

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082824\  
 Data File : BF139208.D  
 Acq On : 28 Aug 2024 14:51  
 Operator : RC/JU  
 Sample : P3767-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-5-COMPOSITEMS

Quant Time: Aug 28 15:28:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 27 02:51:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 86887    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 316589   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.927  | 164  | 169707   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 244189   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 170859   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 150694   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 407035   | 78.719  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.522  | 99   | 548574   | 77.303  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 367095   | 64.238  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 118375   | 81.444  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 611817   | 56.001  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 500293   | 45.688  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.757  | 88   | 97669    | 39.941  | ng    | 99       |
| 3) Pyridine                   | 3.504  | 79   | 265353   | 43.664  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.457  | 42   | 157355   | 44.476  | ng    | 99       |
| 6) Aniline                    | 6.551  | 93   | 198162   | 29.789  | ng    | 92       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 256607   | 52.235  | ng    | 98       |
| 9) Benzaldehyde               | 6.439  | 77   | 107260   | 24.149  | ng    | 99       |
| 10) Phenol                    | 6.534  | 94   | 352114   | 49.165  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 255957   | 45.360  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 286863   | 44.281  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 289661   | 44.567  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 275240   | 45.009  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 271703   | 50.796  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 379086   | 46.342  | ng    | 96       |
| 17) 2-Methylphenol            | 7.145  | 107  | 213243   | 47.615  | ng    | 99       |
| 18) Hexachloroethane          | 7.404  | 117  | 102502   | 49.847  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 206578   | 48.671  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 274411   | 48.036  | ng    | 95       |
| 22) Acetophenone              | 7.298  | 105  | 372726   | 45.820  | ng    | 97       |
| 24) Nitrobenzene              | 7.475  | 77   | 313704   | 47.175  | ng    | 95       |
| 25) Isophorone                | 7.710  | 82   | 545286   | 48.252  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.792  | 139  | 130509   | 60.342  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 207129   | 61.839  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 311034   | 47.539  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 214948   | 51.991  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 232076   | 43.529  | ng    | 98       |
| 31) Naphthalene               | 8.198  | 128  | 739898   | 45.707  | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 104250   | 38.693  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 74538    | 13.361  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 156384   | 45.139  | ng    | 99       |
| 35) Caprolactam               | 8.610  | 113  | 61974m   | 48.865  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 231004   | 48.719  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 479436   | 47.243  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 439999   | 44.360  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 238300   | 47.341  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 226589   | 140.186 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 155132   | 55.117  | ng    | 99       |

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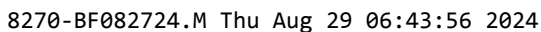
Instrument :  
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 ClientSampleId :  
 P-5-COMPOSITEMS

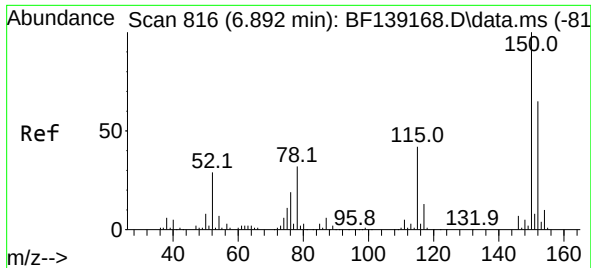
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 27 02:51:47 2024  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 9.204  | 196  | 153368   | 51.985 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.351  | 154  | 586222   | 47.723 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.375  | 162  | 448328   | 45.748 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.469  | 65   | 150675   | 51.721 | ng    | 97       |
| 49) Acenaphthylene             | 9.792  | 152  | 678245   | 49.118 | ng    | 100      |
| 50) Dimethylphthalate          | 9.651  | 163  | 527483   | 53.806 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.710  | 165  | 109390   | 51.686 | ng    | 91       |
| 52) Acenaphthene               | 9.963  | 154  | 445289   | 49.088 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.875  | 138  | 69551    | 33.937 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.980  | 184  | 59872    | 66.650 | ng    | # 68     |
| 55) Dibenzofuran               | 10.133 | 168  | 612347   | 46.254 | ng    | 99       |
| 56) 4-Nitrophenol              | 10.033 | 139  | 135249   | 75.829 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.110 | 165  | 138225   | 51.454 | ng    | 93       |
| 58) Fluorene                   | 10.475 | 166  | 463145   | 44.343 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.251 | 232  | 120080   | 50.784 | ng    | 99       |
| 60) Diethylphthalate           | 10.351 | 149  | 487998   | 52.862 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.469 | 204  | 232547   | 45.368 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.486 | 138  | 81352    | 38.276 | ng    | 93       |
| 63) Azobenzene                 | 10.627 | 77   | 510215   | 45.464 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph...  | 10.516 | 198  | 46344    | 49.326 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 10.586 | 169  | 388319   | 53.695 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.957 | 248  | 136633   | 52.661 | ng    | 100      |
| 68) Hexachlorobenzene          | 11.022 | 284  | 141599   | 50.429 | ng    | 99       |
| 69) Atrazine                   | 11.110 | 200  | 118589   | 75.180 | ng    | 100      |
| 70) Pentachlorophenol          | 11.216 | 266  | 150479   | 91.281 | ng    | 98       |
| 71) Phenanthrene               | 11.439 | 178  | 622058   | 50.411 | ng    | 100      |
| 72) Anthracene                 | 11.492 | 178  | 605577   | 50.345 | ng    | 99       |
| 73) Carbazole                  | 11.645 | 167  | 477553   | 44.381 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.974 | 149  | 609386   | 65.342 | ng    | 100      |
| 75) Fluoranthene               | 12.627 | 202  | 615696   | 51.415 | ng    | 98       |
| 77) Benzidine                  | 12.745 | 184  | 108428   | 37.607 | ng    | 99       |
| 78) Pyrene                     | 12.851 | 202  | 618457   | 38.535 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.474 | 149  | 226490   | 66.762 | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.039 | 228  | 557851   | 49.277 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.004 | 252  | 110944   | 42.092 | ng    | 99       |
| 83) Chrysene                   | 14.080 | 228  | 541015   | 52.978 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 14.033 | 149  | 302401   | 74.870 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.651 | 149  | 519268   | 64.786 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene     | 17.003 | 276  | 359349   | 34.875 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.092 | 252  | 517511   | 58.707 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.121 | 252  | 420499   | 52.762 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.462 | 252  | 417413   | 55.786 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.021 | 278  | 288516   | 34.163 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.451 | 276  | 262629   | 30.065 | ng    | 98       |

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

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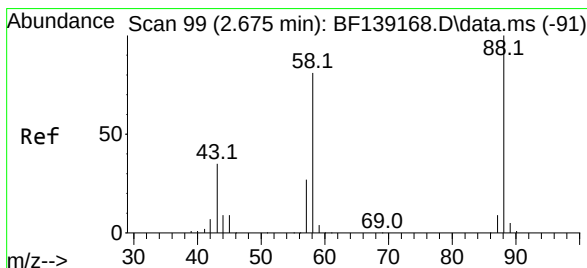
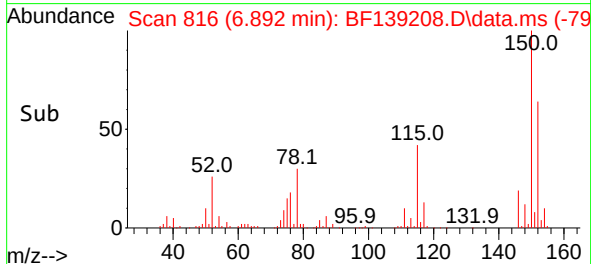
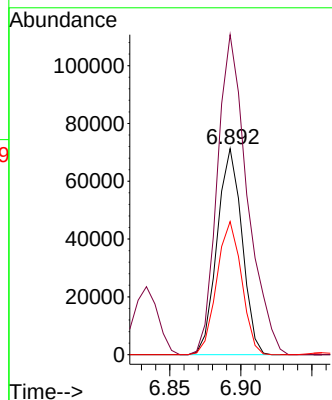
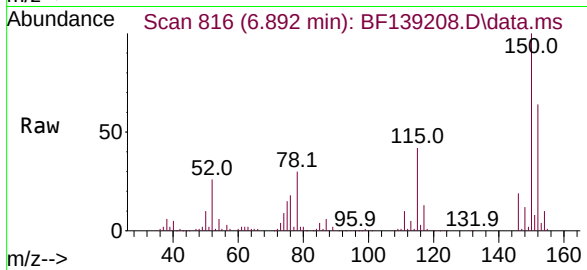




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.892 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF139208.D  
 Acq: 28 Aug 2024 14:51

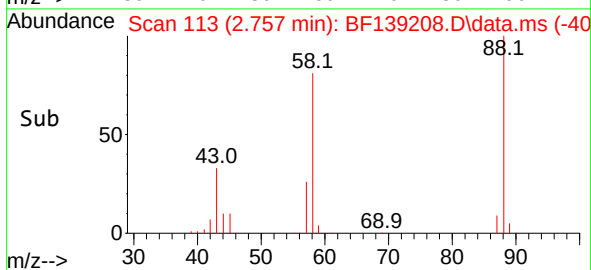
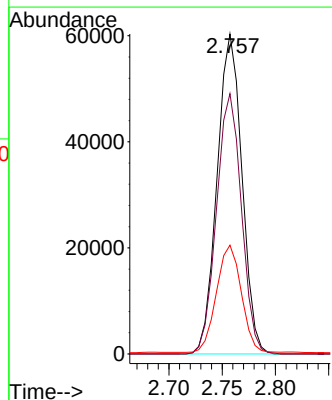
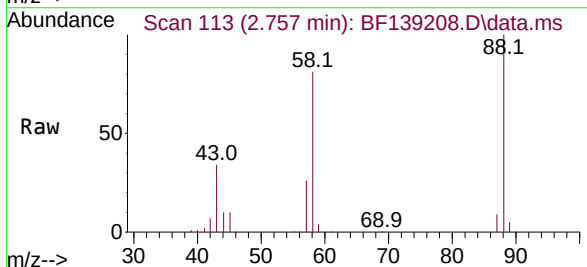
Instrument :  
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 P-5-COMPOSITEMS

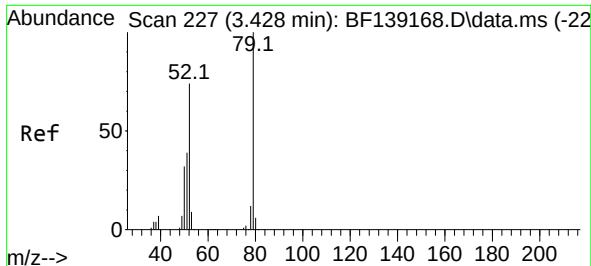
Tgt Ion:152 Resp: 86887  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 123.7 185.5  
 115 64.6 51.8 77.8



#2  
 1,4-Dioxane  
 Concen: 39.941 ng  
 RT: 2.757 min Scan# 113  
 Delta R.T. 0.082 min  
 Lab File: BF139208.D  
 Acq: 28 Aug 2024 14:51

Tgt Ion: 88 Resp: 97669  
 Ion Ratio Lower Upper  
 88 100  
 58 81.7 65.0 97.6  
 43 33.5 28.4 42.6





#3

Pyridine

Concen: 43.664 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.076 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

P-5-COMPOSITEMS

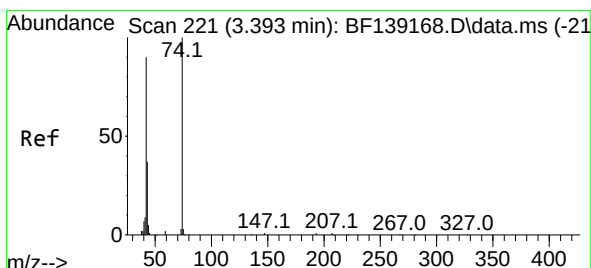
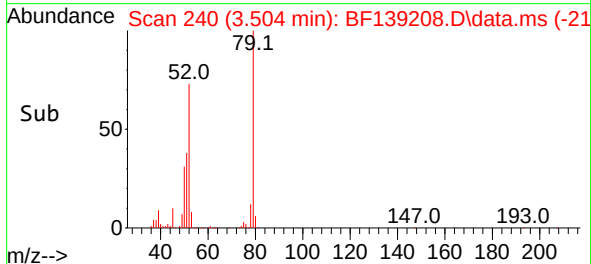
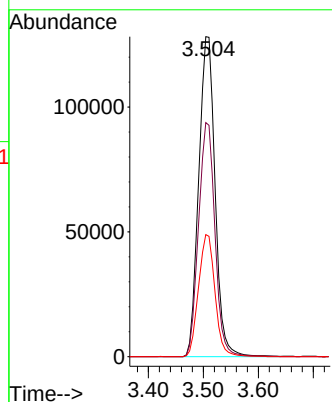
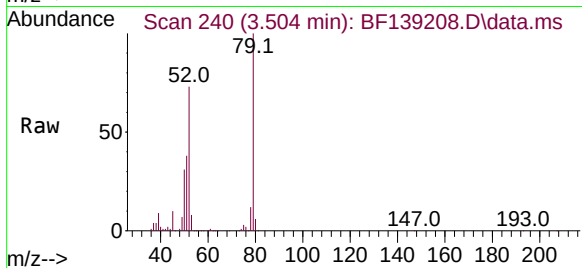
Tgt Ion: 79 Resp: 265353

Ion Ratio Lower Upper

79 100

52 73.1 59.5 89.3

51 38.2 31.4 47.0



#4

n-Nitrosodimethylamine

Concen: 44.476 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.065 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

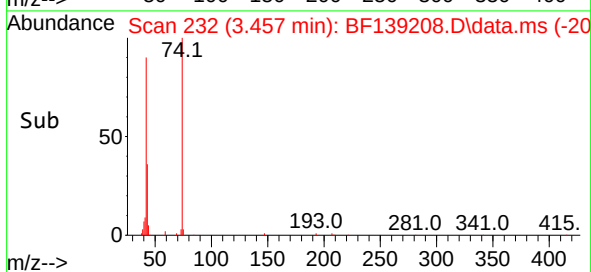
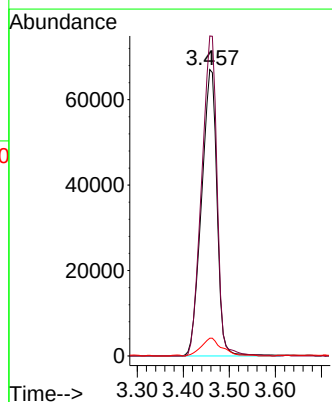
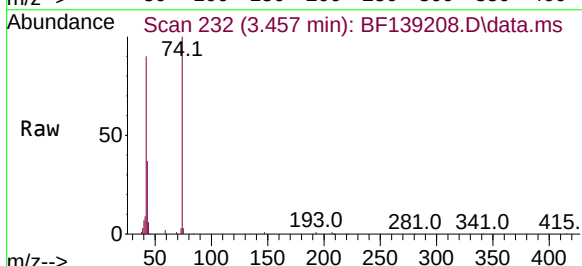
Tgt Ion: 42 Resp: 157355

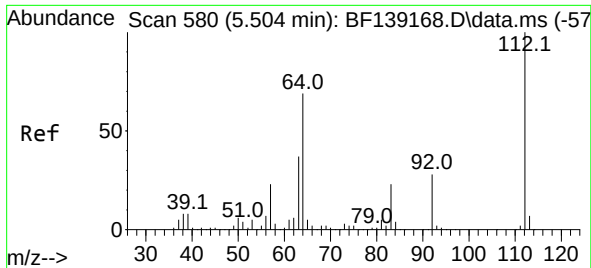
Ion Ratio Lower Upper

42 100

74 111.7 88.6 132.8

44 6.2 5.0 7.4

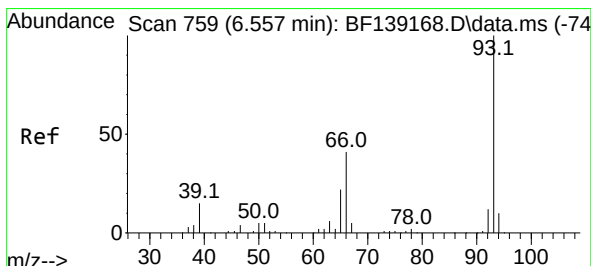
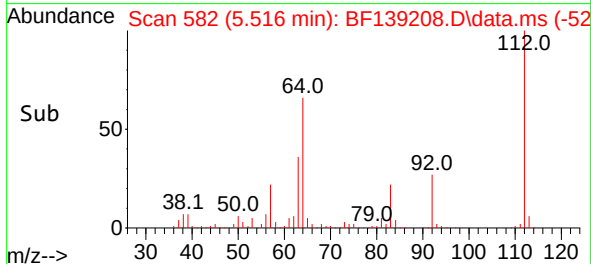
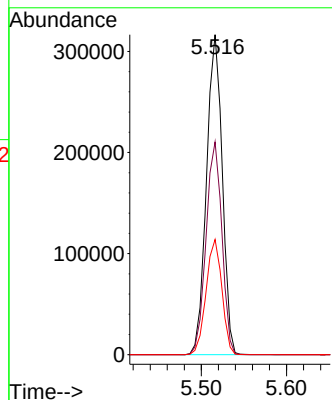
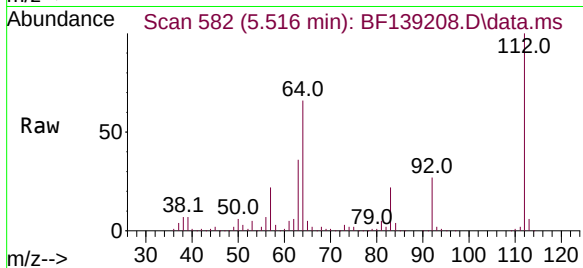




#5  
2-Fluorophenol  
Concen: 78.719 ng  
RT: 5.516 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

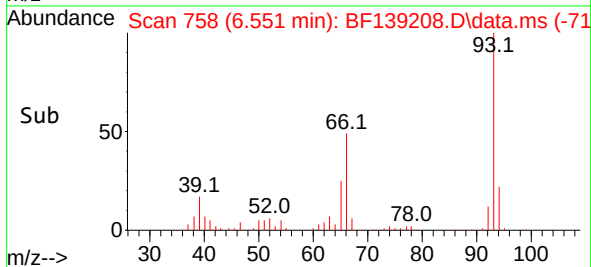
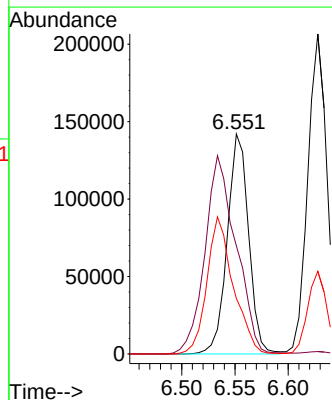
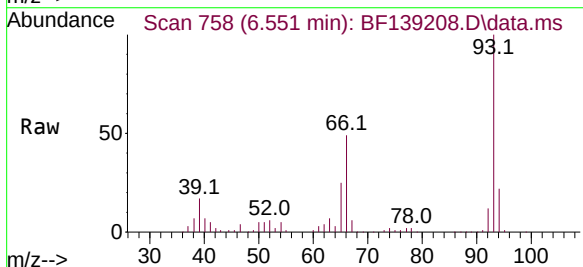
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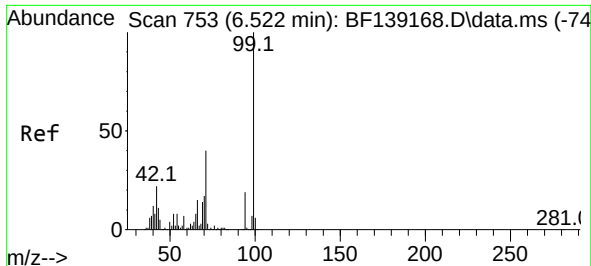
Tgt Ion:112 Resp: 407035  
Ion Ratio Lower Upper  
112 100  
64 66.5 55.5 83.3  
63 36.0 29.8 44.6



#6  
Aniline  
Concen: 29.789 ng  
RT: 6.551 min Scan# 758  
Delta R.T. -0.036 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion: 93 Resp: 198162  
Ion Ratio Lower Upper  
93 100  
66 49.2 35.0 52.4  
65 25.2 17.2 25.8

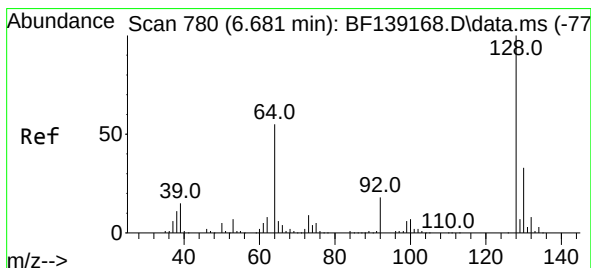
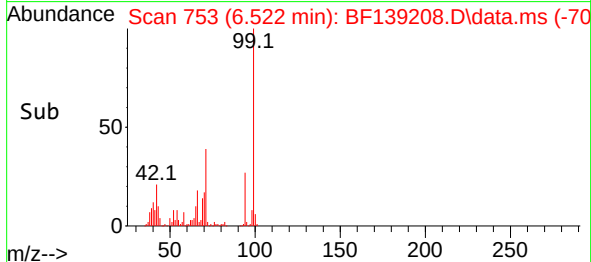
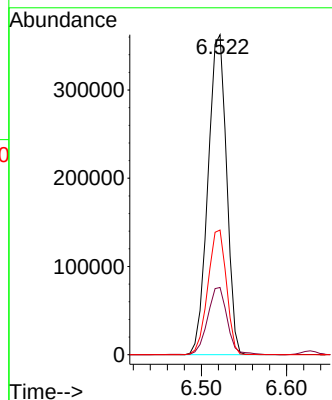
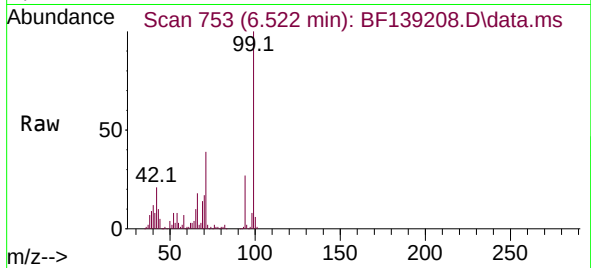




#7  
Phenol-d6  
Concen: 77.303 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

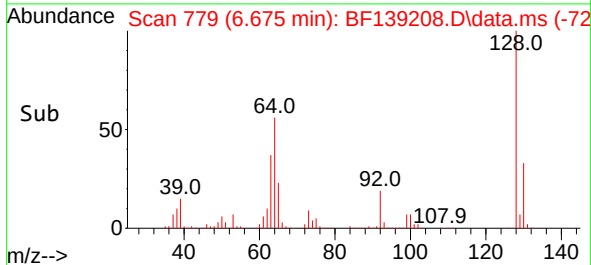
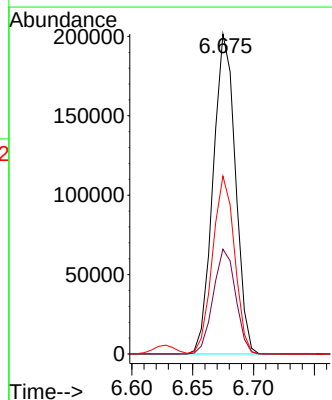
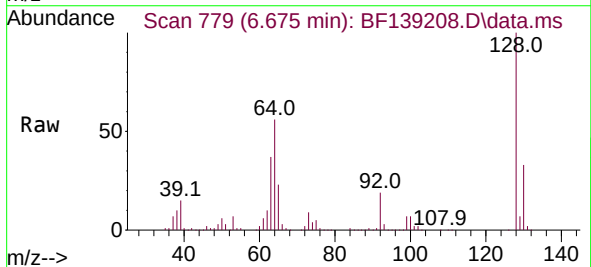
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ClientSampleId :  
P-5-COMPOSITEMS

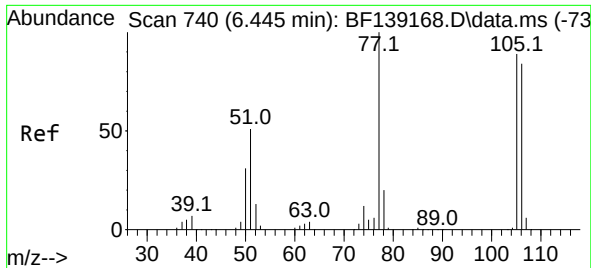
Tgt Ion: 99 Resp: 548574  
Ion Ratio Lower Upper  
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42 21.0 17.9 26.9  
71 39.0 31.7 47.5



#8  
2-Chlorophenol  
Concen: 52.235 ng  
RT: 6.675 min Scan# 779  
Delta R.T. -0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion: 128 Resp: 256607  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.5 52.5  
64 55.6 37.3 77.3





#9

Benzaldehyde

Concen: 24.149 ng

RT: 6.439 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

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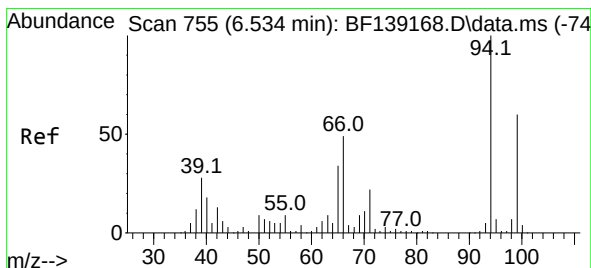
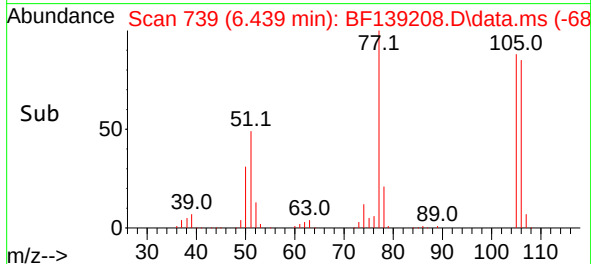
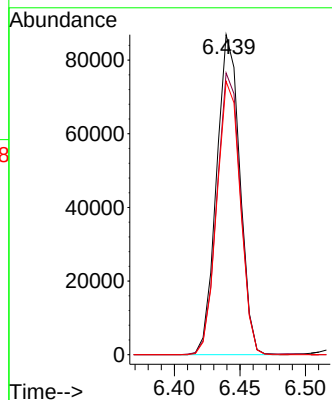
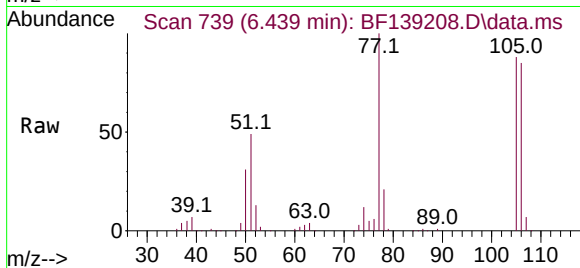
Tgt Ion: 77 Resp: 107260

Ion Ratio Lower Upper

77 100

105 88.0 68.7 108.7

106 85.4 64.2 104.2



#10

Phenol

Concen: 49.165 ng

RT: 6.534 min Scan# 755

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

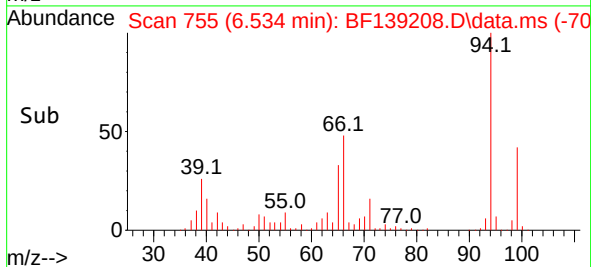
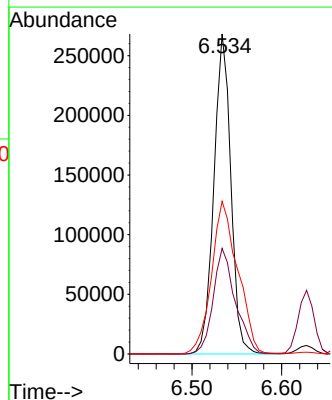
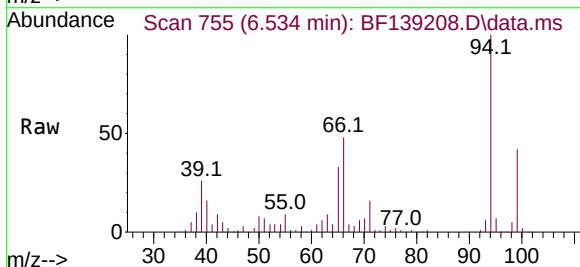
Tgt Ion: 94 Resp: 352114

Ion Ratio Lower Upper

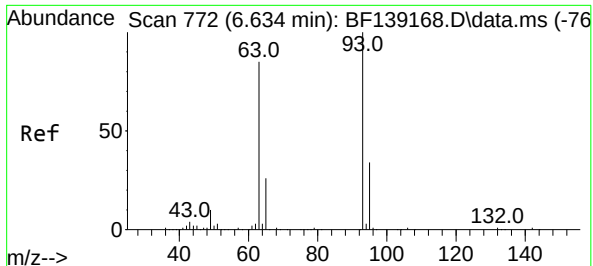
94 100

65 33.0 14.1 54.1

66 47.7 29.8 69.8



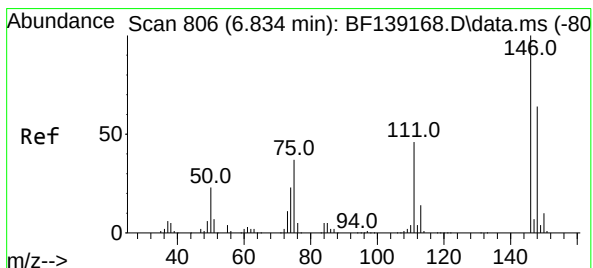
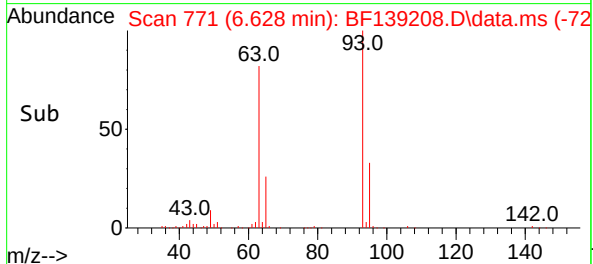
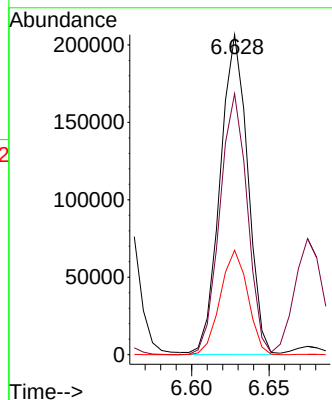
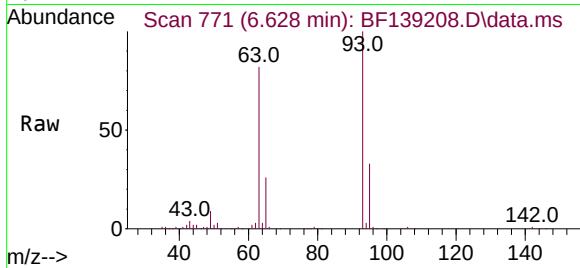




#11  
bis(2-Chloroethyl)ether  
Concen: 45.360 ng  
RT: 6.628 min Scan# 771  
Delta R.T. -0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

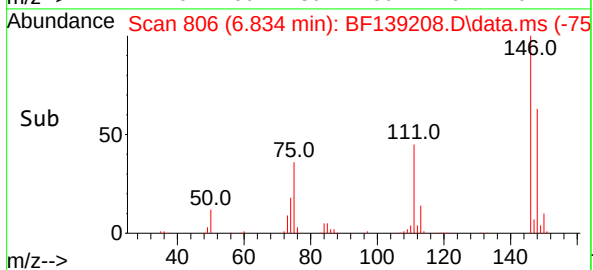
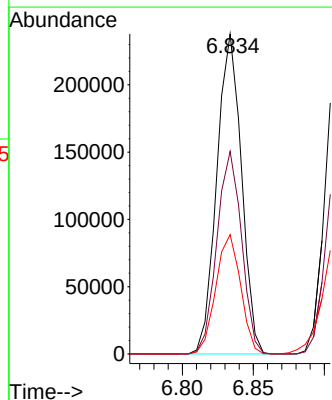
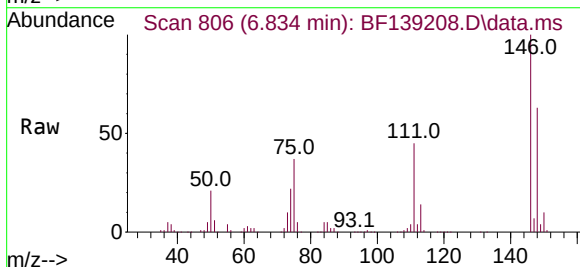
Instrument :  
BNA\_F  
ClientSampleId :  
P-5-COMPOSITEMS

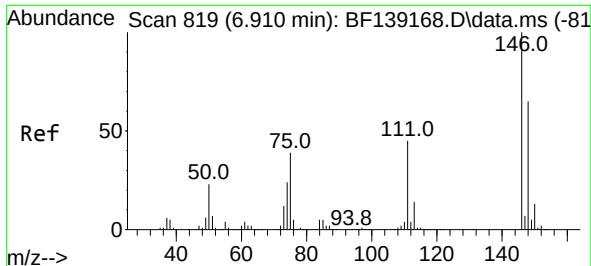
Tgt Ion: 93 Resp: 255957  
Ion Ratio Lower Upper  
93 100  
63 81.5 62.4 102.4  
95 32.7 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 44.281 ng  
RT: 6.834 min Scan# 806  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:146 Resp: 286863  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.2 76.8  
75 37.3 29.9 44.9

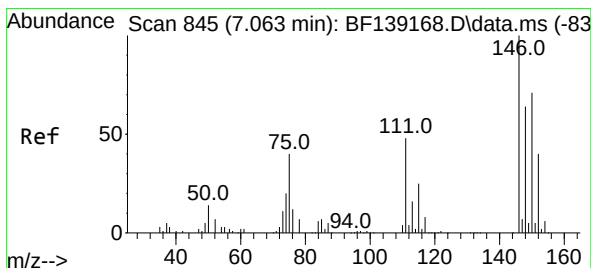
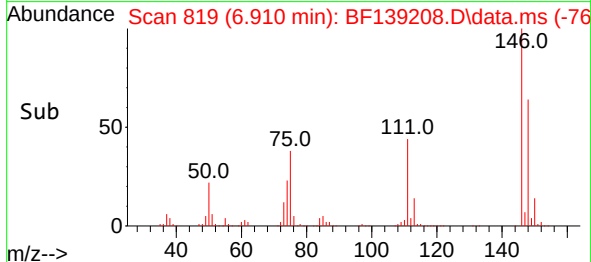
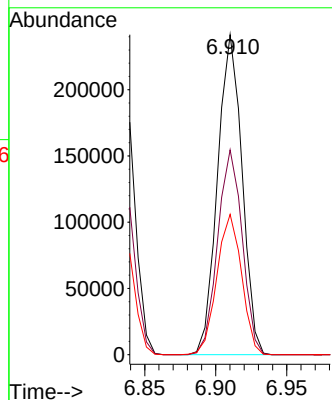
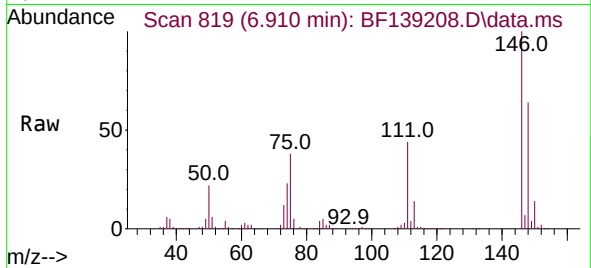




#13  
1,4-Dichlorobenzene  
Concen: 44.567 ng  
RT: 6.910 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

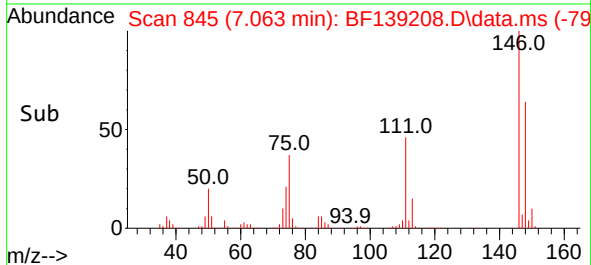
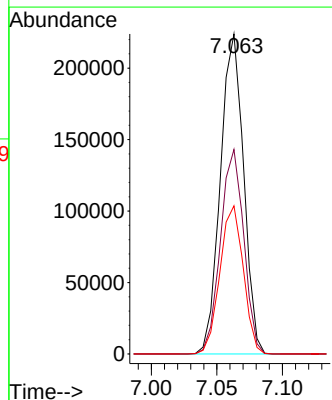
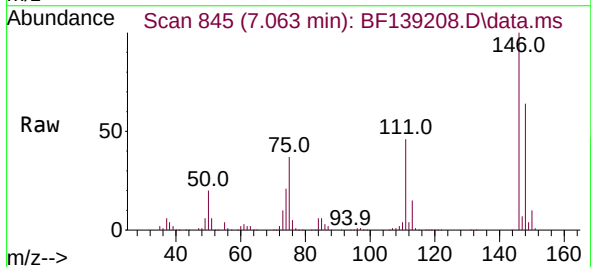
Instrument :  
BNA\_F  
ClientSampleId :  
P-5-COMPOSITEMS

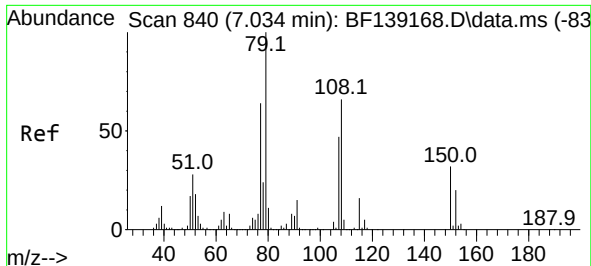
Tgt Ion:146 Resp: 289661  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.8 77.8  
111 43.9 35.8 53.8



#14  
1,2-Dichlorobenzene  
Concen: 45.009 ng  
RT: 7.063 min Scan# 845  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:146 Resp: 275240  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.4 77.2  
111 46.3 38.6 58.0

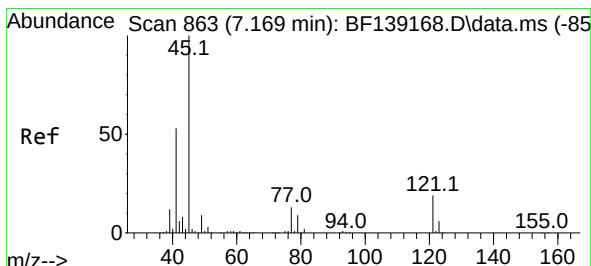
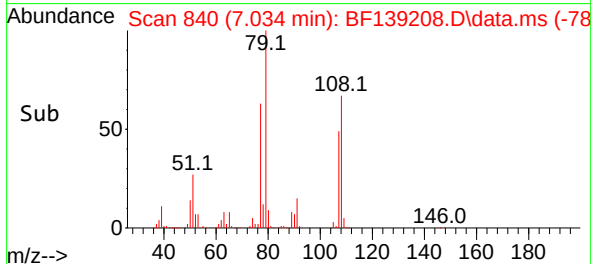
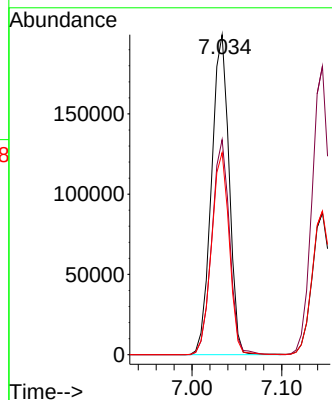
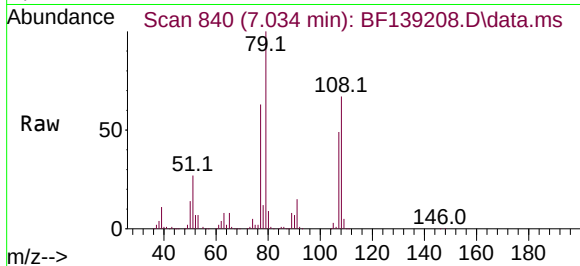




#15  
Benzyl Alcohol  
Concen: 50.796 ng  
RT: 7.034 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

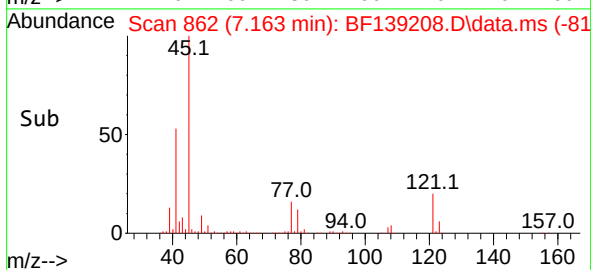
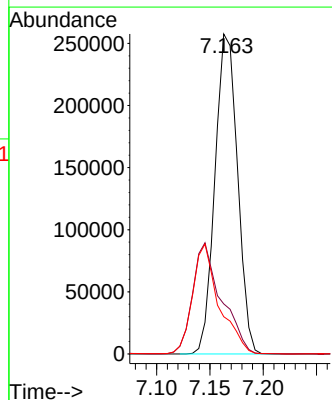
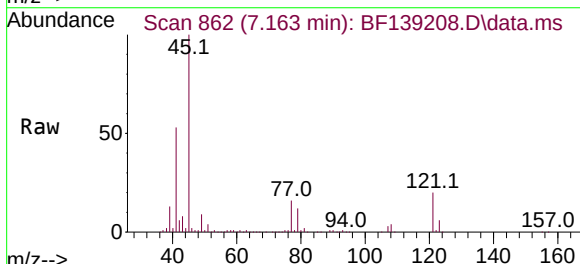
Instrument :  
BNA\_F  
ClientSampleId :  
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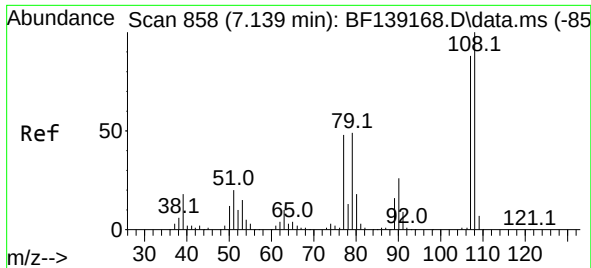
Tgt Ion: 79 Resp: 271703  
Ion Ratio Lower Upper  
79 100  
108 67.2 52.7 79.1  
77 63.2 51.2 76.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.342 ng  
RT: 7.163 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion: 45 Resp: 379086  
Ion Ratio Lower Upper  
45 100  
77 15.6 0.0 33.9  
79 11.6 0.0 30.5

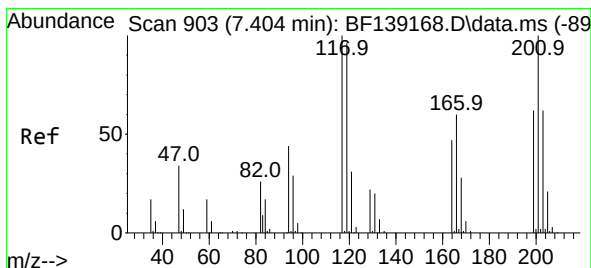
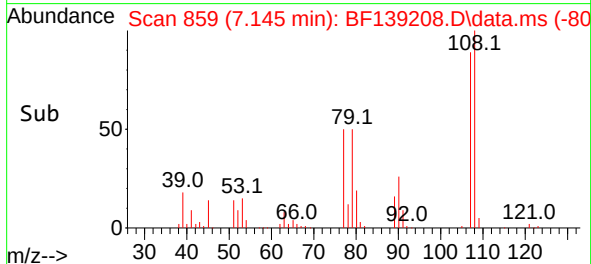
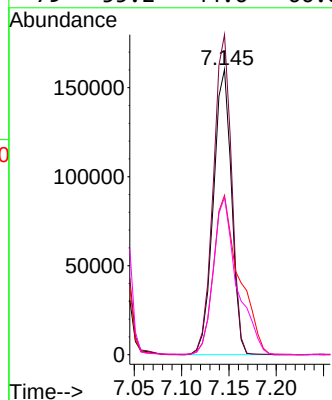
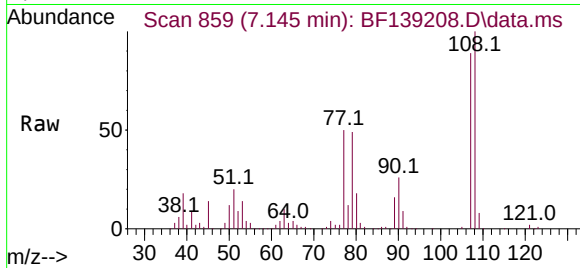




#17  
2-Methylphenol  
Concen: 47.615 ng  
RT: 7.145 min Scan# 858  
Delta R.T. 0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

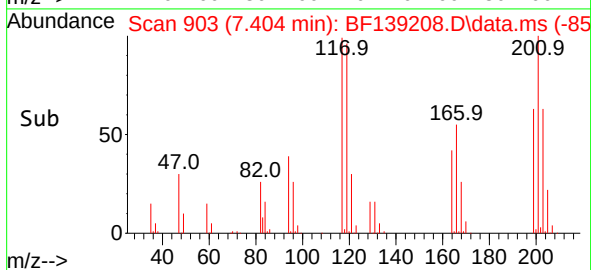
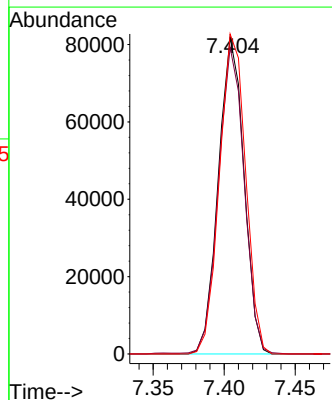
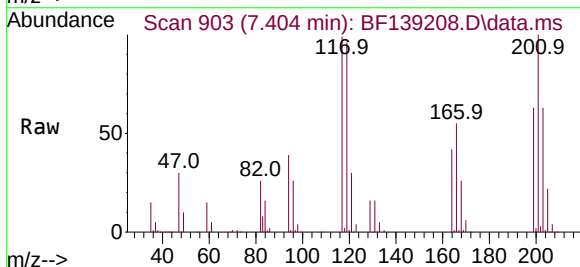
Instrument :  
BNA\_F  
ClientSampleId :  
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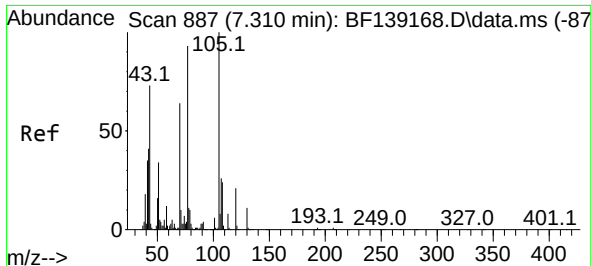
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 213243 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.2 | 91.4  | 137.0  |
| 77       | 55.9  | 44.3  | 66.5   |
| 79       | 55.2  | 44.6  | 66.8   |



#18  
Hexachloroethane  
Concen: 49.847 ng  
RT: 7.404 min Scan# 903  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 102502 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.8  | 77.1  | 115.7  |
| 201      | 101.0 | 79.7  | 119.5  |

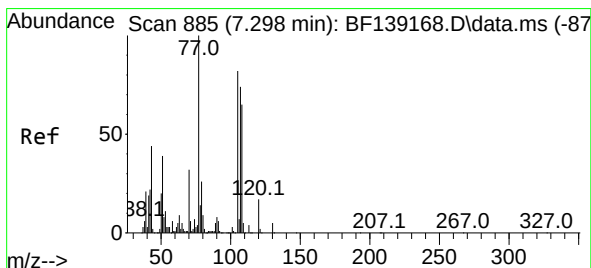
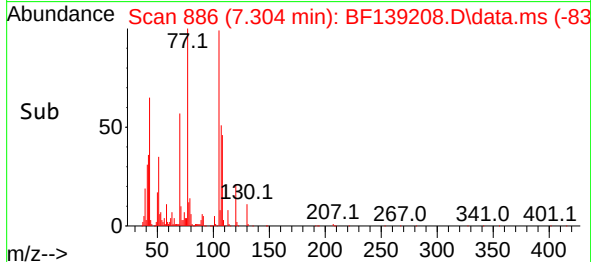
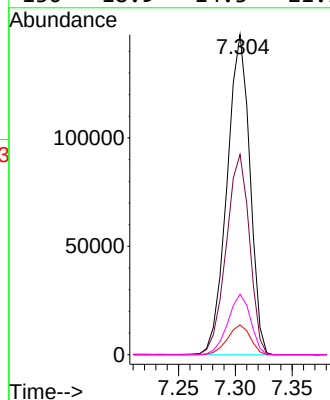
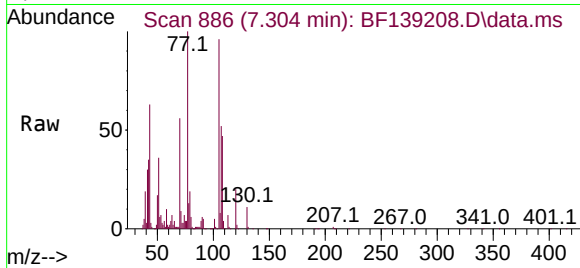




#19  
n-Nitroso-di-n-propylamine  
Concen: 48.671 ng  
RT: 7.304 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

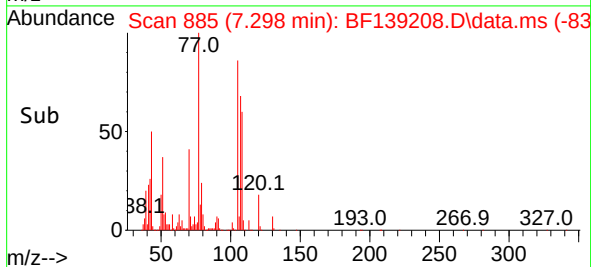
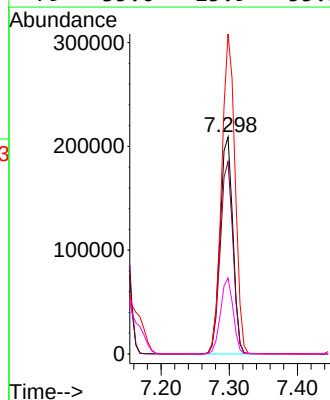
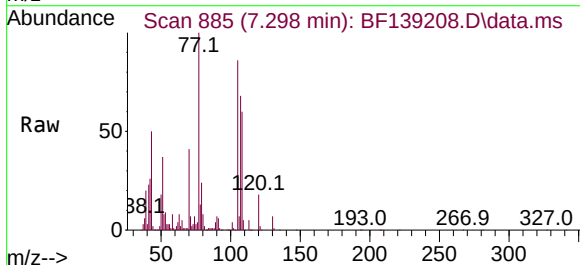
Instrument :  
BNA\_F  
ClientSampleId :  
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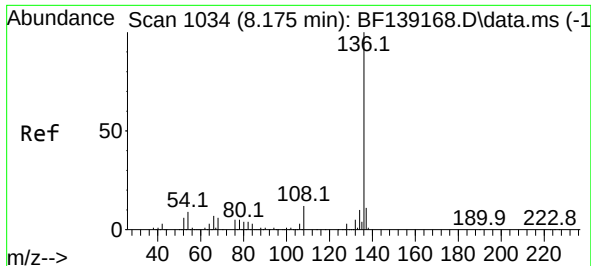
Tgt Ion: 70 Resp: 206578  
Ion Ratio Lower Upper  
70 100  
42 62.5 50.8 76.2  
101 9.3 7.4 11.0  
130 18.9 14.3 21.5



#20  
3+4-Methylphenols  
Concen: 48.036 ng  
RT: 7.298 min Scan# 885  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion: 107 Resp: 274411  
Ion Ratio Lower Upper  
107 100  
108 88.6 68.5 108.5  
77 147.4 115.7 155.7  
79 35.0 15.9 55.9

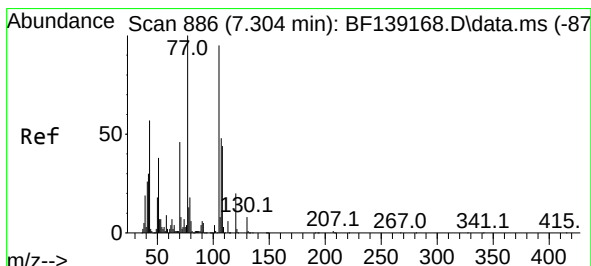
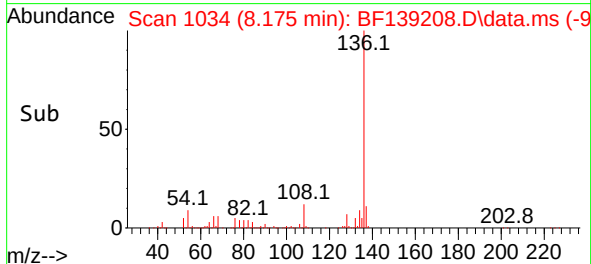
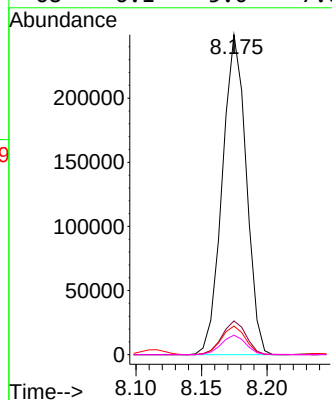
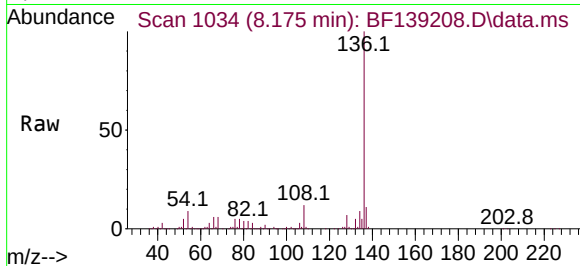




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

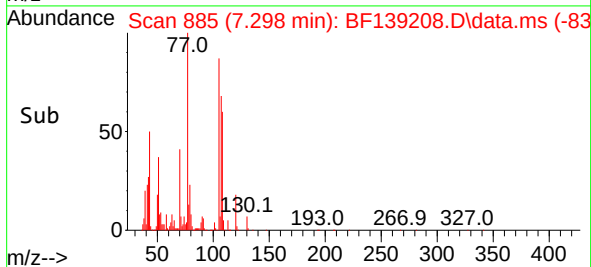
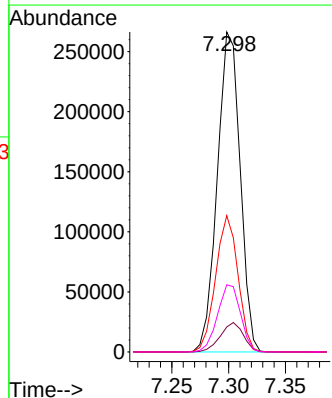
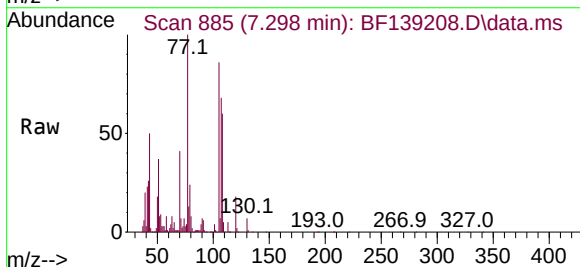
Instrument :  
BNA\_F  
ClientSampleId :  
P-5-COMPOSITEMS

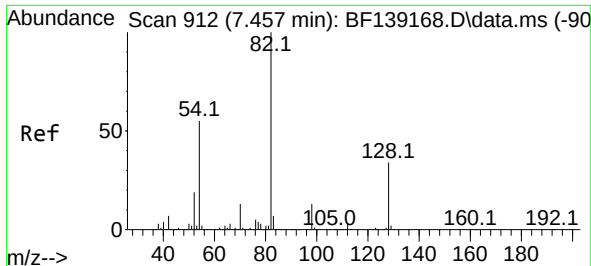
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 316589 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.5  | 8.6   | 12.8   |
| 54        | 9.0   | 7.6   | 11.4   |
| 68        | 6.1   | 5.0   | 7.6    |



#22  
Acetophenone  
Concen: 45.820 ng  
RT: 7.298 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 372726 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 7.8   | 6.5   | 9.7    |
| 51        | 42.6  | 31.8  | 47.6   |
| 120       | 21.0  | 16.9  | 25.3   |





#23

Nitrobenzene-d5

Concen: 64.238 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

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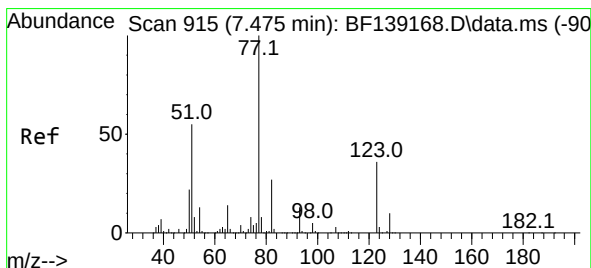
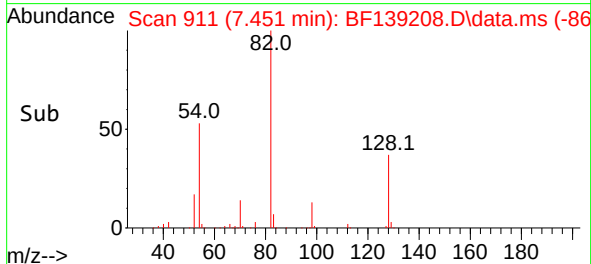
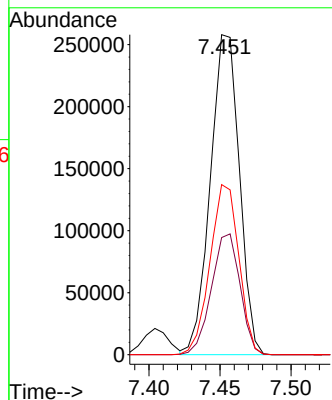
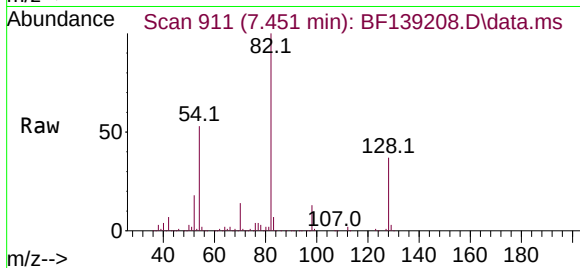
Tgt Ion: 82 Resp: 367095

Ion Ratio Lower Upper

82 100

128 36.6 27.1 40.7

54 53.2 44.2 66.4



#24

Nitrobenzene

Concen: 47.175 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

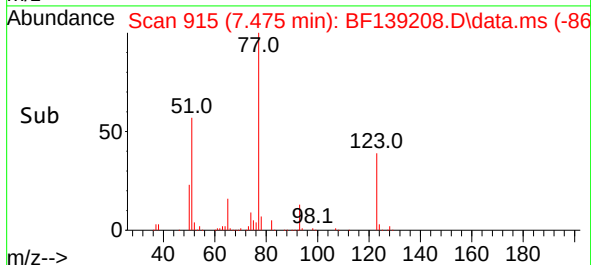
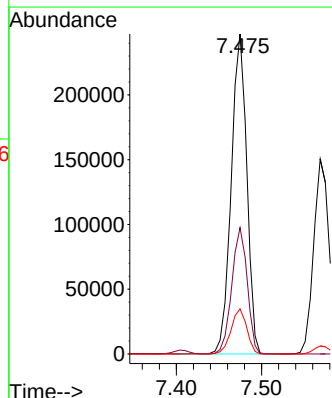
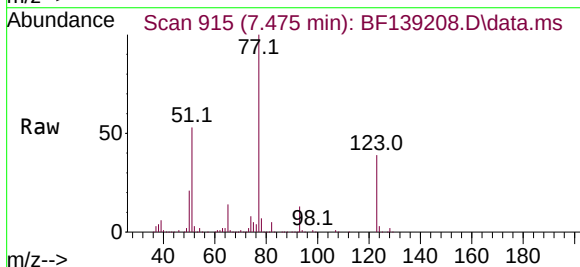
Tgt Ion: 77 Resp: 313704

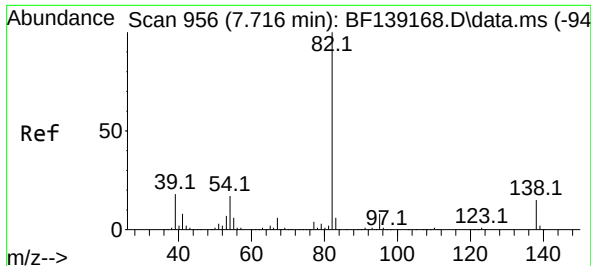
Ion Ratio Lower Upper

77 100

123 39.5 28.7 43.1

65 14.1 10.9 16.3

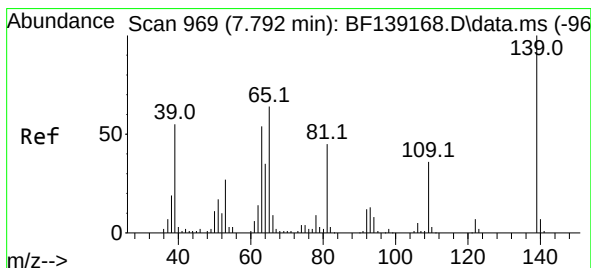
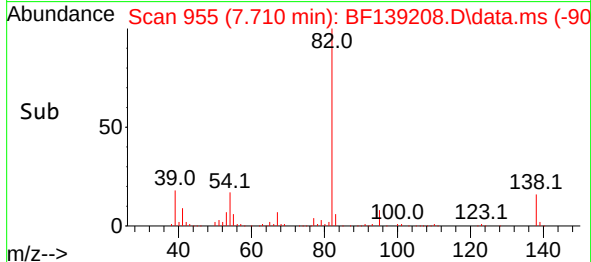
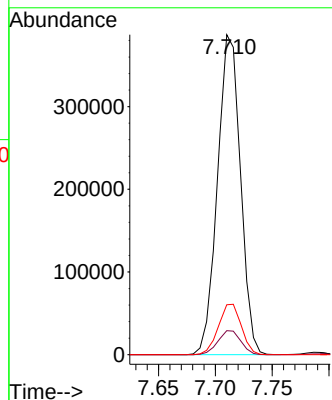
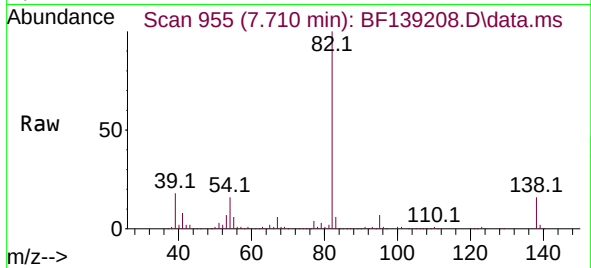




#25  
Isophorone  
Concen: 48.252 ng  
RT: 7.710 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

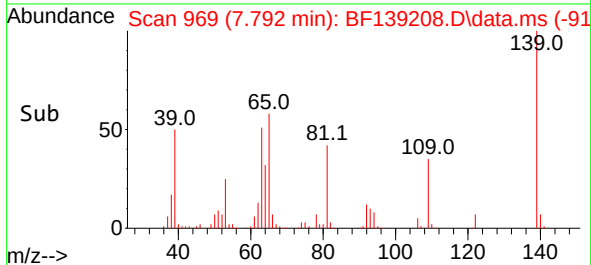
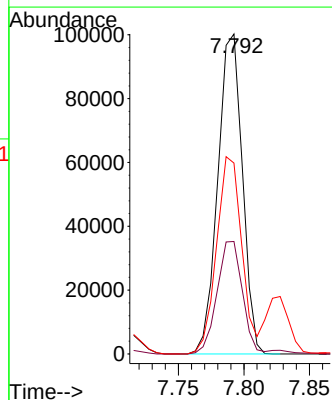
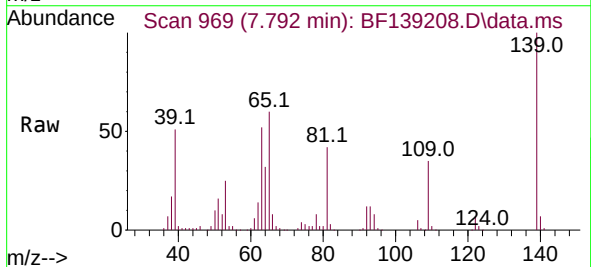
Instrument :  
BNA\_F  
ClientSampleId :  
P-5-COMPOSITMS

Tgt Ion: 82 Resp: 545286  
Ion Ratio Lower Upper  
82 100  
95 7.5 6.1 9.1  
138 15.6 12.2 18.4

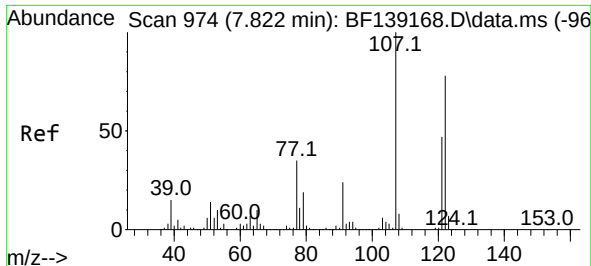


#26  
2-Nitrophenol  
Concen: 60.342 ng  
RT: 7.792 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:139 Resp: 130509  
Ion Ratio Lower Upper  
139 100  
109 35.1 28.9 43.3  
65 59.6 51.1 76.7







#27

2,4-Dimethylphenol

Concen: 61.839 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

P-5-COMPOSITEMS

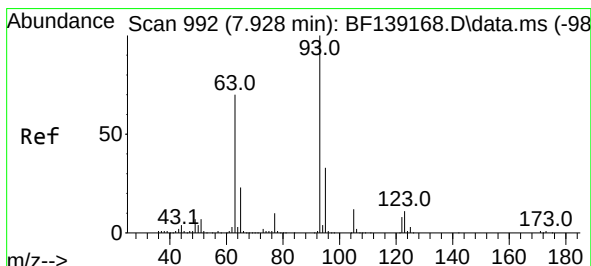
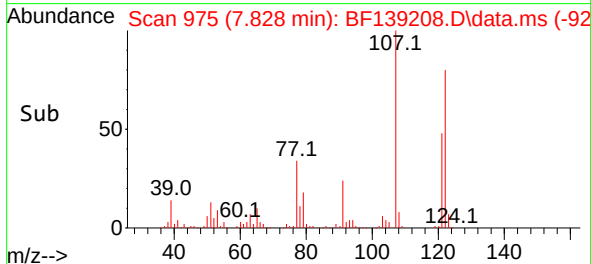
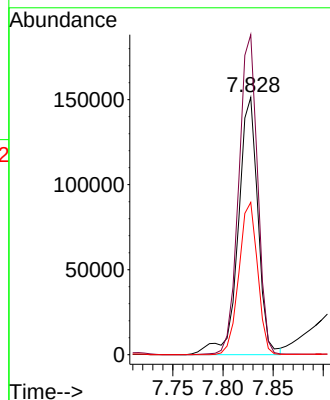
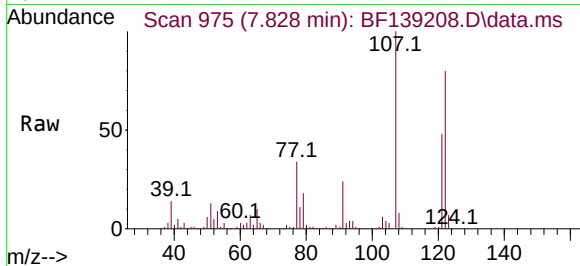
Tgt Ion:122 Resp: 207129

Ion Ratio Lower Upper

122 100

107 124.4 102.1 153.1

121 59.2 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 47.539 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

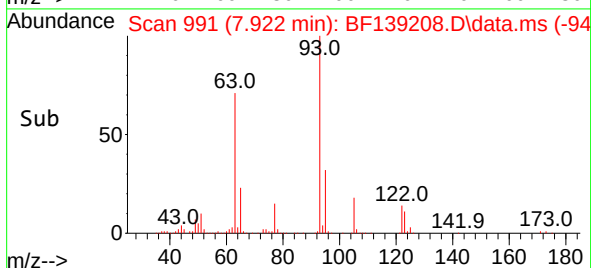
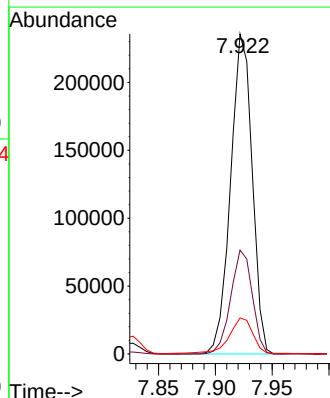
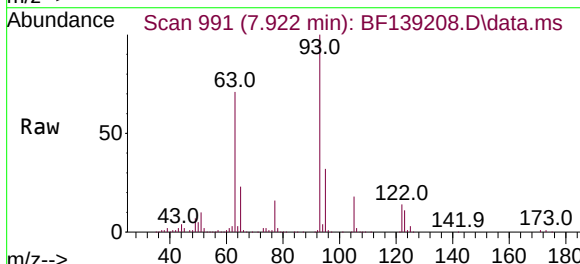
Tgt Ion: 93 Resp: 311034

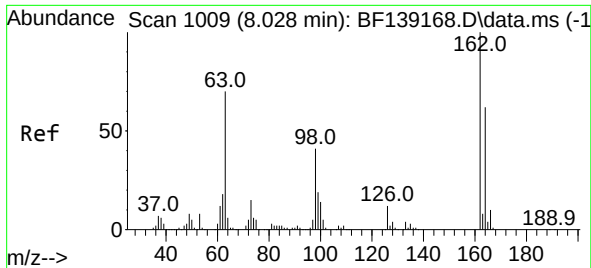
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 11.3 9.2 13.8

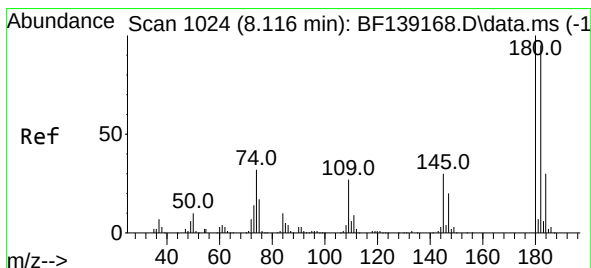
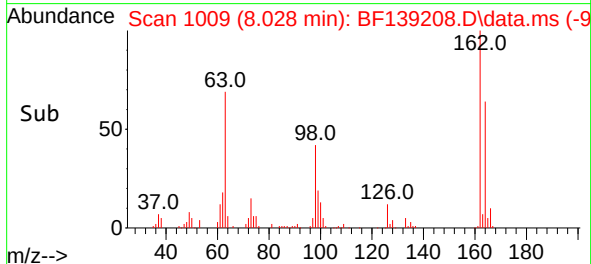
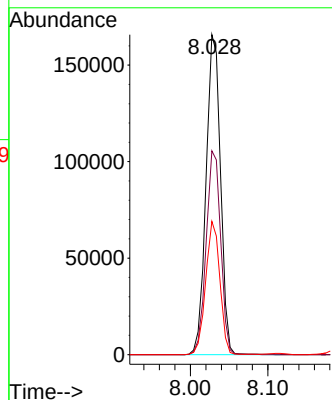
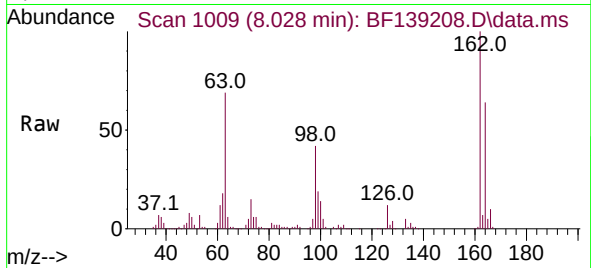




#29  
2,4-Dichlorophenol  
Concen: 51.991 ng  
RT: 8.028 min Scan# 1009  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

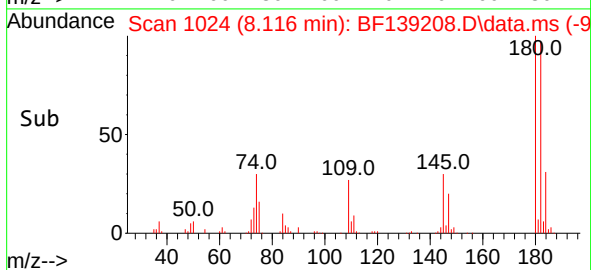
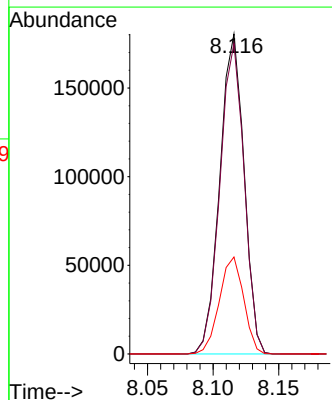
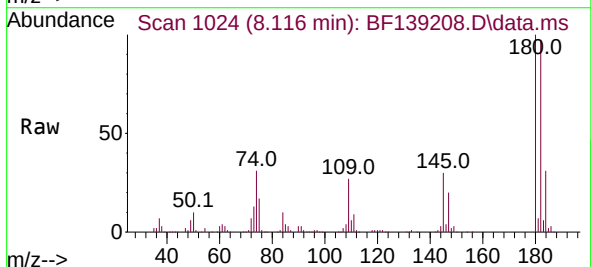
Instrument :  
BNA\_F  
ClientSampleId :  
P-5-COMPOSITEMS

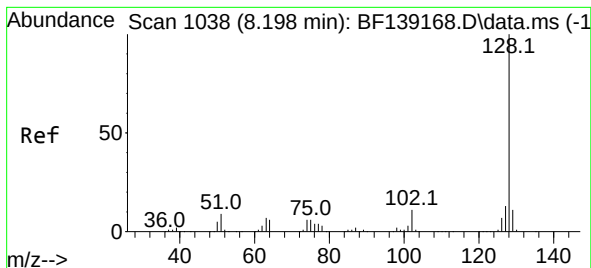
Tgt Ion:162 Resp: 214948  
Ion Ratio Lower Upper  
162 100  
164 63.7 42.3 82.3  
98 41.7 20.8 60.8



#30  
1,2,4-Trichlorobenzene  
Concen: 43.529 ng  
RT: 8.116 min Scan# 1024  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:180 Resp: 232076  
Ion Ratio Lower Upper  
180 100  
182 97.0 76.2 114.2  
145 30.3 23.6 35.4





#31

Naphthalene

Concen: 45.707 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

P-5-COMPOSITEMS

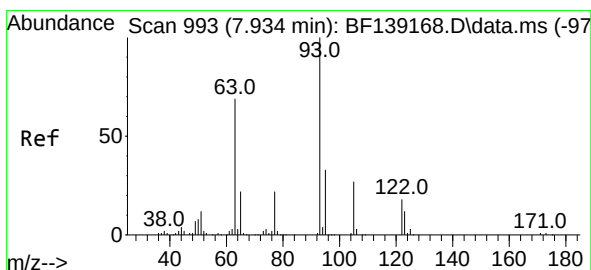
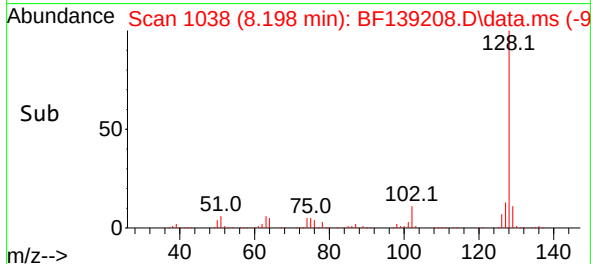
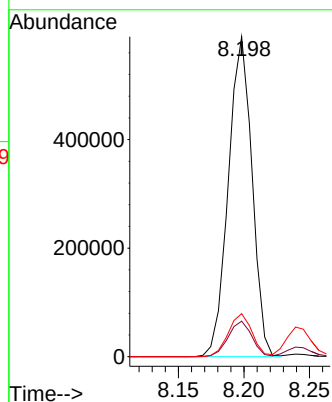
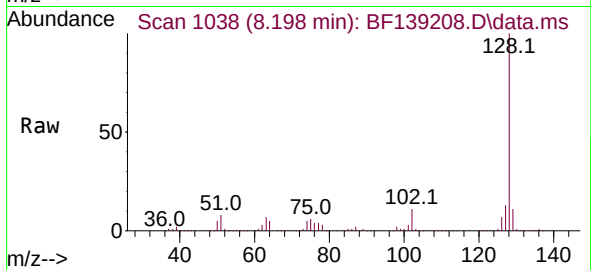
Tgt Ion:128 Resp: 739898

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 38.693 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

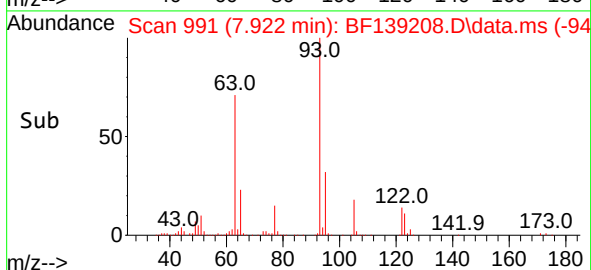
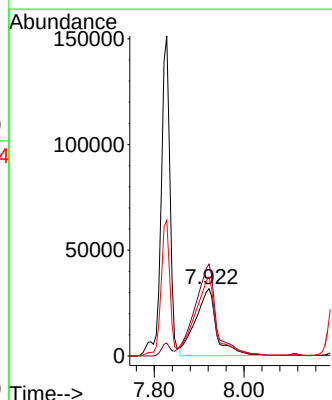
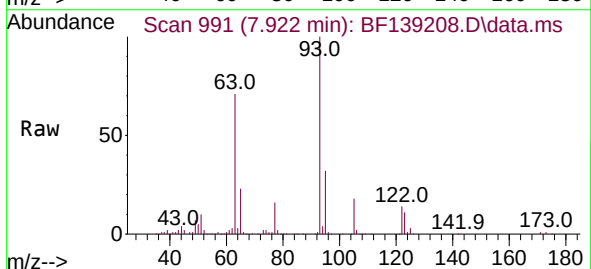
Tgt Ion:122 Resp: 104250

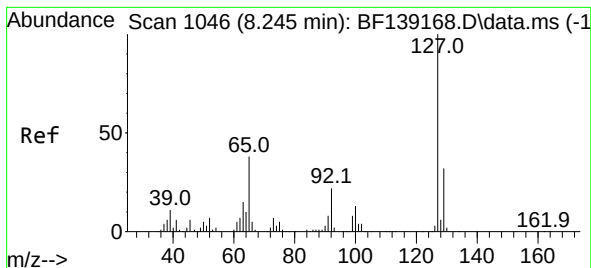
Ion Ratio Lower Upper

122 100

105 136.4 118.9 158.9

77 117.2 96.4 136.4





#33

4-Chloroaniline

Concen: 13.361 ng

RT: 8.239 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

P-5-COMPOSITEMS

Tgt Ion:127 Resp: 74538

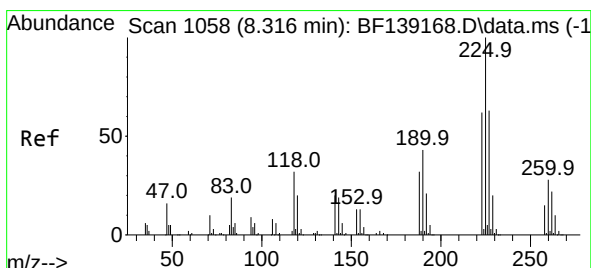
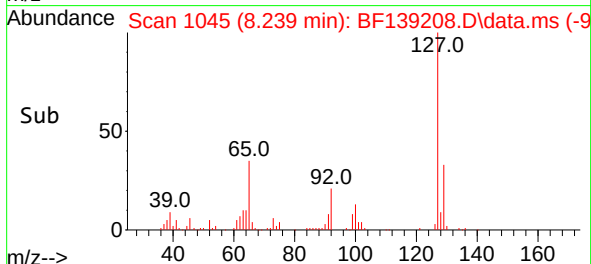
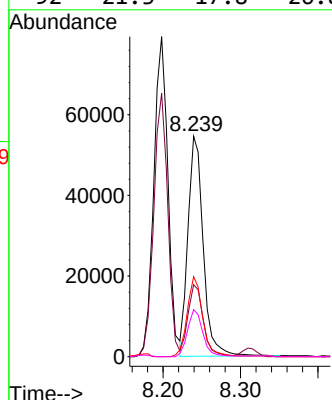
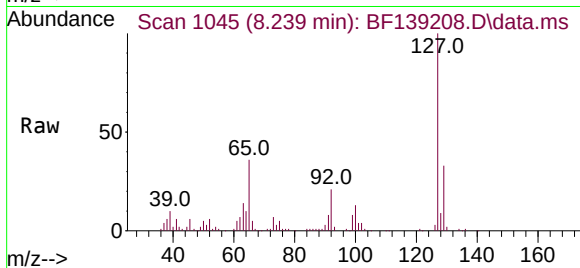
Ion Ratio Lower Upper

127 100

129 32.6 25.7 38.5

65 36.3 30.8 46.2

92 21.3 17.8 26.8



#34

Hexachlorobutadiene

Concen: 45.139 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

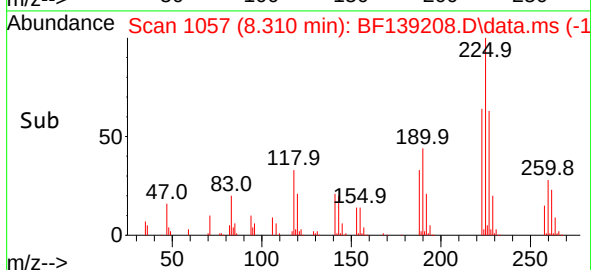
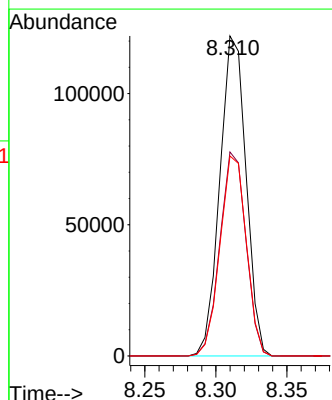
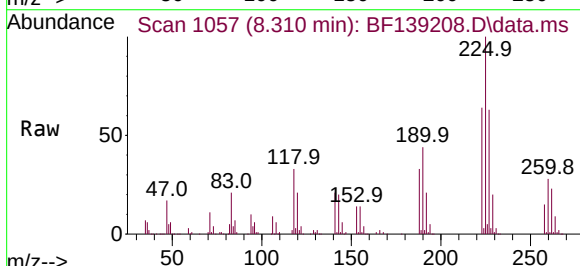
Tgt Ion:225 Resp: 156384

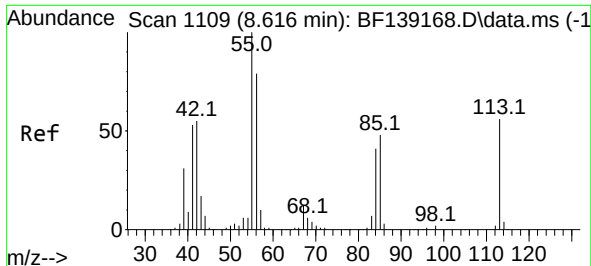
Ion Ratio Lower Upper

225 100

223 63.7 49.7 74.5

227 62.5 50.3 75.5

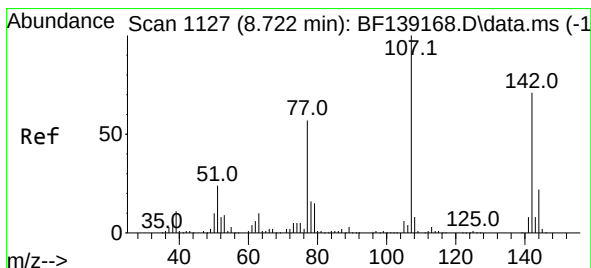
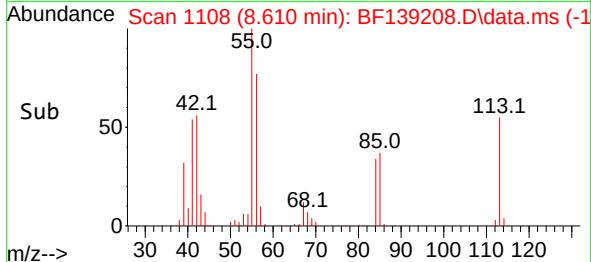
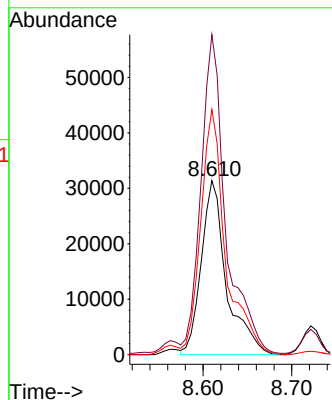
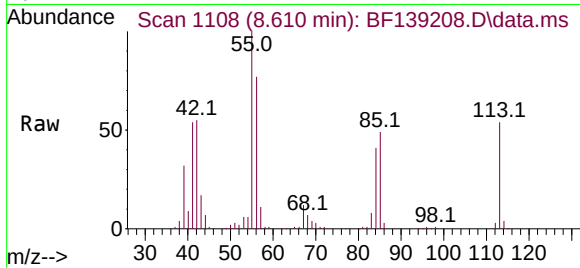




#35  
Caprolactam  
Concen: 48.865 ng m  
RT: 8.610 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

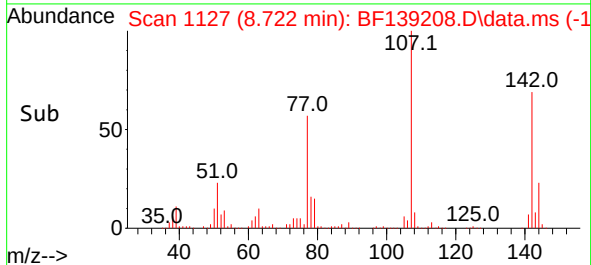
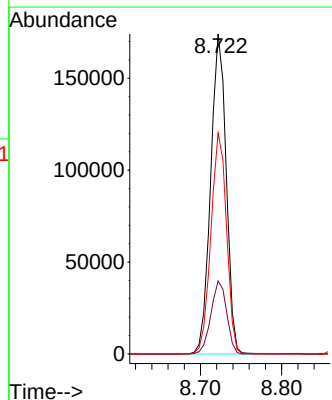
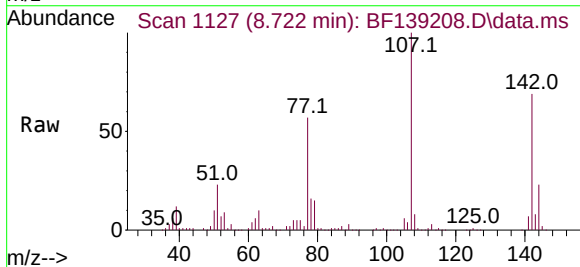
Instrument :  
BNA\_F  
ClientSampleId :  
P-5-COMPOSITEMS

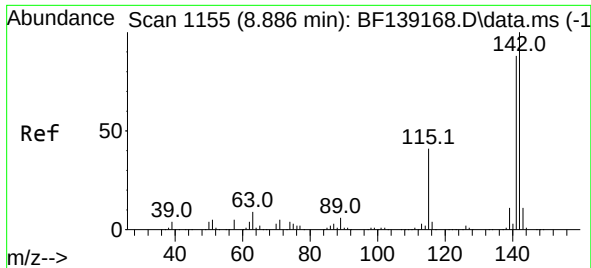
Tgt Ion:113 Resp: 61974  
Ion Ratio Lower Upper  
113 100  
55 183.9 158.0 198.0  
56 140.9 119.6 159.6



#36  
4-Chloro-3-methylphenol  
Concen: 48.719 ng  
RT: 8.722 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:107 Resp: 231004  
Ion Ratio Lower Upper  
107 100  
144 22.8 17.8 26.8  
142 69.1 56.6 84.8

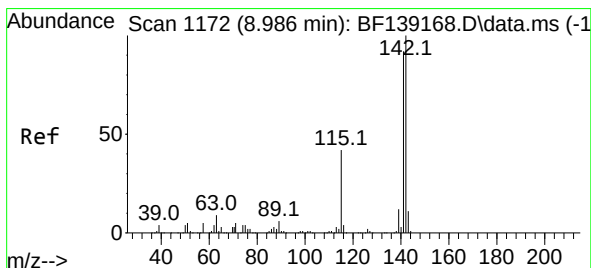
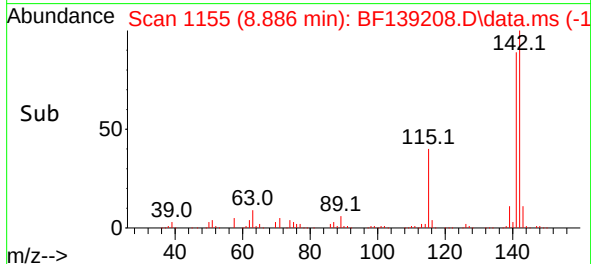
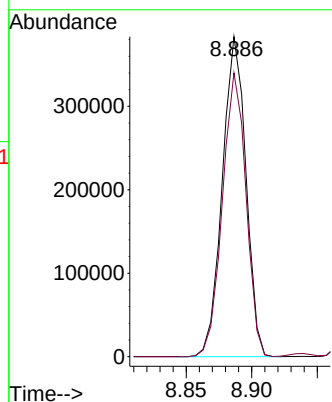
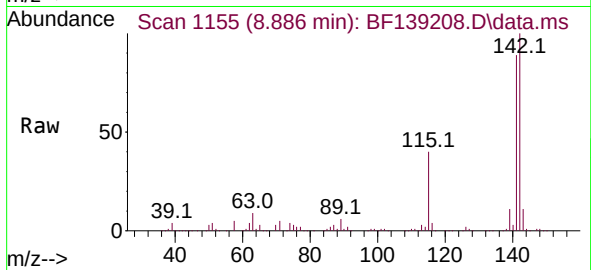




#37  
2-Methylnaphthalene  
Concen: 47.243 ng  
RT: 8.886 min Scan# 1155  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

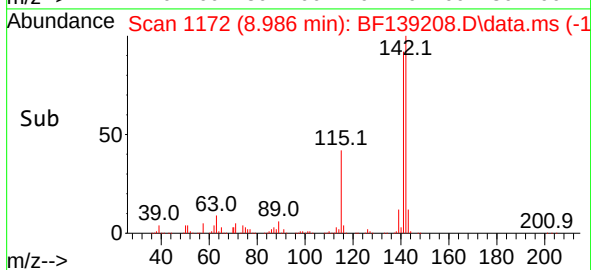
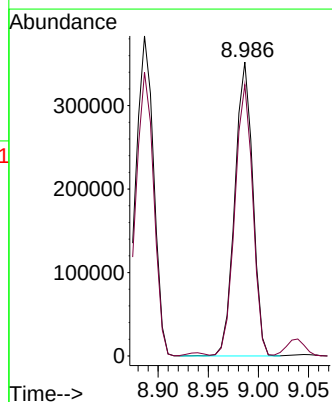
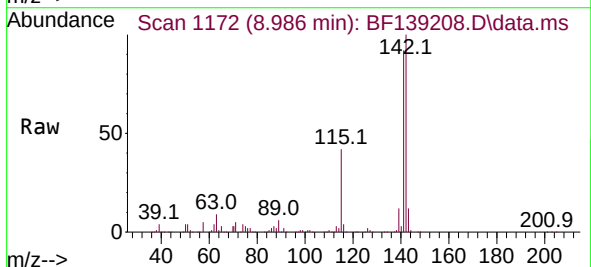
Instrument :  
BNA\_F  
ClientSampleId :  
P-5-COMPOSITEMS

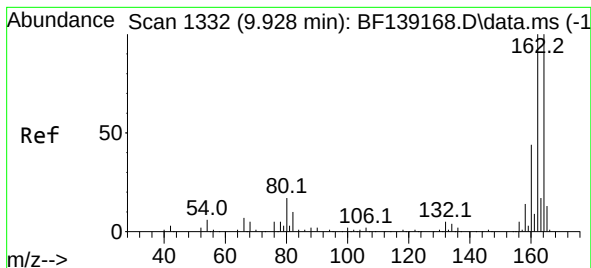
Tgt Ion:142 Resp: 479436  
Ion Ratio Lower Upper  
142 100  
141 88.7 70.2 105.2



#38  
1-Methylnaphthalene  
Concen: 44.360 ng  
RT: 8.986 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:142 Resp: 439999  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139208.D

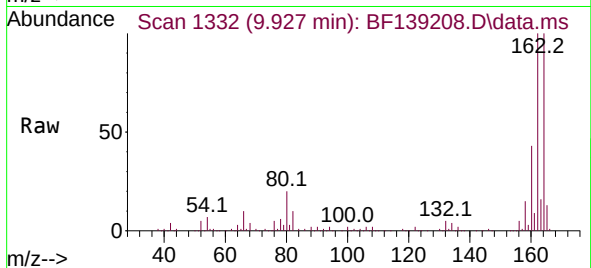
Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

P-5-COMPOSITEMS



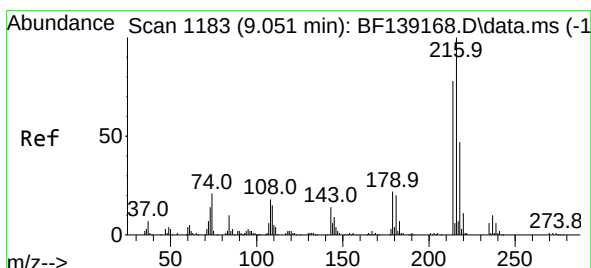
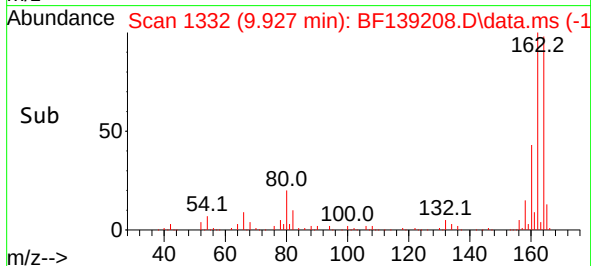
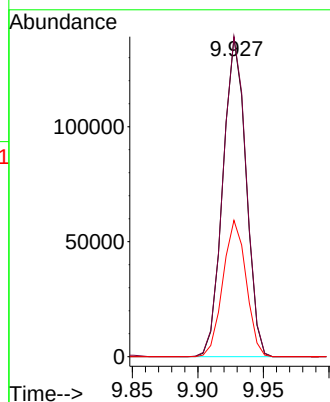
Tgt Ion:164 Resp: 169707

Ion Ratio Lower Upper

164 100

162 100.5 80.0 120.0

160 42.8 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.341 ng

RT: 9.051 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Tgt Ion:216 Resp: 238300

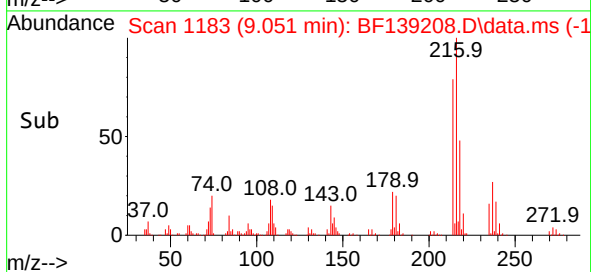
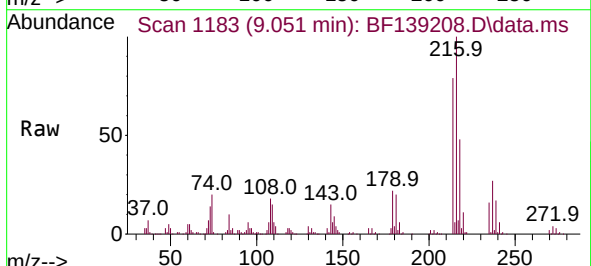
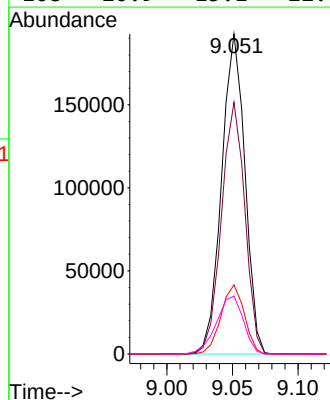
Ion Ratio Lower Upper

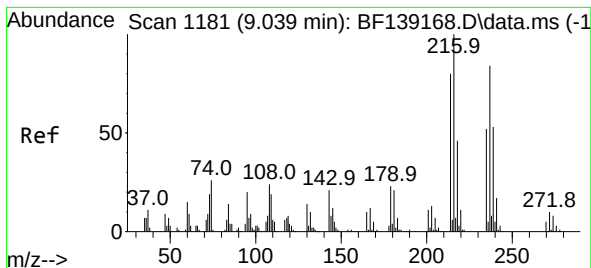
216 100

214 78.5 62.5 93.7

179 21.6 17.5 26.3

108 20.9 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 140.186 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

P-5-COMPOSITMS

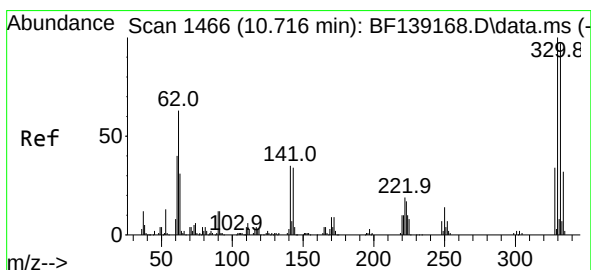
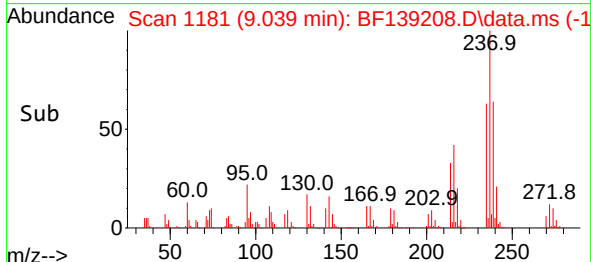
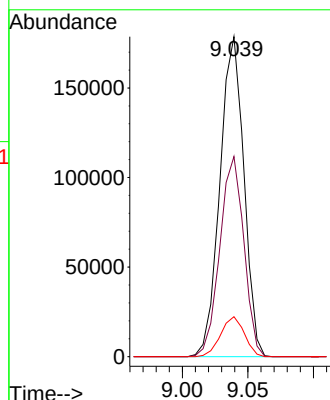
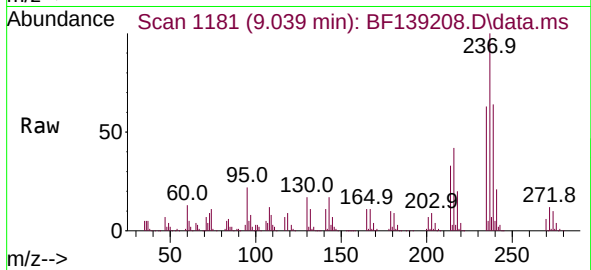
Tgt Ion:237 Resp: 226589

Ion Ratio Lower Upper

237 100

235 62.6 42.1 82.1

272 12.5 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 81.444 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

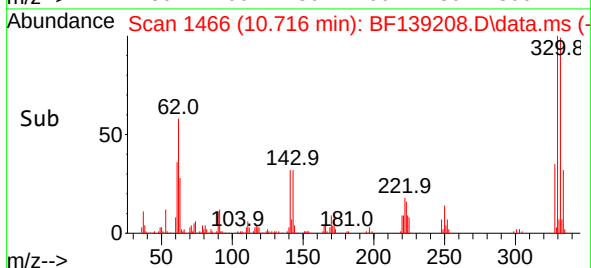
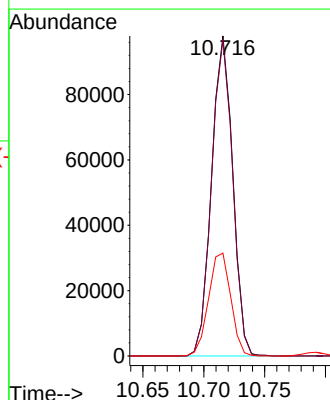
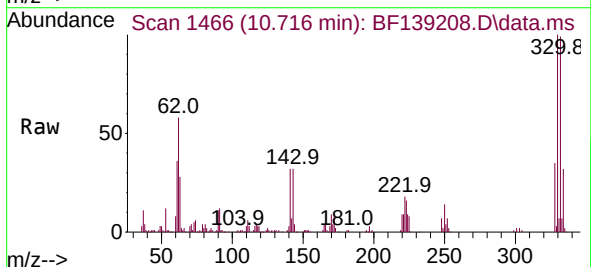
Tgt Ion:330 Resp: 118375

Ion Ratio Lower Upper

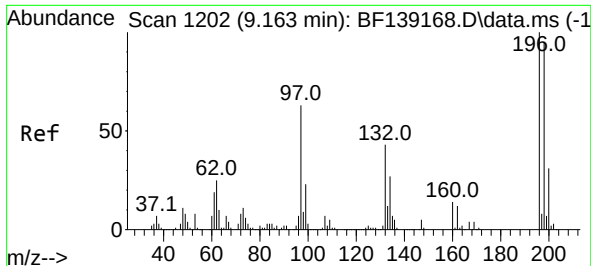
330 100

332 98.5 77.3 115.9

141 33.8 28.8 43.2



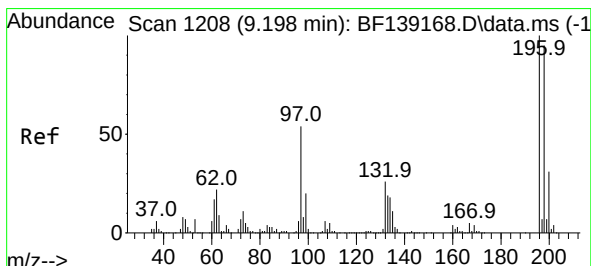
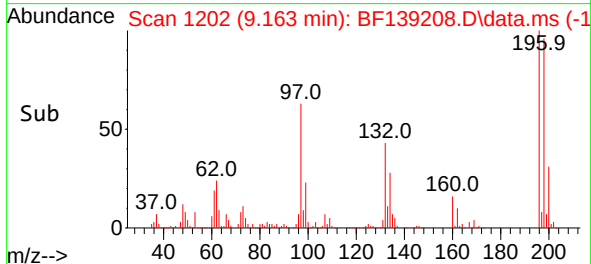
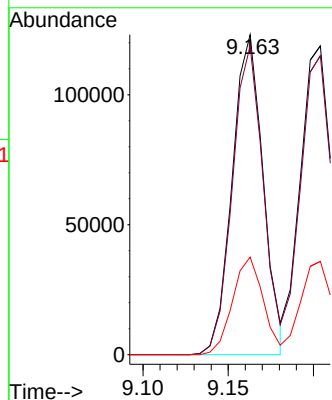
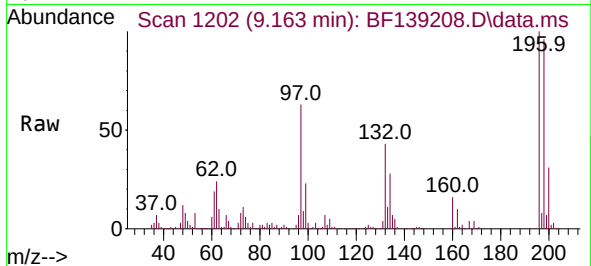




#43  
2,4,6-Trichlorophenol  
Concen: 55.117 ng  
RT: 9.163 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

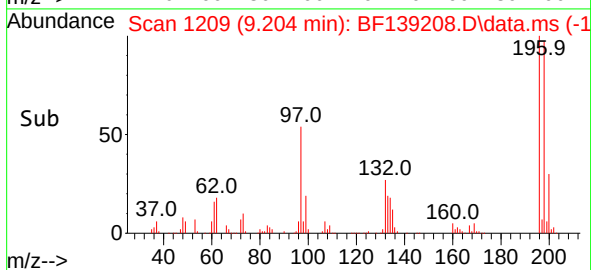
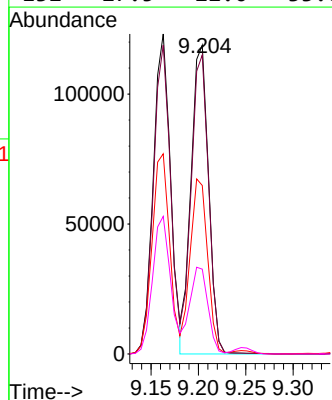
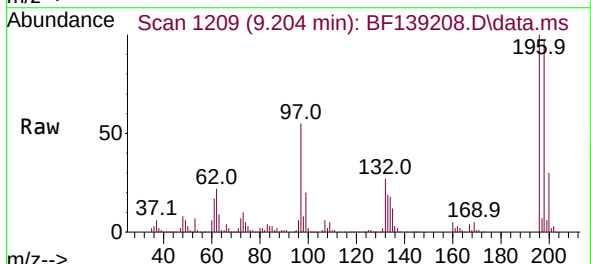
Instrument :  
BNA\_F  
ClientSampleId :  
P-5-COMPOSITEMS

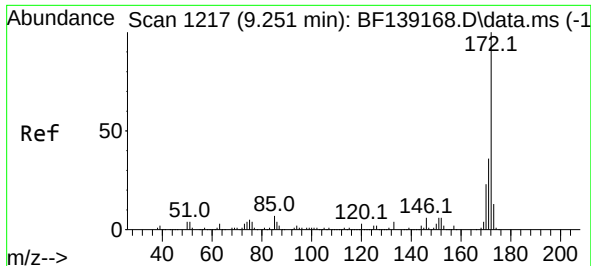
Tgt Ion:196 Resp: 155132  
Ion Ratio Lower Upper  
196 100  
198 96.5 75.8 113.8  
200 30.5 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 51.985 ng  
RT: 9.204 min Scan# 1209  
Delta R.T. 0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:196 Resp: 153368  
Ion Ratio Lower Upper  
196 100  
198 96.9 75.7 113.5  
97 54.6 44.9 67.3  
132 27.5 22.0 33.0

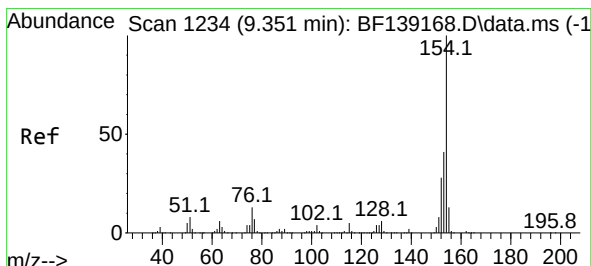
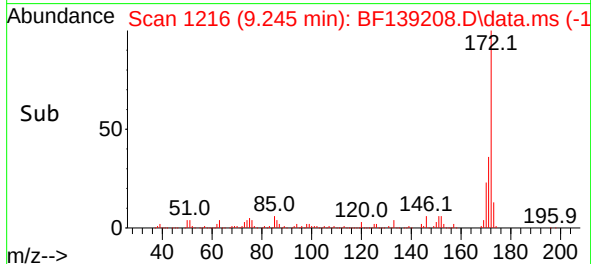
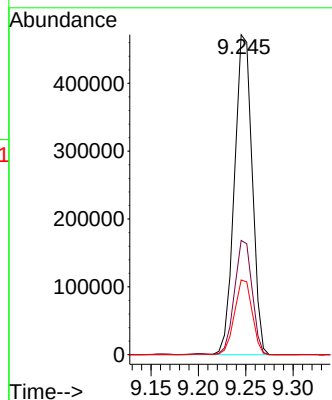
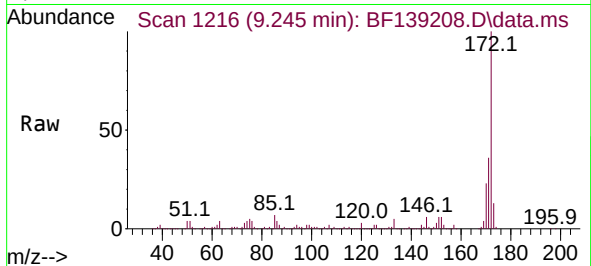




#45  
2-Fluorobiphenyl  
Concen: 56.001 ng  
RT: 9.245 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

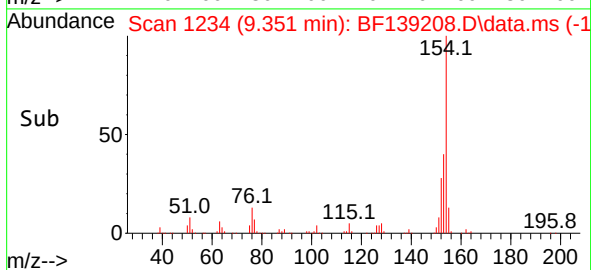
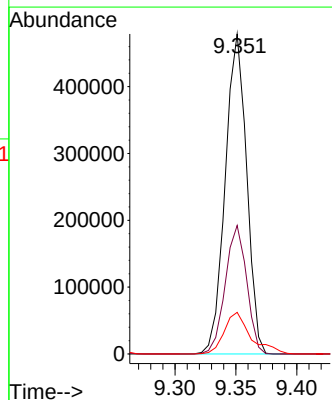
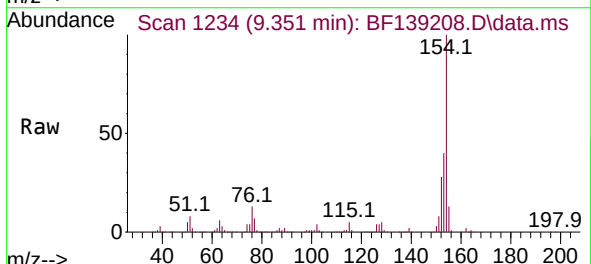
Instrument :  
BNA\_F  
ClientSampleId :  
P-5-COMPOSITEMS

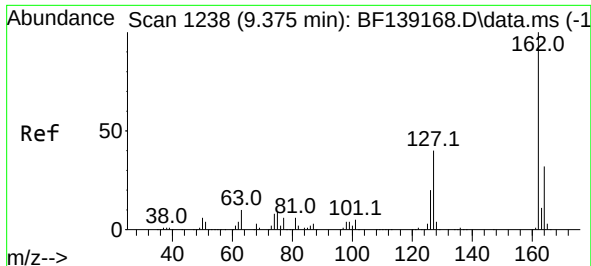
Tgt Ion:172 Resp: 611817  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.6 42.8  
170 23.4 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 47.723 ng  
RT: 9.351 min Scan# 1234  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:154 Resp: 586222  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.7 60.7  
76 13.0 0.0 33.4





#47

2-Chloronaphthalene

Concen: 45.748 ng

RT: 9.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139208.D

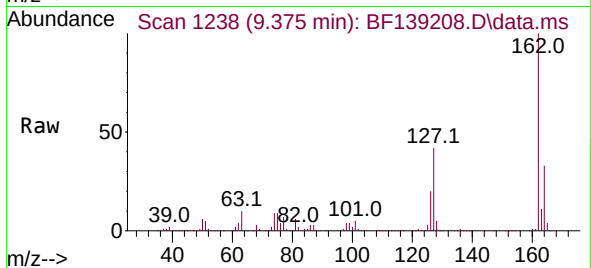
Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

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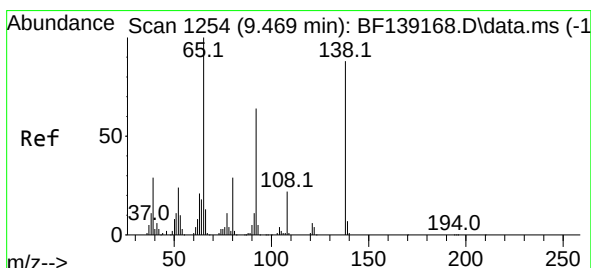
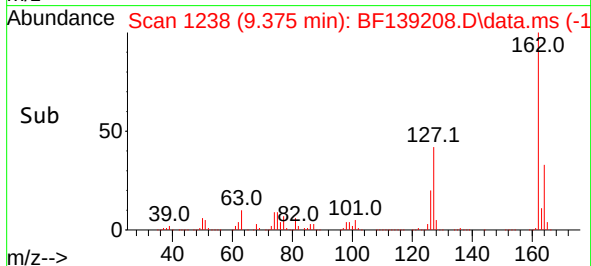
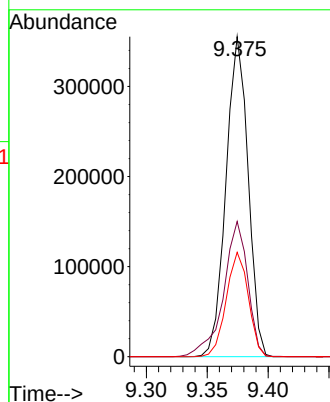
Tgt Ion:162 Resp: 448328

Ion Ratio Lower Upper

162 100

127 42.3 32.4 48.6

164 32.6 25.9 38.9



#48

2-Nitroaniline

Concen: 51.721 ng

RT: 9.469 min Scan# 1254

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

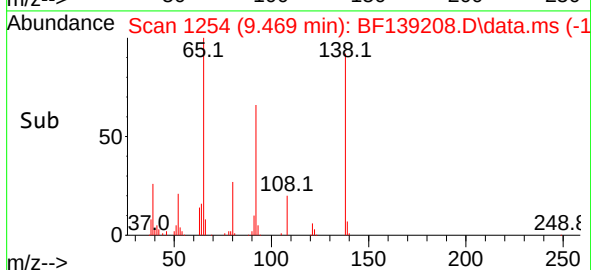
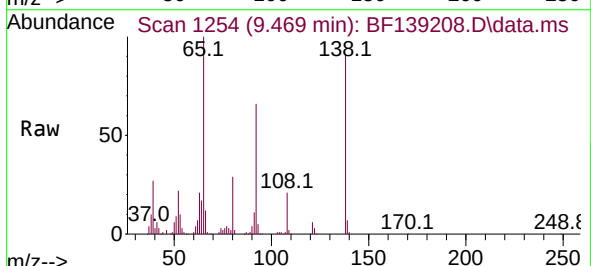
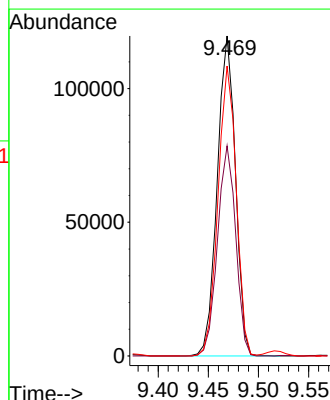
Tgt Ion: 65 Resp: 150675

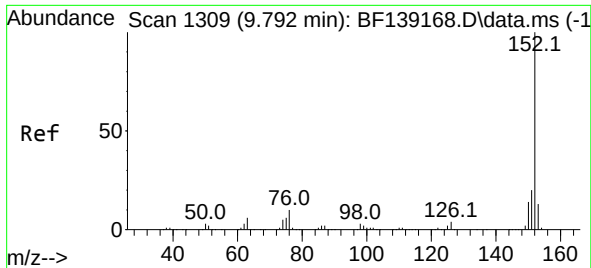
Ion Ratio Lower Upper

65 100

92 65.7 51.2 76.8

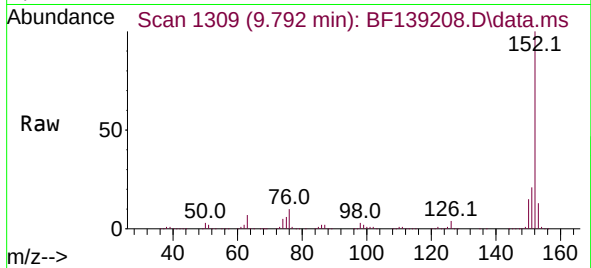
138 90.6 70.0 105.0



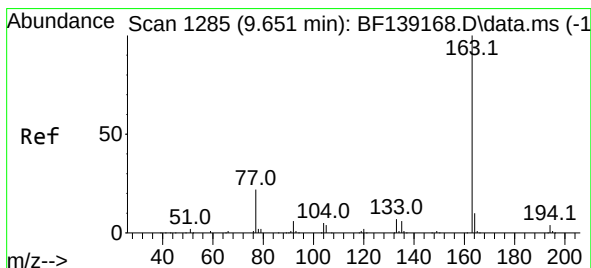
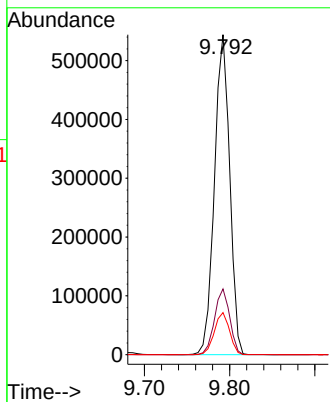
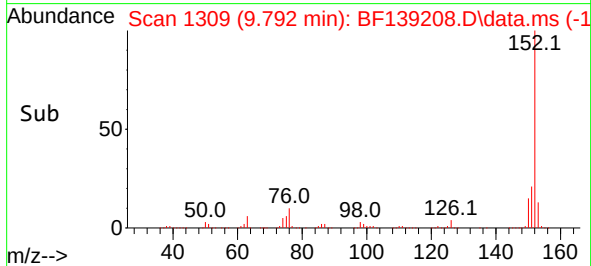


#49  
Acenaphthylene  
Concen: 49.118 ng  
RT: 9.792 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

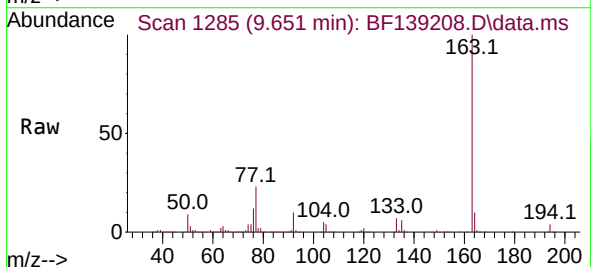
Instrument :  
BNA\_F  
ClientSampleId :  
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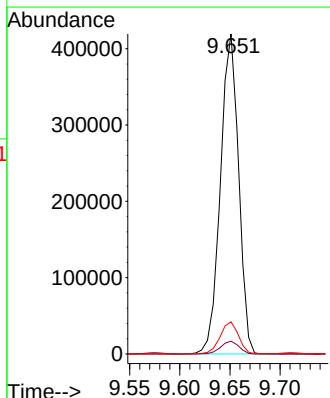
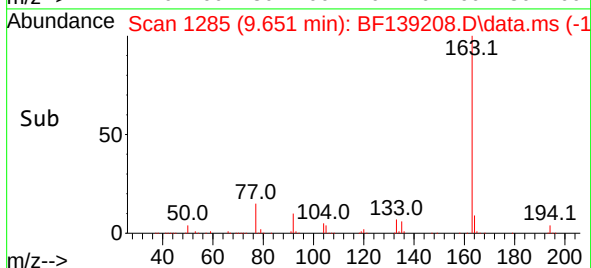
Tgt Ion:152 Resp: 678245  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.4 24.6  
153 13.1 10.5 15.7

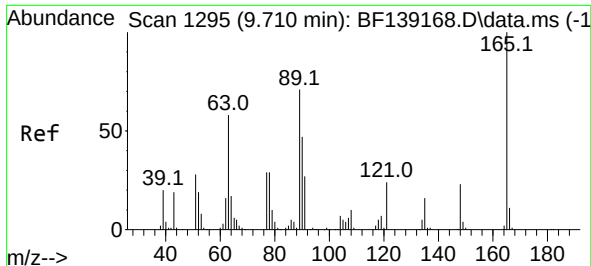


#50  
Dimethylphthalate  
Concen: 53.806 ng  
RT: 9.651 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51



Tgt Ion:163 Resp: 527483  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.0 8.1 12.1

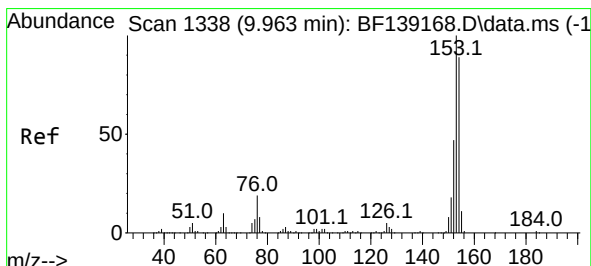
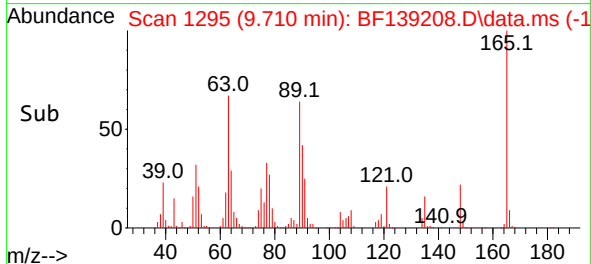
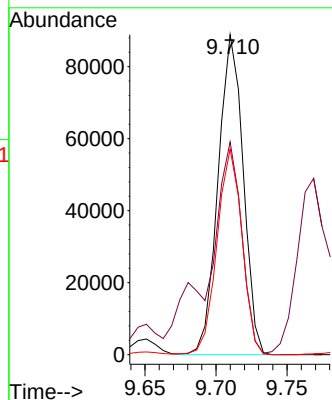
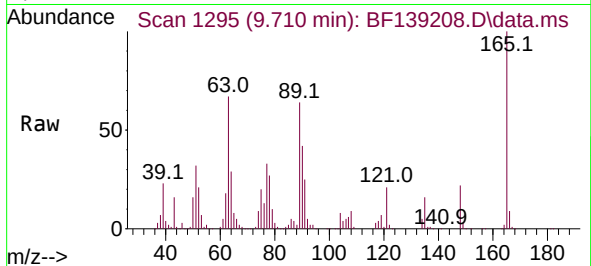




#51  
2,6-Dinitrotoluene  
Concen: 51.686 ng  
RT: 9.710 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

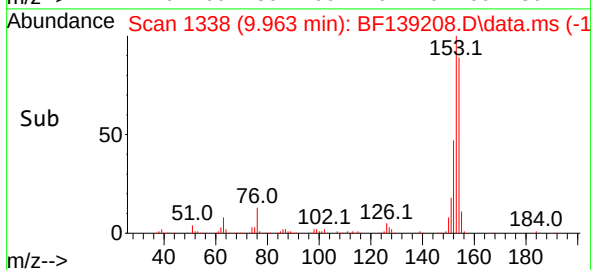
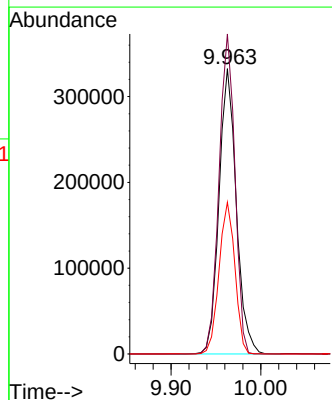
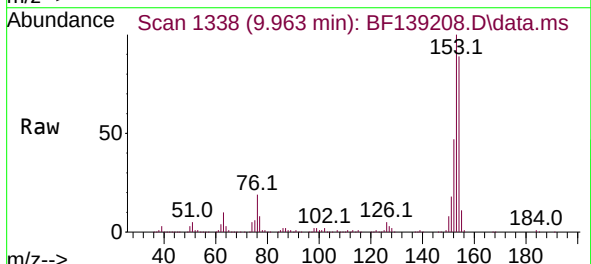
Instrument :  
BNA\_F  
ClientSampleId :  
P-5-COMPOSITEMS

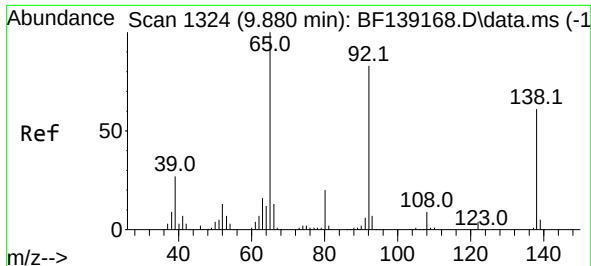
Tgt Ion:165 Resp: 109390  
Ion Ratio Lower Upper  
165 100  
63 66.5 60.1 90.1  
89 64.3 57.0 85.6



#52  
Acenaphthene  
Concen: 49.088 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:154 Resp: 445289  
Ion Ratio Lower Upper  
154 100  
153 112.2 90.0 135.0  
152 53.2 42.4 63.6

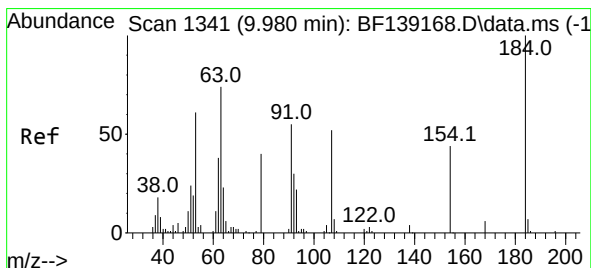
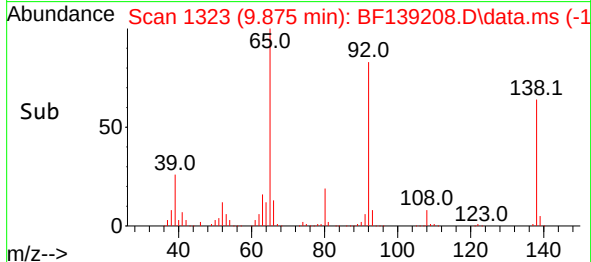
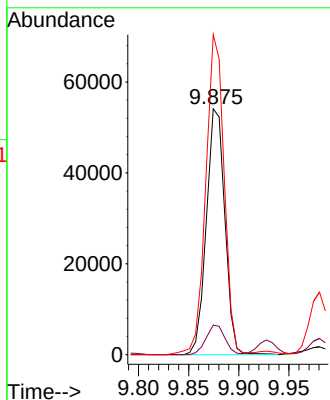
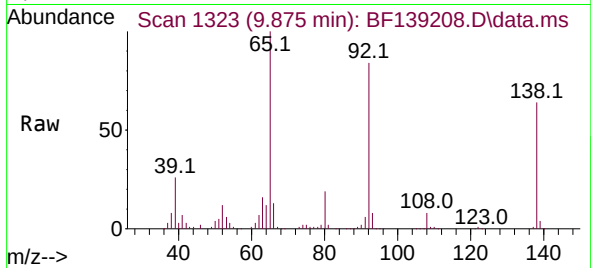




#53  
3-Nitroaniline  
Concen: 33.937 ng  
RT: 9.875 min Scan# 1323  
Delta R.T. -0.005 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

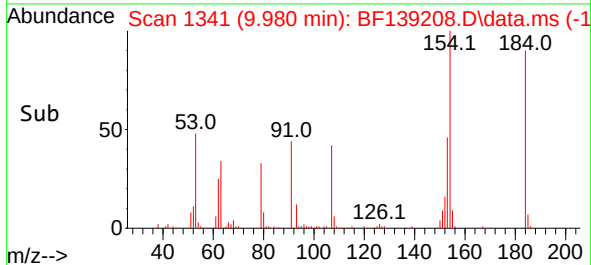
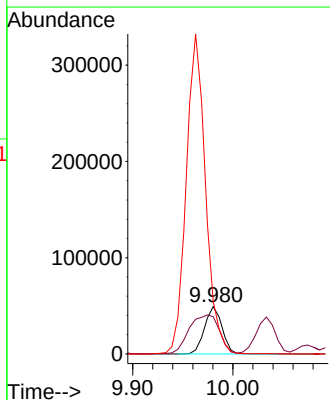
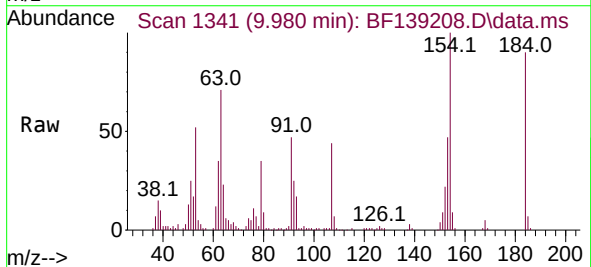
Instrument :  
BNA\_F  
ClientSampleId :  
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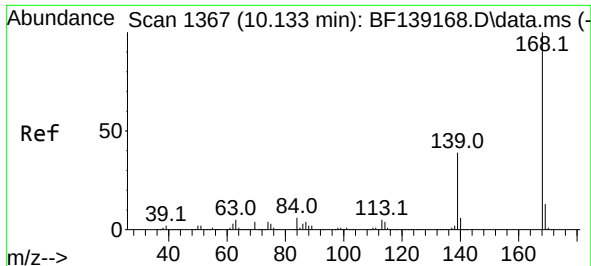
Tgt Ion:138 Resp: 69551  
Ion Ratio Lower Upper  
138 100  
108 12.0 11.8 17.6  
92 130.1 108.2 162.2



#54  
2,4-Dinitrophenol  
Concen: 66.650 ng  
RT: 9.980 min Scan# 1341  
Delta R.T. 0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:184 Resp: 59872  
Ion Ratio Lower Upper  
184 100  
63 78.7 72.1 108.1  
154 110.9 135.3 202.9#

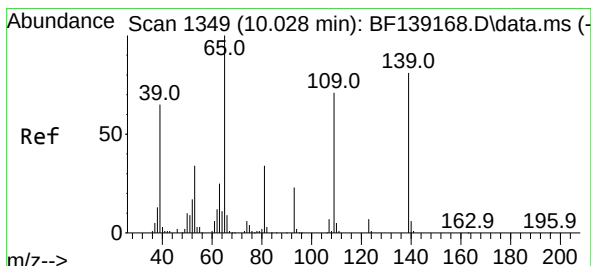
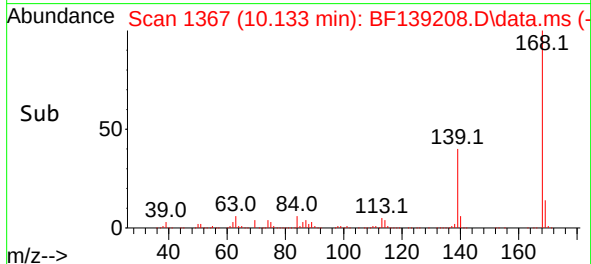
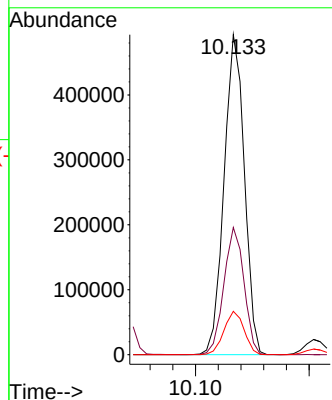
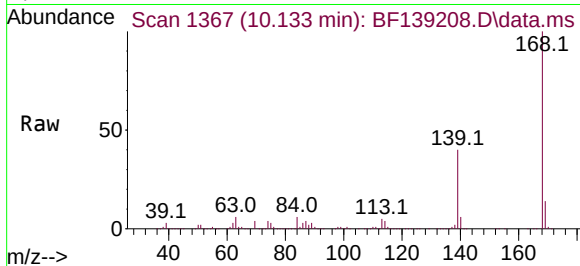




#55  
Dibenzenofuran  
Concen: 46.254 ng  
RT: 10.133 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

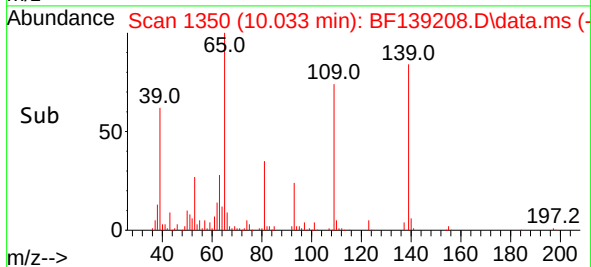
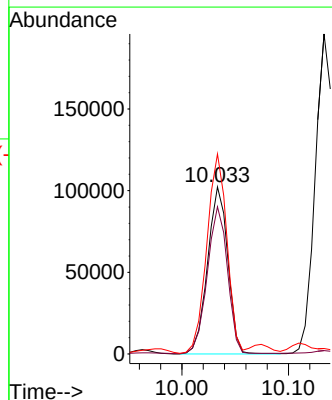
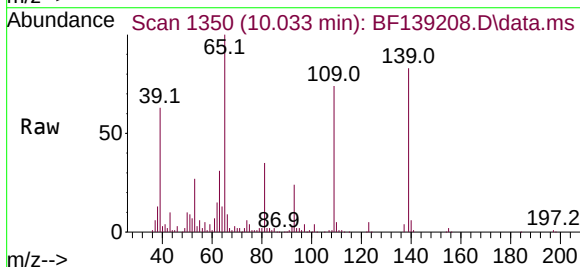
Instrument :  
BNA\_F  
ClientSampleId :  
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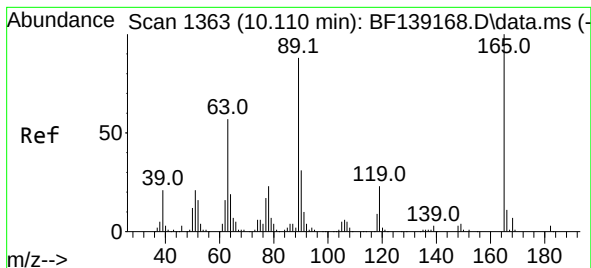
Tgt Ion:168 Resp: 612347  
Ion Ratio Lower Upper  
168 100  
139 39.8 31.5 47.3  
169 13.6 10.7 16.1



#56  
4-Nitrophenol  
Concen: 75.829 ng  
RT: 10.033 min Scan# 1350  
Delta R.T. 0.005 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:139 Resp: 135249  
Ion Ratio Lower Upper  
139 100  
109 88.2 68.2 108.2  
65 119.8 104.7 144.7

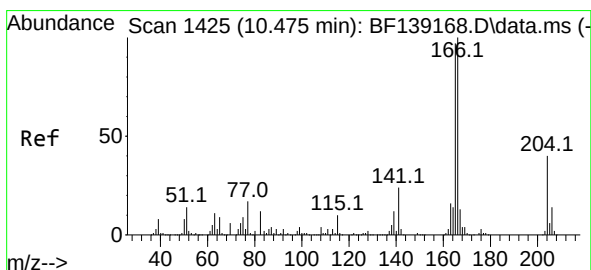
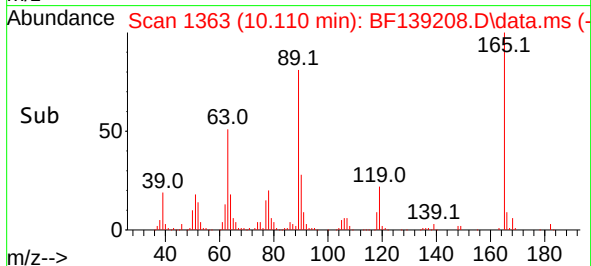
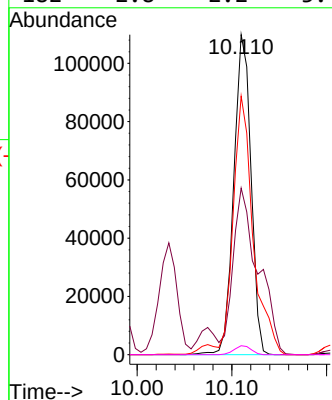
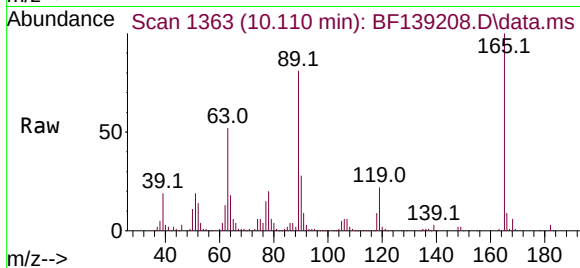




#57  
2,4-Dinitrotoluene  
Concen: 51.454 ng  
RT: 10.110 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

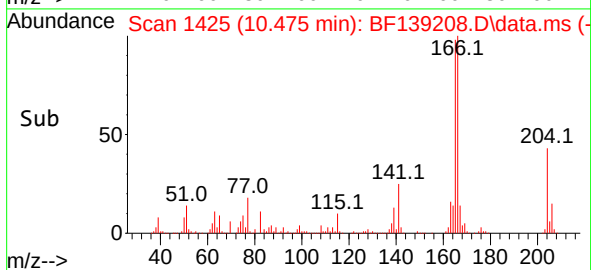
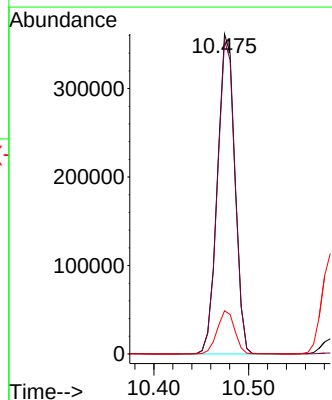
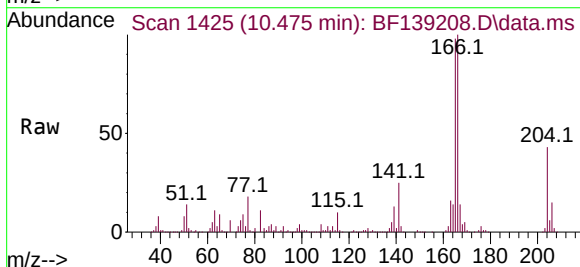
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:165 Resp: 138225  
Ion Ratio Lower Upper  
165 100  
63 52.0 46.2 69.2  
89 80.8 70.2 105.4  
182 2.8 2.2 3.4

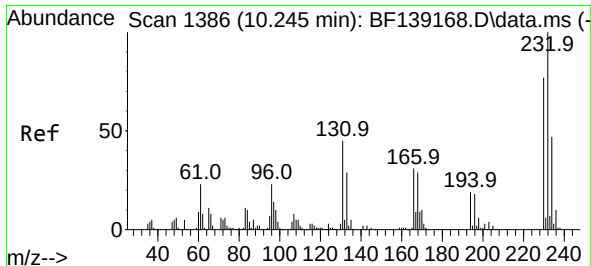


#58  
Fluorene  
Concen: 44.343 ng  
RT: 10.475 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:166 Resp: 463145  
Ion Ratio Lower Upper  
166 100  
165 98.0 77.8 116.8  
167 13.5 10.8 16.2







#59

2,3,4,6-Tetrachlorophenol

Concen: 50.784 ng

RT: 10.251 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

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Tgt Ion:232 Resp: 120080

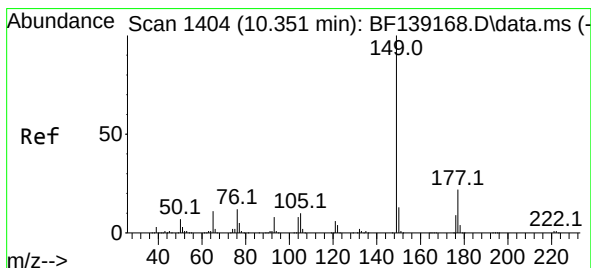
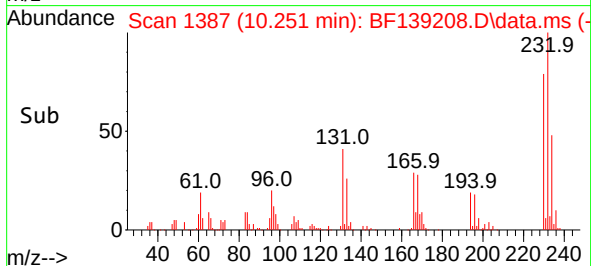
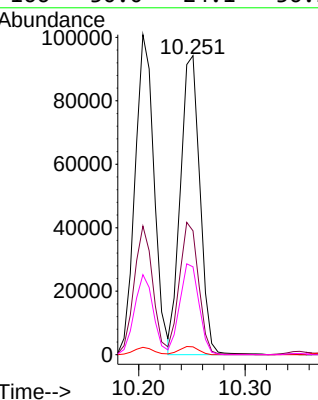
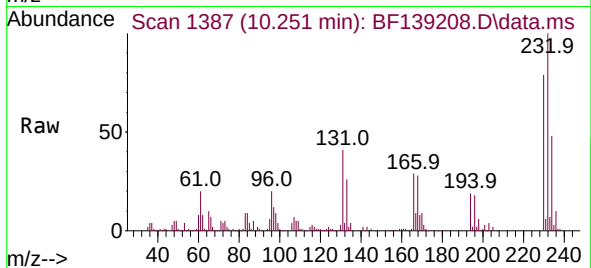
Ion Ratio Lower Upper

232 100

131 42.8 34.9 52.3

130 2.7 1.9 2.9

166 30.0 24.1 36.1



#60

Diethylphthalate

Concen: 52.862 ng

RT: 10.351 min Scan# 1404

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

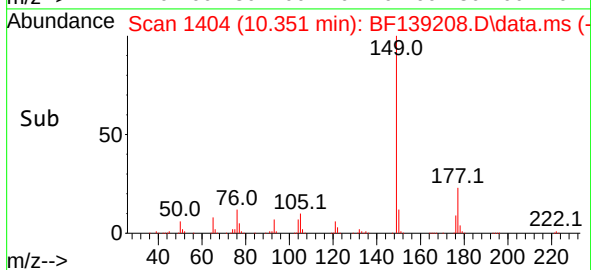
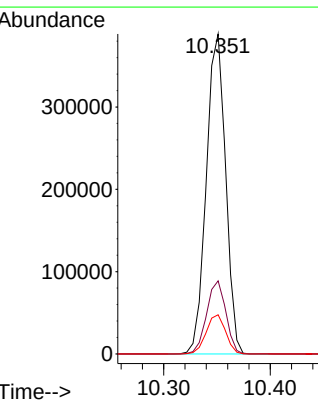
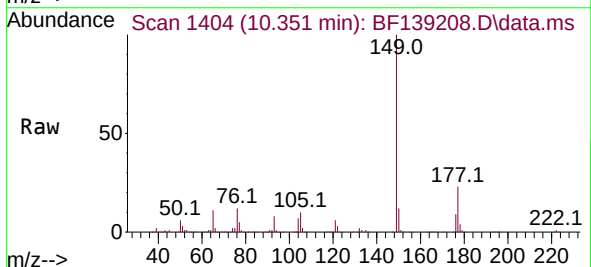
Tgt Ion:149 Resp: 487998

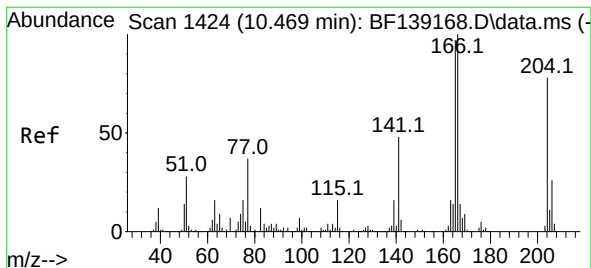
Ion Ratio Lower Upper

149 100

177 22.8 18.0 27.0

150 12.3 10.0 15.0

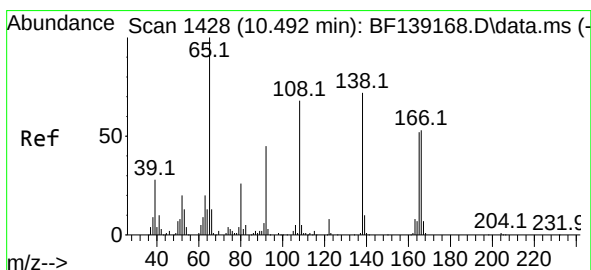
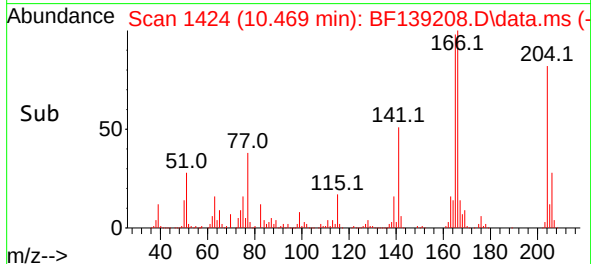
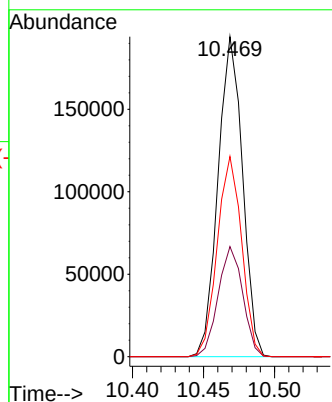
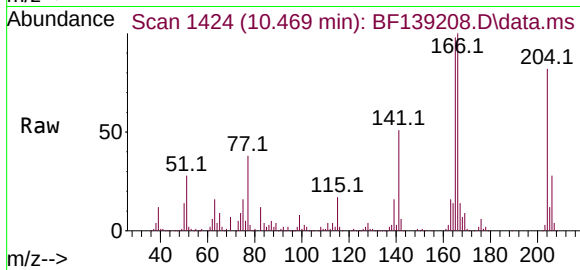




#61  
4-Chlorophenyl-phenylether  
Concen: 45.368 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

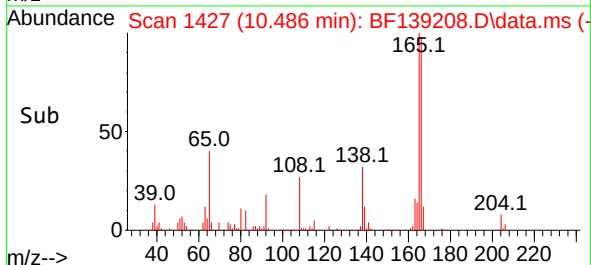
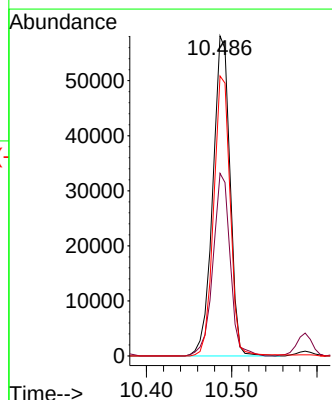
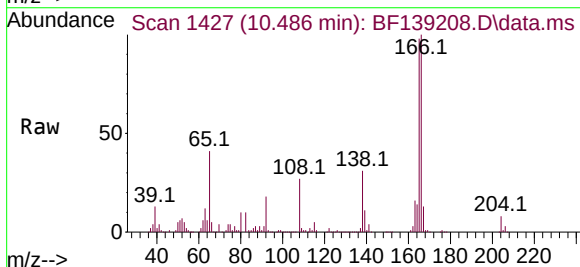
Instrument :  
BNA\_F  
ClientSampleId :  
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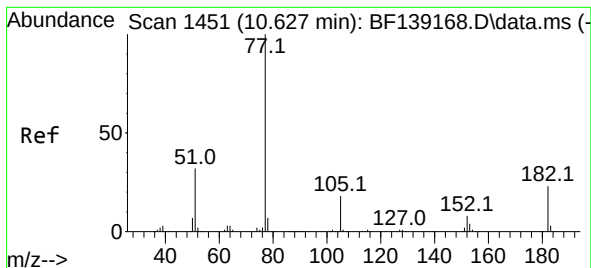
Tgt Ion:204 Resp: 232547  
Ion Ratio Lower Upper  
204 100  
206 34.4 27.0 40.4  
141 62.6 49.6 74.4



#62  
4-Nitroaniline  
Concen: 38.276 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:138 Resp: 81352  
Ion Ratio Lower Upper  
138 100  
92 57.1 42.4 82.4  
108 87.5 74.0 114.0





#63

Azobenzene

Concen: 45.464 ng

RT: 10.627 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

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Tgt Ion: 77 Resp: 510215

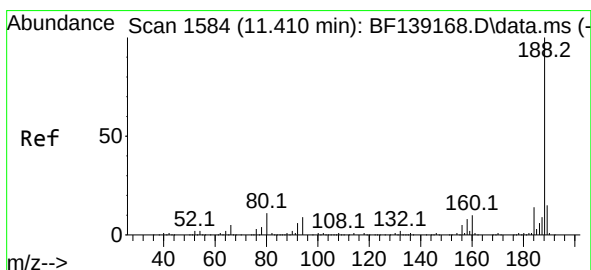
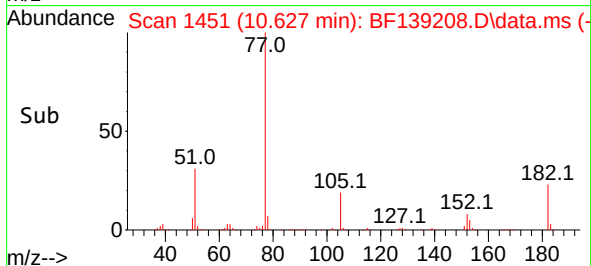
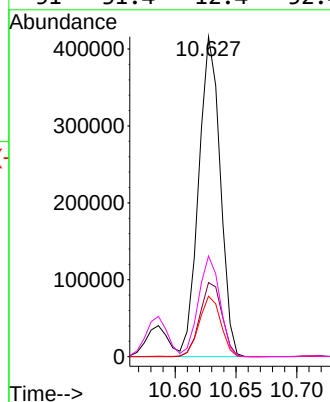
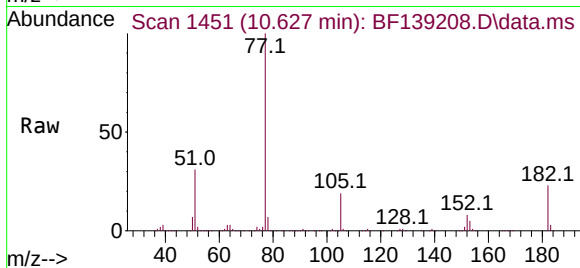
Ion Ratio Lower Upper

77 100

182 23.2 2.4 42.4

105 18.9 0.0 38.2

51 31.4 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

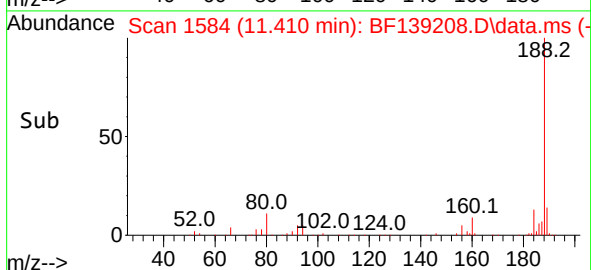
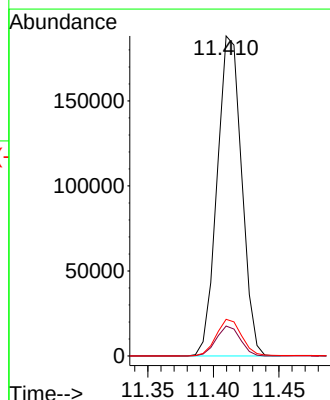
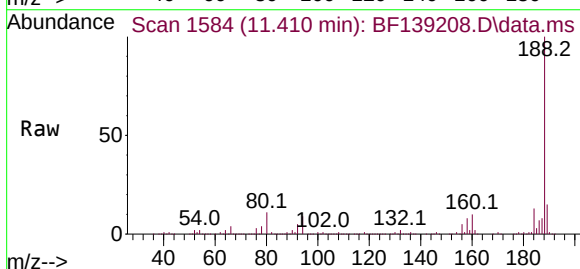
Tgt Ion:188 Resp: 244189

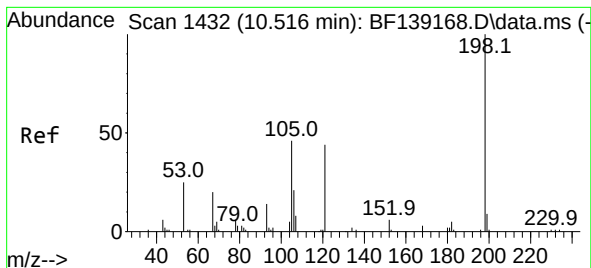
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 11.5 8.9 13.3

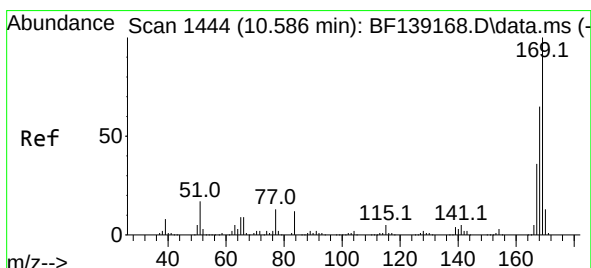
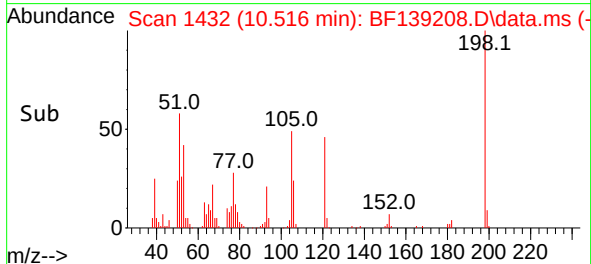
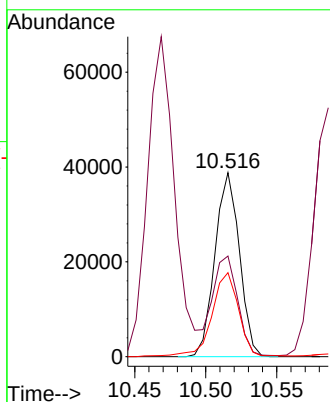
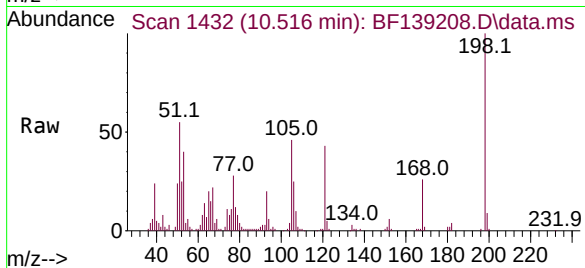




#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.326 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

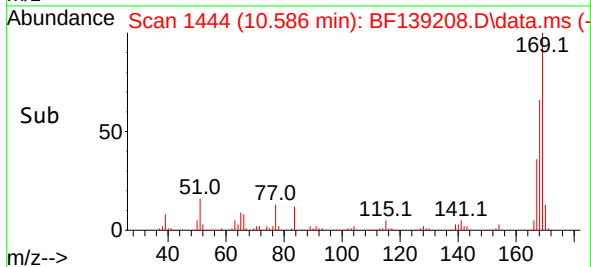
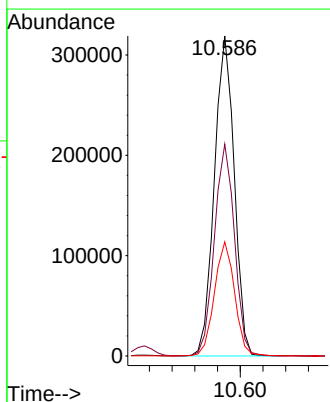
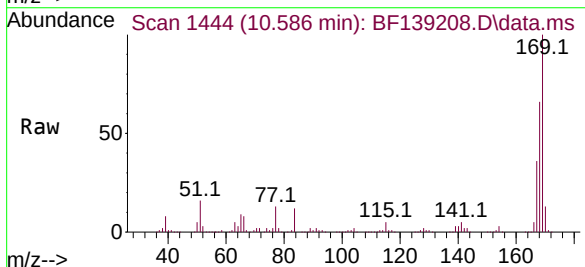
Instrument :  
BNA\_F  
ClientSampleId :  
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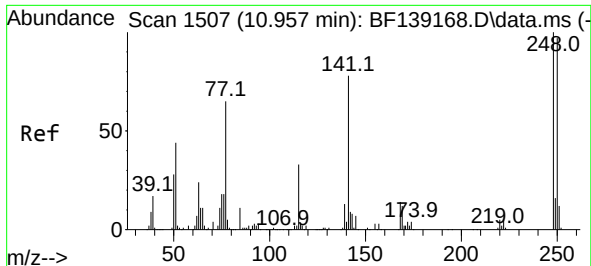
Tgt Ion:198 Resp: 46344  
Ion Ratio Lower Upper  
198 100  
51 54.7 39.2 79.2  
105 45.6 29.3 69.3



#66  
n-Nitrosodiphenylamine  
Concen: 53.695 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:169 Resp: 388319  
Ion Ratio Lower Upper  
169 100  
168 66.2 52.3 78.5  
167 35.6 29.0 43.4





#67

4-Bromophenyl-phenylether

Concen: 52.661 ng

RT: 10.957 min Scan# 1507

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

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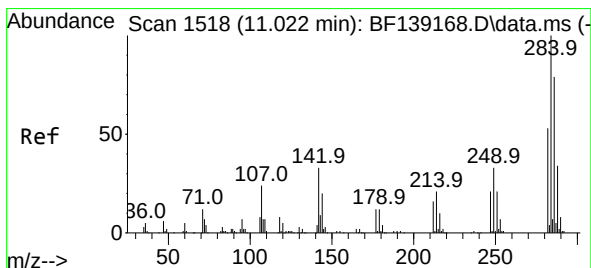
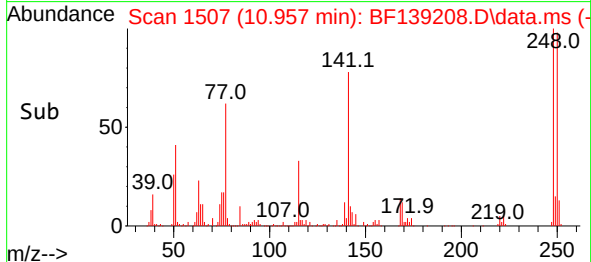
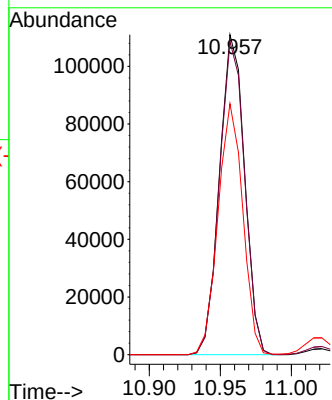
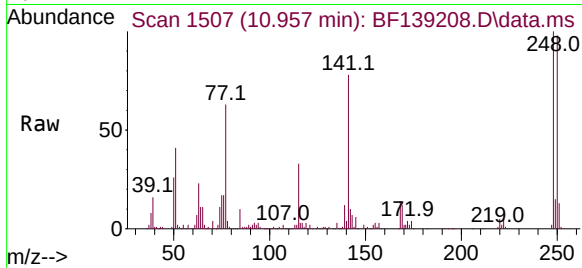
Tgt Ion:248 Resp: 136633

Ion Ratio Lower Upper

248 100

250 97.9 78.0 117.0

141 78.4 62.6 94.0



#68

Hexachlorobenzene

Concen: 50.429 ng

RT: 11.022 min Scan# 1518

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

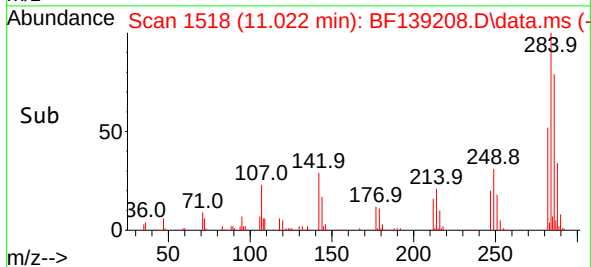
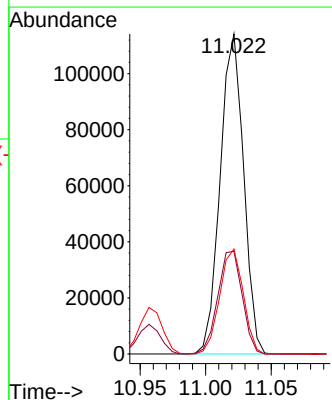
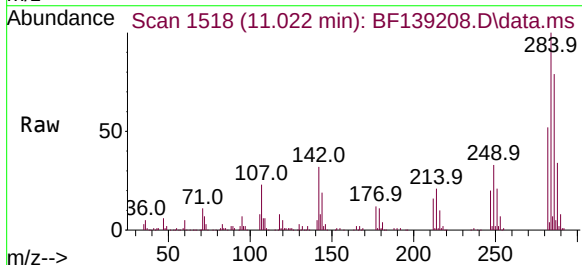
Tgt Ion:284 Resp: 141599

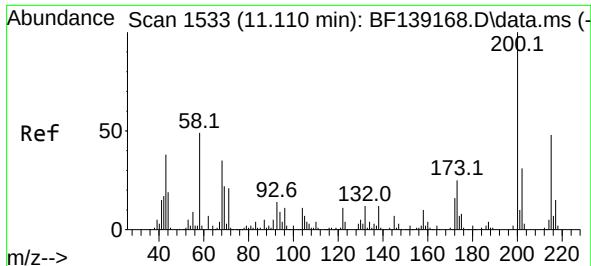
Ion Ratio Lower Upper

284 100

142 32.1 26.6 40.0

249 32.8 26.5 39.7

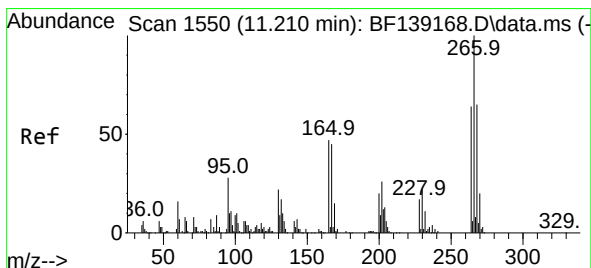
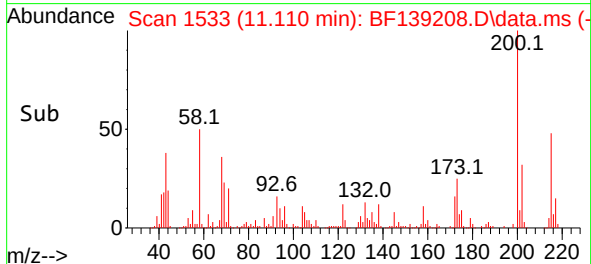
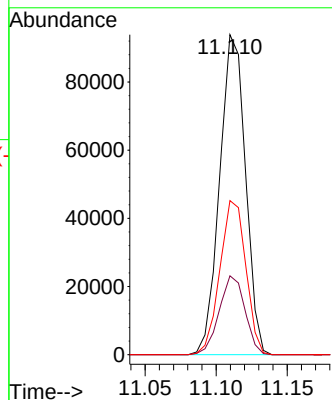
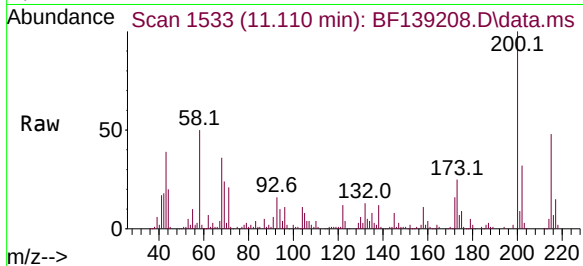




#69  
Atrazine  
Concen: 75.180 ng  
RT: 11.110 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

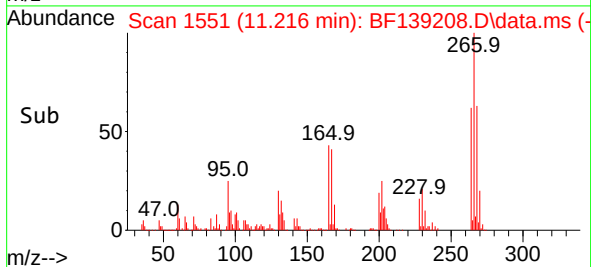
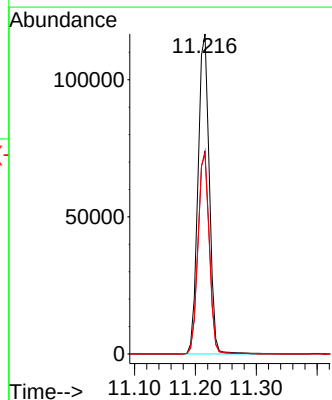
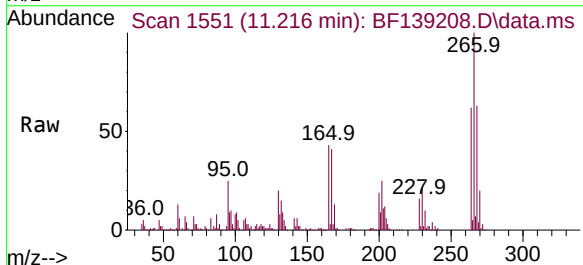
Instrument :  
BNA\_F  
ClientSampleId :  
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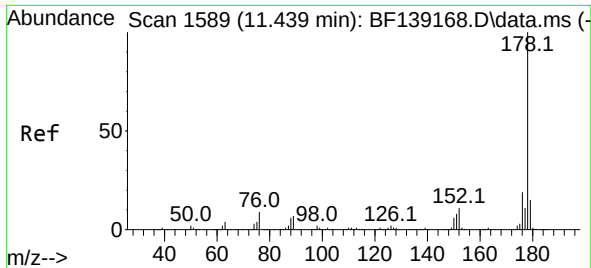
Tgt Ion:200 Resp: 118589  
Ion Ratio Lower Upper  
200 100  
173 24.6 4.7 44.7  
215 48.1 28.2 68.2



#70  
Pentachlorophenol  
Concen: 91.281 ng  
RT: 11.216 min Scan# 1551  
Delta R.T. 0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:266 Resp: 150479  
Ion Ratio Lower Upper  
266 100  
268 63.4 51.8 77.8  
264 62.4 51.0 76.6

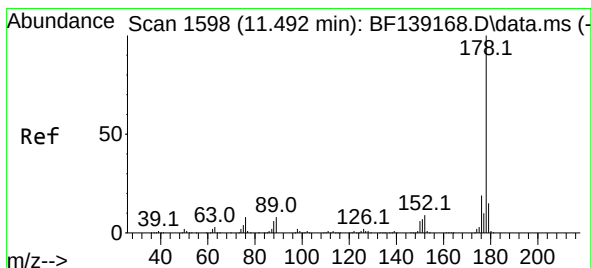
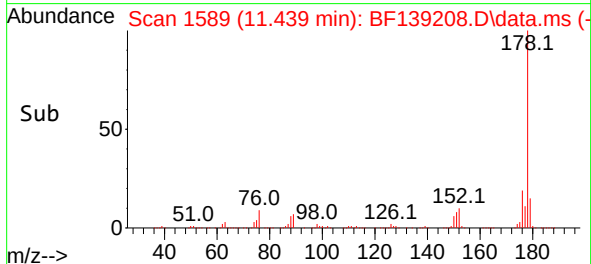
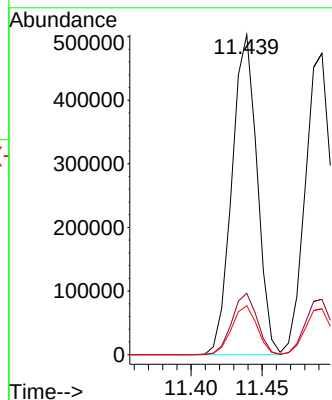
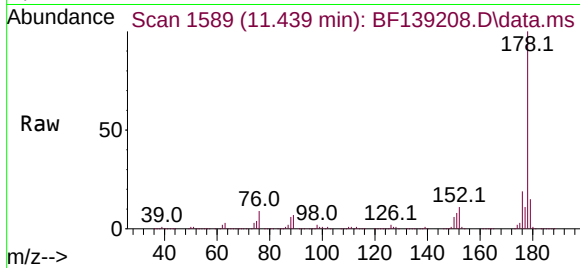




#71  
Phenanthrene  
Concen: 50.411 ng  
RT: 11.439 min Scan# 1589  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

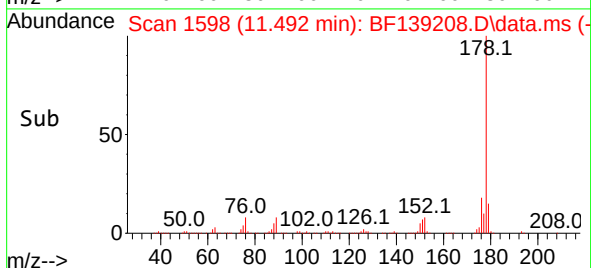
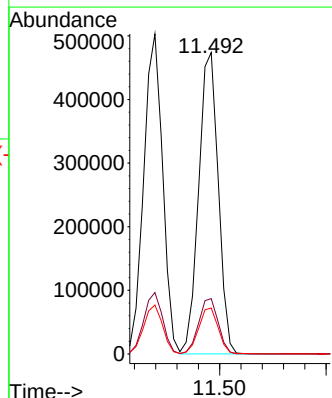
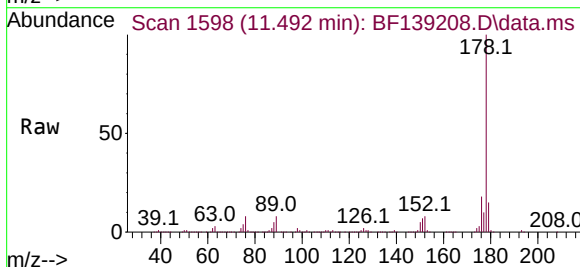
Instrument :  
BNA\_F  
ClientSampleId :  
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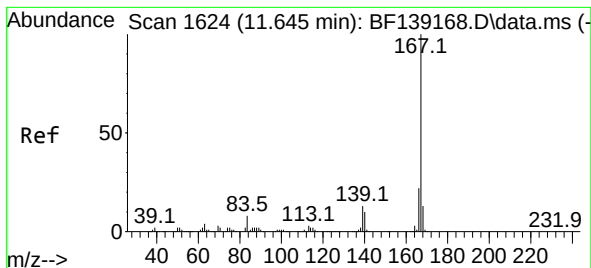
Tgt Ion:178 Resp: 622058  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.3 12.2 18.4



#72  
Anthracene  
Concen: 50.345 ng  
RT: 11.492 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:178 Resp: 605577  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.0 22.4  
179 15.2 12.3 18.5





#73

Carbazole

Concen: 44.381 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

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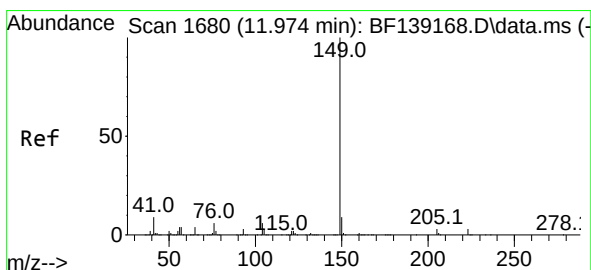
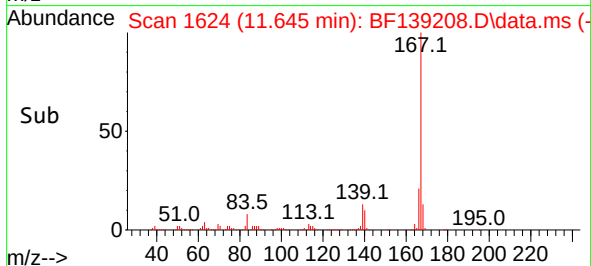
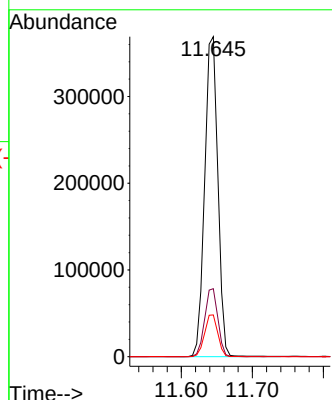
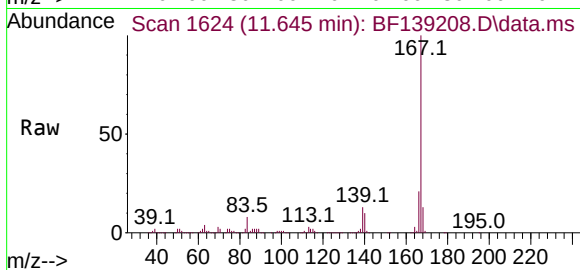
Tgt Ion:167 Resp: 477553

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 65.342 ng

RT: 11.974 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

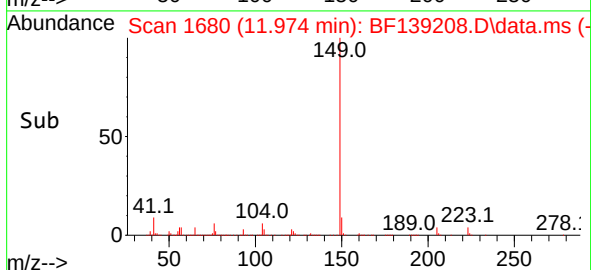
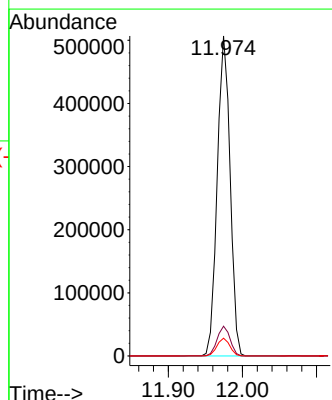
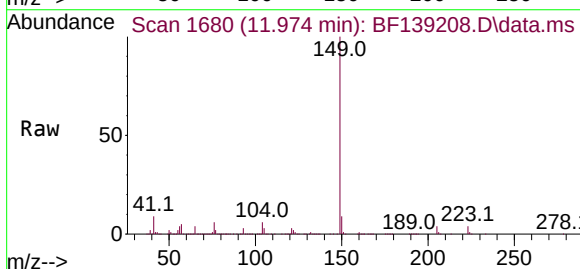
Tgt Ion:149 Resp: 609386

Ion Ratio Lower Upper

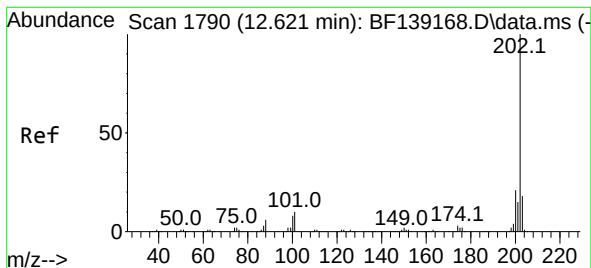
149 100

150 9.3 7.3 10.9

104 5.5 4.4 6.6



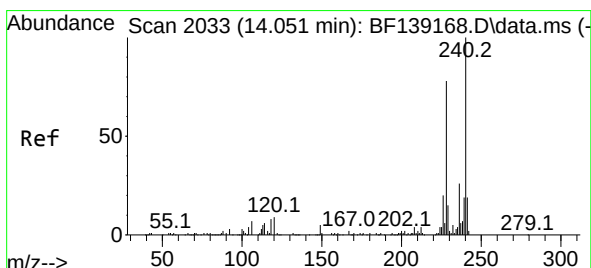
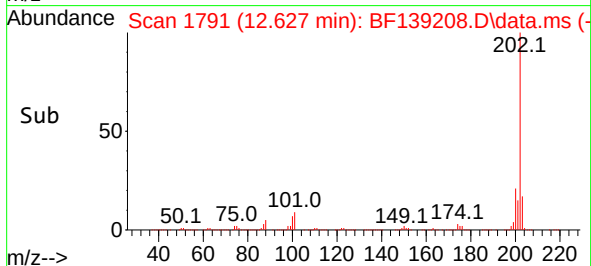
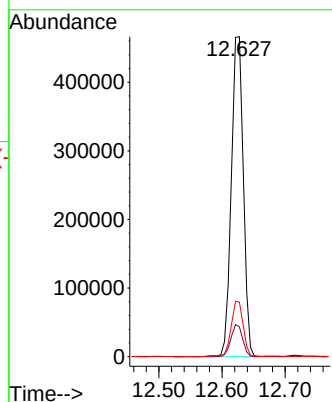
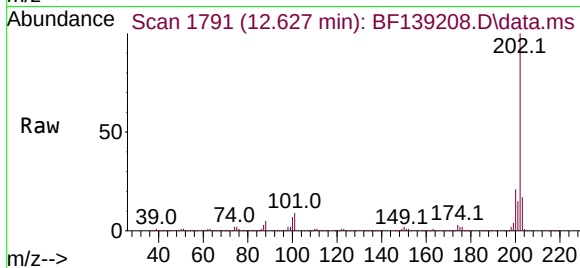




#75  
Fluoranthene  
Concen: 51.415 ng  
RT: 12.627 min Scan# 1790  
Delta R.T. 0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

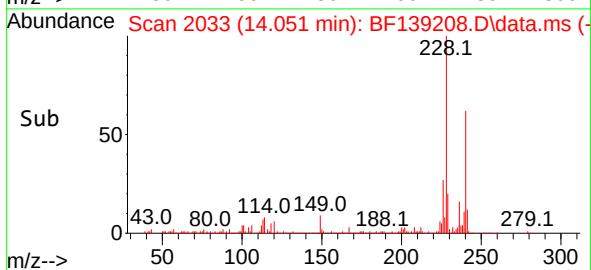
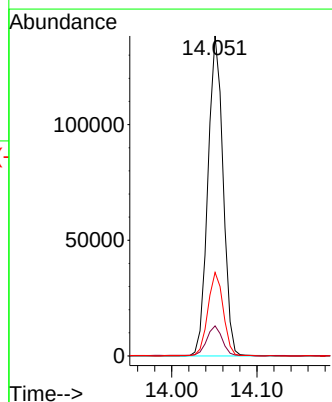
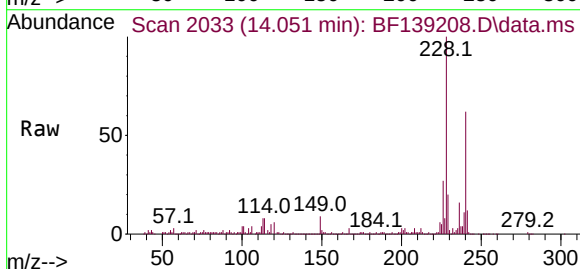
Instrument :  
BNA\_F  
ClientSampleId :  
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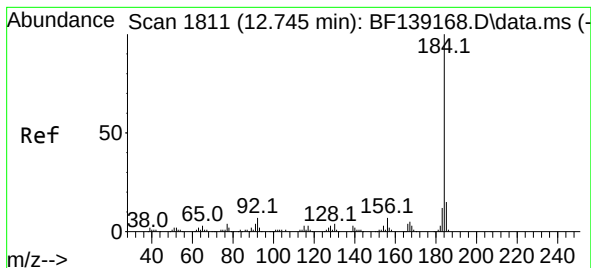
Tgt Ion:202 Resp: 615696  
Ion Ratio Lower Upper  
202 100  
101 9.3 0.0 30.1  
203 17.1 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:240 Resp: 170859  
Ion Ratio Lower Upper  
240 100  
120 9.4 6.9 10.3  
236 26.1 20.9 31.3





#77

Benzidine

Concen: 37.607 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

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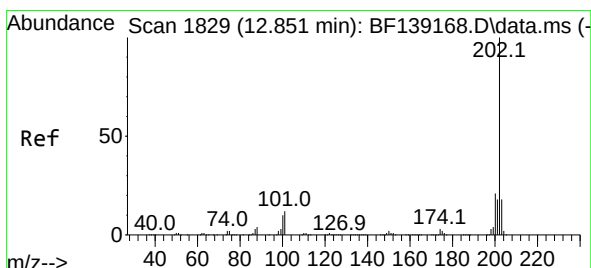
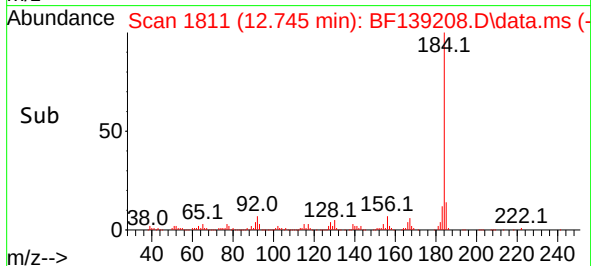
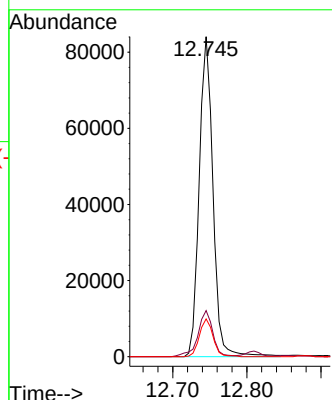
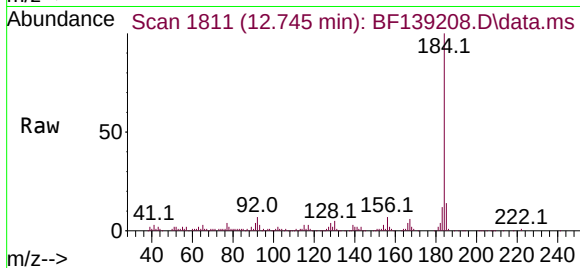
Tgt Ion:184 Resp: 108428

Ion Ratio Lower Upper

184 100

185 14.4 12.1 18.1

183 11.8 9.4 14.0



#78

Pyrene

Concen: 38.535 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

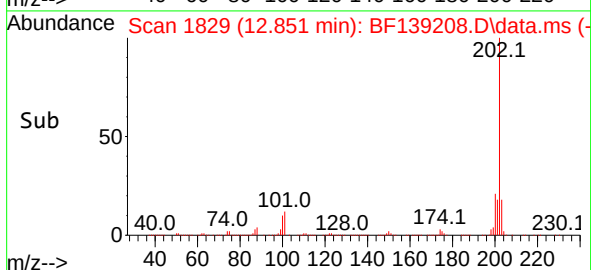
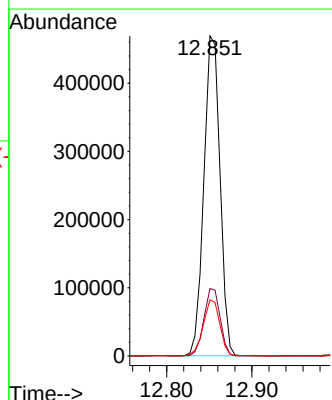
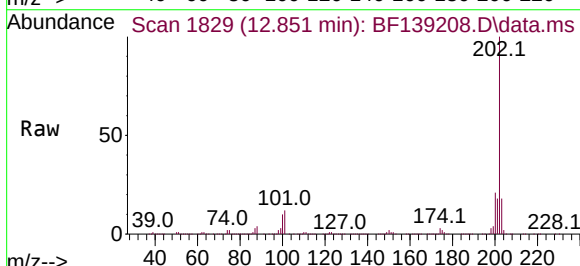
Tgt Ion:202 Resp: 618457

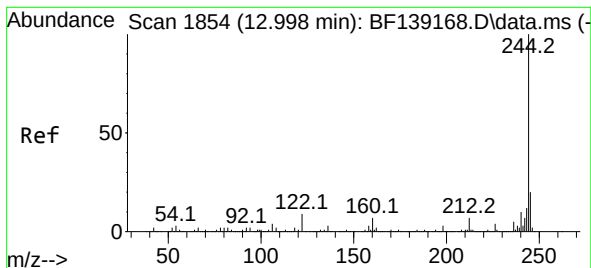
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 45.688 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

P-5-COMPOSITEMS

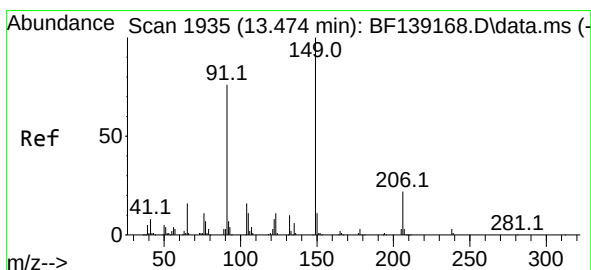
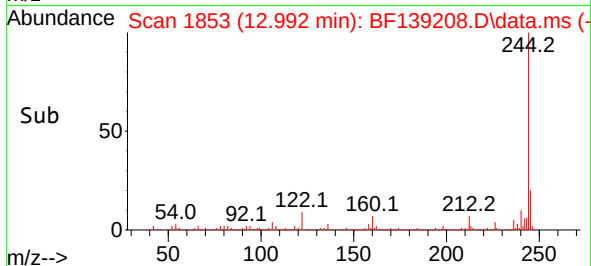
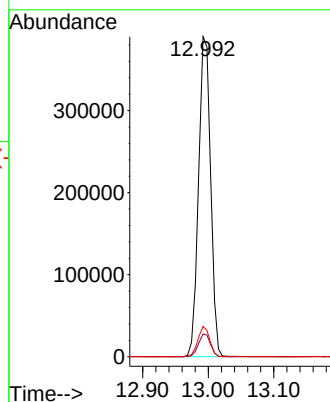
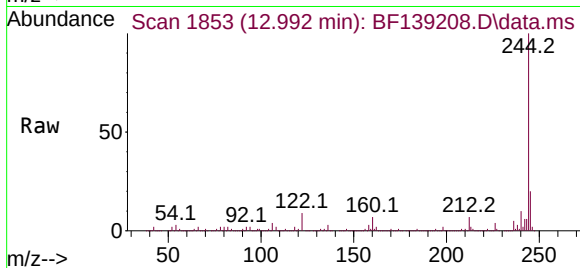
Tgt Ion:244 Resp: 500293

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.4 7.6 11.4



#80

Butylbenzylphthalate

Concen: 66.762 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

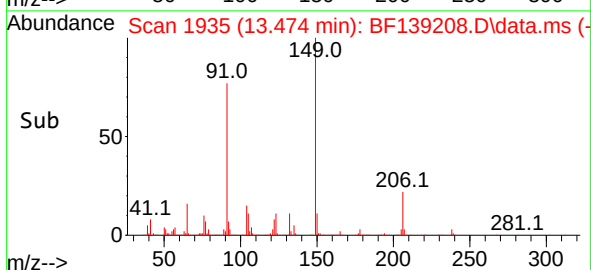
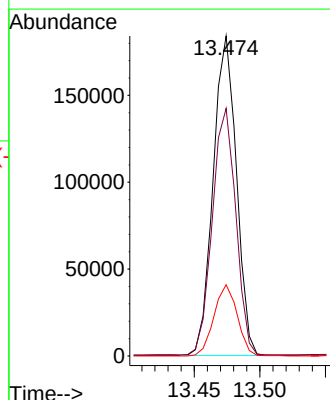
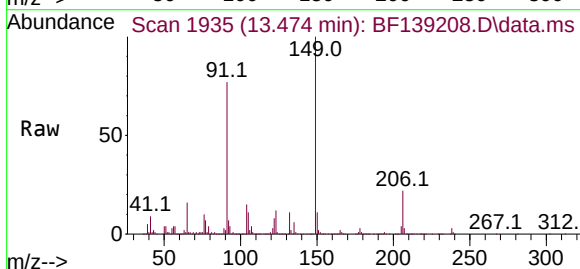
Tgt Ion:149 Resp: 226490

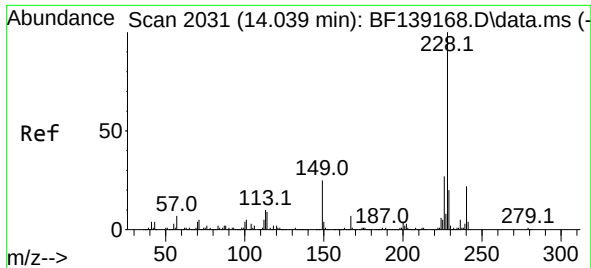
Ion Ratio Lower Upper

149 100

91 77.3 60.9 91.3

206 22.2 17.7 26.5

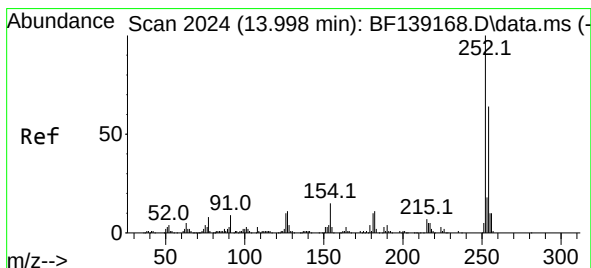
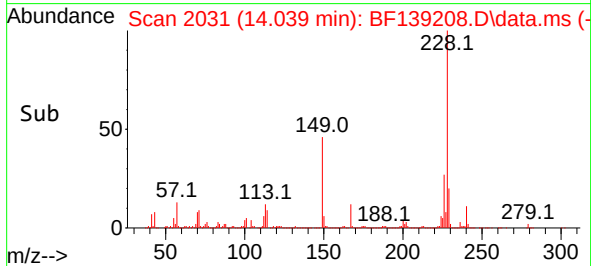
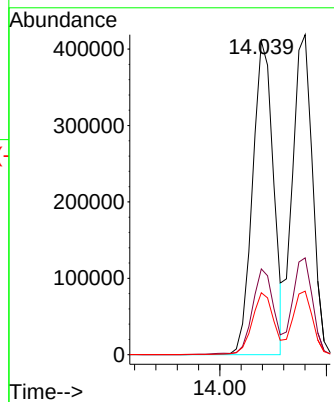
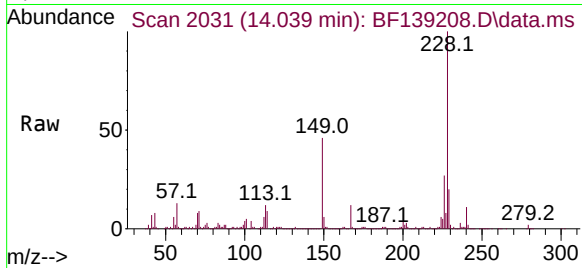




#81  
Benzo(a)anthracene  
Concen: 49.277 ng  
RT: 14.039 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

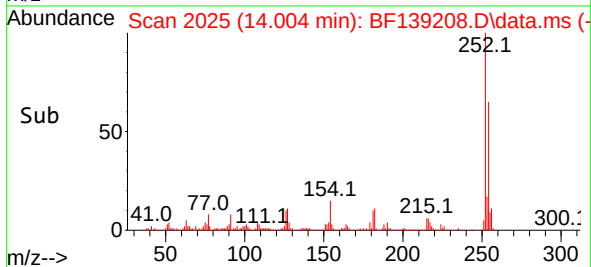
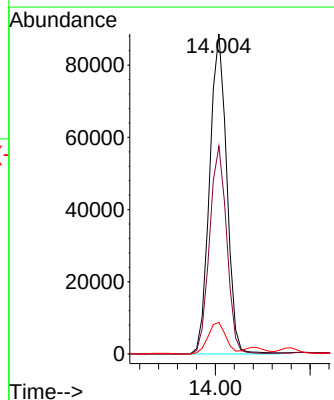
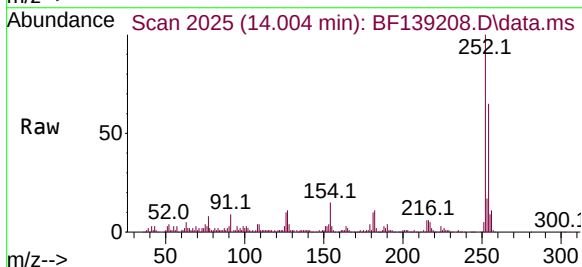
Instrument :  
BNA\_F  
ClientSampleId :  
P-5-COMPOSITEMS

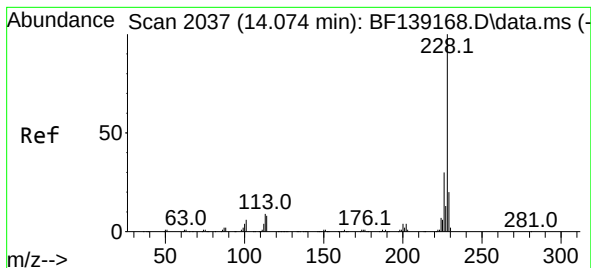
Tgt Ion:228 Resp: 557851  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.4 32.2  
229 19.7 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 42.092 ng  
RT: 14.004 min Scan# 2025  
Delta R.T. 0.006 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:252 Resp: 110944  
Ion Ratio Lower Upper  
252 100  
254 64.9 51.4 77.0  
126 9.9 8.2 12.2





#83

Chrysene

Concen: 52.978 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

P-5-COMPOSITEMS

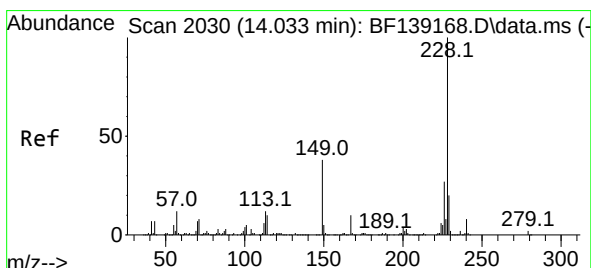
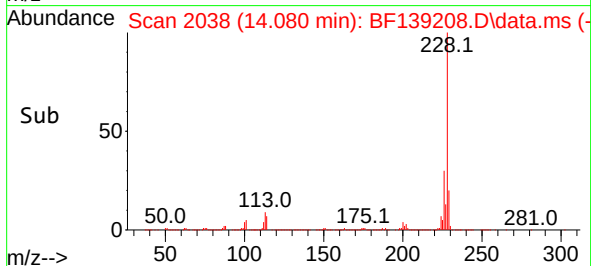
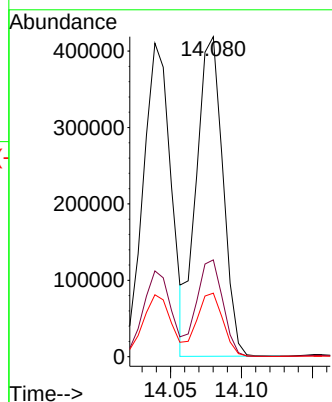
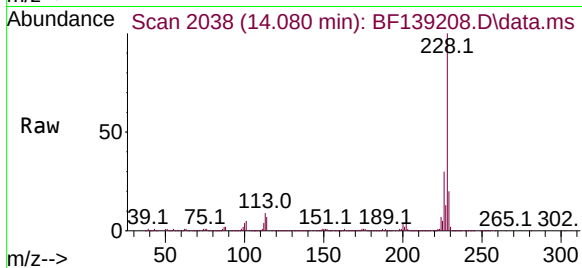
Tgt Ion:228 Resp: 541015

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.870 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

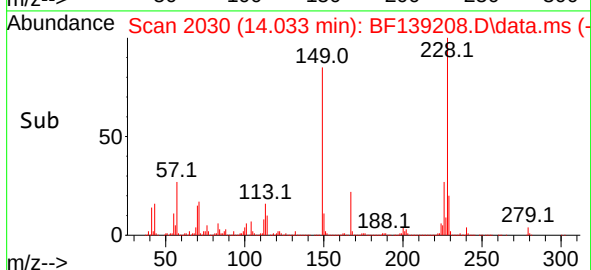
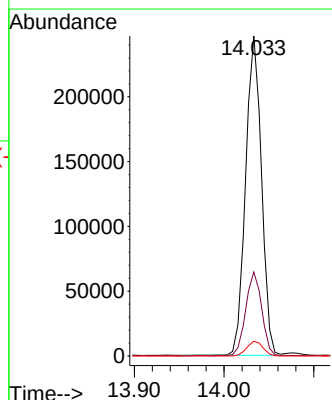
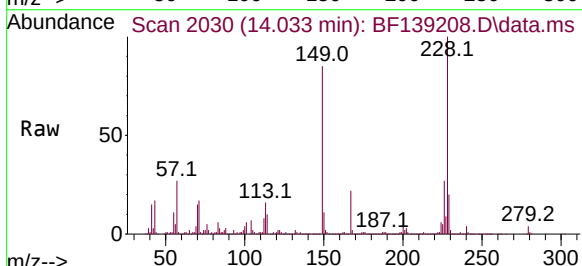
Tgt Ion:149 Resp: 302401

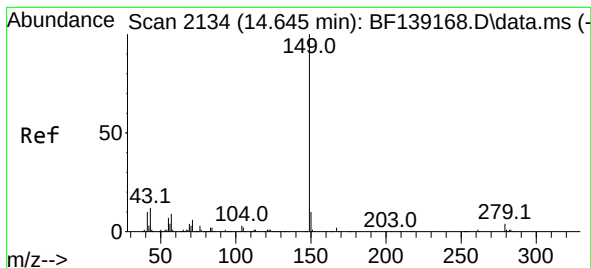
Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

279 4.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 64.786 ng

RT: 14.651 min Scan# 2135

Delta R.T. 0.006 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

P-5-COMPOSITEMS

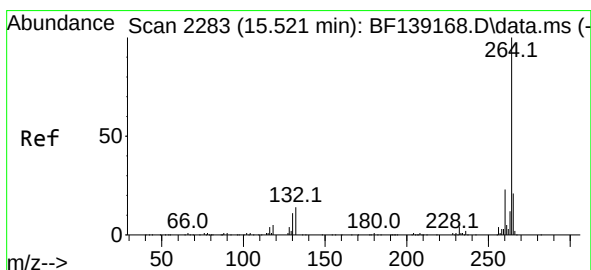
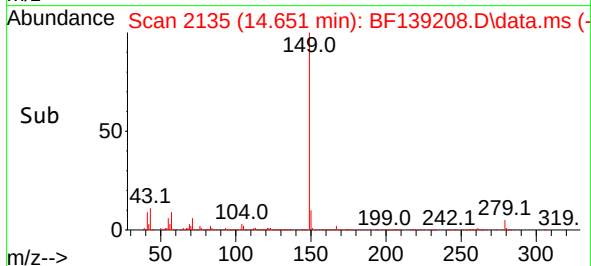
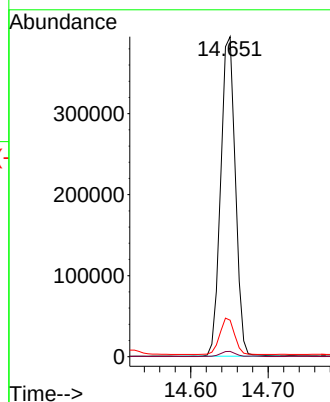
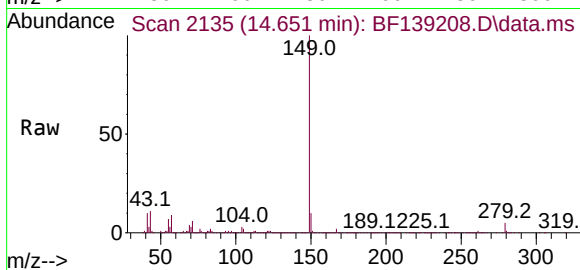
Tgt Ion:149 Resp: 519268

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.5 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

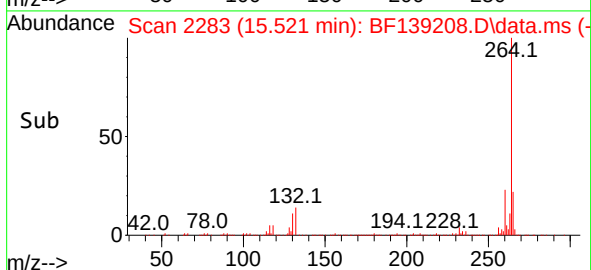
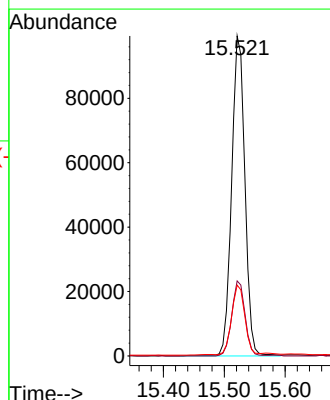
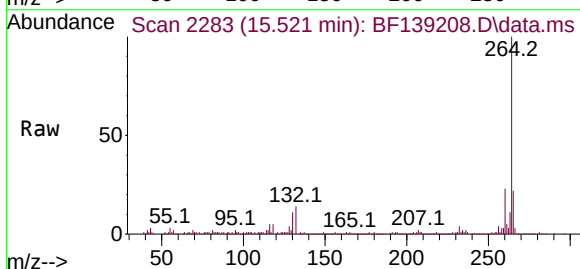
Tgt Ion:264 Resp: 150694

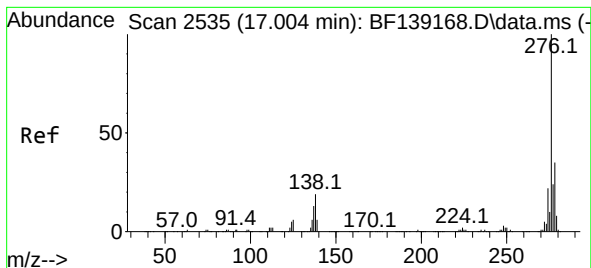
Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.875 ng

RT: 17.003 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

P-5-COMPOSITEMS

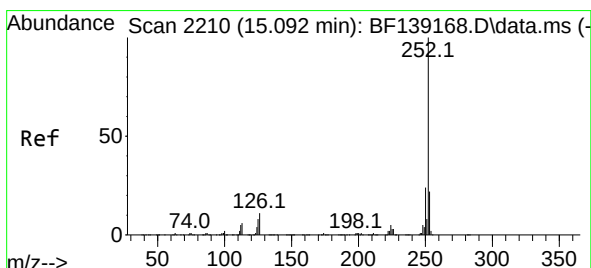
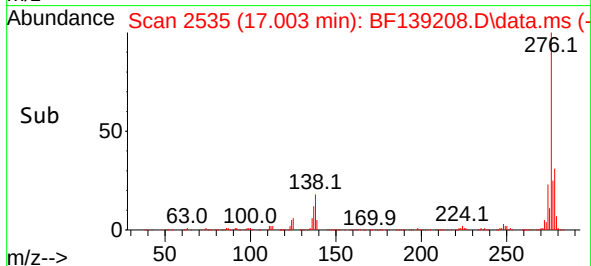
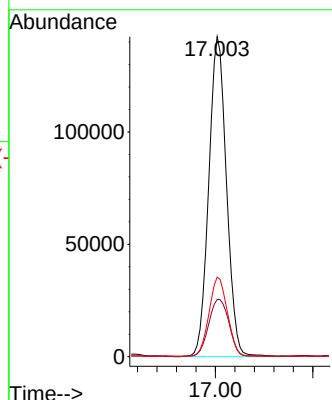
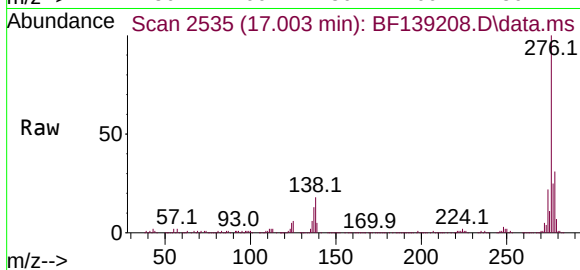
Tgt Ion:276 Resp: 359349

Ion Ratio Lower Upper

276 100

138 20.3 17.4 26.2

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 58.707 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

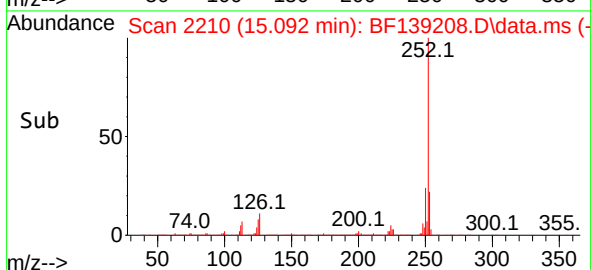
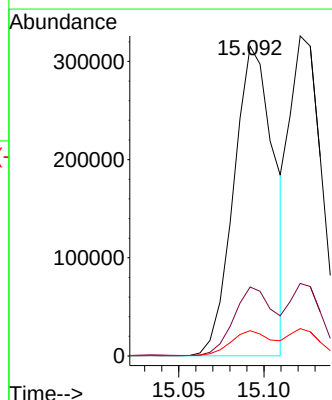
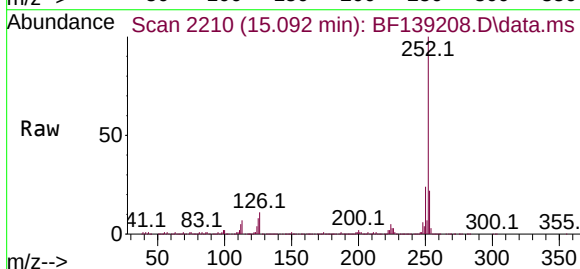
Tgt Ion:252 Resp: 517511

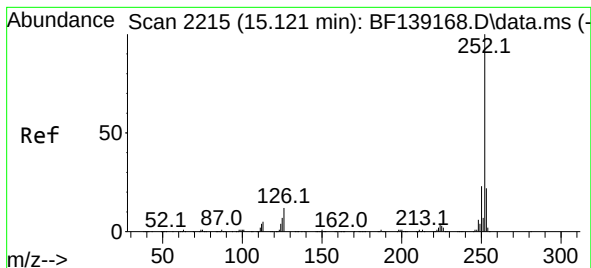
Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 8.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 52.762 ng

RT: 15.121 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

Instrument :

BNA\_F

ClientSampleId :

P-5-COMPOSITEMS

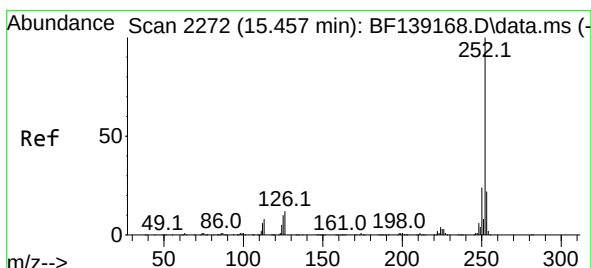
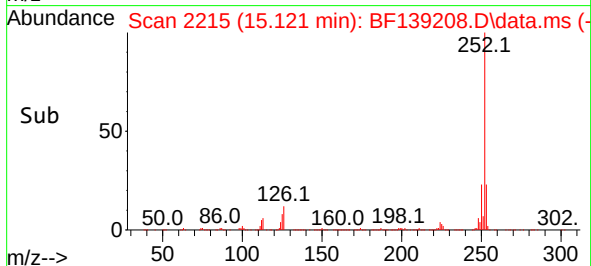
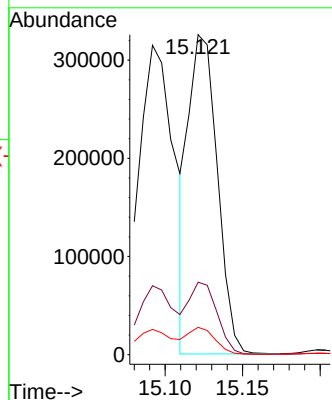
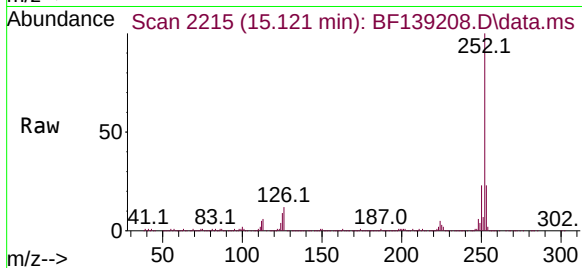
Tgt Ion:252 Resp: 420499

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 8.5 6.5 9.7



#90

Benzo(a)pyrene

Concen: 55.786 ng

RT: 15.462 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF139208.D

Acq: 28 Aug 2024 14:51

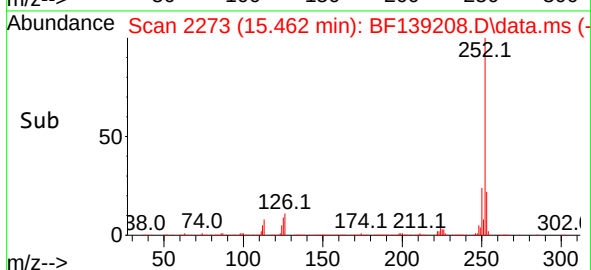
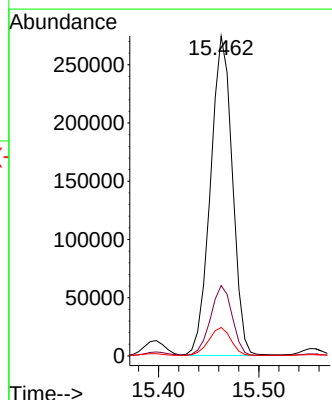
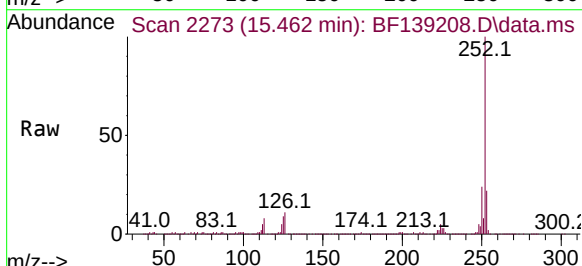
Tgt Ion:252 Resp: 417413

Ion Ratio Lower Upper

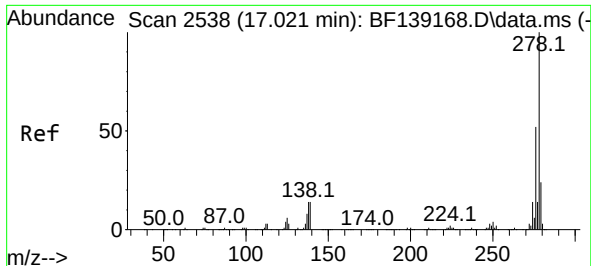
252 100

253 22.0 17.3 25.9

125 8.9 7.8 11.6



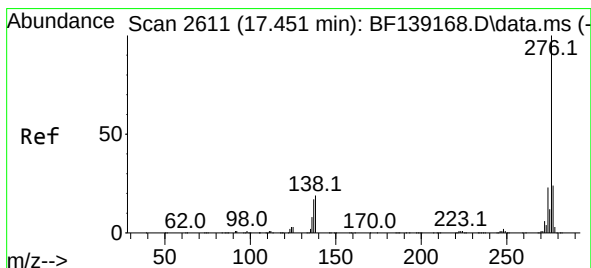
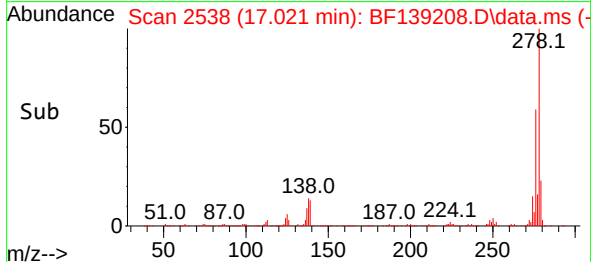
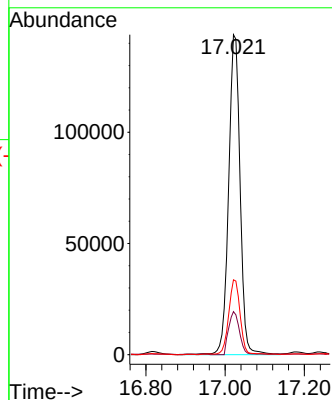
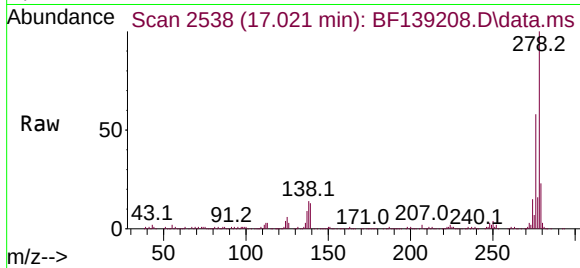




#91  
Dibenzo(a,h)anthracene  
Concen: 34.163 ng  
RT: 17.021 min Scan# 2538  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
P-5-COMPOSITEMS

Tgt Ion:278 Resp: 288516  
Ion Ratio Lower Upper  
278 100  
139 13.4 11.2 16.8  
279 23.4 19.4 29.2



#92  
Benzo(g,h,i)perylene  
Concen: 30.065 ng  
RT: 17.451 min Scan# 2611  
Delta R.T. -0.000 min  
Lab File: BF139208.D  
Acq: 28 Aug 2024 14:51

Tgt Ion:276 Resp: 262629  
Ion Ratio Lower Upper  
276 100  
277 22.7 19.0 28.6  
138 17.6 15.0 22.6

