

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110524\  
 Data File : BF140251.D  
 Acq On : 05 Nov 2024 21:26  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Nov 05 23:57:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 05 16:47:56 2024  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 6.881  | 152  | 270732   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.163  | 136  | 983427   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.922  | 164  | 572181   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.410 | 188  | 998648   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.057 | 240  | 586799   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 15.551 | 264  | 581205   | 20.000 | ng    | -0.01    |

|                             |        |     |         |        |    |      |
|-----------------------------|--------|-----|---------|--------|----|------|
| System Monitoring Compounds |        |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.498  | 112 | 1227360 | 75.129 | ng | 0.00 |
| 7) Phenol-d6                | 6.510  | 99  | 1566796 | 74.564 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.445  | 82  | 1492472 | 75.454 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330 | 465933  | 82.383 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.239  | 172 | 2605750 | 72.719 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.998 | 244 | 2746750 | 76.679 | ng | 0.00 |

|                               |       |     |         |        |        |
|-------------------------------|-------|-----|---------|--------|--------|
| Target Compounds              |       |     |         |        | Qvalue |
| 2) 1,4-Dioxane                | 2.669 | 88  | 297236  | 39.575 | ng 97  |
| 3) Pyridine                   | 3.428 | 79  | 730415  | 39.856 | ng 97  |
| 4) n-Nitrosodimethylamine     | 3.404 | 42  | 403925  | 38.176 | ng 94  |
| 6) Aniline                    | 6.545 | 93  | 732452  | 38.582 | ng 100 |
| 8) 2-Chlorophenol             | 6.669 | 128 | 646374  | 37.815 | ng 96  |
| 9) Benzaldehyde               | 6.434 | 77  | 482556  | 37.281 | ng 97  |
| 10) Phenol                    | 6.522 | 94  | 841417  | 37.703 | ng 98  |
| 11) bis(2-Chloroethyl)ether   | 6.616 | 93  | 652085  | 38.464 | ng 98  |
| 12) 1,3-Dichlorobenzene       | 6.822 | 146 | 757900  | 37.837 | ng 99  |
| 13) 1,4-Dichlorobenzene       | 6.898 | 146 | 759611  | 37.600 | ng 99  |
| 14) 1,2-Dichlorobenzene       | 7.051 | 146 | 693430  | 36.750 | ng 99  |
| 15) Benzyl Alcohol            | 7.022 | 79  | 615992  | 38.028 | ng 99  |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151 | 45  | 996542  | 36.315 | ng 98  |
| 17) 2-Methylphenol            | 7.128 | 107 | 550171  | 38.584 | ng 100 |
| 18) Hexachloroethane          | 7.392 | 117 | 285370  | 37.922 | ng 100 |
| 19) n-Nitroso-di-n-propyla... | 7.298 | 70  | 499626  | 37.271 | ng 97  |
| 20) 3+4-Methylphenols         | 7.287 | 107 | 660501  | 36.882 | ng 94  |
| 22) Acetophenone              | 7.292 | 105 | 916127  | 37.573 | ng 96  |
| 24) Nitrobenzene              | 7.463 | 77  | 788051  | 37.969 | ng 98  |
| 25) Isophorone                | 7.704 | 82  | 1326762 | 38.955 | ng 99  |
| 26) 2-Nitrophenol             | 7.775 | 139 | 336819  | 40.796 | ng 99  |
| 27) 2,4-Dimethylphenol        | 7.810 | 122 | 444846  | 39.606 | ng 97  |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93  | 785322  | 38.531 | ng 100 |
| 29) 2,4-Dichlorophenol        | 8.016 | 162 | 548362  | 39.465 | ng 100 |
| 30) 1,2,4-Trichlorobenzene    | 8.098 | 180 | 643867  | 38.669 | ng 99  |
| 31) Naphthalene               | 8.181 | 128 | 1892818 | 37.273 | ng 100 |
| 32) Benzoic acid              | 7.945 | 122 | 389839  | 42.293 | ng 100 |
| 33) 4-Chloroaniline           | 8.228 | 127 | 651775  | 38.986 | ng 99  |
| 34) Hexachlorobutadiene       | 8.298 | 225 | 433944  | 38.504 | ng 100 |
| 35) Caprolactam               | 8.622 | 113 | 170454  | 40.326 | ng 97  |
| 36) 4-Chloro-3-methylphenol   | 8.710 | 107 | 603519  | 39.010 | ng 98  |
| 37) 2-Methylnaphthalene       | 8.869 | 142 | 1252720 | 37.798 | ng 99  |
| 38) 1-Methylnaphthalene       | 8.975 | 142 | 1210452 | 37.261 | ng 99  |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 638715  | 38.131 | ng 99  |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 211702  | 45.103 | ng 100 |
| 43) 2,4,6-Trichlorophenol     | 9.151 | 196 | 406329  | 39.145 | ng 99  |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

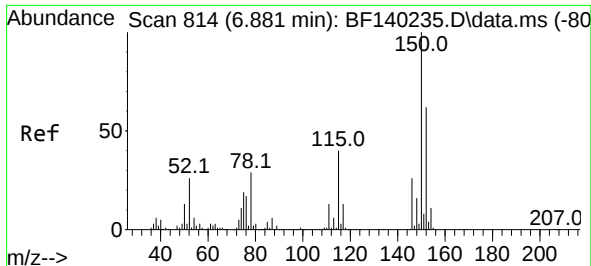
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Nov 05 23:57:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 05 16:47:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 428624   | 39.272 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 1523223  | 36.830 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 1160728  | 37.289 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 406116   | 39.012 | ng    | 99       |
| 49) Acenaphthylene            | 9.781  | 152  | 1635591  | 37.113 | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 1357105  | 38.512 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 322879   | 38.980 | ng    | 98       |
| 52) Acenaphthene              | 9.957  | 154  | 1185144  | 37.914 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 307329   | 39.404 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 152438   | 40.757 | ng    | 91       |
| 55) Dibenzofuran              | 10.128 | 168  | 1617655  | 37.008 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 232268   | 42.354 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 427820   | 39.802 | ng    | 99       |
| 58) Fluorene                  | 10.469 | 166  | 1283508  | 36.889 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 356764   | 39.903 | ng    | 97       |
| 60) Diethylphthalate          | 10.345 | 149  | 1327015  | 37.896 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 651514   | 37.153 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 304947   | 39.344 | ng    | 98       |
| 63) Azobenzene                | 10.622 | 77   | 1338479  | 36.872 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 228367   | 43.540 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 1083785  | 37.732 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 428542   | 39.850 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 484930   | 39.561 | ng    | 95       |
| 69) Atrazine                  | 11.104 | 200  | 276183   | 35.145 | ng    | 98       |
| 70) Pentachlorophenol         | 11.210 | 266  | 285800   | 43.420 | ng    | 98       |
| 71) Phenanthrene              | 11.433 | 178  | 1779174  | 37.331 | ng    | 100      |
| 72) Anthracene                | 11.486 | 178  | 1751272  | 37.474 | ng    | 100      |
| 73) Carbazole                 | 11.639 | 167  | 1615592  | 37.835 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 1940271  | 38.387 | ng    | 100      |
| 75) Fluoranthene              | 12.621 | 202  | 1865022  | 37.425 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 422372   | 36.815 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 1872030  | 38.638 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.469 | 149  | 706783   | 40.512 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 1429480  | 37.959 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 483359   | 40.873 | ng    | 100      |
| 83) Chrysene                  | 14.086 | 228  | 1386764  | 39.324 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 951236   | 38.903 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 1465478  | 39.819 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.062 | 276  | 1384381  | 40.578 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.115 | 252  | 1331211  | 37.866 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 1245097  | 38.596 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 1131639  | 39.042 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.086 | 278  | 1135038  | 40.438 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.527 | 276  | 1147351  | 40.071 | ng    | 99       |

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

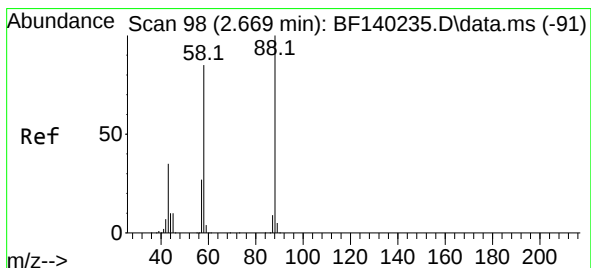
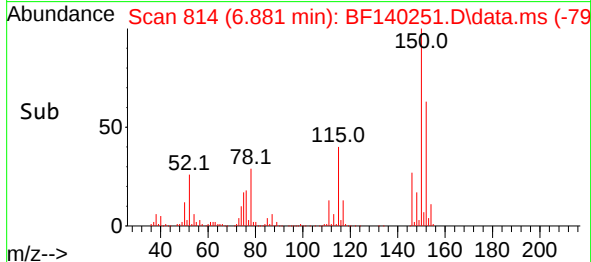
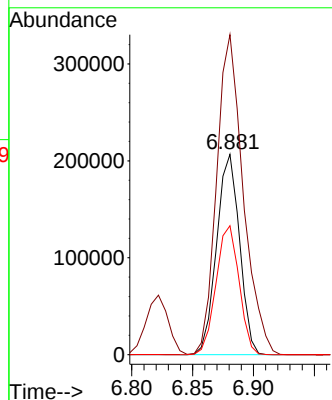
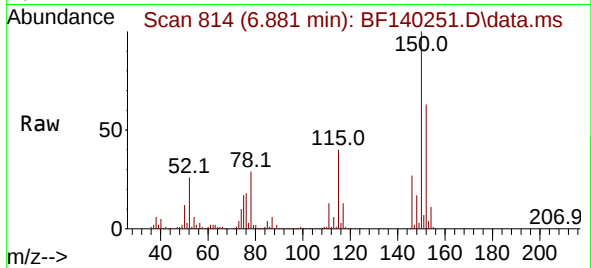




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 814  
 Delta R.T. -0.000 min  
 Lab File: BF140251.D  
 Acq: 05 Nov 2024 21:26

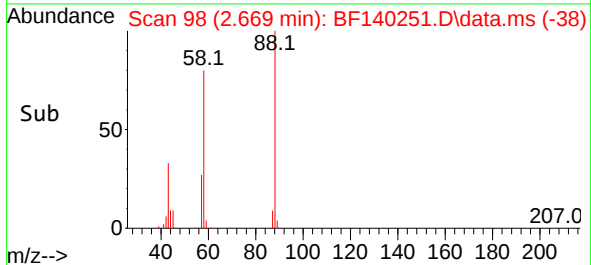
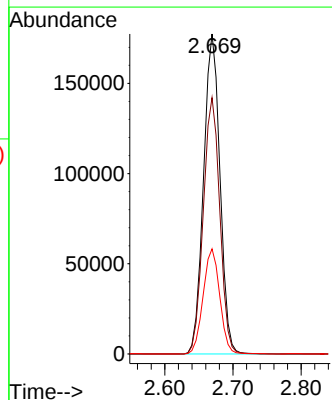
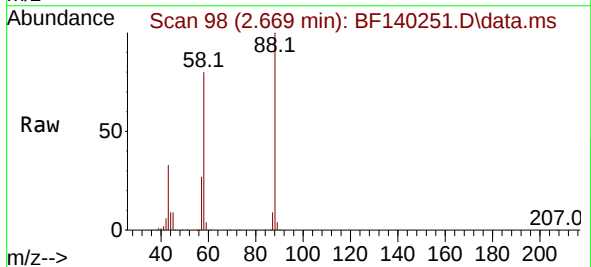
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

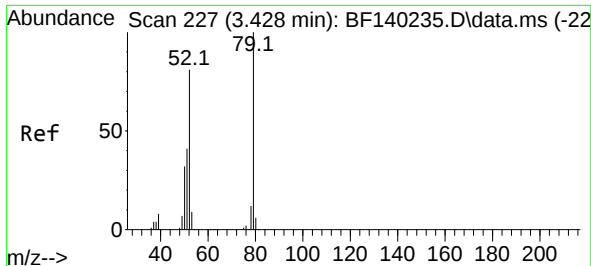
Tgt Ion:152 Resp: 270732  
 Ion Ratio Lower Upper  
 152 100  
 150 159.7 129.4 194.2  
 115 64.4 51.5 77.3



#2  
 1,4-Dioxane  
 Concen: 39.575 ng  
 RT: 2.669 min Scan# 98  
 Delta R.T. 0.000 min  
 Lab File: BF140251.D  
 Acq: 05 Nov 2024 21:26

Tgt Ion: 88 Resp: 297236  
 Ion Ratio Lower Upper  
 88 100  
 58 80.5 66.7 100.1  
 43 33.3 27.8 41.8





#3

Pyridine

Concen: 39.856 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

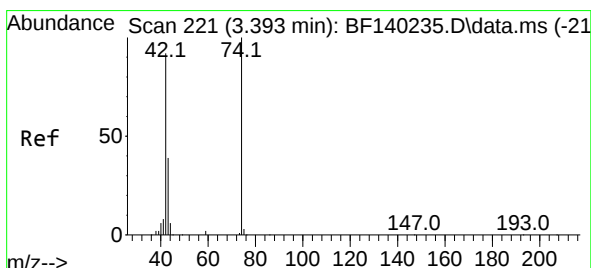
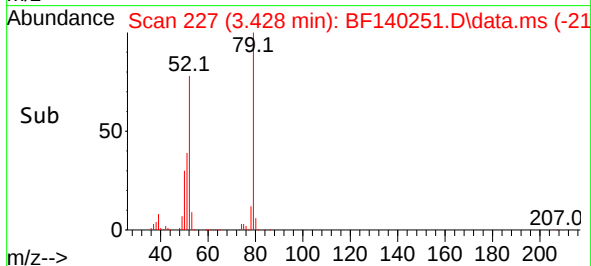
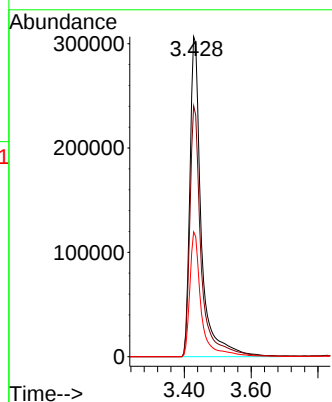
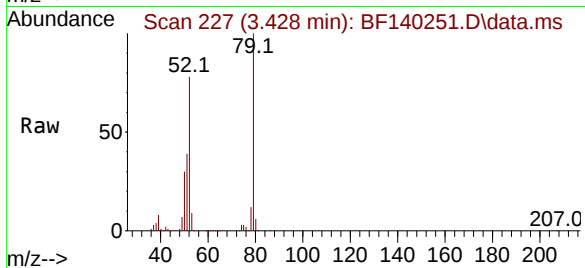
Tgt Ion: 79 Resp: 730415

Ion Ratio Lower Upper

79 100

52 78.4 64.6 97.0

51 39.0 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 38.176 ng

RT: 3.404 min Scan# 223

Delta R.T. 0.012 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

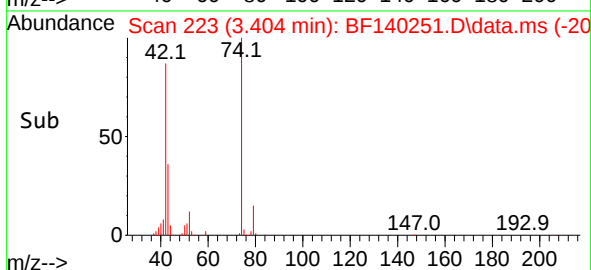
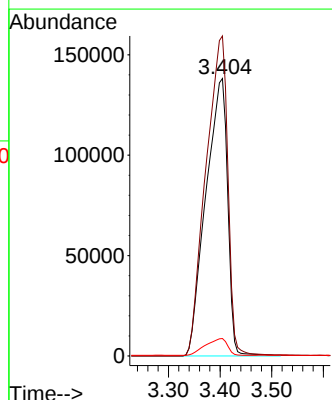
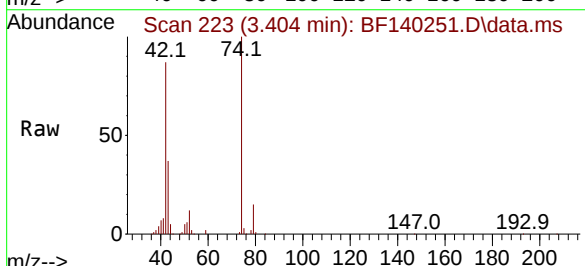
Tgt Ion: 42 Resp: 403925

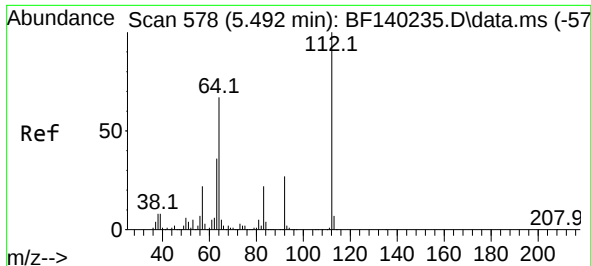
Ion Ratio Lower Upper

42 100

74 115.3 86.9 130.3

44 6.3 5.0 7.6

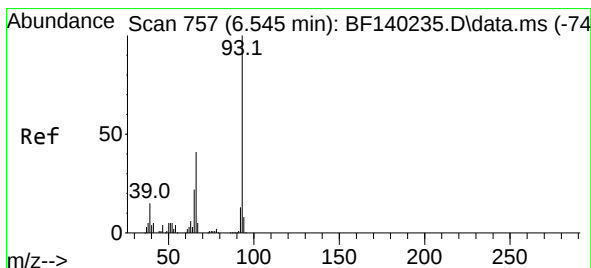
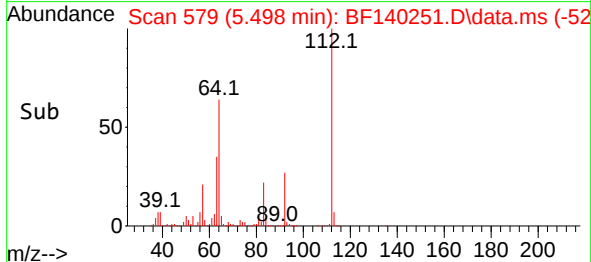
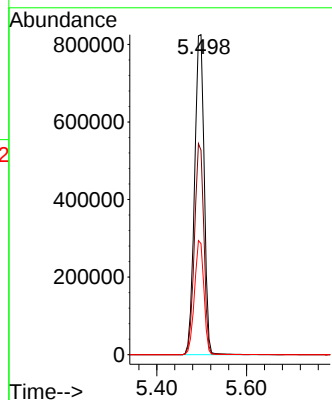
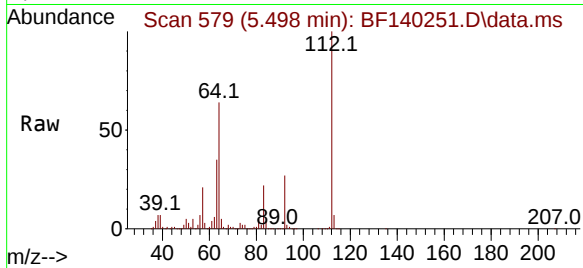




#5  
2-Fluorophenol  
Concen: 75.129 ng  
RT: 5.498 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

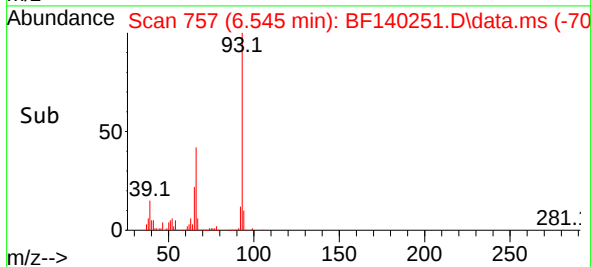
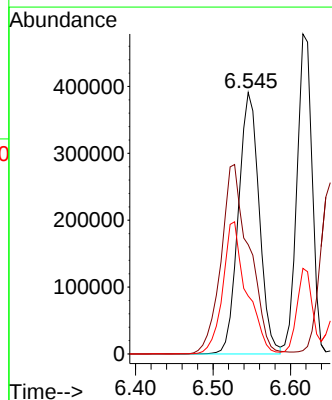
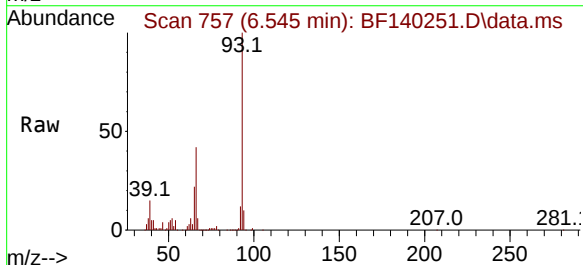
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

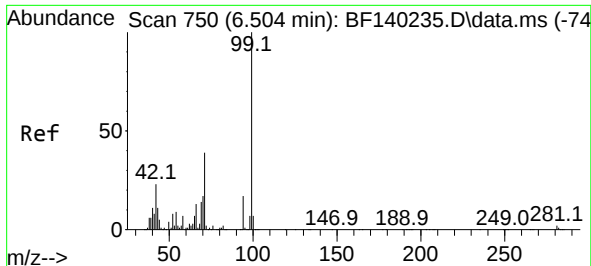
Tgt Ion:112 Resp: 1227360  
Ion Ratio Lower Upper  
112 100  
64 63.9 53.4 80.2  
63 34.7 28.9 43.3



#6  
Aniline  
Concen: 38.582 ng  
RT: 6.545 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion: 93 Resp: 732452  
Ion Ratio Lower Upper  
93 100  
66 41.8 33.6 50.4  
65 22.2 17.5 26.3

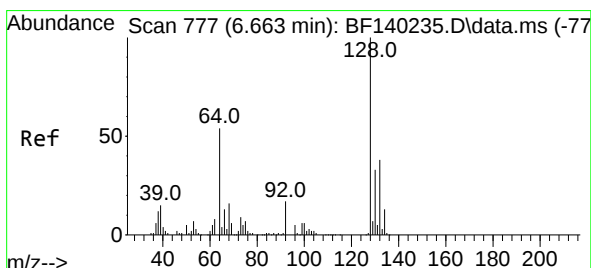
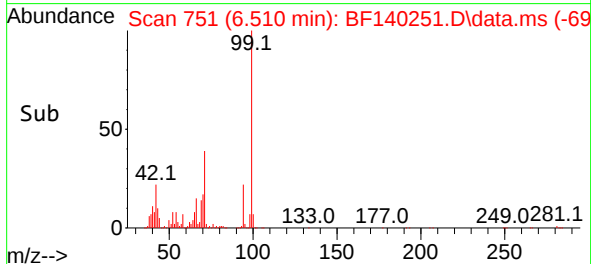
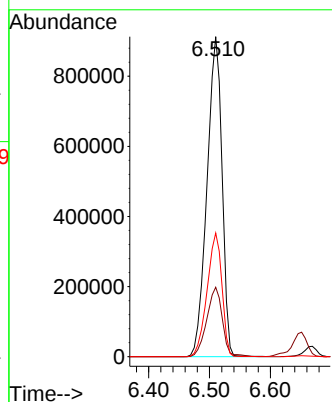
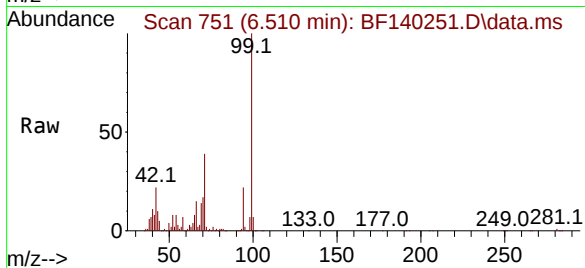




#7  
Phenol-d6  
Concen: 74.564 ng  
RT: 6.510 min Scan# 710  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

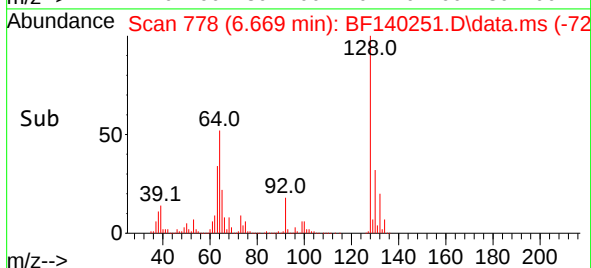
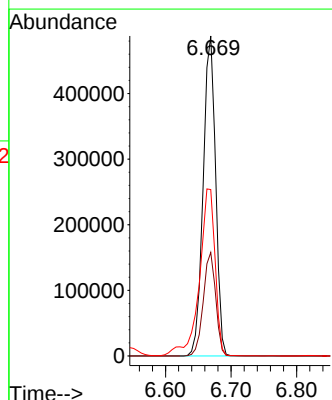
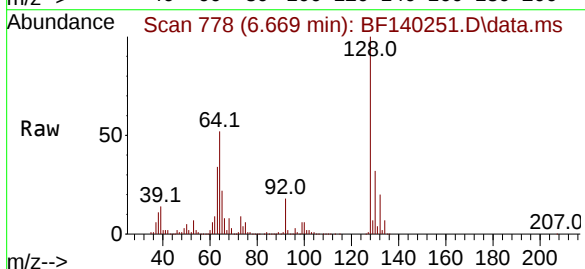
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

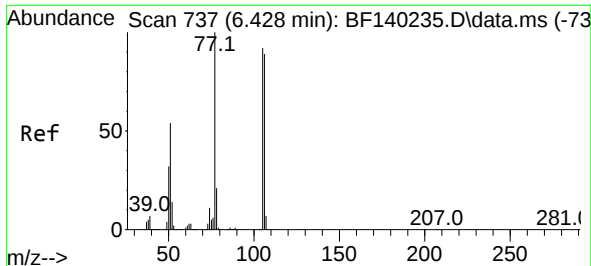
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Ion Ratio Lower Upper  
99 100  
42 21.7 18.2 27.2  
71 38.6 30.9 46.3



#8  
2-Chlorophenol  
Concen: 37.815 ng  
RT: 6.669 min Scan# 778  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion: 128 Resp: 646374  
Ion Ratio Lower Upper  
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130 32.3 12.9 52.9  
64 52.0 36.3 76.3

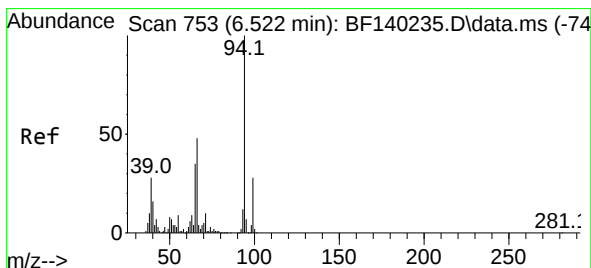
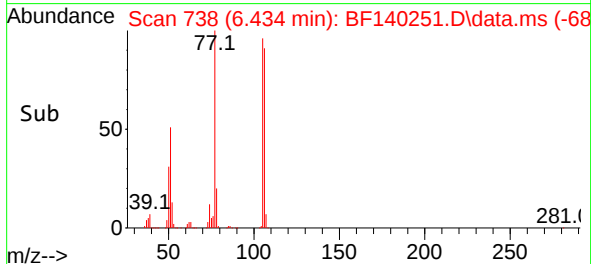
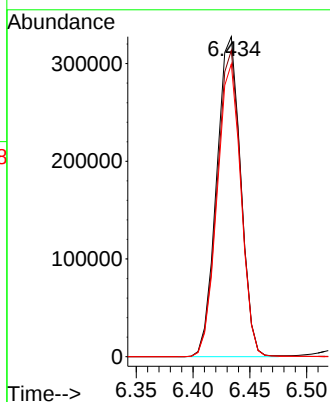
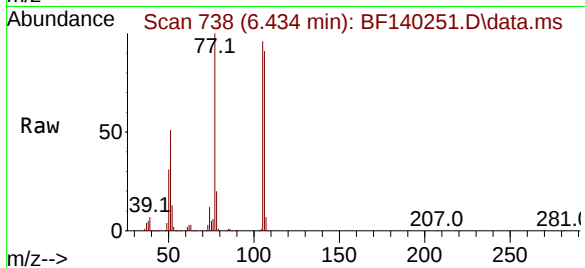




#9  
Benzaldehyde  
Concen: 37.281 ng  
RT: 6.434 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

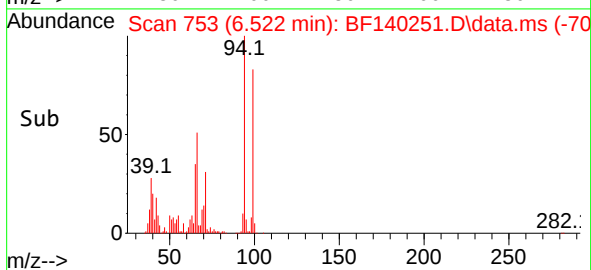
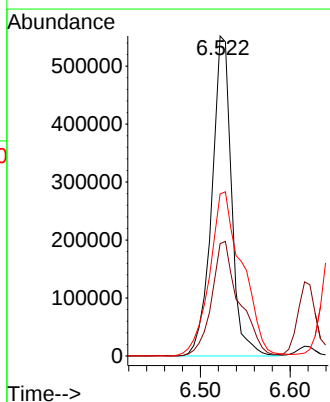
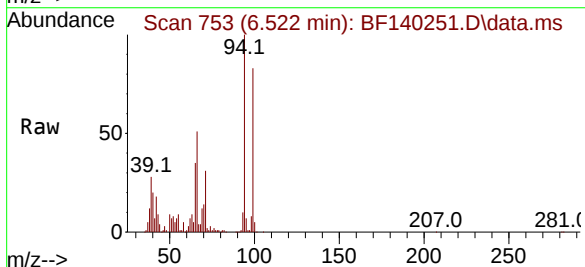
Instrument :  
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ClientSampleId :  
SSTDCCC040EC

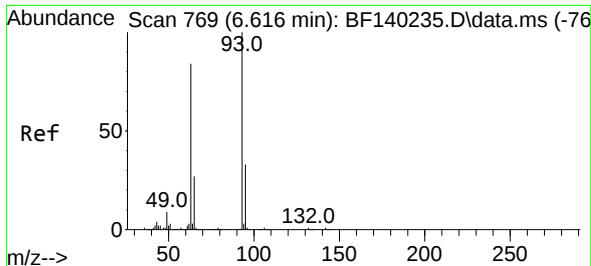
Tgt Ion: 77 Resp: 482556  
Ion Ratio Lower Upper  
77 100  
105 95.7 72.1 112.1  
106 91.5 68.8 108.8



#10  
Phenol  
Concen: 37.703 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion: 94 Resp: 841417  
Ion Ratio Lower Upper  
94 100  
65 35.1 15.1 55.1  
66 50.6 28.8 68.8

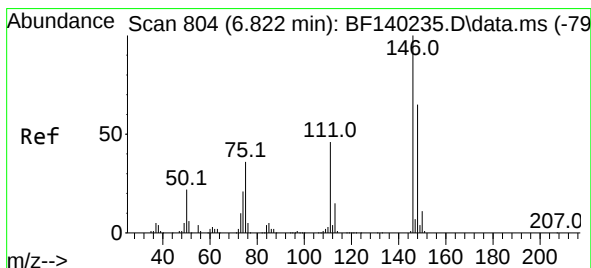
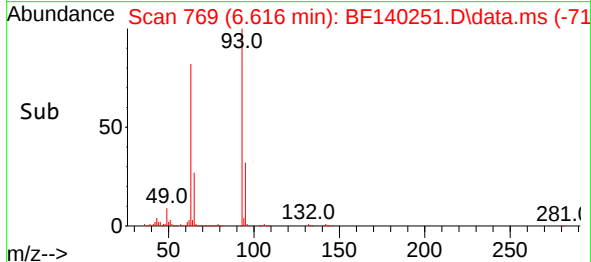
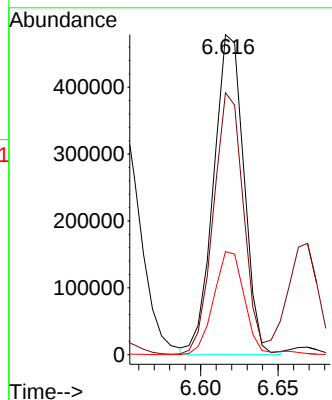
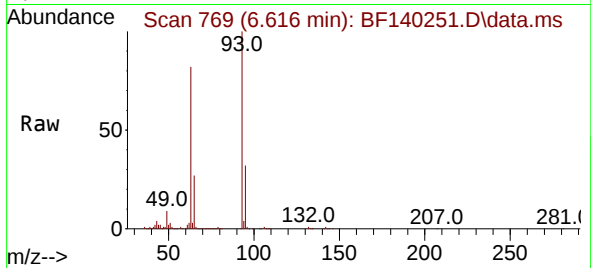




#11  
bis(2-Chloroethyl)ether  
Concen: 38.464 ng  
RT: 6.616 min Scan# 769  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

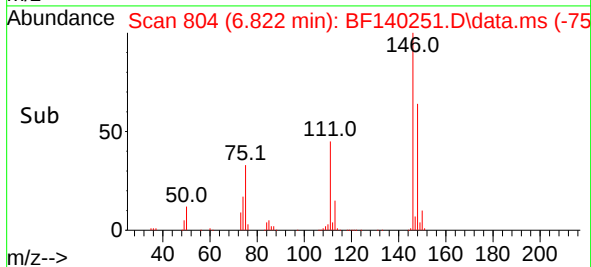
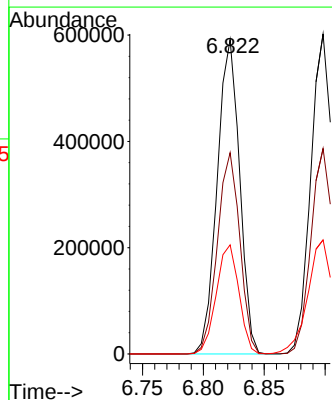
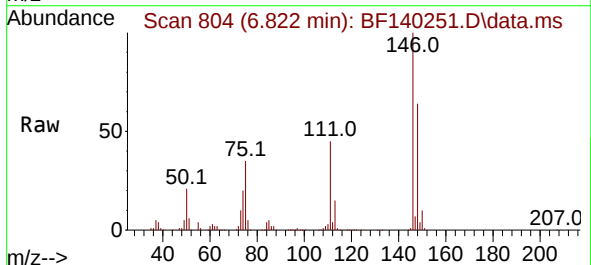
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ClientSampleId :  
SSTDCCC040EC

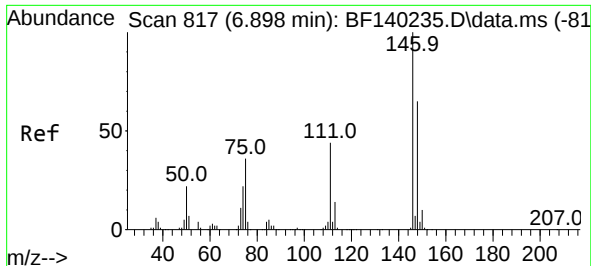
Tgt Ion: 93 Resp: 652085  
Ion Ratio Lower Upper  
93 100  
63 81.8 63.6 103.6  
95 32.2 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 37.837 ng  
RT: 6.822 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion: 146 Resp: 757900  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.7 77.5  
75 34.7 28.4 42.6

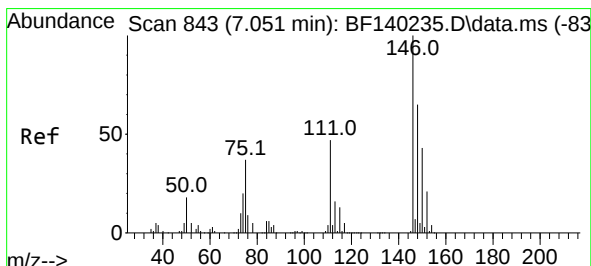
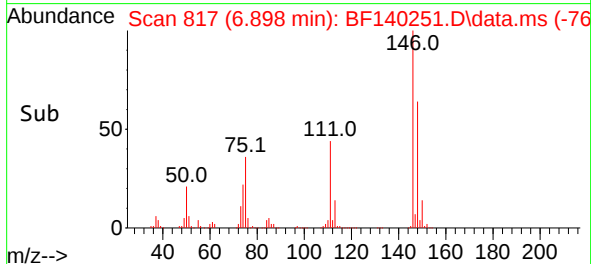
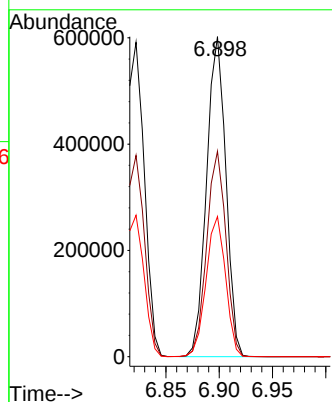
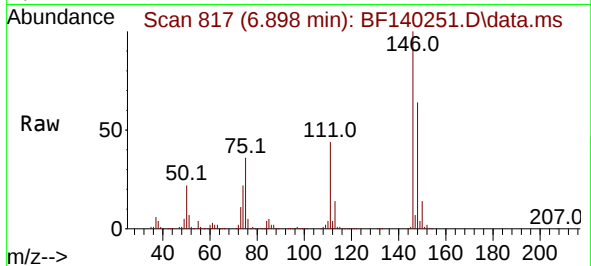




#13  
1,4-Dichlorobenzene  
Concen: 37.600 ng  
RT: 6.898 min Scan# 817  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

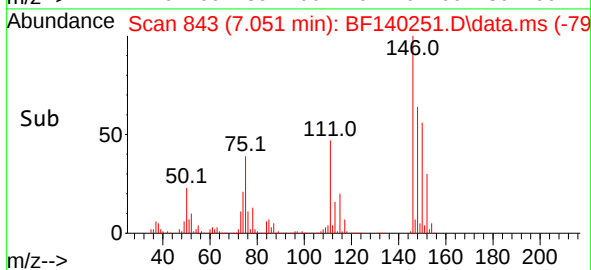
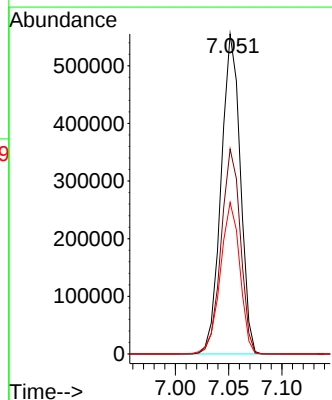
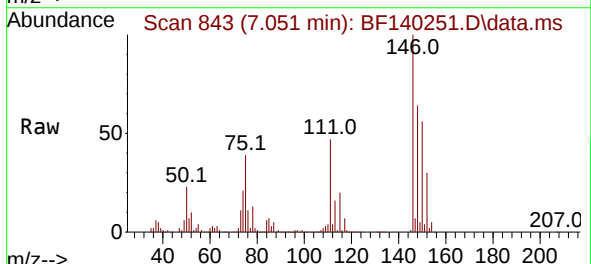
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

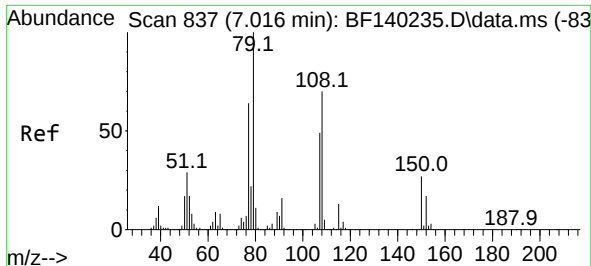
Tgt Ion:146 Resp: 759611  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.8 77.6  
111 43.8 35.4 53.2



#14  
1,2-Dichlorobenzene  
Concen: 36.750 ng  
RT: 7.051 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:146 Resp: 693430  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.8 77.6  
111 47.3 37.9 56.9

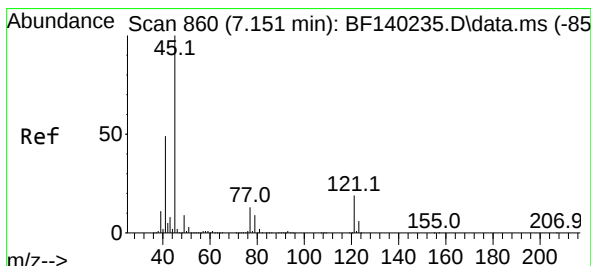
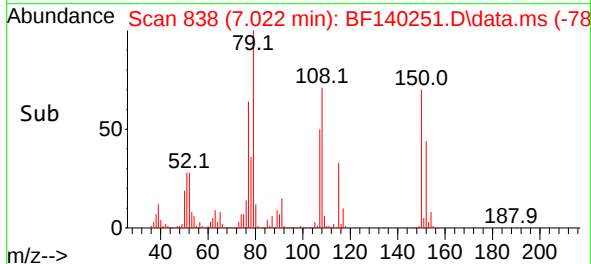
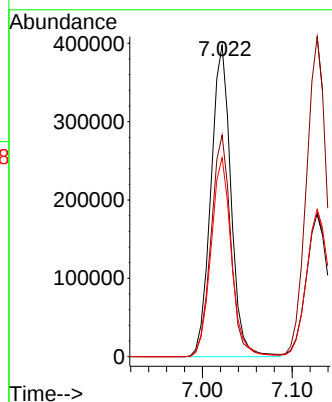
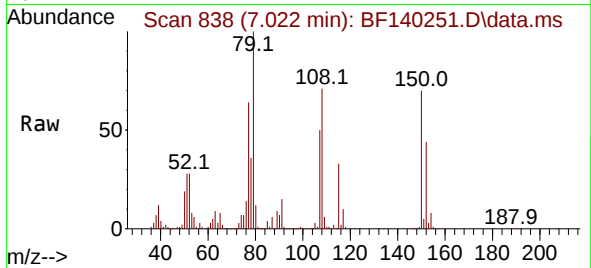




#15  
Benzyl Alcohol  
Concen: 38.028 ng  
RT: 7.022 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

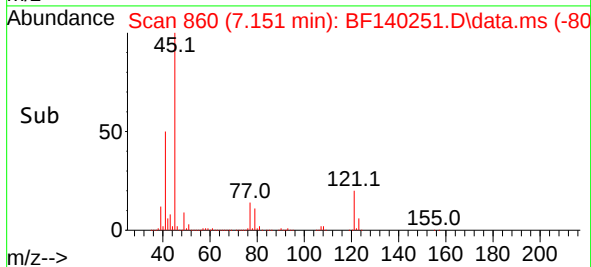
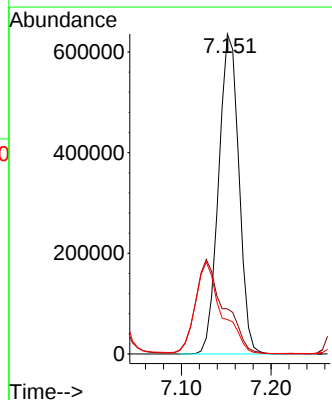
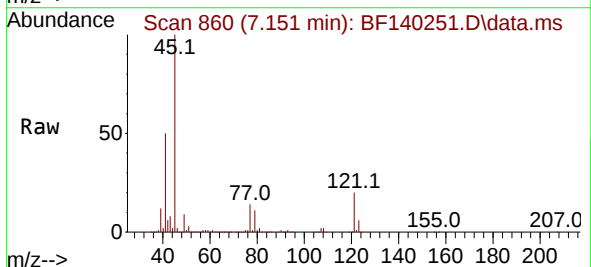
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

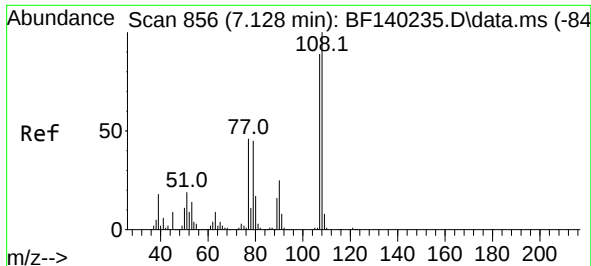
Tgt Ion: 79 Resp: 615992  
Ion Ratio Lower Upper  
79 100  
108 71.2 55.8 83.6  
77 63.9 51.1 76.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.315 ng  
RT: 7.151 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion: 45 Resp: 996542  
Ion Ratio Lower Upper  
45 100  
77 14.1 0.0 33.3  
79 10.7 0.0 29.9

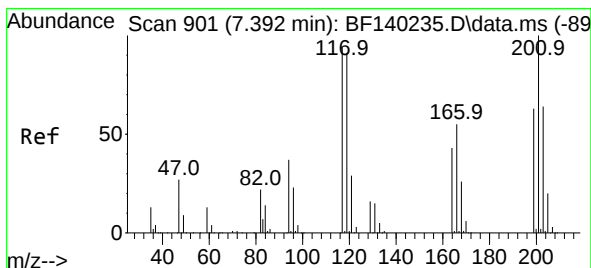
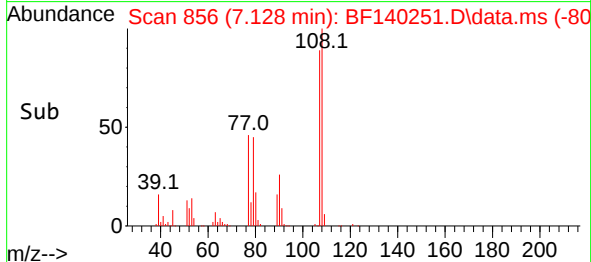
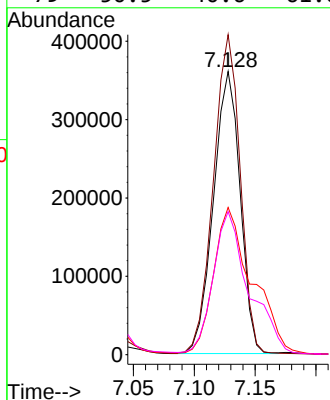
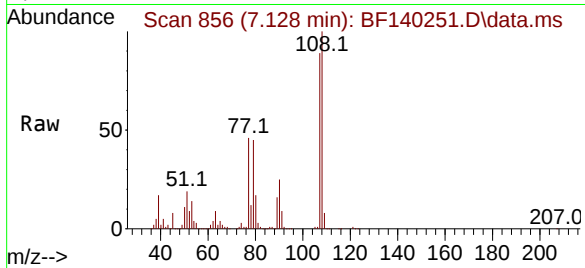




#17  
2-Methylphenol  
Concen: 38.584 ng  
RT: 7.128 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

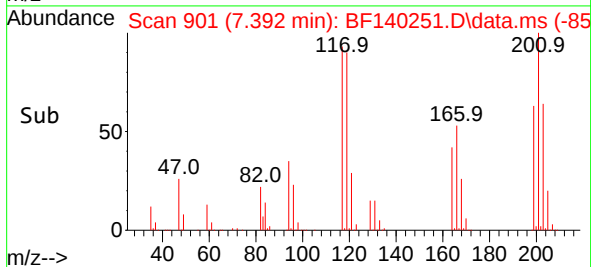
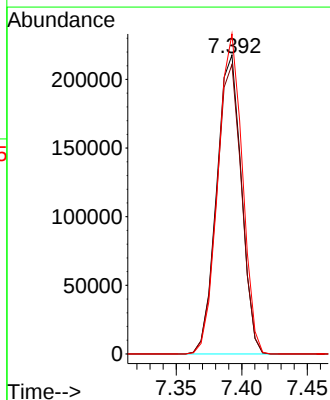
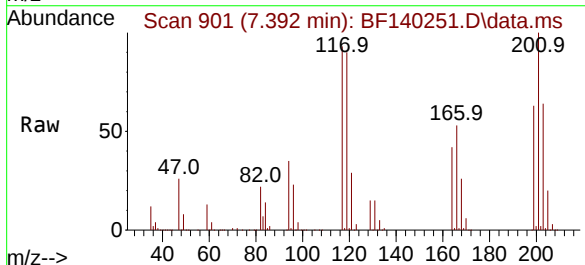
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

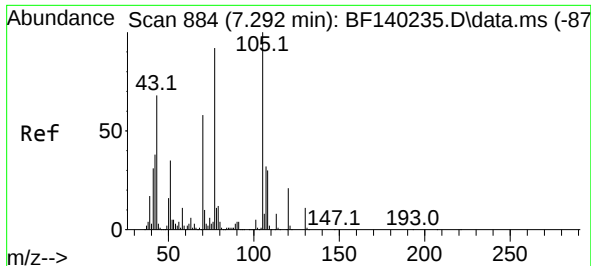
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 550171 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.0 | 90.5  | 135.7  |
| 77       | 52.0  | 41.8  | 62.6   |
| 79       | 50.5  | 40.6  | 61.0   |



#18  
Hexachloroethane  
Concen: 37.922 ng  
RT: 7.392 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 285370 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.9  | 77.3  | 115.9  |
| 201      | 107.1 | 85.1  | 127.7  |



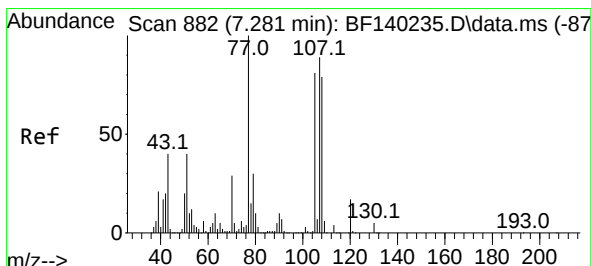
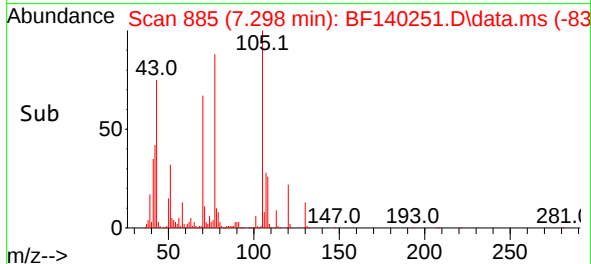
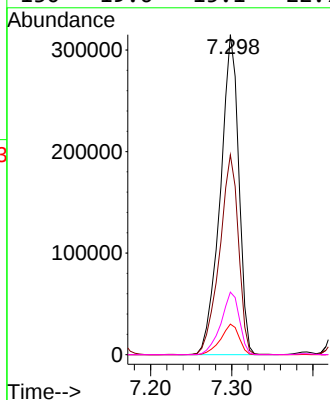
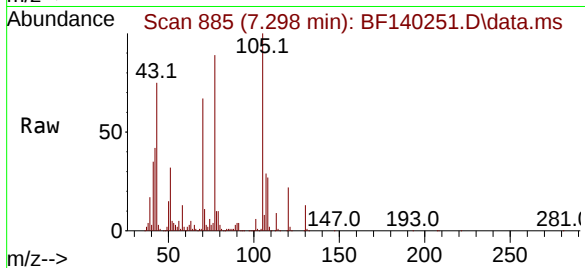


#19  
n-Nitroso-di-n-propylamine  
Concen: 37.271 ng  
RT: 7.298 min Scan# 884  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 70 Resp: 499626

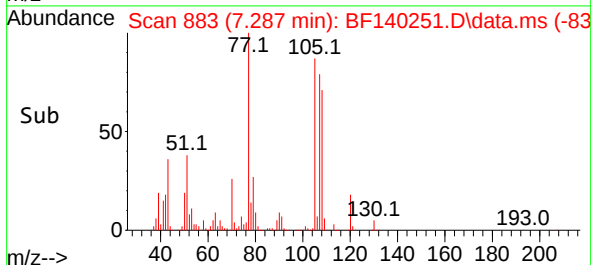
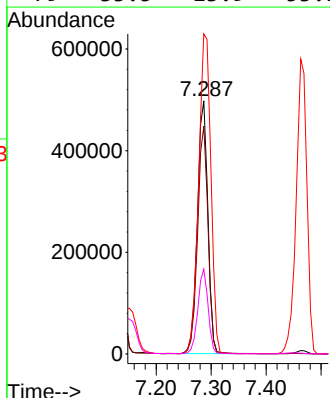
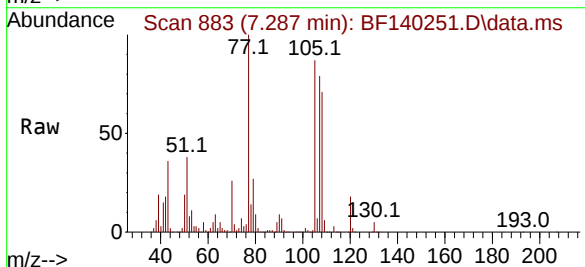
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 62.5  | 52.8  | 79.2  |
| 101 | 9.5   | 7.4   | 11.2  |
| 130 | 19.6  | 15.1  | 22.7  |

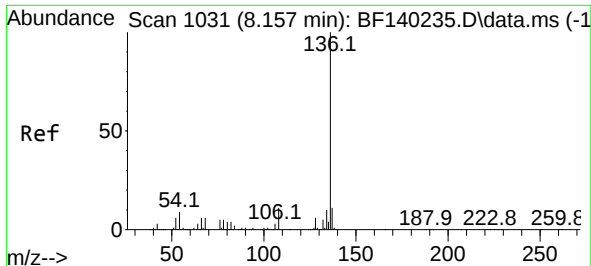


#20  
3+4-Methylphenols  
Concen: 36.882 ng  
RT: 7.287 min Scan# 883  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion: 107 Resp: 660501

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.0  | 69.4  | 109.4 |
| 77  | 126.4 | 92.7  | 132.7 |
| 79  | 33.5  | 13.9  | 53.9  |

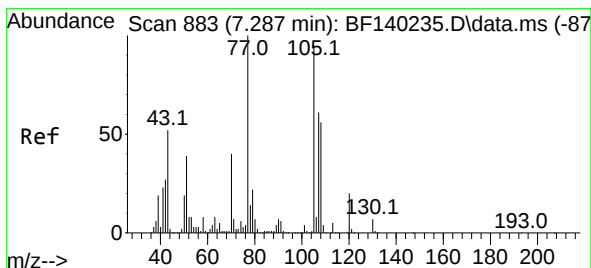
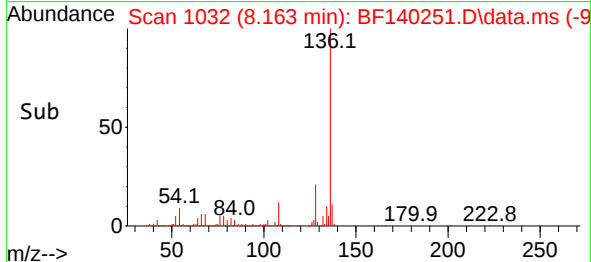
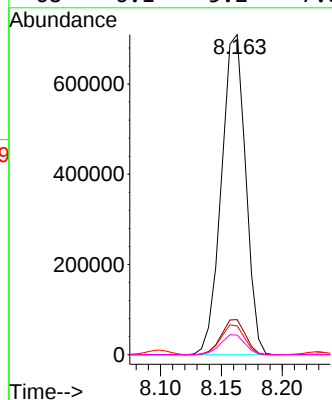
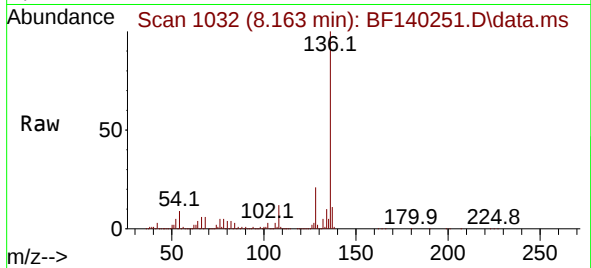




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1032  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

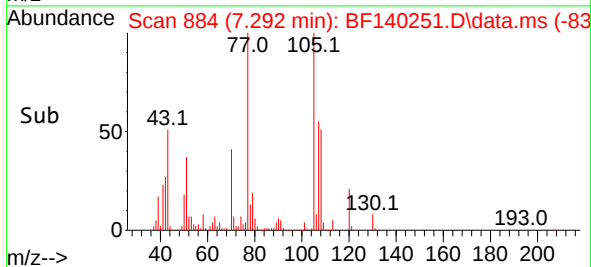
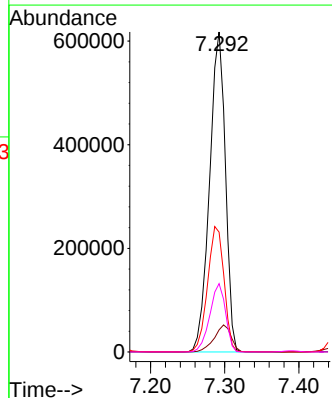
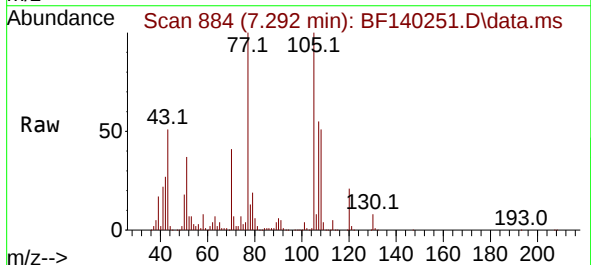
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BNA\_F  
ClientSampleId :  
SSTDCCC040EC

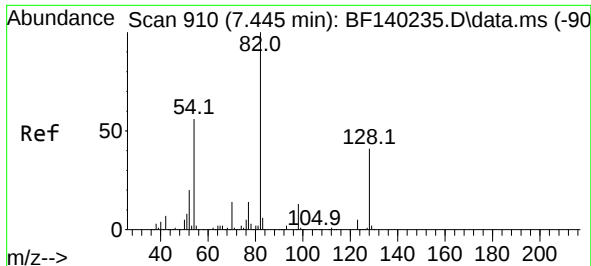
Tgt Ion:136 Resp: 983427  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.0 13.6  
54 9.0 7.7 11.5  
68 6.1 5.2 7.8



#22  
Acetophenone  
Concen: 37.573 ng  
RT: 7.292 min Scan# 884  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:105 Resp: 916127  
Ion Ratio Lower Upper  
105 100  
71 6.9 5.6 8.4  
51 37.5 33.2 49.8  
120 21.3 16.8 25.2





#23

Nitrobenzene-d5

Concen: 75.454 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

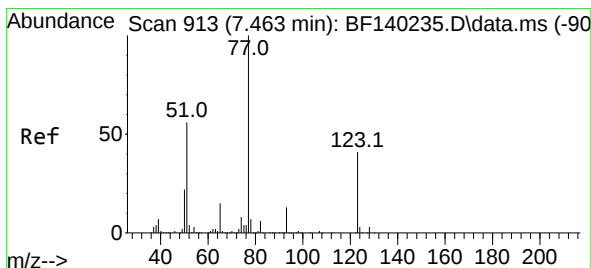
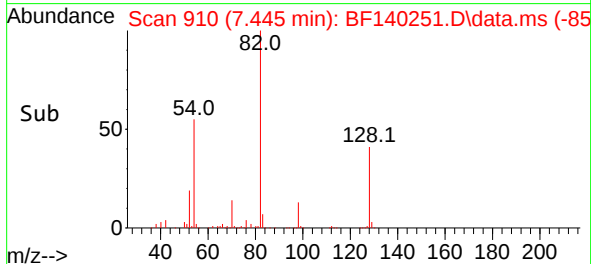
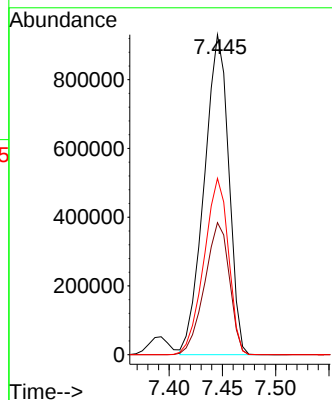
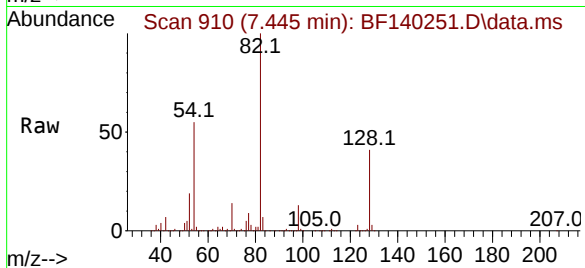
Tgt Ion: 82 Resp: 1492472

Ion Ratio Lower Upper

82 100

128 41.2 32.8 49.2

54 55.1 44.3 66.5



#24

Nitrobenzene

Concen: 37.969 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

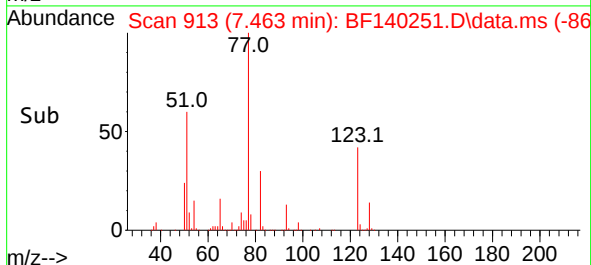
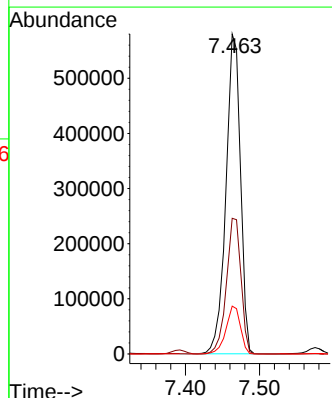
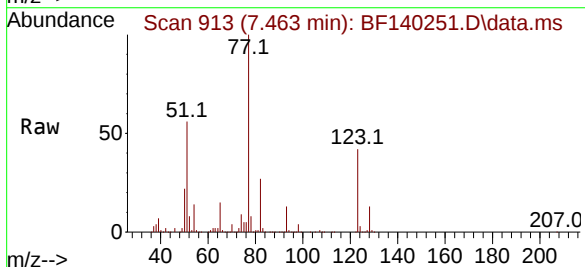
Tgt Ion: 77 Resp: 788051

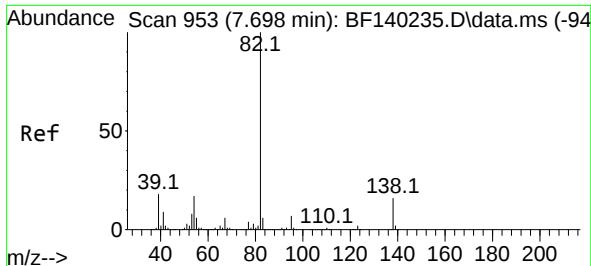
Ion Ratio Lower Upper

77 100

123 42.4 33.0 49.4

65 15.0 11.7 17.5

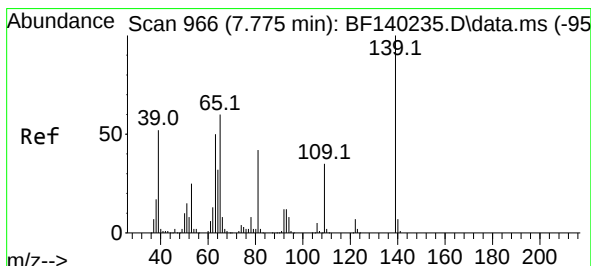
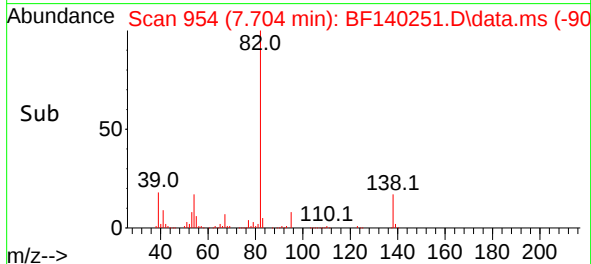
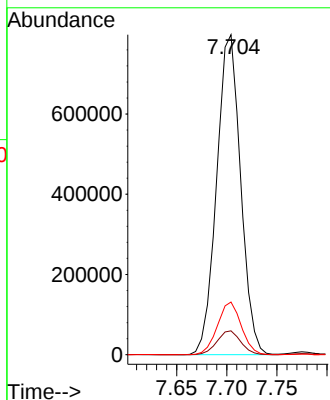
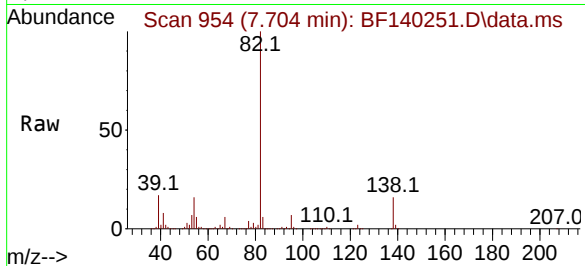




#25  
Isophorone  
Concen: 38.955 ng  
RT: 7.704 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

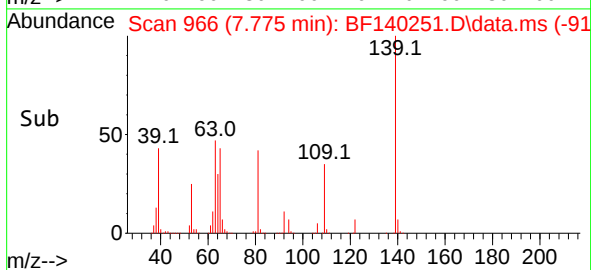
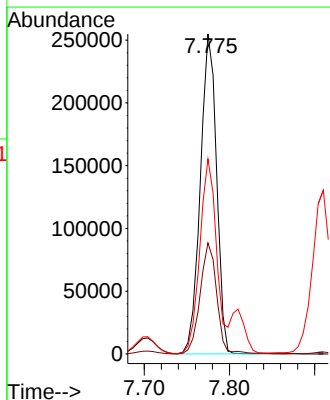
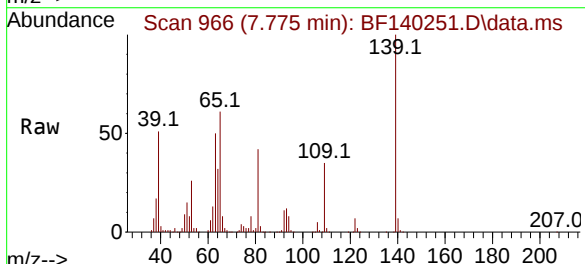
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

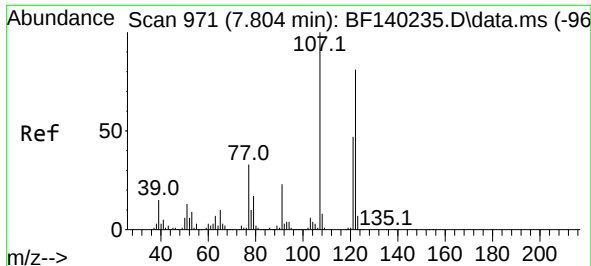
Tgt Ion: 82 Resp: 1326762  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.0 9.0  
138 16.4 12.9 19.3



#26  
2-Nitrophenol  
Concen: 40.796 ng  
RT: 7.775 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:139 Resp: 336819  
Ion Ratio Lower Upper  
139 100  
109 34.7 27.8 41.8  
65 61.0 48.2 72.2

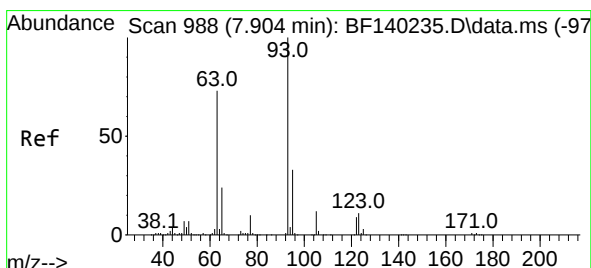
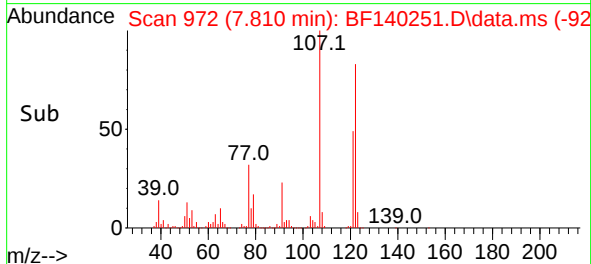
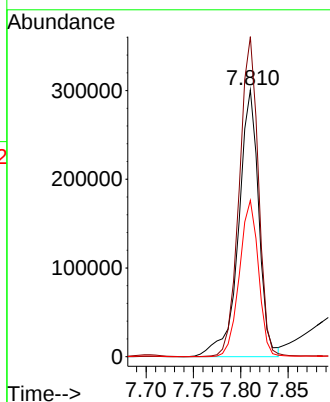
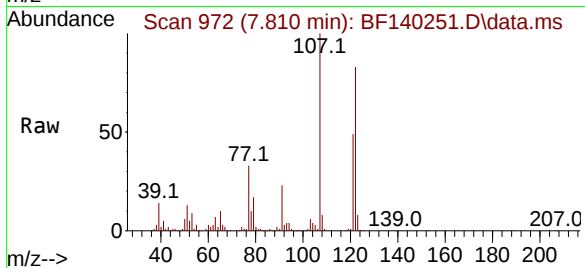




#27  
2,4-Dimethylphenol  
Concen: 39.606 ng  
RT: 7.810 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

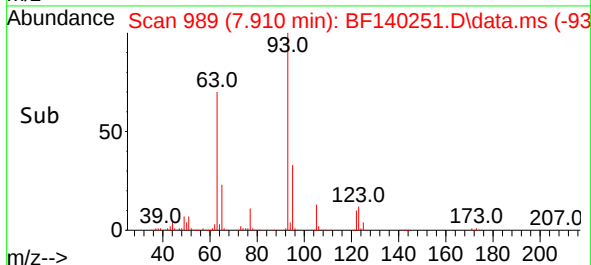
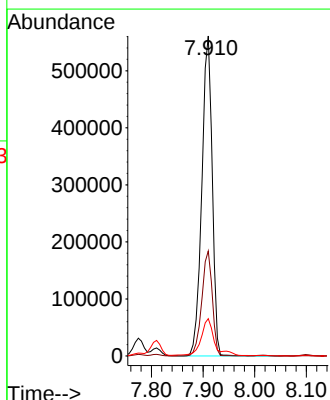
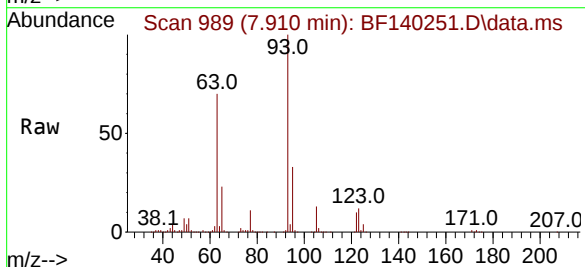
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

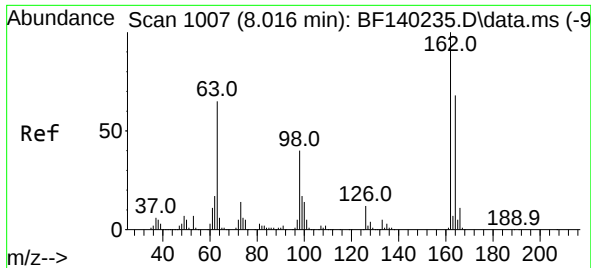
Tgt Ion:122 Resp: 444846  
Ion Ratio Lower Upper  
122 100  
107 120.0 99.4 149.0  
121 58.6 47.1 70.7



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.531 ng  
RT: 7.910 min Scan# 989  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion: 93 Resp: 785322  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.1 39.1  
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.465 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

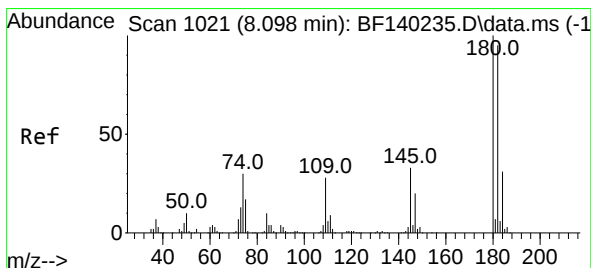
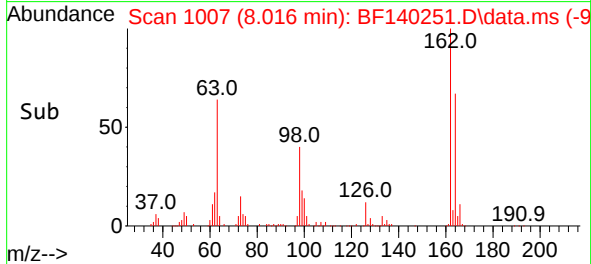
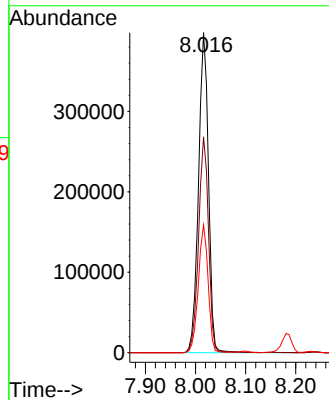
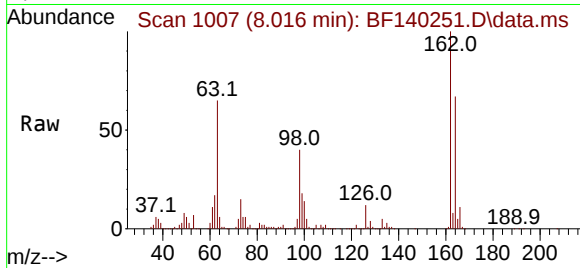
Tgt Ion:162 Resp: 548362

Ion Ratio Lower Upper

162 100

164 67.4 47.5 87.5

98 39.9 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 38.669 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

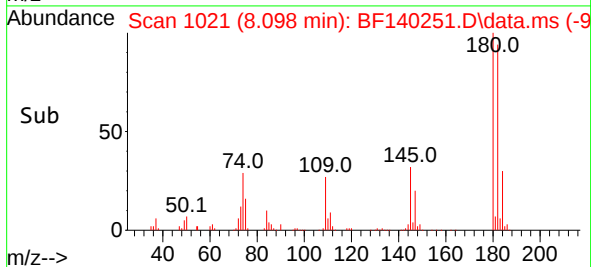
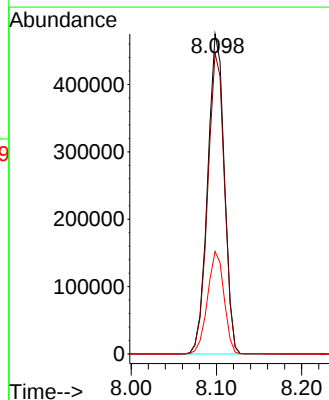
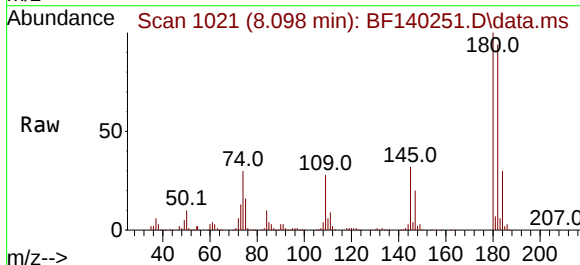
Tgt Ion:180 Resp: 643867

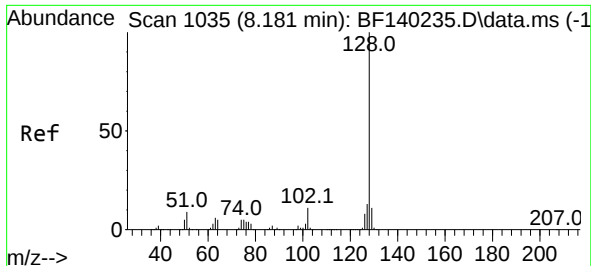
Ion Ratio Lower Upper

180 100

182 94.0 75.9 113.9

145 32.0 26.1 39.1

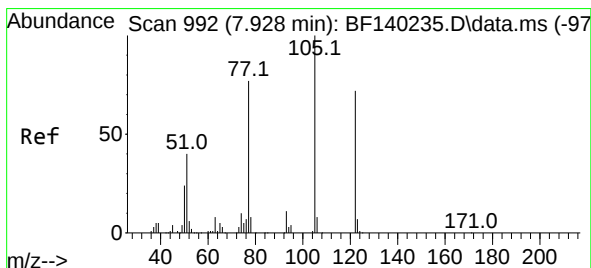
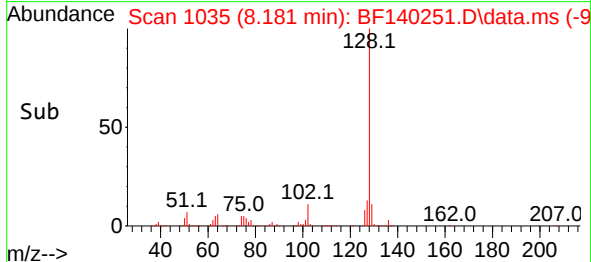
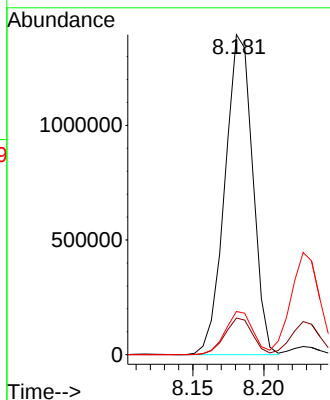
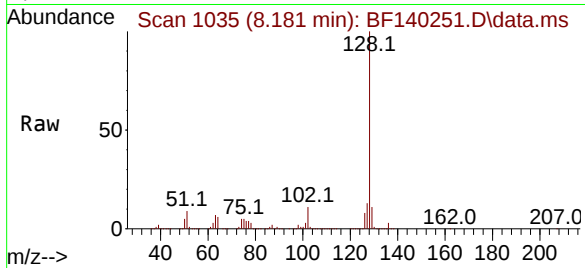




#31  
Naphthalene  
Concen: 37.273 ng  
RT: 8.181 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

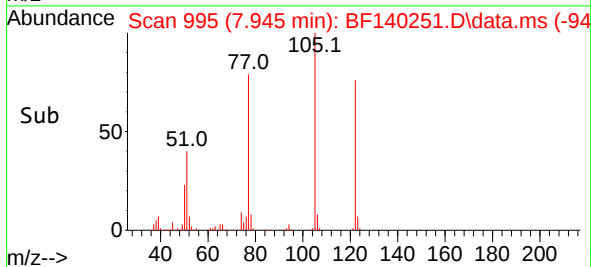
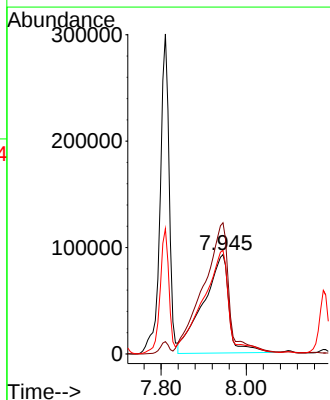
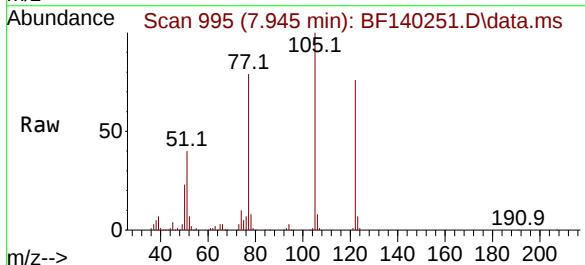
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

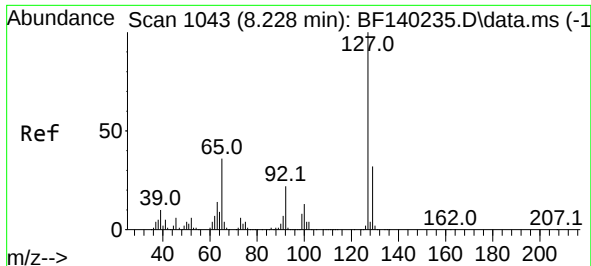
Tgt Ion:128 Resp: 1892818  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.6  
127 13.5 10.7 16.1



#32  
Benzoic acid  
Concen: 42.293 ng  
RT: 7.945 min Scan# 995  
Delta R.T. 0.017 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:122 Resp: 389839  
Ion Ratio Lower Upper  
122 100  
105 132.0 112.6 152.6  
77 104.1 84.3 124.3

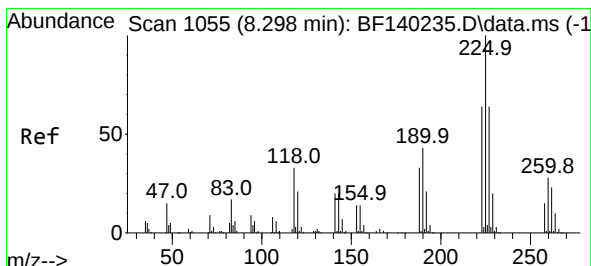
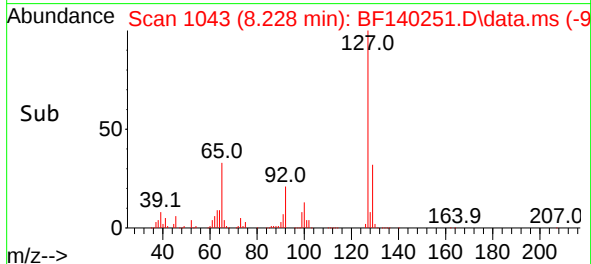
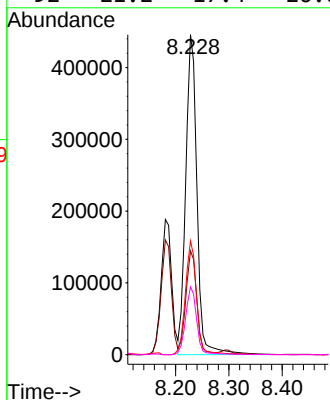
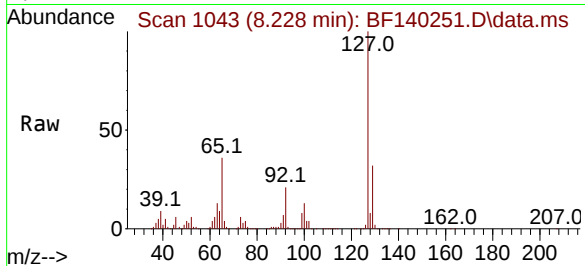




#33  
4-Chloroaniline  
Concen: 38.986 ng  
RT: 8.228 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

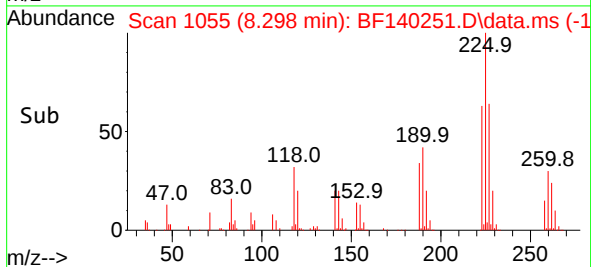
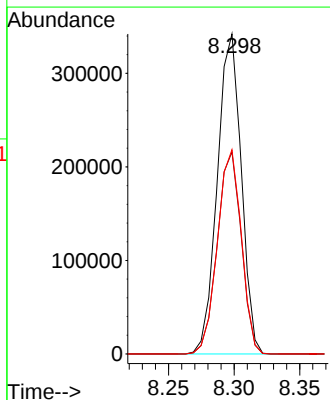
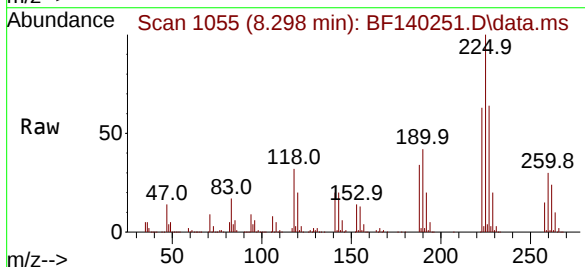
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

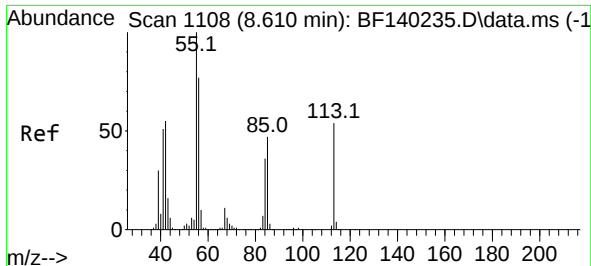
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 651775 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 25.8  | 38.6   |
| 65       | 35.6  | 29.0  | 43.6   |
| 92       | 21.2  | 17.4  | 26.0   |



#34  
Hexachlorobutadiene  
Concen: 38.504 ng  
RT: 8.298 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 433944 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 50.8  | 76.2   |
| 227      | 63.8  | 51.0  | 76.6   |

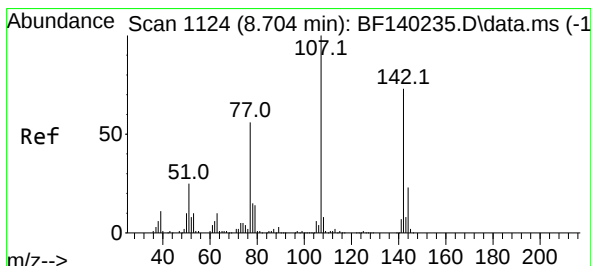
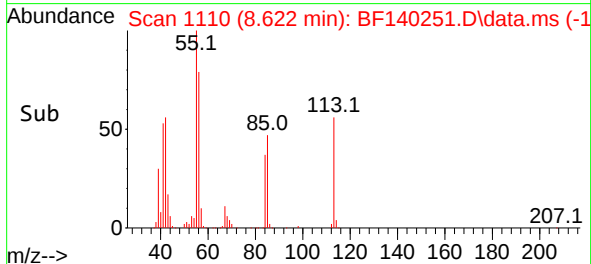
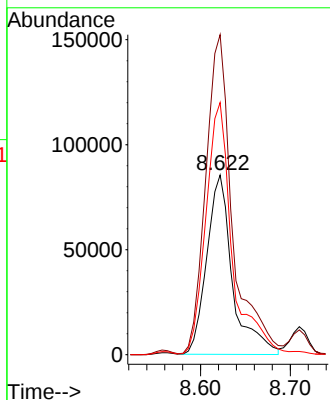
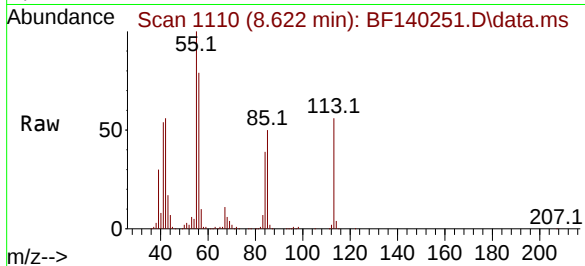




#35  
Caprolactam  
Concen: 40.326 ng  
RT: 8.622 min Scan# 1110  
Delta R.T. 0.012 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

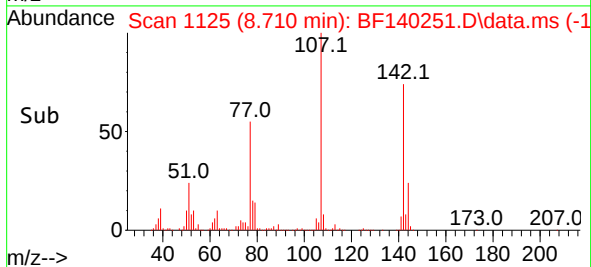
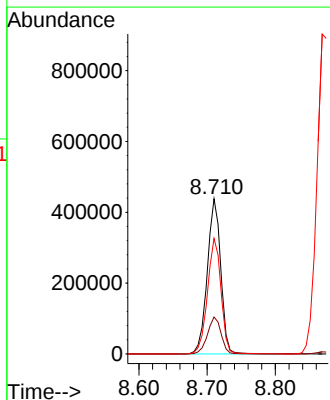
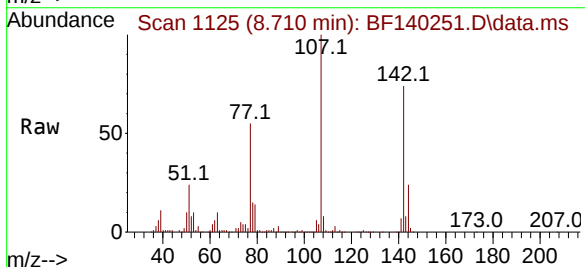
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

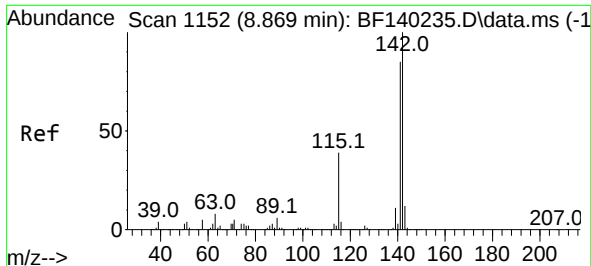
Tgt Ion:113 Resp: 170454  
Ion Ratio Lower Upper  
113 100  
55 178.1 165.2 205.2  
56 140.3 122.1 162.1



#36  
4-Chloro-3-methylphenol  
Concen: 39.010 ng  
RT: 8.710 min Scan# 1125  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:107 Resp: 603519  
Ion Ratio Lower Upper  
107 100  
144 23.8 18.6 27.8  
142 74.5 58.1 87.1

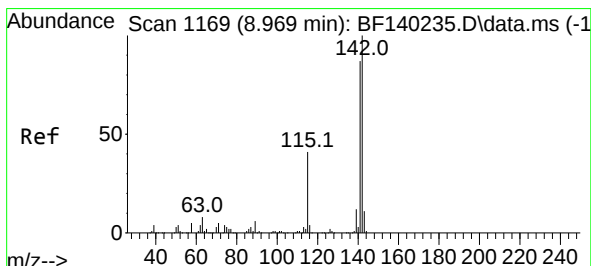
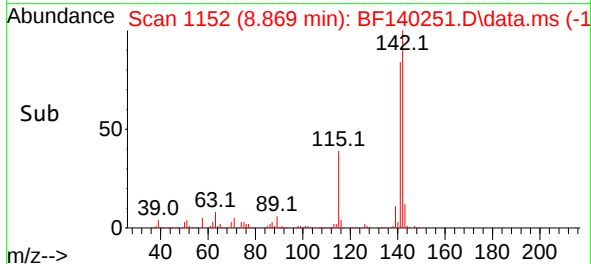
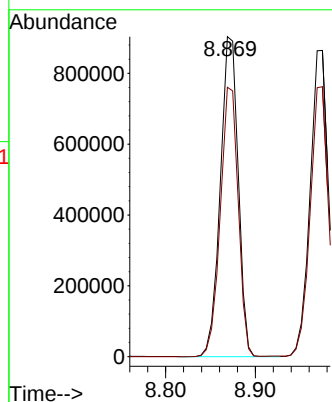
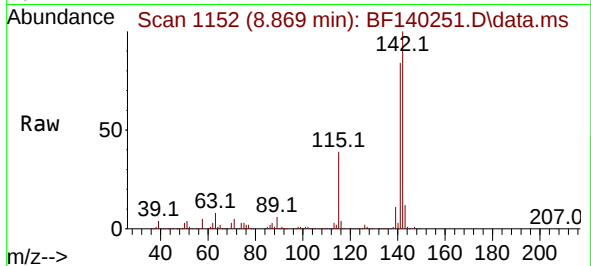




#37  
2-Methylnaphthalene  
Concen: 37.798 ng  
RT: 8.869 min Scan# 1152  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

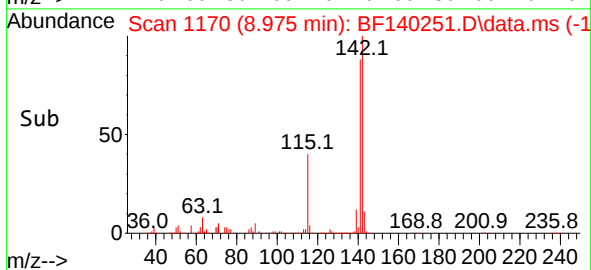
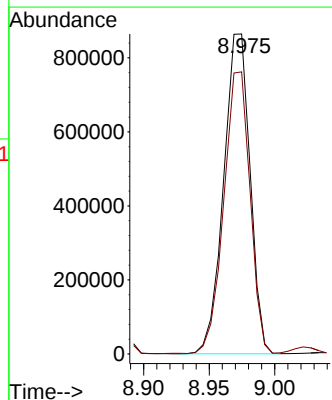
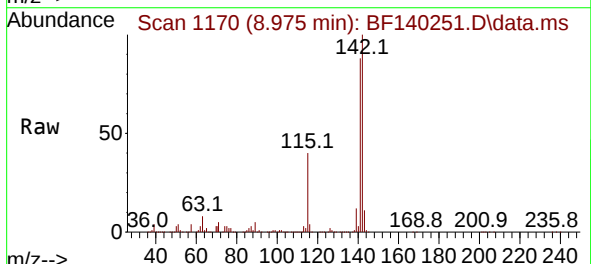
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

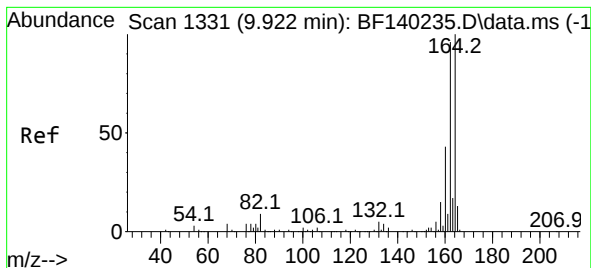
Tgt Ion:142 Resp: 1252720  
Ion Ratio Lower Upper  
142 100  
141 84.2 67.8 101.8



#38  
1-Methylnaphthalene  
Concen: 37.261 ng  
RT: 8.975 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:142 Resp: 1210452  
Ion Ratio Lower Upper  
142 100  
141 88.2 69.7 104.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF140251.D

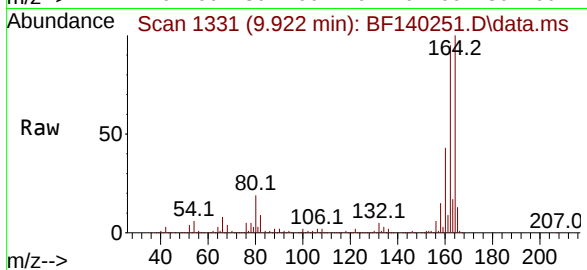
Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC



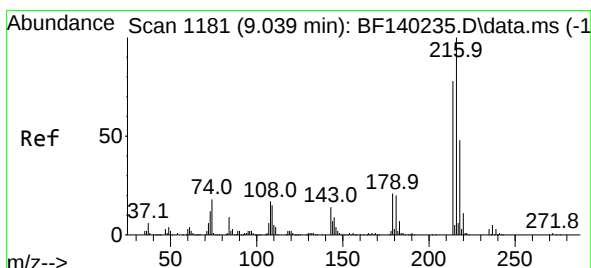
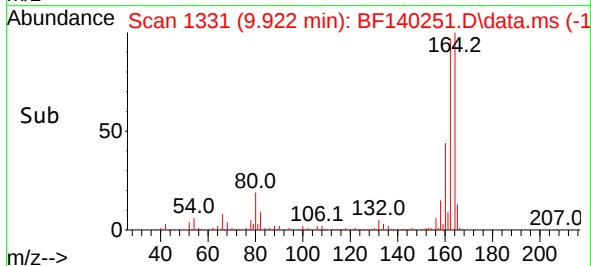
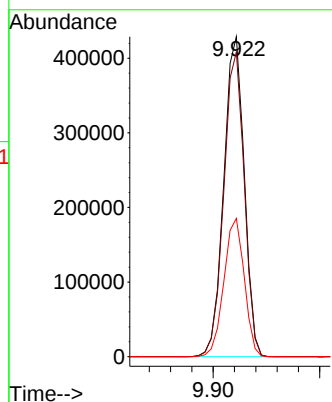
Tgt Ion:164 Resp: 572181

Ion Ratio Lower Upper

164 100

162 95.2 77.0 115.4

160 43.2 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.131 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Tgt Ion:216 Resp: 638715

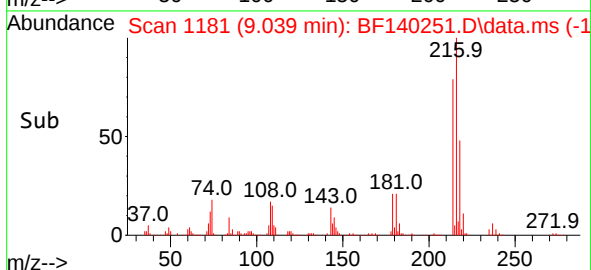
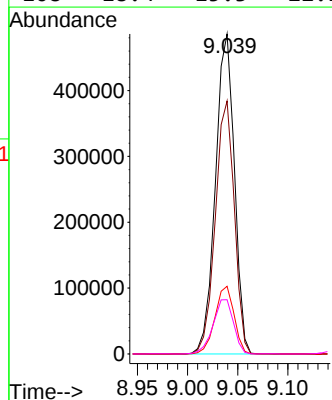
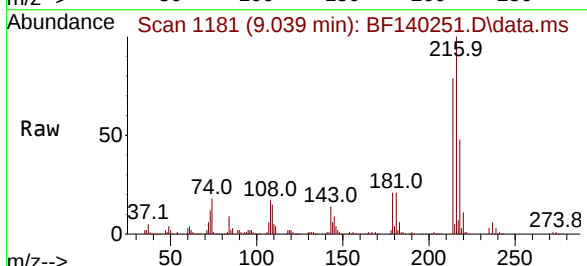
Ion Ratio Lower Upper

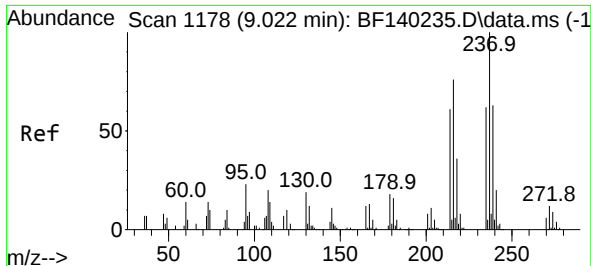
216 100

214 79.1 62.8 94.2

179 21.3 17.3 25.9

108 18.4 15.3 22.9

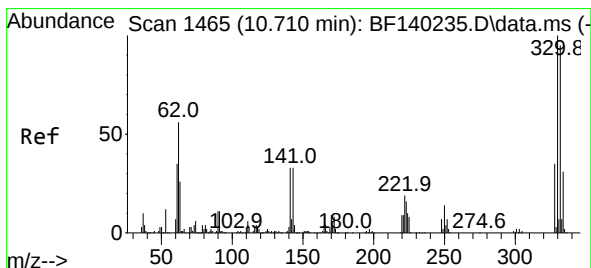
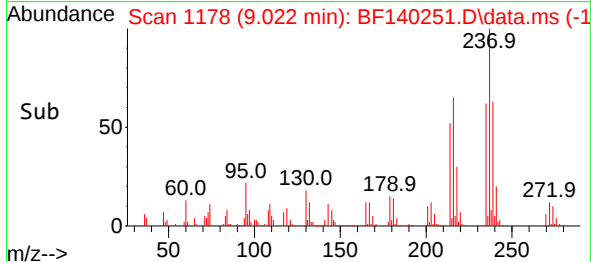
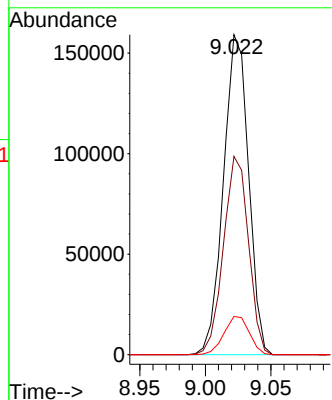
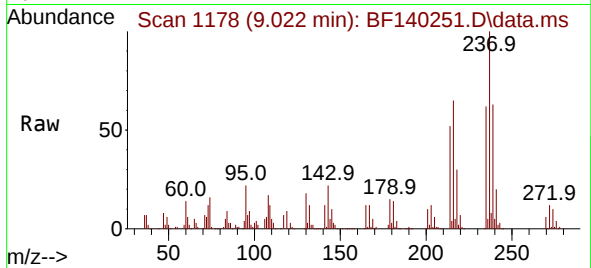




#41  
Hexachlorocyclopentadiene  
Concen: 45.103 ng  
RT: 9.022 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

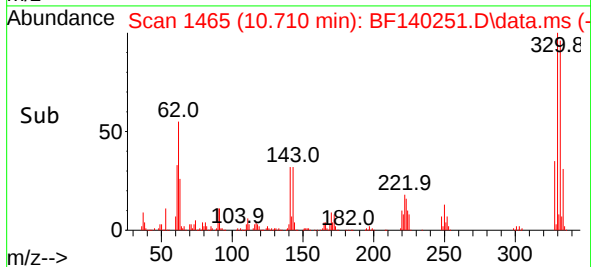
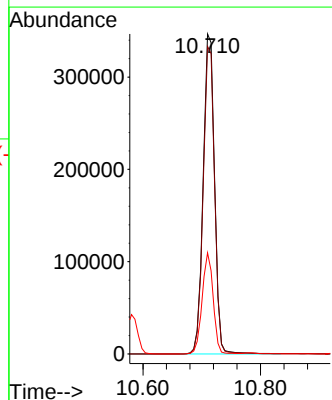
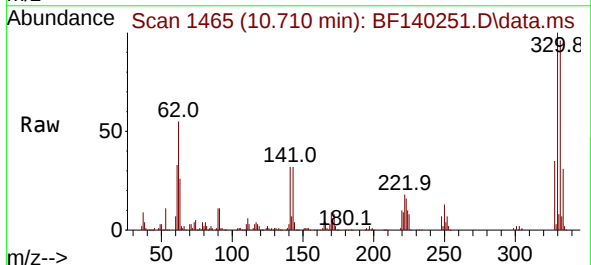
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

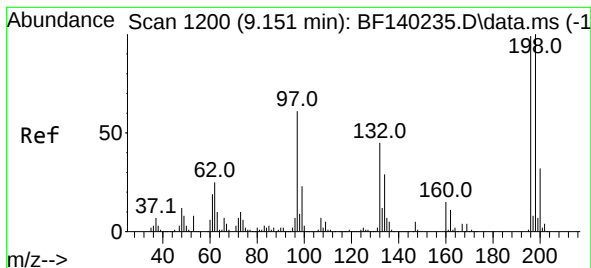
Tgt Ion: 237 Resp: 211702  
Ion Ratio Lower Upper  
237 100  
235 62.0 41.8 81.8  
272 11.9 0.0 31.8



#42  
2,4,6-Tribromophenol  
Concen: 82.383 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion: 330 Resp: 465933  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.4 114.6  
141 30.6 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 39.145 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

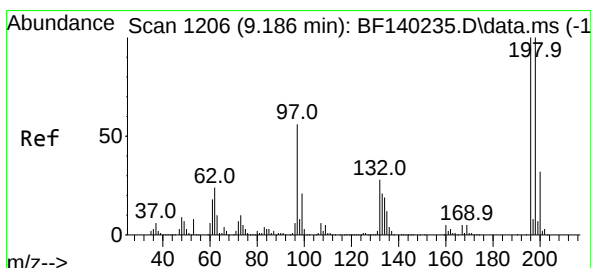
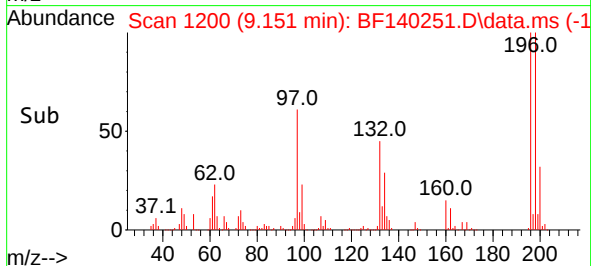
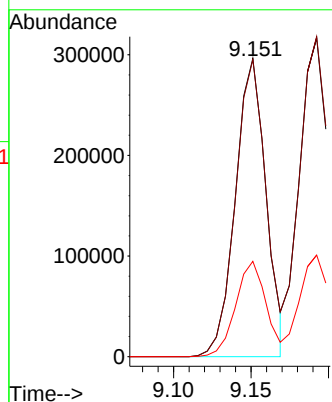
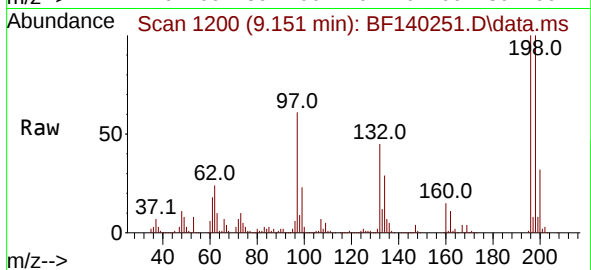
Tgt Ion:196 Resp: 406329

Ion Ratio Lower Upper

196 100

198 99.7 80.8 121.2

200 32.0 26.0 39.0



#44

2,4,5-Trichlorophenol

Concen: 39.272 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Tgt Ion:196 Resp: 428624

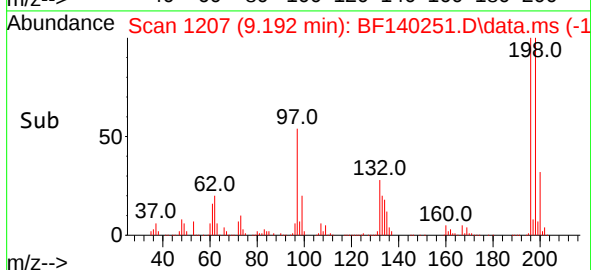
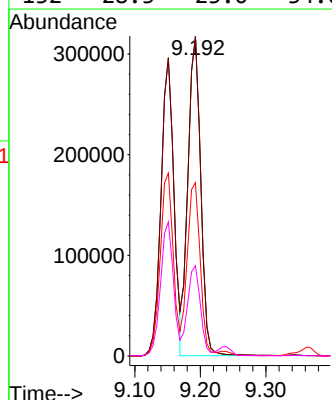
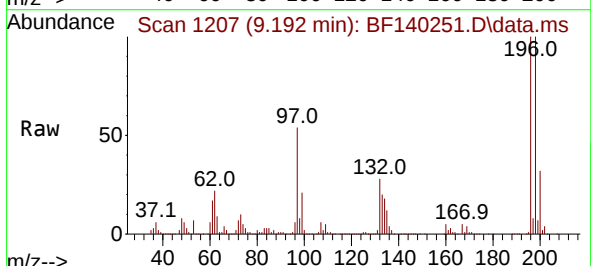
Ion Ratio Lower Upper

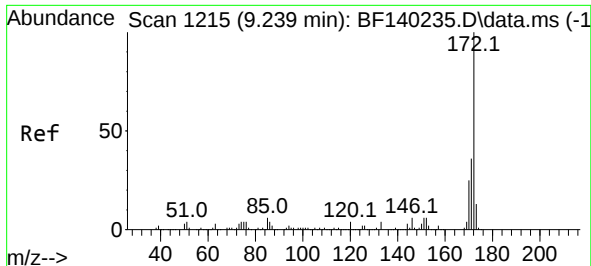
196 100

198 100.5 80.0 120.0

97 54.4 45.7 68.5

132 28.3 23.0 34.6





#45

2-Fluorobiphenyl

Concen: 72.719 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

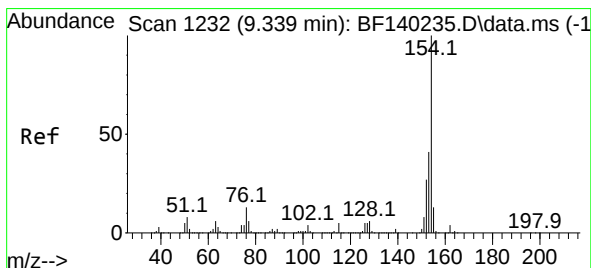
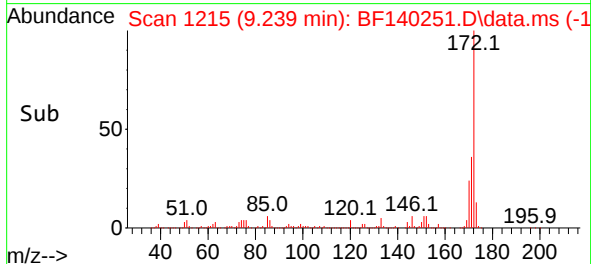
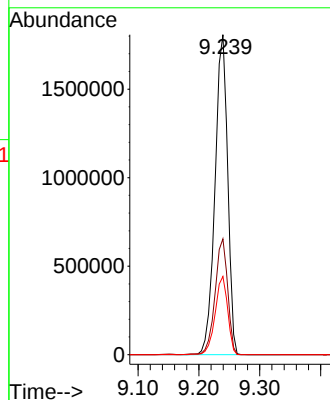
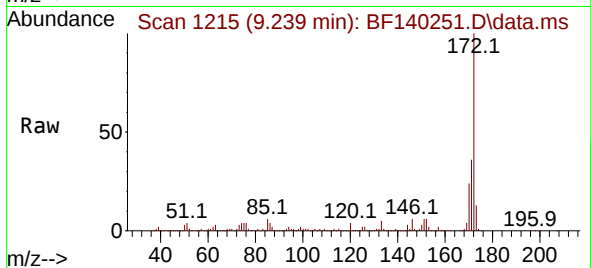
Tgt Ion:172 Resp: 2605750

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.5 19.6 29.4



#46

1,1'-Biphenyl

Concen: 36.830 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

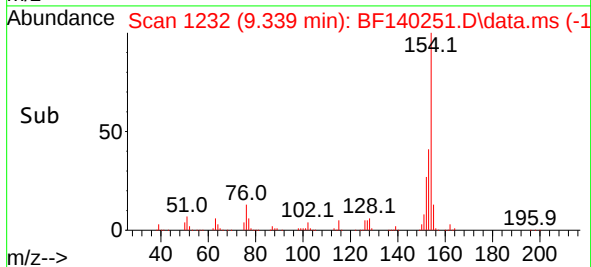
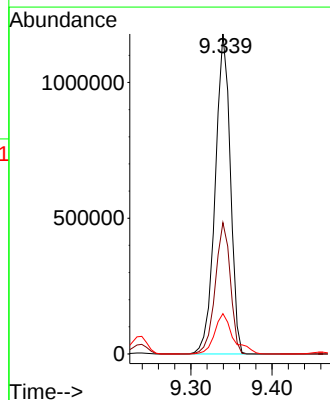
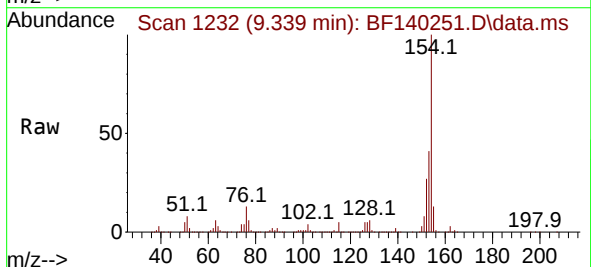
Tgt Ion:154 Resp: 1523223

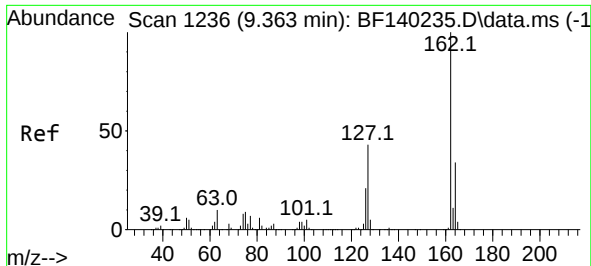
Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

76 12.6 0.0 32.6





#47

2-Chloronaphthalene

Concen: 37.289 ng

RT: 9.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

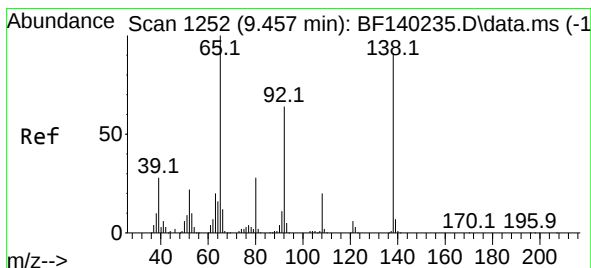
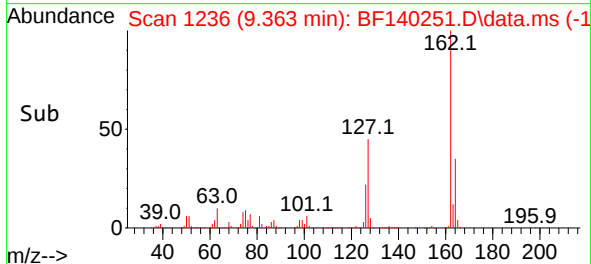
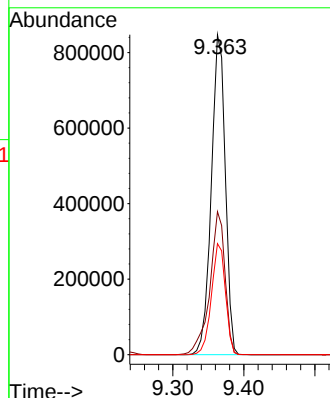
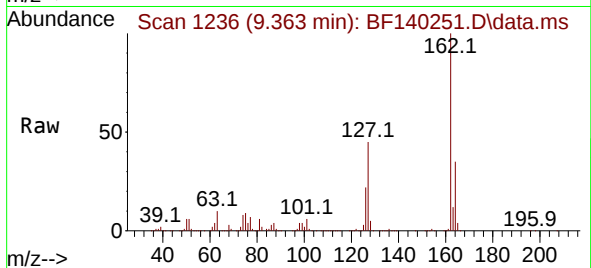
Tgt Ion:162 Resp: 1160728

Ion Ratio Lower Upper

162 100

127 44.7 34.8 52.2

164 34.7 27.3 40.9



#48

2-Nitroaniline

Concen: 39.012 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

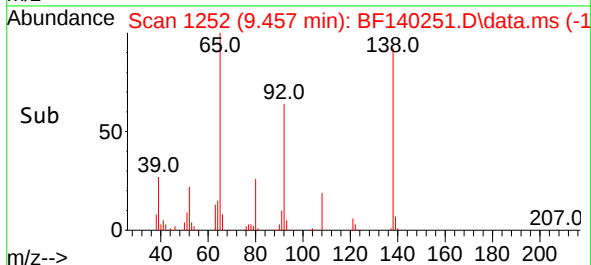
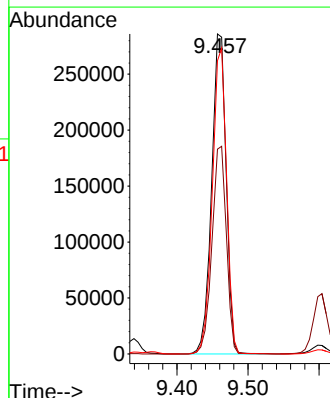
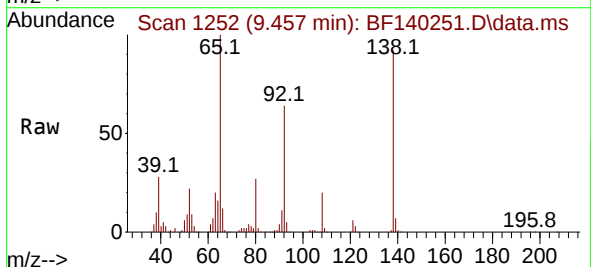
Tgt Ion: 65 Resp: 406116

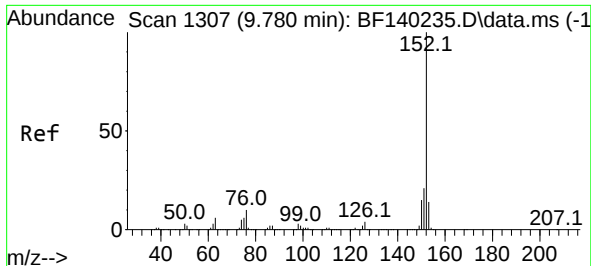
Ion Ratio Lower Upper

65 100

92 64.0 51.6 77.4

138 91.7 73.0 109.6

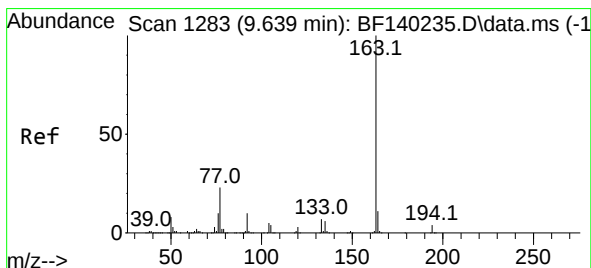
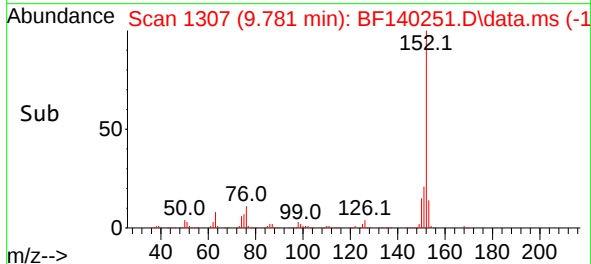
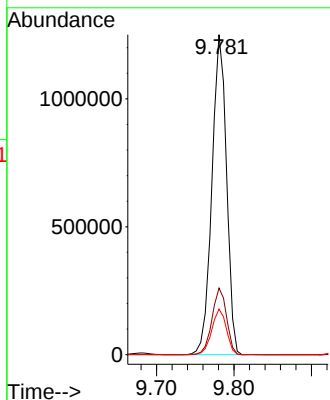
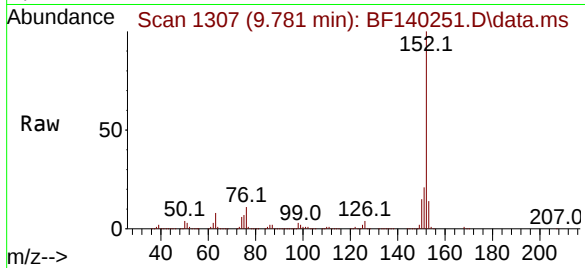




#49  
Acenaphthylene  
Concen: 37.113 ng  
RT: 9.781 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

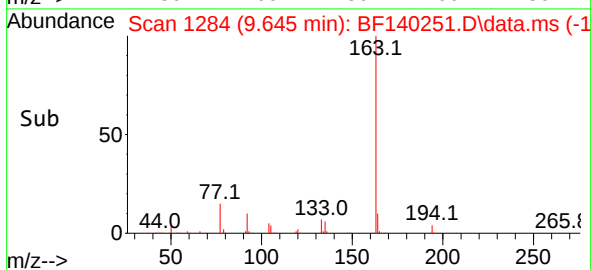
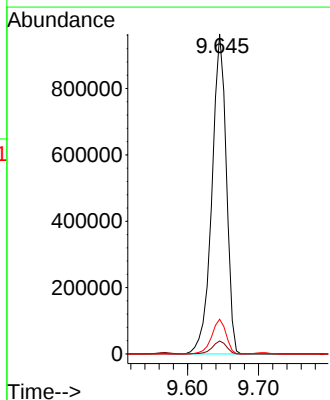
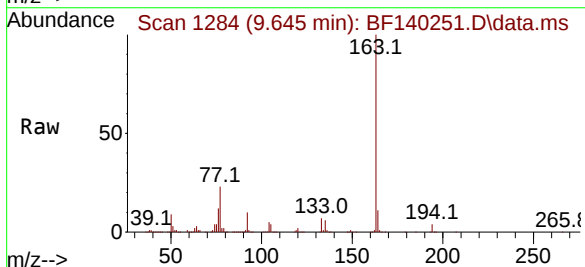
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

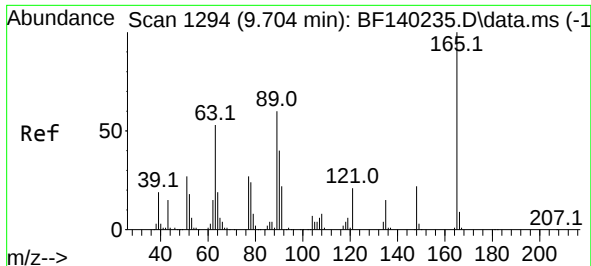
Tgt Ion:152 Resp: 1635591  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.4 24.6  
153 14.3 11.1 16.7



#50  
Dimethylphthalate  
Concen: 38.512 ng  
RT: 9.645 min Scan# 1284  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:163 Resp: 1357105  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.2 4.8  
164 10.8 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 38.980 ng

RT: 9.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

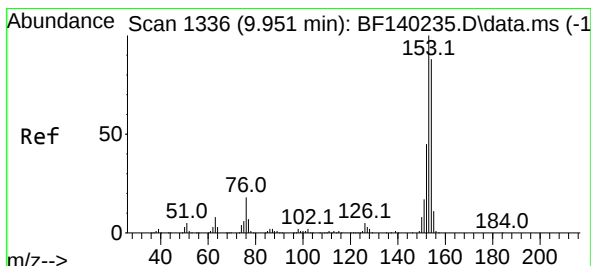
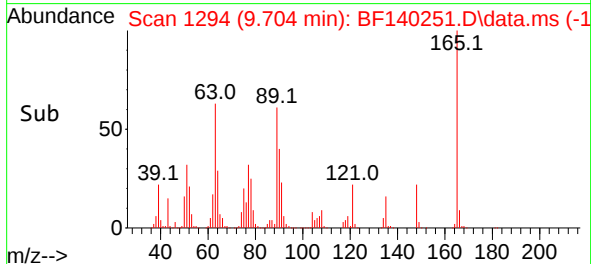
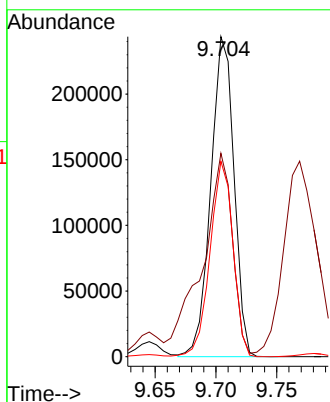
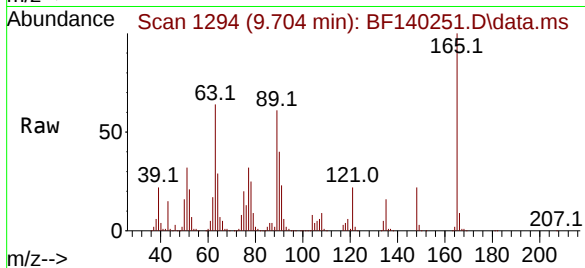
Tgt Ion:165 Resp: 322879

Ion Ratio Lower Upper

165 100

63 63.6 48.8 73.2

89 61.0 48.1 72.1



#52

Acenaphthene

Concen: 37.914 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

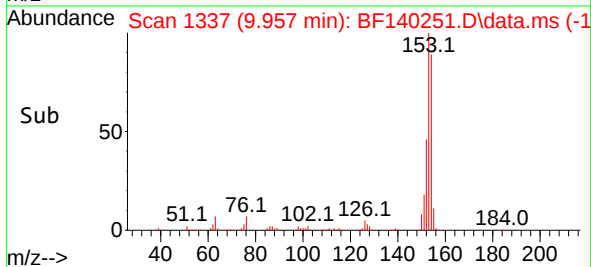
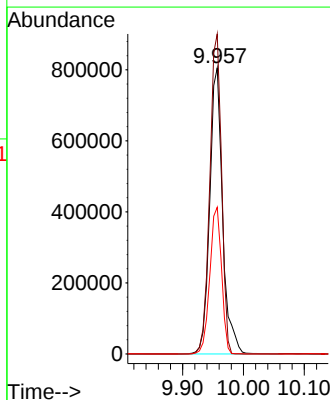
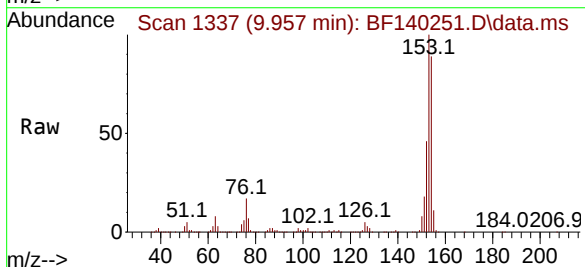
Tgt Ion:154 Resp: 1185144

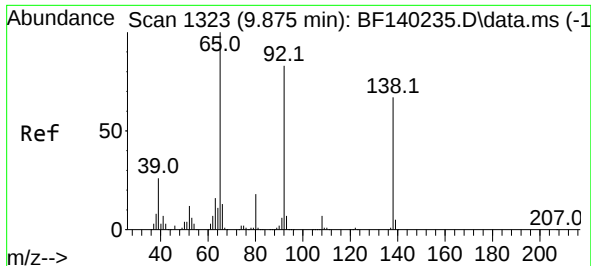
Ion Ratio Lower Upper

154 100

153 111.9 91.3 136.9

152 51.3 41.4 62.2

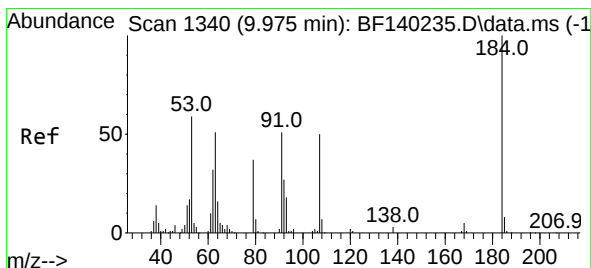
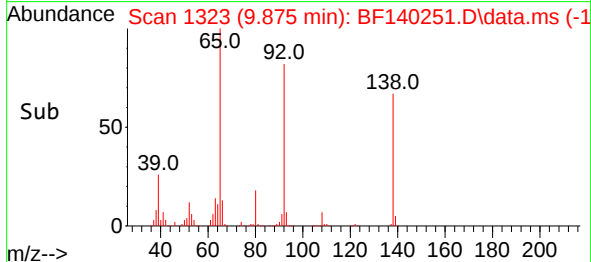
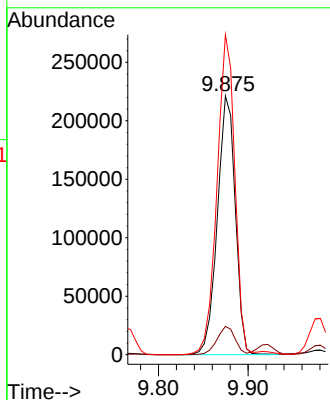
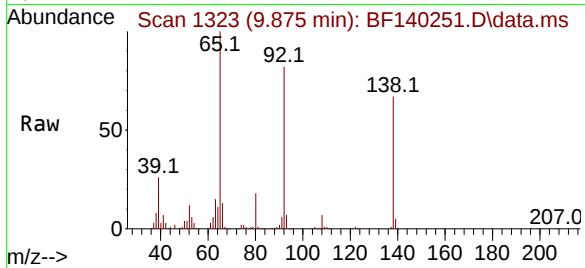




#53  
3-Nitroaniline  
Concen: 39.404 ng  
RT: 9.875 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

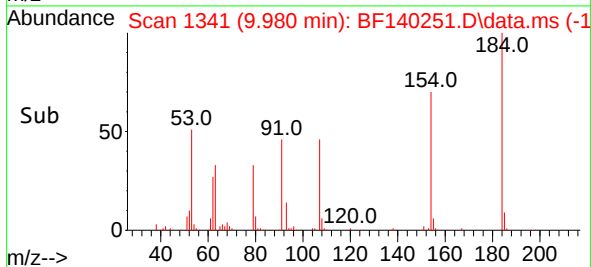
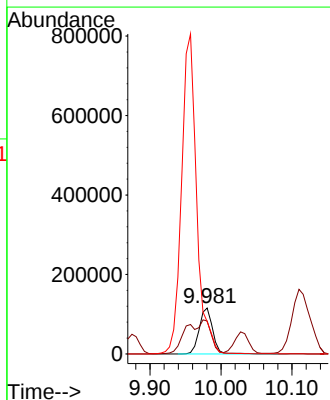
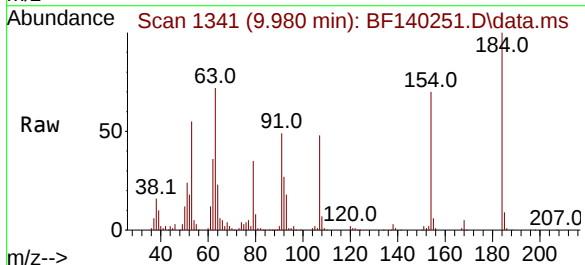
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

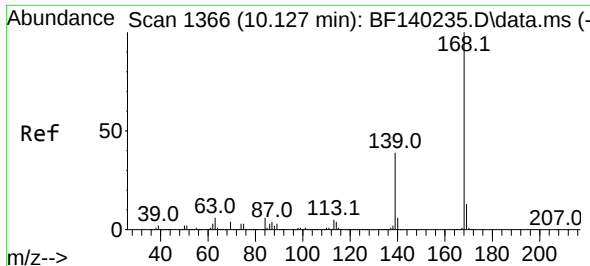
Tgt Ion:138 Resp: 307329  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.8 13.2  
92 123.7 100.0 150.0



#54  
2,4-Dinitrophenol  
Concen: 40.757 ng  
RT: 9.980 min Scan# 1341  
Delta R.T. 0.005 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:184 Resp: 152438  
Ion Ratio Lower Upper  
184 100  
63 71.6 60.1 90.1  
154 70.3 66.3 99.5

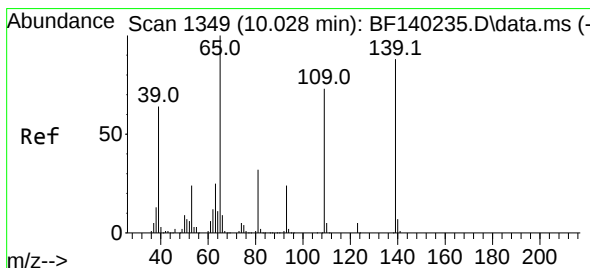
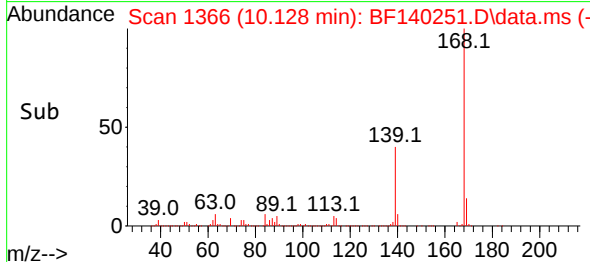
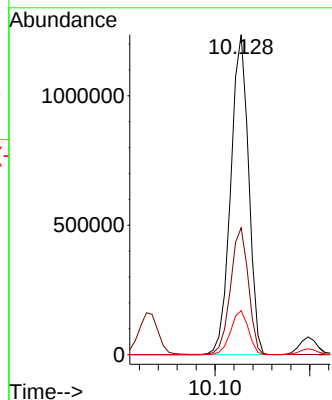
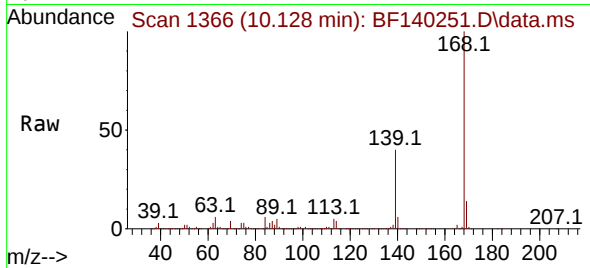




#55  
Dibenzenofuran  
Concen: 37.008 ng  
RT: 10.128 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

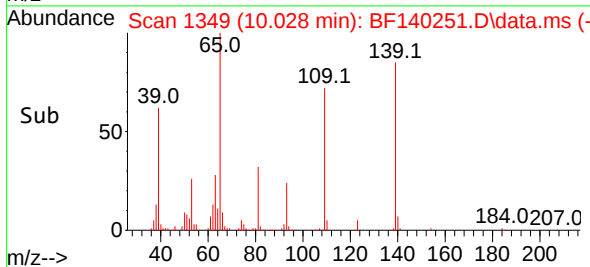
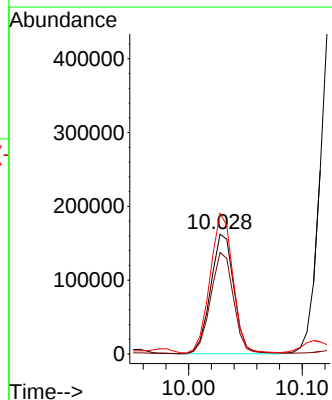
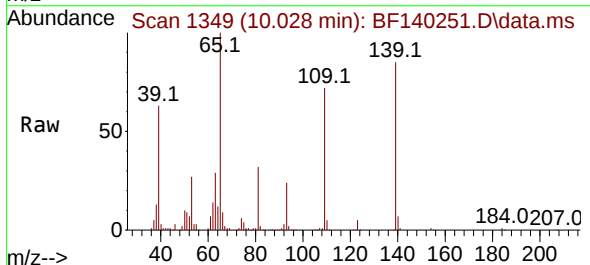
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

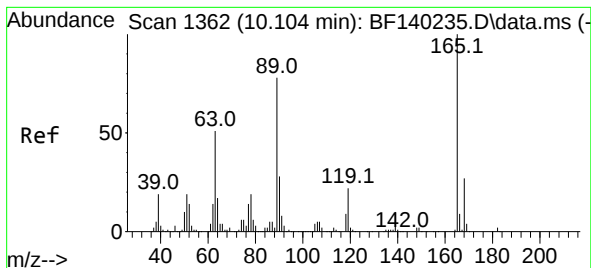
Tgt Ion:168 Resp: 1617655  
Ion Ratio Lower Upper  
168 100  
139 39.6 31.5 47.3  
169 13.7 10.6 15.8



#56  
4-Nitrophenol  
Concen: 42.354 ng  
RT: 10.028 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:139 Resp: 232268  
Ion Ratio Lower Upper  
139 100  
109 84.7 63.8 103.8  
65 117.3 94.7 134.7

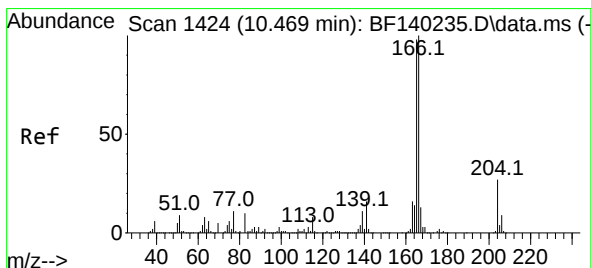
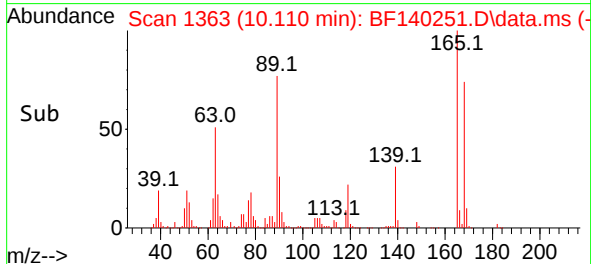
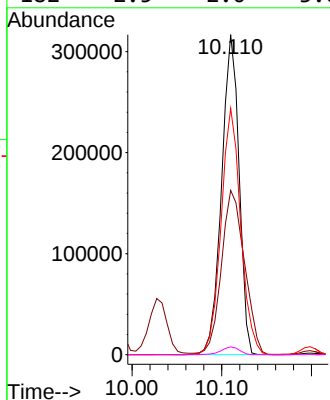
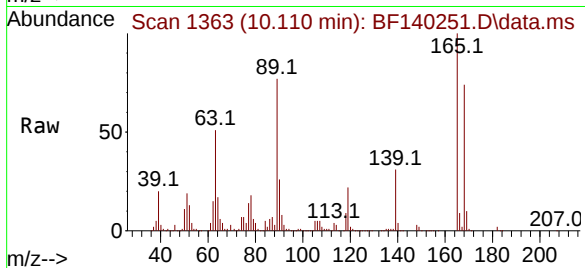




#57  
2,4-Dinitrotoluene  
Concen: 39.802 ng  
RT: 10.110 min Scan# 1363  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

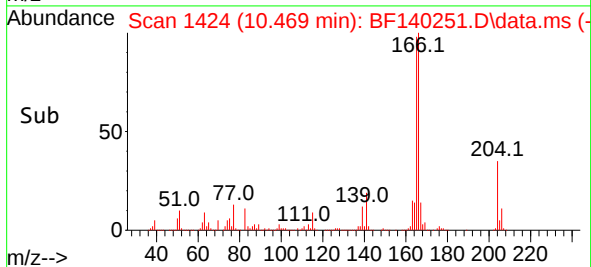
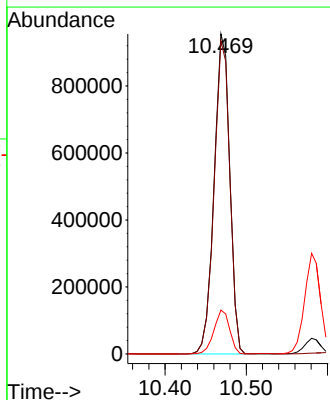
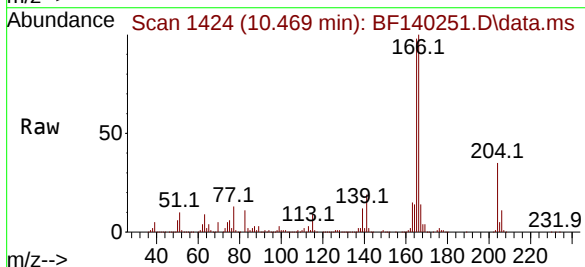
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

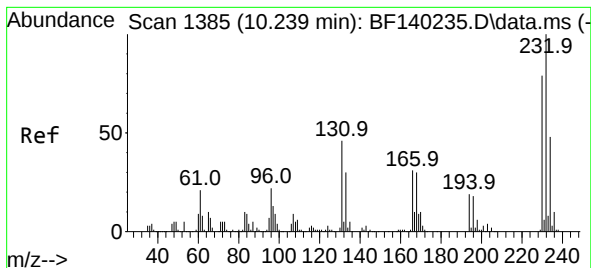
Tgt Ion:165 Resp: 427820  
Ion Ratio Lower Upper  
165 100  
63 51.4 41.3 61.9  
89 77.0 62.6 94.0  
182 2.5 2.0 3.0



#58  
Fluorene  
Concen: 36.889 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:166 Resp: 1283508  
Ion Ratio Lower Upper  
166 100  
165 97.8 78.7 118.1  
167 13.7 10.8 16.2

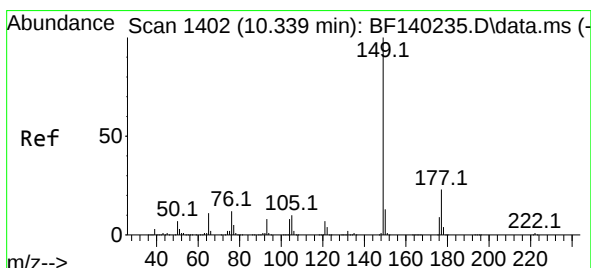
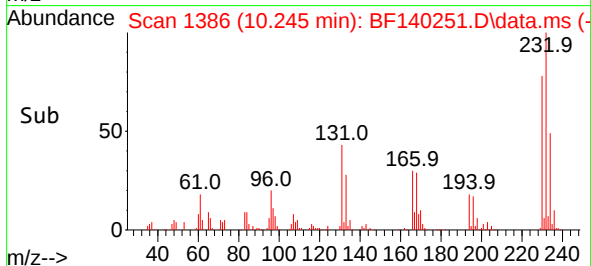
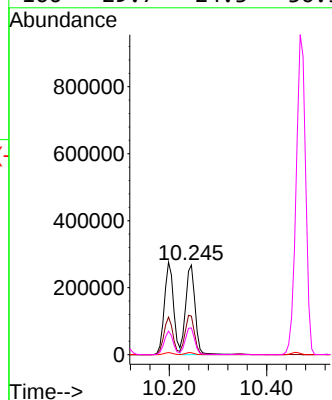
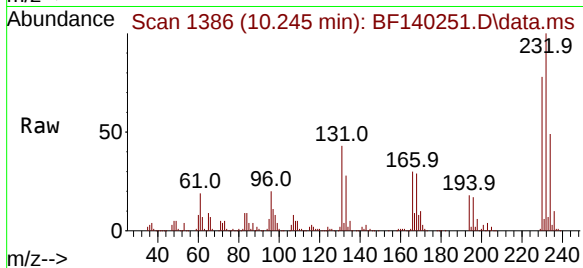




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.903 ng  
RT: 10.245 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

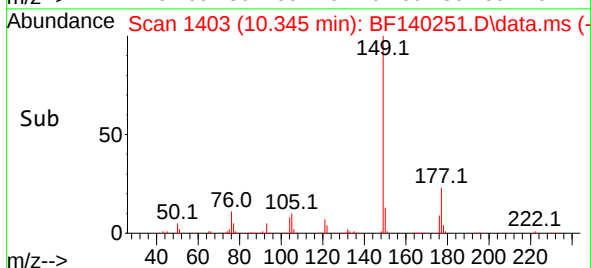
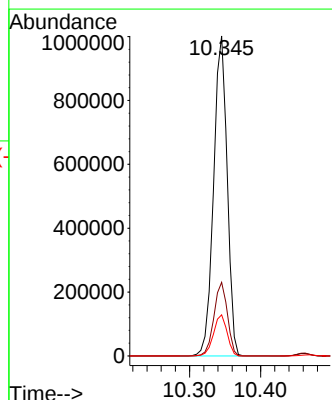
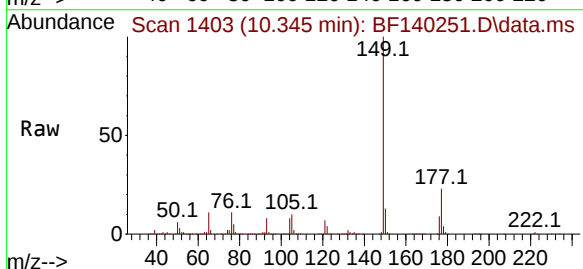
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

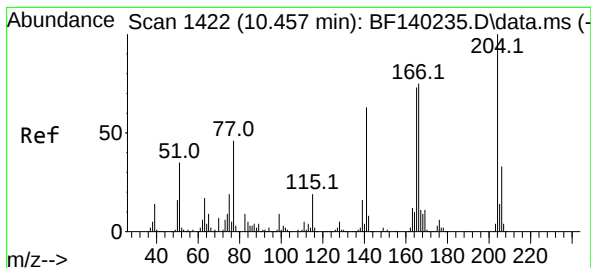
Tgt Ion:232 Resp: 356764  
Ion Ratio Lower Upper  
232 100  
131 43.4 37.2 55.8  
130 2.2 1.8 2.8  
166 29.7 24.3 36.5



#60  
Diethylphthalate  
Concen: 37.896 ng  
RT: 10.345 min Scan# 1403  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:149 Resp: 1327015  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.1 27.1  
150 12.9 10.2 15.4

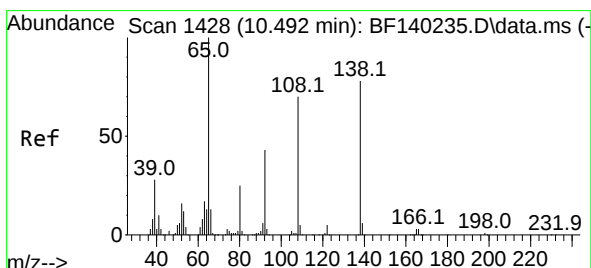
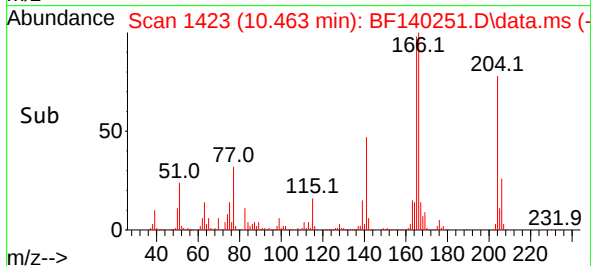
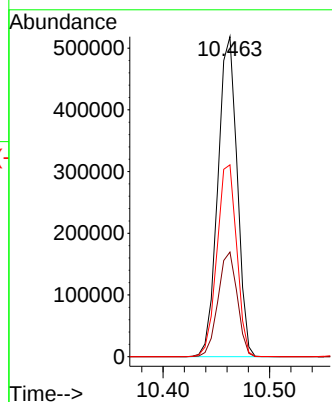
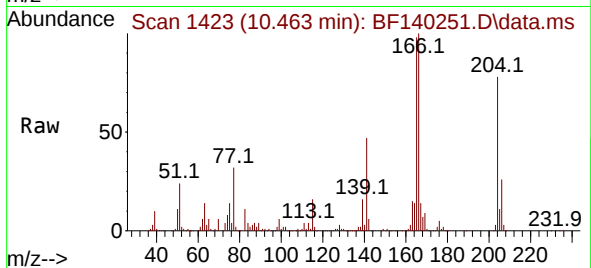




#61  
4-Chlorophenyl-phenylether  
Concen: 37.153 ng  
RT: 10.463 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

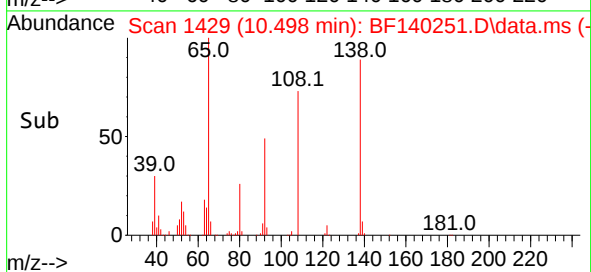
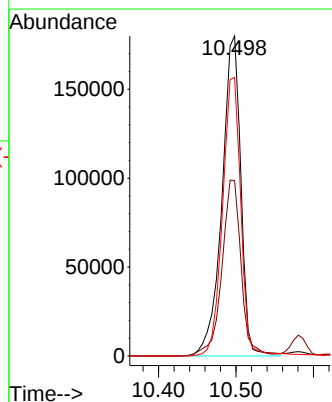
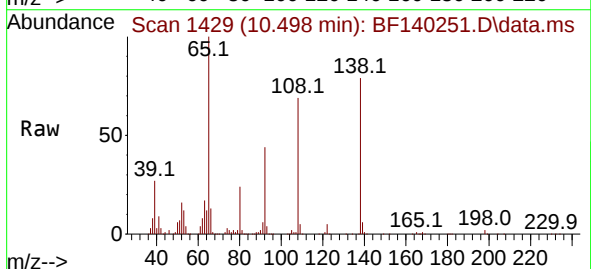
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

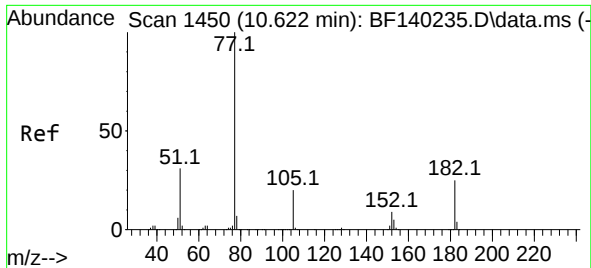
Tgt Ion:204 Resp: 651514  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.2 39.4  
141 59.9 50.3 75.5



#62  
4-Nitroaniline  
Concen: 39.344 ng  
RT: 10.498 min Scan# 1429  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:138 Resp: 304947  
Ion Ratio Lower Upper  
138 100  
92 54.8 35.3 75.3  
108 87.1 70.1 110.1



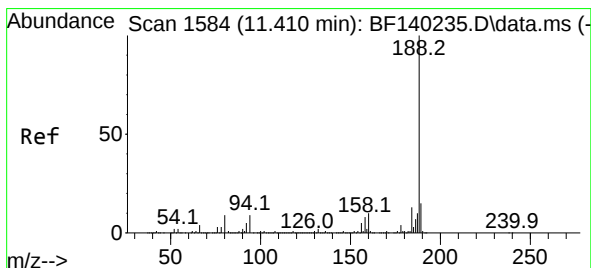
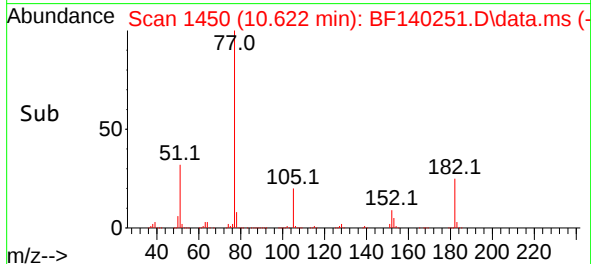
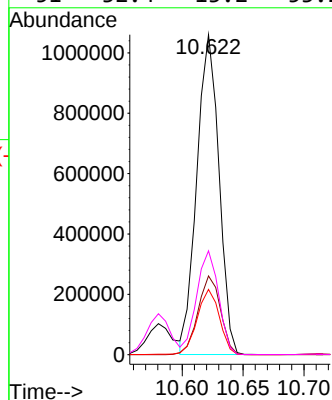
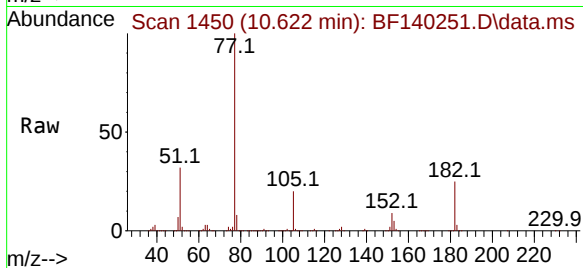


#63  
Azobenzene  
Concen: 36.872 ng  
RT: 10.622 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 77 Resp: 1338479

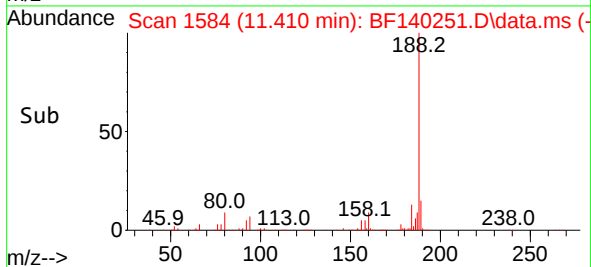
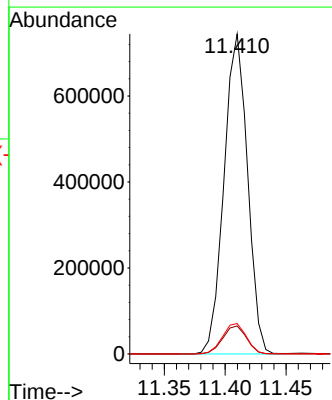
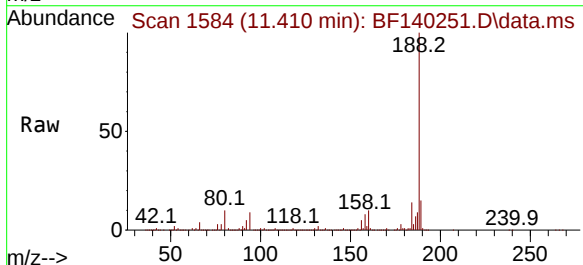
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.6  | 4.7   | 44.7  |
| 105 | 20.4  | 0.0   | 40.0  |
| 51  | 32.4  | 13.2  | 53.2  |

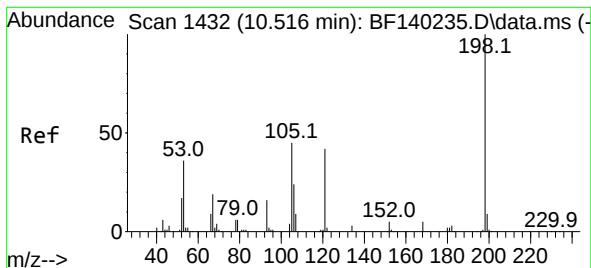


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1584  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion: 188 Resp: 998648

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.8   | 6.9   | 10.3  |
| 80  | 9.5   | 7.5   | 11.3  |

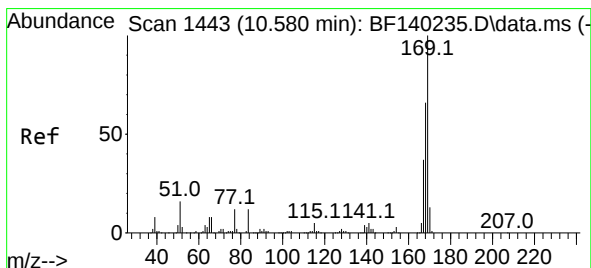
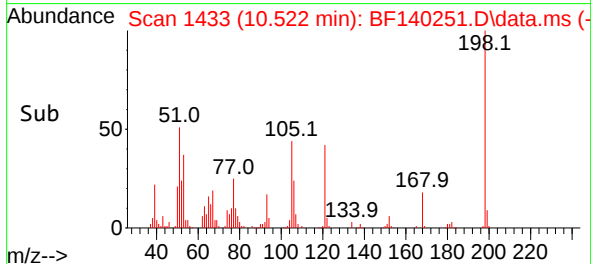
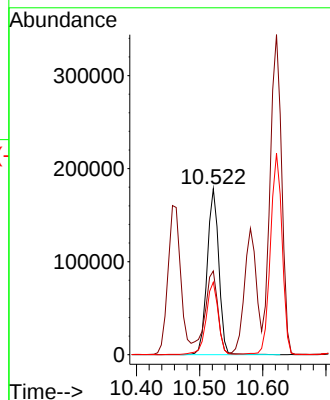
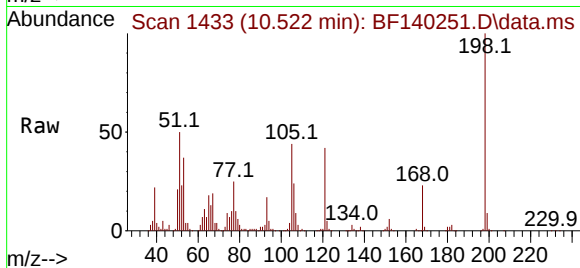




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.540 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

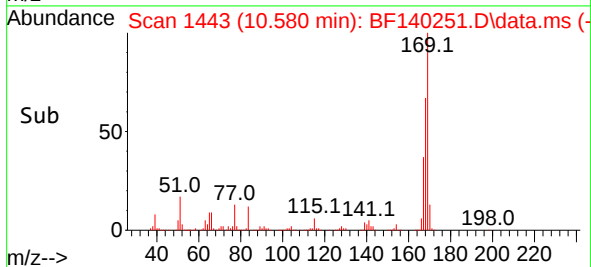
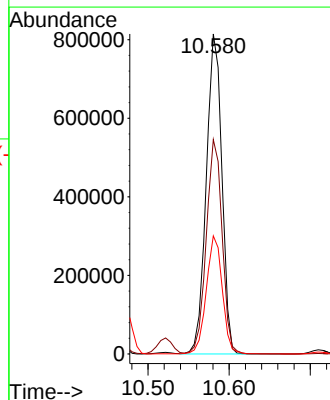
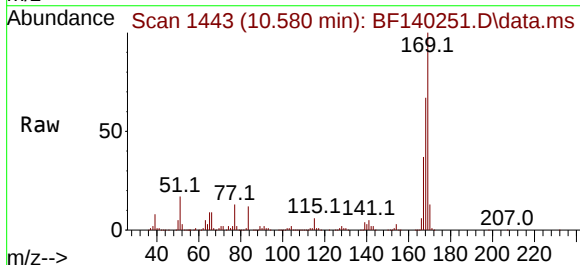
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

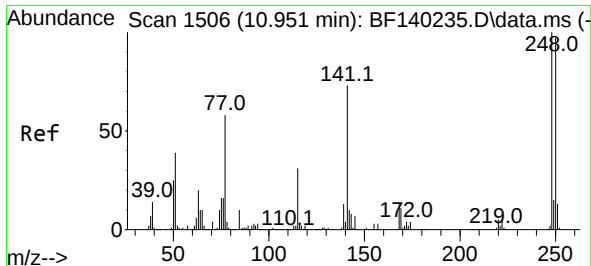
Tgt Ion:198 Resp: 228367  
Ion Ratio Lower Upper  
198 100  
51 50.4 34.0 74.0  
105 43.7 25.1 65.1



#66  
n-Nitrosodiphenylamine  
Concen: 37.732 ng  
RT: 10.580 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:169 Resp: 1083785  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.0 79.6  
167 36.9 29.4 44.2

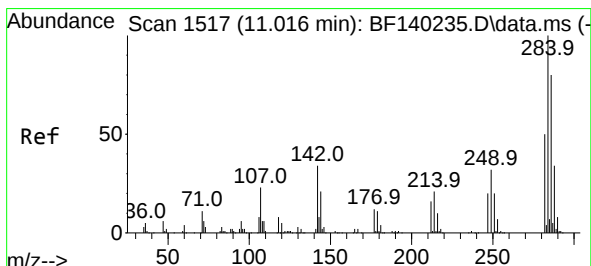
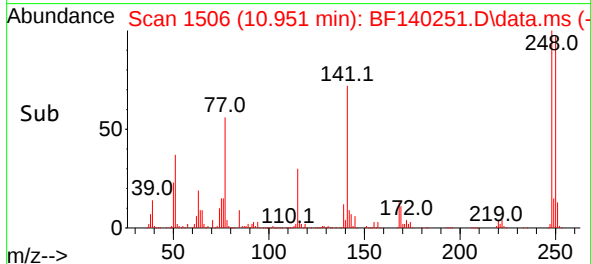
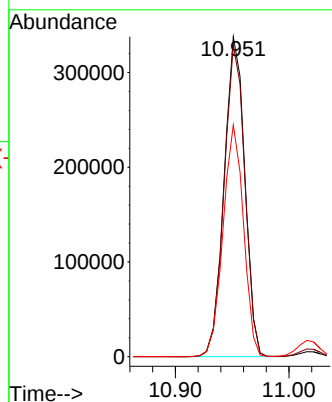
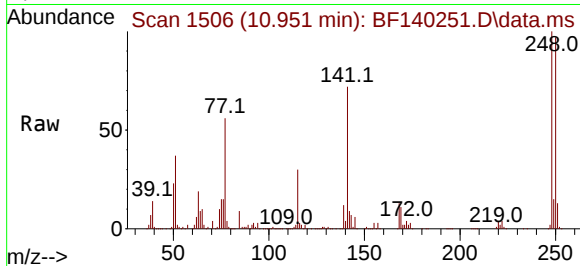




#67  
4-Bromophenyl-phenylether  
Concen: 39.850 ng  
RT: 10.951 min Scan# 1506  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

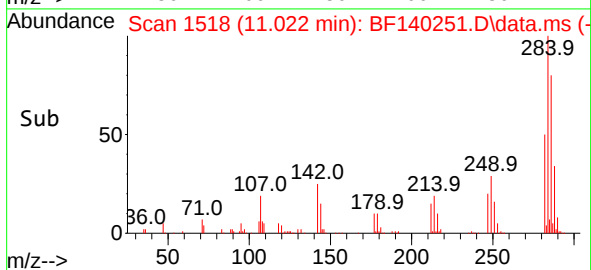
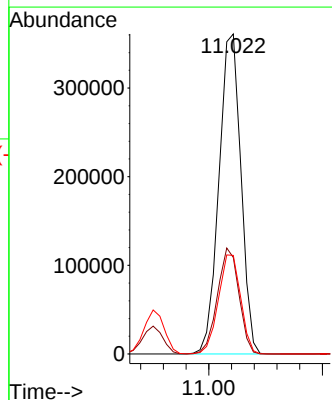
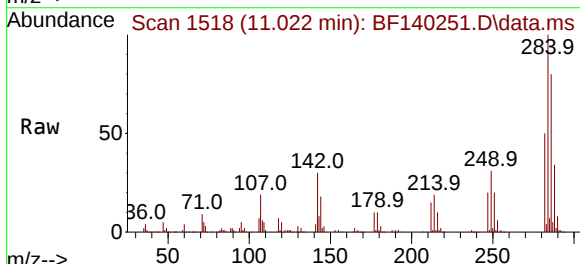
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

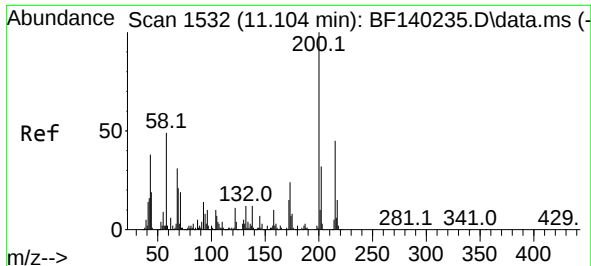
Tgt Ion:248 Resp: 428542  
Ion Ratio Lower Upper  
248 100  
250 97.3 77.9 116.9  
141 72.4 58.6 88.0



#68  
Hexachlorobenzene  
Concen: 39.561 ng  
RT: 11.022 min Scan# 1518  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:284 Resp: 484930  
Ion Ratio Lower Upper  
284 100  
142 30.1 27.5 41.3  
249 30.8 26.2 39.2

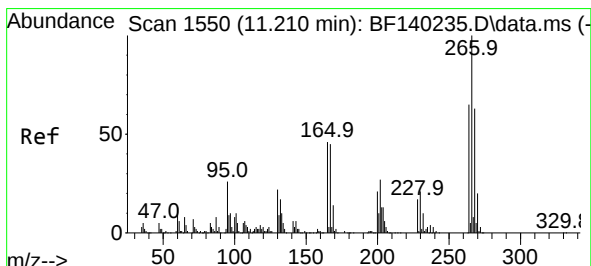
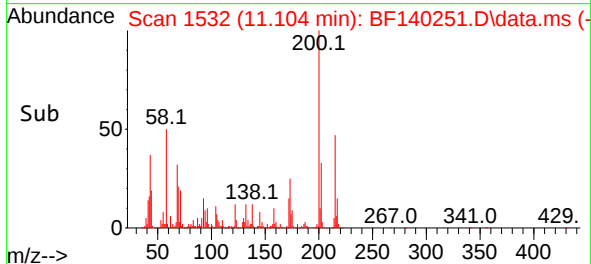
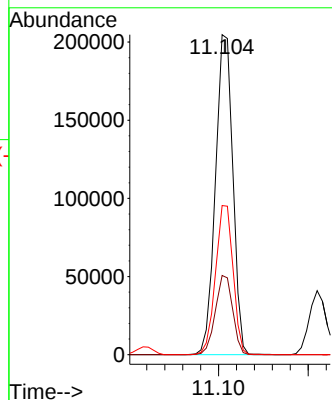
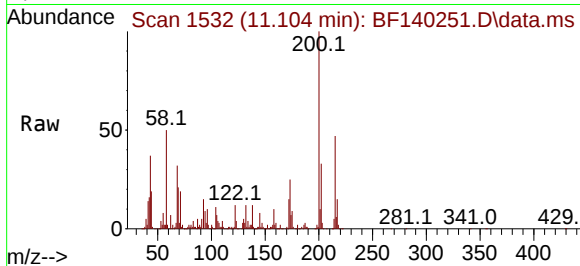




#69  
 Atrazine  
 Concen: 35.145 ng  
 RT: 11.104 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF140251.D  
 Acq: 05 Nov 2024 21:26

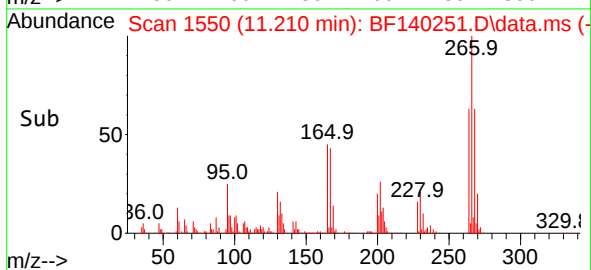
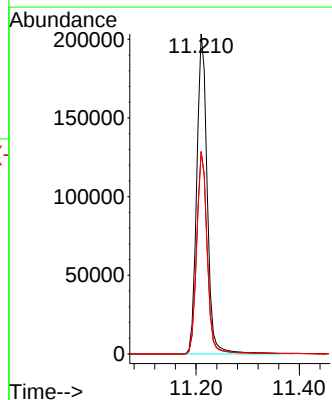
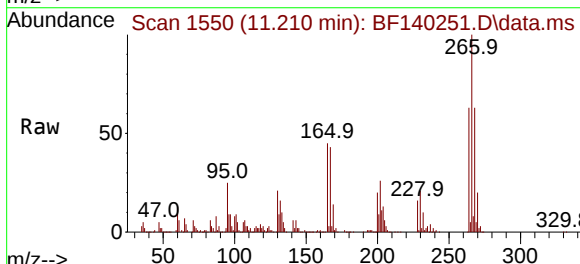
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

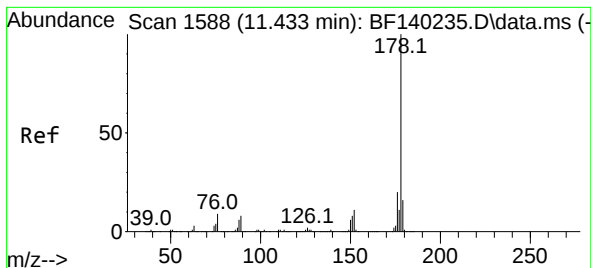
Tgt Ion:200 Resp: 276183  
 Ion Ratio Lower Upper  
 200 100  
 173 24.7 4.4 44.4  
 215 46.6 25.2 65.2



#70  
 Pentachlorophenol  
 Concen: 43.420 ng  
 RT: 11.210 min Scan# 1550  
 Delta R.T. 0.000 min  
 Lab File: BF140251.D  
 Acq: 05 Nov 2024 21:26

Tgt Ion:266 Resp: 285800  
 Ion Ratio Lower Upper  
 266 100  
 268 63.2 50.2 75.4  
 264 63.2 52.2 78.4





#71

Phenanthrene

Concen: 37.331 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

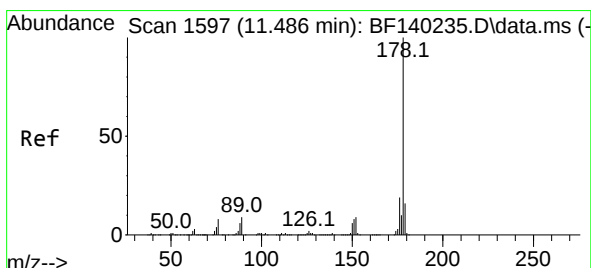
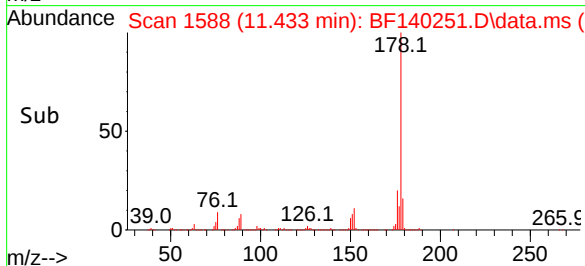
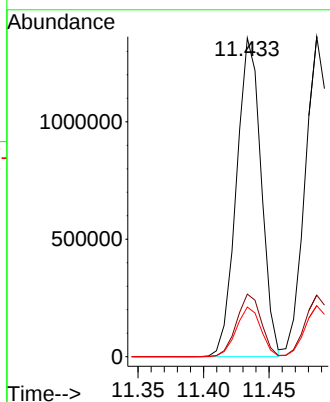
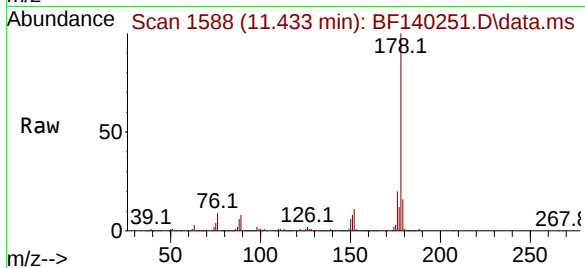
Tgt Ion:178 Resp: 1779174

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 15.6 12.6 18.8



#72

Anthracene

Concen: 37.474 ng

RT: 11.486 min Scan# 1597

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

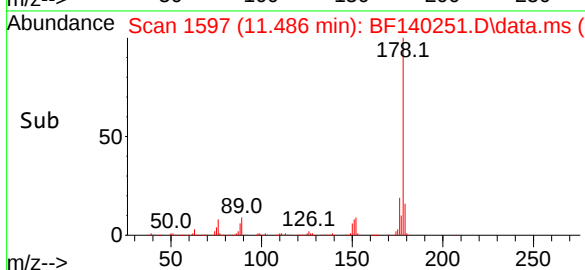
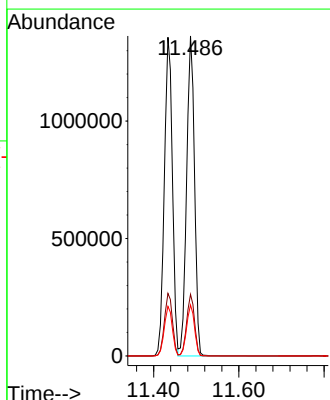
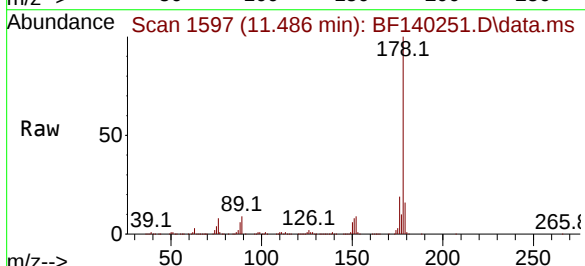
Tgt Ion:178 Resp: 1751272

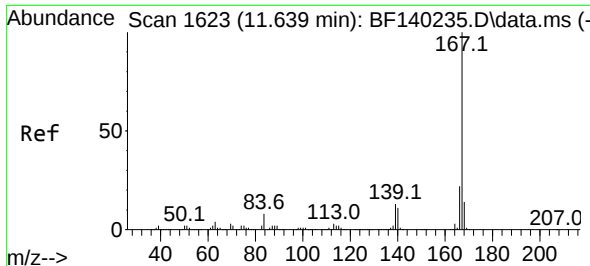
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.9 12.7 19.1

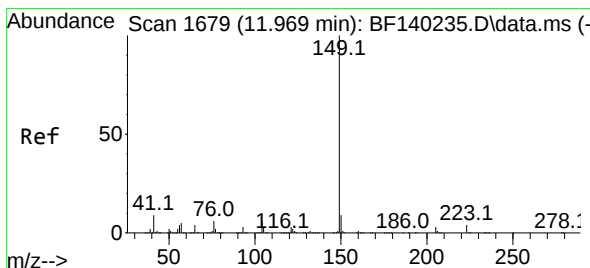
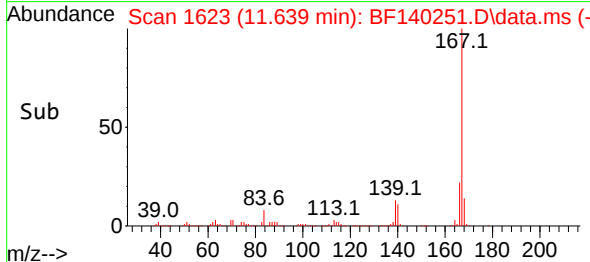
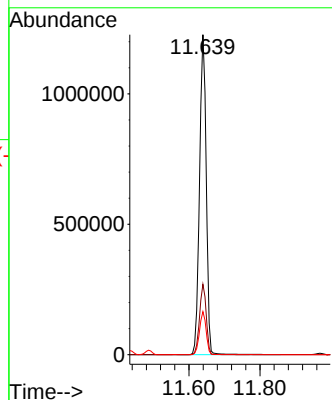
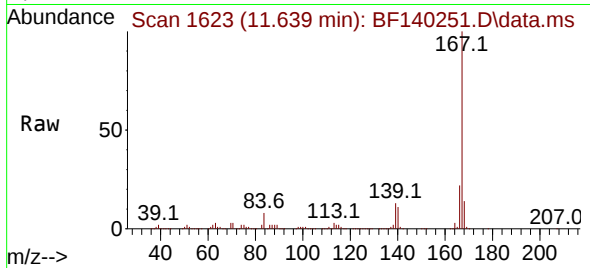




#73  
 Carbazole  
 Concen: 37.835 ng  
 RT: 11.639 min Scan# 1623  
 Delta R.T. 0.000 min  
 Lab File: BF140251.D  
 Acq: 05 Nov 2024 21:26

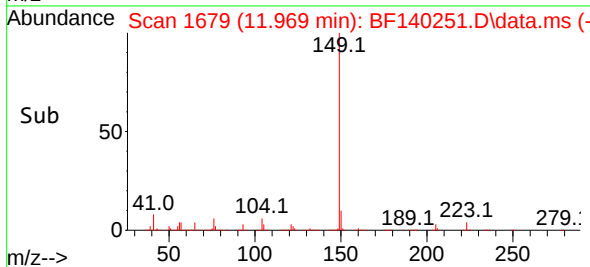
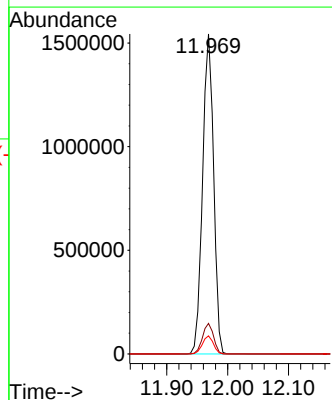
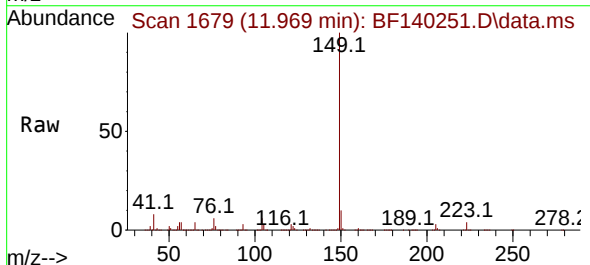
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

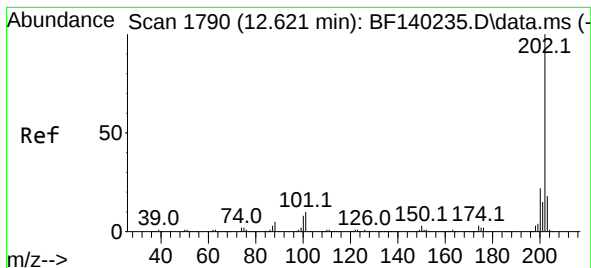
Tgt Ion:167 Resp: 1615592  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.3 25.9  
 139 13.4 10.7 16.1



#74  
 Di-n-butylphthalate  
 Concen: 38.387 ng  
 RT: 11.969 min Scan# 1679  
 Delta R.T. 0.000 min  
 Lab File: BF140251.D  
 Acq: 05 Nov 2024 21:26

Tgt Ion:149 Resp: 1940271  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.4 11.2  
 104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 37.425 ng

RT: 12.621 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

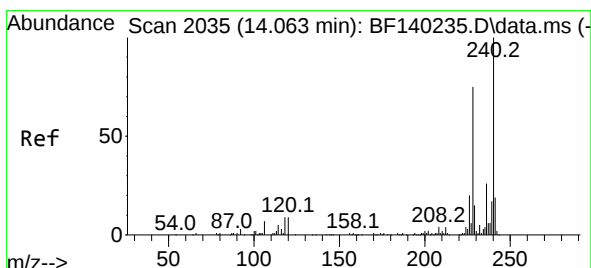
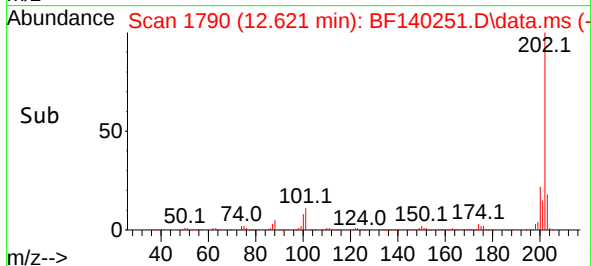
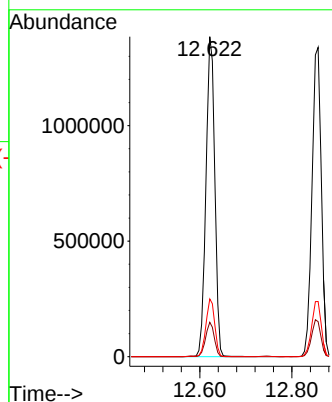
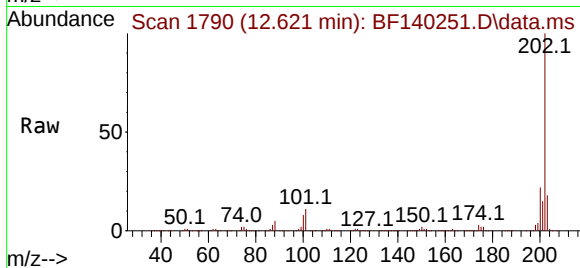
Tgt Ion:202 Resp: 1865022

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.4

203 18.1 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

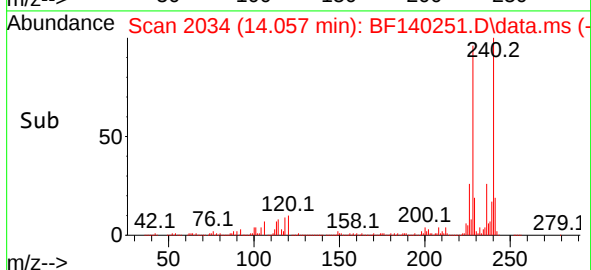
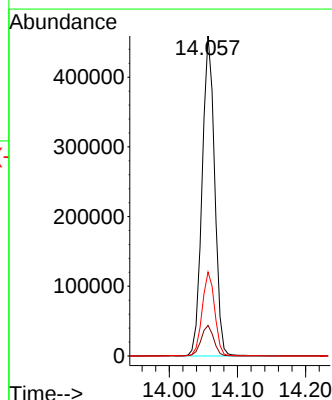
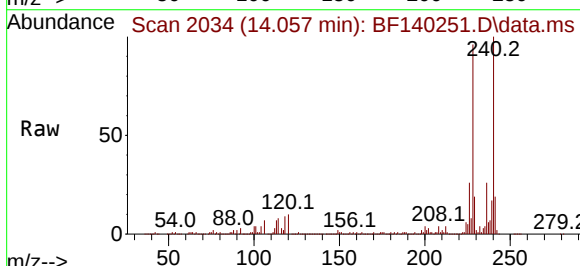
Tgt Ion:240 Resp: 586799

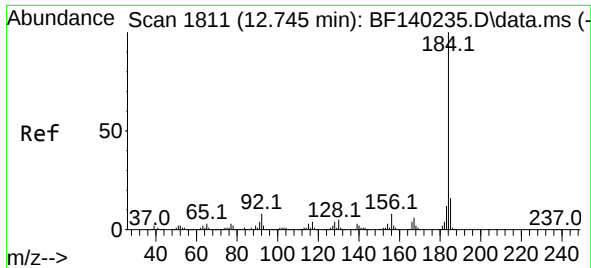
Ion Ratio Lower Upper

240 100

120 9.6 7.5 11.3

236 26.3 20.9 31.3

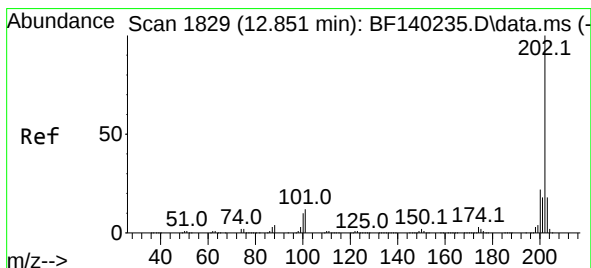
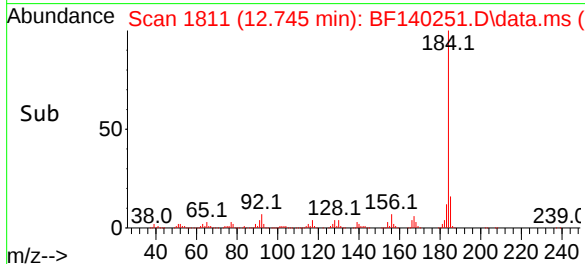
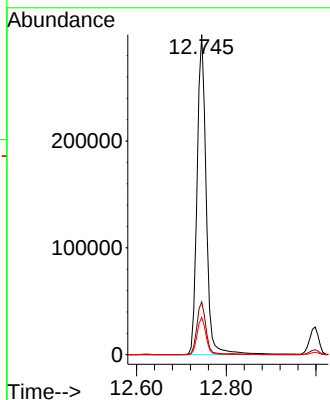
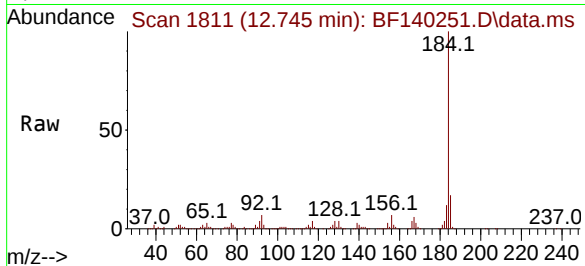




#77  
Benzidine  
Concen: 36.815 ng  
RT: 12.745 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

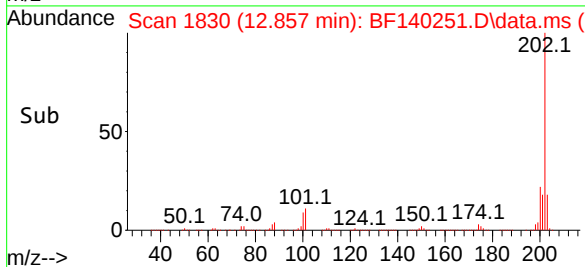
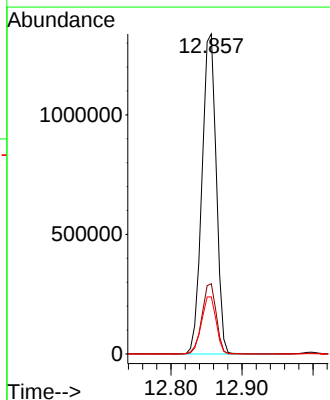
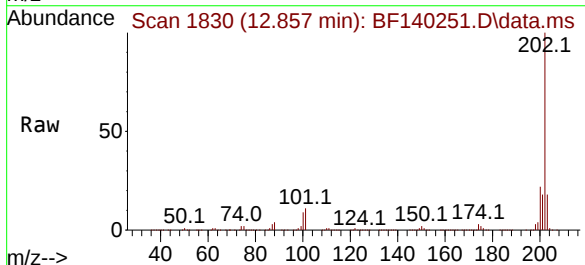
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

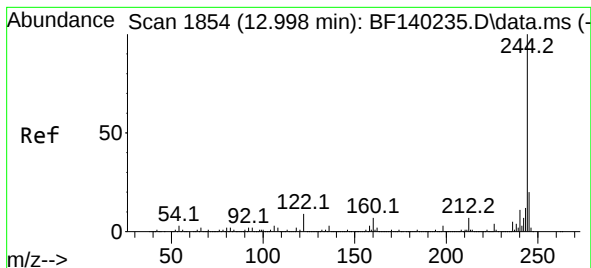
Tgt Ion:184 Resp: 422372  
Ion Ratio Lower Upper  
184 100  
185 16.5 12.5 18.7  
183 11.7 9.3 13.9



#78  
Pyrene  
Concen: 38.638 ng  
RT: 12.857 min Scan# 1830  
Delta R.T. 0.006 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:202 Resp: 1872030  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.5 26.3  
203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 76.679 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

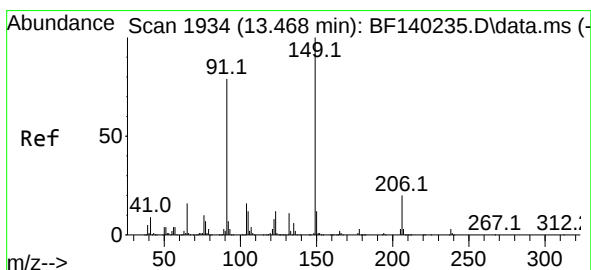
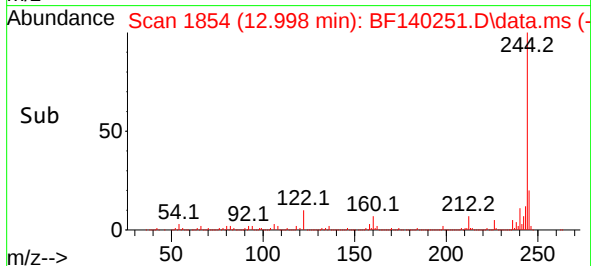
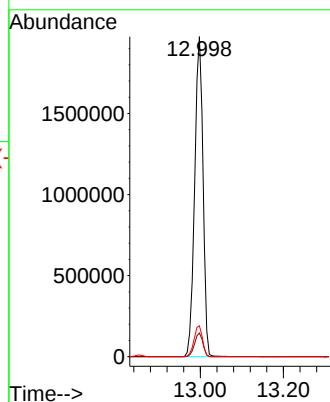
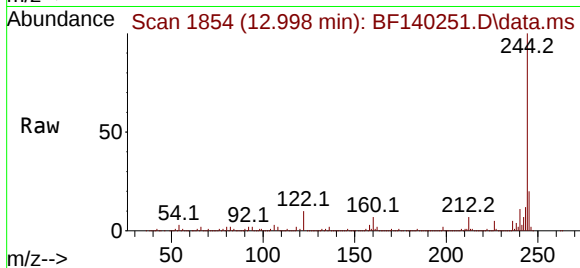
Tgt Ion:244 Resp: 2746750

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.6 7.6 11.4



#80

Butylbenzylphthalate

Concen: 40.512 ng

RT: 13.469 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

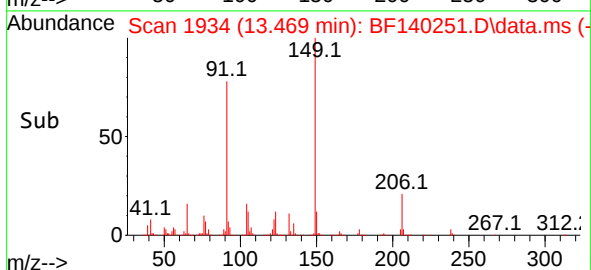
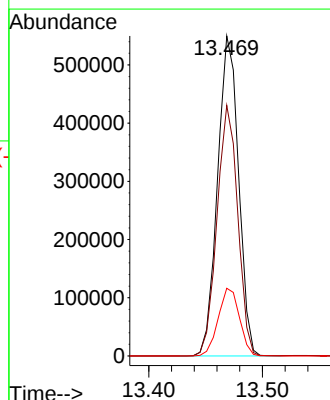
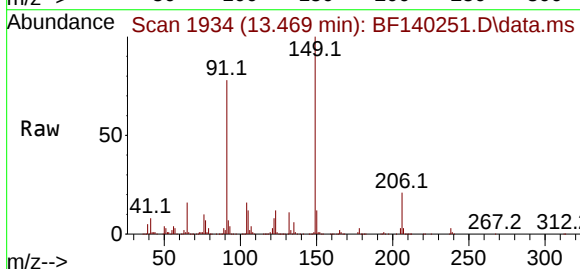
Tgt Ion:149 Resp: 706783

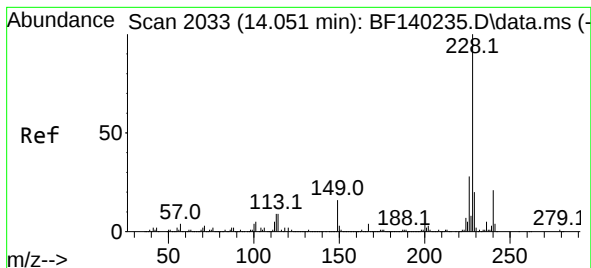
Ion Ratio Lower Upper

149 100

91 78.3 63.0 94.4

206 21.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 37.959 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

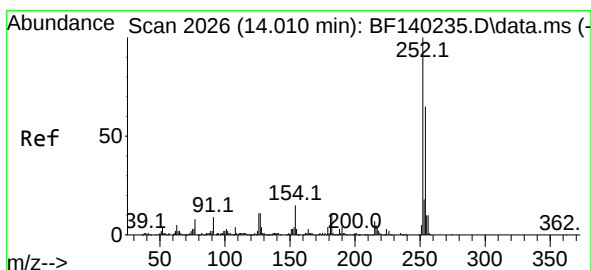
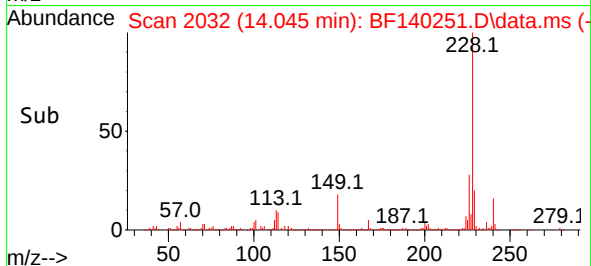
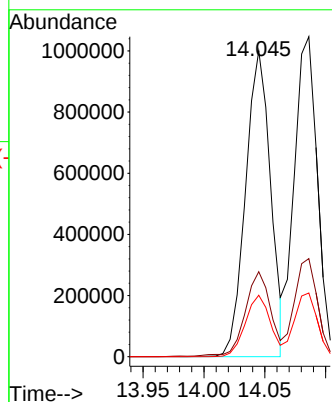
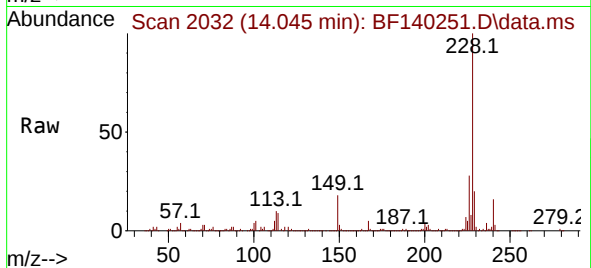
Tgt Ion:228 Resp: 1429480

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.873 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

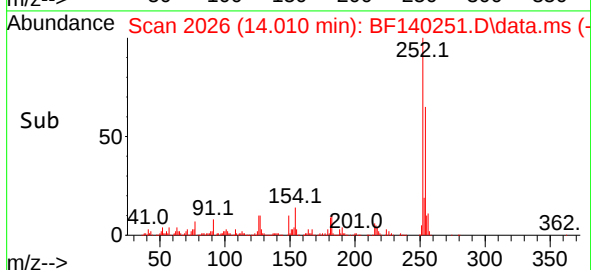
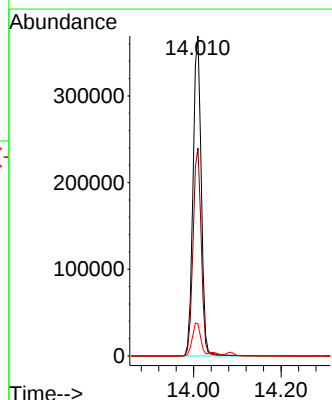
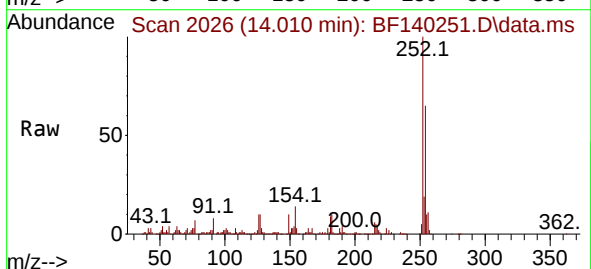
Tgt Ion:252 Resp: 483359

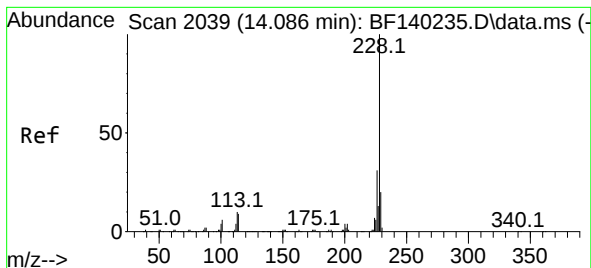
Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.8

126 10.0 8.6 12.8





#83

Chrysene

Concen: 39.324 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

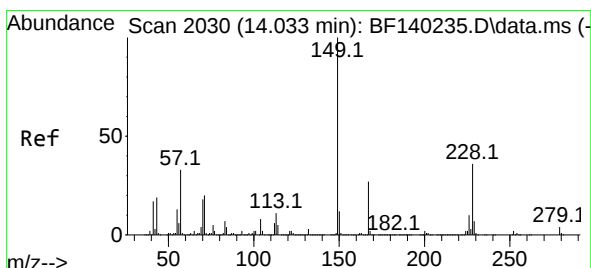
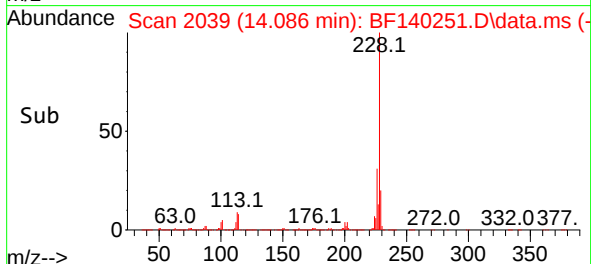
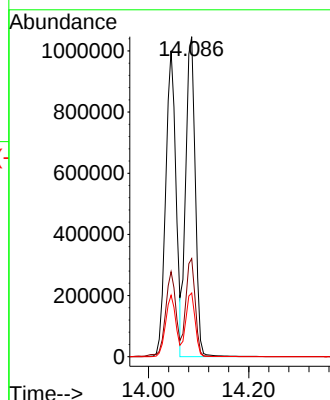
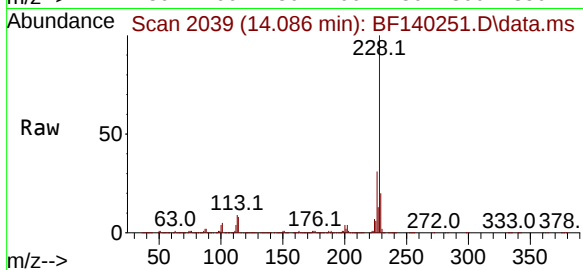
Tgt Ion:228 Resp: 1386764

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.903 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

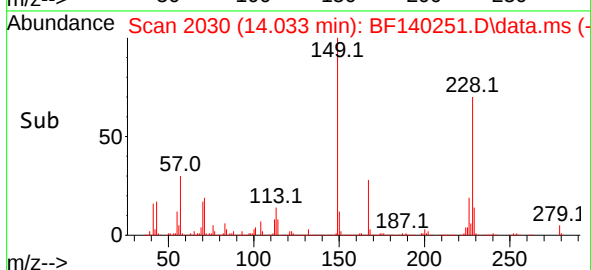
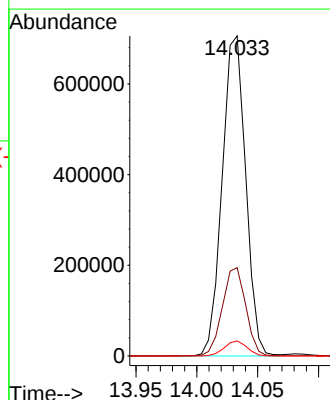
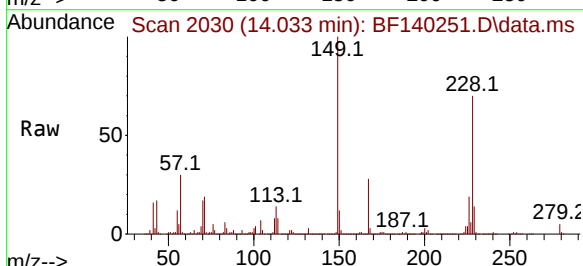
Tgt Ion:149 Resp: 951236

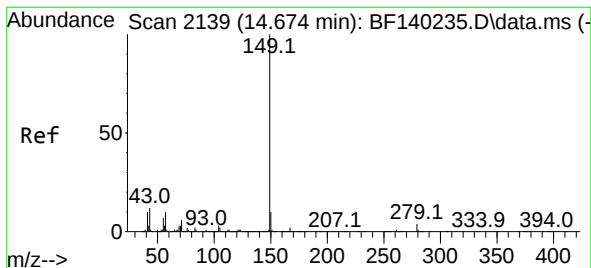
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 4.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 39.819 ng

RT: 14.657 min Scan# 2136

Delta R.T. -0.018 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

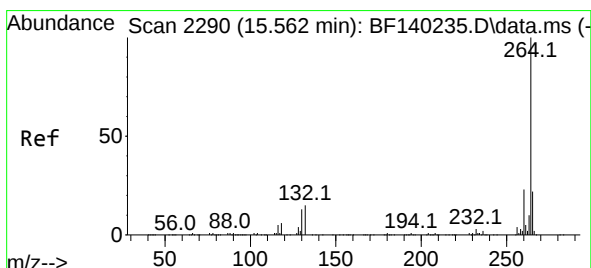
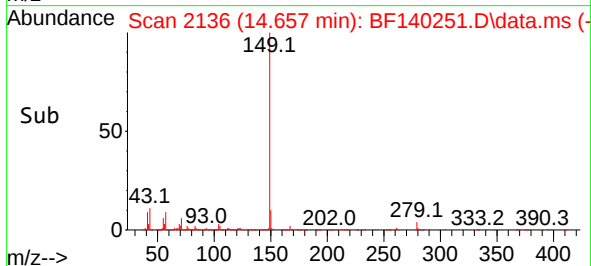
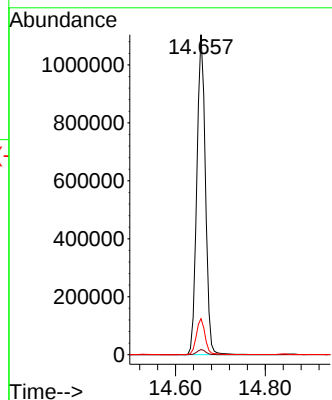
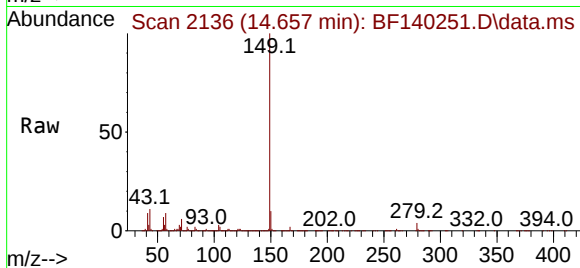
Tgt Ion:149 Resp: 1465478

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.5 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. -0.012 min

Lab File: BF140251.D

Acq: 05 Nov 2024 21:26

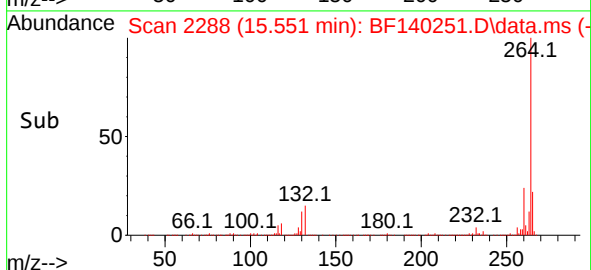
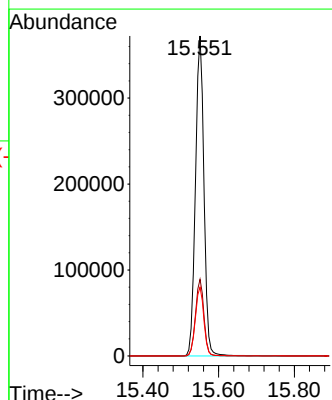
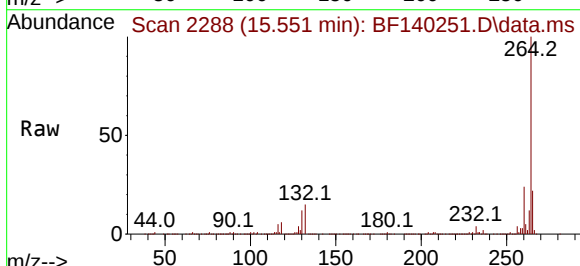
Tgt Ion:264 Resp: 581205

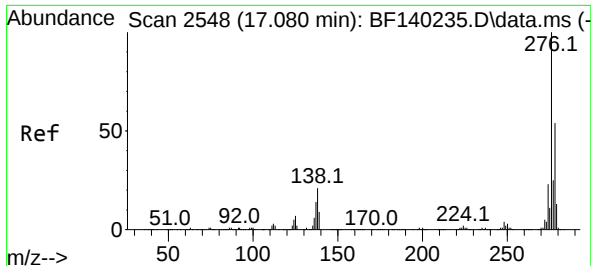
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.5 17.3 25.9

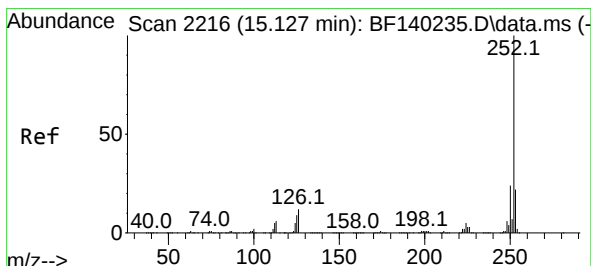
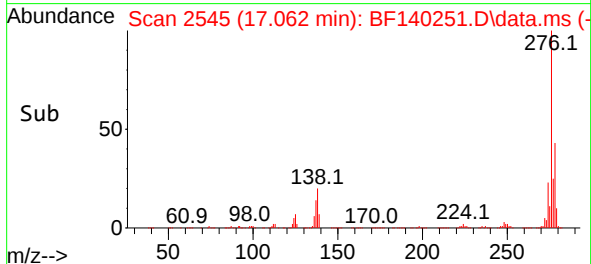
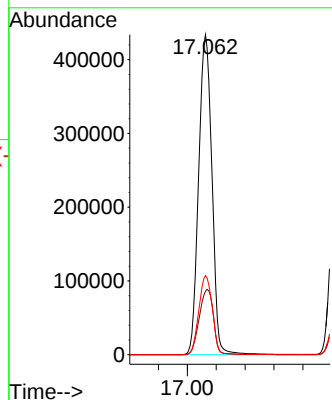
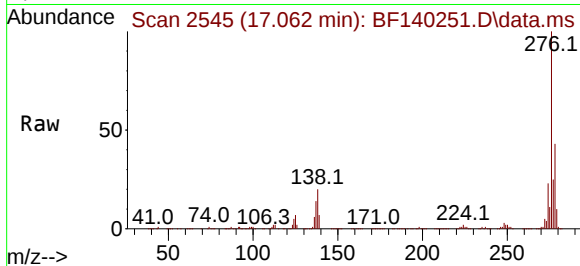




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.578 ng  
RT: 17.062 min Scan# 2114  
Delta R.T. -0.018 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

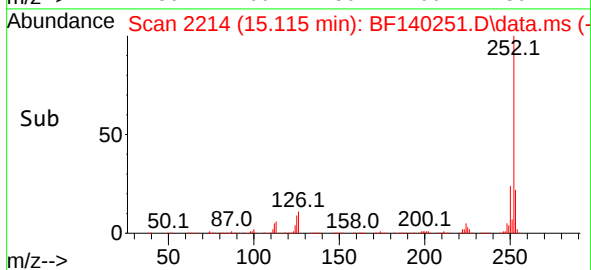
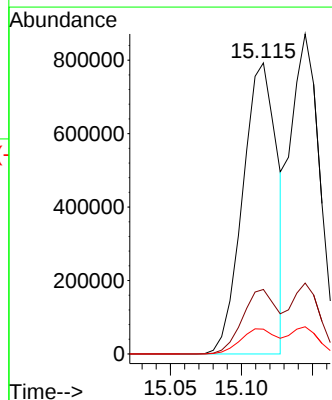
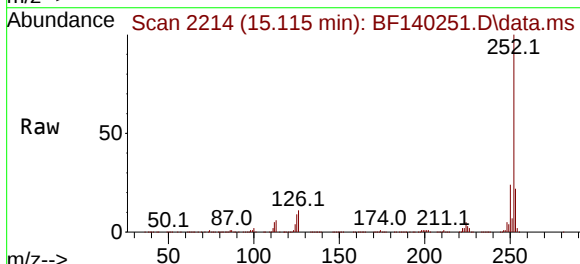
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

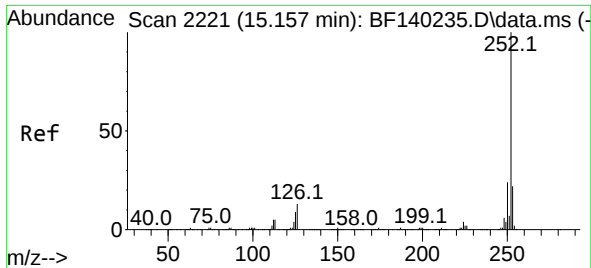
Tgt Ion:276 Resp: 1384381  
Ion Ratio Lower Upper  
276 100  
138 21.8 17.6 26.4  
277 25.3 20.2 30.2



#88  
Benzo(b)fluoranthene  
Concen: 37.866 ng  
RT: 15.115 min Scan# 2214  
Delta R.T. -0.012 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:252 Resp: 1331211  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.9 26.9  
125 8.5 7.0 10.6

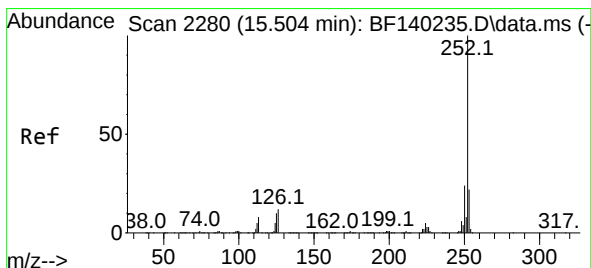
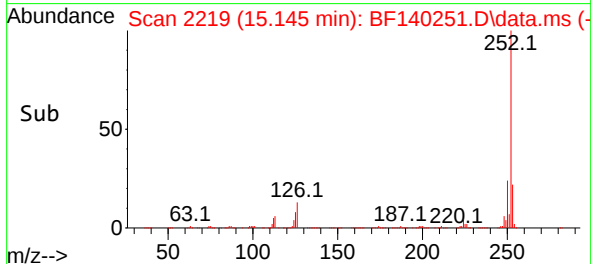
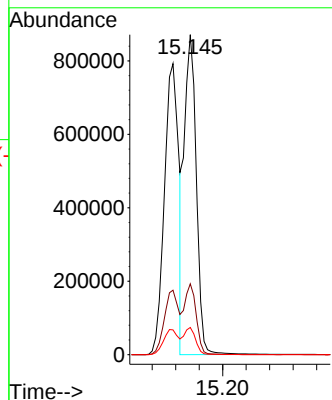
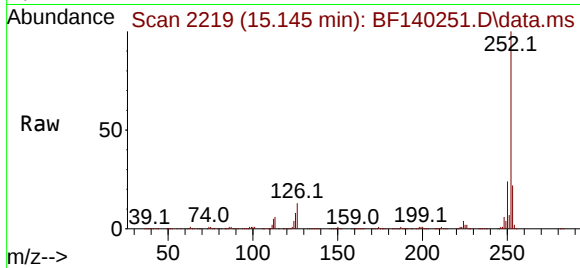




#89  
Benzo(k)fluoranthene  
Concen: 38.596 ng  
RT: 15.145 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

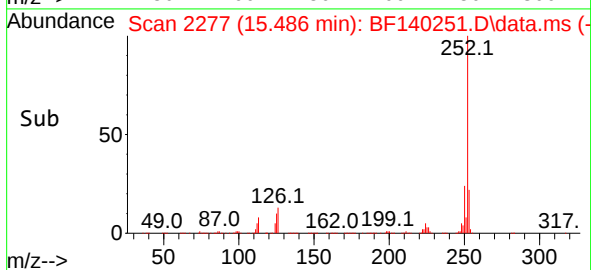
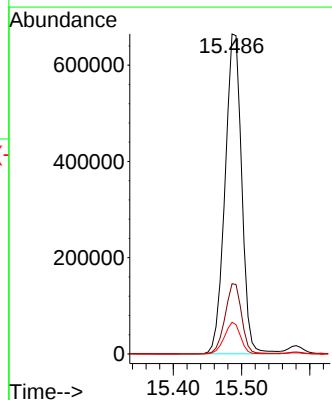
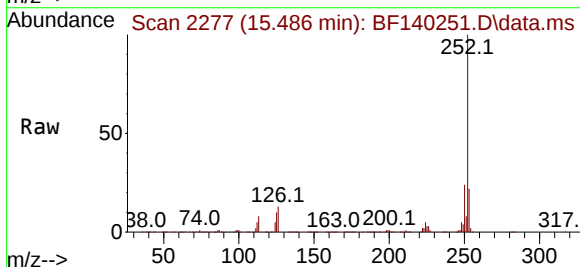
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

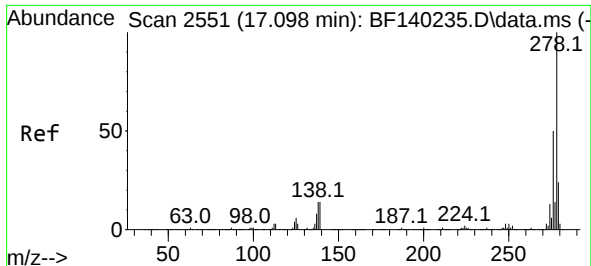
Tgt Ion:252 Resp: 1245097  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.8  
125 8.5 7.2 10.8



#90  
Benzo(a)pyrene  
Concen: 39.042 ng  
RT: 15.486 min Scan# 2277  
Delta R.T. -0.018 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:252 Resp: 1131639  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.0  
125 9.9 7.6 11.4

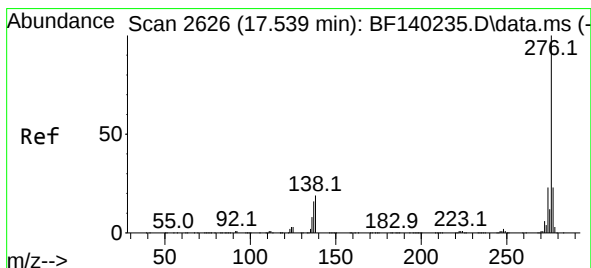
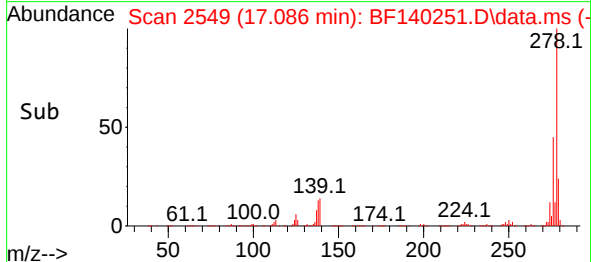
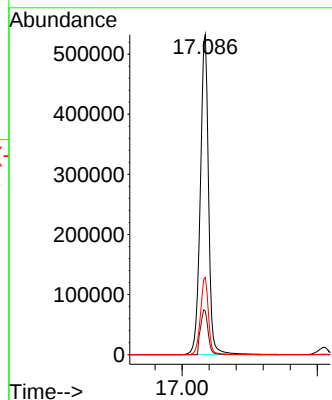
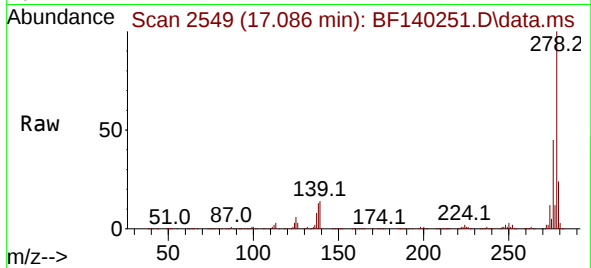




#91  
Dibenzo(a,h)anthracene  
Concen: 40.438 ng  
RT: 17.086 min Scan# 2549  
Delta R.T. -0.012 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:278 Resp: 1135038  
Ion Ratio Lower Upper  
278 100  
139 13.6 11.1 16.7  
279 24.2 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 40.071 ng  
RT: 17.527 min Scan# 2624  
Delta R.T. -0.012 min  
Lab File: BF140251.D  
Acq: 05 Nov 2024 21:26

Tgt Ion:276 Resp: 1147351  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.8 28.2  
138 18.6 15.3 22.9

