

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100924\  
 Data File : BF139714.D  
 Acq On : 09 Oct 2024 11:11  
 Operator : RC/JU  
 Sample : PB163970BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163970BS

Quant Time: Oct 09 12:47:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 98382    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 380731   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 220033   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 414520   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 218763   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 184986   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 767007   | 135.127 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.504  | 99   | 1022037  | 133.893 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 674277   | 89.667  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 279158   | 131.427 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1251931  | 87.348  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 1343922  | 100.801 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.734  | 88   | 97881    | 39.886  | ng    | 98       |
| 3) Pyridine                   | 3.481  | 79   | 264927   | 44.388  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.440  | 42   | 176194   | 45.100  | ng    | 94       |
| 6) Aniline                    | 6.534  | 93   | 349915   | 51.659  | ng    | 97       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 300585   | 49.427  | ng    | 97       |
| 9) Benzaldehyde               | 6.416  | 77   | 98378    | 24.330  | ng    | 100      |
| 10) Phenol                    | 6.522  | 94   | 383030   | 47.721  | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 296756   | 45.409  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 308812   | 45.139  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 313951   | 45.310  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.034  | 146  | 300962   | 46.345  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.010  | 79   | 283302   | 48.575  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 537901   | 47.545  | ng    | 88       |
| 17) 2-Methylphenol            | 7.128  | 107  | 244822   | 48.223  | ng    | 96       |
| 18) Hexachloroethane          | 7.375  | 117  | 116374   | 45.029  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 224657   | 45.778  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 307204   | 48.175  | ng    | 95       |
| 22) Acetophenone              | 7.275  | 105  | 412011   | 45.590  | ng    | 98       |
| 24) Nitrobenzene              | 7.451  | 77   | 346641   | 44.517  | ng    | 99       |
| 25) Isophorone                | 7.692  | 82   | 628126   | 47.029  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 161758   | 48.322  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 249371   | 60.852  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 370219   | 46.420  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 256848   | 48.052  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 263796   | 43.639  | ng    | 99       |
| 31) Naphthalene               | 8.169  | 128  | 891825   | 45.814  | ng    | 99       |
| 32) Benzoic acid              | 7.939  | 122  | 192075   | 47.136  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 184899   | 28.061  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.286  | 225  | 172334   | 44.054  | ng    | 99       |
| 35) Caprolactam               | 8.598  | 113  | 53802    | 30.688  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 287273   | 47.477  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 585948   | 46.217  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 545378   | 44.008  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 274262   | 44.887  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.016  | 237  | 316400   | 168.883 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 189104   | 45.911  | ng    | 98       |

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 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 200800   | 45.206  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.328  | 154  | 736234   | 44.987  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 551382   | 44.942  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 208712   | 47.390  | ng    | 98       |
| 49) Acenaphthylene            | 9.769  | 152  | 904831   | 48.496  | ng    | 100      |
| 50) Dimethylphthalate         | 9.628  | 163  | 677845   | 47.061  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 147827   | 45.433  | ng    | 97       |
| 52) Acenaphthene              | 9.939  | 154  | 556977   | 43.484  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 116651   | 35.083  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 176402   | 100.798 | ng    | 97       |
| 55) Dibenzofuran              | 10.110 | 168  | 826245   | 46.072  | ng    | 100      |
| 56) 4-Nitrophenol             | 10.033 | 139  | 236329   | 93.204  | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 199276   | 46.856  | ng    | 99       |
| 58) Fluorene                  | 10.457 | 166  | 655659   | 45.902  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 173860   | 48.461  | ng    | 99       |
| 60) Diethylphthalate          | 10.328 | 149  | 692549   | 46.551  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 325515   | 45.551  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 158379   | 46.567  | ng    | 98       |
| 63) Azobenzene                | 10.604 | 77   | 694809   | 46.440  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 112814   | 48.188  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 579321   | 47.413  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 195736   | 46.054  | ng    | 99       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 214954   | 45.579  | ng    | 98       |
| 69) Atrazine                  | 11.092 | 200  | 188674   | 57.553  | ng    | 98       |
| 70) Pentachlorophenol         | 11.198 | 266  | 240211   | 85.539  | ng    | 98       |
| 71) Phenanthrene              | 11.422 | 178  | 927971   | 47.479  | ng    | 100      |
| 72) Anthracene                | 11.469 | 178  | 950725   | 49.169  | ng    | 100      |
| 73) Carbazole                 | 11.627 | 167  | 864219   | 46.536  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 1060440  | 46.957  | ng    | 100      |
| 75) Fluoranthene              | 12.604 | 202  | 982683   | 45.994  | ng    | 99       |
| 77) Benzidine                 | 12.727 | 184  | 318804   | 82.619  | ng    | 100      |
| 78) Pyrene                    | 12.833 | 202  | 989938   | 50.595  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 360232   | 51.472  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 693206   | 48.197  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 165405   | 37.577  | ng    | 98       |
| 83) Chrysene                  | 14.063 | 228  | 651226   | 49.525  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149  | 446457   | 51.087  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.615 | 149  | 631458   | 49.184  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.986 | 276  | 588300   | 54.033  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 521145   | 43.571  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 513275   | 50.589  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 486662   | 51.602  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 485358   | 53.746  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.433 | 276  | 453223   | 50.043  | ng    | 99       |

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

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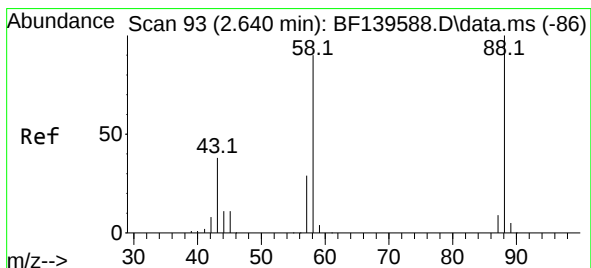
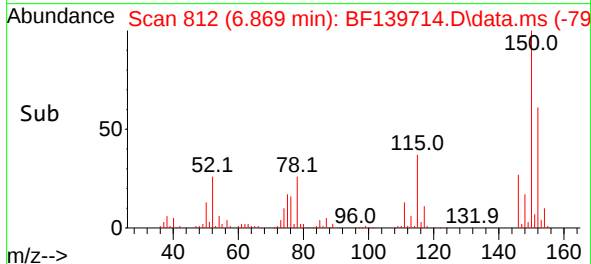
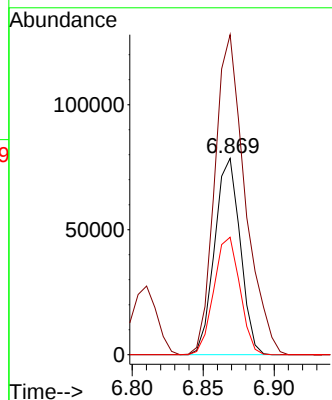
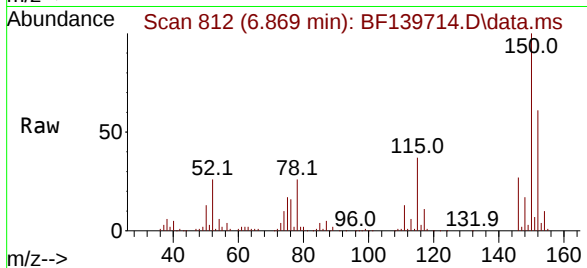




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.869 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF139714.D  
 Acq: 09 Oct 2024 11:11

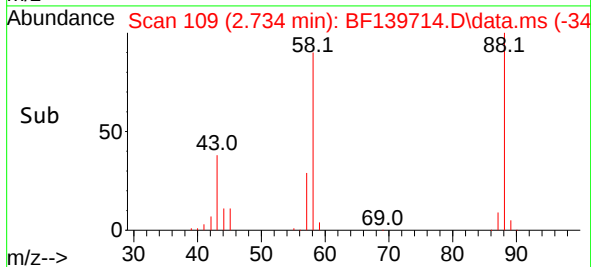
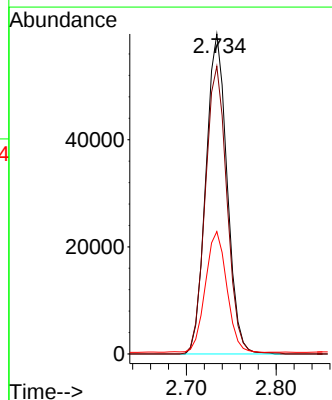
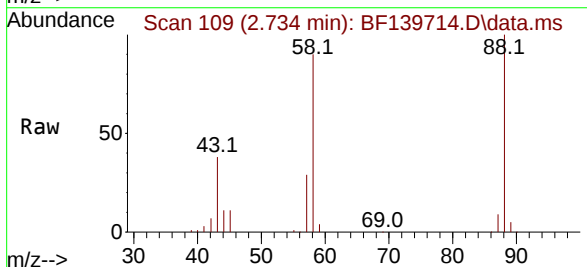
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163970BS

Tgt Ion:152 Resp: 98382  
 Ion Ratio Lower Upper  
 152 100  
 150 163.0 127.2 190.8  
 115 59.8 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 39.886 ng  
 RT: 2.734 min Scan# 109  
 Delta R.T. 0.094 min  
 Lab File: BF139714.D  
 Acq: 09 Oct 2024 11:11

Tgt Ion: 88 Resp: 97881  
 Ion Ratio Lower Upper  
 88 100  
 58 92.0 72.0 108.0  
 43 38.2 30.8 46.2





#3

Pyridine

Concen: 44.388 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

PB163970BS

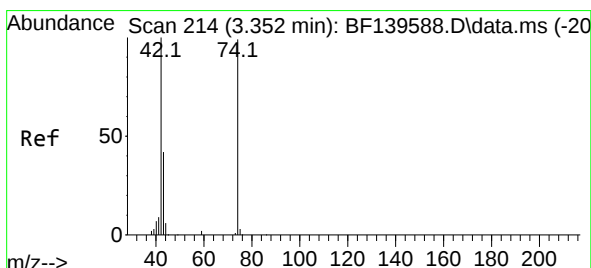
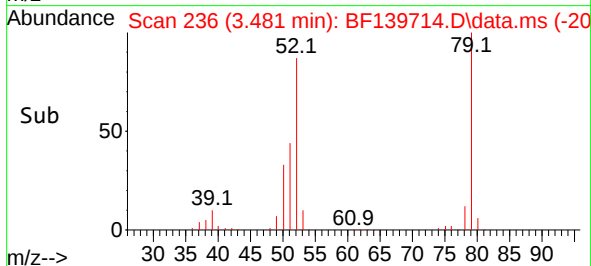
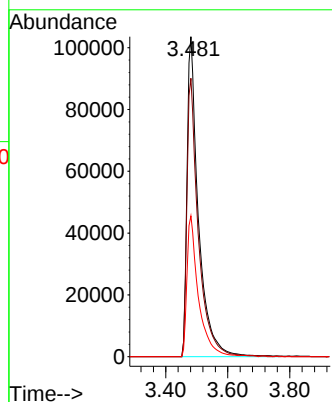
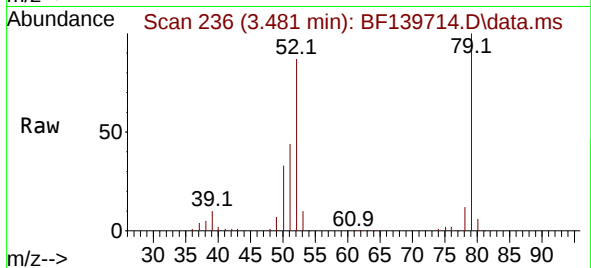
Tgt Ion: 79 Resp: 264927

Ion Ratio Lower Upper

79 100

52 87.0 72.6 109.0

51 44.0 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 45.100 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.088 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

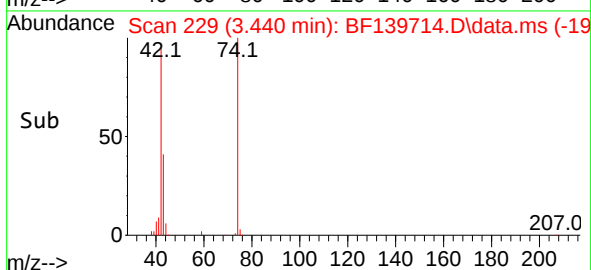
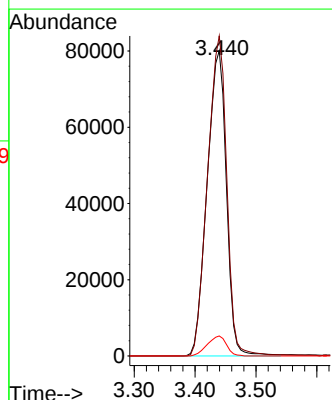
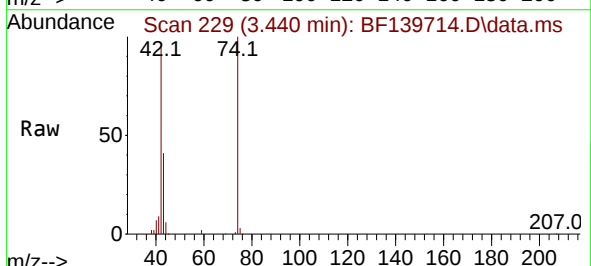
Tgt Ion: 42 Resp: 176194

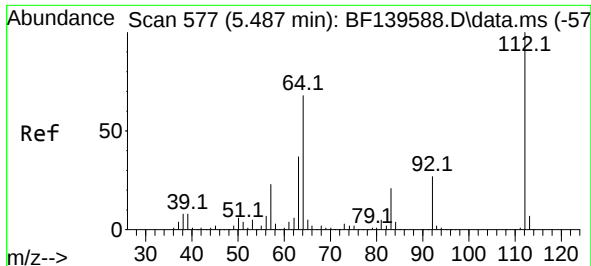
Ion Ratio Lower Upper

42 100

74 104.8 79.0 118.6

44 6.5 5.2 7.8

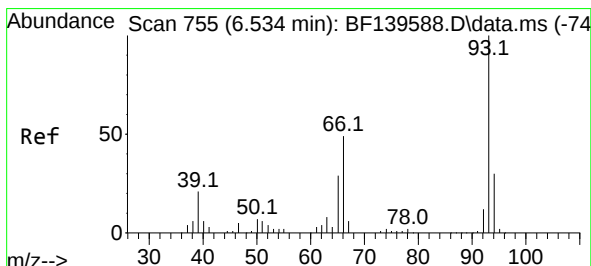
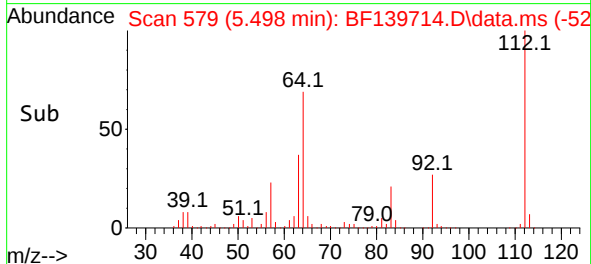
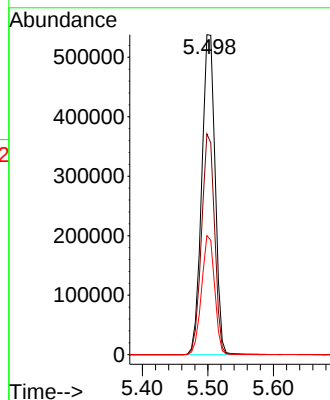
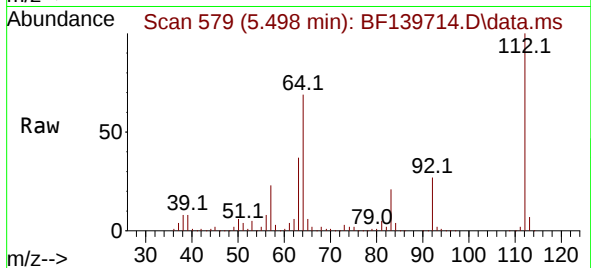




#5  
2-Fluorophenol  
Concen: 135.127 ng  
RT: 5.498 min Scan# 51  
Delta R.T. 0.011 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

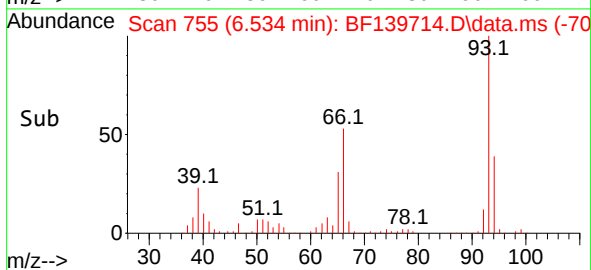
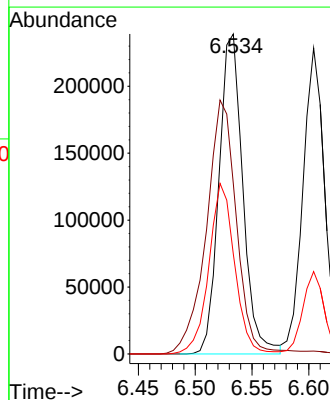
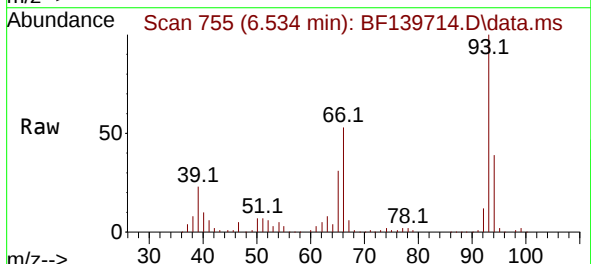
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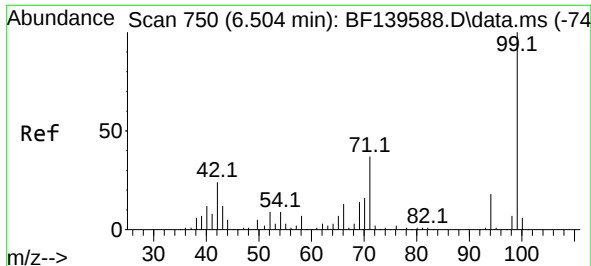
Tgt Ion:112 Resp: 767007  
Ion Ratio Lower Upper  
112 100  
64 69.0 54.2 81.4  
63 37.2 29.4 44.2



#6  
Aniline  
Concen: 51.659 ng  
RT: 6.534 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
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Tgt Ion: 93 Resp: 349915  
Ion Ratio Lower Upper  
93 100  
66 53.2 40.9 61.3  
65 31.2 23.3 34.9

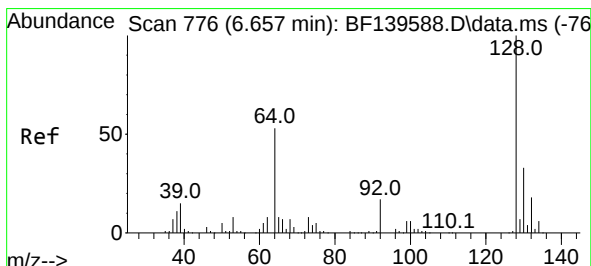
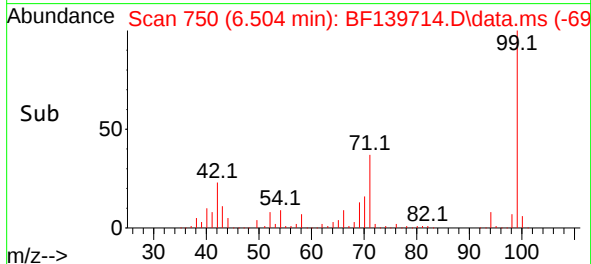
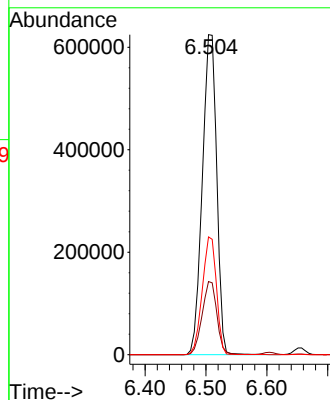
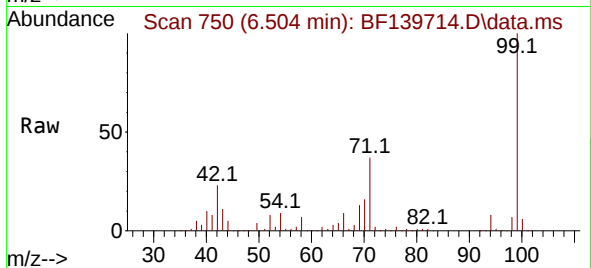




#7  
Phenol-d6  
Concen: 133.893 ng  
RT: 6.504 min Scan# 714  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

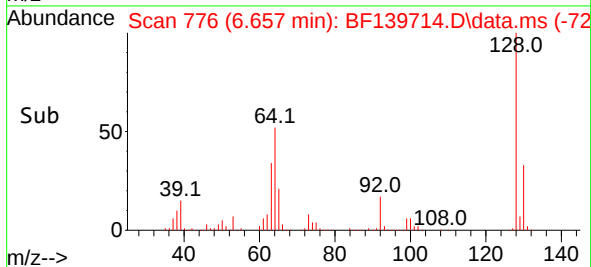
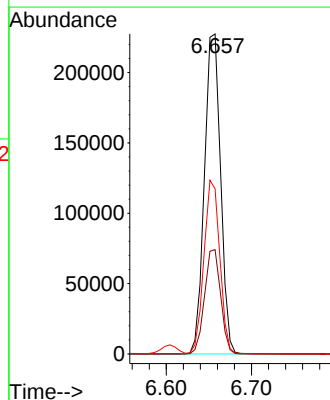
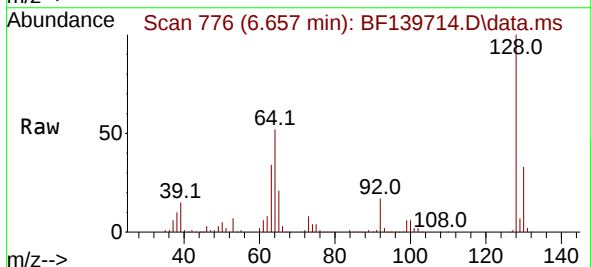
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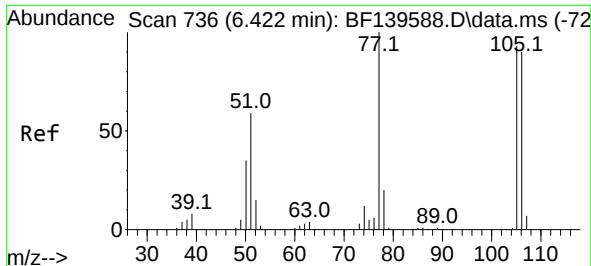
Tgt Ion: 99 Resp: 1022037  
Ion Ratio Lower Upper  
99 100  
42 22.8 19.1 28.7  
71 36.8 29.7 44.5



#8  
2-Chlorophenol  
Concen: 49.427 ng  
RT: 6.657 min Scan# 776  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:128 Resp: 300585  
Ion Ratio Lower Upper  
128 100  
130 32.6 13.2 53.2  
64 51.6 35.1 75.1





#9

Benzaldehyde

Concen: 24.330 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139714.D

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Instrument :

BNA\_F

ClientSampleId :

PB163970BS

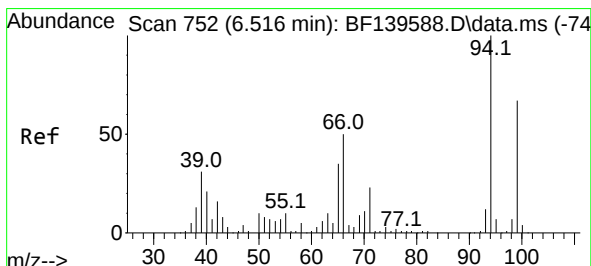
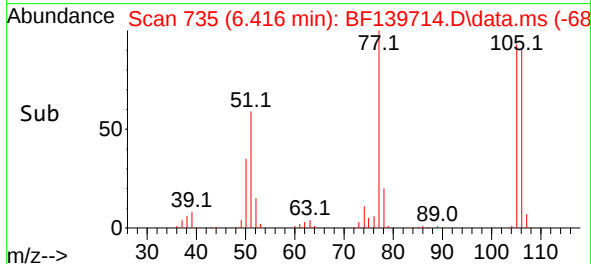
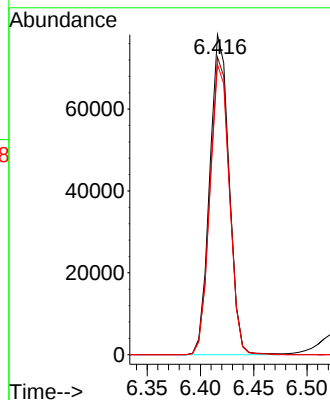
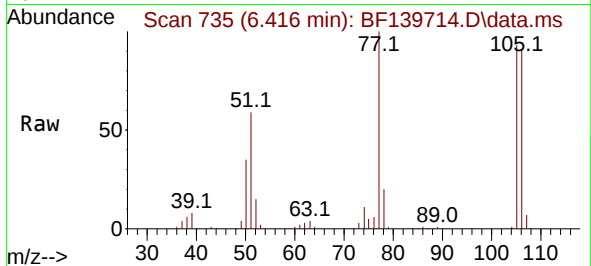
Tgt Ion: 77 Resp: 98378

Ion Ratio Lower Upper

77 100

105 93.0 72.7 112.7

106 90.7 70.1 110.1



#10

Phenol

Concen: 47.721 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

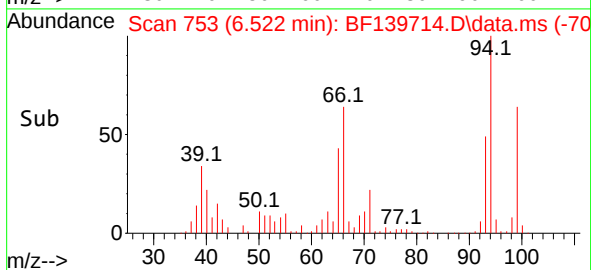
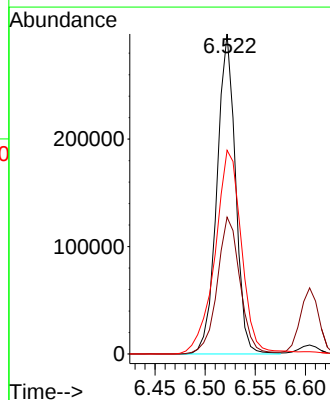
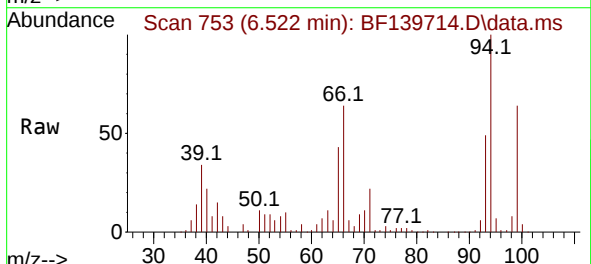
Tgt Ion: 94 Resp: 383030

Ion Ratio Lower Upper

94 100

65 42.8 15.3 55.3

66 63.7 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 45.409 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

PB163970BS

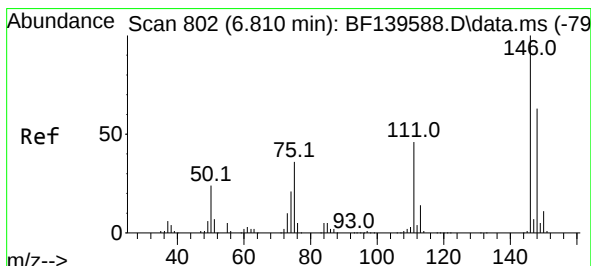
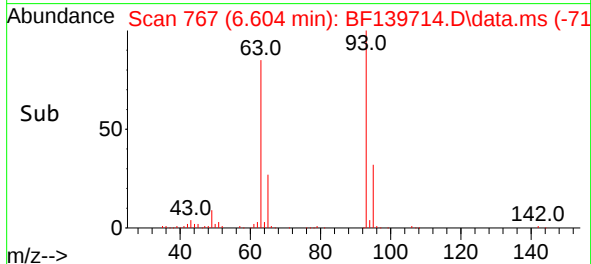
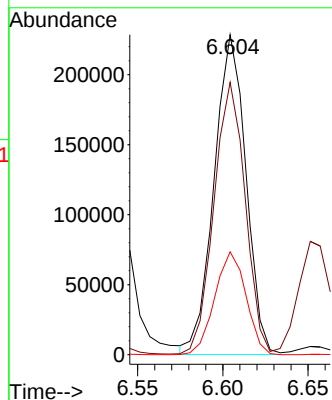
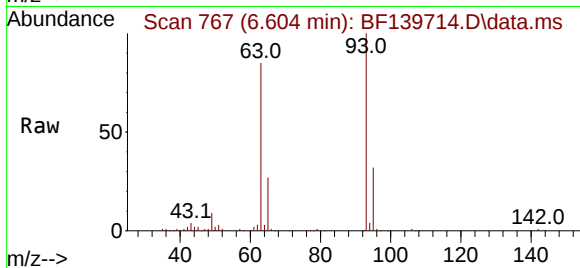
Tgt Ion: 93 Resp: 296756

Ion Ratio Lower Upper

93 100

63 85.1 64.1 104.1

95 32.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 45.139 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

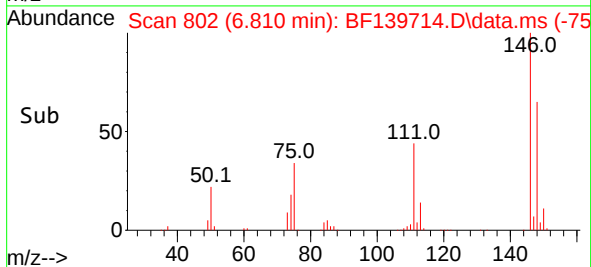
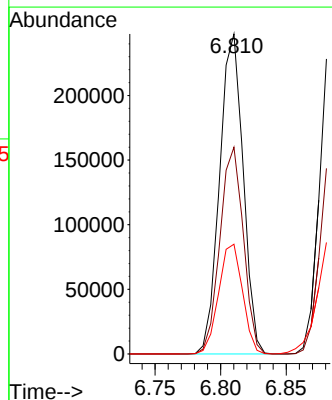
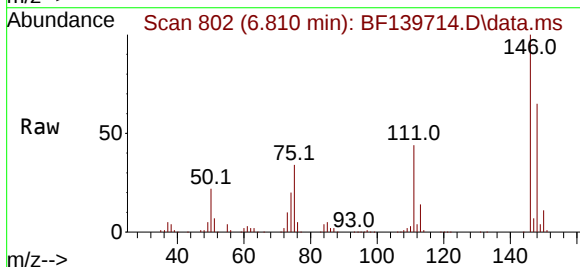
Tgt Ion: 146 Resp: 308812

Ion Ratio Lower Upper

146 100

148 64.6 50.2 75.4

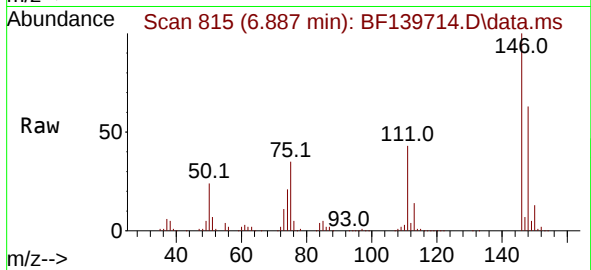
75 34.3 28.5 42.7



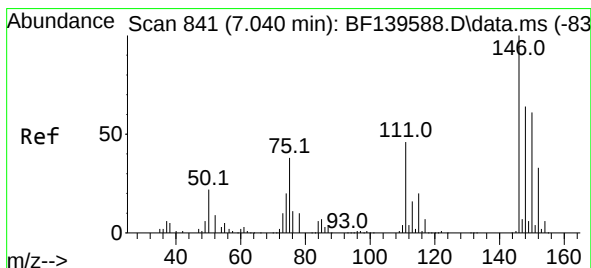
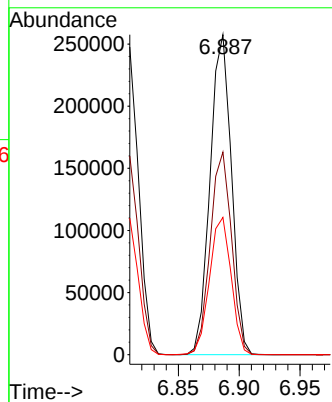
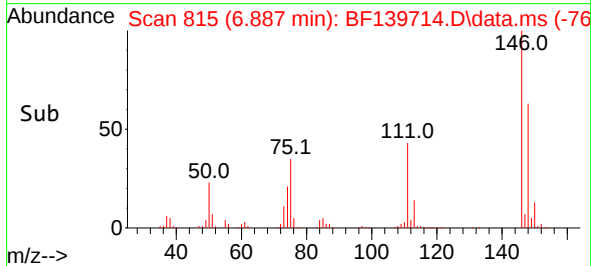


#13  
1,4-Dichlorobenzene  
Concen: 45.310 ng  
RT: 6.887 min Scan# 815  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

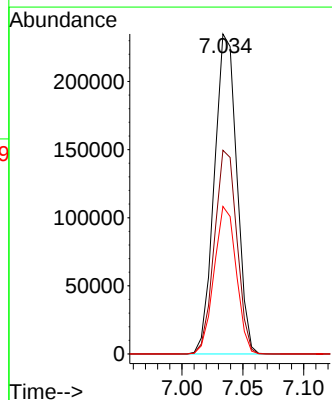
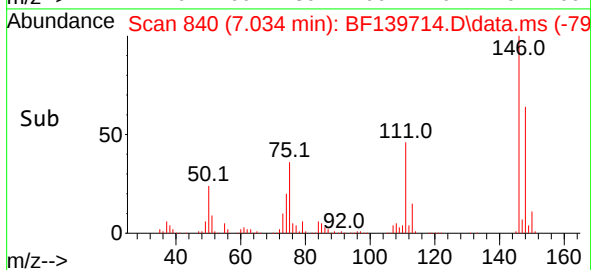
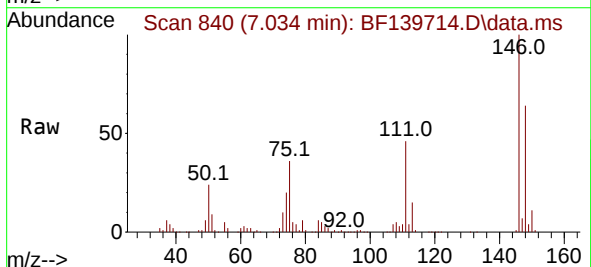


Tgt Ion:146 Resp: 313951  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.0 76.6  
111 42.9 34.9 52.3



#14  
1,2-Dichlorobenzene  
Concen: 46.345 ng  
RT: 7.034 min Scan# 840  
Delta R.T. -0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:146 Resp: 300962  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.2 76.8  
111 46.1 37.0 55.6

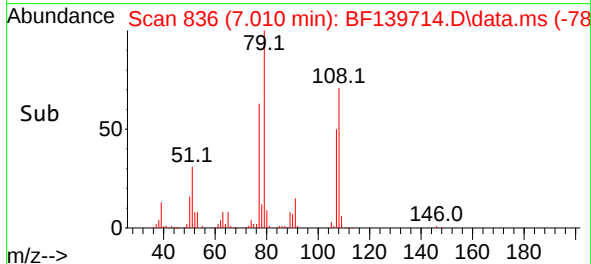
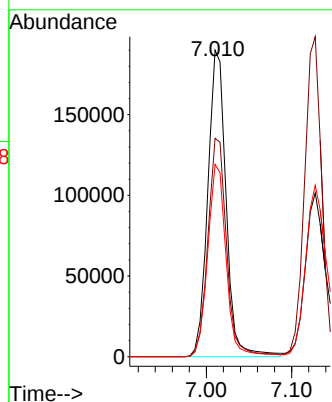
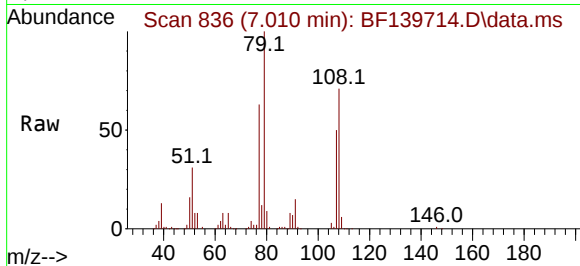




#15  
Benzyl Alcohol  
Concen: 48.575 ng  
RT: 7.010 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

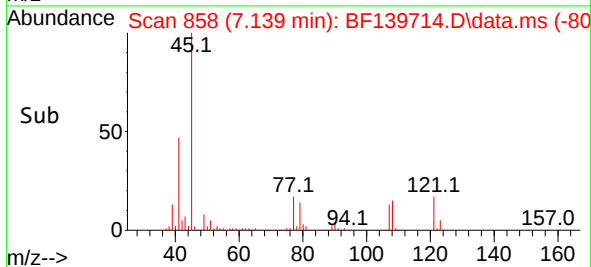
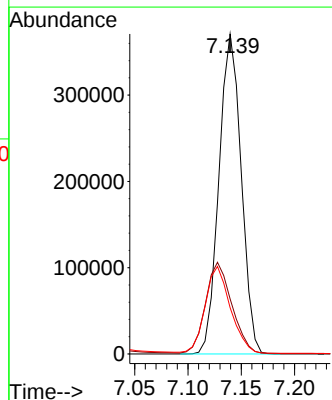
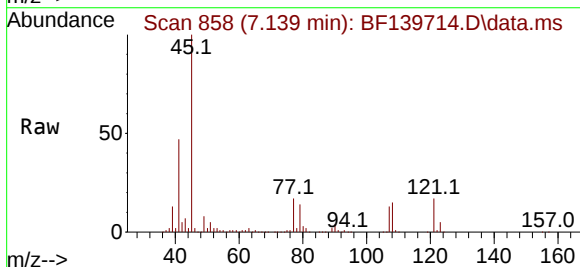
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

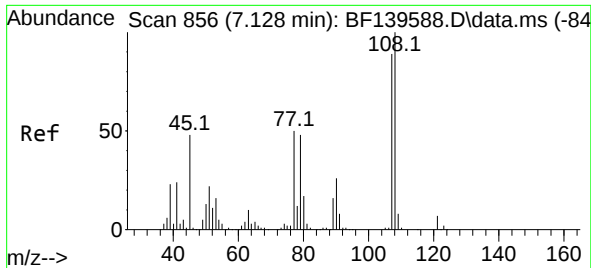
Tgt Ion: 79 Resp: 283302  
Ion Ratio Lower Upper  
79 100  
108 71.2 55.1 82.7  
77 62.7 50.8 76.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.545 ng  
RT: 7.139 min Scan# 858  
Delta R.T. -0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion: 45 Resp: 537901  
Ion Ratio Lower Upper  
45 100  
77 17.2 0.0 32.5  
79 14.5 0.0 29.7



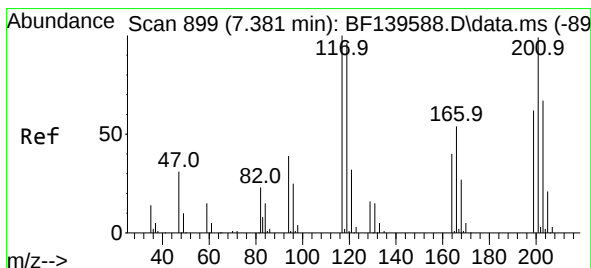
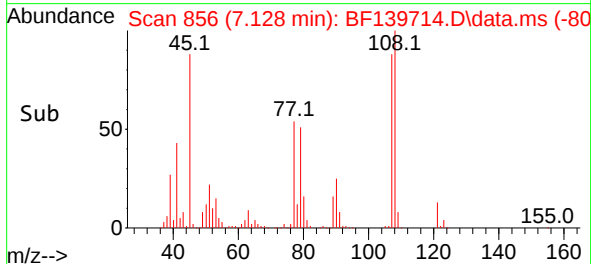
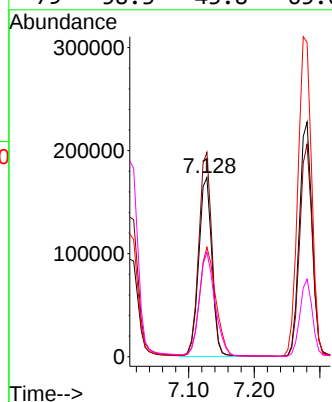
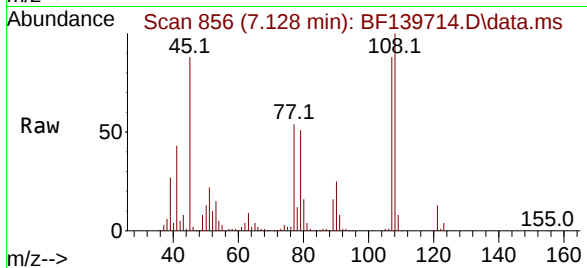


#17  
2-Methylphenol  
Concen: 48.223 ng  
RT: 7.128 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

Tgt Ion:107 Resp: 244822

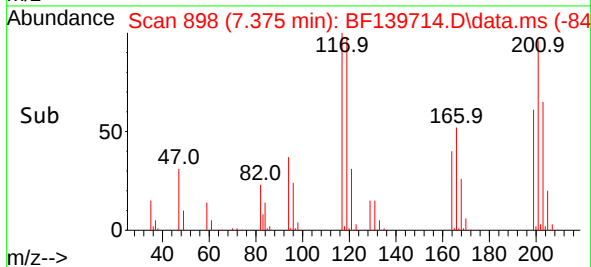
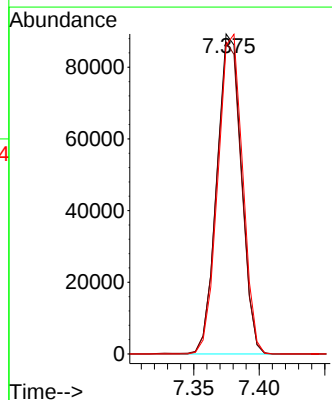
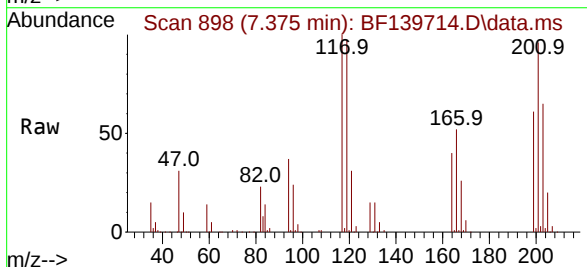
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 114.1 | 89.8  | 134.6 |
| 77  | 61.1  | 44.6  | 67.0  |
| 79  | 58.3  | 43.8  | 65.6  |



#18  
Hexachloroethane  
Concen: 45.029 ng  
RT: 7.375 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:117 Resp: 116374

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.5  | 77.0  | 115.6 |
| 201 | 96.4  | 79.2  | 118.8 |





#19

n-Nitroso-di-n-propylamine

Concen: 45.778 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

PB163970BS

Tgt Ion: 70 Resp: 224657

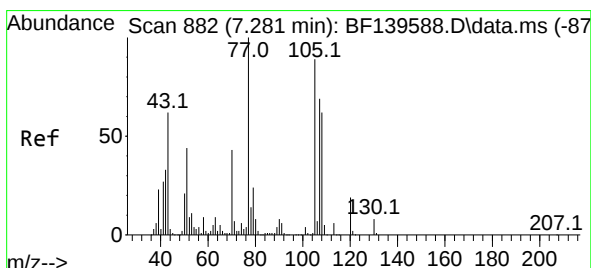
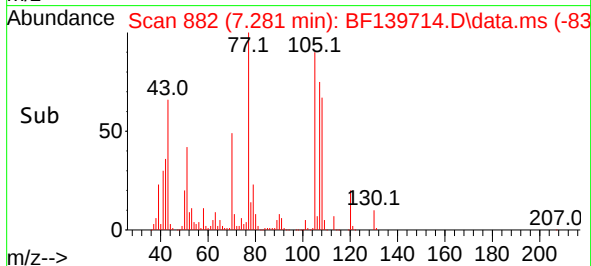
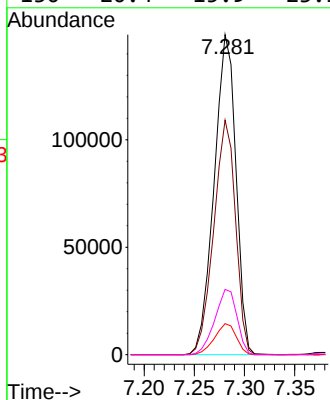
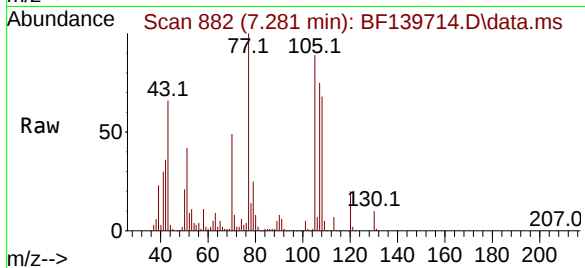
Ion Ratio Lower Upper

70 100

42 73.3 58.0 87.0

101 9.7 7.8 11.8

130 20.4 15.9 23.9



#20

3+4-Methylphenols

Concen: 48.175 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Tgt Ion:107 Resp: 307204

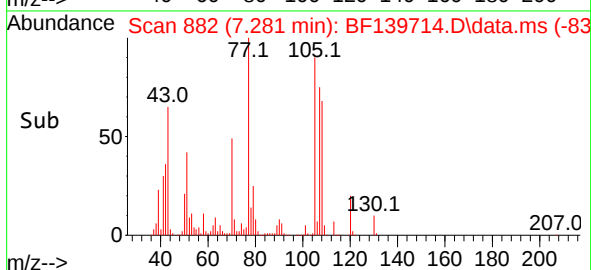
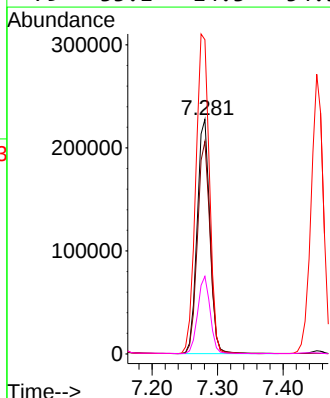
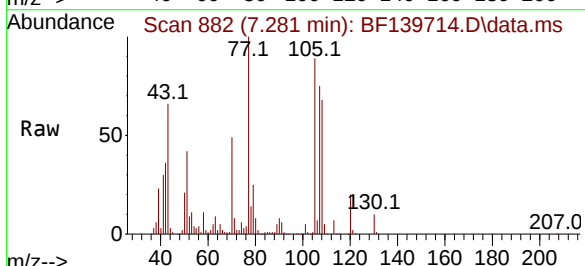
Ion Ratio Lower Upper

107 100

108 90.6 70.2 110.2

77 134.0 125.3 165.3

79 33.1 14.3 54.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

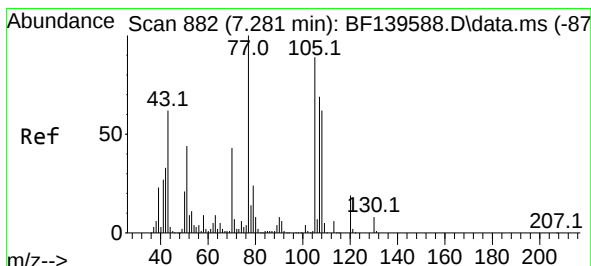
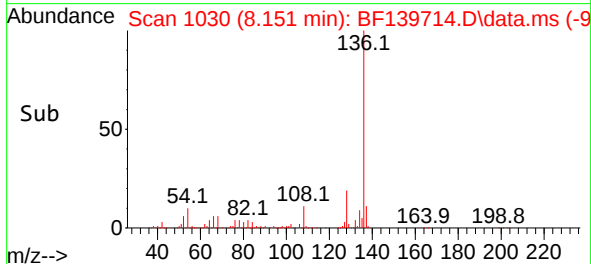
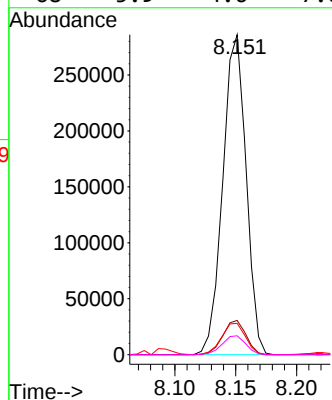
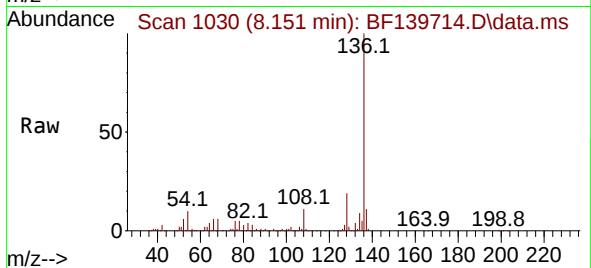
Instrument :

BNA\_F

ClientSampleId :

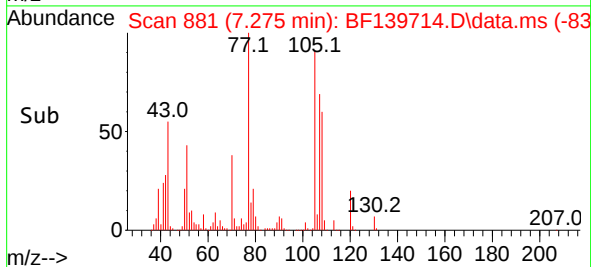
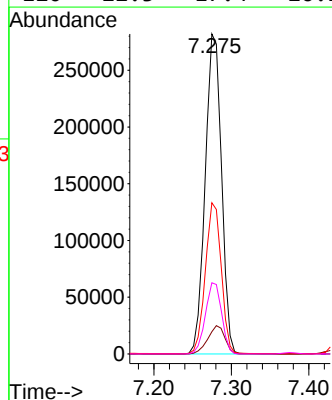
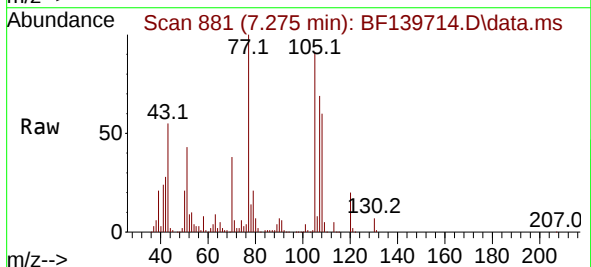
PB163970BS

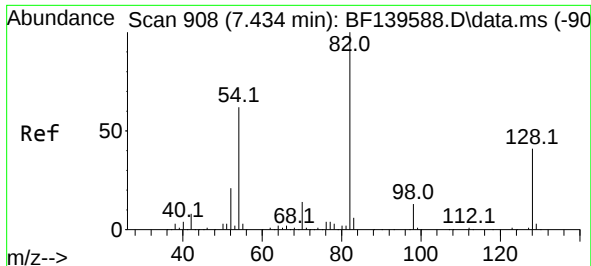
Tgt Ion:136 Resp: 380731  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 9.8 8.3 12.5  
68 5.9 4.6 7.0



#22  
Acetophenone  
Concen: 45.590 ng  
RT: 7.275 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:105 Resp: 412011  
Ion Ratio Lower Upper  
105 100  
71 7.0 6.6 10.0  
51 47.2 39.4 59.0  
120 22.3 17.4 26.2





#23

Nitrobenzene-d5

Concen: 89.667 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

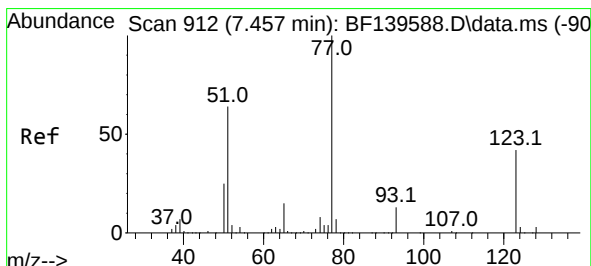
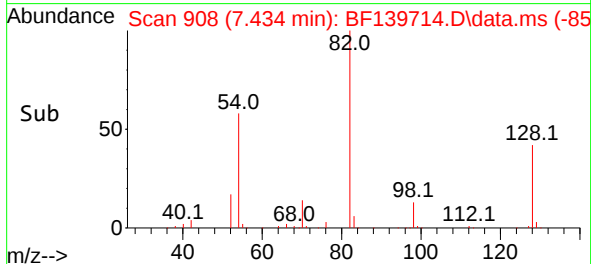
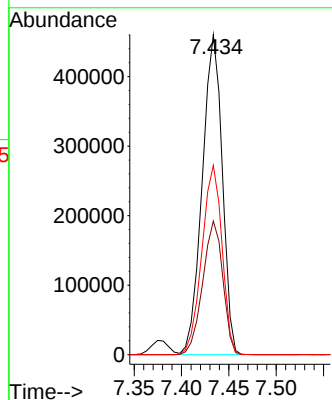
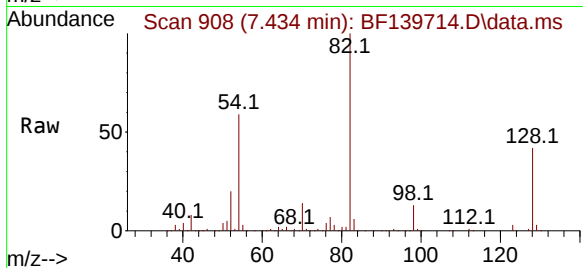
BNA\_F

ClientSampleId :

PB163970BS

Tgt Ion: 82 Resp: 674277

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.8  | 32.4  | 48.6  |
| 54  | 59.2  | 49.1  | 73.7  |



#24

Nitrobenzene

Concen: 44.517 ng

RT: 7.451 min Scan# 911

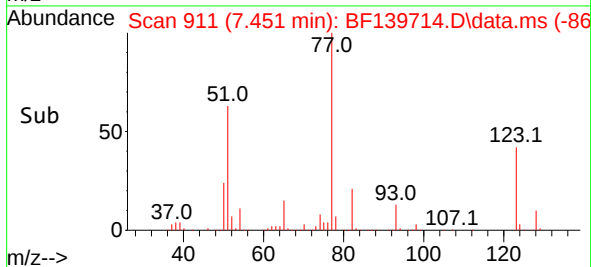
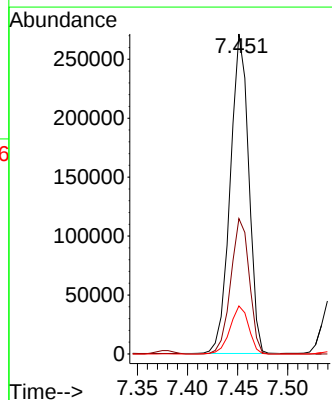
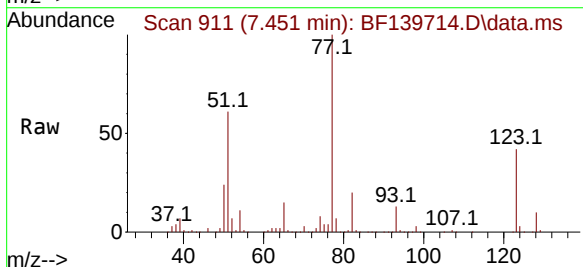
Delta R.T. -0.006 min

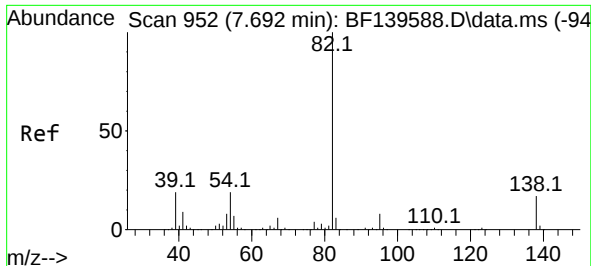
Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Tgt Ion: 77 Resp: 346641

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 42.3  | 34.2  | 51.4  |
| 65  | 15.0  | 12.1  | 18.1  |

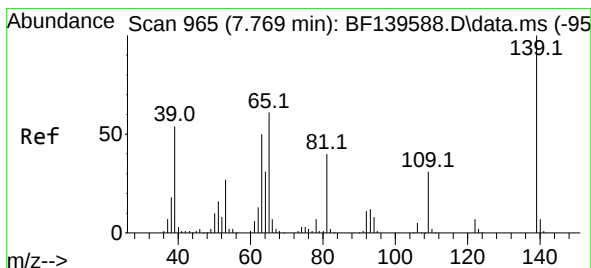
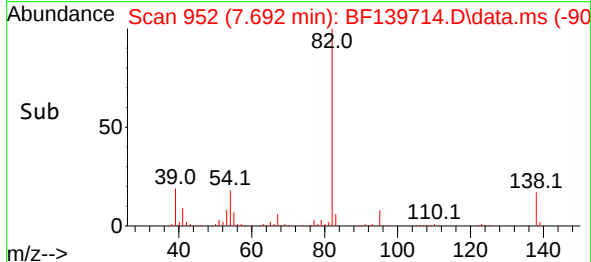
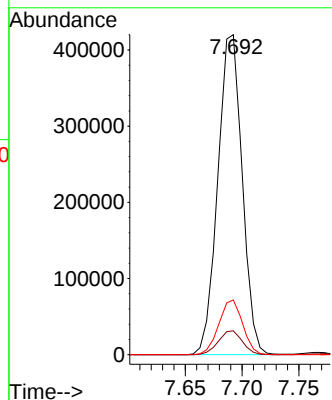
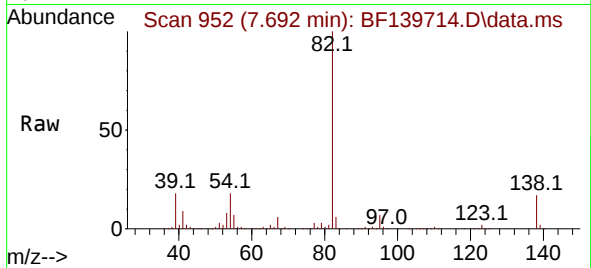




#25  
Isophorone  
Concen: 47.029 ng  
RT: 7.692 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

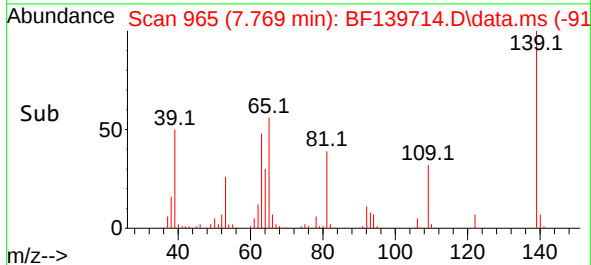
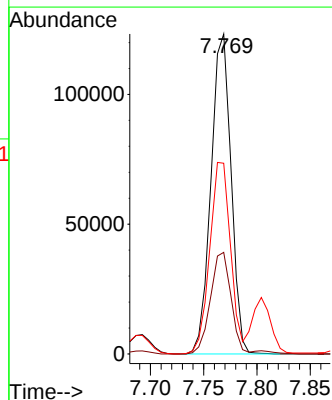
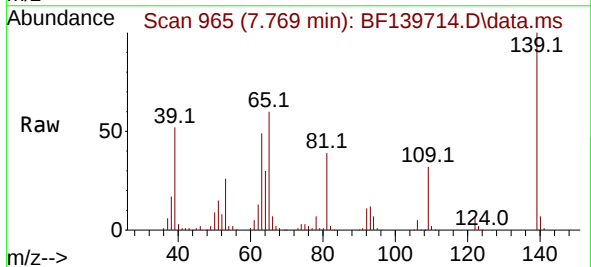
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

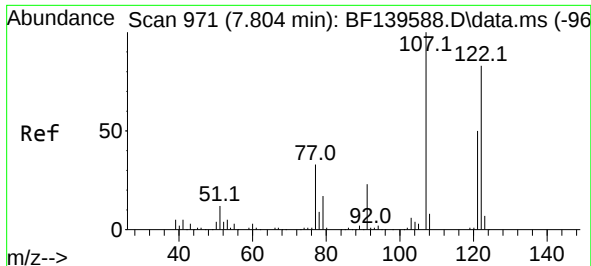
Tgt Ion: 82 Resp: 628126  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.1 9.1  
138 17.1 13.4 20.2



#26  
2-Nitrophenol  
Concen: 48.322 ng  
RT: 7.769 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:139 Resp: 161758  
Ion Ratio Lower Upper  
139 100  
109 31.8 24.9 37.3  
65 59.6 48.6 72.8

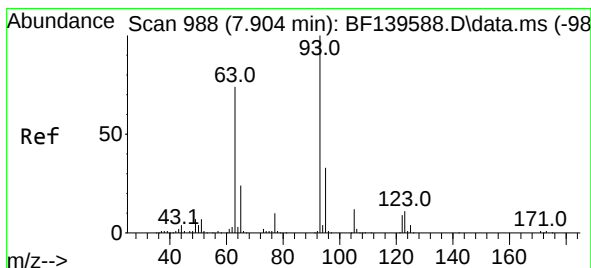
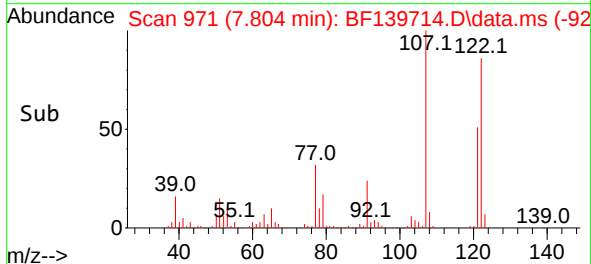
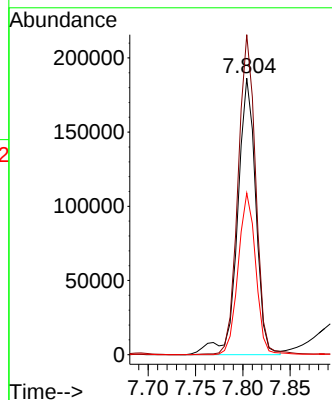
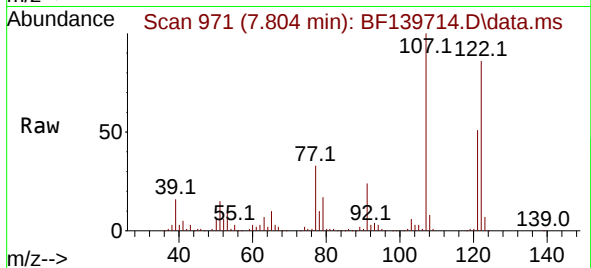




#27  
2,4-Dimethylphenol  
Concen: 60.852 ng  
RT: 7.804 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

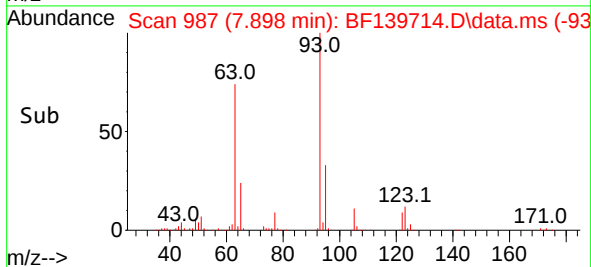
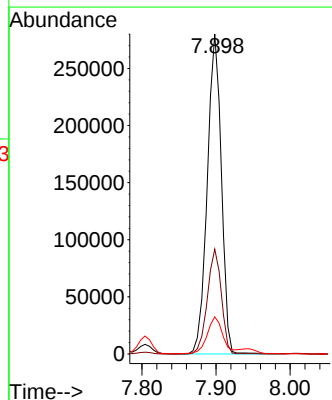
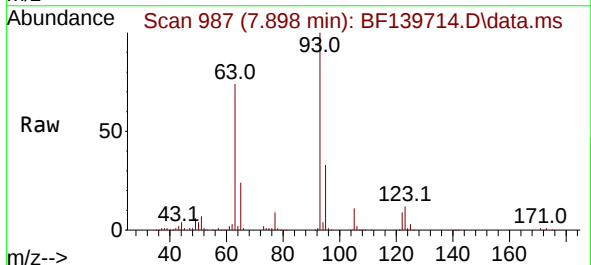
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

Tgt Ion:122 Resp: 249371  
Ion Ratio Lower Upper  
122 100  
107 115.7 95.4 143.0  
121 58.4 47.4 71.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.420 ng  
RT: 7.898 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion: 93 Resp: 370219  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.5 39.7  
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.052 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

PB163970BS

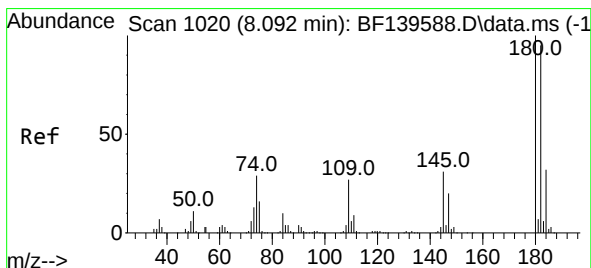
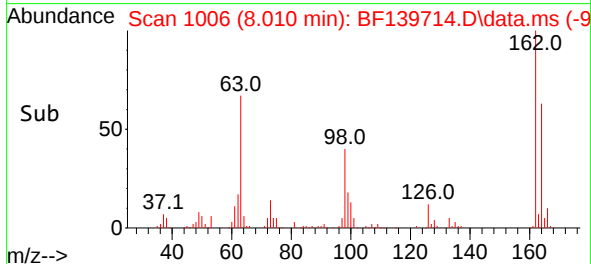
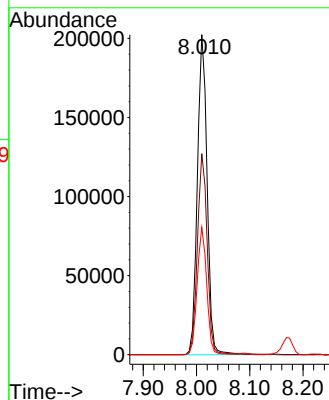
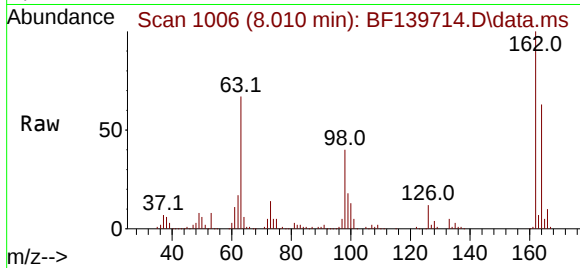
Tgt Ion:162 Resp: 256848

Ion Ratio Lower Upper

162 100

164 62.8 43.1 83.1

98 39.7 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 43.639 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

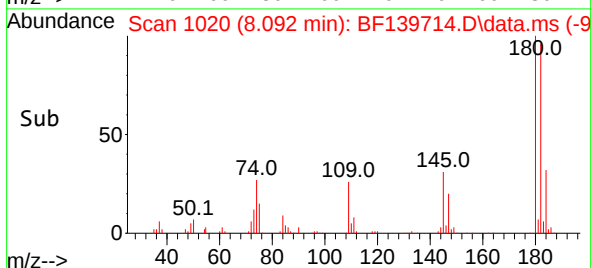
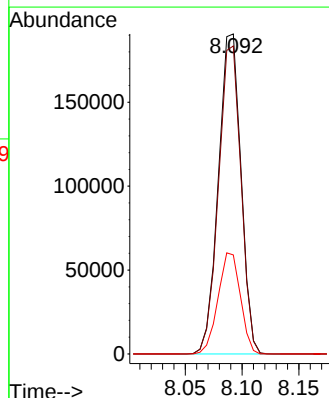
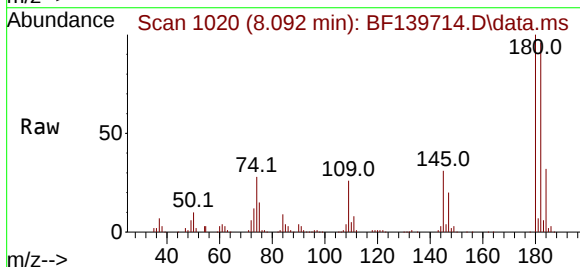
Tgt Ion:180 Resp: 263796

Ion Ratio Lower Upper

180 100

182 96.2 76.0 114.0

145 30.9 25.0 37.6





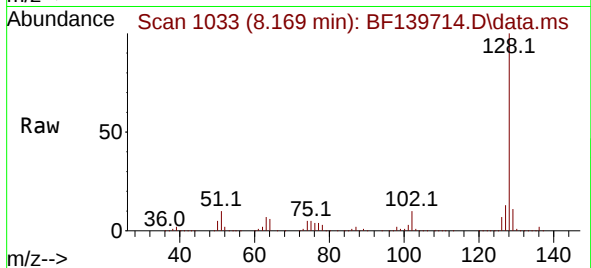
#31  
Naphthalene  
Concen: 45.814 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Instrument :

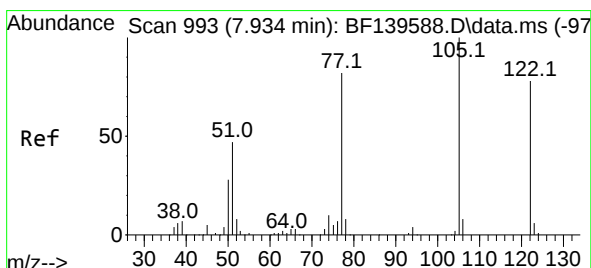
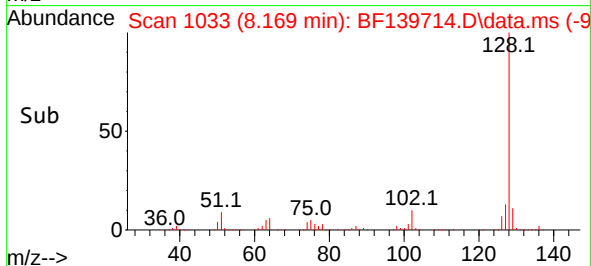
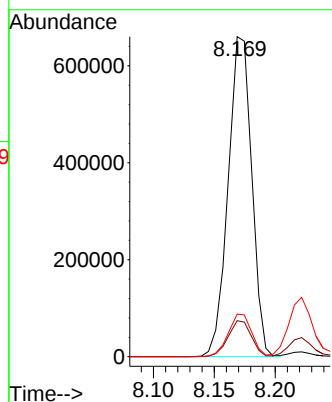
BNA\_F

ClientSampleId :

PB163970BS

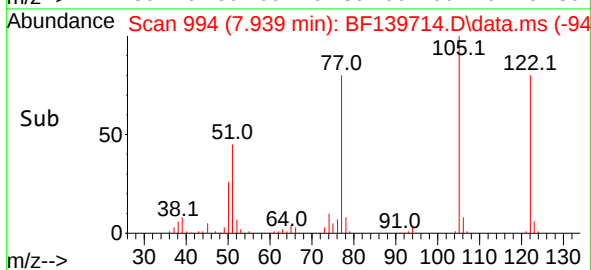
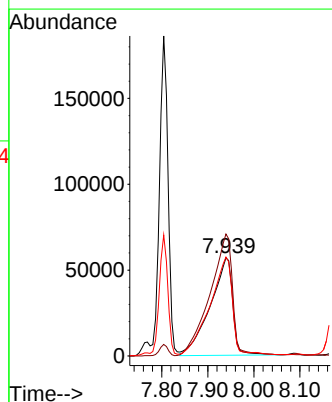
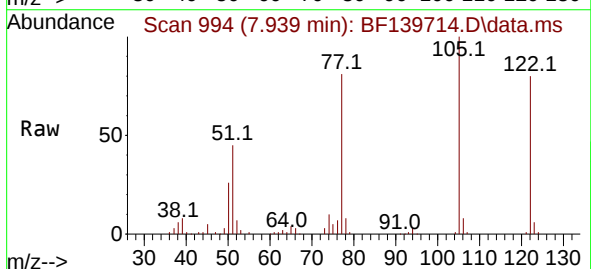


Tgt Ion:128 Resp: 891825  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.8 13.2  
127 13.3 10.5 15.7



#32  
Benzoic acid  
Concen: 47.136 ng  
RT: 7.939 min Scan# 994  
Delta R.T. 0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:122 Resp: 192075  
Ion Ratio Lower Upper  
122 100  
105 124.3 104.9 144.9  
77 100.9 82.7 122.7

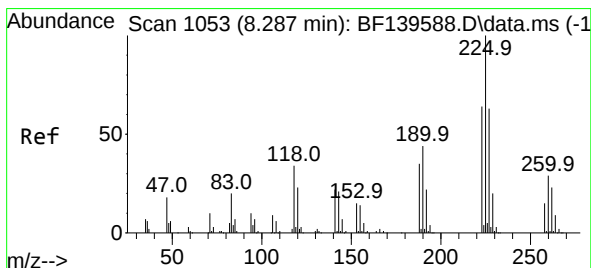
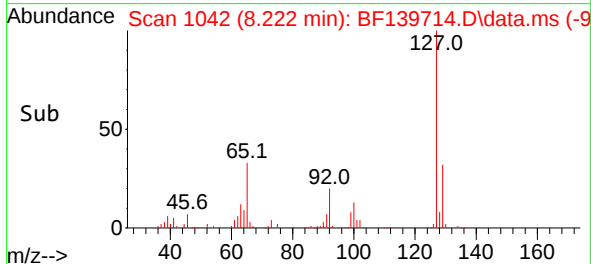
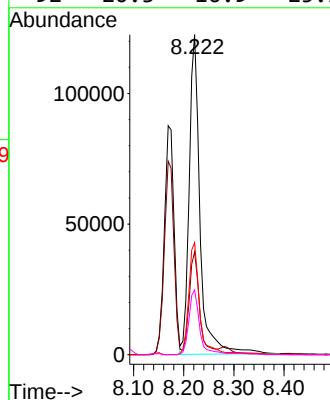
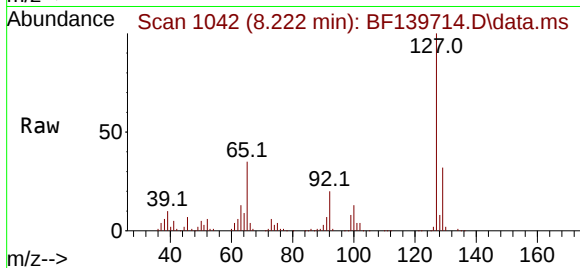




#33  
4-Chloroaniline  
Concen: 28.061 ng  
RT: 8.222 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

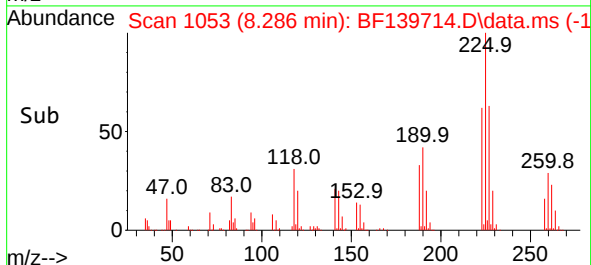
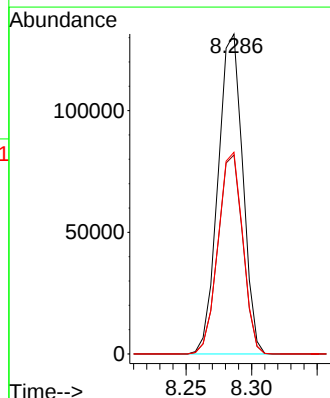
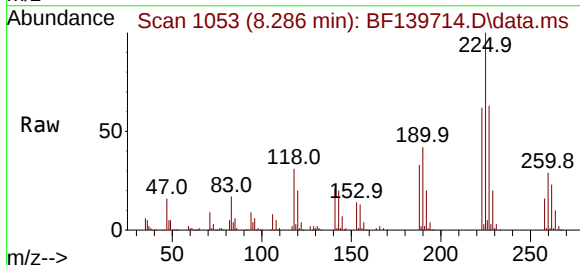
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

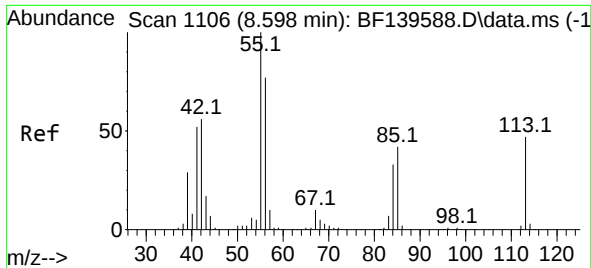
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 184899 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 26.2  | 39.4   |
| 65       | 35.0  | 29.3  | 43.9   |
| 92       | 20.3  | 16.9  | 25.3   |



#34  
Hexachlorobutadiene  
Concen: 44.054 ng  
RT: 8.286 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 172334 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.2  | 50.9  | 76.3   |
| 227      | 63.1  | 50.7  | 76.1   |

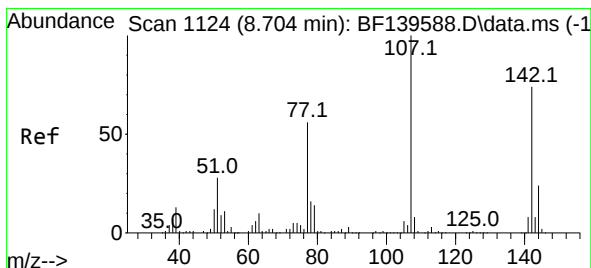
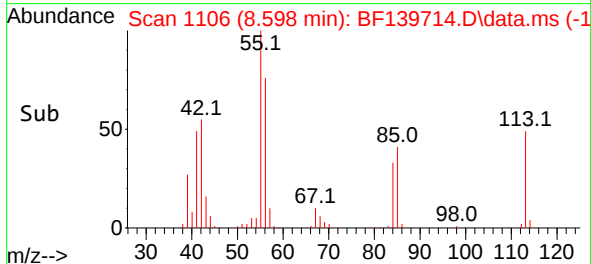
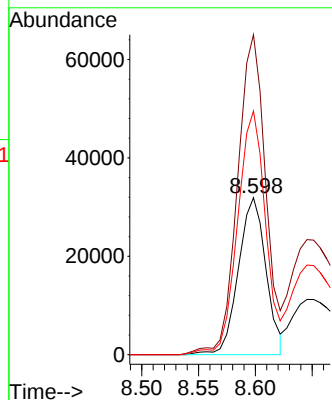
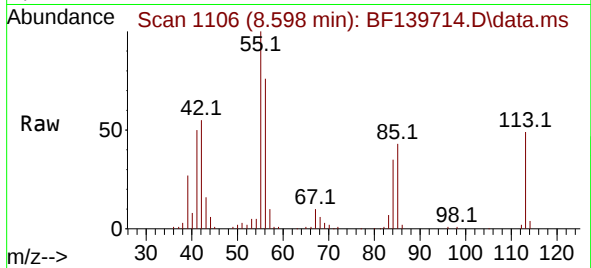




#35  
 Caprolactam  
 Concen: 30.688 ng  
 RT: 8.598 min Scan# 1106  
 Delta R.T. -0.000 min  
 Lab File: BF139714.D  
 Acq: 09 Oct 2024 11:11

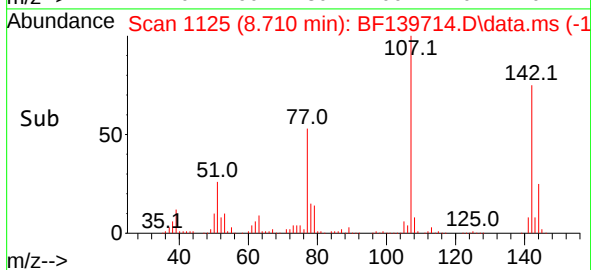
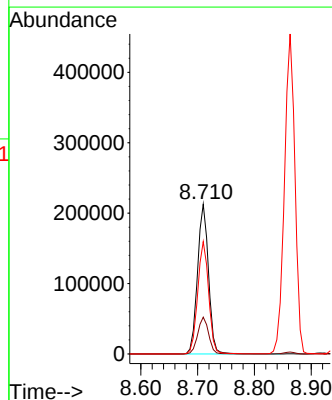
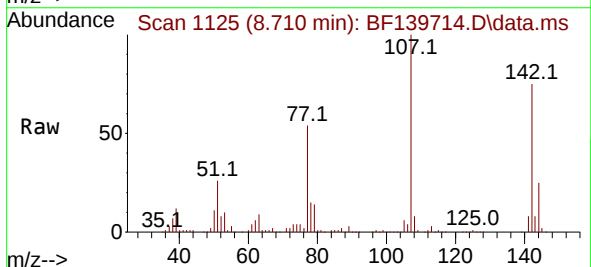
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163970BS

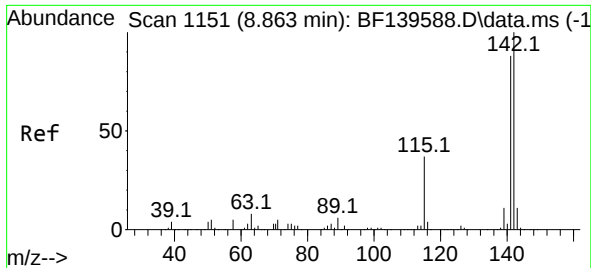
Tgt Ion:113 Resp: 53802  
 Ion Ratio Lower Upper  
 113 100  
 55 203.9 193.4 233.4  
 56 155.3 143.8 183.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.477 ng  
 RT: 8.710 min Scan# 1125  
 Delta R.T. 0.006 min  
 Lab File: BF139714.D  
 Acq: 09 Oct 2024 11:11

Tgt Ion:107 Resp: 287273  
 Ion Ratio Lower Upper  
 107 100  
 144 24.6 19.0 28.6  
 142 75.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 46.217 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

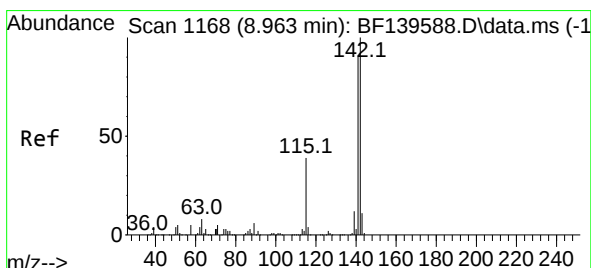
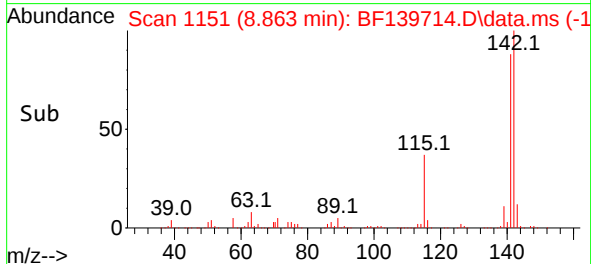
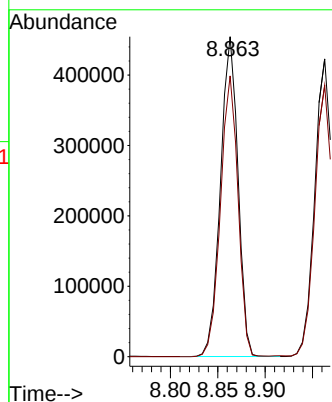
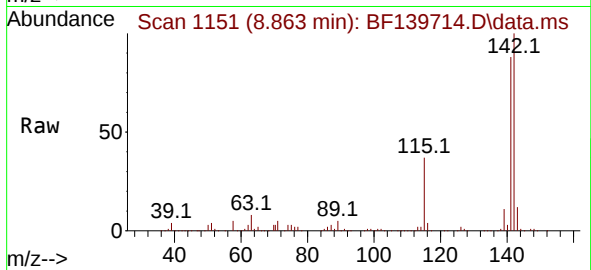
PB163970BS

Tgt Ion:142 Resp: 585948

Ion Ratio Lower Upper

142 100

141 87.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 44.008 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139714.D

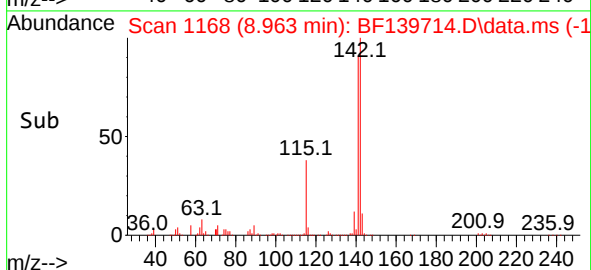
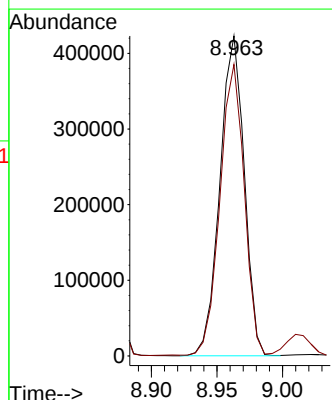
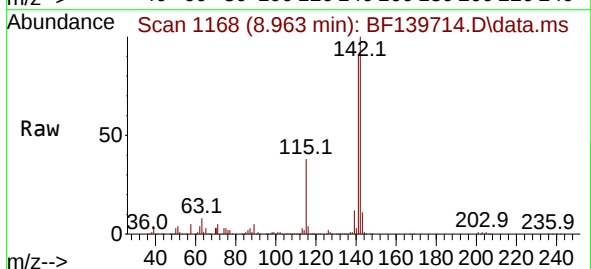
Acq: 09 Oct 2024 11:11

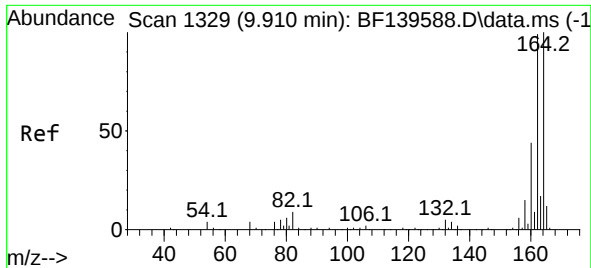
Tgt Ion:142 Resp: 545378

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

PB163970BS

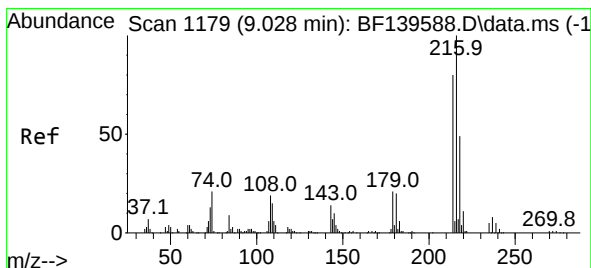
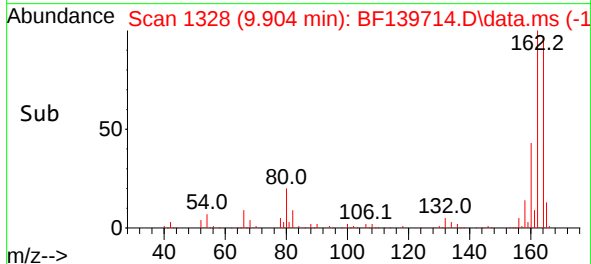
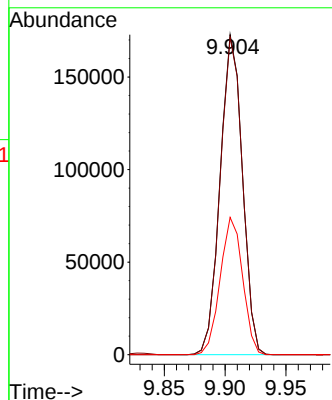
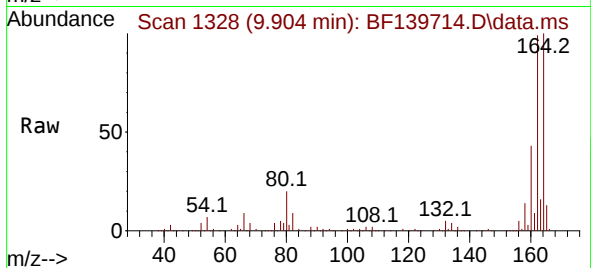
Tgt Ion:164 Resp: 220033

Ion Ratio Lower Upper

164 100

162 99.2 79.4 119.0

160 42.9 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.887 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Tgt Ion:216 Resp: 274262

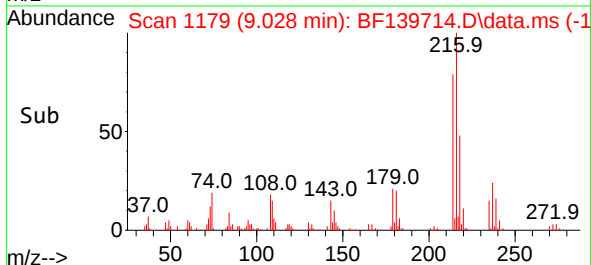
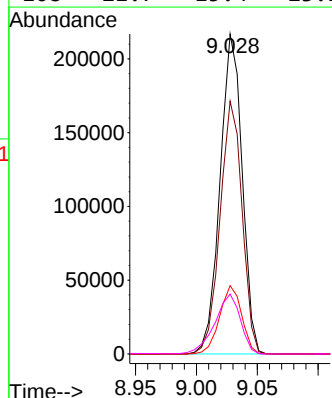
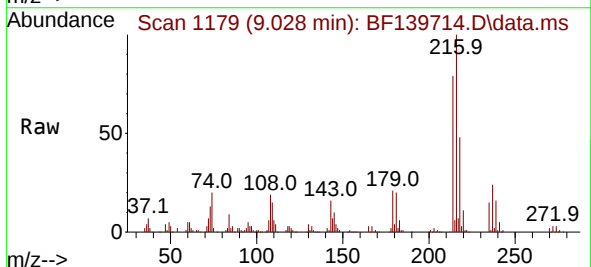
Ion Ratio Lower Upper

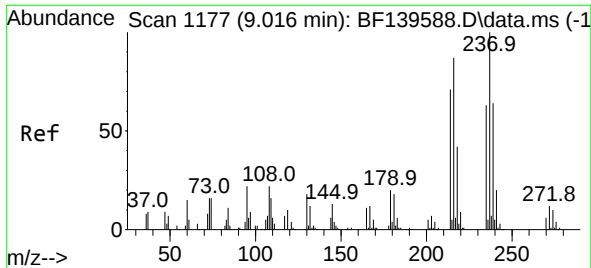
216 100

214 78.6 63.7 95.5

179 21.3 16.9 25.3

108 21.7 15.4 23.2

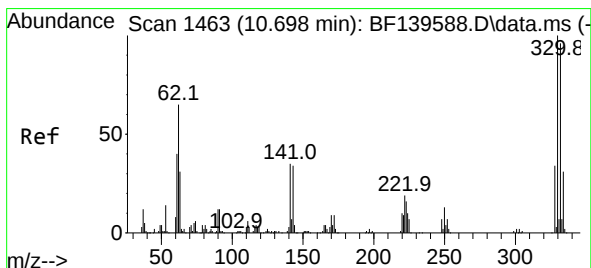
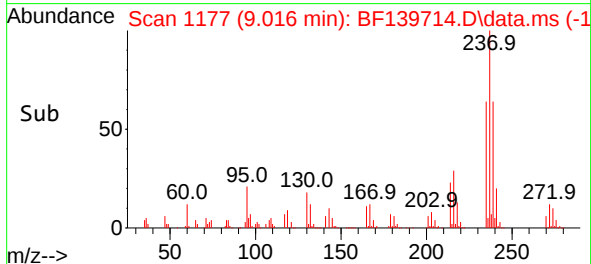
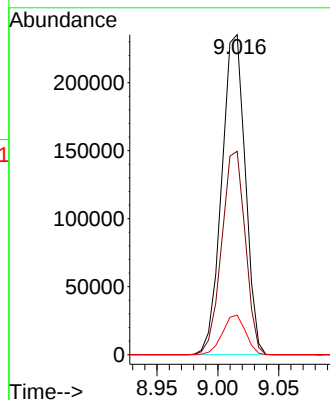
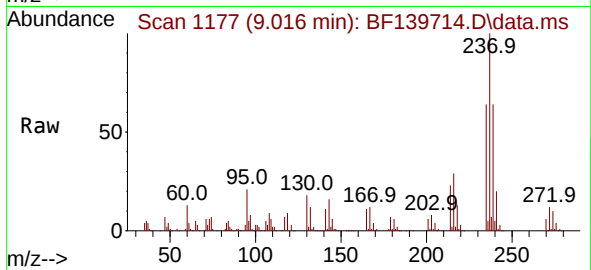




#41  
Hexachlorocyclopentadiene  
Concen: 168.883 ng  
RT: 9.016 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

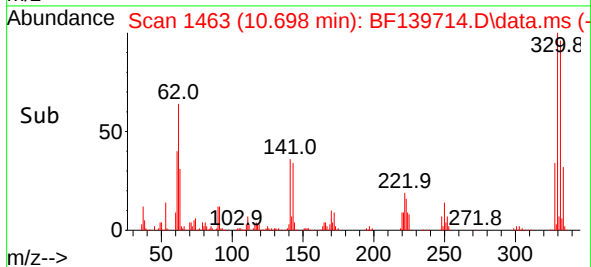
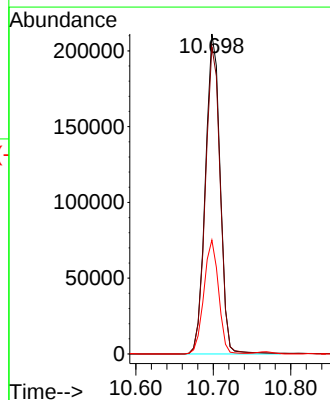
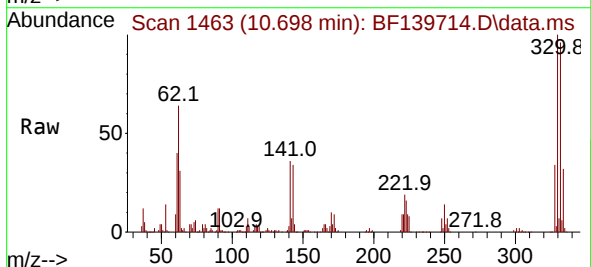
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

Tgt Ion:237 Resp: 316400  
Ion Ratio Lower Upper  
237 100  
235 63.6 42.5 82.5  
272 12.4 0.0 32.1



#42  
2,4,6-Tribromophenol  
Concen: 131.427 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

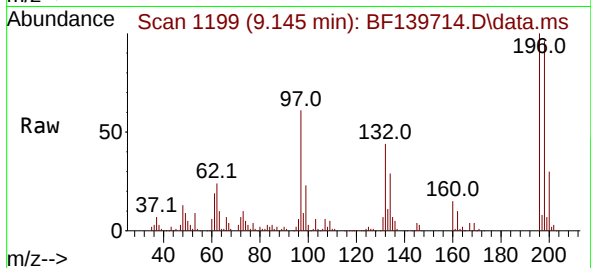
Tgt Ion:330 Resp: 279158  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.5 114.7  
141 35.4 29.3 43.9



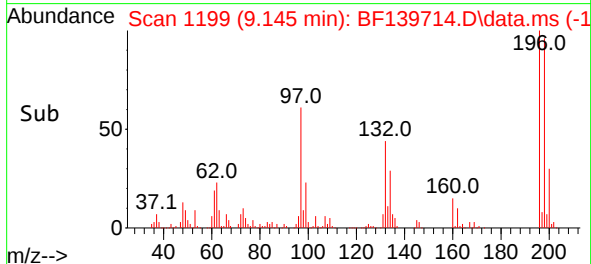
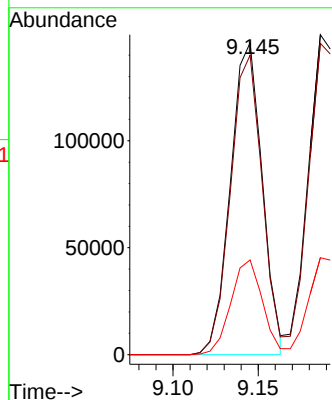


#43  
2,4,6-Trichlorophenol  
Concen: 45.911 ng  
RT: 9.145 min Scan# 1198  
Delta R.T. 0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

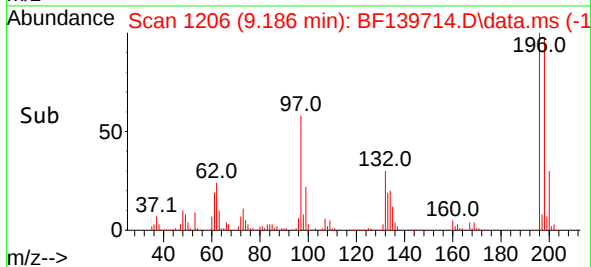
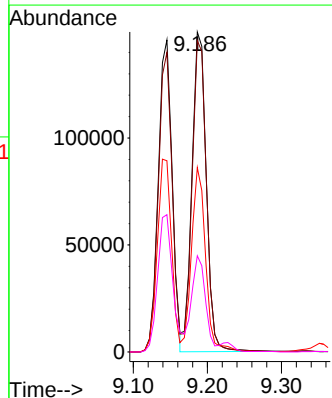
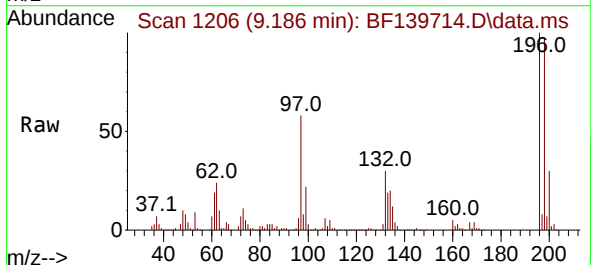


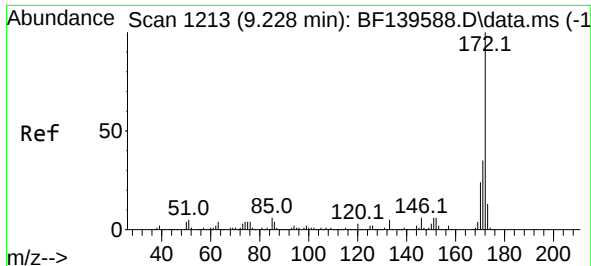
Tgt Ion:196 Resp: 189104  
Ion Ratio Lower Upper  
196 100  
198 96.0 75.2 112.8  
200 30.4 24.6 37.0



#44  
2,4,5-Trichlorophenol  
Concen: 45.206 ng  
RT: 9.186 min Scan# 1206  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:196 Resp: 200800  
Ion Ratio Lower Upper  
196 100  
198 97.3 77.5 116.3  
97 57.6 43.1 64.7  
132 30.1 22.2 33.4

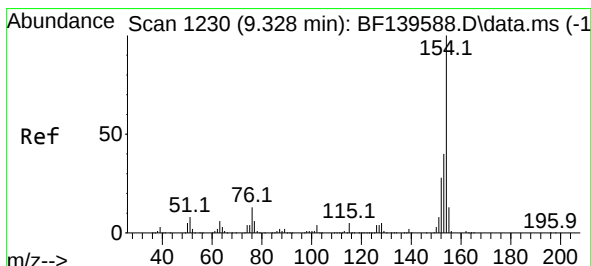
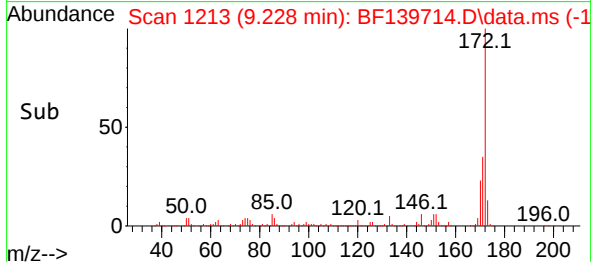
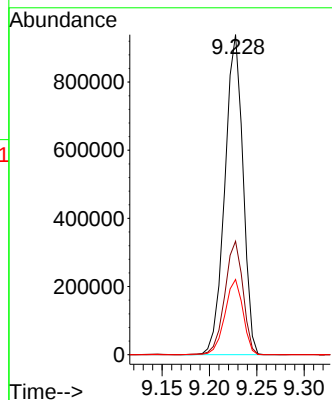
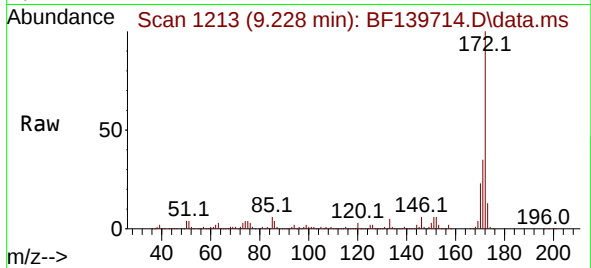




#45  
2-Fluorobiphenyl  
Concen: 87.348 ng  
RT: 9.228 min Scan# 1213  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

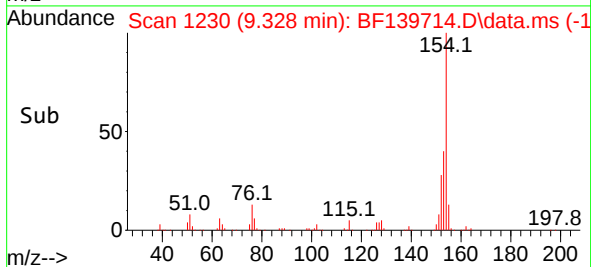
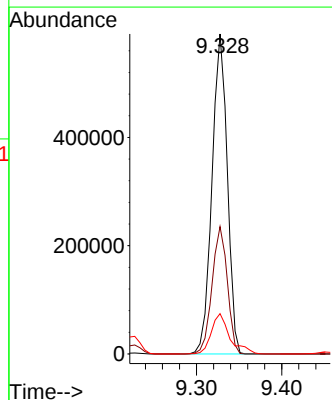
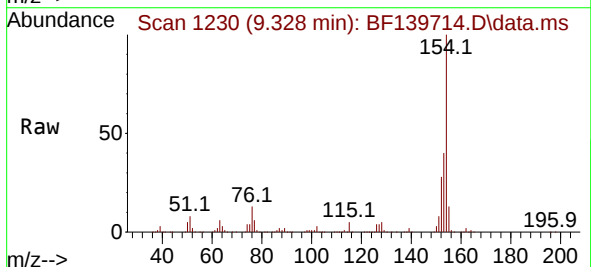
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

Tgt Ion:172 Resp: 1251931  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.2 42.4  
170 23.5 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 44.987 ng  
RT: 9.328 min Scan# 1230  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:154 Resp: 736234  
Ion Ratio Lower Upper  
154 100  
153 39.8 20.1 60.1  
76 12.6 0.0 32.6

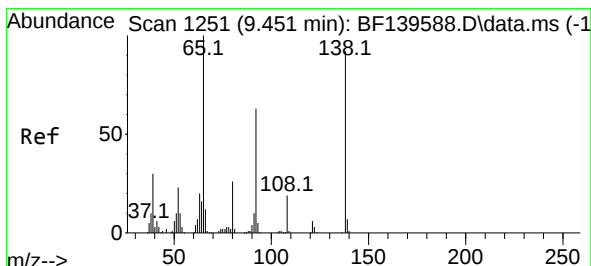
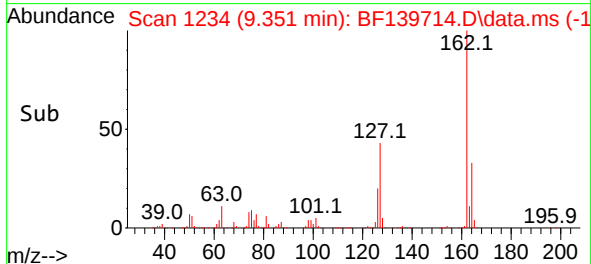
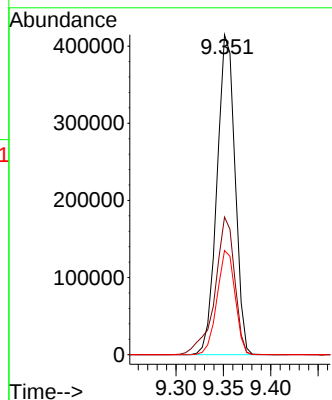
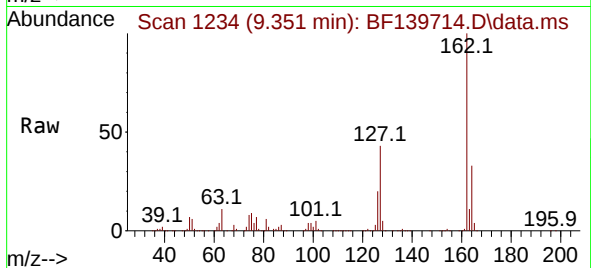




#47  
2-Chloronaphthalene  
Concen: 44.942 ng  
RT: 9.351 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

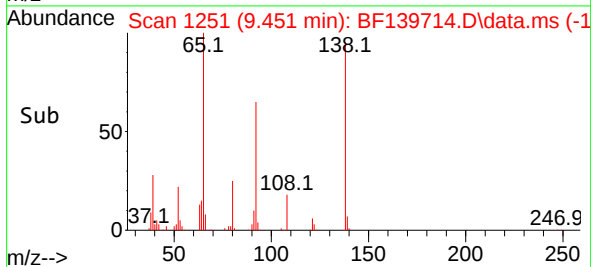
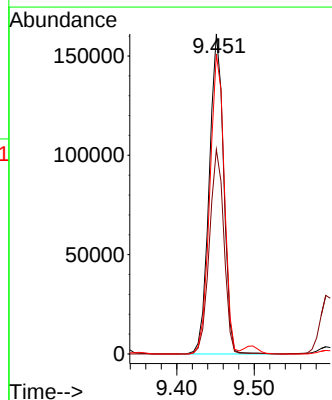
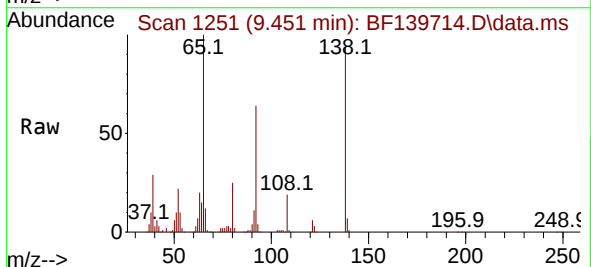
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

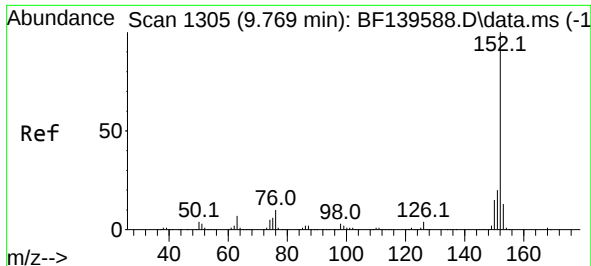
Tgt Ion:162 Resp: 551382  
Ion Ratio Lower Upper  
162 100  
127 43.0 35.0 52.4  
164 32.5 26.1 39.1



#48  
2-Nitroaniline  
Concen: 47.390 ng  
RT: 9.451 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

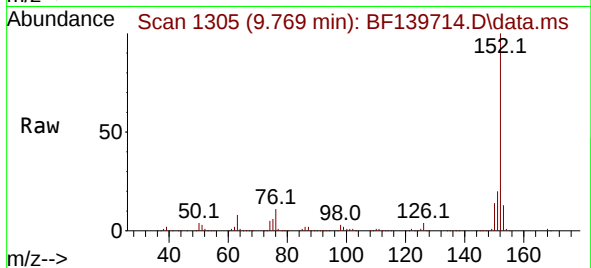
Tgt Ion: 65 Resp: 208712  
Ion Ratio Lower Upper  
65 100  
92 63.9 50.0 75.0  
138 93.8 73.8 110.8



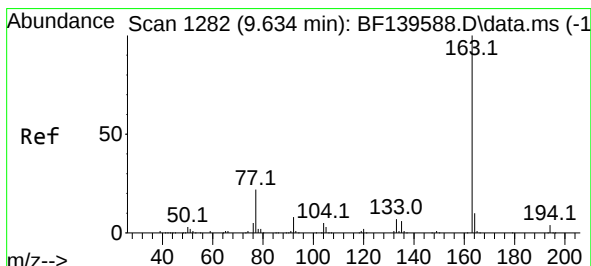
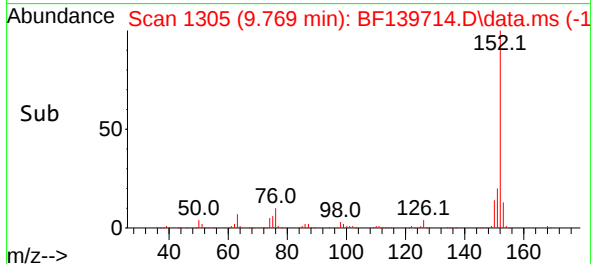
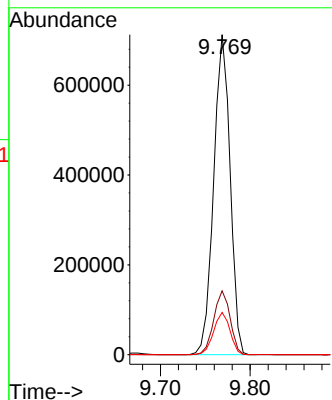


#49  
Acenaphthylene  
Concen: 48.496 ng  
RT: 9.769 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

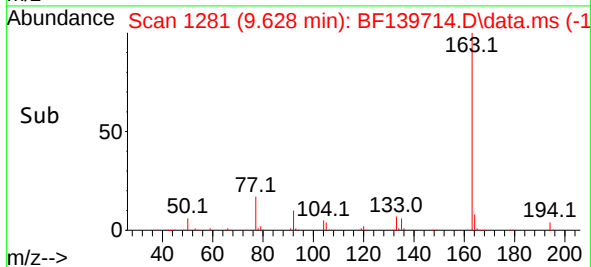
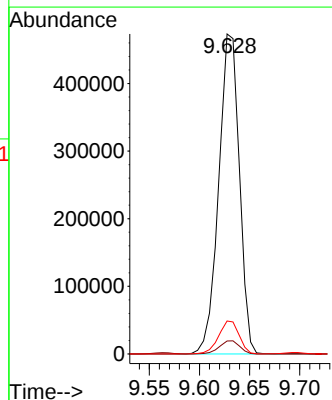
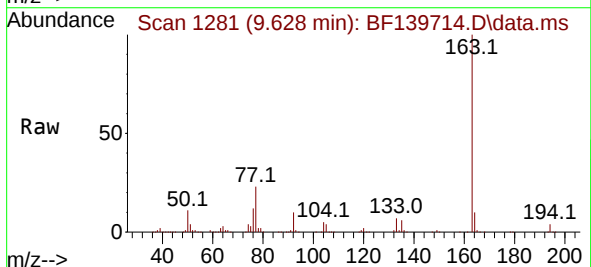


Tgt Ion:152 Resp: 904831  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.0 24.0  
153 13.2 10.5 15.7



#50  
Dimethylphthalate  
Concen: 47.061 ng  
RT: 9.628 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:163 Resp: 677845  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.3 8.1 12.1

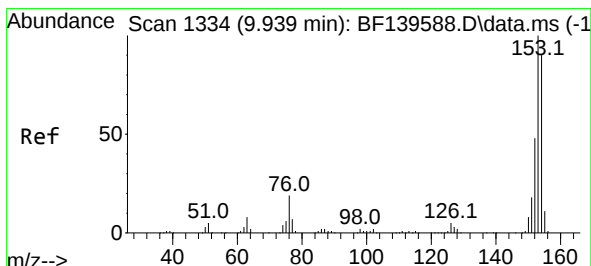
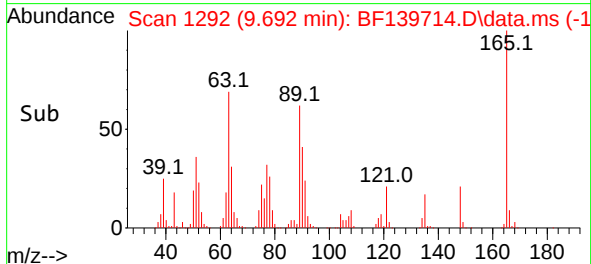
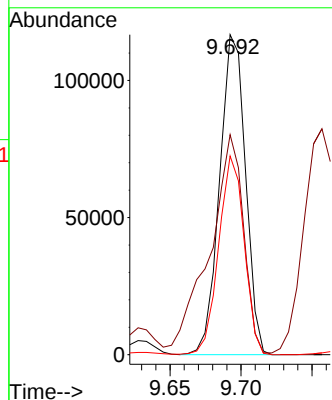
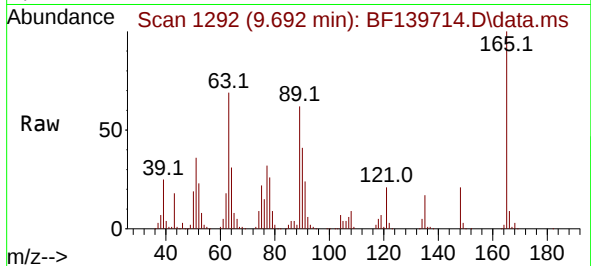




#51  
2,6-Dinitrotoluene  
Concen: 45.433 ng  
RT: 9.692 min Scan# 1292  
Delta R.T. 0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

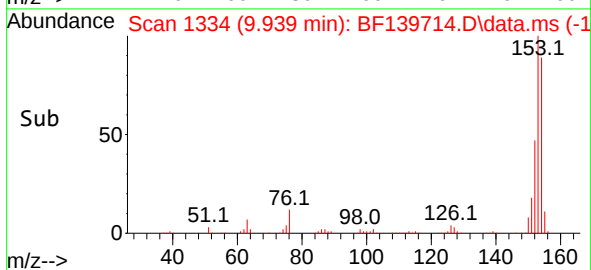
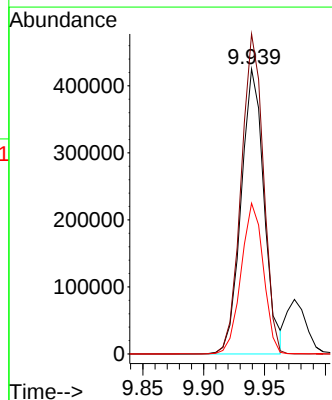
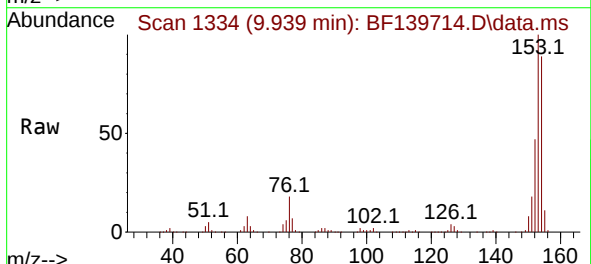
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

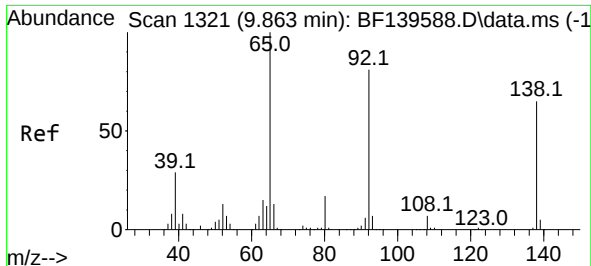
Tgt Ion:165 Resp: 147827  
Ion Ratio Lower Upper  
165 100  
63 68.8 56.7 85.1  
89 62.1 51.6 77.4



#52  
Acenaphthene  
Concen: 43.484 ng  
RT: 9.939 min Scan# 1334  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:154 Resp: 556977  
Ion Ratio Lower Upper  
154 100  
153 112.3 88.8 133.2  
152 52.9 42.5 63.7

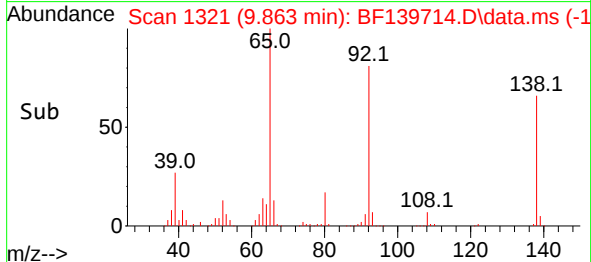
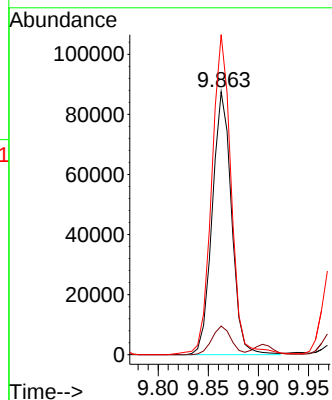
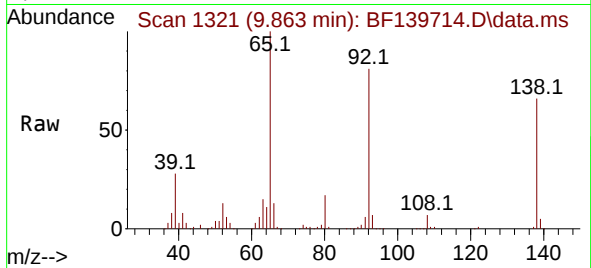




#53  
3-Nitroaniline  
Concen: 35.083 ng  
RT: 9.863 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

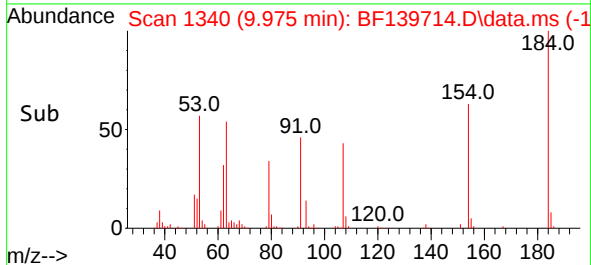
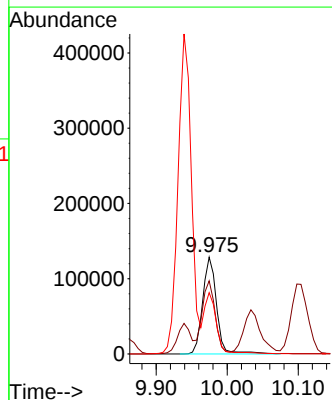
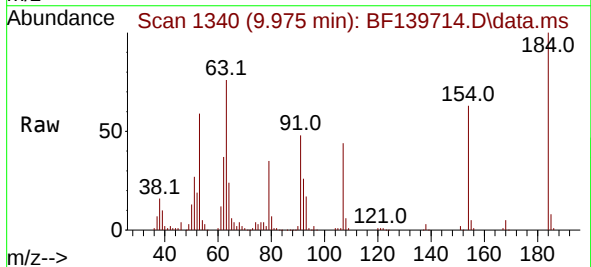
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

Tgt Ion:138 Resp: 116651  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.8 13.2  
92 121.8 100.0 150.0



#54  
2,4-Dinitrophenol  
Concen: 100.798 ng  
RT: 9.975 min Scan# 1340  
Delta R.T. 0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:184 Resp: 176402  
Ion Ratio Lower Upper  
184 100  
63 75.5 61.7 92.5  
154 63.3 53.0 79.4

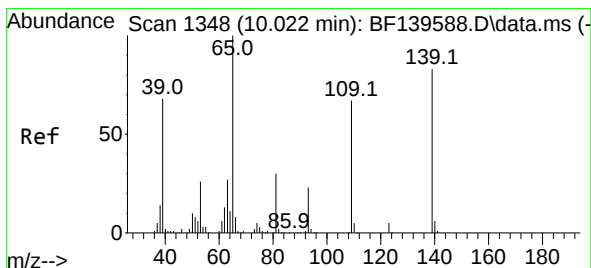
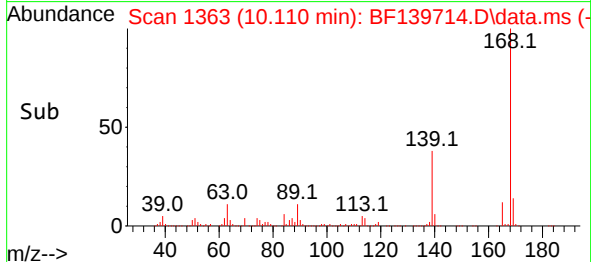
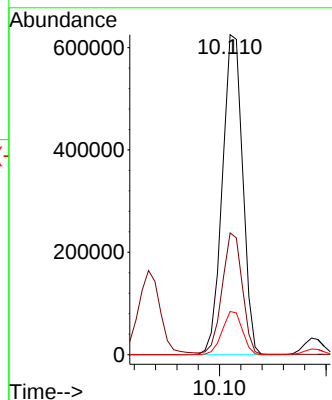
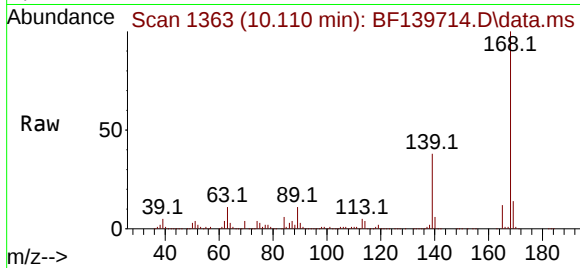




#55  
Dibenzofuran  
Concen: 46.072 ng  
RT: 10.110 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

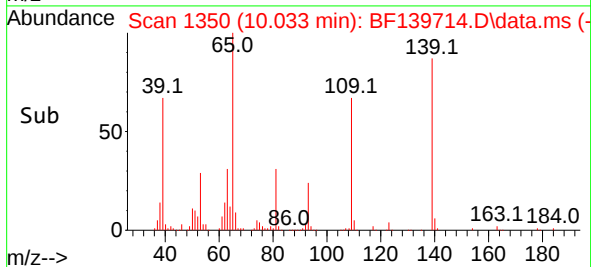
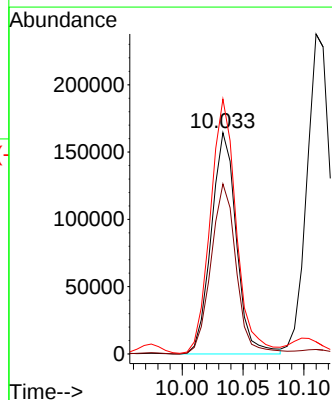
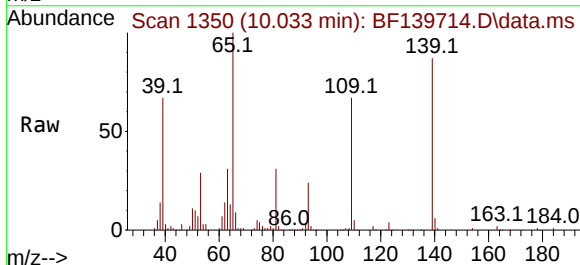
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

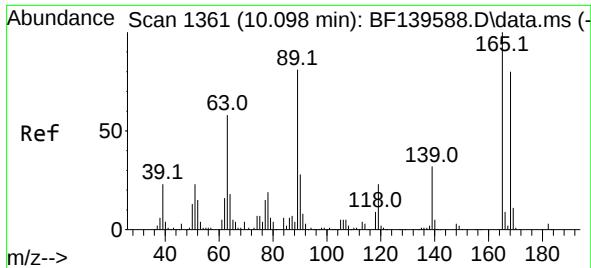
Tgt Ion:168 Resp: 826245  
Ion Ratio Lower Upper  
168 100  
139 38.0 30.4 45.6  
169 13.5 10.7 16.1



#56  
4-Nitrophenol  
Concen: 93.204 ng  
RT: 10.033 min Scan# 1350  
Delta R.T. 0.012 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

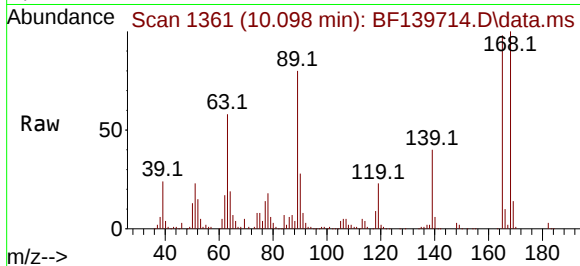
Tgt Ion:139 Resp: 236329  
Ion Ratio Lower Upper  
139 100  
109 76.9 60.3 100.3  
65 115.2 100.8 140.8



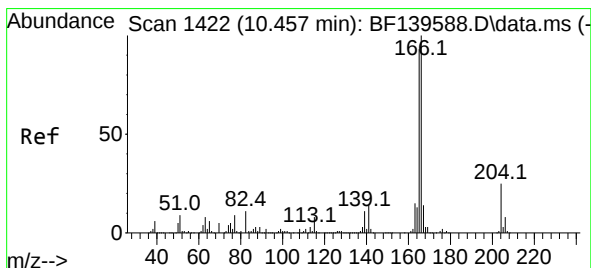
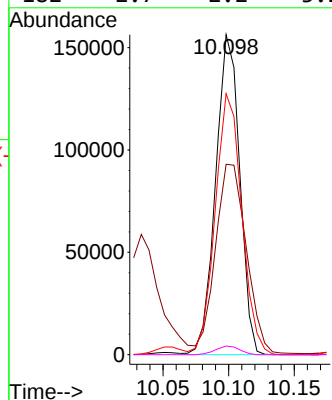
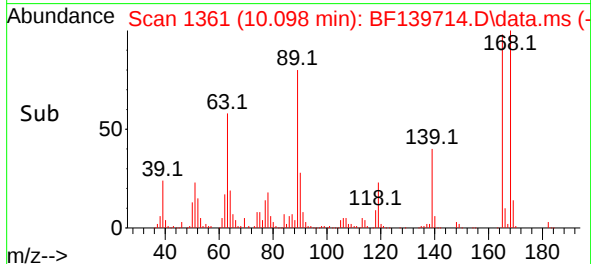


#57  
2,4-Dinitrotoluene  
Concen: 46.856 ng  
RT: 10.098 min Scan# 1361  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

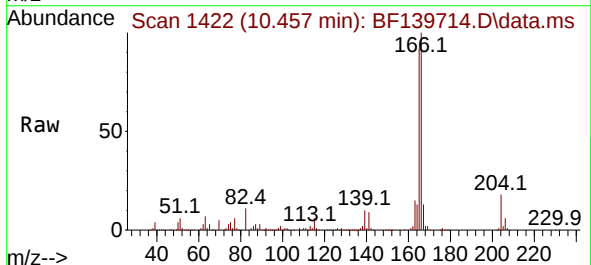
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS



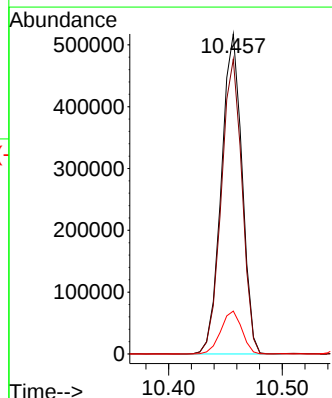
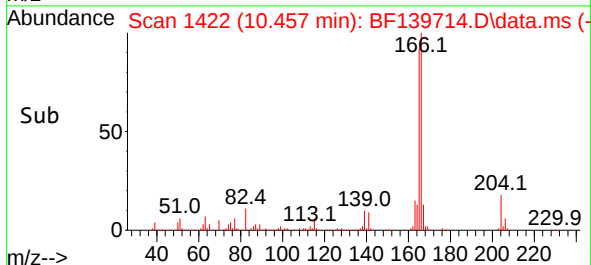
Tgt Ion:165 Resp: 199276  
Ion Ratio Lower Upper  
165 100  
63 59.5 46.9 70.3  
89 81.5 64.4 96.6  
182 2.7 2.2 3.2

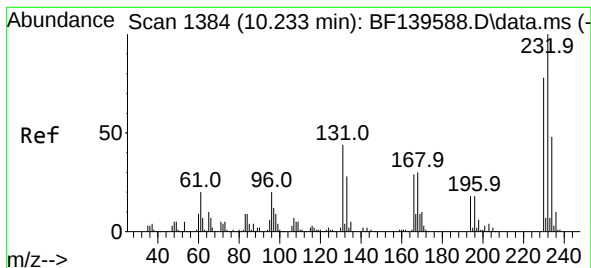


#58  
Fluorene  
Concen: 45.902 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11



Tgt Ion:166 Resp: 655659  
Ion Ratio Lower Upper  
166 100  
165 92.2 74.4 111.6  
167 13.4 10.9 16.3

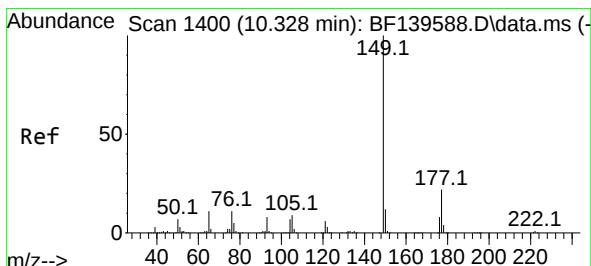
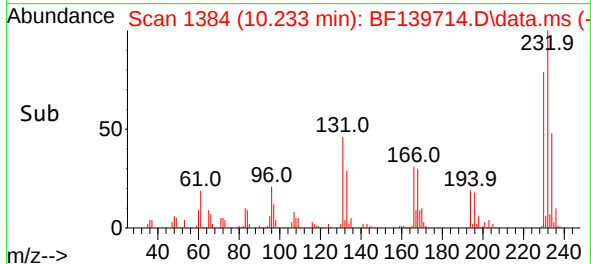
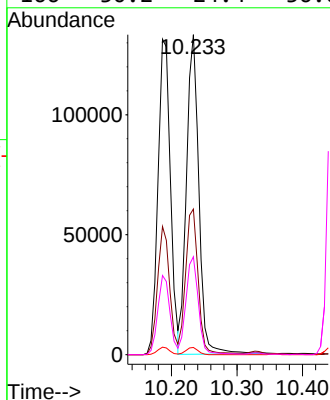
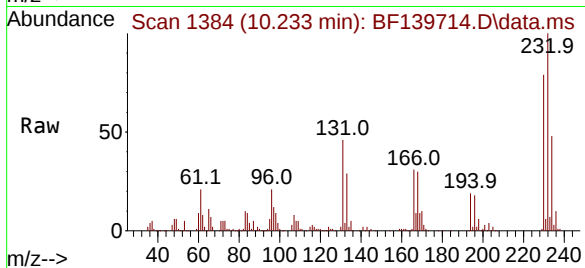




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.461 ng  
RT: 10.233 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

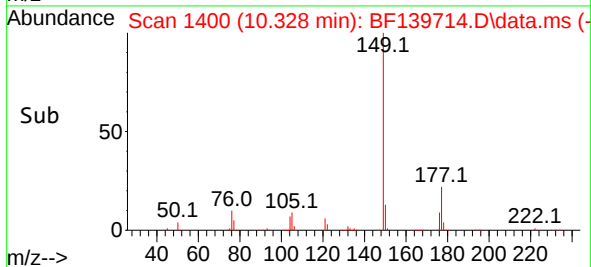
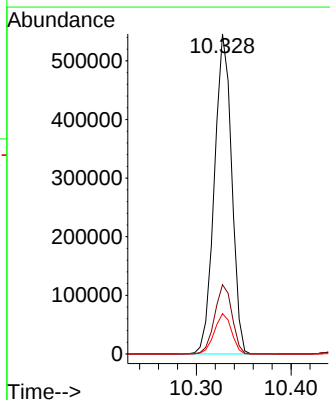
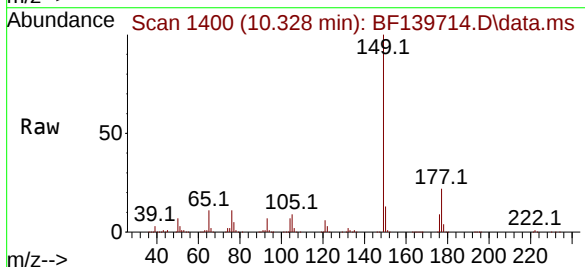
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

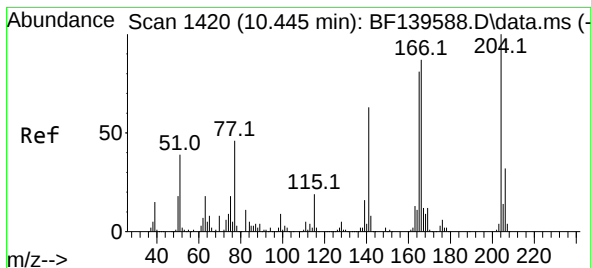
Tgt Ion:232 Resp: 173860  
Ion Ratio Lower Upper  
232 100  
131 46.7 37.8 56.6  
130 2.2 1.9 2.9  
166 30.2 24.4 36.6



#60  
Diethylphthalate  
Concen: 46.551 ng  
RT: 10.328 min Scan# 1400  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:149 Resp: 692549  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.4 26.0  
150 12.6 10.0 15.0

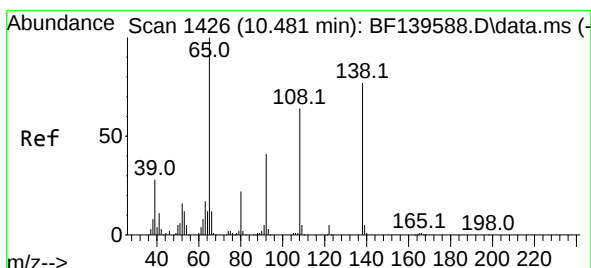
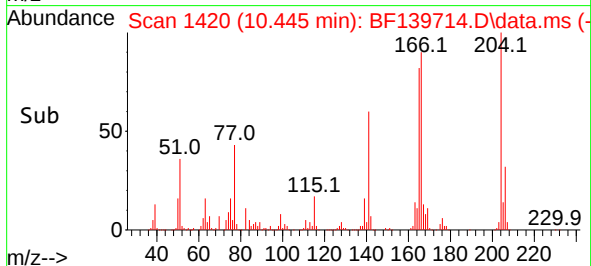
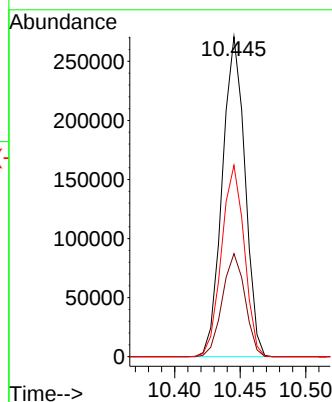
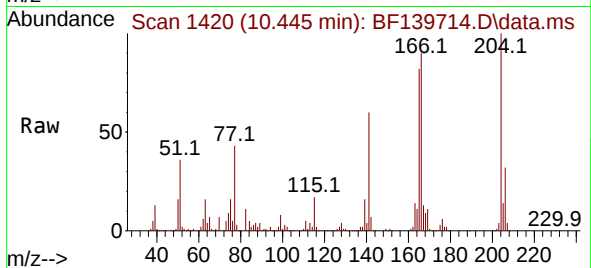




#61  
4-Chlorophenyl-phenylether  
Concen: 45.551 ng  
RT: 10.445 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

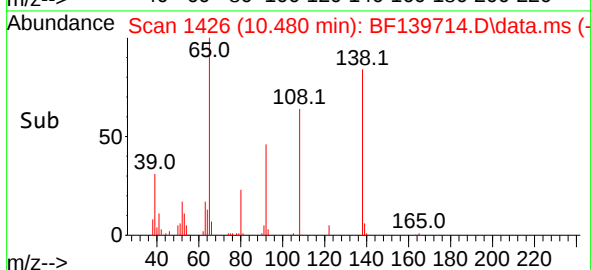
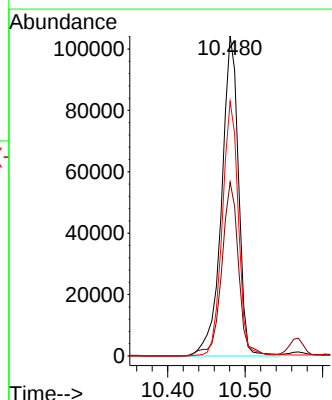
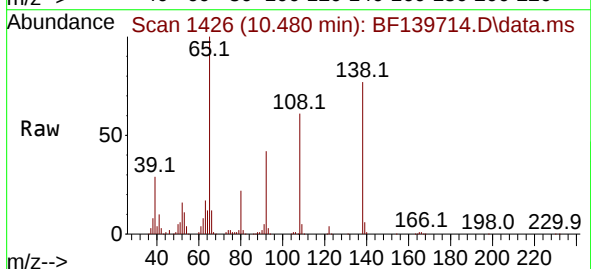
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

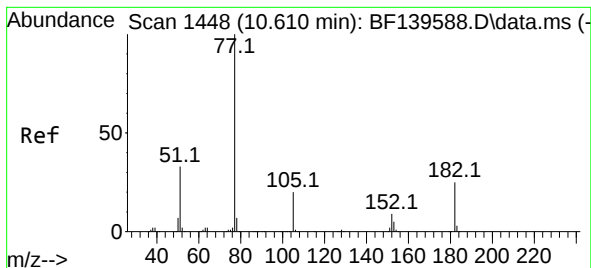
Tgt Ion:204 Resp: 325515  
Ion Ratio Lower Upper  
204 100  
206 32.2 25.9 38.9  
141 59.8 50.5 75.7



#62  
4-Nitroaniline  
Concen: 46.567 ng  
RT: 10.480 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:138 Resp: 158379  
Ion Ratio Lower Upper  
138 100  
92 54.4 33.3 73.3  
108 79.6 62.1 102.1





#63

Azobenzene

Concen: 46.440 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

PB163970BS

Tgt Ion: 77 Resp: 694809

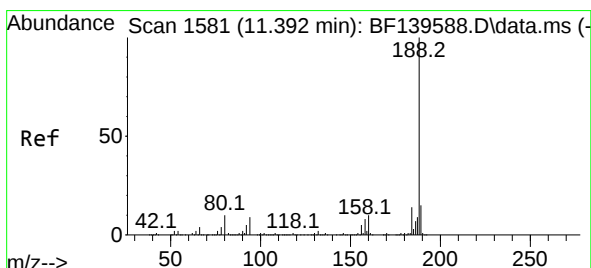
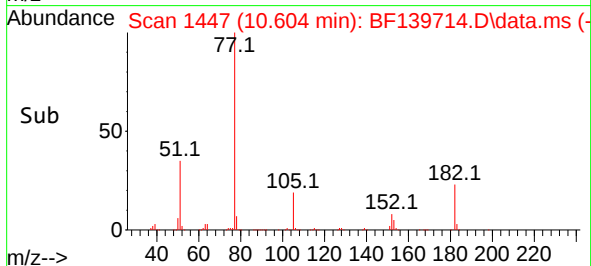
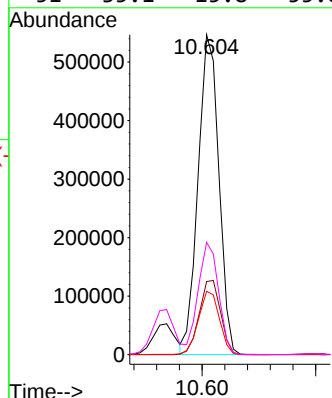
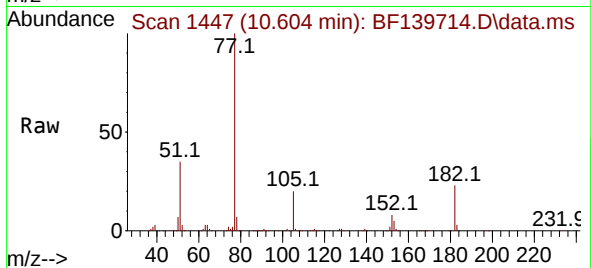
Ion Ratio Lower Upper

77 100

182 22.8 4.2 44.2

105 19.8 0.0 39.6

51 35.1 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

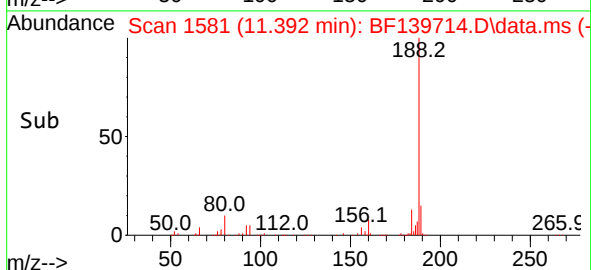
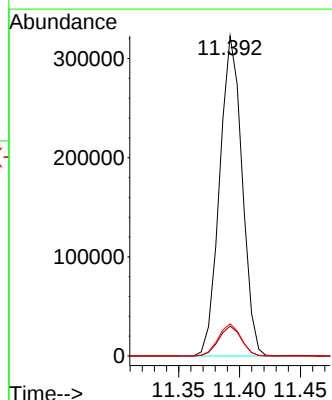
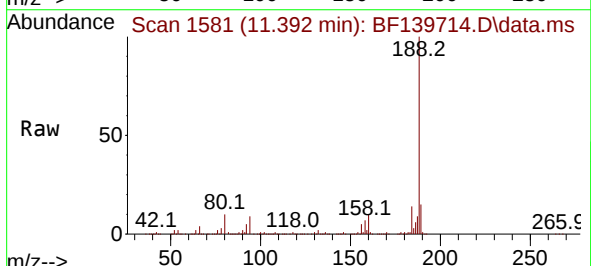
Tgt Ion: 188 Resp: 414520

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.1 8.2 12.2

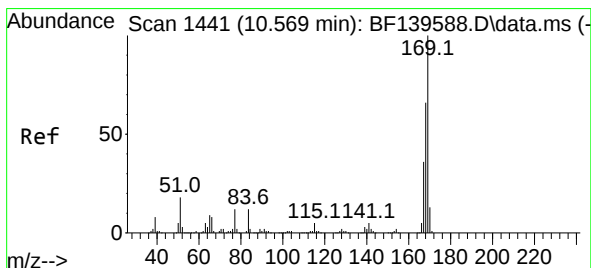
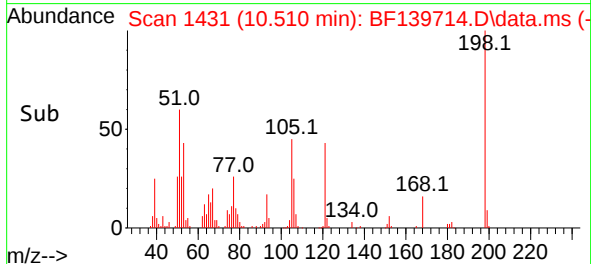
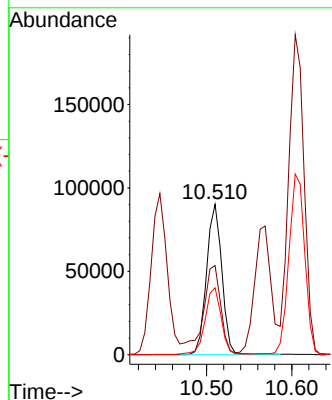
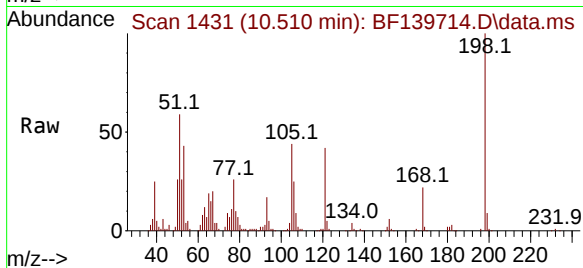




#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.188 ng  
RT: 10.510 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

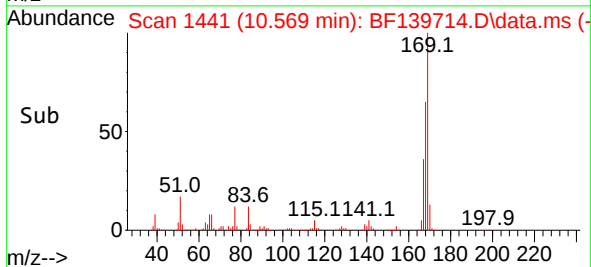
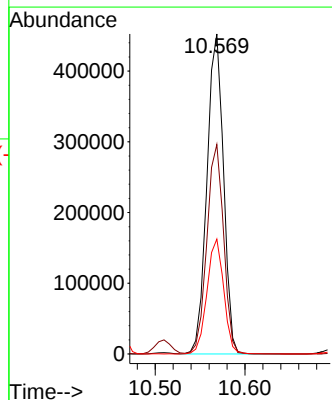
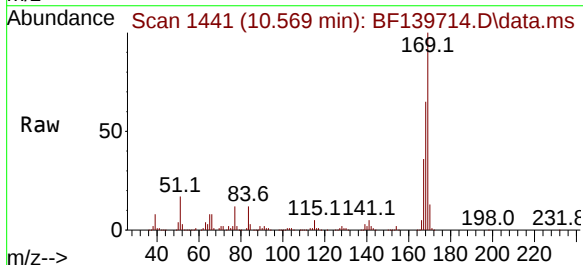
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

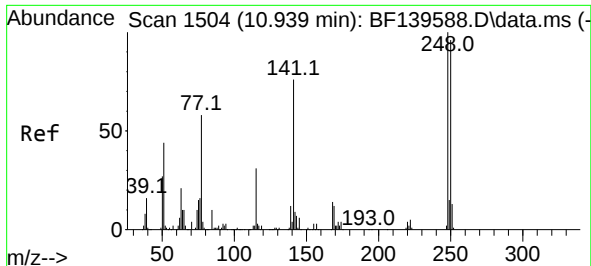
Tgt Ion:198 Resp: 112814  
Ion Ratio Lower Upper  
198 100  
51 59.2 43.0 83.0  
105 44.4 26.6 66.6



#66  
n-Nitrosodiphenylamine  
Concen: 47.413 ng  
RT: 10.569 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

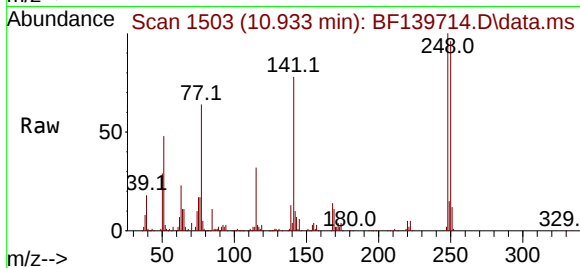
Tgt Ion:169 Resp: 579321  
Ion Ratio Lower Upper  
169 100  
168 65.5 53.2 79.8  
167 35.9 28.6 43.0



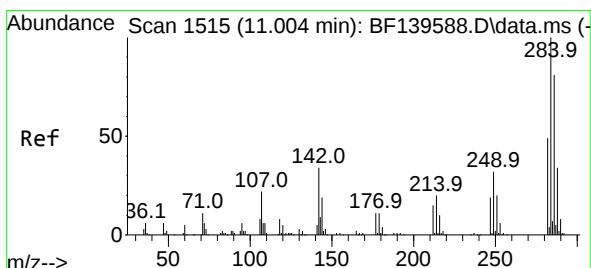
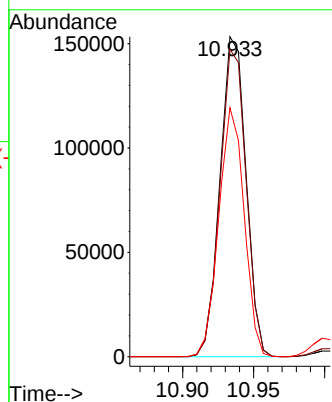
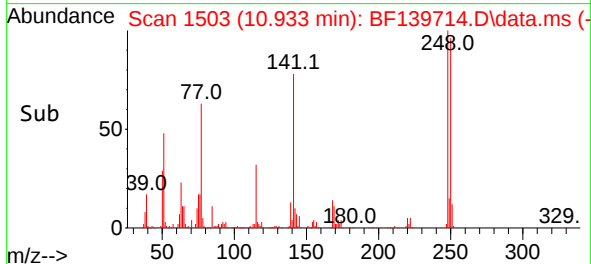


#67  
4-Bromophenyl-phenylether  
Concen: 46.054 ng  
RT: 10.933 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

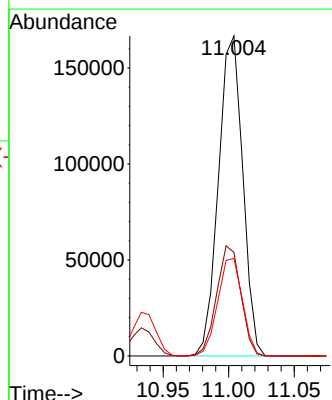
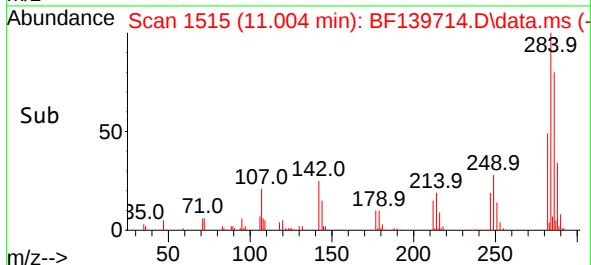
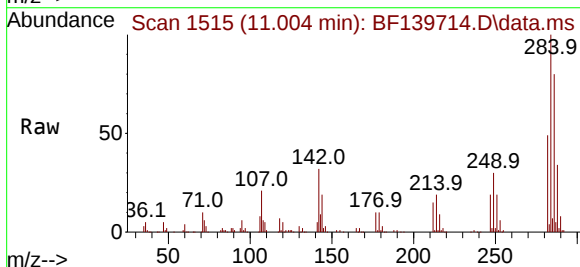


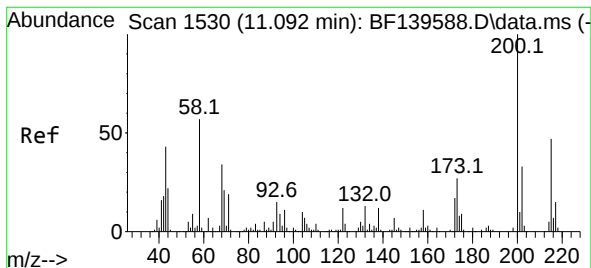
Tgt Ion:248 Resp: 195736  
Ion Ratio Lower Upper  
248 100  
250 96.0 77.1 115.7  
141 77.8 60.4 90.6



#68  
Hexachlorobenzene  
Concen: 45.579 ng  
RT: 11.004 min Scan# 1515  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:284 Resp: 214954  
Ion Ratio Lower Upper  
284 100  
142 32.4 26.9 40.3  
249 30.5 25.4 38.0





#69

Atrazine

Concen: 57.553 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

PB163970BS

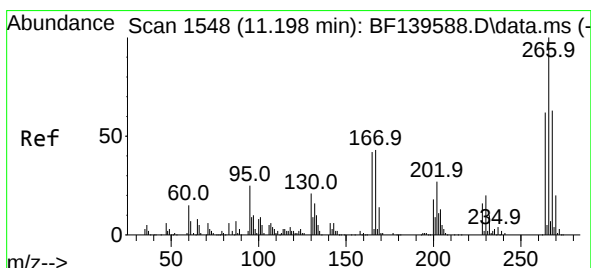
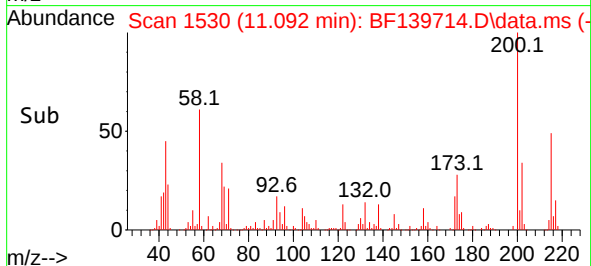
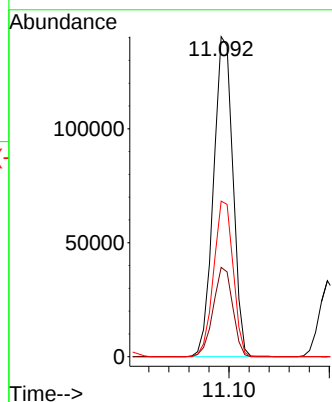
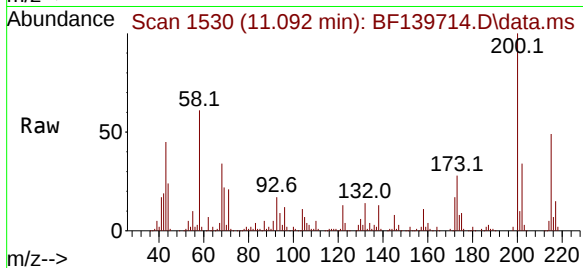
Tgt Ion:200 Resp: 188674

Ion Ratio Lower Upper

200 100

173 27.9 6.7 46.7

215 48.6 27.5 67.5



#70

Pentachlorophenol

Concen: 85.539 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

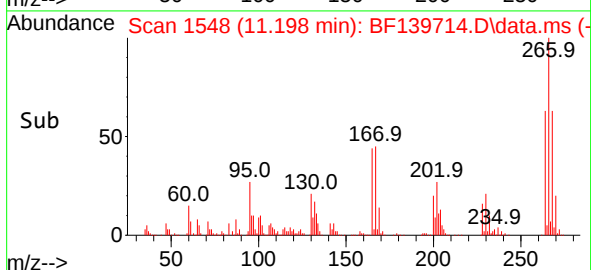
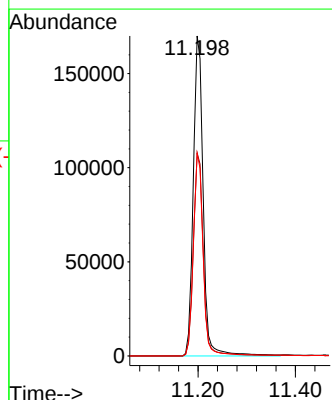
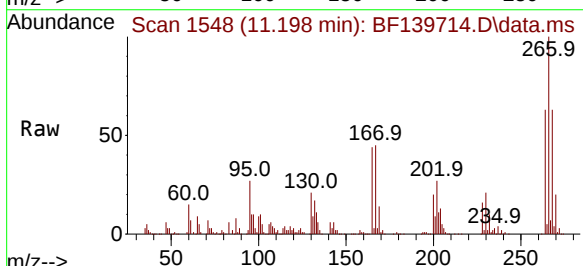
Tgt Ion:266 Resp: 240211

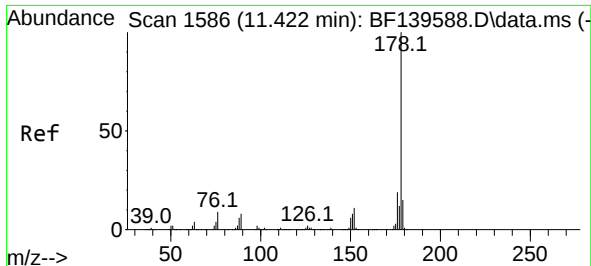
Ion Ratio Lower Upper

266 100

268 63.4 50.0 75.0

264 63.3 49.3 73.9

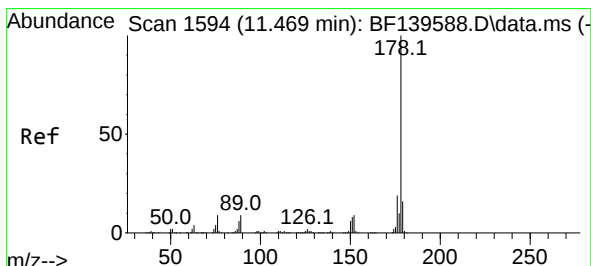
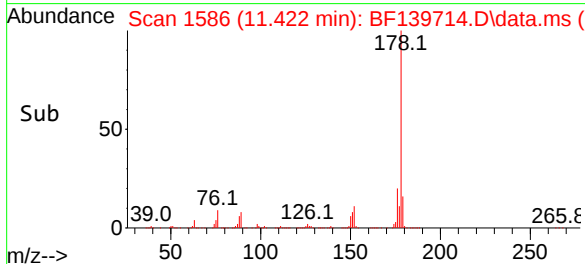
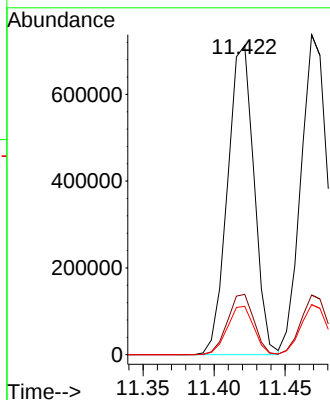
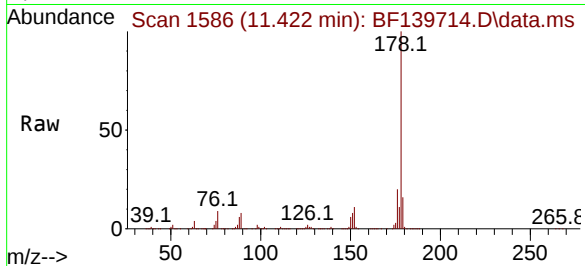




#71  
Phenanthrene  
Concen: 47.479 ng  
RT: 11.422 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

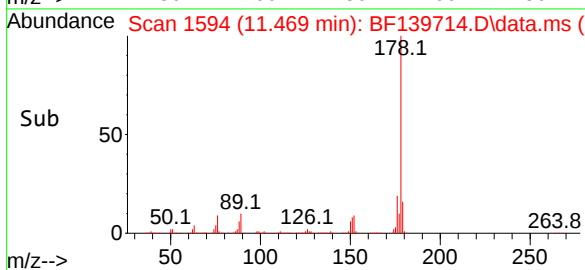
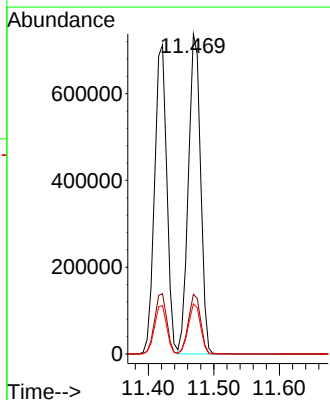
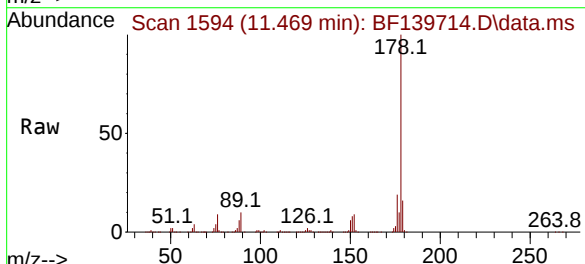
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

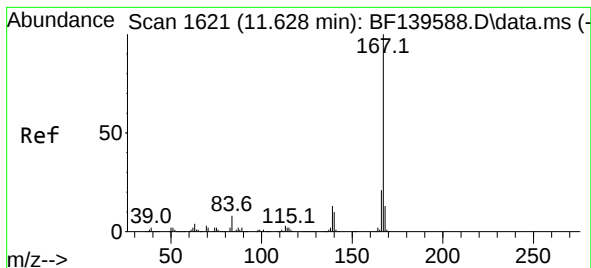
Tgt Ion:178 Resp: 927971  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.5 23.3  
179 15.6 12.3 18.5



#72  
Anthracene  
Concen: 49.169 ng  
RT: 11.469 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:178 Resp: 950725  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.1 22.7  
179 15.7 12.5 18.7





#73

Carbazole

Concen: 46.536 ng

RT: 11.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

PB163970BS

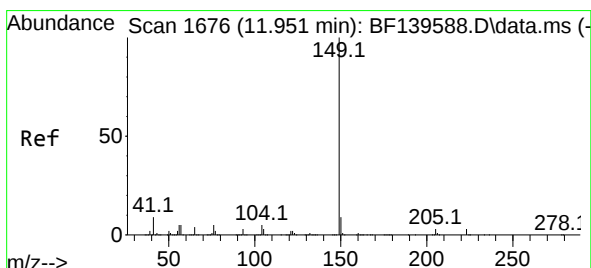
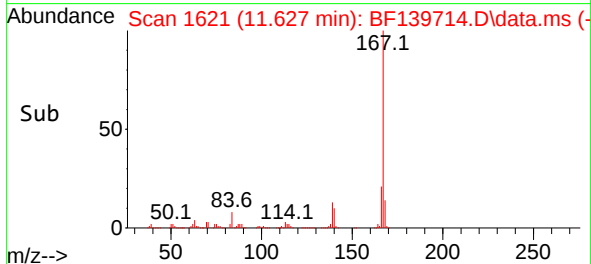
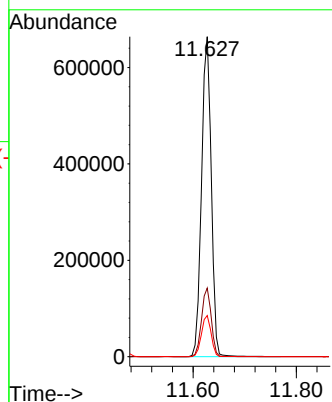
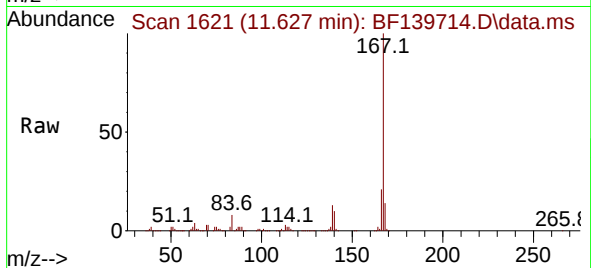
Tgt Ion:167 Resp: 864219

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 46.957 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

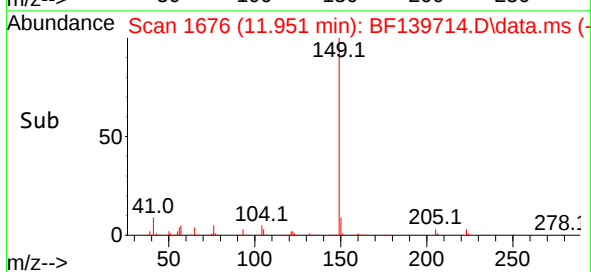
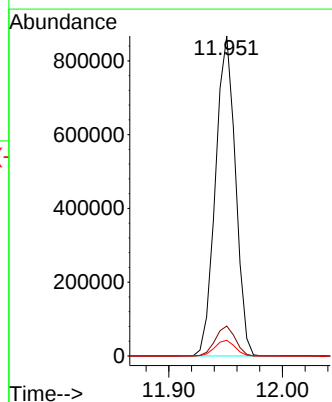
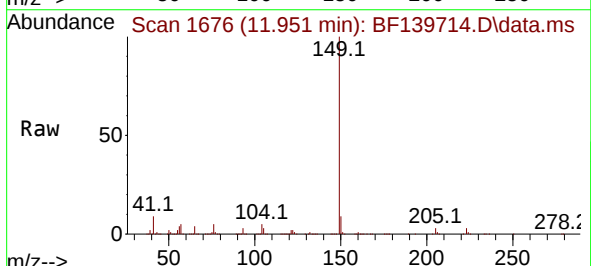
Tgt Ion:149 Resp: 1060440

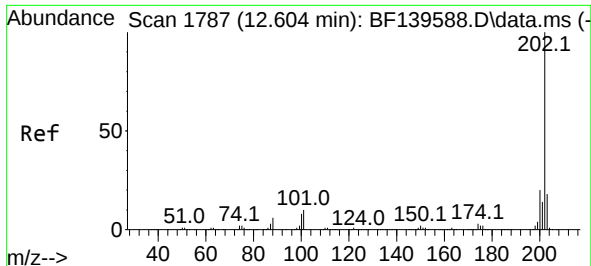
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.9 4.1 6.1

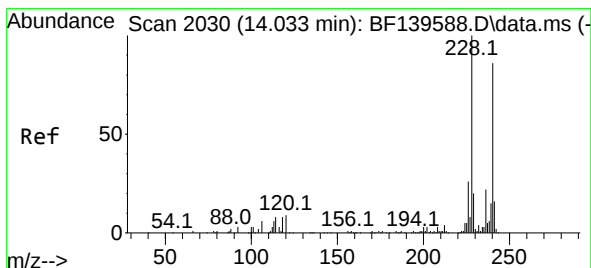
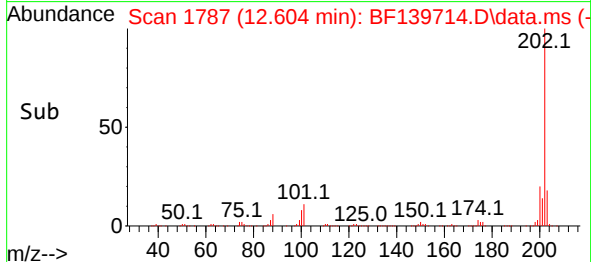
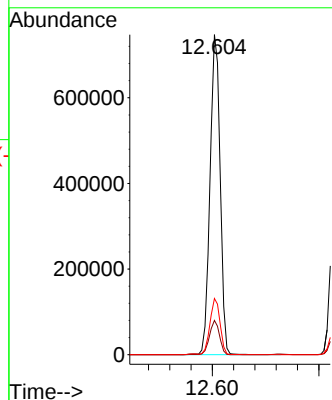
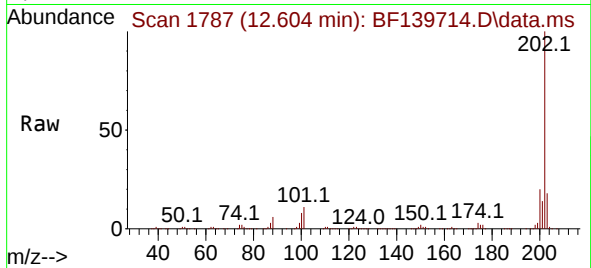




#75  
Fluoranthene  
Concen: 45.994 ng  
RT: 12.604 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

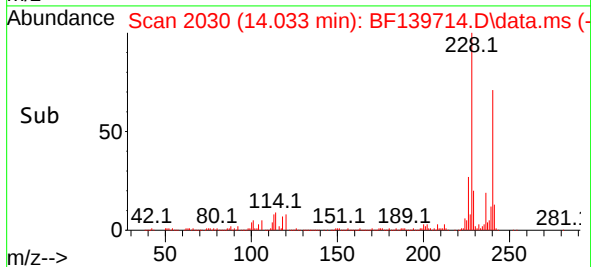
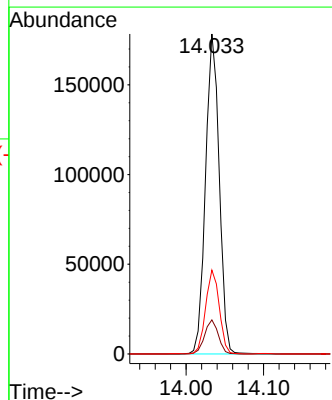
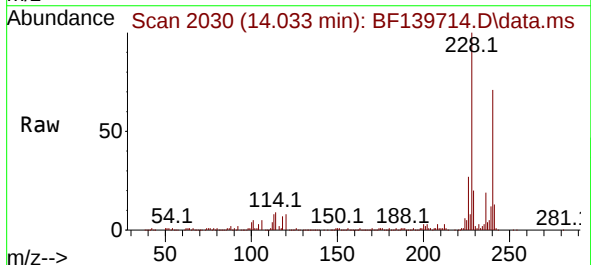
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

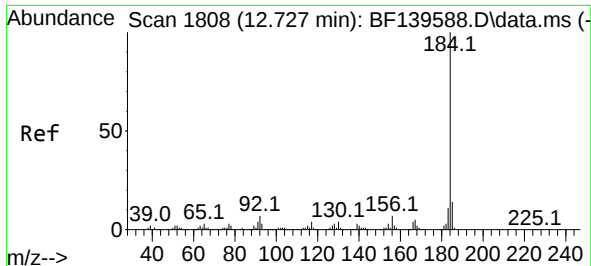
Tgt Ion:202 Resp: 982683  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 30.2  
203 17.6 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. 0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:240 Resp: 218763  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.4 12.6  
236 26.2 20.3 30.5

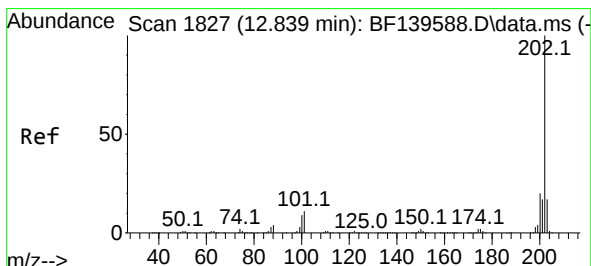
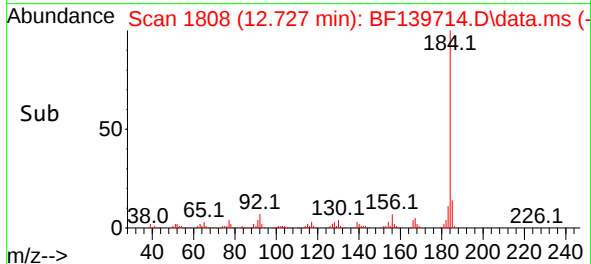
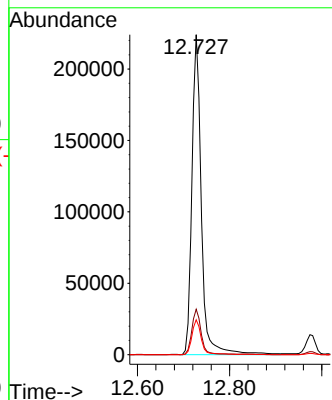
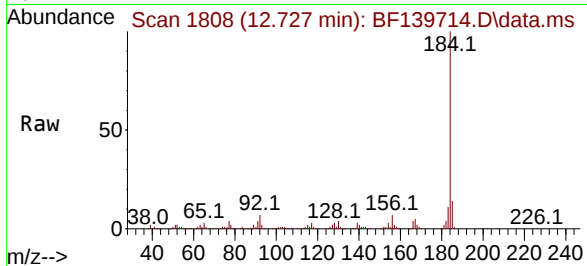




#77  
Benzidine  
Concen: 82.619 ng  
RT: 12.727 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

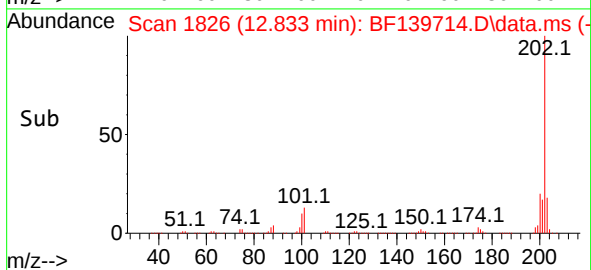
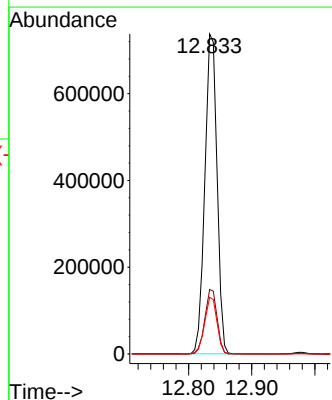
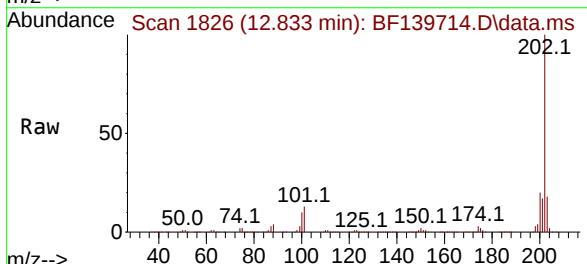
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

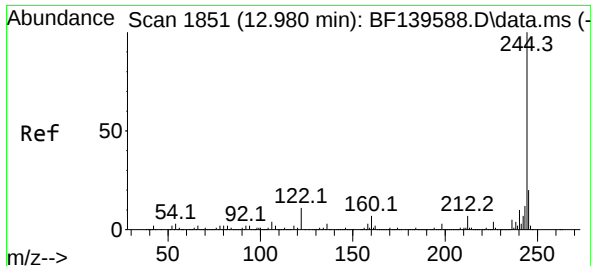
Tgt Ion:184 Resp: 318804  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.4 17.0  
183 10.9 8.8 13.2



#78  
Pyrene  
Concen: 50.595 ng  
RT: 12.833 min Scan# 1826  
Delta R.T. -0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

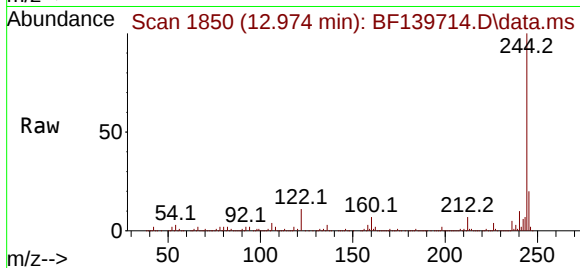
Tgt Ion:202 Resp: 989938  
Ion Ratio Lower Upper  
202 100  
200 20.2 15.8 23.6  
203 17.7 13.8 20.8



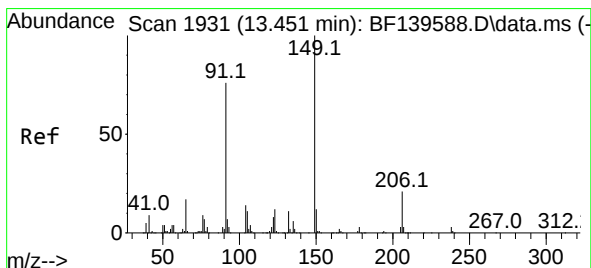
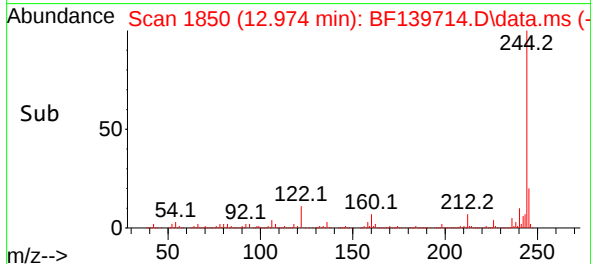
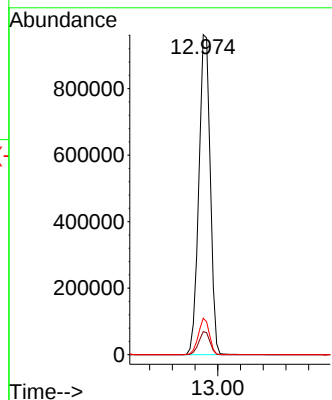


#79  
 Terphenyl-d14  
 Concen: 100.801 ng  
 RT: 12.974 min Scan# 1850  
 Delta R.T. -0.006 min  
 Lab File: BF139714.D  
 Acq: 09 Oct 2024 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163970BS

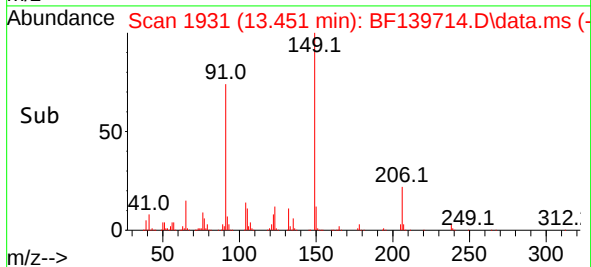
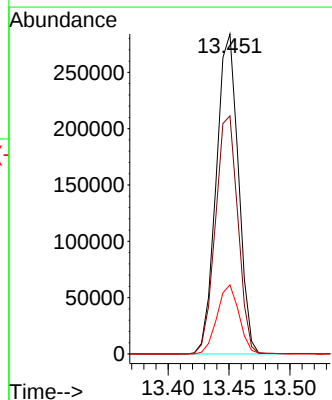
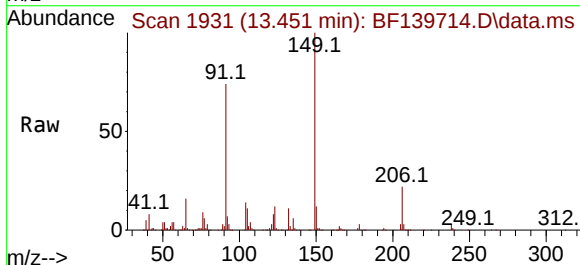


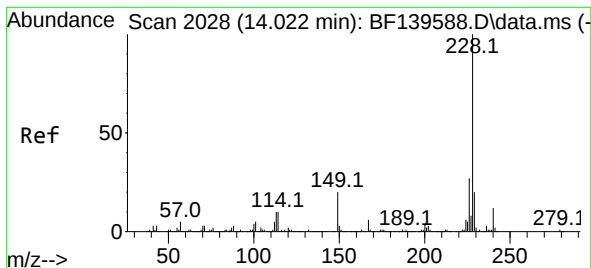
Tgt Ion:244 Resp: 1343922  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 11.4 8.6 12.8



#80  
 Butylbenzylphthalate  
 Concen: 51.472 ng  
 RT: 13.451 min Scan# 1931  
 Delta R.T. -0.000 min  
 Lab File: BF139714.D  
 Acq: 09 Oct 2024 11:11

Tgt Ion:149 Resp: 360232  
 Ion Ratio Lower Upper  
 149 100  
 91 74.4 61.0 91.4  
 206 21.6 16.6 24.8





#81

Benzo(a)anthracene

Concen: 48.197 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

PB163970BS

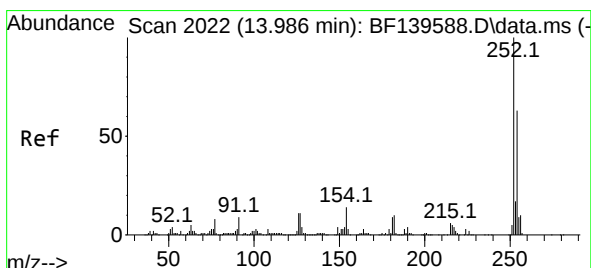
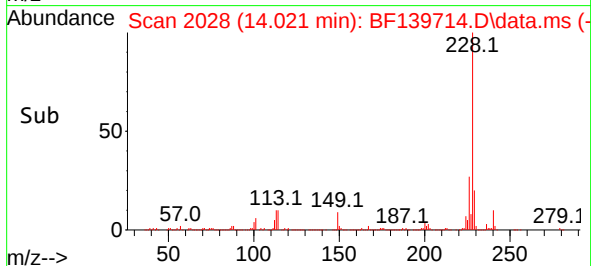
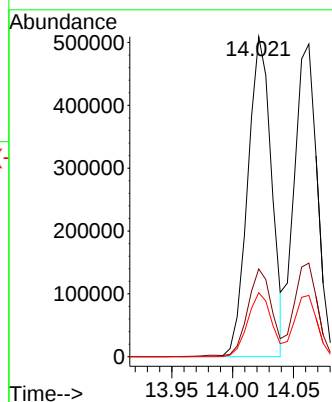
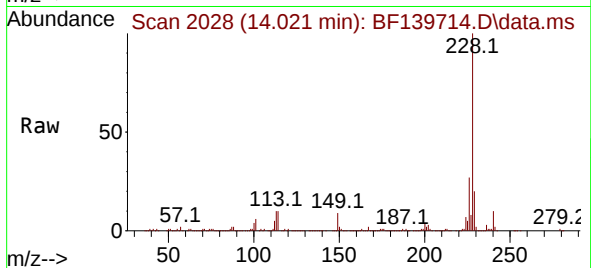
Tgt Ion:228 Resp: 693206

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 37.577 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

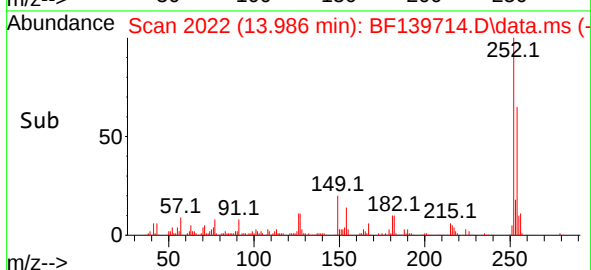
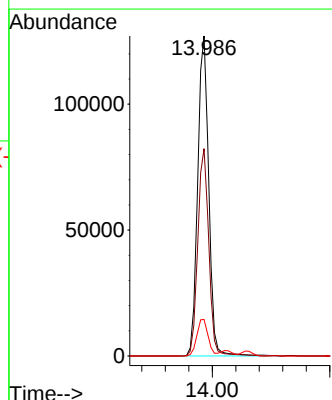
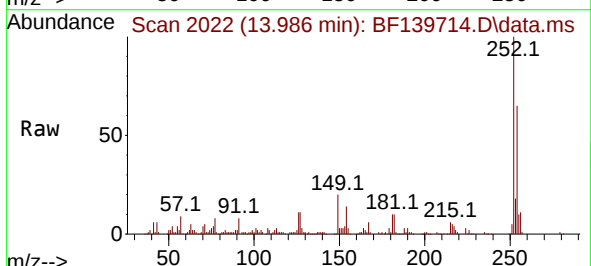
Tgt Ion:252 Resp: 165405

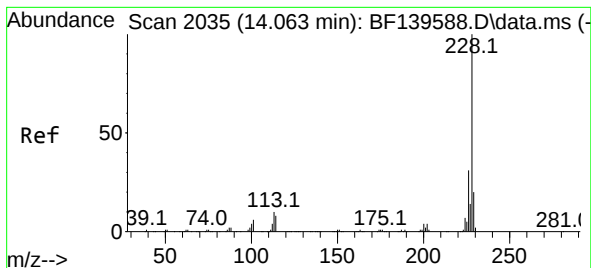
Ion Ratio Lower Upper

252 100

254 64.8 50.5 75.7

126 11.4 8.8 13.2





#83

Chrysene

Concen: 49.525 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

PB163970BS

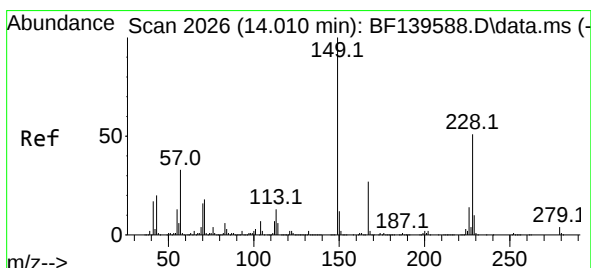
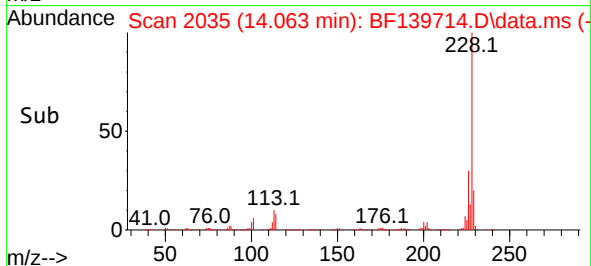
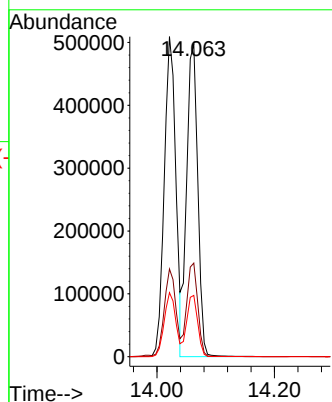
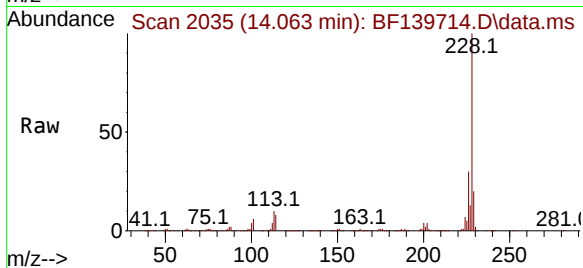
Tgt Ion:228 Resp: 651226

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.087 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

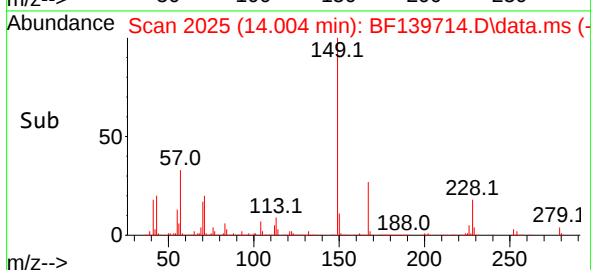
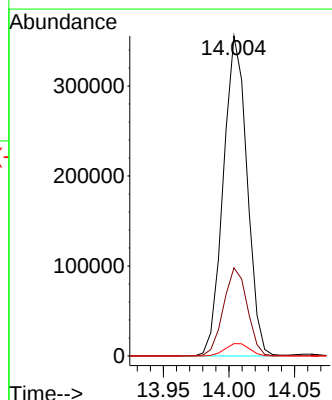
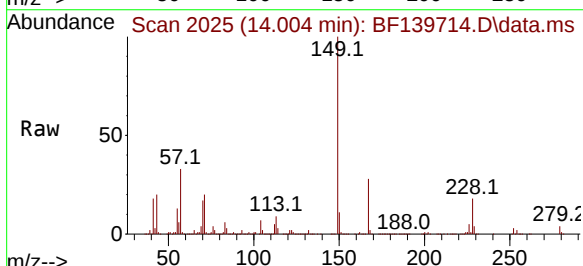
Tgt Ion:149 Resp: 446457

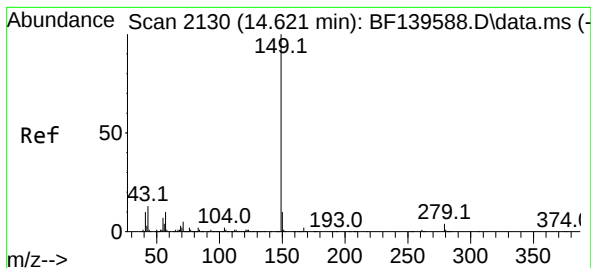
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 49.184 ng

RT: 14.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

PB163970BS

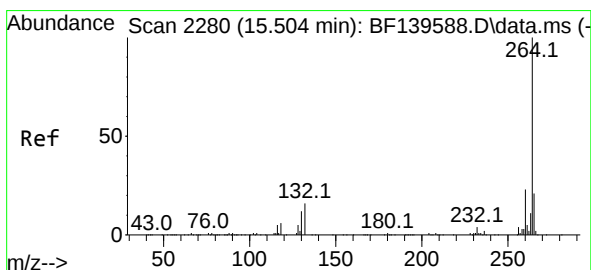
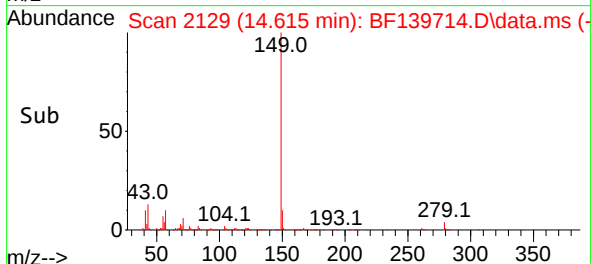
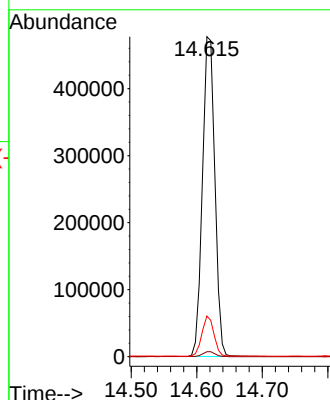
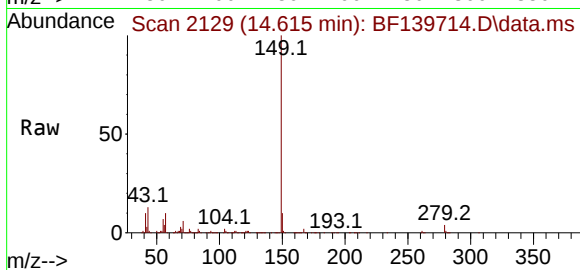
Tgt Ion:149 Resp: 631458

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.0 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

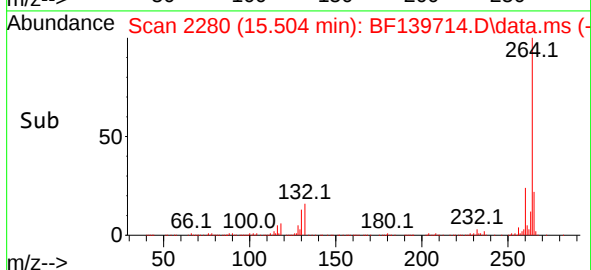
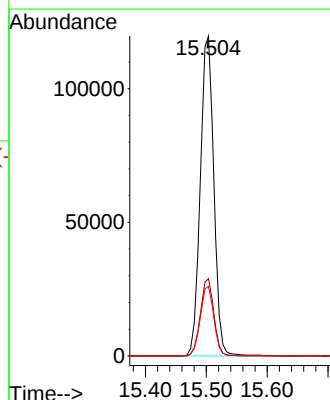
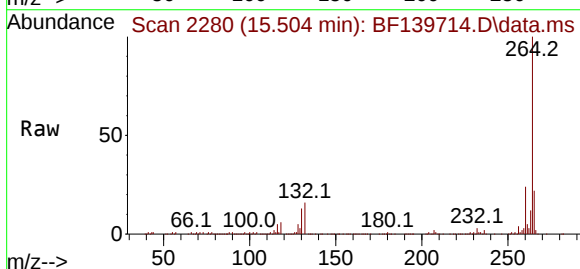
Tgt Ion:264 Resp: 184986

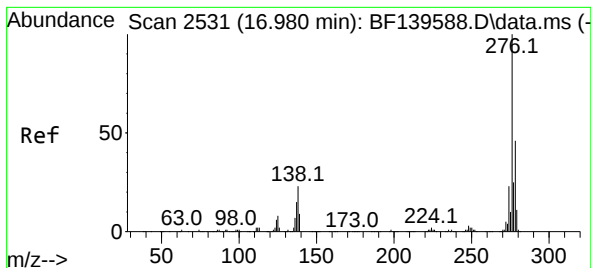
Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.7 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.033 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

Instrument :

BNA\_F

ClientSampleId :

PB163970BS

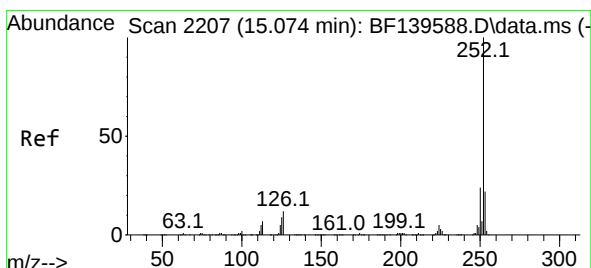
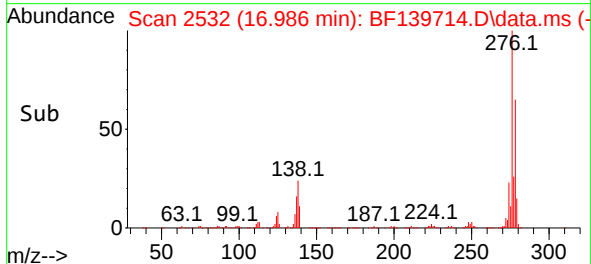
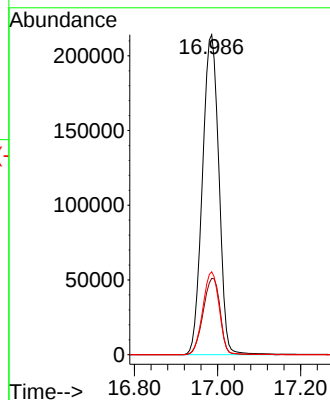
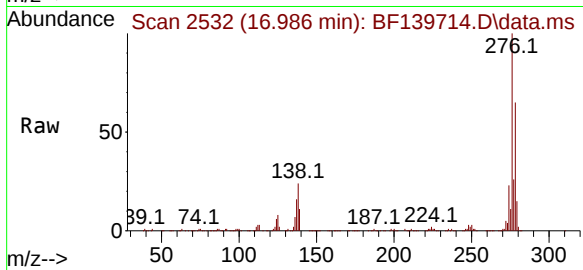
Tgt Ion:276 Resp: 588300

Ion Ratio Lower Upper

276 100

138 24.5 19.4 29.0

277 25.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.571 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BF139714.D

Acq: 09 Oct 2024 11:11

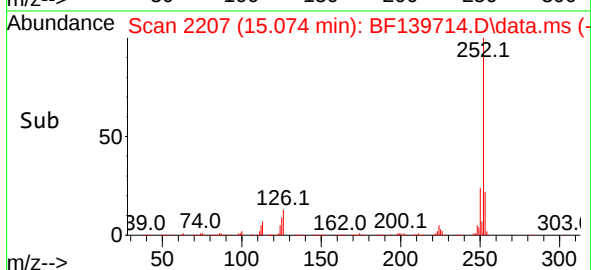
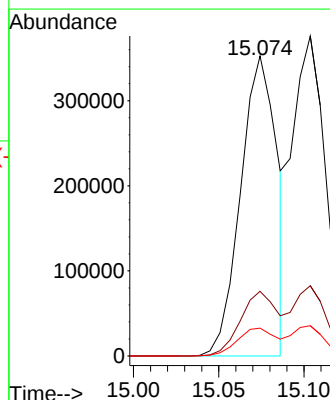
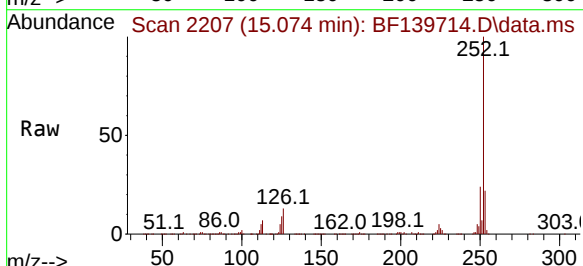
Tgt Ion:252 Resp: 521145

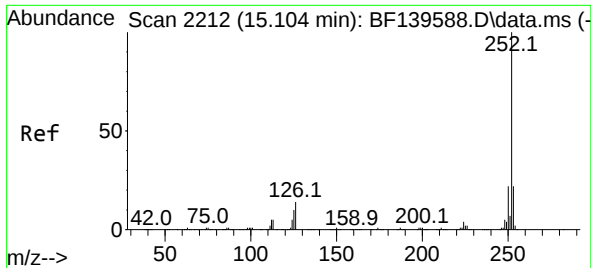
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.3 7.4 11.0

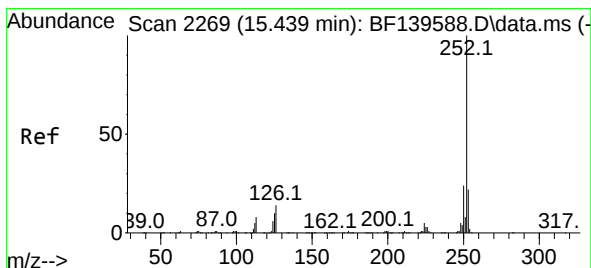
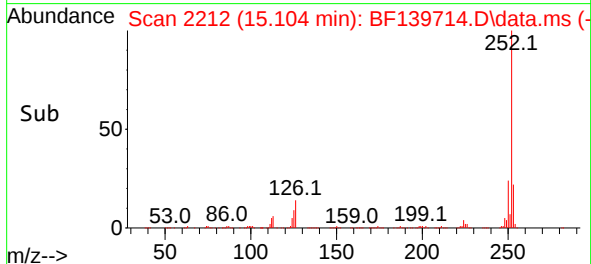
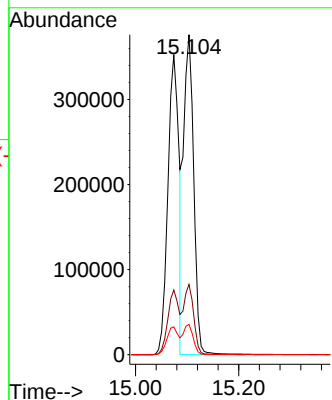
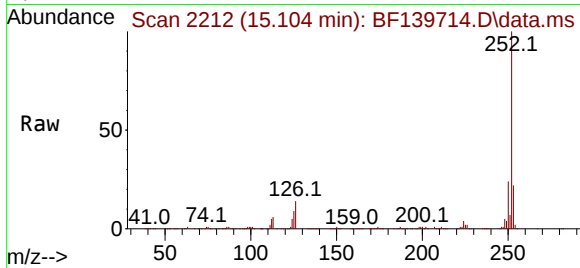




#89  
Benzo(k)fluoranthene  
Concen: 50.589 ng  
RT: 15.104 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

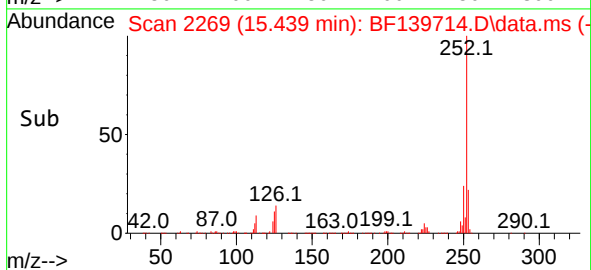
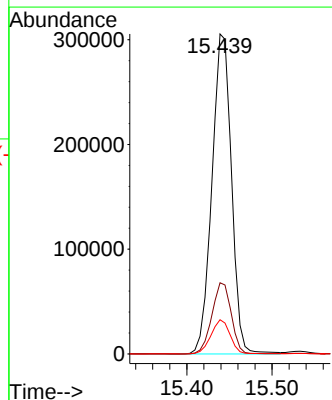
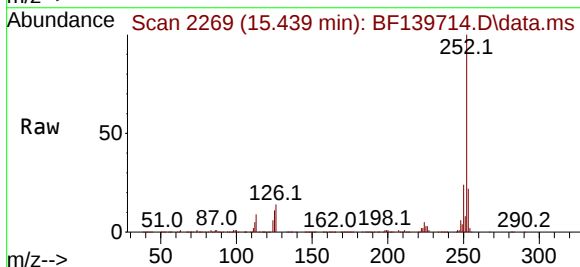
Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

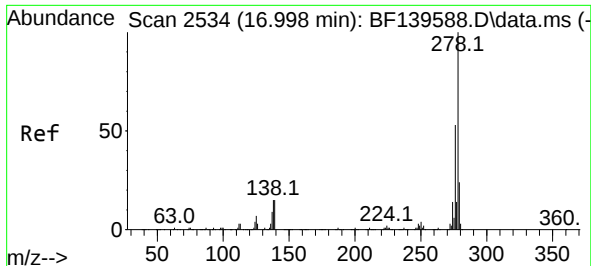
Tgt Ion:252 Resp: 513275  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 9.5 7.6 11.4



#90  
Benzo(a)pyrene  
Concen: 51.602 ng  
RT: 15.439 min Scan# 2269  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:252 Resp: 486662  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.3 25.9  
125 10.7 8.3 12.5

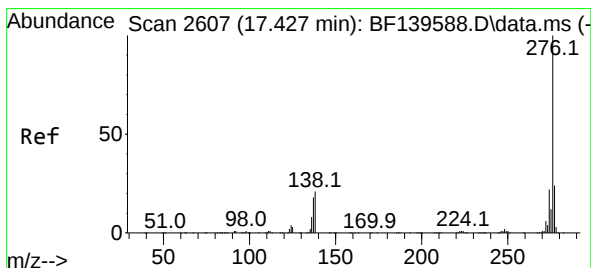
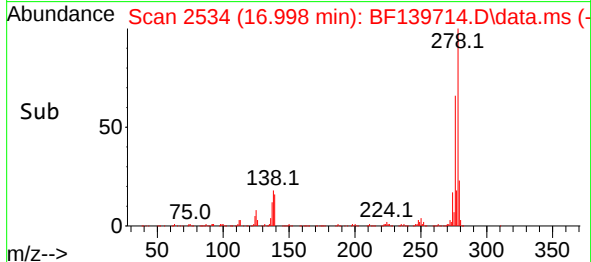
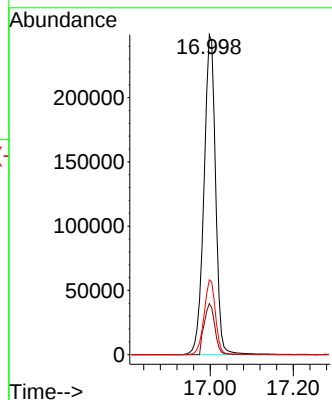
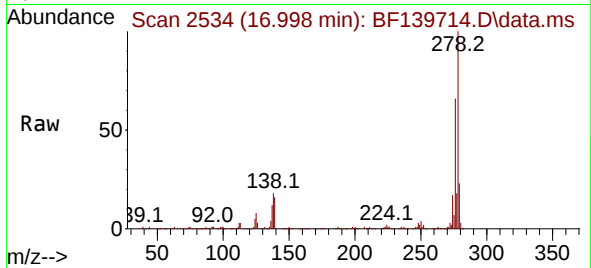




#91  
Dibenzo(a,h)anthracene  
Concen: 53.746 ng  
RT: 16.998 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB163970BS

Tgt Ion:278 Resp: 485358  
Ion Ratio Lower Upper  
278 100  
139 15.9 12.2 18.4  
279 23.3 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 50.043 ng  
RT: 17.433 min Scan# 2608  
Delta R.T. 0.006 min  
Lab File: BF139714.D  
Acq: 09 Oct 2024 11:11

Tgt Ion:276 Resp: 453223  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.0 28.6  
138 20.8 17.0 25.6

