

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012925\  
 Data File : BF141296.D  
 Acq On : 29 Jan 2025 16:38  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Jan 30 04:16:00 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 29 17:41:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.798  | 152  | 125203   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.086  | 136  | 490777   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.839  | 164  | 260269   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.327 | 188  | 434671   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 225615   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 265921   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 952391   | 116.779 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 1210477  | 116.675 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.369  | 82   | 1098197  | 117.962 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.627 | 330  | 279105   | 116.973 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 1824372  | 107.891 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.916 | 244  | 1665591  | 113.851 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.487  | 88   | 213805   | 59.610  | ng    | 99       |
| 3) Pyridine                   | 3.216  | 79   | 527201   | 61.006  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.181  | 42   | 305312   | 61.844  | ng    | 99       |
| 6) Aniline                    | 6.463  | 93   | 506937   | 57.724  | ng    | # 89     |
| 8) 2-Chlorophenol             | 6.587  | 128  | 509043   | 58.235  | ng    | 98       |
| 9) Benzaldehyde               | 6.351  | 77   | 314238   | 52.291  | ng    | 98       |
| 10) Phenol                    | 6.445  | 94   | 640034   | 58.196  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.539  | 93   | 499321   | 59.214  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.739  | 146  | 553756   | 57.455  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.816  | 146  | 558572   | 57.689  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 6.975  | 146  | 513179   | 56.602  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.945  | 79   | 422722   | 59.622  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.081  | 45   | 859130   | 58.590  | ng    | 99       |
| 17) 2-Methylphenol            | 7.057  | 107  | 420597   | 59.203  | ng    | 99       |
| 18) Hexachloroethane          | 7.316  | 117  | 210746   | 59.001  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.222  | 70   | 355036   | 57.592  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.210  | 107  | 496888   | 56.963  | ng    | 98       |
| 22) Acetophenone              | 7.216  | 105  | 651575   | 55.854  | ng    | 99       |
| 24) Nitrobenzene              | 7.386  | 77   | 572234   | 59.313  | ng    | 99       |
| 25) Isophorone                | 7.622  | 82   | 953671   | 59.261  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.698  | 139  | 280785   | 61.711  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.739  | 122  | 325969   | 56.285  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.833  | 93   | 605644   | 59.001  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.939  | 162  | 421748   | 59.485  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.022  | 180  | 465841   | 57.533  | ng    | 99       |
| 31) Naphthalene               | 8.104  | 128  | 1475900  | 56.926  | ng    | 99       |
| 32) Benzoic acid              | 7.863  | 122  | 305638   | 57.408  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.157  | 127  | 513149   | 58.367  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.222  | 225  | 275524   | 58.025  | ng    | 100      |
| 35) Caprolactam               | 8.533  | 113  | 141023   | 60.904  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.633  | 107  | 452438   | 59.492  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.792  | 142  | 941153   | 57.114  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.892  | 142  | 917389   | 56.675  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.963  | 216  | 430239   | 58.106  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.945  | 237  | 141387   | 64.657  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.075  | 196  | 288290   | 59.485  | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 29 17:41:25 2025  
 Response via : Initial Calibration

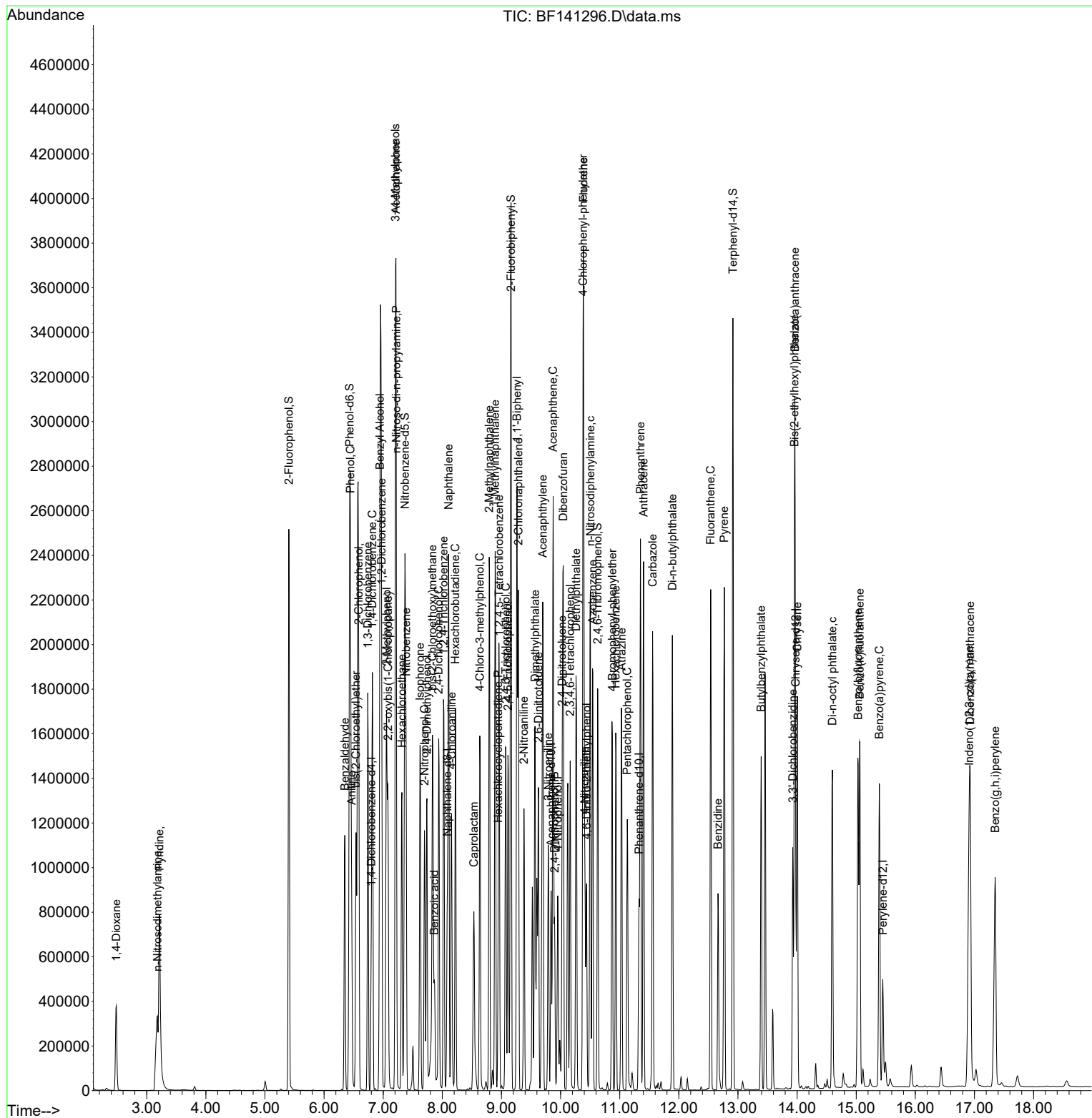
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 314912   | 59.702 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.263  | 154  | 1139946  | 56.161 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.286  | 162  | 902561   | 57.048 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.380  | 65   | 300339   | 60.353 | ng    | 98       |
| 49) Acenaphthylene            | 9.698  | 152  | 1258733  | 56.836 | ng    | 100      |
| 50) Dimethylphthalate         | 9.569  | 163  | 1012298  | 57.587 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.627  | 165  | 241241   | 59.106 | ng    | 98       |
| 52) Acenaphthene              | 9.875  | 154  | 921519   | 58.244 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.792  | 138  | 232680   | 58.165 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.898  | 184  | 132244   | 69.701 | ng    | 95       |
| 55) Dibenzofuran              | 10.045 | 168  | 1202027  | 56.758 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.951  | 139  | 190620   | 65.156 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.027 | 165  | 315221   | 59.651 | ng    | 97       |
| 58) Fluorene                  | 10.386 | 166  | 915246   | 55.715 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.163 | 232  | 252964   | 60.959 | ng    | 100      |
| 60) Diethylphthalate          | 10.263 | 149  | 983788   | 57.719 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.380 | 204  | 445841   | 55.561 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.410 | 138  | 242716   | 61.715 | ng    | 99       |
| 63) Azobenzene                | 10.539 | 77   | 996608   | 58.414 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.439 | 198  | 174248   | 67.773 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.504 | 169  | 800147   | 56.914 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.874 | 248  | 286647   | 58.905 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.933 | 284  | 302508   | 58.604 | ng    | 99       |
| 69) Atrazine                  | 11.033 | 200  | 306524   | 65.210 | ng    | 99       |
| 70) Pentachlorophenol         | 11.127 | 266  | 194335   | 64.291 | ng    | 99       |
| 71) Phenanthrene              | 11.351 | 178  | 1316980  | 56.365 | ng    | 100      |
| 72) Anthracene                | 11.404 | 178  | 1298334  | 56.711 | ng    | 99       |
| 73) Carbazole                 | 11.557 | 167  | 1173330  | 57.798 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.892 | 149  | 1410222  | 57.322 | ng    | 100      |
| 75) Fluoranthene              | 12.539 | 202  | 1279995  | 55.482 | ng    | 99       |
| 77) Benzidine                 | 12.663 | 184  | 490009   | 67.748 | ng    | 100      |
| 78) Pyrene                    | 12.768 | 202  | 1284820  | 59.326 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.392 | 149  | 465533   | 61.530 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.962 | 228  | 917219   | 58.914 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.927 | 252  | 315503   | 63.717 | ng    | 100      |
| 83) Chrysene                  | 14.004 | 228  | 841120   | 58.950 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.957 | 149  | 564642   | 58.830 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 951473   | 63.827 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.909 | 276  | 1054987  | 61.468 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.033 | 252  | 971433   | 58.075 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.062 | 252  | 845842   | 57.081 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 838283   | 59.305 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.927 | 278  | 854214   | 61.862 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 881804   | 61.416 | ng    | 100      |

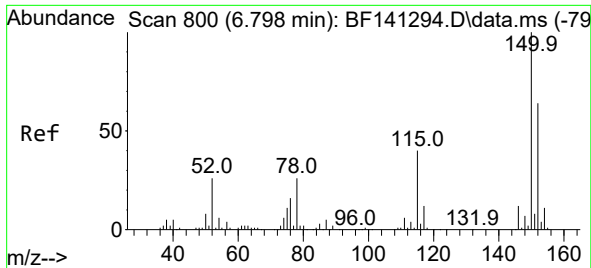
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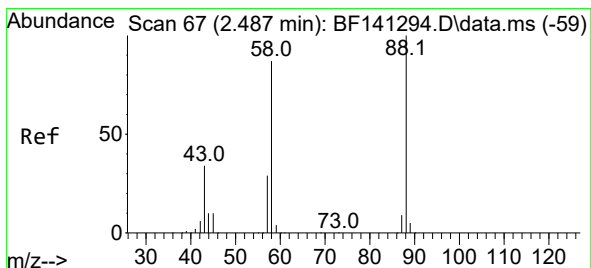
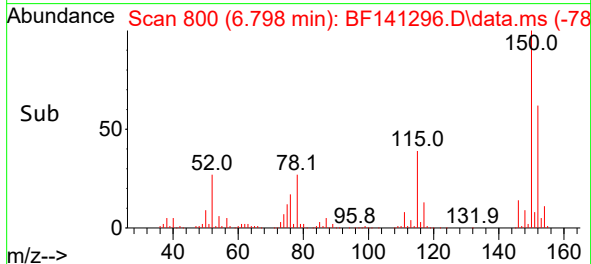
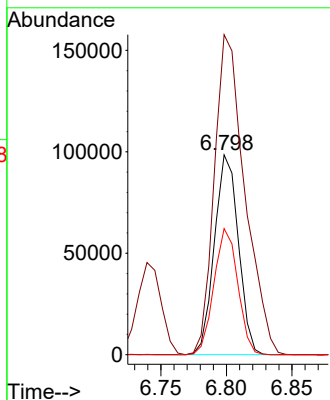
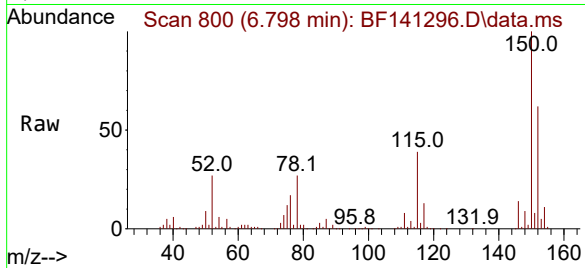




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.798 min Scan# 800  
 Delta R.T. -0.006 min  
 Lab File: BF141296.D  
 Acq: 29 Jan 2025 16:38

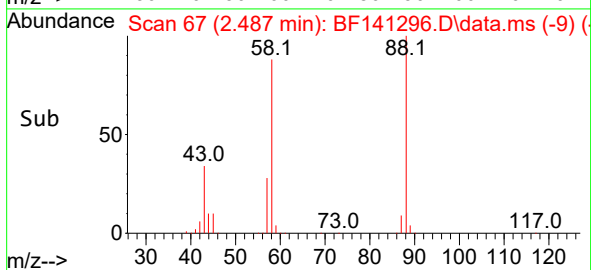
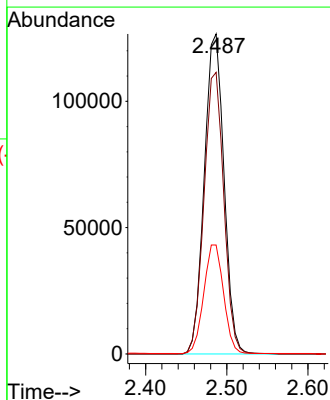
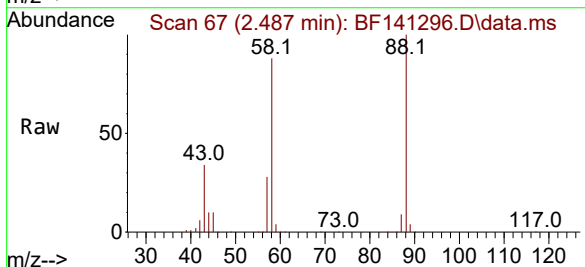
Instrument :  
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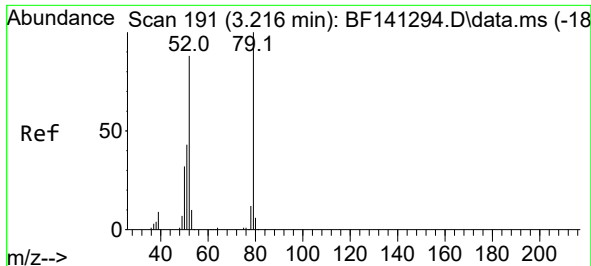
Tgt Ion:152 Resp: 125203  
 Ion Ratio Lower Upper  
 152 100  
 150 160.2 125.9 188.9  
 115 63.2 49.7 74.5



#2  
 1,4-Dioxane  
 Concen: 59.610 ng  
 RT: 2.487 min Scan# 67  
 Delta R.T. -0.006 min  
 Lab File: BF141296.D  
 Acq: 29 Jan 2025 16:38

Tgt Ion: 88 Resp: 213805  
 Ion Ratio Lower Upper  
 88 100  
 58 88.5 70.2 105.4  
 43 34.0 27.6 41.4

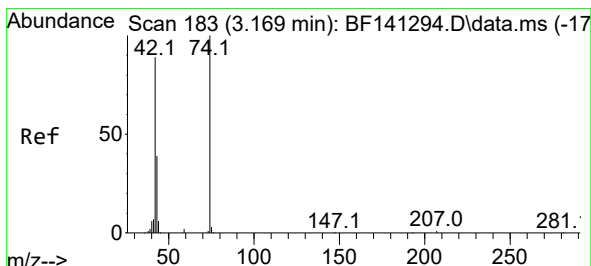
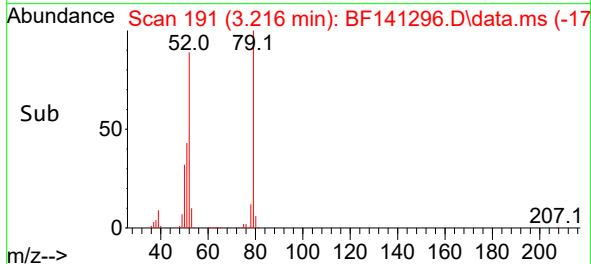
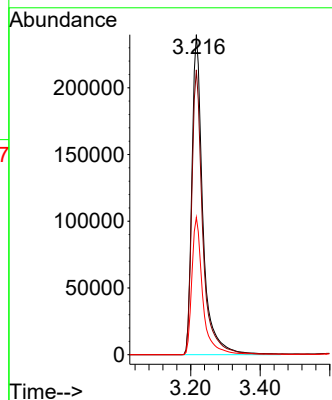
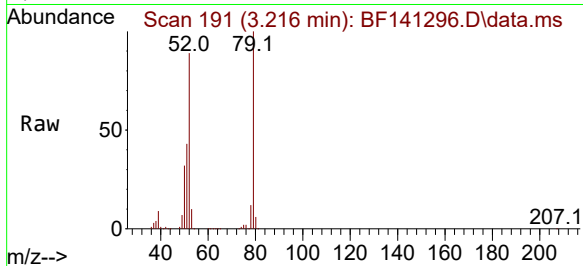




#3  
Pyridine  
Concen: 61.006 ng  
RT: 3.216 min Scan# 191  
Delta R.T. -0.012 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

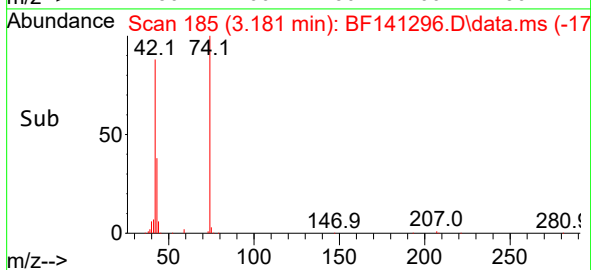
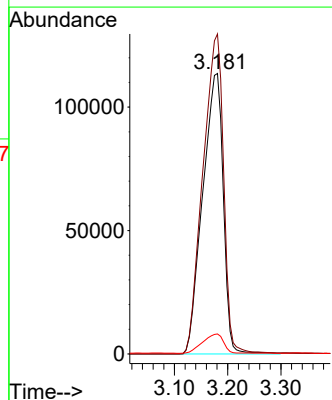
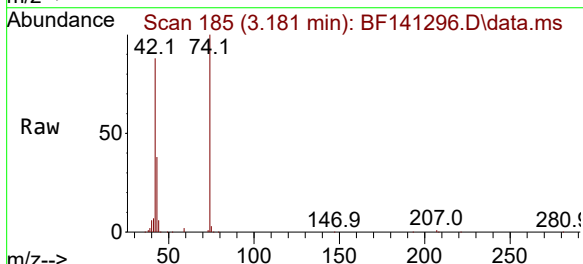
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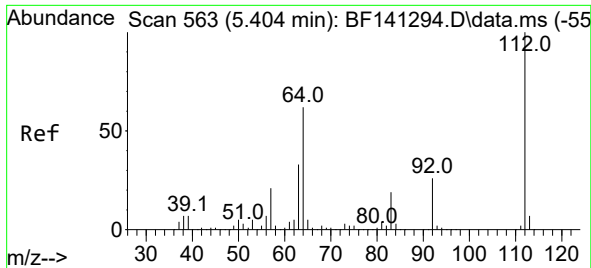
Tgt Ion: 79 Resp: 527201  
Ion Ratio Lower Upper  
79 100  
52 89.0 70.3 105.5  
51 42.9 34.3 51.5



#4  
n-Nitrosodimethylamine  
Concen: 61.844 ng  
RT: 3.181 min Scan# 185  
Delta R.T. -0.018 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion: 42 Resp: 305312  
Ion Ratio Lower Upper  
42 100  
74 114.1 90.3 135.5  
44 7.2 5.7 8.5

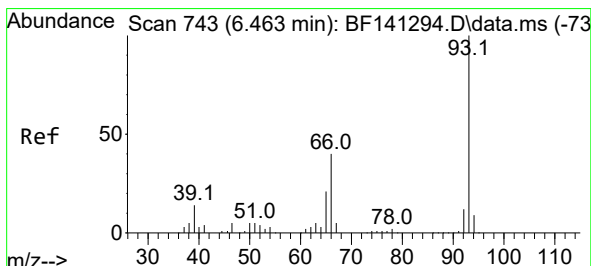
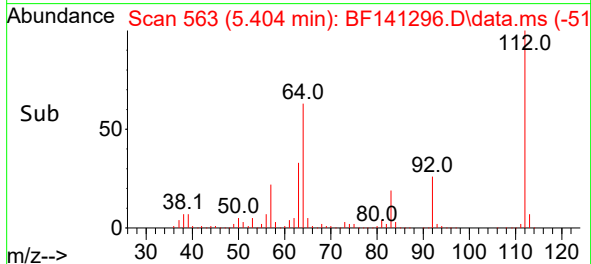
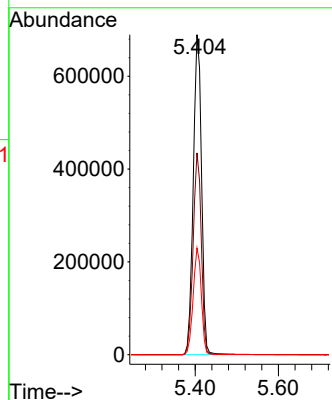
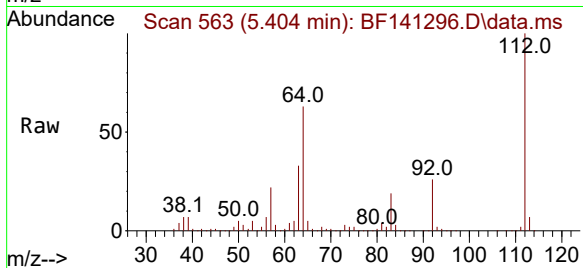




#5  
2-Fluorophenol  
Concen: 116.779 ng  
RT: 5.404 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

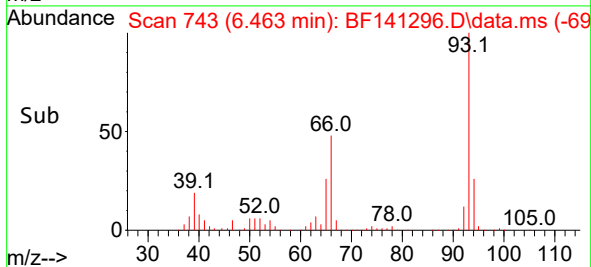
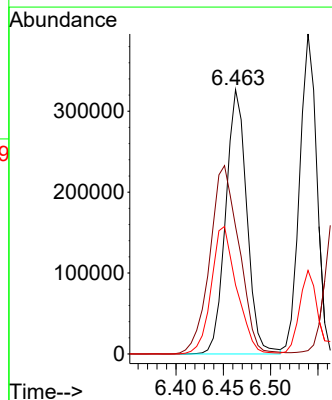
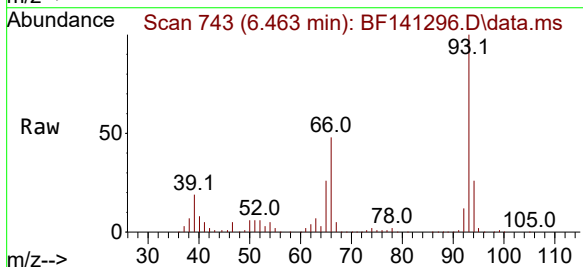
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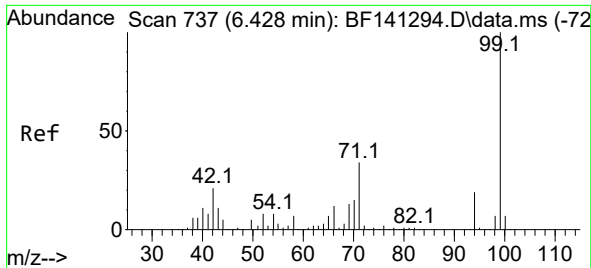
Tgt Ion:112 Resp: 952391  
Ion Ratio Lower Upper  
112 100  
64 63.0 49.8 74.8  
63 33.3 26.1 39.1



#6  
Aniline  
Concen: 57.724 ng  
RT: 6.463 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion: 93 Resp: 506937  
Ion Ratio Lower Upper  
93 100  
66 48.2 32.5 48.7  
65 26.1 17.0 25.6#

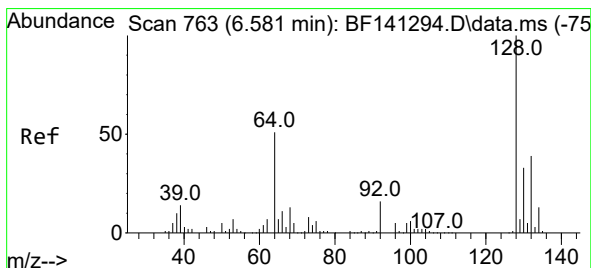
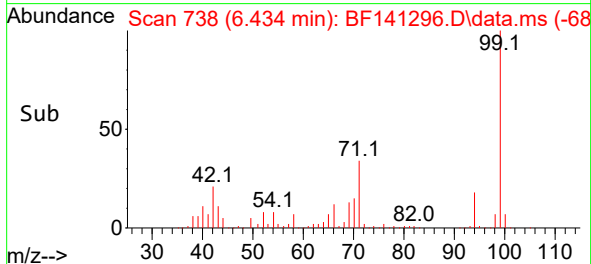
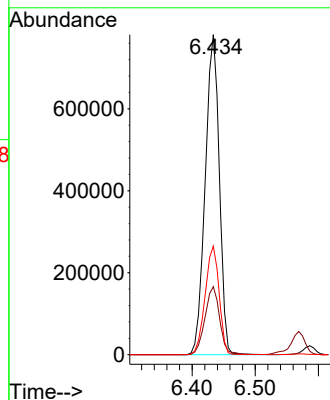
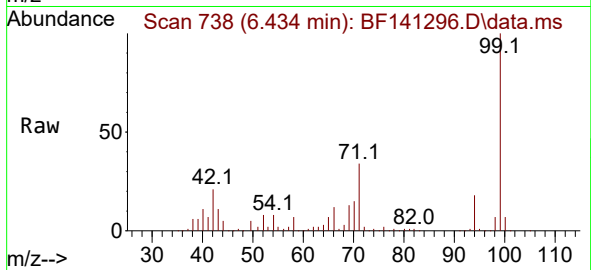




#7  
Phenol-d6  
Concen: 116.675 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
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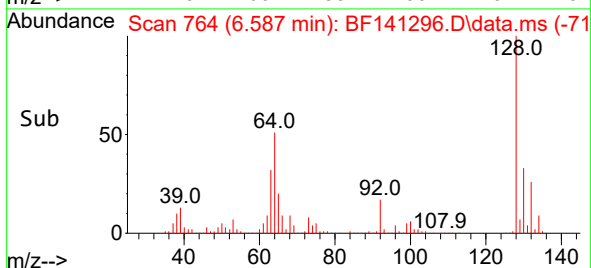
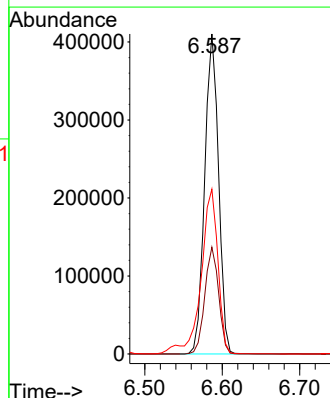
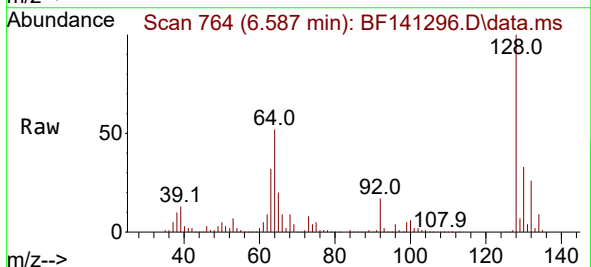
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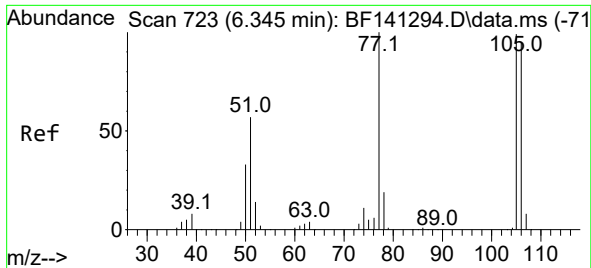
Tgt Ion: 99 Resp: 1210477  
Ion Ratio Lower Upper  
99 100  
42 21.2 17.1 25.7  
71 33.9 26.9 40.3



#8  
2-Chlorophenol  
Concen: 58.235 ng  
RT: 6.587 min Scan# 764  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
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Tgt Ion:128 Resp: 509043  
Ion Ratio Lower Upper  
128 100  
130 33.4 12.5 52.5  
64 51.5 32.9 72.9

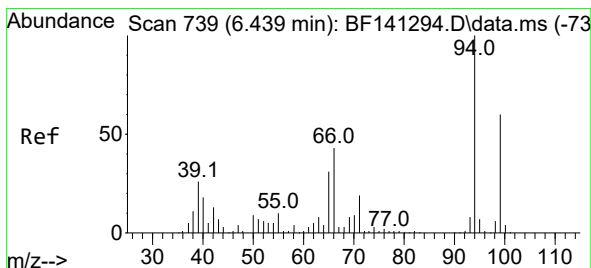
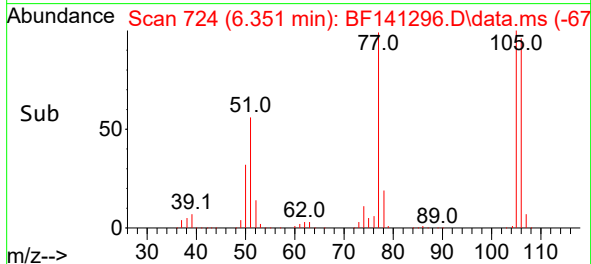
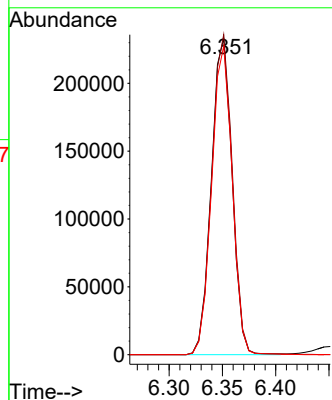
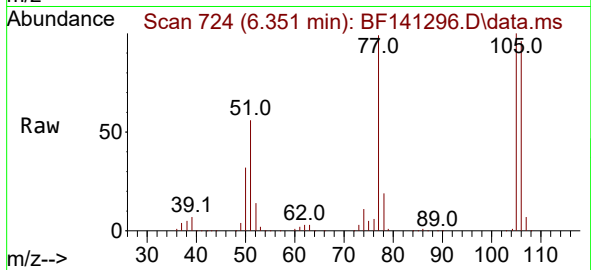




#9  
Benzaldehyde  
Concen: 52.291 ng  
RT: 6.351 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

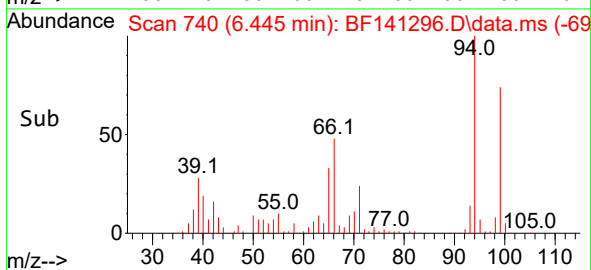
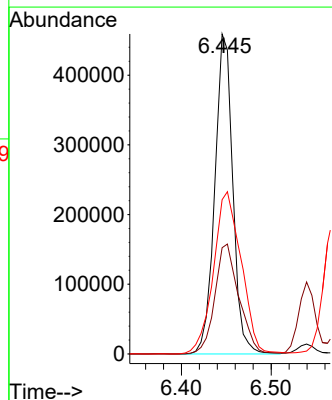
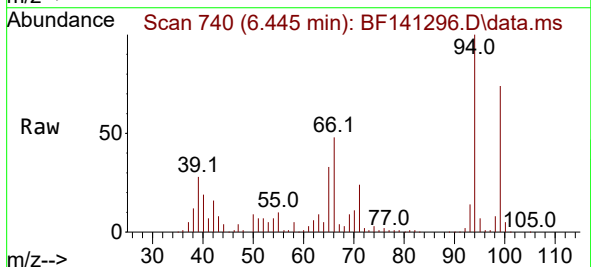
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion: 77 Resp: 314238  
Ion Ratio Lower Upper  
77 100  
105 101.2 79.4 119.4  
106 97.6 74.6 114.6

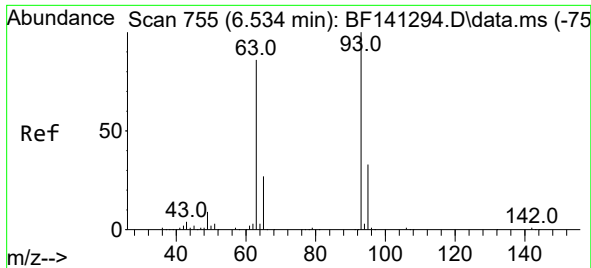


#10  
Phenol  
Concen: 58.196 ng  
RT: 6.445 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion: 94 Resp: 640034  
Ion Ratio Lower Upper  
94 100  
65 33.2 10.8 50.8  
66 48.2 23.3 63.3



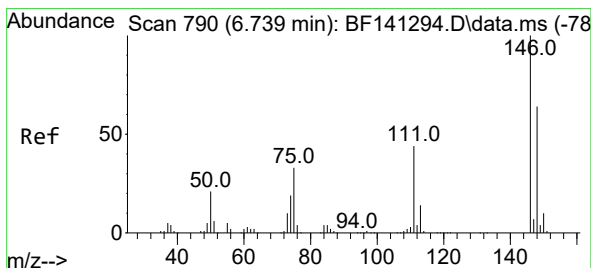
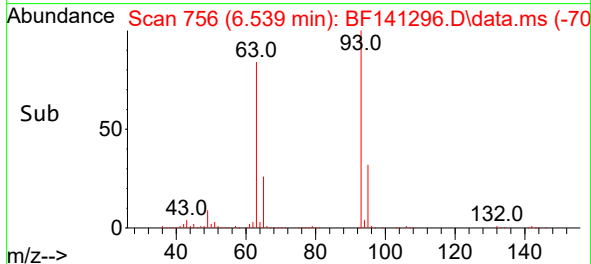
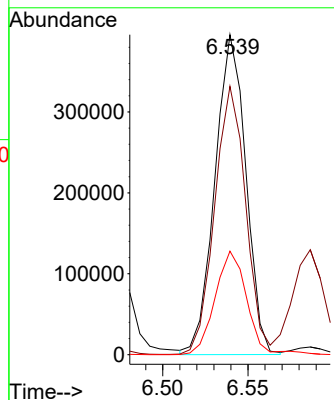
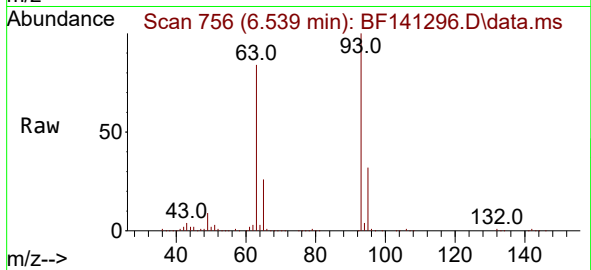




#11  
bis(2-Chloroethyl)ether  
Concen: 59.214 ng  
RT: 6.539 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

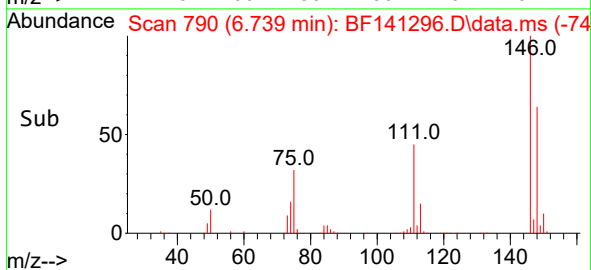
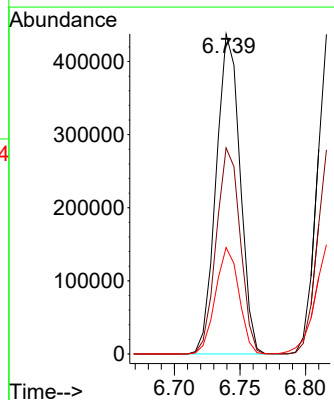
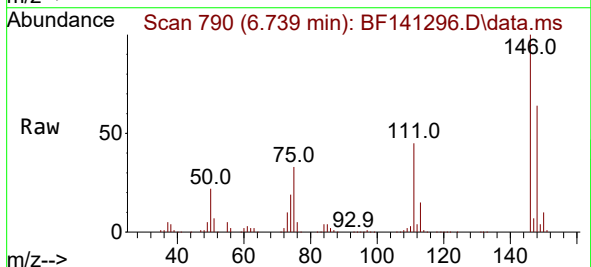
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

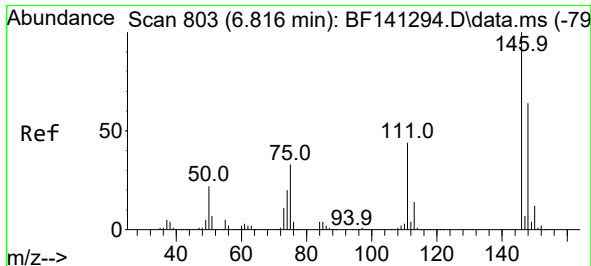
Tgt Ion: 93 Resp: 499321  
Ion Ratio Lower Upper  
93 100  
63 83.9 65.0 105.0  
95 32.3 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 57.455 ng  
RT: 6.739 min Scan# 790  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:146 Resp: 553756  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.2 76.8  
75 33.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 57.689 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

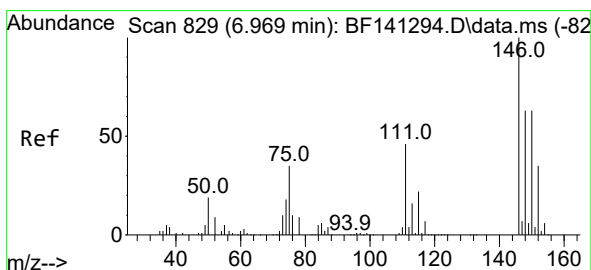
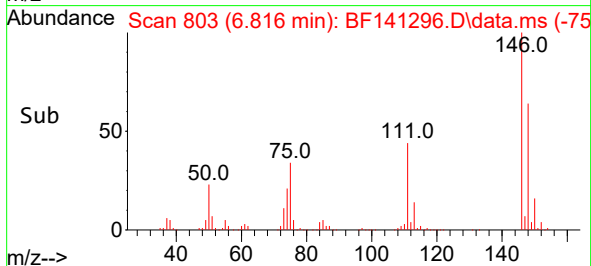
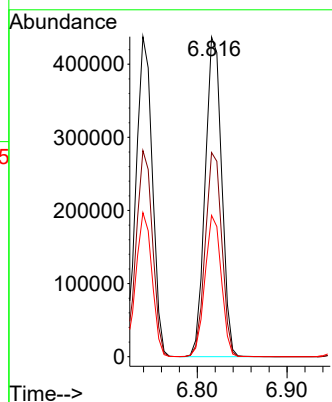
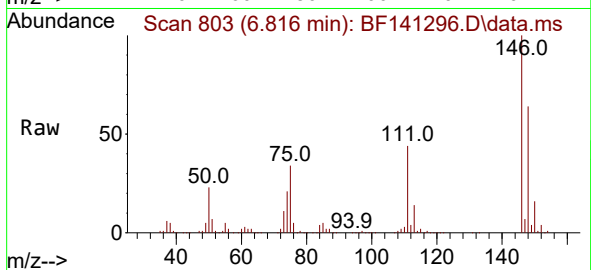
Tgt Ion:146 Resp: 558572

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

111 44.2 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 56.602 ng

RT: 6.975 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

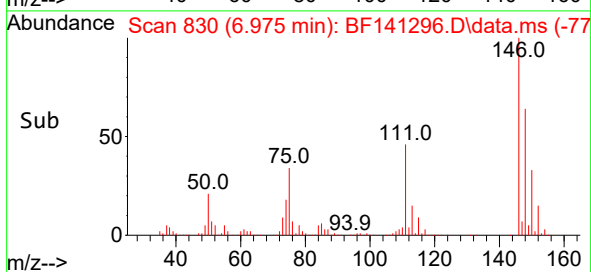
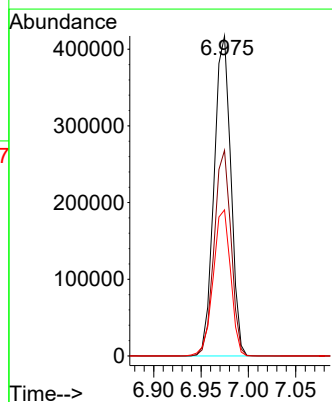
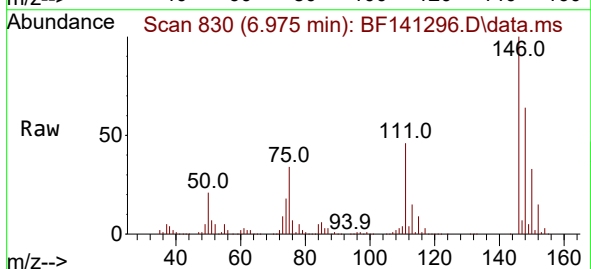
Tgt Ion:146 Resp: 513179

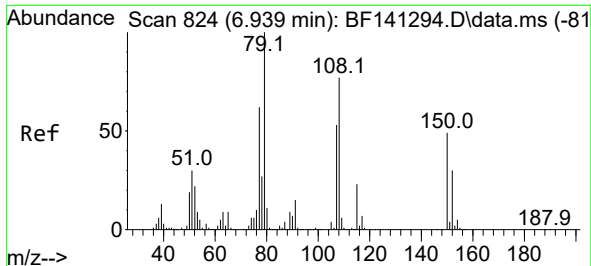
Ion Ratio Lower Upper

146 100

148 64.3 50.5 75.7

111 45.7 36.6 55.0

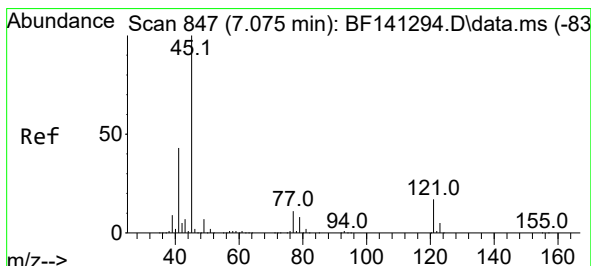
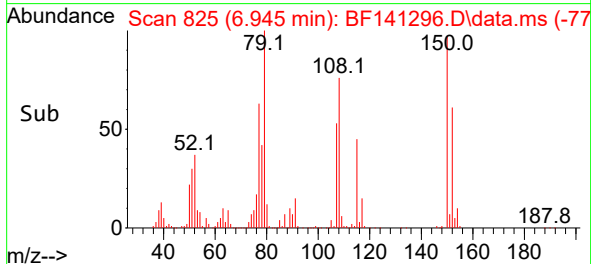
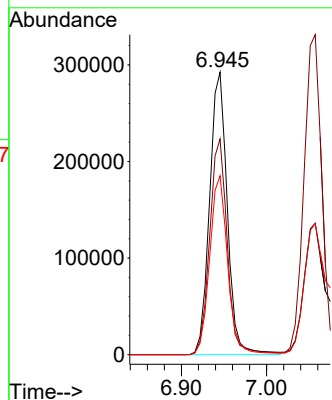
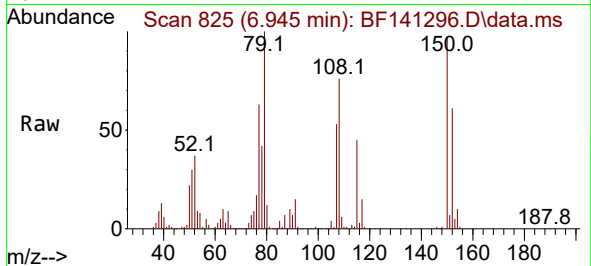




#15  
Benzyl Alcohol  
Concen: 59.622 ng  
RT: 6.945 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

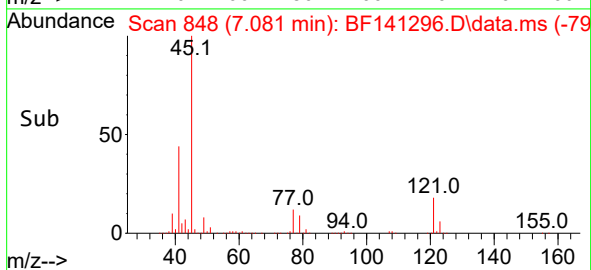
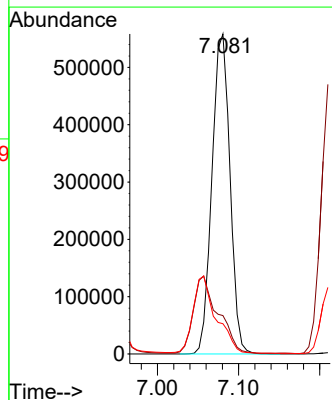
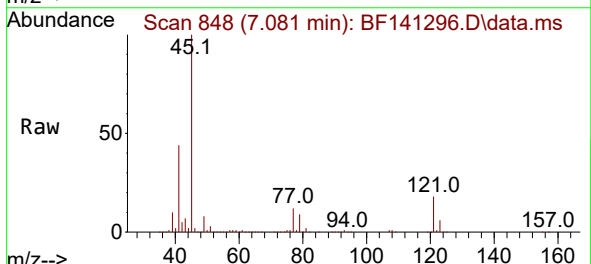
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

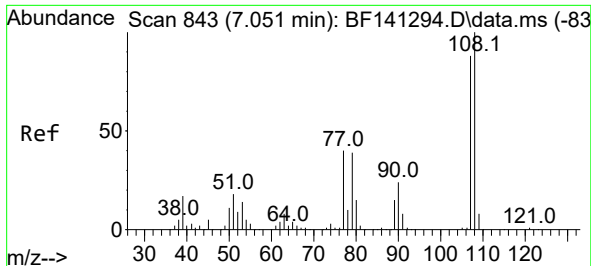
Tgt Ion: 79 Resp: 422722  
Ion Ratio Lower Upper  
79 100  
108 76.4 61.4 92.0  
77 63.3 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 58.590 ng  
RT: 7.081 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion: 45 Resp: 859130  
Ion Ratio Lower Upper  
45 100  
77 12.0 0.0 31.8  
79 9.4 0.0 29.1

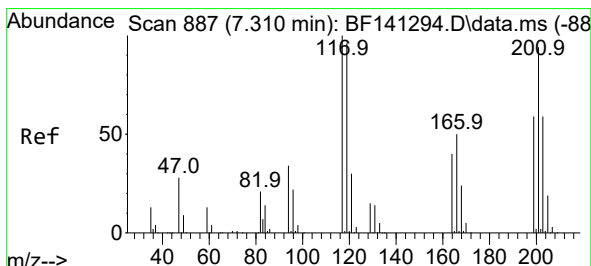
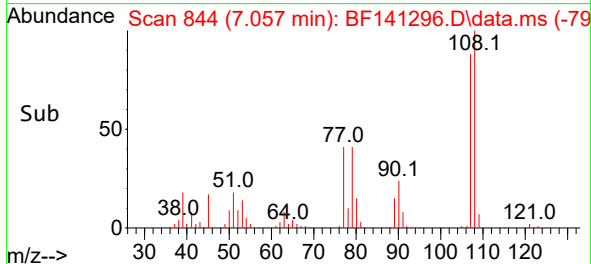
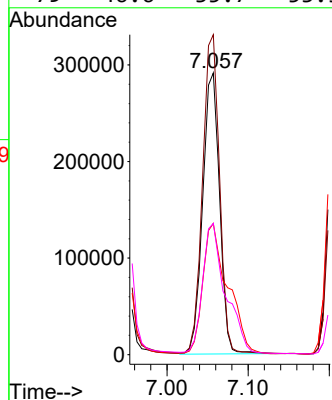
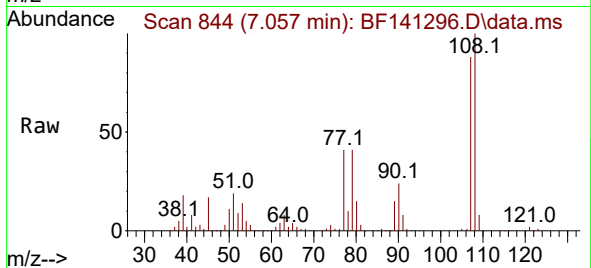




#17  
2-Methylphenol  
Concen: 59.203 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

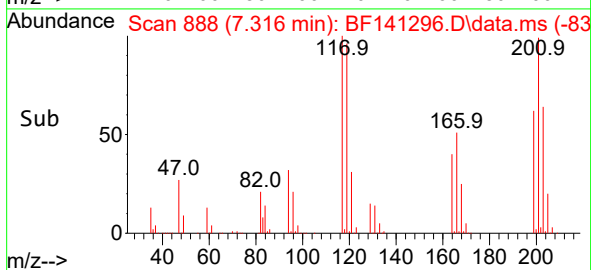
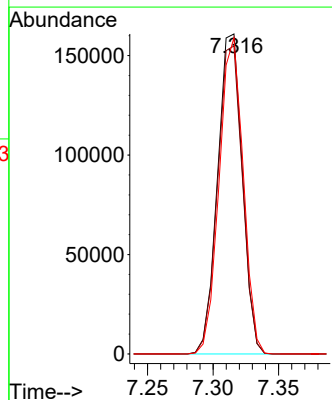
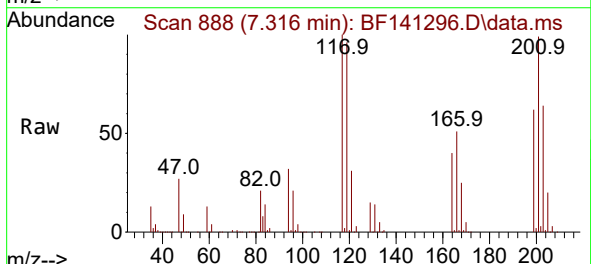
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

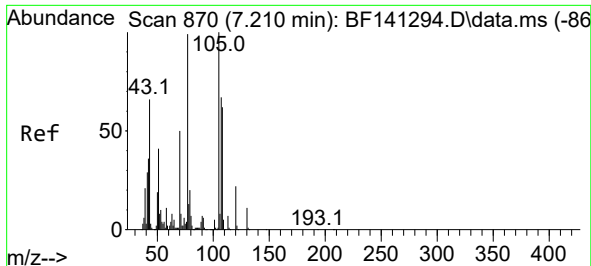
Tgt Ion:107 Resp: 420597  
Ion Ratio Lower Upper  
107 100  
108 113.6 90.8 136.2  
77 46.6 36.2 54.4  
79 46.6 35.7 53.5



#18  
Hexachloroethane  
Concen: 59.001 ng  
RT: 7.316 min Scan# 888  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:117 Resp: 210746  
Ion Ratio Lower Upper  
117 100  
119 96.3 76.6 114.8  
201 98.8 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 57.592 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 355036

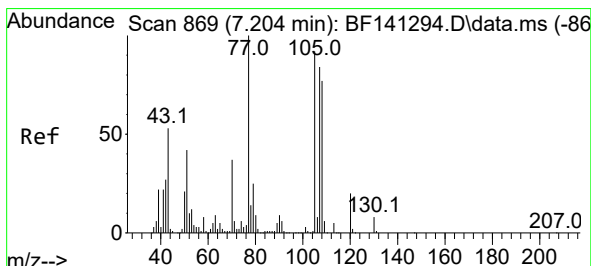
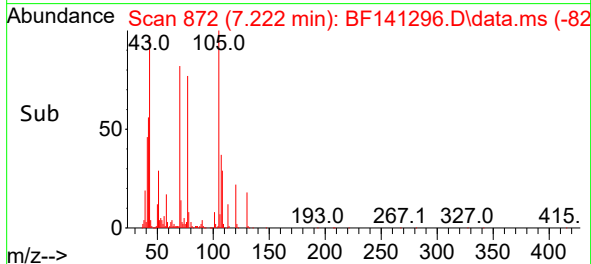
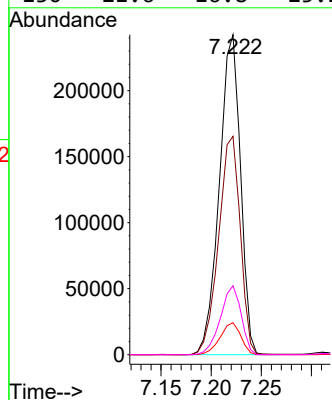
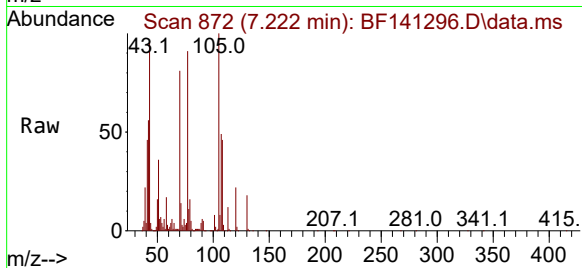
Ion Ratio Lower Upper

70 100

42 68.3 56.8 85.2

101 10.0 7.7 11.5

130 21.6 16.8 25.2



#20

3+4-Methylphenols

Concen: 56.963 ng

RT: 7.210 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Tgt Ion: 107 Resp: 496888

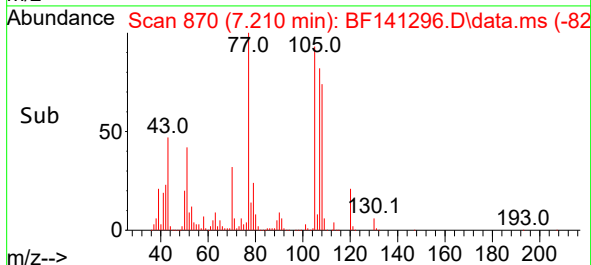
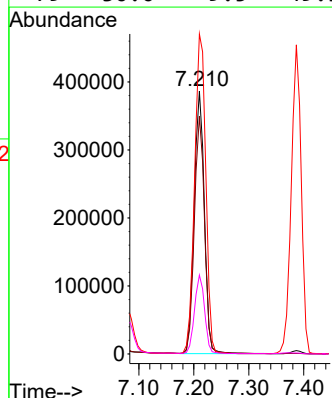
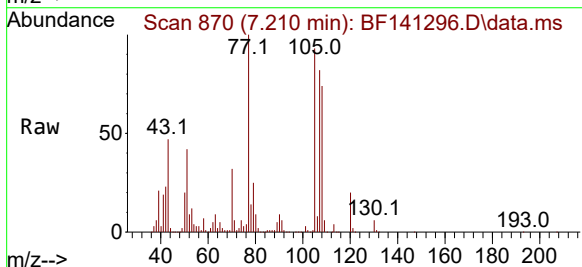
Ion Ratio Lower Upper

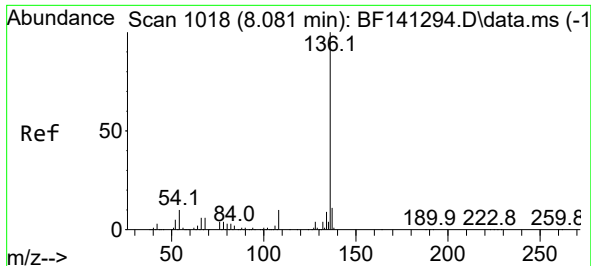
107 100

108 90.4 70.9 110.9

77 121.7 98.5 138.5

79 30.0 9.5 49.5



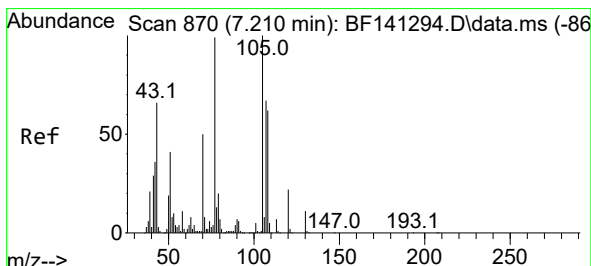
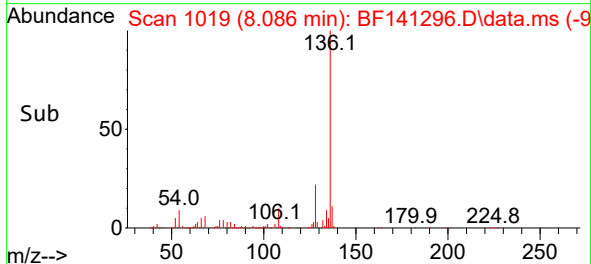
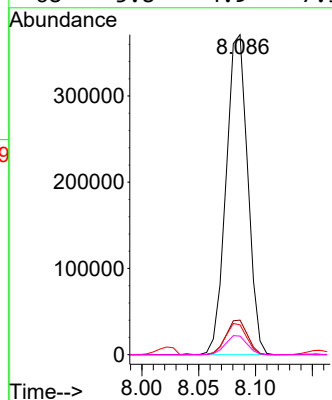
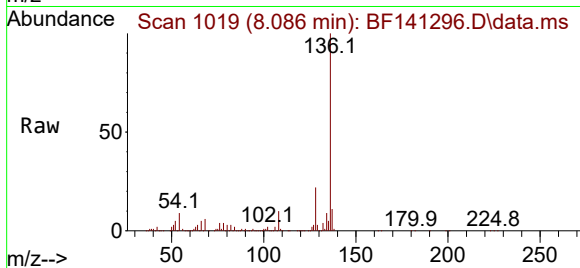


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.086 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:136 Resp: 490777

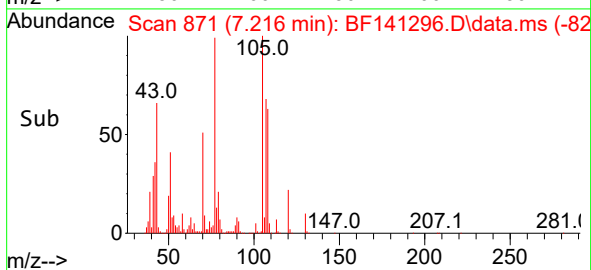
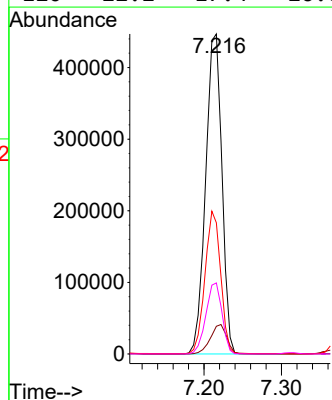
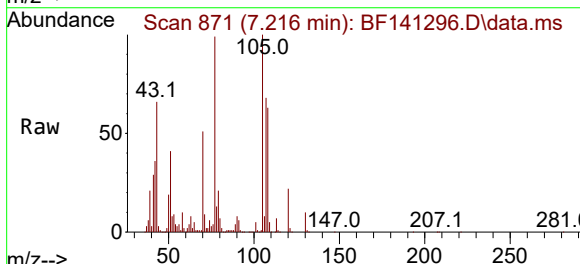
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.6   | 13.0  |
| 54  | 9.3   | 7.8   | 11.8  |
| 68  | 5.8   | 4.9   | 7.3   |

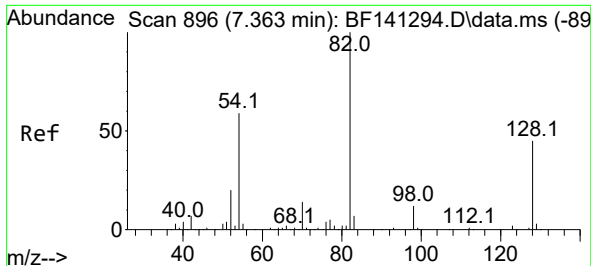


#22  
Acetophenone  
Concen: 55.854 ng  
RT: 7.216 min Scan# 871  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:105 Resp: 651575

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.6   | 6.8   | 10.2  |
| 51  | 41.0  | 32.6  | 49.0  |
| 120 | 22.2  | 17.4  | 26.0  |





#23

Nitrobenzene-d5

Concen: 117.962 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

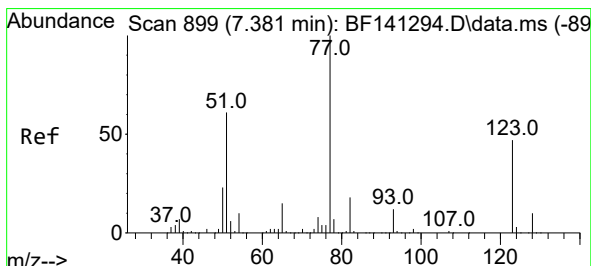
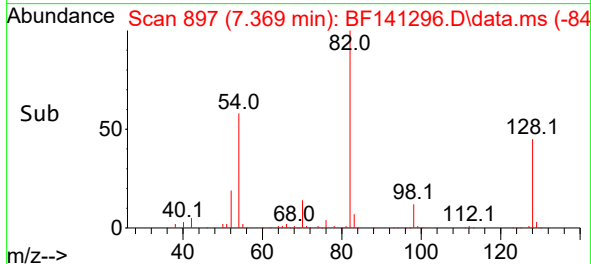
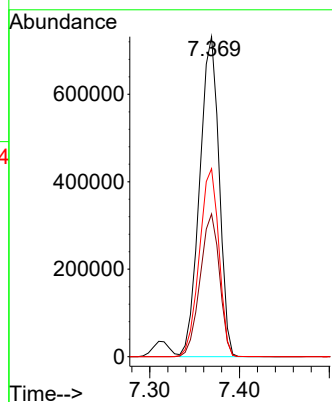
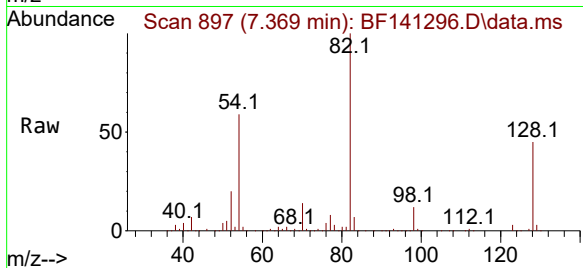
BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1098197

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.6  | 35.7  | 53.5  |
| 54  | 58.7  | 47.1  | 70.7  |



#24

Nitrobenzene

Concen: 59.313 ng

RT: 7.386 min Scan# 900

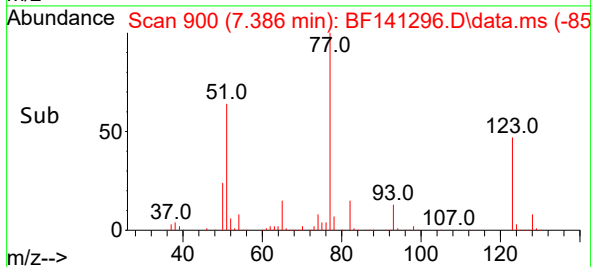
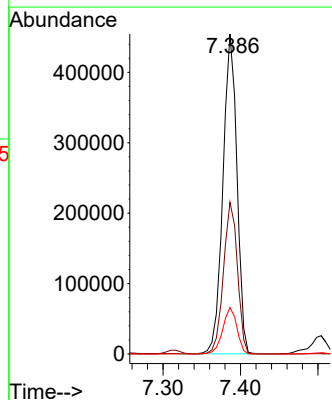
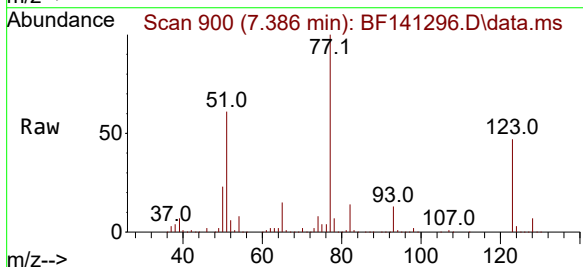
Delta R.T. -0.006 min

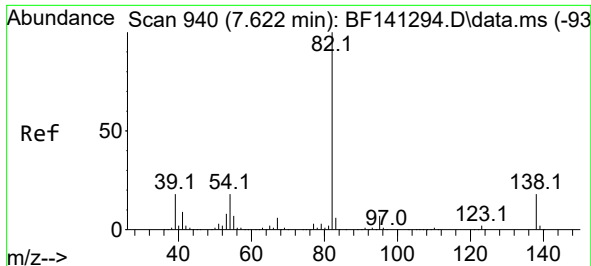
Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Tgt Ion: 77 Resp: 572234

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 47.4  | 37.3  | 55.9  |
| 65  | 14.5  | 11.8  | 17.6  |

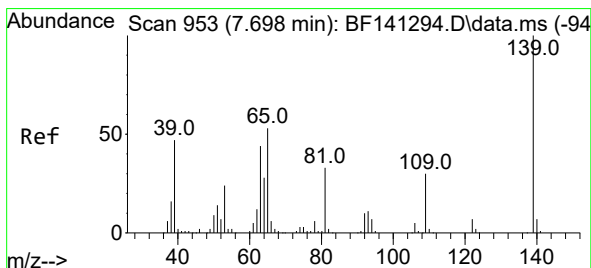
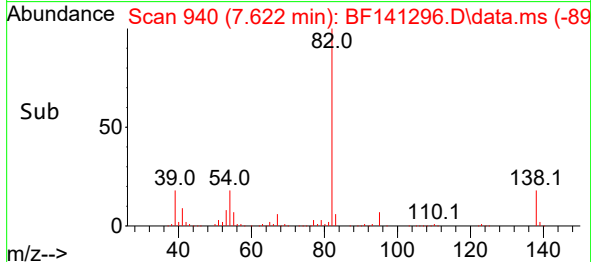
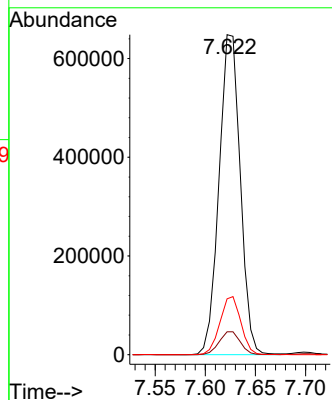
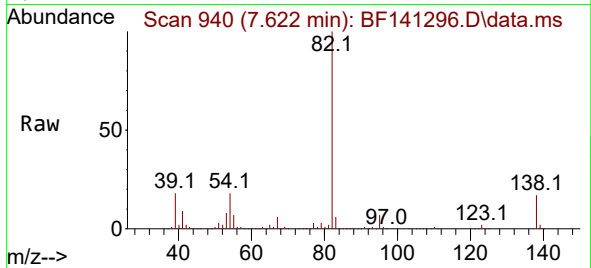




#25  
Isophorone  
Concen: 59.261 ng  
RT: 7.622 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

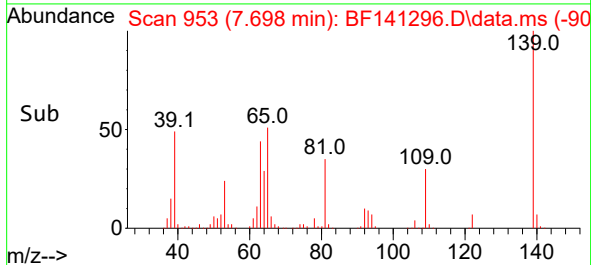
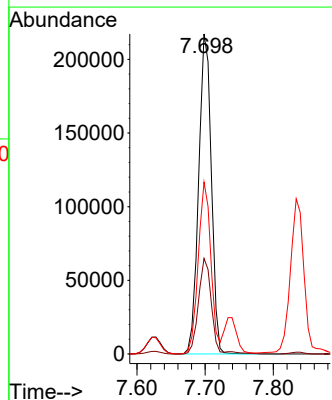
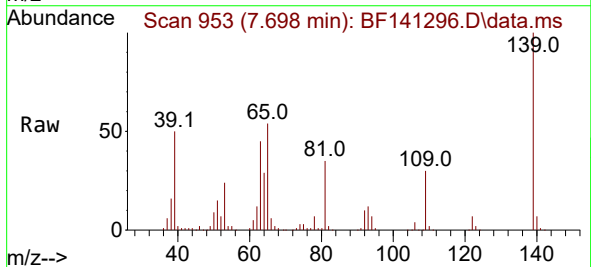
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion: 82 Resp: 953671  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.6  
138 17.5 14.7 22.1

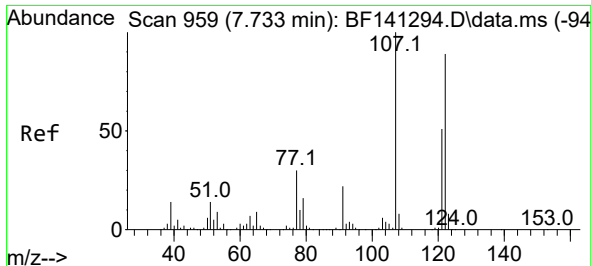


#26  
2-Nitrophenol  
Concen: 61.711 ng  
RT: 7.698 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:139 Resp: 280785  
Ion Ratio Lower Upper  
139 100  
109 29.9 23.8 35.6  
65 53.7 42.2 63.4



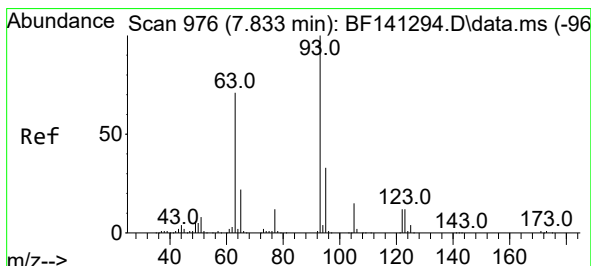
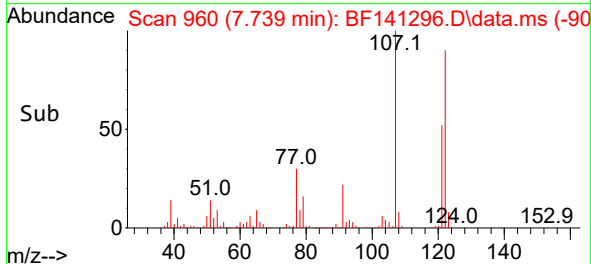
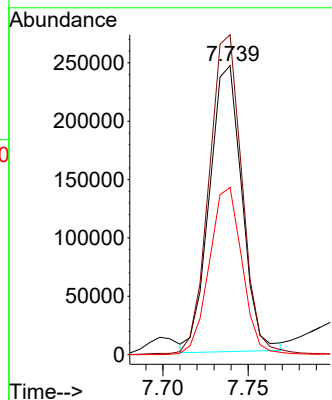
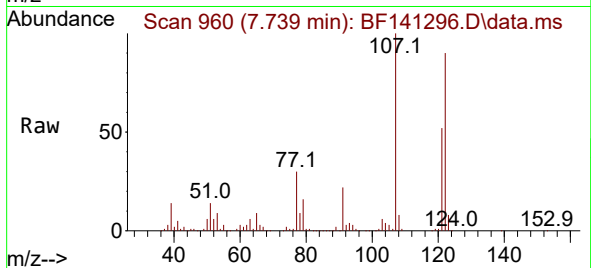




#27  
2,4-Dimethylphenol  
Concen: 56.285 ng  
RT: 7.739 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

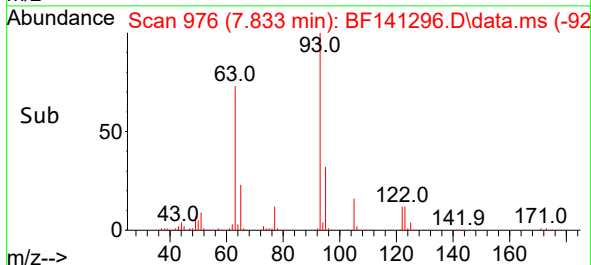
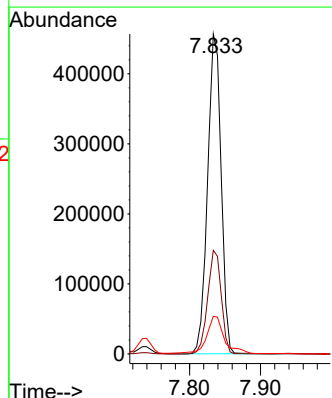
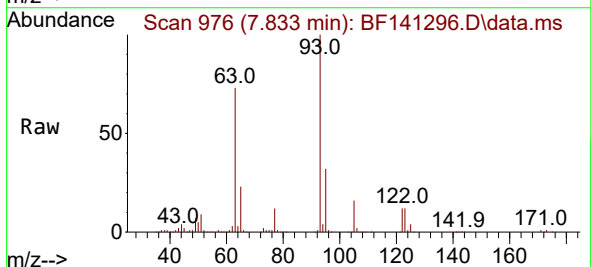
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

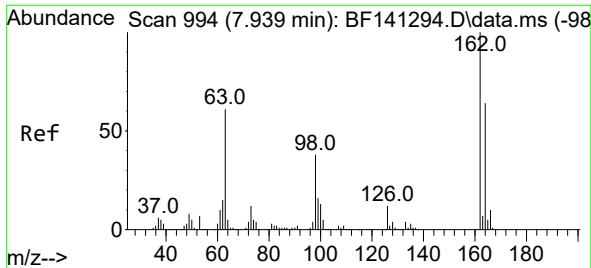
Tgt Ion:122 Resp: 325969  
Ion Ratio Lower Upper  
122 100  
107 110.7 89.9 134.9  
121 57.8 46.1 69.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 59.001 ng  
RT: 7.833 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion: 93 Resp: 605644  
Ion Ratio Lower Upper  
93 100  
95 32.4 26.2 39.2  
123 11.8 10.2 15.4

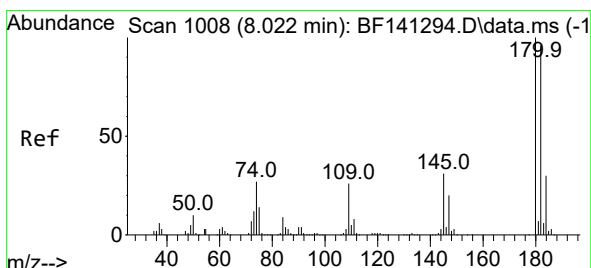
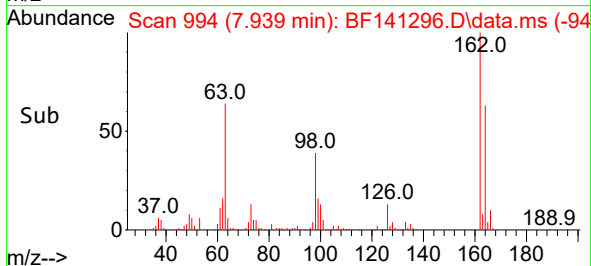
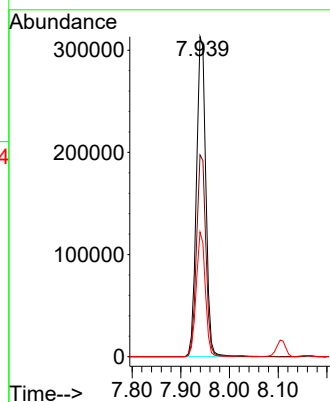
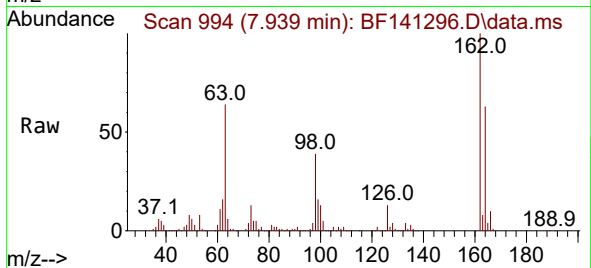




#29  
2,4-Dichlorophenol  
Concen: 59.485 ng  
RT: 7.939 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

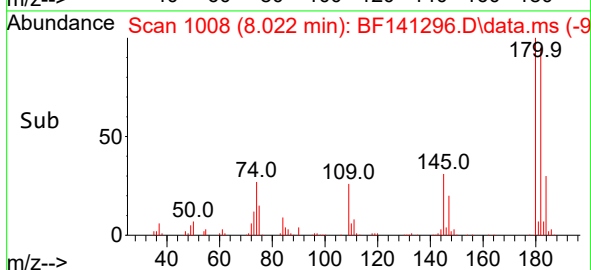
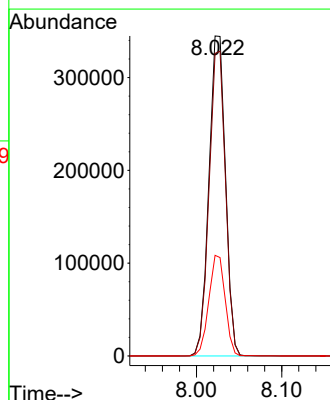
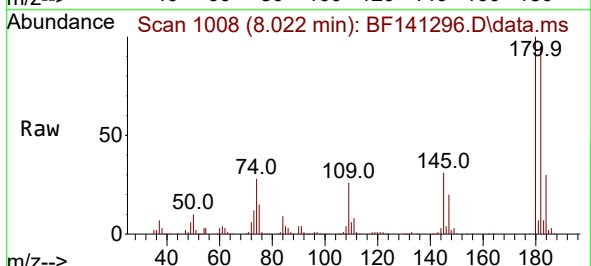
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

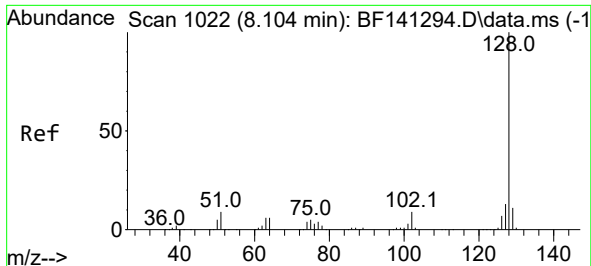
Tgt Ion:162 Resp: 421748  
Ion Ratio Lower Upper  
162 100  
164 63.0 44.2 84.2  
98 38.9 18.2 58.2



#30  
1,2,4-Trichlorobenzene  
Concen: 57.533 ng  
RT: 8.022 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:180 Resp: 465841  
Ion Ratio Lower Upper  
180 100  
182 94.5 76.4 114.6  
145 31.4 24.9 37.3

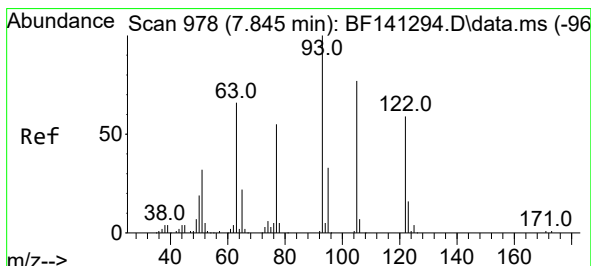
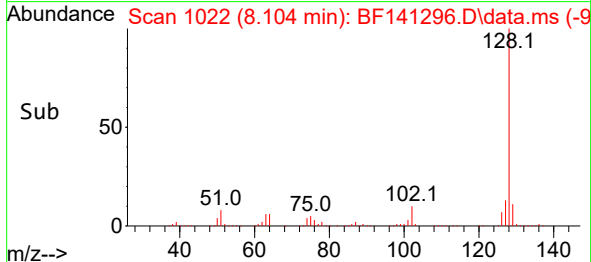
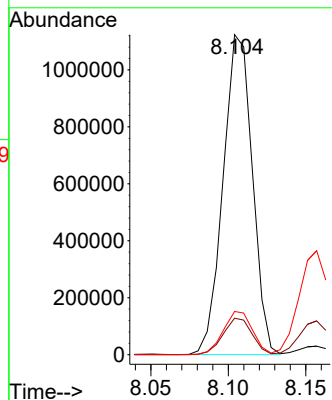
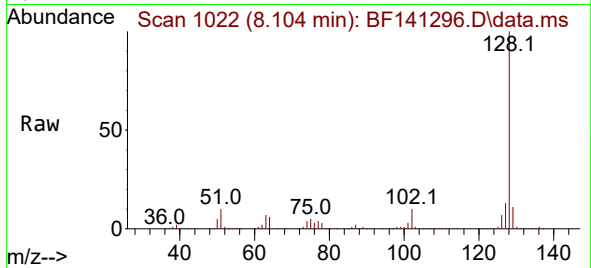




#31  
Naphthalene  
Concen: 56.926 ng  
RT: 8.104 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

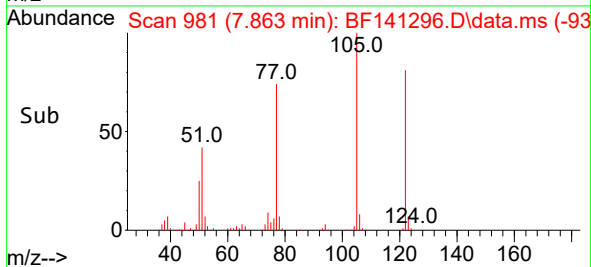
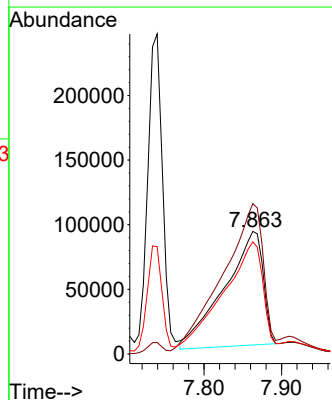
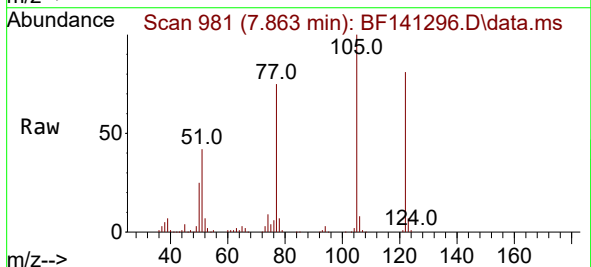
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

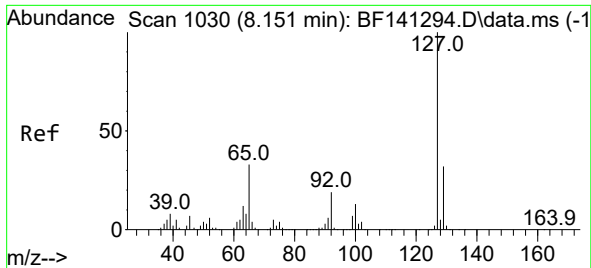
Tgt Ion:128 Resp: 1475900  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.9 13.3  
127 13.5 10.6 15.8



#32  
Benzoic acid  
Concen: 57.408 ng  
RT: 7.863 min Scan# 981  
Delta R.T. -0.018 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:122 Resp: 305638  
Ion Ratio Lower Upper  
122 100  
105 122.7 103.4 143.4  
77 91.6 70.9 110.9

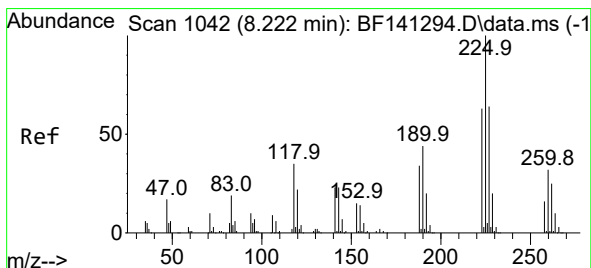
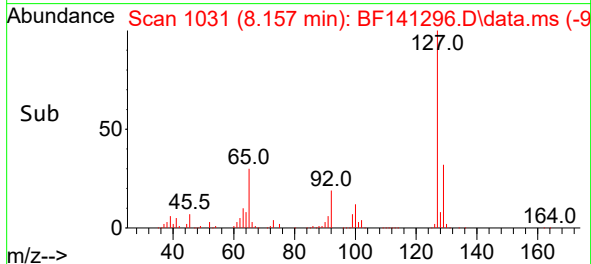
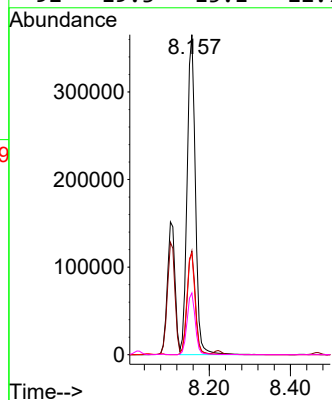
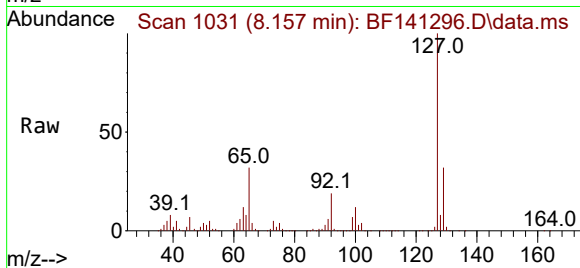




#33  
4-Chloroaniline  
Concen: 58.367 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

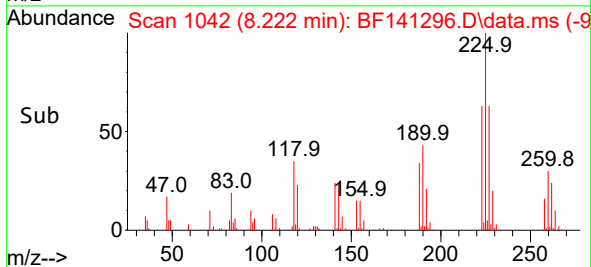
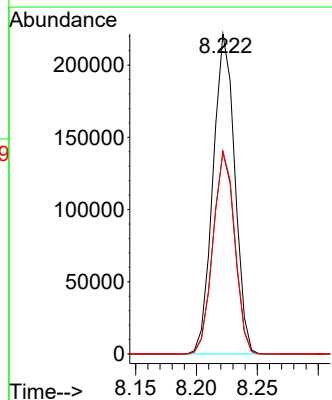
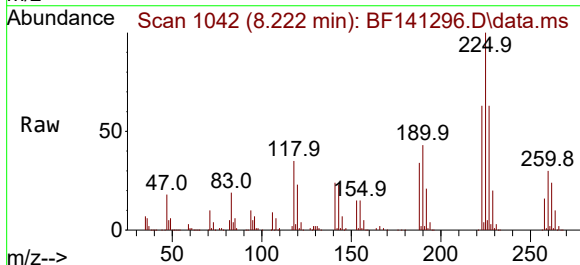
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

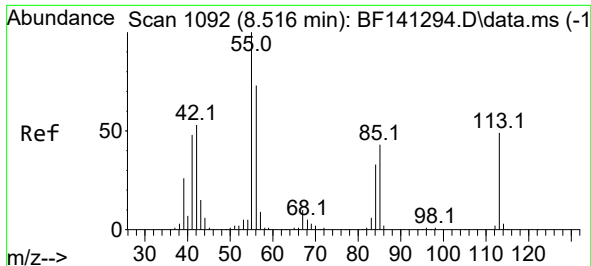
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 513149 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 25.7  | 38.5   |
| 65       | 31.7  | 26.4  | 39.6   |
| 92       | 19.3  | 15.1  | 22.7   |



#34  
Hexachlorobutadiene  
Concen: 58.025 ng  
RT: 8.222 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 275524 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 50.4  | 75.6   |
| 227      | 63.4  | 51.3  | 76.9   |

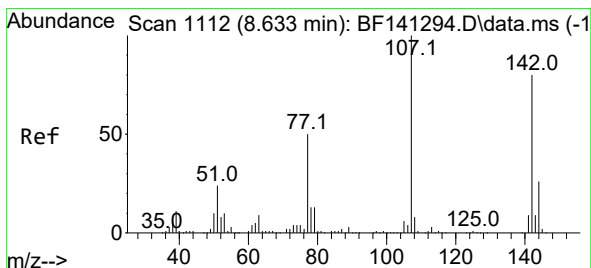
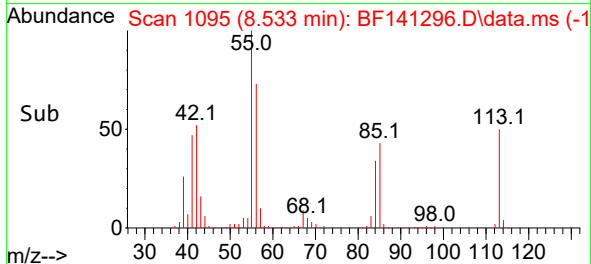
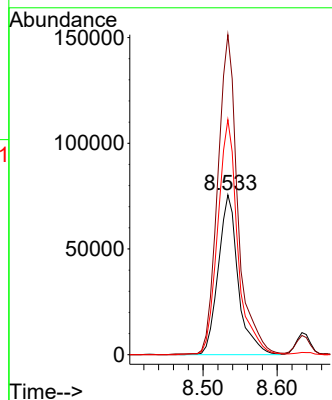
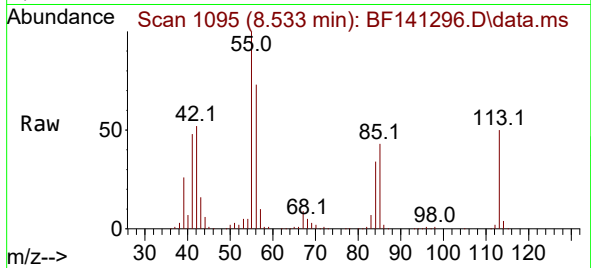




#35  
Caprolactam  
Concen: 60.904 ng  
RT: 8.533 min Scan# 1095  
Delta R.T. -0.012 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

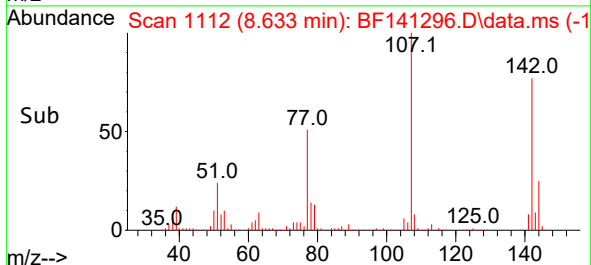
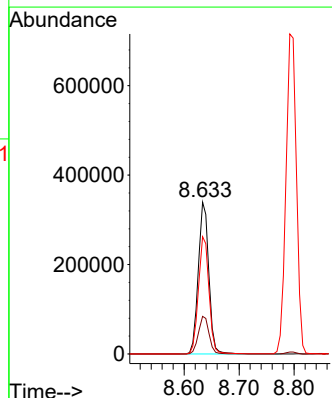
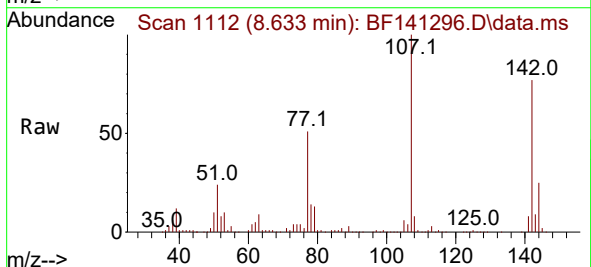
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

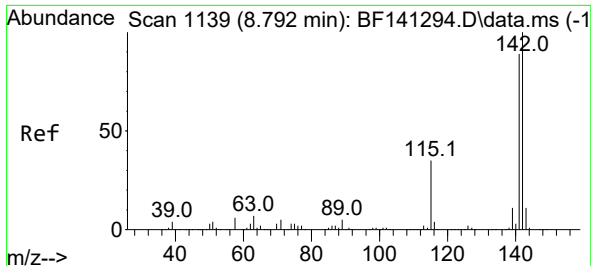
Tgt Ion:113 Resp: 141023  
Ion Ratio Lower Upper  
113 100  
55 200.2 182.9 222.9  
56 147.0 127.9 167.9



#36  
4-Chloro-3-methylphenol  
Concen: 59.492 ng  
RT: 8.633 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:107 Resp: 452438  
Ion Ratio Lower Upper  
107 100  
144 24.8 20.7 31.1  
142 77.2 63.8 95.8

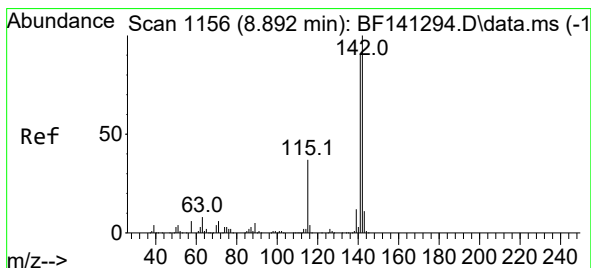
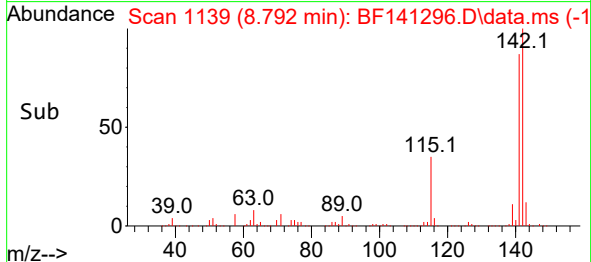
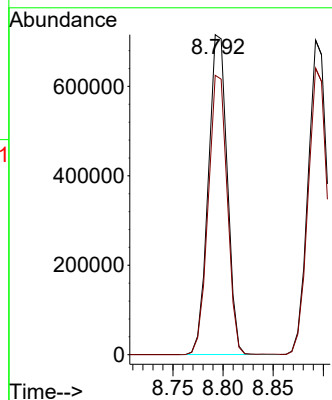
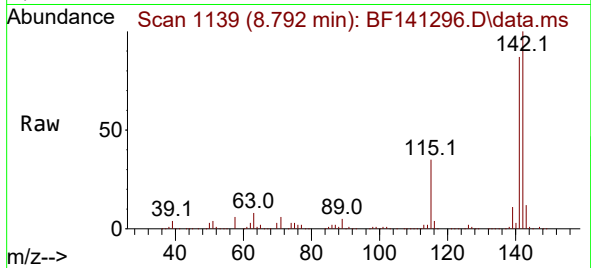




#37  
2-Methylnaphthalene  
Concen: 57.114 ng  
RT: 8.792 min Scan# 1139  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

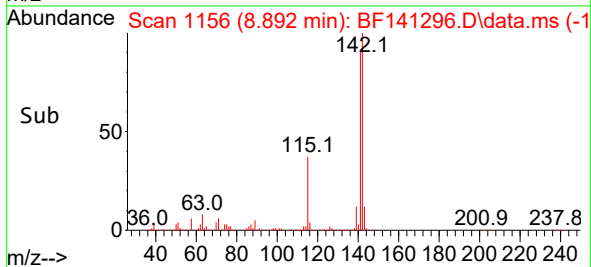
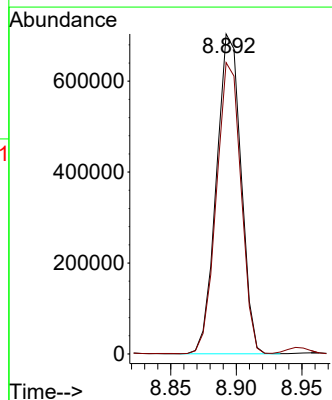
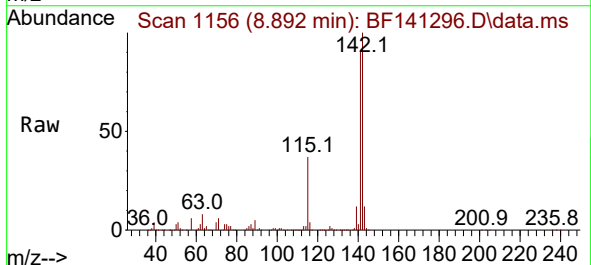
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

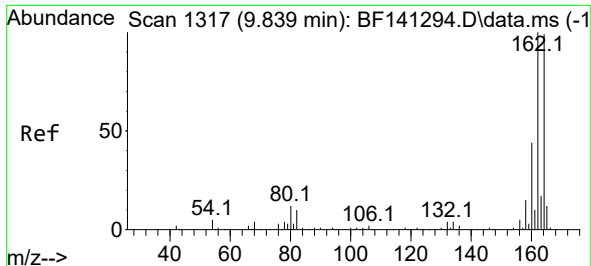
Tgt Ion:142 Resp: 941153  
Ion Ratio Lower Upper  
142 100  
141 87.3 71.3 106.9



#38  
1-Methylnaphthalene  
Concen: 56.675 ng  
RT: 8.892 min Scan# 1156  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:142 Resp: 917389  
Ion Ratio Lower Upper  
142 100  
141 91.1 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

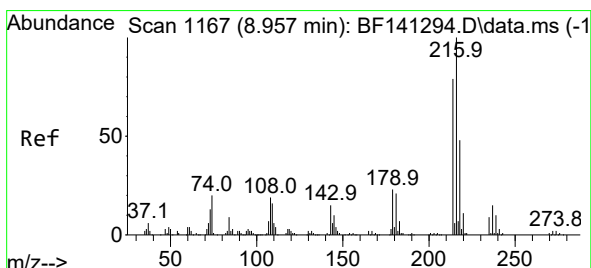
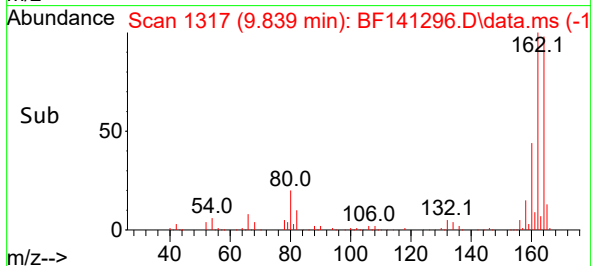
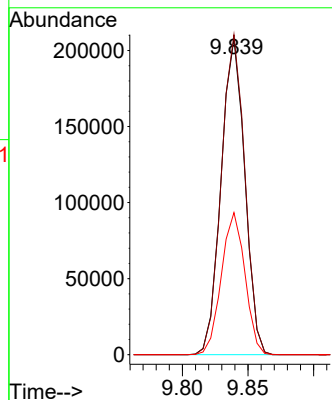
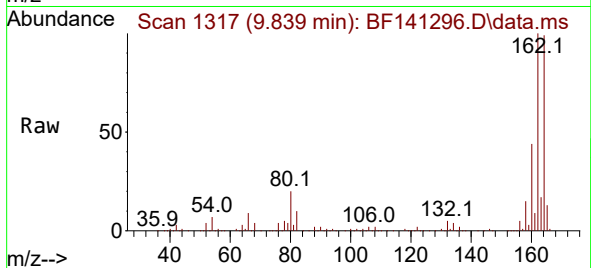
Tgt Ion:164 Resp: 260269

Ion Ratio Lower Upper

164 100

162 101.4 80.6 121.0

160 45.0 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.106 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Tgt Ion:216 Resp: 430239

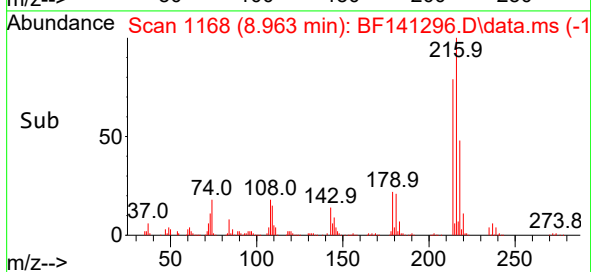
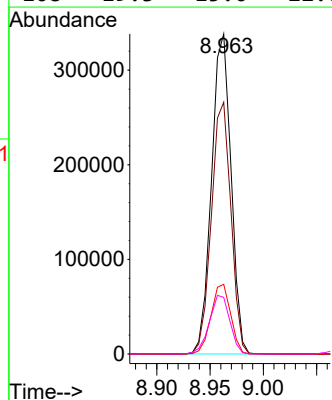
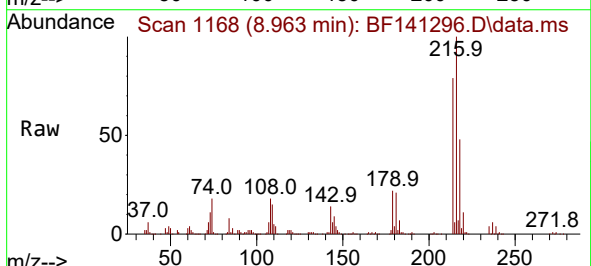
Ion Ratio Lower Upper

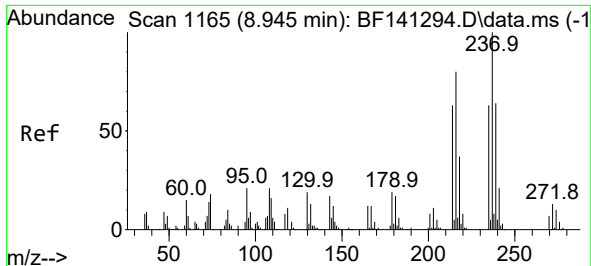
216 100

214 78.9 63.2 94.8

179 22.0 17.8 26.8

108 19.3 15.0 22.6

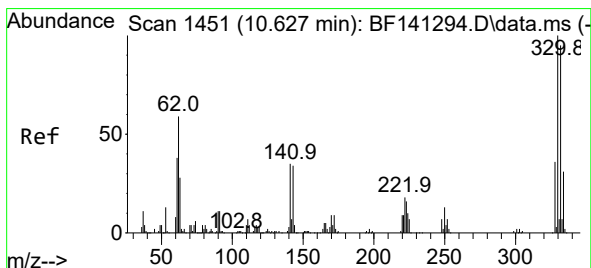
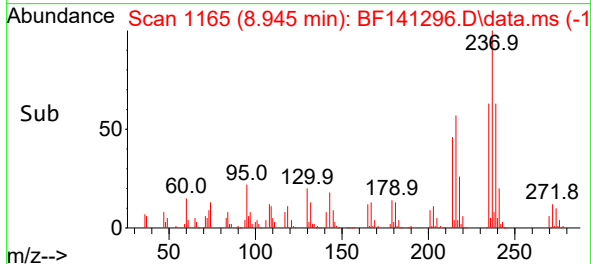
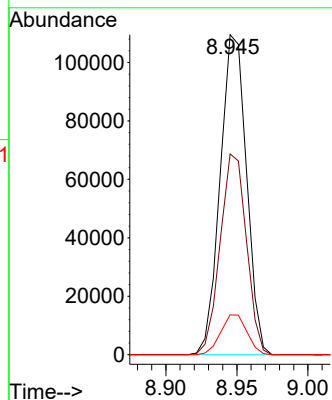
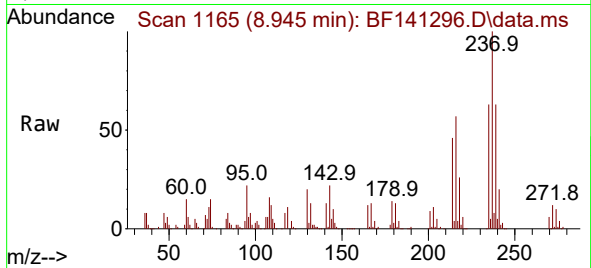




#41  
Hexachlorocyclopentadiene  
Concen: 64.657 ng  
RT: 8.945 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

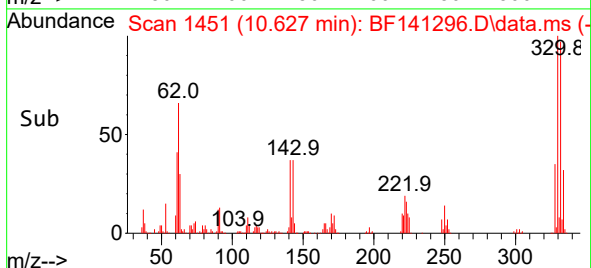
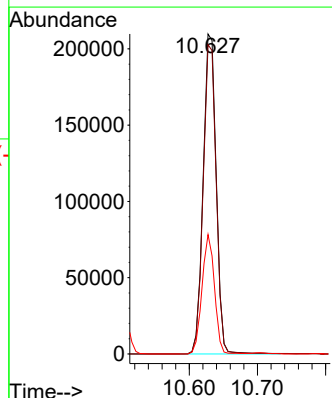
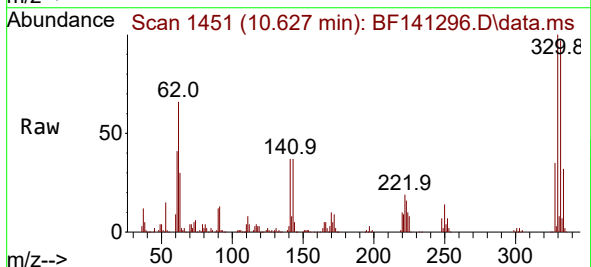
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:237 Resp: 141387  
Ion Ratio Lower Upper  
237 100  
235 62.8 42.9 82.9  
272 12.5 0.0 32.8

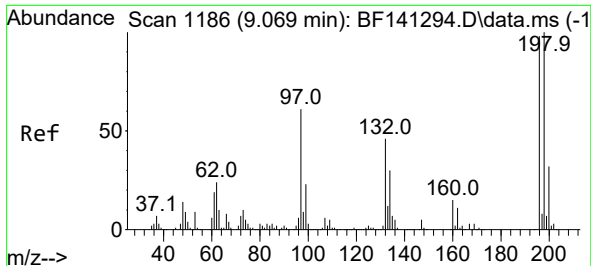


#42  
2,4,6-Tribromophenol  
Concen: 116.973 ng  
RT: 10.627 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:330 Resp: 279105  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.1 114.1  
141 35.8 28.8 43.2



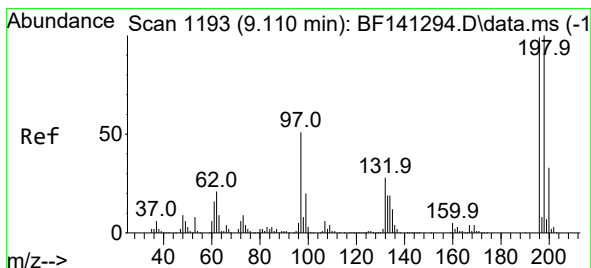
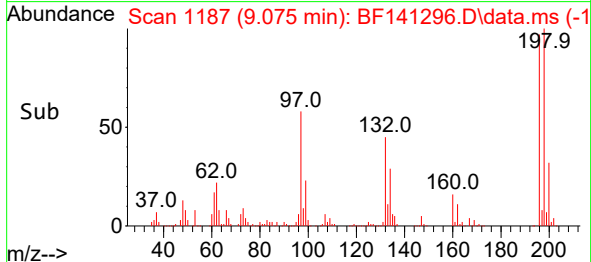
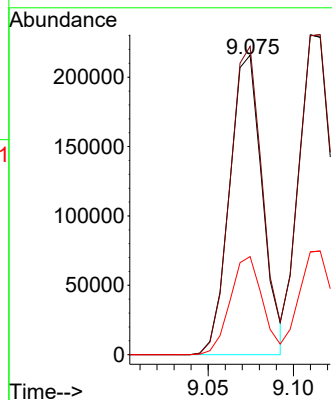
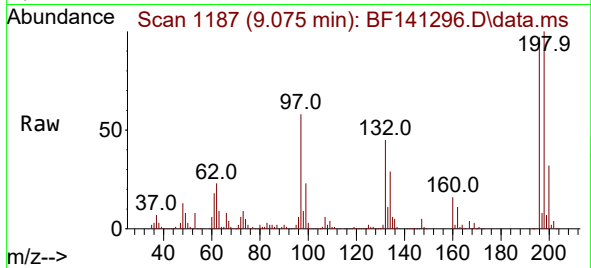




#43  
 2,4,6-Trichlorophenol  
 Concen: 59.485 ng  
 RT: 9.075 min Scan# 1186  
 Delta R.T. -0.000 min  
 Lab File: BF141296.D  
 Acq: 29 Jan 2025 16:38

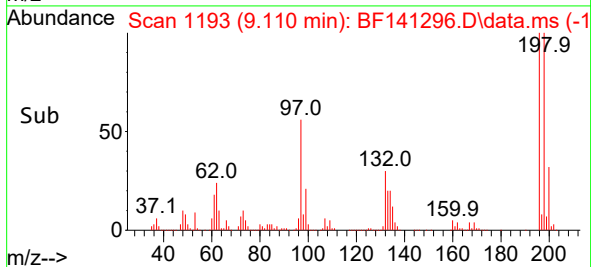
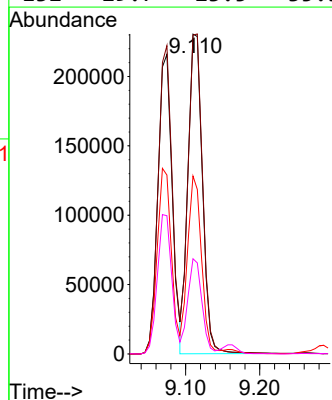
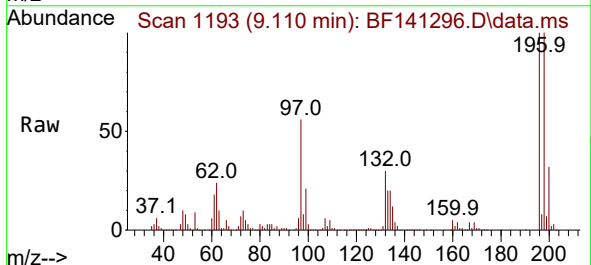
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

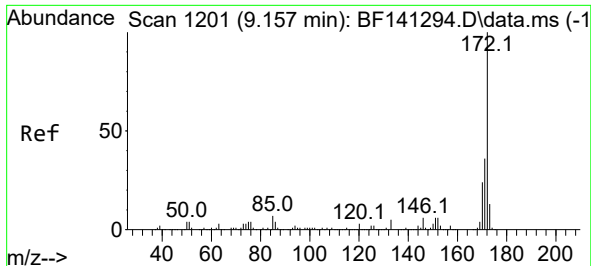
Tgt Ion:196 Resp: 288290  
 Ion Ratio Lower Upper  
 196 100  
 198 102.9 81.8 122.6  
 200 32.7 26.3 39.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 59.702 ng  
 RT: 9.110 min Scan# 1193  
 Delta R.T. -0.006 min  
 Lab File: BF141296.D  
 Acq: 29 Jan 2025 16:38

Tgt Ion:196 Resp: 314912  
 Ion Ratio Lower Upper  
 196 100  
 198 99.7 80.5 120.7  
 97 55.7 42.8 64.2  
 132 29.7 23.5 35.3

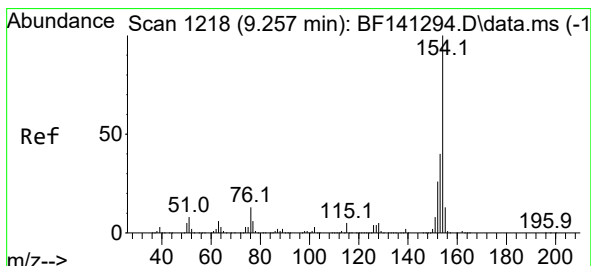
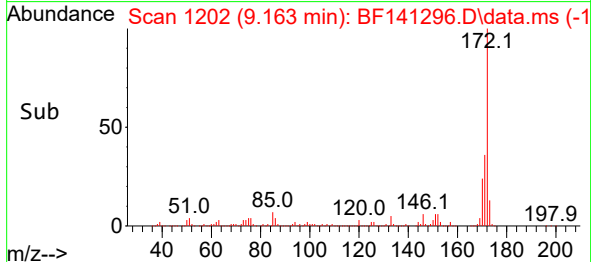
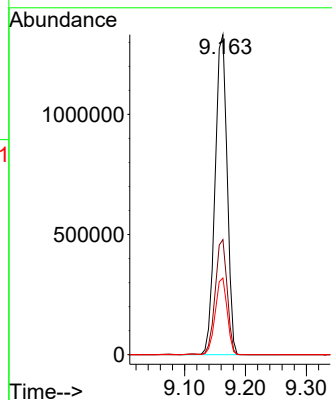
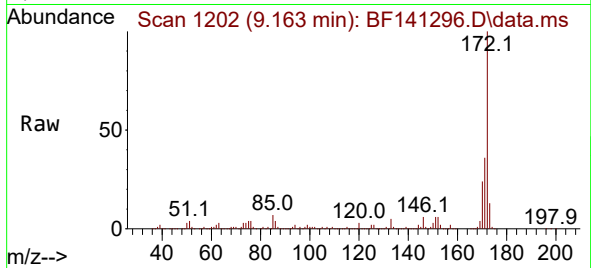




#45  
2-Fluorobiphenyl  
Concen: 107.891 ng  
RT: 9.163 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

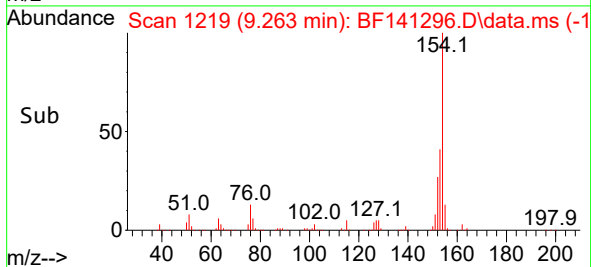
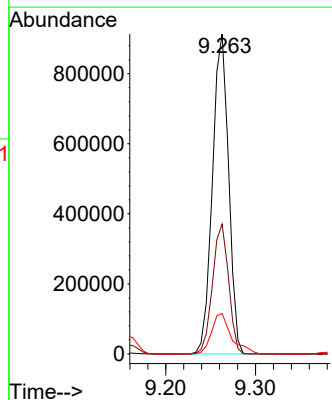
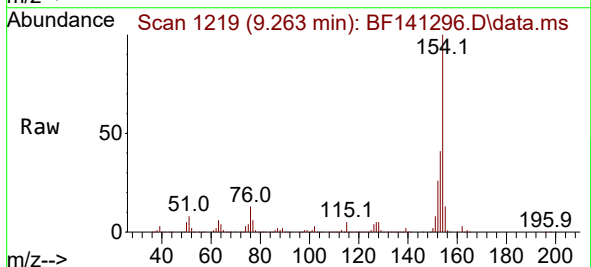
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

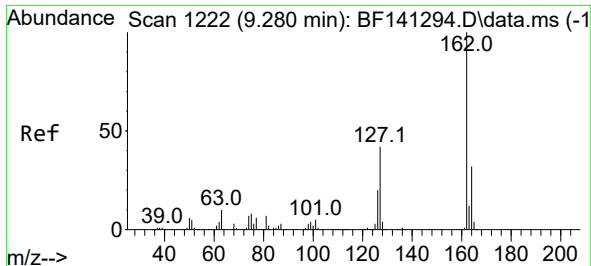
Tgt Ion:172 Resp: 1824372  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.8 43.2  
170 24.0 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 56.161 ng  
RT: 9.263 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:154 Resp: 1139946  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.0 60.0  
76 12.7 0.0 32.8

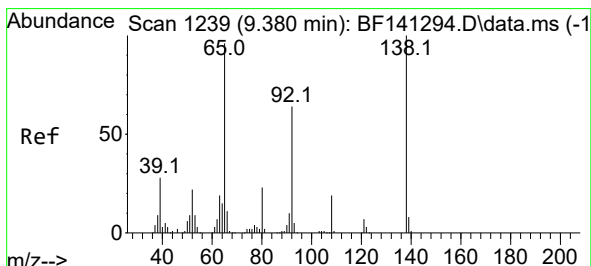
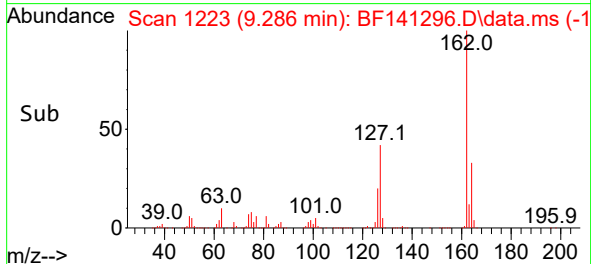
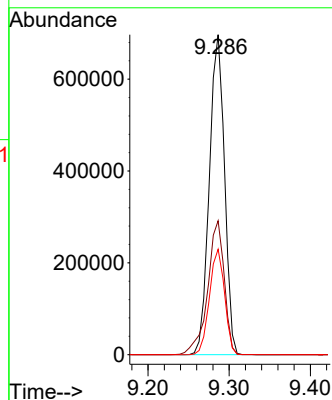
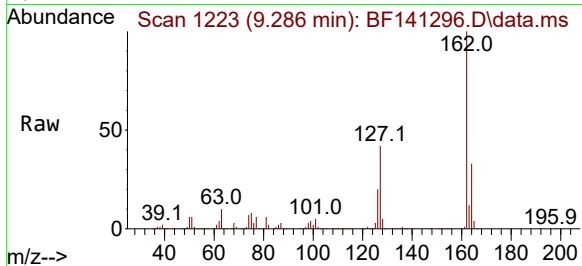




#47  
2-Chloronaphthalene  
Concen: 57.048 ng  
RT: 9.286 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

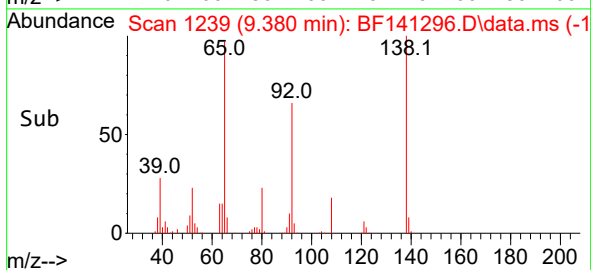
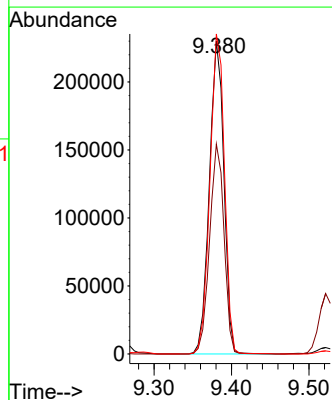
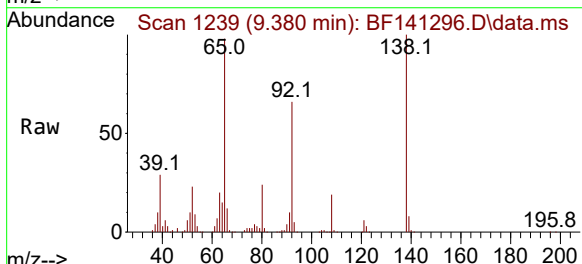
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

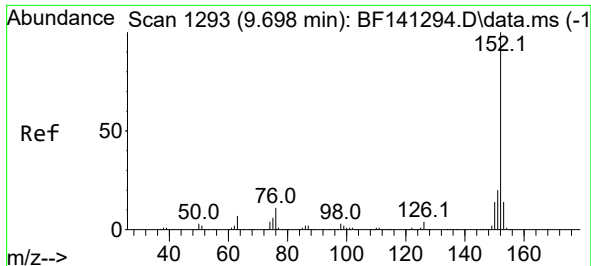
Tgt Ion:162 Resp: 902561  
Ion Ratio Lower Upper  
162 100  
127 41.8 33.7 50.5  
164 33.0 25.9 38.9



#48  
2-Nitroaniline  
Concen: 60.353 ng  
RT: 9.380 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion: 65 Resp: 300339  
Ion Ratio Lower Upper  
65 100  
92 67.1 53.3 79.9  
138 102.3 83.6 125.4





#49

Acenaphthylene

Concen: 56.836 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

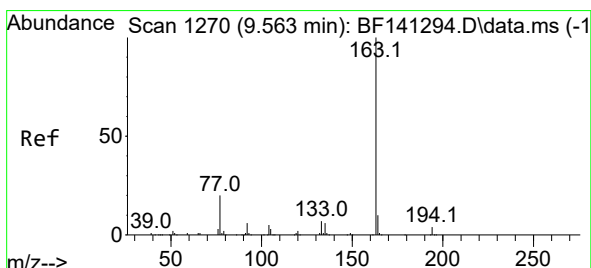
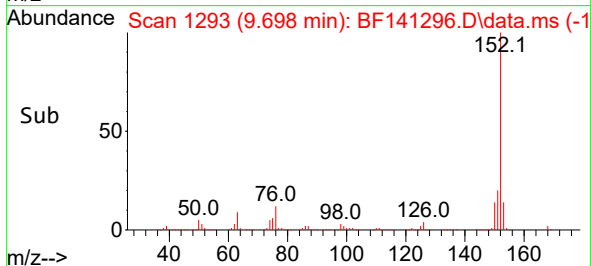
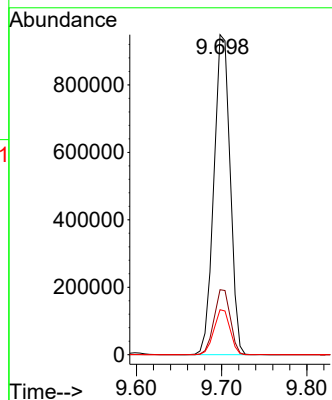
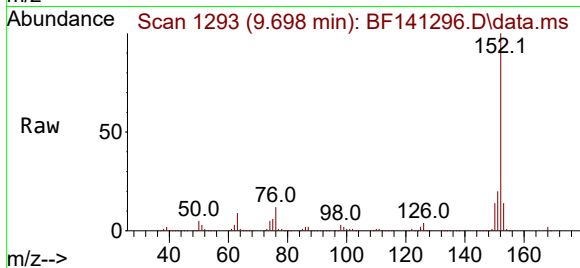
Tgt Ion:152 Resp: 1258733

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 14.1 11.0 16.6



#50

Dimethylphthalate

Concen: 57.587 ng

RT: 9.569 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

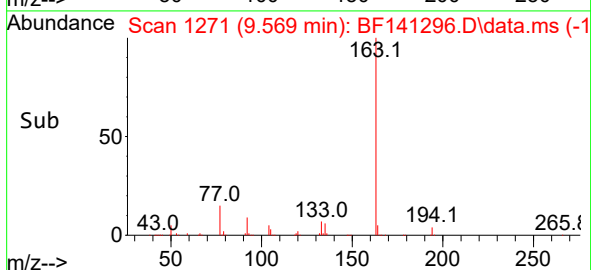
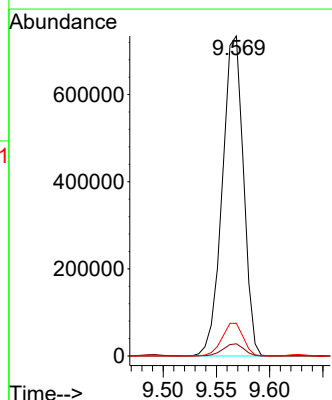
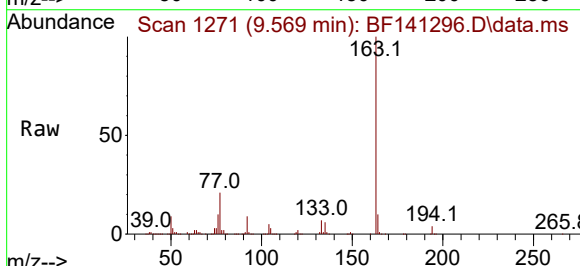
Tgt Ion:163 Resp: 1012298

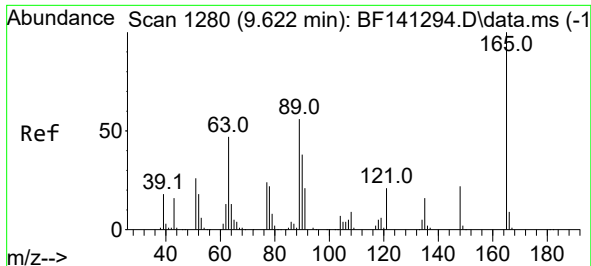
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.2 8.0 12.0

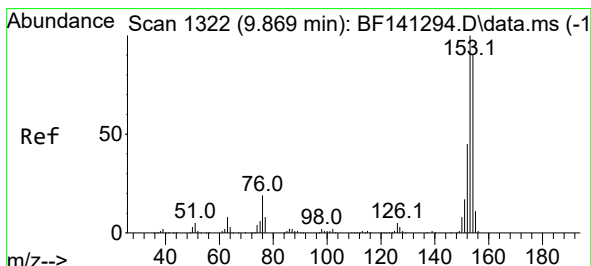
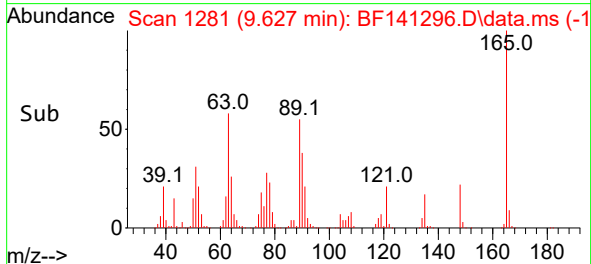
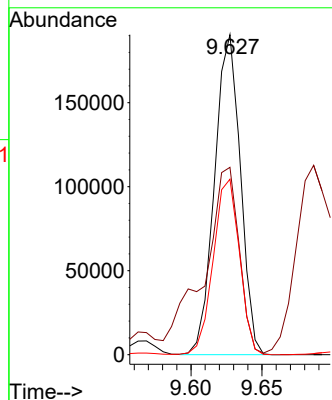
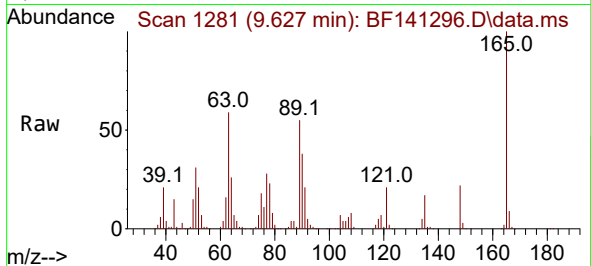




#51  
2,6-Dinitrotoluene  
Concen: 59.106 ng  
RT: 9.627 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

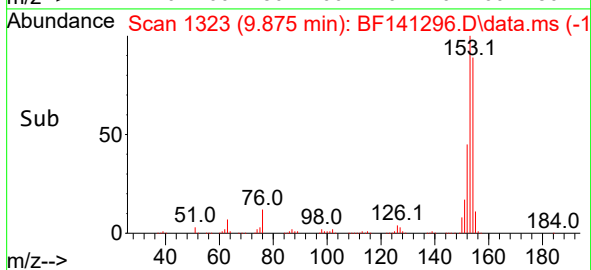
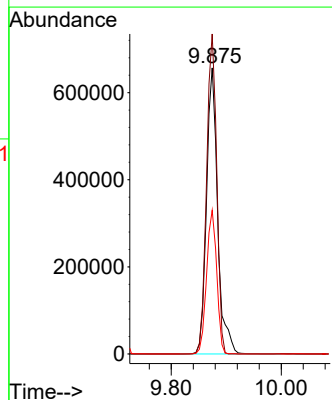
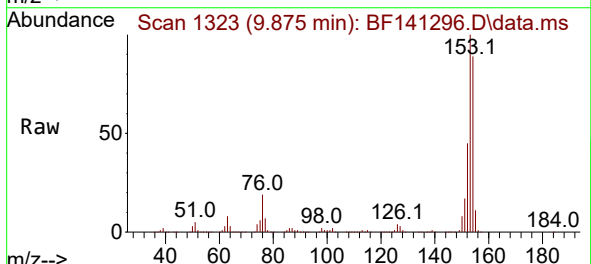
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

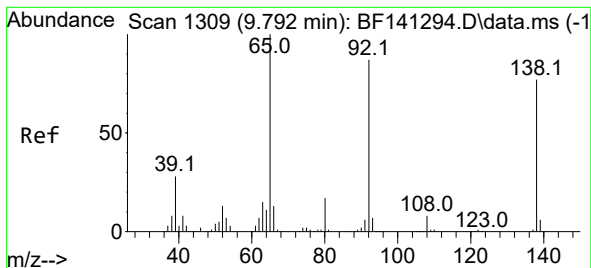
Tgt Ion:165 Resp: 241241  
Ion Ratio Lower Upper  
165 100  
63 58.5 48.1 72.1  
89 54.8 44.9 67.3



#52  
Acenaphthene  
Concen: 58.244 ng  
RT: 9.875 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:154 Resp: 921519  
Ion Ratio Lower Upper  
154 100  
153 111.8 89.0 133.4  
152 50.2 40.2 60.4





#53

3-Nitroaniline

Concen: 58.165 ng

RT: 9.792 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

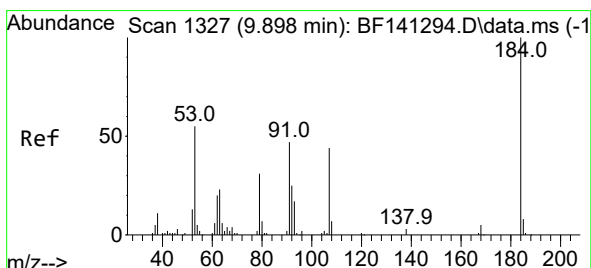
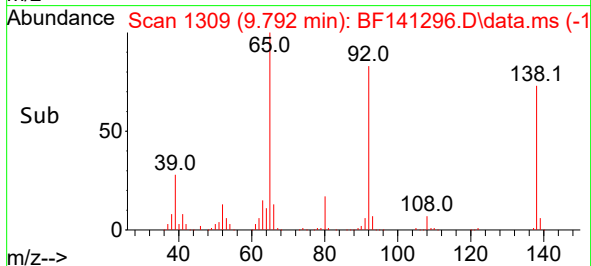
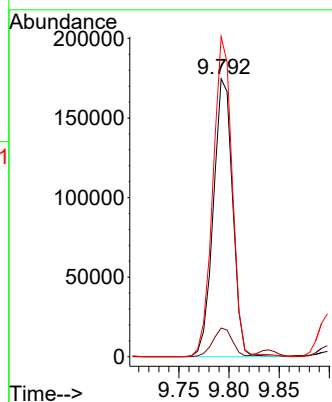
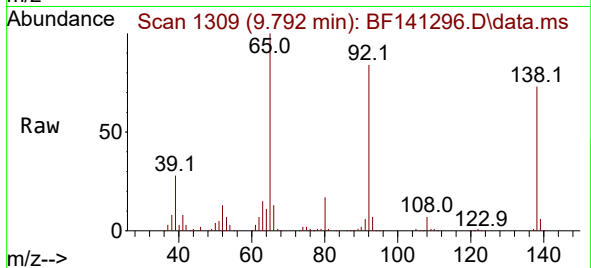
Tgt Ion:138 Resp: 232680

Ion Ratio Lower Upper

138 100

108 10.3 8.6 12.8

92 115.2 91.0 136.6



#54

2,4-Dinitrophenol

Concen: 69.701 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

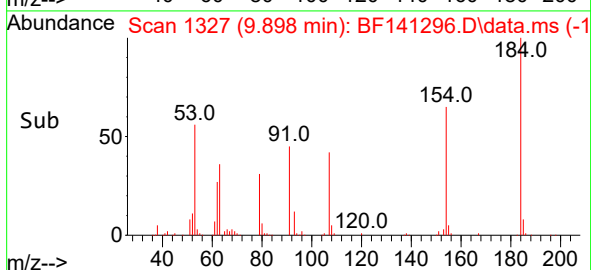
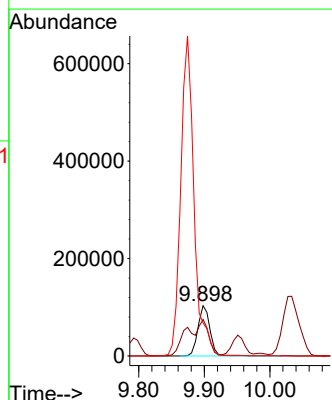
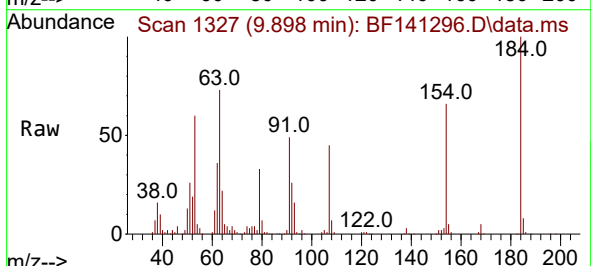
Tgt Ion:184 Resp: 132244

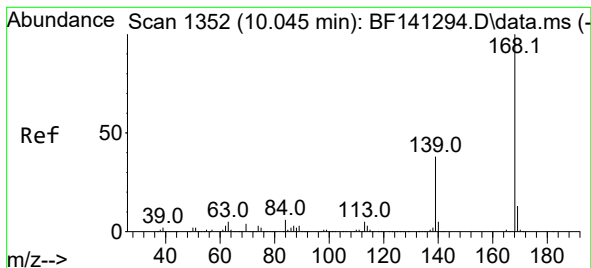
Ion Ratio Lower Upper

184 100

63 72.8 54.1 81.1

154 65.5 50.7 76.1





#55

Dibenzenofuran

Concen: 56.758 ng

RT: 10.045 min Scan# 1352

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

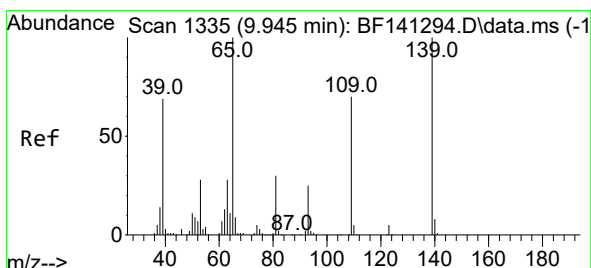
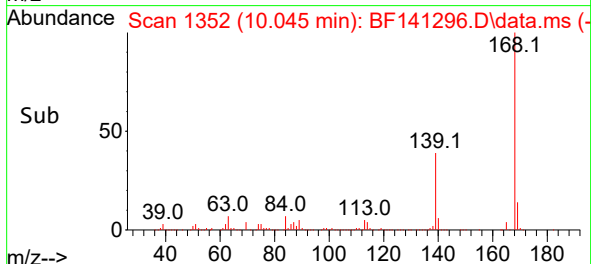
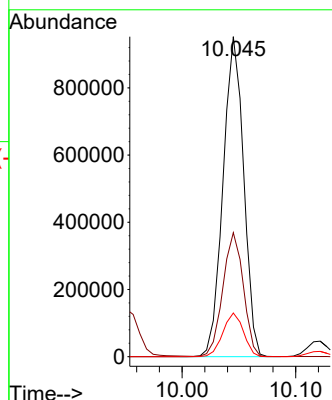
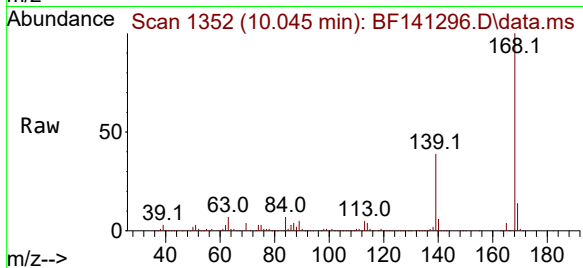
Tgt Ion:168 Resp: 1202027

Ion Ratio Lower Upper

168 100

139 38.8 30.6 46.0

169 13.7 10.8 16.2



#56

4-Nitrophenol

Concen: 65.156 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

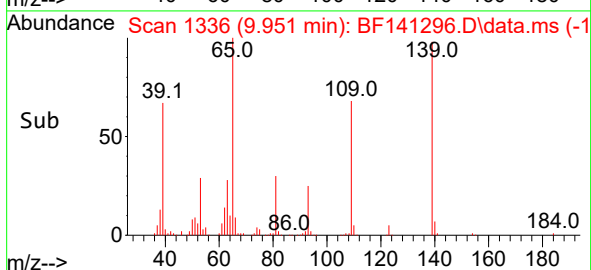
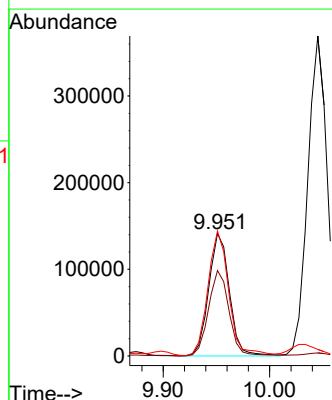
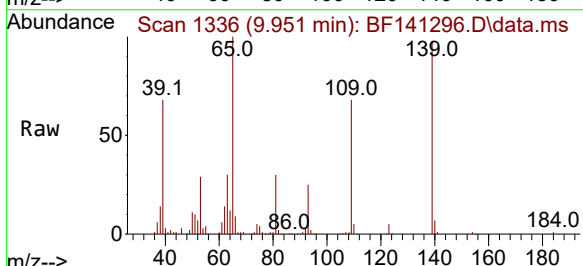
Tgt Ion:139 Resp: 190620

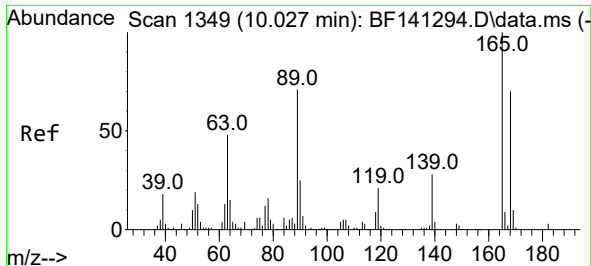
Ion Ratio Lower Upper

139 100

109 69.8 50.2 90.2

65 102.1 80.6 120.6

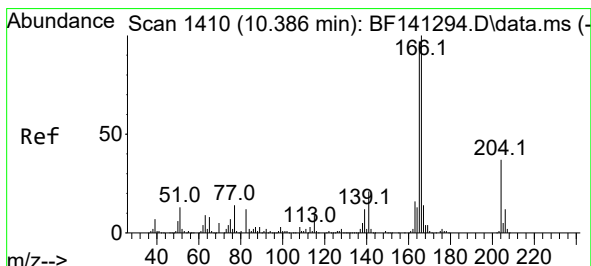
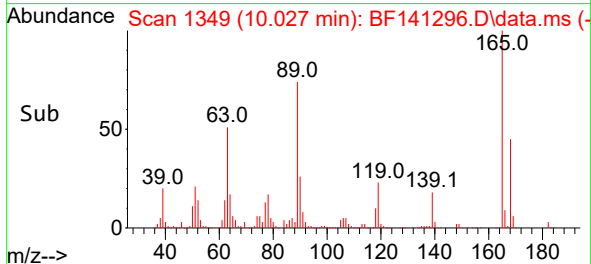
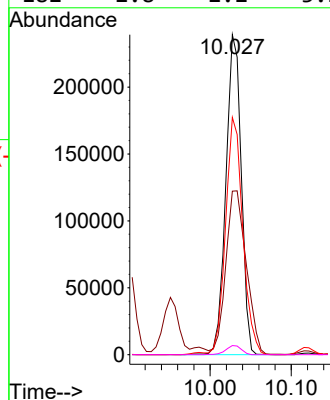
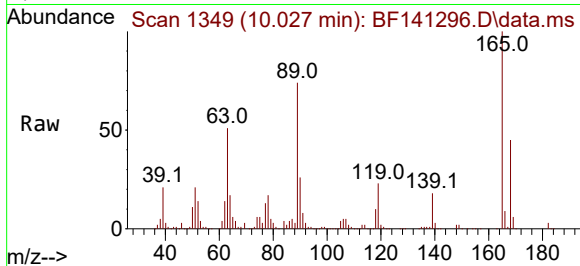




#57  
2,4-Dinitrotoluene  
Concen: 59.651 ng  
RT: 10.027 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

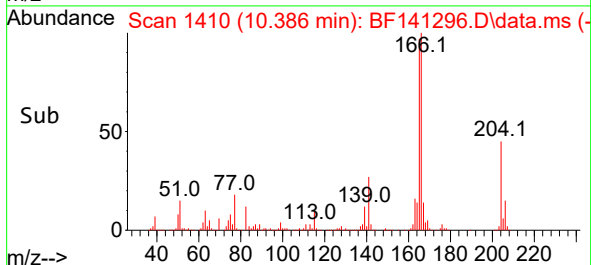
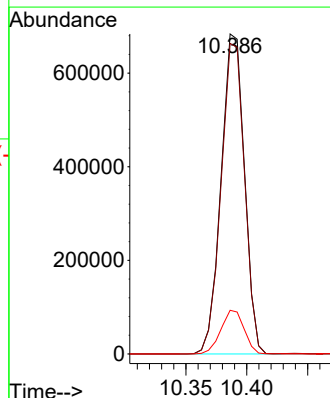
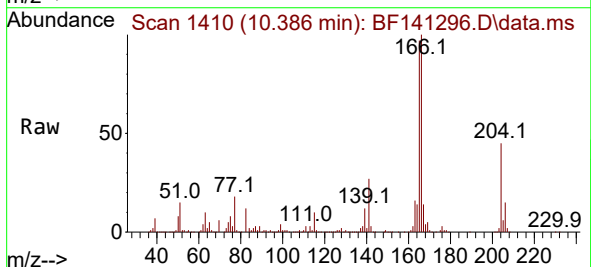
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:165 Resp: 315221  
Ion Ratio Lower Upper  
165 100  
63 51.1 39.2 58.8  
89 74.2 56.9 85.3  
182 2.8 2.2 3.2

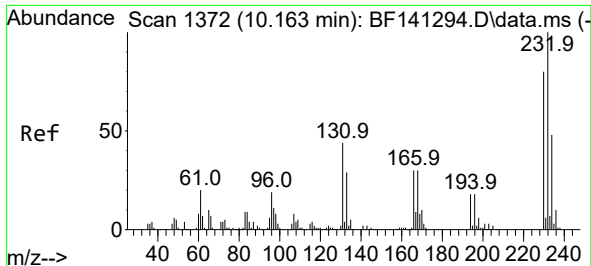


#58  
Fluorene  
Concen: 55.715 ng  
RT: 10.386 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:166 Resp: 915246  
Ion Ratio Lower Upper  
166 100  
165 97.1 77.5 116.3  
167 13.6 10.9 16.3



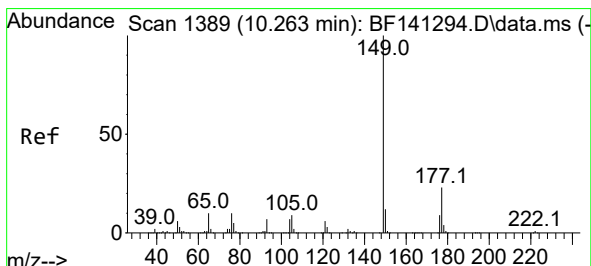
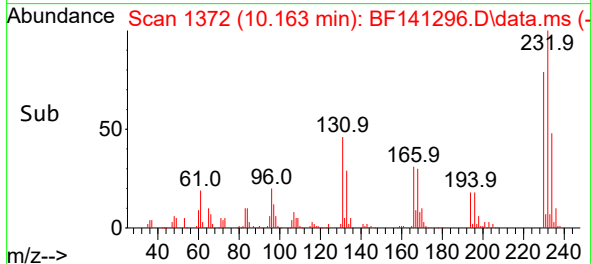
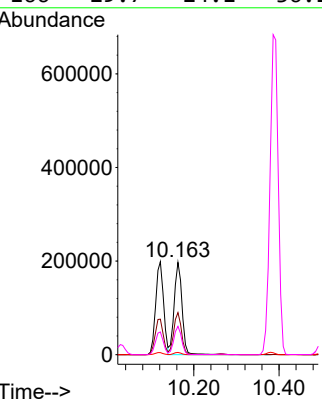
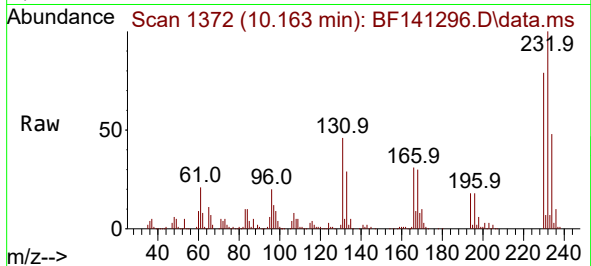




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 60.959 ng  
RT: 10.163 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

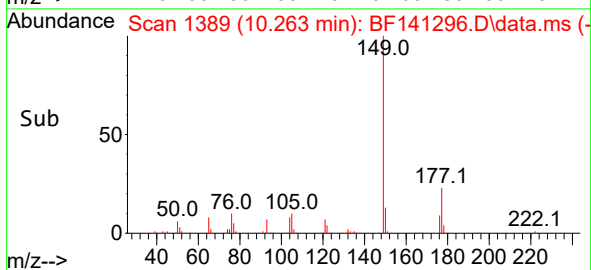
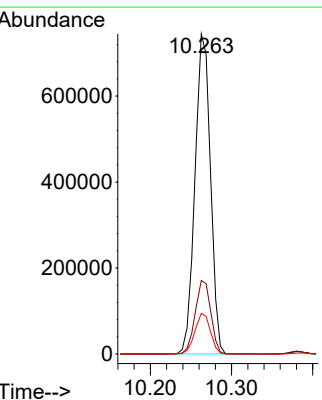
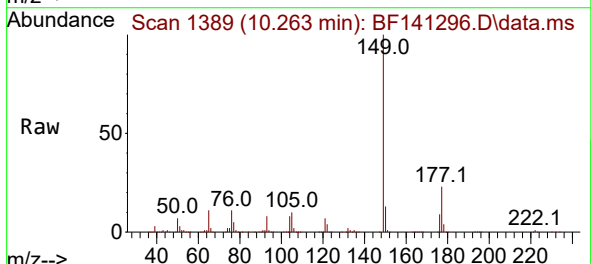
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

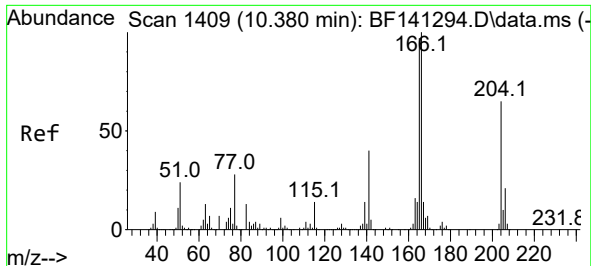
Tgt Ion:232 Resp: 252964  
Ion Ratio Lower Upper  
232 100  
131 45.3 36.4 54.6  
130 2.3 1.9 2.9  
166 29.7 24.1 36.1



#60  
Diethylphthalate  
Concen: 57.719 ng  
RT: 10.263 min Scan# 1389  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 983788  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.5 27.7  
150 12.7 10.0 15.0

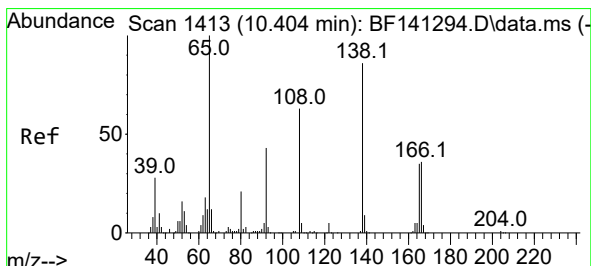
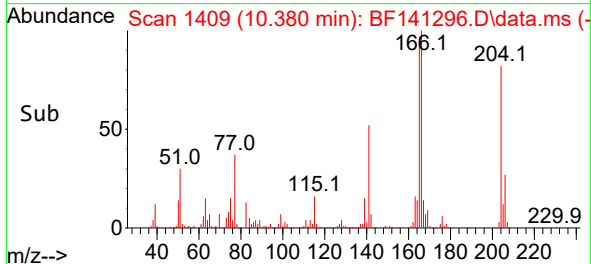
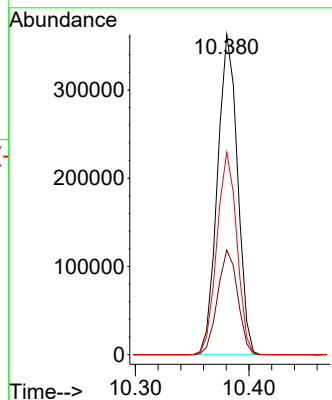
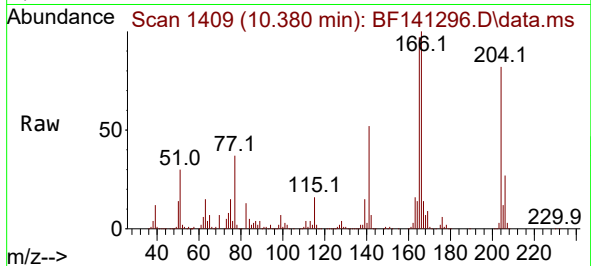




#61  
4-Chlorophenyl-phenylether  
Concen: 55.561 ng  
RT: 10.380 min Scan# 1409  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

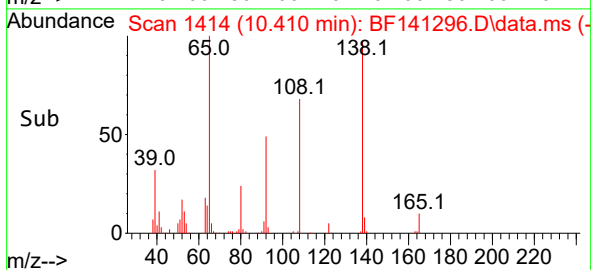
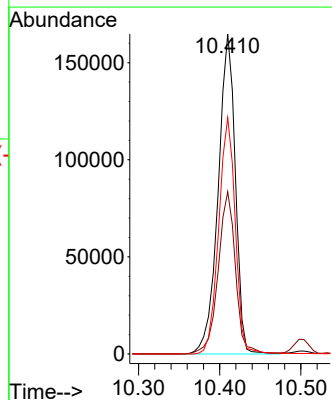
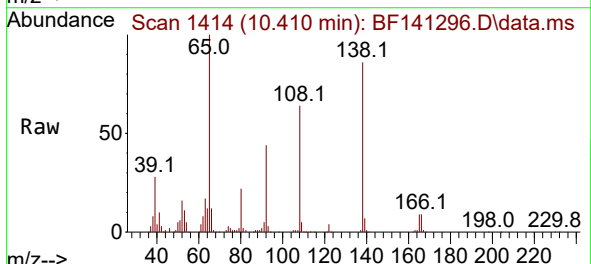
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

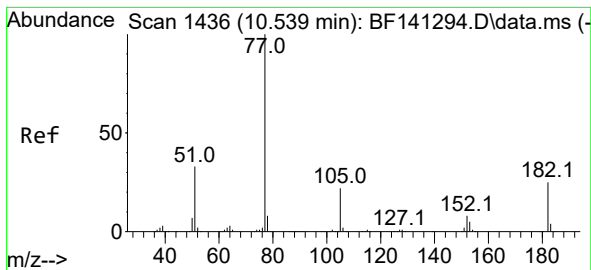
Tgt Ion:204 Resp: 445841  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.9 38.9  
141 63.2 49.5 74.3



#62  
4-Nitroaniline  
Concen: 61.715 ng  
RT: 10.410 min Scan# 1414  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:138 Resp: 242716  
Ion Ratio Lower Upper  
138 100  
92 50.7 30.1 70.1  
108 73.8 53.1 93.1





#63

Azobenzene

Concen: 58.414 ng

RT: 10.539 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 996608

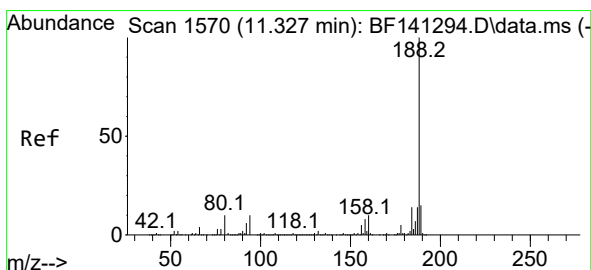
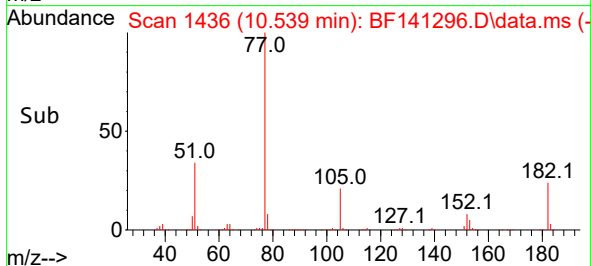
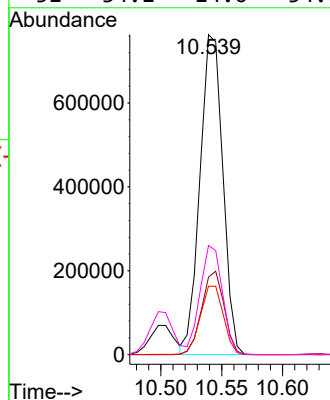
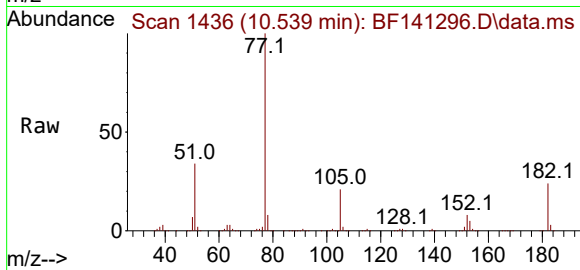
Ion Ratio Lower Upper

77 100

182 24.3 5.1 45.1

105 21.4 1.8 41.8

51 34.1 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

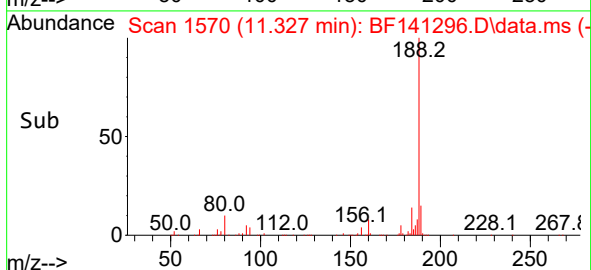
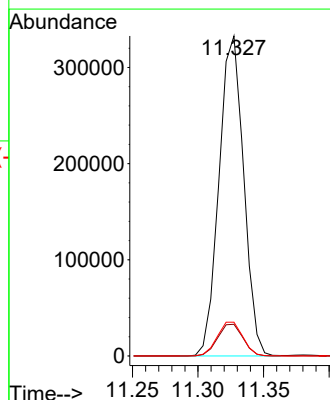
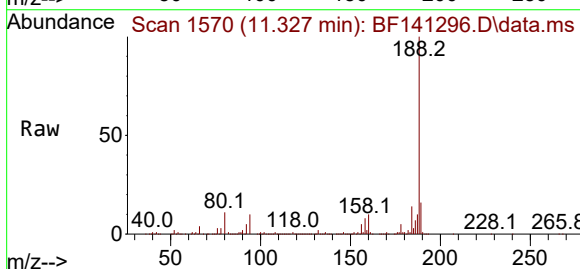
Tgt Ion:188 Resp: 434671

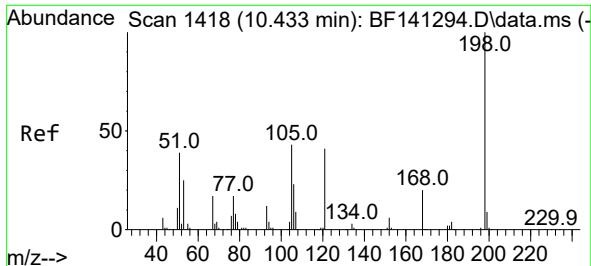
Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

80 10.6 8.2 12.4

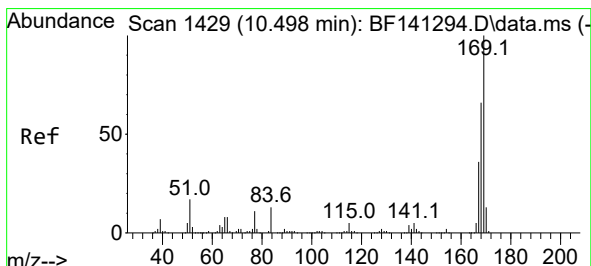
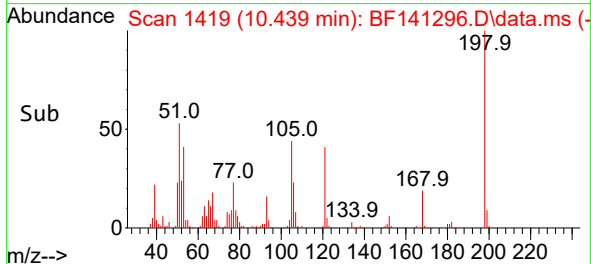
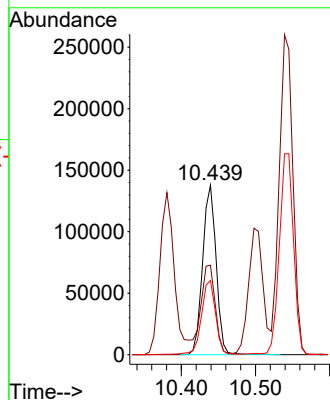
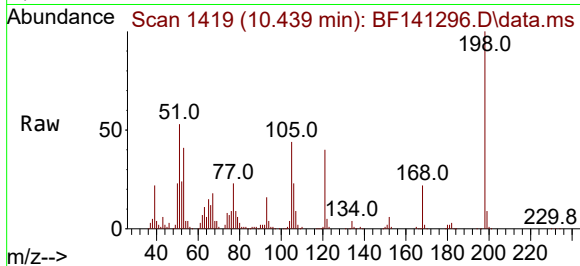




#65  
4,6-Dinitro-2-methylphenol  
Concen: 67.773 ng  
RT: 10.439 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

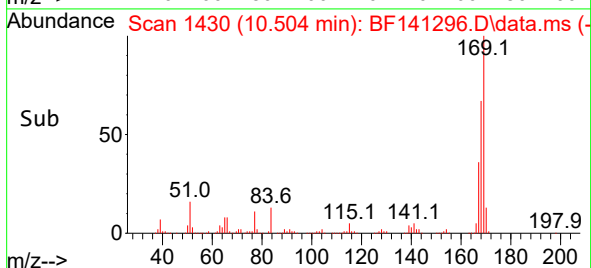
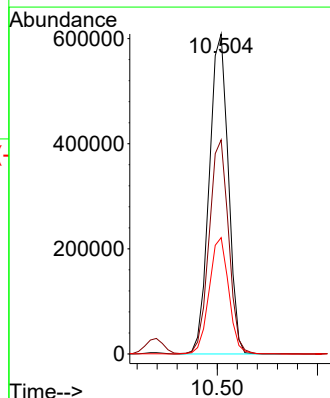
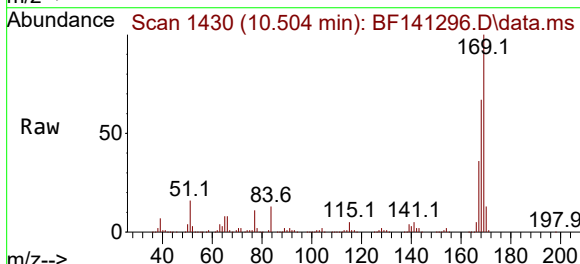
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

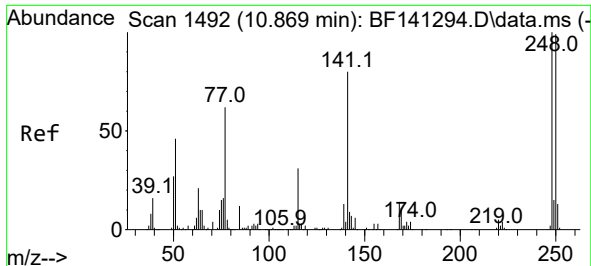
Tgt Ion:198 Resp: 174248  
Ion Ratio Lower Upper  
198 100  
51 52.8 33.4 73.4  
105 43.7 24.4 64.4



#66  
n-Nitrosodiphenylamine  
Concen: 56.914 ng  
RT: 10.504 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:169 Resp: 800147  
Ion Ratio Lower Upper  
169 100  
168 66.9 53.0 79.4  
167 36.3 28.8 43.2

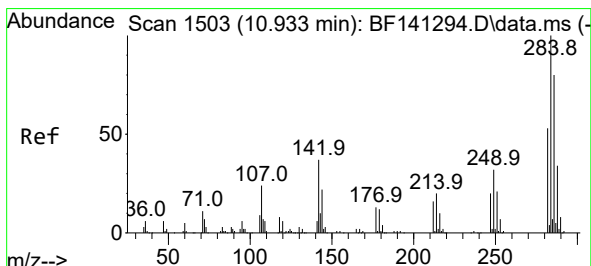
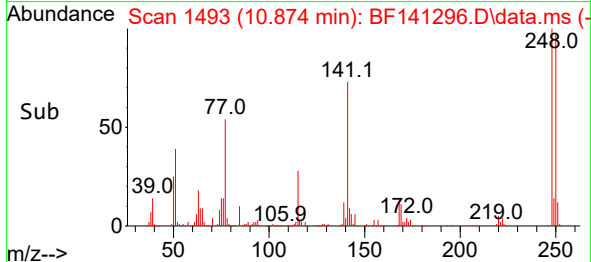
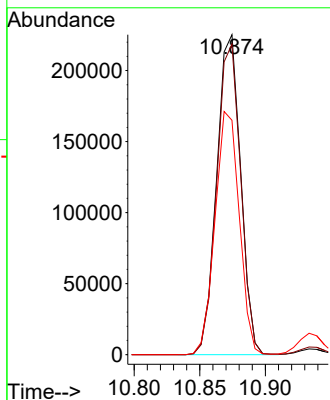
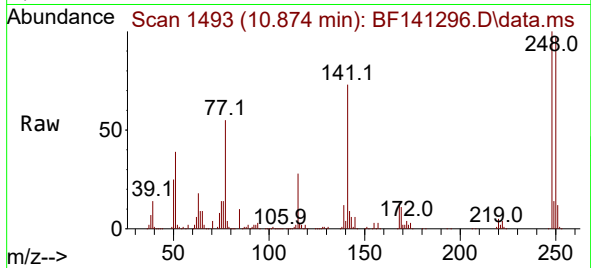




#67  
4-Bromophenyl-phenylether  
Concen: 58.905 ng  
RT: 10.874 min Scan# 1492  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

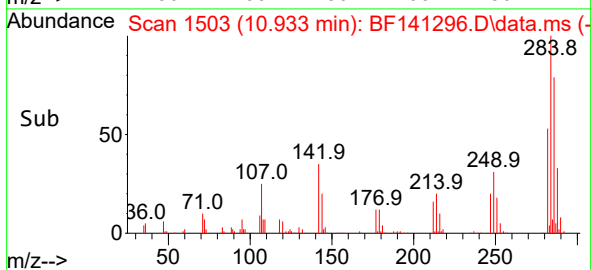
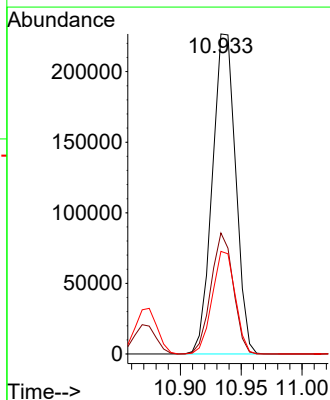
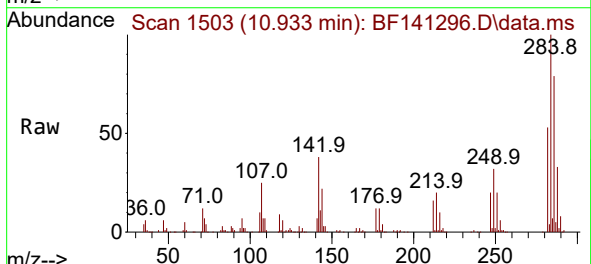
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

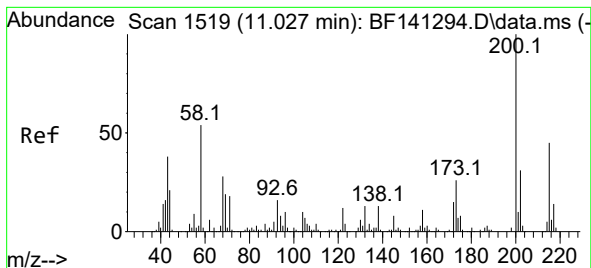
Tgt Ion:248 Resp: 286647  
Ion Ratio Lower Upper  
248 100  
250 97.0 79.0 118.4  
141 73.2 63.7 95.5



#68  
Hexachlorobenzene  
Concen: 58.604 ng  
RT: 10.933 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:284 Resp: 302508  
Ion Ratio Lower Upper  
284 100  
142 37.8 29.5 44.3  
249 32.0 25.4 38.2





#69

Atrazine

Concen: 65.210 ng

RT: 11.033 min Scan# 1520

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

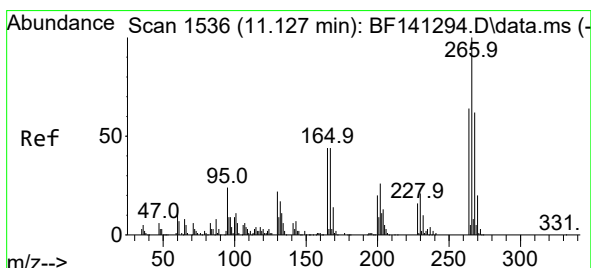
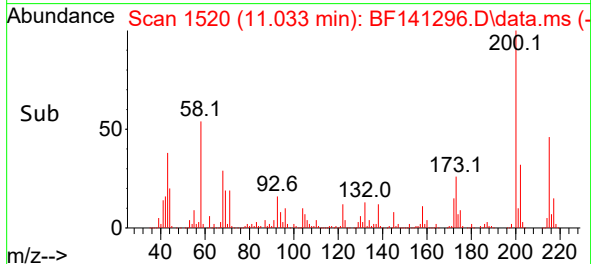
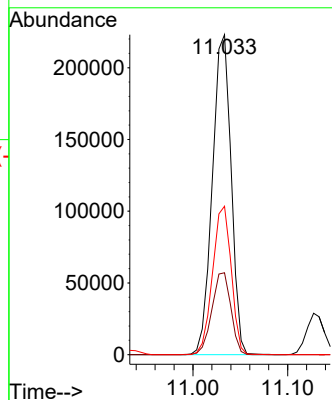
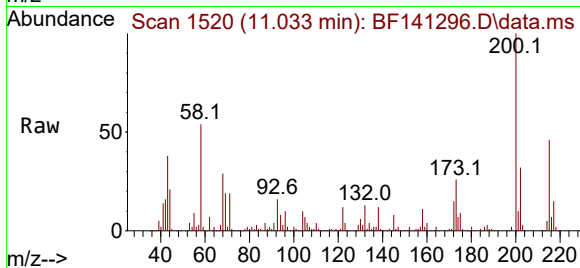
Tgt Ion:200 Resp: 306524

Ion Ratio Lower Upper

200 100

173 25.6 5.9 45.9

215 46.4 25.2 65.2



#70

Pentachlorophenol

Concen: 64.291 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

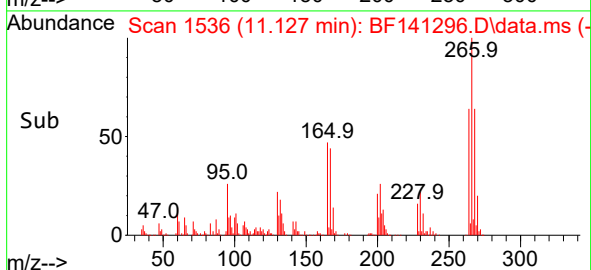
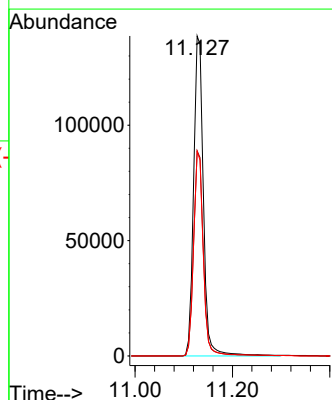
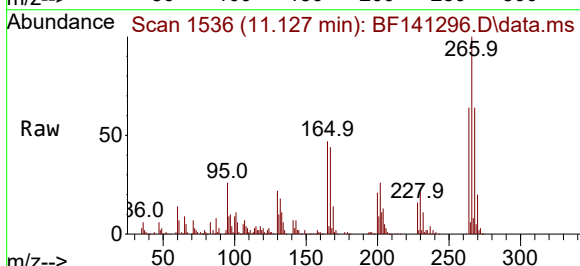
Tgt Ion:266 Resp: 194335

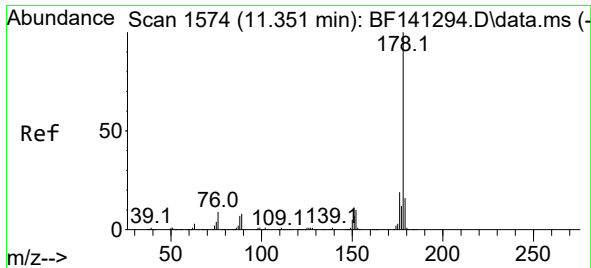
Ion Ratio Lower Upper

266 100

268 64.1 49.9 74.9

264 63.9 51.0 76.4

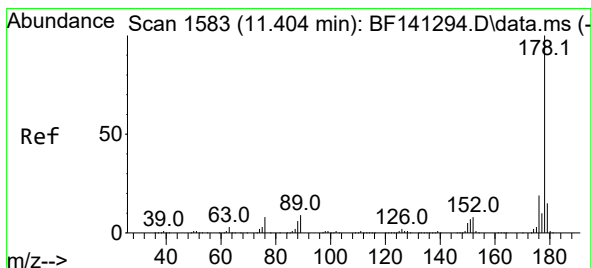
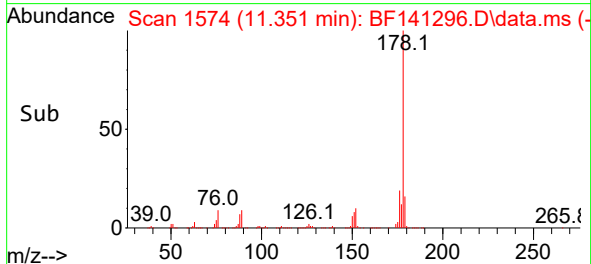
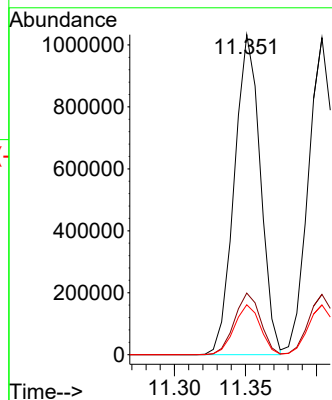
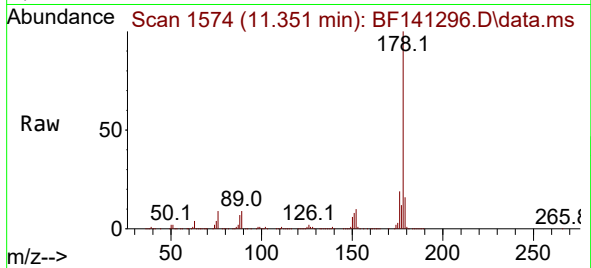




#71  
Phenanthrene  
Concen: 56.365 ng  
RT: 11.351 min Scan# 1574  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

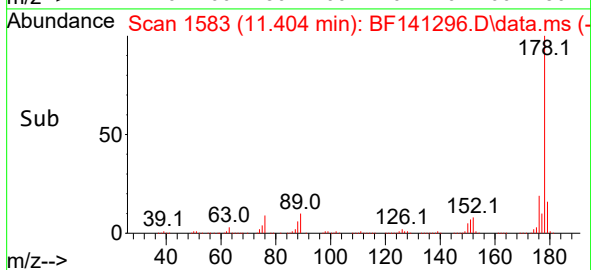
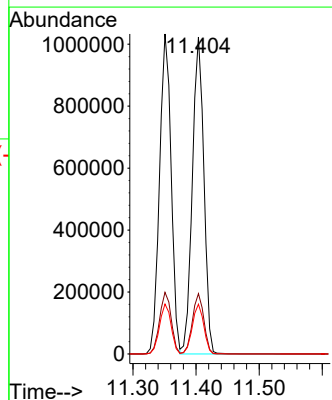
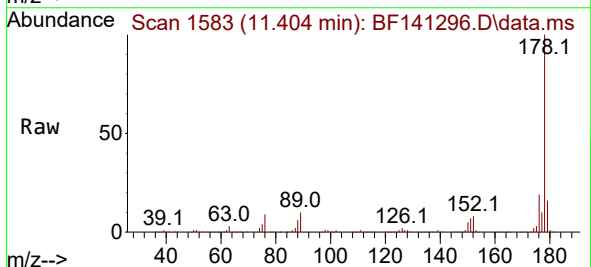
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

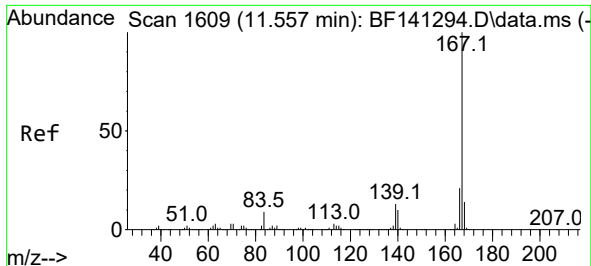
Tgt Ion:178 Resp: 1316980  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.6 12.5 18.7



#72  
Anthracene  
Concen: 56.711 ng  
RT: 11.404 min Scan# 1583  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:178 Resp: 1298334  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.0 22.6  
179 15.7 12.3 18.5

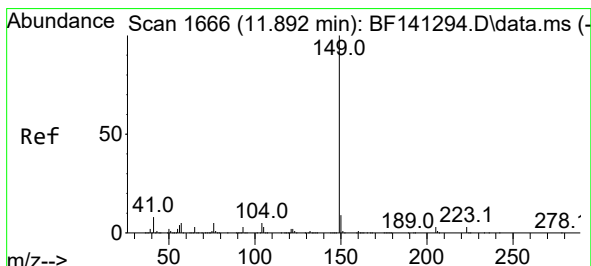
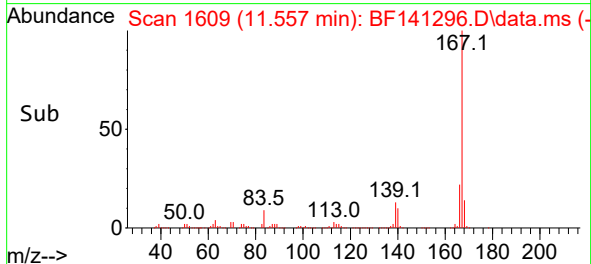
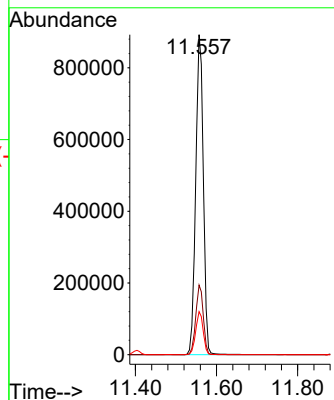
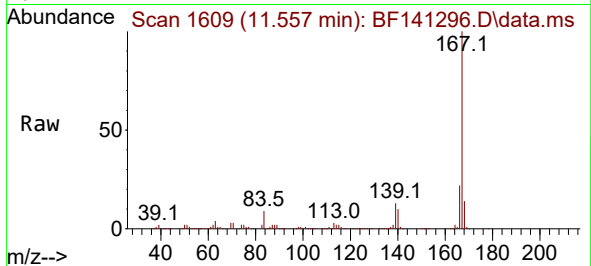




#73  
 Carbazole  
 Concen: 57.798 ng  
 RT: 11.557 min Scan# 1609  
 Delta R.T. -0.000 min  
 Lab File: BF141296.D  
 Acq: 29 Jan 2025 16:38

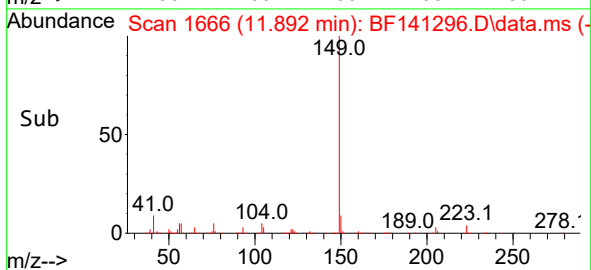
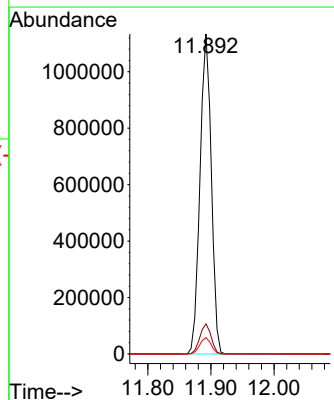
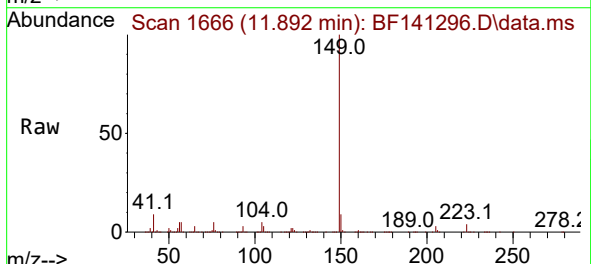
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tgt Ion:167 Resp: 1173330  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.0 25.6  
 139 13.4 10.6 16.0

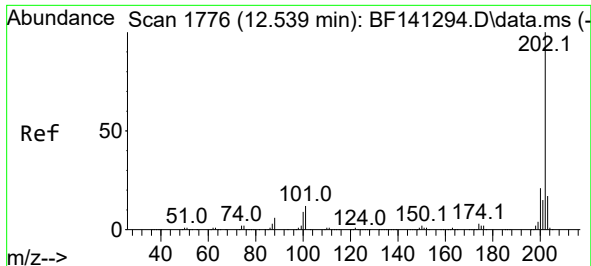


#74  
 Di-n-butylphthalate  
 Concen: 57.322 ng  
 RT: 11.892 min Scan# 1666  
 Delta R.T. 0.000 min  
 Lab File: BF141296.D  
 Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 1410222  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.2  
 104 5.1 3.9 5.9



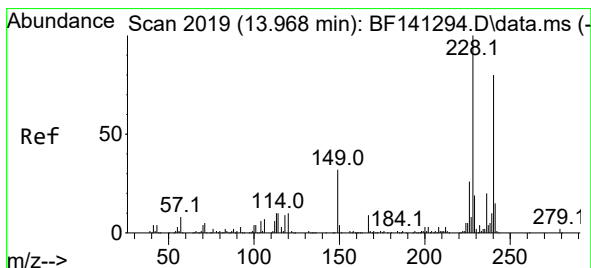
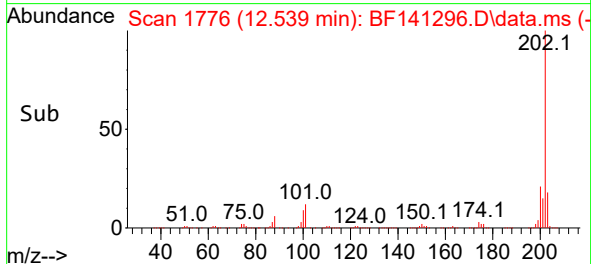
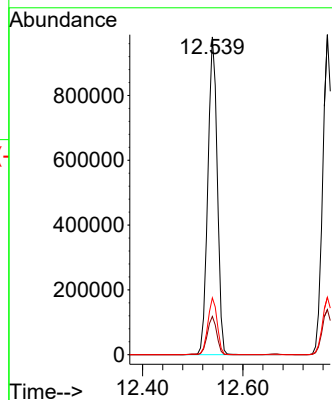
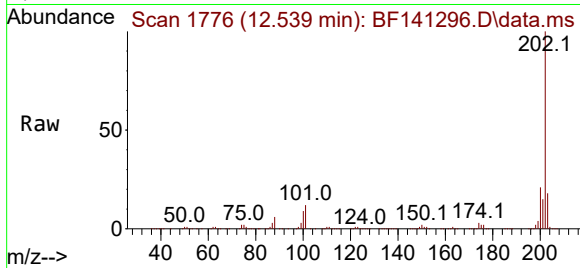




#75  
Fluoranthene  
Concen: 55.482 ng  
RT: 12.539 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

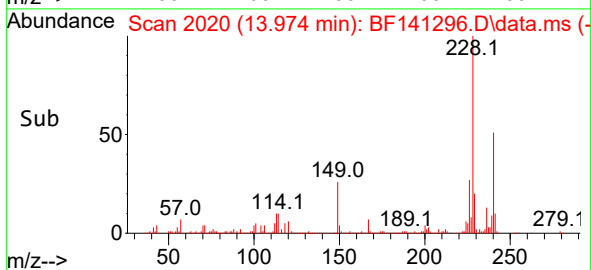
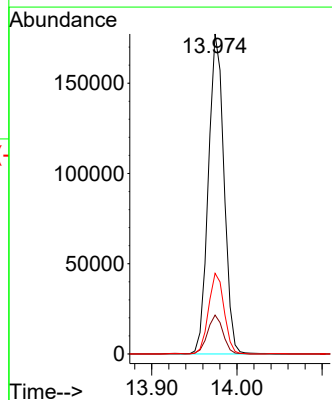
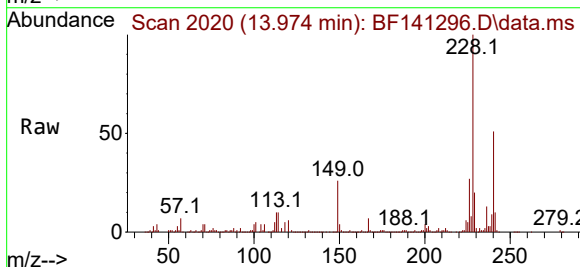
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

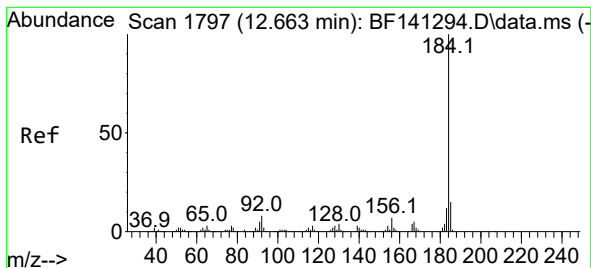
Tgt Ion:202 Resp: 1279995  
Ion Ratio Lower Upper  
202 100  
101 12.0 0.0 31.7  
203 17.9 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2020  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:240 Resp: 225615  
Ion Ratio Lower Upper  
240 100  
120 12.1 10.0 15.0  
236 25.2 19.7 29.5





#77

Benzidine

Concen: 67.748 ng

RT: 12.663 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

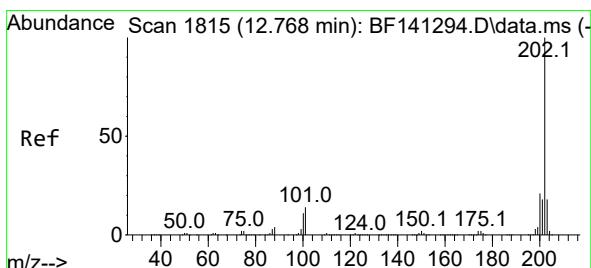
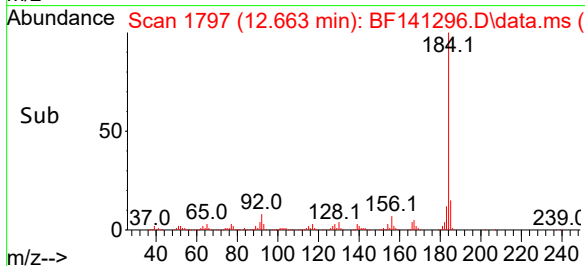
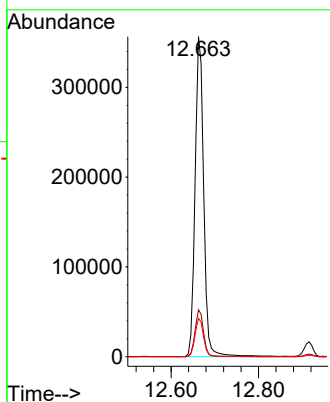
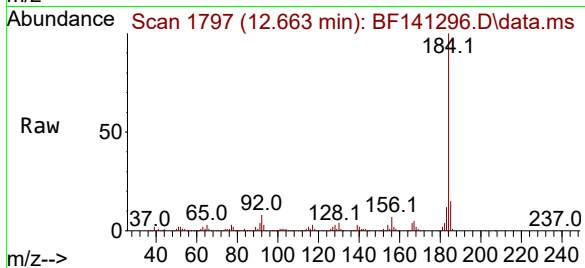
Tgt Ion:184 Resp: 490009

Ion Ratio Lower Upper

184 100

185 14.7 11.9 17.9

183 12.0 9.5 14.3



#78

Pyrene

Concen: 59.326 ng

RT: 12.768 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

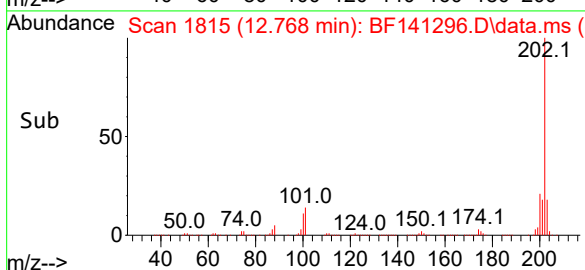
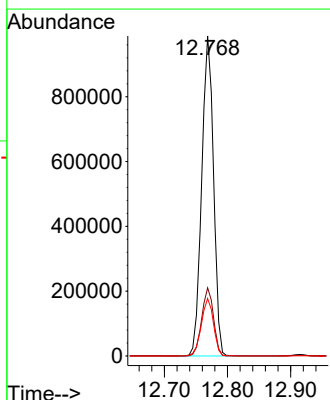
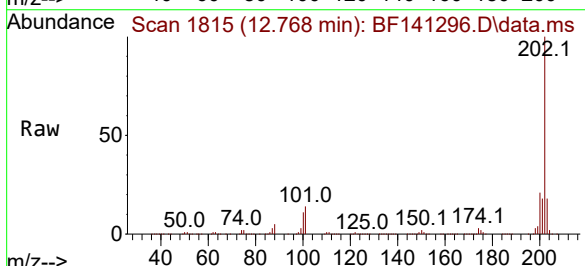
Tgt Ion:202 Resp: 1284820

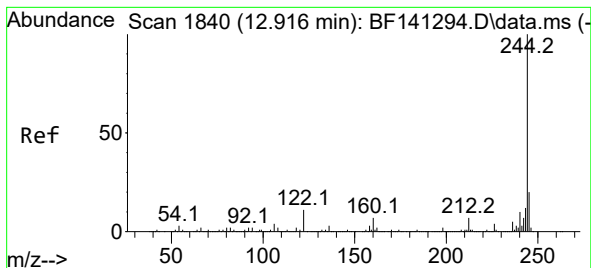
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 113.851 ng

RT: 12.916 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

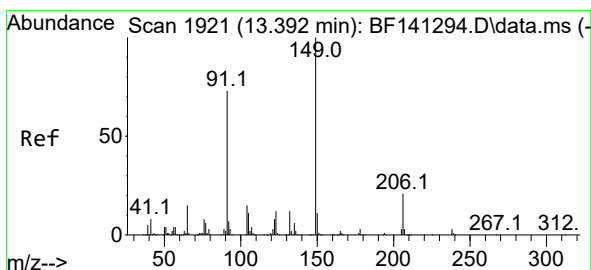
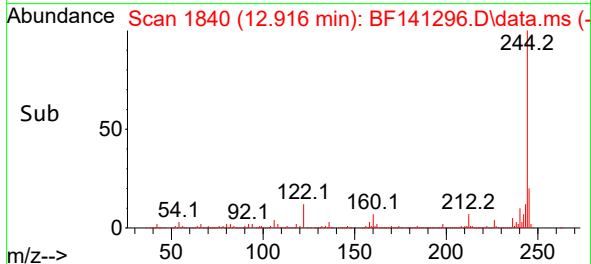
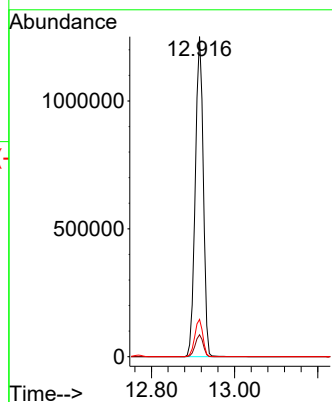
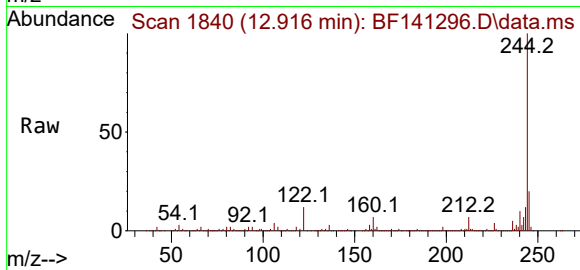
Tgt Ion:244 Resp: 1665591

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 11.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 61.530 ng

RT: 13.392 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

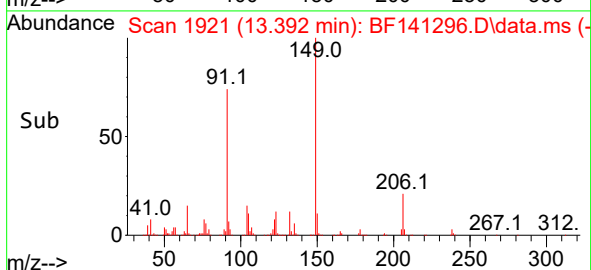
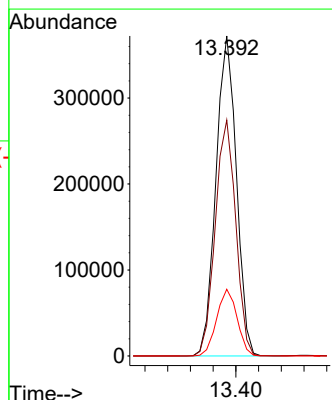
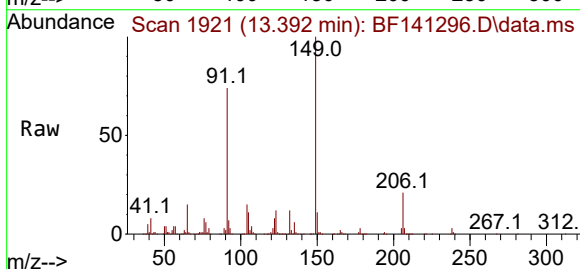
Tgt Ion:149 Resp: 465533

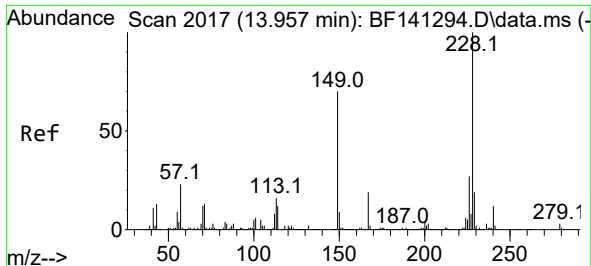
Ion Ratio Lower Upper

149 100

91 73.7 58.6 87.8

206 20.8 16.7 25.1

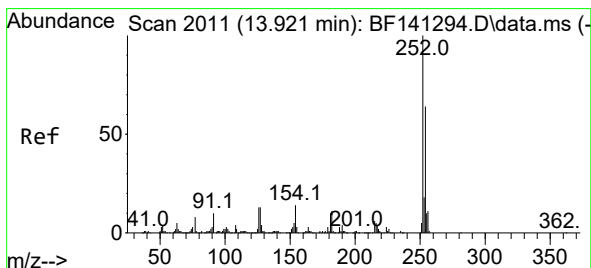
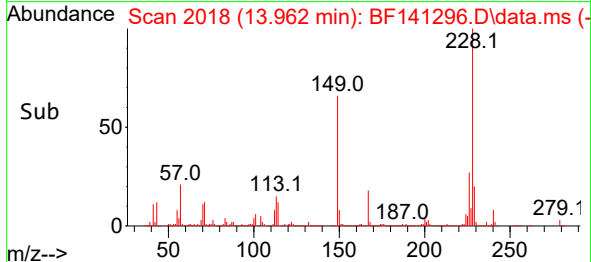
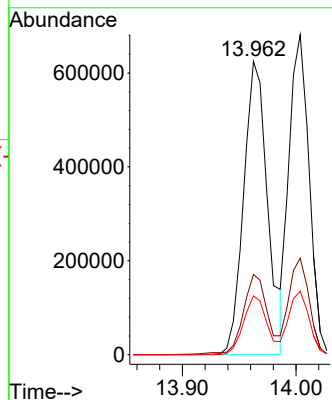
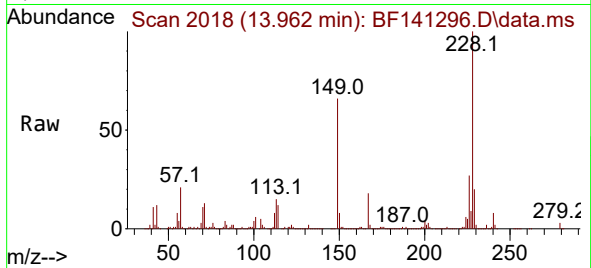




#81  
Benzo(a)anthracene  
Concen: 58.914 ng  
RT: 13.962 min Scan# 2018  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

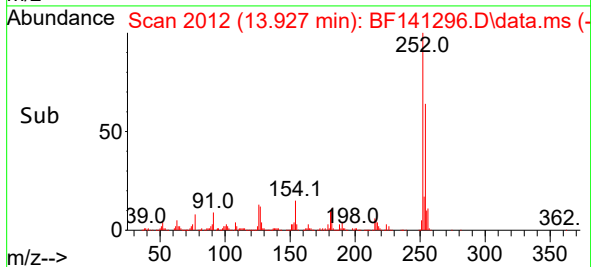
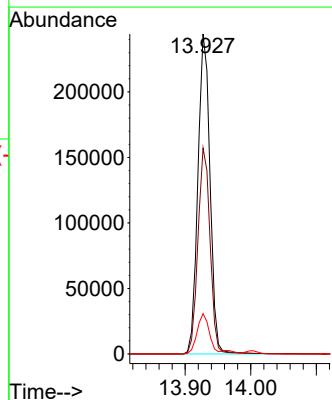
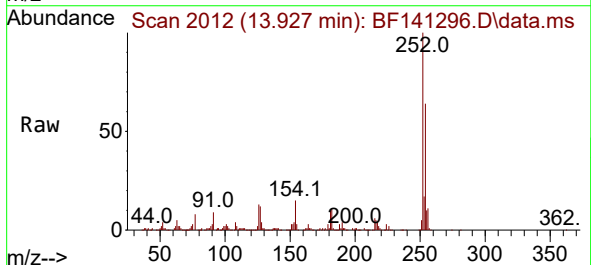
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

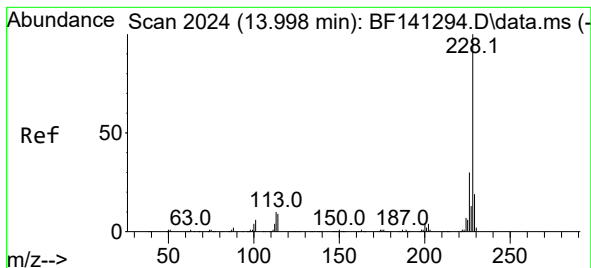
Tgt Ion:228 Resp: 917219  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.4 32.2  
229 20.0 15.5 23.3



#82  
3,3'-Dichlorobenzidine  
Concen: 63.717 ng  
RT: 13.927 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:252 Resp: 315503  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.3 76.9  
126 12.6 10.0 15.0





#83

Chrysene

Concen: 58.950 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

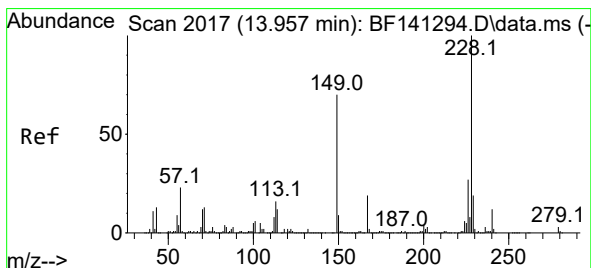
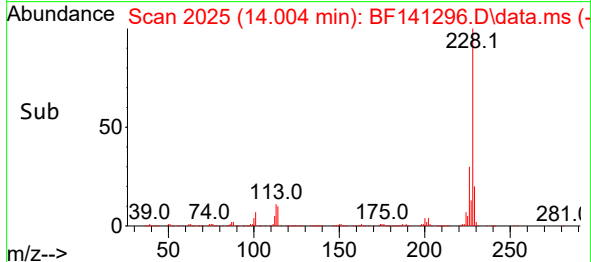
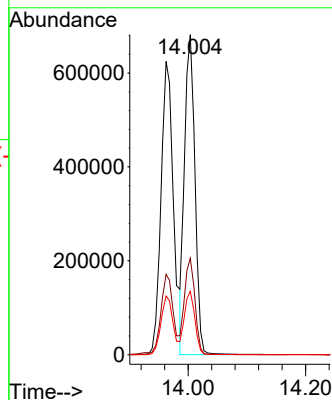
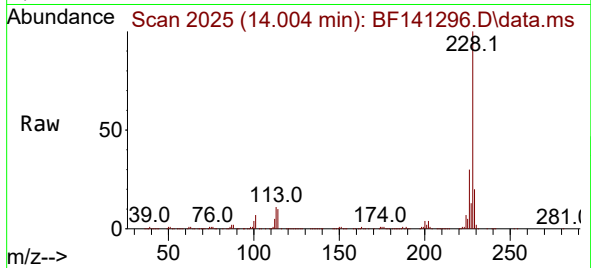
Tgt Ion:228 Resp: 841120

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.830 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

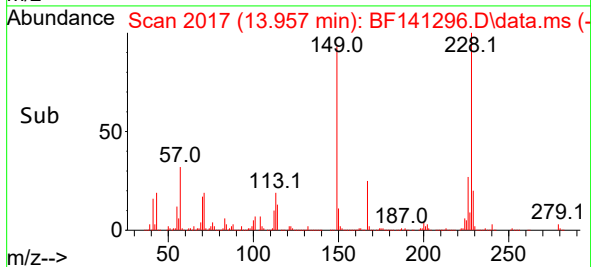
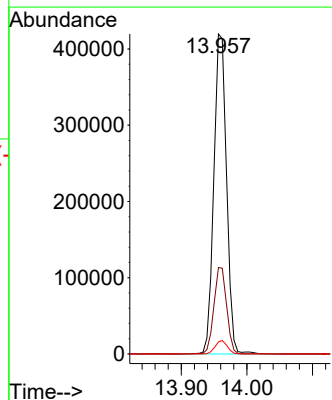
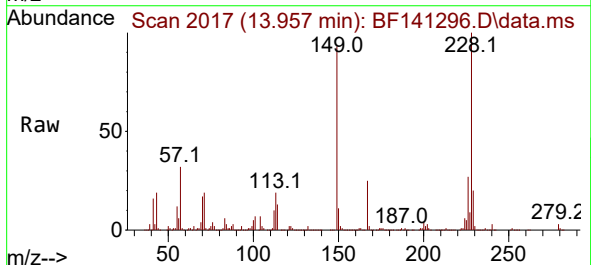
Tgt Ion:149 Resp: 564642

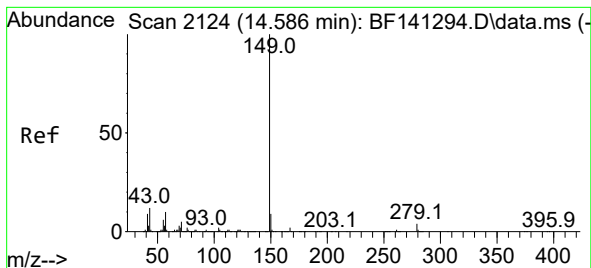
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 63.827 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

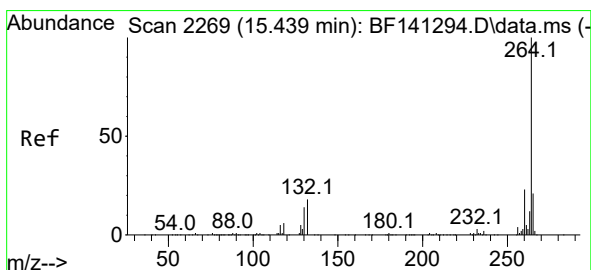
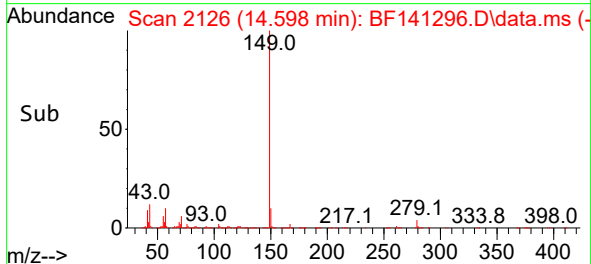
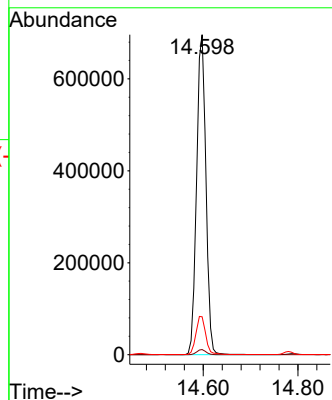
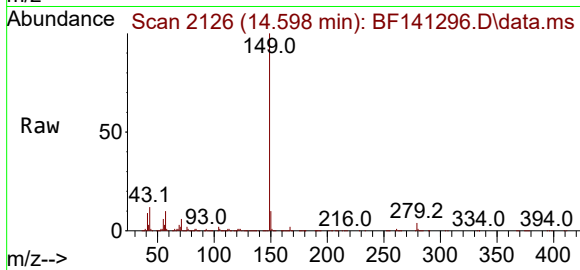
Tgt Ion:149 Resp: 951473

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.6 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

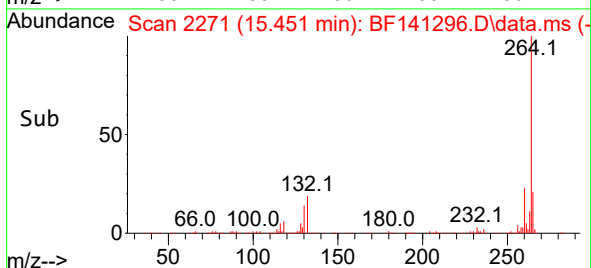
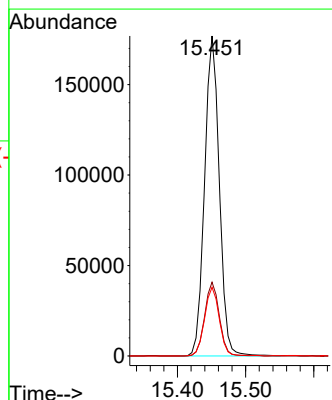
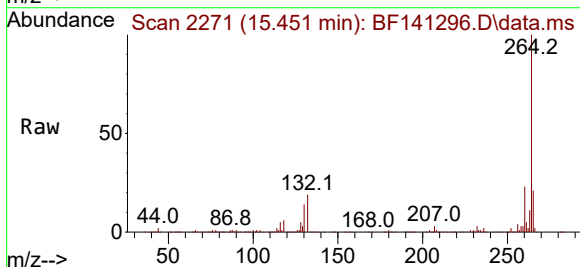
Tgt Ion:264 Resp: 265921

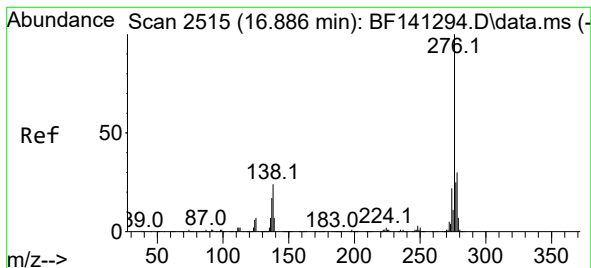
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.5 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.468 ng

RT: 16.909 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

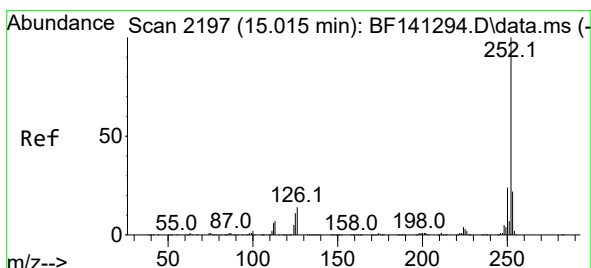
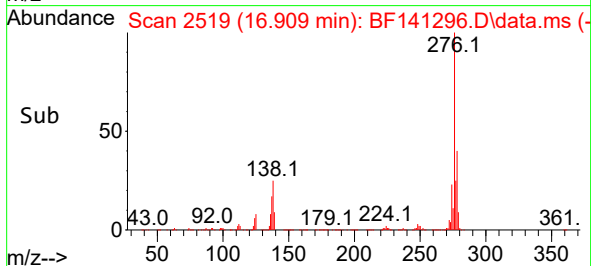
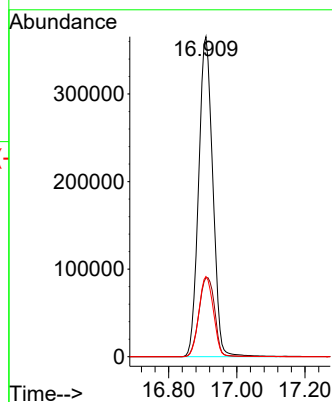
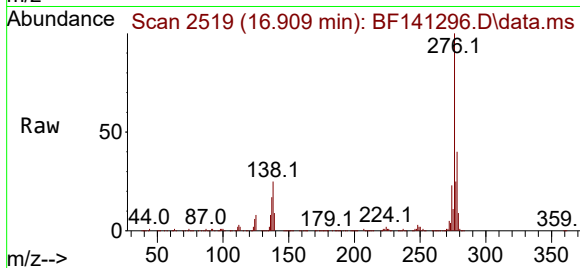
Tgt Ion:276 Resp: 1054987

Ion Ratio Lower Upper

276 100

138 27.6 21.7 32.5

277 25.8 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 58.075 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

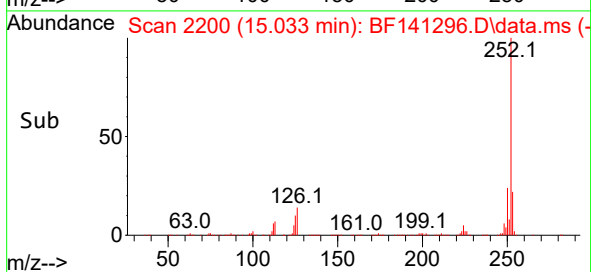
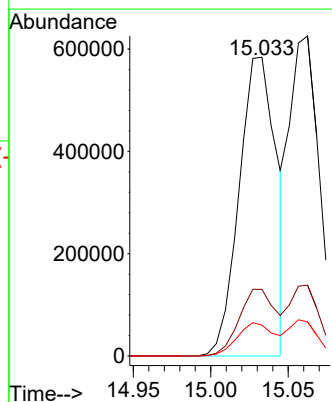
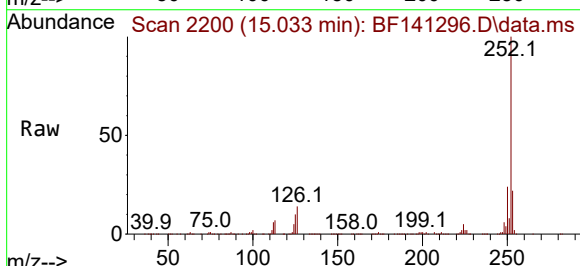
Tgt Ion:252 Resp: 971433

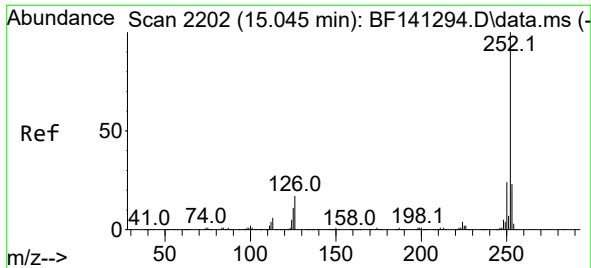
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 10.3 8.6 12.8

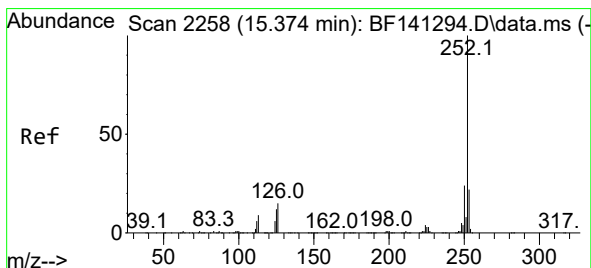
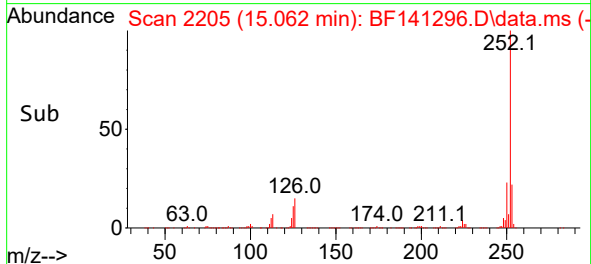
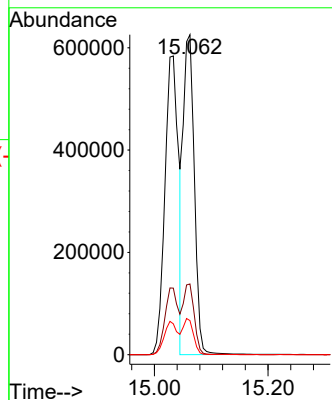
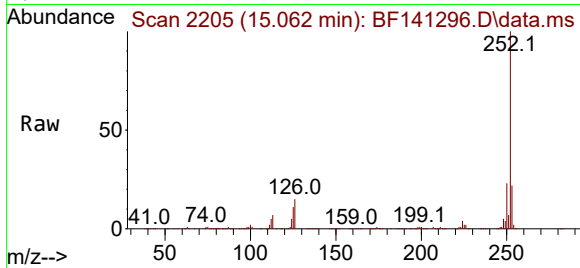




#89  
Benzo(k)fluoranthene  
Concen: 57.081 ng  
RT: 15.062 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

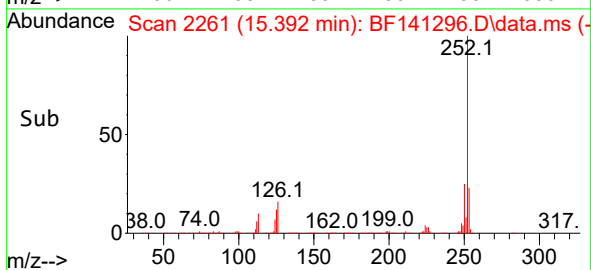
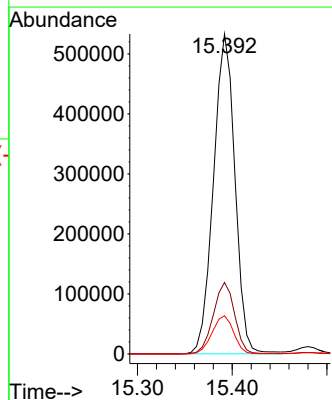
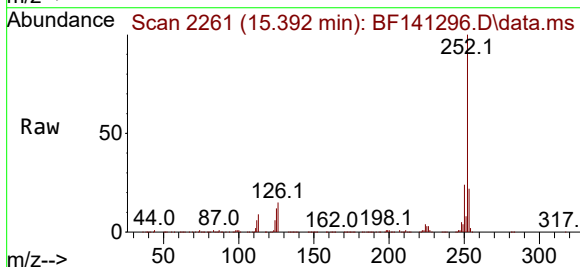
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:252 Resp: 845842  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 10.6 8.4 12.6

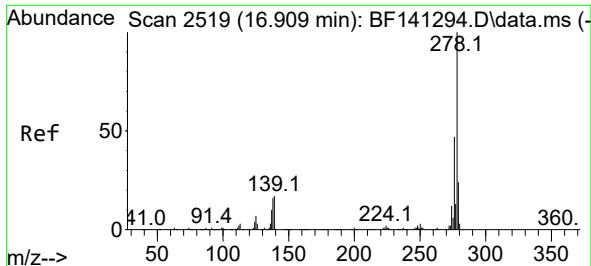


#90  
Benzo(a)pyrene  
Concen: 59.305 ng  
RT: 15.392 min Scan# 2261  
Delta R.T. 0.012 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:252 Resp: 838283  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.2 25.8  
125 12.0 9.4 14.2



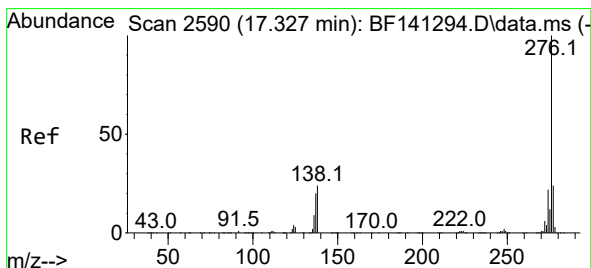
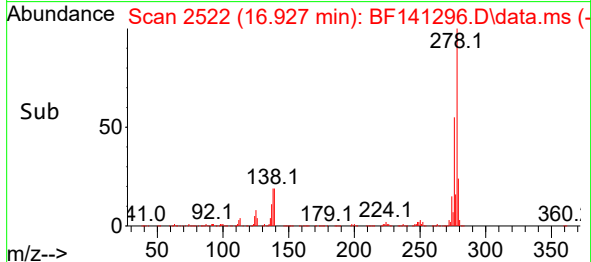
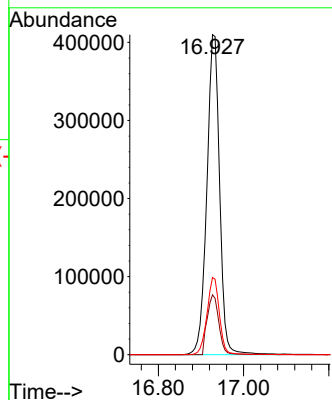
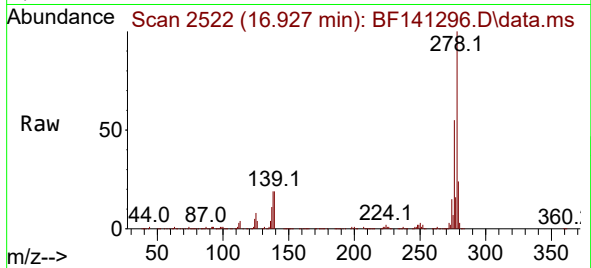




#91  
Dibenzo(a,h)anthracene  
Concen: 61.862 ng  
RT: 16.927 min Scan# 2519  
Delta R.T. 0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:278 Resp: 854214  
Ion Ratio Lower Upper  
278 100  
139 18.7 13.9 20.9  
279 24.1 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 61.416 ng  
RT: 17.351 min Scan# 2594  
Delta R.T. 0.006 min  
Lab File: BF141296.D  
Acq: 29 Jan 2025 16:38

Tgt Ion:276 Resp: 881804  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.2 28.8  
138 23.4 19.0 28.4

