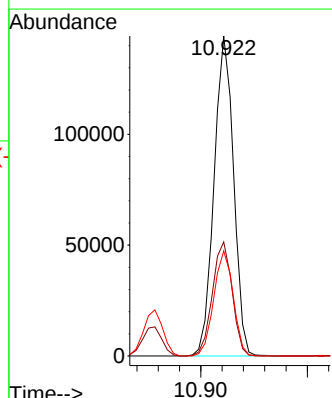
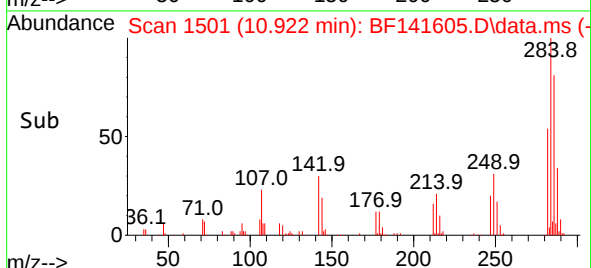
Tgt Ion:248 Resp: 173670  
Ion Ratio Lower Upper  
248 100  
250 97.6 77.8 116.6  
141 76.5 60.6 90.8



#68  
Hexachlorobenzene  
Concen: 45.778 ng  
RT: 10.922 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00



Tgt Ion:284 Resp: 182942  
Ion Ratio Lower Upper  
284 100  
142 35.6 28.0 42.0  
249 32.8 25.8 38.8





#69

Atrazine

Concen: 56.083 ng

RT: 11.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Instrument :

BNA\_F

ClientSampleId :

PB166698BS

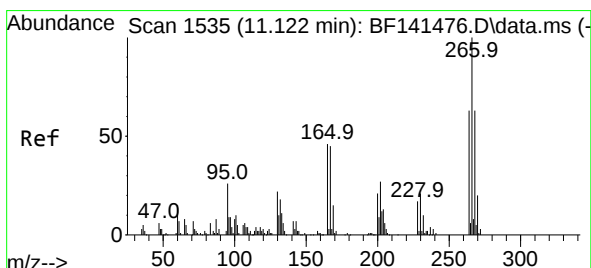
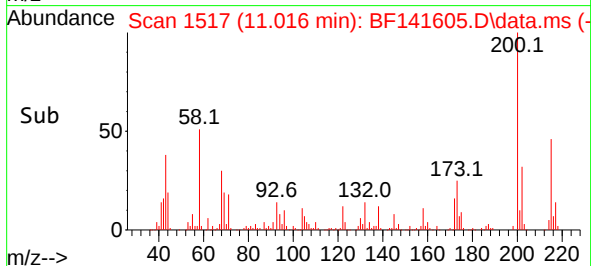
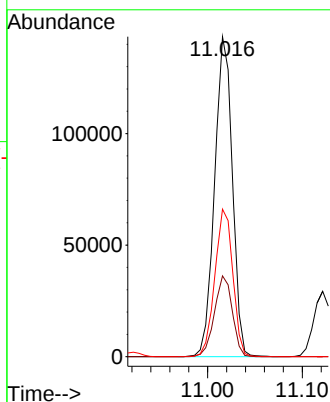
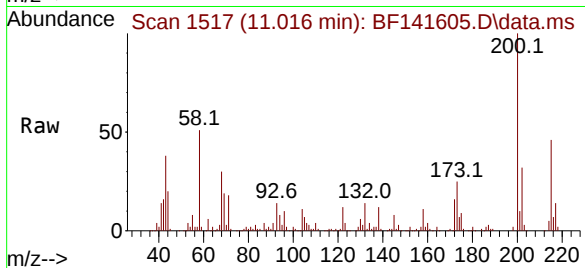
Tgt Ion:200 Resp: 187022

Ion Ratio Lower Upper

200 100

173 25.3 5.9 45.9

215 46.1 25.9 65.9



#70

Pentachlorophenol

Concen: 79.649 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

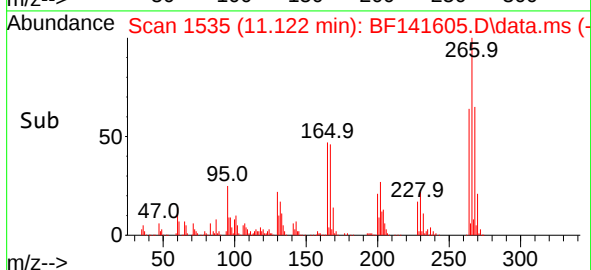
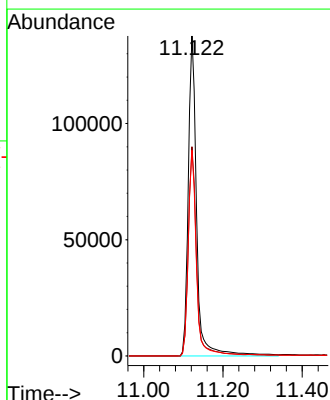
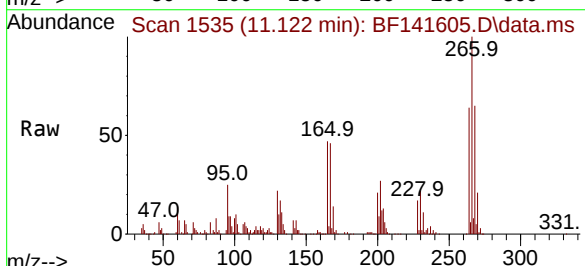
Tgt Ion:266 Resp: 203528

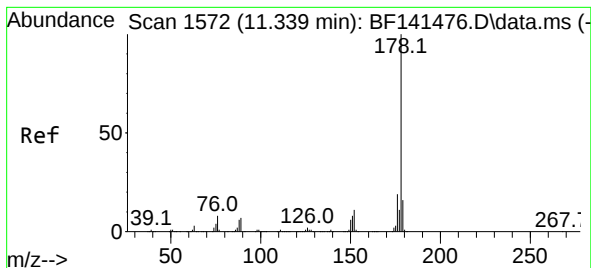
Ion Ratio Lower Upper

266 100

268 65.4 50.1 75.1

264 64.3 50.1 75.1





#71

Phenanthrene

Concen: 44.816 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Instrument :

BNA\_F

ClientSampleId :

PB166698BS

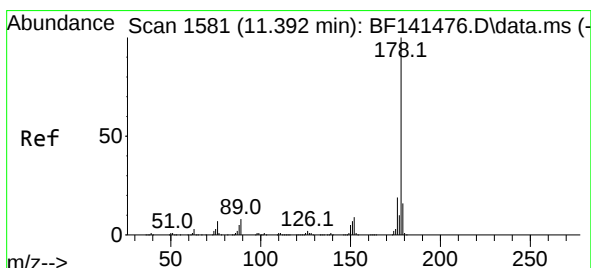
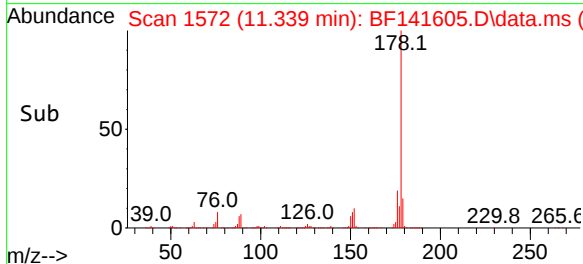
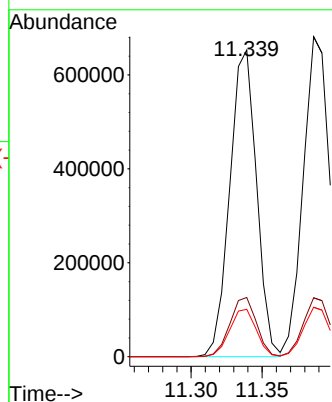
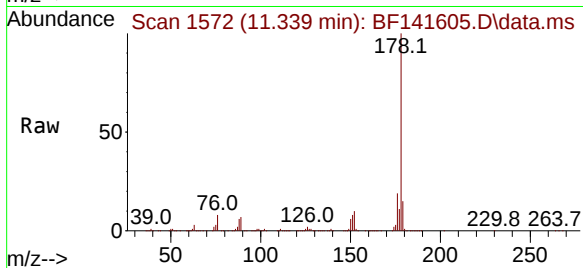
Tgt Ion:178 Resp: 856637

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.5 12.4 18.6



#72

Anthracene

Concen: 45.835 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

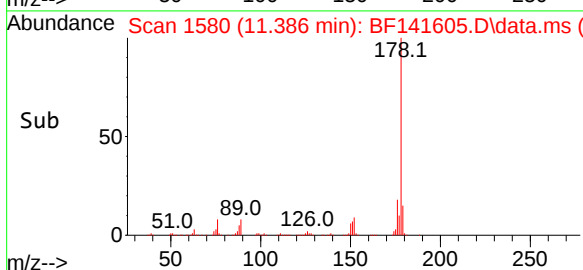
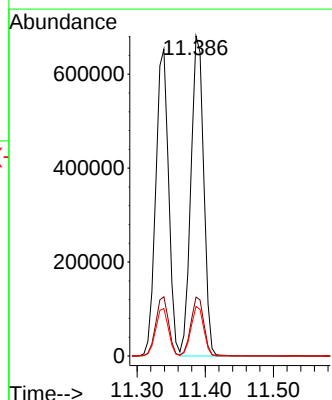
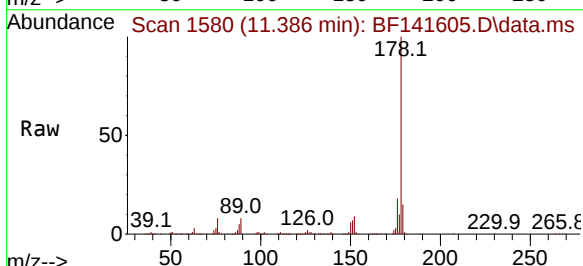
Tgt Ion:178 Resp: 880692

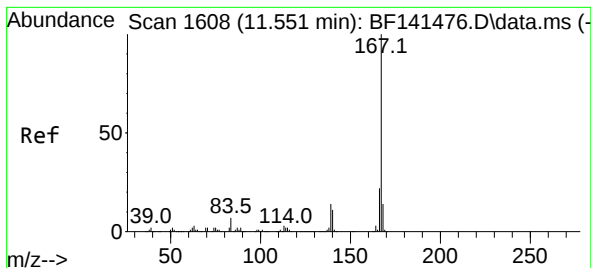
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.5 12.4 18.6





#73

Carbazole

Concen: 43.676 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Instrument :

BNA\_F

ClientSampleId :

PB166698BS

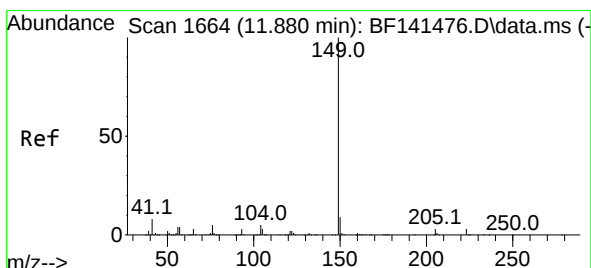
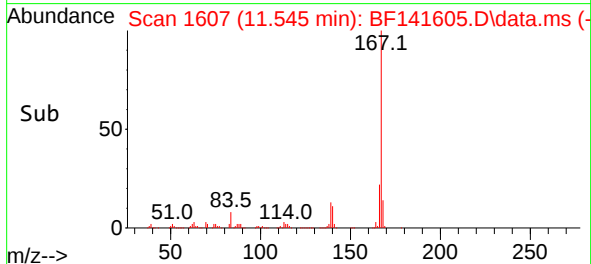
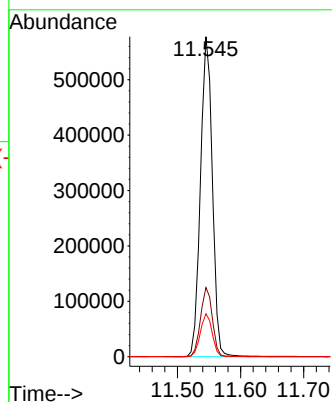
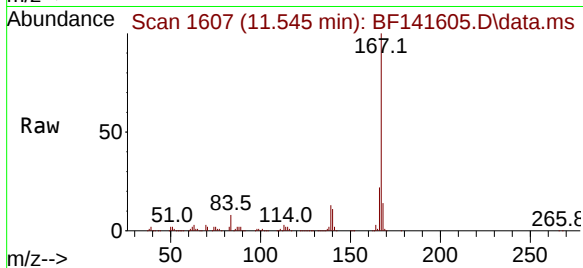
Tgt Ion:167 Resp: 755125

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.4 10.9 16.3



#74

Di-n-butylphthalate

Concen: 45.422 ng

RT: 11.874 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

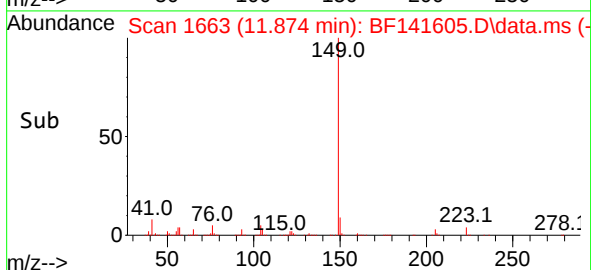
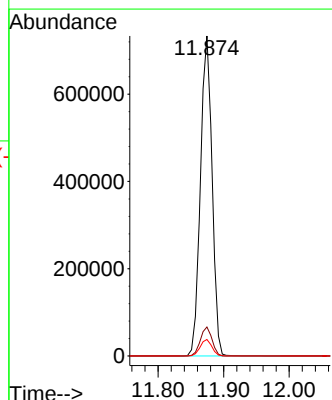
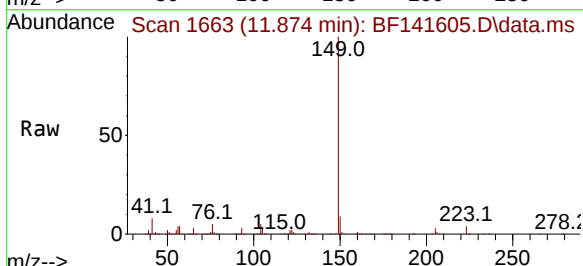
Tgt Ion:149 Resp: 906775

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.1 4.2 6.2

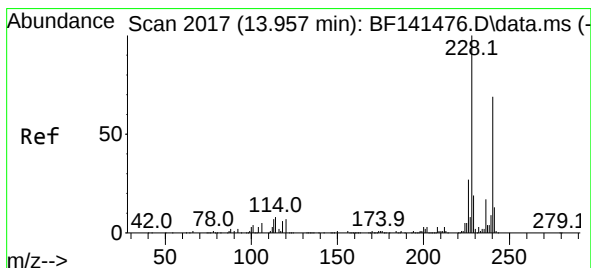
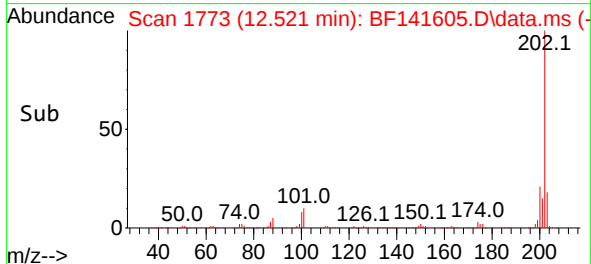
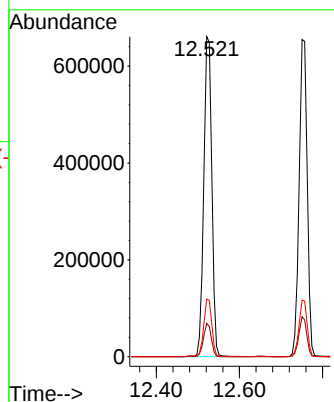
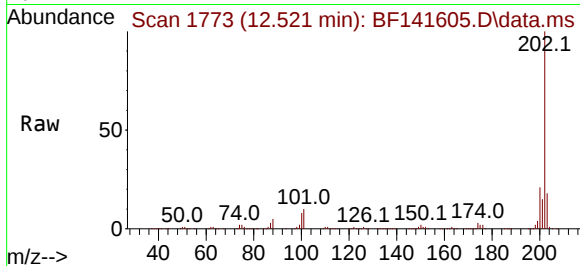




#75  
Fluoranthene  
Concen: 43.764 ng  
RT: 12.521 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

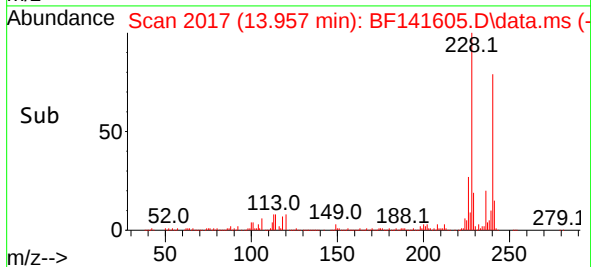
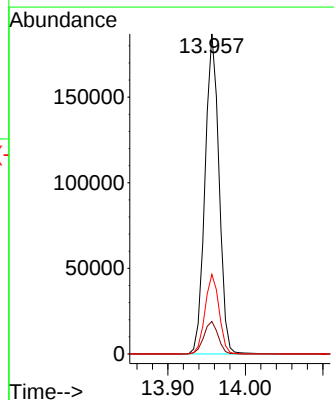
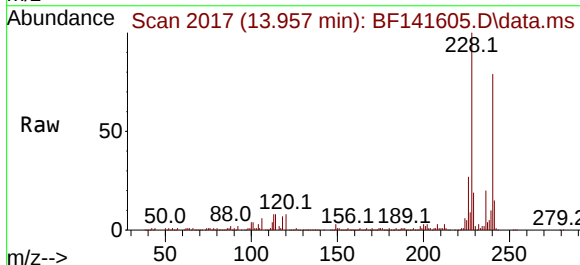
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

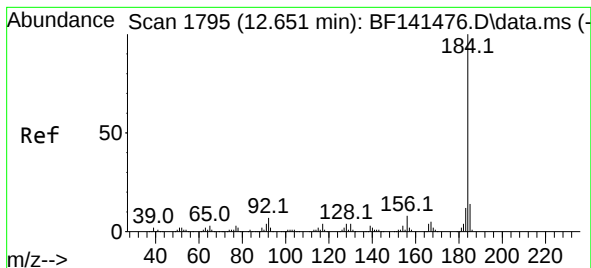
Tgt Ion:202 Resp: 886870  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 30.2  
203 18.0 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.957 min Scan# 2017  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:240 Resp: 234201  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.0 12.0  
236 24.9 19.8 29.8





#77

Benzidine

Concen: 56.235 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Instrument :

BNA\_F

ClientSampleId :

PB166698BS

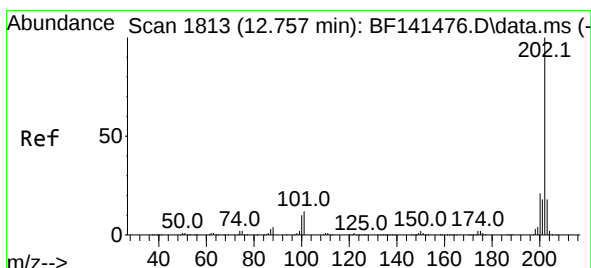
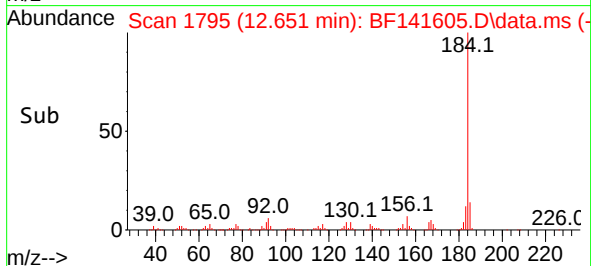
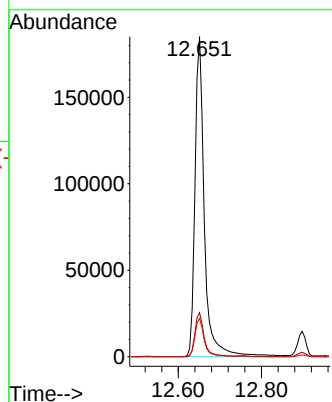
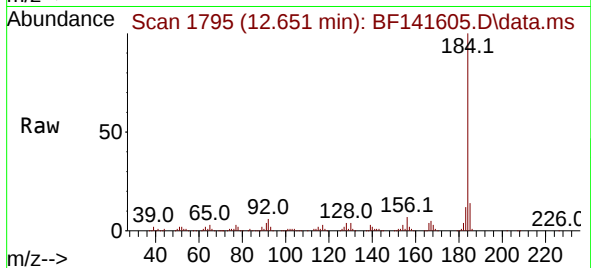
Tgt Ion:184 Resp: 290464

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

183 12.0 9.3 13.9



#78

Pyrene

Concen: 44.282 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

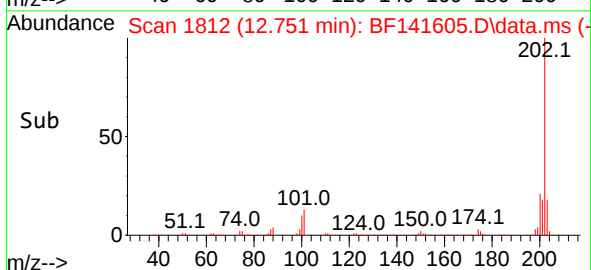
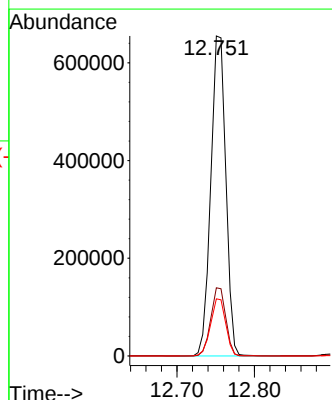
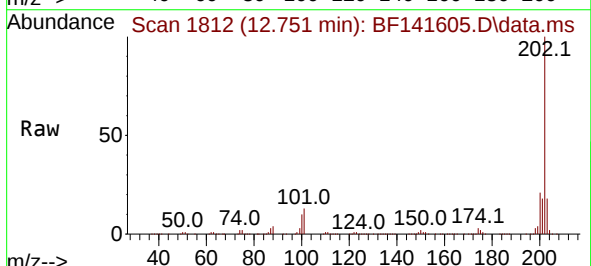
Tgt Ion:202 Resp: 882850

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 102.687 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Instrument :

BNA\_F

ClientSampleId :

PB166698BS

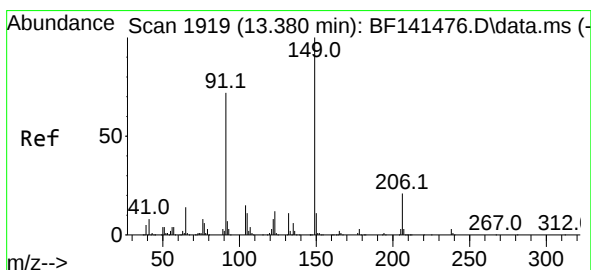
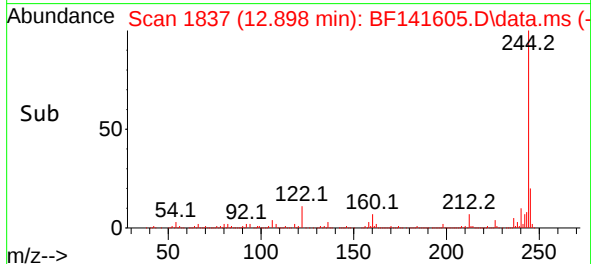
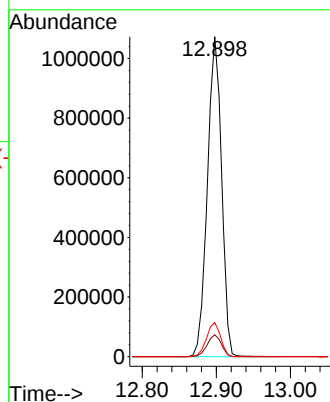
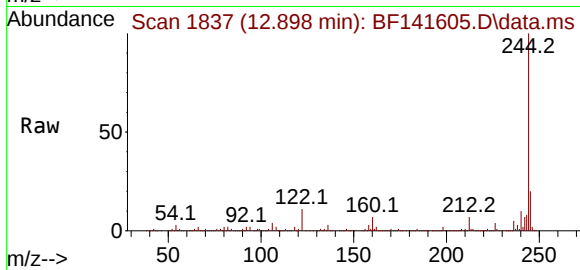
Tgt Ion:244 Resp: 1424579

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.7 8.4 12.6



#80

Butylbenzylphthalate

Concen: 48.544 ng

RT: 13.374 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

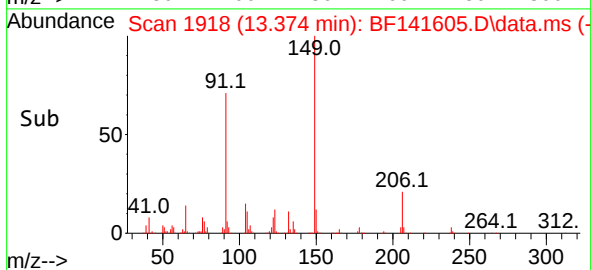
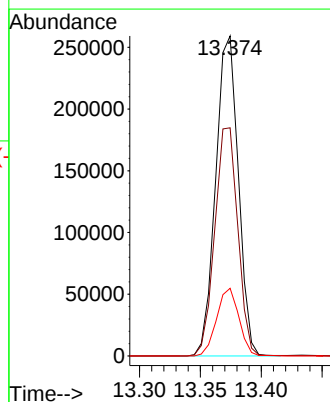
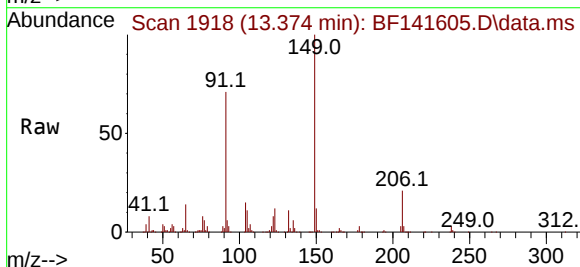
Tgt Ion:149 Resp: 335220

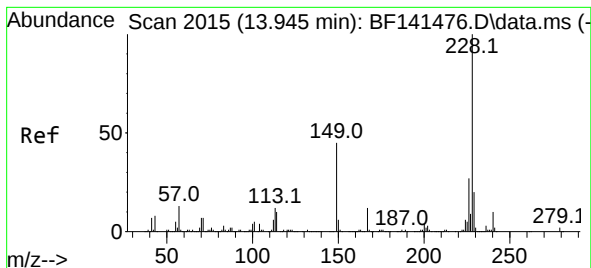
Ion Ratio Lower Upper

149 100

91 71.3 57.8 86.8

206 21.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 43.463 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Instrument :

BNA\_F

ClientSampleId :

PB166698BS

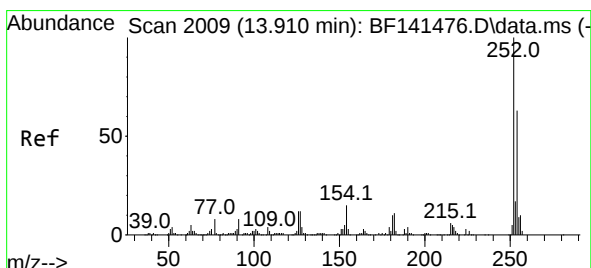
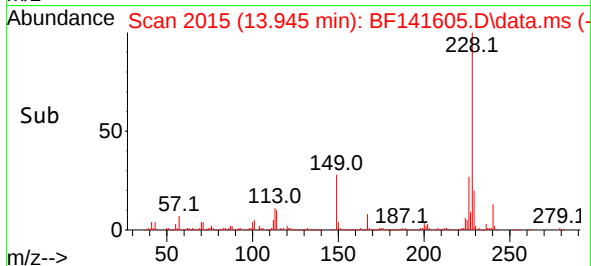
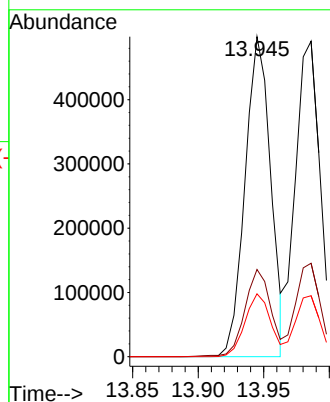
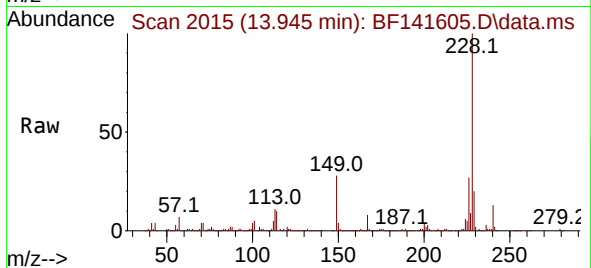
Tgt Ion:228 Resp: 676642

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 31.474 ng

RT: 13.910 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

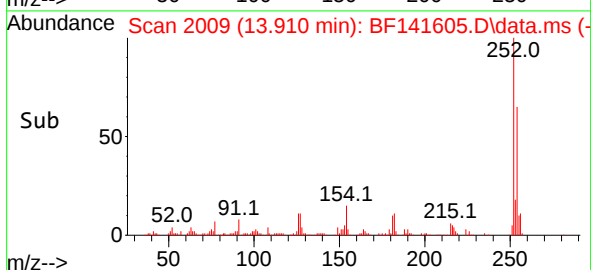
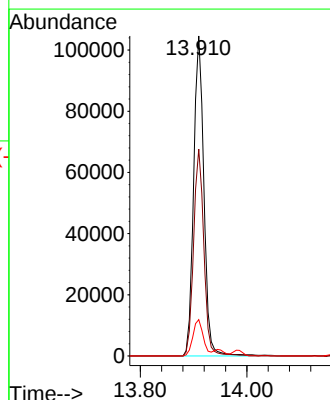
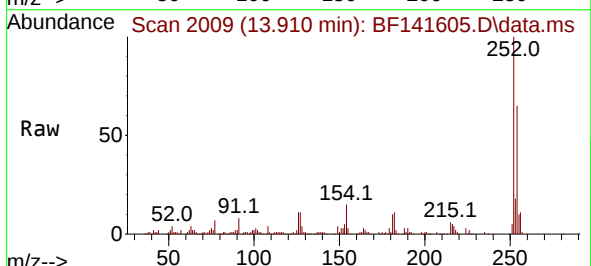
Tgt Ion:252 Resp: 140362

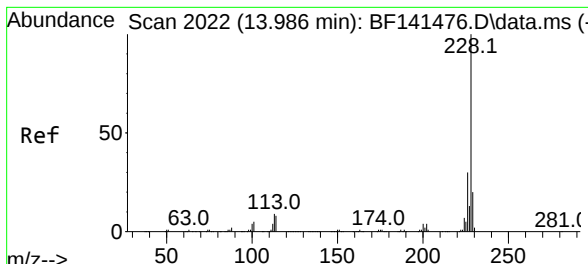
Ion Ratio Lower Upper

252 100

254 64.7 50.6 76.0

126 11.4 9.3 13.9



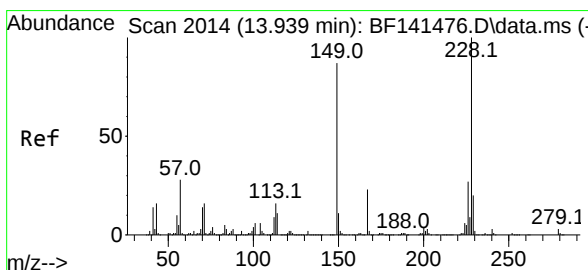
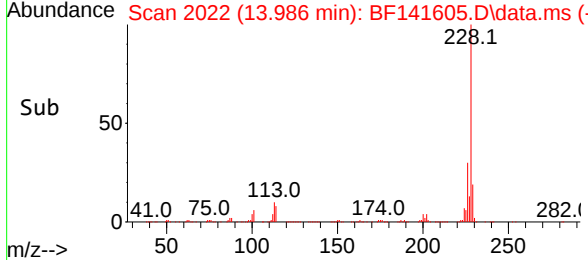
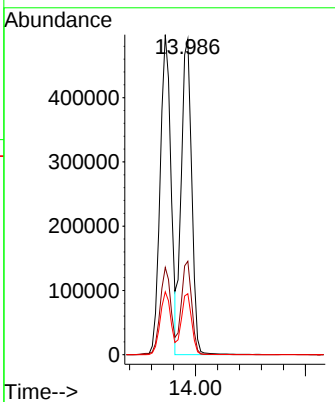
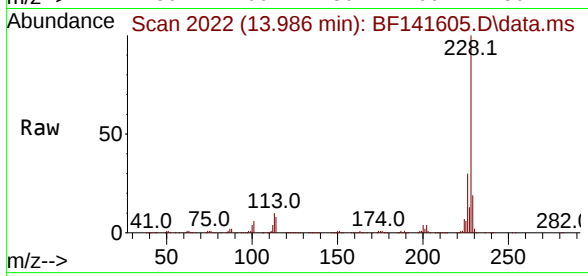


#83  
 Chrysene  
 Concen: 45.021 ng  
 RT: 13.986 min Scan# 2022  
 Delta R.T. -0.006 min  
 Lab File: BF141605.D  
 Acq: 13 Feb 2025 11:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166698BS

Tgt Ion:228 Resp: 647171

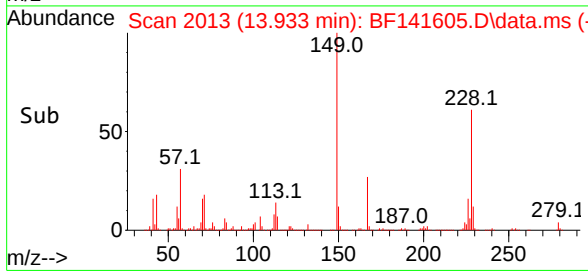
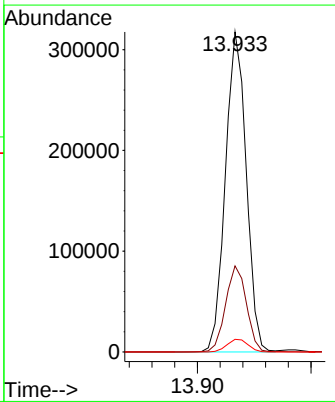
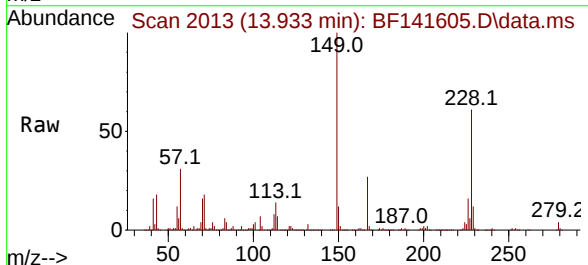
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.6  | 24.0  | 36.0  |
| 229 | 19.3  | 15.7  | 23.5  |

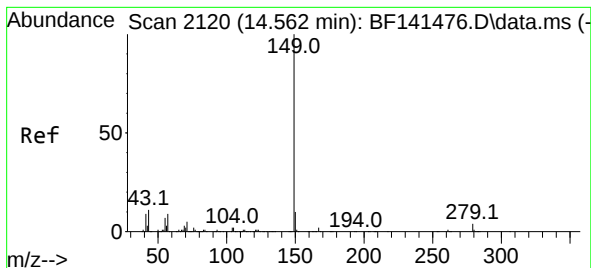


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 51.969 ng  
 RT: 13.933 min Scan# 2013  
 Delta R.T. -0.006 min  
 Lab File: BF141605.D  
 Acq: 13 Feb 2025 11:00

Tgt Ion:149 Resp: 404755

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.9  | 21.4  | 32.0  |
| 279 | 3.9   | 3.1   | 4.7   |

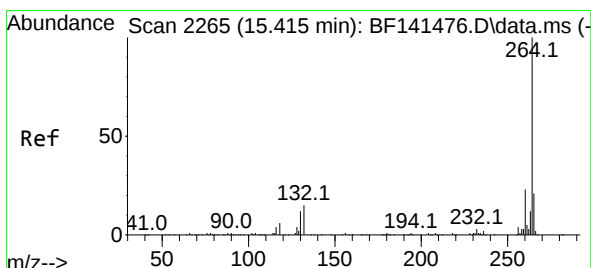
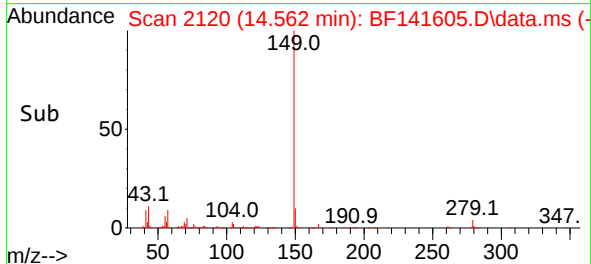
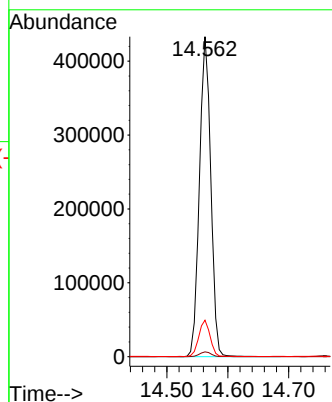
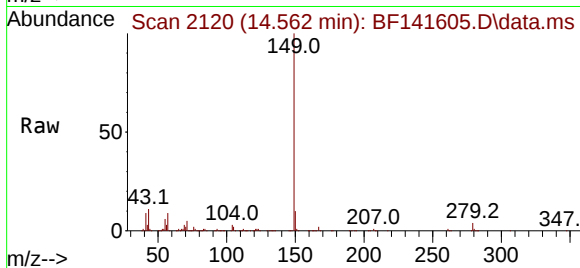




#85  
Di-n-octyl phthalate  
Concen: 50.429 ng  
RT: 14.562 min Scan# 2120  
Delta R.T. 0.000 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

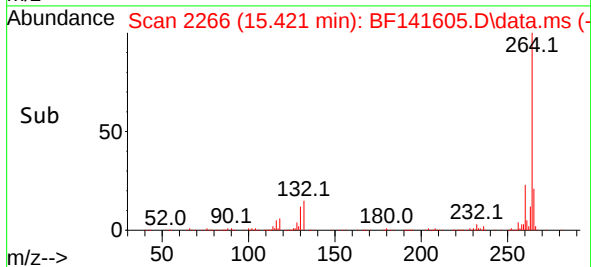
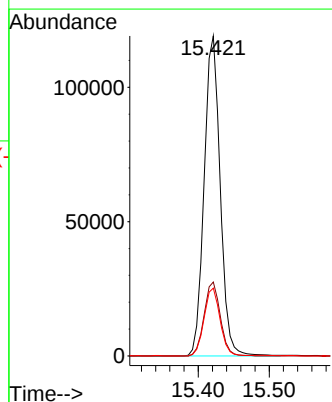
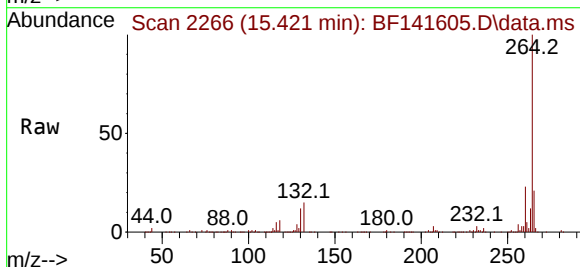
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

Tgt Ion:149 Resp: 560303  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.3 9.5 14.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.421 min Scan# 2266  
Delta R.T. 0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:264 Resp: 187533  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.6 28.0  
265 21.2 17.0 25.4

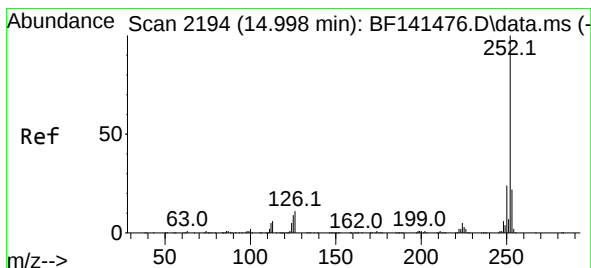
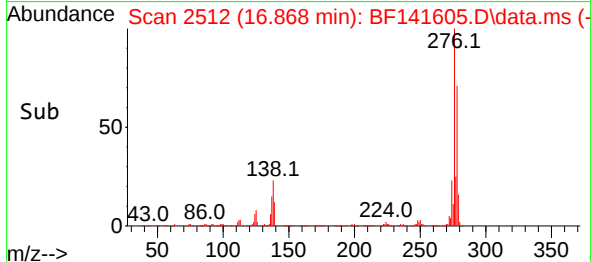
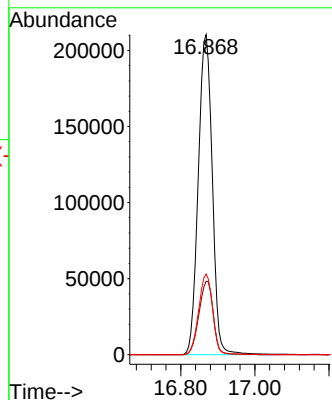
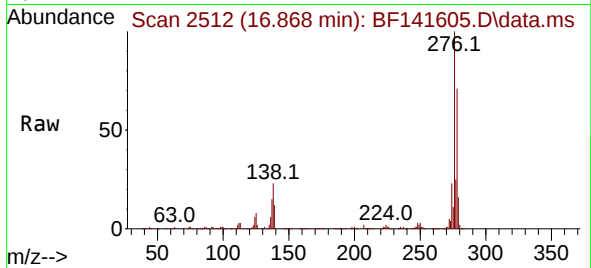




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.658 ng  
RT: 16.868 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

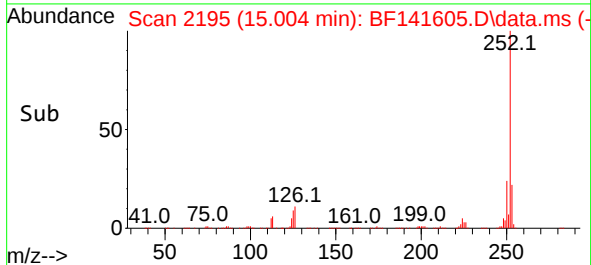
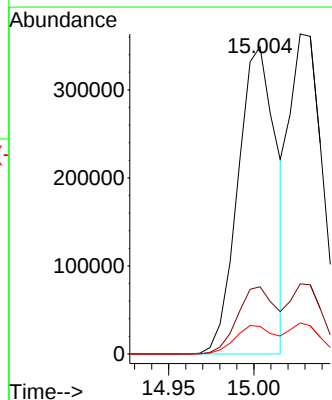
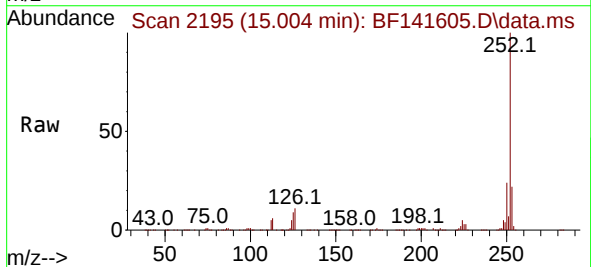
Instrument :  
BNA\_F  
ClientSampleId :  
PB166698BS

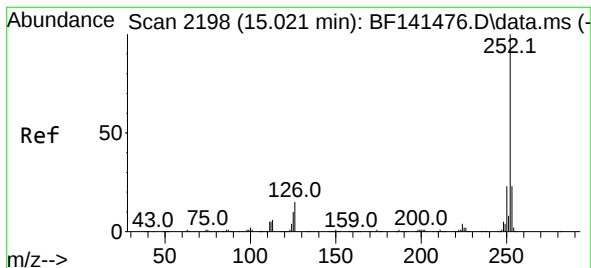
Tgt Ion:276 Resp: 552240  
Ion Ratio Lower Upper  
276 100  
138 23.4 18.0 27.0  
277 25.2 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 43.300 ng  
RT: 15.004 min Scan# 2195  
Delta R.T. 0.000 min  
Lab File: BF141605.D  
Acq: 13 Feb 2025 11:00

Tgt Ion:252 Resp: 545227  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 9.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 45.714 ng

RT: 15.027 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

Instrument :

BNA\_F

ClientSampleId :

PB166698BS

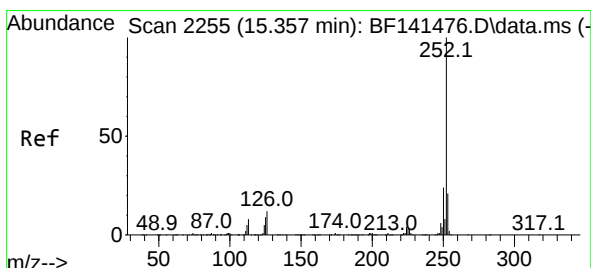
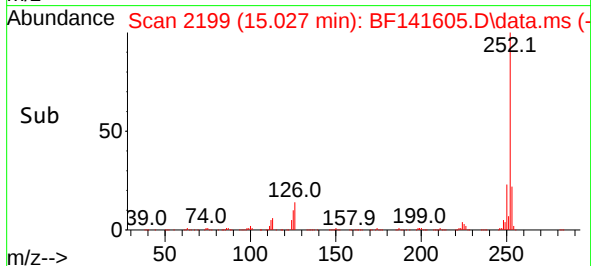
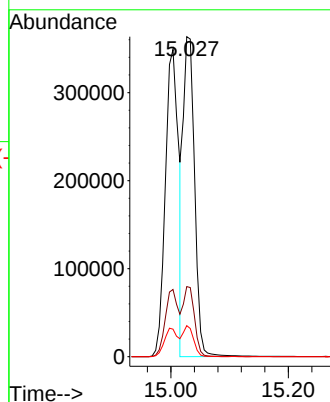
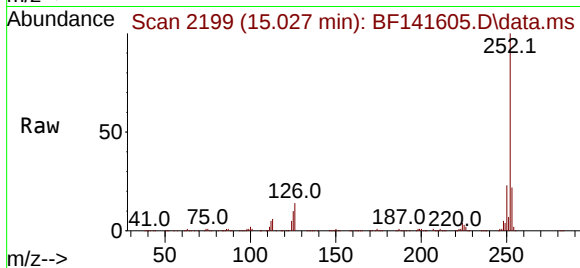
Tgt Ion:252 Resp: 491535

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 9.7 7.4 11.0



#90

Benzo(a)pyrene

Concen: 46.923 ng

RT: 15.362 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BF141605.D

Acq: 13 Feb 2025 11:00

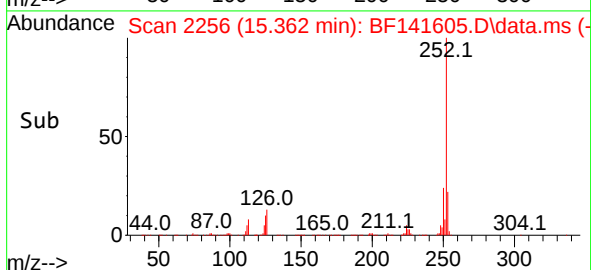
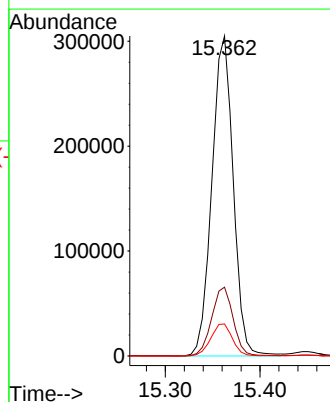
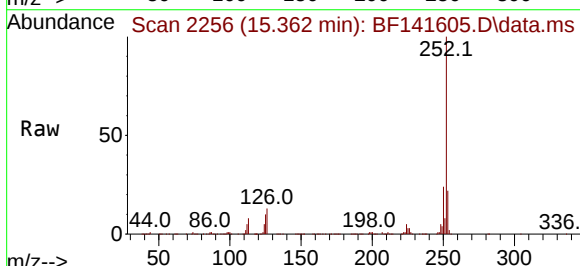
Tgt Ion:252 Resp: 478095

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 10.0 7.4 11.2

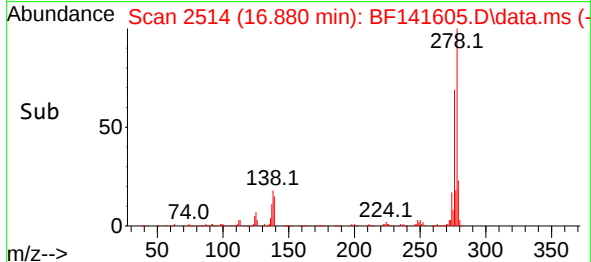
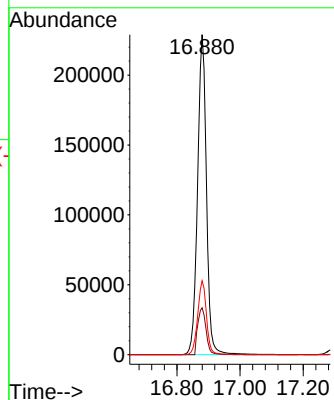
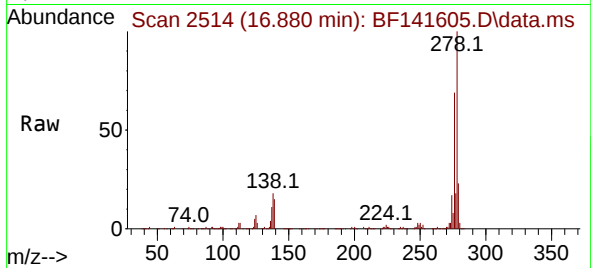




#91  
 Dibenzo(a,h)anthracene  
 Concen: 47.868 ng  
 RT: 16.880 min Scan# 2514  
 Delta R.T. -0.012 min  
 Lab File: BF141605.D  
 Acq: 13 Feb 2025 11:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166698BS

Tgt Ion:278 Resp: 449437  
 Ion Ratio Lower Upper  
 278 100  
 139 14.7 11.8 17.6  
 279 23.1 19.1 28.7



#92  
 Benzo(g,h,i)perylene  
 Concen: 43.763 ng  
 RT: 17.298 min Scan# 2585  
 Delta R.T. -0.018 min  
 Lab File: BF141605.D  
 Acq: 13 Feb 2025 11:00

Tgt Ion:276 Resp: 429993  
 Ion Ratio Lower Upper  
 276 100  
 277 23.3 18.6 28.0  
 138 20.0 15.9 23.9

