

Data Path : C:\Users\seuser\Desktop\krishna\  
 Data File : BF140301.D  
 Acq On : 08 Nov 2024 16:17  
 Operator : RC/JU  
 Sample : P4737-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP2MSD

Quant Time: Nov 11 01:18:58 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     | 6.875  | 152  | 119710   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 448822   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 245092   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 382682   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 271857   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.568 | 264  | 209874   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 707023   | 97.877  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.504  | 99   | 907237   | 97.644  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 586573   | 64.978  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 243042   | 100.323 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 1061614  | 69.165  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 987187   | 59.485  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.722  | 88   | 160220   | 48.244  | ng    | 96       |
| 3) Pyridine                   | 3.475  | 79   | 404702   | 49.942  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.434  | 42   | 221005   | 47.239  | ng    | 90       |
| 6) Aniline                    | 6.540  | 93   | 282537   | 33.658  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 415790   | 55.012  | ng    | 93       |
| 9) Benzaldehyde               | 6.428  | 77   | 59185    | 10.341  | ng    | 94       |
| 10) Phenol                    | 6.522  | 94   | 525062   | 53.209  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 390458   | 52.087  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 452119   | 51.046  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 456247   | 51.075  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.045  | 146  | 437197   | 52.402  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 382038   | 53.338  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 596260   | 49.140  | ng    | 98       |
| 17) 2-Methylphenol            | 7.128  | 107  | 336623   | 53.390  | ng    | 98       |
| 18) Hexachloroethane          | 7.392  | 117  | 158006   | 47.486  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 295664   | 49.881  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 417440   | 52.717  | ng    | 96       |
| 22) Acetophenone              | 7.287  | 105  | 562225   | 50.524  | ng    | 94       |
| 24) Nitrobenzene              | 7.457  | 77   | 458829   | 48.439  | ng    | 97       |
| 25) Isophorone                | 7.698  | 82   | 790520   | 50.858  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 213989   | 56.792  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 331546   | 64.678  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 478264   | 51.416  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 346357   | 54.617  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 373131   | 49.102  | ng    | 98       |
| 31) Naphthalene               | 8.181  | 128  | 1177194  | 50.793  | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 215983   | 51.341  | ng    | 93       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 134686   | 17.652  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 250291   | 48.661  | ng    | 100      |
| 35) Caprolactam               | 8.598  | 113  | 100532   | 52.113  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 369630   | 52.351  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 788546   | 52.132  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 724494   | 48.867  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 388187   | 54.102  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 140584   | 69.923  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 258151   | 58.060  | ng    | 99       |

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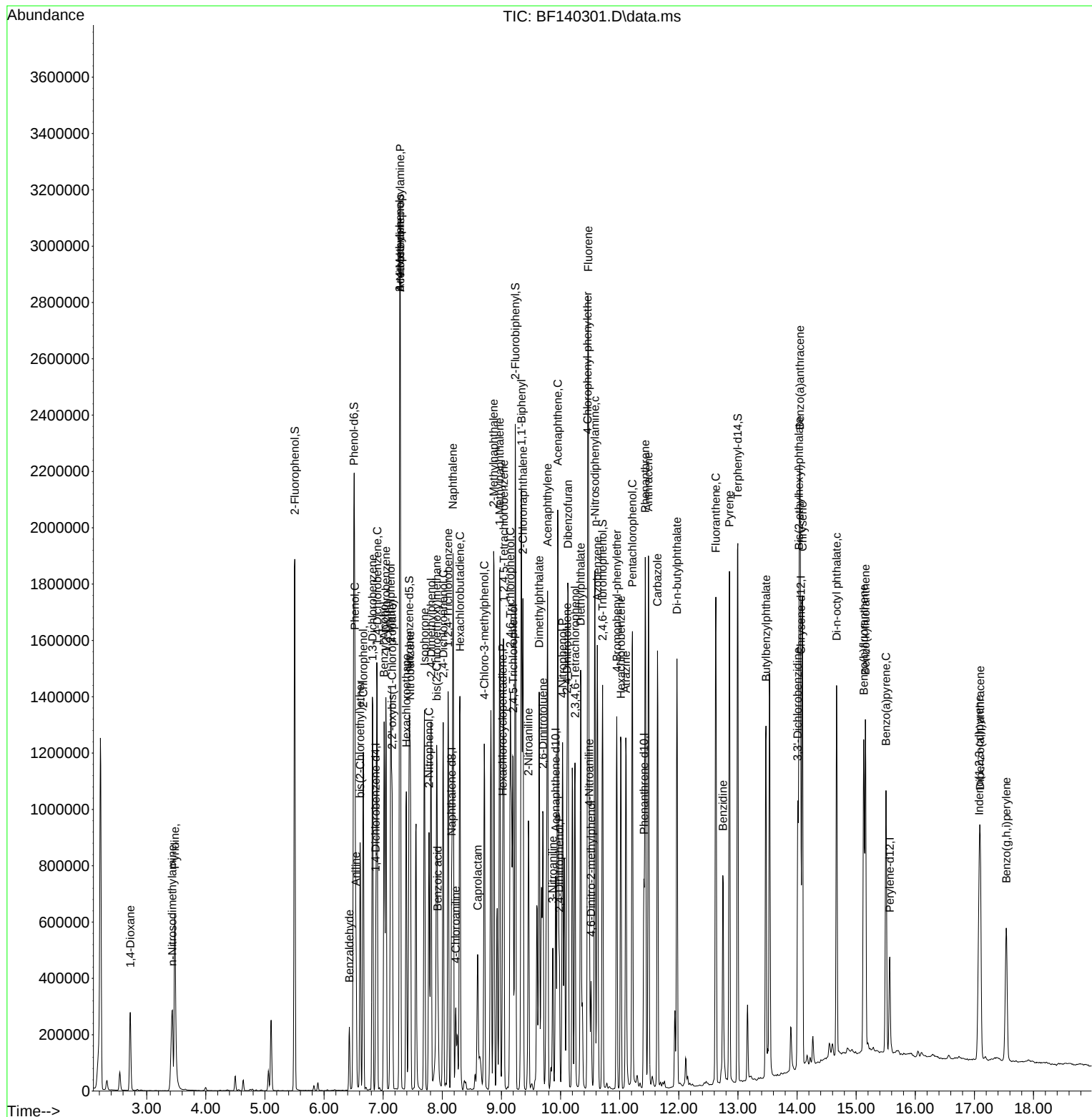
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 251975   | 53.898  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 942328   | 53.192  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 698040   | 52.352  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 239264   | 53.657  | ng    | 94       |
| 49) Acenaphthylene            | 9.781  | 152  | 1079221  | 57.170  | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 839973   | 55.648  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 186666   | 52.611  | ng    | 92       |
| 52) Acenaphthene              | 9.951  | 154  | 721934   | 53.918  | ng    | 98       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 102769   | 30.761  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 87575    | 52.571  | ng    | # 85     |
| 55) Dibenzofuran              | 10.128 | 168  | 1000456  | 53.434  | ng    | 97       |
| 56) 4-Nitrophenol             | 10.034 | 139  | 269861   | 114.880 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 243593   | 52.907  | ng    | 92       |
| 58) Fluorene                  | 10.469 | 166  | 755037   | 50.660  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 211093   | 55.118  | ng    | 95       |
| 60) Diethylphthalate          | 10.339 | 149  | 806545   | 53.771  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 390395   | 51.974  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 147319   | 44.373  | ng    | 93       |
| 63) Azobenzene                | 10.622 | 77   | 843817   | 54.268  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 73274    | 36.457  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 661174   | 60.071  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 237645   | 57.669  | ng    | 97       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 254423   | 54.165  | ng    | 93       |
| 69) Atrazine                  | 11.104 | 200  | 219876   | 73.017  | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 280367   | 111.156 | ng    | 98       |
| 71) Phenanthrene              | 11.433 | 178  | 993889   | 54.421  | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 1011935  | 56.507  | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 881409   | 53.866  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 1046068  | 54.007  | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 1021638  | 53.499  | ng    | 99       |
| 77) Benzidine                 | 12.745 | 184  | 432175   | 81.308  | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 1053558  | 46.936  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 409683   | 50.687  | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 953468   | 54.651  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 290667   | 53.053  | ng    | 99       |
| 83) Chrysene                  | 14.092 | 228  | 894365   | 54.742  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 544158   | 48.036  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 893074   | 52.378  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.080 | 276  | 620206   | 50.343  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.127 | 252  | 784745   | 61.816  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.157 | 252  | 622046   | 53.400  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 619573   | 59.195  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.098 | 278  | 507411   | 50.062  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.539 | 276  | 462817   | 44.762  | ng    | 99       |

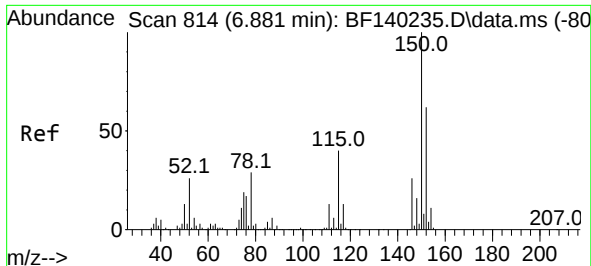
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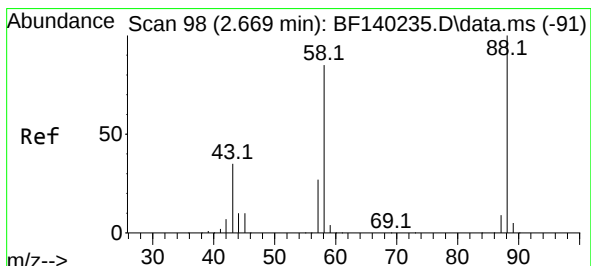
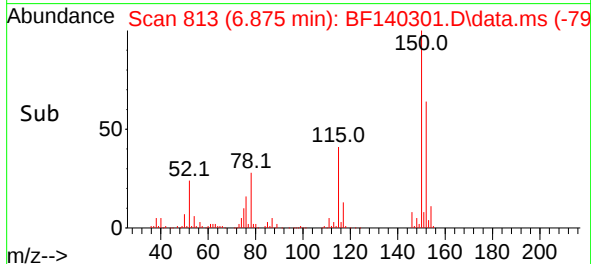
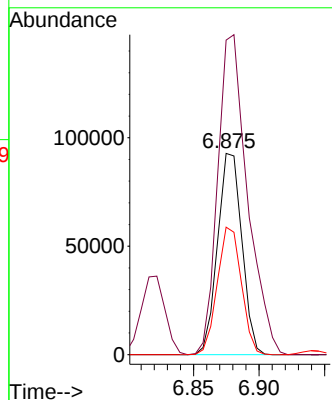
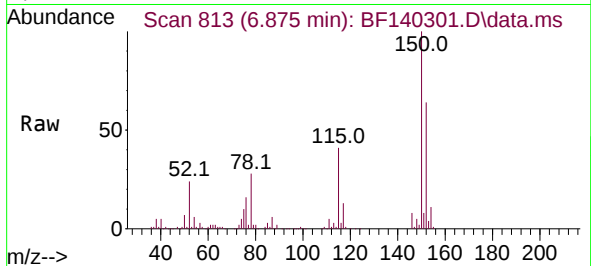




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BF140301.D  
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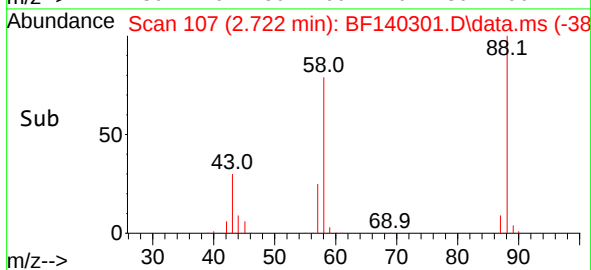
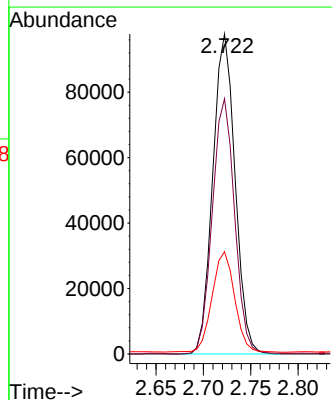
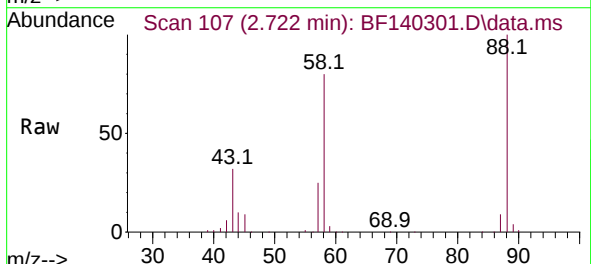
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BNA\_F  
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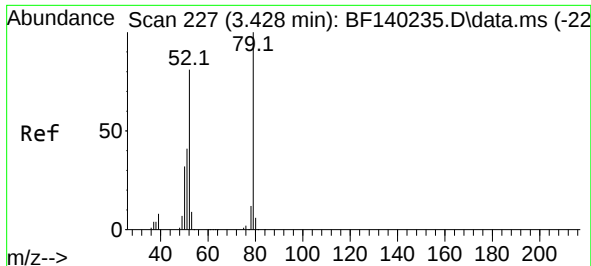
Tgt Ion:152 Resp: 119710  
Ion Ratio Lower Upper  
152 100  
150 156.3 129.4 194.2  
115 63.3 51.5 77.3



#2  
1,4-Dioxane  
Concen: 48.244 ng  
RT: 2.722 min Scan# 107  
Delta R.T. 0.053 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion: 88 Resp: 160220  
Ion Ratio Lower Upper  
88 100  
58 79.7 66.7 100.1  
43 31.8 27.8 41.8





#3

Pyridine

Concen: 49.942 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

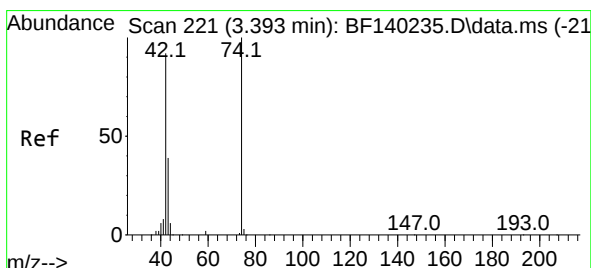
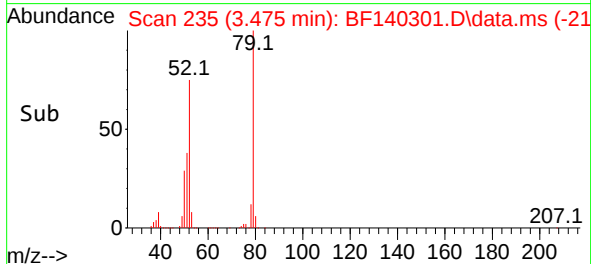
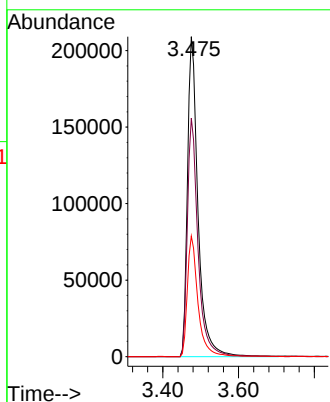
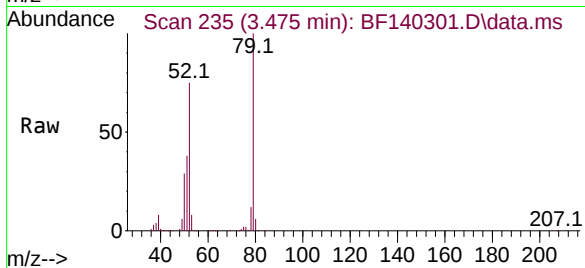
Tgt Ion: 79 Resp: 404702

Ion Ratio Lower Upper

79 100

52 74.6 64.6 97.0

51 37.7 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 47.239 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.041 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

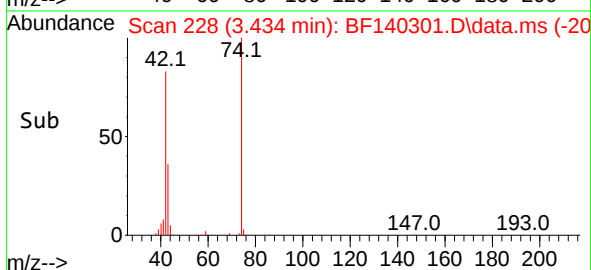
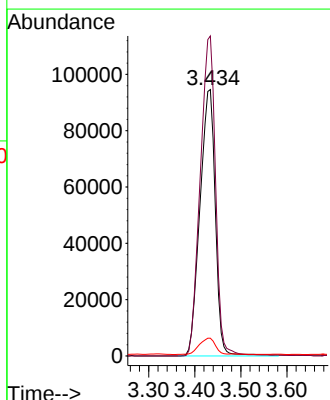
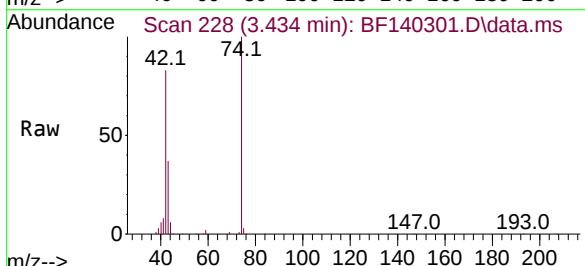
Tgt Ion: 42 Resp: 221005

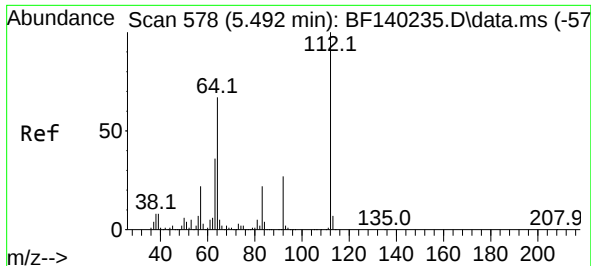
Ion Ratio Lower Upper

42 100

74 120.1 86.9 130.3

44 6.7 5.0 7.6

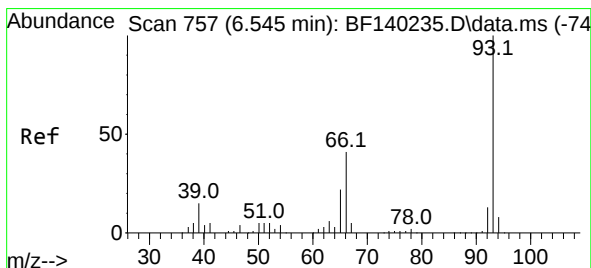
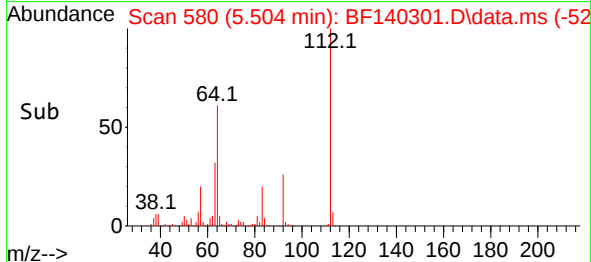
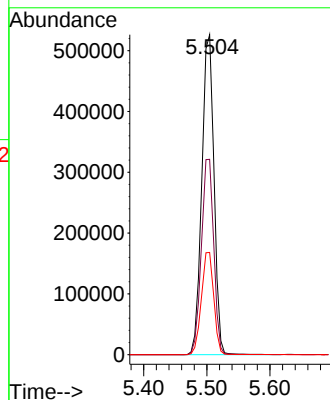
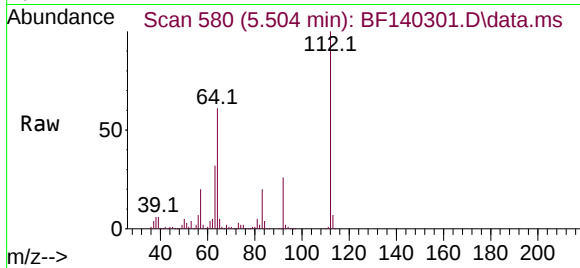




#5  
2-Fluorophenol  
Concen: 97.877 ng  
RT: 5.504 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

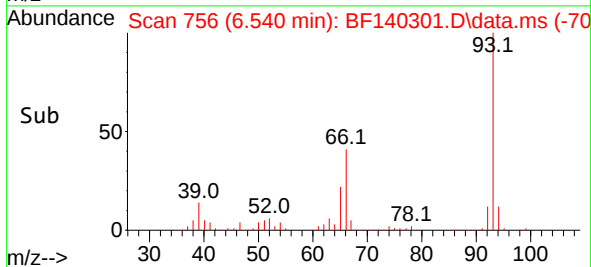
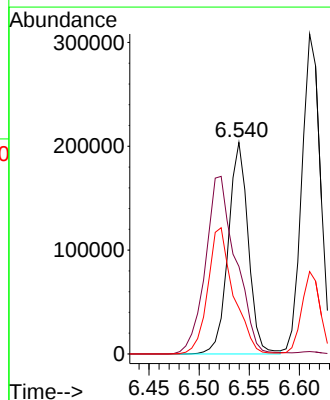
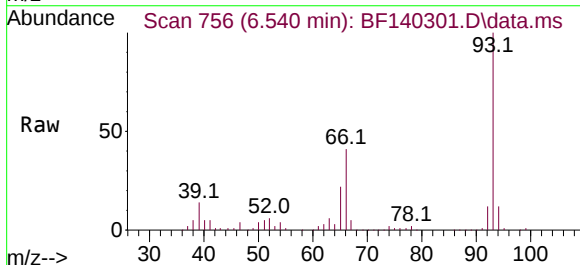
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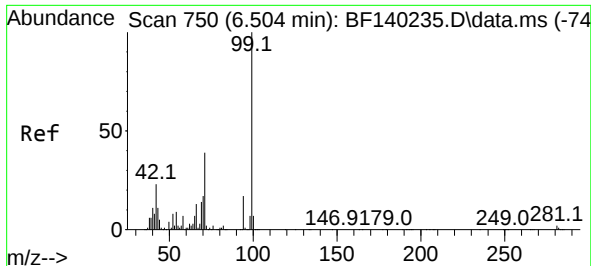
Tgt Ion:112 Resp: 707023  
Ion Ratio Lower Upper  
112 100  
64 61.1 53.4 80.2  
63 32.0 28.9 43.3



#6  
Aniline  
Concen: 33.658 ng  
RT: 6.540 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion: 93 Resp: 282537  
Ion Ratio Lower Upper  
93 100  
66 41.4 33.6 50.4  
65 21.8 17.5 26.3

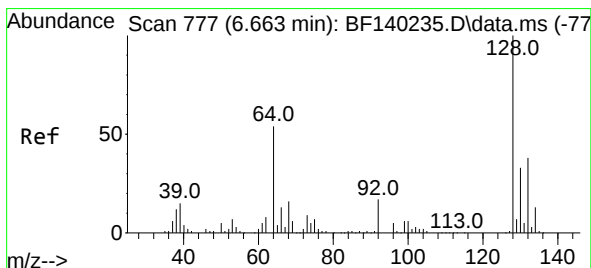
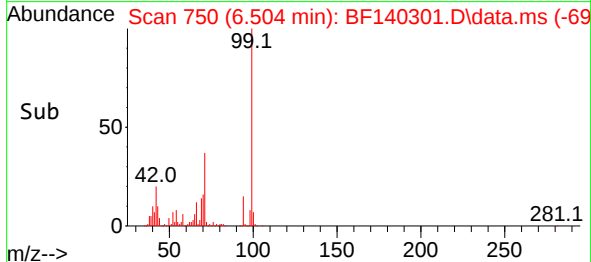
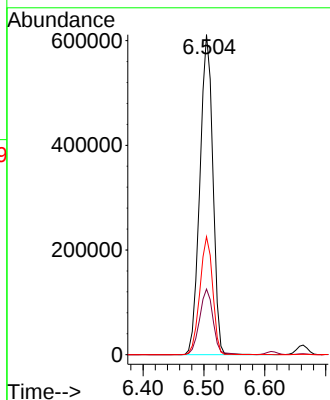
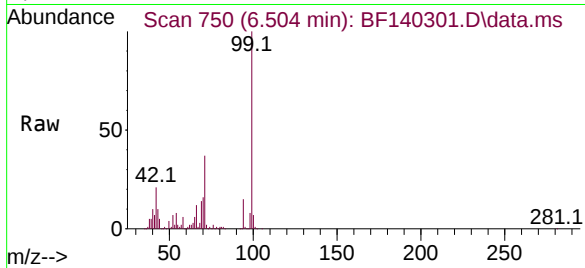




#7  
Phenol-d6  
Concen: 97.644 ng  
RT: 6.504 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

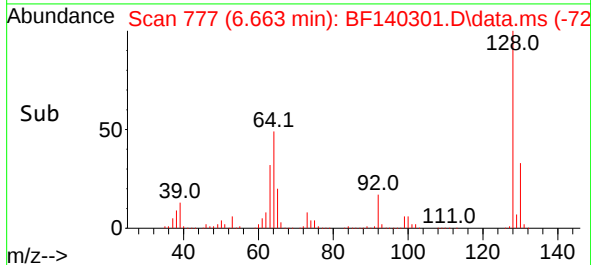
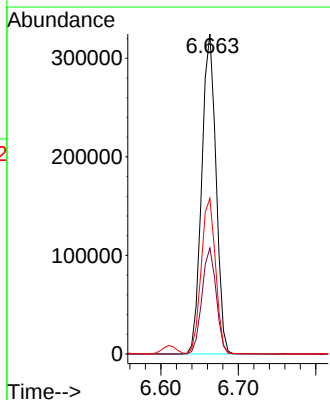
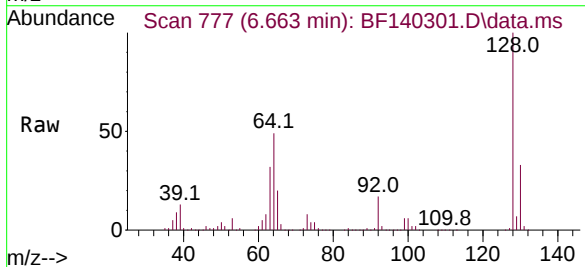
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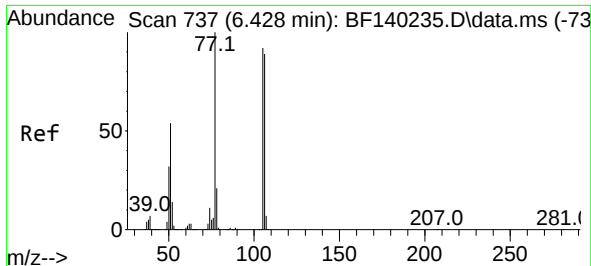
Tgt Ion: 99 Resp: 907237  
Ion Ratio Lower Upper  
99 100  
42 20.5 18.2 27.2  
71 36.8 30.9 46.3



#8  
2-Chlorophenol  
Concen: 55.012 ng  
RT: 6.663 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:128 Resp: 415790  
Ion Ratio Lower Upper  
128 100  
130 33.1 12.9 52.9  
64 48.6 36.3 76.3

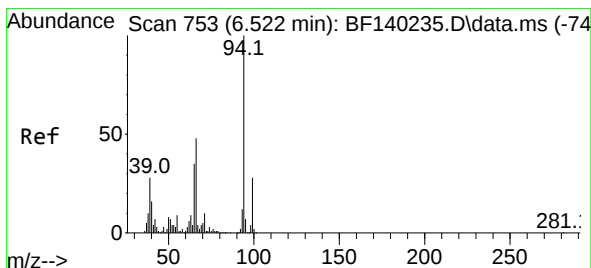
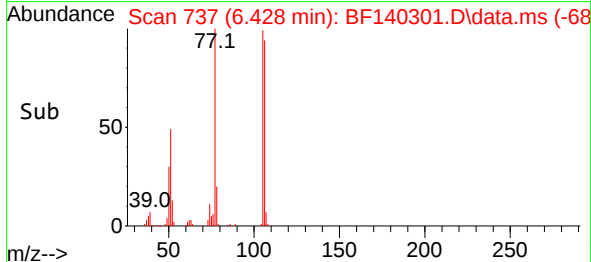
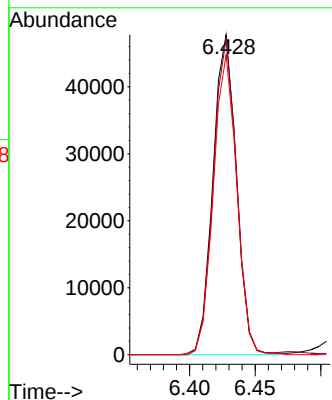
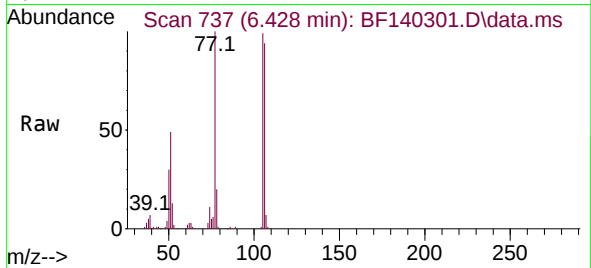




#9  
Benzaldehyde  
Concen: 10.341 ng  
RT: 6.428 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

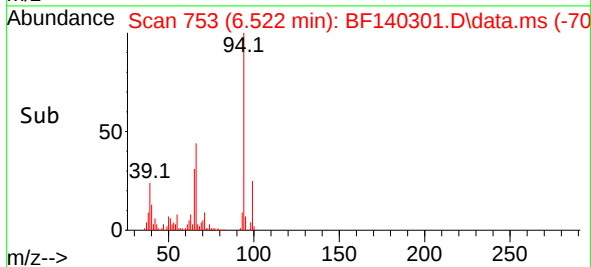
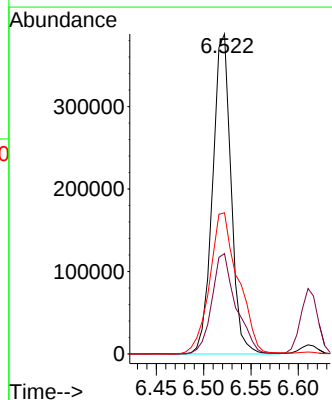
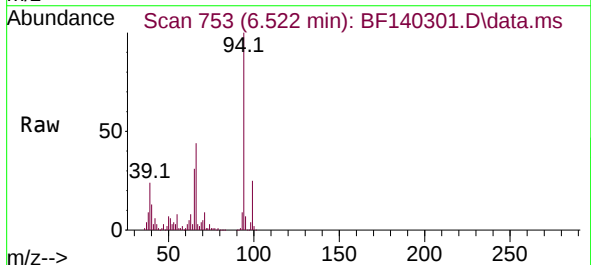
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

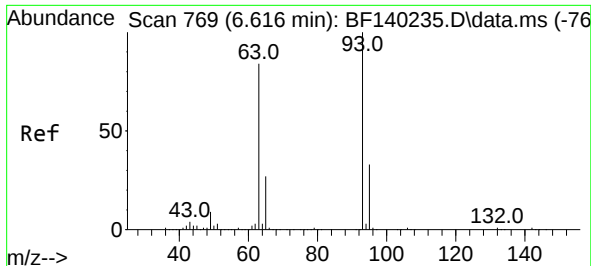
Tgt Ion: 77 Resp: 59185  
Ion Ratio Lower Upper  
77 100  
105 98.7 72.1 112.1  
106 93.7 68.8 108.8



#10  
Phenol  
Concen: 53.209 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion: 94 Resp: 525062  
Ion Ratio Lower Upper  
94 100  
65 31.3 15.1 55.1  
66 44.1 28.8 68.8

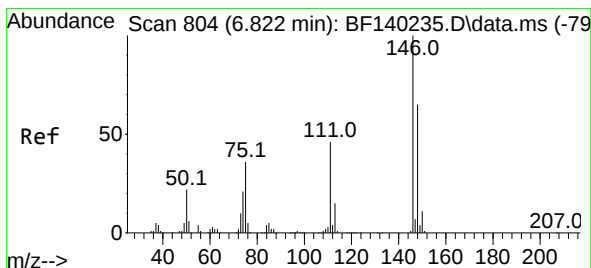
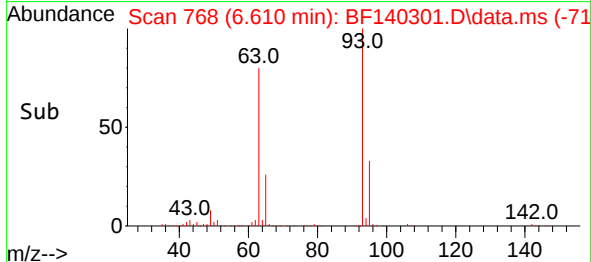
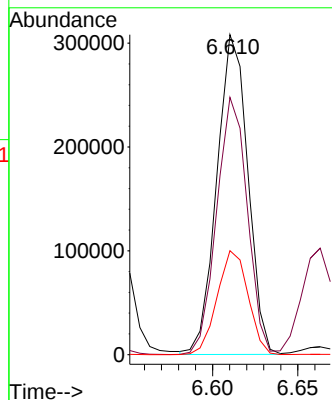
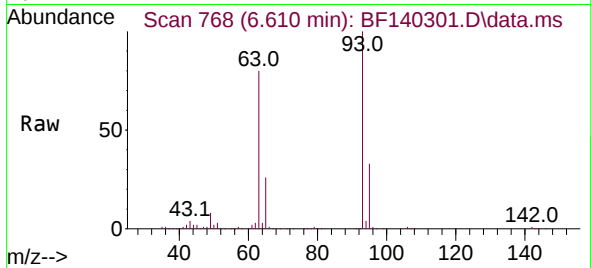




#11  
bis(2-Chloroethyl)ether  
Concen: 52.087 ng  
RT: 6.610 min Scan# 769  
Delta R.T. -0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

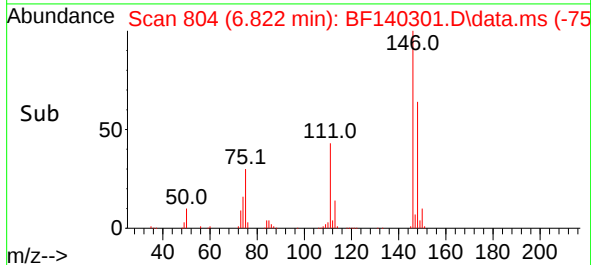
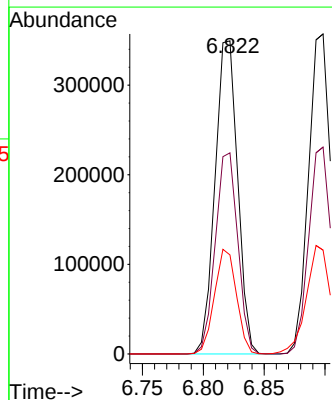
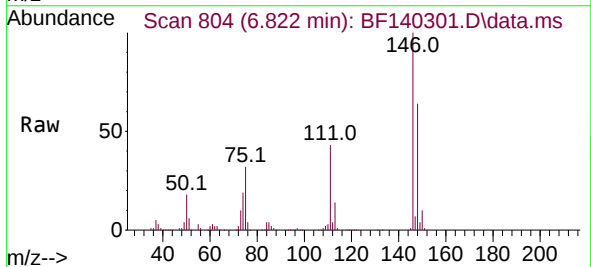
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

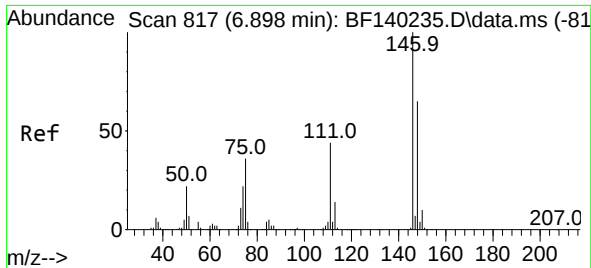
Tgt Ion: 93 Resp: 390458  
Ion Ratio Lower Upper  
93 100  
63 80.4 63.6 103.6  
95 32.5 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 51.046 ng  
RT: 6.822 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion: 146 Resp: 452119  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.7 77.5  
75 31.6 28.4 42.6

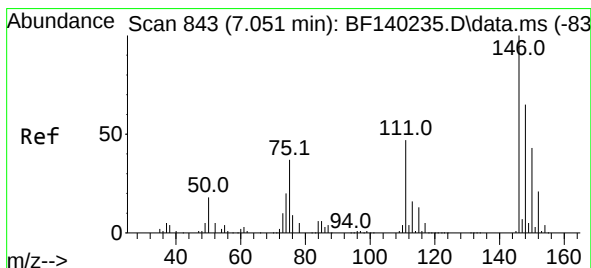
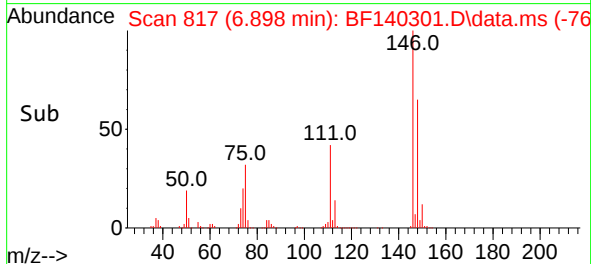
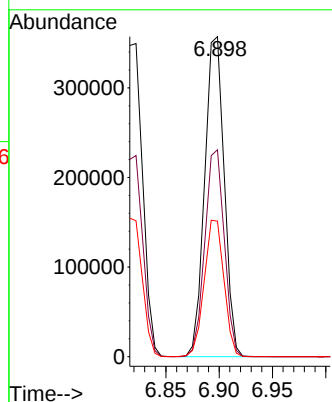
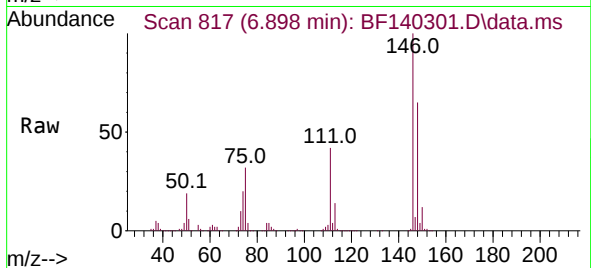




#13  
1,4-Dichlorobenzene  
Concen: 51.075 ng  
RT: 6.898 min Scan# 817  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

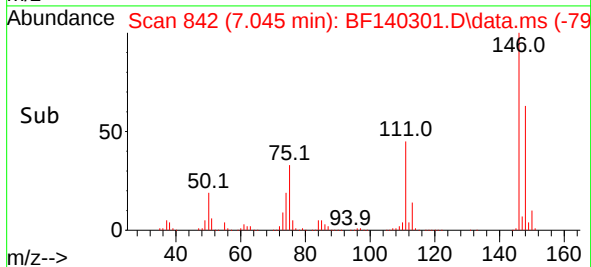
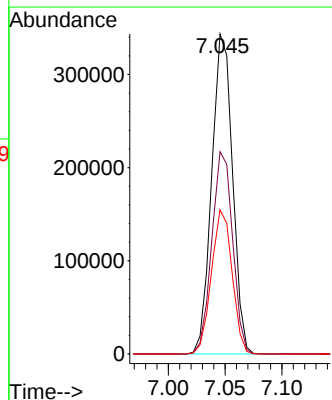
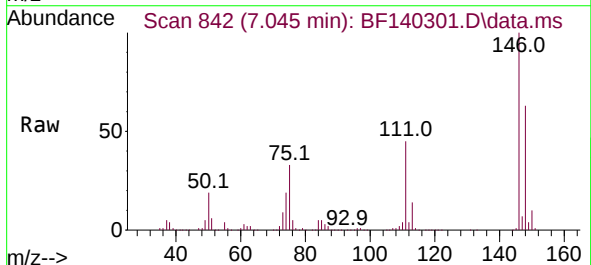
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

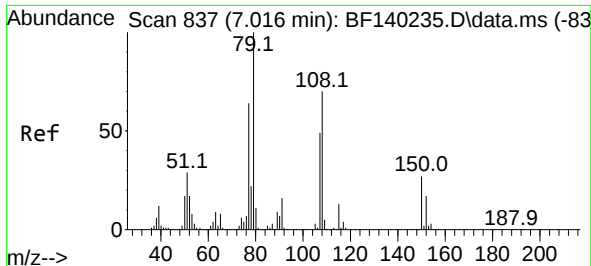
Tgt Ion:146 Resp: 456247  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.8 77.6  
111 42.3 35.4 53.2



#14  
1,2-Dichlorobenzene  
Concen: 52.402 ng  
RT: 7.045 min Scan# 842  
Delta R.T. -0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:146 Resp: 437197  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.8 77.6  
111 45.1 37.9 56.9

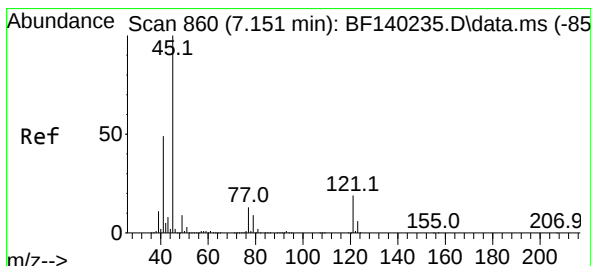
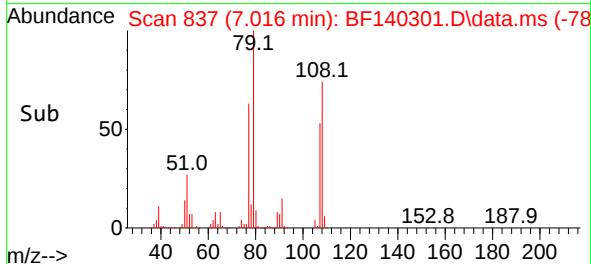
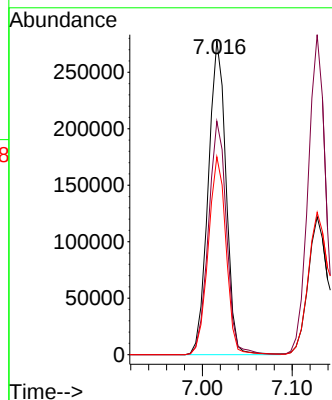
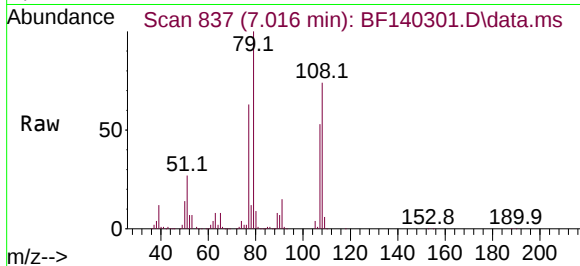




#15  
Benzyl Alcohol  
Concen: 53.338 ng  
RT: 7.016 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

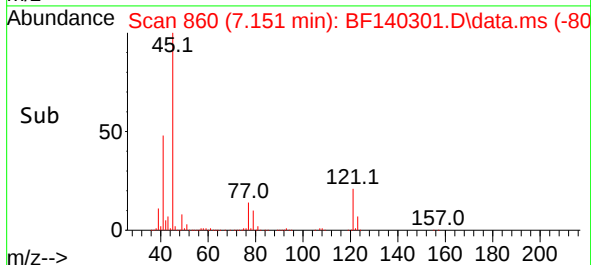
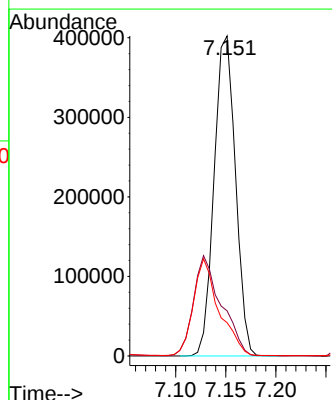
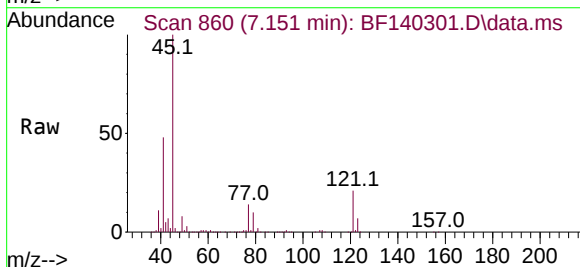
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

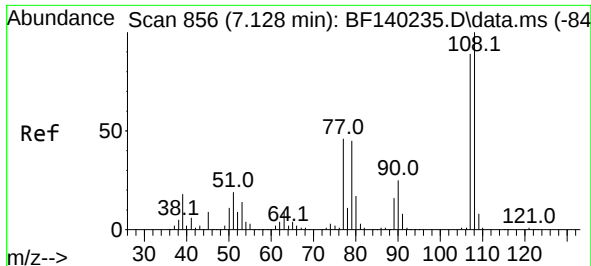
Tgt Ion: 79 Resp: 382038  
Ion Ratio Lower Upper  
79 100  
108 74.3 55.8 83.6  
77 63.1 51.1 76.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.140 ng  
RT: 7.151 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion: 45 Resp: 596260  
Ion Ratio Lower Upper  
45 100  
77 14.1 0.0 33.3  
79 10.4 0.0 29.9

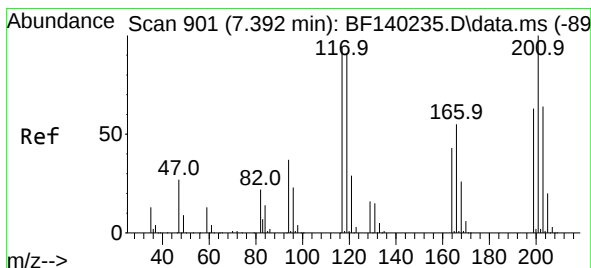
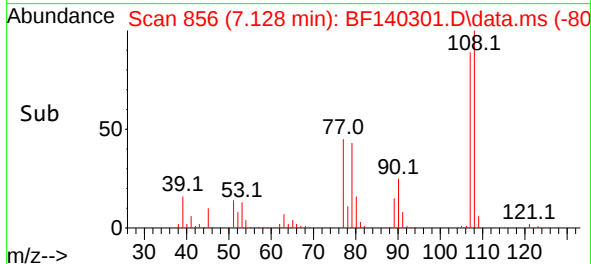
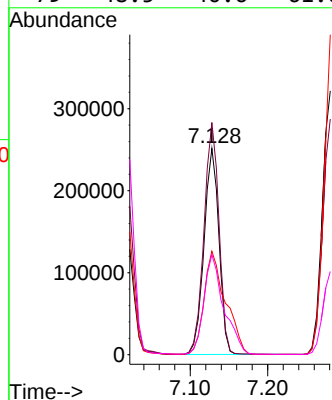
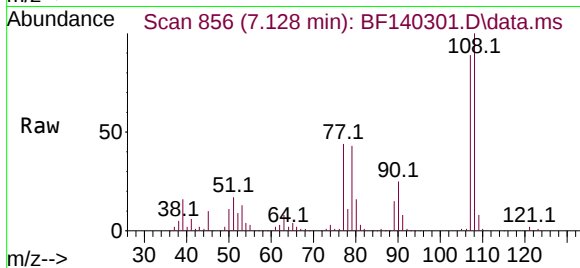




#17  
2-Methylphenol  
Concen: 53.390 ng  
RT: 7.128 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

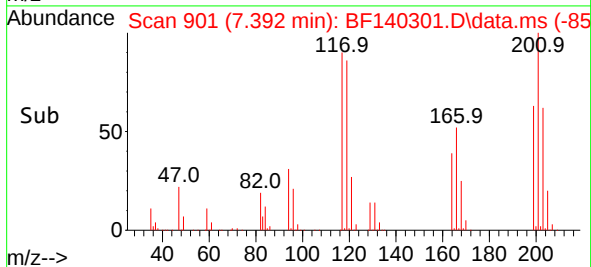
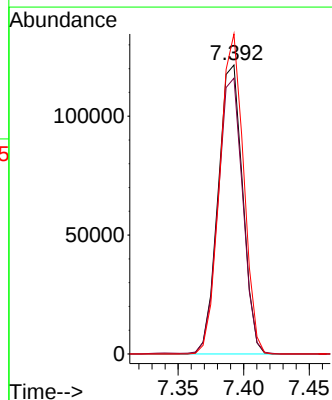
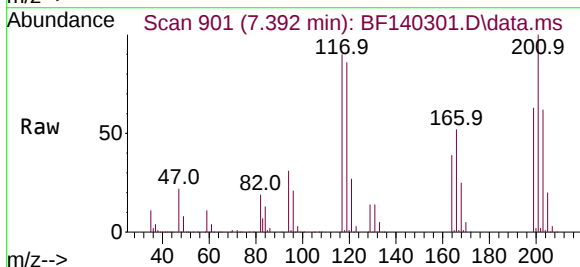
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

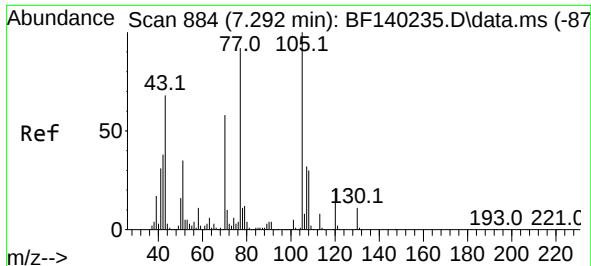
Tgt Ion:107 Resp: 336623  
Ion Ratio Lower Upper  
107 100  
108 112.6 90.5 135.7  
77 50.1 41.8 62.6  
79 48.5 40.6 61.0



#18  
Hexachloroethane  
Concen: 47.486 ng  
RT: 7.392 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:117 Resp: 158006  
Ion Ratio Lower Upper  
117 100  
119 95.5 77.3 115.9  
201 110.8 85.1 127.7

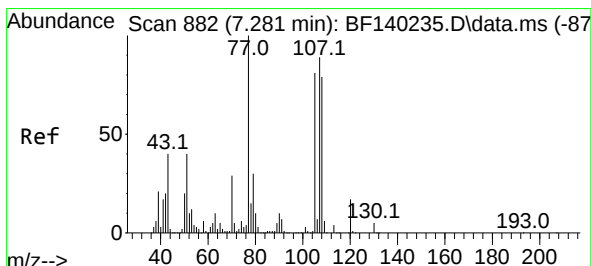
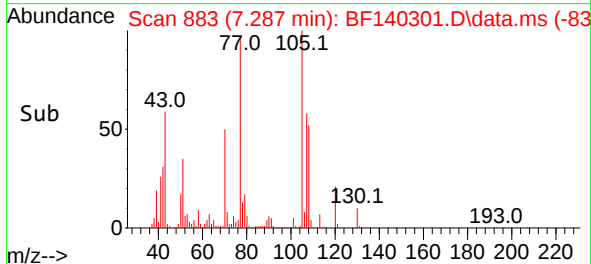
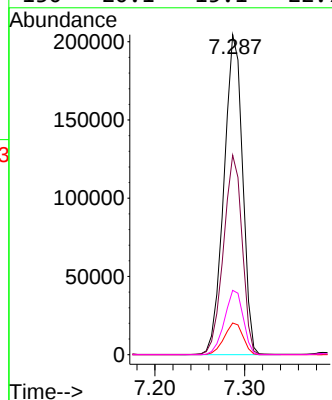
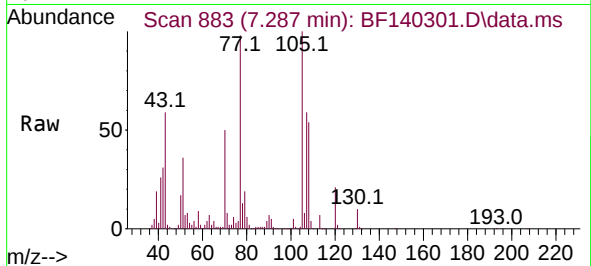




#19  
n-Nitroso-di-n-propylamine  
Concen: 49.881 ng  
RT: 7.287 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

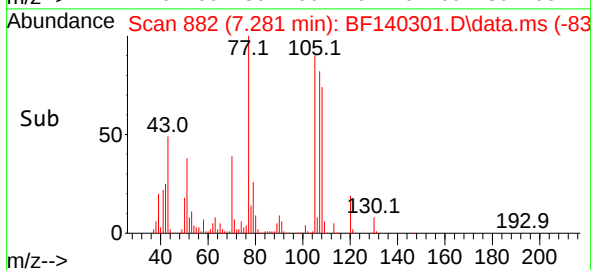
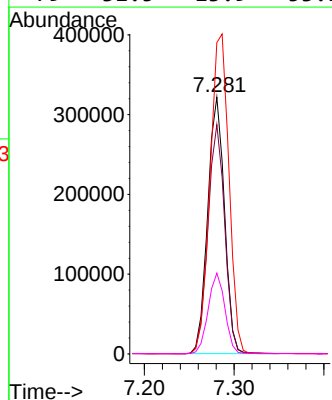
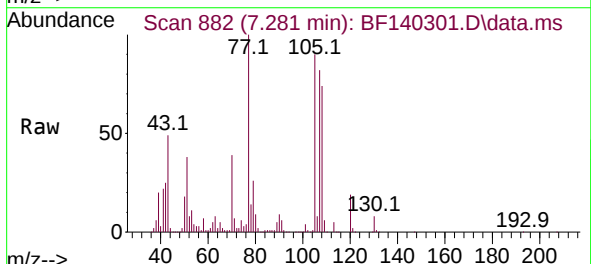
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

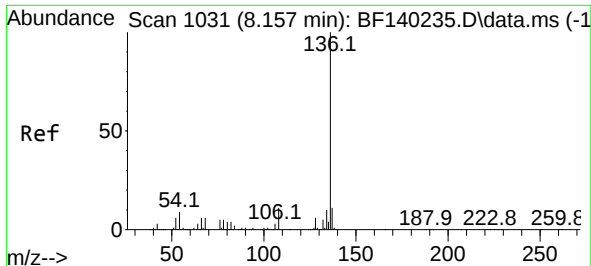
Tgt Ion: 70 Resp: 295664  
Ion Ratio Lower Upper  
70 100  
42 62.4 52.8 79.2  
101 9.9 7.4 11.2  
130 20.1 15.1 22.7



#20  
3+4-Methylphenols  
Concen: 52.717 ng  
RT: 7.281 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:107 Resp: 417440  
Ion Ratio Lower Upper  
107 100  
108 89.3 69.4 109.4  
77 121.3 92.7 132.7  
79 31.5 13.9 53.9



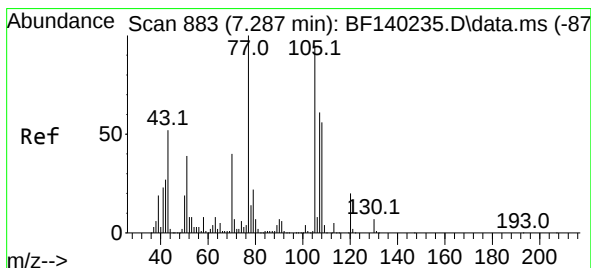
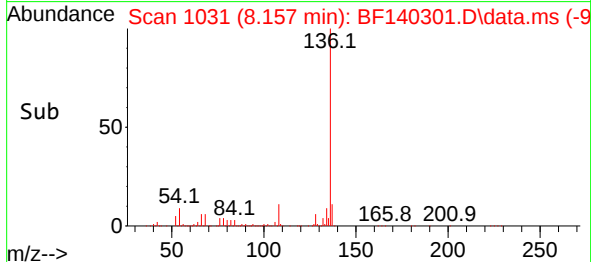
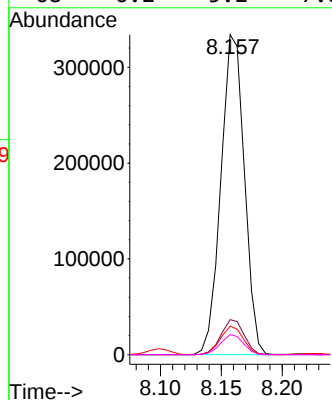
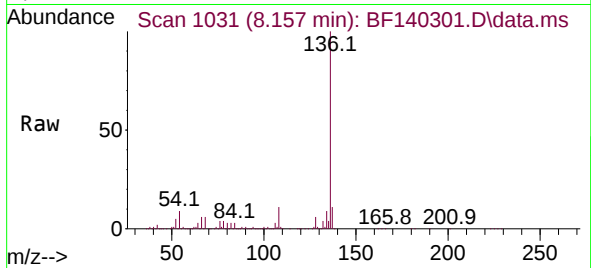


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

Tgt Ion:136 Resp: 448822

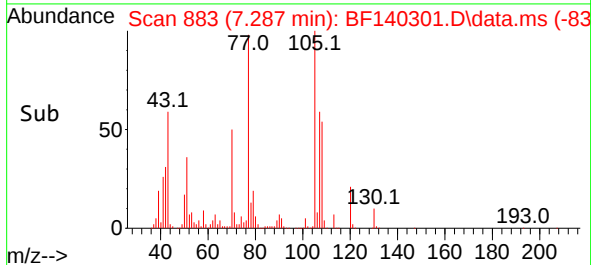
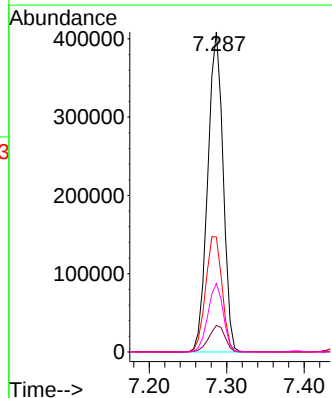
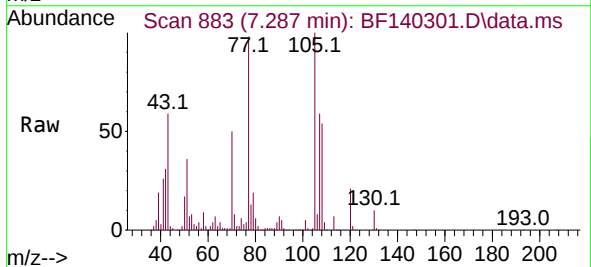
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 9.0   | 13.6  |
| 54  | 8.9   | 7.7   | 11.5  |
| 68  | 6.2   | 5.2   | 7.8   |

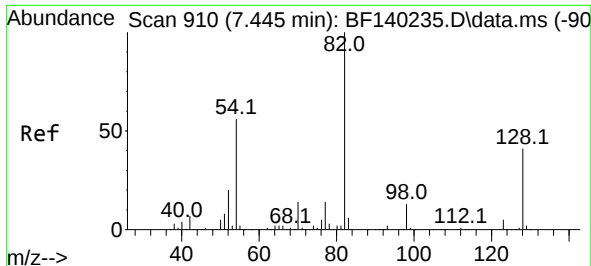


#22  
Acetophenone  
Concen: 50.524 ng  
RT: 7.287 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:105 Resp: 562225

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.3   | 5.6   | 8.4   |
| 51  | 35.9  | 33.2  | 49.8  |
| 120 | 21.4  | 16.8  | 25.2  |

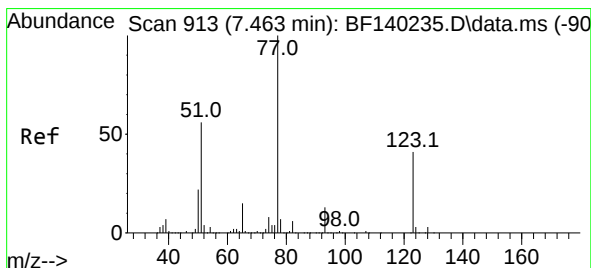
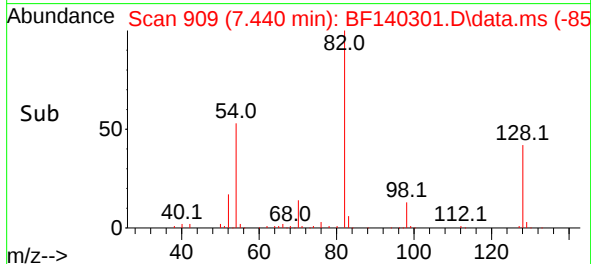
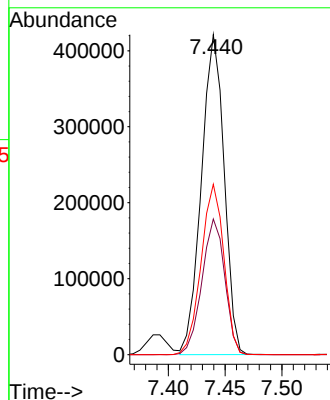
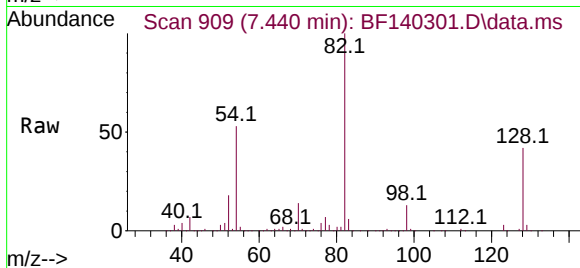




#23  
Nitrobenzene-d5  
Concen: 64.978 ng  
RT: 7.440 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

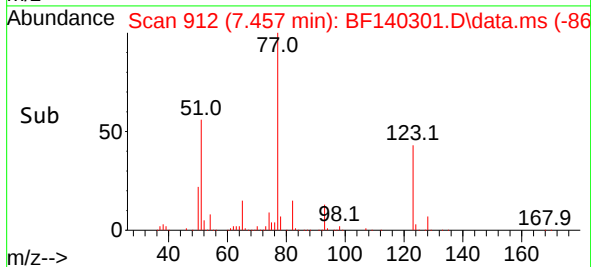
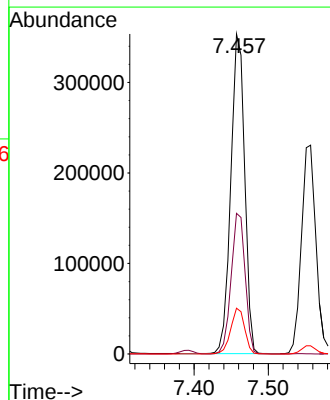
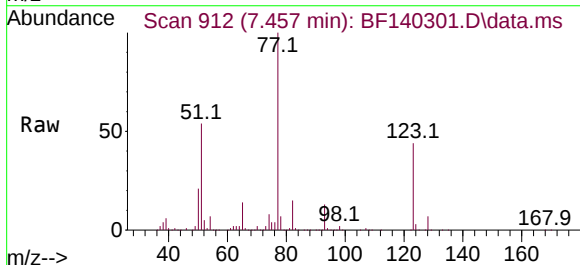
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

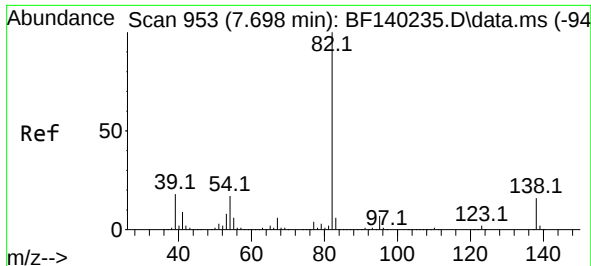
Tgt Ion: 82 Resp: 586573  
Ion Ratio Lower Upper  
82 100  
128 42.4 32.8 49.2  
54 53.2 44.3 66.5



#24  
Nitrobenzene  
Concen: 48.439 ng  
RT: 7.457 min Scan# 912  
Delta R.T. -0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion: 77 Resp: 458829  
Ion Ratio Lower Upper  
77 100  
123 43.9 33.0 49.4  
65 14.3 11.7 17.5

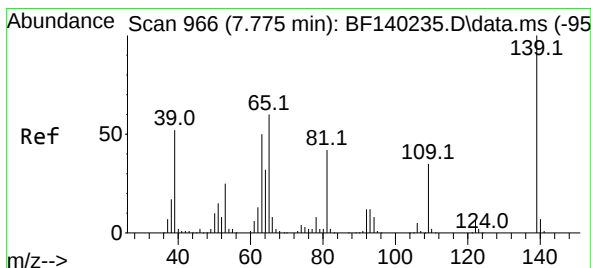
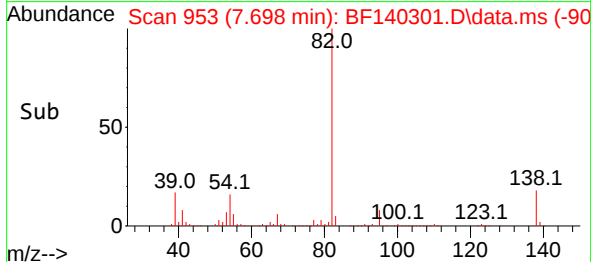
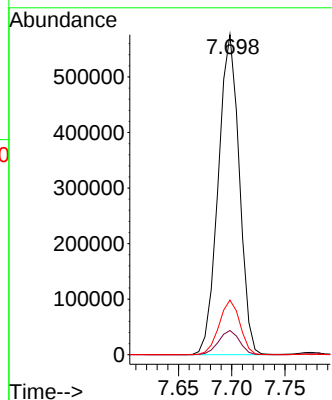
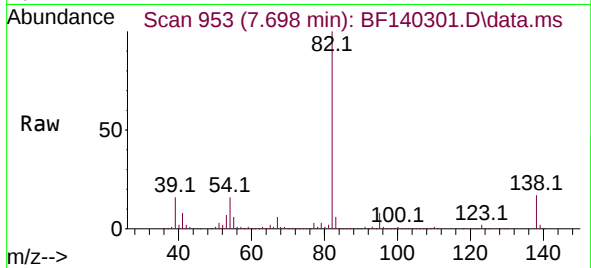




#25  
Isophorone  
Concen: 50.858 ng  
RT: 7.698 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

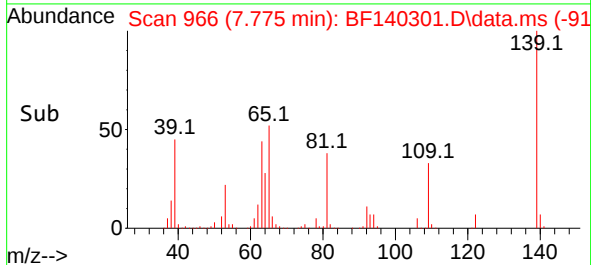
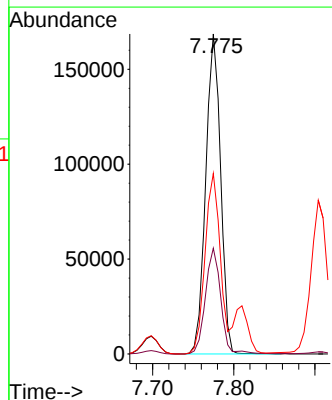
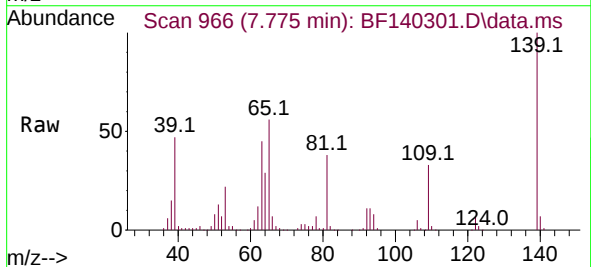
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

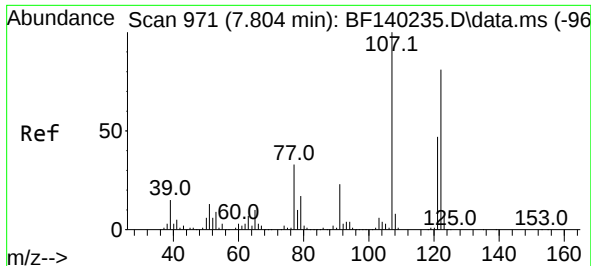
Tgt Ion: 82 Resp: 790520  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.0 9.0  
138 17.1 12.9 19.3



#26  
2-Nitrophenol  
Concen: 56.792 ng  
RT: 7.775 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:139 Resp: 213989  
Ion Ratio Lower Upper  
139 100  
109 33.1 27.8 41.8  
65 56.4 48.2 72.2

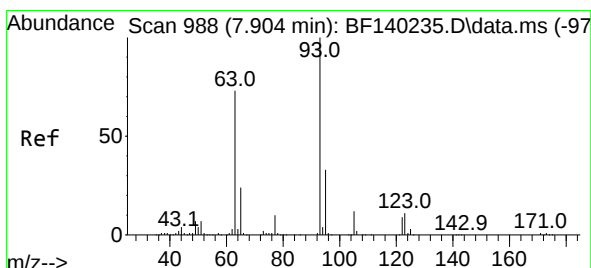
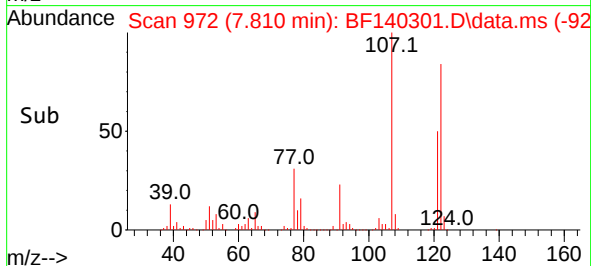
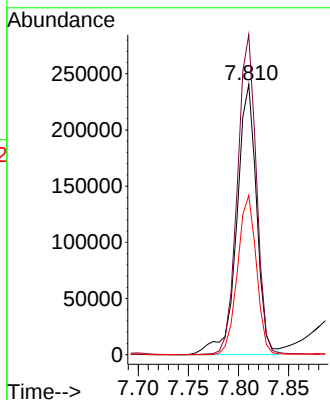
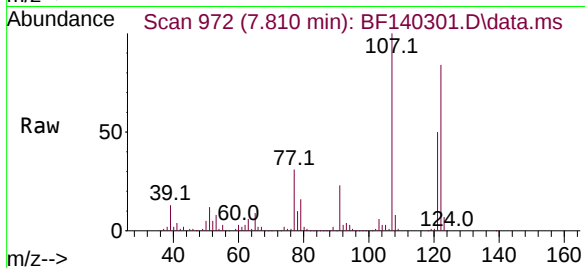




#27  
2,4-Dimethylphenol  
Concen: 64.678 ng  
RT: 7.810 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

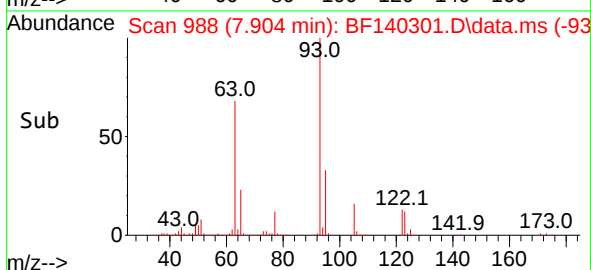
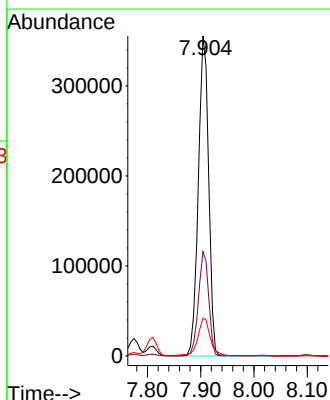
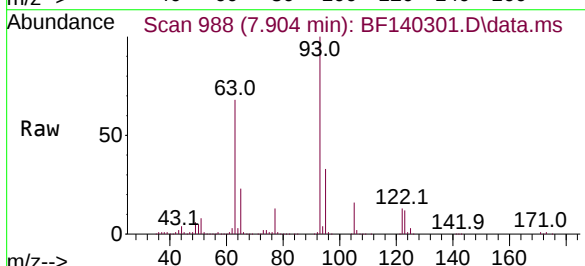
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

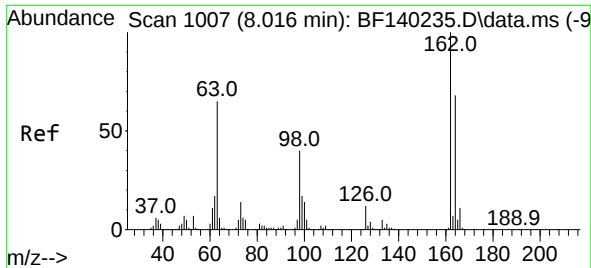
Tgt Ion:122 Resp: 331546  
Ion Ratio Lower Upper  
122 100  
107 118.4 99.4 149.0  
121 58.9 47.1 70.7



#28  
bis(2-Chloroethoxy)methane  
Concen: 51.416 ng  
RT: 7.904 min Scan# 988  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion: 93 Resp: 478264  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.1 39.1  
123 11.8 9.4 14.0

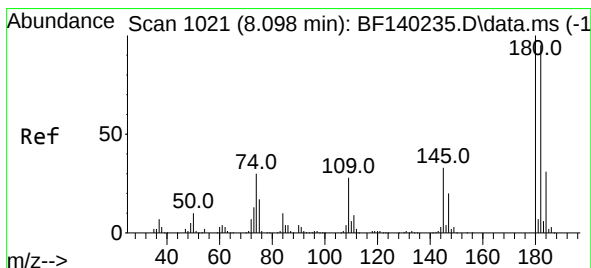
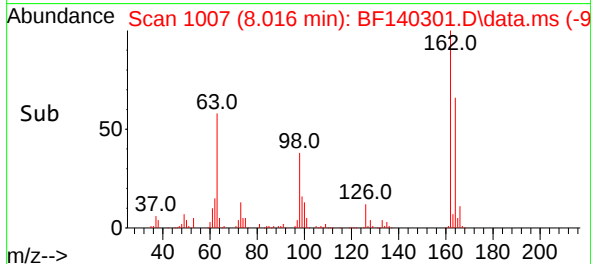
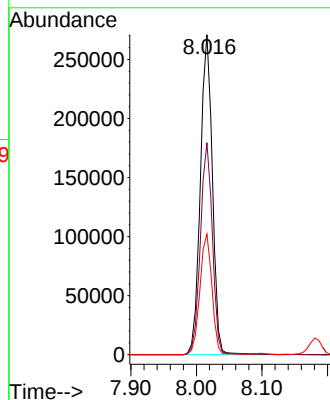
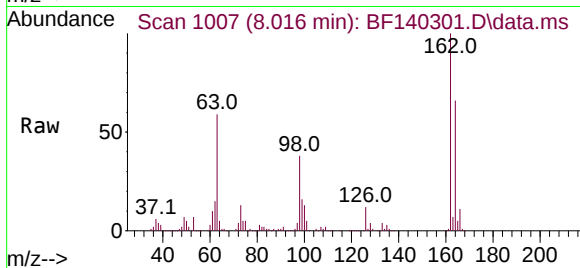




#29  
2,4-Dichlorophenol  
Concen: 54.617 ng  
RT: 8.016 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

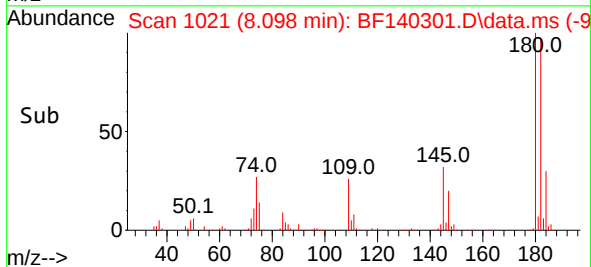
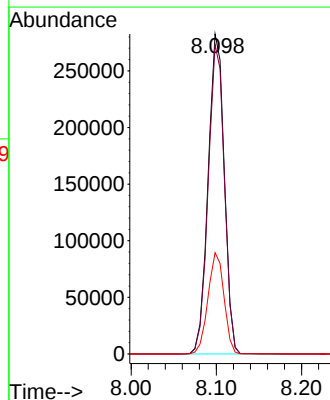
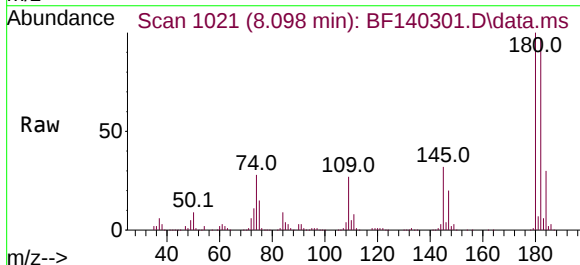
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

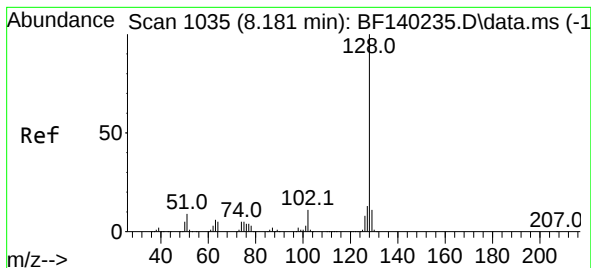
Tgt Ion:162 Resp: 346357  
Ion Ratio Lower Upper  
162 100  
164 66.2 47.5 87.5  
98 37.7 19.5 59.5



#30  
1,2,4-Trichlorobenzene  
Concen: 49.102 ng  
RT: 8.098 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:180 Resp: 373131  
Ion Ratio Lower Upper  
180 100  
182 96.7 75.9 113.9  
145 31.6 26.1 39.1





#31

Naphthalene

Concen: 50.793 ng

RT: 8.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

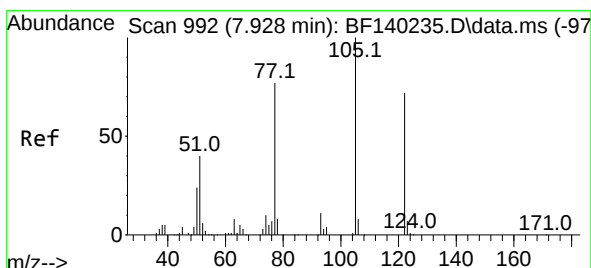
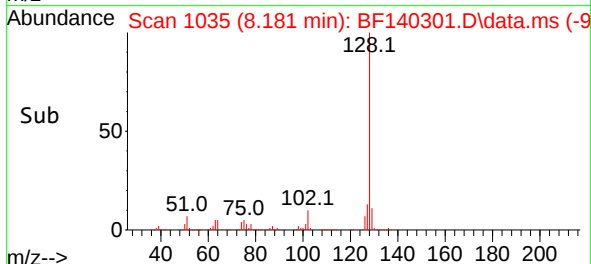
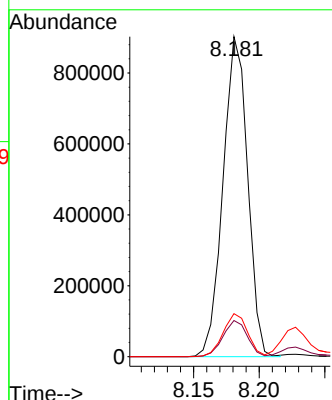
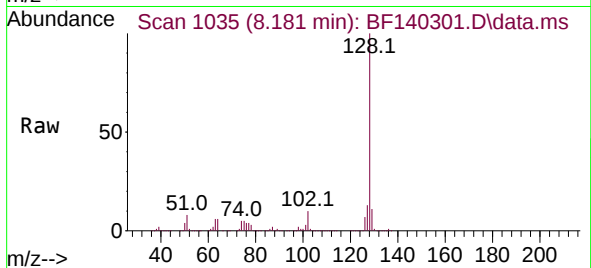
Tgt Ion:128 Resp: 1177194

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 51.341 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

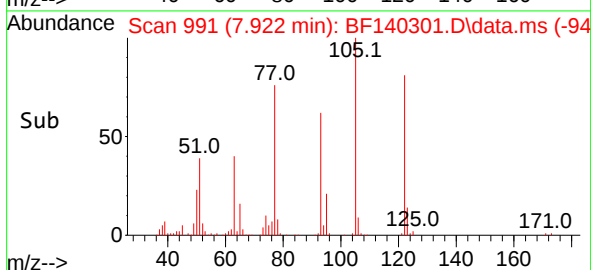
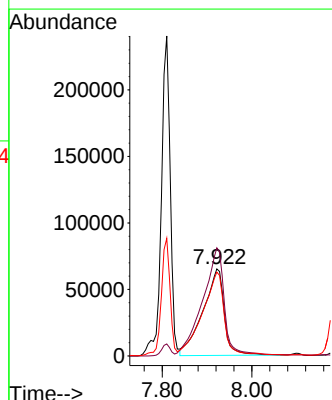
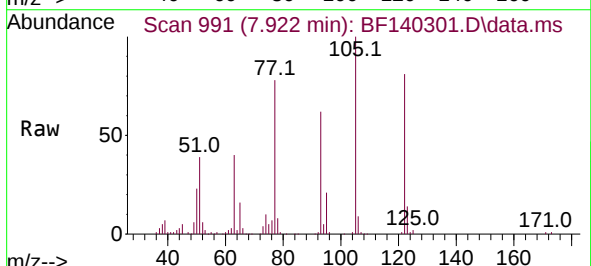
Tgt Ion:122 Resp: 215983

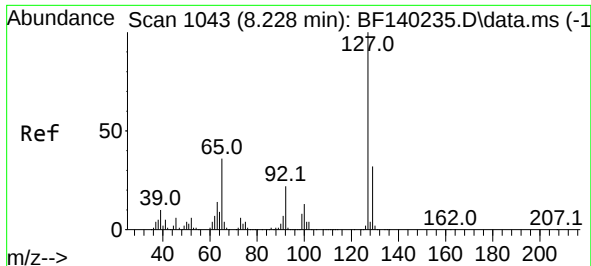
Ion Ratio Lower Upper

122 100

105 124.2 112.6 152.6

77 96.4 84.3 124.3

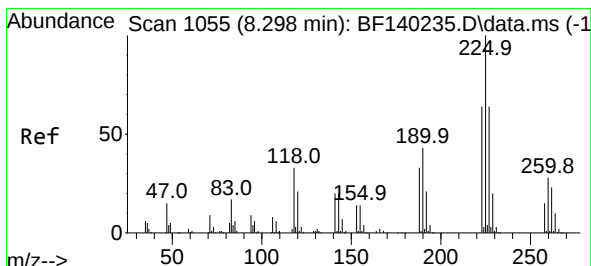
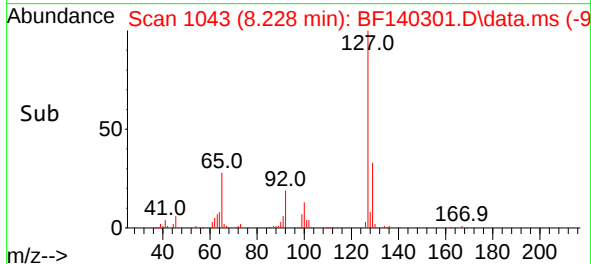
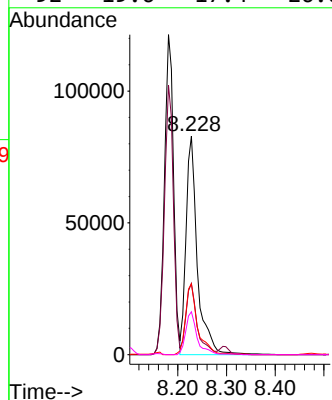
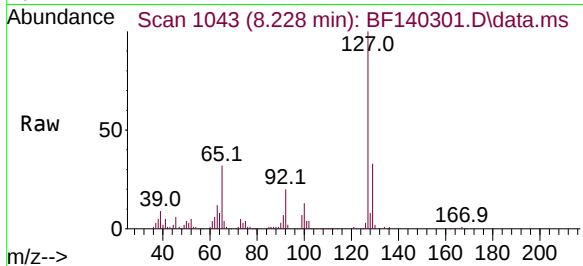




#33  
4-Chloroaniline  
Concen: 17.652 ng  
RT: 8.228 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

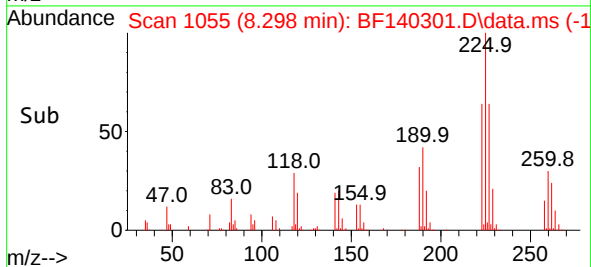
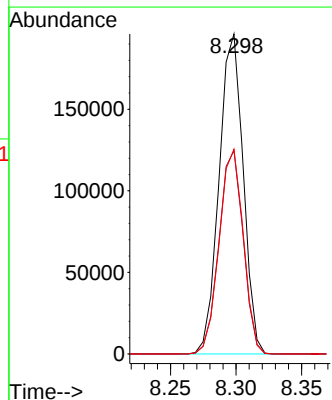
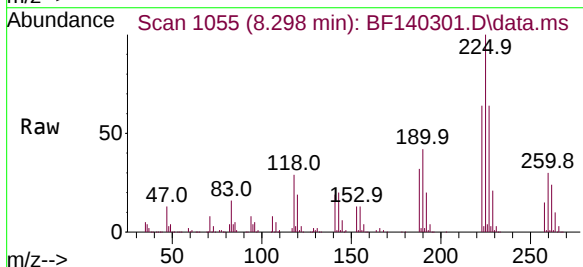
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

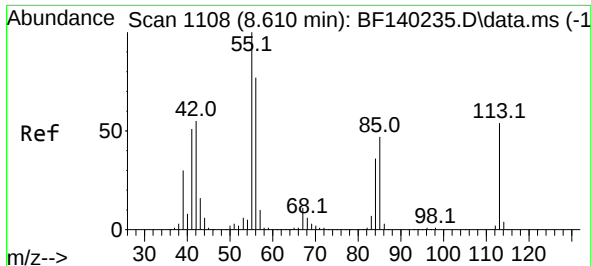
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 134686 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.6  | 25.8  | 38.6   |
| 65        | 32.4  | 29.0  | 43.6   |
| 92        | 19.6  | 17.4  | 26.0   |



#34  
Hexachlorobutadiene  
Concen: 48.661 ng  
RT: 8.298 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 250291 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.6  | 50.8  | 76.2   |
| 227       | 64.0  | 51.0  | 76.6   |

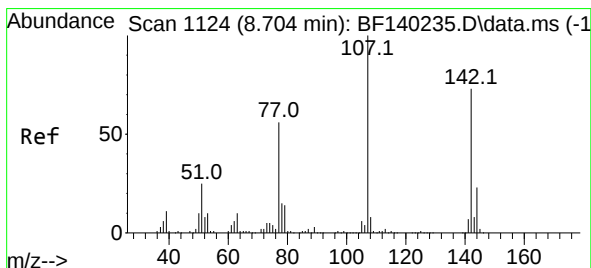
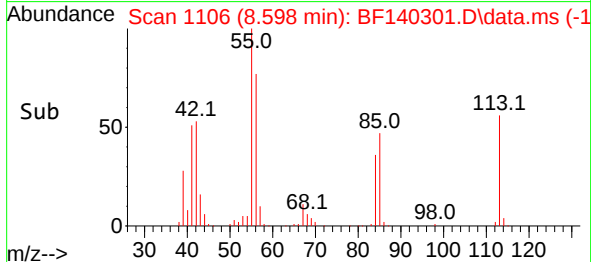
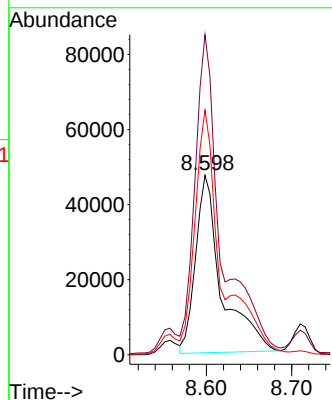
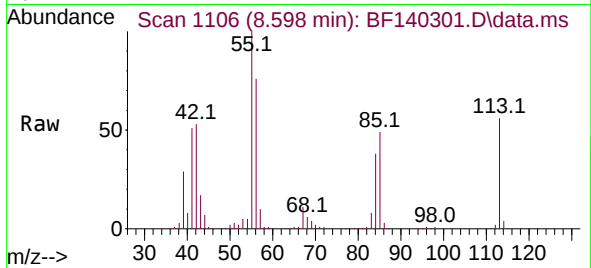




#35  
Caprolactam  
Concen: 52.113 ng  
RT: 8.598 min Scan# 1106  
Delta R.T. -0.012 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

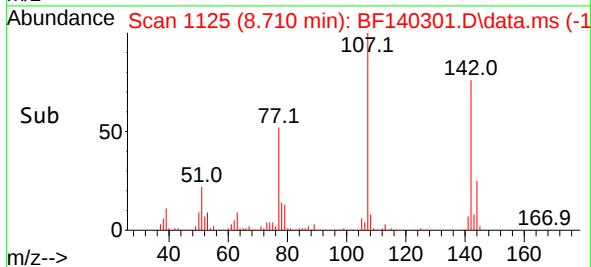
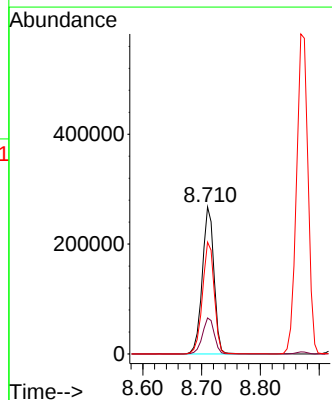
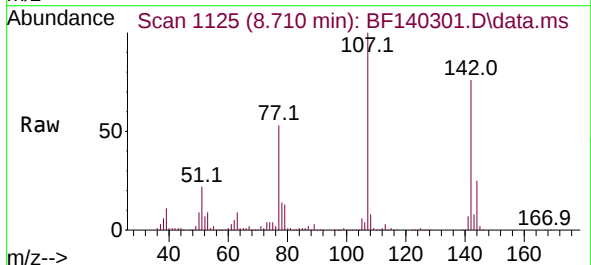
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

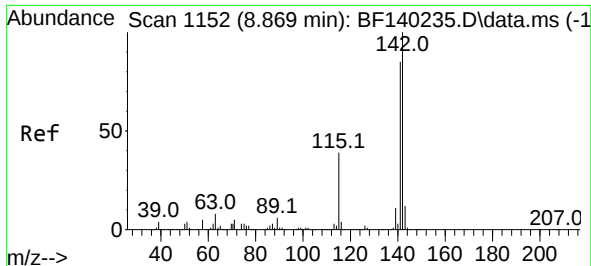
Tgt Ion:113 Resp: 100532  
Ion Ratio Lower Upper  
113 100  
55 178.4 165.2 205.2  
56 136.3 122.1 162.1



#36  
4-Chloro-3-methylphenol  
Concen: 52.351 ng  
RT: 8.710 min Scan# 1125  
Delta R.T. 0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:107 Resp: 369630  
Ion Ratio Lower Upper  
107 100  
144 24.5 18.6 27.8  
142 76.1 58.1 87.1

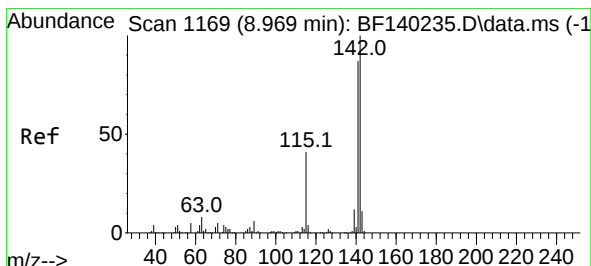
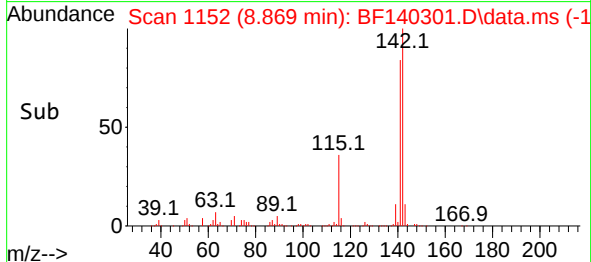
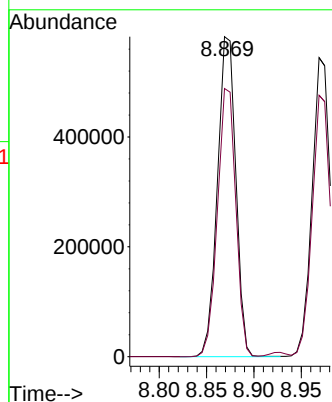
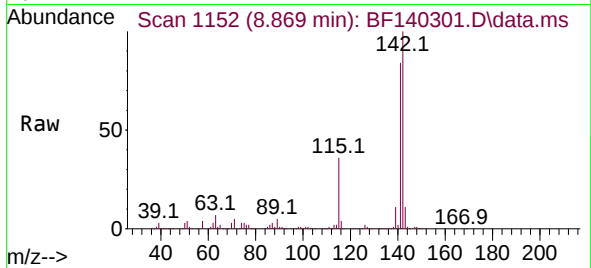




#37  
2-Methylnaphthalene  
Concen: 52.132 ng  
RT: 8.869 min Scan# 1152  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

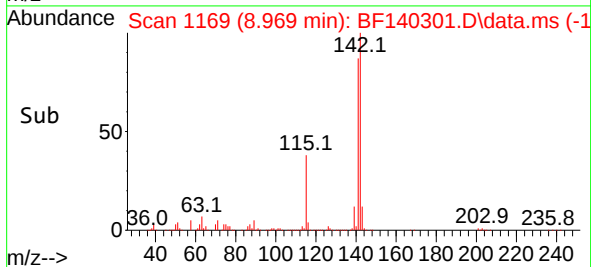
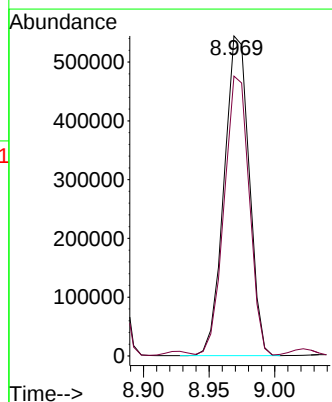
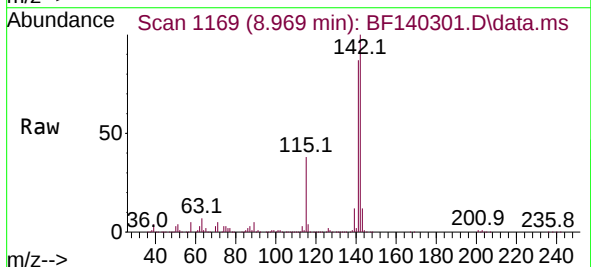
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

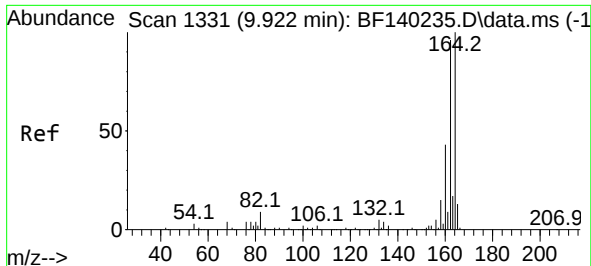
Tgt Ion:142 Resp: 788546  
Ion Ratio Lower Upper  
142 100  
141 83.8 67.8 101.8



#38  
1-Methylnaphthalene  
Concen: 48.867 ng  
RT: 8.969 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:142 Resp: 724494  
Ion Ratio Lower Upper  
142 100  
141 87.4 69.7 104.5

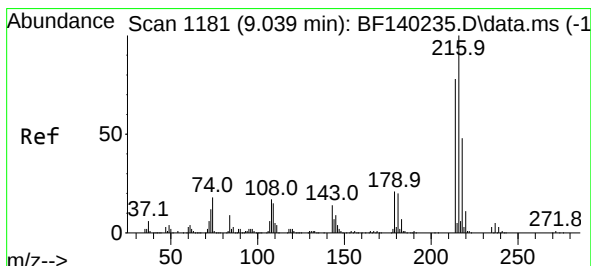
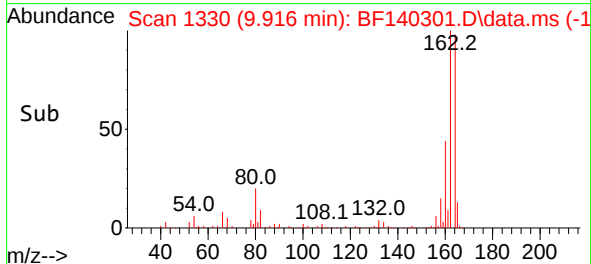
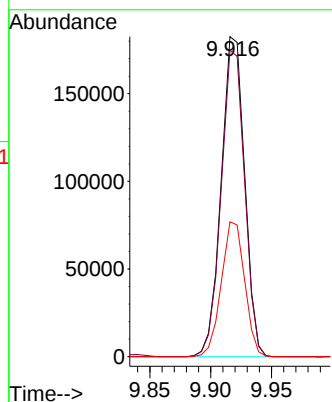
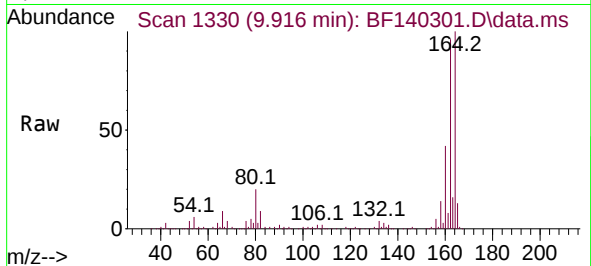




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

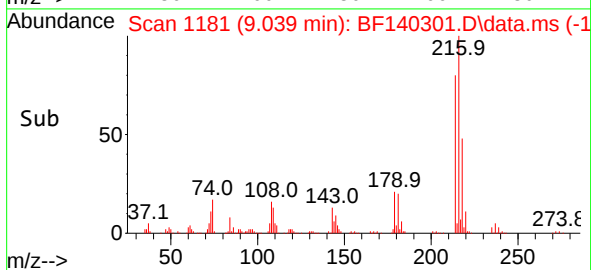
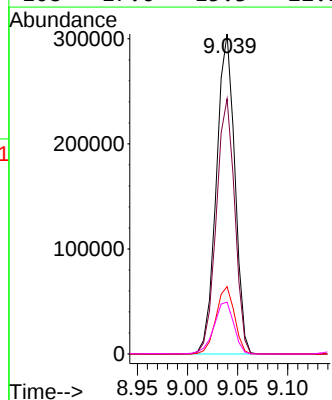
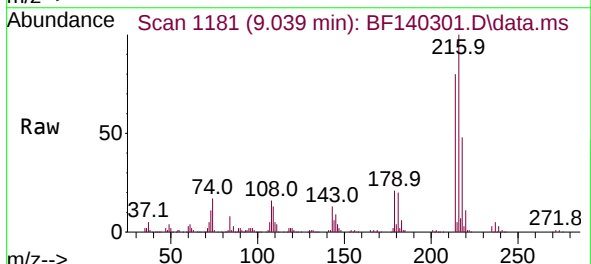
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

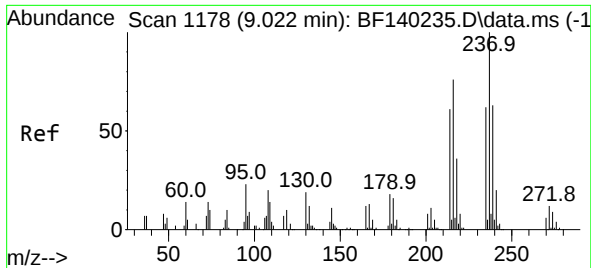
Tgt Ion:164 Resp: 245092  
Ion Ratio Lower Upper  
164 100  
162 95.8 77.0 115.4  
160 42.1 34.1 51.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 54.102 ng  
RT: 9.039 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:216 Resp: 388187  
Ion Ratio Lower Upper  
216 100  
214 79.7 62.8 94.2  
179 21.1 17.3 25.9  
108 17.6 15.3 22.9

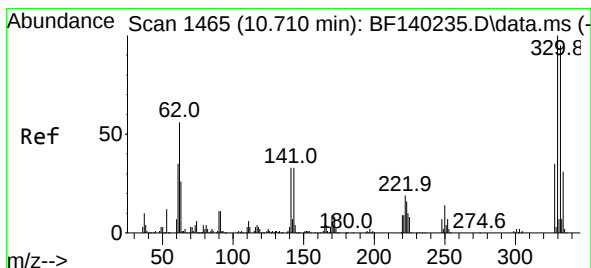
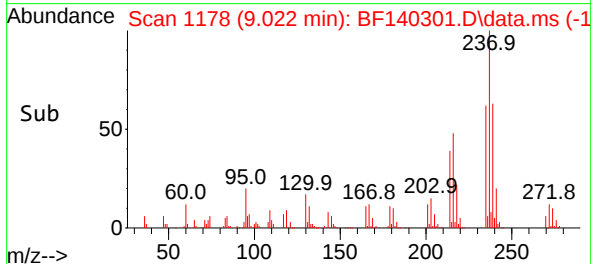
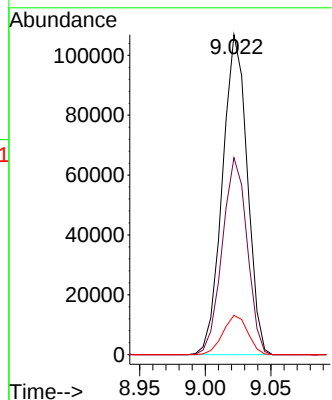
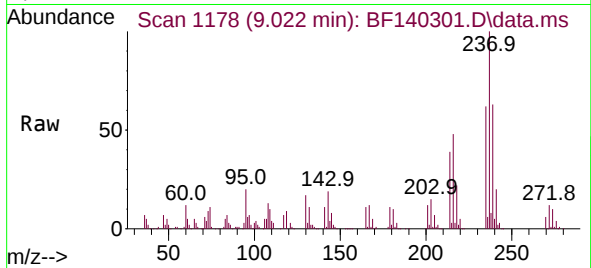




#41  
Hexachlorocyclopentadiene  
Concen: 69.923 ng  
RT: 9.022 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

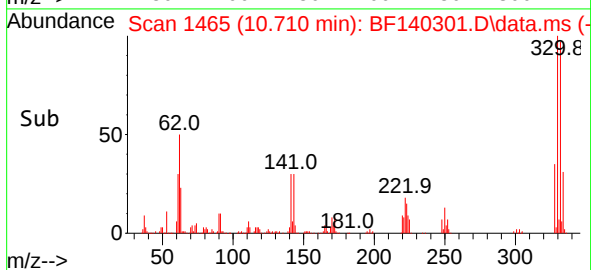
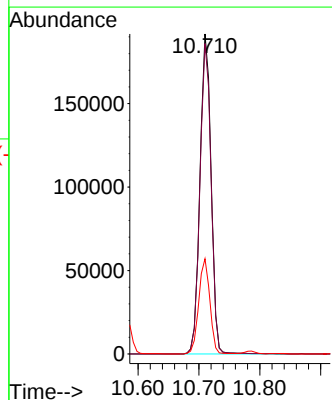
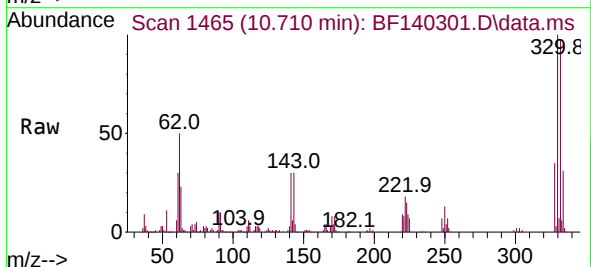
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

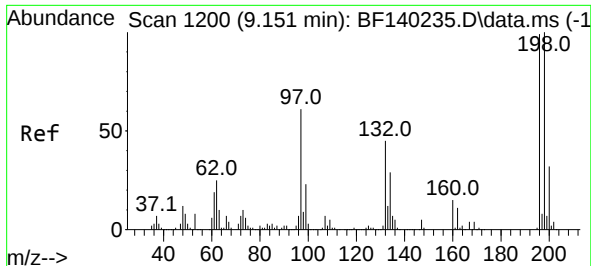
Tgt Ion:237 Resp: 140584  
Ion Ratio Lower Upper  
237 100  
235 61.5 41.8 81.8  
272 12.3 0.0 31.8



#42  
2,4,6-Tribromophenol  
Concen: 100.323 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:330 Resp: 243042  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.4 114.6  
141 29.7 27.0 40.4

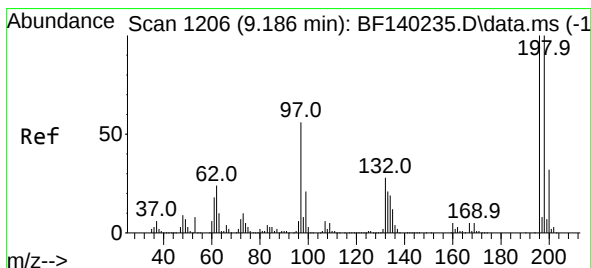
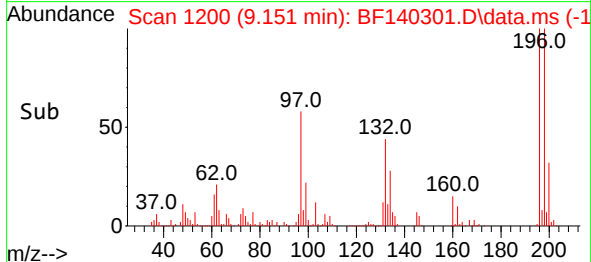
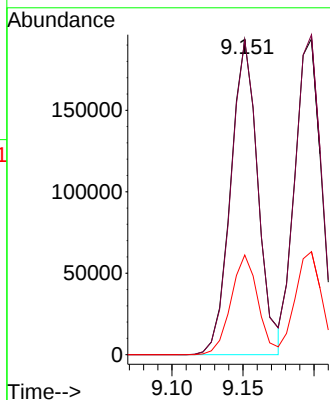
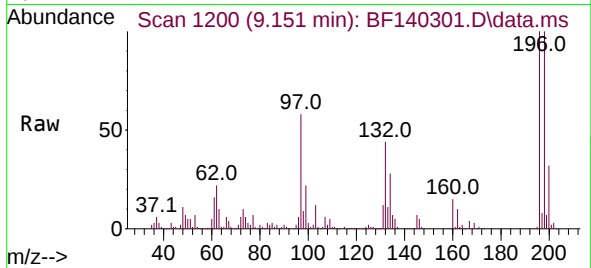




#43  
2,4,6-Trichlorophenol  
Concen: 58.060 ng  
RT: 9.151 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

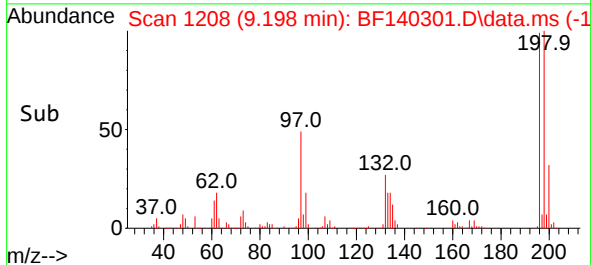
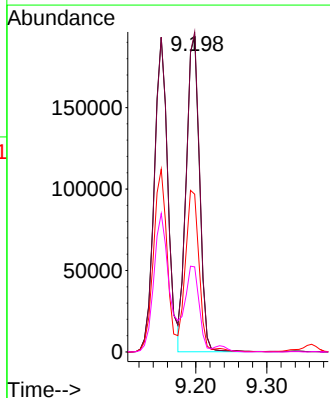
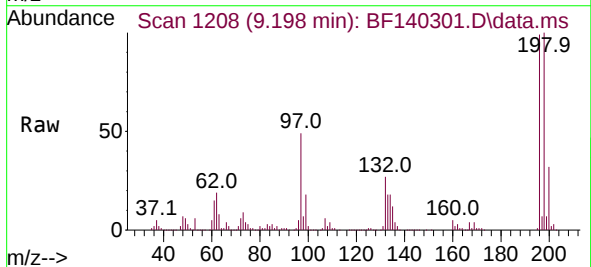
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

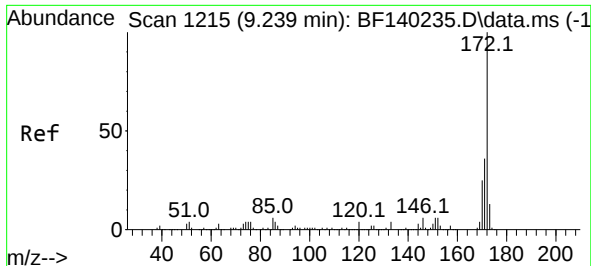
Tgt Ion:196 Resp: 258151  
Ion Ratio Lower Upper  
196 100  
198 100.0 80.8 121.2  
200 31.7 26.0 39.0



#44  
2,4,5-Trichlorophenol  
Concen: 53.898 ng  
RT: 9.198 min Scan# 1208  
Delta R.T. 0.012 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:196 Resp: 251975  
Ion Ratio Lower Upper  
196 100  
198 101.3 80.0 120.0  
97 49.9 45.7 68.5  
132 26.9 23.0 34.6





#45

2-Fluorobiphenyl

Concen: 69.165 ng

RT: 9.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

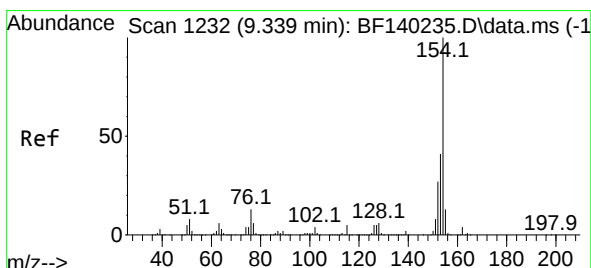
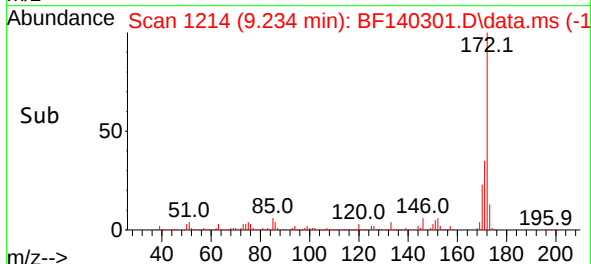
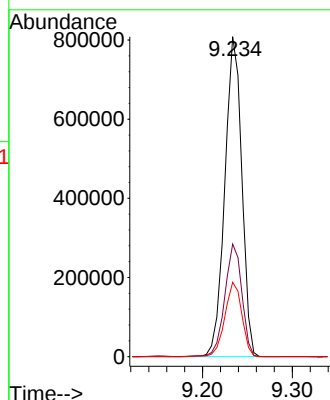
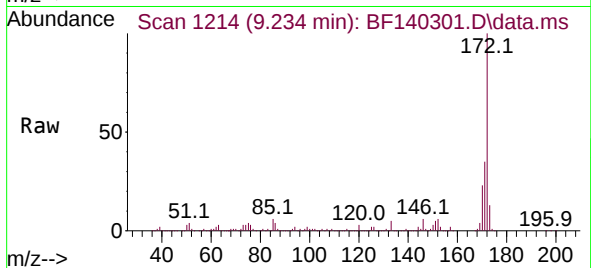
Tgt Ion:172 Resp: 1061614

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.3 19.6 29.4



#46

1,1'-Biphenyl

Concen: 53.192 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

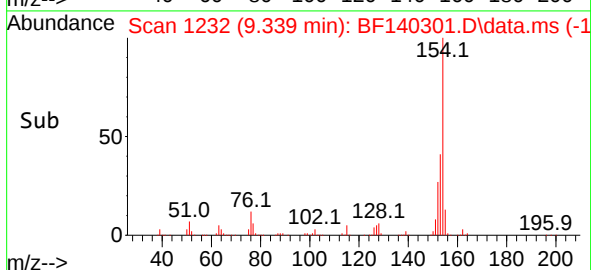
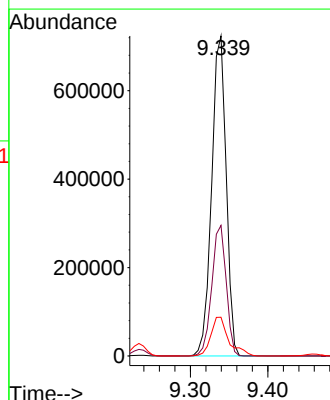
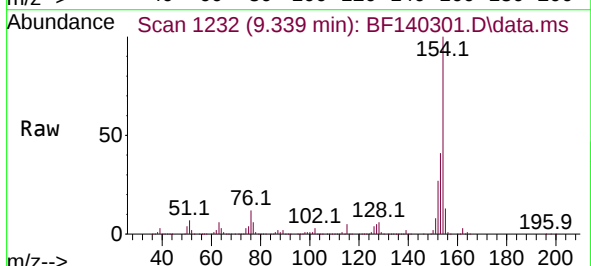
Tgt Ion:154 Resp: 942328

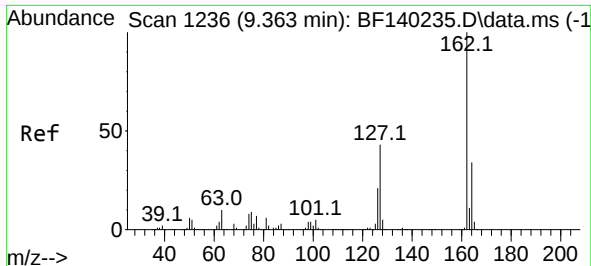
Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

76 12.1 0.0 32.6

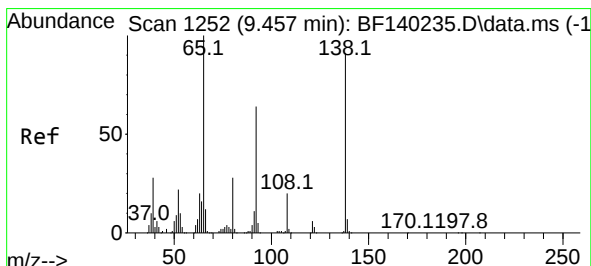
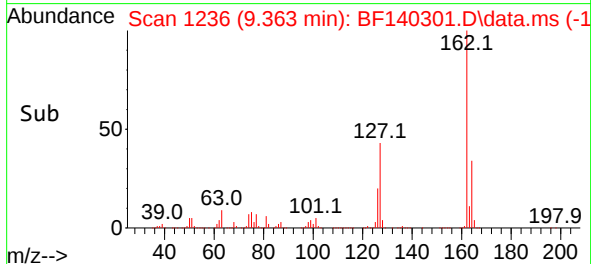
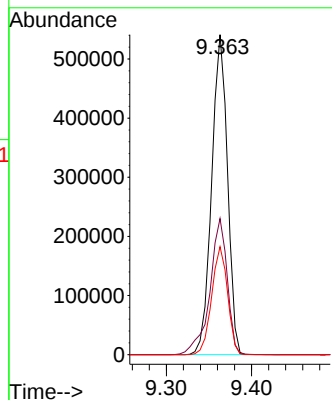
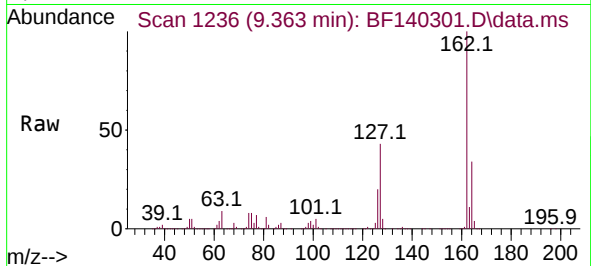




#47  
2-Chloronaphthalene  
Concen: 52.352 ng  
RT: 9.363 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

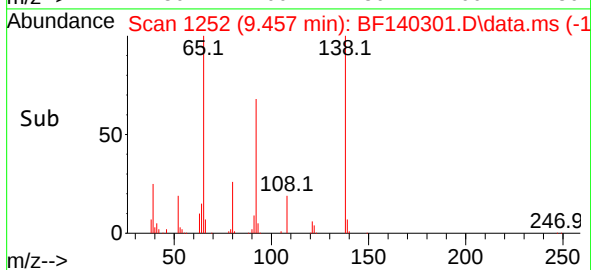
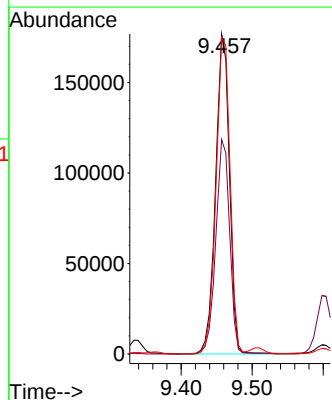
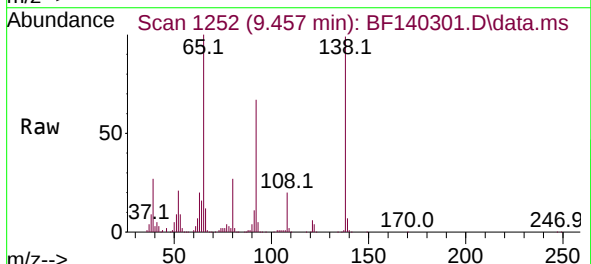
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

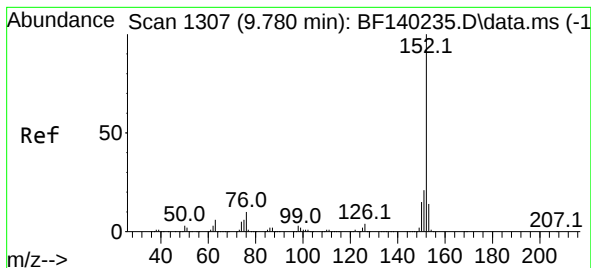
Tgt Ion:162 Resp: 698040  
Ion Ratio Lower Upper  
162 100  
127 42.5 34.8 52.2  
164 33.8 27.3 40.9



#48  
2-Nitroaniline  
Concen: 53.657 ng  
RT: 9.457 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion: 65 Resp: 239264  
Ion Ratio Lower Upper  
65 100  
92 67.0 51.6 77.4  
138 98.8 73.0 109.6





#49

Acenaphthylene

Concen: 57.170 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

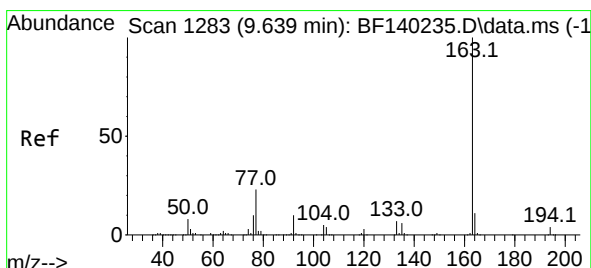
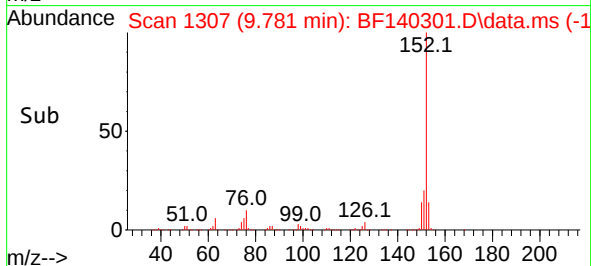
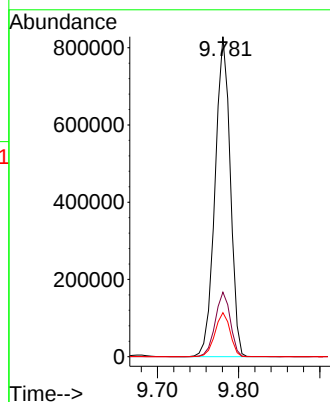
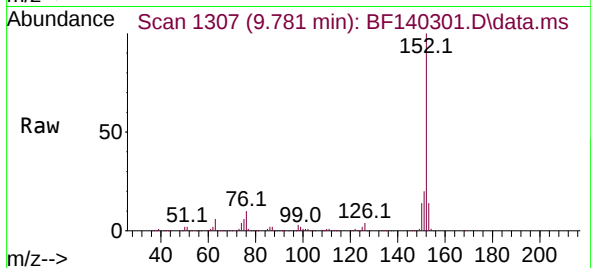
Tgt Ion:152 Resp: 1079221

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 55.648 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

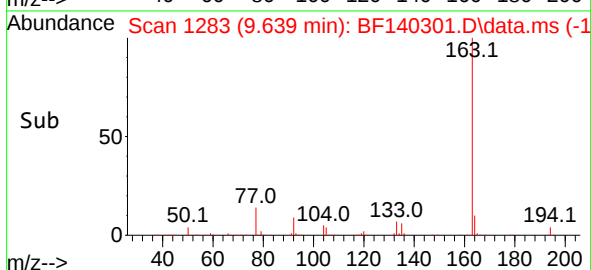
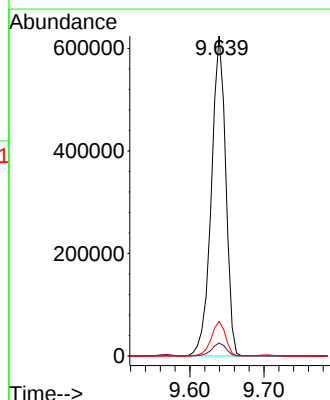
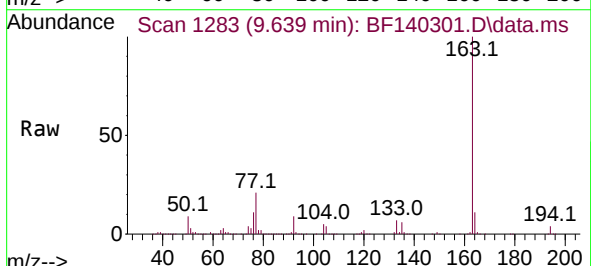
Tgt Ion:163 Resp: 839973

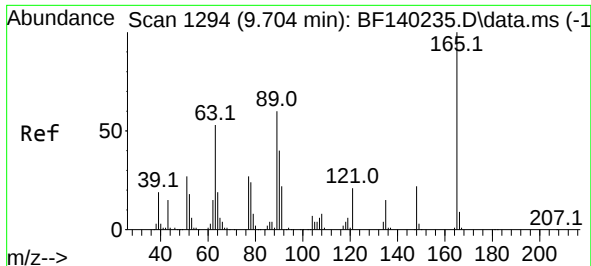
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.8 8.6 13.0

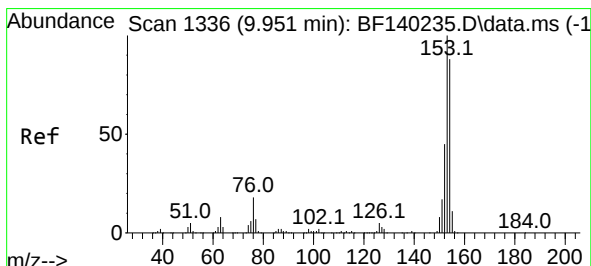
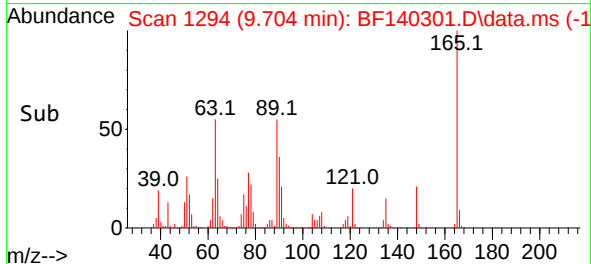
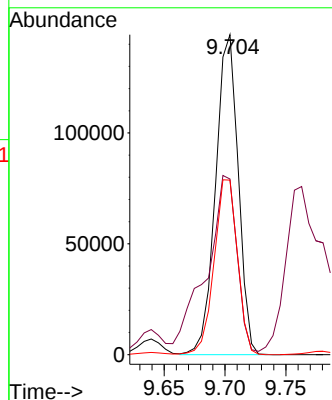
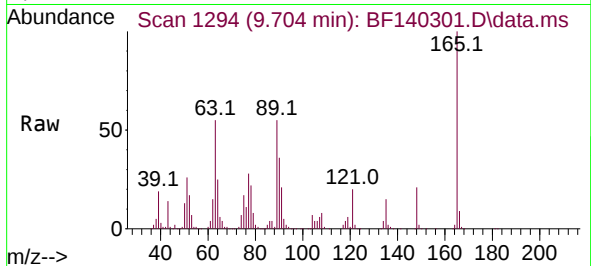




#51  
2,6-Dinitrotoluene  
Concen: 52.611 ng  
RT: 9.704 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

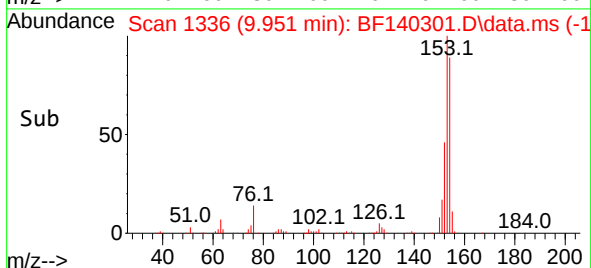
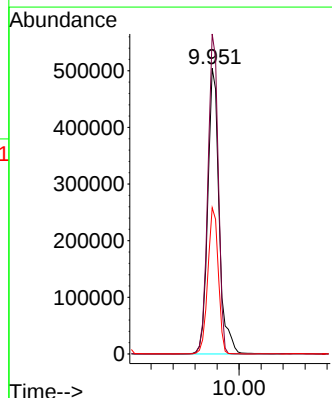
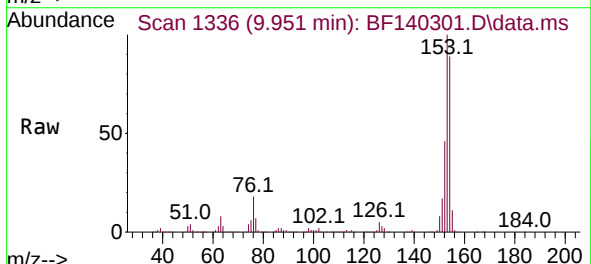
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

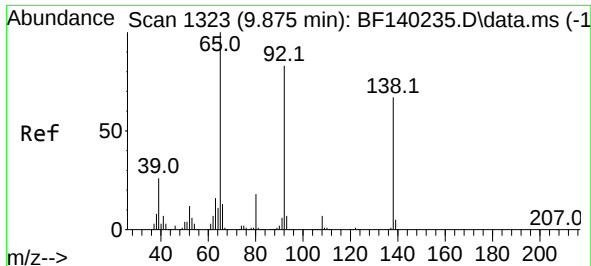
Tgt Ion:165 Resp: 186666  
Ion Ratio Lower Upper  
165 100  
63 54.9 48.8 73.2  
89 54.6 48.1 72.1



#52  
Acenaphthene  
Concen: 53.918 ng  
RT: 9.951 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:154 Resp: 721934  
Ion Ratio Lower Upper  
154 100  
153 112.1 91.3 136.9  
152 51.2 41.4 62.2

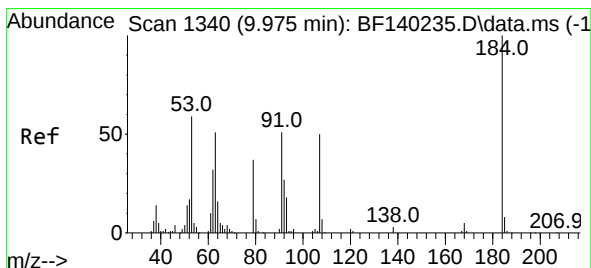
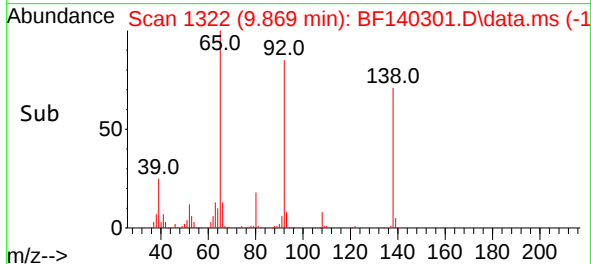
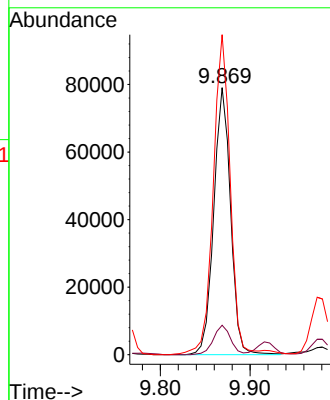
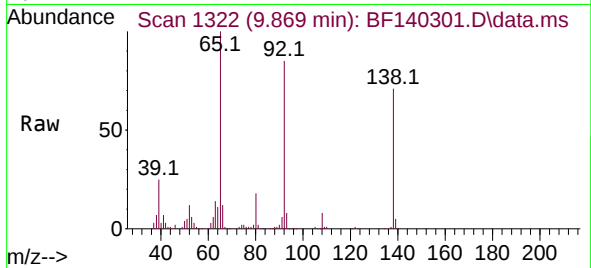




#53  
3-Nitroaniline  
Concen: 30.761 ng  
RT: 9.869 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

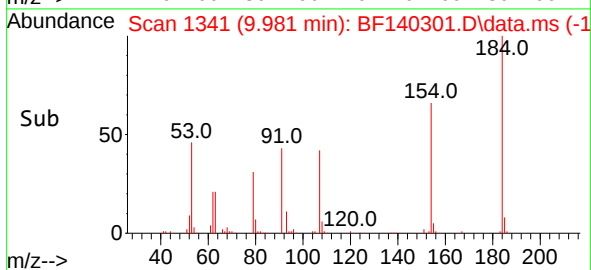
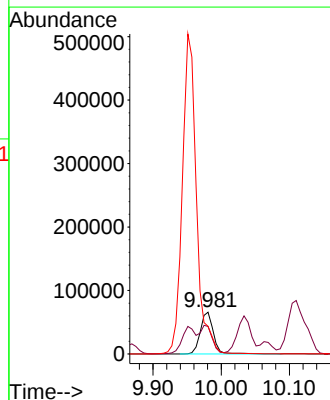
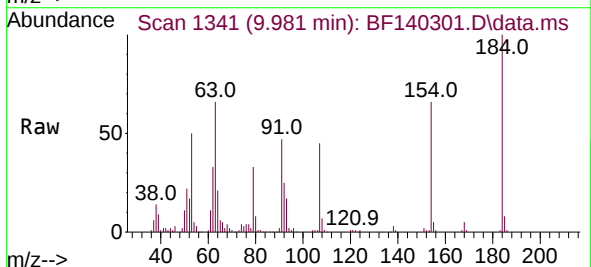
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

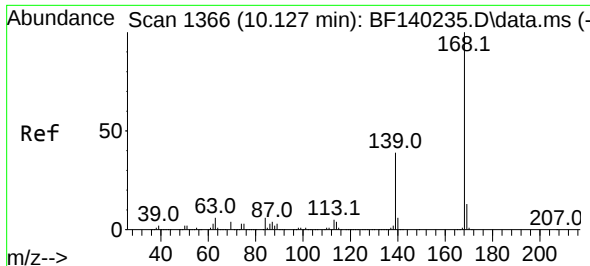
Tgt Ion:138 Resp: 102769  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.8 13.2  
92 119.8 100.0 150.0



#54  
2,4-Dinitrophenol  
Concen: 52.571 ng  
RT: 9.981 min Scan# 1341  
Delta R.T. 0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:184 Resp: 87575  
Ion Ratio Lower Upper  
184 100  
63 66.0 60.1 90.1  
154 66.1 66.3 99.5#

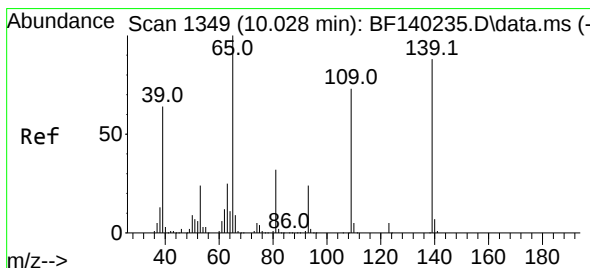
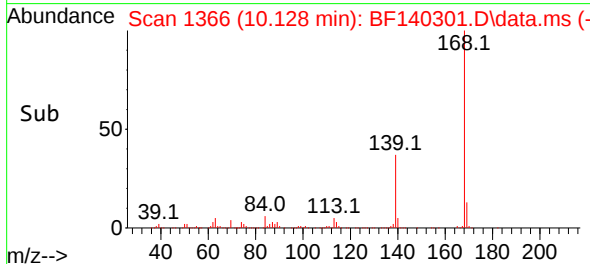
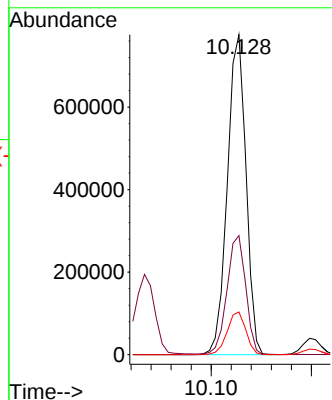
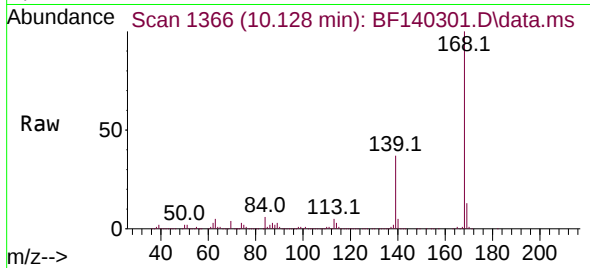




#55  
Dibenzenofuran  
Concen: 53.434 ng  
RT: 10.128 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

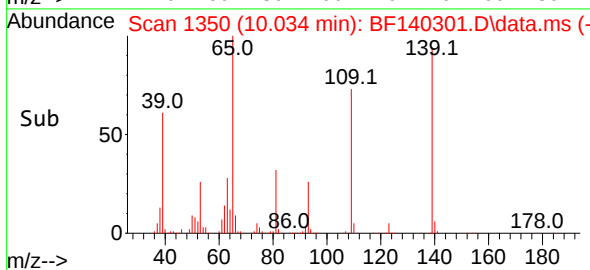
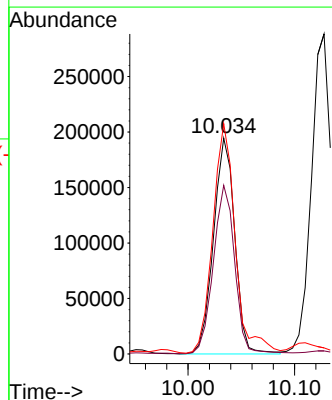
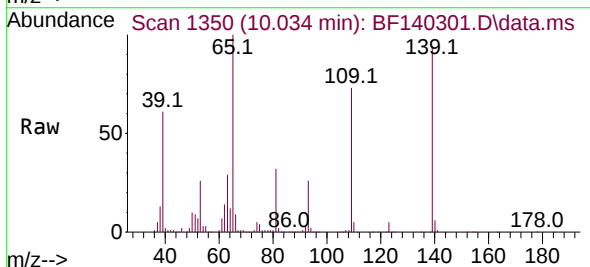
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

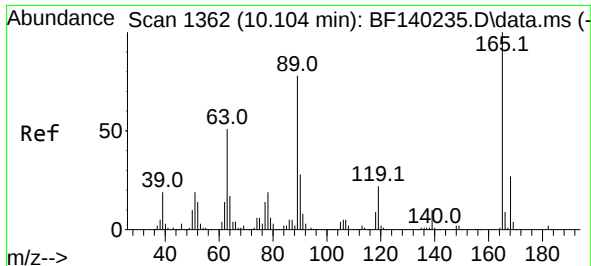
Tgt Ion:168 Resp: 1000456  
Ion Ratio Lower Upper  
168 100  
139 37.2 31.5 47.3  
169 13.4 10.6 15.8



#56  
4-Nitrophenol  
Concen: 114.880 ng  
RT: 10.034 min Scan# 1350  
Delta R.T. 0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:139 Resp: 269861  
Ion Ratio Lower Upper  
139 100  
109 78.2 63.8 103.8  
65 106.7 94.7 134.7

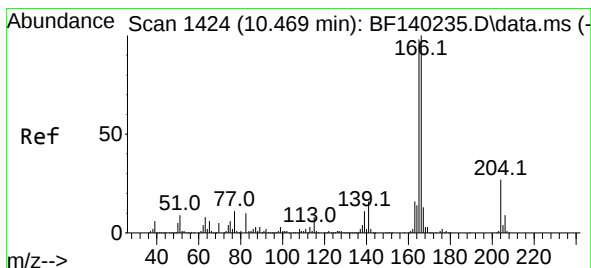
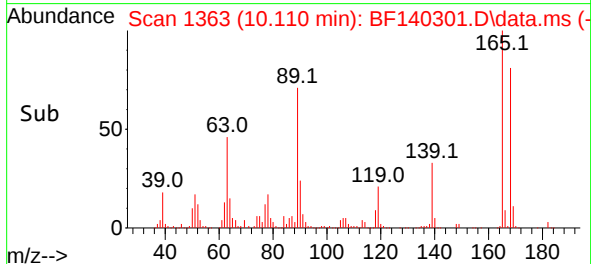
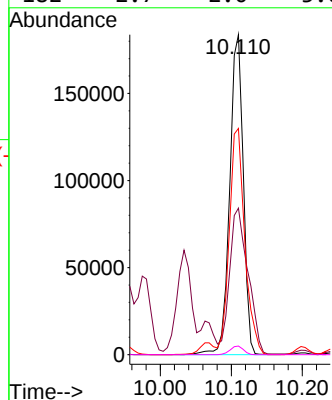
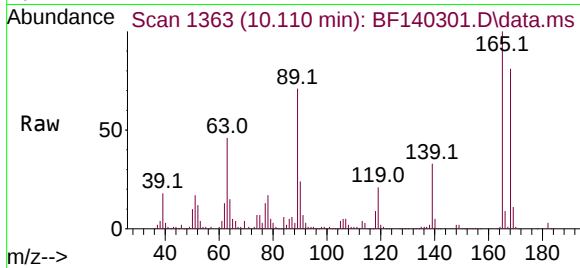




#57  
2,4-Dinitrotoluene  
Concen: 52.907 ng  
RT: 10.110 min Scan# 1363  
Delta R.T. 0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

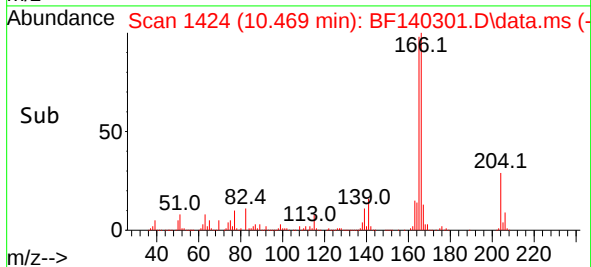
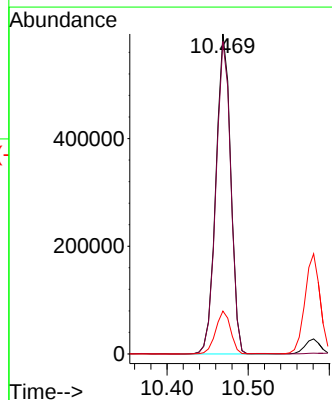
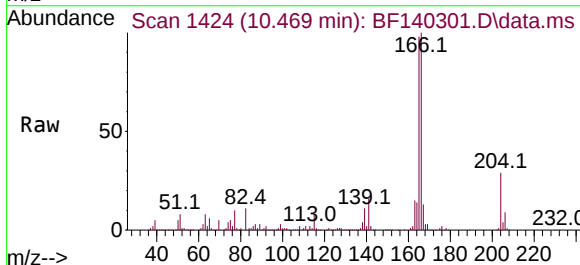
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

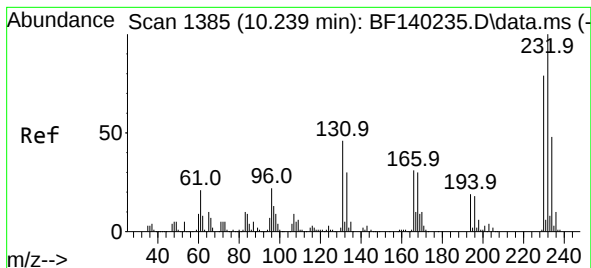
Tgt Ion:165 Resp: 243593  
Ion Ratio Lower Upper  
165 100  
63 45.8 41.3 61.9  
89 70.7 62.6 94.0  
182 2.7 2.0 3.0



#58  
Fluorene  
Concen: 50.660 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:166 Resp: 755037  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.7 118.1  
167 13.4 10.8 16.2

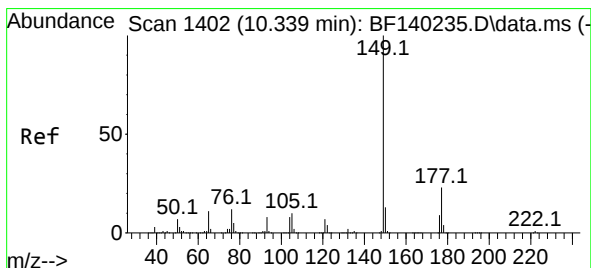
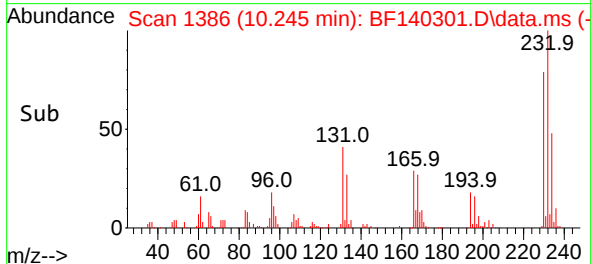
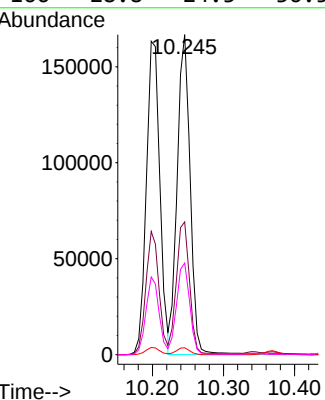
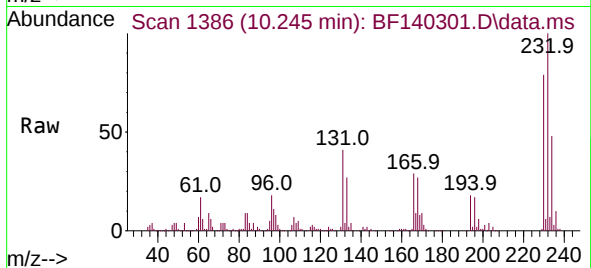




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 55.118 ng  
RT: 10.245 min Scan# 1386  
Delta R.T. 0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

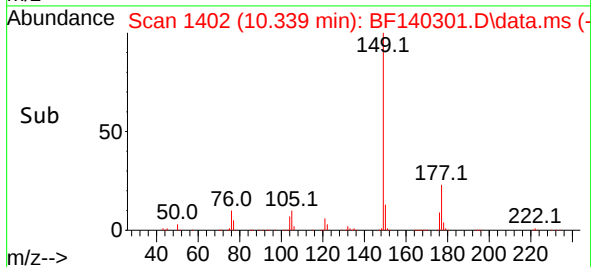
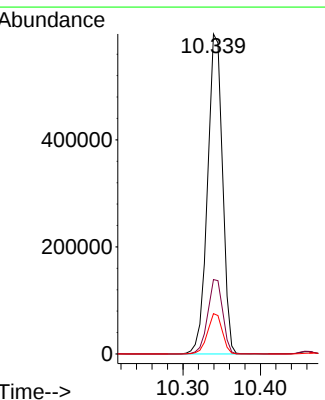
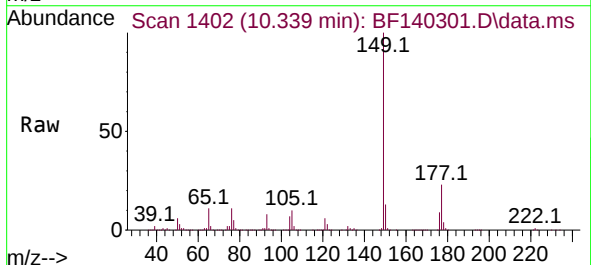
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

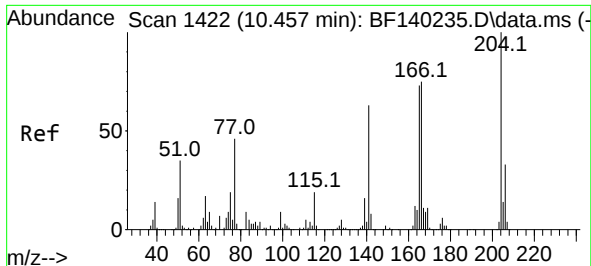
Tgt Ion:232 Resp: 211093  
Ion Ratio Lower Upper  
232 100  
131 41.9 37.2 55.8  
130 2.3 1.8 2.8  
166 28.8 24.3 36.5



#60  
Diethylphthalate  
Concen: 53.771 ng  
RT: 10.339 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:149 Resp: 806545  
Ion Ratio Lower Upper  
149 100  
177 23.3 18.1 27.1  
150 12.6 10.2 15.4

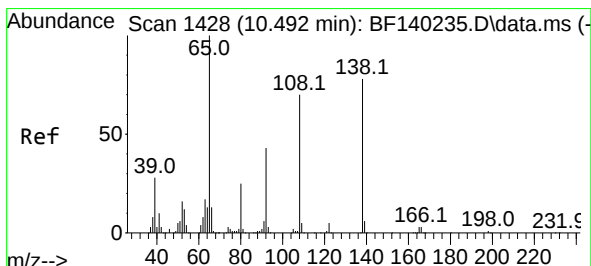
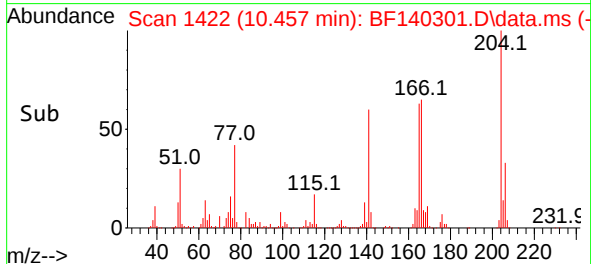
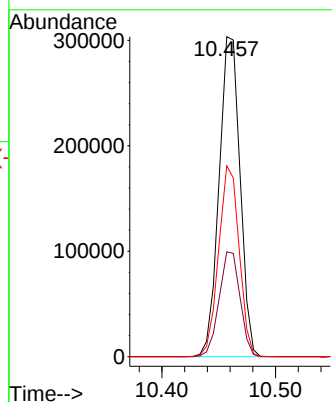
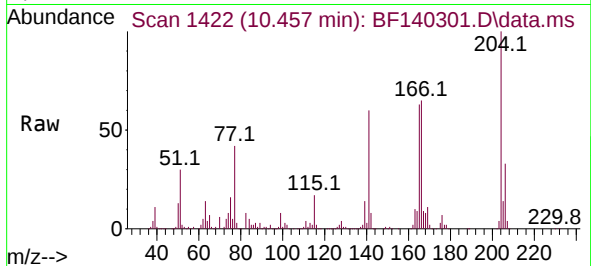




#61  
4-Chlorophenyl-phenylether  
Concen: 51.974 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

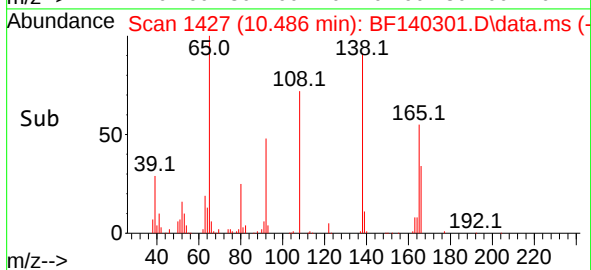
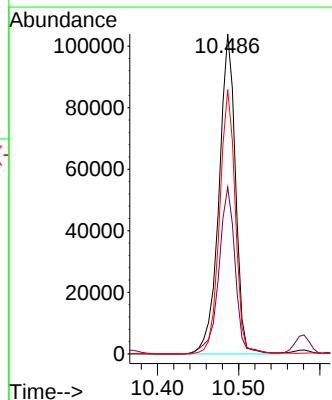
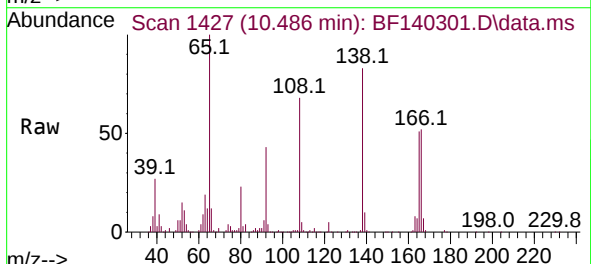
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

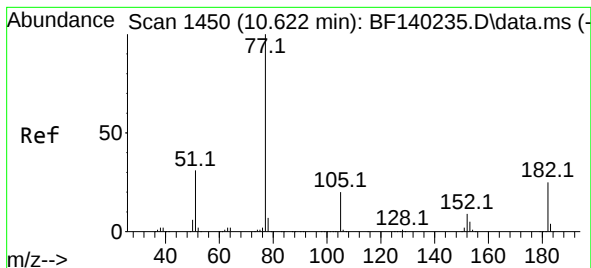
Tgt Ion:204 Resp: 390395  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.2 39.4  
141 59.6 50.3 75.5



#62  
4-Nitroaniline  
Concen: 44.373 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:138 Resp: 147319  
Ion Ratio Lower Upper  
138 100  
92 52.2 35.3 75.3  
108 82.6 70.1 110.1





#63

Azobenzene

Concen: 54.268 ng

RT: 10.622 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

Tgt Ion: 77 Resp: 843817

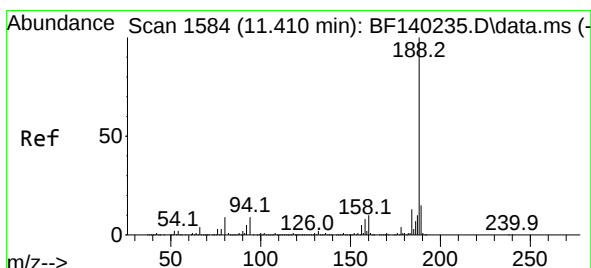
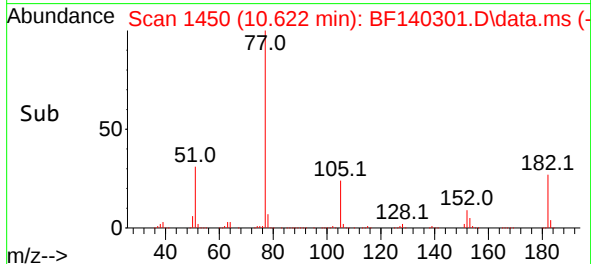
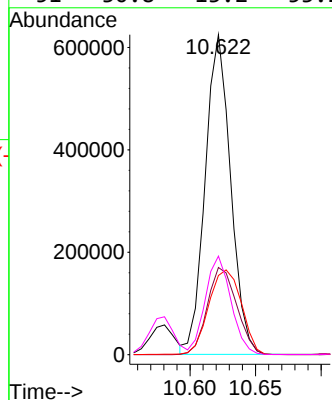
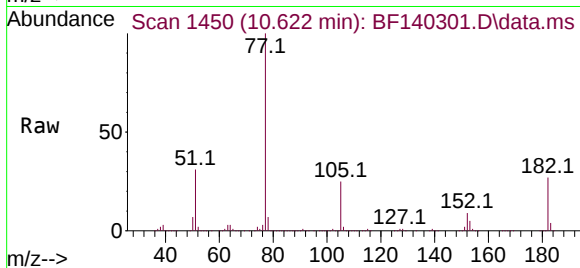
Ion Ratio Lower Upper

77 100

182 27.3 4.7 44.7

105 24.7 0.0 40.0

51 30.8 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: BF140301.D

Acq: 08 Nov 2024 16:17

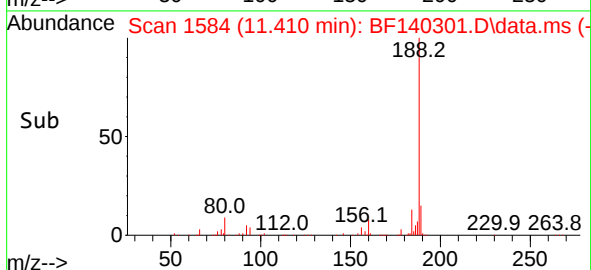
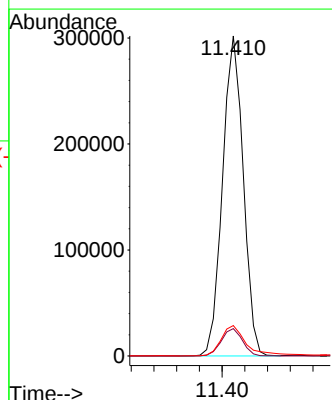
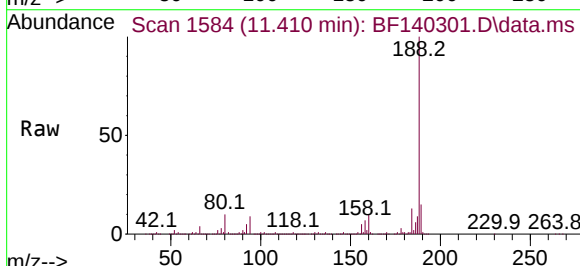
Tgt Ion: 188 Resp: 382682

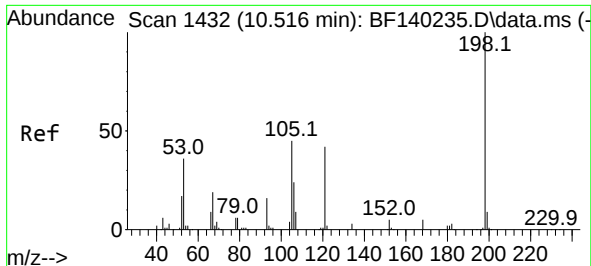
Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

80 9.5 7.5 11.3

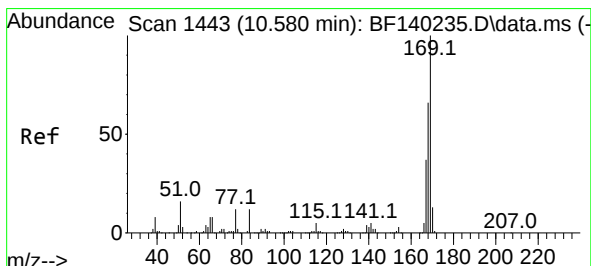
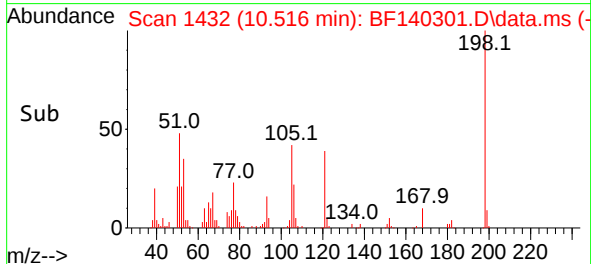
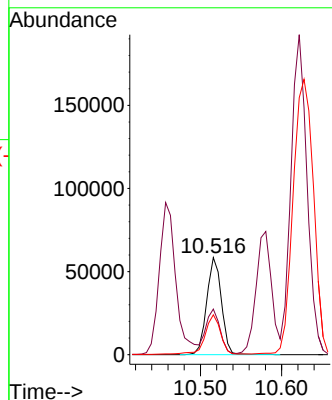
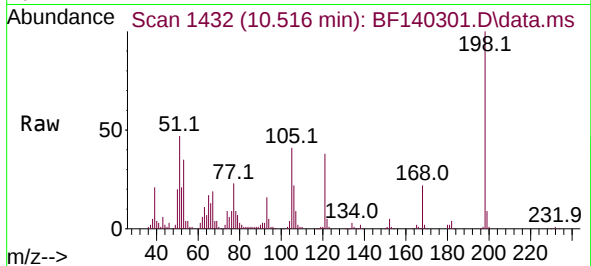




#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.457 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

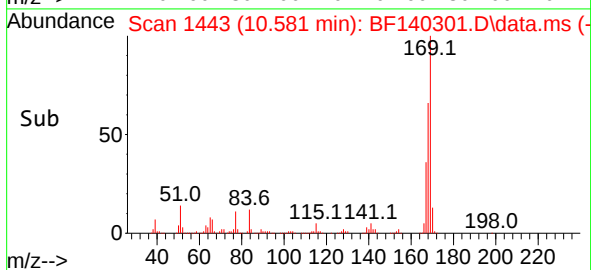
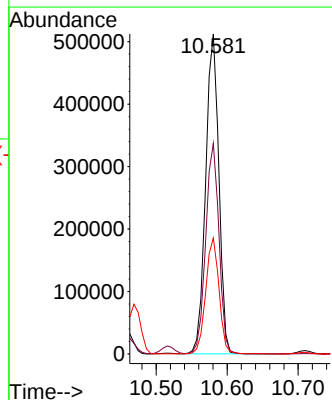
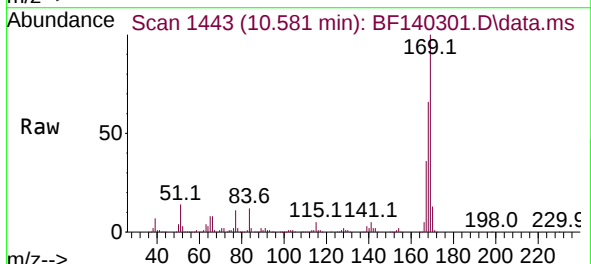
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

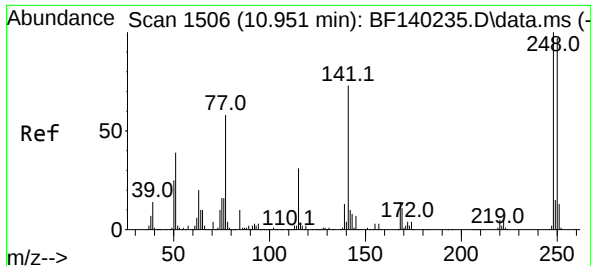
Tgt Ion:198 Resp: 73274  
Ion Ratio Lower Upper  
198 100  
51 47.0 34.0 74.0  
105 41.1 25.1 65.1



#66  
n-Nitrosodiphenylamine  
Concen: 60.071 ng  
RT: 10.581 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:169 Resp: 661174  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.0 79.6  
167 36.3 29.4 44.2

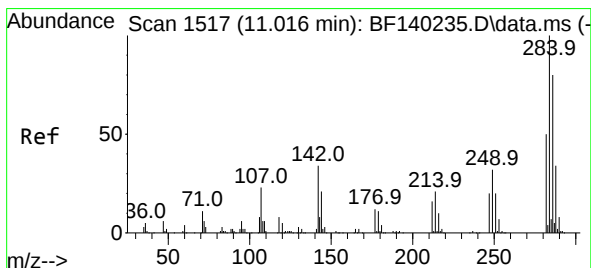
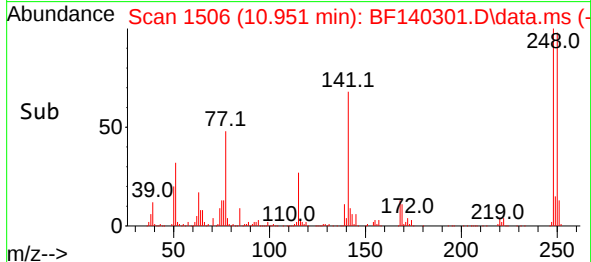
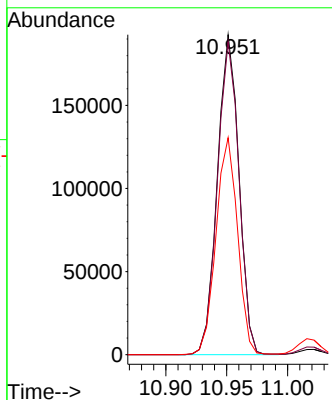
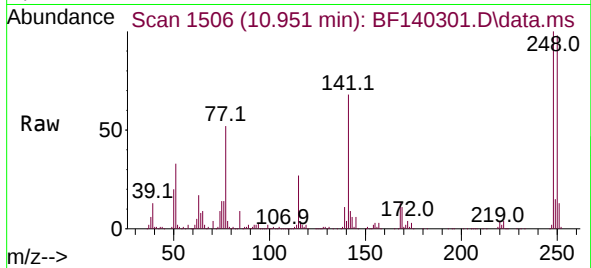




#67  
4-Bromophenyl-phenylether  
Concen: 57.669 ng  
RT: 10.951 min Scan# 1506  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

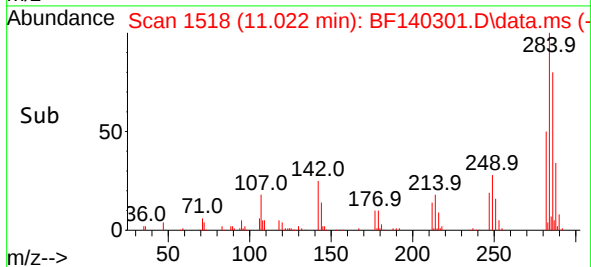
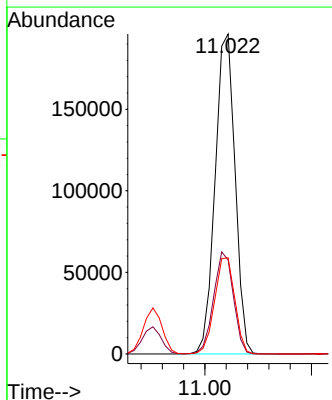
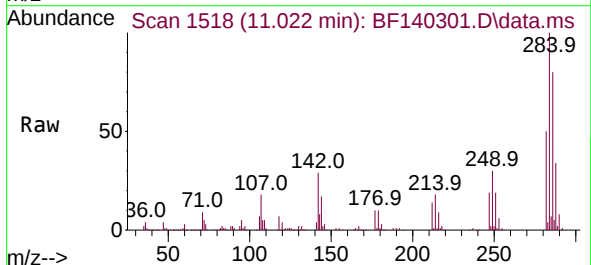
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

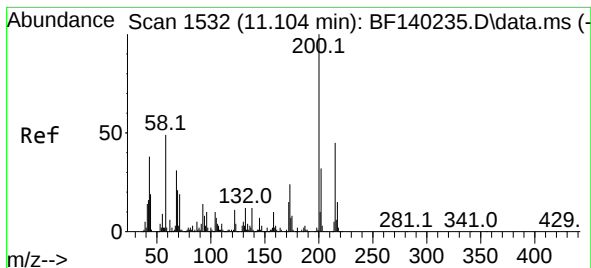
Tgt Ion:248 Resp: 237645  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.9 116.9  
141 67.8 58.6 88.0



#68  
Hexachlorobenzene  
Concen: 54.165 ng  
RT: 11.022 min Scan# 1518  
Delta R.T. 0.006 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:284 Resp: 254423  
Ion Ratio Lower Upper  
284 100  
142 29.3 27.5 41.3  
249 30.1 26.2 39.2





#69

Atrazine

Concen: 73.017 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

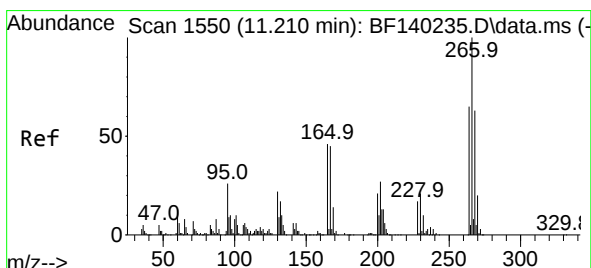
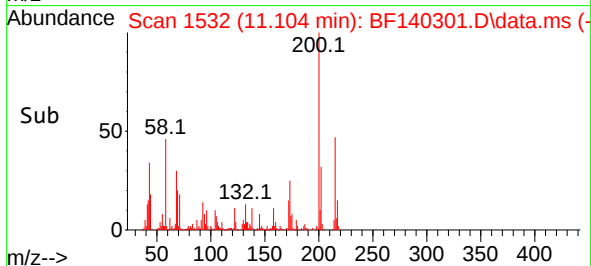
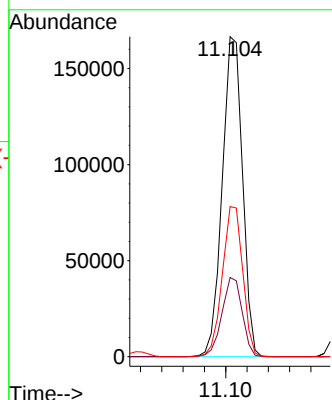
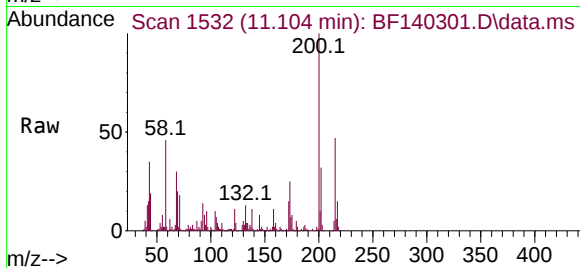
Tgt Ion:200 Resp: 219876

Ion Ratio Lower Upper

200 100

173 24.8 4.4 44.4

215 46.9 25.2 65.2



#70

Pentachlorophenol

Concen: 111.156 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

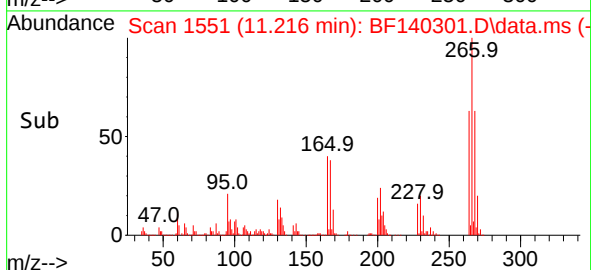
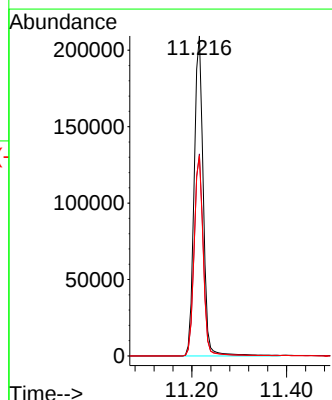
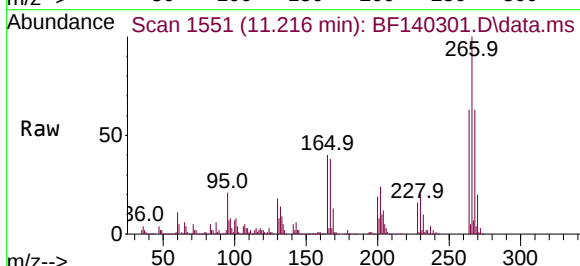
Tgt Ion:266 Resp: 280367

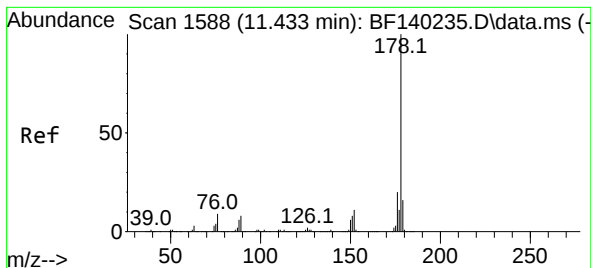
Ion Ratio Lower Upper

266 100

268 63.1 50.2 75.4

264 62.6 52.2 78.4





#71

Phenanthrene

Concen: 54.421 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

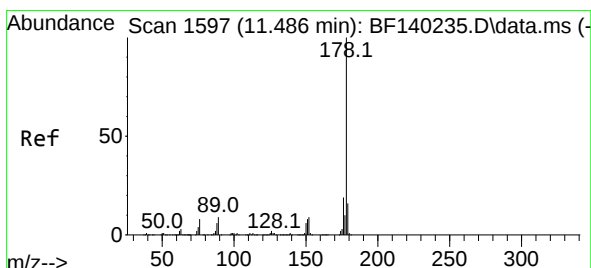
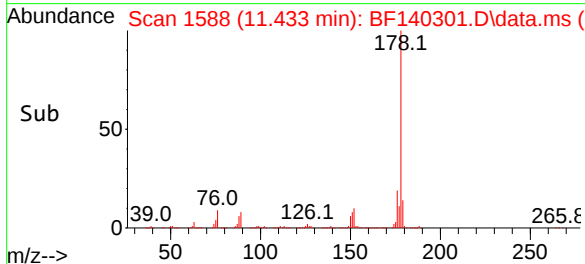
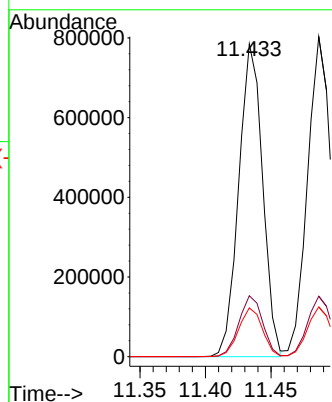
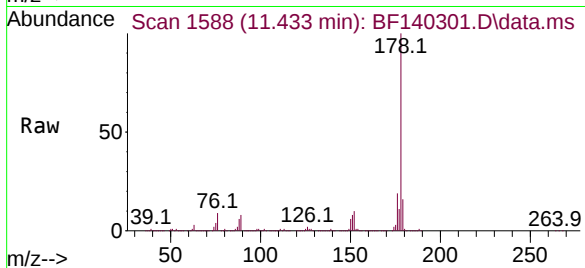
Tgt Ion:178 Resp: 993889

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 15.6 12.6 18.8



#72

Anthracene

Concen: 56.507 ng

RT: 11.486 min Scan# 1597

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

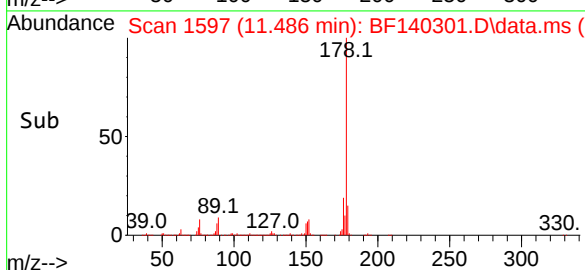
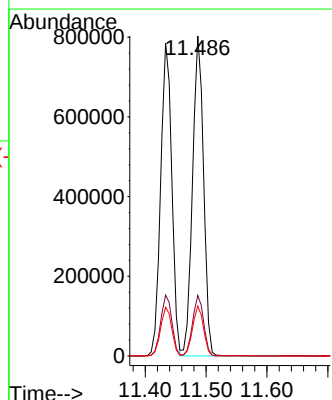
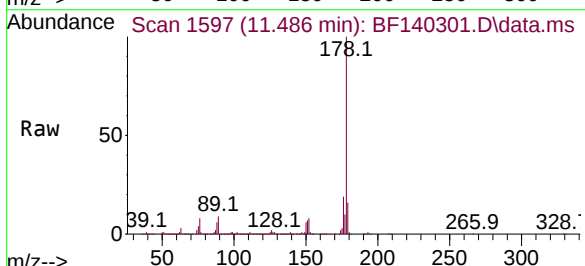
Tgt Ion:178 Resp: 1011935

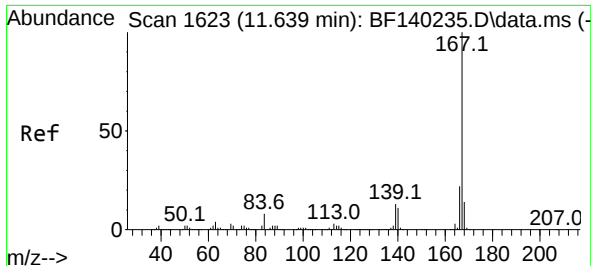
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.5 12.7 19.1

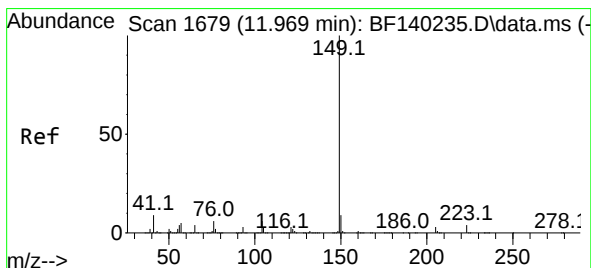
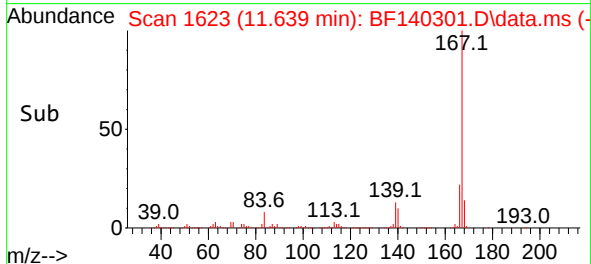
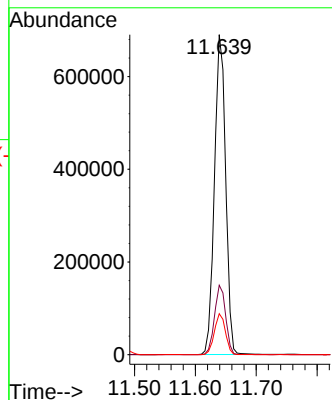
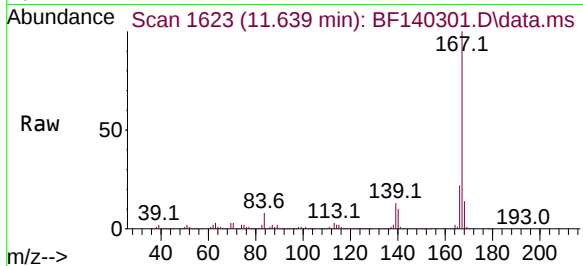




#73  
Carbazole  
Concen: 53.866 ng  
RT: 11.639 min Scan# 1623  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

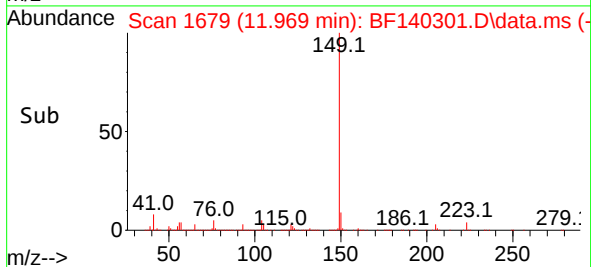
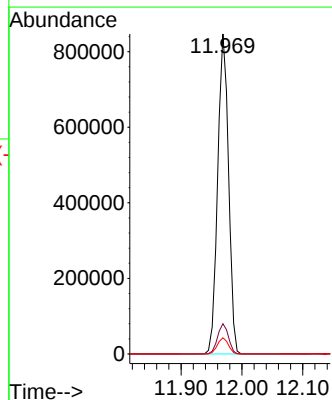
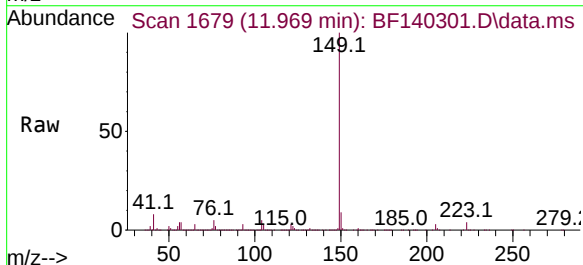
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

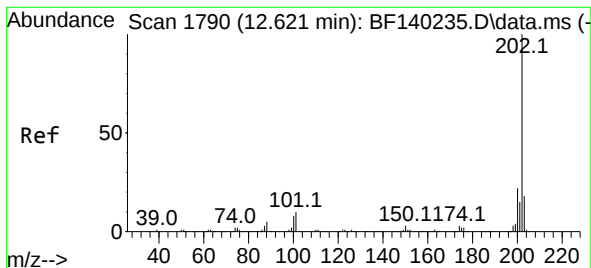
Tgt Ion:167 Resp: 881409  
Ion Ratio Lower Upper  
167 100  
166 21.7 17.3 25.9  
139 12.8 10.7 16.1



#74  
Di-n-butylphthalate  
Concen: 54.007 ng  
RT: 11.969 min Scan# 1679  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:149 Resp: 1046068  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.4 11.2  
104 5.1 4.5 6.7





#75

Fluoranthene

Concen: 53.499 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

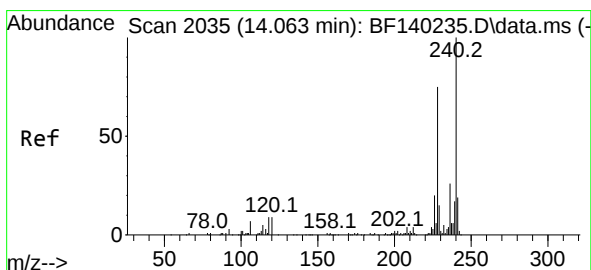
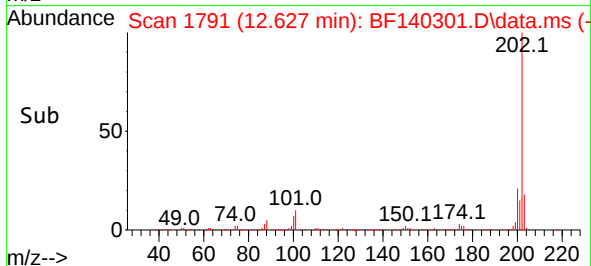
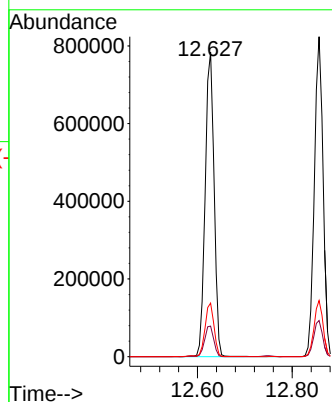
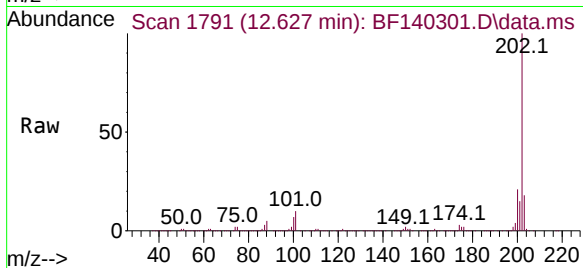
Tgt Ion:202 Resp: 1021638

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.4

203 17.6 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

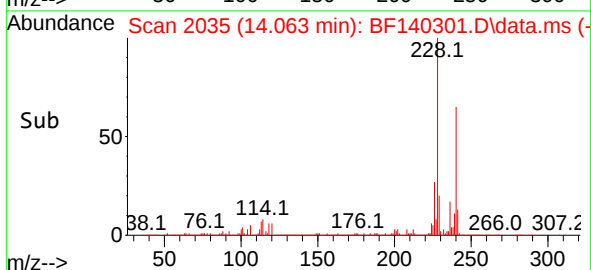
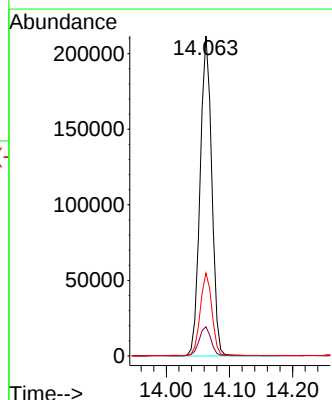
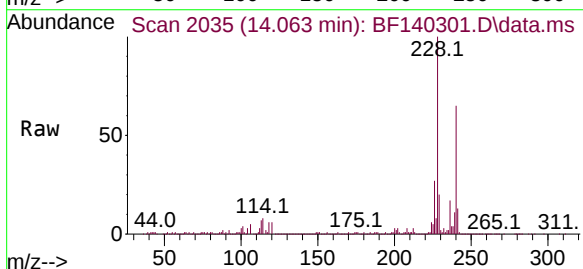
Tgt Ion:240 Resp: 271857

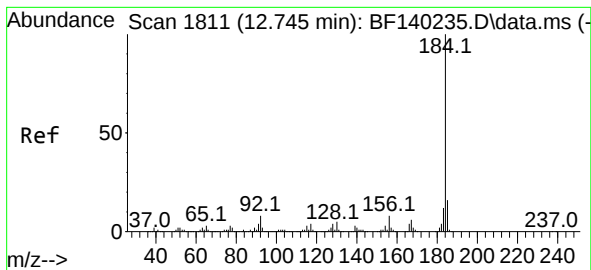
Ion Ratio Lower Upper

240 100

120 9.2 7.5 11.3

236 25.9 20.9 31.3





#77

Benzidine

Concen: 81.308 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

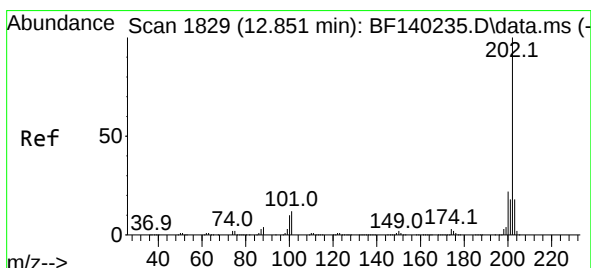
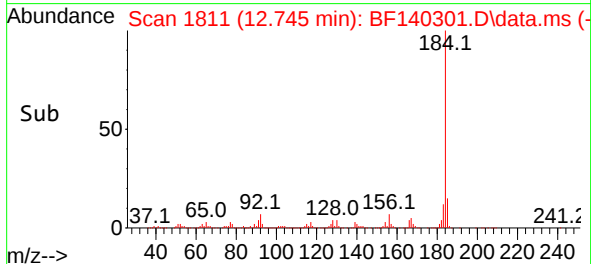
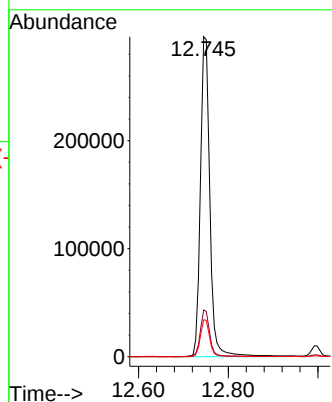
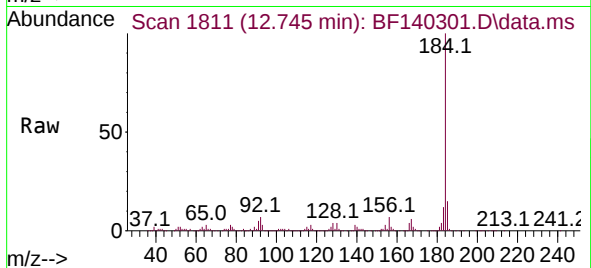
Tgt Ion:184 Resp: 432175

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

183 11.6 9.3 13.9



#78

Pyrene

Concen: 46.936 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

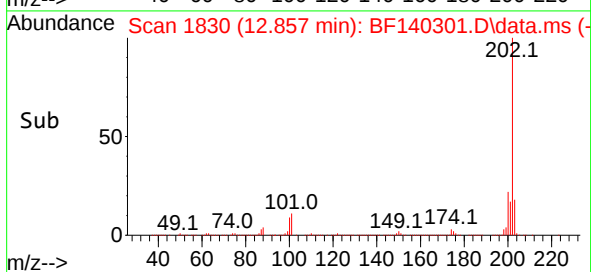
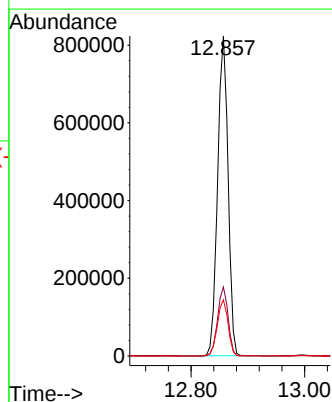
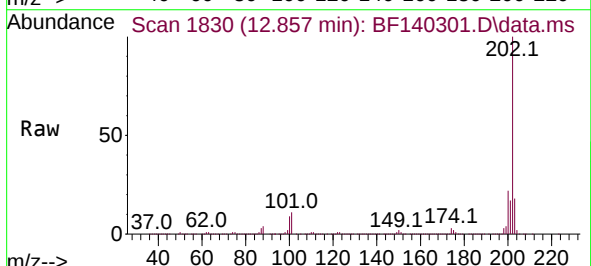
Tgt Ion:202 Resp: 1053558

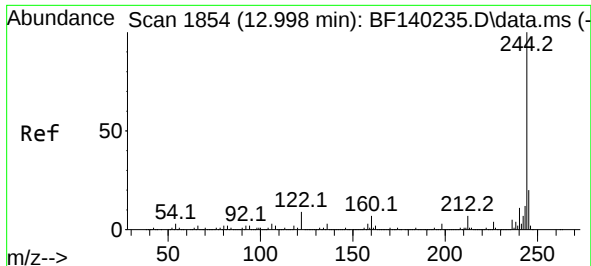
Ion Ratio Lower Upper

202 100

200 21.6 17.5 26.3

203 17.6 14.4 21.6

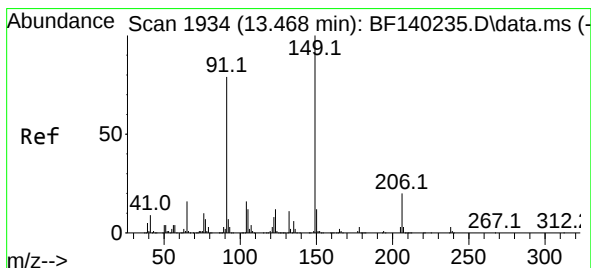
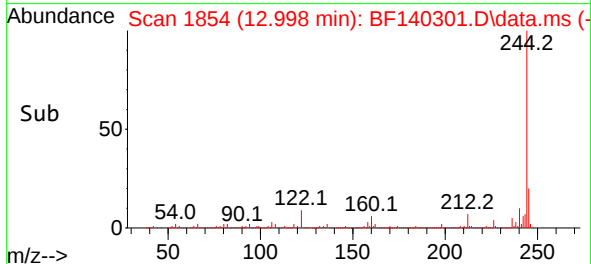
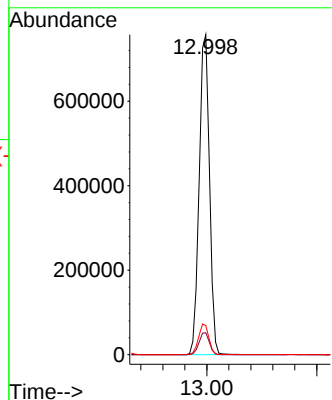
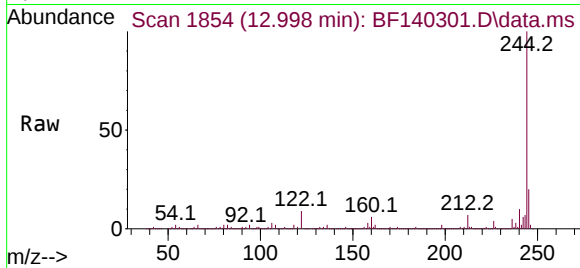




#79  
 Terphenyl-d14  
 Concen: 59.485 ng  
 RT: 12.998 min Scan# 1854  
 Delta R.T. 0.000 min  
 Lab File: BF140301.D  
 Acq: 08 Nov 2024 16:17

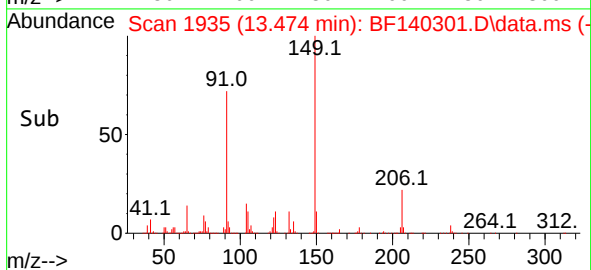
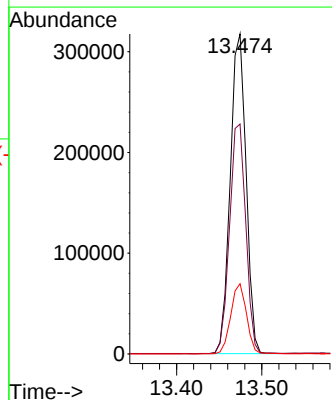
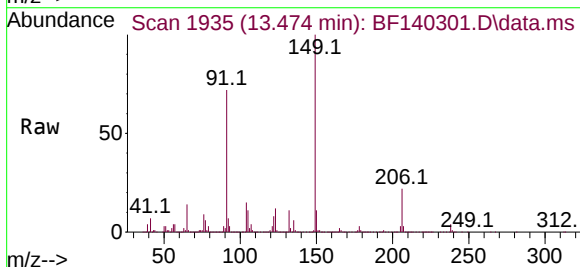
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP2MSD

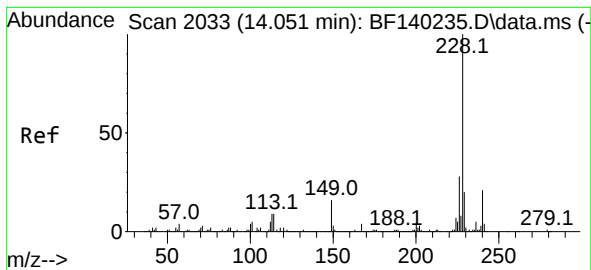
Tgt Ion:244 Resp: 987187  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.0 9.0  
 122 9.1 7.6 11.4



#80  
 Butylbenzylphthalate  
 Concen: 50.687 ng  
 RT: 13.474 min Scan# 1935  
 Delta R.T. 0.006 min  
 Lab File: BF140301.D  
 Acq: 08 Nov 2024 16:17

Tgt Ion:149 Resp: 409683  
 Ion Ratio Lower Upper  
 149 100  
 91 71.8 63.0 94.4  
 206 21.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 54.651 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

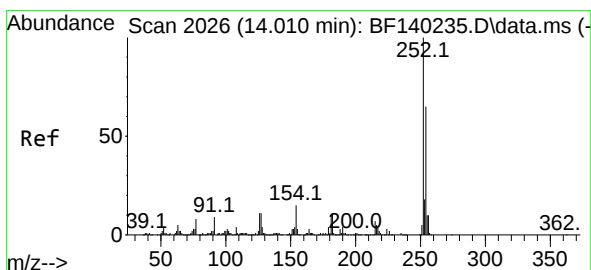
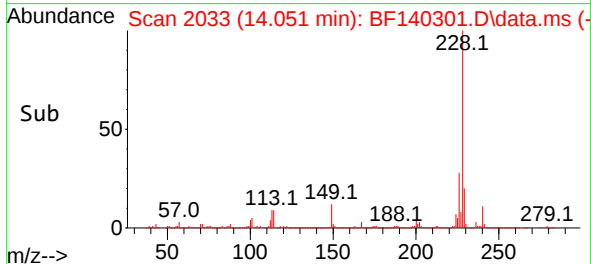
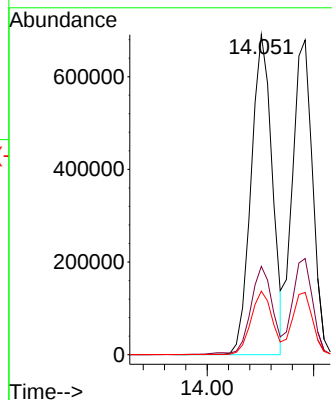
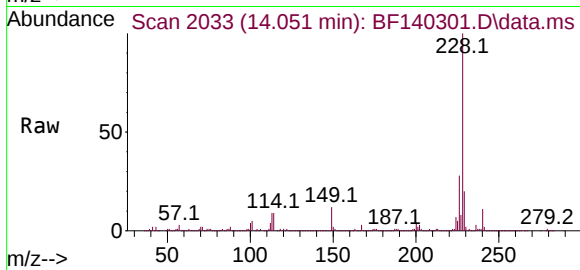
Tgt Ion:228 Resp: 953468

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 53.053 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

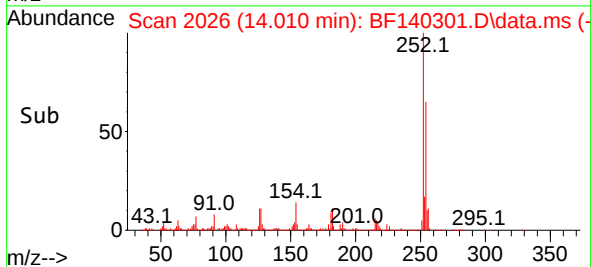
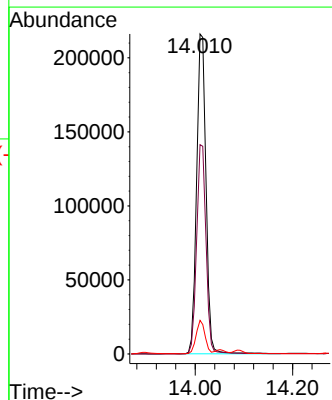
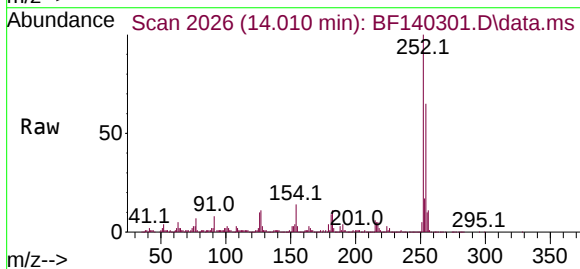
Tgt Ion:252 Resp: 290667

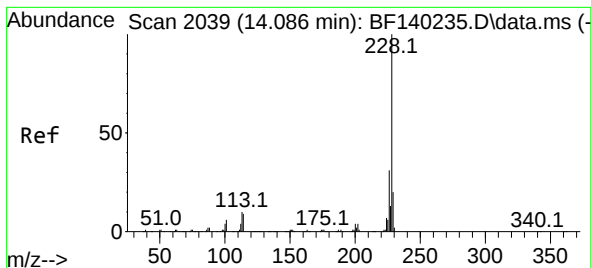
Ion Ratio Lower Upper

252 100

254 65.4 51.8 77.8

126 10.5 8.6 12.8





#83

Chrysene

Concen: 54.742 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

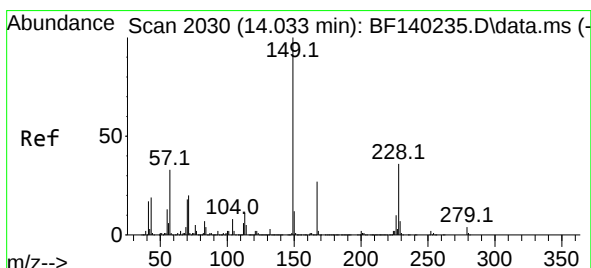
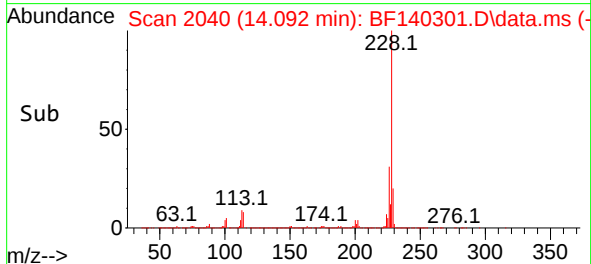
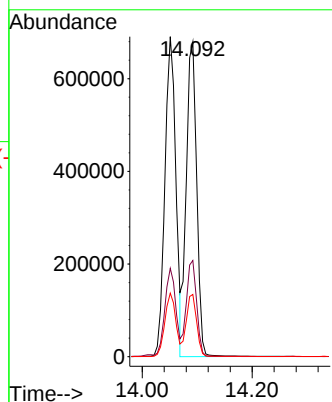
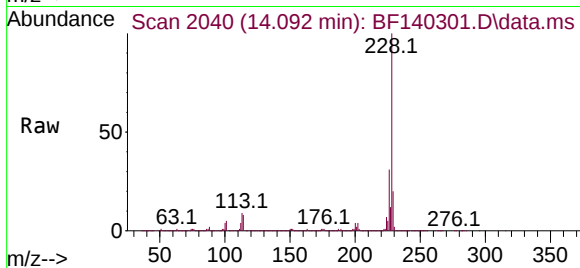
Tgt Ion:228 Resp: 894365

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.036 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

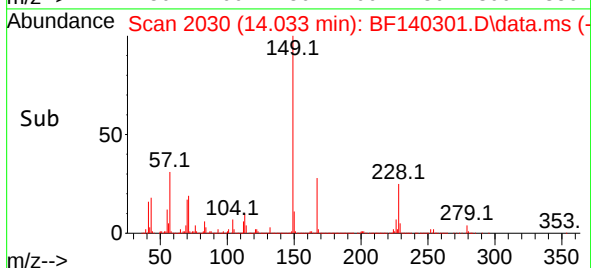
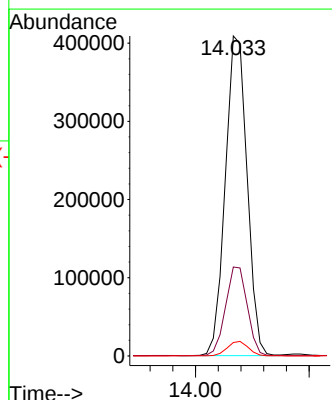
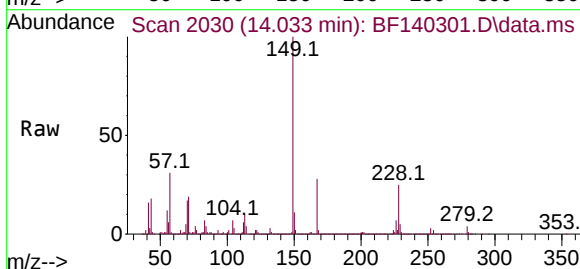
Tgt Ion:149 Resp: 544158

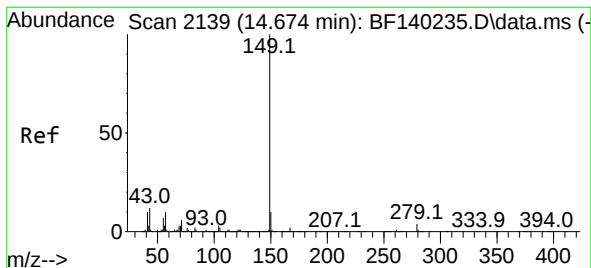
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.378 ng

RT: 14.668 min Scan# 2138

Delta R.T. -0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

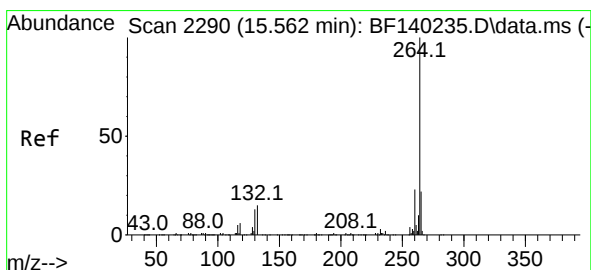
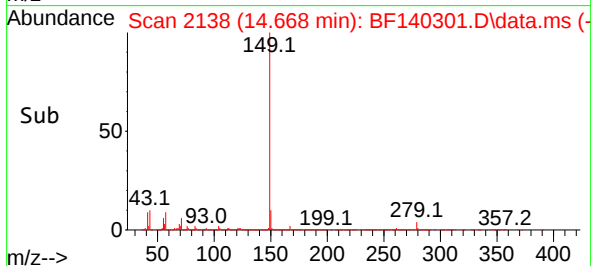
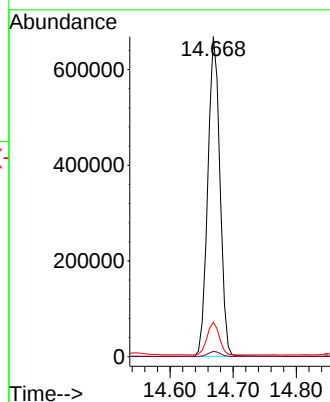
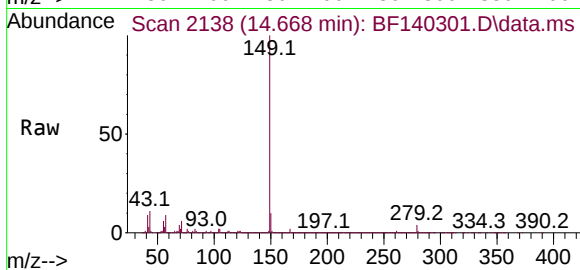
Tgt Ion:149 Resp: 893074

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.2 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

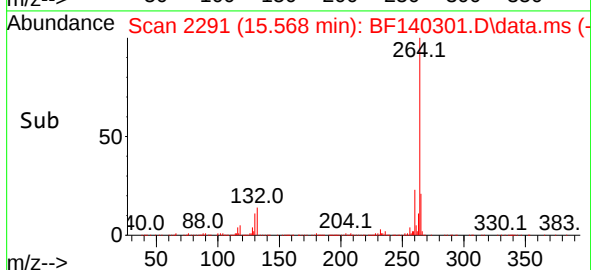
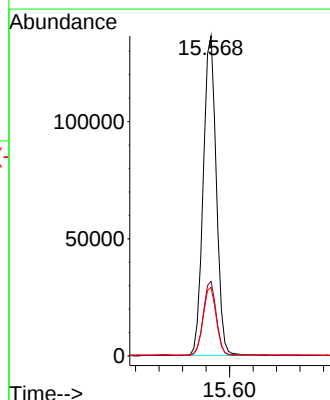
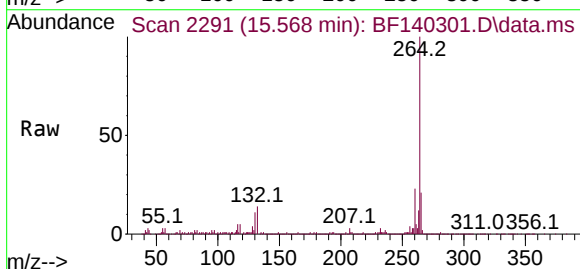
Tgt Ion:264 Resp: 209874

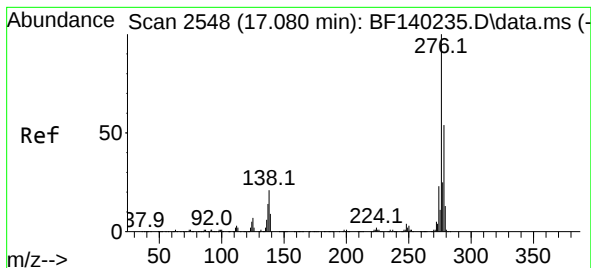
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.343 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

TP2MSD

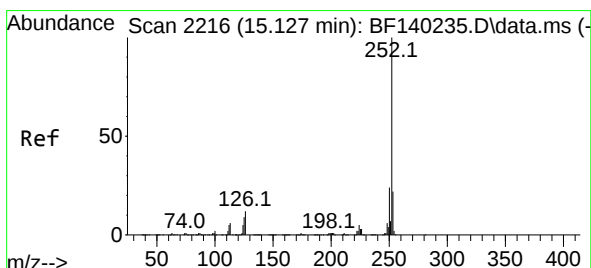
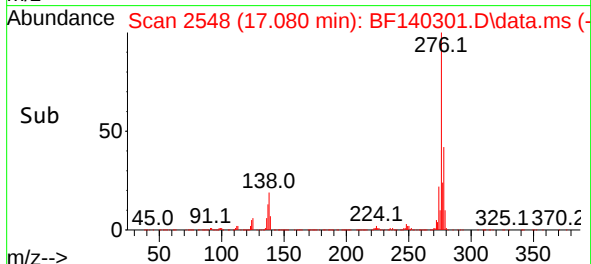
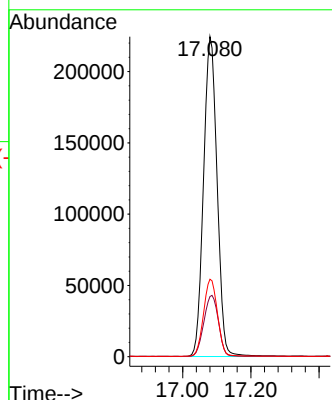
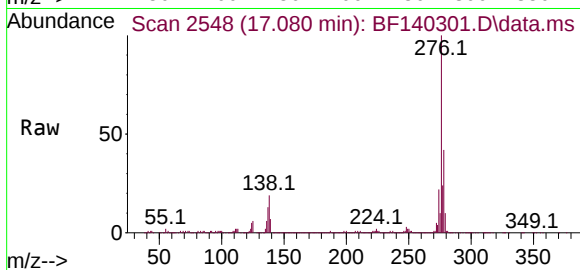
Tgt Ion:276 Resp: 620206

Ion Ratio Lower Upper

276 100

138 20.6 17.6 26.4

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 61.816 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

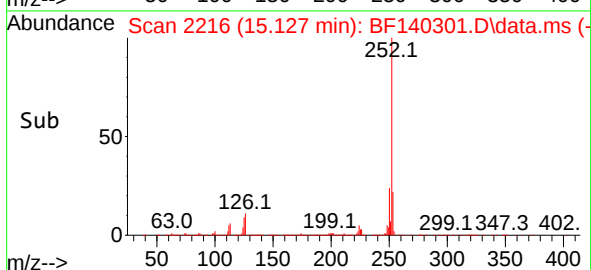
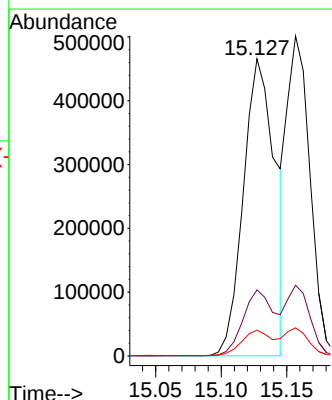
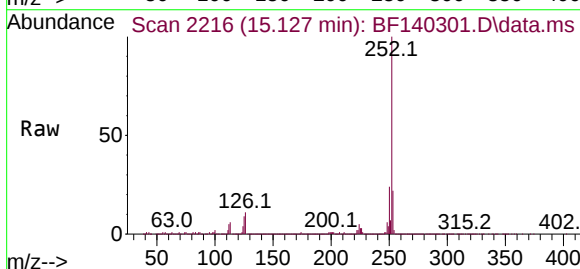
Tgt Ion:252 Resp: 784745

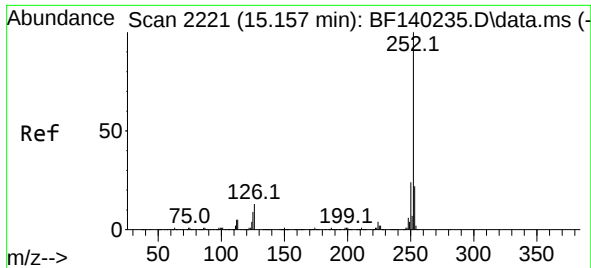
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 8.7 7.0 10.6

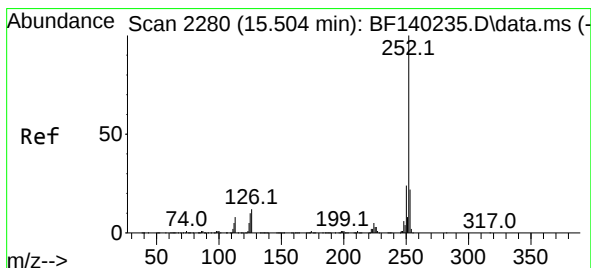
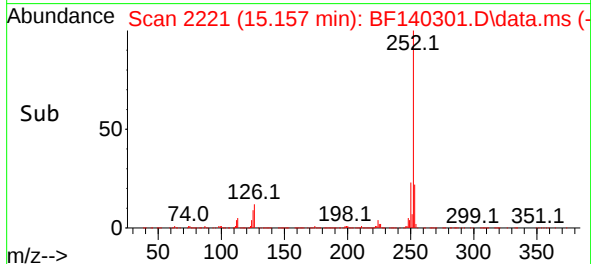
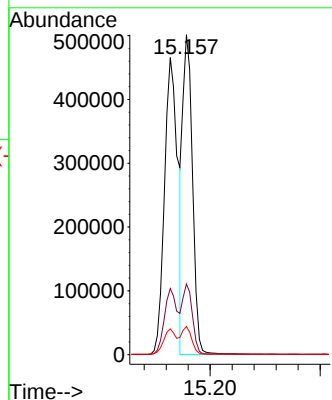
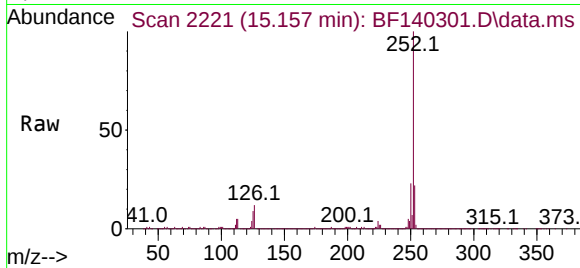




#89  
Benzo(k)fluoranthene  
Concen: 53.400 ng  
RT: 15.157 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

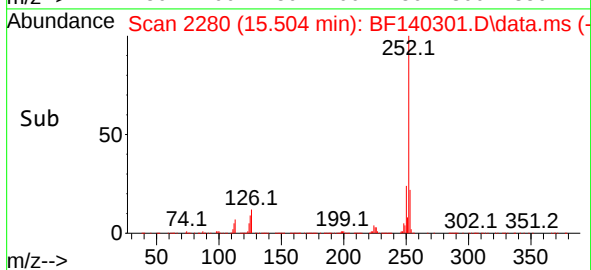
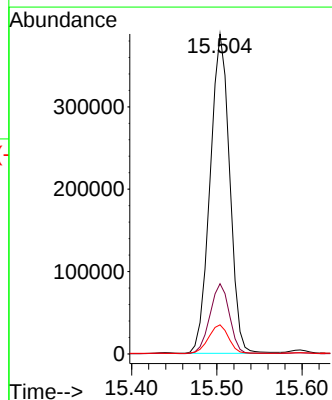
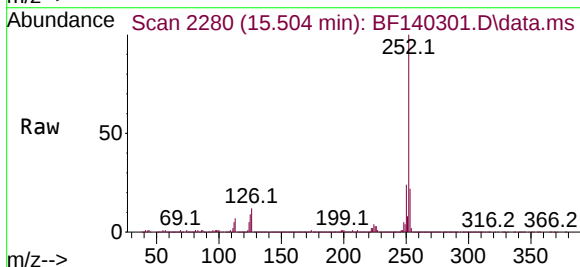
Instrument :  
BNA\_F  
ClientSampleId :  
TP2MSD

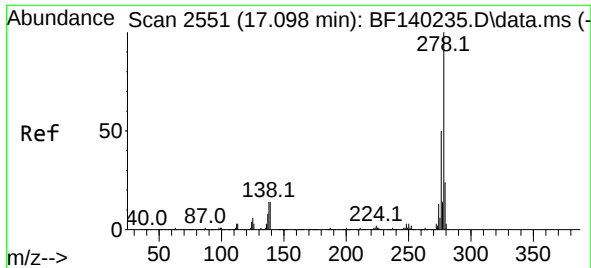
Tgt Ion:252 Resp: 622046  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.8  
125 8.8 7.2 10.8



#90  
Benzo(a)pyrene  
Concen: 59.195 ng  
RT: 15.504 min Scan# 2280  
Delta R.T. 0.000 min  
Lab File: BF140301.D  
Acq: 08 Nov 2024 16:17

Tgt Ion:252 Resp: 619573  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.0  
125 9.1 7.6 11.4

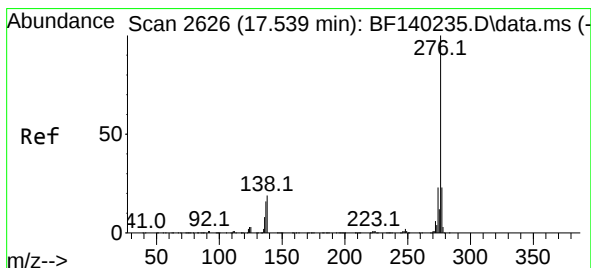
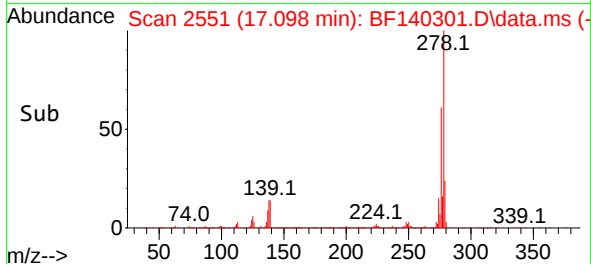
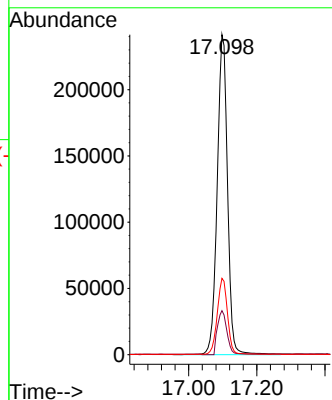
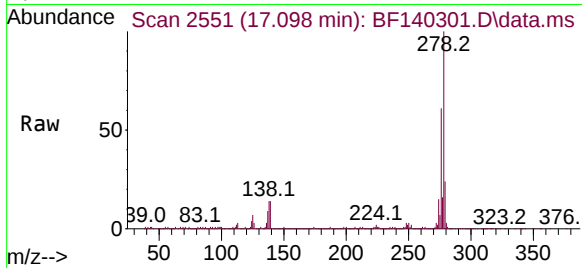




#91  
 Dibenzo(a,h)anthracene  
 Concen: 50.062 ng  
 RT: 17.098 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF140301.D  
 Acq: 08 Nov 2024 16:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP2MSD

Tgt Ion:278 Resp: 507411  
 Ion Ratio Lower Upper  
 278 100  
 139 13.7 11.1 16.7  
 279 23.8 19.1 28.7



#92  
 Benzo(g,h,i)perylene  
 Concen: 44.762 ng  
 RT: 17.539 min Scan# 2626  
 Delta R.T. 0.000 min  
 Lab File: BF140301.D  
 Acq: 08 Nov 2024 16:17

Tgt Ion:276 Resp: 462817  
 Ion Ratio Lower Upper  
 276 100  
 277 23.1 18.8 28.2  
 138 18.1 15.3 22.9

