

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051322\  
 Data File : BG053553.D  
 Acq On : 13 May 2022 21:42  
 Operator : CG/JU  
 Sample : N2795-02MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 VNJ-239MS

Quant Time: May 14 03:15:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 11 06:00:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.082  | 152  | 31448    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.896 | 136  | 129927   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.714 | 164  | 97646    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.458 | 188  | 217200   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.740 | 240  | 202761   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.018 | 264  | 213726   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.656  | 112  | 172357   | 93.015  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.254  | 99   | 262181   | 93.229  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.251  | 82   | 182019   | 59.636  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.200 | 330  | 127071   | 88.234  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.334 | 172  | 410297   | 61.401  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.060 | 244  | 692026   | 63.566  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.529  | 88   | 33752    | 34.716  | ng    | # 90     |
| 3) Pyridine                   | 3.929  | 79   | 88530    | 37.286  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.841  | 42   | 59200    | 51.183  | ng    | # 95     |
| 6) Aniline                    | 7.406  | 93   | 137735   | 44.220  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.653  | 128  | 109992   | 56.781  | ng    | 100      |
| 9) Benzaldehyde               | 7.218  | 77   | 70333    | 39.368  | ng    | 94       |
| 10) Phenol                    | 7.277  | 94   | 152563   | 55.469  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.495  | 93   | 104165   | 50.780  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.976  | 146  | 116519   | 50.987  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.123  | 146  | 116472   | 50.506  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.440  | 146  | 112497   | 51.949  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.323  | 79   | 126927   | 53.986  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.611  | 45   | 166546   | 49.885  | ng    | 97       |
| 17) 2-Methylphenol            | 8.534  | 107  | 103090   | 55.455  | ng    | 99       |
| 18) Hexachloroethane          | 9.169  | 117  | 44686    | 51.027  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.887  | 70   | 100747   | 49.931  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.857  | 107  | 141641   | 53.948  | ng    | 98       |
| 22) Acetophenone              | 8.910  | 105  | 174678   | 49.123  | ng    | 97       |
| 24) Nitrobenzene              | 9.292  | 77   | 153890   | 52.093  | ng    | 98       |
| 25) Isophorone                | 9.815  | 82   | 278957   | 54.307  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.003 | 139  | 63942    | 53.442  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 10.062 | 122  | 109947   | 61.061  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.291 | 93   | 145222   | 49.156  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.549 | 162  | 123756   | 56.947  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.761 | 180  | 130902   | 53.015  | ng    | 98       |
| 31) Naphthalene               | 10.949 | 128  | 339678   | 51.396  | ng    | 98       |
| 32) Benzoic acid              | 10.250 | 122  | 62804    | 54.420  | ng    | 94       |
| 33) 4-Chloroaniline           | 11.049 | 127  | 67912    | 24.536  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.231 | 225  | 95788    | 52.317  | ng    | 98       |
| 35) Caprolactam               | 11.842 | 113  | 23140    | 29.301  | ng    | # 90     |
| 36) 4-Chloro-3-methylphenol   | 12.176 | 107  | 139941   | 53.834  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.547 | 142  | 244892   | 49.652  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.764 | 142  | 241111   | 50.105  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.917 | 216  | 165295   | 53.703  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.893 | 237  | 151158   | 116.087 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.152 | 196  | 112221   | 55.856  | ng    | 98       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 11 06:00:46 2022  
 Response via : Initial Calibration

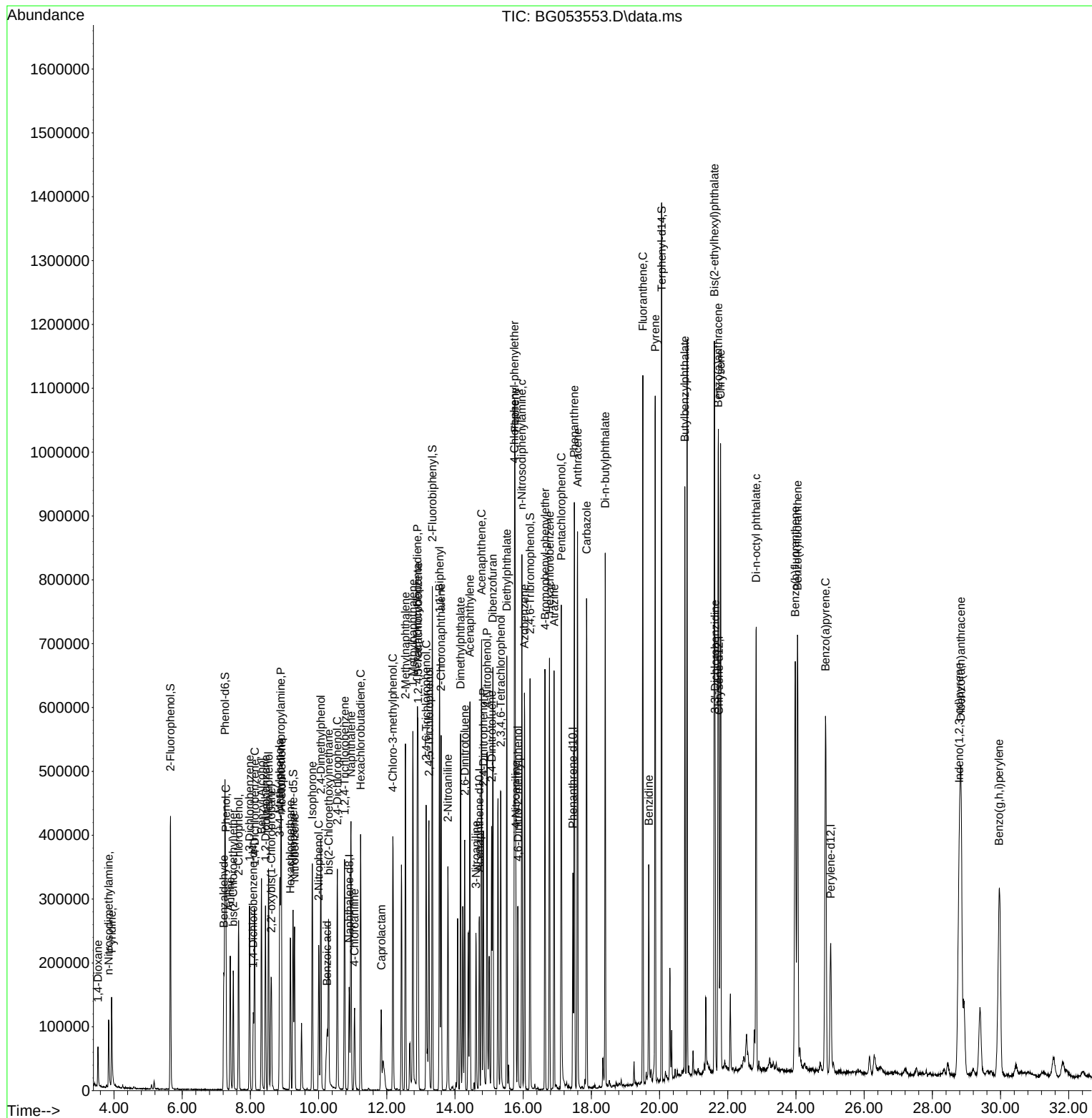
| Compound                       | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.234 | 196  | 118986   | 55.645  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.545 | 154  | 347002   | 52.134  | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.592 | 162  | 270573   | 51.886  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.792 | 65   | 104512   | 53.786  | ng    | 96       |
| 49) Acenaphthylene             | 14.438 | 152  | 451621   | 54.272  | ng    | 99       |
| 50) Dimethylphthalate          | 14.162 | 163  | 362403   | 48.840  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.285 | 165  | 77931    | 51.551  | ng    | 99       |
| 52) Acenaphthene               | 14.779 | 154  | 256905   | 51.805  | ng    | 98       |
| 53) 3-Nitroaniline             | 14.614 | 138  | 57030    | 34.915  | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.832 | 184  | 93401    | 95.980  | ng    | 96       |
| 55) Dibenzofuran               | 15.108 | 168  | 438950   | 49.278  | ng    | 97       |
| 56) 4-Nitrophenol              | 14.937 | 139  | 120039   | 102.891 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 15.073 | 165  | 111268   | 50.778  | ng    | # 88     |
| 58) Fluorene                   | 15.760 | 166  | 356987   | 49.941  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.343 | 232  | 110691   | 51.020  | ng    | 98       |
| 60) Diethylphthalate           | 15.519 | 149  | 370451   | 48.331  | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.742 | 204  | 197423   | 49.495  | ng    | 97       |
| 62) 4-Nitroaniline             | 15.783 | 138  | 75243    | 44.413  | ng    | 96       |
| 63) Azobenzene                 | 16.036 | 77   | 380128   | 48.431  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph...  | 15.842 | 198  | 66752    | 51.576  | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.960 | 169  | 313416   | 54.960  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.641 | 248  | 140692   | 55.464  | ng    | 98       |
| 68) Hexachlorobenzene          | 16.770 | 284  | 154681   | 55.679  | ng    | 97       |
| 69) Atrazine                   | 16.905 | 200  | 129942   | 54.127  | ng    | 96       |
| 70) Pentachlorophenol          | 17.117 | 266  | 161420   | 106.273 | ng    | 97       |
| 71) Phenanthrene               | 17.499 | 178  | 590508   | 53.468  | ng    | 99       |
| 72) Anthracene                 | 17.593 | 178  | 574883   | 52.958  | ng    | 98       |
| 73) Carbazole                  | 17.857 | 167  | 512680   | 48.189  | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.403 | 149  | 584541   | 48.853  | ng    | 99       |
| 75) Fluoranthene               | 19.508 | 202  | 719215   | 50.294  | ng    | 98       |
| 77) Benzidine                  | 19.684 | 184  | 216791   | 49.606  | ng    | 99       |
| 78) Pyrene                     | 19.872 | 202  | 717859   | 54.691  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.741 | 149  | 256069   | 53.202  | ng    | 94       |
| 81) Benzo(a)anthracene         | 21.716 | 228  | 700537   | 54.169  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.628 | 252  | 175955   | 53.652  | ng    | 95       |
| 83) Chrysene                   | 21.787 | 228  | 640605   | 53.037  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha...  | 21.605 | 149  | 419072   | 63.082  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.833 | 149  | 612347   | 54.510  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.789 | 276  | 795827   | 53.463  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.978 | 252  | 736718   | 58.235  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.043 | 252  | 661948   | 53.248  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.865 | 252  | 688444   | 63.936  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.836 | 278  | 685073   | 55.853  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.958 | 276  | 676545   | 55.645  | ng    | 97       |

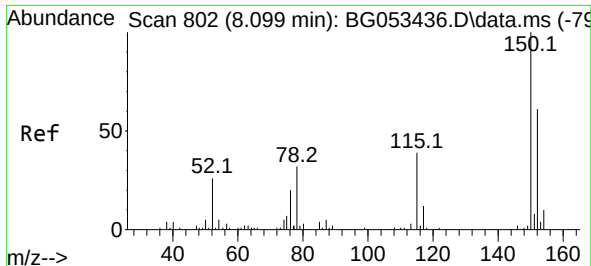
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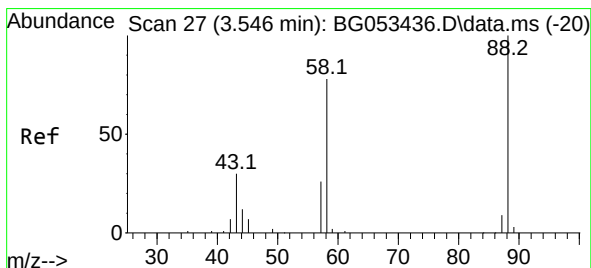
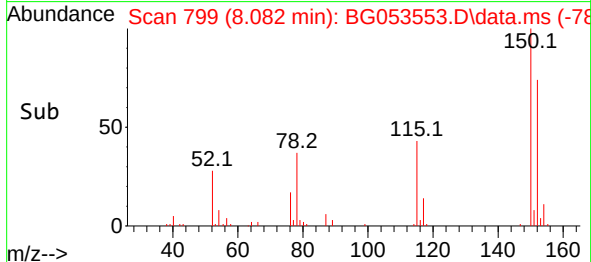
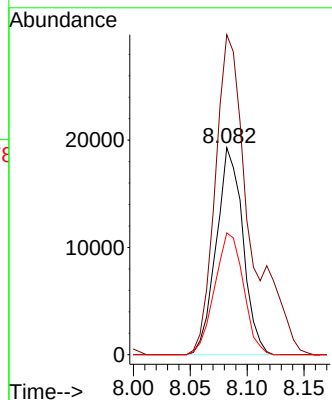
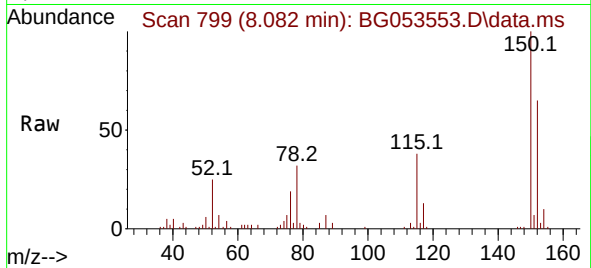




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.082 min Scan# 79  
 Delta R.T. -0.007 min  
 Lab File: BG053553.D  
 Acq: 13 May 2022 21:42

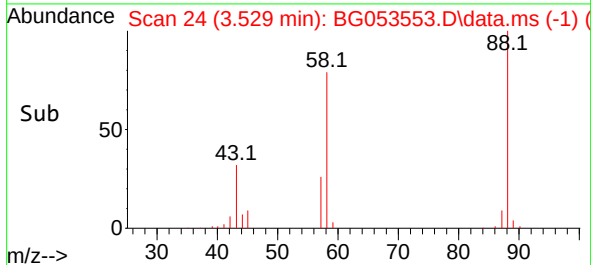
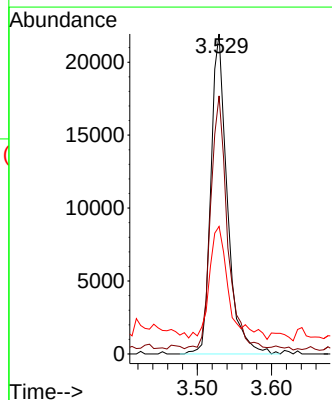
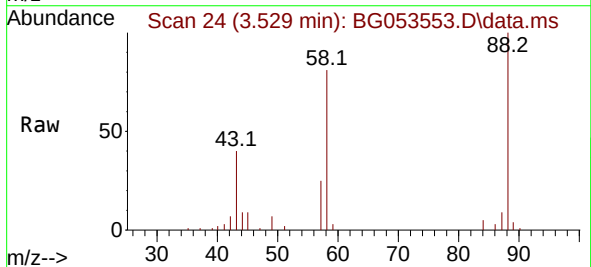
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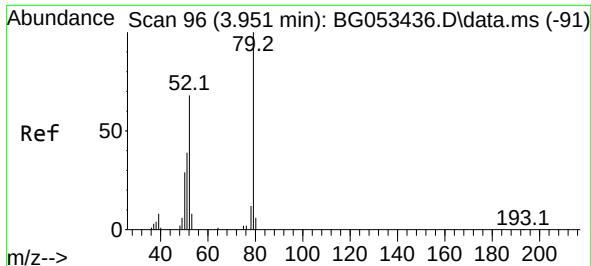
Tgt Ion:152 Resp: 31448  
 Ion Ratio Lower Upper  
 152 100  
 150 154.6 131.6 197.4  
 115 58.8 50.9 76.3



#2  
 1,4-Dioxane  
 Concen: 34.716 ng  
 RT: 3.529 min Scan# 24  
 Delta R.T. -0.007 min  
 Lab File: BG053553.D  
 Acq: 13 May 2022 21:42

Tgt Ion: 88 Resp: 33752  
 Ion Ratio Lower Upper  
 88 100  
 58 78.6 59.2 88.8  
 43 41.5 24.3 36.5#

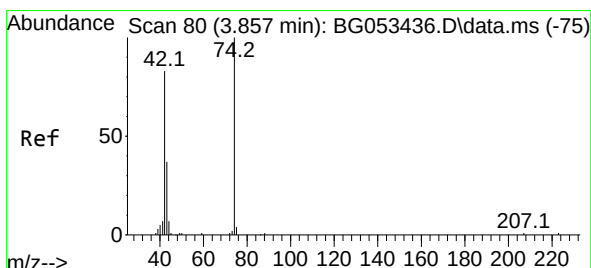
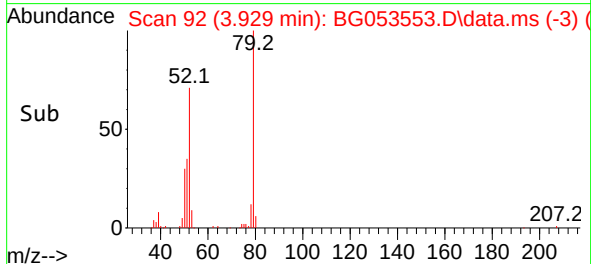
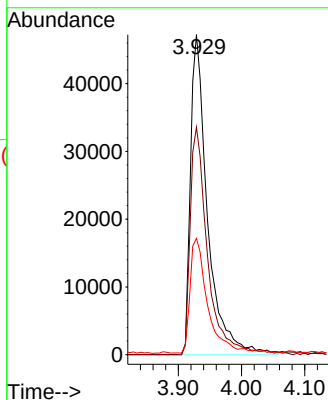
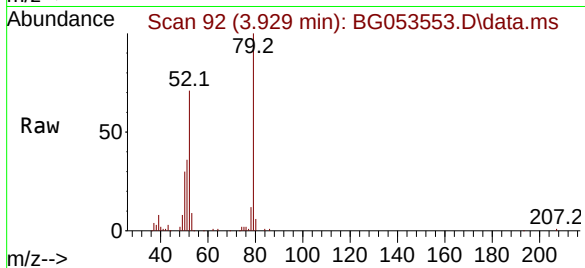




#3  
 Pyridine  
 Concen: 37.286 ng  
 RT: 3.929 min Scan# 91  
 Delta R.T. -0.007 min  
 Lab File: BG053553.D  
 Acq: 13 May 2022 21:42

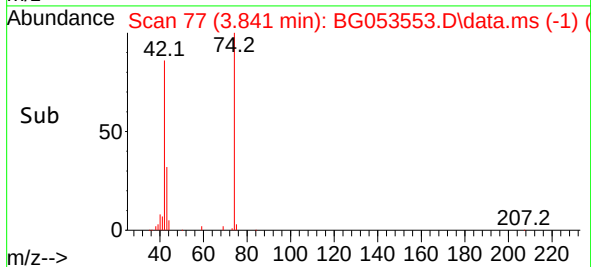
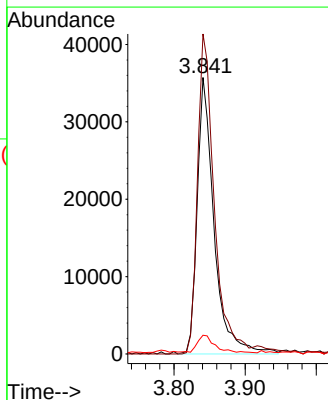
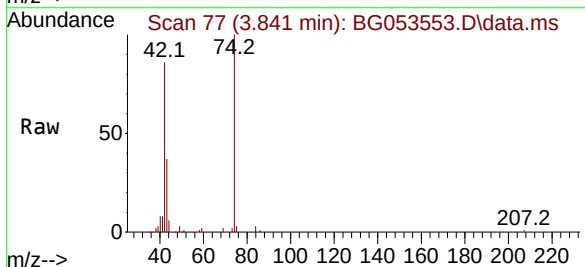
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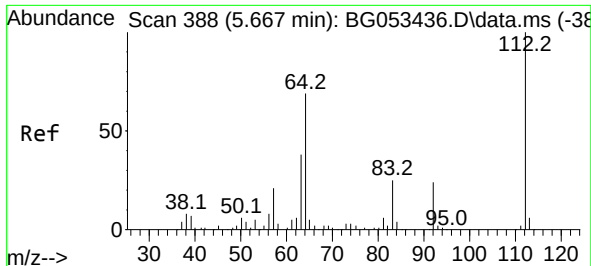
Tgt Ion: 79 Resp: 88530  
 Ion Ratio Lower Upper  
 79 100  
 52 71.1 54.6 81.8  
 51 36.4 32.5 48.7



#4  
 n-Nitrosodimethylamine  
 Concen: 51.183 ng  
 RT: 3.841 min Scan# 77  
 Delta R.T. -0.007 min  
 Lab File: BG053553.D  
 Acq: 13 May 2022 21:42

Tgt Ion: 42 Resp: 59200  
 Ion Ratio Lower Upper  
 42 100  
 74 115.7 97.0 145.4  
 44 6.8 7.0 10.4

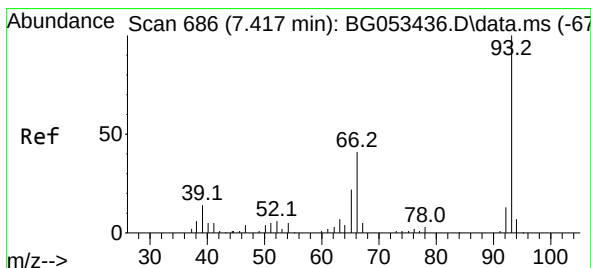
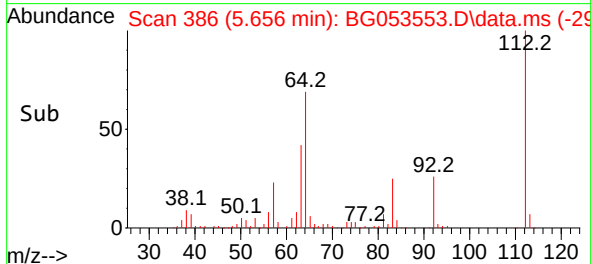
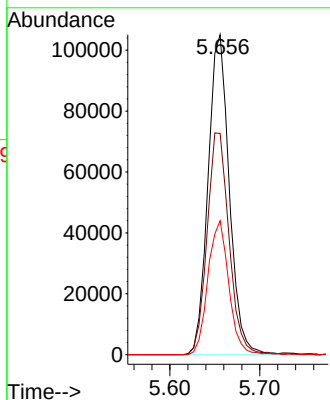
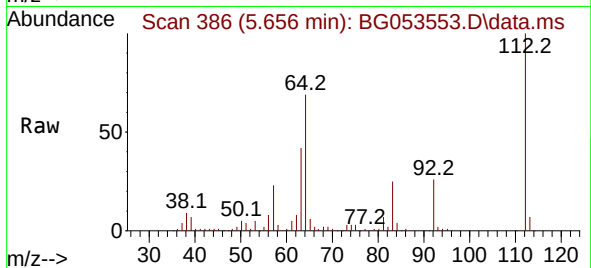




#5  
2-Fluorophenol  
Concen: 93.015 ng  
RT: 5.656 min Scan# 31  
Delta R.T. 0.004 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

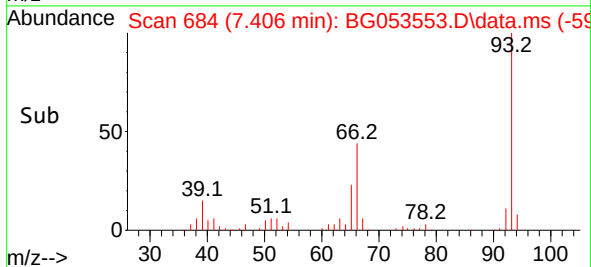
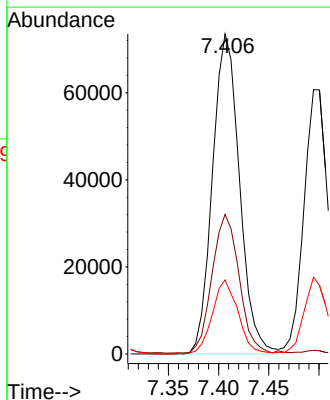
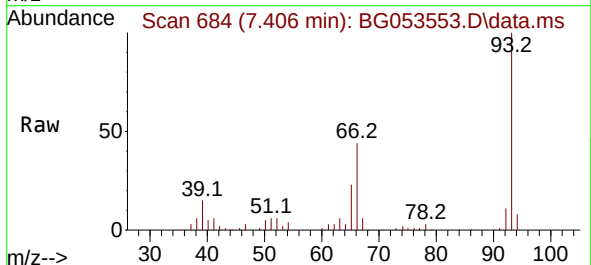
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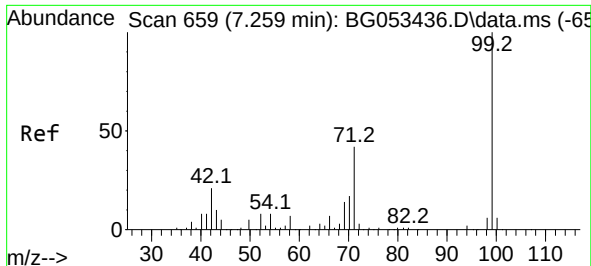
Tgt Ion:112 Resp: 172357  
Ion Ratio Lower Upper  
112 100  
64 69.2 55.1 82.7  
63 41.8 30.4 45.6



#6  
Aniline  
Concen: 44.220 ng  
RT: 7.406 min Scan# 684  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion: 93 Resp: 137735  
Ion Ratio Lower Upper  
93 100  
66 43.6 32.9 49.3  
65 23.2 17.8 26.8

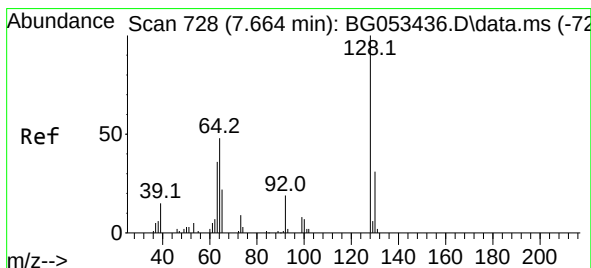
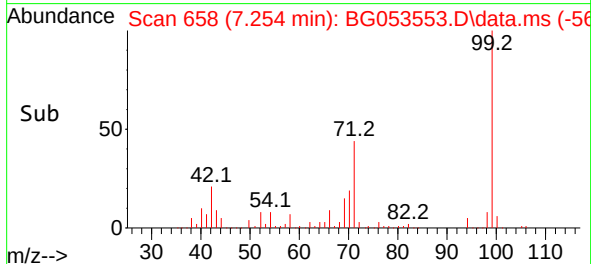
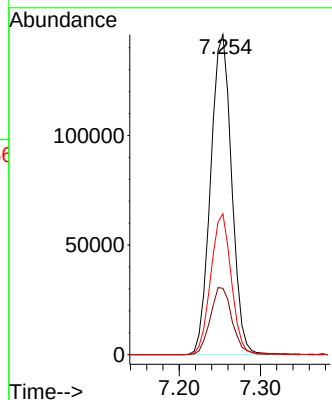
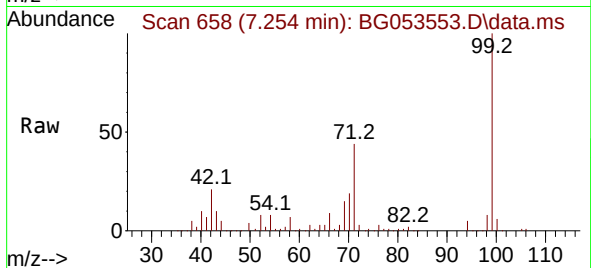




#7  
Phenol-d6  
Concen: 93.229 ng  
RT: 7.254 min Scan# 61  
Delta R.T. 0.004 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

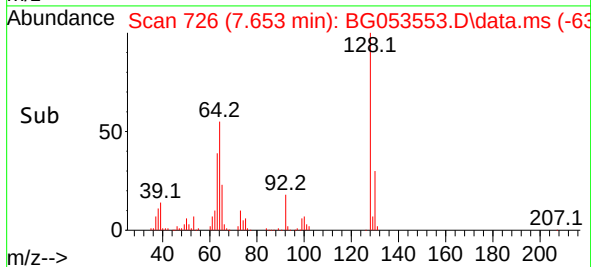
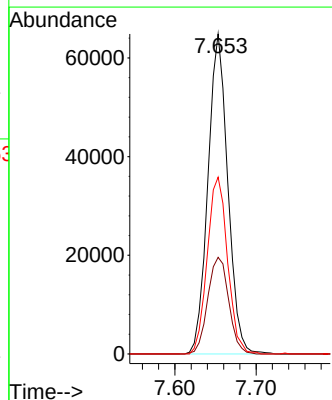
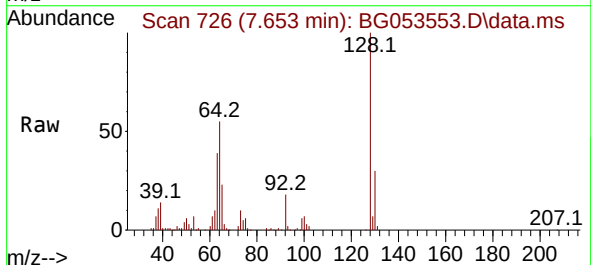
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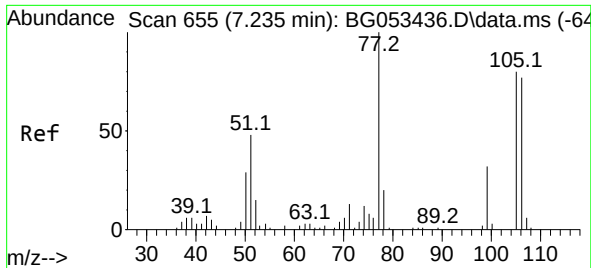
Tgt Ion: 99 Resp: 262181  
Ion Ratio Lower Upper  
99 100  
42 20.7 17.0 25.6  
71 44.0 33.8 50.8



#8  
2-Chlorophenol  
Concen: 56.781 ng  
RT: 7.653 min Scan# 726  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:128 Resp: 109992  
Ion Ratio Lower Upper  
128 100  
130 30.2 10.5 50.5  
64 55.2 35.1 75.1

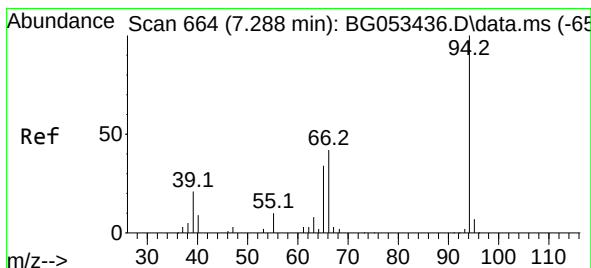
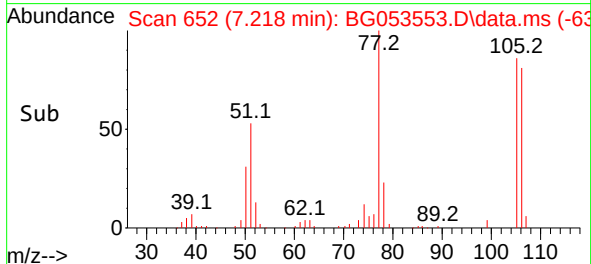
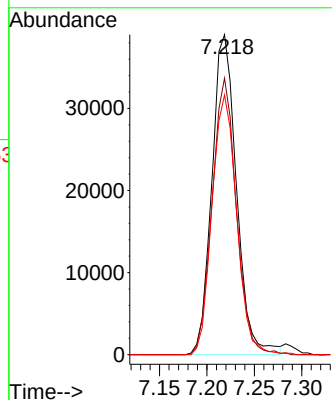
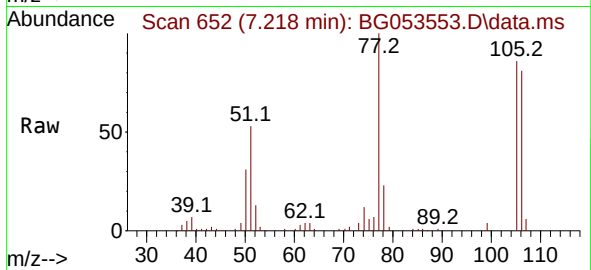




#9  
Benzaldehyde  
Concen: 39.368 ng  
RT: 7.218 min Scan# 611  
Delta R.T. -0.007 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

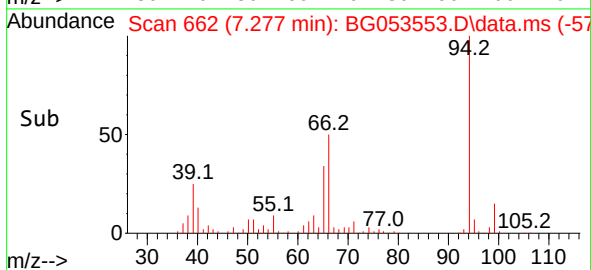
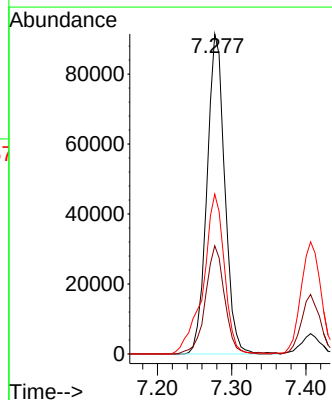
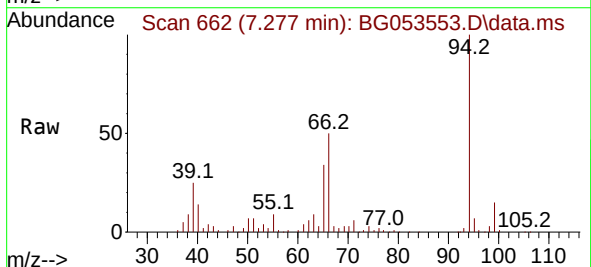
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

Tgt Ion: 77 Resp: 70333  
Ion Ratio Lower Upper  
77 100  
105 86.4 59.6 99.6  
106 81.1 56.8 96.8

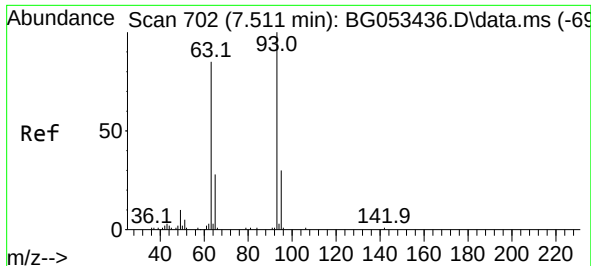


#10  
Phenol  
Concen: 55.469 ng  
RT: 7.277 min Scan# 662  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion: 94 Resp: 152563  
Ion Ratio Lower Upper  
94 100  
65 33.8 14.8 54.8  
66 50.0 25.2 65.2



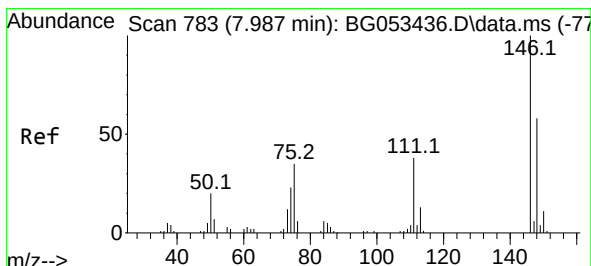
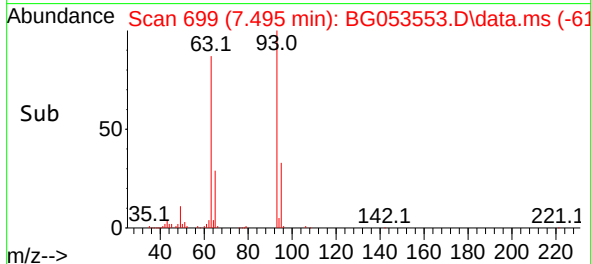
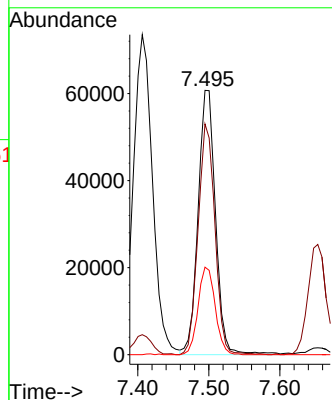
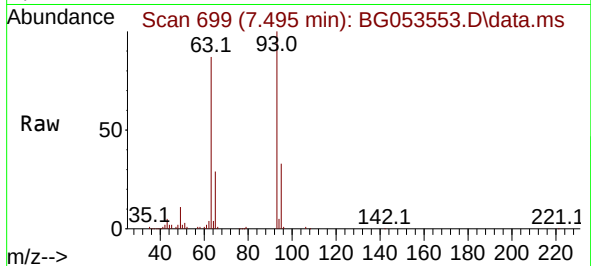




#11  
bis(2-Chloroethyl)ether  
Concen: 50.780 ng  
RT: 7.495 min Scan# 699  
Delta R.T. -0.007 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

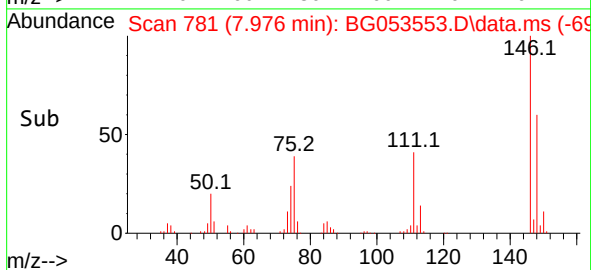
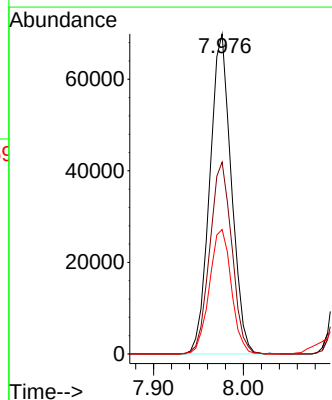
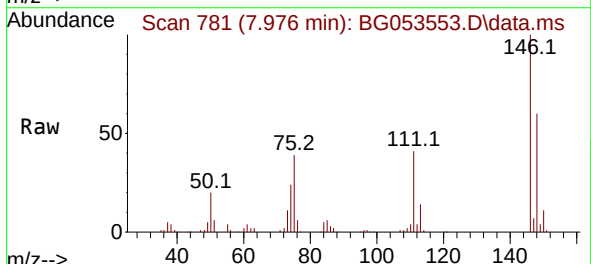
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

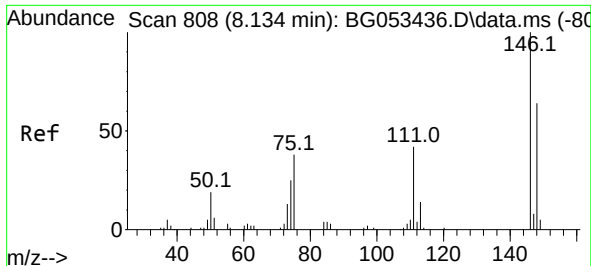
Tgt Ion: 93 Resp: 104165  
Ion Ratio Lower Upper  
93 100  
63 87.3 63.6 103.6  
95 33.1 10.1 50.1



#12  
1,3-Dichlorobenzene  
Concen: 50.987 ng  
RT: 7.976 min Scan# 781  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:146 Resp: 116519  
Ion Ratio Lower Upper  
146 100  
148 59.9 46.1 69.1  
75 38.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 50.506 ng

RT: 8.123 min Scan# 80

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA\_G

ClientSampleId :

VNJ-239MS

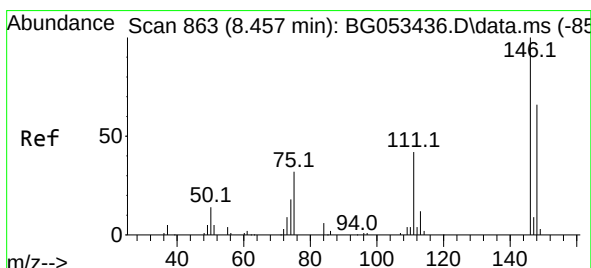
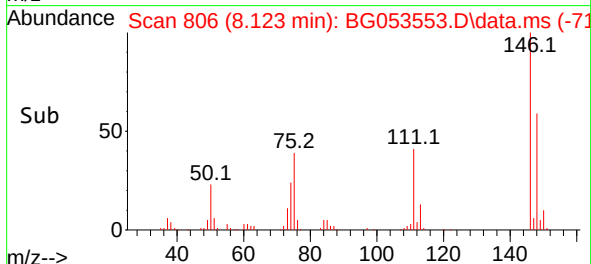
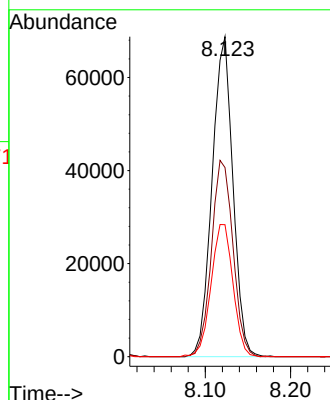
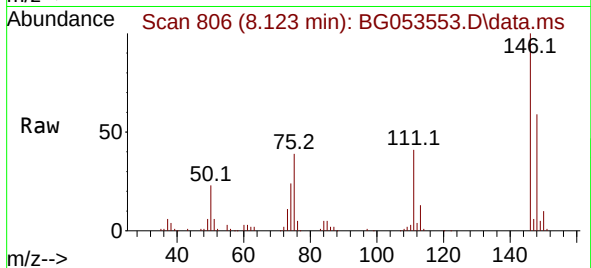
Tgt Ion:146 Resp: 116472

Ion Ratio Lower Upper

146 100

148 59.1 51.5 77.3

111 41.3 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 51.949 ng

RT: 8.440 min Scan# 860

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

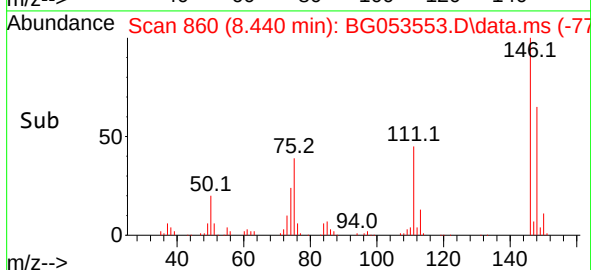
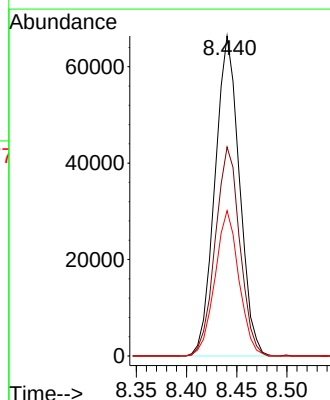
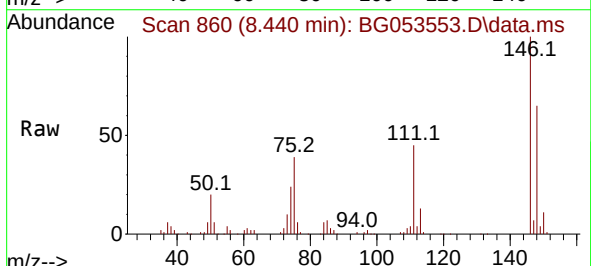
Tgt Ion:146 Resp: 112497

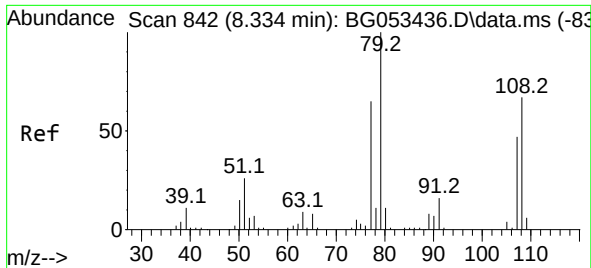
Ion Ratio Lower Upper

146 100

148 65.3 52.6 78.8

111 45.4 34.5 51.7

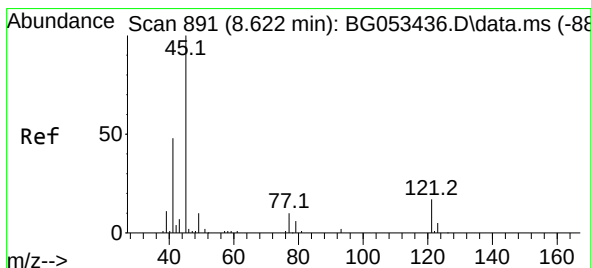
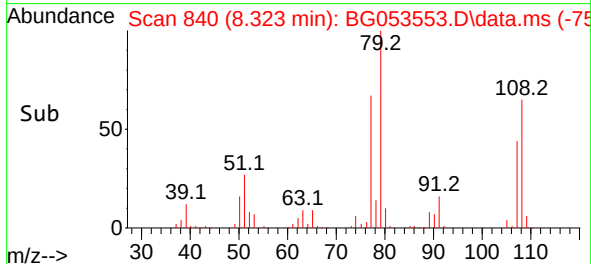
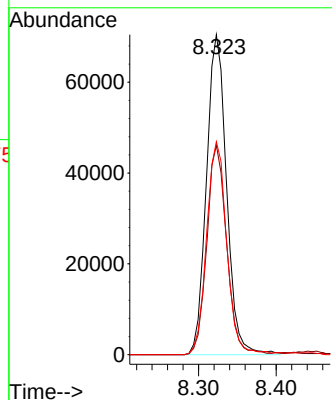
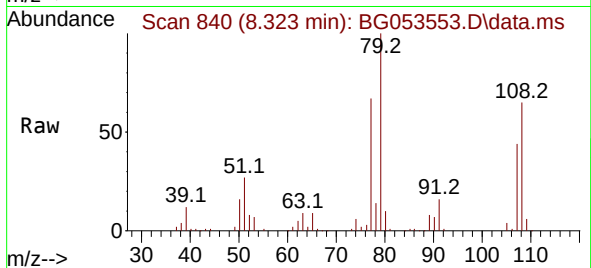




#15  
Benzyl Alcohol  
Concen: 53.986 ng  
RT: 8.323 min Scan# 840  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

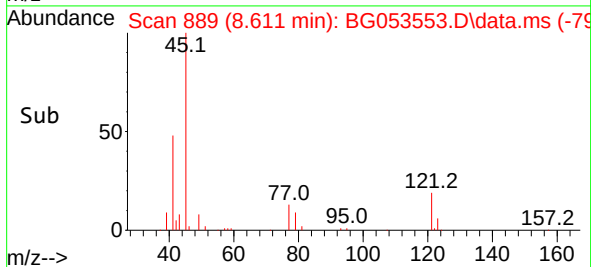
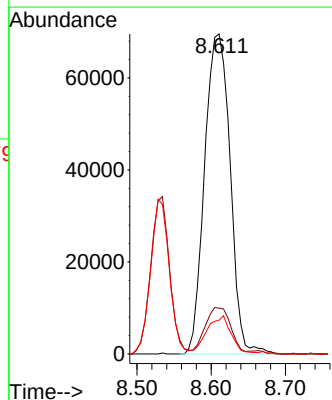
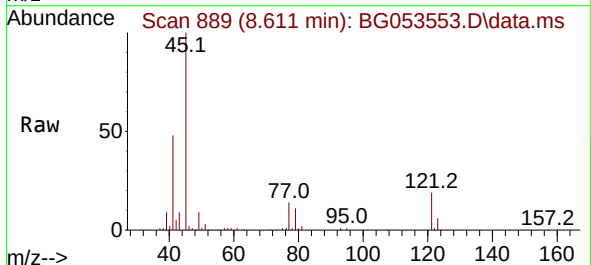
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

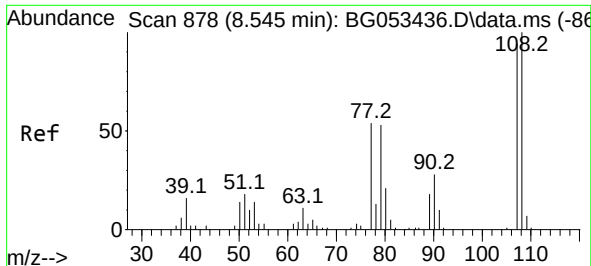
Tgt Ion: 79 Resp: 126927  
Ion Ratio Lower Upper  
79 100  
108 65.4 53.7 80.5  
77 66.6 52.2 78.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.885 ng  
RT: 8.611 min Scan# 889  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion: 45 Resp: 166546  
Ion Ratio Lower Upper  
45 100  
77 14.3 0.0 32.7  
79 10.5 0.0 29.7

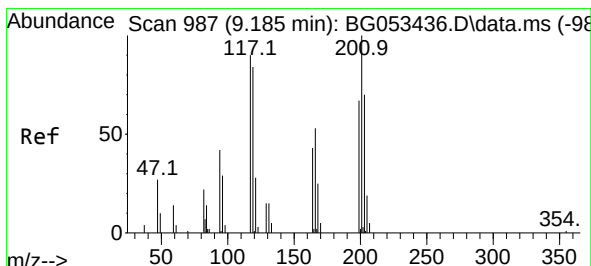
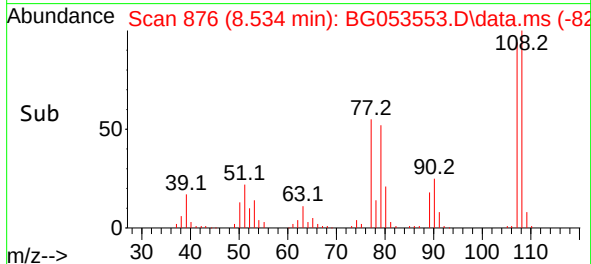
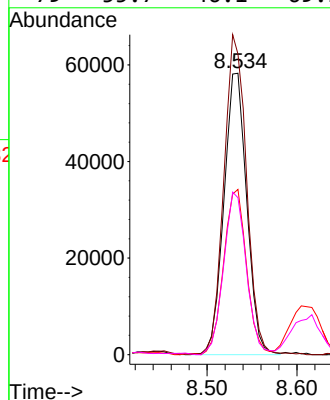
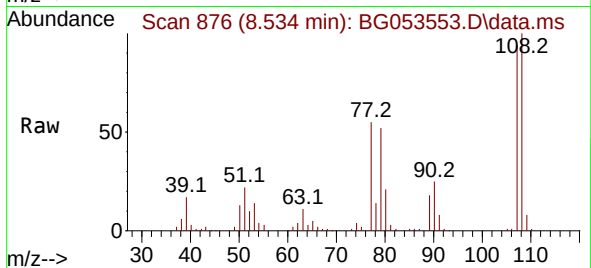




#17  
2-Methylphenol  
Concen: 55.455 ng  
RT: 8.534 min Scan# 81  
Delta R.T. 0.004 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

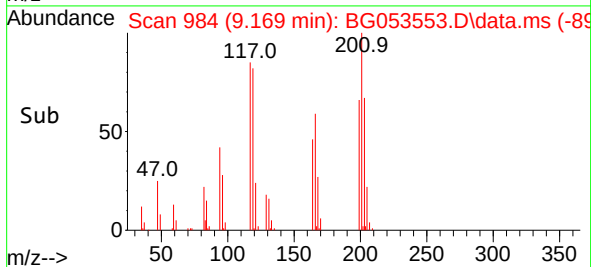
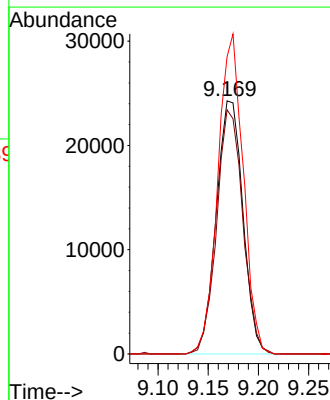
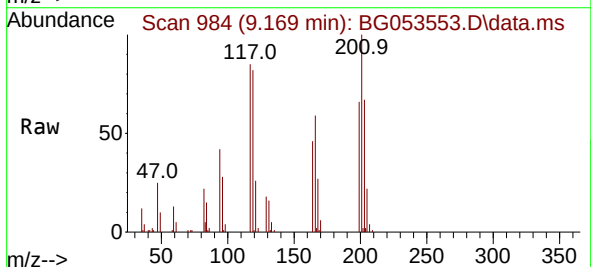
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

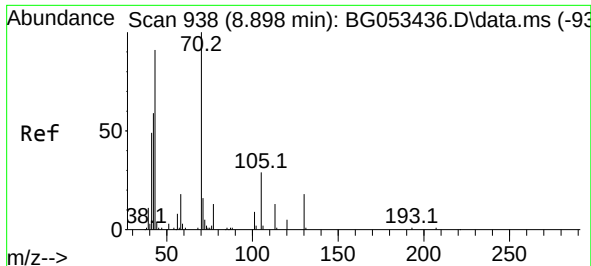
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 103090 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 106.8 | 85.4  | 128.0  |
| 77       | 58.7  | 46.2  | 69.2   |
| 79       | 55.7  | 46.1  | 69.1   |



#18  
Hexachloroethane  
Concen: 51.027 ng  
RT: 9.169 min Scan# 984  
Delta R.T. -0.007 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 44686 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.4  | 75.0  | 112.6 |
| 201      | 117.4 | 89.0  | 133.6 |

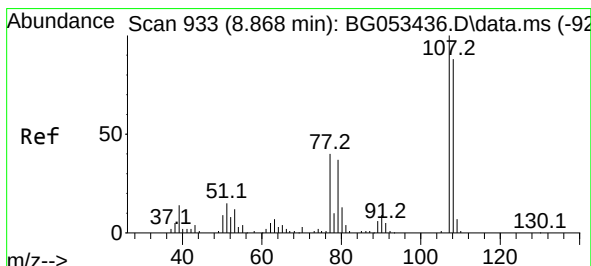
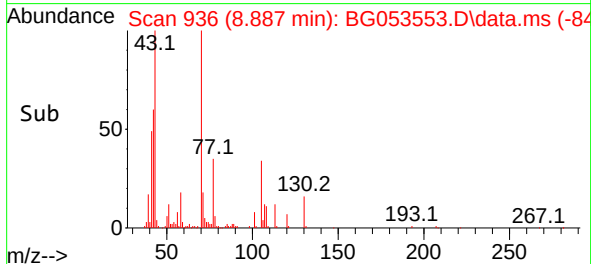
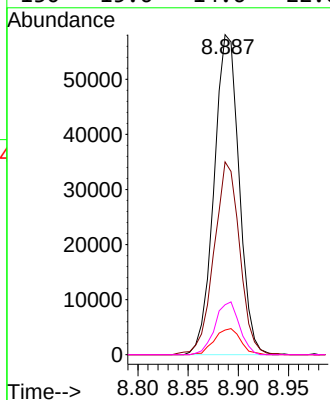
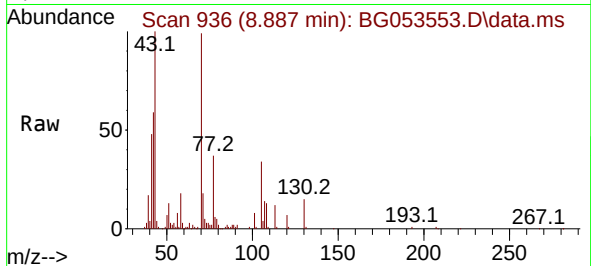




#19  
n-Nitroso-di-n-propylamine  
Concen: 49.931 ng  
RT: 8.887 min Scan# 91  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

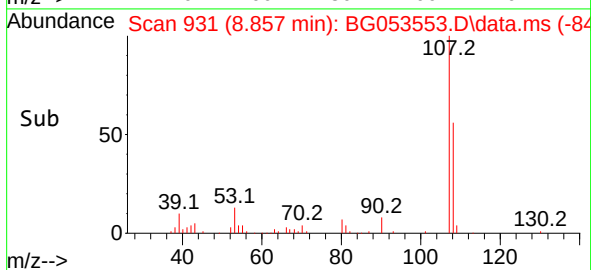
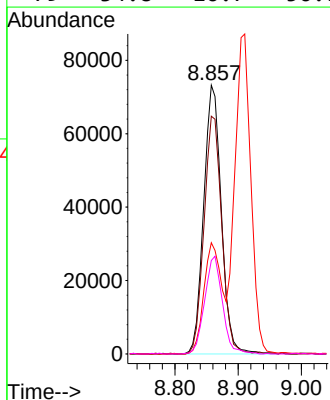
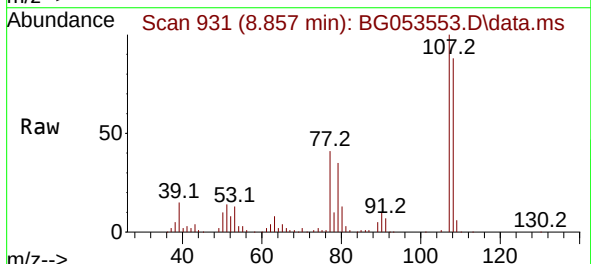
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

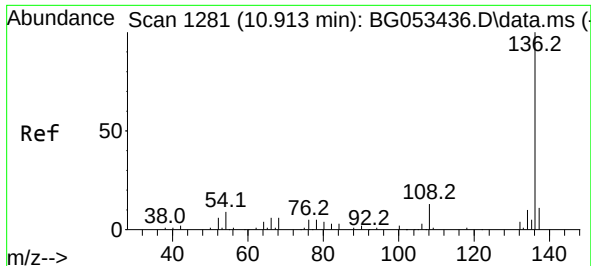
Tgt Ion: 70 Resp: 100747  
Ion Ratio Lower Upper  
70 100  
42 60.3 47.3 70.9  
101 7.7 7.0 10.4  
130 15.6 14.6 22.0



#20  
3+4-Methylphenols  
Concen: 53.948 ng  
RT: 8.857 min Scan# 931  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion: 107 Resp: 141641  
Ion Ratio Lower Upper  
107 100  
108 88.4 67.5 107.5  
77 41.4 20.3 60.3  
79 34.8 16.7 56.7

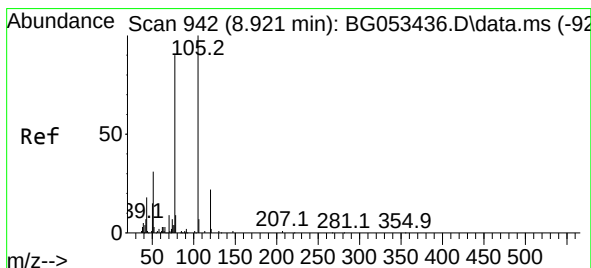
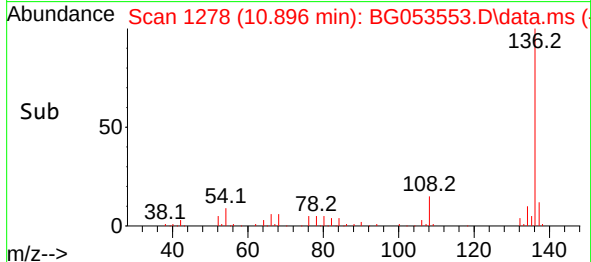
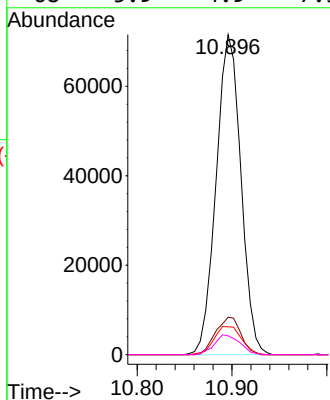
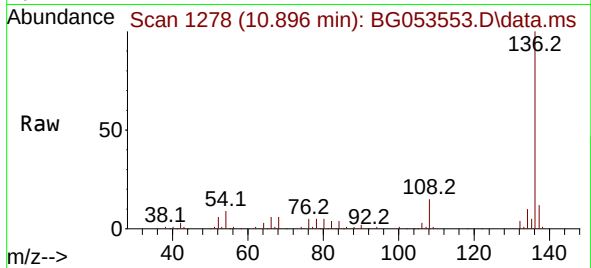




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.896 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

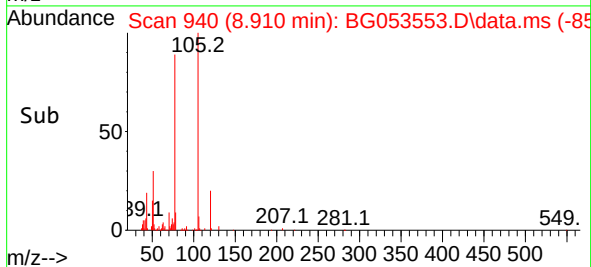
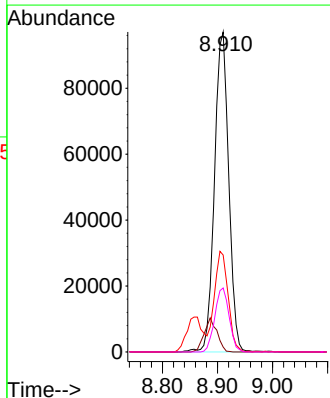
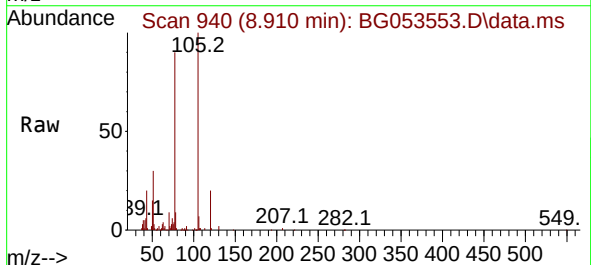
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

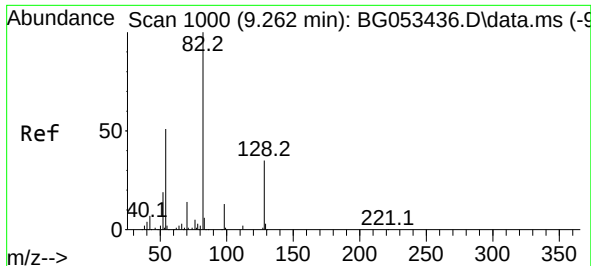
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 129927 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.7  | 8.5   | 12.7   |
| 54        | 8.7   | 7.4   | 11.2   |
| 68        | 5.9   | 4.9   | 7.3    |



#22  
Acetophenone  
Concen: 49.123 ng  
RT: 8.910 min Scan# 940  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 174678 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.6   | 1.1   | 1.7    |
| 51        | 30.3  | 25.4  | 38.0   |
| 120       | 20.0  | 17.3  | 25.9   |





#23

Nitrobenzene-d5

Concen: 59.636 ng

RT: 9.251 min Scan# 91

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA\_G

ClientSampleId :

VNJ-239MS

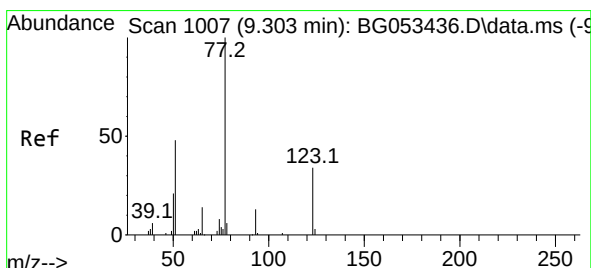
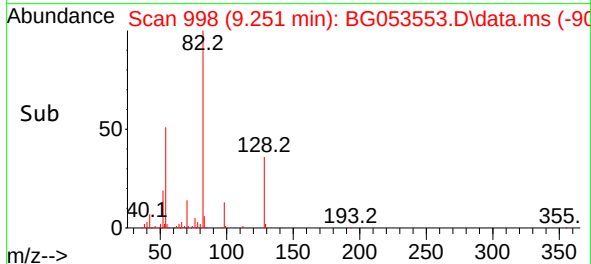
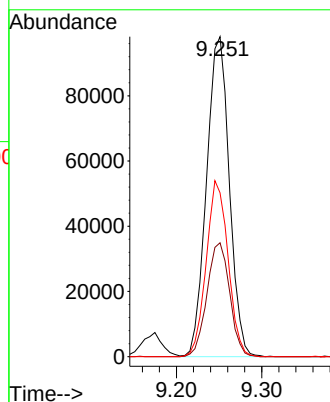
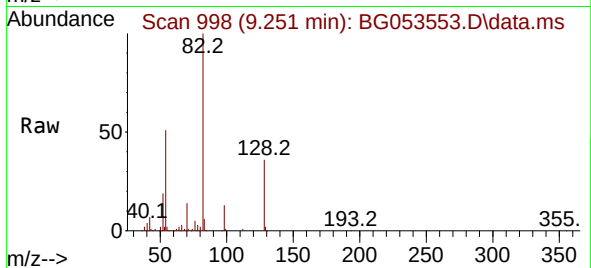
Tgt Ion: 82 Resp: 182019

Ion Ratio Lower Upper

82 100

128 35.6 27.9 41.9

54 51.2 41.2 61.8



#24

Nitrobenzene

Concen: 52.093 ng

RT: 9.292 min Scan# 1005

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

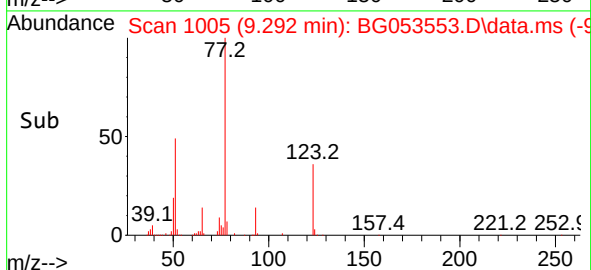
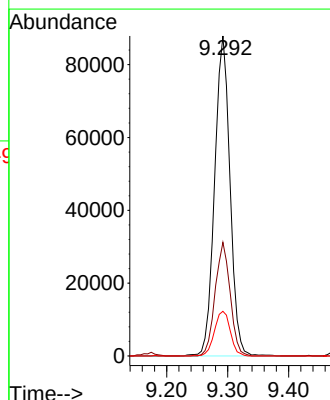
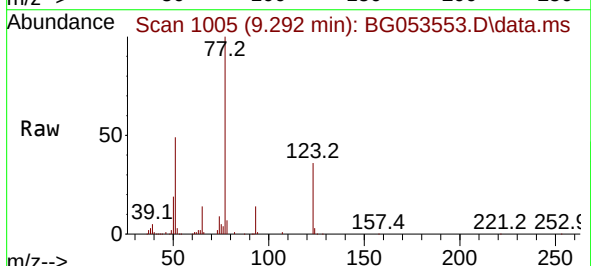
Tgt Ion: 77 Resp: 153890

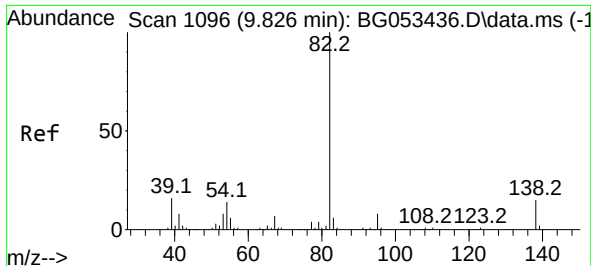
Ion Ratio Lower Upper

77 100

123 35.5 27.4 41.0

65 13.9 11.4 17.0

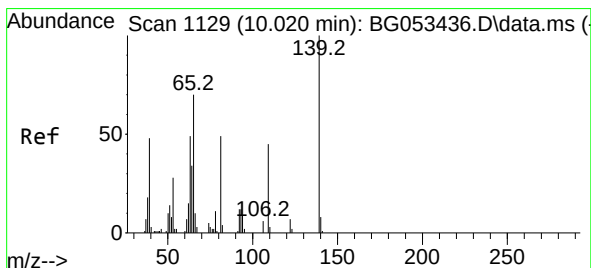
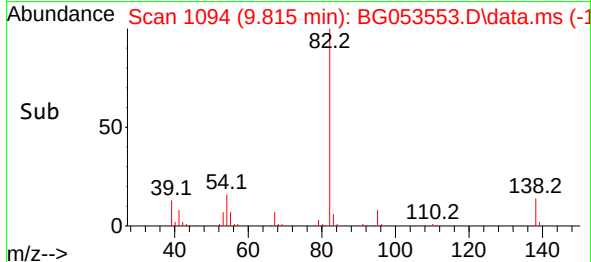
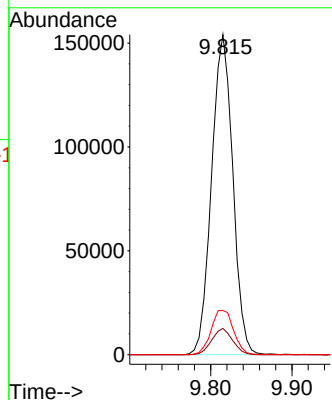
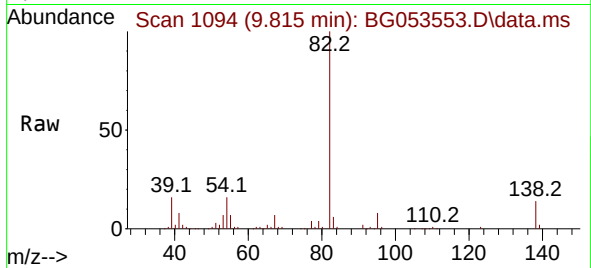




#25  
Isophorone  
Concen: 54.307 ng  
RT: 9.815 min Scan# 1094  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

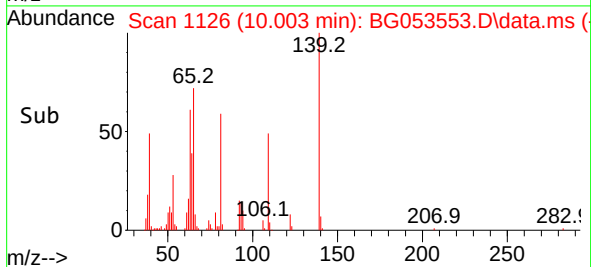
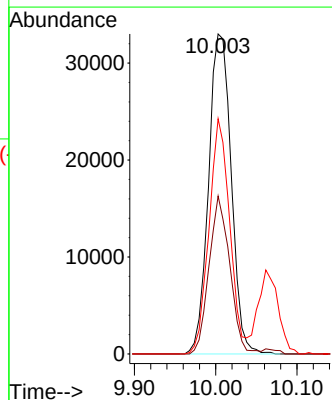
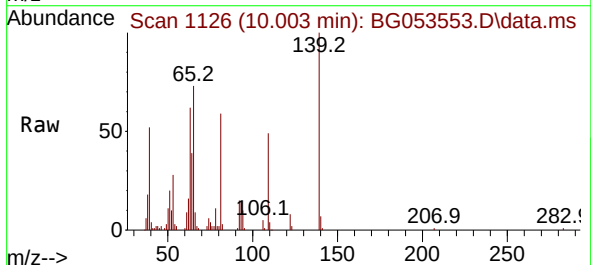
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

Tgt Ion: 82 Resp: 278957  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.2 9.4  
138 13.8 11.6 17.4

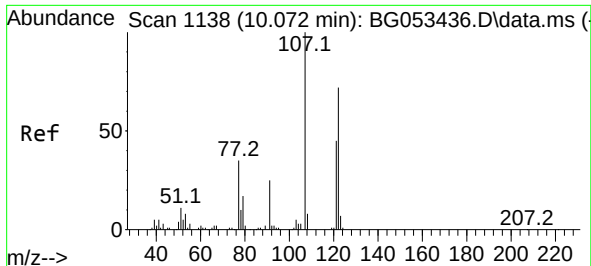


#26  
2-Nitrophenol  
Concen: 53.442 ng  
RT: 10.003 min Scan# 1126  
Delta R.T. -0.007 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion: 139 Resp: 63942  
Ion Ratio Lower Upper  
139 100  
109 49.4 36.1 54.1  
65 73.5 55.8 83.6



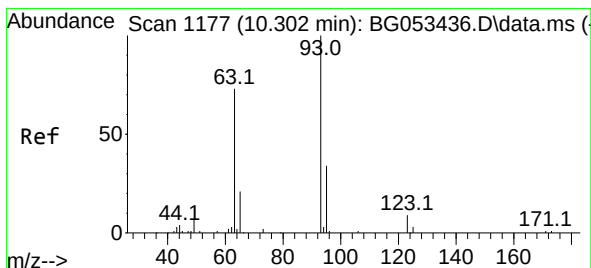
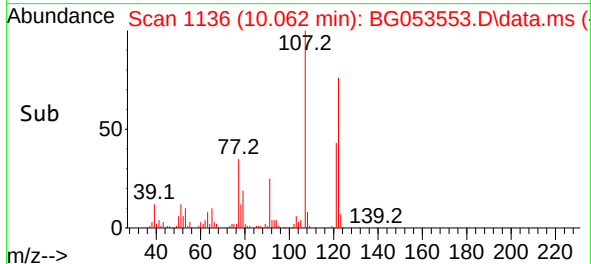
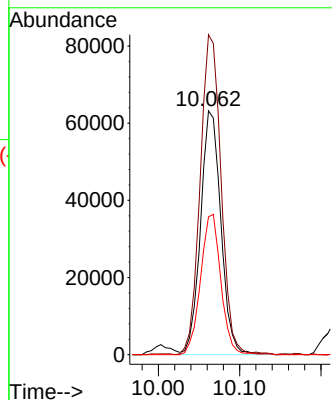
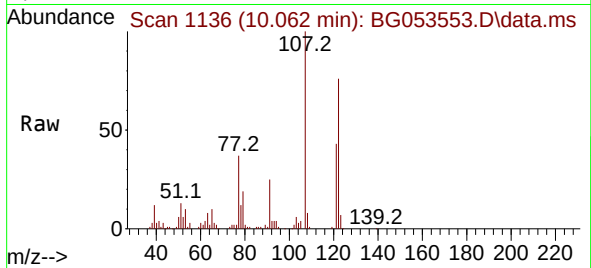




#27  
2,4-Dimethylphenol  
Concen: 61.061 ng  
RT: 10.062 min Scan# 1136  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

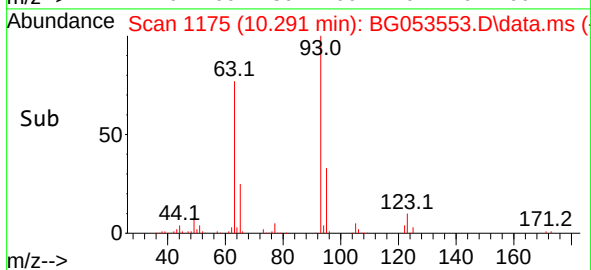
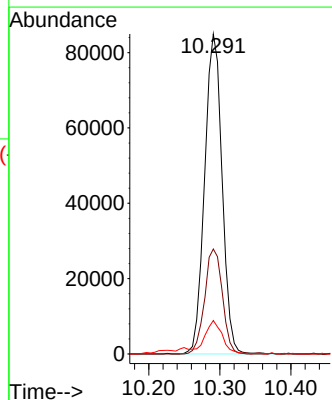
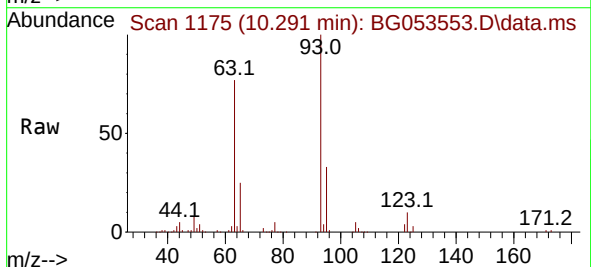
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

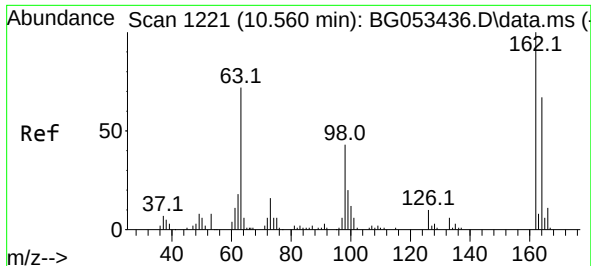
Tgt Ion:122 Resp: 109947  
Ion Ratio Lower Upper  
122 100  
107 131.2 109.4 164.0  
121 56.5 48.7 73.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 49.156 ng  
RT: 10.291 min Scan# 1175  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion: 93 Resp: 145222  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.9 40.3  
123 10.4 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 56.947 ng

RT: 10.549 min Scan# 1219

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA\_G

ClientSampleId :

VNJ-239MS

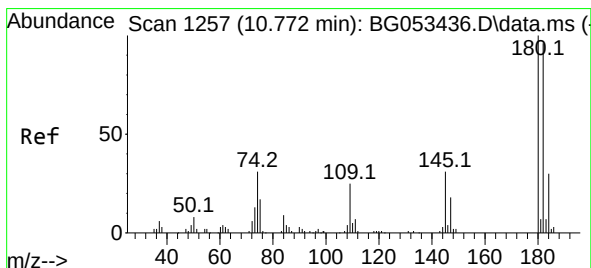
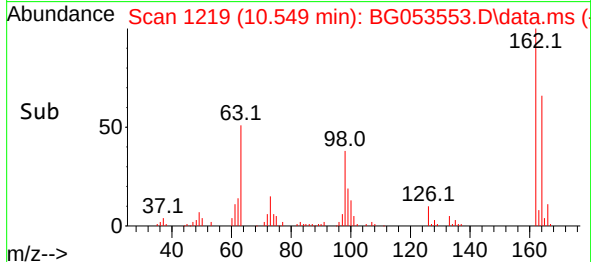
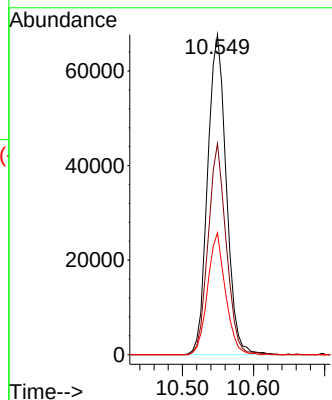
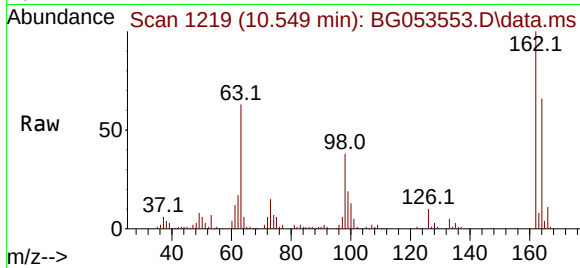
Tgt Ion:162 Resp: 123756

Ion Ratio Lower Upper

162 100

164 66.0 46.6 86.6

98 38.1 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 53.015 ng

RT: 10.761 min Scan# 1255

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

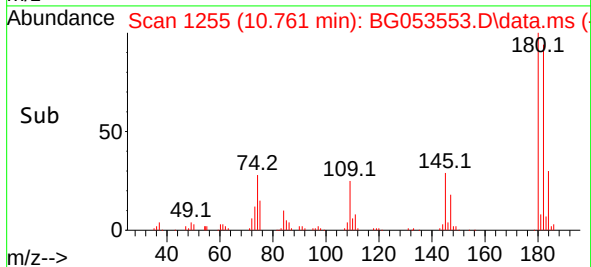
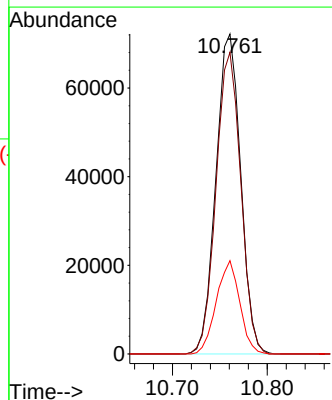
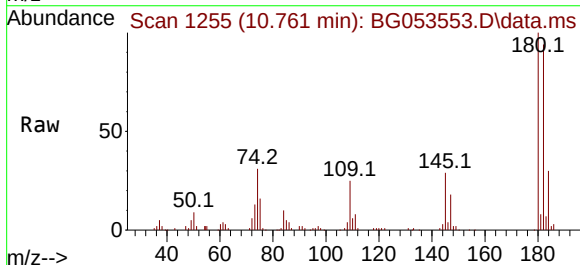
Tgt Ion:180 Resp: 130902

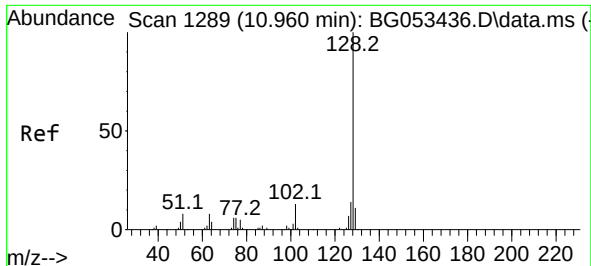
Ion Ratio Lower Upper

180 100

182 94.2 76.6 115.0

145 29.1 25.0 37.4

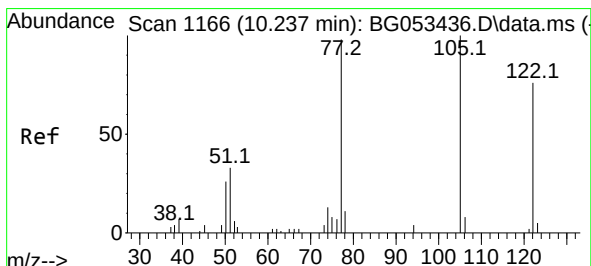
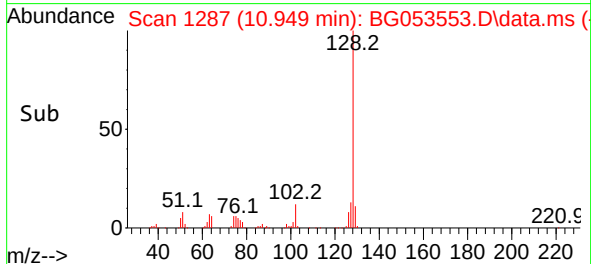
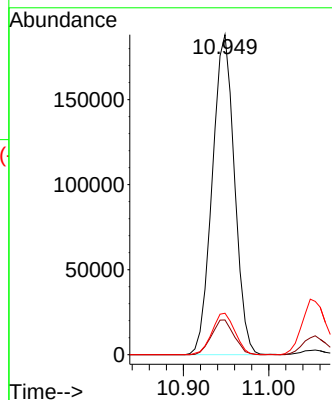
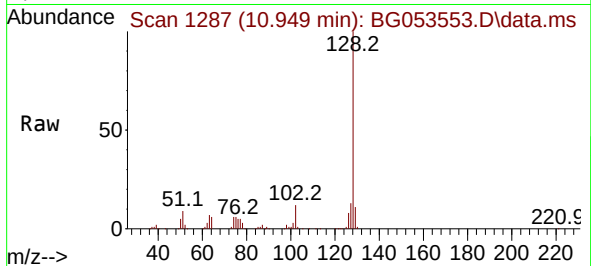




#31  
Naphthalene  
Concen: 51.396 ng  
RT: 10.949 min Scan# 1167  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

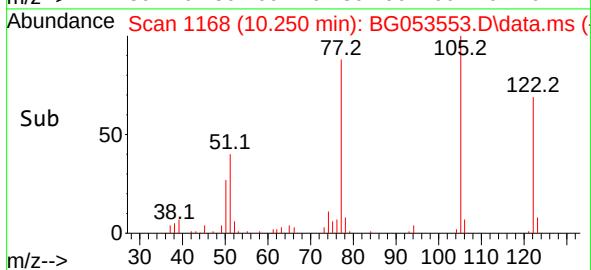
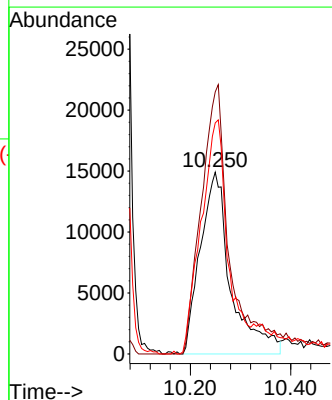
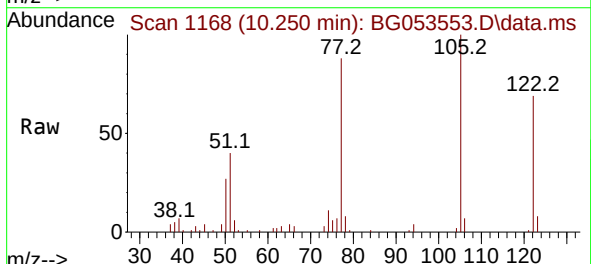
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

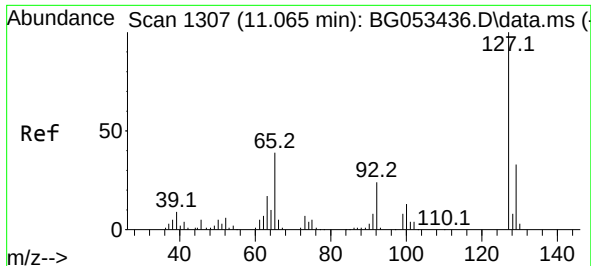
Tgt Ion:128 Resp: 339678  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.6  
127 13.0 11.1 16.7



#32  
Benzoic acid  
Concen: 54.420 ng  
RT: 10.250 min Scan# 1168  
Delta R.T. 0.010 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:122 Resp: 62804  
Ion Ratio Lower Upper  
122 100  
105 144.2 111.8 151.8  
77 127.2 109.4 149.4

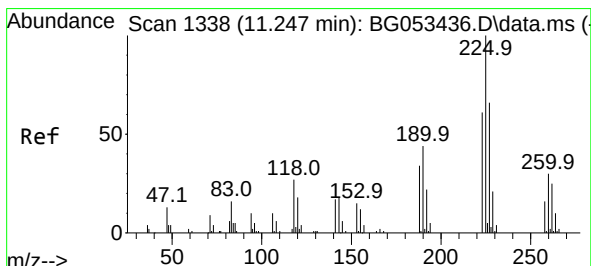
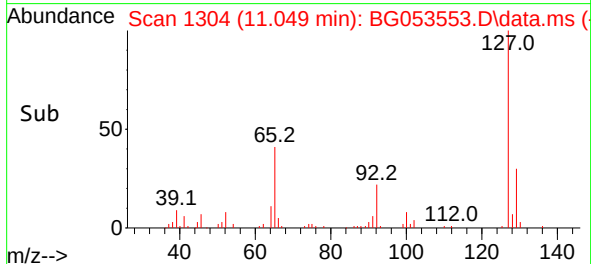
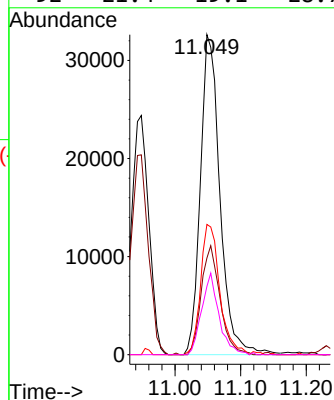
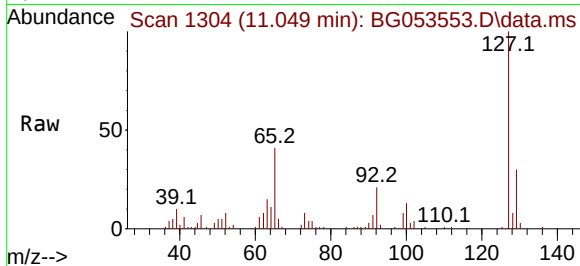




#33  
4-Chloroaniline  
Concen: 24.536 ng  
RT: 11.049 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

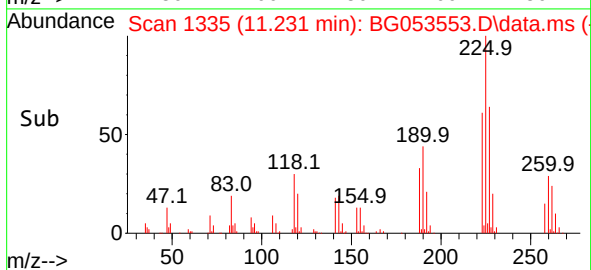
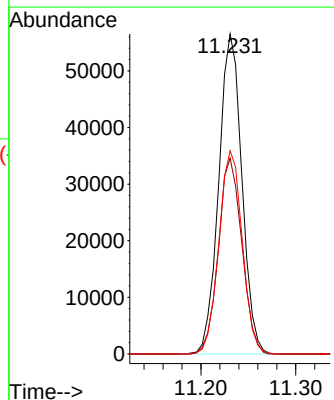
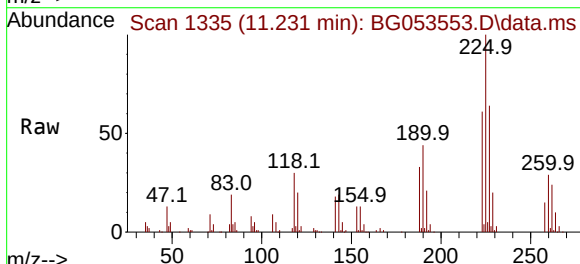
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

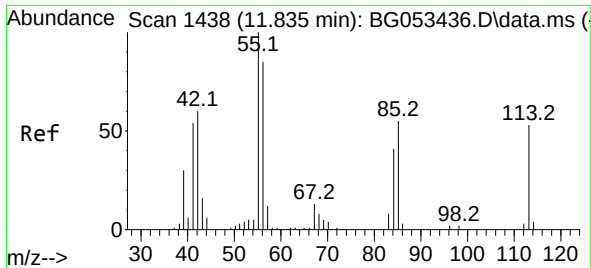
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 67912     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 30.2  | 26.3 39.5 |
| 65          | 40.7  | 31.1 46.7 |
| 92          | 21.4  | 19.1 28.7 |



#34  
Hexachlorobutadiene  
Concen: 52.317 ng  
RT: 11.231 min Scan# 1335  
Delta R.T. -0.007 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 95788     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 61.2  | 48.9 73.3 |
| 227         | 63.5  | 52.8 79.2 |

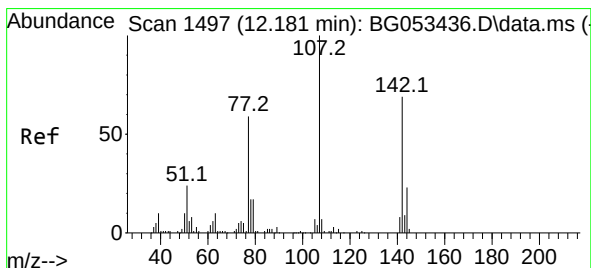
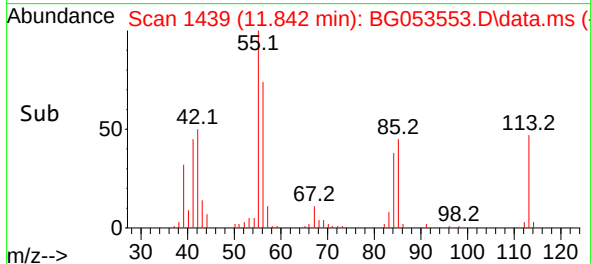
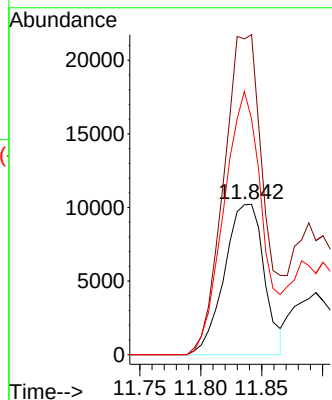
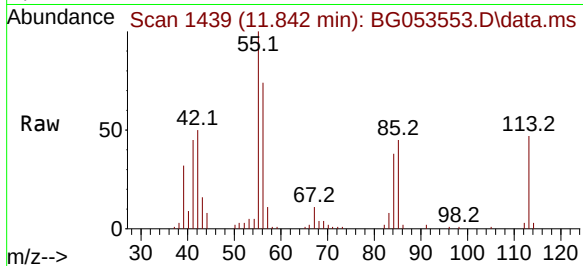




#35  
Caprolactam  
Concen: 29.301 ng  
RT: 11.842 min Scan# 1438  
Delta R.T. 0.010 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

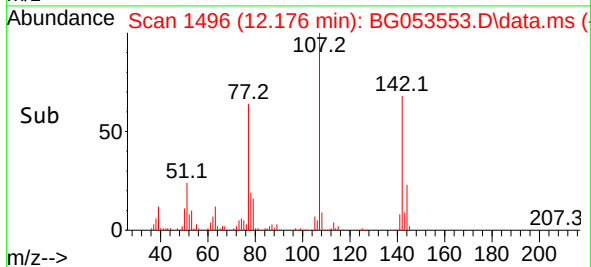
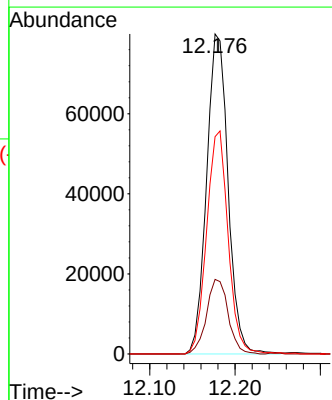
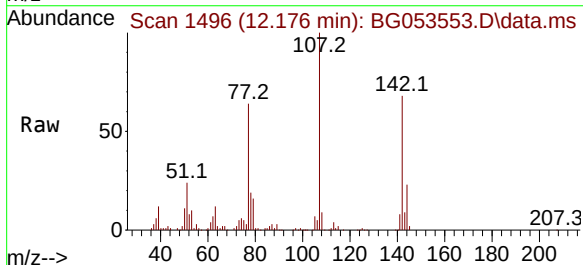
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

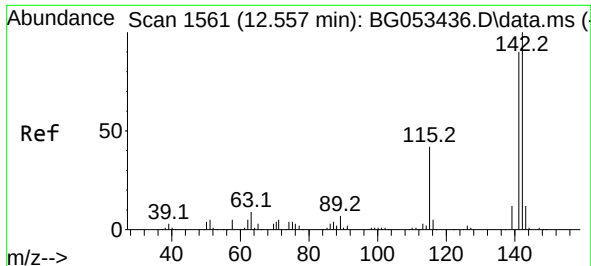
Tgt Ion:113 Resp: 23140  
Ion Ratio Lower Upper  
113 100  
55 212.8 169.8 209.8#  
56 156.7 141.2 181.2



#36  
4-Chloro-3-methylphenol  
Concen: 53.834 ng  
RT: 12.176 min Scan# 1496  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:107 Resp: 139941  
Ion Ratio Lower Upper  
107 100  
144 23.3 18.5 27.7  
142 67.9 55.0 82.4

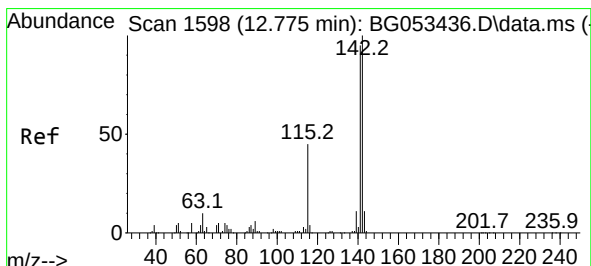
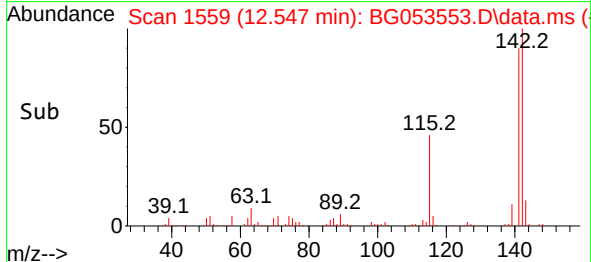
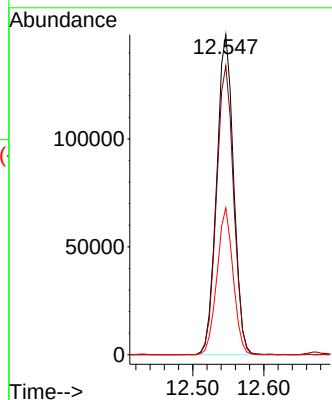
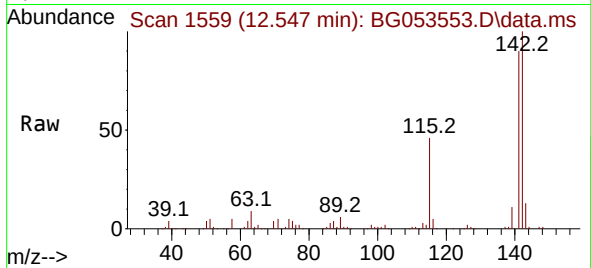




#37  
2-Methylnaphthalene  
Concen: 49.652 ng  
RT: 12.547 min Scan# 1559  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

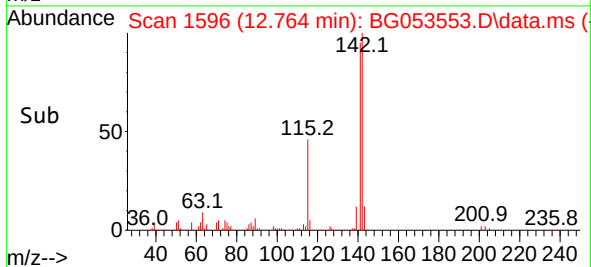
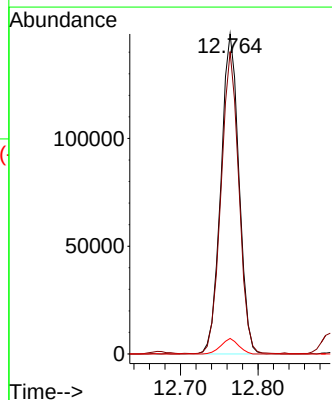
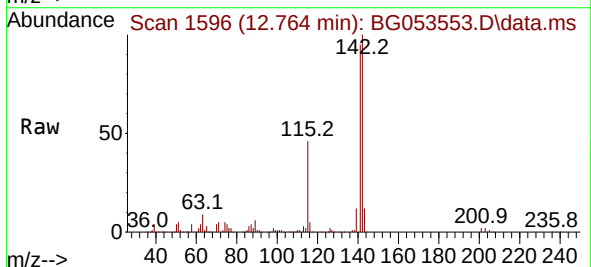
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

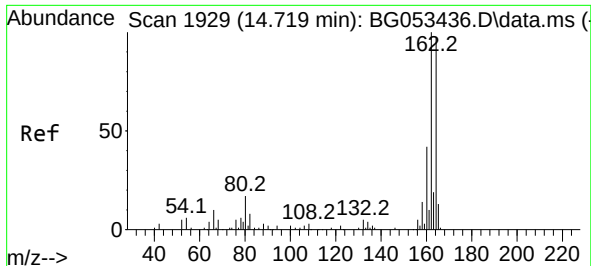
Tgt Ion:142 Resp: 244892  
Ion Ratio Lower Upper  
142 100  
141 90.3 72.3 108.5  
115 45.9 33.7 50.5



#38  
1-Methylnaphthalene  
Concen: 50.105 ng  
RT: 12.764 min Scan# 1596  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:142 Resp: 241111  
Ion Ratio Lower Upper  
142 100  
141 94.5 76.4 114.6  
116 4.9 3.3 4.9

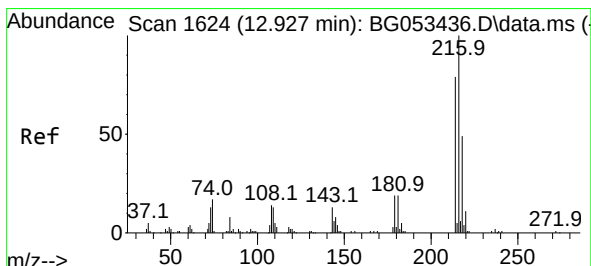
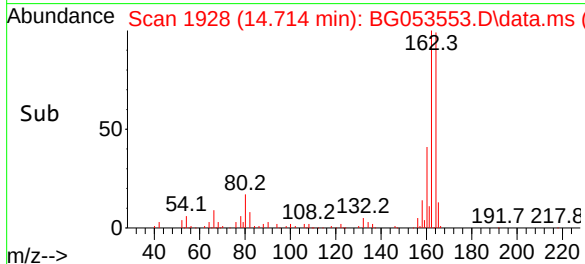
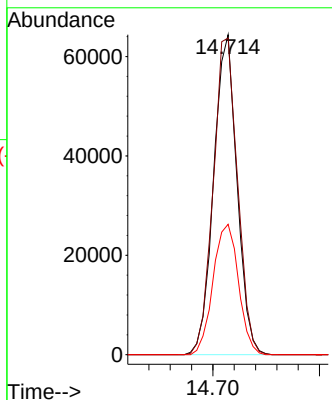
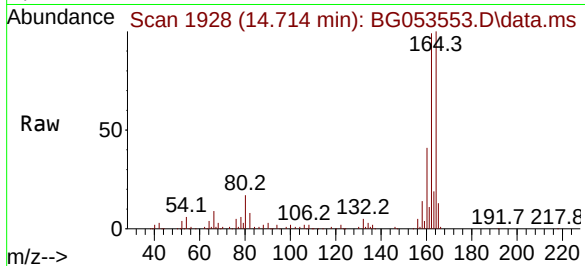




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.714 min Scan# 1928  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

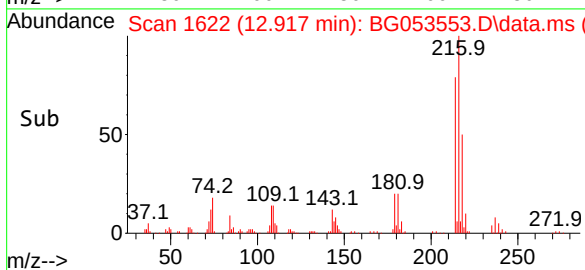
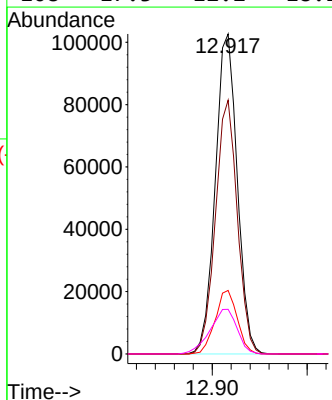
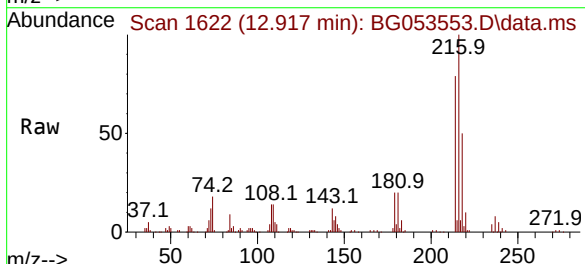
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

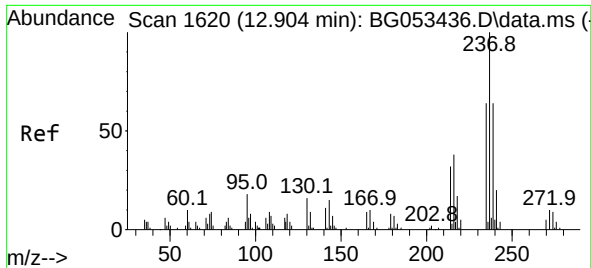
Tgt Ion:164 Resp: 97646  
Ion Ratio Lower Upper  
164 100  
162 98.9 82.3 123.5  
160 40.7 34.2 51.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 53.703 ng  
RT: 12.917 min Scan# 1622  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:216 Resp: 165295  
Ion Ratio Lower Upper  
216 100  
214 78.9 62.9 94.3  
179 20.0 16.1 24.1  
108 17.3 12.2 18.2

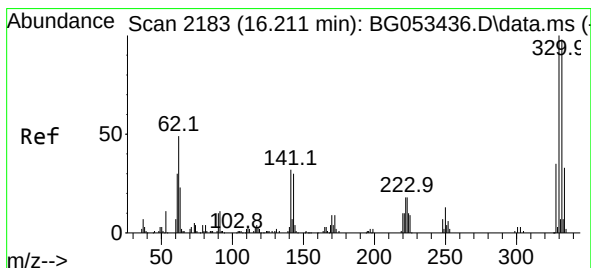
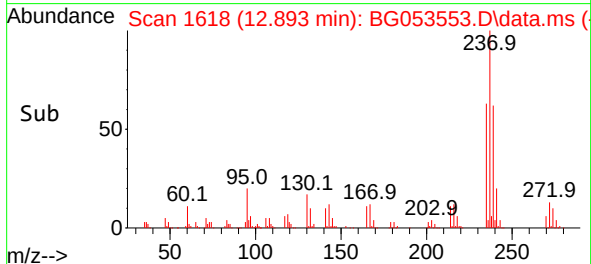
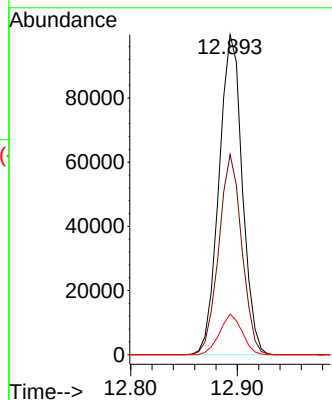
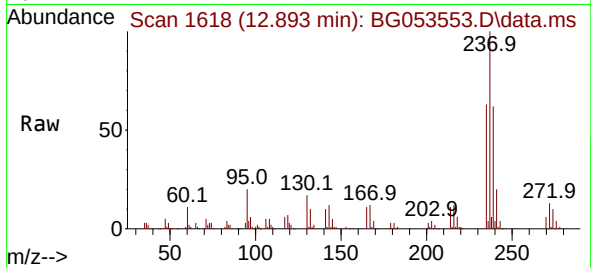




#41  
Hexachlorocyclopentadiene  
Concen: 116.087 ng  
RT: 12.893 min Scan# 1  
Delta R.T. -0.007 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

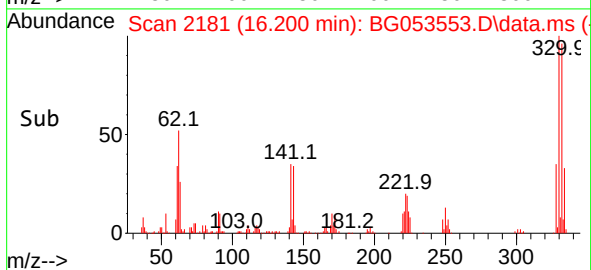
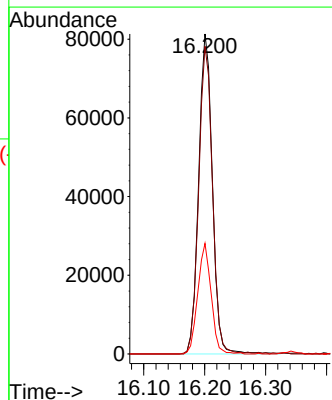
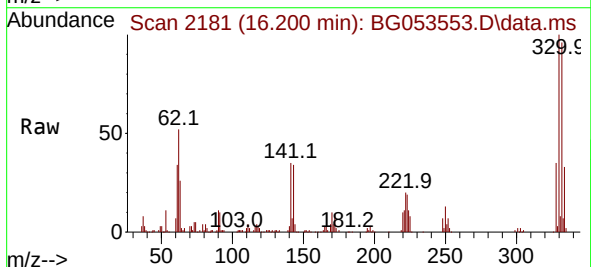
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

Tgt Ion:237 Resp: 151158  
Ion Ratio Lower Upper  
237 100  
235 62.6 43.5 83.5  
272 12.7 0.0 30.1

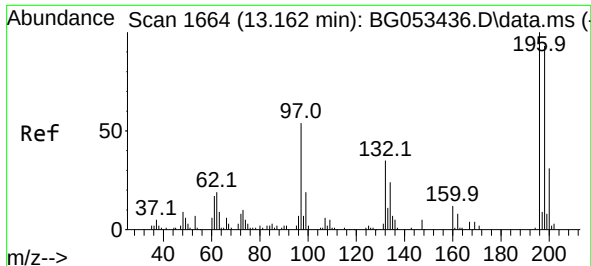


#42  
2,4,6-Tribromophenol  
Concen: 88.234 ng  
RT: 16.200 min Scan# 2181  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:330 Resp: 127071  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.0 114.0  
141 33.7 27.1 40.7







#43

2,4,6-Trichlorophenol

Concen: 55.856 ng

RT: 13.152 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA\_G

ClientSampleId :

VNJ-239MS

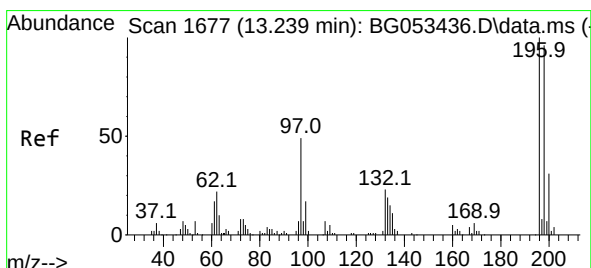
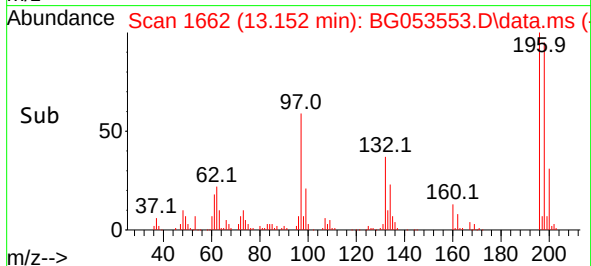
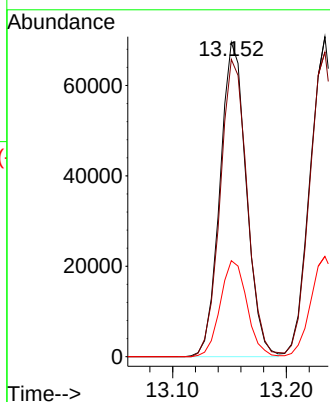
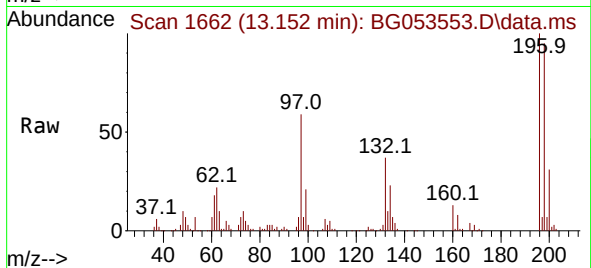
Tgt Ion:196 Resp: 112221

Ion Ratio Lower Upper

196 100

198 94.6 74.1 111.1

200 30.6 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 55.645 ng

RT: 13.234 min Scan# 1676

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Tgt Ion:196 Resp: 118986

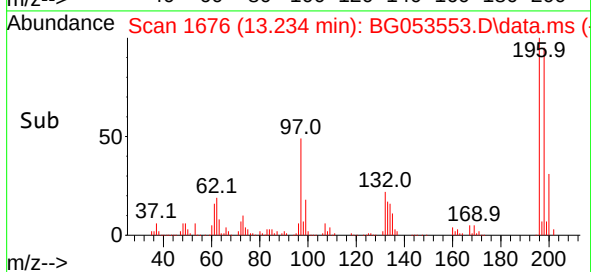
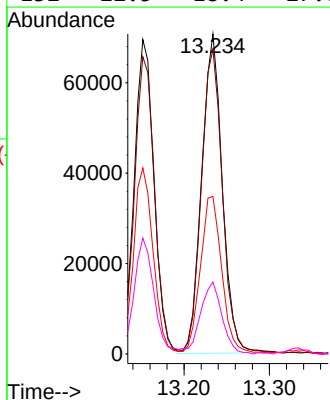
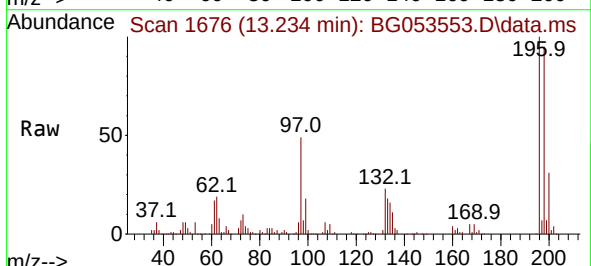
Ion Ratio Lower Upper

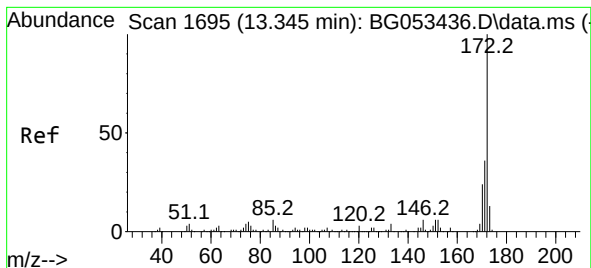
196 100

198 95.2 76.8 115.2

97 49.2 39.8 59.6

132 22.5 18.4 27.6





#45

2-Fluorobiphenyl

Concen: 61.401 ng

RT: 13.334 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA\_G

ClientSampleId :

VNJ-239MS

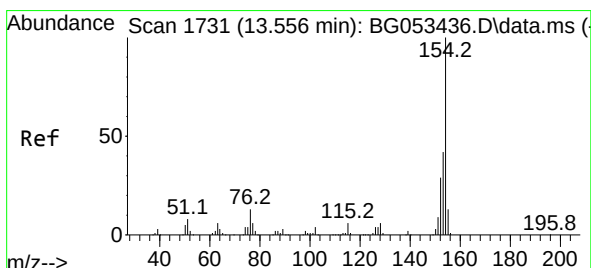
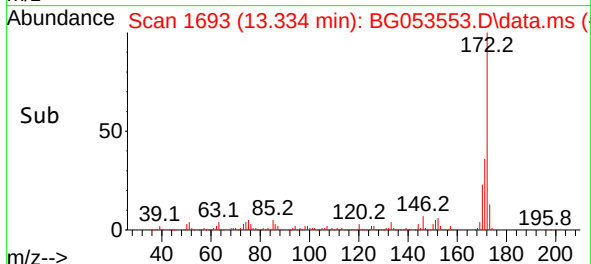
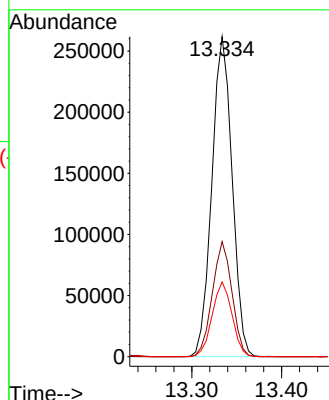
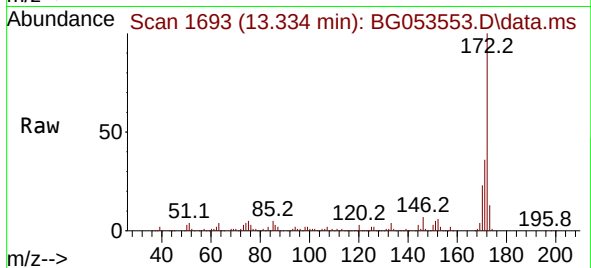
Tgt Ion:172 Resp: 410297

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 52.134 ng

RT: 13.545 min Scan# 1729

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

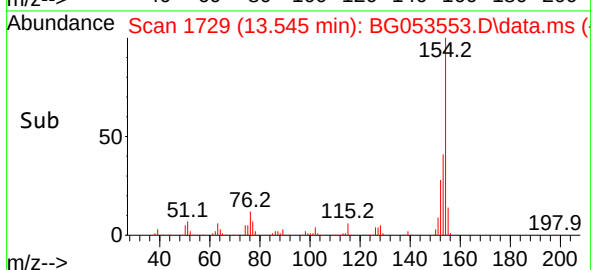
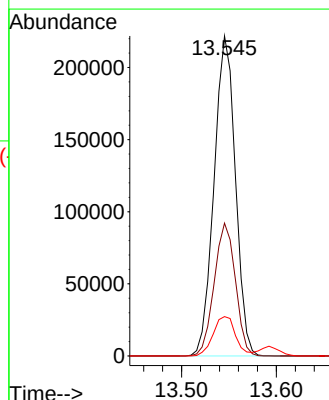
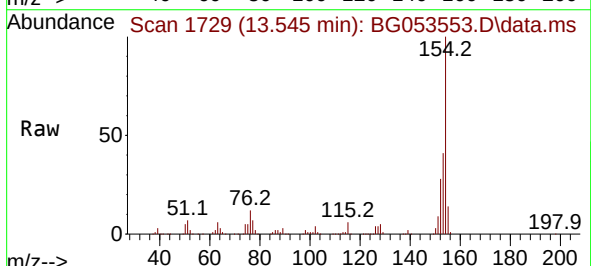
Tgt Ion:154 Resp: 347002

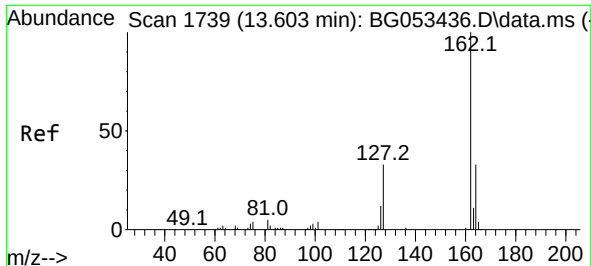
Ion Ratio Lower Upper

154 100

153 41.5 21.6 61.6

76 12.3 0.0 32.6

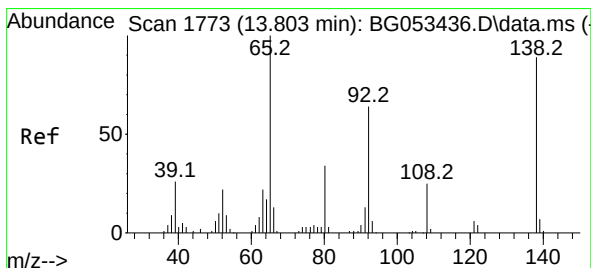
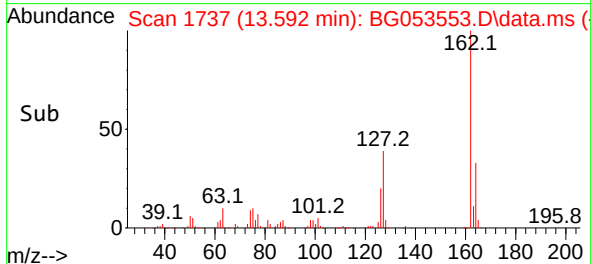
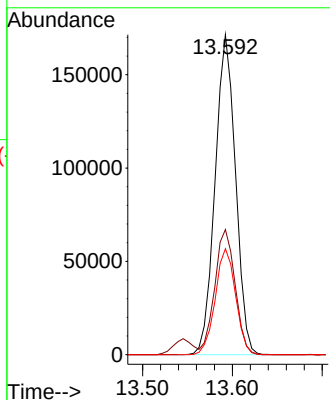
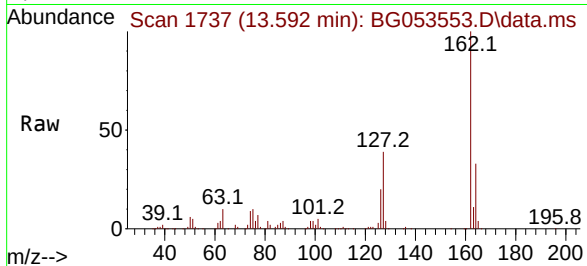




#47  
2-Chloronaphthalene  
Concen: 51.886 ng  
RT: 13.592 min Scan# 1737  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

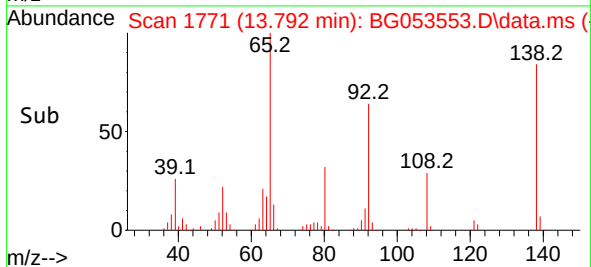
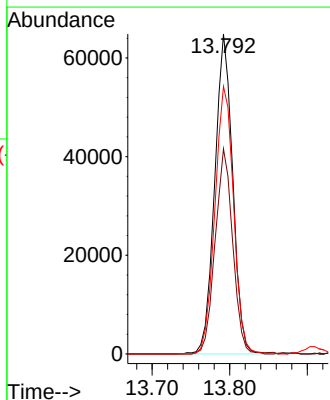
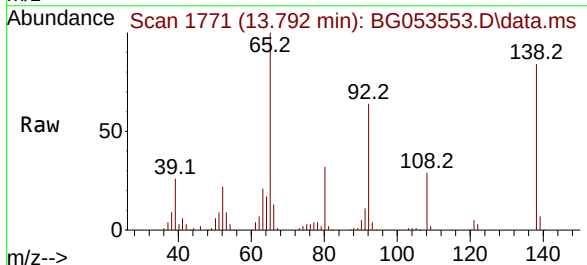
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

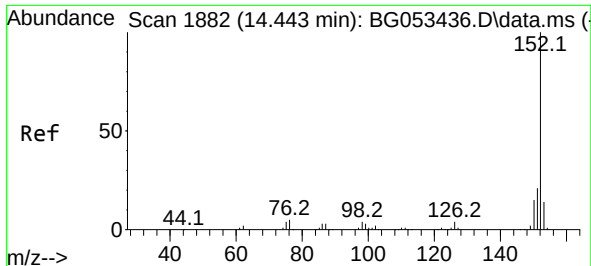
Tgt Ion:162 Resp: 270573  
Ion Ratio Lower Upper  
162 100  
127 39.1 30.6 45.8  
164 33.1 26.5 39.7



#48  
2-Nitroaniline  
Concen: 53.786 ng  
RT: 13.792 min Scan# 1771  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion: 65 Resp: 104512  
Ion Ratio Lower Upper  
65 100  
92 64.1 51.5 77.3  
138 83.6 71.3 106.9

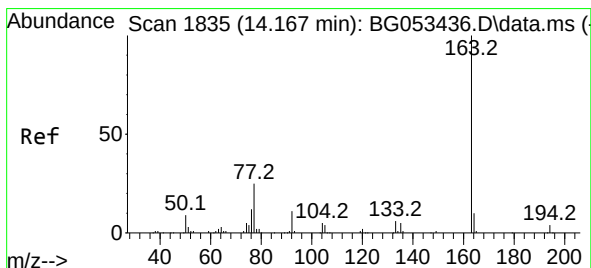
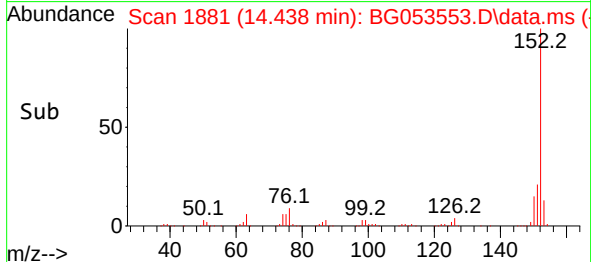
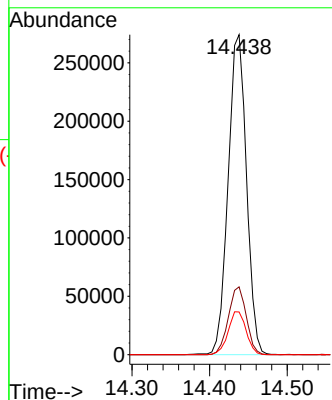
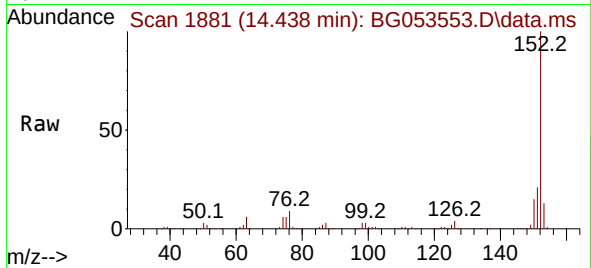




#49  
Acenaphthylene  
Concen: 54.272 ng  
RT: 14.438 min Scan# 1881  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

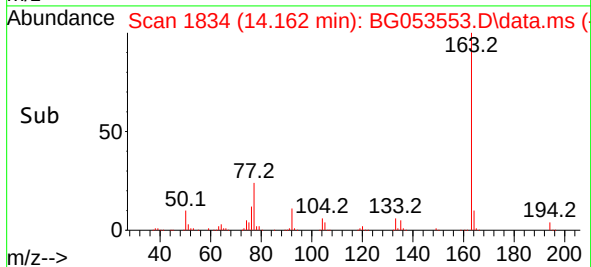
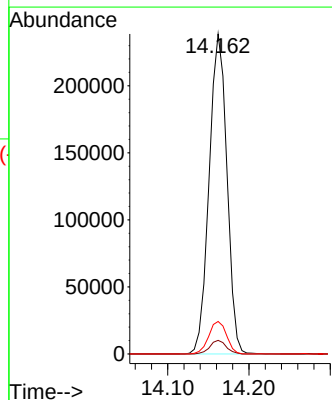
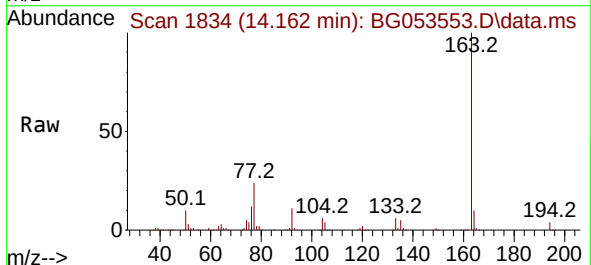
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

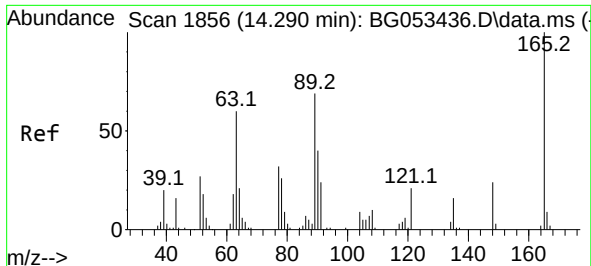
Tgt Ion:152 Resp: 451621  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.4 24.6  
153 13.3 10.8 16.2



#50  
Dimethylphthalate  
Concen: 48.840 ng  
RT: 14.162 min Scan# 1834  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:163 Resp: 362403  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.0 4.6  
164 10.1 8.0 12.0

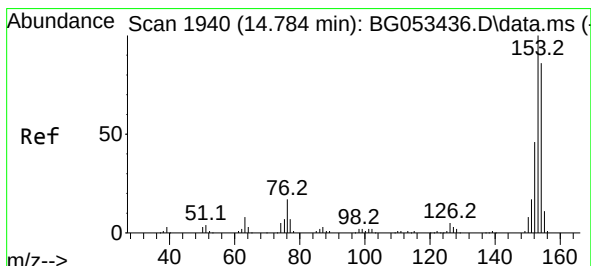
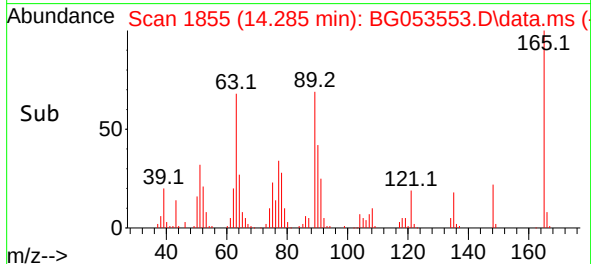
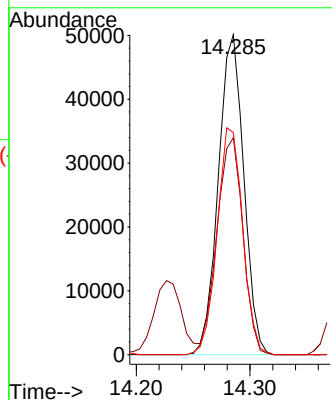
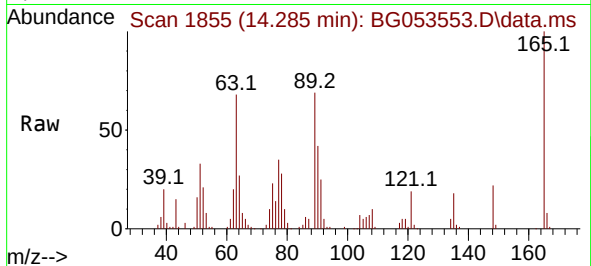




#51  
2,6-Dinitrotoluene  
Concen: 51.551 ng  
RT: 14.285 min Scan# 1855  
Delta R.T. 0.004 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

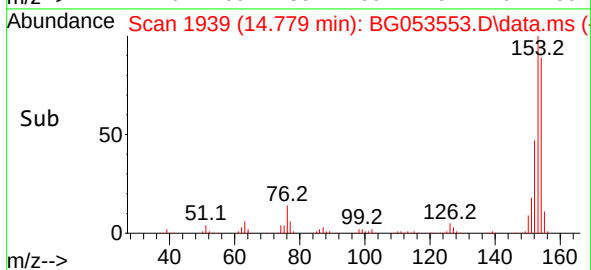
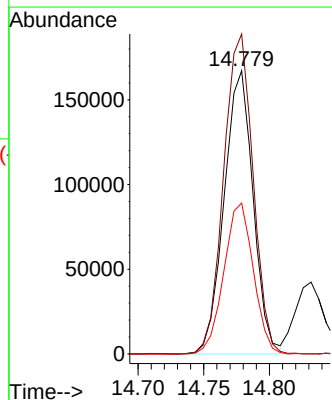
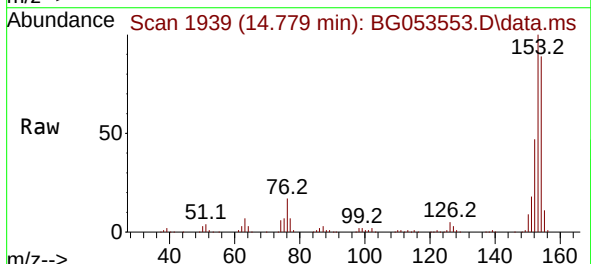
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

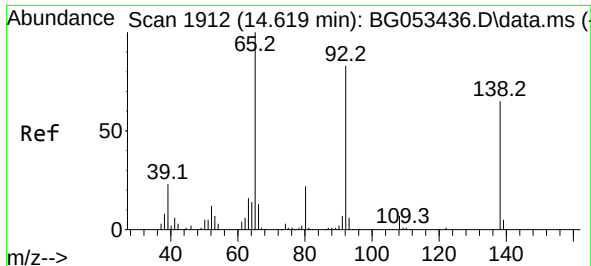
Tgt Ion:165 Resp: 77931  
Ion Ratio Lower Upper  
165 100  
63 67.8 54.1 81.1  
89 69.4 54.8 82.2



#52  
Acenaphthene  
Concen: 51.805 ng  
RT: 14.779 min Scan# 1939  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:154 Resp: 256905  
Ion Ratio Lower Upper  
154 100  
153 113.0 92.7 139.1  
152 53.3 42.6 64.0

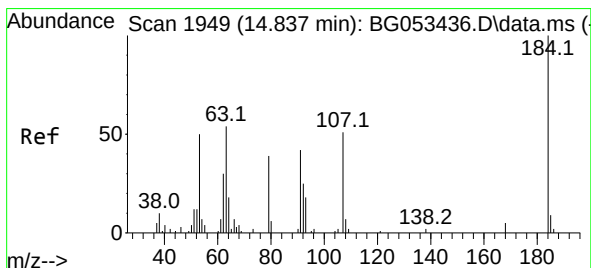
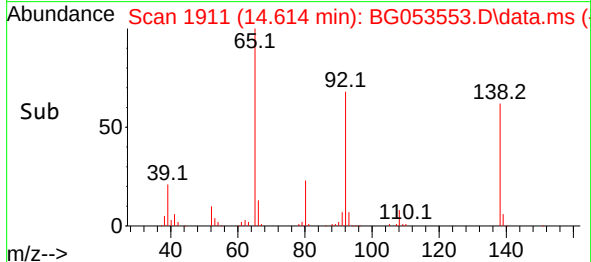
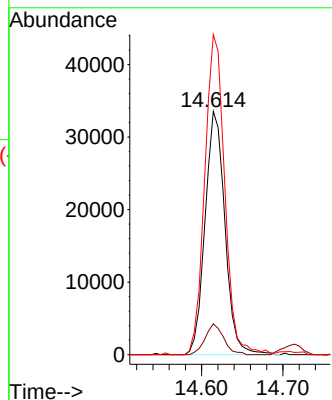
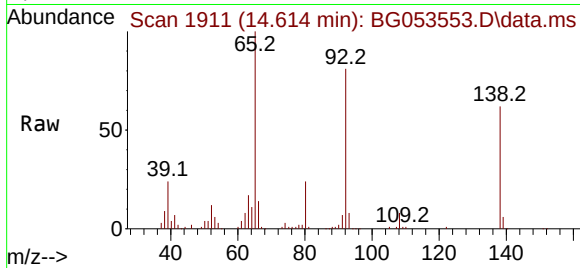




#53  
3-Nitroaniline  
Concen: 34.915 ng  
RT: 14.614 min Scan# 1912  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

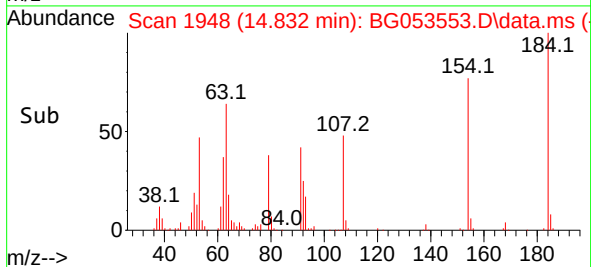
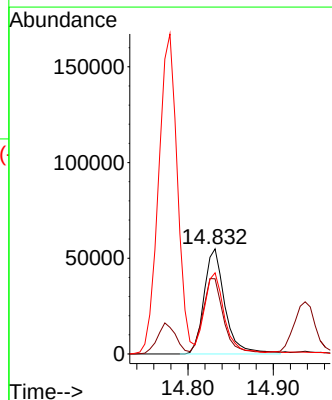
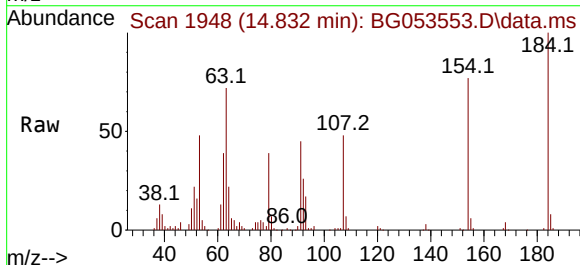
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

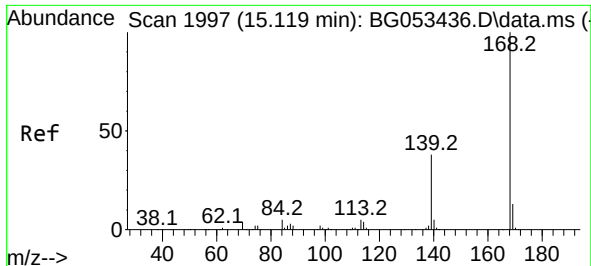
Tgt Ion:138 Resp: 57030  
Ion Ratio Lower Upper  
138 100  
108 12.7 9.2 13.8  
92 131.5 101.9 152.9



#54  
2,4-Dinitrophenol  
Concen: 95.980 ng  
RT: 14.832 min Scan# 1948  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:184 Resp: 93401  
Ion Ratio Lower Upper  
184 100  
63 71.6 61.1 91.7  
154 77.1 60.6 91.0

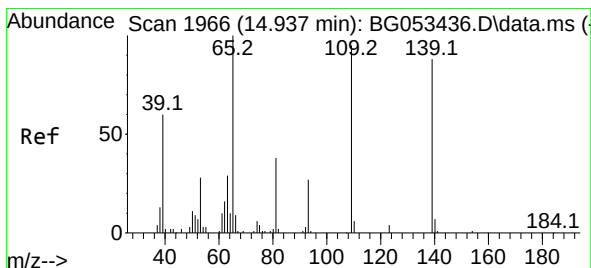
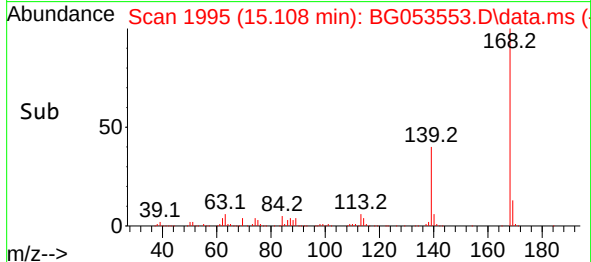
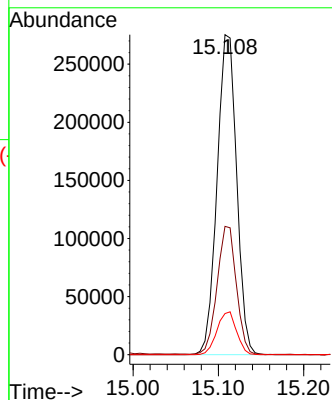
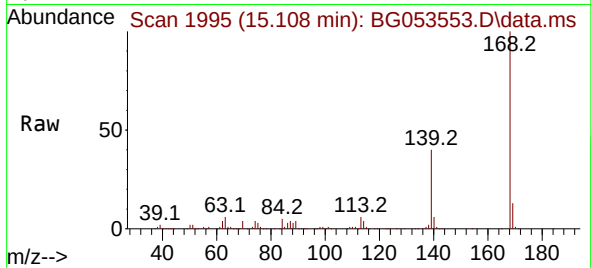




#55  
Dibenzenofuran  
Concen: 49.278 ng  
RT: 15.108 min Scan# 1995  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

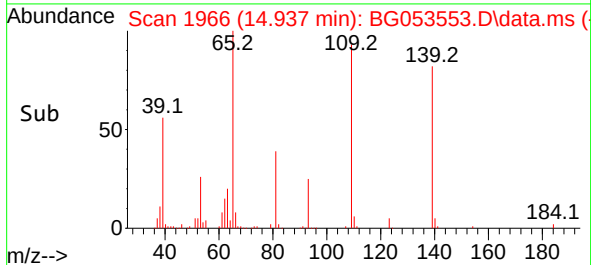
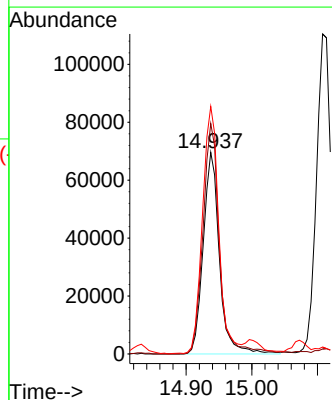
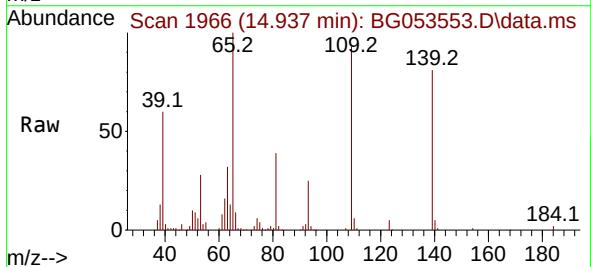
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

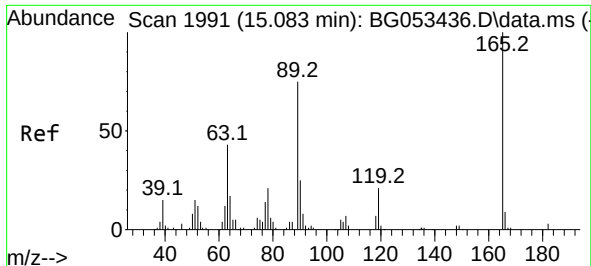
Tgt Ion:168 Resp: 438950  
Ion Ratio Lower Upper  
168 100  
139 40.1 30.5 45.7  
169 12.8 10.3 15.5



#56  
4-Nitrophenol  
Concen: 102.891 ng  
RT: 14.937 min Scan# 1966  
Delta R.T. 0.004 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:139 Resp: 120039  
Ion Ratio Lower Upper  
139 100  
109 114.3 88.5 128.5  
65 122.8 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 50.778 ng

RT: 15.073 min Scan# 1991

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA\_G

ClientSampleId :

VNJ-239MS

Tgt Ion:165 Resp: 111268

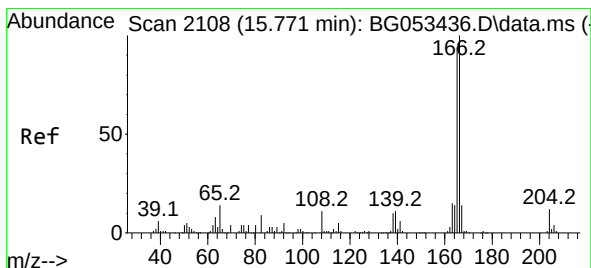
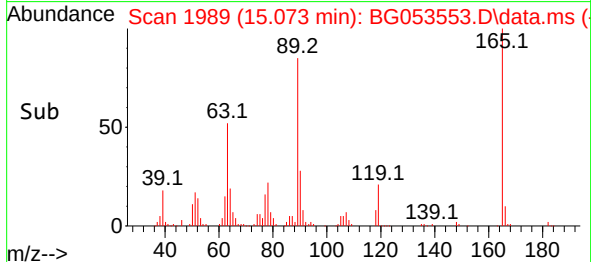
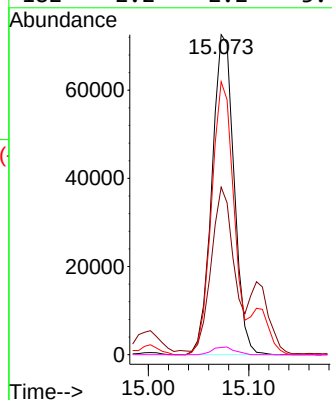
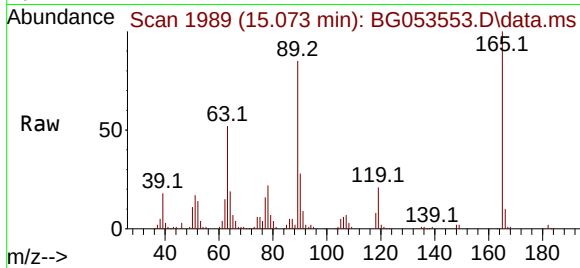
Ion Ratio Lower Upper

165 100

63 52.3 34.6 52.0#

89 85.3 60.3 90.5

182 2.2 2.2 3.4



#58

Fluorene

Concen: 49.941 ng

RT: 15.760 min Scan# 2106

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

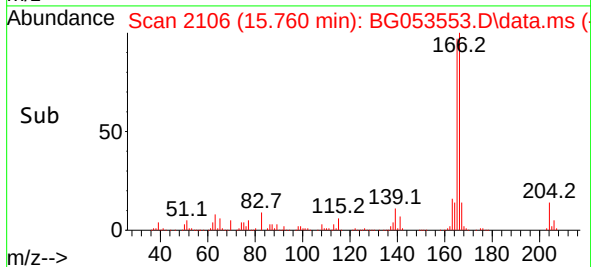
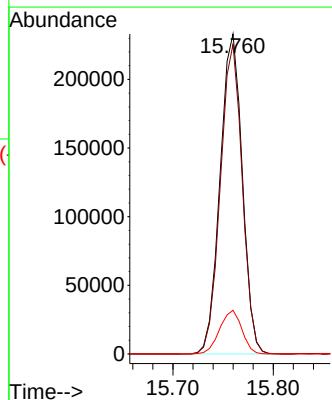
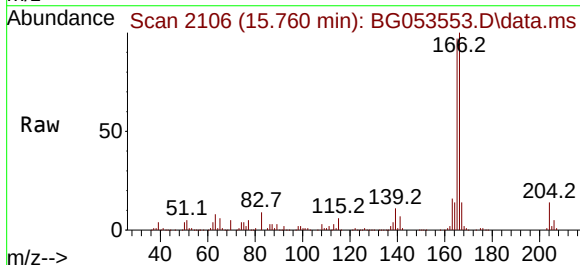
Tgt Ion:166 Resp: 356987

Ion Ratio Lower Upper

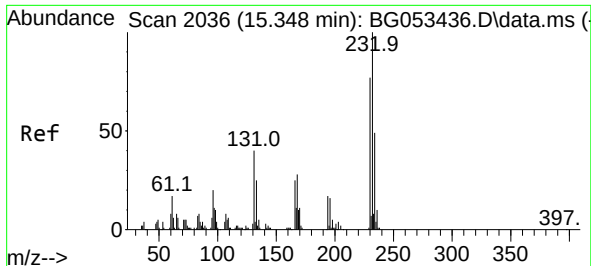
166 100

165 96.7 75.0 112.6

167 13.7 10.8 16.2



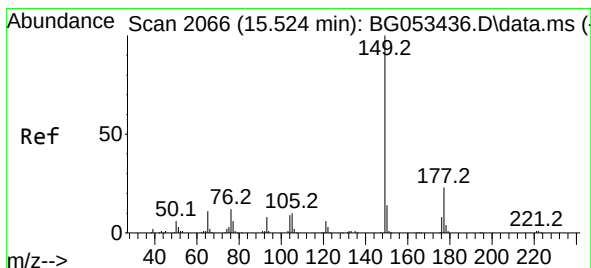
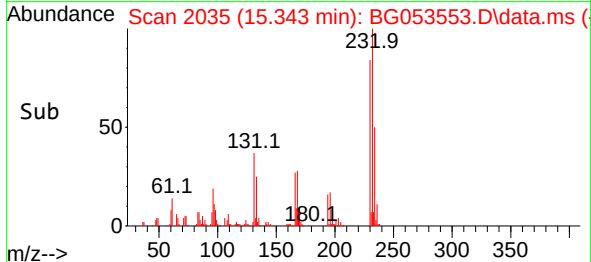
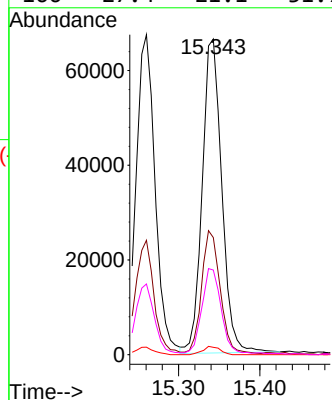
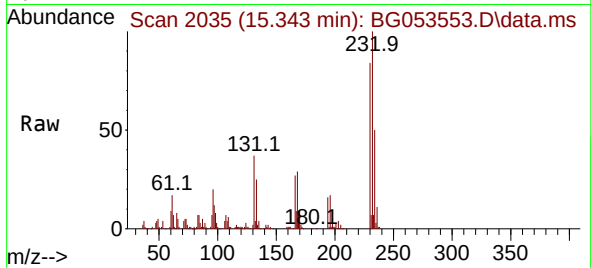




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 51.020 ng  
RT: 15.343 min Scan# 2035  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

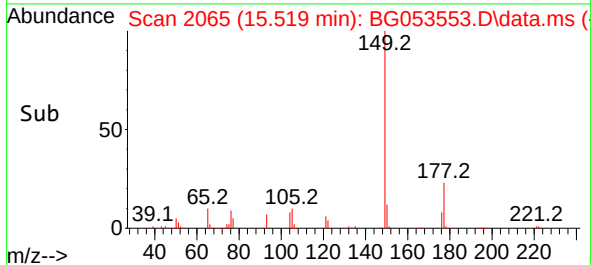
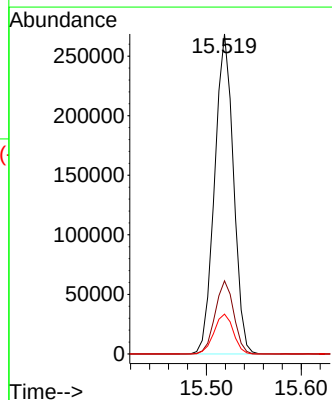
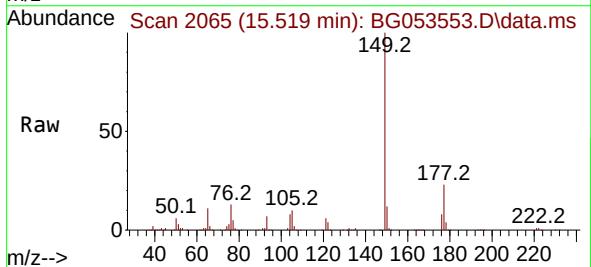
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

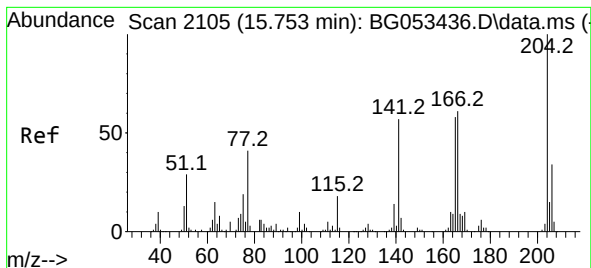
Tgt Ion:232 Resp: 110691  
Ion Ratio Lower Upper  
232 100  
131 37.3 30.6 46.0  
130 2.3 1.8 2.8  
166 27.4 21.1 31.7



#60  
Diethylphthalate  
Concen: 48.331 ng  
RT: 15.519 min Scan# 2065  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:149 Resp: 370451  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.4 27.6  
150 12.5 11.2 16.8

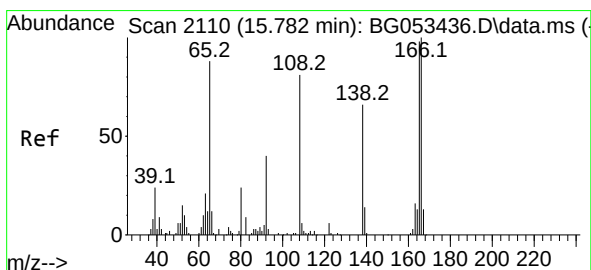
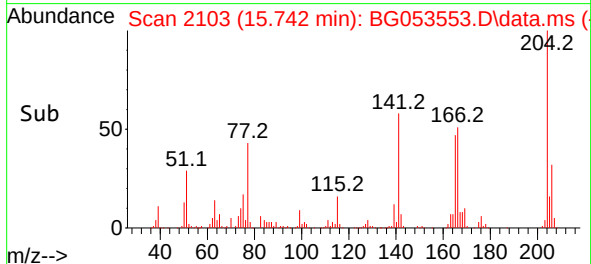
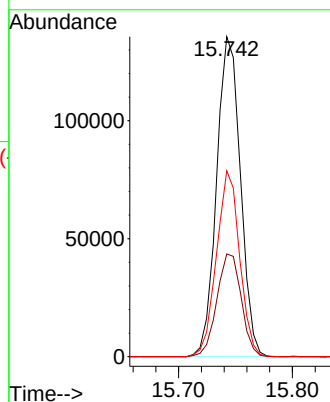
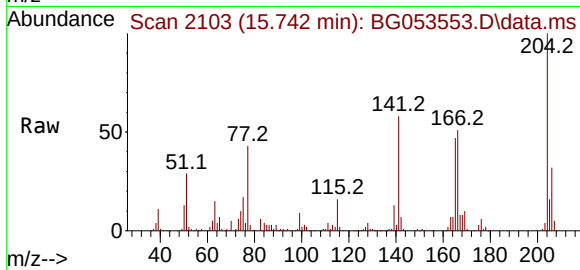




#61  
4-Chlorophenyl-phenylether  
Concen: 49.495 ng  
RT: 15.742 min Scan# 2103  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

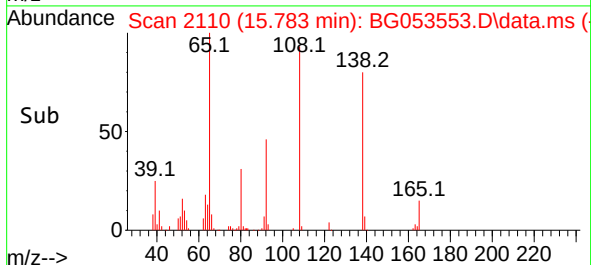
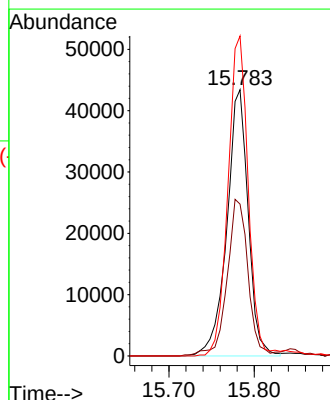
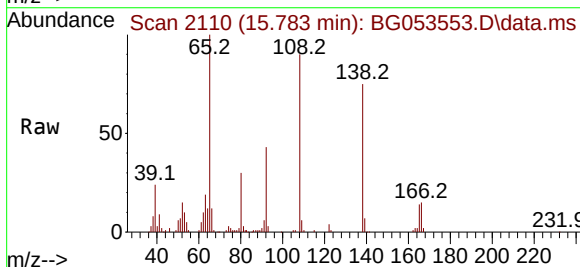
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

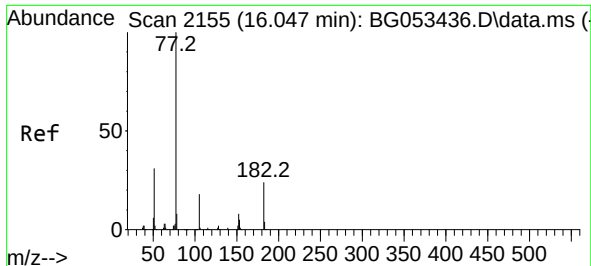
Tgt Ion:204 Resp: 197423  
Ion Ratio Lower Upper  
204 100  
206 32.1 27.5 41.3  
141 58.1 45.3 67.9



#62  
4-Nitroaniline  
Concen: 44.413 ng  
RT: 15.783 min Scan# 2110  
Delta R.T. 0.004 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:138 Resp: 75243  
Ion Ratio Lower Upper  
138 100  
92 57.0 40.5 80.5  
108 120.2 103.7 143.7

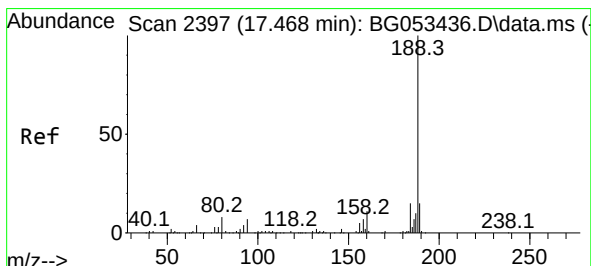
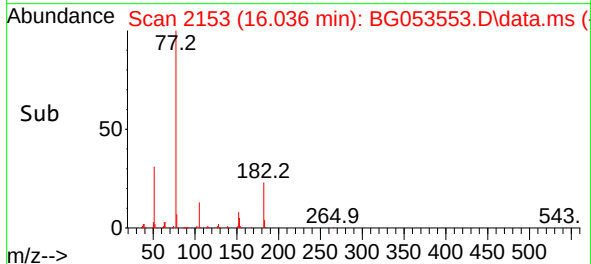
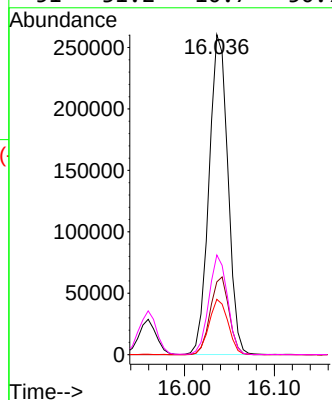
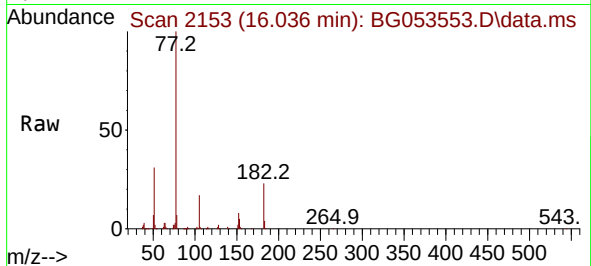




#63  
 Azobenzene  
 Concen: 48.431 ng  
 RT: 16.036 min Scan# 2153  
 Delta R.T. -0.002 min  
 Lab File: BG053553.D  
 Acq: 13 May 2022 21:42

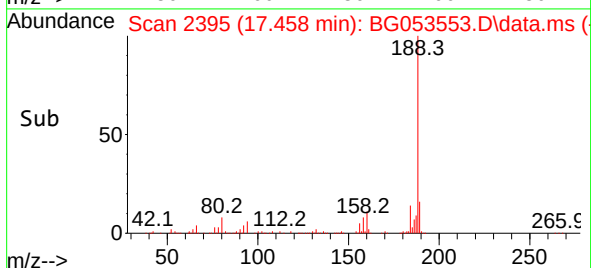
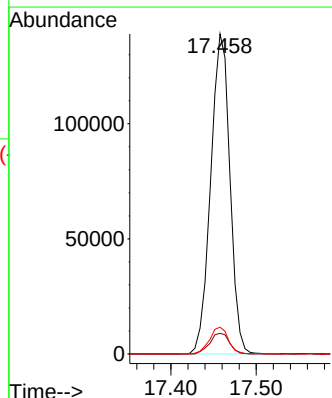
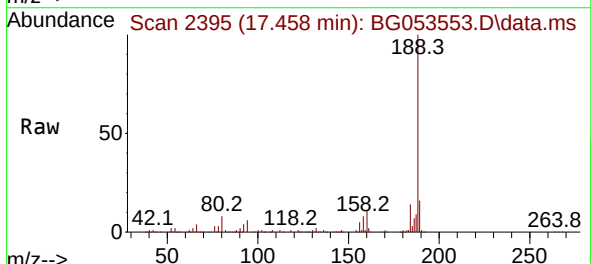
Instrument :  
 BNA\_G  
 ClientSampleId :  
 VNJ-239MS

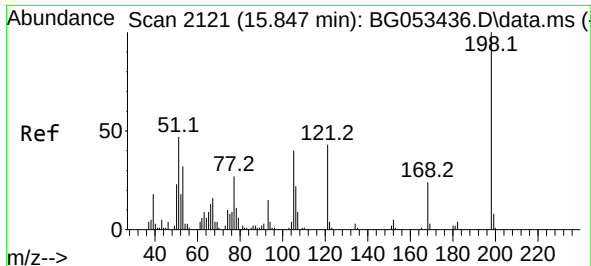
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 380128 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 22.8  | 3.8   | 43.8   |
| 105      | 17.3  | 0.0   | 37.8   |
| 51       | 31.2  | 10.7  | 50.7   |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.458 min Scan# 2395  
 Delta R.T. -0.002 min  
 Lab File: BG053553.D  
 Acq: 13 May 2022 21:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 217200 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 6.5   | 5.4   | 8.0    |
| 80       | 8.4   | 6.8   | 10.2   |

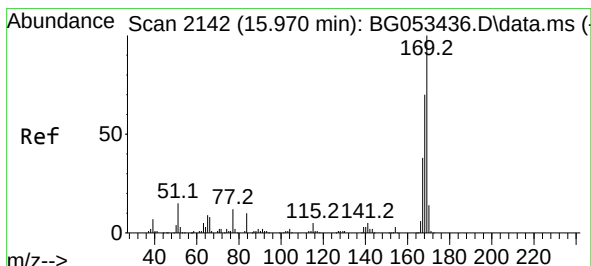
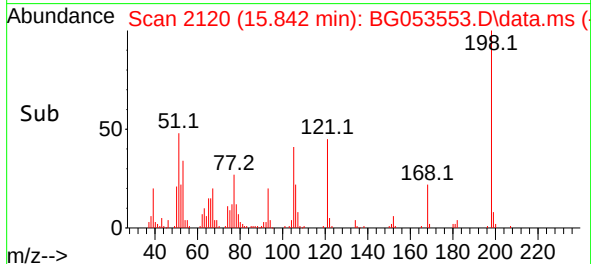
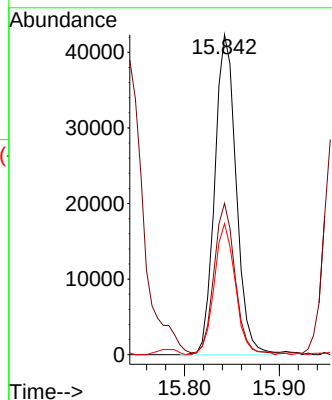
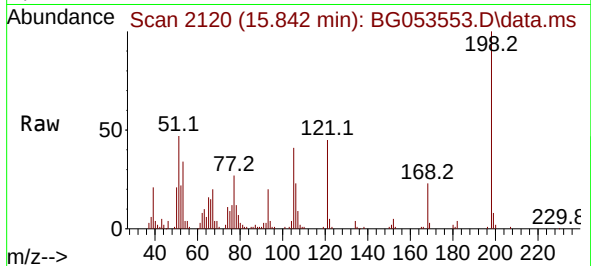




#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.576 ng  
RT: 15.842 min Scan# 2121  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

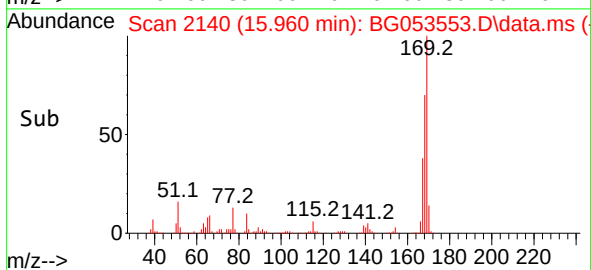
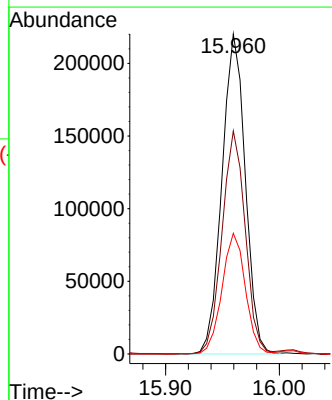
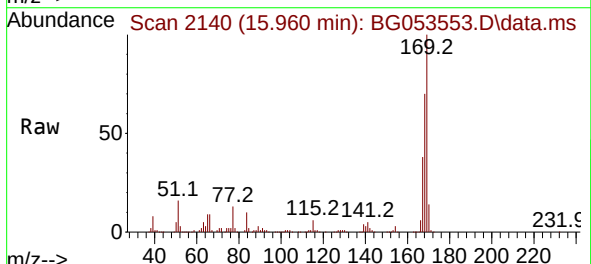
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

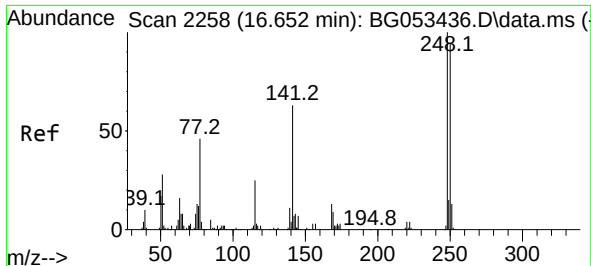
Tgt Ion:198 Resp: 66752  
Ion Ratio Lower Upper  
198 100  
51 47.3 28.1 68.1  
105 40.9 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 54.960 ng  
RT: 15.960 min Scan# 2140  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:169 Resp: 313416  
Ion Ratio Lower Upper  
169 100  
168 69.7 55.9 83.9  
167 37.7 30.6 46.0

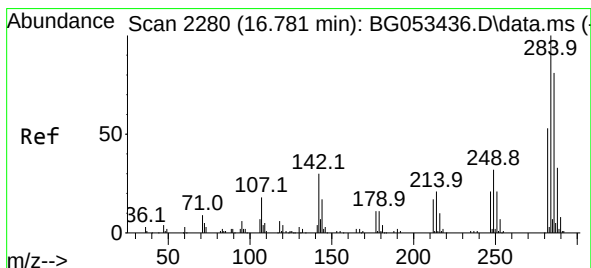
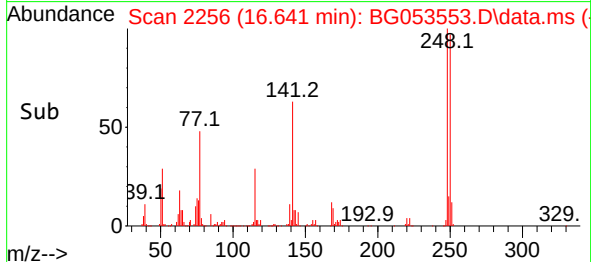
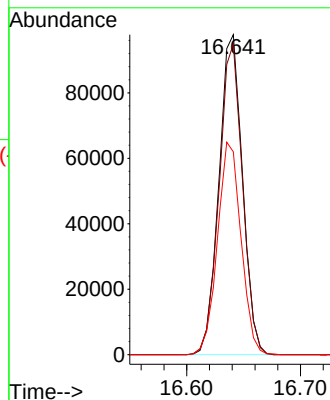
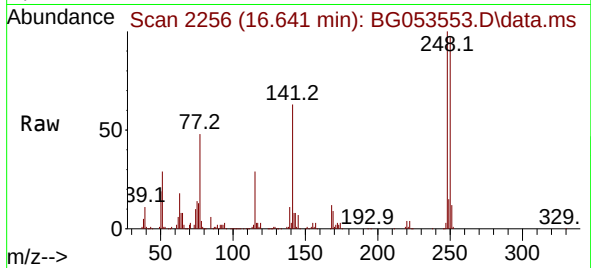




#67  
4-Bromophenyl-phenylether  
Concen: 55.464 ng  
RT: 16.641 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

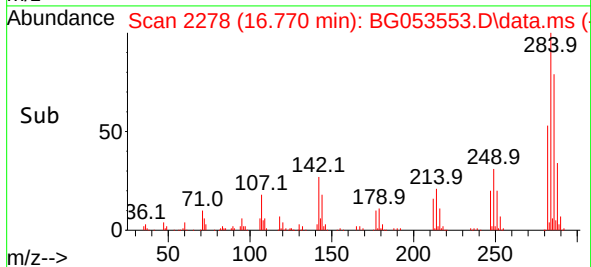
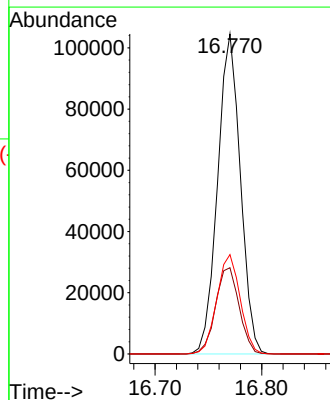
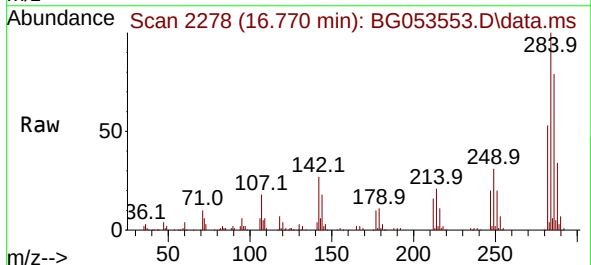
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

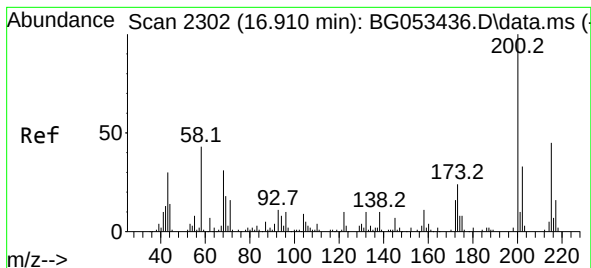
Tgt Ion:248 Resp: 140692  
Ion Ratio Lower Upper  
248 100  
250 97.1 75.2 112.8  
141 63.4 50.0 75.0



#68  
Hexachlorobenzene  
Concen: 55.679 ng  
RT: 16.770 min Scan# 2278  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:284 Resp: 154681  
Ion Ratio Lower Upper  
284 100  
142 27.0 23.6 35.4  
249 31.0 25.8 38.6





#69

Atrazine

Concen: 54.127 ng

RT: 16.905 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA\_G

ClientSampleId :

VNJ-239MS

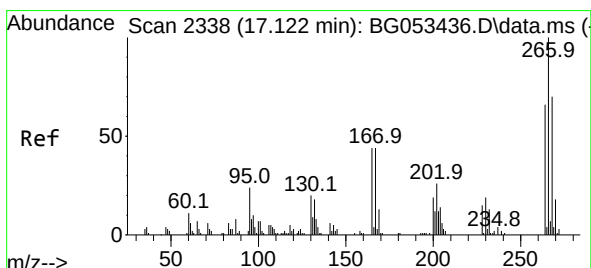
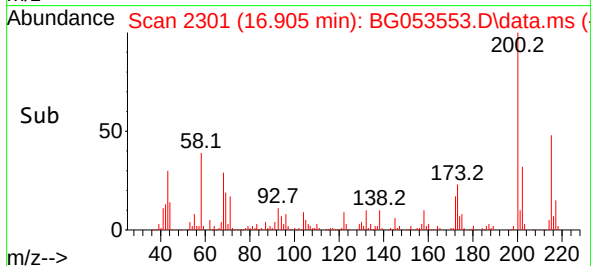
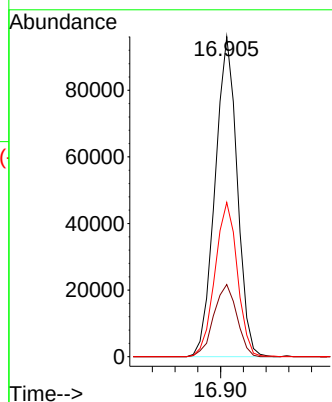
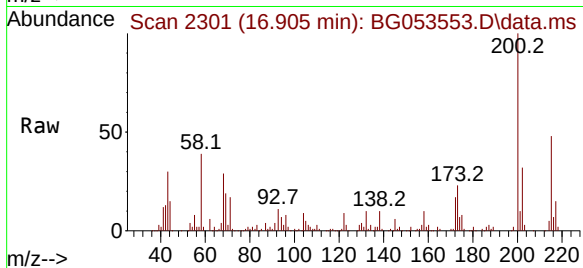
Tgt Ion:200 Resp: 129942

Ion Ratio Lower Upper

200 100

173 22.6 3.7 43.7

215 48.2 25.2 65.2



#70

Pentachlorophenol

Concen: 106.273 ng

RT: 17.117 min Scan# 2337

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

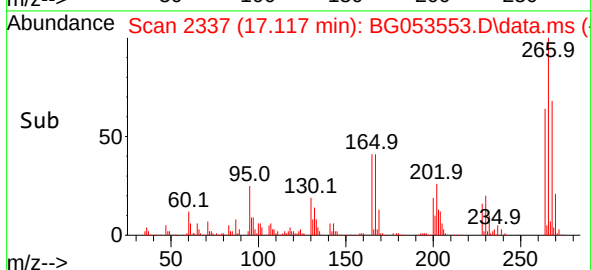
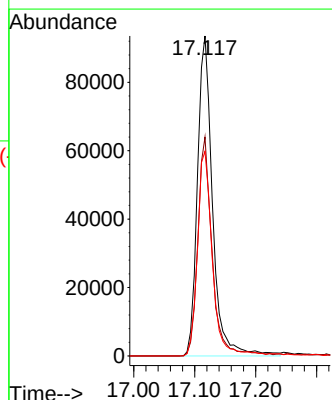
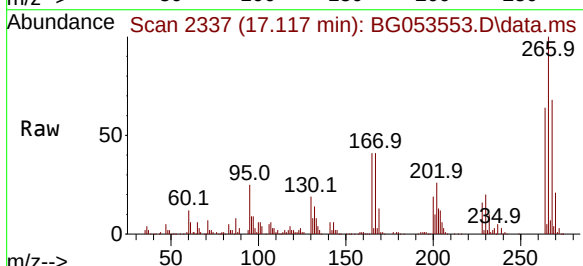
Tgt Ion:266 Resp: 161420

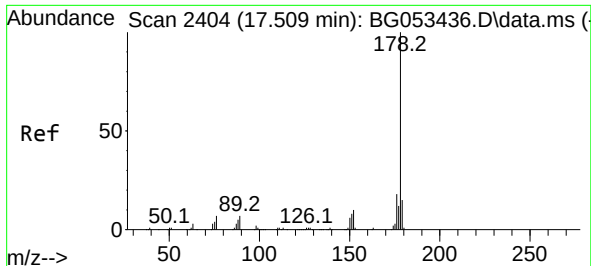
Ion Ratio Lower Upper

266 100

268 68.4 56.2 84.2

264 63.9 53.0 79.4

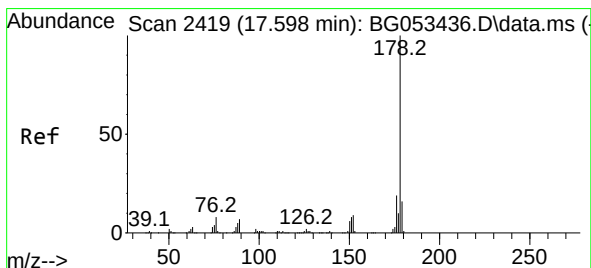
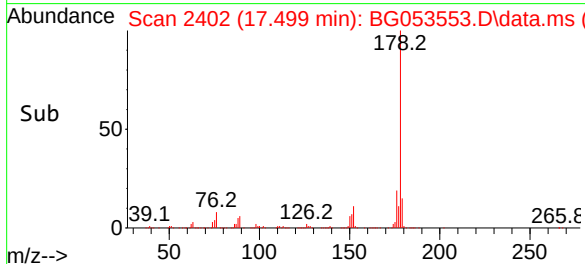
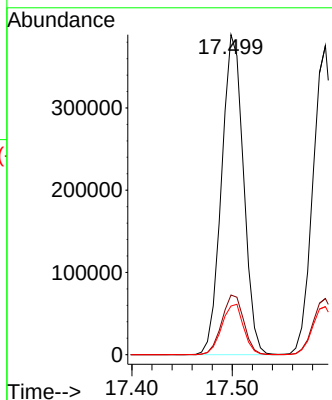
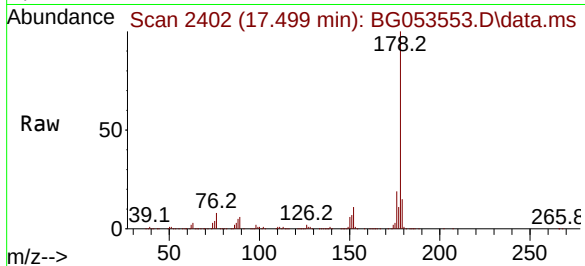




#71  
Phenanthrene  
Concen: 53.468 ng  
RT: 17.499 min Scan# 2404  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

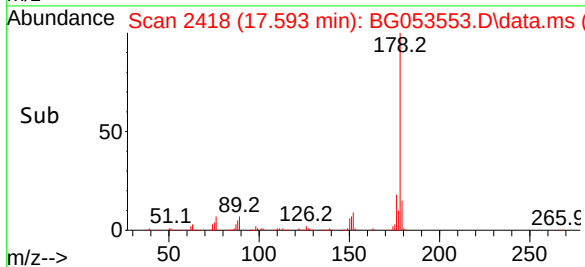
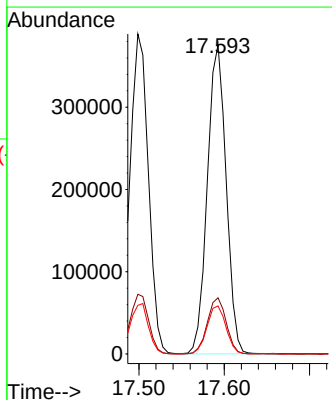
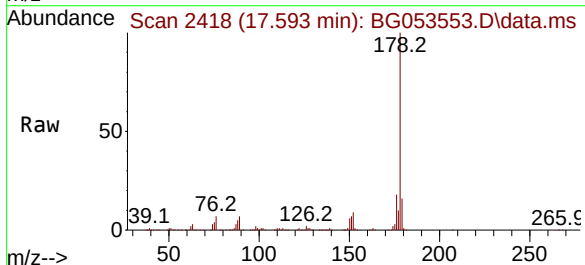
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

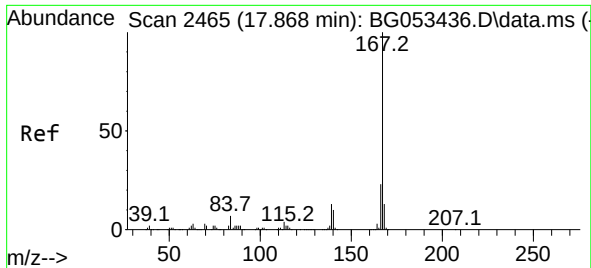
Tgt Ion:178 Resp: 590508  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.1 21.1  
179 15.2 12.1 18.1



#72  
Anthracene  
Concen: 52.958 ng  
RT: 17.593 min Scan# 2418  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:178 Resp: 574883  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.2 22.8  
179 15.5 13.0 19.4

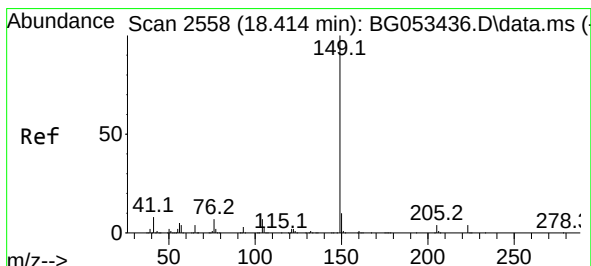
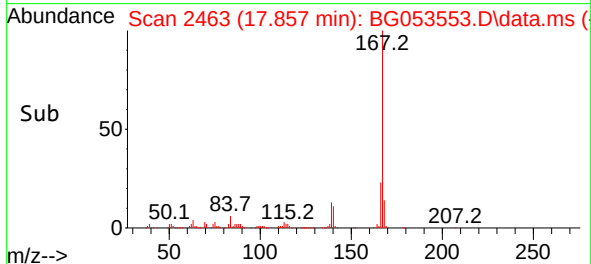
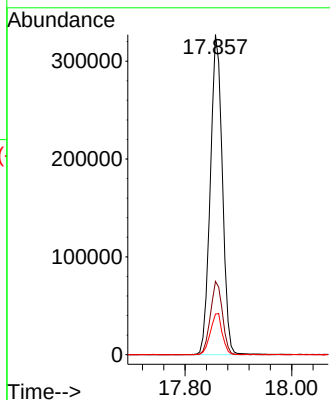
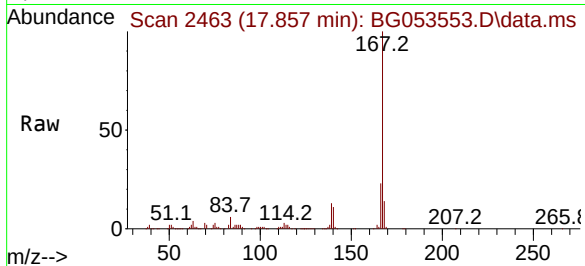




#73  
Carbazole  
Concen: 48.189 ng  
RT: 17.857 min Scan# 2463  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

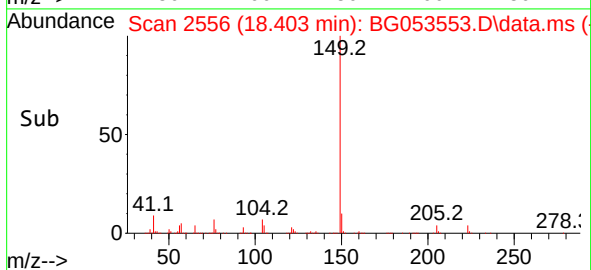
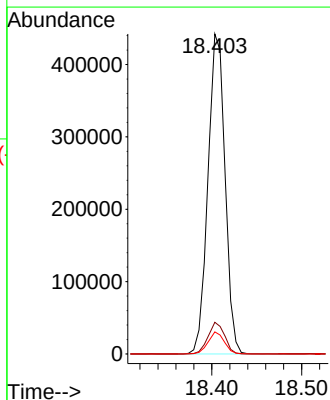
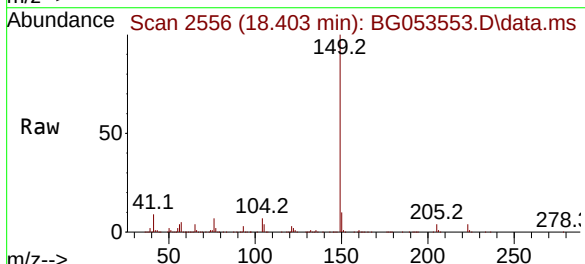
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

Tgt Ion:167 Resp: 512680  
Ion Ratio Lower Upper  
167 100  
166 22.9 18.2 27.2  
139 12.7 10.1 15.1

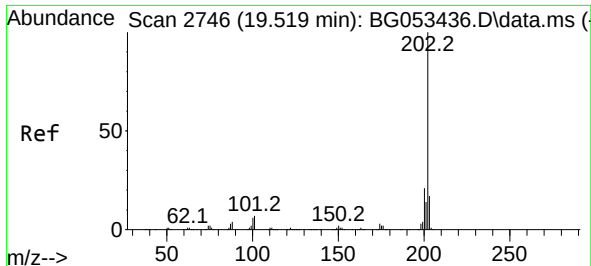


#74  
Di-n-butylphthalate  
Concen: 48.853 ng  
RT: 18.403 min Scan# 2556  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:149 Resp: 584541  
Ion Ratio Lower Upper  
149 100  
150 9.9 7.7 11.5  
104 6.9 5.4 8.0



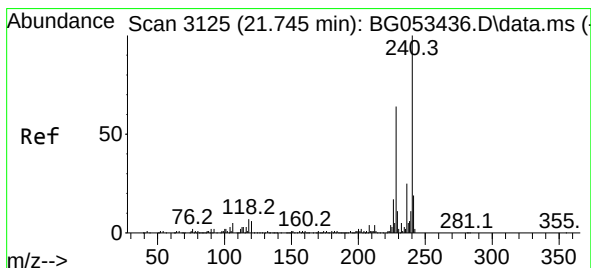
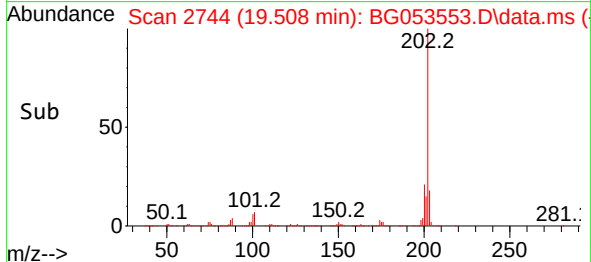
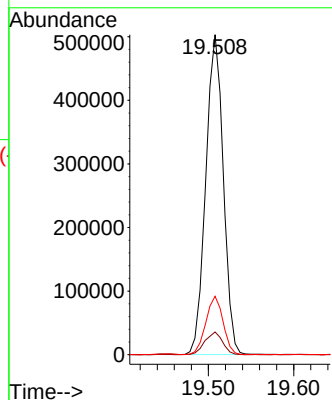
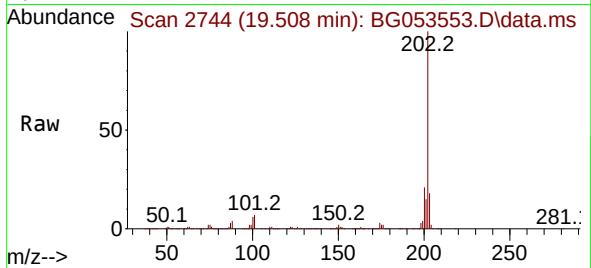




#75  
Fluoranthene  
Concen: 50.294 ng  
RT: 19.508 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

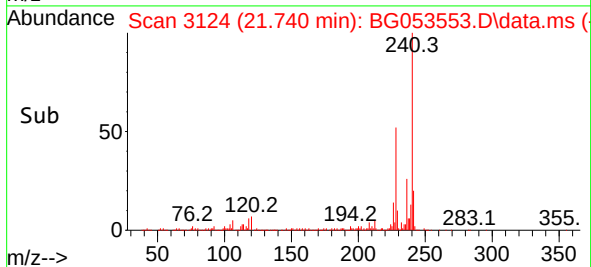
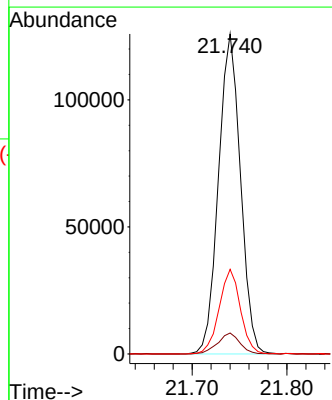
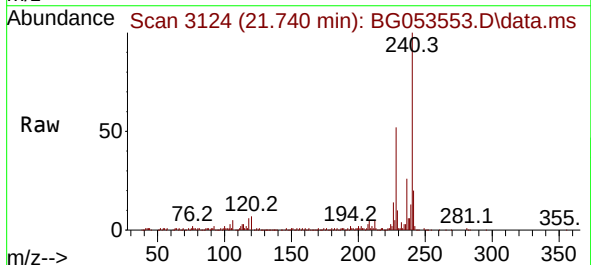
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

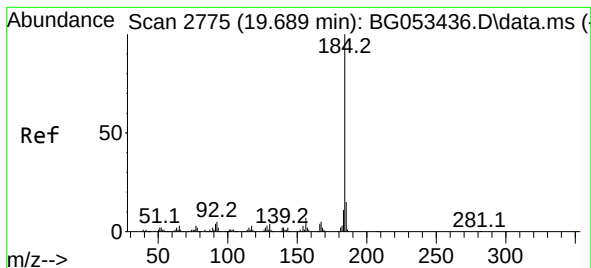
Tgt Ion:202 Resp: 719215  
Ion Ratio Lower Upper  
202 100  
101 7.1 0.0 26.9  
203 18.3 0.0 37.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.740 min Scan# 3124  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:240 Resp: 202761  
Ion Ratio Lower Upper  
240 100  
120 6.6 4.6 7.0  
236 26.4 20.2 30.4





#77

Benzidine

Concen: 49.606 ng

RT: 19.684 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA\_G

ClientSampleId :

VNJ-239MS

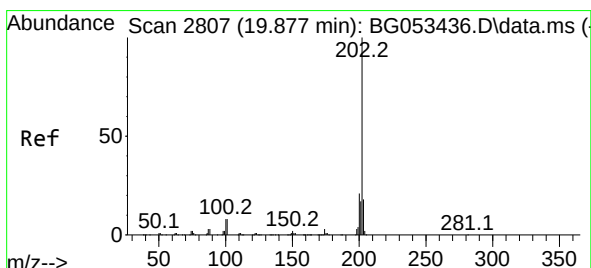
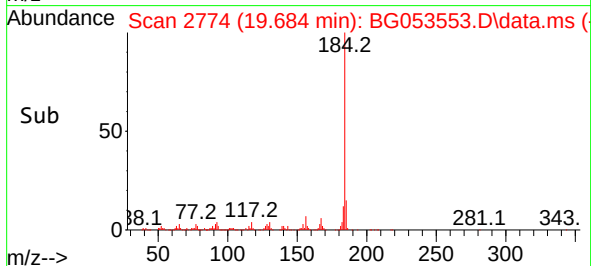
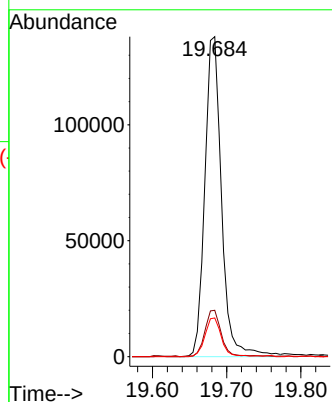
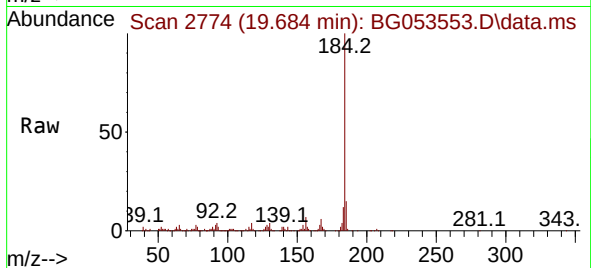
Tgt Ion:184 Resp: 216791

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

183 12.1 8.9 13.3



#78

Pyrene

Concen: 54.691 ng

RT: 19.872 min Scan# 2806

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

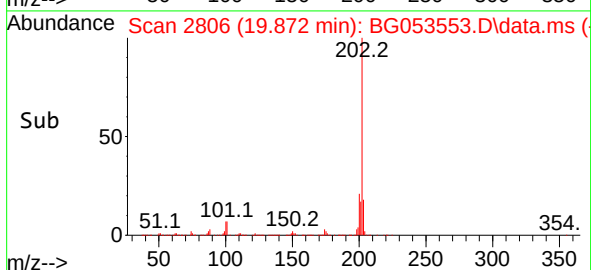
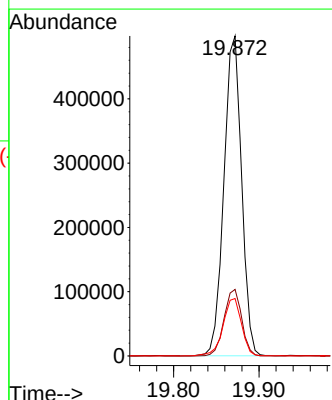
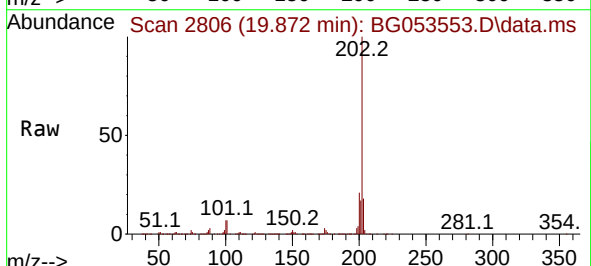
Tgt Ion:202 Resp: 717859

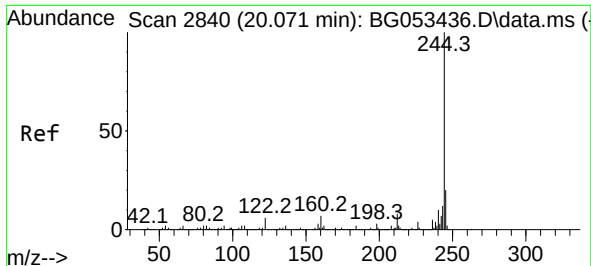
Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 17.9 14.6 21.8

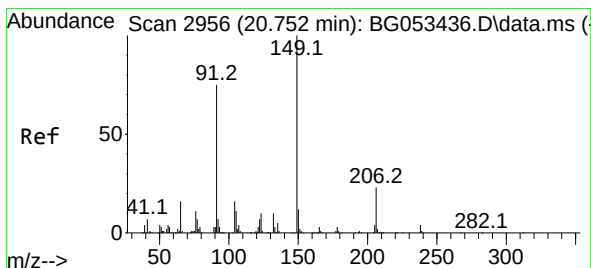
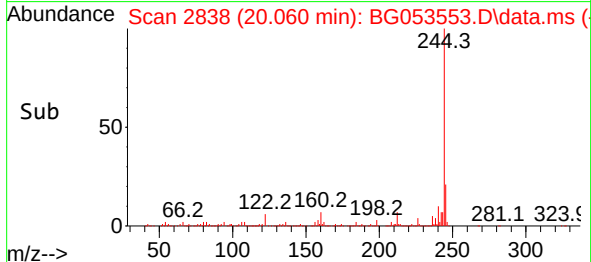
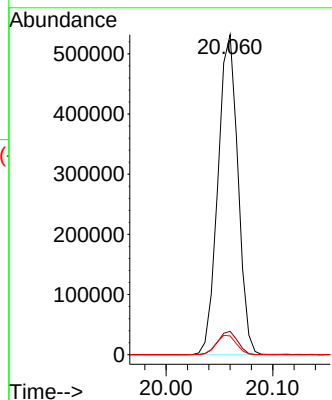
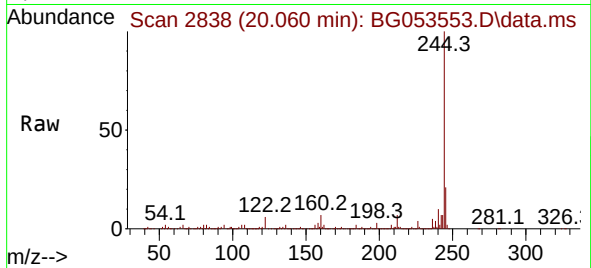




#79  
 Terphenyl-d14  
 Concen: 63.566 ng  
 RT: 20.060 min Scan# 21  
 Delta R.T. -0.002 min  
 Lab File: BG053553.D  
 Acq: 13 May 2022 21:42

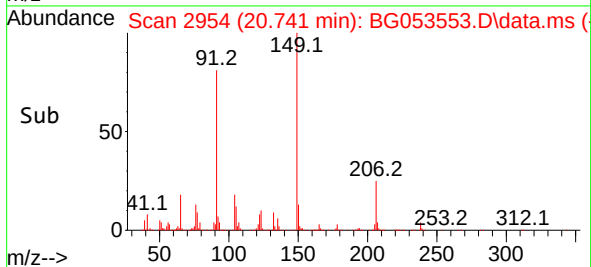
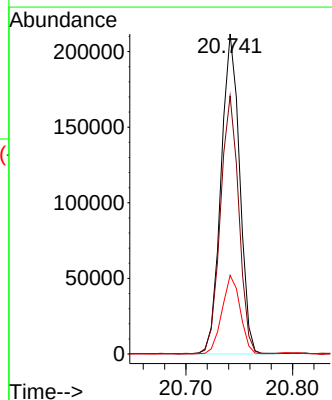
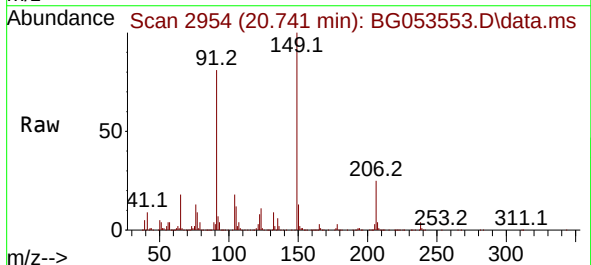
Instrument :  
 BNA\_G  
 ClientSampleId :  
 VNJ-239MS

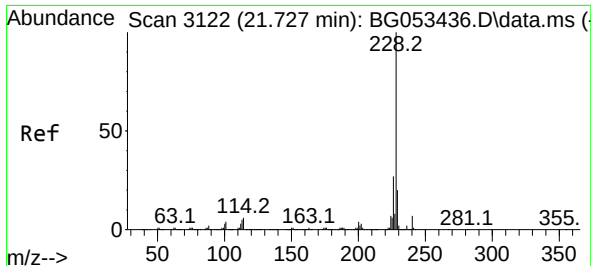
Tgt Ion:244 Resp: 692026  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.5 9.7  
 122 5.8 5.0 7.4



#80  
 Butylbenzylphthalate  
 Concen: 53.202 ng  
 RT: 20.741 min Scan# 2954  
 Delta R.T. -0.002 min  
 Lab File: BG053553.D  
 Acq: 13 May 2022 21:42

Tgt Ion:149 Resp: 256069  
 Ion Ratio Lower Upper  
 149 100  
 91 80.6 59.6 89.4  
 206 24.6 18.6 28.0

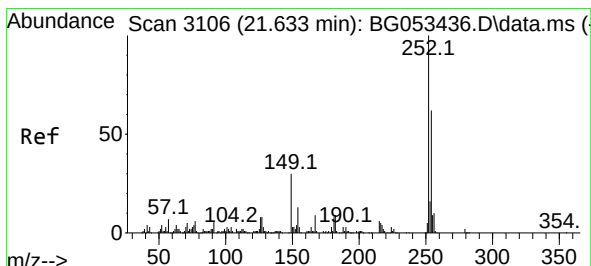
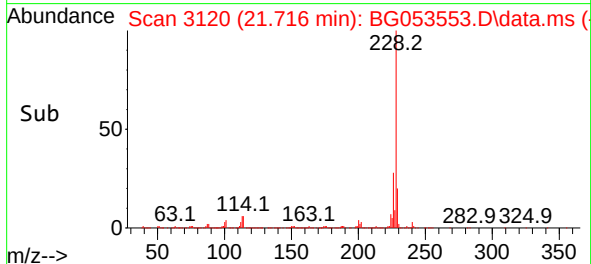
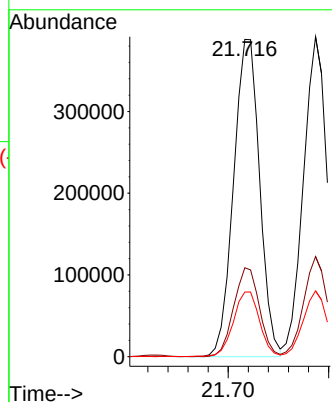
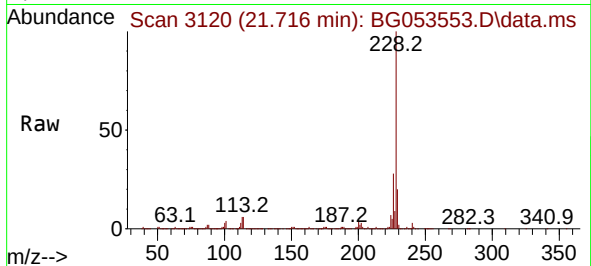




#81  
Benzo(a)anthracene  
Concen: 54.169 ng  
RT: 21.716 min Scan# 3122  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

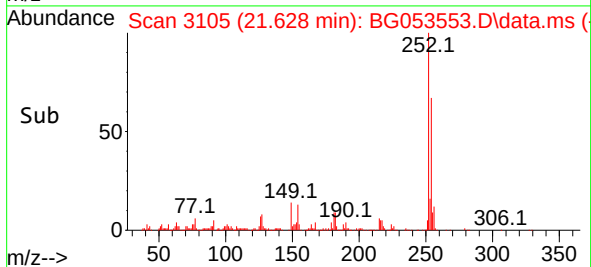
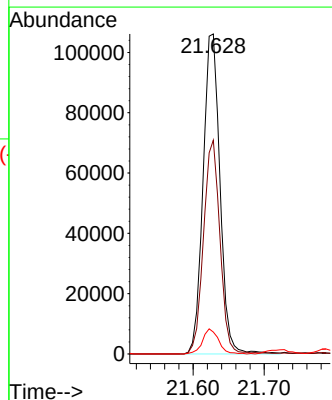
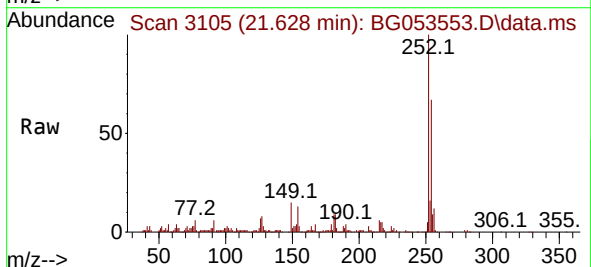
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

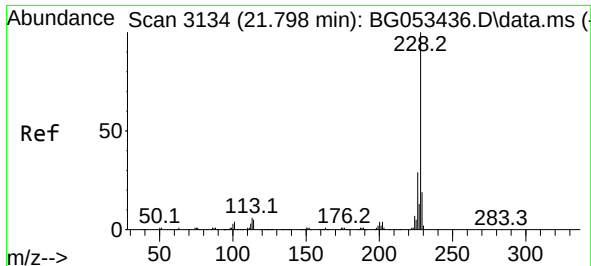
Tgt Ion:228 Resp: 700537  
Ion Ratio Lower Upper  
228 100  
226 28.0 21.6 32.4  
229 20.4 16.2 24.2



#82  
3,3'-Dichlorobenzidine  
Concen: 53.652 ng  
RT: 21.628 min Scan# 3105  
Delta R.T. 0.004 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:252 Resp: 175955  
Ion Ratio Lower Upper  
252 100  
254 66.8 49.8 74.8  
126 6.8 6.0 9.0





#83

Chrysene

Concen: 53.037 ng

RT: 21.787 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA\_G

ClientSampleId :

VNJ-239MS

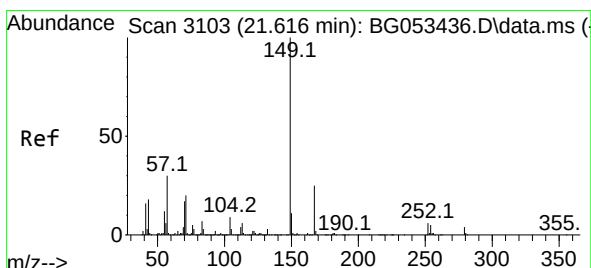
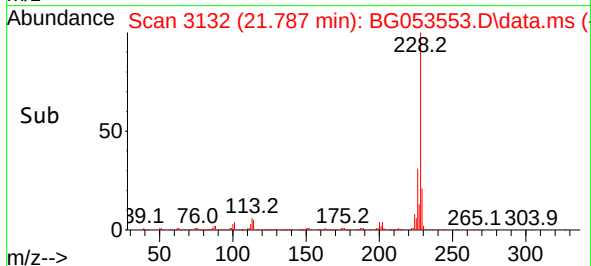
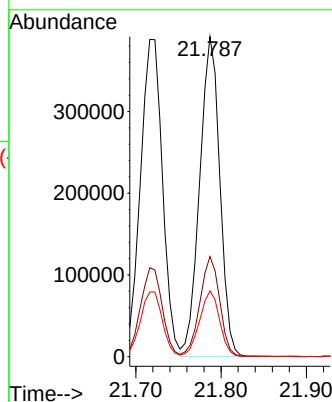
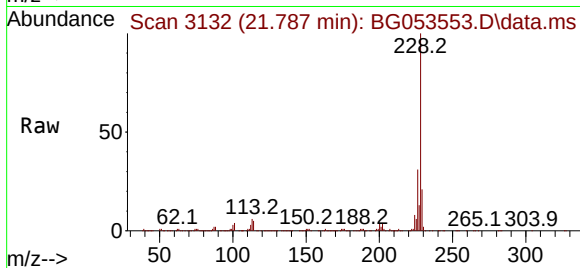
Tgt Ion:228 Resp: 640605

Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.2

229 20.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.082 ng

RT: 21.605 min Scan# 3101

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

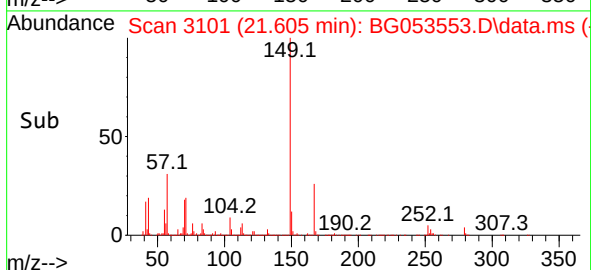
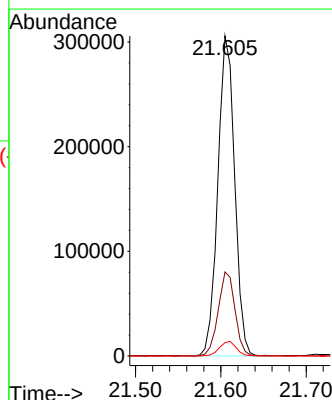
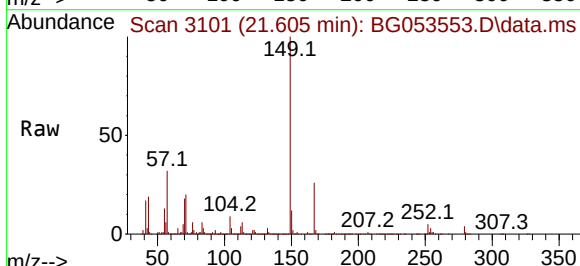
Tgt Ion:149 Resp: 419072

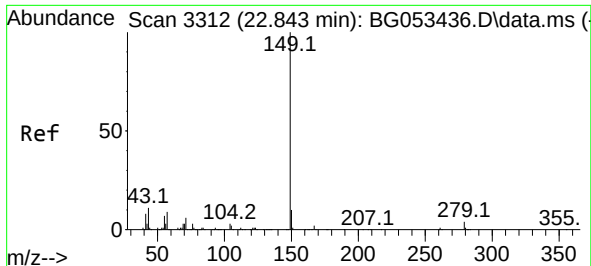
Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.4

279 4.1 3.6 5.4

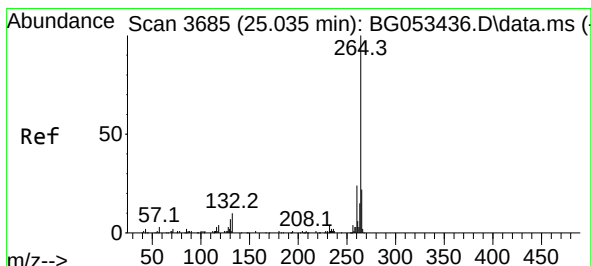
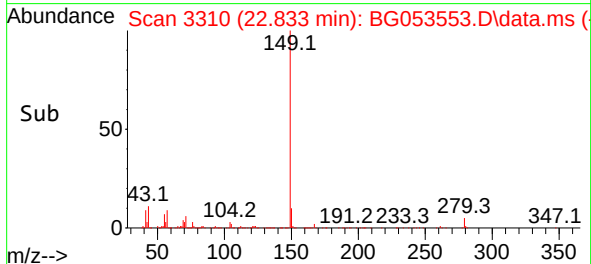
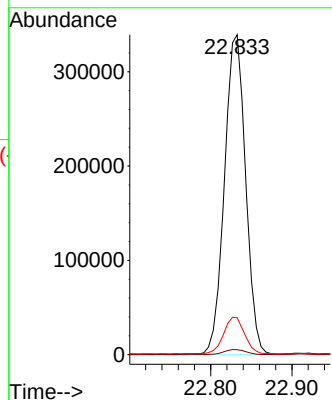
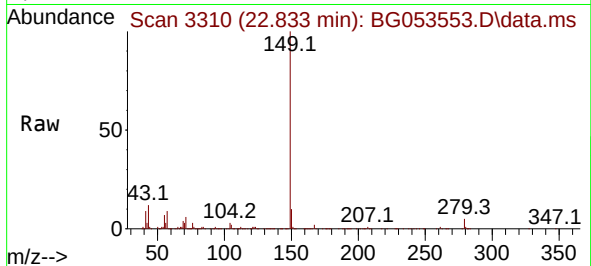




#85  
Di-n-octyl phthalate  
Concen: 54.510 ng  
RT: 22.833 min Scan# 31  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

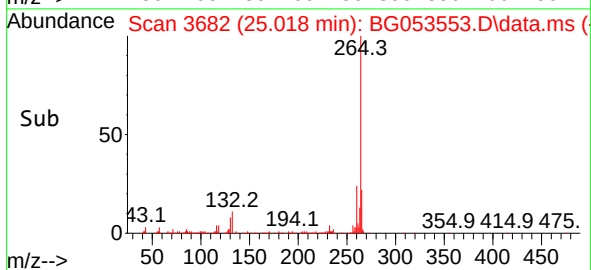
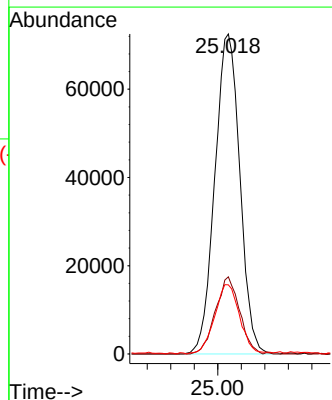
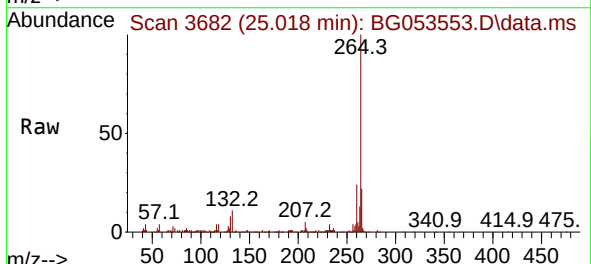
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-239MS

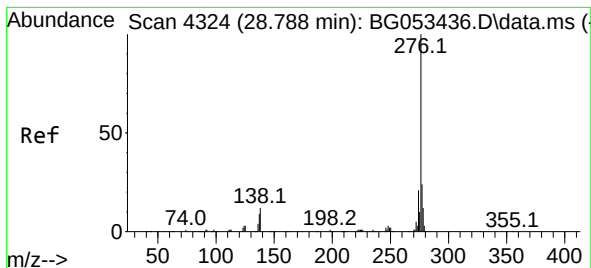
Tgt Ion:149 Resp: 612347  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 11.3 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.018 min Scan# 3682  
Delta R.T. -0.002 min  
Lab File: BG053553.D  
Acq: 13 May 2022 21:42

Tgt Ion:264 Resp: 213726  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.0 28.6  
265 21.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.463 ng

RT: 28.789 min Scan# 41

Delta R.T. 0.010 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA\_G

ClientSampleId :

VNJ-239MS

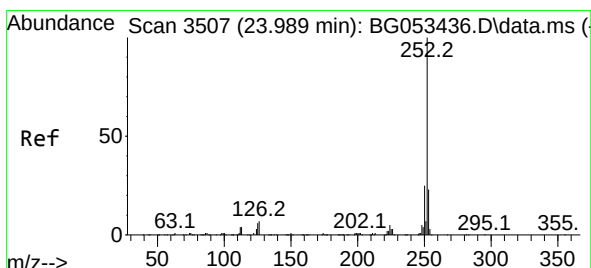
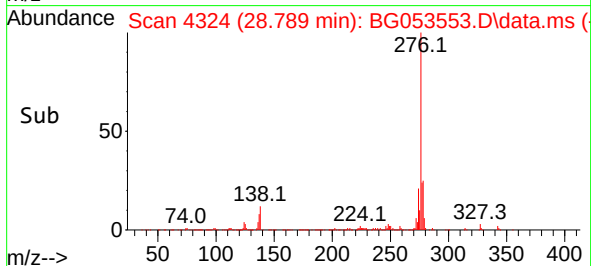
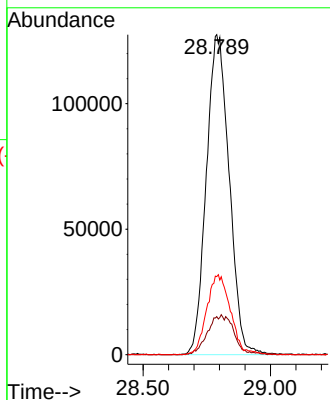
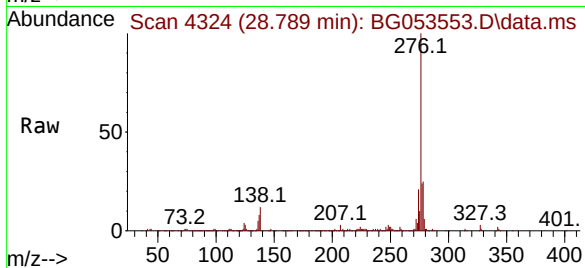
Tgt Ion:276 Resp: 795827

Ion Ratio Lower Upper

276 100

138 6.3 5.0 7.4

277 26.0 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 58.235 ng

RT: 23.978 min Scan# 3505

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

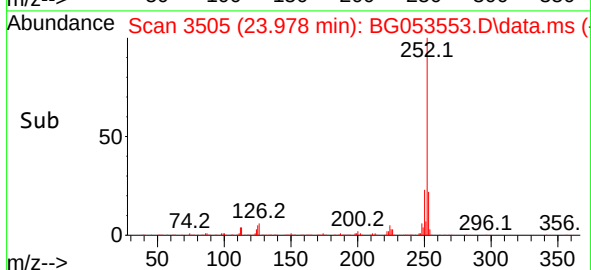
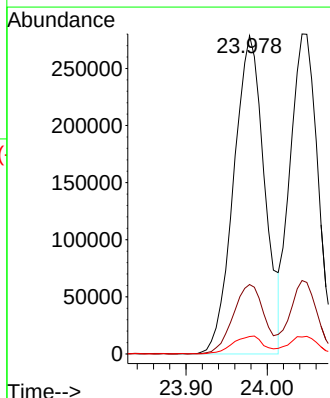
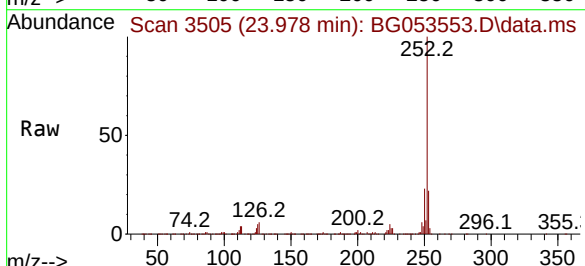
Tgt Ion:252 Resp: 736718

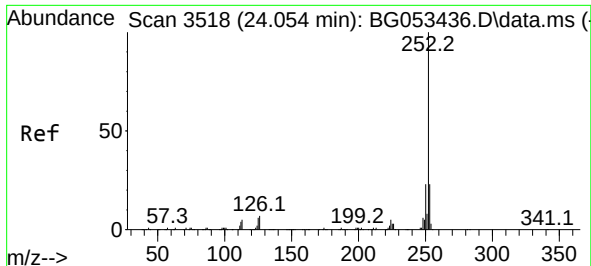
Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 5.5 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 53.248 ng

RT: 24.043 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA\_G

ClientSampleId :

VNJ-239MS

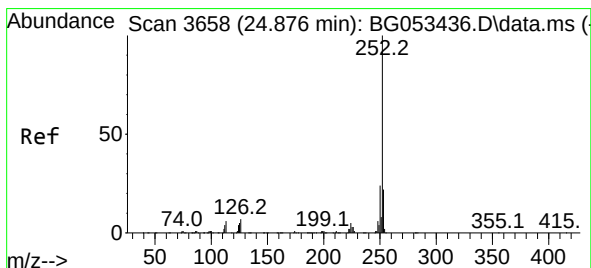
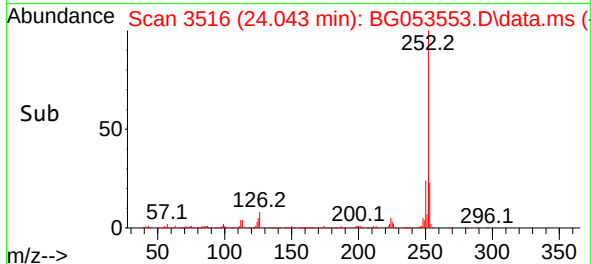
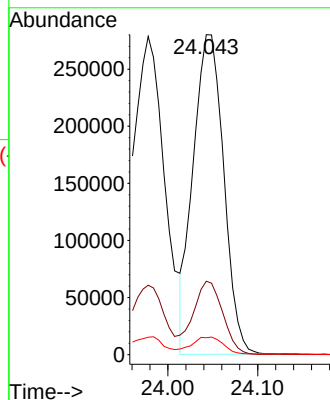
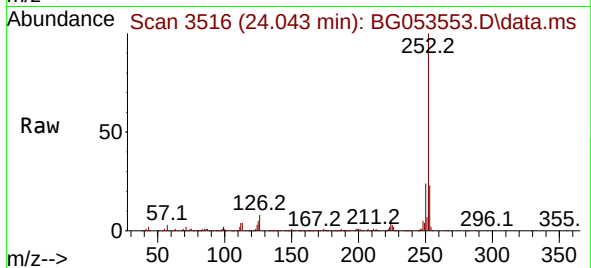
Tgt Ion:252 Resp: 661948

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

125 5.3 4.8 7.2



#90

Benzo(a)pyrene

Concen: 63.936 ng

RT: 24.865 min Scan# 3656

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

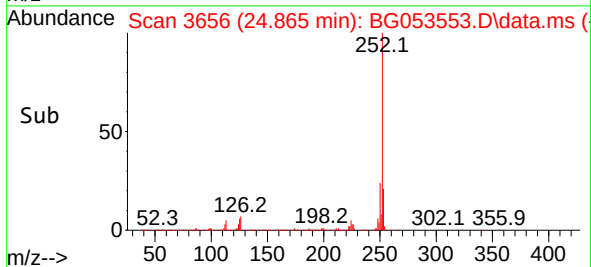
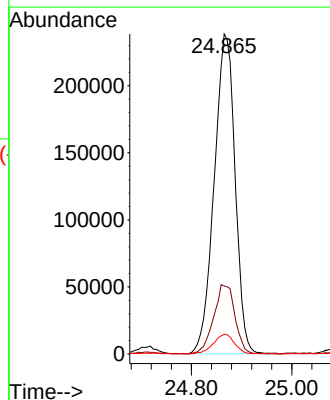
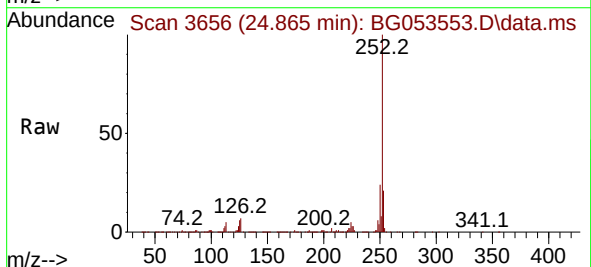
Tgt Ion:252 Resp: 688444

Ion Ratio Lower Upper

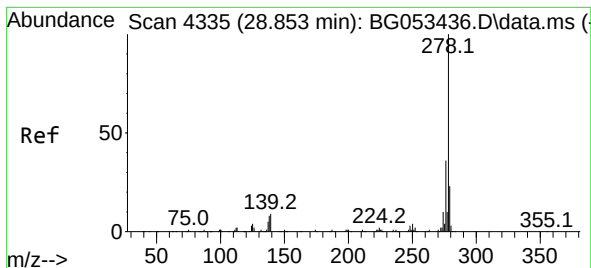
252 100

253 21.2 17.8 26.8

125 6.2 4.3 6.5







#91

Dibenzo(a,h)anthracene

Concen: 55.853 ng

RT: 28.836 min Scan# 41

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA\_G

ClientSampleId :

VNJ-239MS

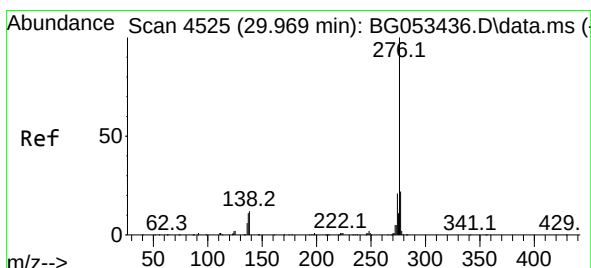
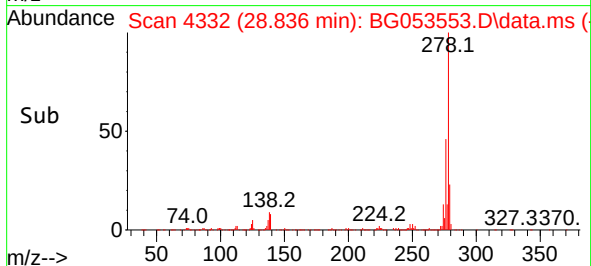
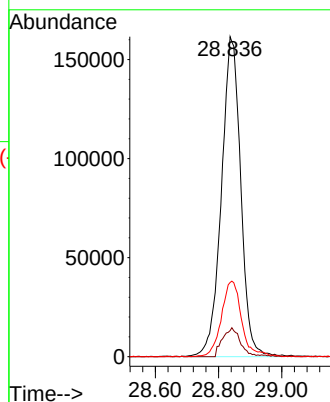
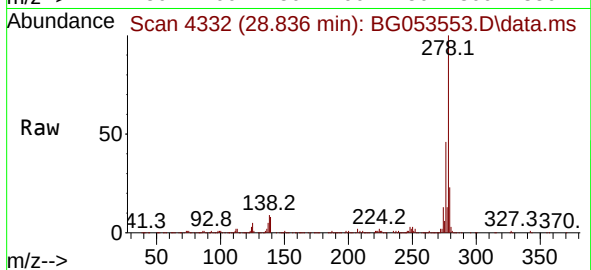
Tgt Ion:278 Resp: 685073

Ion Ratio Lower Upper

278 100

139 8.2 7.2 10.8

279 23.2 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 55.645 ng

RT: 29.958 min Scan# 4523

Delta R.T. 0.004 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Tgt Ion:276 Resp: 676545

Ion Ratio Lower Upper

276 100

277 23.4 17.3 25.9

138 11.9 9.6 14.4

