

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
 Data File : BF141716.D  
 Acq On : 21 Feb 2025 13:13  
 Operator : RC/JU  
 Sample : PB166796BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166796BS

Quant Time: Feb 21 13:33:41 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     | 6.781  | 152  | 96327    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.063  | 136  | 367759   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 197796   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 11.298 | 188  | 317365   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 13.939 | 240  | 189562   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 15.380 | 264  | 175001   | 20.000  | ng    | -0.04    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 825531   | 134.357 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 1004852  | 129.393 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 659201   | 93.493  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 266645   | 134.198 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 1222896  | 95.252  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.880 | 244  | 1202534  | 107.093 | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.593  | 88   | 105631   | 42.715  | ng    | 96       |
| 3) Pyridine                   | 3.328  | 79   | 240212   | 40.820  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.275  | 42   | 149736   | 38.428  | ng    | 88       |
| 6) Aniline                    | 6.445  | 93   | 243130   | 33.375  | ng    | # 79     |
| 8) 2-Chlorophenol             | 6.569  | 128  | 292303   | 44.027  | ng    | 99       |
| 9) Benzaldehyde               | 6.328  | 77   | 125954   | 30.521  | ng    | 99       |
| 10) Phenol                    | 6.440  | 94   | 337942   | 41.810  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.516  | 93   | 273776   | 45.095  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.722  | 146  | 309299   | 44.128  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.798  | 146  | 314513   | 43.918  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.945  | 146  | 296140   | 44.556  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.928  | 79   | 240813   | 40.437  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057  | 45   | 413559   | 39.794  | ng    | 74       |
| 17) 2-Methylphenol            | 7.045  | 107  | 224267   | 43.165  | ng    | 96       |
| 18) Hexachloroethane          | 7.287  | 117  | 115700   | 43.655  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.198  | 70   | 198827   | 42.802  | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.198  | 107  | 291160   | 44.097  | ng    | 97       |
| 22) Acetophenone              | 7.192  | 105  | 444238   | 48.560  | ng    | # 93     |
| 24) Nitrobenzene              | 7.369  | 77   | 300879   | 43.761  | ng    | 98       |
| 25) Isophorone                | 7.604  | 82   | 530301   | 47.170  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.681  | 139  | 153988   | 45.017  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.722  | 122  | 229256   | 57.370  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 326865   | 45.373  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.928  | 162  | 241138   | 44.661  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 263172   | 44.760  | ng    | 100      |
| 31) Naphthalene               | 8.087  | 128  | 832158   | 43.470  | ng    | 100      |
| 32) Benzoic acid              | 7.869  | 122  | 167716m  | 40.406  | ng    |          |
| 33) 4-Chloroaniline           | 8.145  | 127  | 62094    | 9.290   | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.198  | 225  | 161015   | 45.616  | ng    | 100      |
| 35) Caprolactam               | 8.510  | 113  | 81033m   | 49.293  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.634  | 107  | 259174   | 43.334  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.775  | 142  | 521968   | 41.901  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.875  | 142  | 506083   | 41.946  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 8.939  | 216  | 283833   | 49.600  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.928  | 237  | 268395   | 141.012 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.057  | 196  | 161386   | 43.635  | ng    | 99       |

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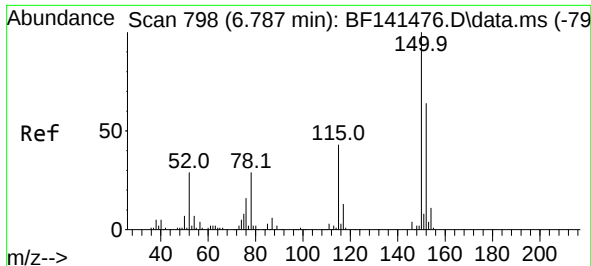
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.104  | 196  | 179810   | 44.859 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.239  | 154  | 751828   | 49.028 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.263  | 162  | 510527   | 45.022 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.363  | 65   | 162968   | 42.823 | ng    | 98       |
| 49) Acenaphthylene            | 9.675  | 152  | 780969   | 46.303 | ng    | 99       |
| 50) Dimethylphthalate         | 9.539  | 163  | 606500   | 45.167 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.604  | 165  | 131564   | 44.819 | ng    | 99       |
| 52) Acenaphthene              | 9.851  | 154  | 485095   | 42.781 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.775  | 138  | 72914    | 23.078 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.892  | 184  | 130938   | 75.053 | ng    | 89       |
| 55) Dibenzofuran              | 10.022 | 168  | 700474   | 42.087 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.957  | 139  | 172354   | 73.488 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.010 | 165  | 174926   | 44.764 | ng    | 100      |
| 58) Fluorene                  | 10.363 | 166  | 559205   | 43.454 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.145 | 232  | 147851   | 42.844 | ng    | 95       |
| 60) Diethylphthalate          | 10.239 | 149  | 572964   | 43.369 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.357 | 204  | 273847   | 44.233 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.392 | 138  | 128559   | 40.073 | ng    | 98       |
| 63) Azobenzene                | 10.516 | 77   | 537548   | 40.928 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.422 | 198  | 92742    | 42.068 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.475 | 169  | 487775   | 48.013 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.845 | 248  | 164701   | 46.434 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.910 | 284  | 177525   | 48.605 | ng    | 99       |
| 69) Atrazine                  | 11.004 | 200  | 181370   | 59.509 | ng    | 99       |
| 70) Pentachlorophenol         | 11.110 | 266  | 162372   | 69.526 | ng    | 99       |
| 71) Phenanthrene              | 11.322 | 178  | 789793   | 45.210 | ng    | 100      |
| 72) Anthracene                | 11.375 | 178  | 807352   | 45.974 | ng    | 99       |
| 73) Carbazole                 | 11.533 | 167  | 689575   | 43.640 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.863 | 149  | 819175   | 44.898 | ng    | 100      |
| 75) Fluoranthene              | 12.510 | 202  | 776148   | 41.906 | ng    | 100      |
| 77) Benzidine                 | 12.639 | 184  | 224440   | 53.685 | ng    | 100      |
| 78) Pyrene                    | 12.739 | 202  | 770336   | 47.738 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.357 | 149  | 277925   | 49.724 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.927 | 228  | 579389   | 45.980 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.892 | 252  | 115921   | 32.115 | ng    | 99       |
| 83) Chrysene                  | 13.963 | 228  | 538467   | 46.280 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.916 | 149  | 339083   | 53.789 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.521 | 149  | 493151   | 54.837 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.810 | 276  | 531589   | 49.161 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.963 | 252  | 490663   | 41.757 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.992 | 252  | 468742   | 46.716 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.315 | 252  | 457056   | 48.070 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.821 | 278  | 429071   | 48.971 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.239 | 276  | 416531   | 45.429 | ng    | 100      |

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

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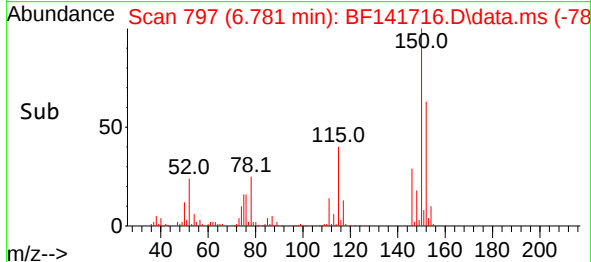
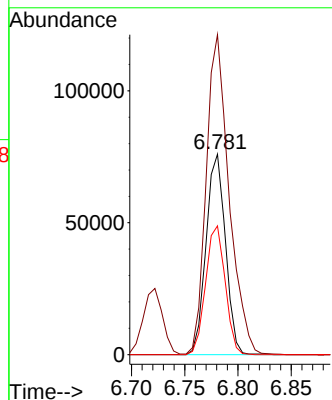
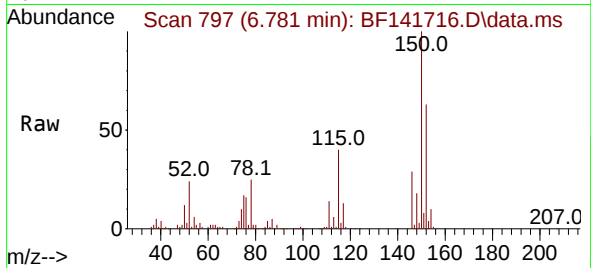




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.011 min  
 Lab File: BF141716.D  
 Acq: 21 Feb 2025 13:13

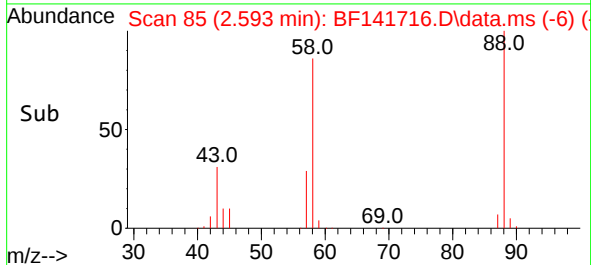
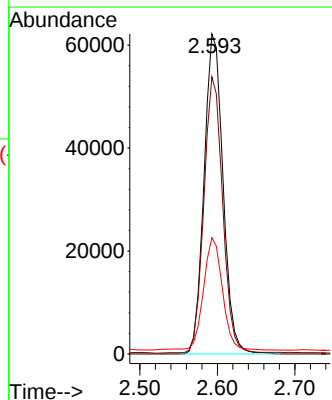
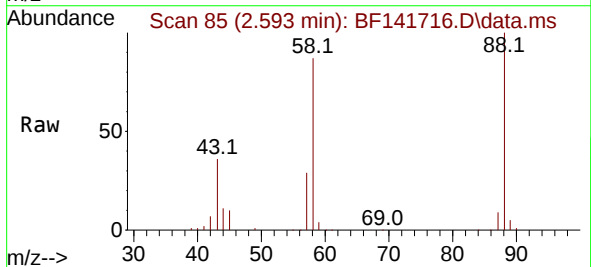
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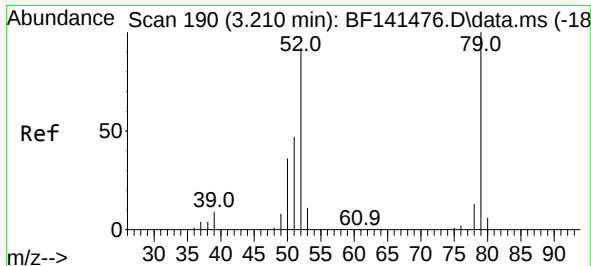
Tgt Ion:152 Resp: 96327  
 Ion Ratio Lower Upper  
 152 100  
 150 159.7 125.0 187.4  
 115 64.3 53.6 80.4



#2  
 1,4-Dioxane  
 Concen: 42.715 ng  
 RT: 2.593 min Scan# 85  
 Delta R.T. 0.112 min  
 Lab File: BF141716.D  
 Acq: 21 Feb 2025 13:13

Tgt Ion: 88 Resp: 105631  
 Ion Ratio Lower Upper  
 88 100  
 58 85.6 71.1 106.7  
 43 35.3 30.6 46.0





#3

Pyridine

Concen: 40.820 ng

RT: 3.328 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA\_F

ClientSampleId :

PB166796BS

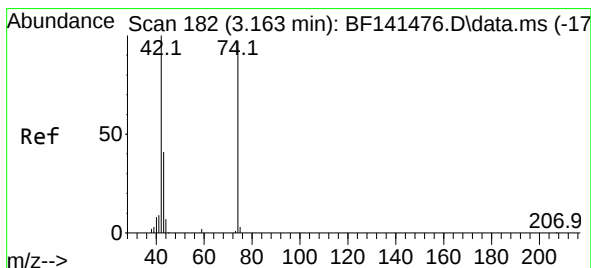
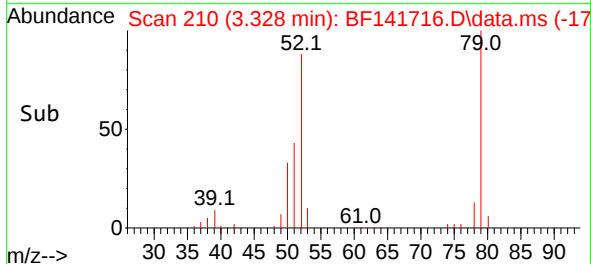
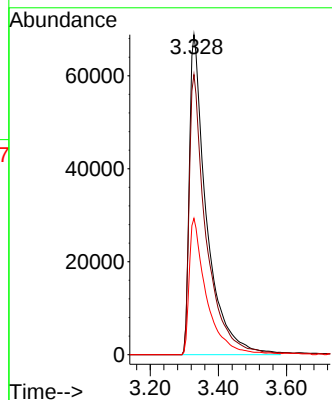
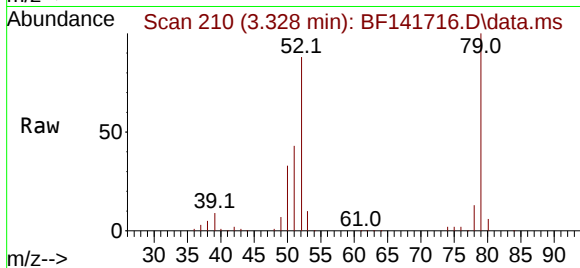
Tgt Ion: 79 Resp: 240212

Ion Ratio Lower Upper

79 100

52 87.6 73.7 110.5

51 42.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.428 ng

RT: 3.275 min Scan# 201

Delta R.T. 0.088 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

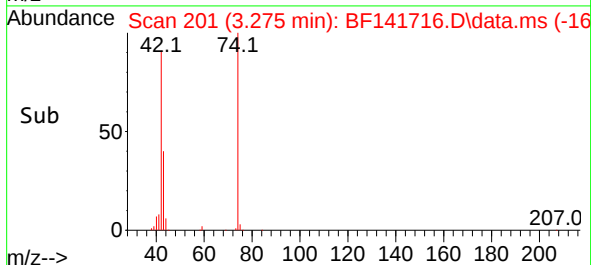
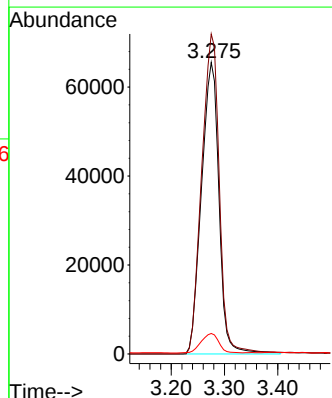
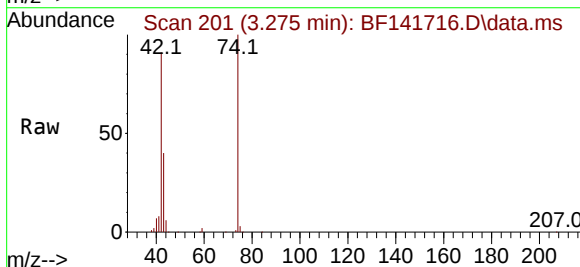
Tgt Ion: 42 Resp: 149736

Ion Ratio Lower Upper

42 100

74 109.8 78.0 117.0

44 7.0 5.4 8.2

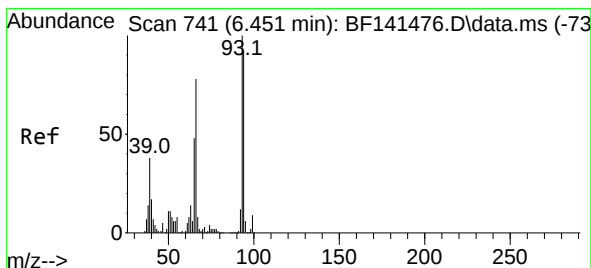
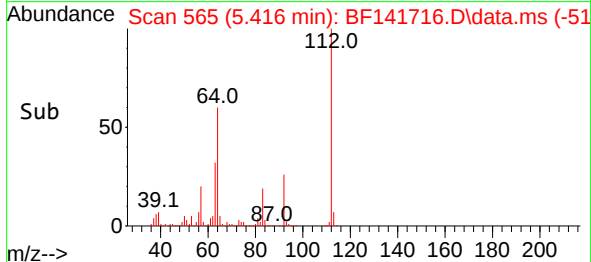
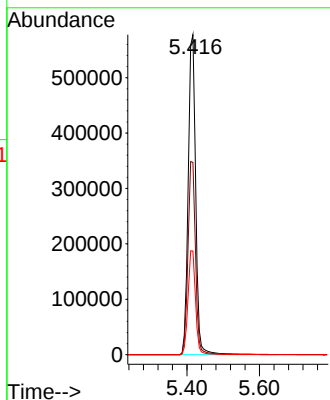
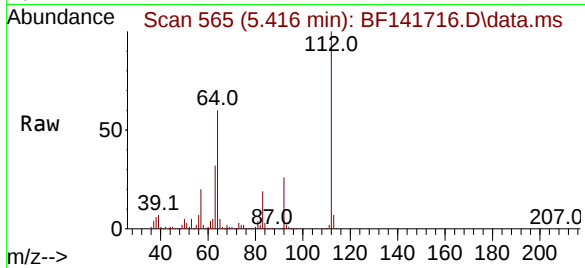




#5  
2-Fluorophenol  
Concen: 134.357 ng  
RT: 5.416 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

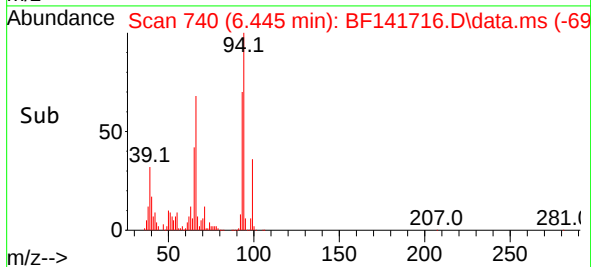
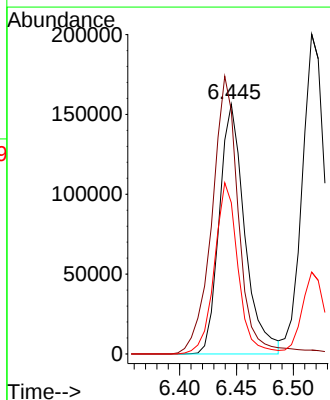
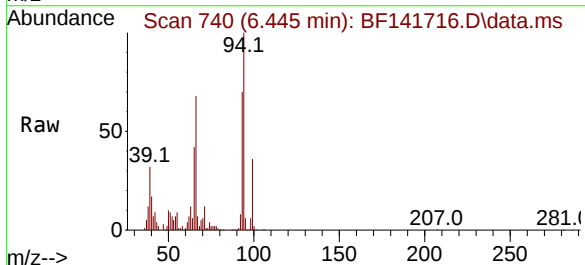
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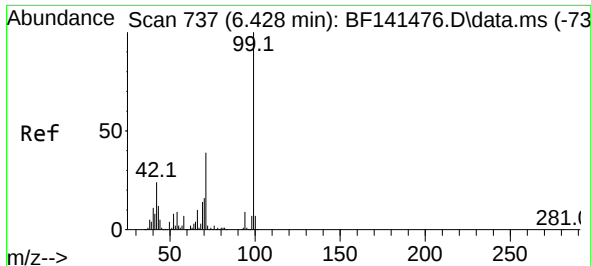
Tgt Ion:112 Resp: 825531  
Ion Ratio Lower Upper  
112 100  
64 60.1 51.1 76.7  
63 32.4 28.4 42.6



#6  
Aniline  
Concen: 33.375 ng  
RT: 6.445 min Scan# 740  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion: 93 Resp: 243130  
Ion Ratio Lower Upper  
93 100  
66 97.4 62.6 94.0#  
65 60.5 38.3 57.5#





#7  
Phenol-d6  
Concen: 129.393 ng  
RT: 6.428 min Scan# 714  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

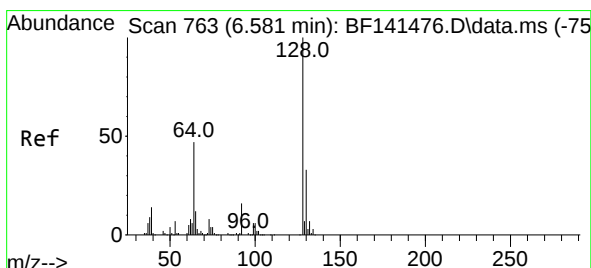
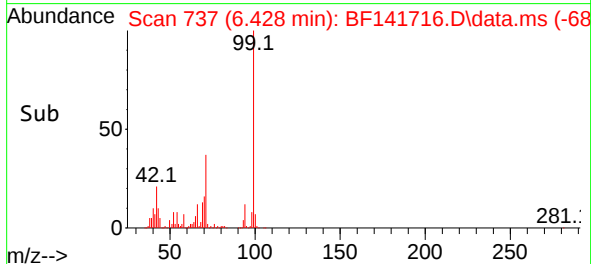
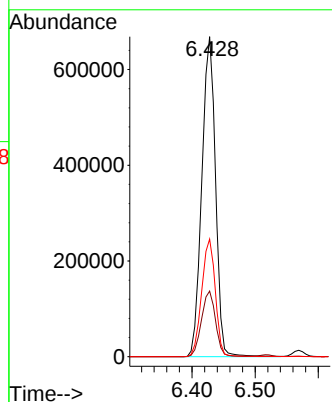
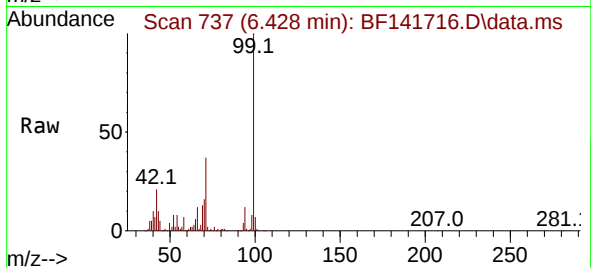
Instrument :

BNA\_F

ClientSampleId :

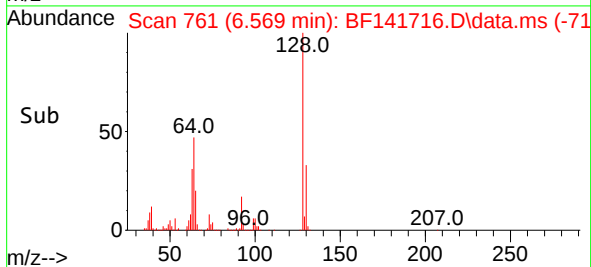
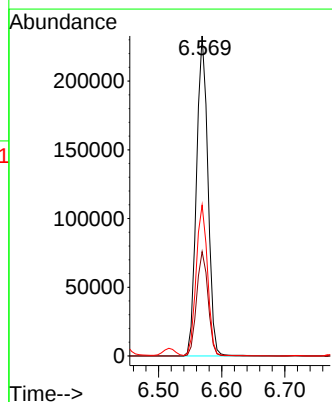
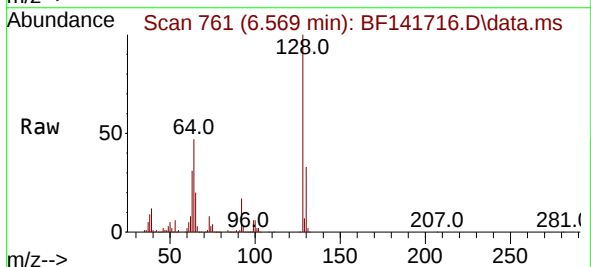
PB166796BS

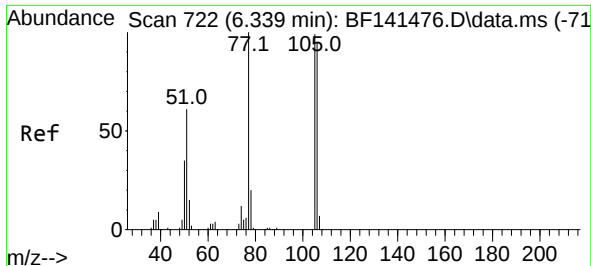
Tgt Ion: 99 Resp: 1004852  
Ion Ratio Lower Upper  
99 100  
42 20.5 19.1 28.7  
71 36.8 31.1 46.7



#8  
2-Chlorophenol  
Concen: 44.027 ng  
RT: 6.569 min Scan# 761  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion: 128 Resp: 292303  
Ion Ratio Lower Upper  
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130 32.6 12.7 52.7  
64 47.1 28.3 68.3

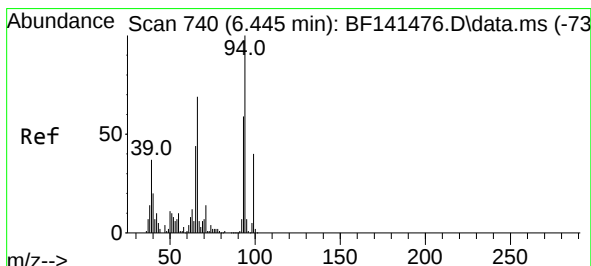
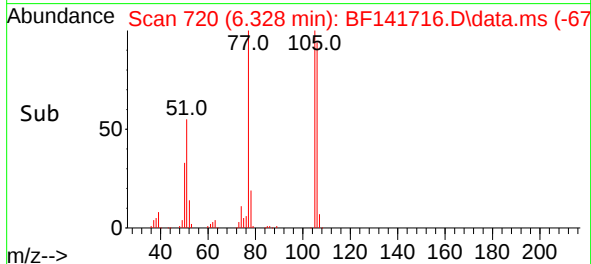
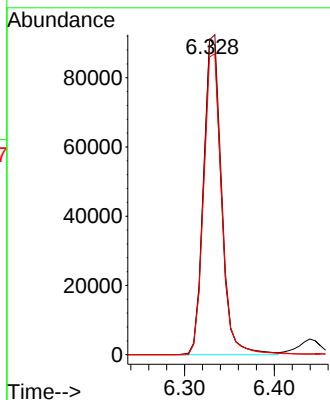
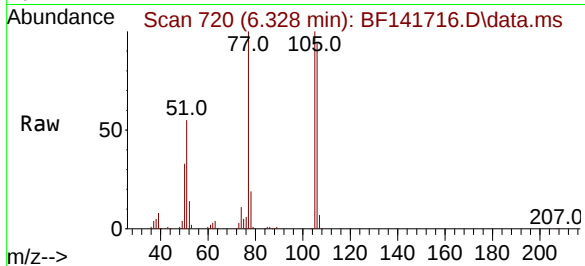




#9  
Benzaldehyde  
Concen: 30.521 ng  
RT: 6.328 min Scan# 719  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

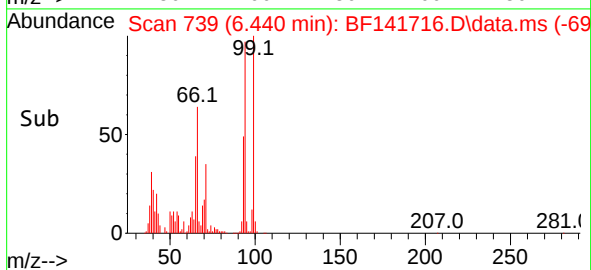
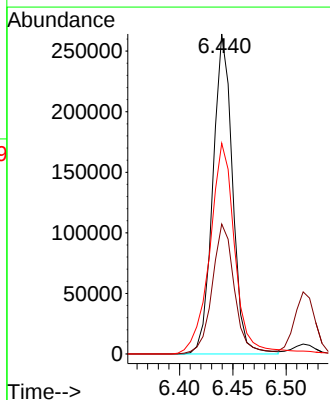
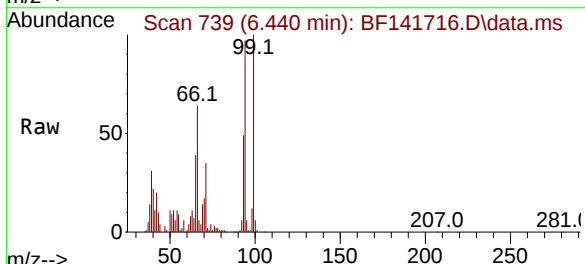
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

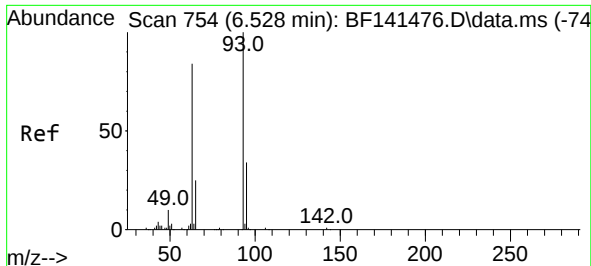
Tgt Ion: 77 Resp: 125954  
Ion Ratio Lower Upper  
77 100  
105 99.9 79.4 119.4  
106 94.4 75.1 115.1



#10  
Phenol  
Concen: 41.810 ng  
RT: 6.440 min Scan# 739  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion: 94 Resp: 337942  
Ion Ratio Lower Upper  
94 100  
65 40.6 23.7 63.7  
66 65.8 49.3 89.3

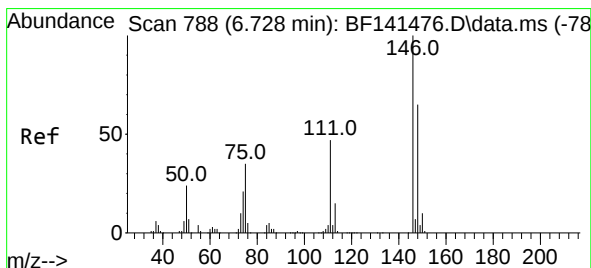
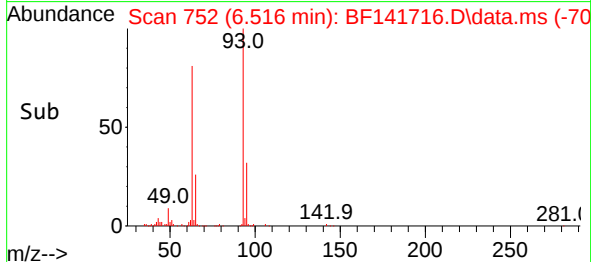
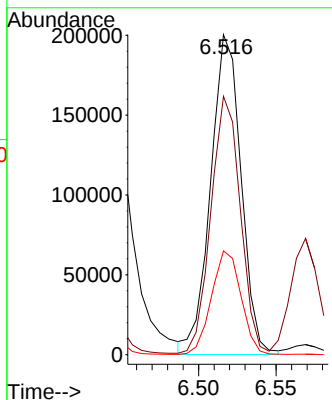
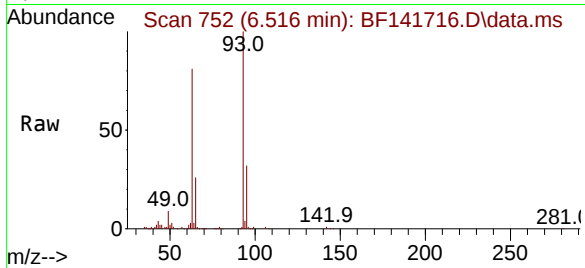




#11  
bis(2-Chloroethyl)ether  
Concen: 45.095 ng  
RT: 6.516 min Scan# 711  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

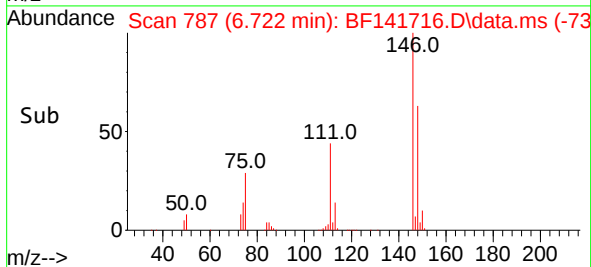
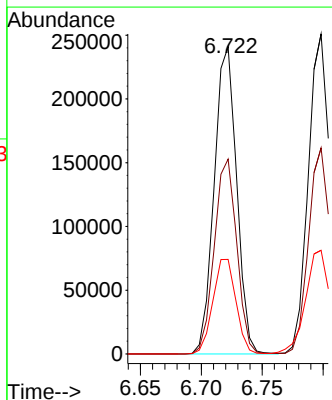
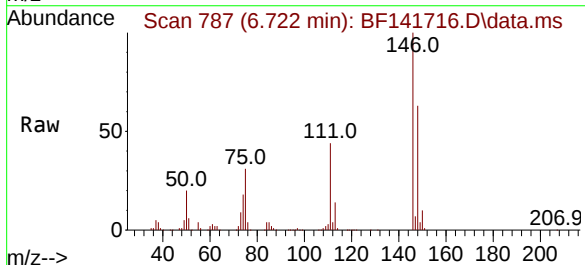
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

Tgt Ion: 93 Resp: 273776  
Ion Ratio Lower Upper  
93 100  
63 80.8 62.0 102.0  
95 32.4 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 44.128 ng  
RT: 6.722 min Scan# 787  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:146 Resp: 309299  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.9 77.9  
75 30.8 28.2 42.2

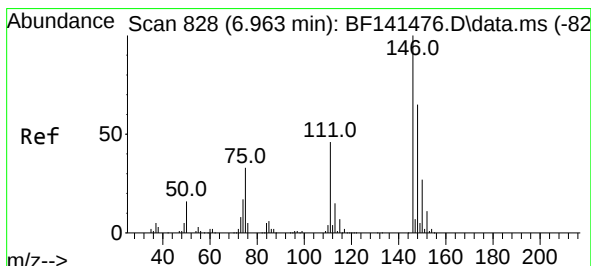
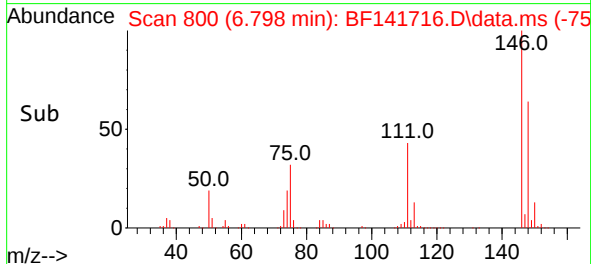
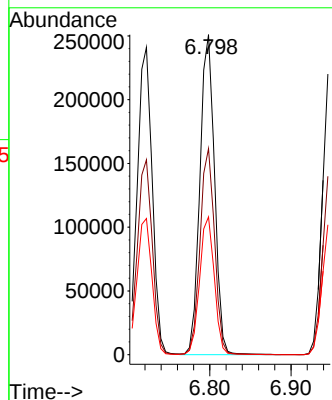
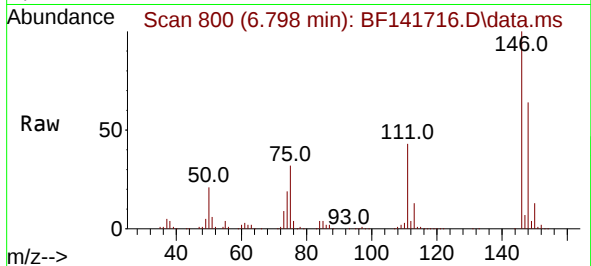




#13  
1,4-Dichlorobenzene  
Concen: 43.918 ng  
RT: 6.798 min Scan# 801  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

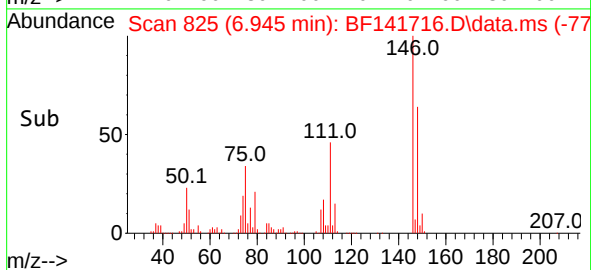
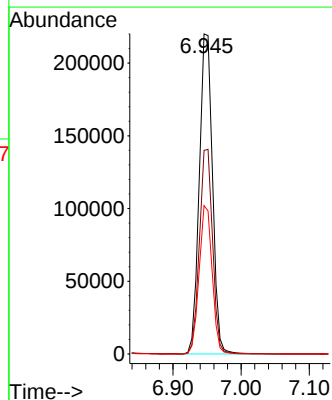
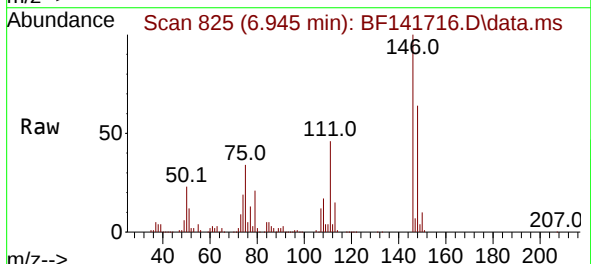
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

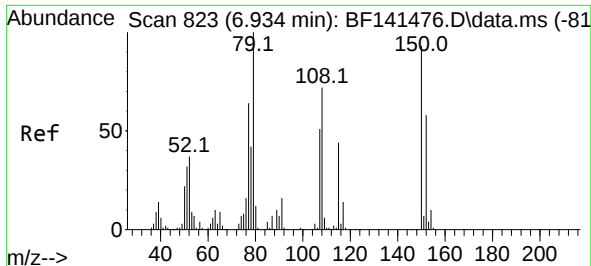
Tgt Ion:146 Resp: 314513  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.9 76.3  
111 43.1 35.9 53.9



#14  
1,2-Dichlorobenzene  
Concen: 44.556 ng  
RT: 6.945 min Scan# 825  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:146 Resp: 296140  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.8 77.6  
111 46.3 37.0 55.4

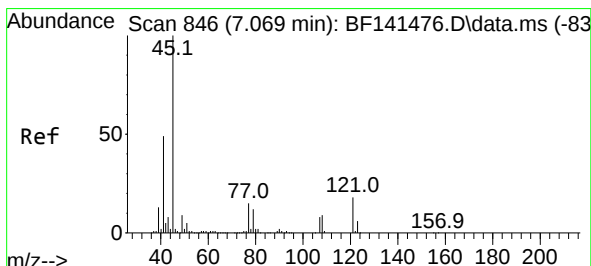
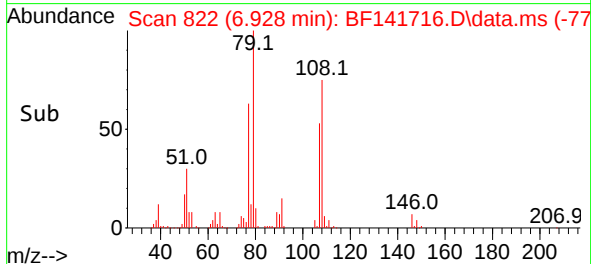
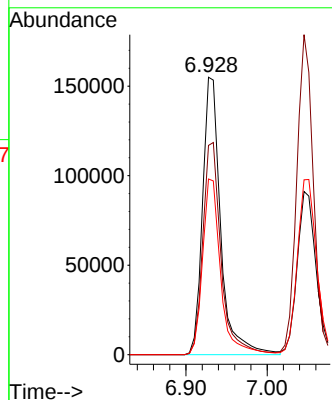
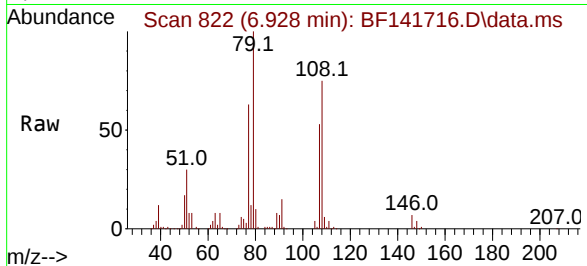




#15  
Benzyl Alcohol  
Concen: 40.437 ng  
RT: 6.928 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

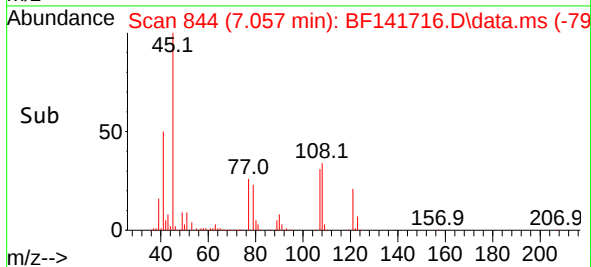
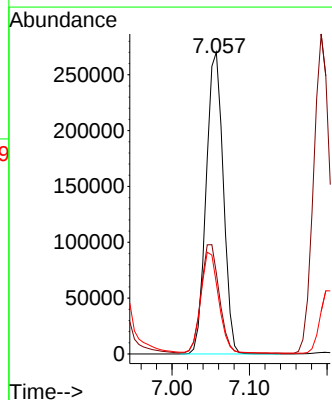
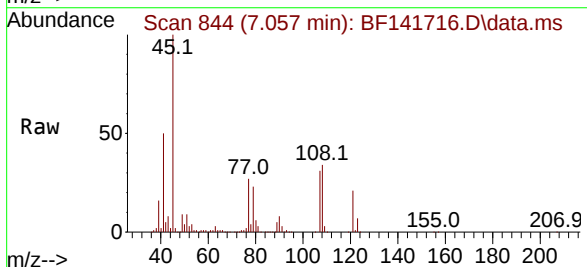
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

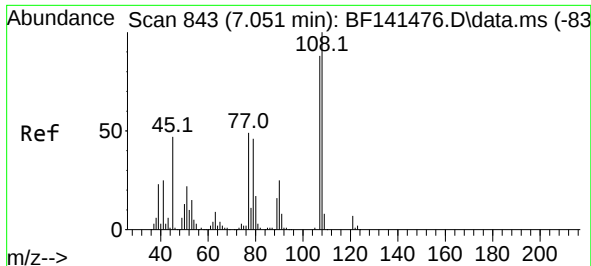
Tgt Ion: 79 Resp: 240813  
Ion Ratio Lower Upper  
79 100  
108 75.5 57.4 86.2  
77 63.3 50.9 76.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.794 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

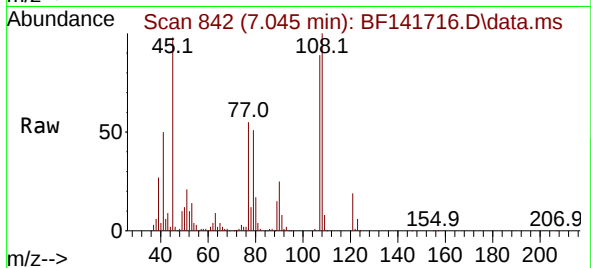
Tgt Ion: 45 Resp: 413559  
Ion Ratio Lower Upper  
45 100  
77 26.8 0.0 35.8  
79 23.3 0.0 32.7



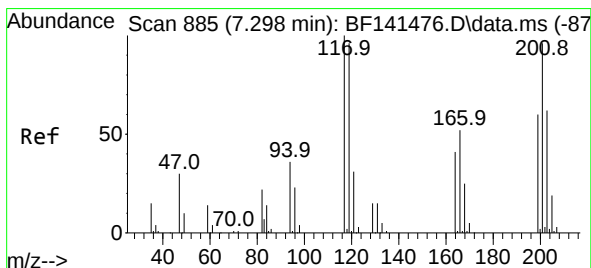
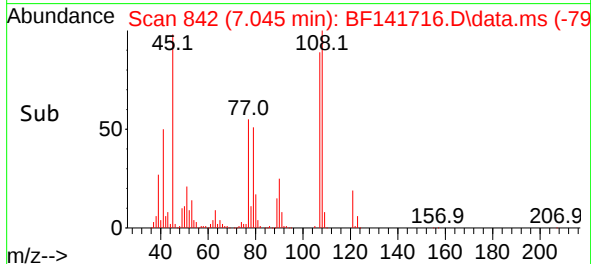
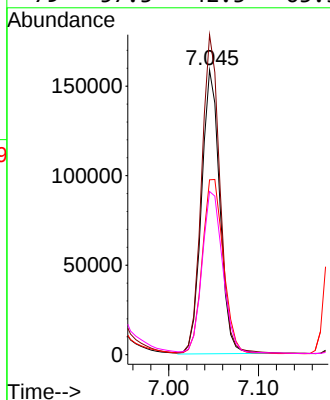


#17  
2-Methylphenol  
Concen: 43.165 ng  
RT: 7.045 min Scan# 842  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

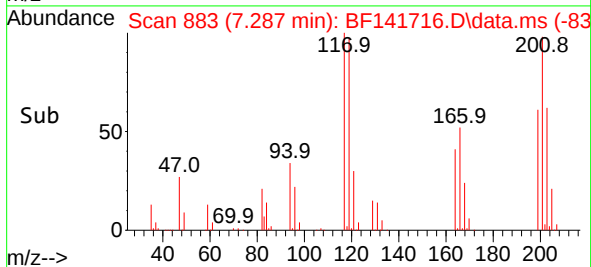
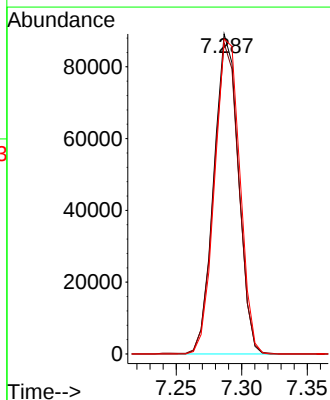
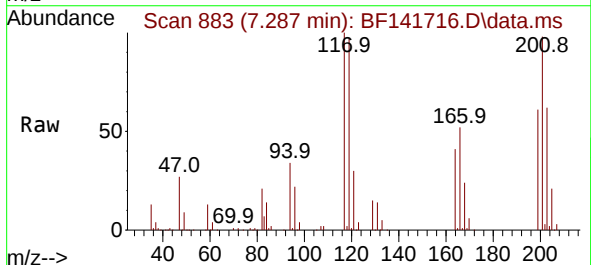


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 224267 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.4 | 90.6  | 136.0  |
| 77       | 61.4  | 44.4  | 66.6   |
| 79       | 57.3  | 42.3  | 63.5   |



#18  
Hexachloroethane  
Concen: 43.655 ng  
RT: 7.287 min Scan# 883  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 115700 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.1  | 76.5  | 114.7  |
| 201      | 98.4  | 76.7  | 115.1  |



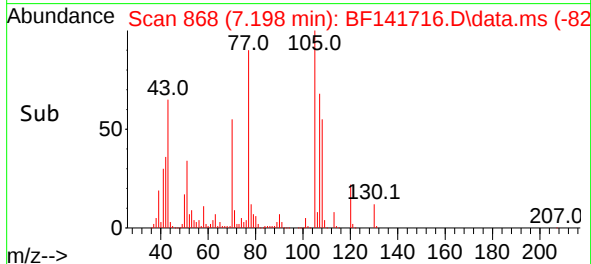
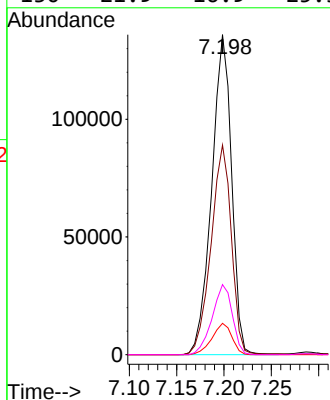
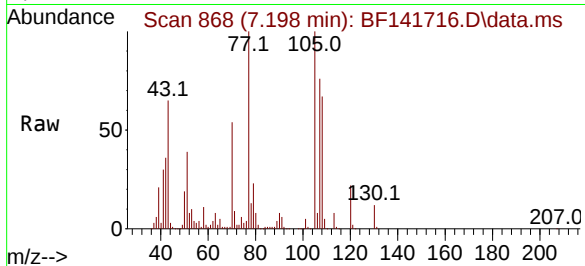


#19  
n-Nitroso-di-n-propylamine  
Concen: 42.802 ng  
RT: 7.198 min Scan# 80  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

Tgt Ion: 70 Resp: 198827

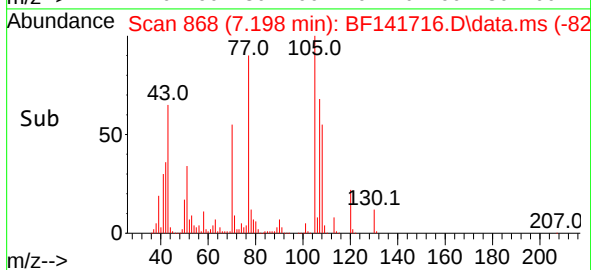
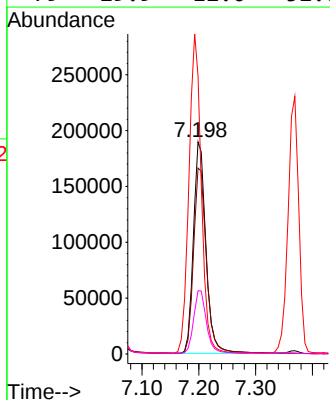
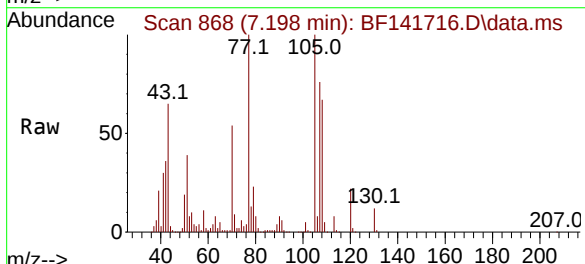
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 65.5  | 57.4  | 86.2  |
| 101 | 9.8   | 8.0   | 12.0  |
| 130 | 21.9  | 16.9  | 25.3  |

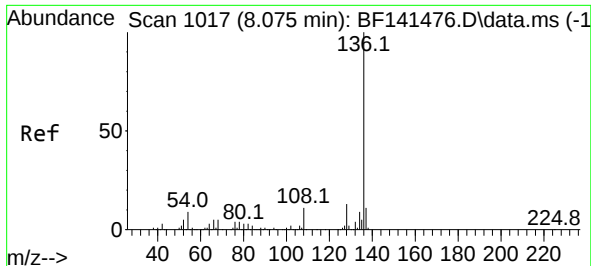


#20  
3+4-Methylphenols  
Concen: 44.097 ng  
RT: 7.198 min Scan# 868  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion: 107 Resp: 291160

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.7  | 68.5  | 108.5 |
| 77  | 131.2 | 116.5 | 156.5 |
| 79  | 29.9  | 12.0  | 52.0  |

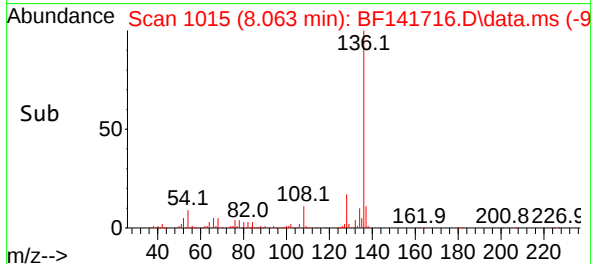
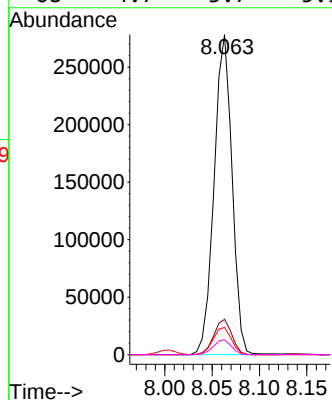
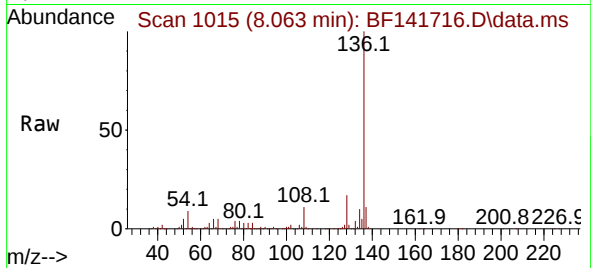




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

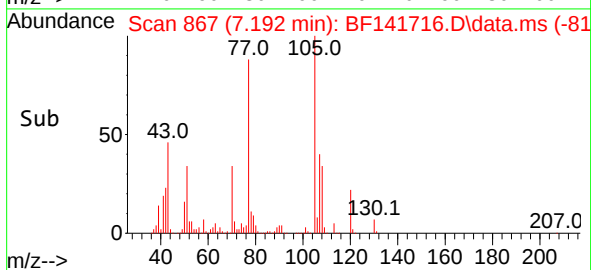
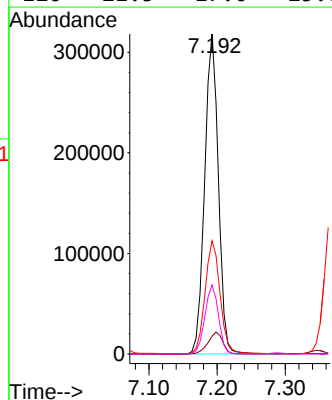
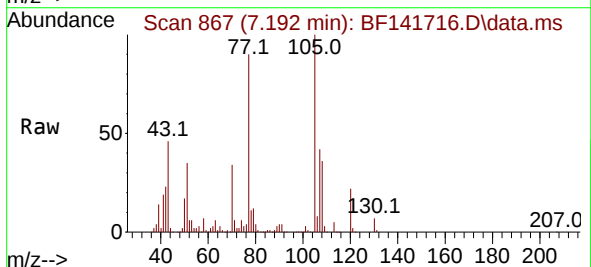
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

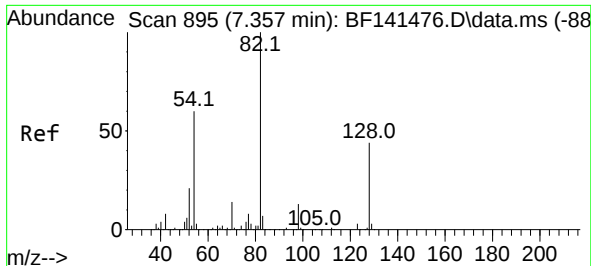
Tgt Ion:136 Resp: 367759  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 8.5 7.2 10.8  
68 4.7 3.7 5.5



#22  
Acetophenone  
Concen: 48.560 ng  
RT: 7.192 min Scan# 867  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:105 Resp: 444238  
Ion Ratio Lower Upper  
105 100  
71 5.6 5.7 8.5#  
51 35.3 33.7 50.5  
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 93.493 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA\_F

ClientSampleId :

PB166796BS

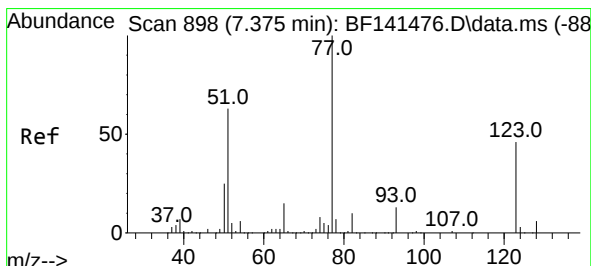
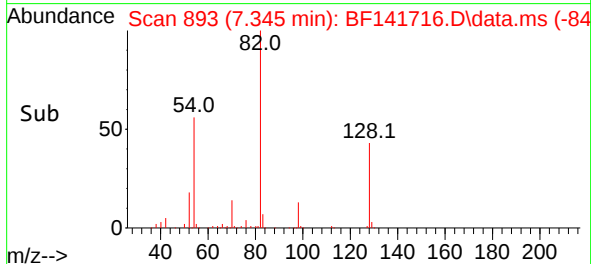
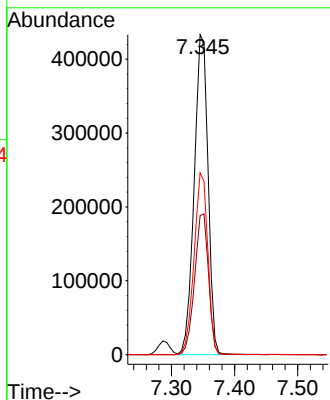
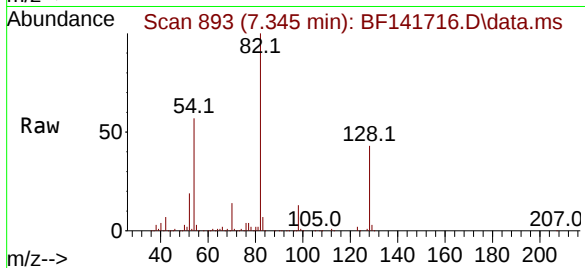
Tgt Ion: 82 Resp: 659201

Ion Ratio Lower Upper

82 100

128 43.4 34.8 52.2

54 56.8 48.2 72.4



#24

Nitrobenzene

Concen: 43.761 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

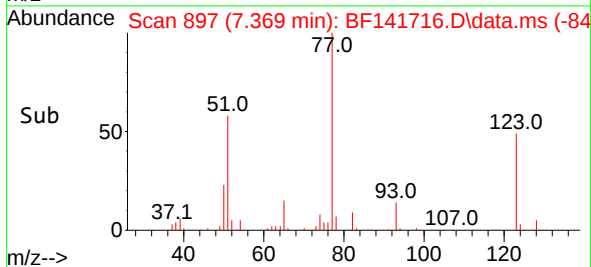
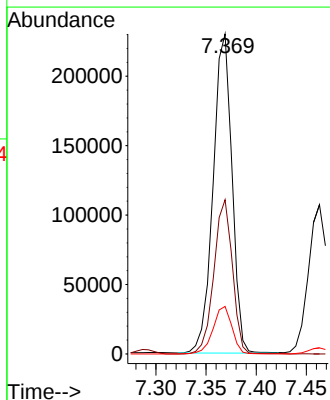
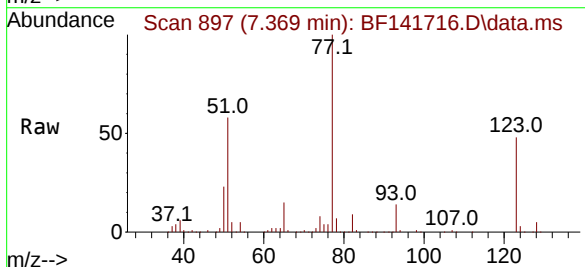
Tgt Ion: 77 Resp: 300879

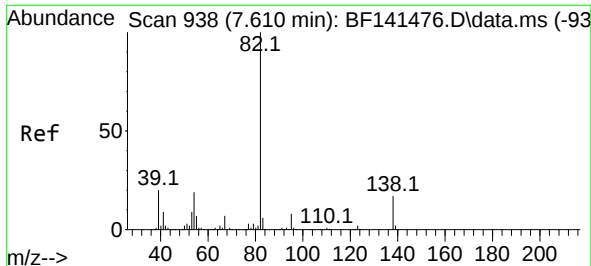
Ion Ratio Lower Upper

77 100

123 48.2 36.9 55.3

65 14.9 11.9 17.9

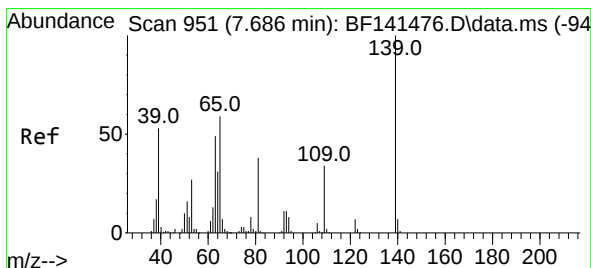
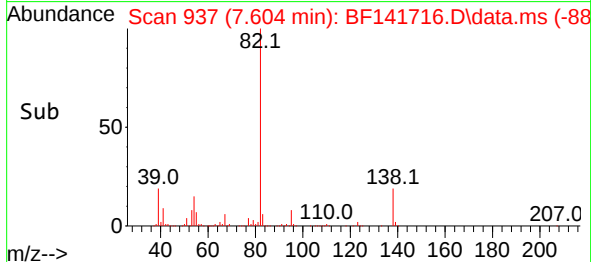
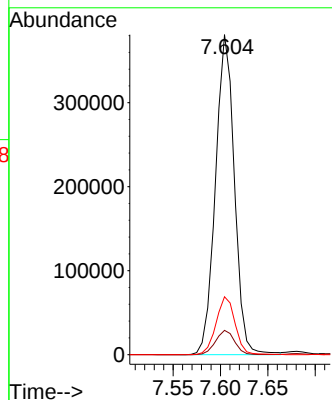
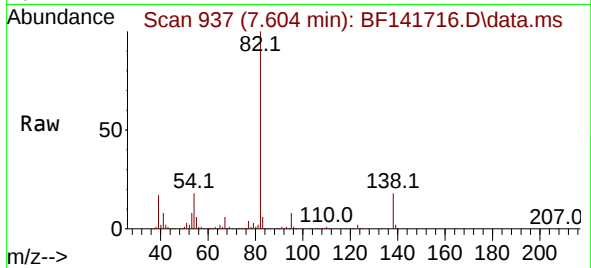




#25  
Isophorone  
Concen: 47.170 ng  
RT: 7.604 min Scan# 91  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

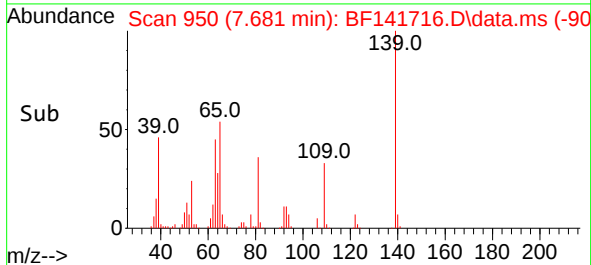
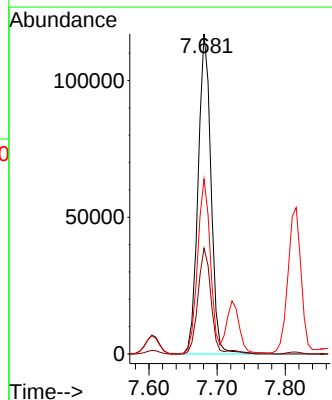
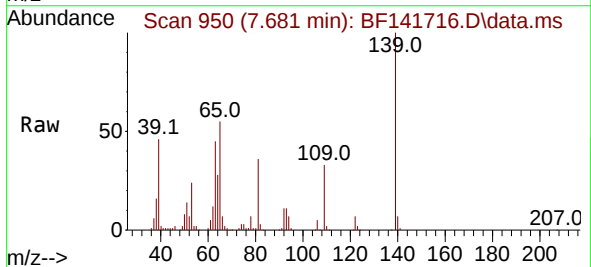
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

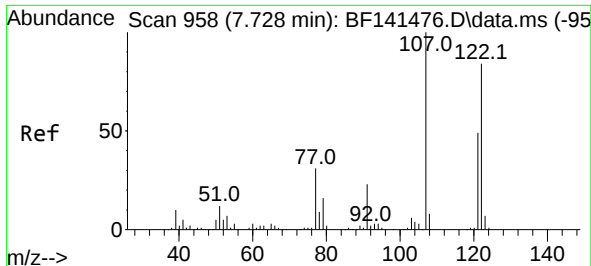
Tgt Ion: 82 Resp: 530301  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.4 9.6  
138 18.1 13.9 20.9



#26  
2-Nitrophenol  
Concen: 45.017 ng  
RT: 7.681 min Scan# 950  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:139 Resp: 153988  
Ion Ratio Lower Upper  
139 100  
109 33.0 27.0 40.6  
65 54.6 47.1 70.7

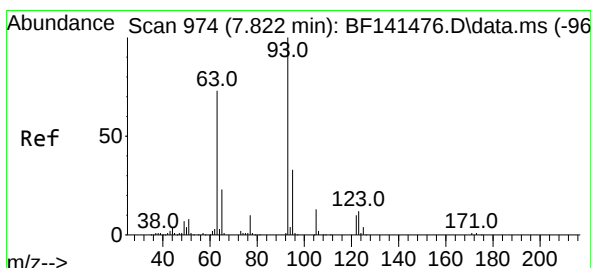
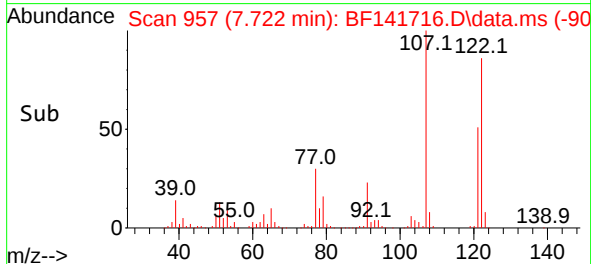
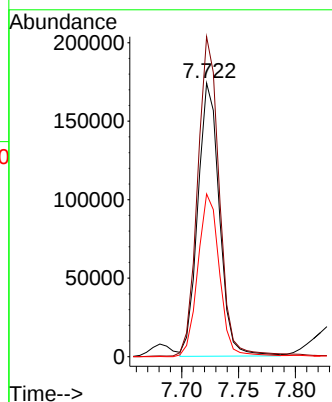
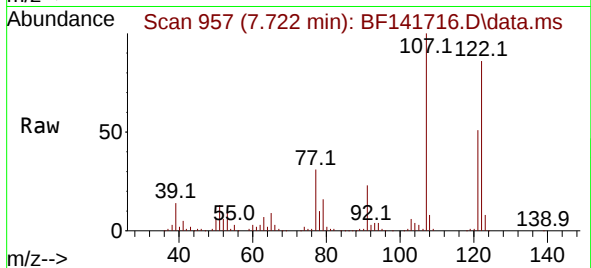




#27  
2,4-Dimethylphenol  
Concen: 57.370 ng  
RT: 7.722 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

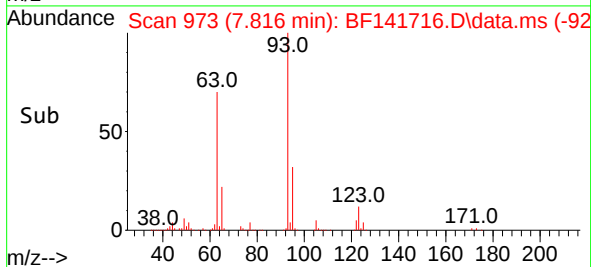
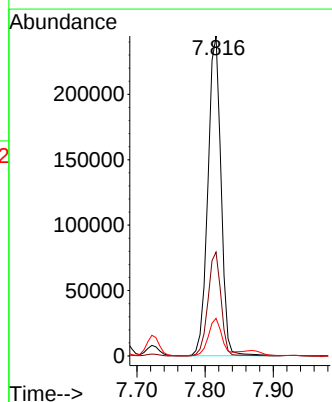
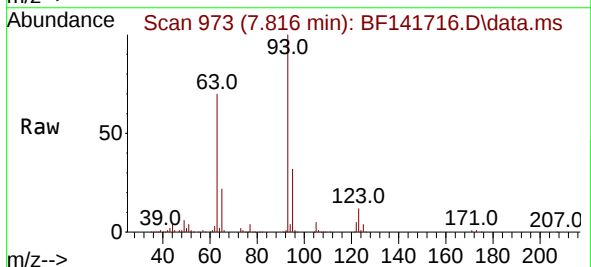
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

Tgt Ion:122 Resp: 229256  
Ion Ratio Lower Upper  
122 100  
107 116.9 94.3 141.5  
121 59.4 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.373 ng  
RT: 7.816 min Scan# 973  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion: 93 Resp: 326865  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.1 39.1  
123 11.7 9.5 14.3

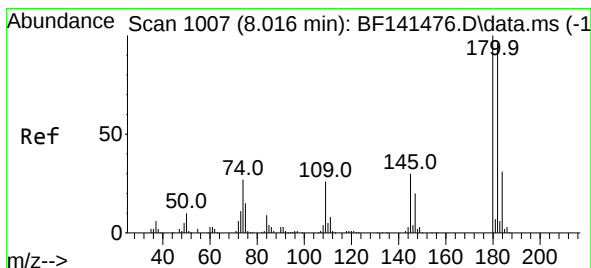
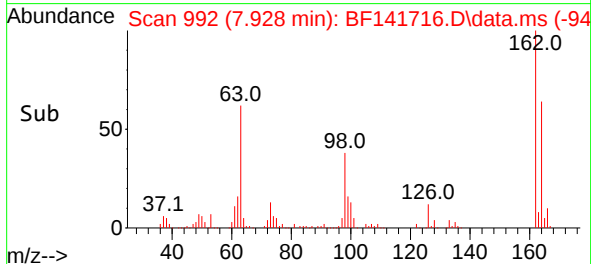
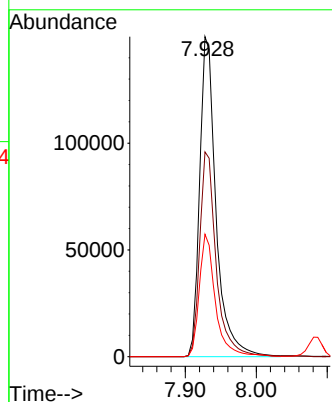
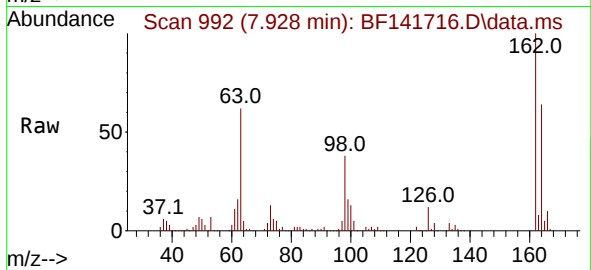




#29  
2,4-Dichlorophenol  
Concen: 44.661 ng  
RT: 7.928 min Scan# 994  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

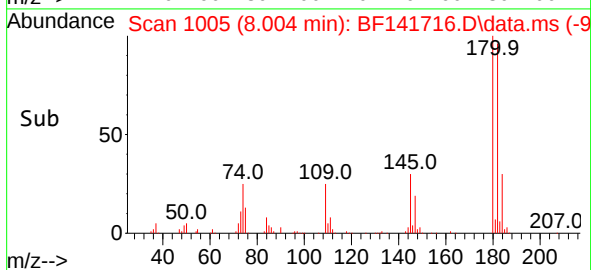
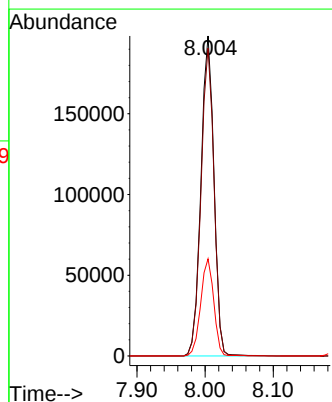
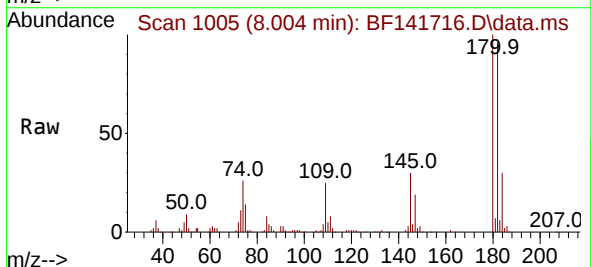
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BNA\_F  
ClientSampleId :  
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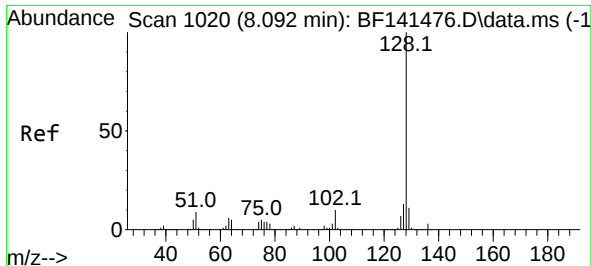
Tgt Ion:162 Resp: 241138  
Ion Ratio Lower Upper  
162 100  
164 64.0 44.6 84.6  
98 38.3 17.2 57.2



#30  
1,2,4-Trichlorobenzene  
Concen: 44.760 ng  
RT: 8.004 min Scan# 1005  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:180 Resp: 263172  
Ion Ratio Lower Upper  
180 100  
182 96.2 76.8 115.2  
145 30.4 24.2 36.4

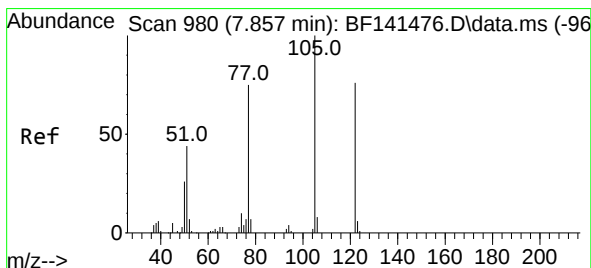
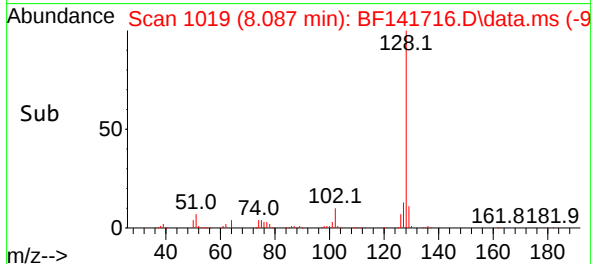
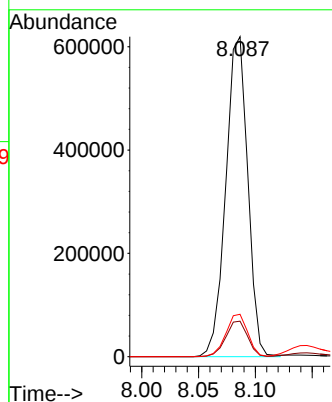
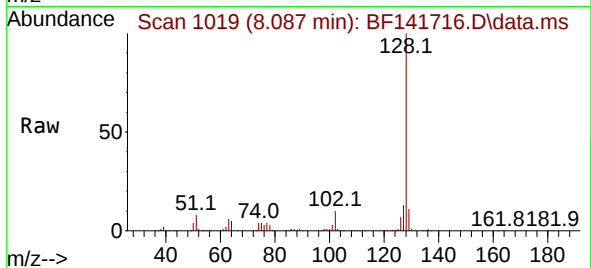




#31  
Naphthalene  
Concen: 43.470 ng  
RT: 8.087 min Scan# 1020  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

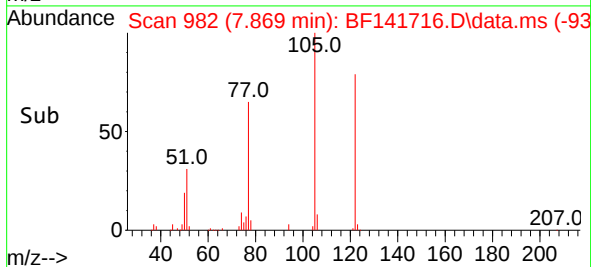
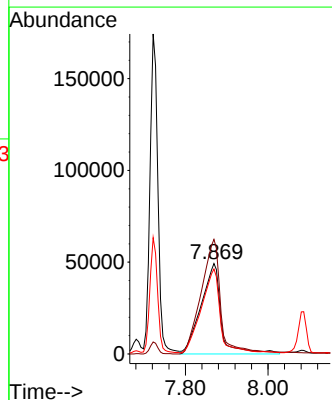
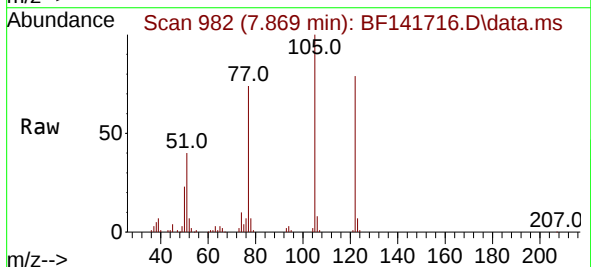
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

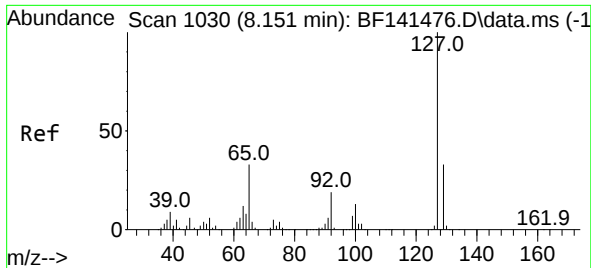
Tgt Ion:128 Resp: 832158  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 40.406 ng m  
RT: 7.869 min Scan# 982  
Delta R.T. -0.023 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:122 Resp: 167716  
Ion Ratio Lower Upper  
122 100  
105 126.9 106.5 146.5  
77 94.1 76.3 116.3

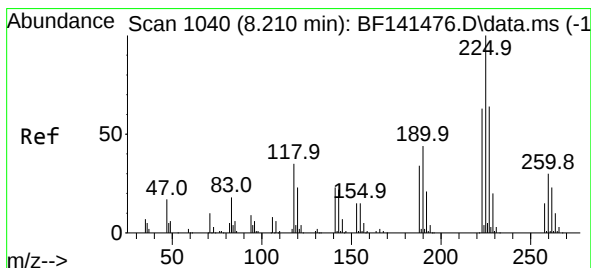
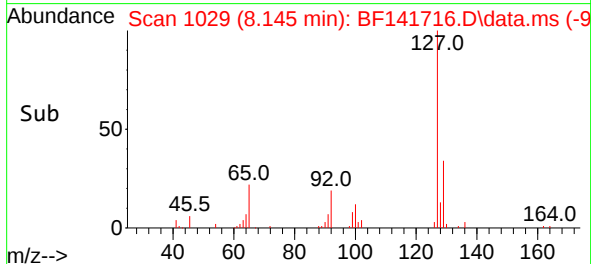
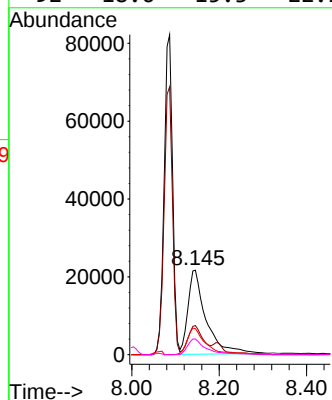
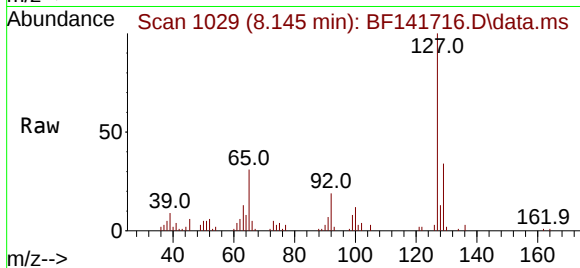




#33  
4-Chloroaniline  
Concen: 9.290 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

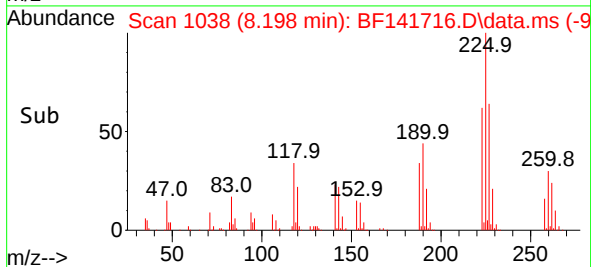
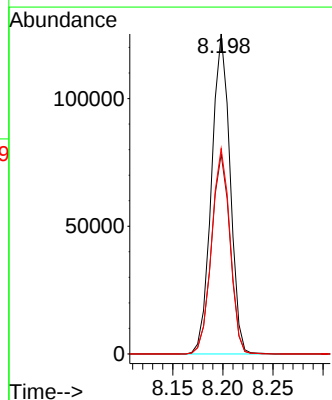
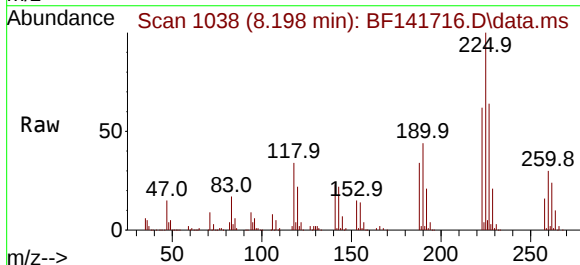
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

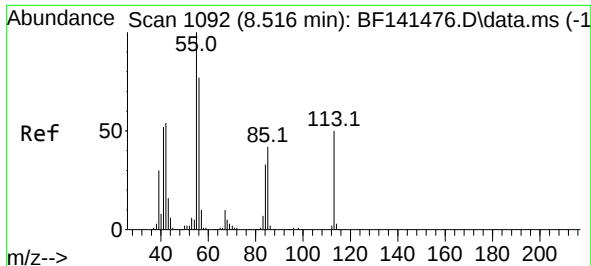
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 62094 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.5  | 26.5  | 39.7  |
| 65       | 30.8  | 26.4  | 39.6  |
| 92       | 18.6  | 15.3  | 22.9  |



#34  
Hexachlorobutadiene  
Concen: 45.616 ng  
RT: 8.198 min Scan# 1038  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 161015 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 50.1  | 75.1   |
| 227      | 64.2  | 51.0  | 76.6   |

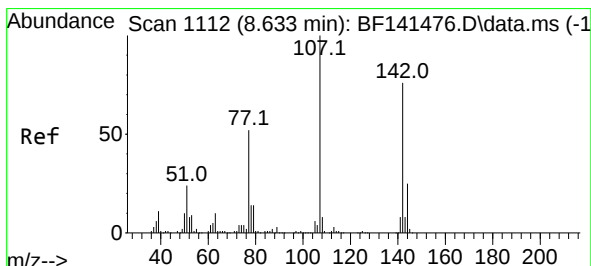
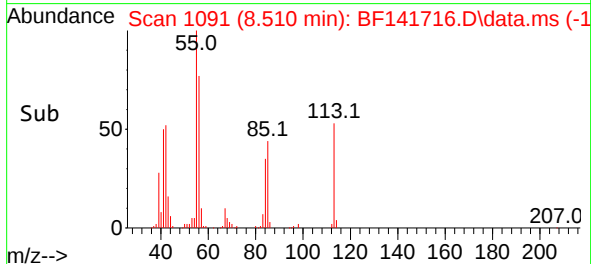
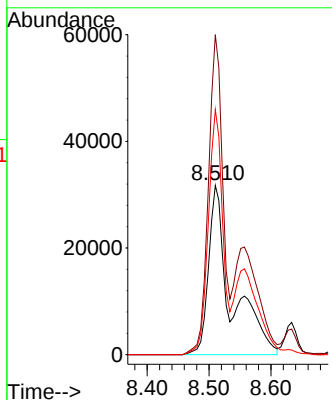
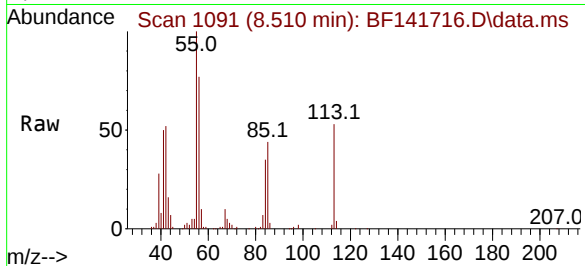




#35  
 Caprolactam  
 Concen: 49.293 ng m  
 RT: 8.510 min Scan# 1091  
 Delta R.T. -0.035 min  
 Lab File: BF141716.D  
 Acq: 21 Feb 2025 13:13

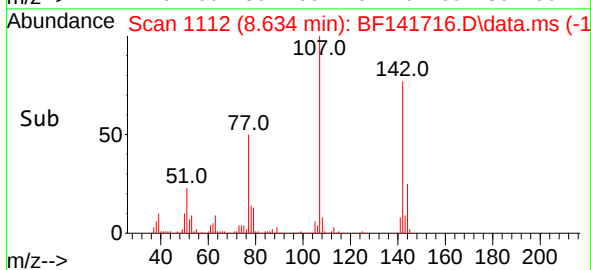
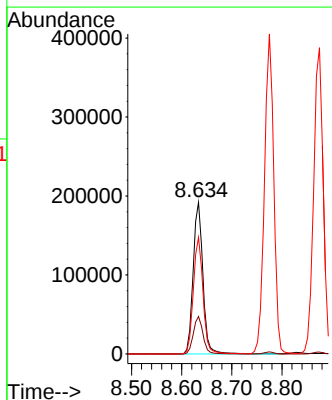
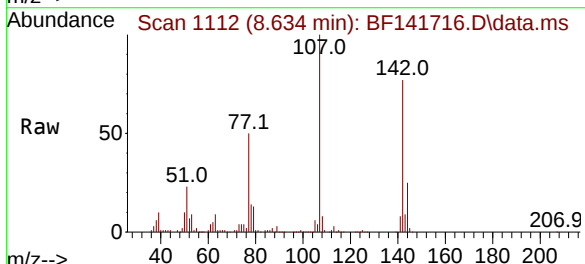
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166796BS

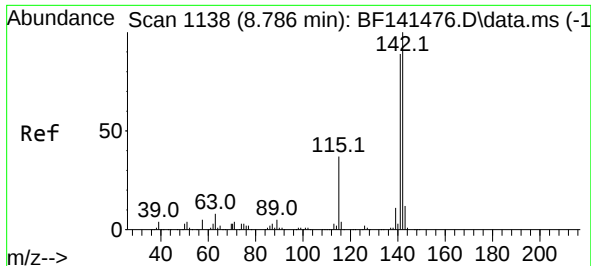
Tgt Ion:113 Resp: 81033  
 Ion Ratio Lower Upper  
 113 100  
 55 189.0 180.8 220.8  
 56 144.8 133.6 173.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.334 ng  
 RT: 8.634 min Scan# 1112  
 Delta R.T. -0.006 min  
 Lab File: BF141716.D  
 Acq: 21 Feb 2025 13:13

Tgt Ion:107 Resp: 259174  
 Ion Ratio Lower Upper  
 107 100  
 144 24.7 19.7 29.5  
 142 76.9 60.8 91.2

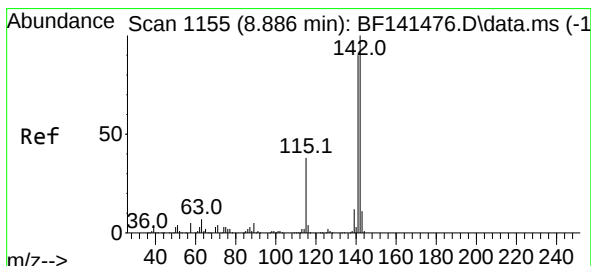
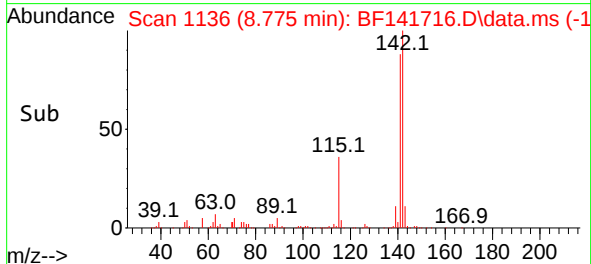
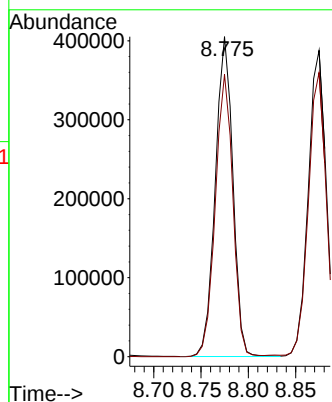
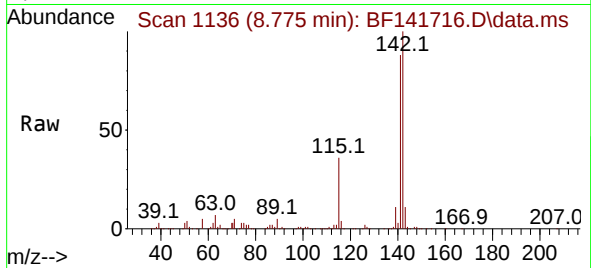




#37  
2-Methylnaphthalene  
Concen: 41.901 ng  
RT: 8.775 min Scan# 1136  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

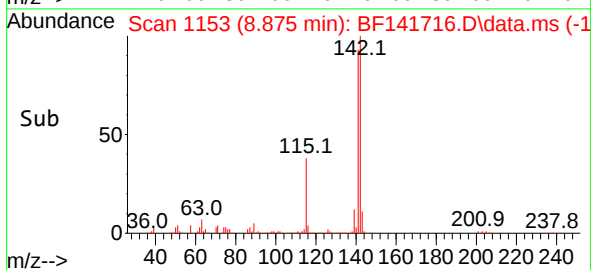
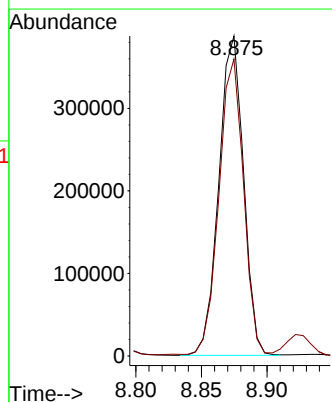
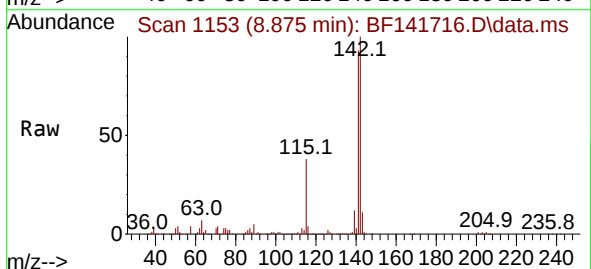
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

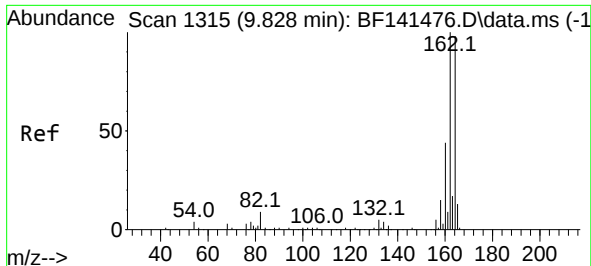
Tgt Ion:142 Resp: 521968  
Ion Ratio Lower Upper  
142 100  
141 88.2 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 41.946 ng  
RT: 8.875 min Scan# 1153  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:142 Resp: 506083  
Ion Ratio Lower Upper  
142 100  
141 92.8 72.1 108.1

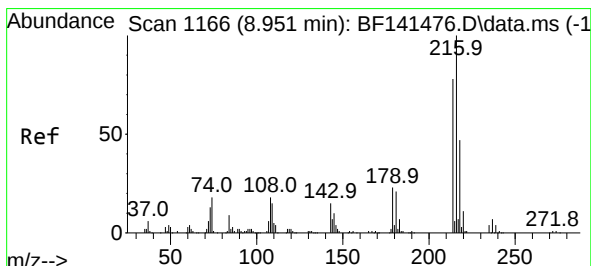
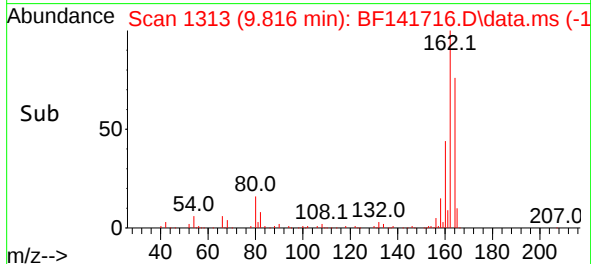
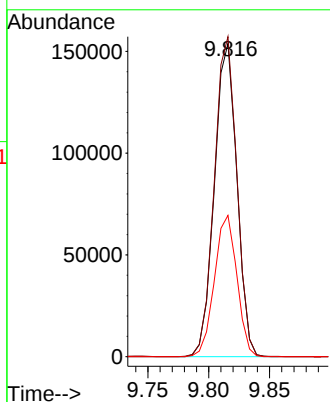
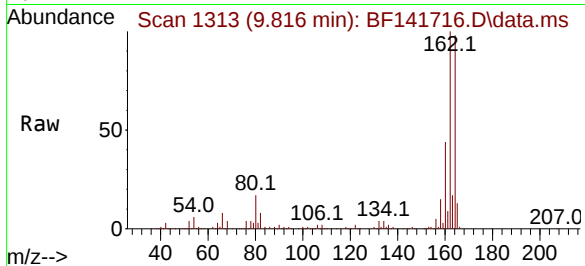




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1113  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

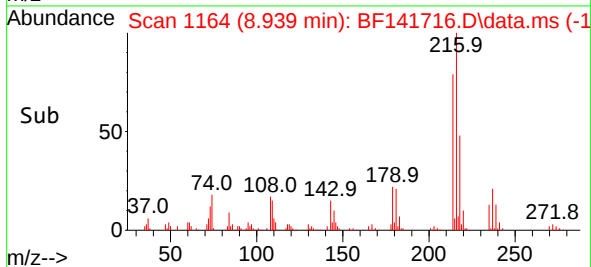
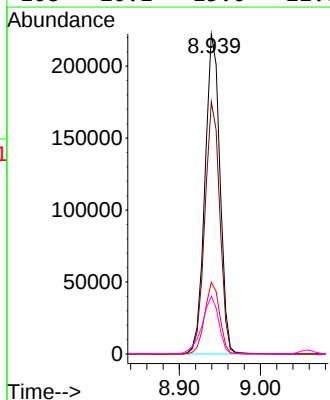
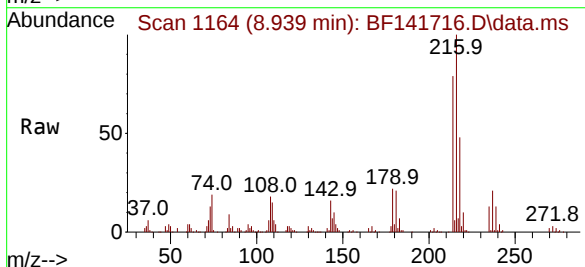
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BNA\_F  
ClientSampleId :  
PB166796BS

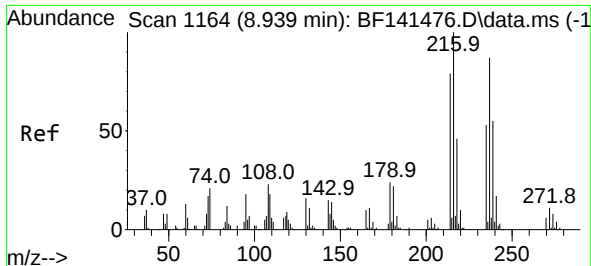
Tgt Ion:164 Resp: 197796  
Ion Ratio Lower Upper  
164 100  
162 102.2 81.3 121.9  
160 45.1 35.9 53.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.600 ng  
RT: 8.939 min Scan# 1164  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:216 Resp: 283833  
Ion Ratio Lower Upper  
216 100  
214 78.8 62.3 93.5  
179 22.3 18.0 27.0  
108 20.1 15.0 22.6

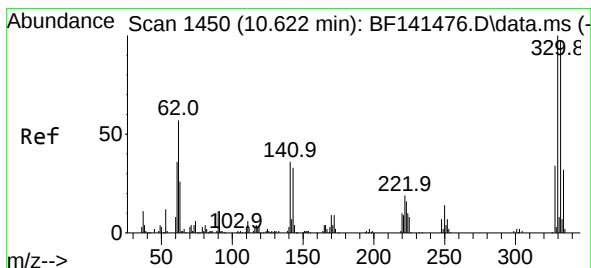
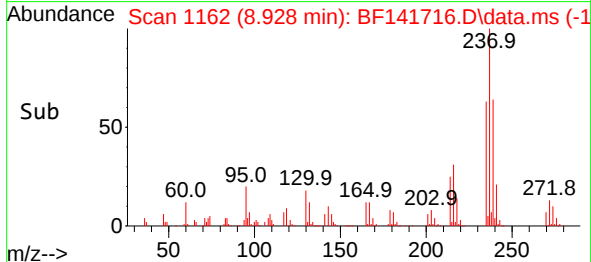
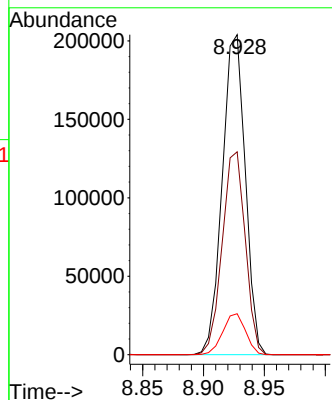
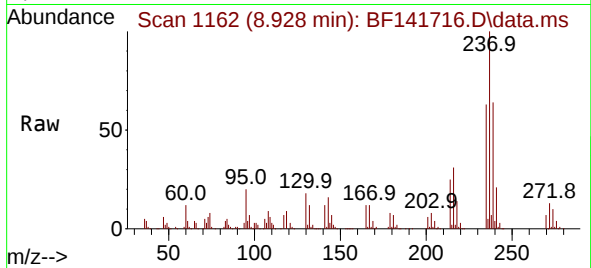




#41  
Hexachlorocyclopentadiene  
Concen: 141.012 ng  
RT: 8.928 min Scan# 1162  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

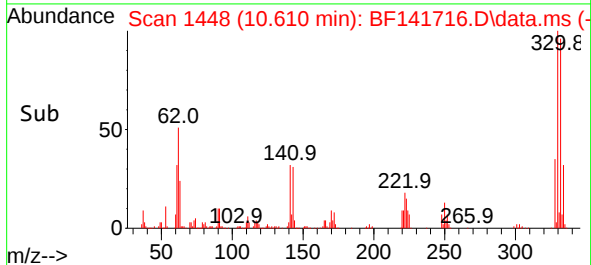
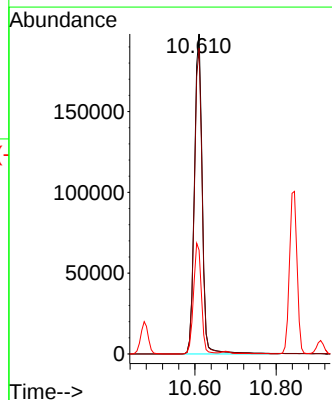
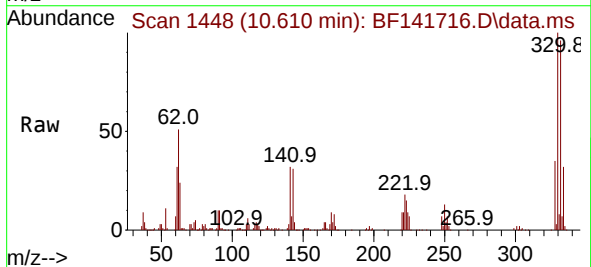
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

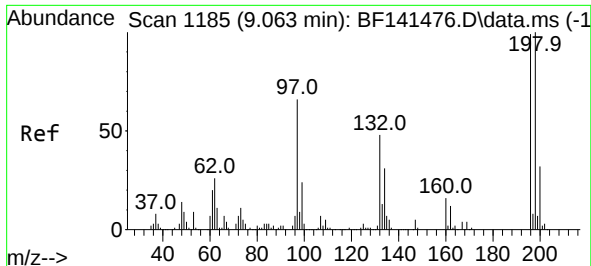
Tgt Ion:237 Resp: 268395  
Ion Ratio Lower Upper  
237 100  
235 63.4 41.4 81.4  
272 12.8 0.0 32.4



#42  
2,4,6-Tribromophenol  
Concen: 134.198 ng  
RT: 10.610 min Scan# 1448  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:330 Resp: 266645  
Ion Ratio Lower Upper  
330 100  
332 95.9 78.5 117.7  
141 34.5 31.0 46.4

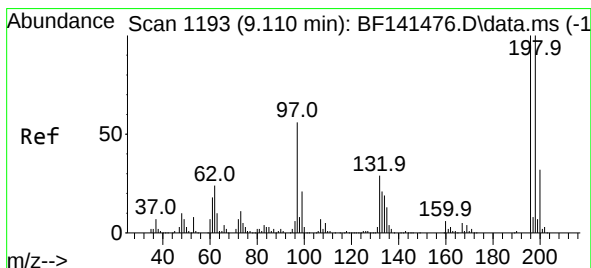
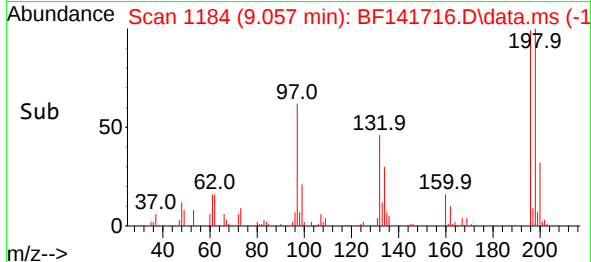
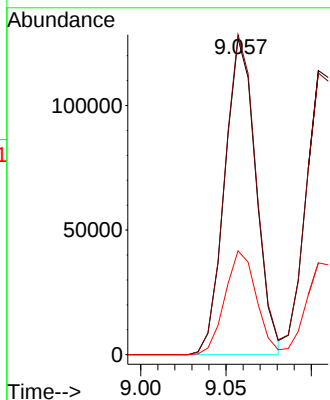
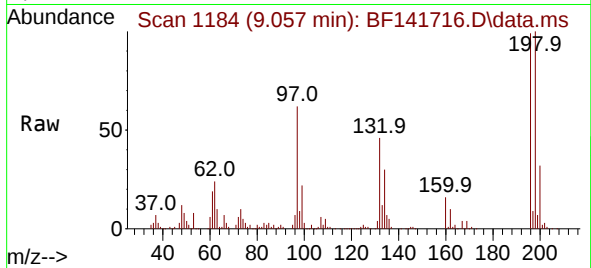




#43  
2,4,6-Trichlorophenol  
Concen: 43.635 ng  
RT: 9.057 min Scan# 1184  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

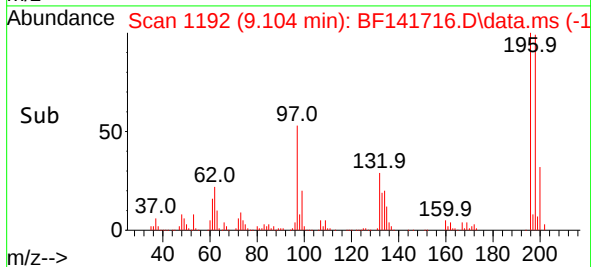
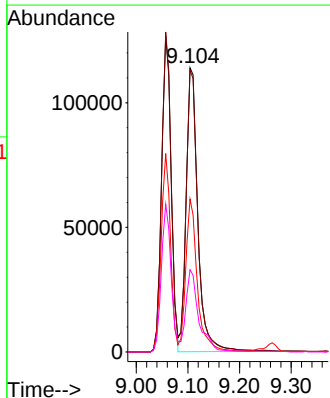
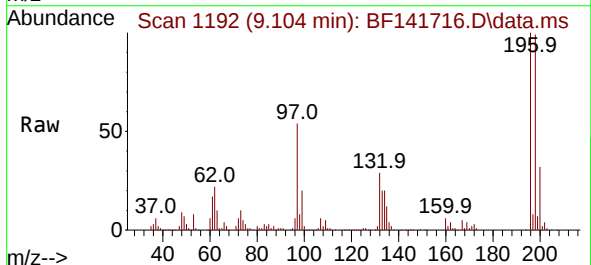
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

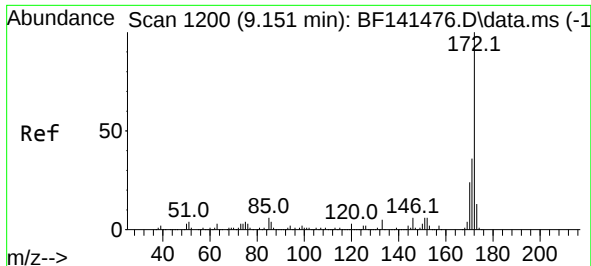
Tgt Ion:196 Resp: 161386  
Ion Ratio Lower Upper  
196 100  
198 101.2 80.6 121.0  
200 32.9 25.5 38.3



#44  
2,4,5-Trichlorophenol  
Concen: 44.859 ng  
RT: 9.104 min Scan# 1192  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:196 Resp: 179810  
Ion Ratio Lower Upper  
196 100  
198 99.1 79.8 119.8  
97 53.8 44.8 67.2  
132 29.0 23.9 35.9

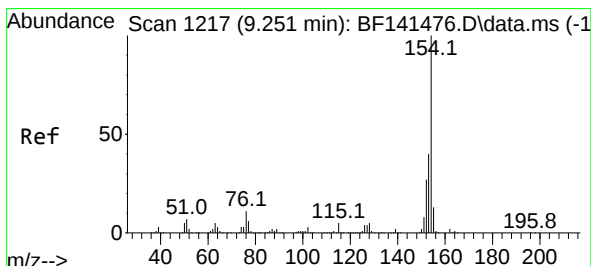
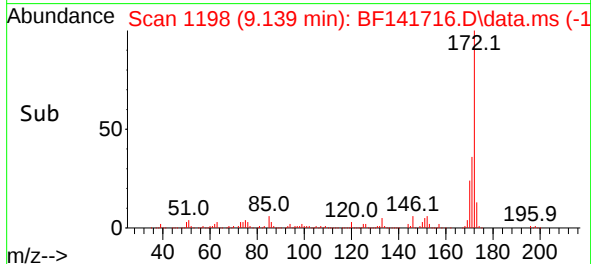
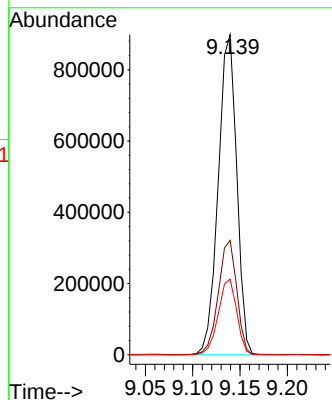
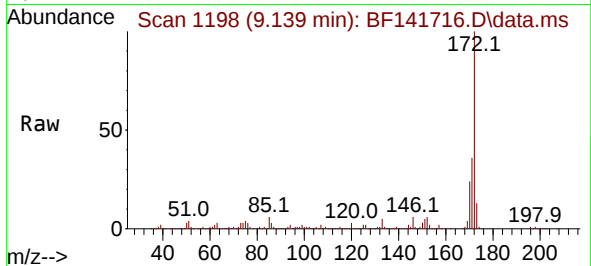




#45  
2-Fluorobiphenyl  
Concen: 95.252 ng  
RT: 9.139 min Scan# 1118  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

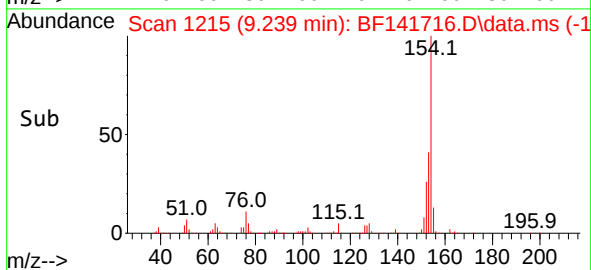
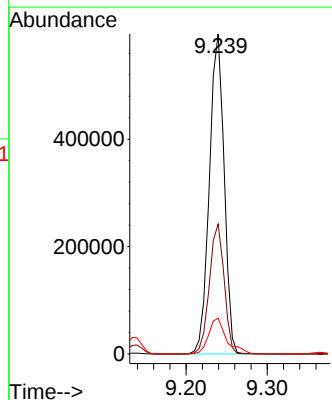
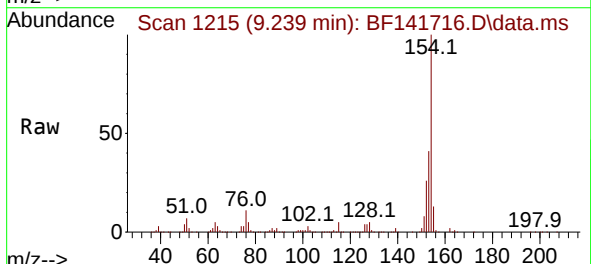
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

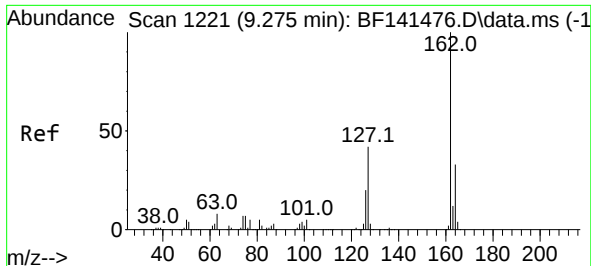
Tgt Ion:172 Resp: 1222896  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.7 43.1  
170 23.6 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 49.028 ng  
RT: 9.239 min Scan# 1215  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:154 Resp: 751828  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.4 60.4  
76 11.2 0.0 30.8

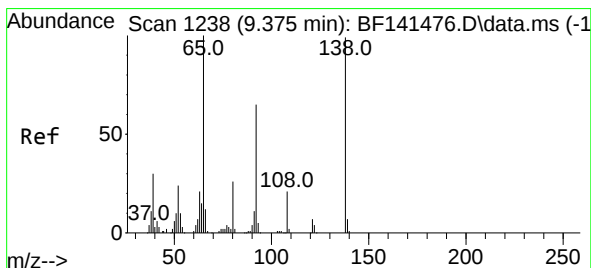
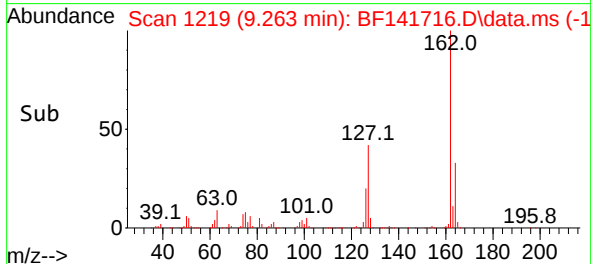
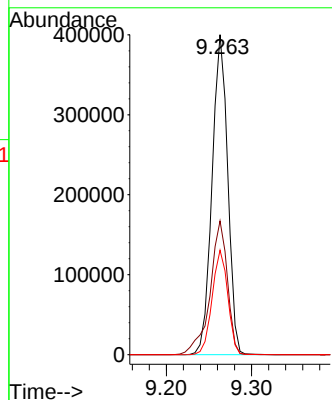
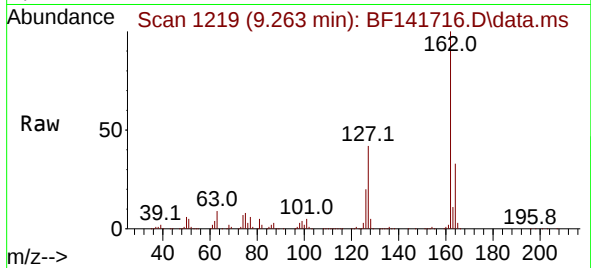




#47  
2-Chloronaphthalene  
Concen: 45.022 ng  
RT: 9.263 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

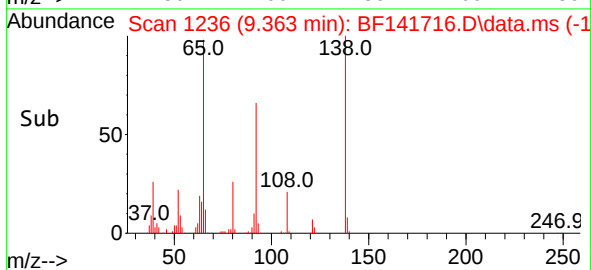
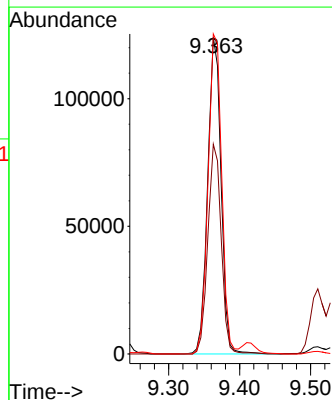
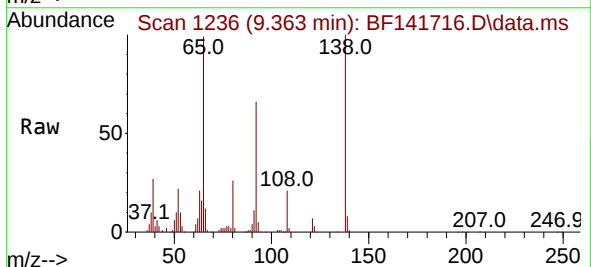
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

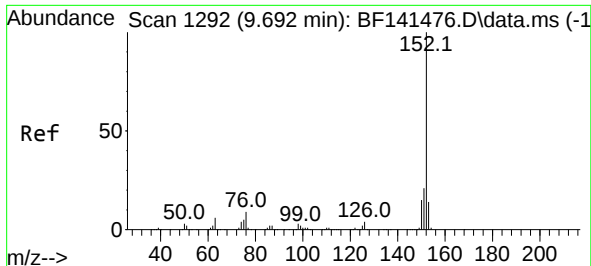
Tgt Ion:162 Resp: 510527  
Ion Ratio Lower Upper  
162 100  
127 41.8 34.1 51.1  
164 32.6 26.3 39.5



#48  
2-Nitroaniline  
Concen: 42.823 ng  
RT: 9.363 min Scan# 1236  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion: 65 Resp: 162968  
Ion Ratio Lower Upper  
65 100  
92 66.3 52.2 78.2  
138 101.1 79.5 119.3

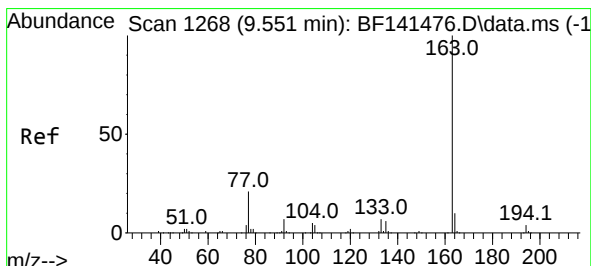
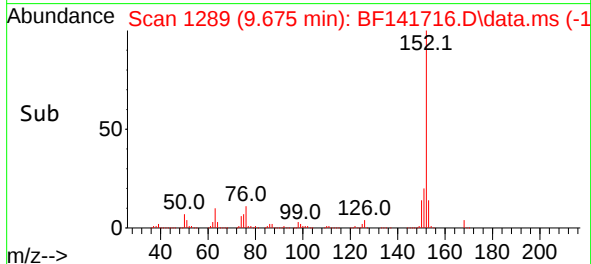
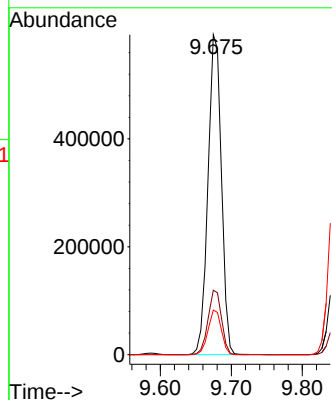
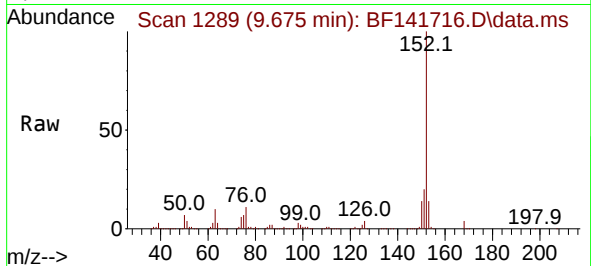




#49  
Acenaphthylene  
Concen: 46.303 ng  
RT: 9.675 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

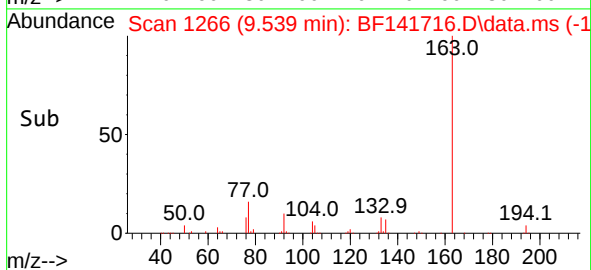
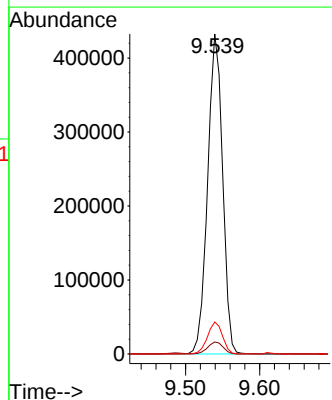
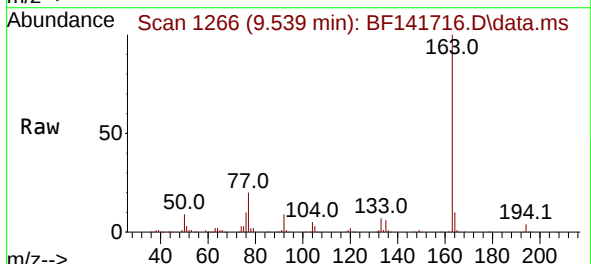
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

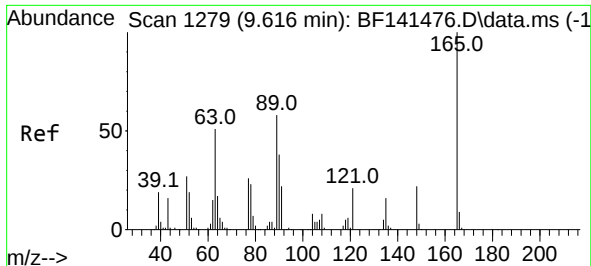
Tgt Ion:152 Resp: 780969  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.4 24.6  
153 13.9 10.9 16.3



#50  
Dimethylphthalate  
Concen: 45.167 ng  
RT: 9.539 min Scan# 1266  
Delta R.T. -0.023 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:163 Resp: 606500  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.4  
164 10.0 7.9 11.9

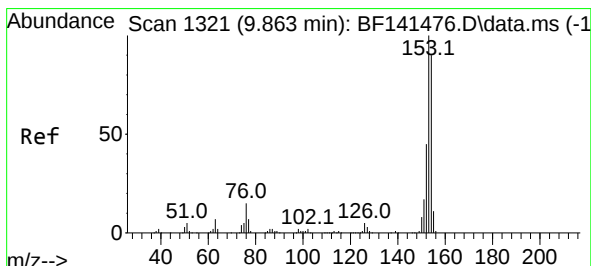
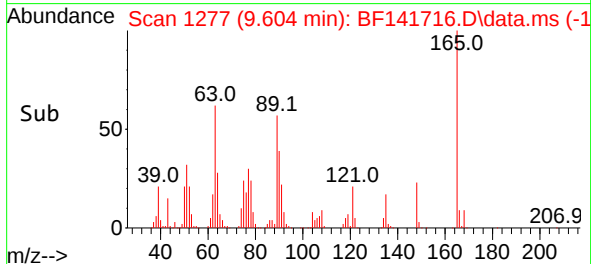
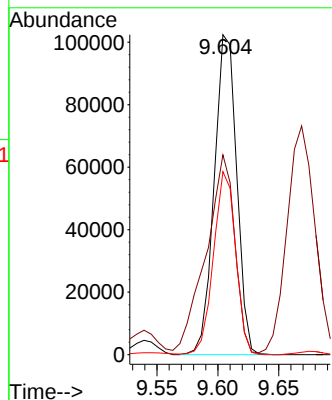
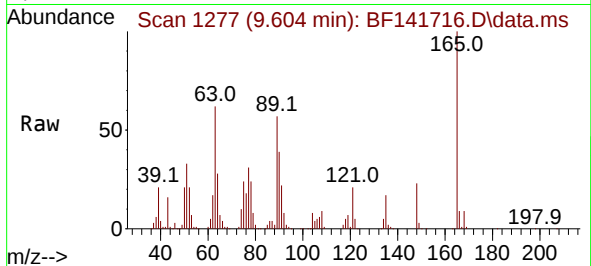




#51  
2,6-Dinitrotoluene  
Concen: 44.819 ng  
RT: 9.604 min Scan# 1319  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

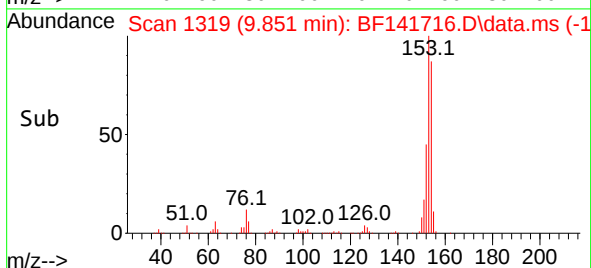
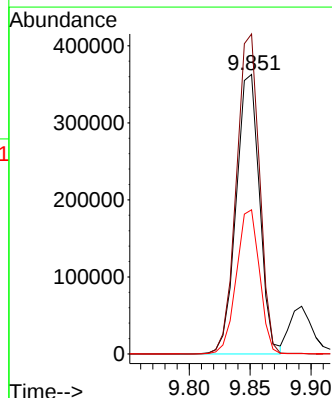
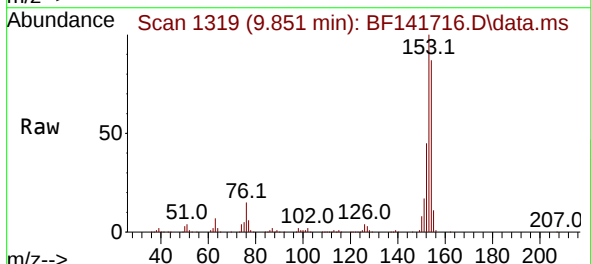
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

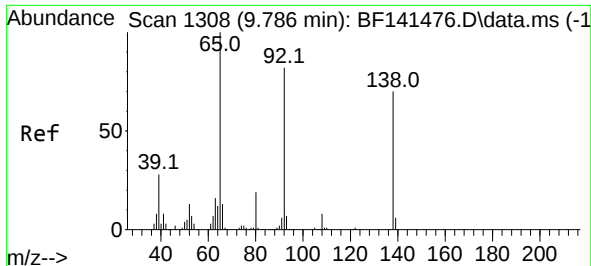
Tgt Ion:165 Resp: 131564  
Ion Ratio Lower Upper  
165 100  
63 62.5 49.4 74.0  
89 57.2 46.5 69.7



#52  
Acenaphthene  
Concen: 42.781 ng  
RT: 9.851 min Scan# 1319  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:154 Resp: 485095  
Ion Ratio Lower Upper  
154 100  
153 114.5 89.2 133.8  
152 51.6 39.8 59.8

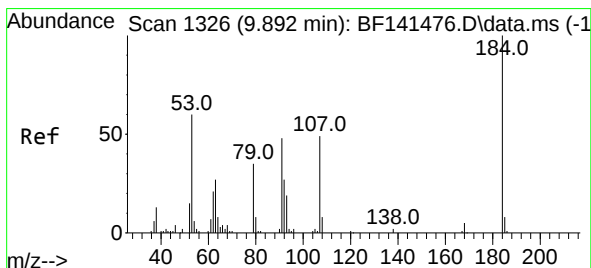
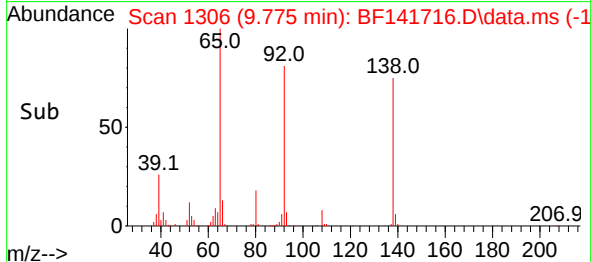
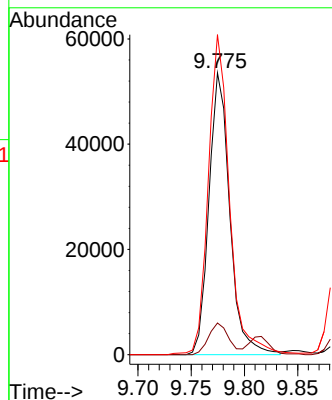
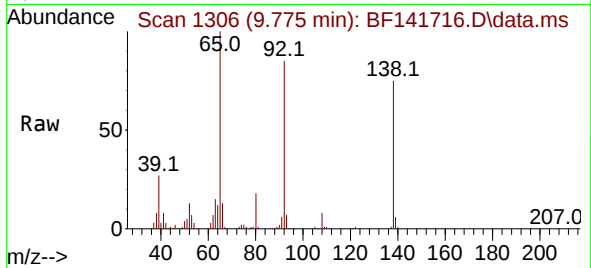




#53  
3-Nitroaniline  
Concen: 23.078 ng  
RT: 9.775 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

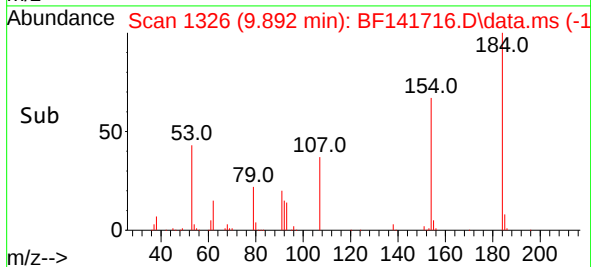
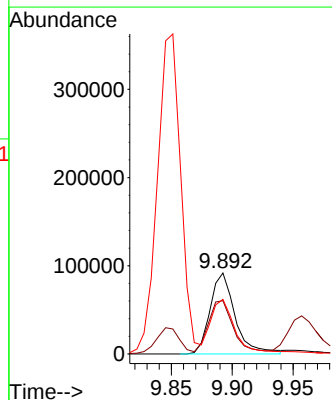
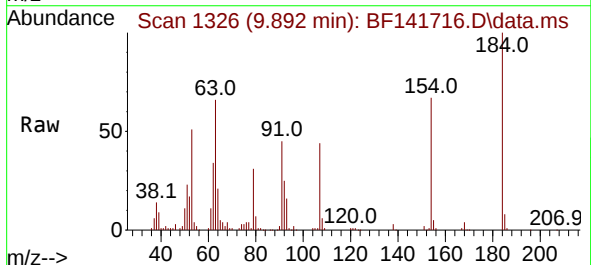
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ClientSampleId :  
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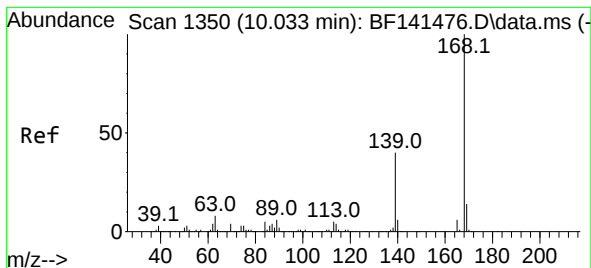
Tgt Ion:138 Resp: 72914  
Ion Ratio Lower Upper  
138 100  
108 11.2 9.0 13.4  
92 113.5 93.7 140.5



#54  
2,4-Dinitrophenol  
Concen: 75.053 ng  
RT: 9.892 min Scan# 1326  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:184 Resp: 130938  
Ion Ratio Lower Upper  
184 100  
63 65.7 61.0 91.6  
154 67.3 59.9 89.9

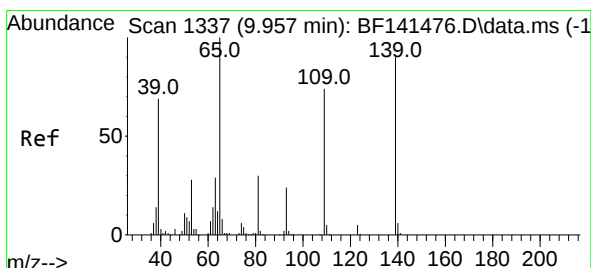
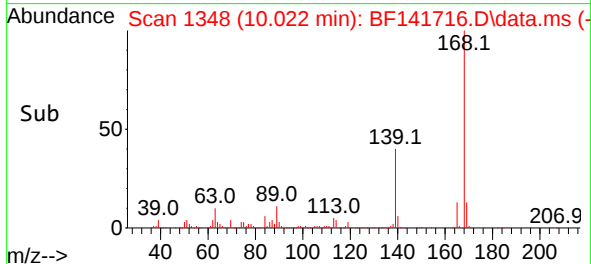
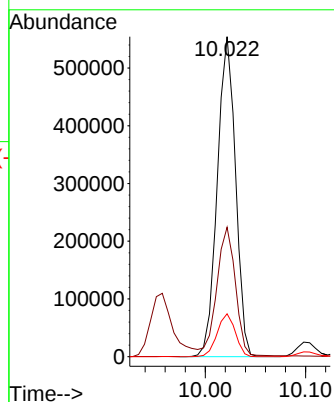
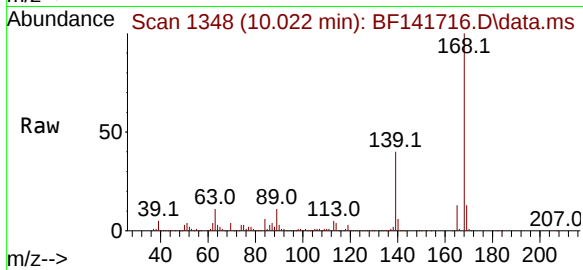




#55  
Dibenzenofuran  
Concen: 42.087 ng  
RT: 10.022 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

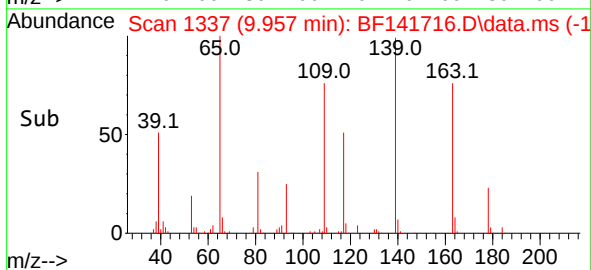
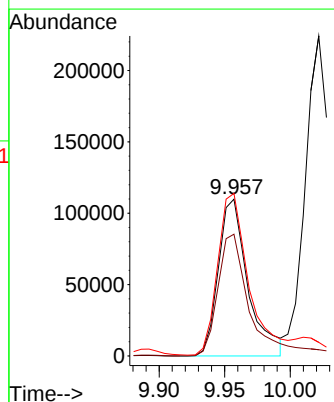
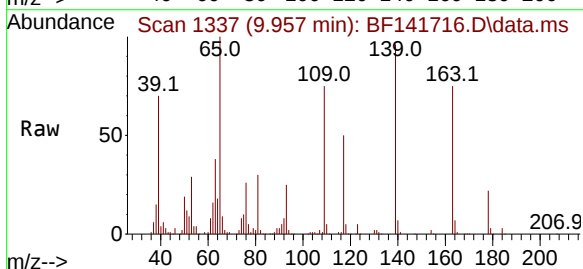
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

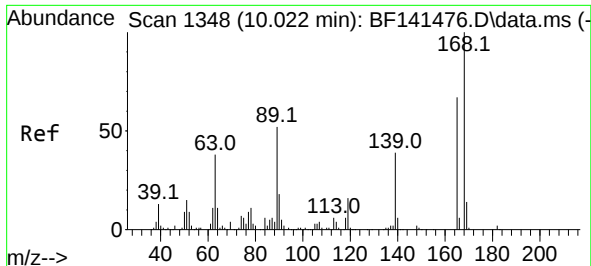
Tgt Ion:168 Resp: 700474  
Ion Ratio Lower Upper  
168 100  
139 40.4 32.7 49.1  
169 13.4 10.8 16.2



#56  
4-Nitrophenol  
Concen: 73.488 ng  
RT: 9.957 min Scan# 1337  
Delta R.T. -0.012 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:139 Resp: 172354  
Ion Ratio Lower Upper  
139 100  
109 77.7 62.0 102.0  
65 103.7 91.2 131.2

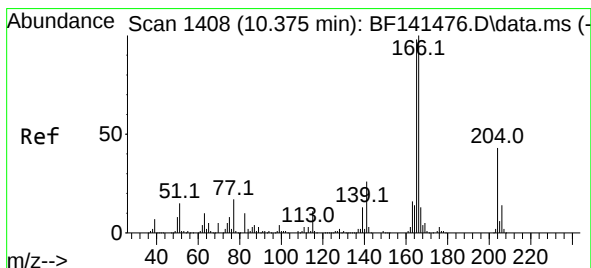
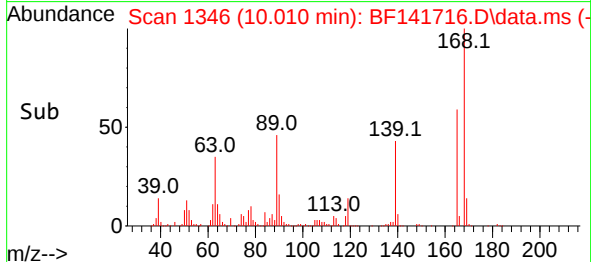
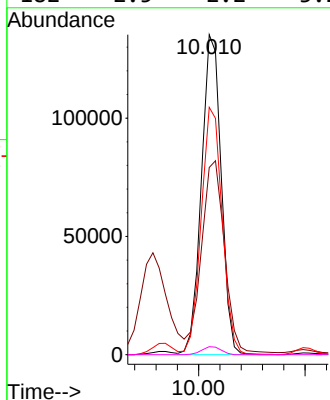
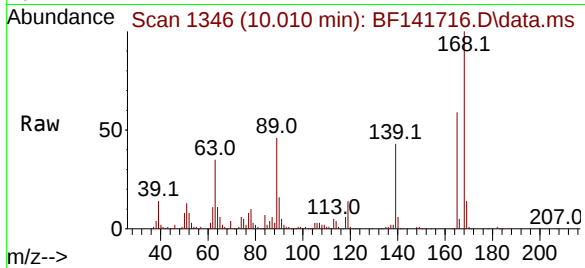




#57  
2,4-Dinitrotoluene  
Concen: 44.764 ng  
RT: 10.010 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

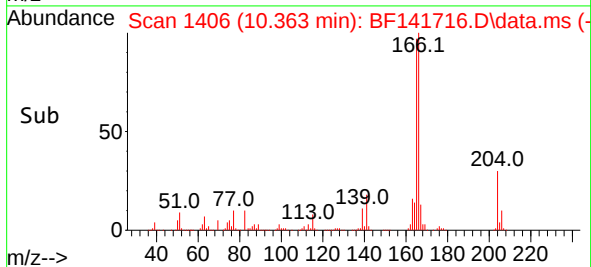
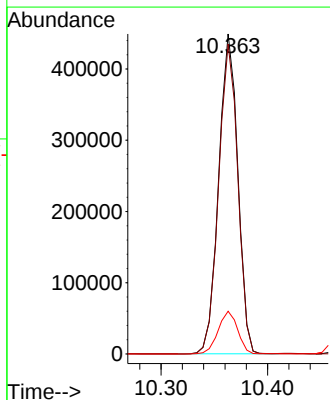
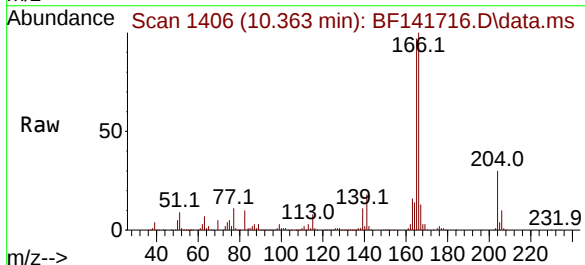
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

Tgt Ion:165 Resp: 174926  
Ion Ratio Lower Upper  
165 100  
63 58.5 46.4 69.6  
89 77.3 61.8 92.6  
182 2.5 2.2 3.2



#58  
Fluorene  
Concen: 43.454 ng  
RT: 10.363 min Scan# 1406  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

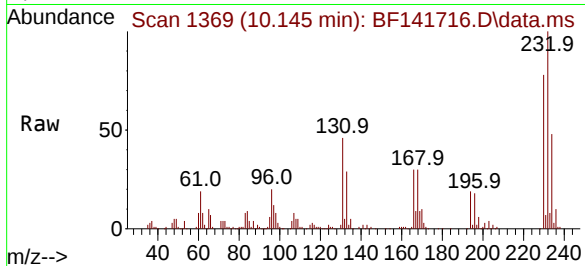
Tgt Ion:166 Resp: 559205  
Ion Ratio Lower Upper  
166 100  
165 96.9 78.2 117.2  
167 13.3 10.7 16.1



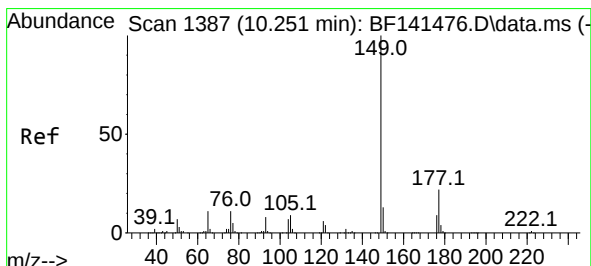
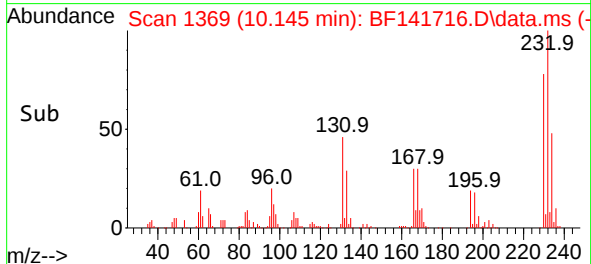
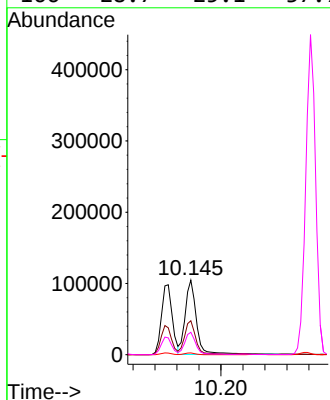


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.844 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

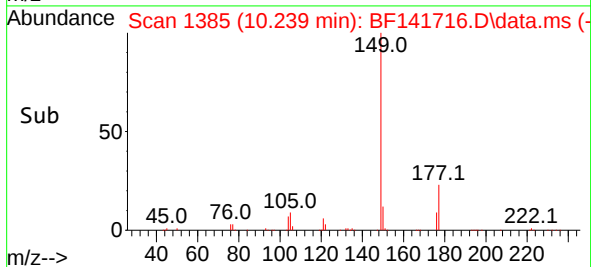
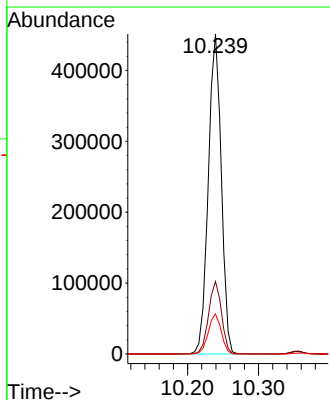
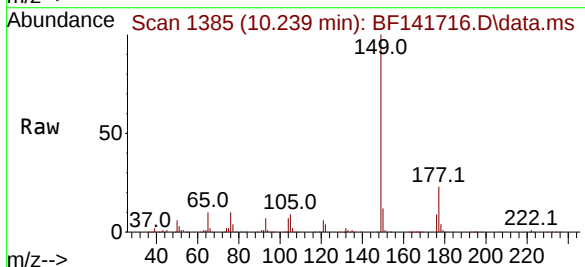


Tgt Ion:232 Resp: 147851  
Ion Ratio Lower Upper  
232 100  
131 45.2 39.2 58.8  
130 2.2 2.1 3.1  
166 28.7 25.1 37.7



#60  
Diethylphthalate  
Concen: 43.369 ng  
RT: 10.239 min Scan# 1385  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:149 Resp: 572964  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.8 26.6  
150 12.5 10.1 15.1

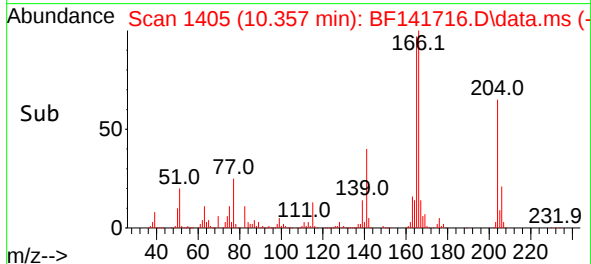
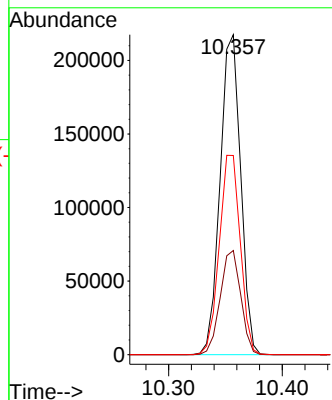
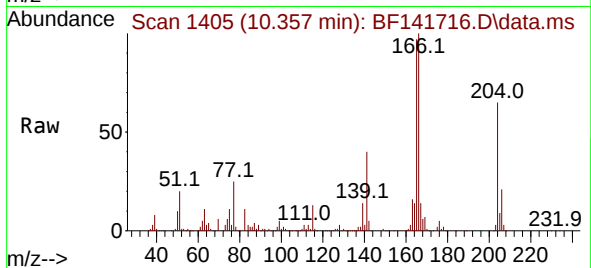




#61  
4-Chlorophenyl-phenylether  
Concen: 44.233 ng  
RT: 10.357 min Scan# 1405  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

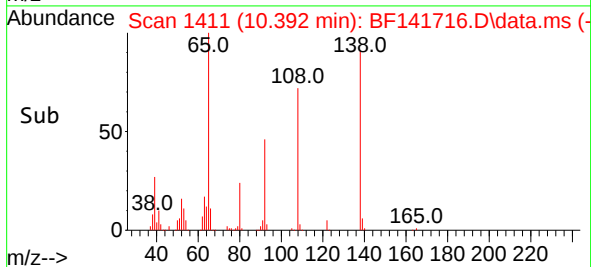
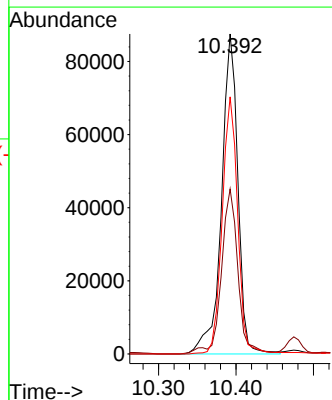
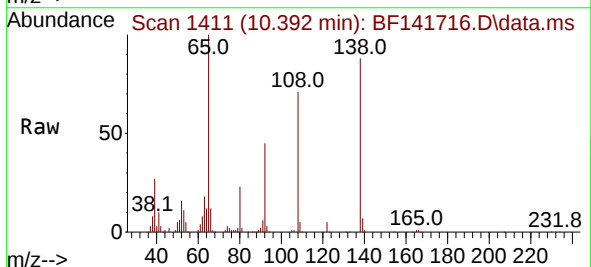
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

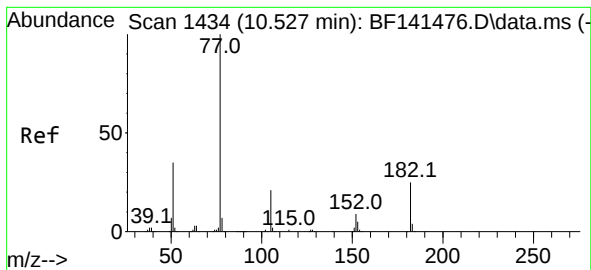
Tgt Ion:204 Resp: 273847  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 40.0  
141 62.3 51.9 77.9



#62  
4-Nitroaniline  
Concen: 40.073 ng  
RT: 10.392 min Scan# 1411  
Delta R.T. -0.023 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:138 Resp: 128559  
Ion Ratio Lower Upper  
138 100  
92 51.6 31.3 71.3  
108 80.3 63.7 103.7

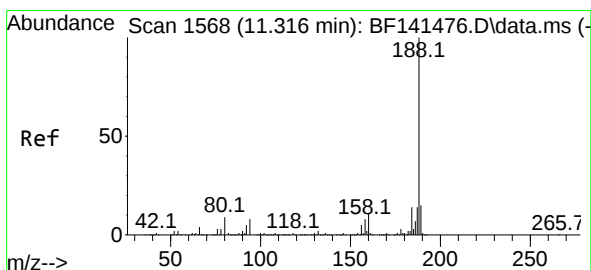
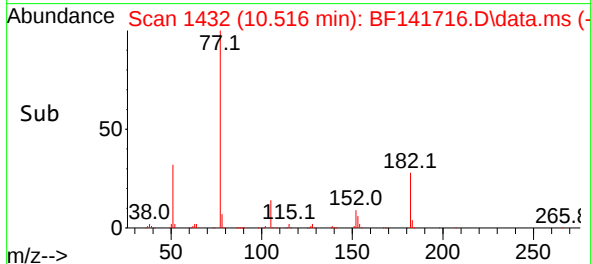
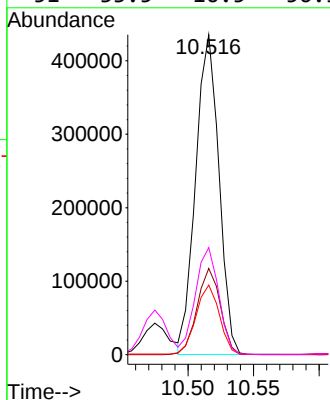
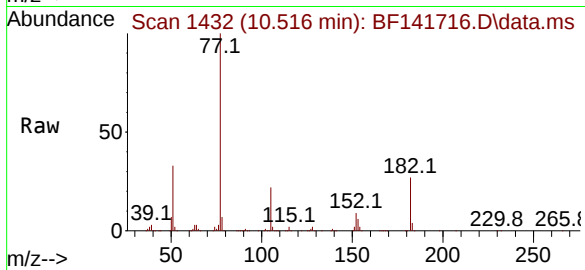




#63  
Azobenzene  
Concen: 40.928 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

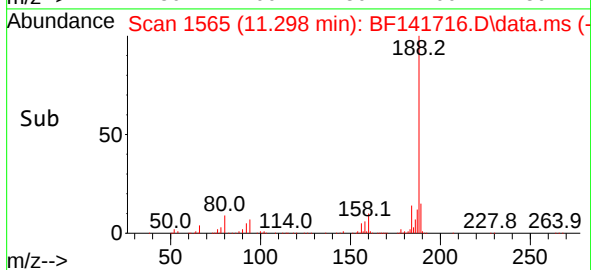
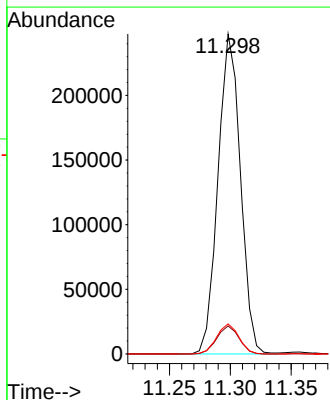
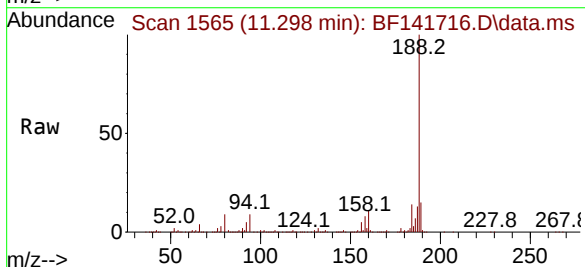
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 537548 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 26.9    | 4.7 44.7     |
| 105 21.7    | 0.4 40.4     |
| 51 33.5     | 16.5 56.5    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.298 min Scan# 1565  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 317365 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.7      | 6.6 10.0     |
| 80 9.4      | 7.3 10.9     |

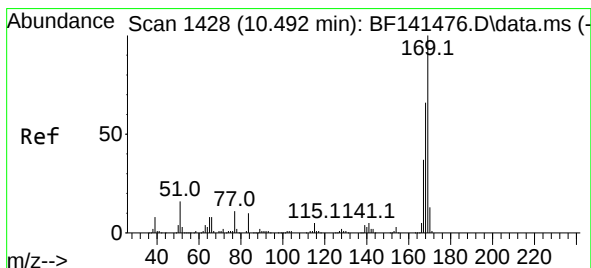
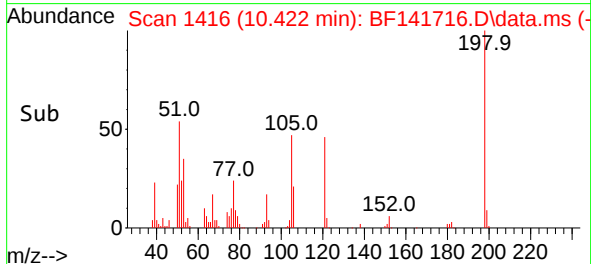
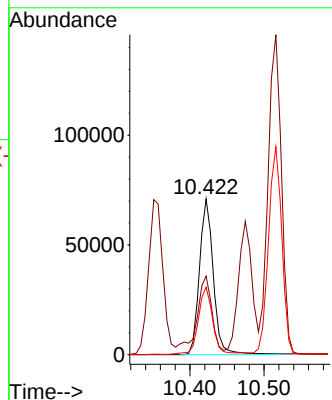
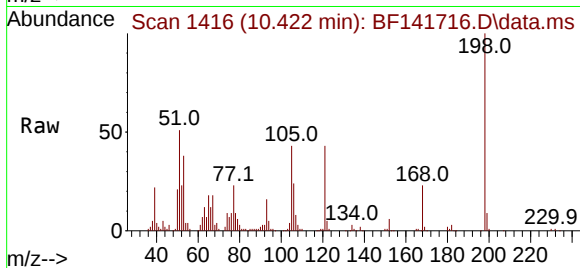




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.068 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

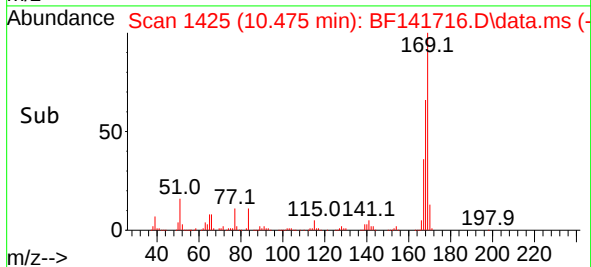
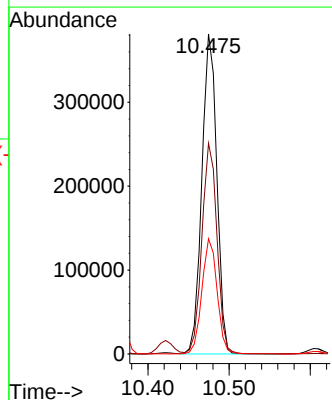
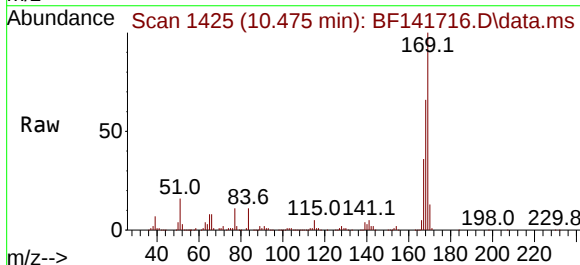
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

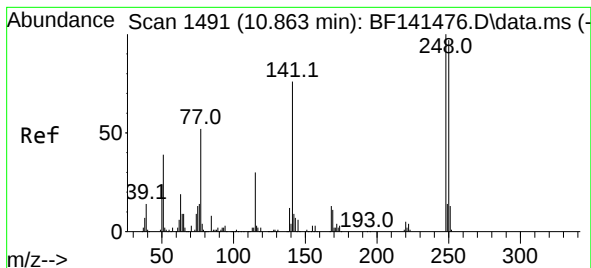
Tgt Ion:198 Resp: 92742  
Ion Ratio Lower Upper  
198 100  
51 50.5 37.4 77.4  
105 43.4 25.2 65.2



#66  
n-Nitrosodiphenylamine  
Concen: 48.013 ng  
RT: 10.475 min Scan# 1425  
Delta R.T. -0.023 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:169 Resp: 487775  
Ion Ratio Lower Upper  
169 100  
168 65.9 53.3 79.9  
167 36.0 29.4 44.2

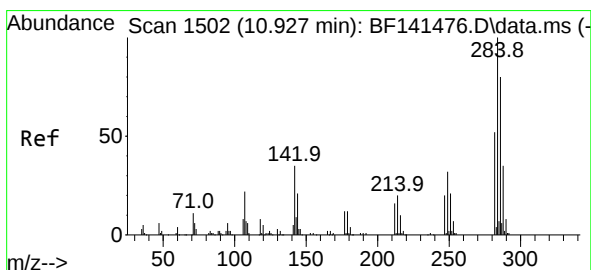
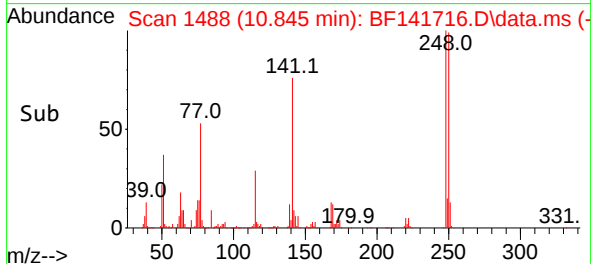
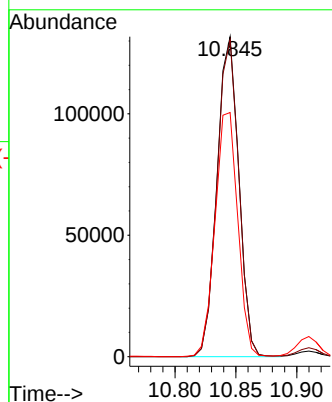
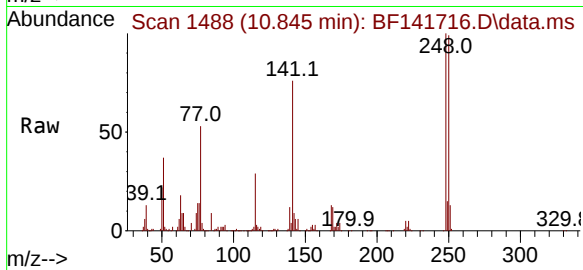




#67  
4-Bromophenyl-phenylether  
Concen: 46.434 ng  
RT: 10.845 min Scan# 1488  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

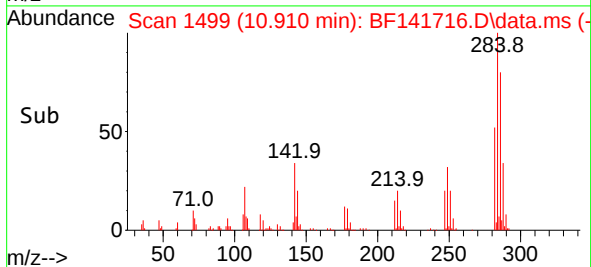
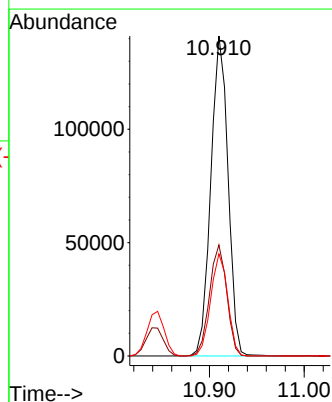
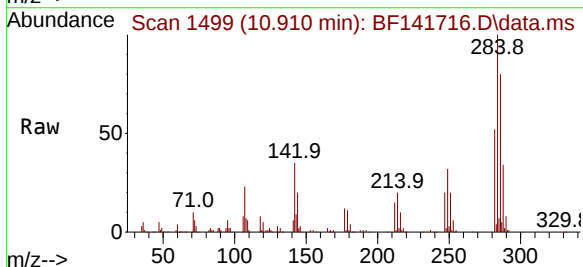
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

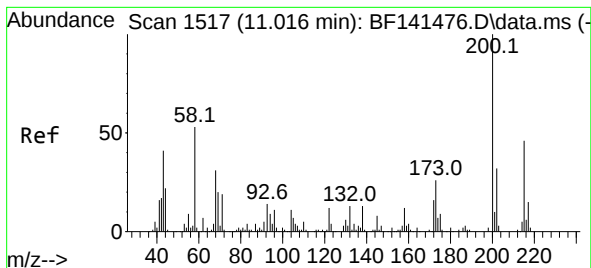
Tgt Ion:248 Resp: 164701  
Ion Ratio Lower Upper  
248 100  
250 99.0 77.8 116.6  
141 76.3 60.6 90.8



#68  
Hexachlorobenzene  
Concen: 48.605 ng  
RT: 10.910 min Scan# 1499  
Delta R.T. -0.017 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:284 Resp: 177525  
Ion Ratio Lower Upper  
284 100  
142 34.7 28.0 42.0  
249 31.9 25.8 38.8





#69

Atrazine

Concen: 59.509 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA\_F

ClientSampleId :

PB166796BS

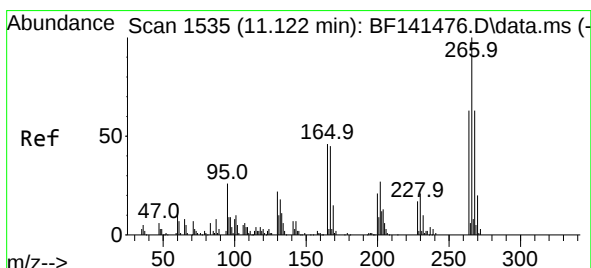
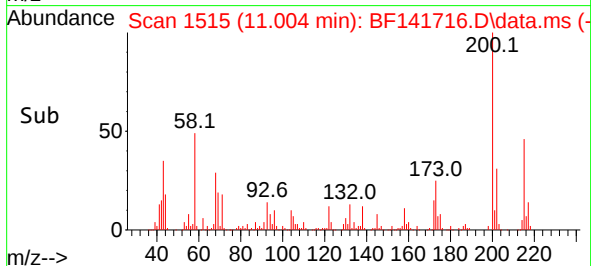
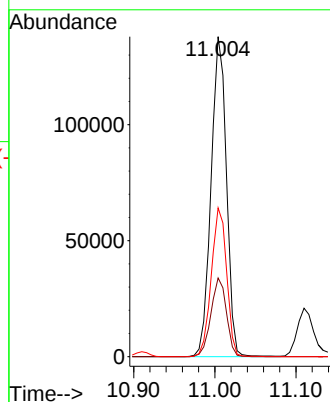
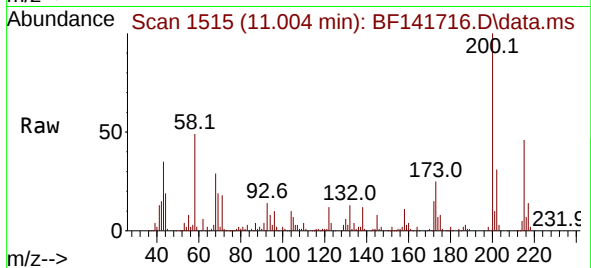
Tgt Ion:200 Resp: 181370

Ion Ratio Lower Upper

200 100

173 24.6 5.9 45.9

215 46.5 25.9 65.9



#70

Pentachlorophenol

Concen: 69.526 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

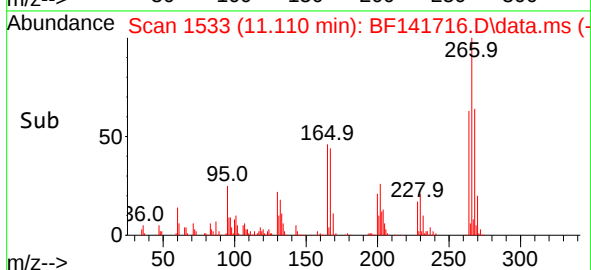
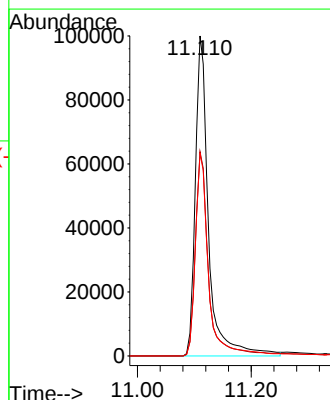
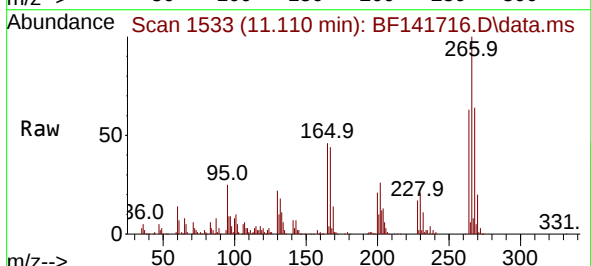
Tgt Ion:266 Resp: 162372

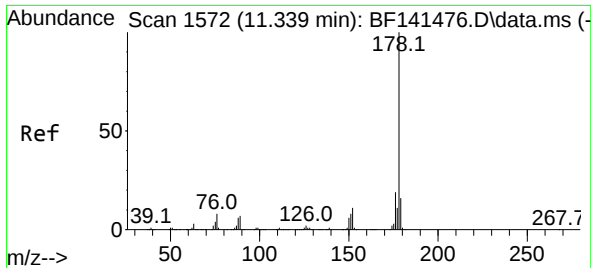
Ion Ratio Lower Upper

266 100

268 63.8 50.1 75.1

264 63.4 50.1 75.1

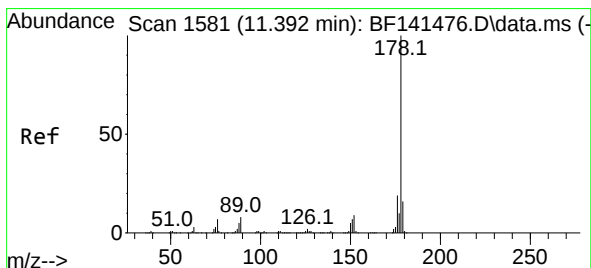
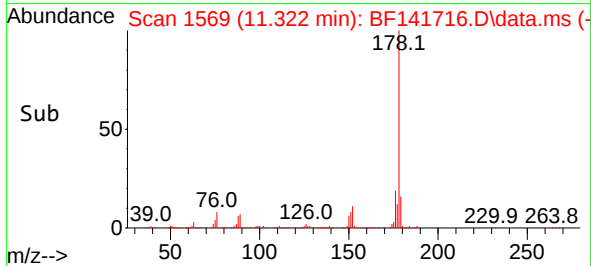
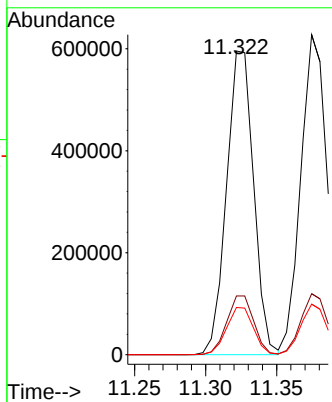
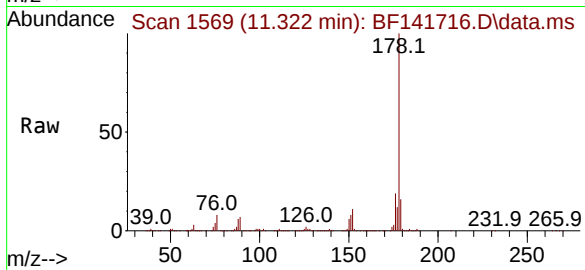




#71  
Phenanthrene  
Concen: 45.210 ng  
RT: 11.322 min Scan# 1569  
Delta R.T. -0.023 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

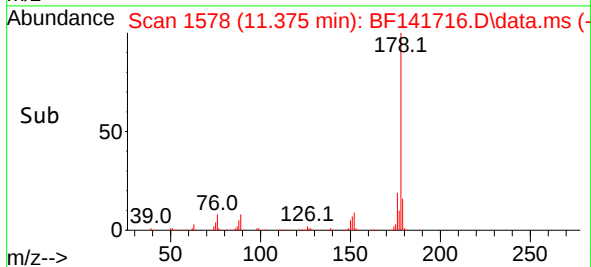
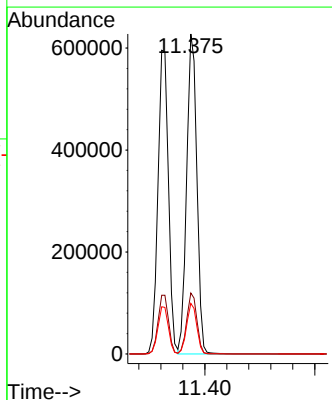
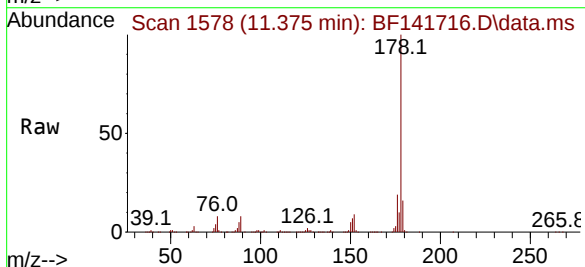
Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

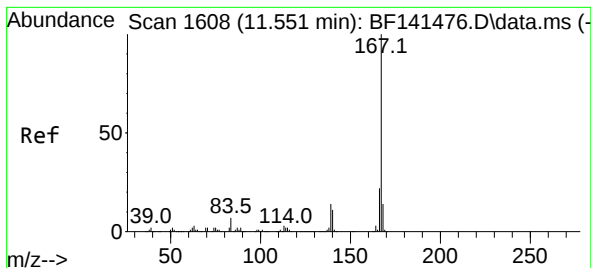
Tgt Ion:178 Resp: 789793  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.0  
179 15.6 12.4 18.6



#72  
Anthracene  
Concen: 45.974 ng  
RT: 11.375 min Scan# 1578  
Delta R.T. -0.023 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:178 Resp: 807352  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.8 22.2  
179 15.8 12.4 18.6





#73

Carbazole

Concen: 43.640 ng

RT: 11.533 min Scan# 1605

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA\_F

ClientSampleId :

PB166796BS

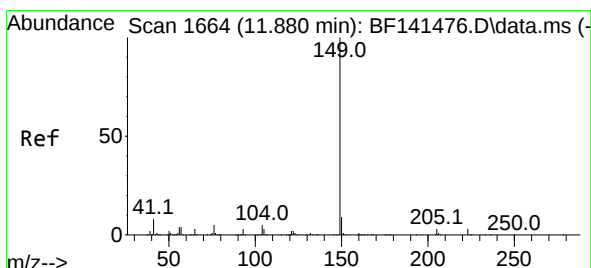
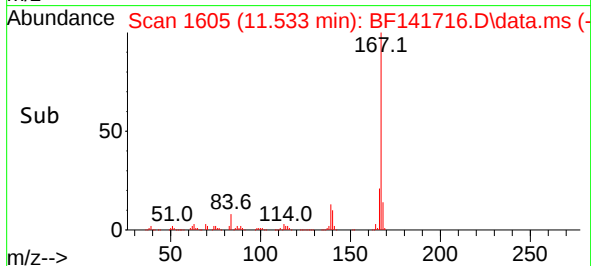
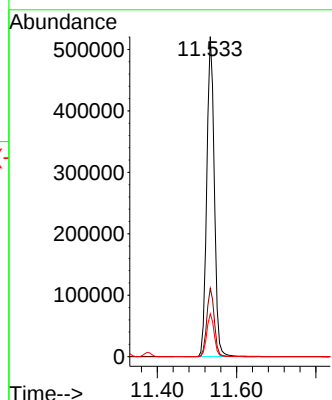
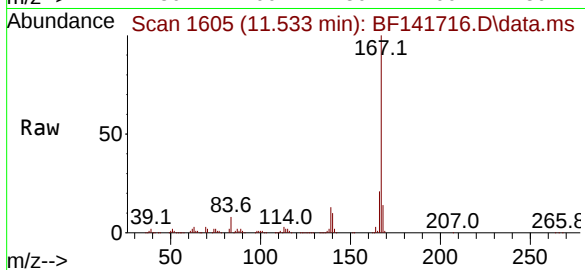
Tgt Ion:167 Resp: 689575

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.2

139 13.4 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.898 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

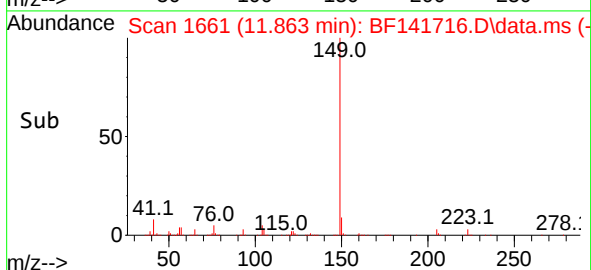
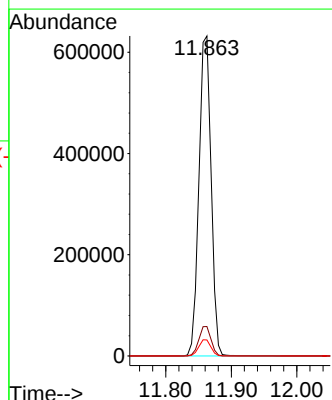
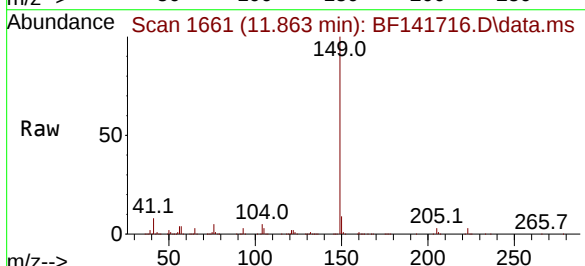
Tgt Ion:149 Resp: 819175

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.0 4.2 6.2

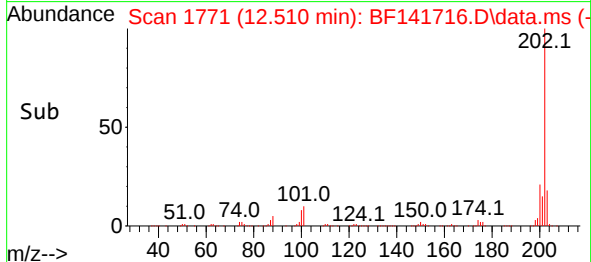
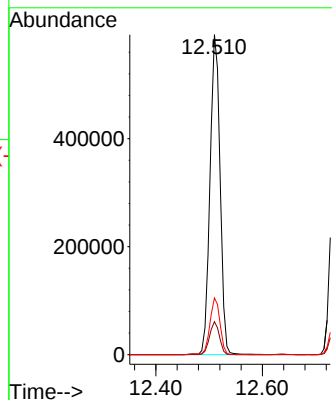
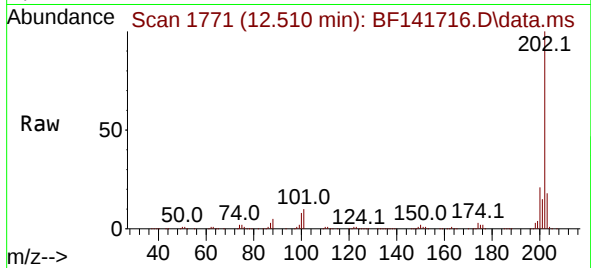




#75  
Fluoranthene  
Concen: 41.906 ng  
RT: 12.510 min Scan# 11  
Delta R.T. -0.023 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

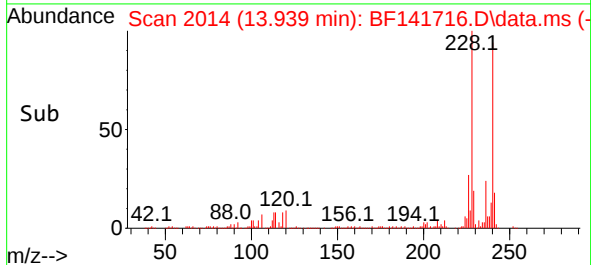
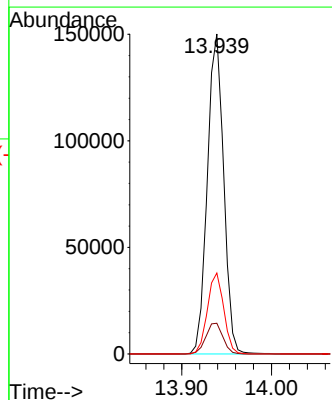
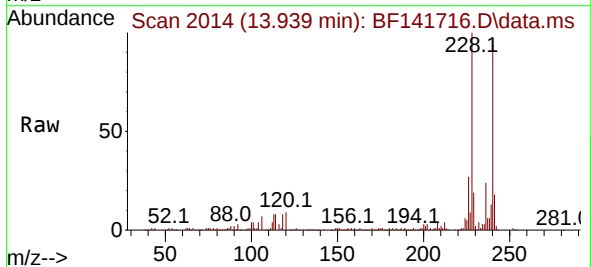
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BNA\_F  
ClientSampleId :  
PB166796BS

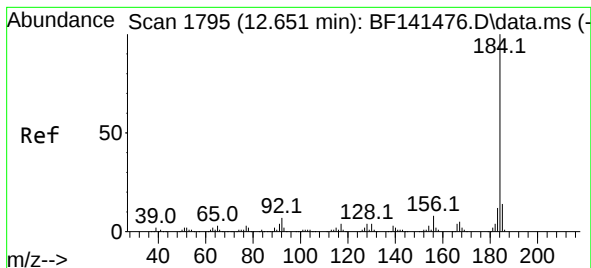
Tgt Ion:202 Resp: 776148  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 30.2  
203 17.7 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.939 min Scan# 2014  
Delta R.T. -0.023 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:240 Resp: 189562  
Ion Ratio Lower Upper  
240 100  
120 9.6 8.0 12.0  
236 25.3 19.8 29.8





#77

Benzidine

Concen: 53.685 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA\_F

ClientSampleId :

PB166796BS

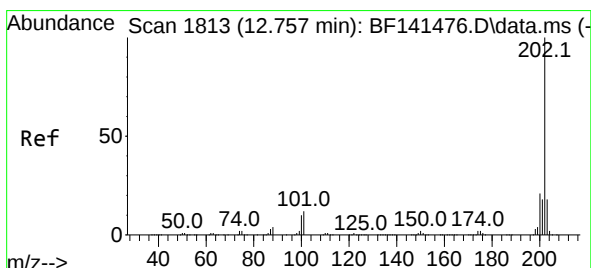
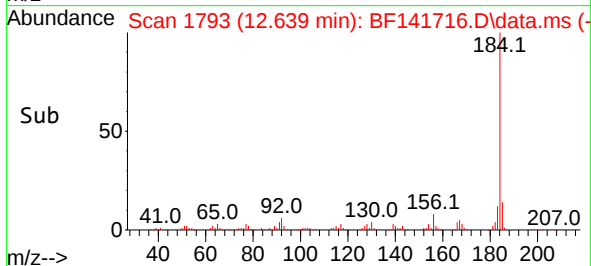
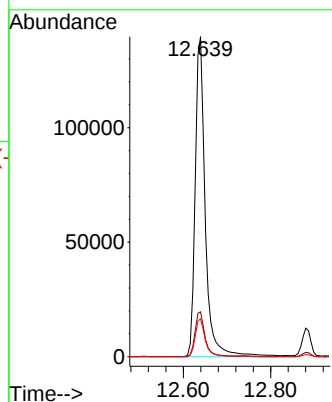
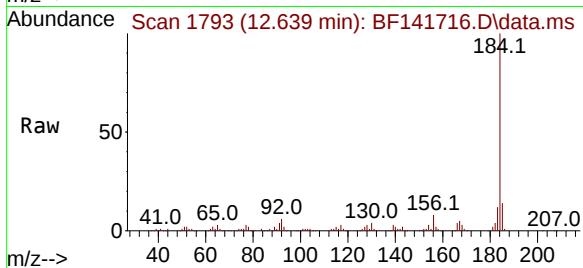
Tgt Ion:184 Resp: 224440

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

183 11.8 9.3 13.9



#78

Pyrene

Concen: 47.738 ng

RT: 12.739 min Scan# 1810

Delta R.T. -0.023 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

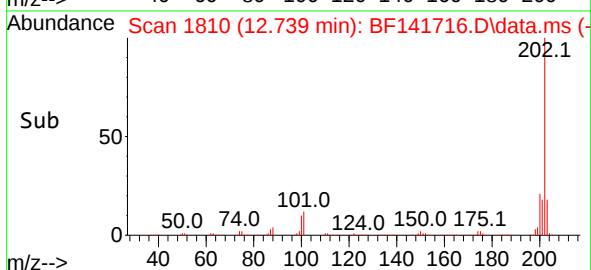
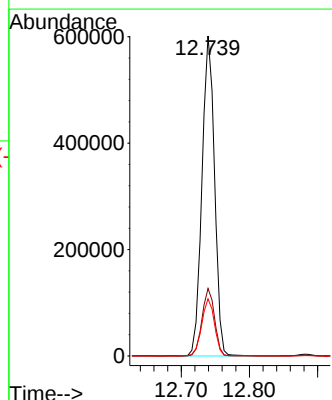
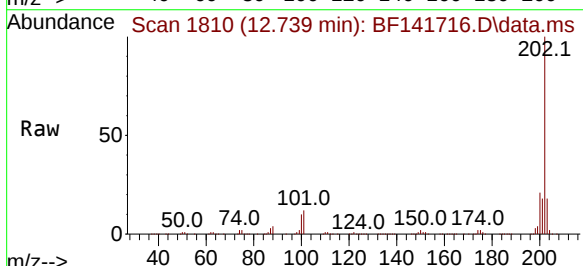
Tgt Ion:202 Resp: 770336

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 107.093 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA\_F

ClientSampleId :

PB166796BS

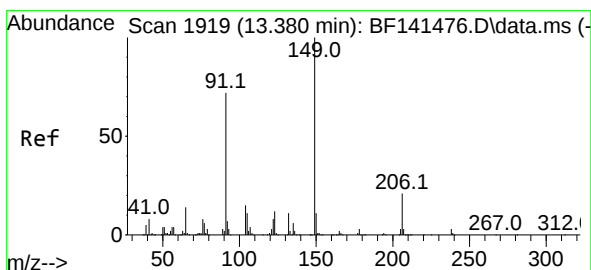
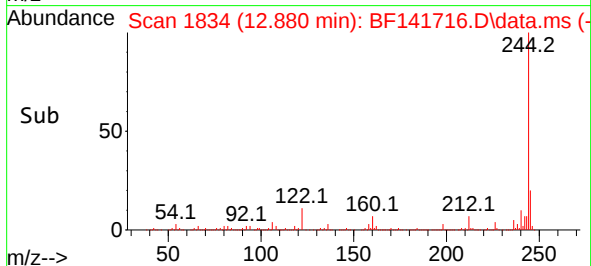
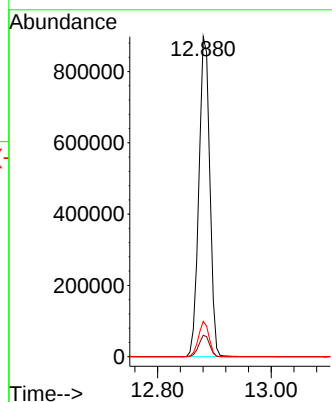
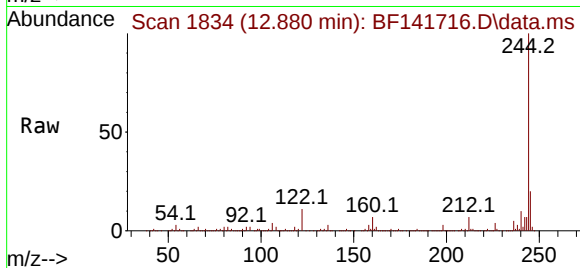
Tgt Ion:244 Resp: 1202534

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.1 8.4 12.6



#80

Butylbenzylphthalate

Concen: 49.724 ng

RT: 13.357 min Scan# 1915

Delta R.T. -0.023 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

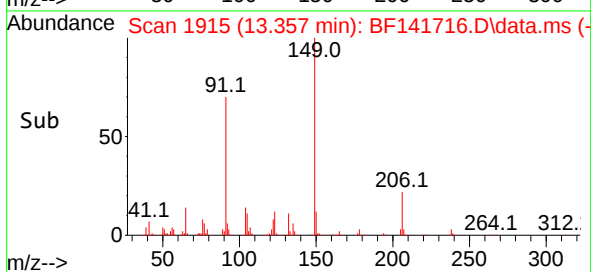
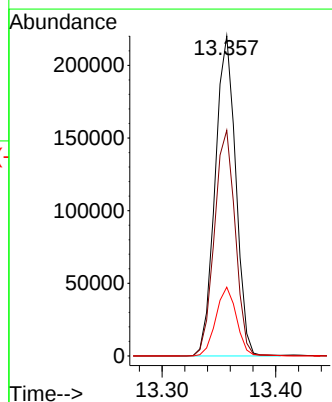
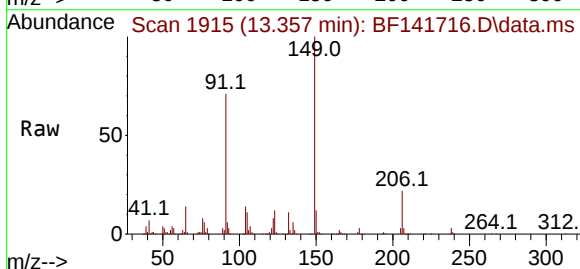
Tgt Ion:149 Resp: 277925

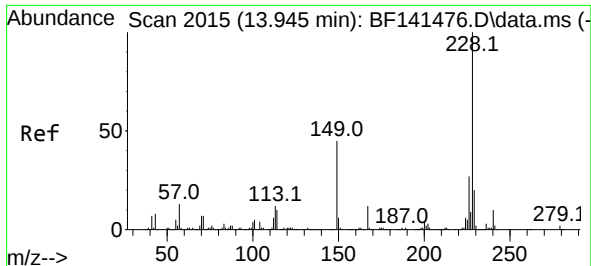
Ion Ratio Lower Upper

149 100

91 70.5 57.8 86.8

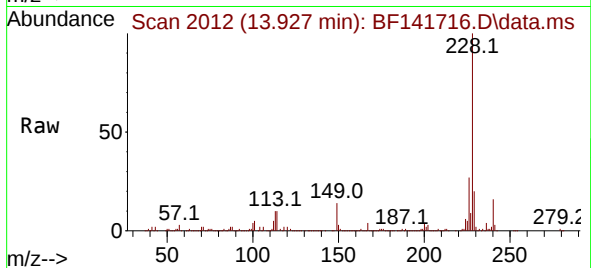
206 21.5 16.7 25.1



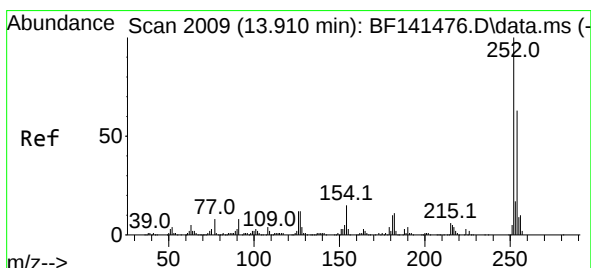
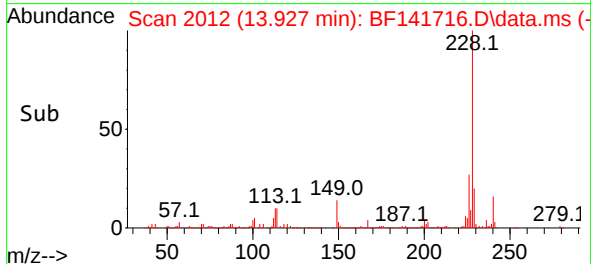
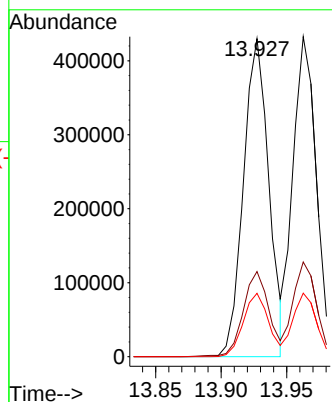


#81  
Benzo(a)anthracene  
Concen: 45.980 ng  
RT: 13.927 min Scan# 2006  
Delta R.T. -0.023 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

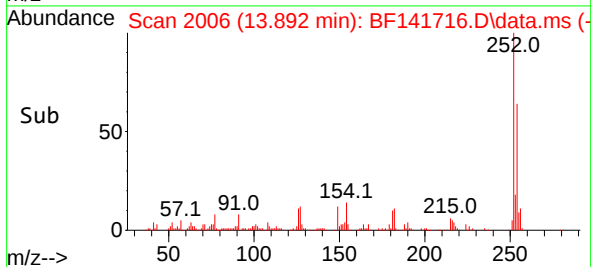
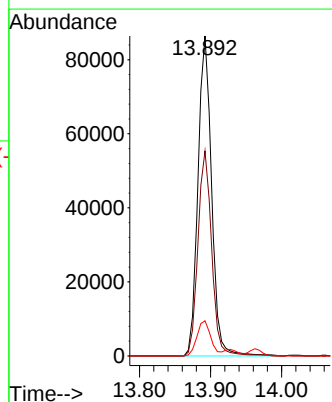
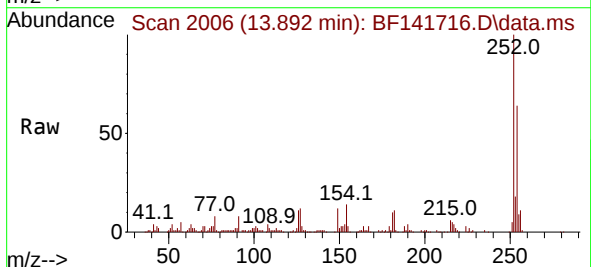


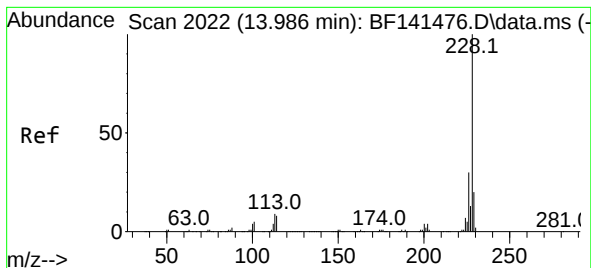
Tgt Ion:228 Resp: 579389  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.8 32.8  
229 19.9 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 32.115 ng  
RT: 13.892 min Scan# 2006  
Delta R.T. -0.023 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:252 Resp: 115921  
Ion Ratio Lower Upper  
252 100  
254 64.1 50.6 76.0  
126 11.0 9.3 13.9





#83

Chrysene

Concen: 46.280 ng

RT: 13.963 min Scan# 2010

Delta R.T. -0.029 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA\_F

ClientSampleId :

PB166796BS

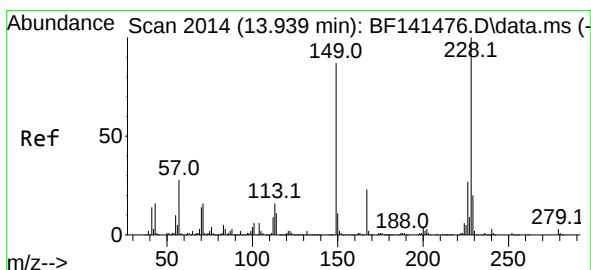
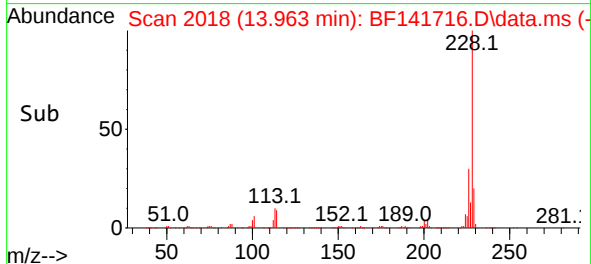
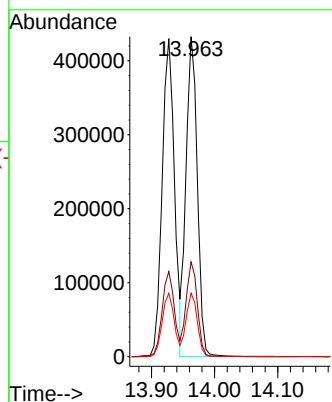
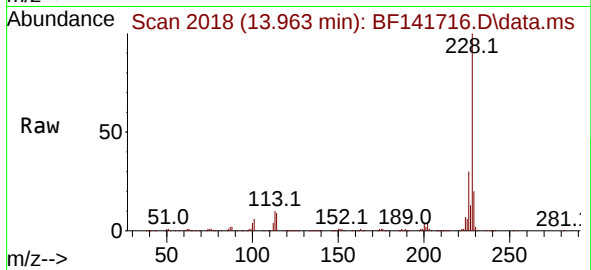
Tgt Ion:228 Resp: 538467

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.789 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

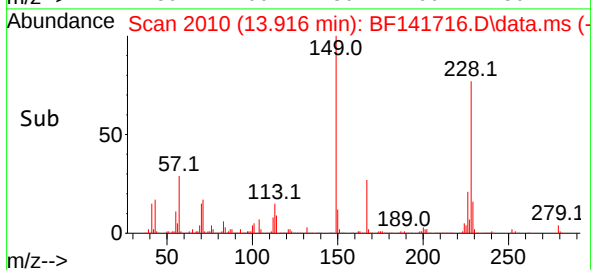
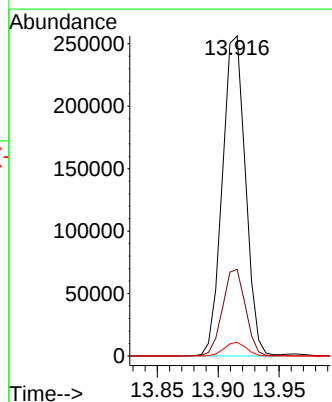
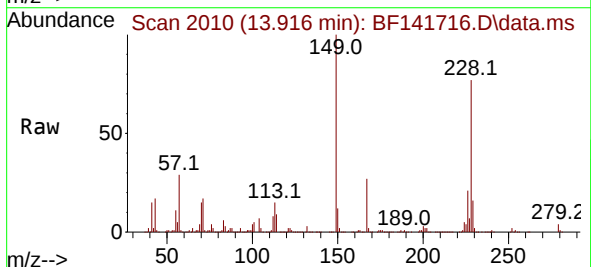
Tgt Ion:149 Resp: 339083

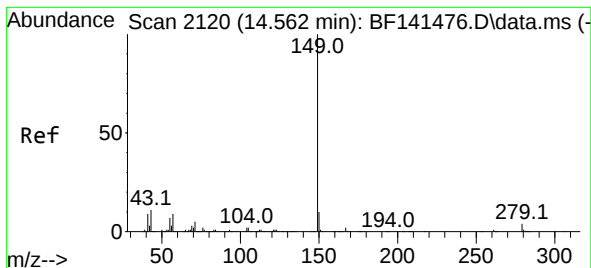
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.837 ng

RT: 14.521 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA\_F

ClientSampleId :

PB166796BS

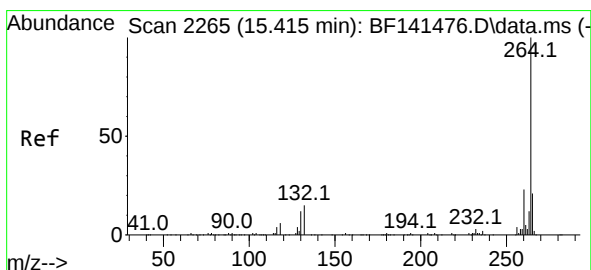
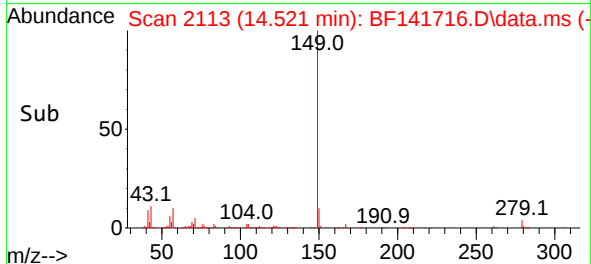
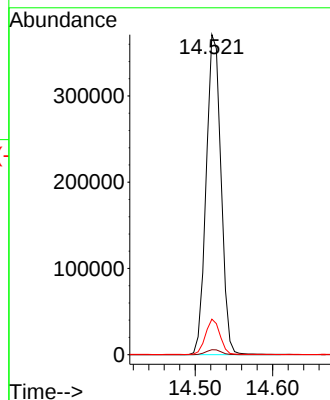
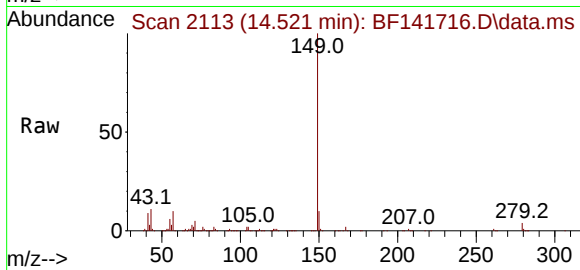
Tgt Ion:149 Resp: 493151

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.035 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

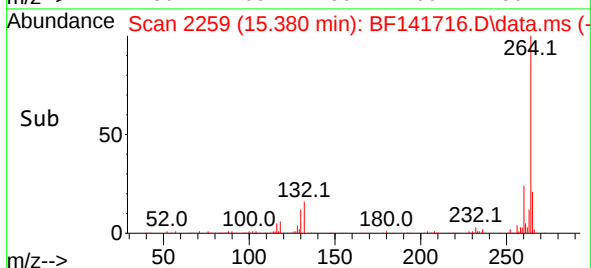
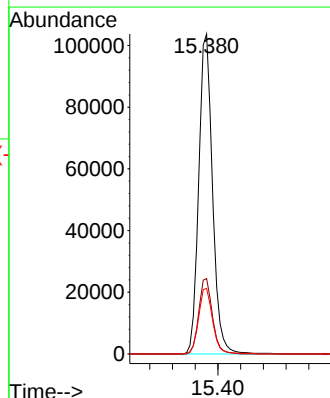
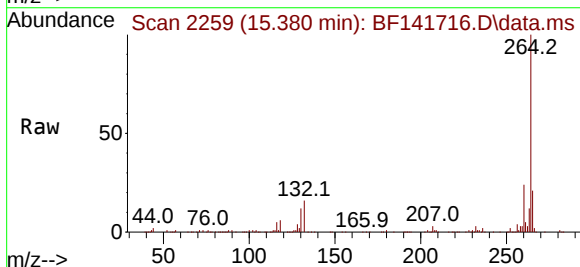
Tgt Ion:264 Resp: 175001

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 20.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.161 ng

RT: 16.810 min Scan# 2188

Delta R.T. -0.065 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA\_F

ClientSampleId :

PB166796BS

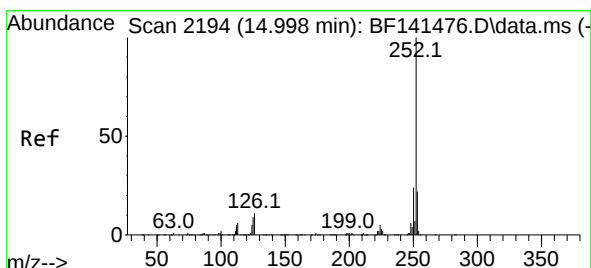
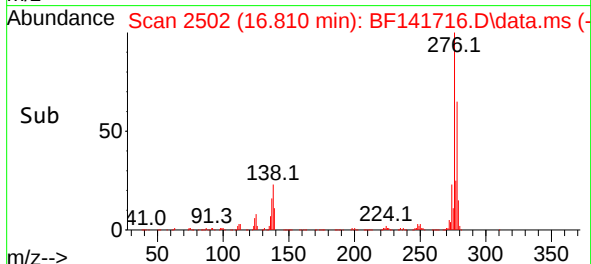
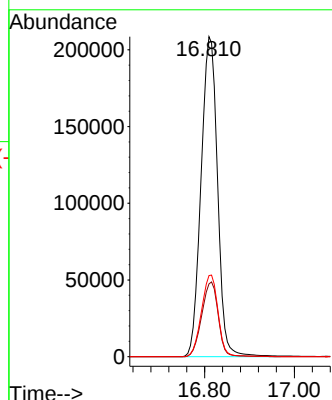
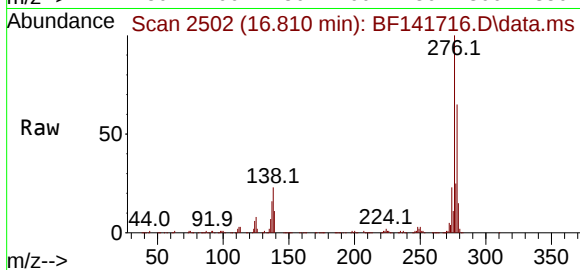
Tgt Ion:276 Resp: 531589

Ion Ratio Lower Upper

276 100

138 23.4 18.0 27.0

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.757 ng

RT: 14.963 min Scan# 2188

Delta R.T. -0.041 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

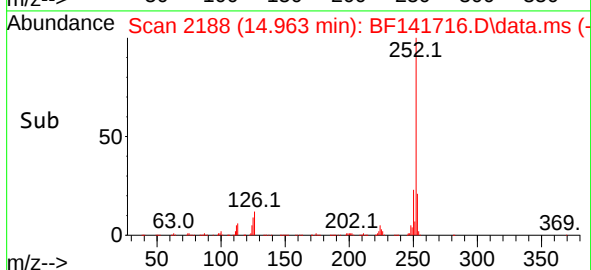
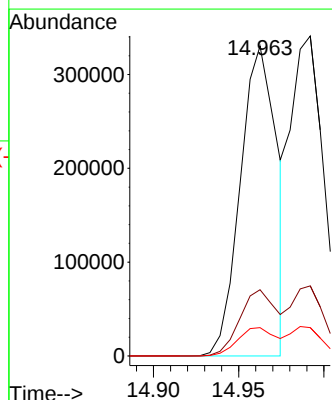
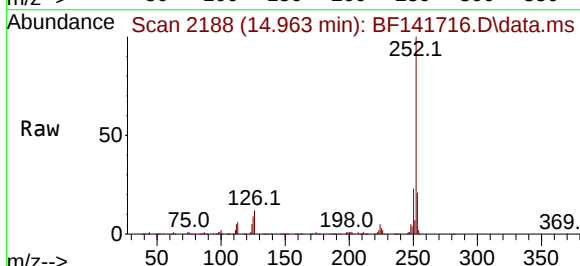
Tgt Ion:252 Resp: 490663

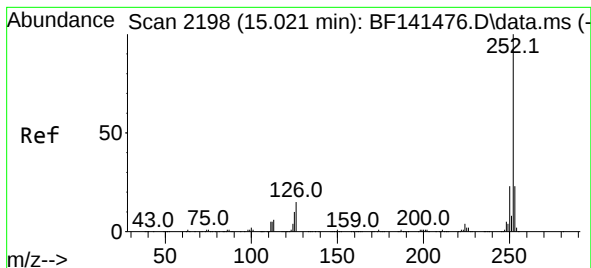
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.1 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 46.716 ng

RT: 14.992 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA\_F

ClientSampleId :

PB166796BS

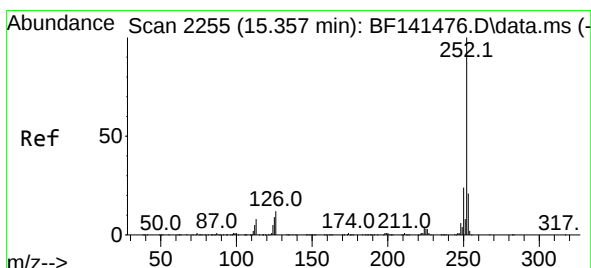
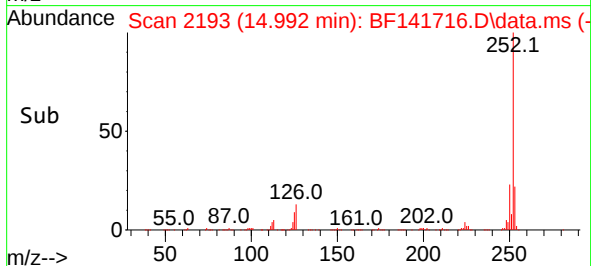
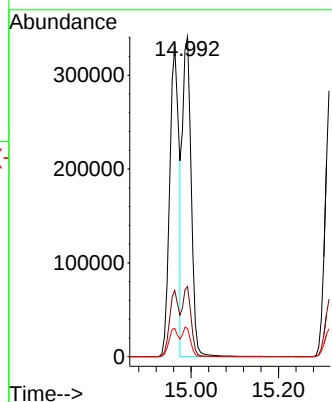
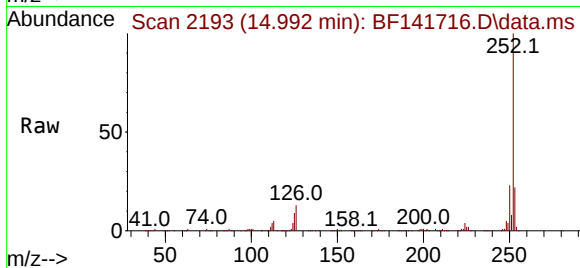
Tgt Ion:252 Resp: 468742

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 8.8 7.4 11.0



#90

Benzo(a)pyrene

Concen: 48.070 ng

RT: 15.315 min Scan# 2248

Delta R.T. -0.047 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

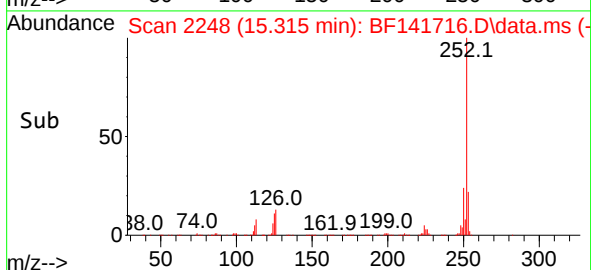
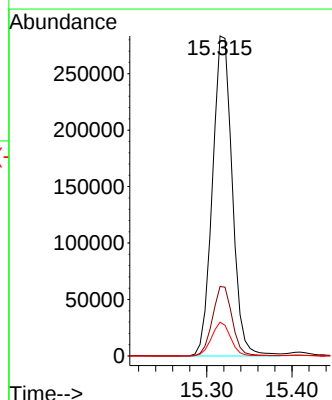
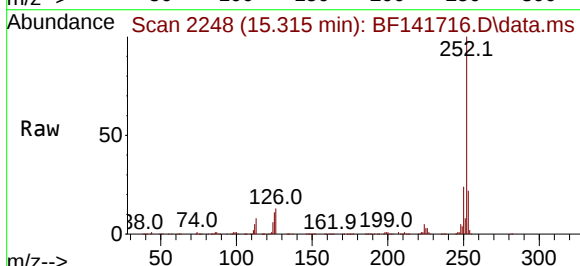
Tgt Ion:252 Resp: 457056

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.6 7.4 11.2

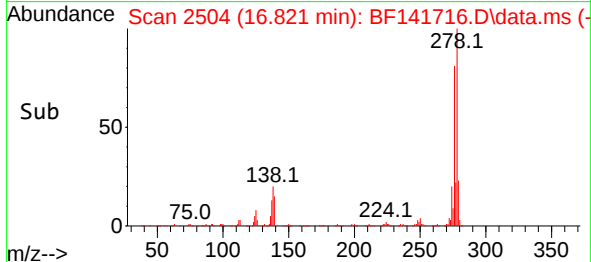
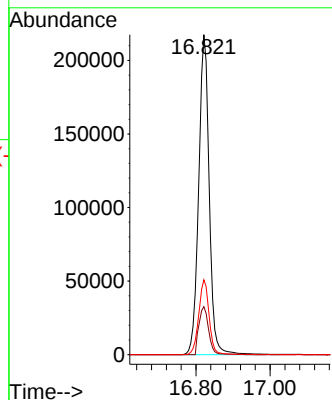
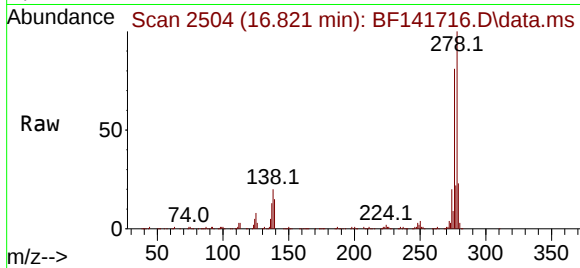




#91  
Dibenzo(a,h)anthracene  
Concen: 48.971 ng  
RT: 16.821 min Scan# 2504  
Delta R.T. -0.070 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB166796BS

Tgt Ion:278 Resp: 429071  
Ion Ratio Lower Upper  
278 100  
139 15.0 11.8 17.6  
279 23.4 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 45.429 ng  
RT: 17.239 min Scan# 2575  
Delta R.T. -0.076 min  
Lab File: BF141716.D  
Acq: 21 Feb 2025 13:13

Tgt Ion:276 Resp: 416531  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.6 28.0  
138 20.0 15.9 23.9

