

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\  
 Data File : BG044557.D  
 Acq On : 21 Feb 2020 20:14  
 Operator : CG/JU  
 Sample : PB126945BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Feb 22 05:52:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 21 16:02:12 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 59073    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.68 | 136  | 242485   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.52 | 164  | 152505   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.27 | 188  | 377826   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.51 | 240  | 404286   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.58 | 264  | 289554   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.46  | 112 | 429080  | 128.19 | ng | 0.00 |
| 7) Phenol-d6                | 7.05  | 99  | 584765  | 130.10 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.03  | 82  | 330539  | 76.96  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.02 | 330 | 246965  | 137.94 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.14 | 172 | 777609  | 85.38  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.88 | 244 | 1362875 | 69.34  | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.34  | 88  | 51933  | 34.533 | ng | 99   |
| 3) Pyridine                    | 3.73  | 79  | 128277 | 32.016 | ng | 99   |
| 4) n-Nitrosodimethylamine      | 3.65  | 42  | 60892  | 36.369 | ng | 97   |
| 6) Aniline                     | 7.20  | 93  | 107160 | 19.207 | ng | 97   |
| 8) 2-Chlorophenol              | 7.45  | 128 | 154537 | 42.009 | ng | 99   |
| 10) Phenol                     | 7.08  | 94  | 194196 | 43.656 | ng | 98   |
| 11) bis(2-Chloroethyl)ether    | 7.30  | 93  | 142495 | 37.469 | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 7.77  | 146 | 161202 | 36.702 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 7.91  | 146 | 163706 | 37.632 | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 8.24  | 146 | 156582 | 38.081 | ng | 99   |
| 15) Benzyl Alcohol             | 8.12  | 79  | 127617 | 40.103 | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.41  | 45  | 186961 | 36.322 | ng | 99   |
| 17) 2-Methylphenol             | 8.34  | 107 | 132504 | 41.749 | ng | 97   |
| 18) Hexachloroethane           | 8.96  | 117 | 59086  | 36.195 | ng | 97   |
| 19) n-Nitroso-di-n-propylamine | 8.69  | 70  | 110508 | 36.890 | ng | 98   |
| 20) 3+4-Methylphenols          | 8.66  | 107 | 182048 | 41.621 | ng | 99   |
| 22) Acetophenone               | 8.70  | 105 | 217427 | 36.859 | ng | # 99 |
| 24) Nitrobenzene               | 9.08  | 77  | 160009 | 38.160 | ng | 97   |
| 25) Isophorone                 | 9.60  | 82  | 310467 | 38.782 | ng | 98   |
| 26) 2-Nitrophenol              | 9.79  | 139 | 89616  | 41.189 | ng | 97   |
| 27) 2,4-Dimethylphenol         | 9.86  | 122 | 148904 | 48.483 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 10.09 | 93  | 194977 | 36.510 | ng | 100  |
| 29) 2,4-Dichlorophenol         | 10.33 | 162 | 158517 | 42.684 | ng | 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.54 | 180 | 157412 | 36.966 | ng | 99   |
| 31) Naphthalene                | 10.73 | 128 | 465184 | 39.541 | ng | 99   |
| 32) Benzoic acid               | 10.03 | 122 | 78564  | 41.541 | ng | 98   |
| 33) 4-Chloroaniline            | 10.84 | 127 | 107778 | 20.143 | ng | 98   |
| 34) Hexachlorobutadiene        | 11.03 | 225 | 92445  | 35.281 | ng | 98   |
| 35) Caprolactam                | 11.60 | 113 | 29757  | 21.874 | ng | 94   |
| 36) 4-Chloro-3-methylphenol    | 11.98 | 107 | 171495 | 44.045 | ng | 99   |
| 37) 2-Methylnaphthalene        | 12.34 | 142 | 348991 | 39.953 | ng | 97   |
| 38) 1-Methylnaphthalene        | 12.56 | 142 | 334702 | 40.643 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.71 | 216 | 178400 | 39.106 | ng | 100  |
| 41) Hexachlorocyclopentadiene  | 12.70 | 237 | 85928  | 39.255 | ng | 98   |

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 ALS Vial : 17 Sample Multiplier: 1

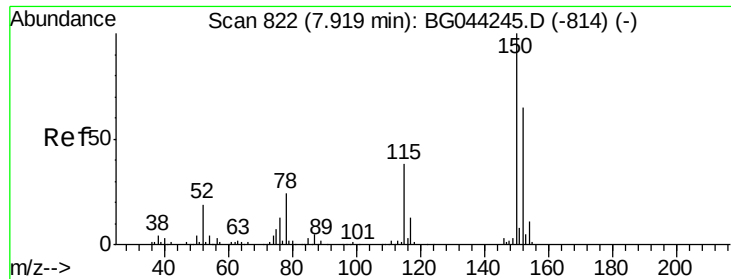
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Feb 22 05:52:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 21 16:02:12 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 43) 2,4,6-Trichlorophenol      | 12.95 | 196  | 127863   | 43.362  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.04 | 196  | 139298   | 46.251  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.35 | 154  | 455299   | 41.390  | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.39 | 162  | 350525   | 40.044  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.59 | 65   | 106448   | 41.206  | ng    | 98       |
| 49) Acenaphthylene             | 14.24 | 152  | 560861   | 43.684  | ng    | 98       |
| 50) Dimethylphthalate          | 13.98 | 163  | 471594   | 43.019  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.09 | 165  | 107236   | 43.872  | ng    | 95       |
| 52) Acenaphthene               | 14.59 | 154  | 346328   | 41.616  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.42 | 138  | 76539    | 28.304  | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.63 | 184  | 116366   | 80.312  | ng    | 96       |
| 55) Dibenzofuran               | 14.92 | 168  | 552763   | 43.871  | ng    | 98       |
| 56) 4-Nitrophenol              | 14.75 | 139  | 191696   | 96.775  | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.89 | 165  | 154253   | 45.026  | ng    | 99       |
| 58) Fluorene                   | 15.57 | 166  | 448943   | 45.238  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.15 | 232  | 128870   | 47.371  | ng    | 97       |
| 60) Diethylphthalate           | 15.35 | 149  | 485420   | 44.439  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.56 | 204  | 229757   | 42.699  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.59 | 138  | 107254   | 39.692  | ng    | 96       |
| 63) Azobenzene                 | 15.86 | 77   | 415412   | 43.392  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.66 | 198  | 91552    | 43.897  | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.78 | 169  | 421983   | 39.854  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.46 | 248  | 157242   | 38.199  | ng    | 97       |
| 68) Hexachlorobenzene          | 16.58 | 284  | 170307   | 36.929  | ng    | 100      |
| 69) Atrazine                   | 16.73 | 200  | 72204    | 19.895  | ng    | 98       |
| 70) Pentachlorophenol          | 16.93 | 266  | 283202   | 119.810 | ng    | 99       |
| 71) Phenanthrene               | 17.31 | 178  | 760427   | 41.563  | ng    | 98       |
| 72) Anthracene                 | 17.40 | 178  | 740716   | 40.950  | ng    | 98       |
| 73) Carbazole                  | 17.67 | 167  | 719583   | 43.153  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.24 | 149  | 894538   | 43.410  | ng    | 97       |
| 75) Fluoranthene               | 19.32 | 202  | 952388   | 44.999  | ng    | 97       |
| 77) Benzidine                  | 19.50 | 184  | 101493   | 9.051   | ng    | 96       |
| 78) Pyrene                     | 19.68 | 202  | 960369   | 36.989  | ng    | 97       |
| 80) Butylbenzylphthalate       | 20.57 | 149  | 422903   | 35.743  | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.49 | 228  | 934548   | 37.507  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.41 | 252  | 282760   | 29.240  | ng    | 96       |
| 83) Chrysene                   | 21.56 | 228  | 877939   | 36.453  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.41 | 149  | 592944   | 36.409  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.57 | 149  | 1058924  | 37.580  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.06 | 276  | 1116959  | 35.548  | ng    | # 93     |
| 88) Benzo(b)fluoranthene       | 23.61 | 252  | 980818   | 58.784  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.68 | 252  | 975125   | 59.964  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.44 | 252  | 935741   | 59.316  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.12 | 278  | 937377   | 60.040  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.15 | 276  | 948291   | 60.674  | ng    | 99       |

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



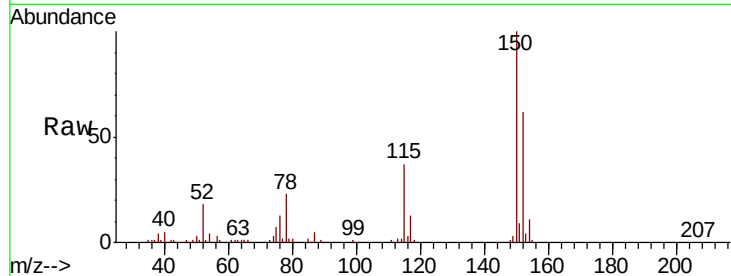


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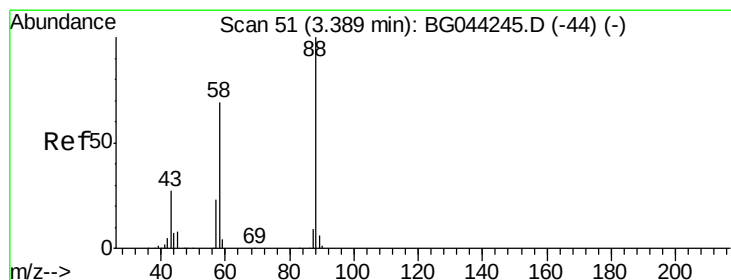
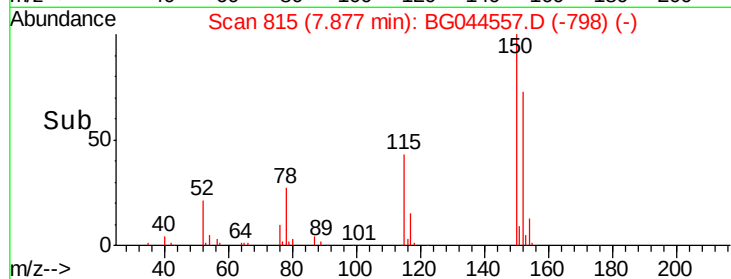
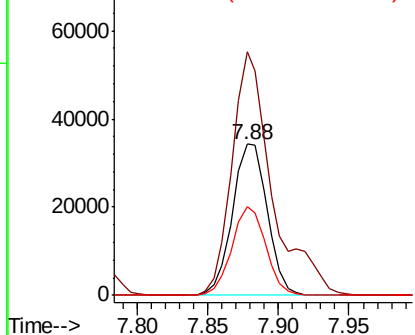
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.88 min Scan# 815  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.1 | 123.1 | 184.7 |
| 115     | 58.8  | 45.1  | 67.7  |



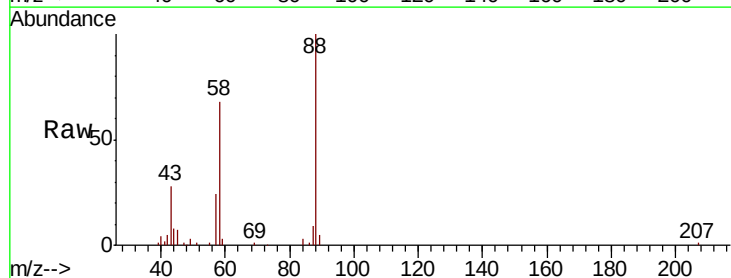
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



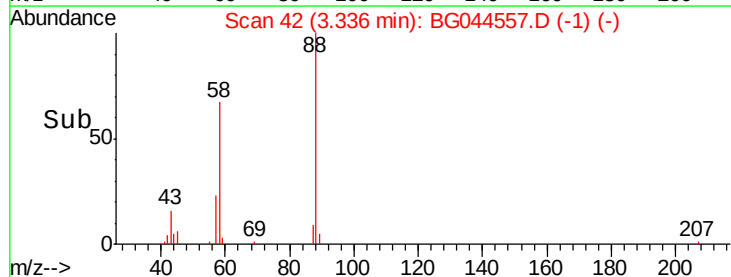
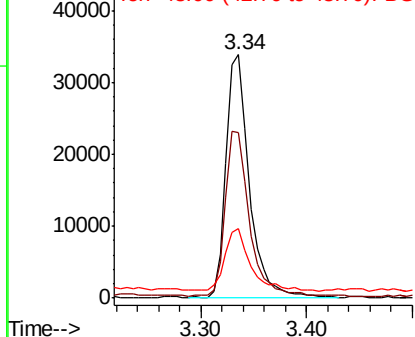
#2

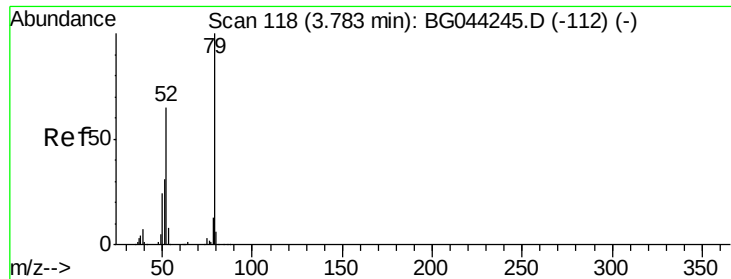
1,4-Dioxane  
 Concen: 34.533 ng  
 RT: 3.34 min Scan# 42  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 69.0  | 54.8  | 82.2  |
| 43      | 27.6  | 21.2  | 31.8  |



Abundance Ion 88.00 (87.70 to 88.70): BGC  
 Ion 58.00 (57.70 to 58.70): BGC  
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.016 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

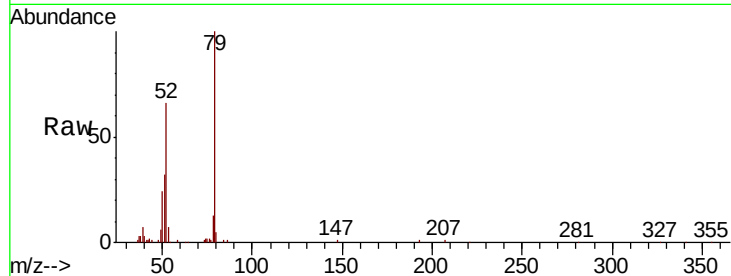
Tot Ion: 79 Resp: 128277

Ion Ratio Lower Upper

79 100

52 65.6 53.0 79.4

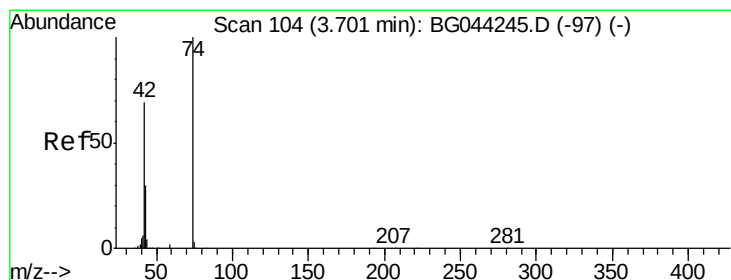
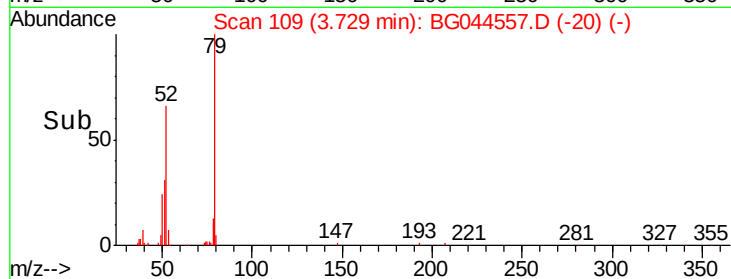
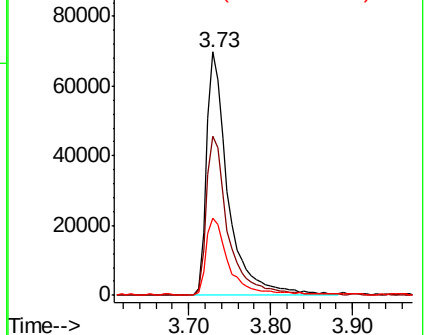
51 31.9 25.7 38.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.369 ng

RT: 3.65 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

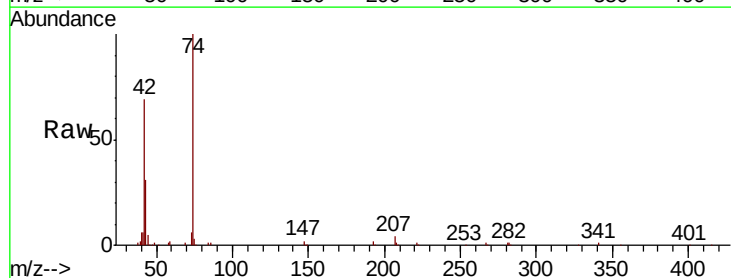
Tgt Ion: 42 Resp: 60892

Ion Ratio Lower Upper

42 100

74 144.3 118.4 177.6

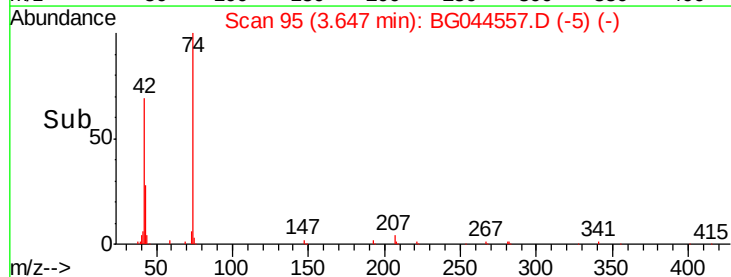
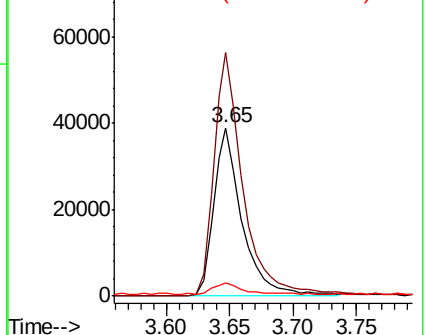
44 7.6 6.0 9.0

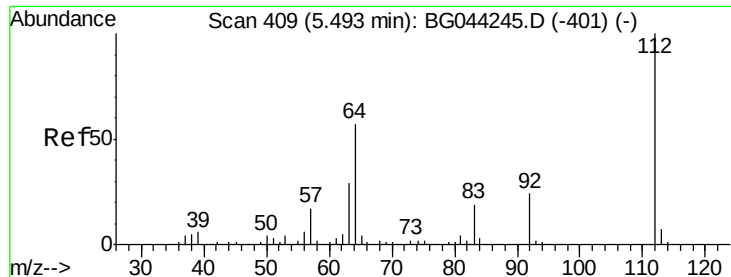


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.190 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

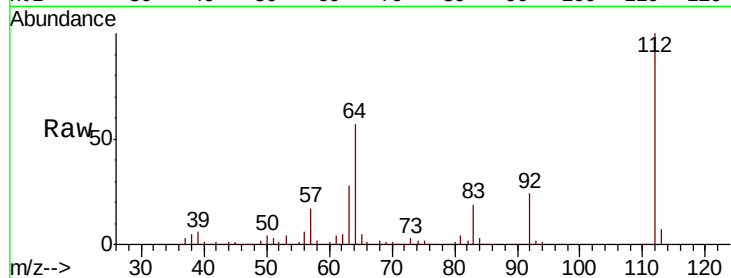
Tot Ion:112 Resp: 429080

Ion Ratio Lower Upper

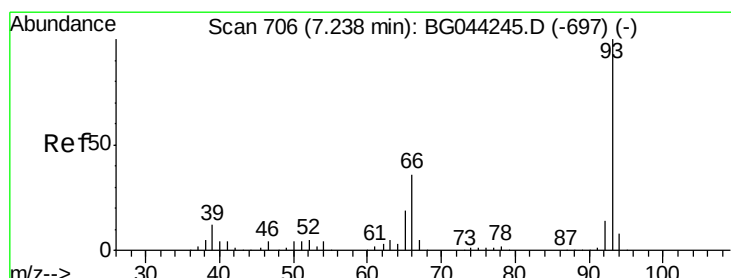
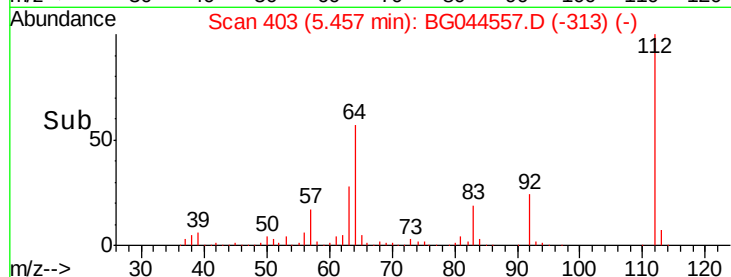
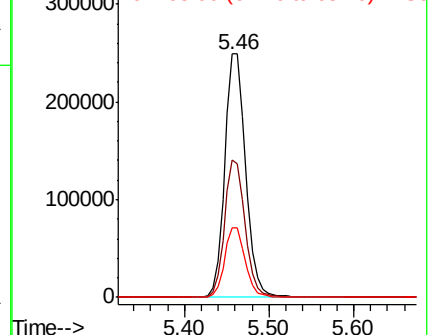
112 100

64 56.7 44.5 66.7

63 28.3 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.207 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

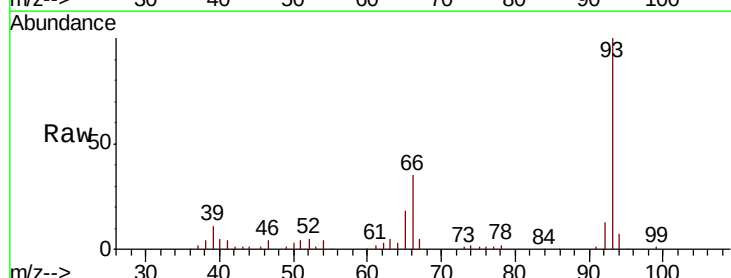
Tgt Ion: 93 Resp: 107160

Ion Ratio Lower Upper

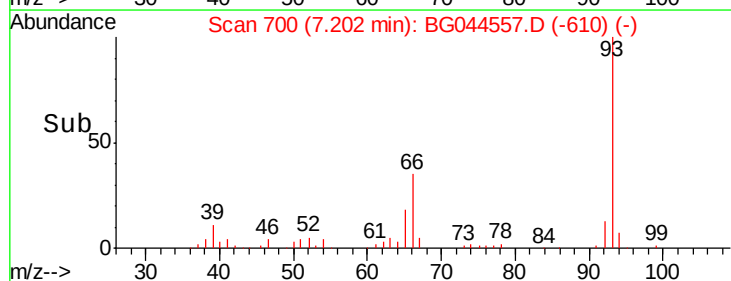
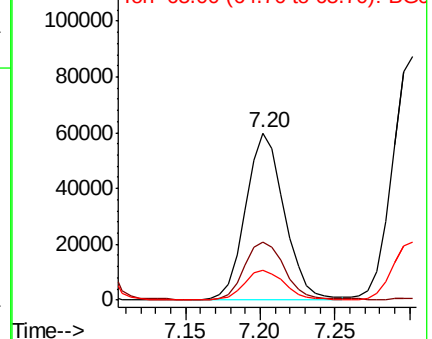
93 100

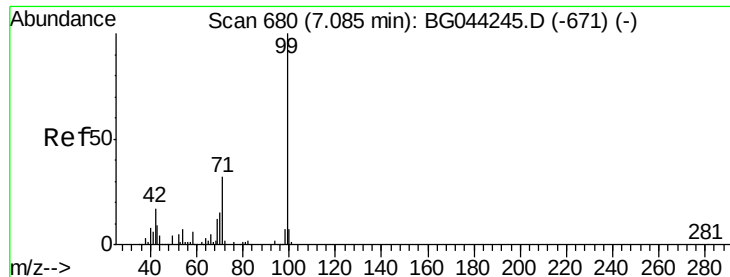
66 34.9 29.6 44.4

65 17.9 15.0 22.4



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.098 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

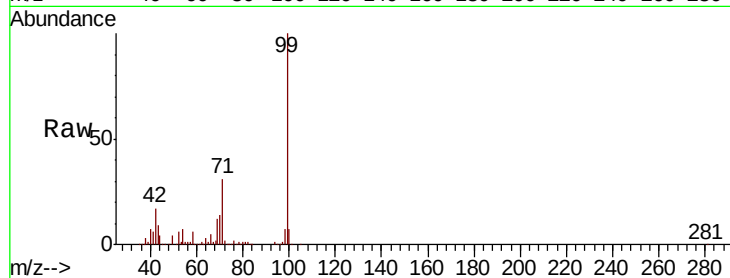
Tot Ion: 99 Resp: 584765

Ion Ratio Lower Upper

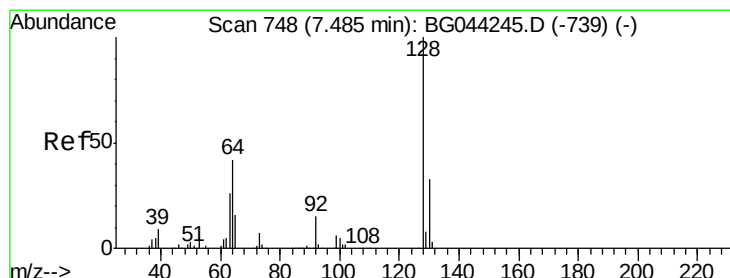
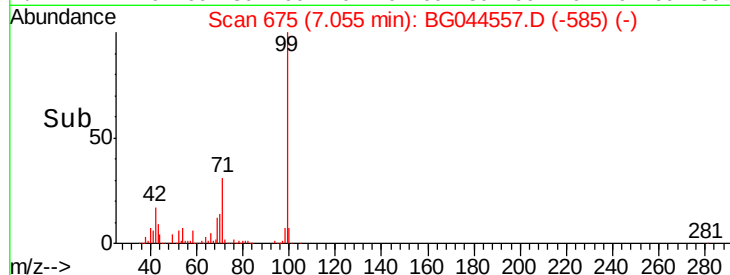
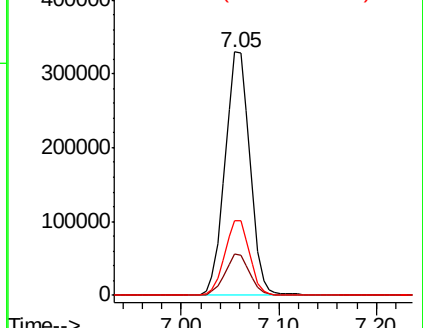
99 100

42 16.8 13.4 20.0

71 30.5 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.009 ng

RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

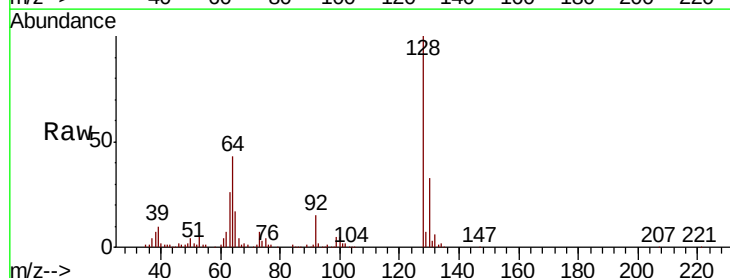
Tgt Ion:128 Resp: 154537

Ion Ratio Lower Upper

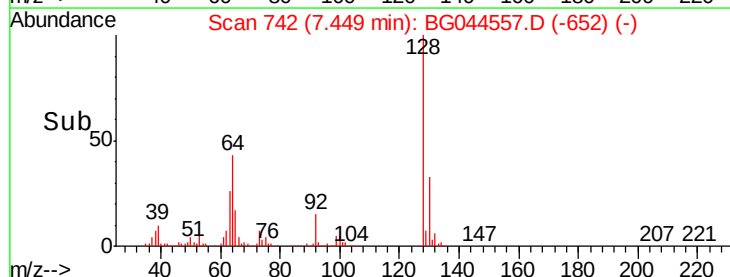
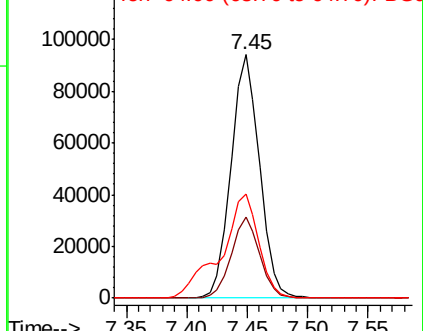
128 100

130 33.3 12.5 52.5

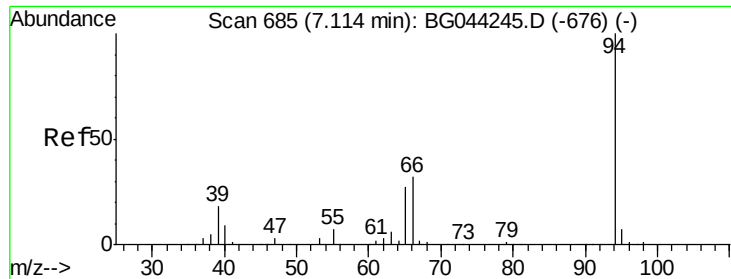
64 42.6 22.7 62.7



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BGC







#10

Phenol

Concen: 43.656 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

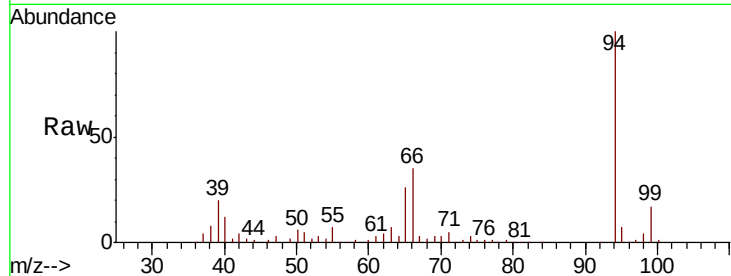
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 94 Resp: 194196

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 26.1  | 7.3   | 47.3  |
| 66  | 34.7  | 15.4  | 55.4  |

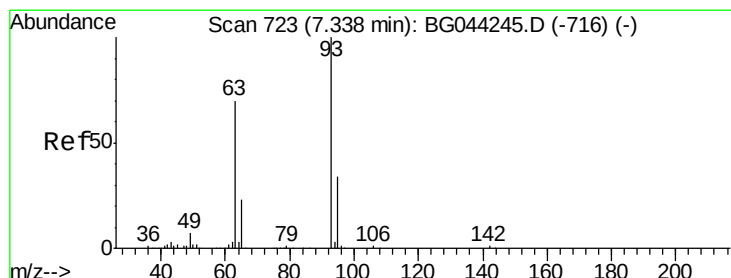
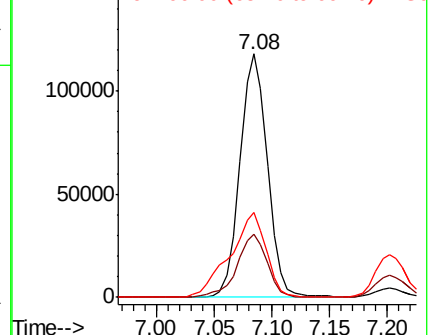
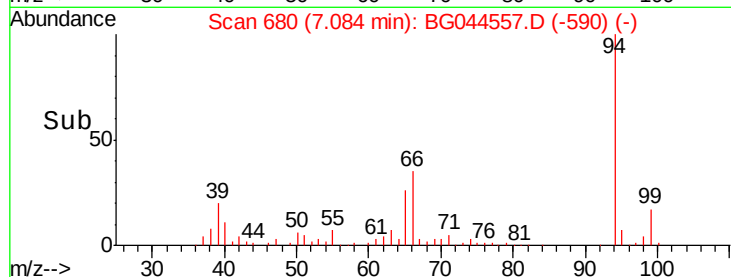


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 37.469 ng

RT: 7.30 min Scan# 717

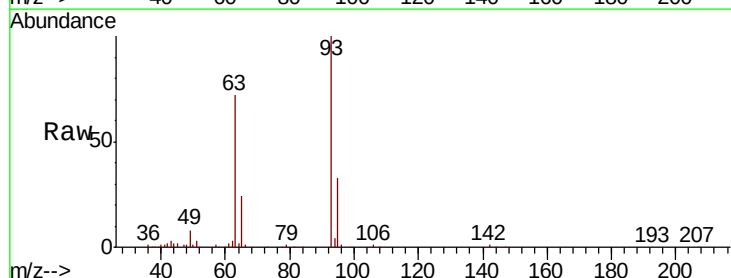
Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Tgt Ion: 93 Resp: 142495

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 72.2  | 50.8  | 90.8  |
| 95  | 33.3  | 11.7  | 51.7  |

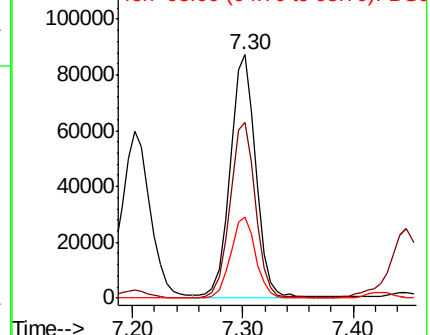
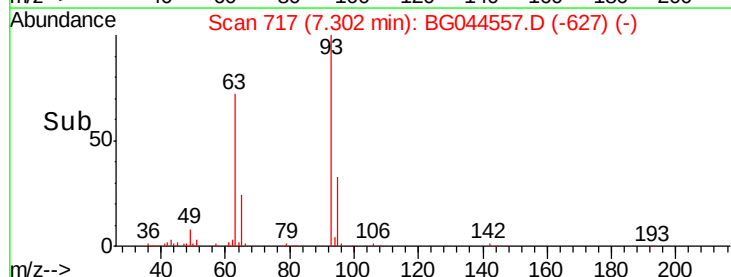


Abundance

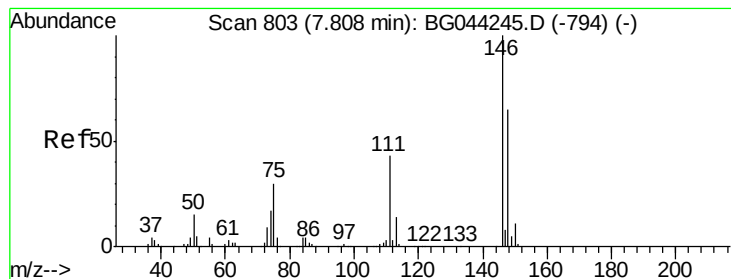
Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC







#12

1,3-Dichlorobenzene

Concen: 36.702 ng

RT: 7.77 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

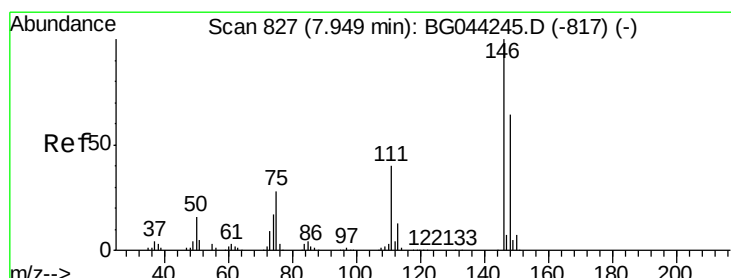
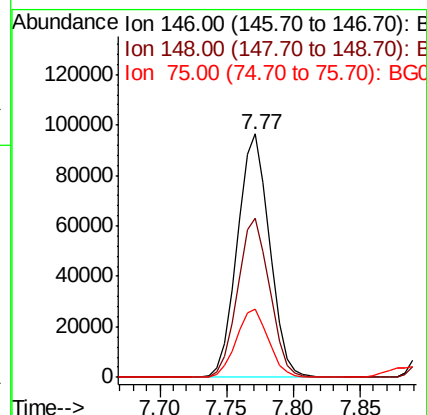
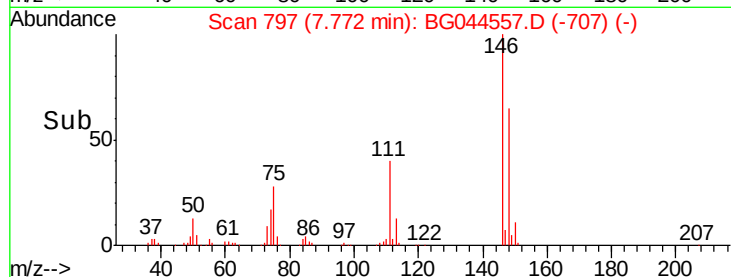
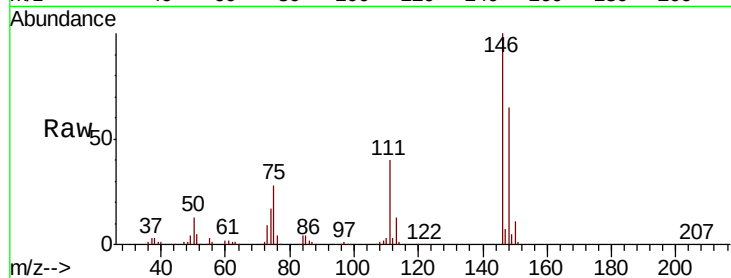
Tot Ion:146 Resp: 161202

Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.2

75 27.8 21.9 32.9



#13

1,4-Dichlorobenzene

Concen: 37.632 ng

RT: 7.91 min Scan# 821

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

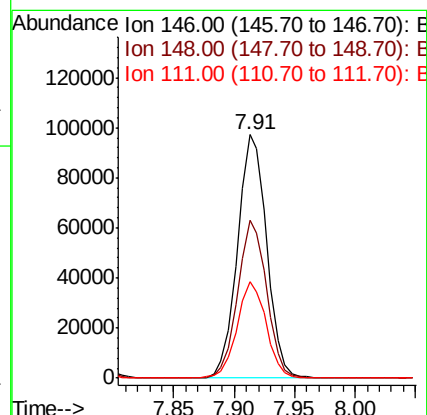
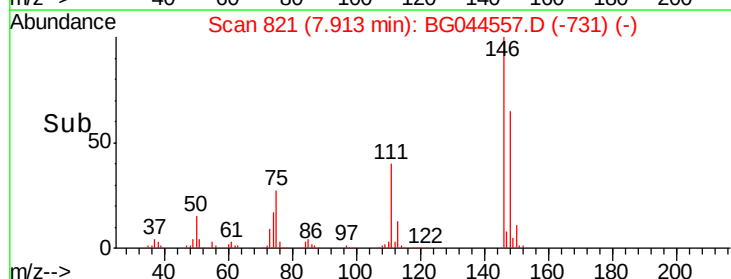
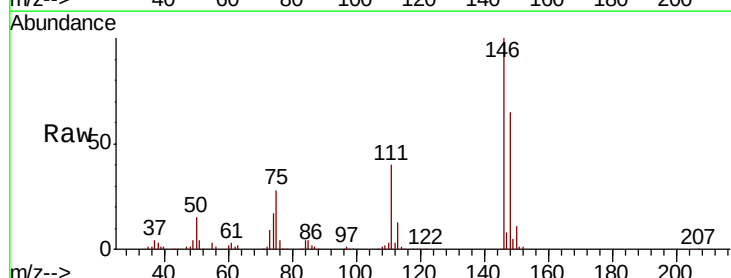
Tgt Ion:146 Resp: 163706

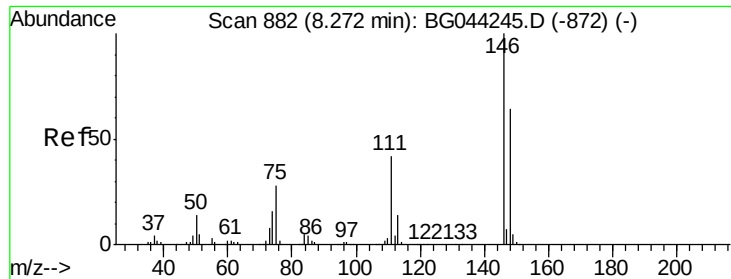
Ion Ratio Lower Upper

146 100

148 64.8 49.9 74.9

111 39.7 31.0 46.6

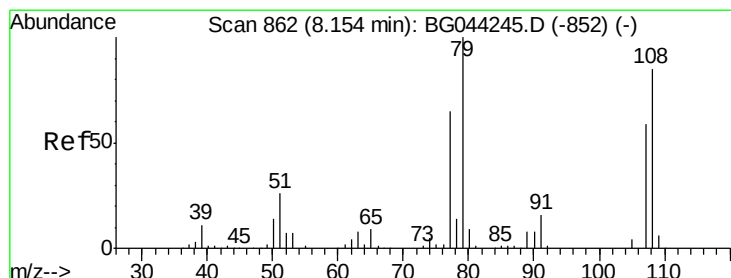
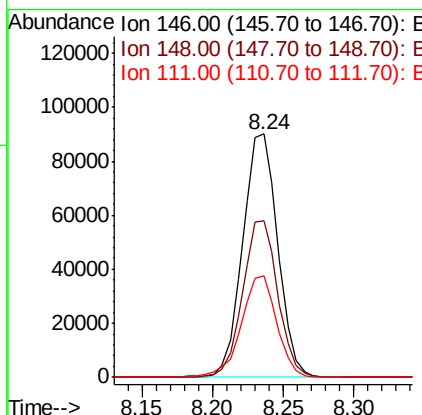
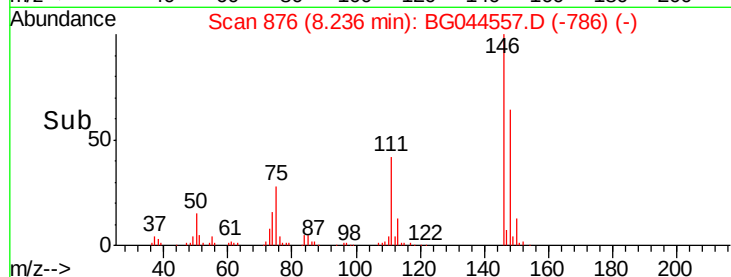
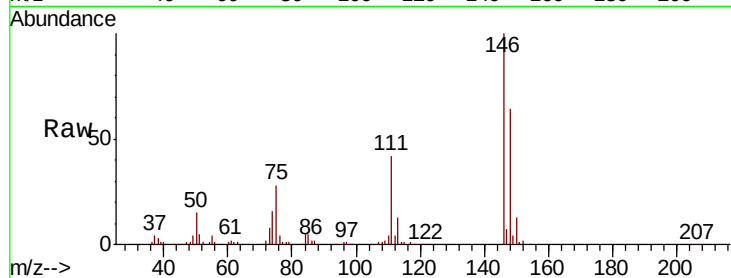




#14  
 1,2-Dichlorobenzene  
 Concen: 38.081 ng  
 RT: 8.24 min Scan# 876  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

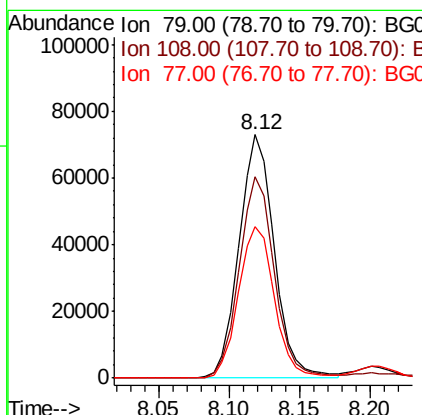
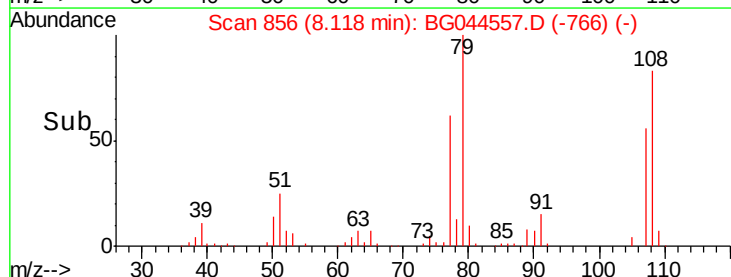
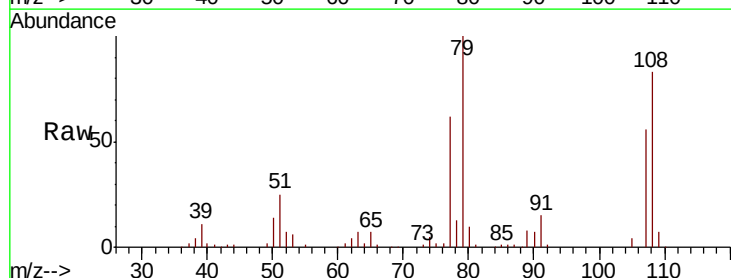
Instrument :  
 BNA\_G  
 ClientSampleId :

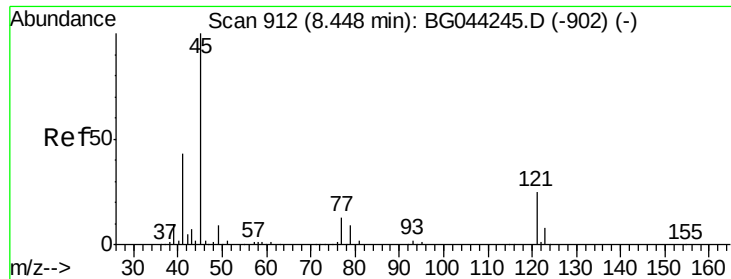
Tot Ion:146 Resp: 156582  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 51.9 77.9  
 111 41.8 33.1 49.7



#15  
 Benzyl Alcohol  
 Concen: 40.103 ng  
 RT: 8.12 min Scan# 856  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

Tgt Ion: 79 Resp: 127617  
 Ion Ratio Lower Upper  
 79 100  
 108 82.6 66.0 99.0  
 77 62.4 50.7 76.1

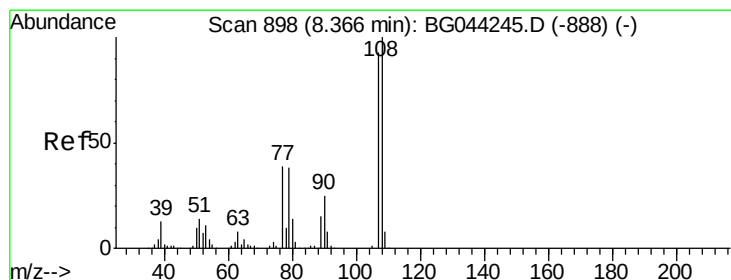
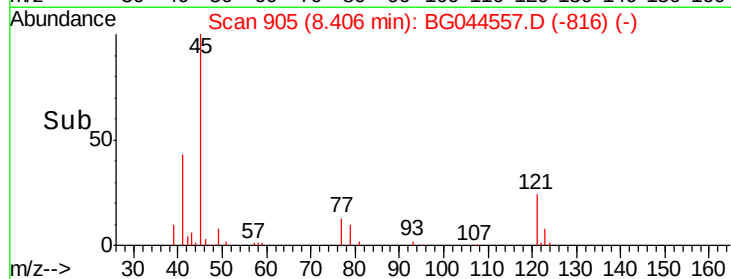
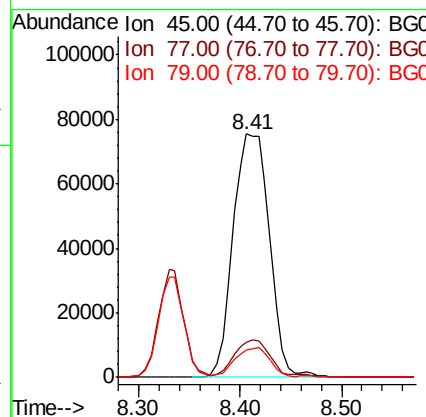
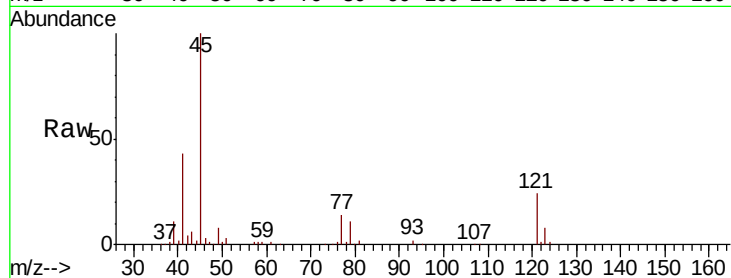




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 36.322 ng  
RT: 8.41 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

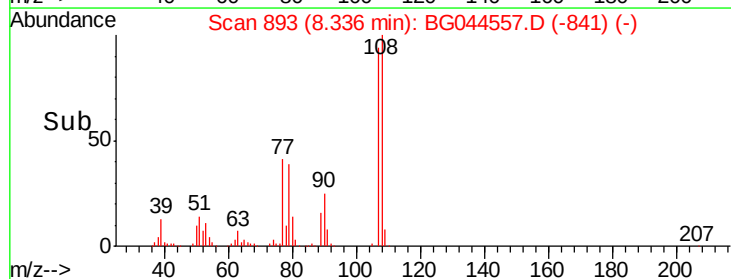
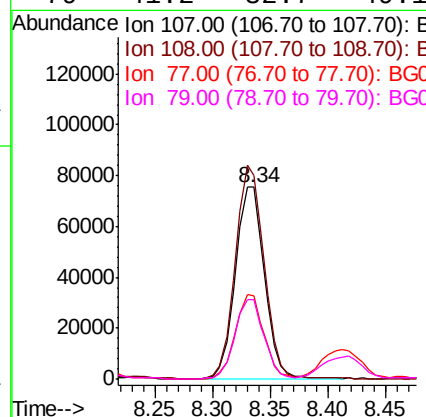
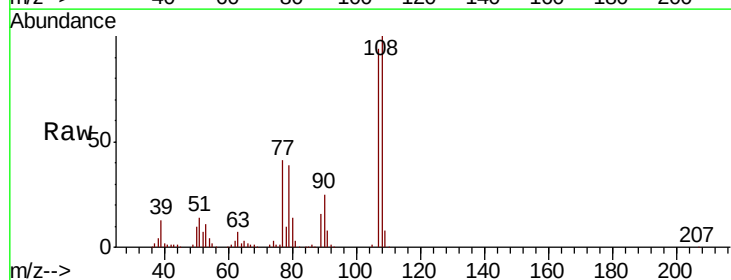
Instrument :  
BNA\_G  
ClientSampled :

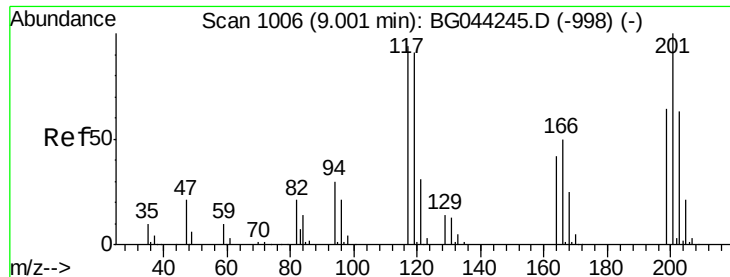
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.5  | 0.0   | 35.2  |
| 79      | 11.0  | 0.0   | 30.9  |



#17  
2-Methylphenol  
Concen: 41.749 ng  
RT: 8.34 min Scan# 893  
Delta R.T. 0.01 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 106.5 | 88.1  | 132.1 |
| 77      | 43.7  | 33.8  | 50.6  |
| 79      | 41.2  | 32.7  | 49.1  |

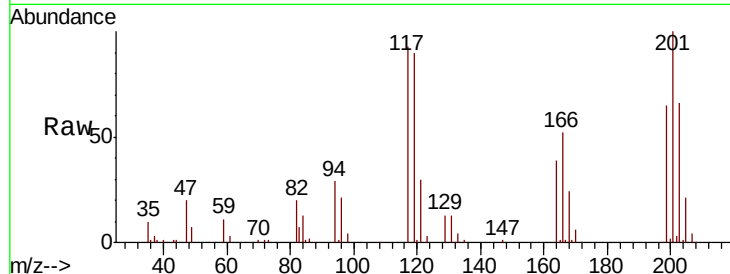




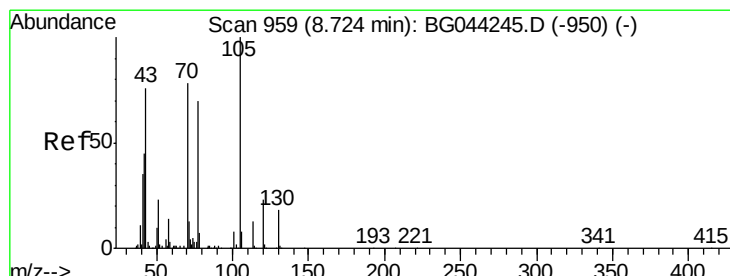
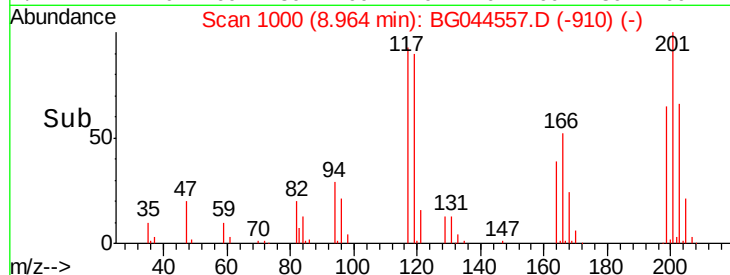
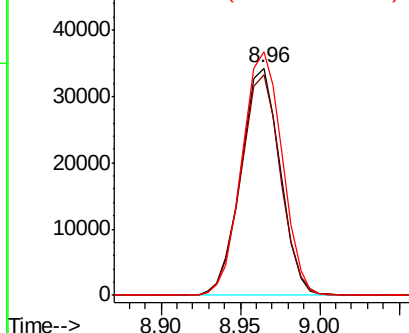
#18  
Hexachloroethane  
Concen: 36.195 ng  
RT: 8.96 min Scan# 1000  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:117 Resp: 59086  
Ion Ratio Lower Upper  
117 100  
119 96.7 75.5 113.3  
201 107.0 88.6 133.0



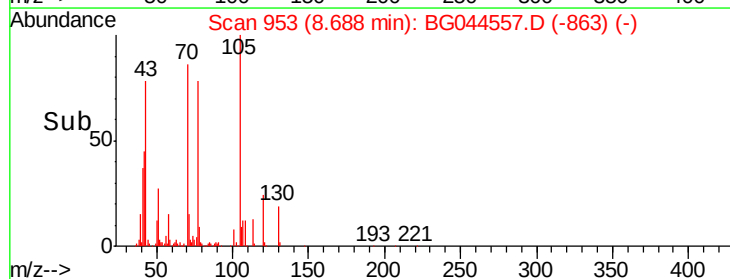
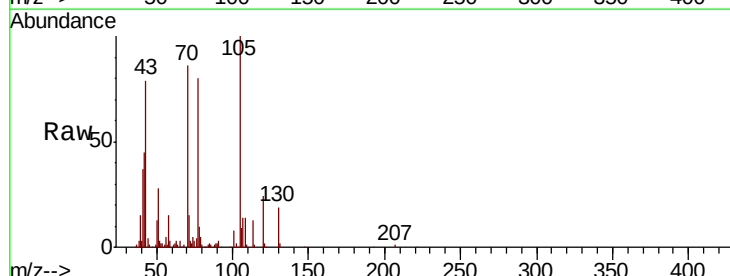
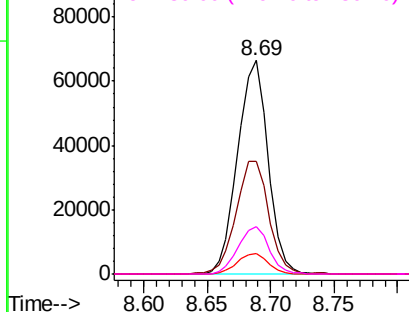
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

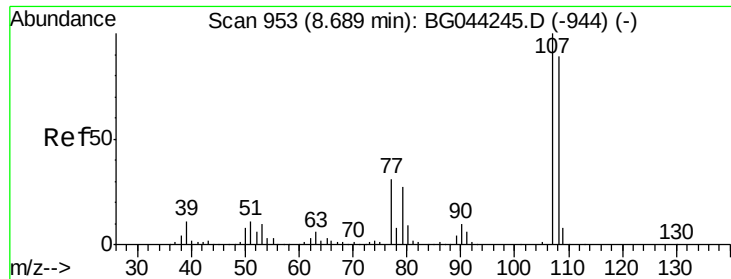


#19  
n-Nitroso-di-n-propylamine  
Concen: 36.890 ng  
RT: 8.69 min Scan# 953  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Tgt Ion: 70 Resp: 110508  
Ion Ratio Lower Upper  
70 100  
42 52.6 44.0 66.0  
101 9.7 7.6 11.4  
130 22.5 18.2 27.2

Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

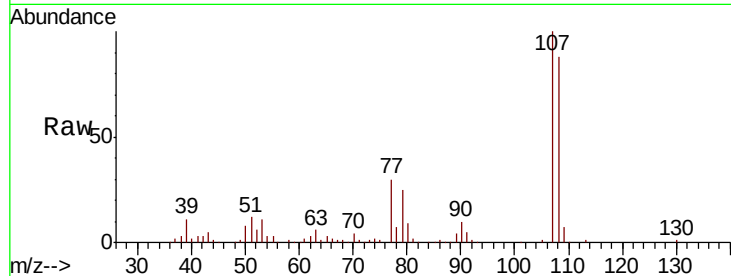




#20  
3+4-Methylphenols  
Concen: 41.621 ng  
RT: 8.66 min Scan# 948  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 182048 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.8  | 69.2  | 109.2  |
| 77       | 30.4  | 10.5  | 50.5   |
| 79       | 25.0  | 6.4   | 46.4   |



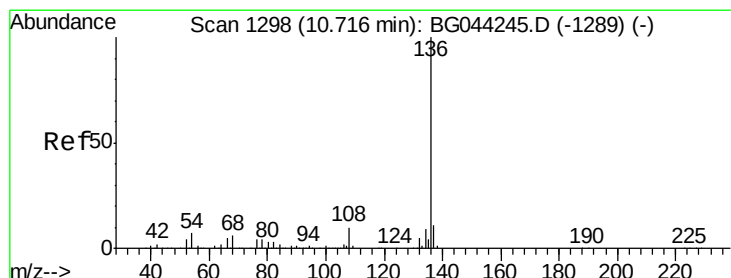
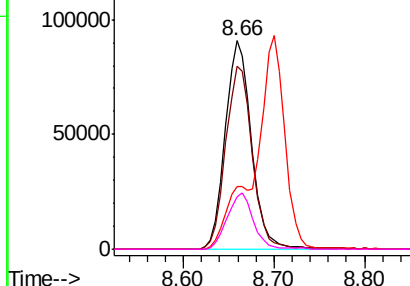
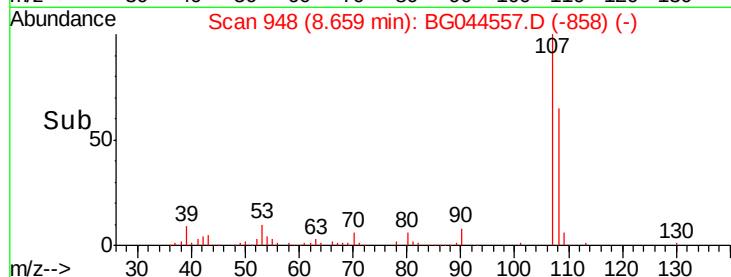
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

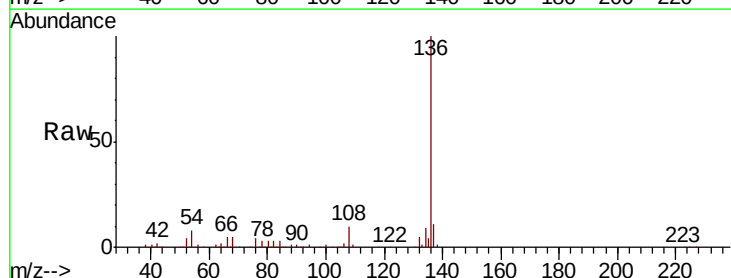
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.68 min Scan# 1292  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 242485 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 9.0   | 13.6   |
| 54       | 7.6   | 5.5   | 8.3    |
| 68       | 5.4   | 4.6   | 6.8    |



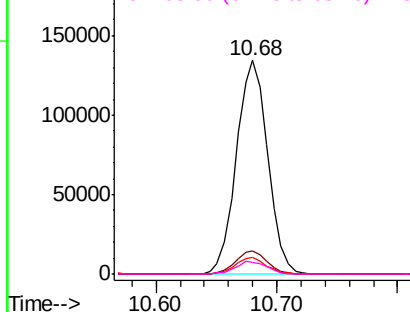
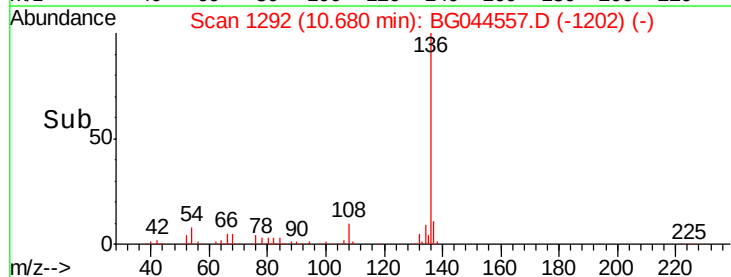
Abundance

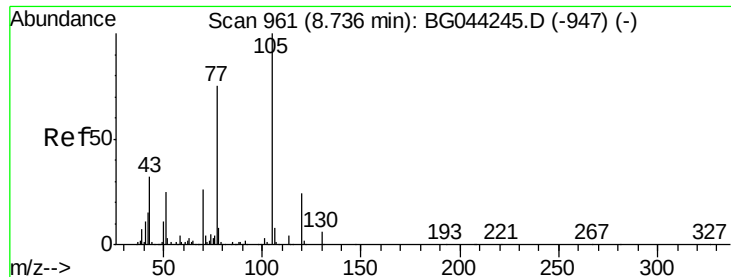
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

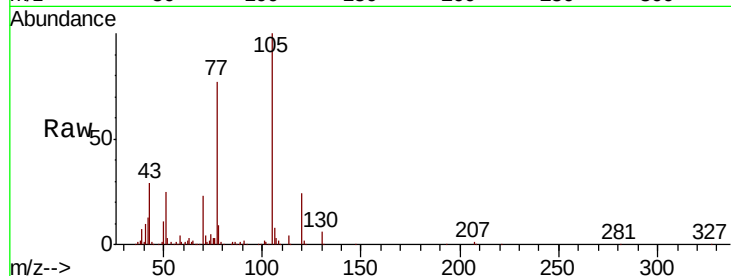




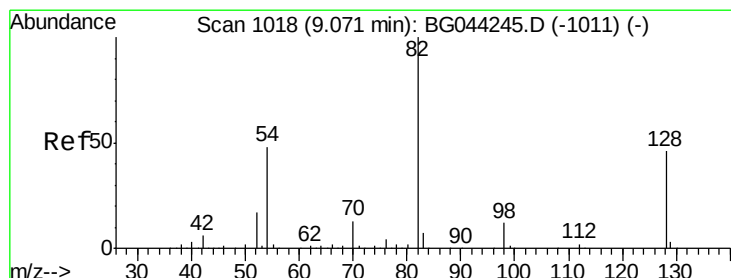
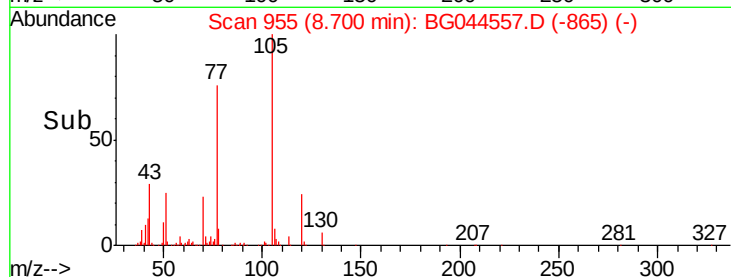
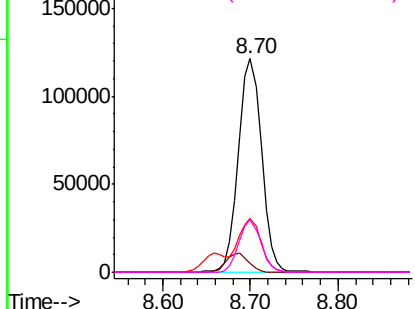
#22  
Acetophenone  
Concen: 36.859 ng  
RT: 8.70 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:105 Resp: 217427  
Ion Ratio Lower Upper  
105 100  
71 4.1 4.2 6.4#  
51 25.4 20.1 30.1  
120 24.3 18.9 28.3

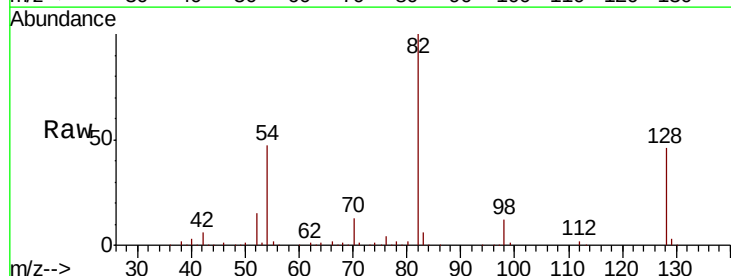


Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E

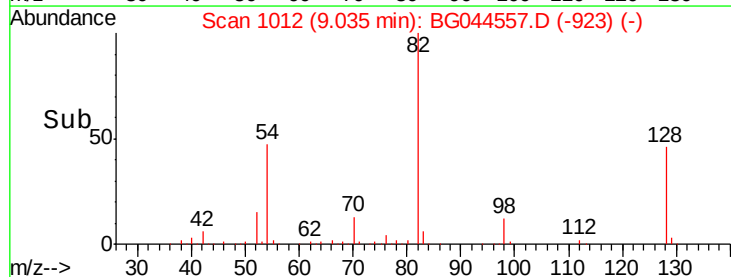
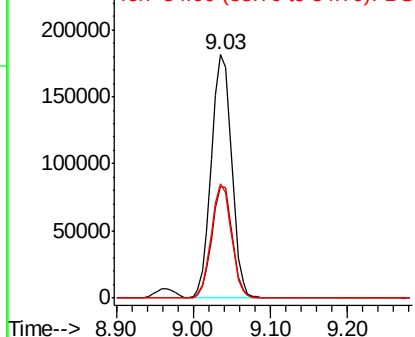


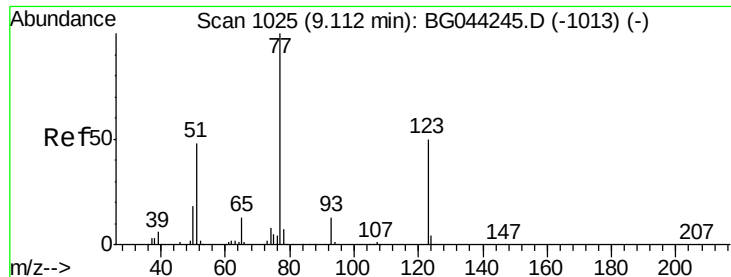
#23  
Nitrobenzene-d5  
Concen: 76.957 ng  
RT: 9.03 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Tgt Ion: 82 Resp: 330539  
Ion Ratio Lower Upper  
82 100  
128 46.2 39.1 58.7  
54 46.9 37.9 56.9



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BGC

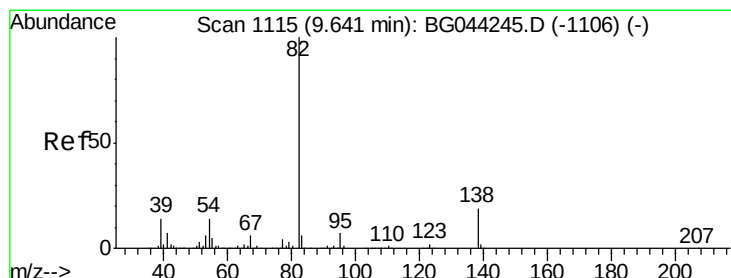
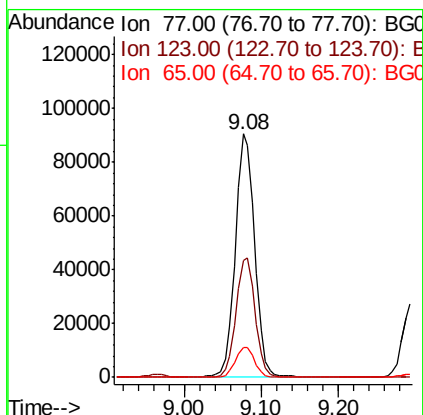
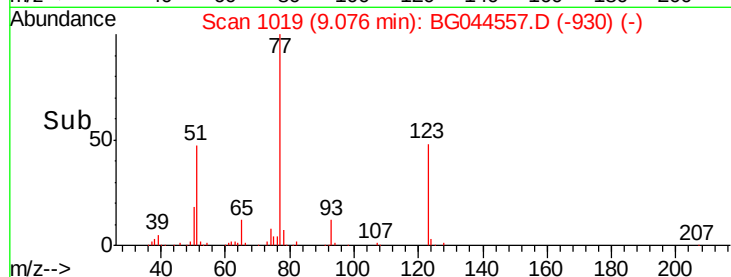
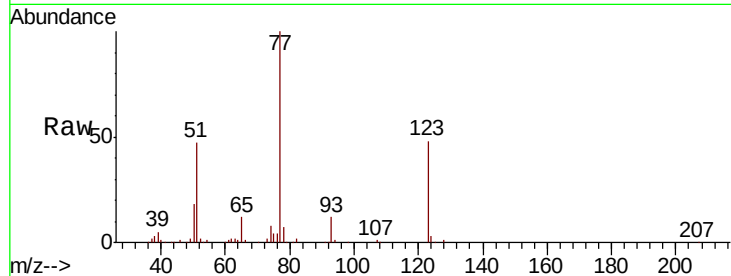




#24  
 Nitrobenzene  
 Concen: 38.160 ng  
 RT: 9.08 min Scan# 1019  
 Delta R.T. -0.01 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

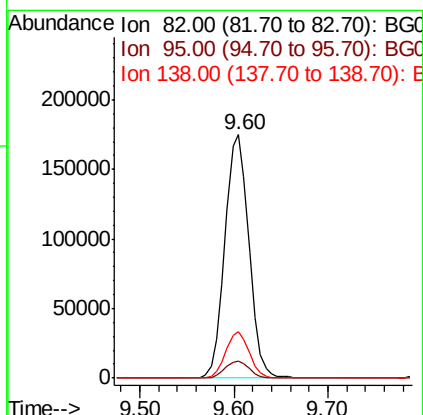
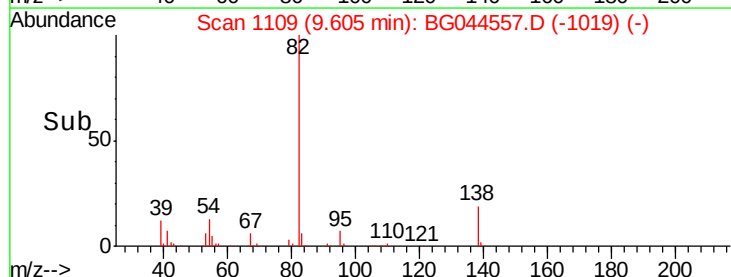
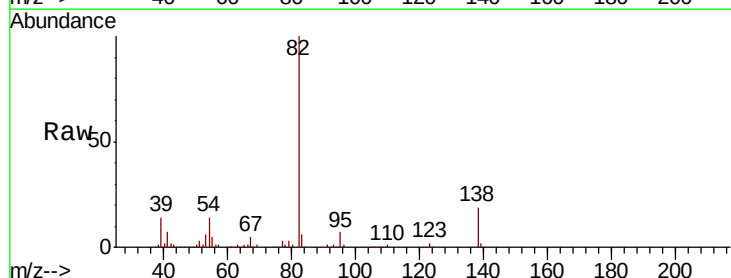
Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.3  | 40.2  | 60.2  |
| 65      | 12.5  | 10.8  | 16.2  |

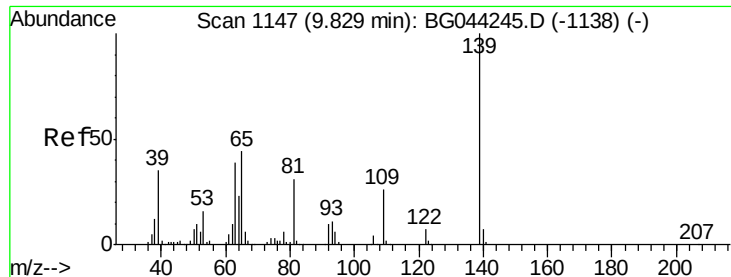


#25  
 Isophorone  
 Concen: 38.782 ng  
 RT: 9.60 min Scan# 1109  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.1   | 5.5   | 8.3   |
| 138     | 19.2  | 14.6  | 22.0  |



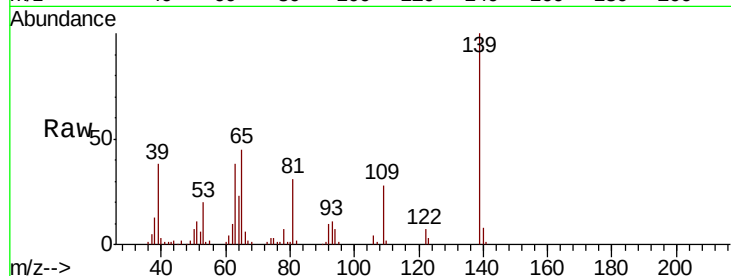




#26  
2-Nitrophenol  
Concen: 41.189 ng  
RT: 9.79 min Scan# 1141  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 28.2  | 20.1  | 30.1  |
| 65      | 45.0  | 35.4  | 53.2  |

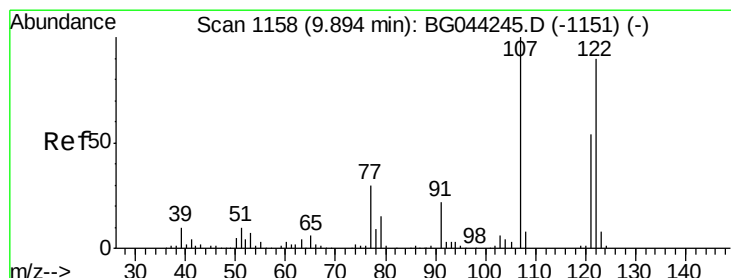
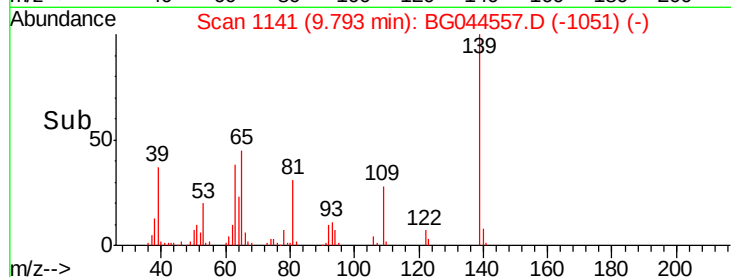
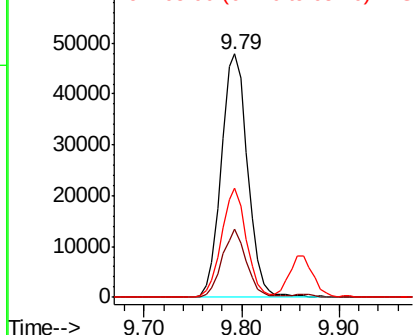


Abundance

Ion 139.00 (138.70 to 139.70): E

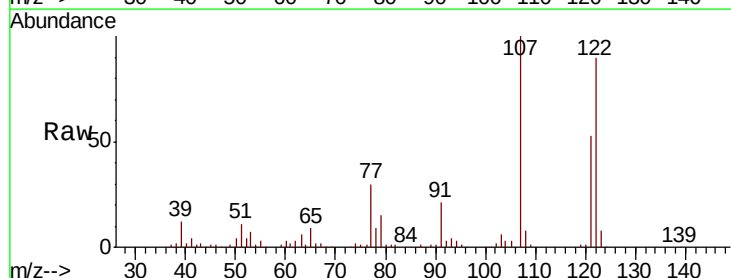
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#27  
2,4-Dimethylphenol  
Concen: 48.483 ng  
RT: 9.86 min Scan# 1153  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.6 | 89.8  | 134.8 |
| 121     | 58.7  | 48.1  | 72.1  |

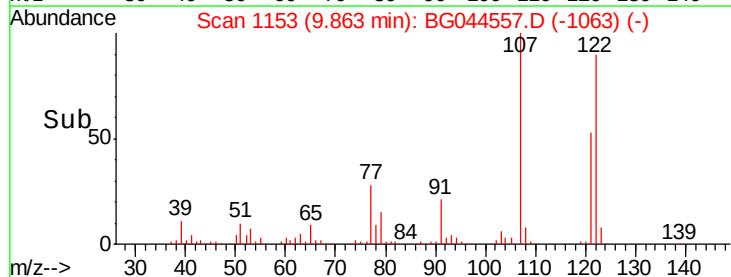
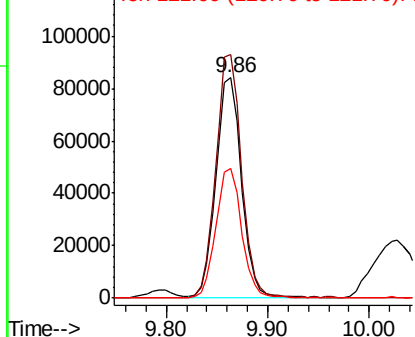


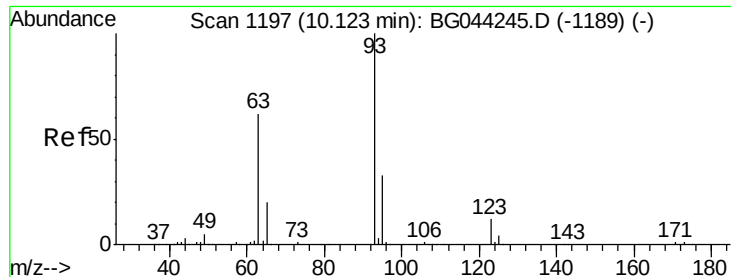
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

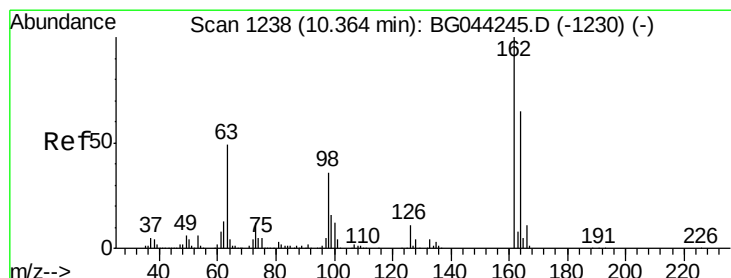
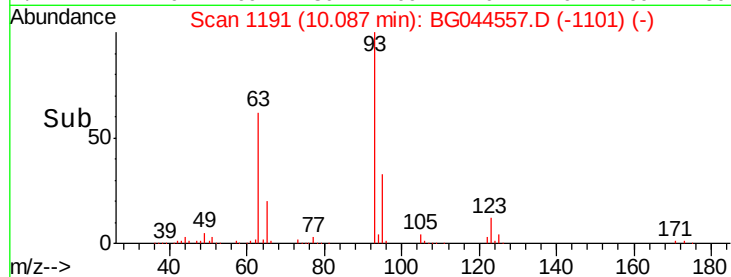
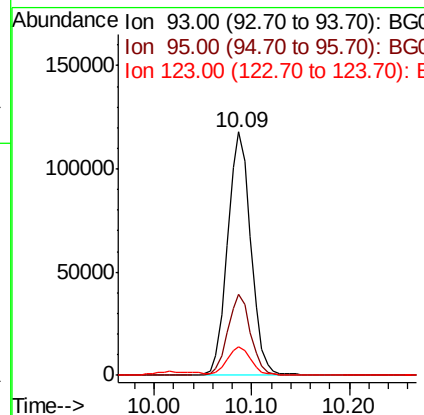
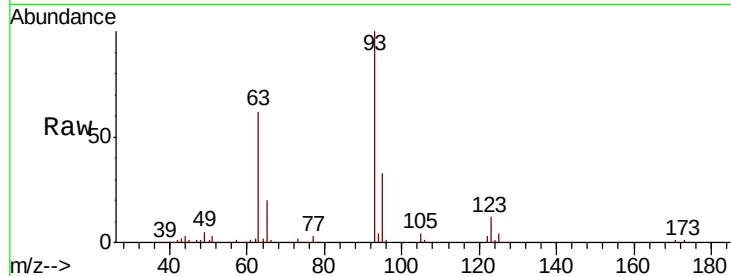




#28  
bis(2-Chloroethoxy)methane  
Concen: 36.510 ng  
RT: 10.09 min Scan# 1191  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

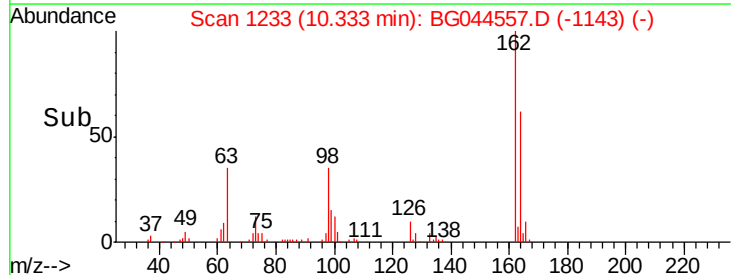
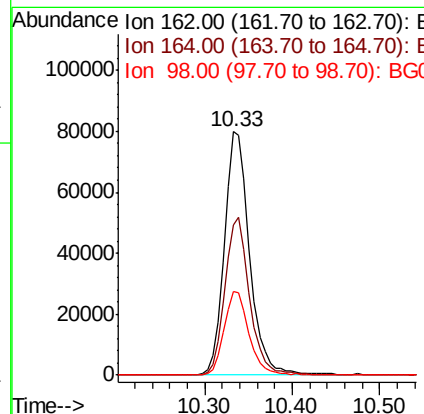
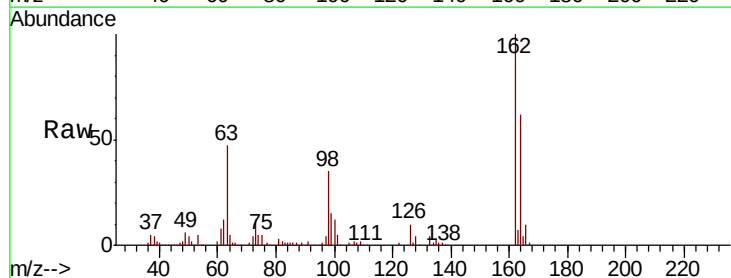
Instrument :  
BNA\_G  
ClientSampleId :

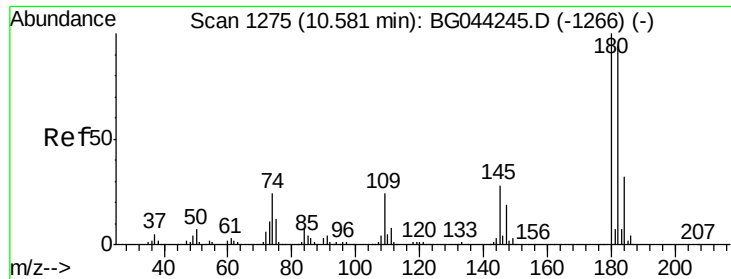
Tot Ion: 93 Resp: 194977  
Ion Ratio Lower Upper  
93 100  
95 33.3 26.5 39.7  
123 11.8 9.4 14.0



#29  
2,4-Dichlorophenol  
Concen: 42.684 ng  
RT: 10.33 min Scan# 1233  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Tgt Ion: 162 Resp: 158517  
Ion Ratio Lower Upper  
162 100  
164 61.9 45.5 85.5  
98 34.6 15.1 55.1

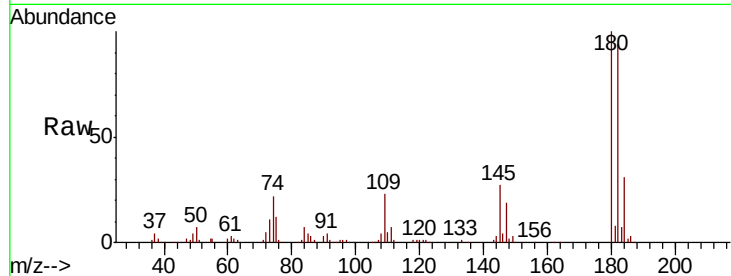




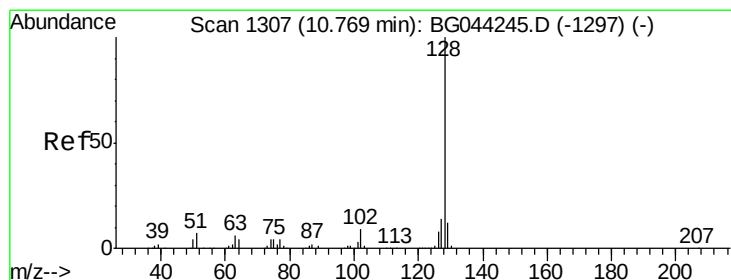
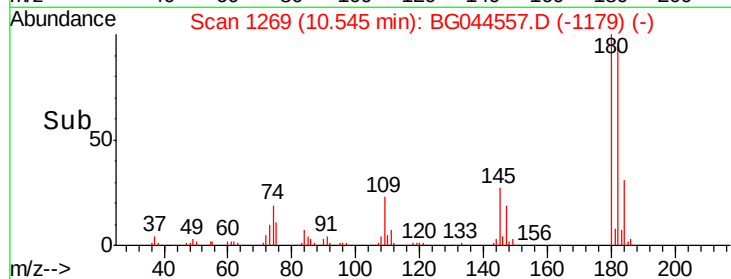
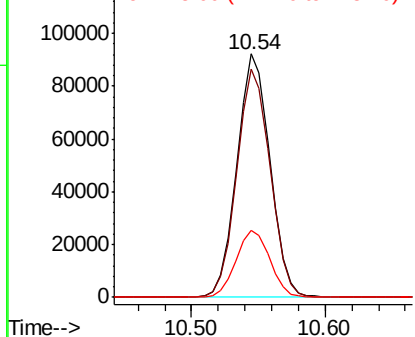
#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.966 ng  
 RT: 10.54 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:180 Resp: 157412  
 Ion Ratio Lower Upper  
 180 100  
 182 94.0 74.4 111.6  
 145 27.3 23.0 34.6

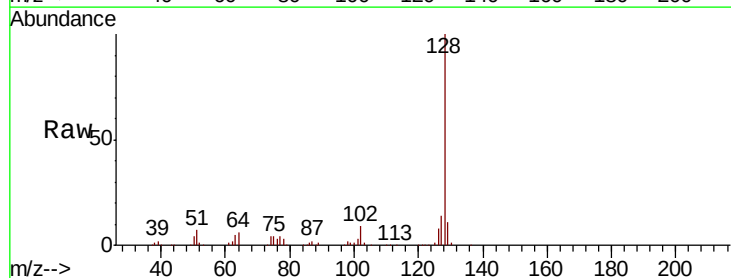


Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

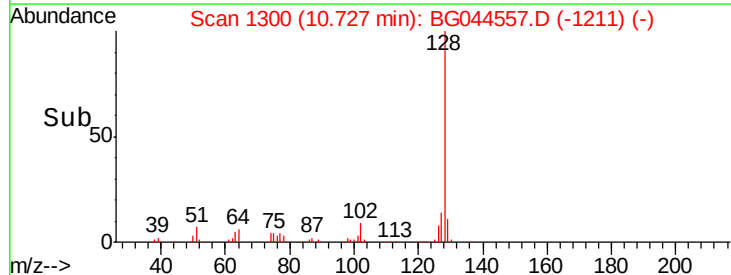
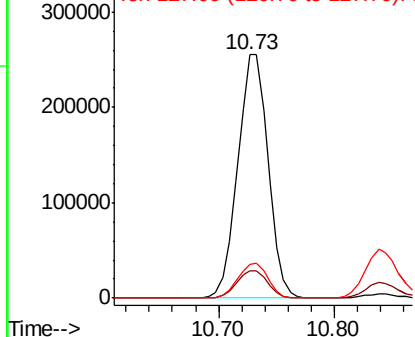


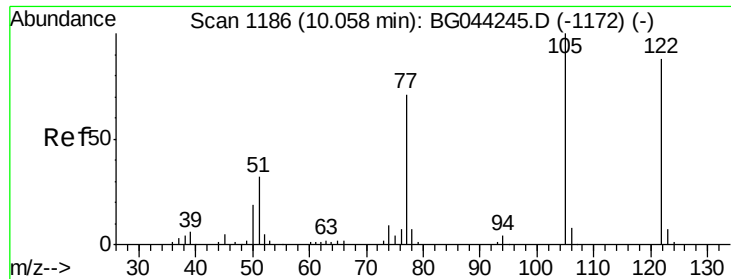
#31  
 Naphthalene  
 Concen: 39.541 ng  
 RT: 10.73 min Scan# 1300  
 Delta R.T. -0.01 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

Tgt Ion:128 Resp: 465184  
 Ion Ratio Lower Upper  
 128 100  
 129 11.2 9.0 13.6  
 127 13.9 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 41.541 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

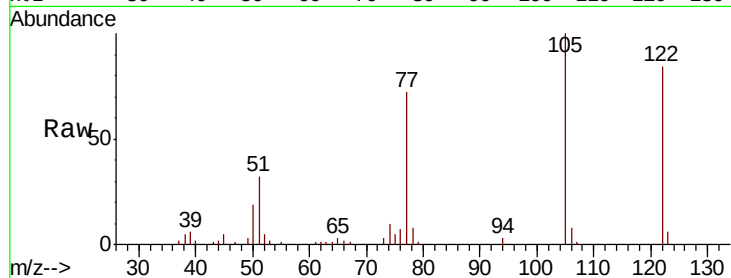
Tot Ion:122 Resp: 78564

Ion Ratio Lower Upper

122 100

105 119.4 101.4 141.4

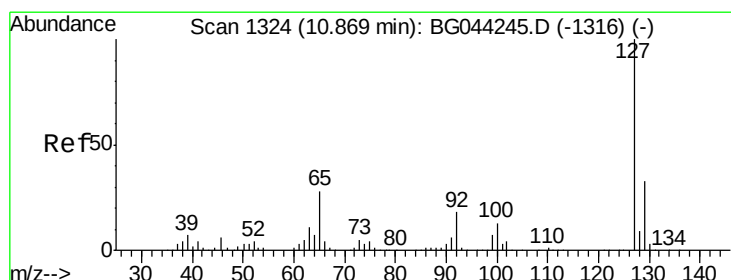
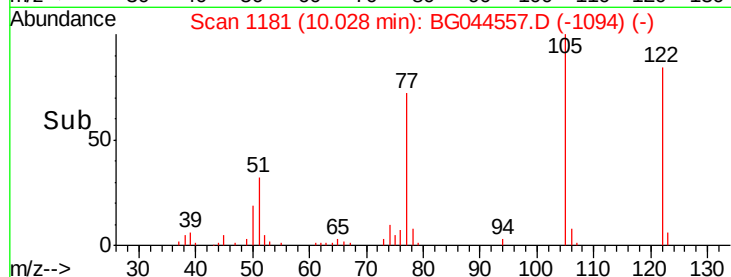
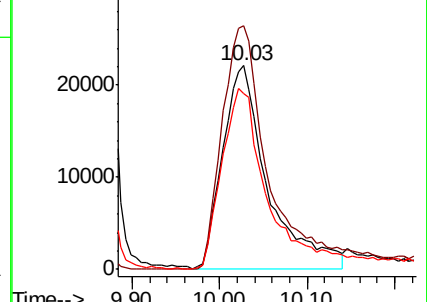
77 86.4 68.6 108.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 20.143 ng

RT: 10.84 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Tgt Ion:127 Resp: 107778

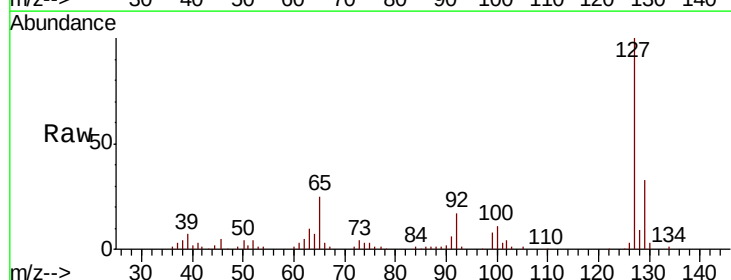
Ion Ratio Lower Upper

127 100

129 32.7 25.8 38.8

65 25.2 22.1 33.1

92 17.5 14.6 22.0

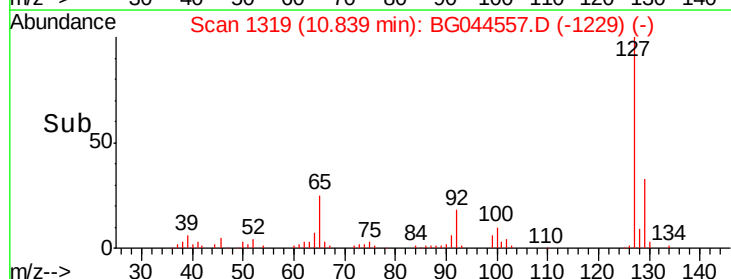
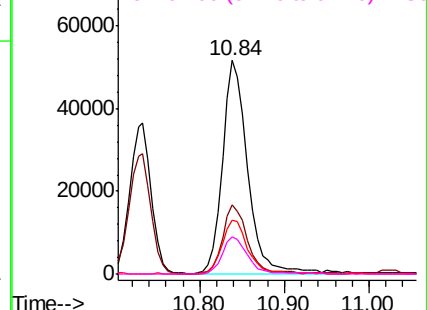


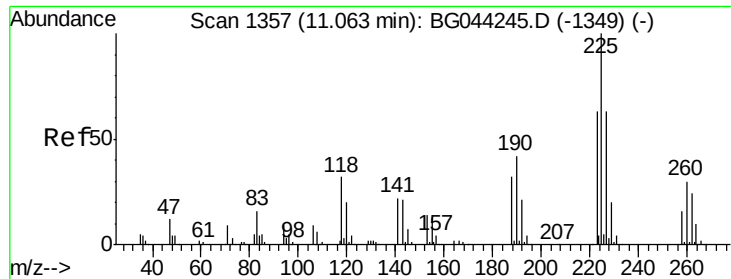
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 35.281 ng

RT: 11.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

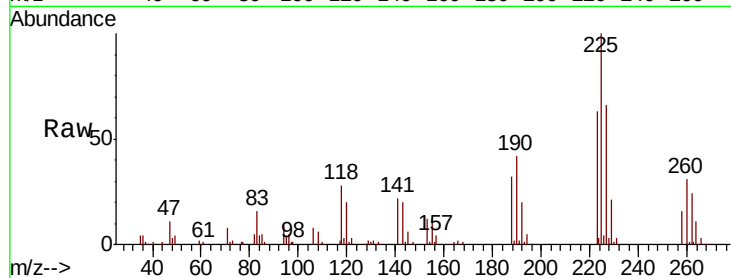
Tot Ion:225 Resp: 92445

Ion Ratio Lower Upper

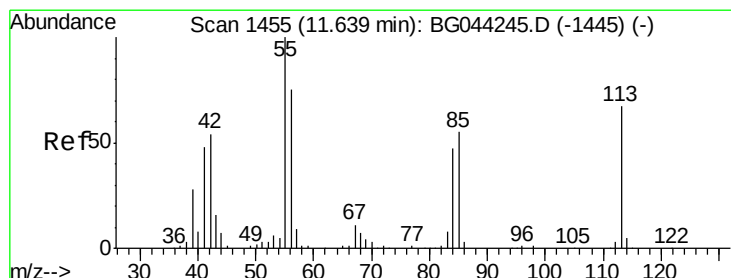
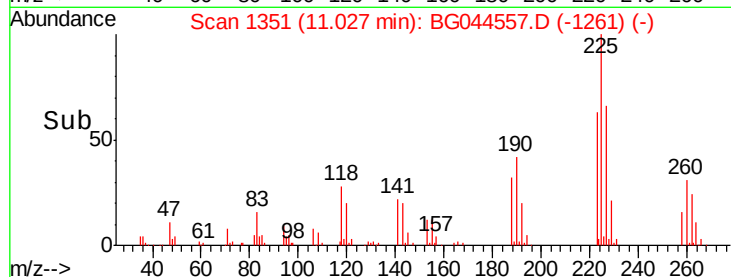
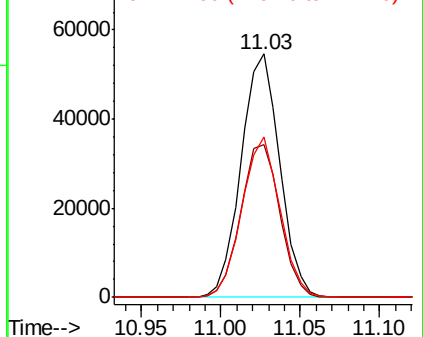
225 100

223 62.5 50.4 75.6

227 66.0 51.0 76.6



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 21.874 ng

RT: 11.60 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

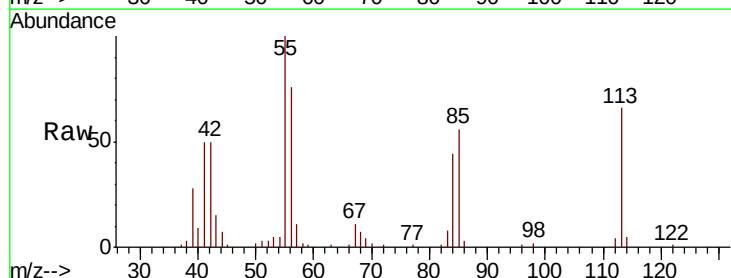
Tgt Ion:113 Resp: 29757

Ion Ratio Lower Upper

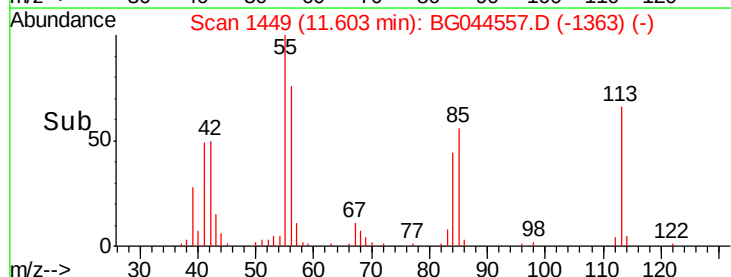
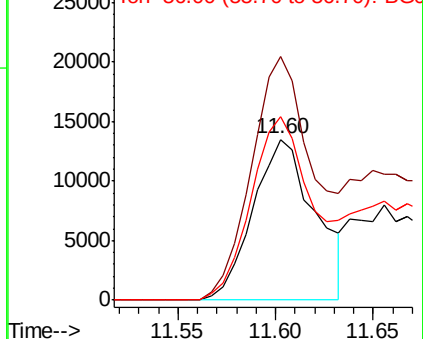
113 100

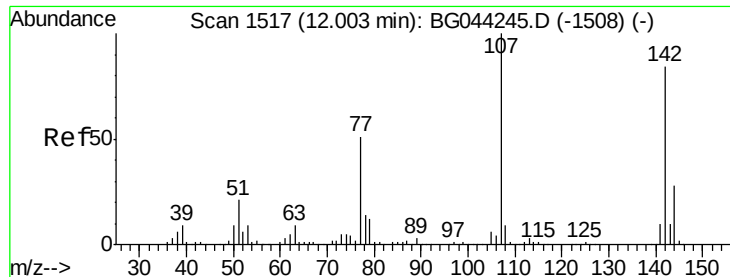
55 151.3 126.4 166.4

56 114.4 85.8 125.8



Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BG  
Ion 56.00 (55.70 to 56.70): BG

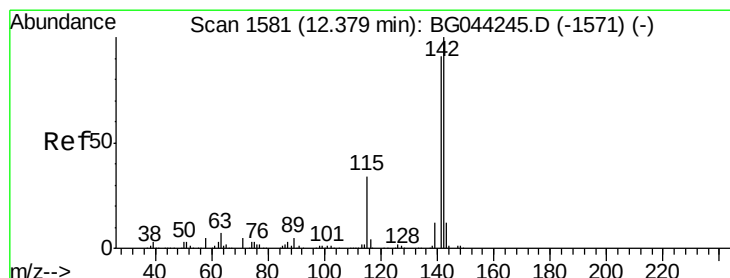
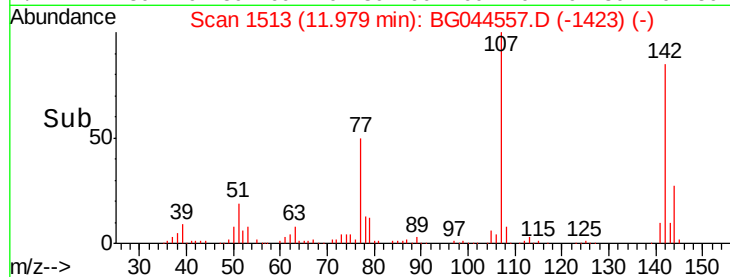
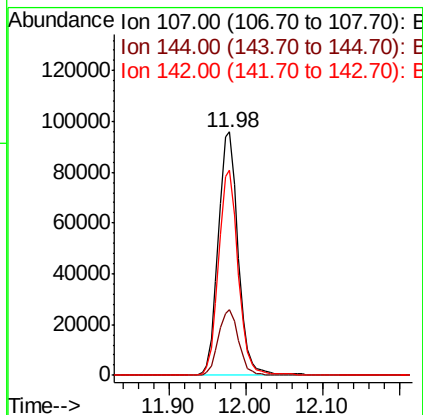
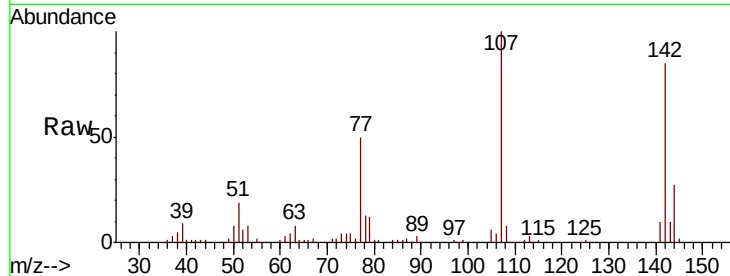




#36  
 4-Chloro-3-methylphenol  
 Concen: 44.045 ng  
 RT: 11.98 min Scan# 1513  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

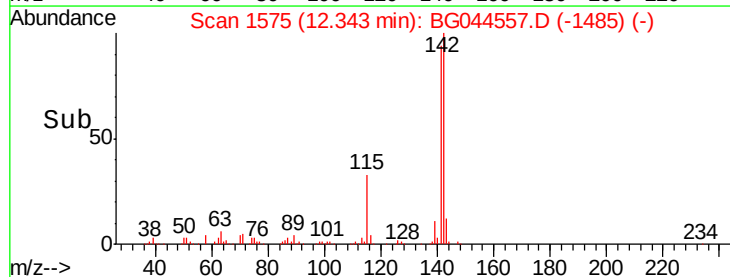
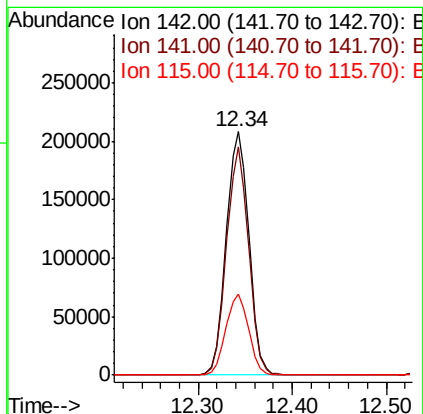
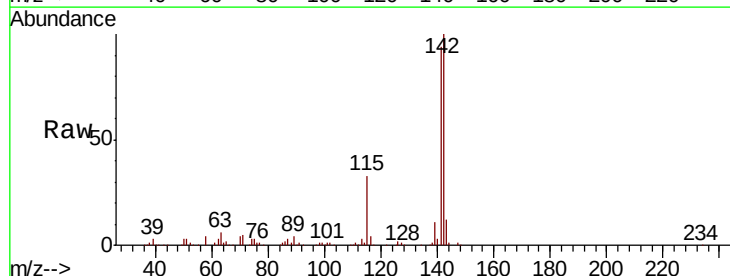
Instrument :  
 BNA\_G  
 ClientSampleId :

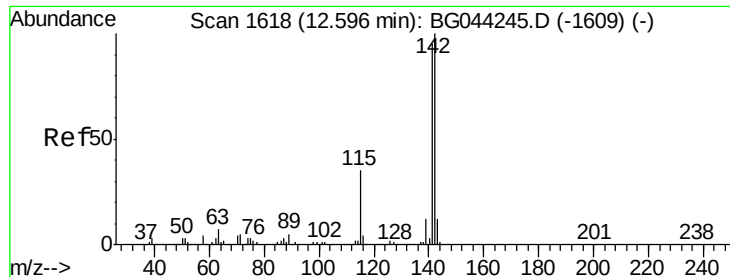
Tot Ion:107 Resp: 171495  
 Ion Ratio Lower Upper  
 107 100  
 144 27.0 22.7 34.1  
 142 84.5 67.7 101.5



#37  
 2-Methylnaphthalene  
 Concen: 39.953 ng  
 RT: 12.34 min Scan# 1575  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

Tgt Ion:142 Resp: 348991  
 Ion Ratio Lower Upper  
 142 100  
 141 93.5 71.9 107.9  
 115 33.2 26.7 40.1

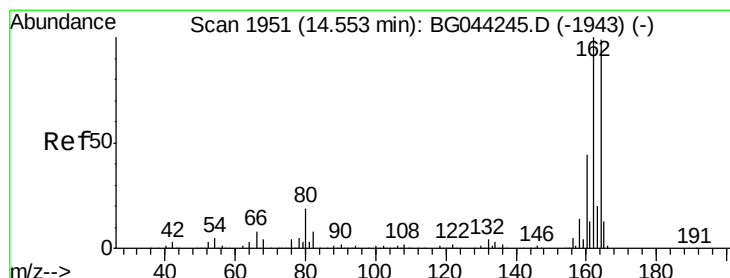
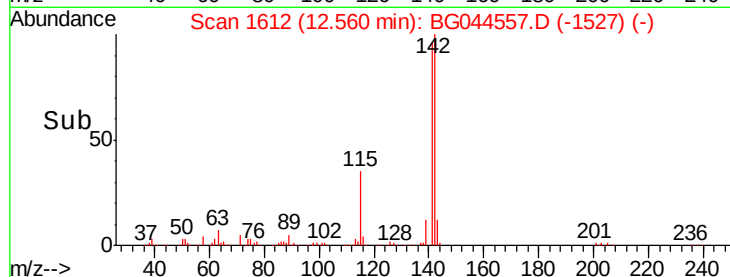
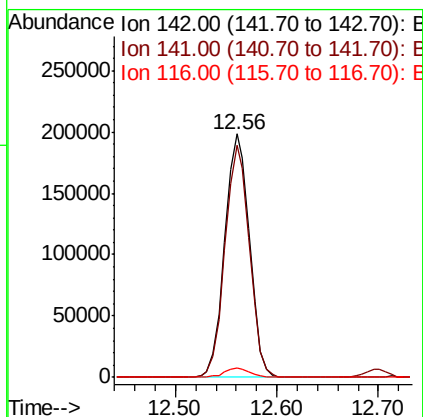
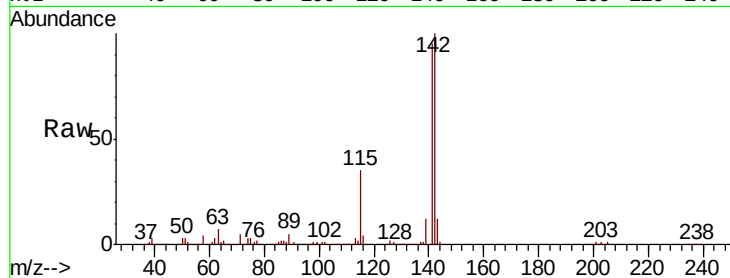




#38  
1-Methylnaphthalene  
Concen: 40.643 ng  
RT: 12.56 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

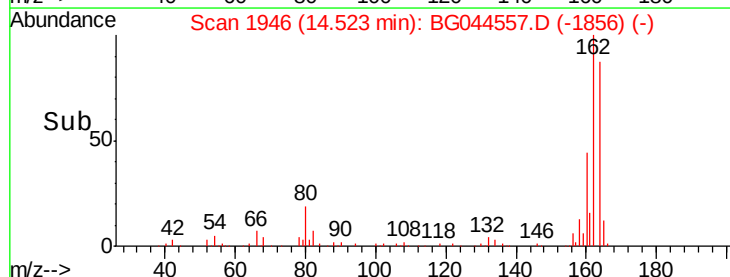
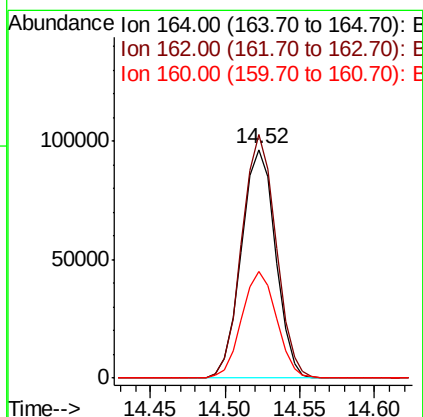
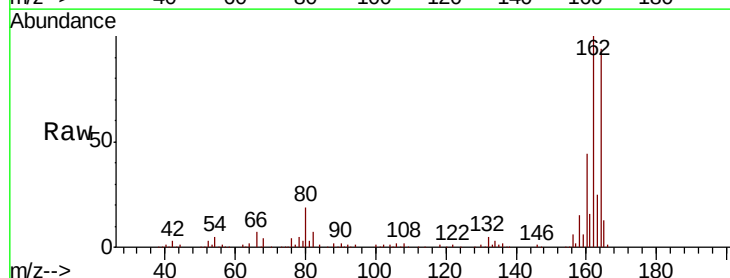
Instrument :  
BNA\_G  
ClientSampled :

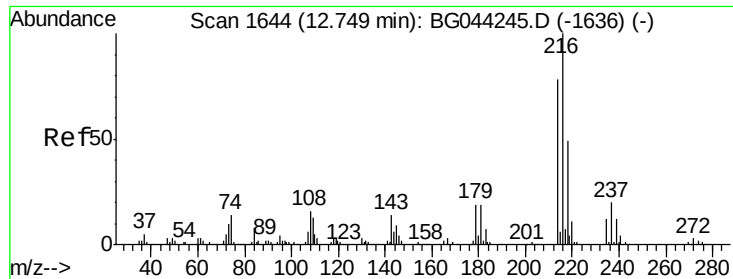
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.3  | 75.1  | 112.7 |
| 116     | 3.7   | 3.2   | 4.8   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.52 min Scan# 1946  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.6 | 81.9  | 122.9 |
| 160     | 46.6  | 35.5  | 53.3  |





#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.106 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:216 Resp: 178400

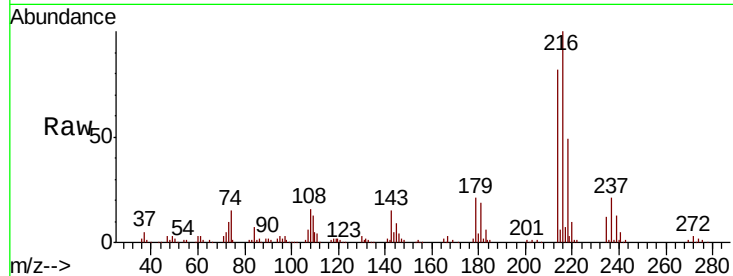
Ion Ratio Lower Upper

216 100

214 80.1 64.0 96.0

179 20.4 16.3 24.5

108 16.6 13.0 19.6

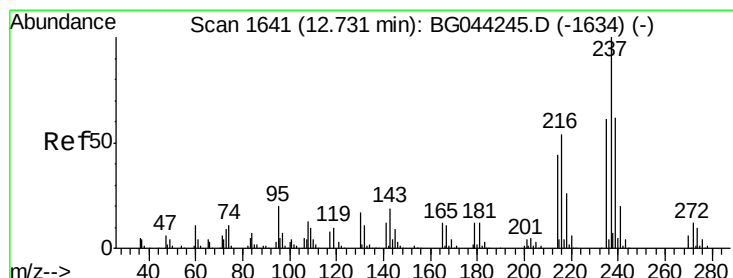
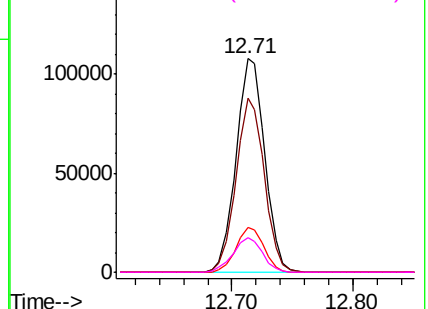
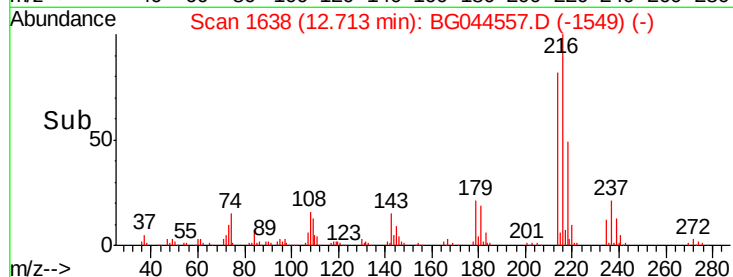


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 39.255 ng

RT: 12.70 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

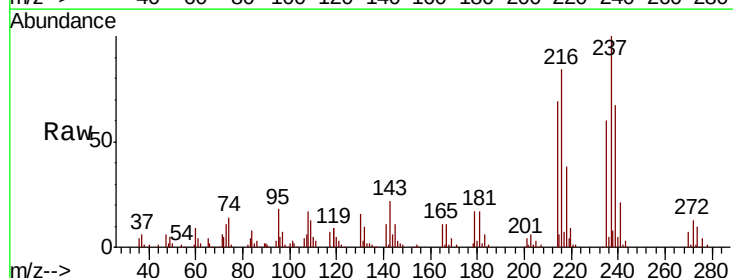
Tgt Ion:237 Resp: 85928

Ion Ratio Lower Upper

237 100

235 60.0 41.7 81.7

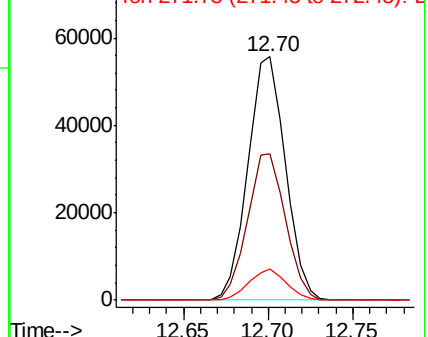
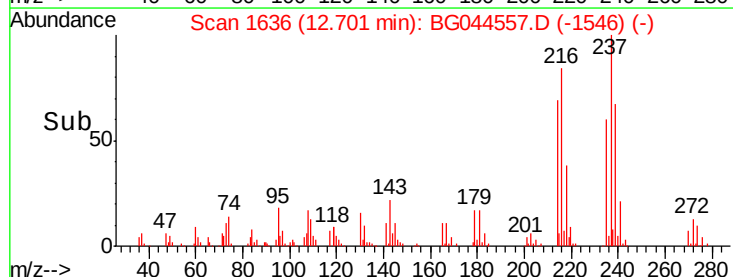
272 12.7 0.0 33.4



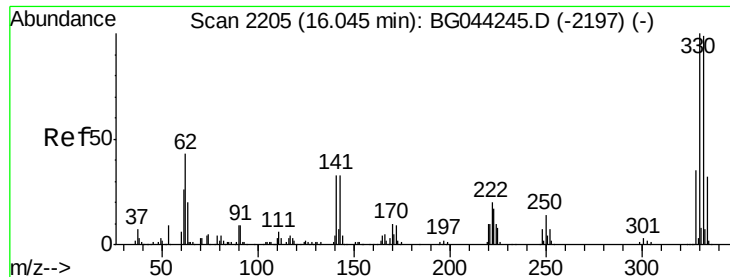
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



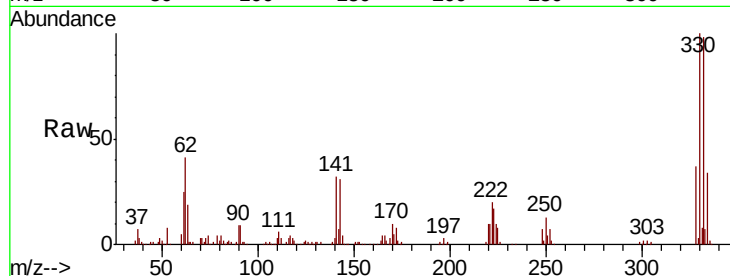




#42  
 2,4,6-Tribromophenol  
 Concen: 137.945 ng  
 RT: 16.02 min Scan# 2200  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.2  | 76.6  | 115.0 |
| 141     | 34.3  | 26.5  | 39.7  |

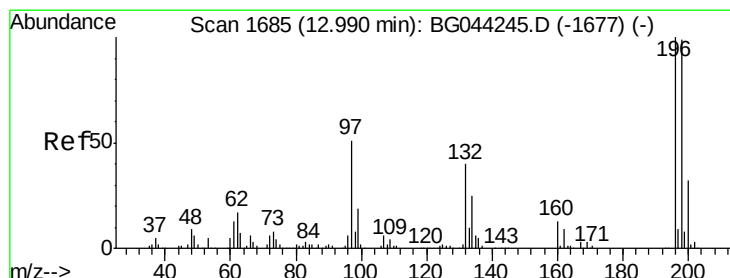
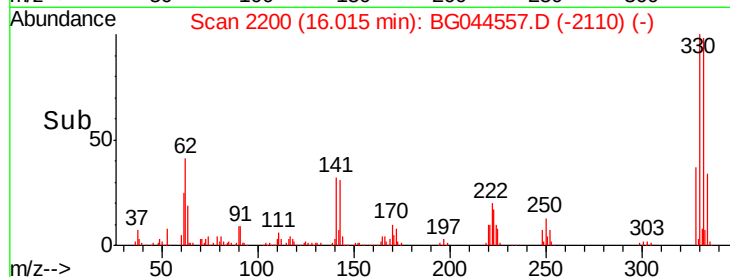
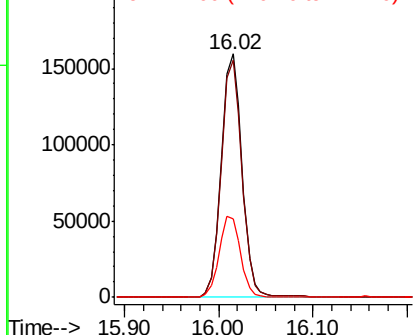


Abundance

Ion 329.80 (329.50 to 330.50): E

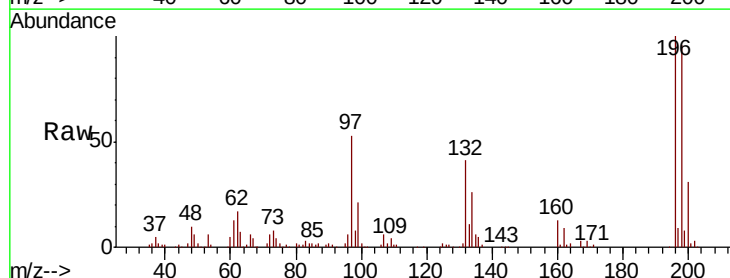
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43  
 2,4,6-Trichlorophenol  
 Concen: 43.362 ng  
 RT: 12.95 min Scan# 1679  
 Delta R.T. -0.01 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.4  | 77.8  | 116.8 |
| 200     | 31.0  | 25.6  | 38.4  |

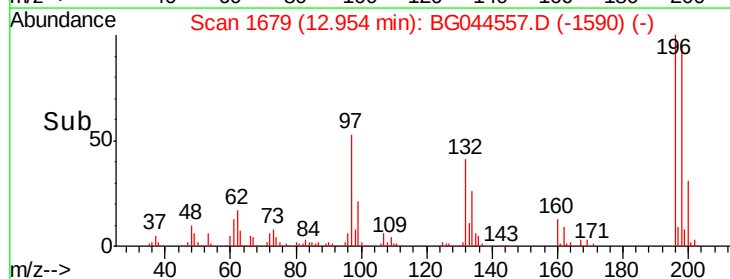
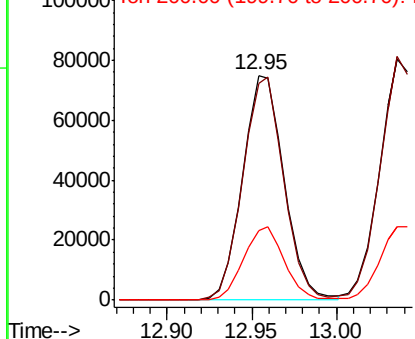


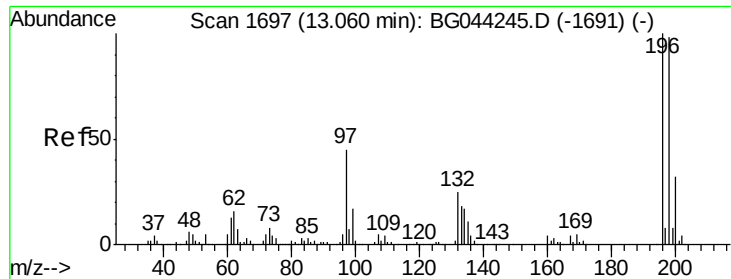
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 46.251 ng

RT: 13.04 min Scan# 1693

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:196 Resp: 139298

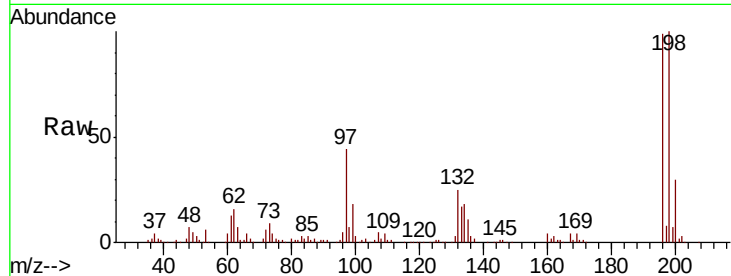
Ion Ratio Lower Upper

196 100

198 100.9 79.9 119.9

97 44.9 35.2 52.8

132 24.7 20.1 30.1

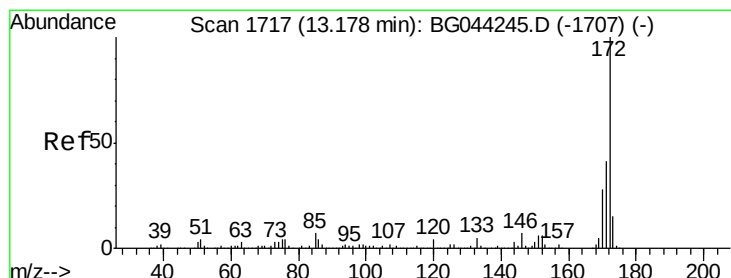
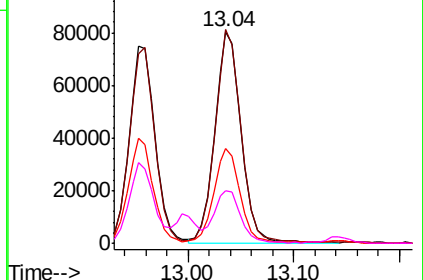
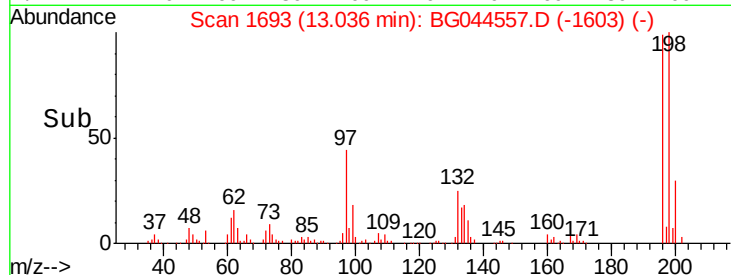


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 85.384 ng

RT: 13.14 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

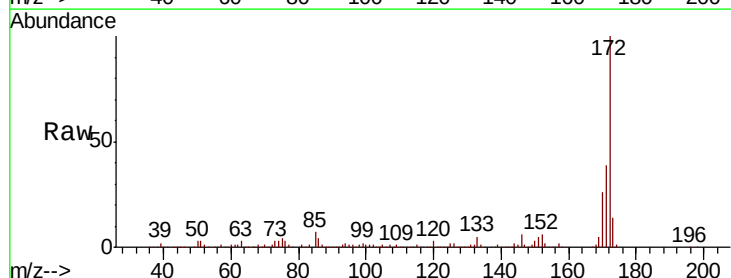
Tgt Ion:172 Resp: 777609

Ion Ratio Lower Upper

172 100

171 38.8 32.3 48.5

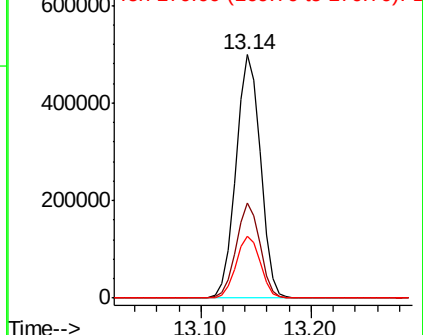
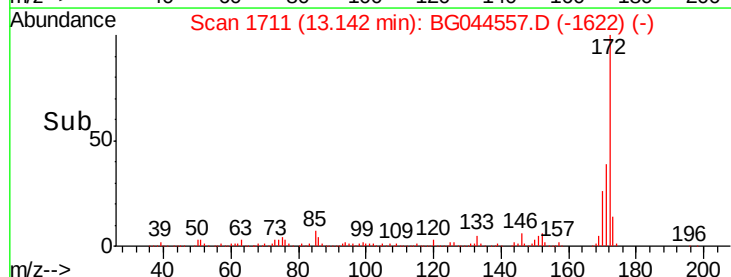
170 25.6 21.6 32.4

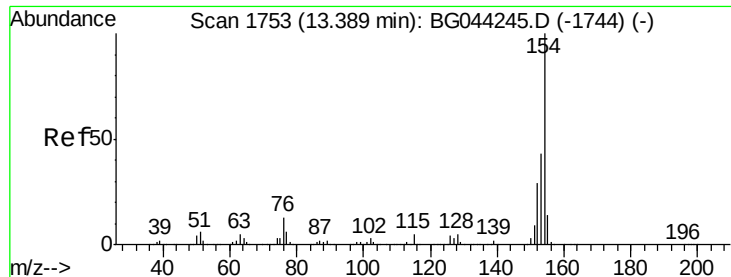


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

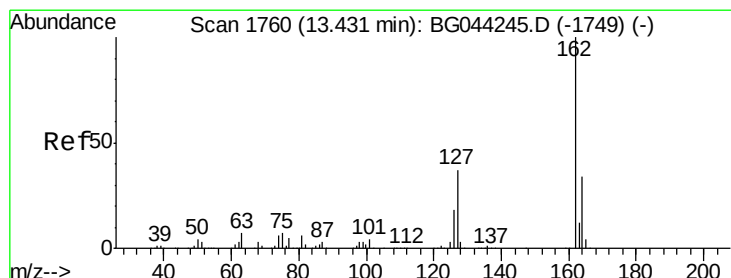
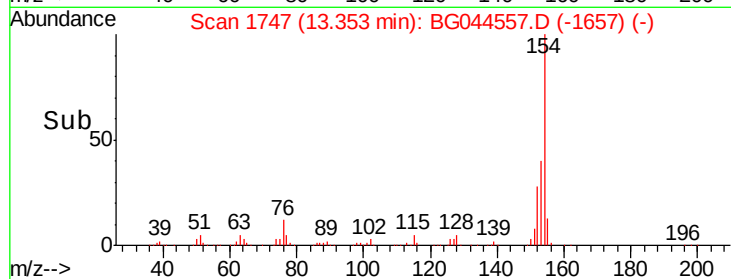
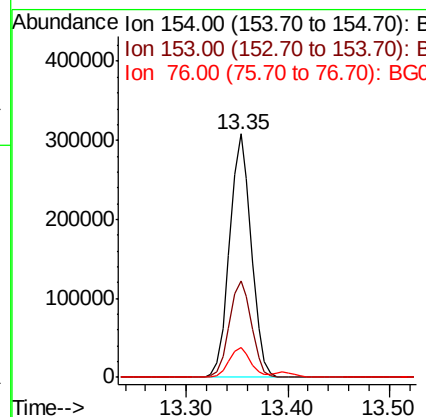
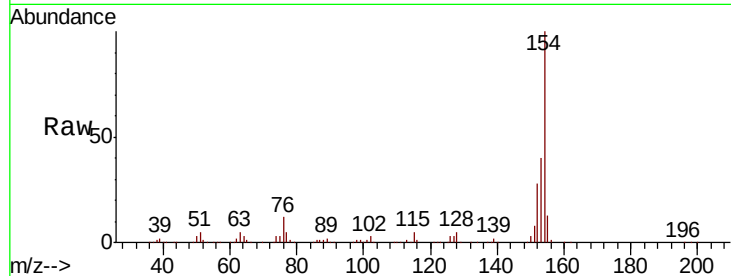




#46  
 1,1'-Biphenyl  
 Concen: 41.390 ng  
 RT: 13.35 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

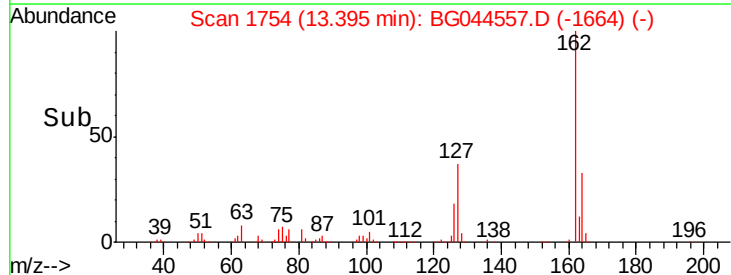
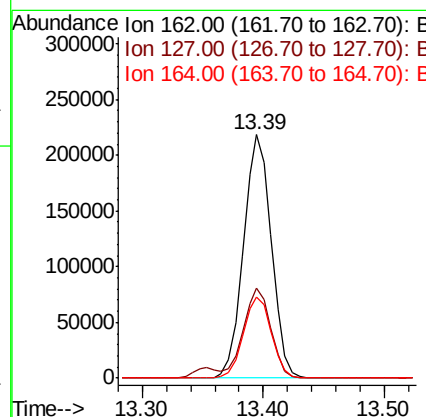
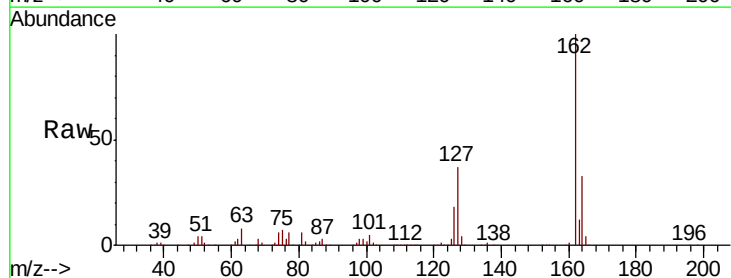
Instrument :  
 BNA\_G  
 ClientSampleId :

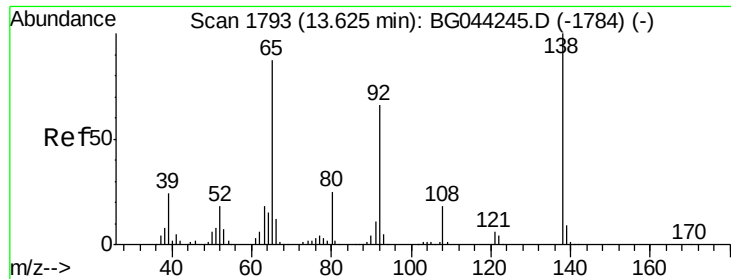
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.8  | 22.3  | 62.3  |
| 76      | 12.2  | 0.0   | 32.7  |



#47  
 2-Chloronaphthalene  
 Concen: 40.044 ng  
 RT: 13.39 min Scan# 1754  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.0  | 31.0  | 46.6  |
| 164     | 33.4  | 27.4  | 41.2  |

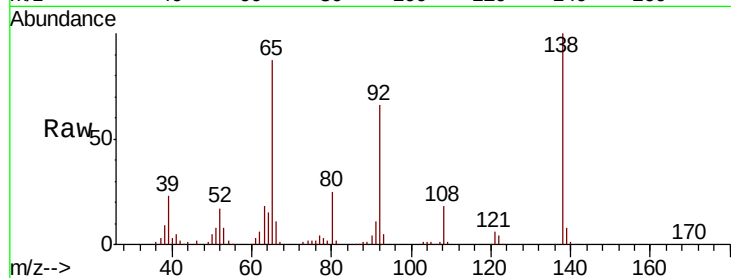




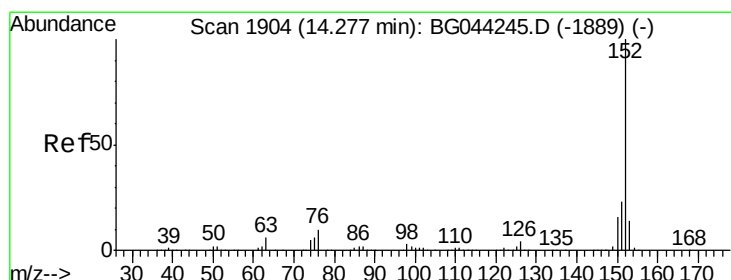
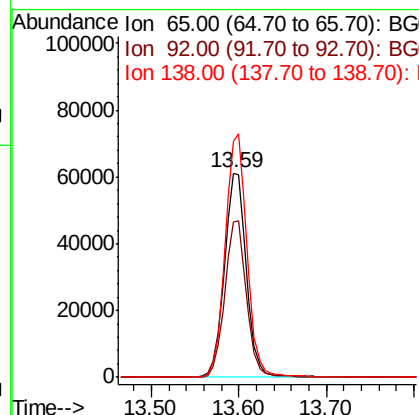
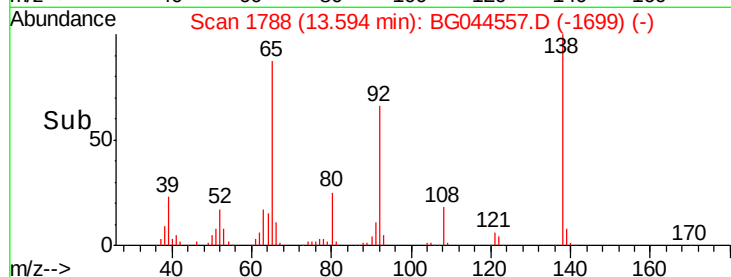
#48  
2-Nitroaniline  
Concen: 41.206 ng  
RT: 13.59 min Scan# 1788  
Delta R.T. -0.01 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion: 65 Resp: 106448  
Ion Ratio Lower Upper  
65 100  
92 75.8 61.2 91.8  
138 115.3 95.2 142.8

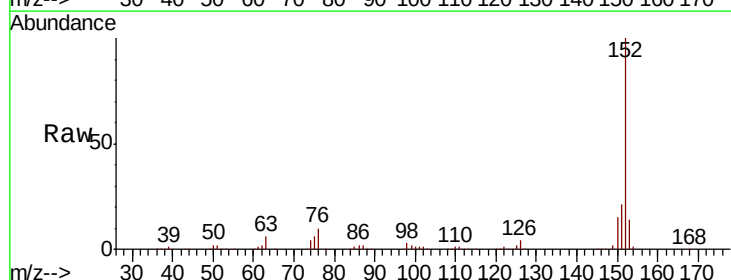


Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC

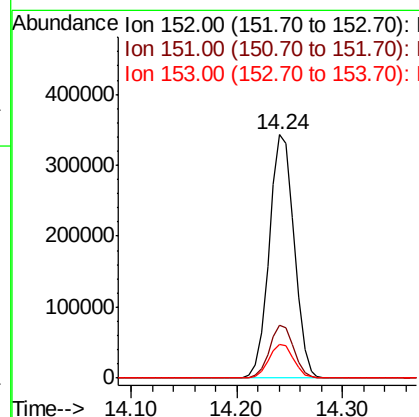
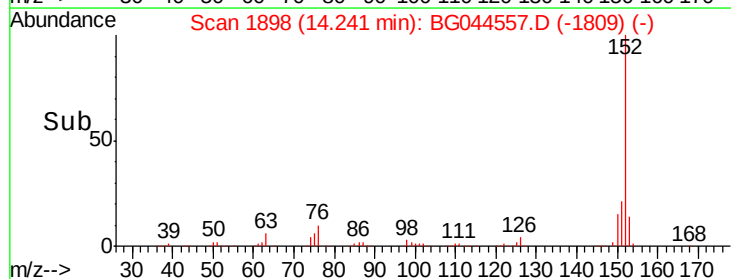


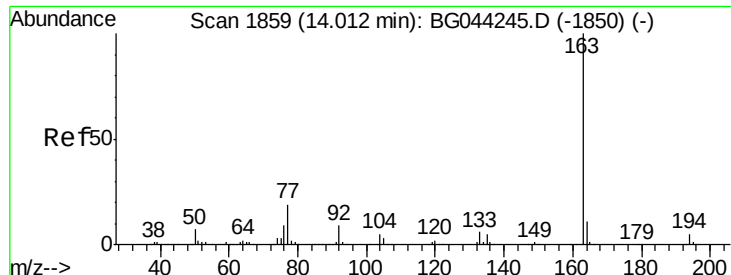
#49  
Acenaphthylene  
Concen: 43.684 ng  
RT: 14.24 min Scan# 1898  
Delta R.T. -0.01 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Tgt Ion: 152 Resp: 560861  
Ion Ratio Lower Upper  
152 100  
151 21.5 18.2 27.2  
153 13.9 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): BGC  
Ion 151.00 (150.70 to 151.70): BGC  
Ion 153.00 (152.70 to 153.70): BGC





#50

Dimethylphthalate

Concen: 43.019 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

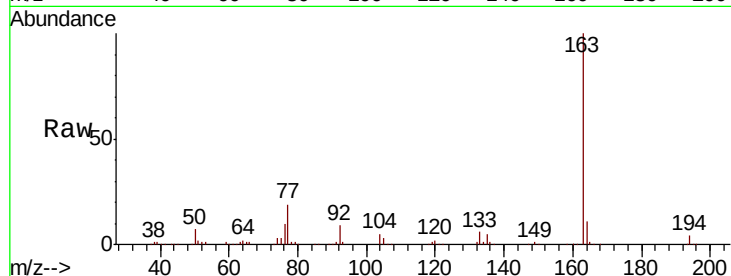
Tot Ion:163 Resp: 471594

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

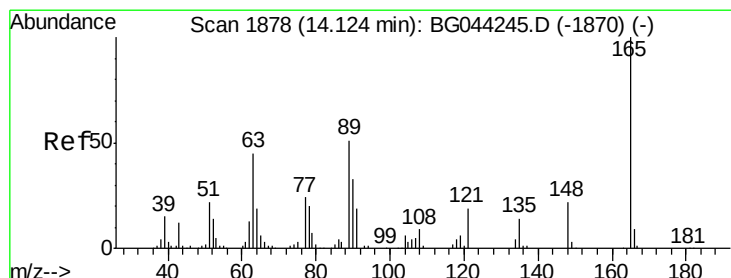
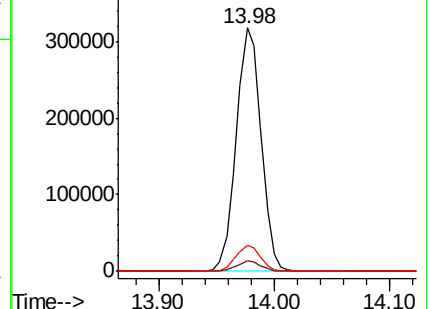
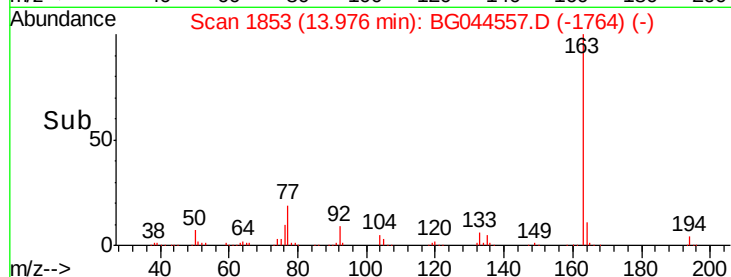
164 10.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 43.872 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

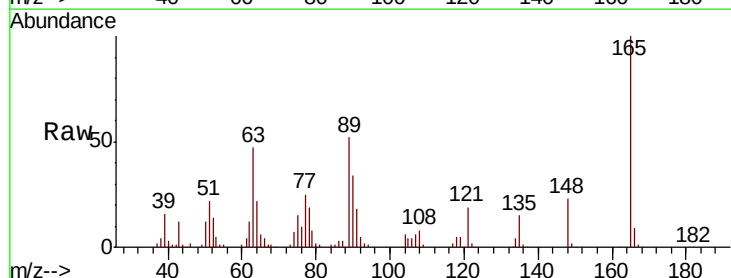
Tgt Ion:165 Resp: 107236

Ion Ratio Lower Upper

165 100

63 47.5 35.0 52.6

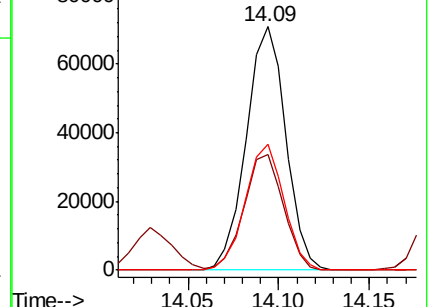
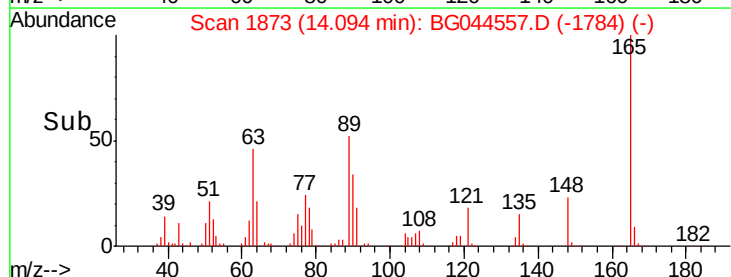
89 51.9 39.5 59.3

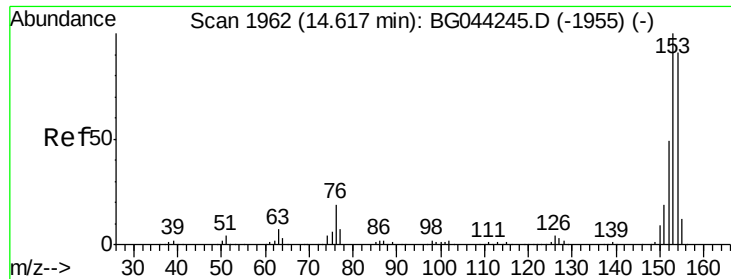


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 41.616 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

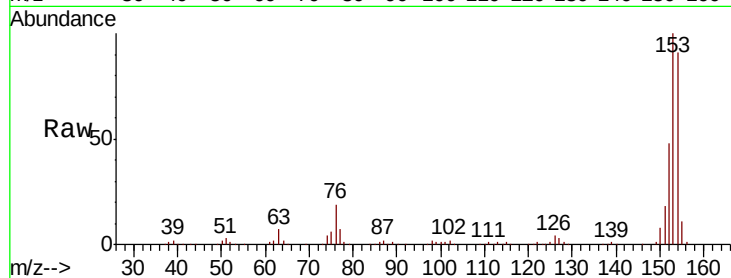
Tot Ion:154 Resp: 346328

Ion Ratio Lower Upper

154 100

153 110.2 88.6 133.0

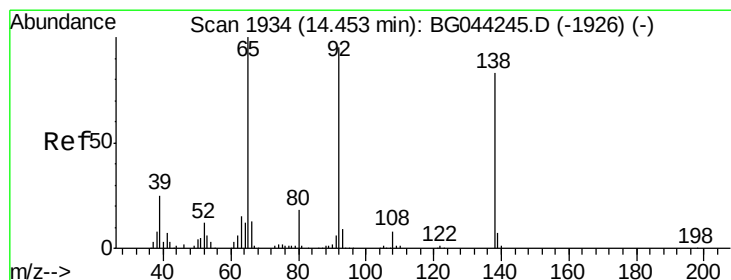
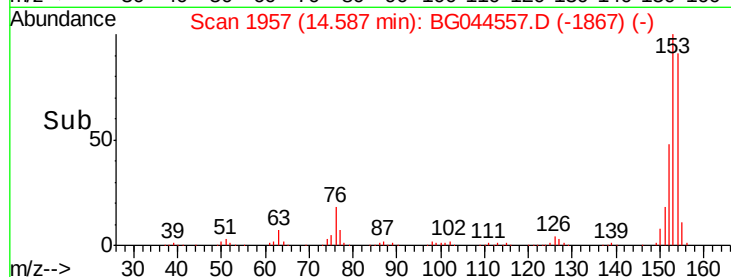
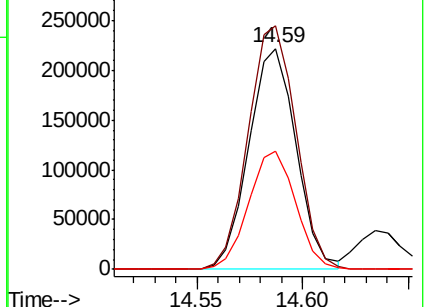
152 53.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 28.304 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

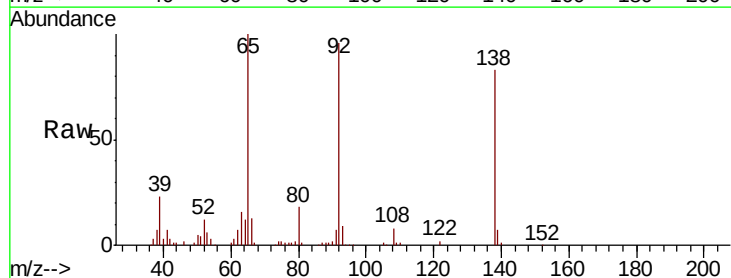
Tgt Ion:138 Resp: 76539

Ion Ratio Lower Upper

138 100

108 9.0 8.2 12.4

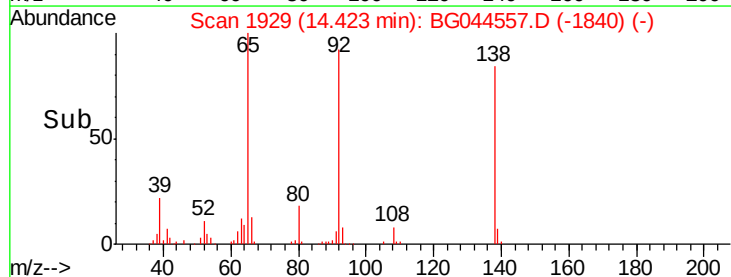
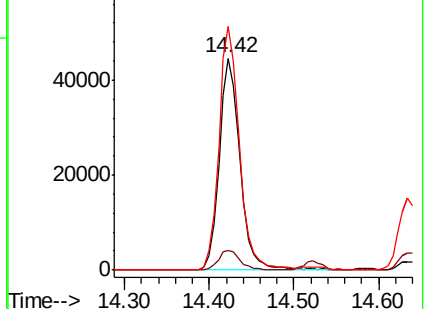
92 115.0 89.7 134.5

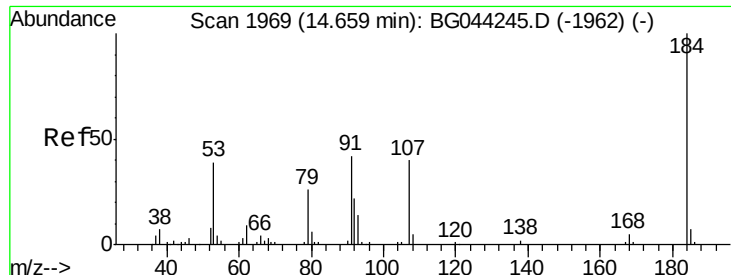


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

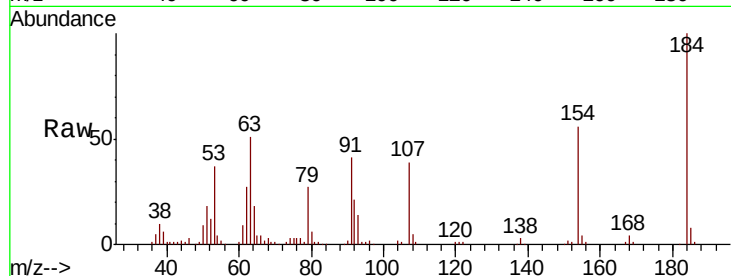




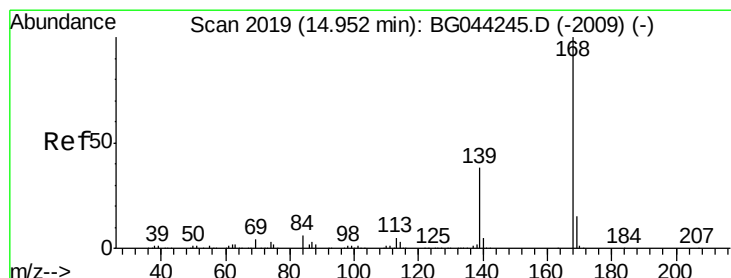
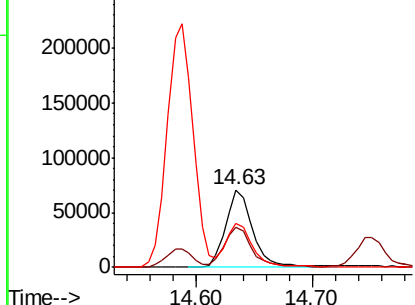
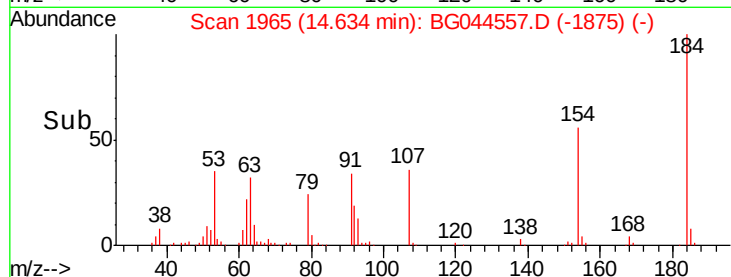
#54  
2,4-Dinitrophenol  
Concen: 80.312 ng  
RT: 14.63 min Scan# 1965  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:184 Resp: 116366  
Ion Ratio Lower Upper  
184 100  
63 51.3 43.8 65.8  
154 55.7 46.6 70.0

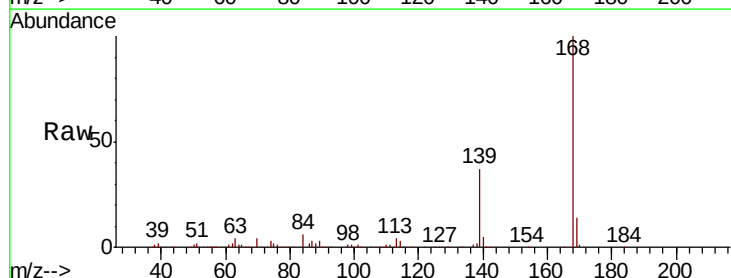


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

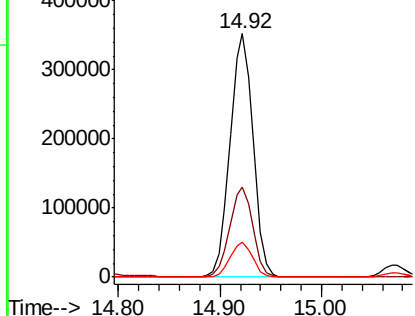
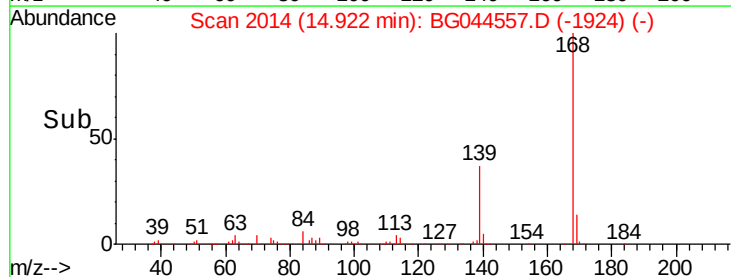


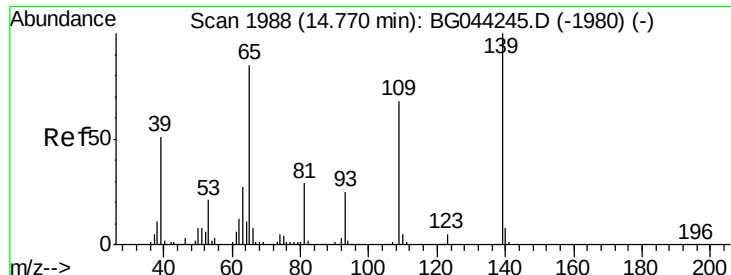
#55  
Dibenzofuran  
Concen: 43.871 ng  
RT: 14.92 min Scan# 2014  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Tgt Ion:168 Resp: 552763  
Ion Ratio Lower Upper  
168 100  
139 37.1 30.8 46.2  
169 14.2 12.2 18.4



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 96.775 ng

RT: 14.75 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

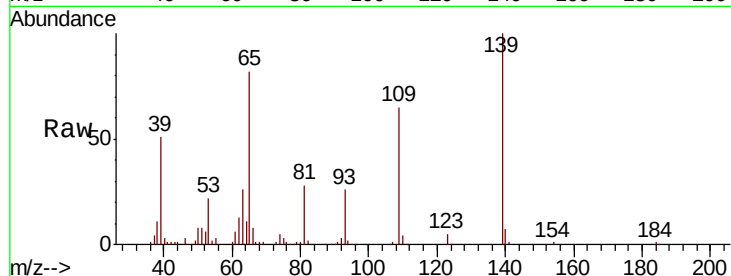
Tot Ion:139 Resp: 191696

Ion Ratio Lower Upper

139 100

109 65.4 44.0 84.0

65 82.0 62.3 102.3

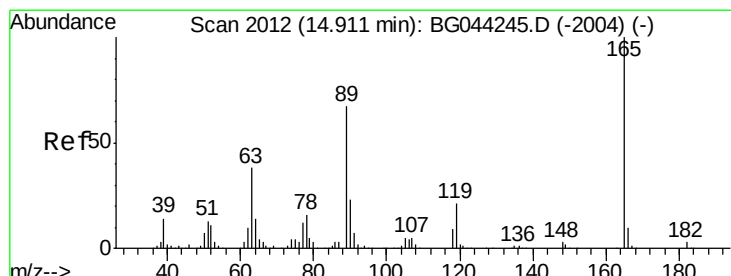
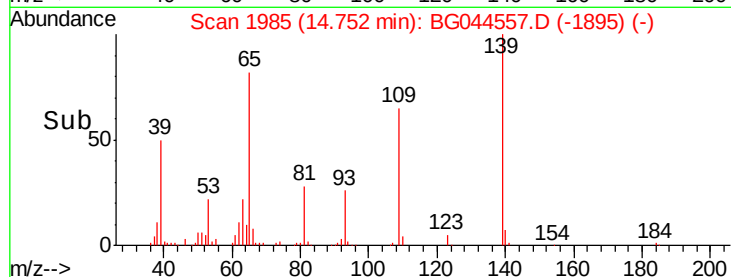
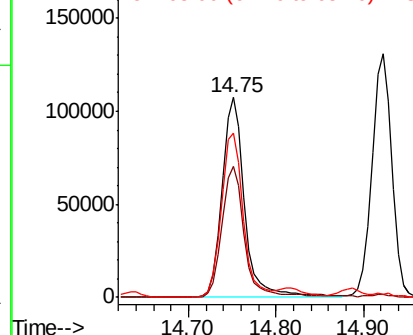


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 45.026 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Tgt Ion:165 Resp: 154253

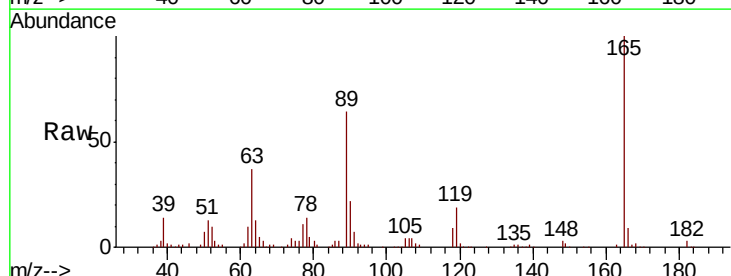
Ion Ratio Lower Upper

165 100

63 36.8 28.6 42.8

89 64.4 50.7 76.1

182 2.7 2.1 3.1



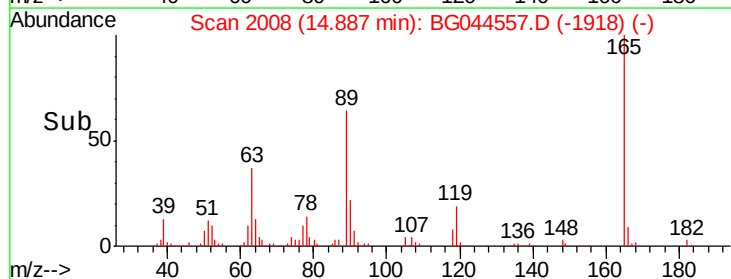
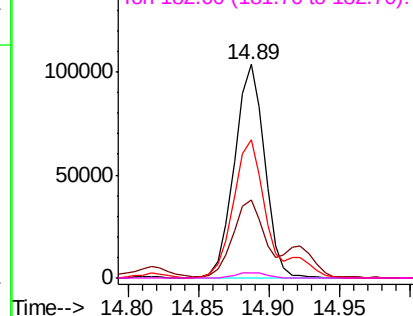
Abundance

Ion 165.00 (164.70 to 165.70): E

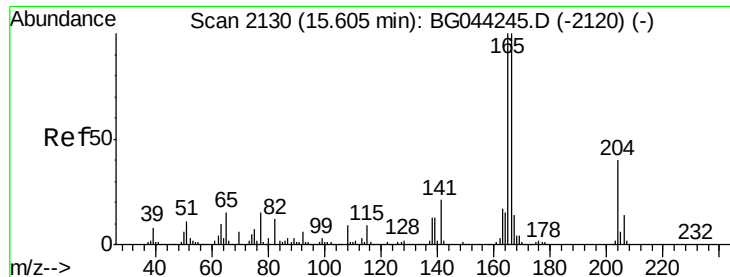
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



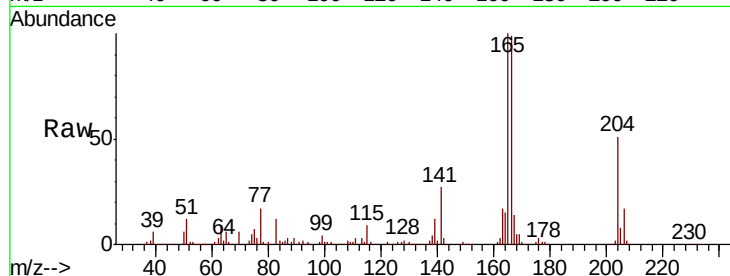




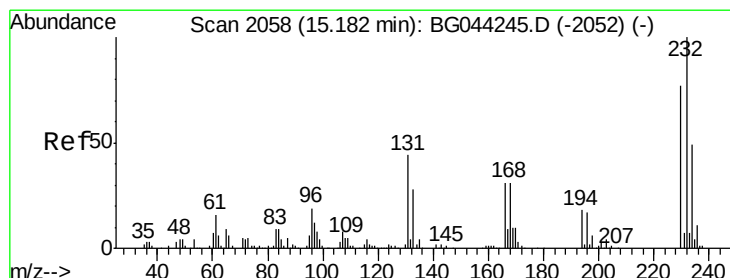
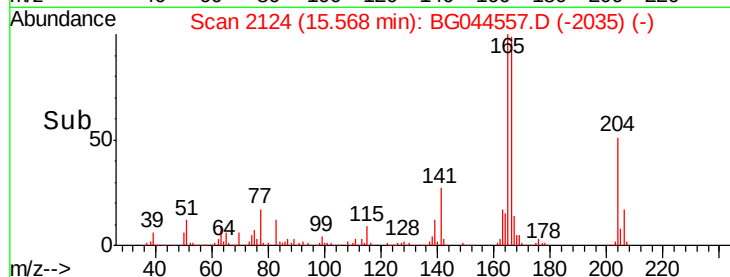
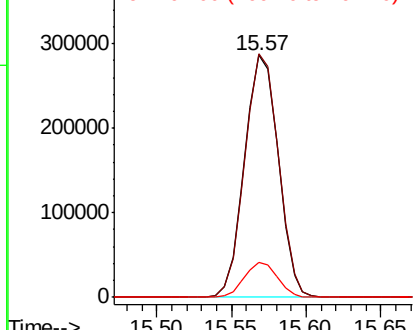
#58  
 Fluorene  
 Concen: 45.238 ng  
 RT: 15.57 min Scan# 2124  
 Delta R.T. -0.01 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:166 Resp: 448943  
 Ion Ratio Lower Upper  
 166 100  
 165 100.6 79.3 118.9  
 167 14.3 11.4 17.2

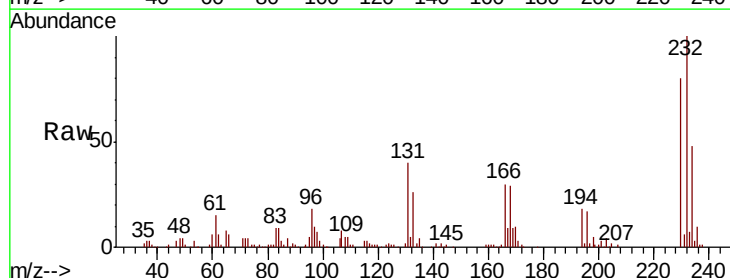


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

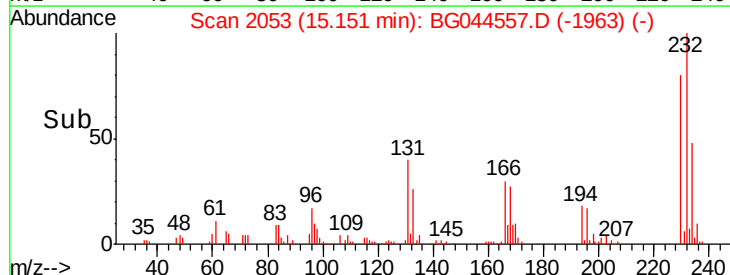
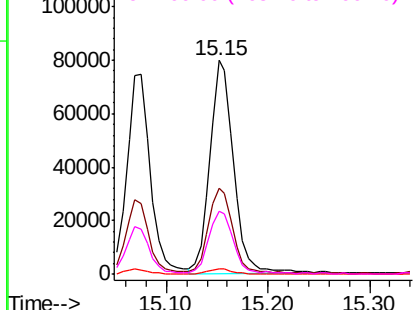


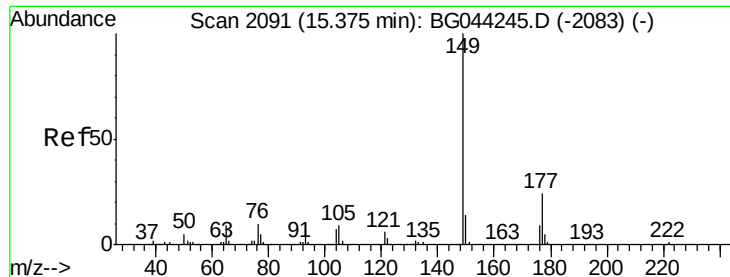
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.371 ng  
 RT: 15.15 min Scan# 2053  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

Tgt Ion:232 Resp: 128870  
 Ion Ratio Lower Upper  
 232 100  
 131 41.7 31.8 47.8  
 130 2.3 1.8 2.8  
 166 30.1 23.2 34.8



Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E





#60

Diethylphthalate

Concen: 44.439 ng

RT: 15.35 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

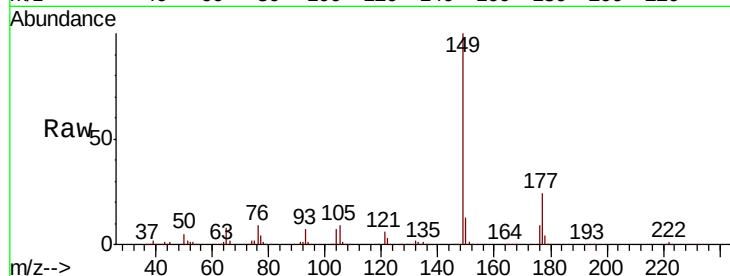
Tot Ion:149 Resp: 485420

Ion Ratio Lower Upper

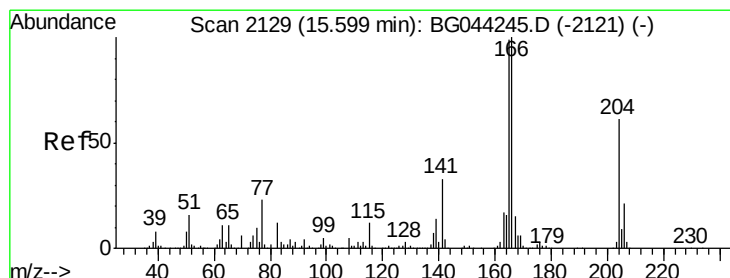
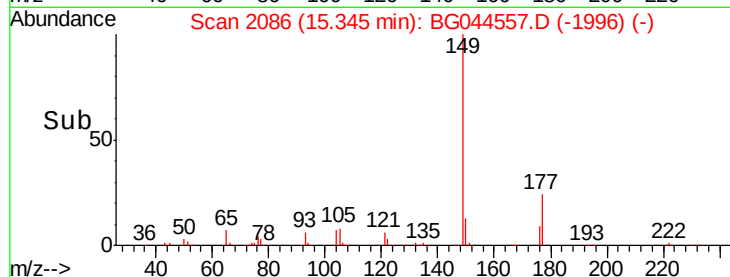
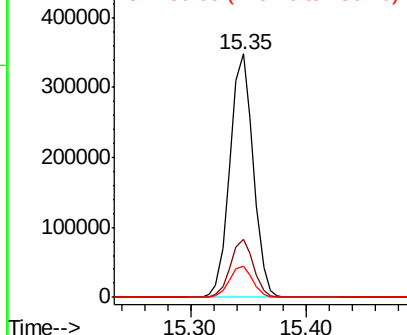
149 100

177 23.8 19.3 28.9

150 12.9 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 42.699 ng

RT: 15.56 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

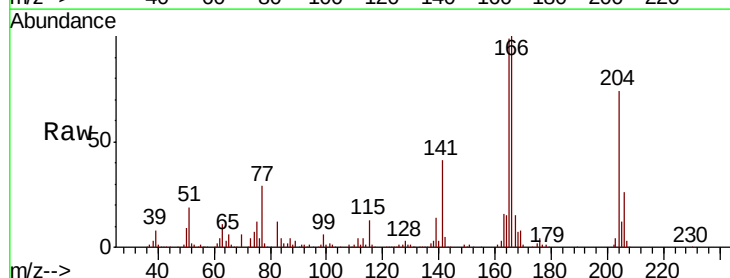
Tgt Ion:204 Resp: 229757

Ion Ratio Lower Upper

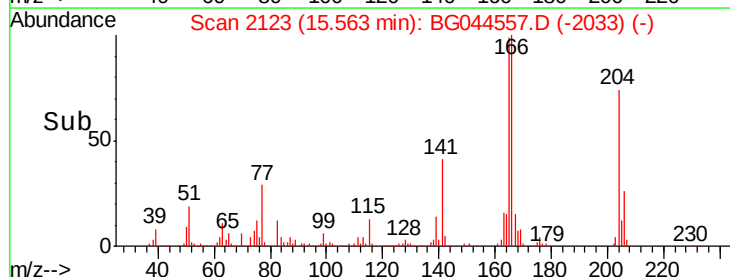
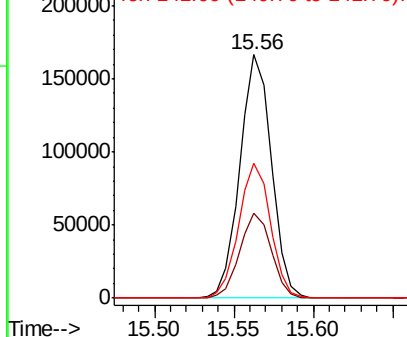
204 100

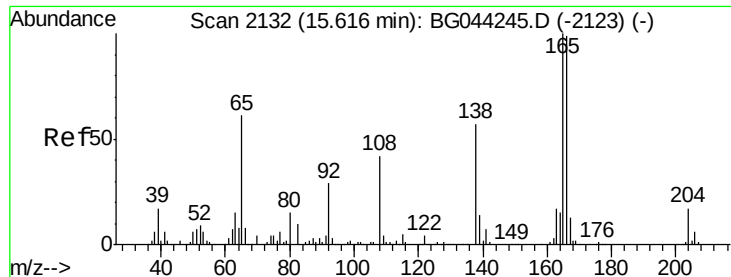
206 34.7 28.6 42.8

141 55.6 43.9 65.9



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

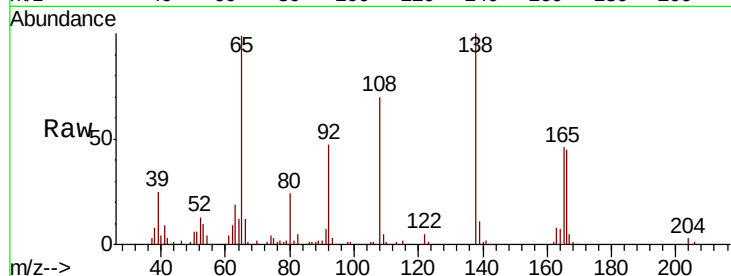




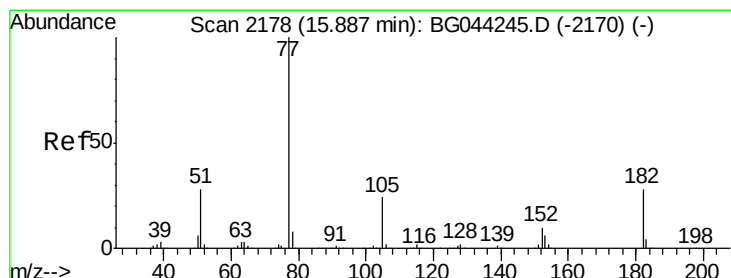
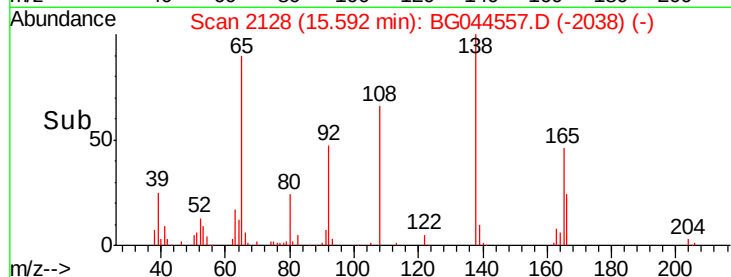
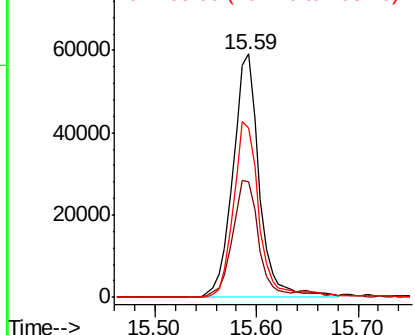
#62  
4-Nitroaniline  
Concen: 39.692 ng  
RT: 15.59 min Scan# 2128  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:138 Resp: 107254  
Ion Ratio Lower Upper  
138 100  
92 47.3 30.7 70.7  
108 69.6 51.9 91.9

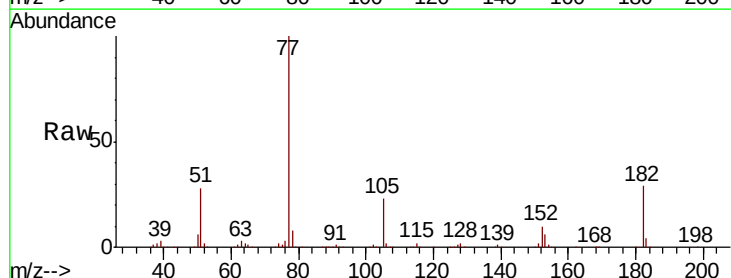


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E

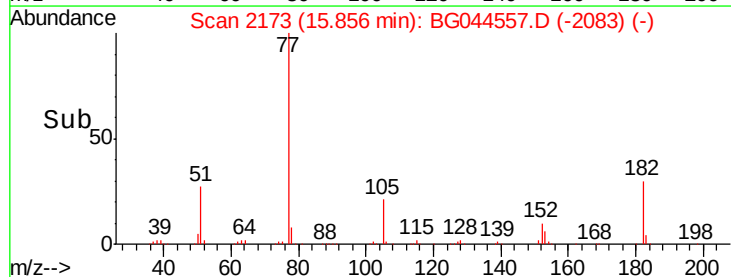
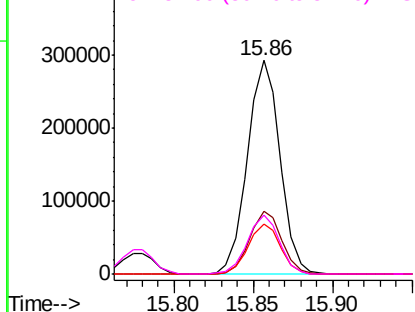


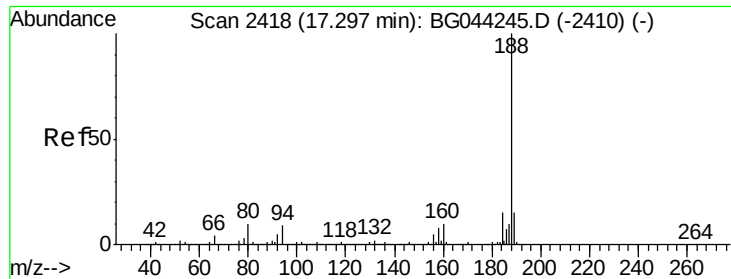
#63  
Azobenzene  
Concen: 43.392 ng  
RT: 15.86 min Scan# 2173  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Tgt Ion: 77 Resp: 415412  
Ion Ratio Lower Upper  
77 100  
182 29.5 8.8 48.8  
105 23.1 4.0 44.0  
51 27.6 7.3 47.3



Abundance Ion 77.00 (76.70 to 77.70): BG  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

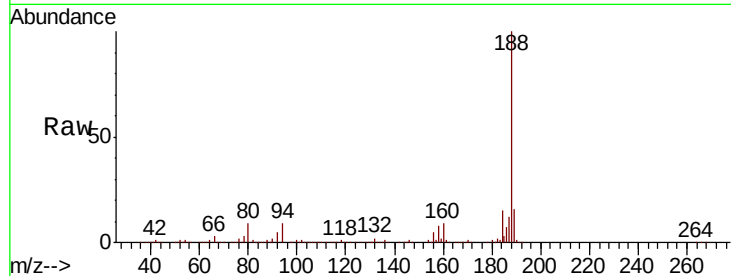
Tot Ion:188 Resp: 377826

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.0

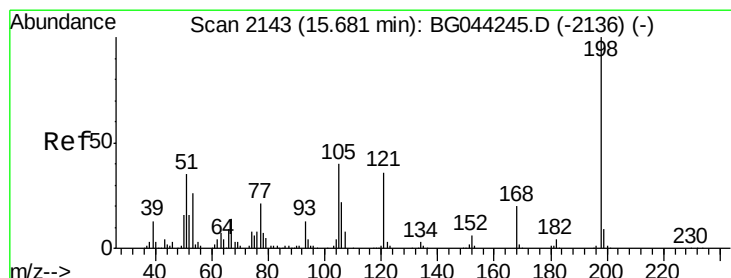
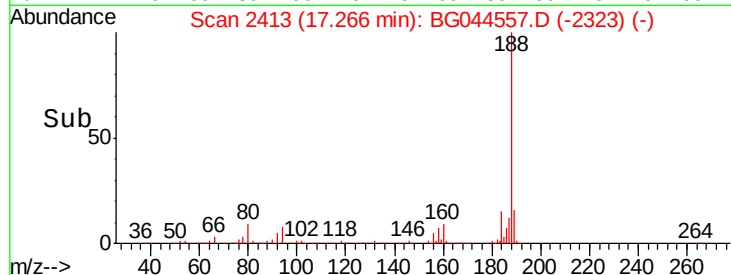
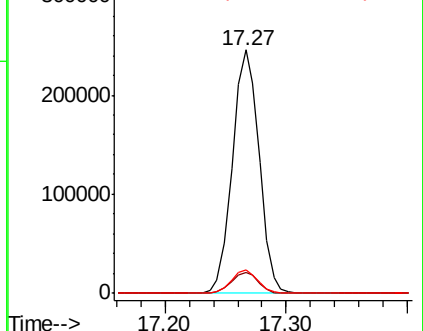
80 9.4 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 43.897 ng

RT: 15.66 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

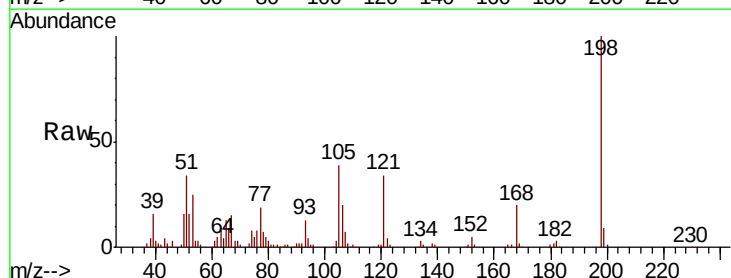
Tgt Ion:198 Resp: 91552

Ion Ratio Lower Upper

198 100

51 33.7 17.9 57.9

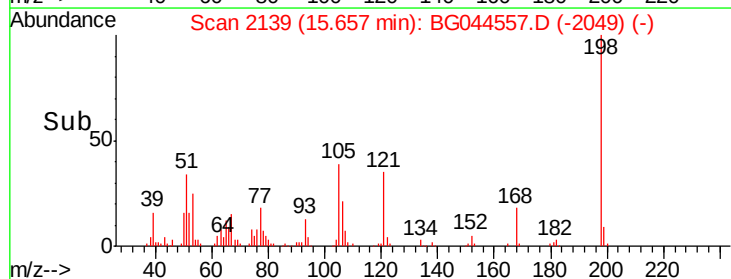
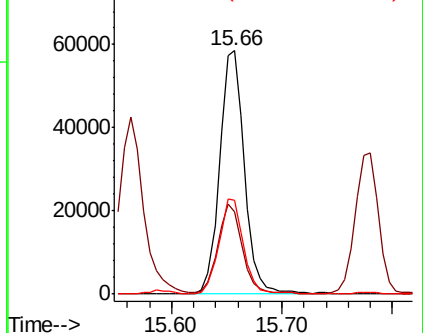
105 38.6 19.8 59.8

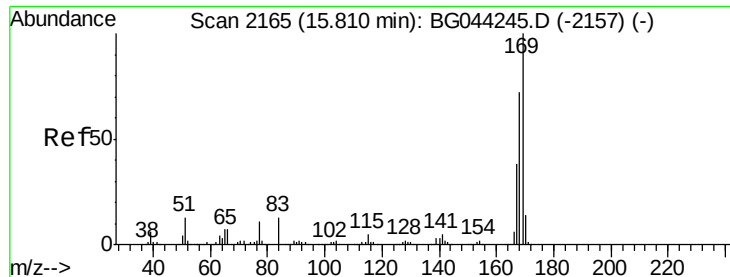


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

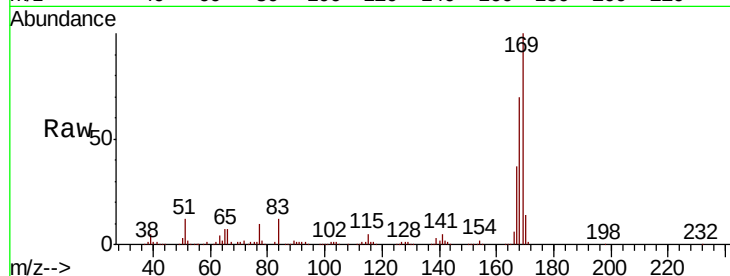




#66  
 n-Nitrosodiphenylamine  
 Concen: 39.854 ng  
 RT: 15.78 min Scan# 2160  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.0  | 56.8  | 85.2  |
| 167     | 37.4  | 29.6  | 44.4  |

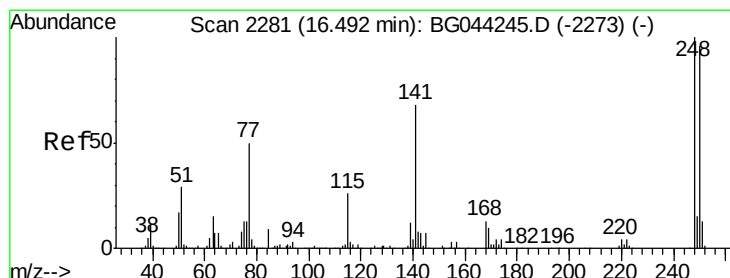
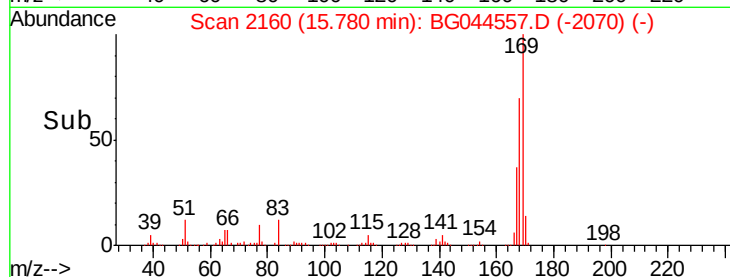
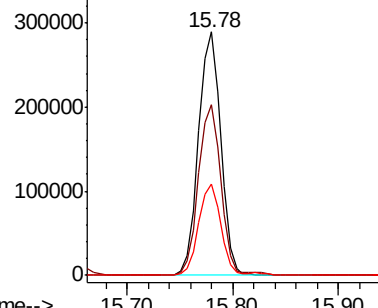


Abundance

Ion 169.00 (168.70 to 169.70): E

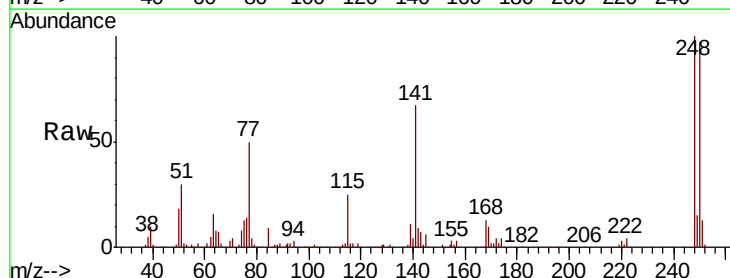
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67  
 4-Bromophenyl-phenylether  
 Concen: 38.199 ng  
 RT: 16.46 min Scan# 2275  
 Delta R.T. -0.01 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.7  | 76.8  | 115.2 |
| 141     | 66.7  | 50.0  | 75.0  |

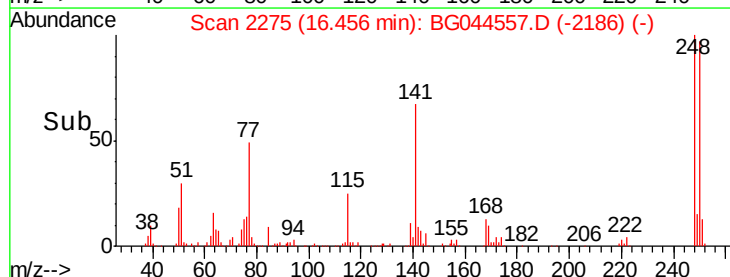
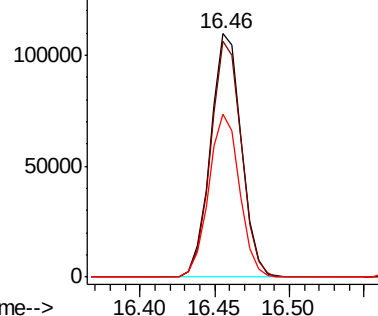


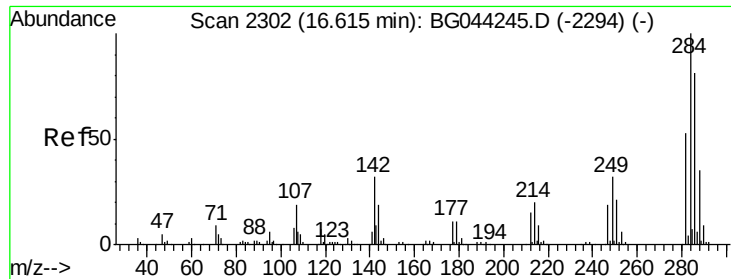
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 36.929 ng

RT: 16.58 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

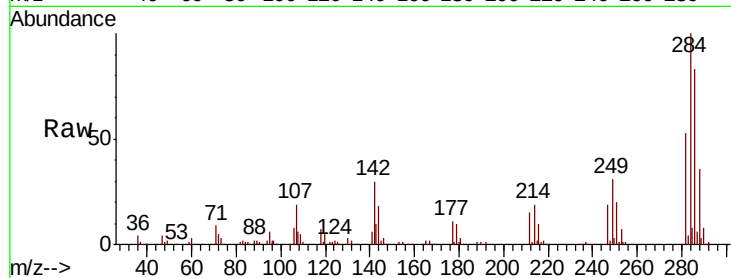
Tot Ion:284 Resp: 170307

Ion Ratio Lower Upper

284 100

142 30.4 24.6 36.8

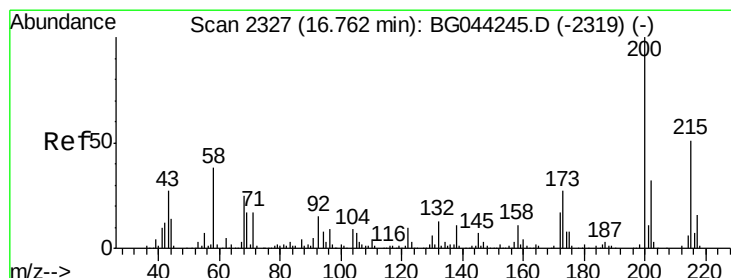
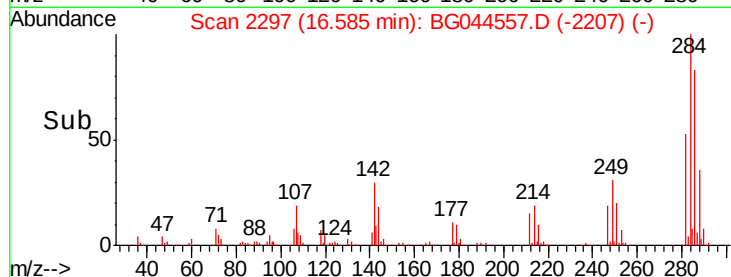
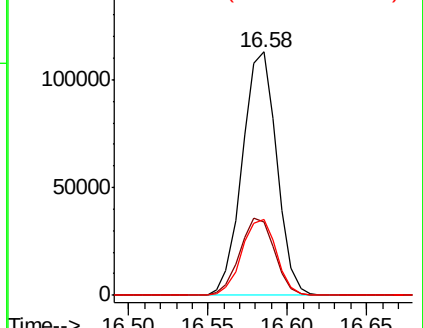
249 31.0 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 19.895 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

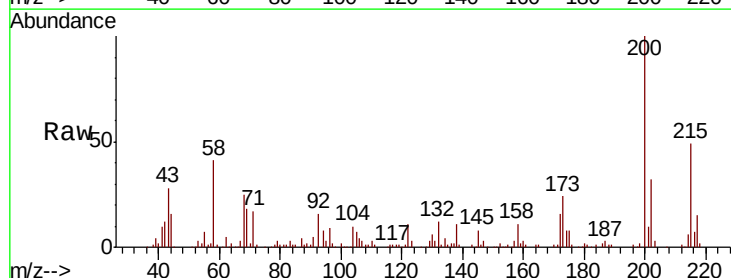
Tgt Ion:200 Resp: 72204

Ion Ratio Lower Upper

200 100

173 24.3 5.6 45.6

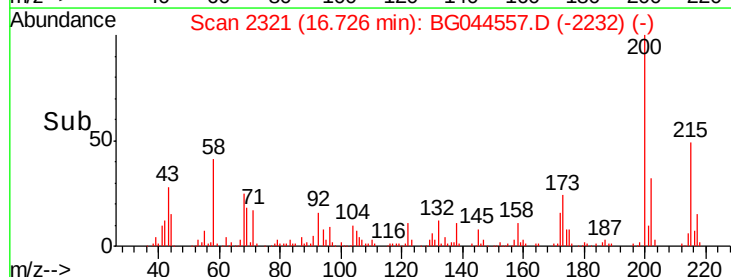
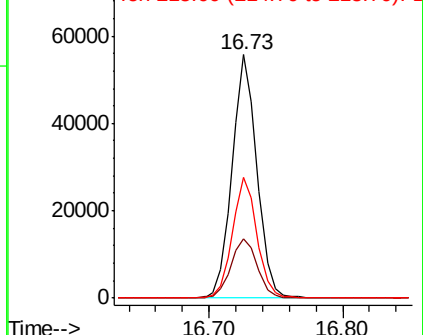
215 49.4 30.3 70.3

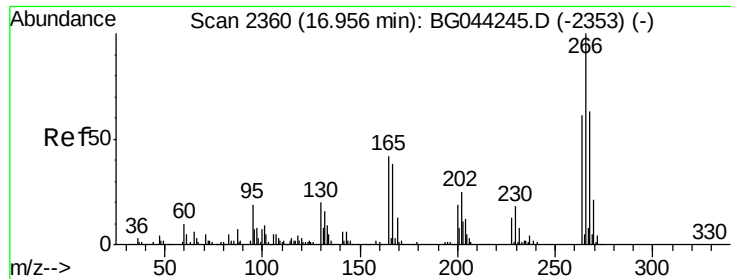


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 119.810 ng

RT: 16.93 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

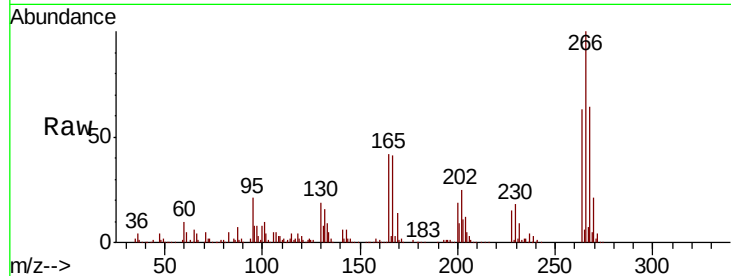
Tot Ion:266 Resp: 283202

Ion Ratio Lower Upper

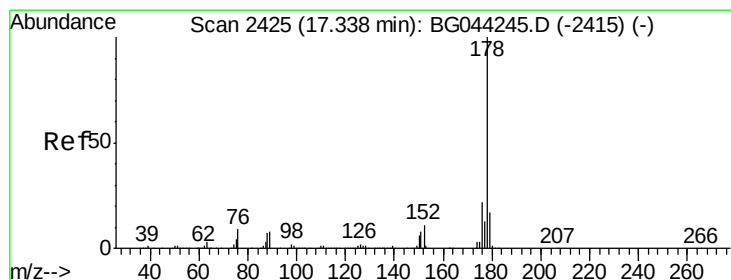
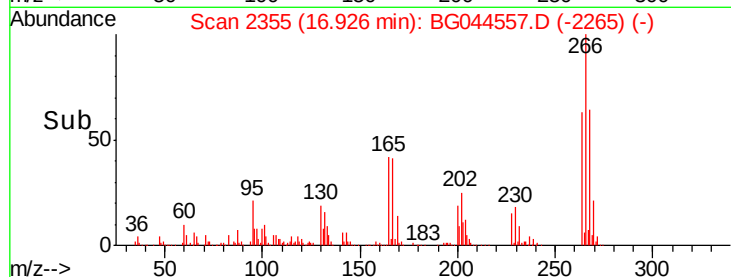
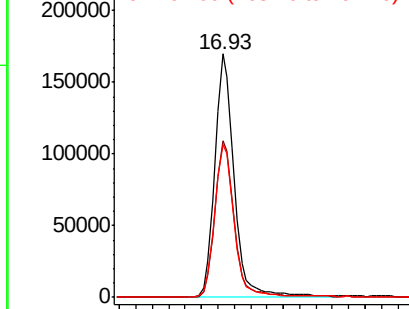
266 100

268 64.1 51.6 77.4

264 62.8 49.8 74.8



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 41.563 ng

RT: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

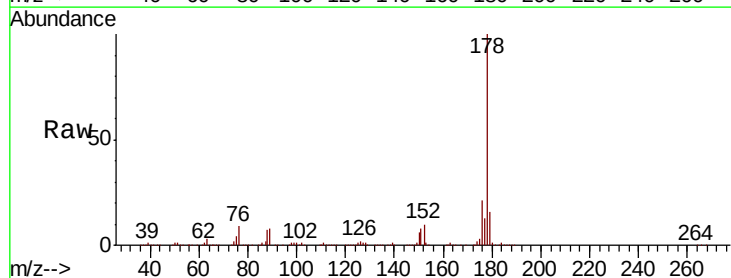
Tgt Ion:178 Resp: 760427

Ion Ratio Lower Upper

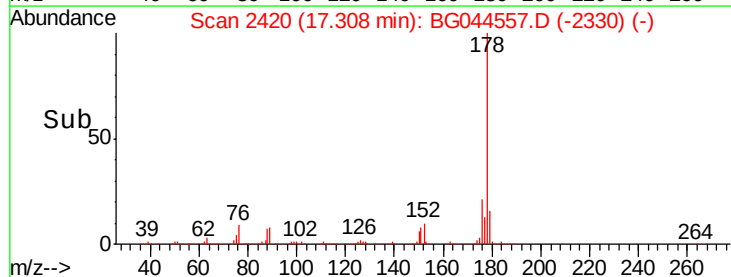
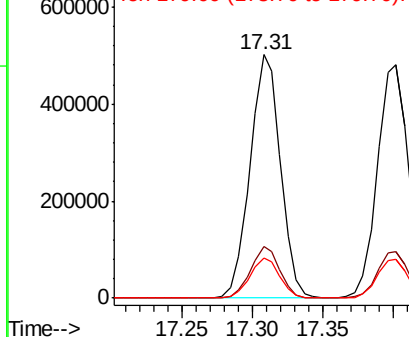
178 100

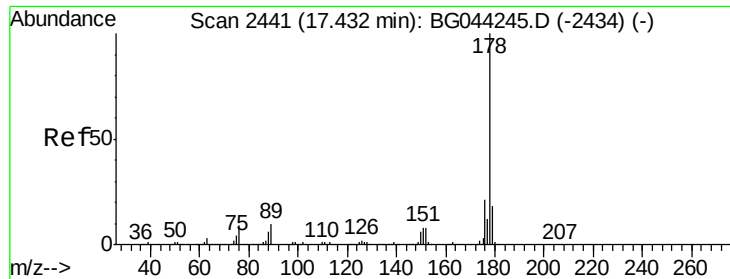
176 21.0 17.4 26.0

179 16.4 13.8 20.6



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

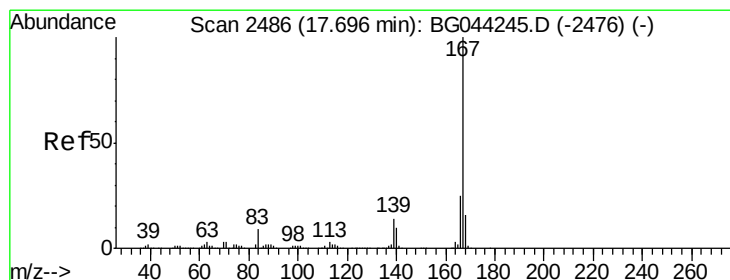
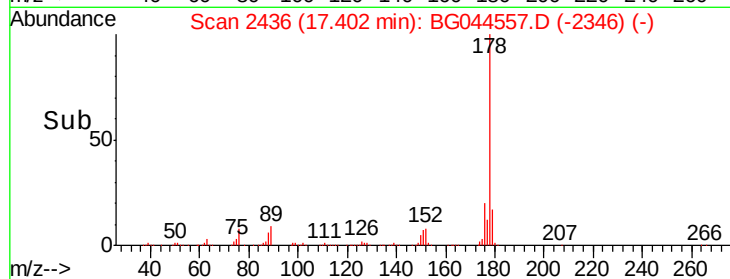
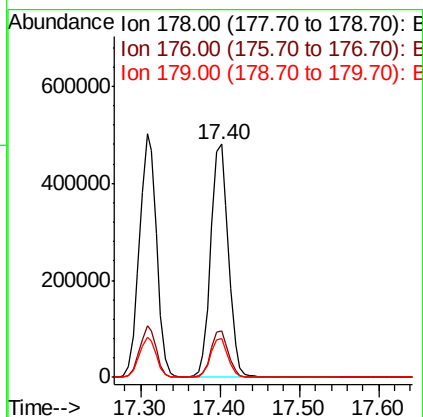
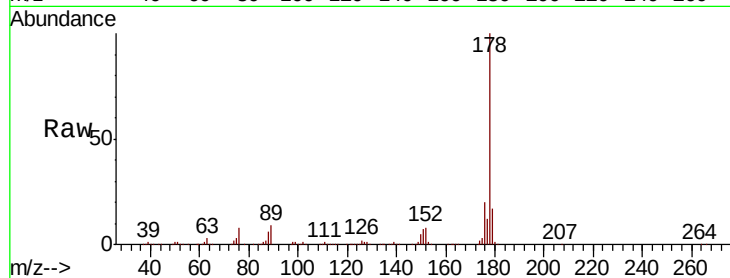




#72  
 Anthracene  
 Concen: 40.950 ng  
 RT: 17.40 min Scan# 2436  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

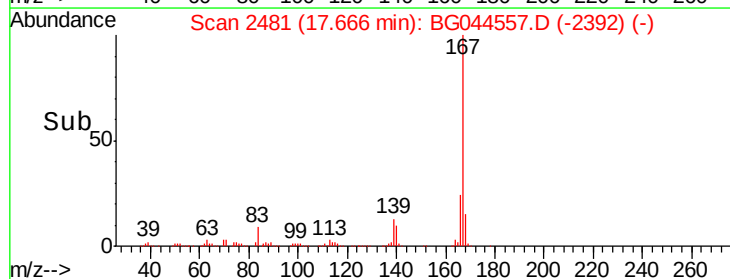
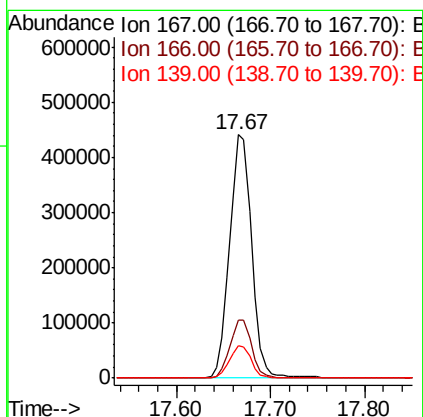
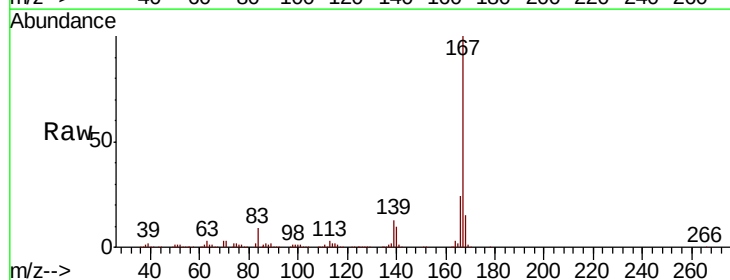
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:178 Resp: 740716  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 17.1 25.7  
 179 16.6 13.9 20.9

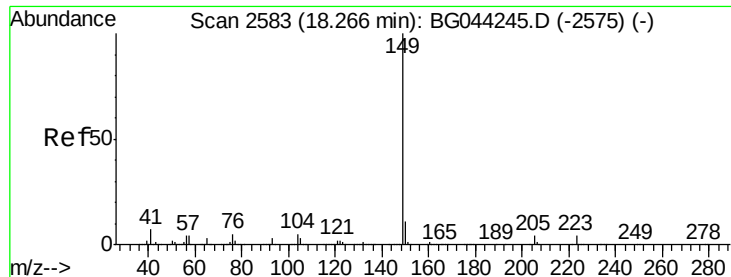


#73  
 Carbazole  
 Concen: 43.153 ng  
 RT: 17.67 min Scan# 2481  
 Delta R.T. -0.01 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

Tgt Ion:167 Resp: 719583  
 Ion Ratio Lower Upper  
 167 100  
 166 23.9 19.5 29.3  
 139 13.4 10.8 16.2







#74

Di-n-butylphthalate

Concen: 43.410 ng

RT: 18.24 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

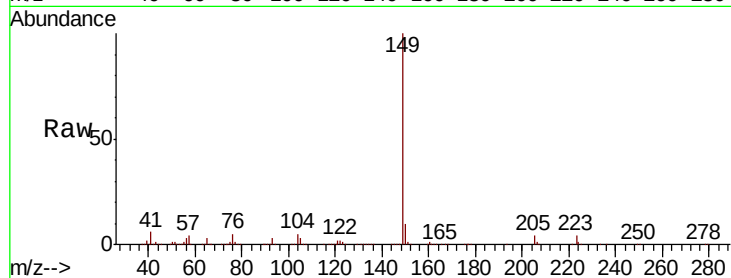
Tot Ion:149 Resp: 894538

Ion Ratio Lower Upper

149 100

150 9.9 9.0 13.4

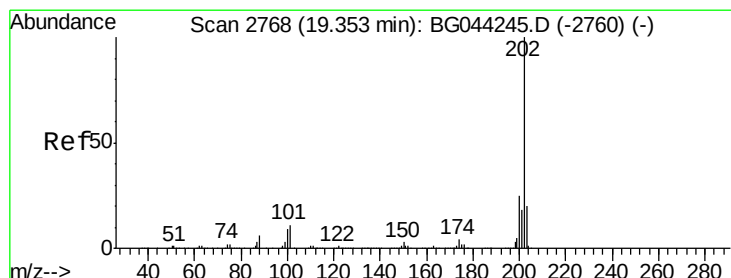
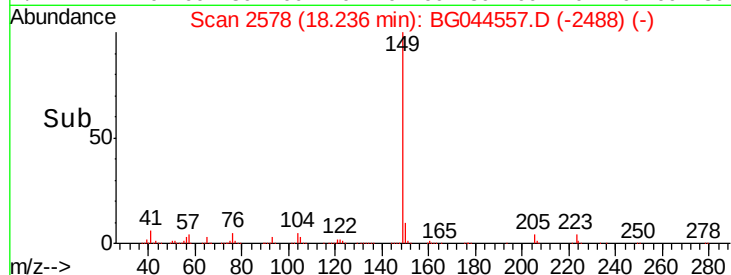
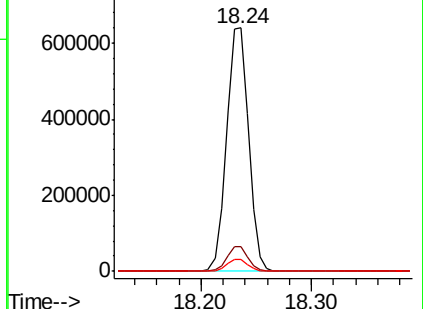
104 4.9 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 44.999 ng

RT: 19.32 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

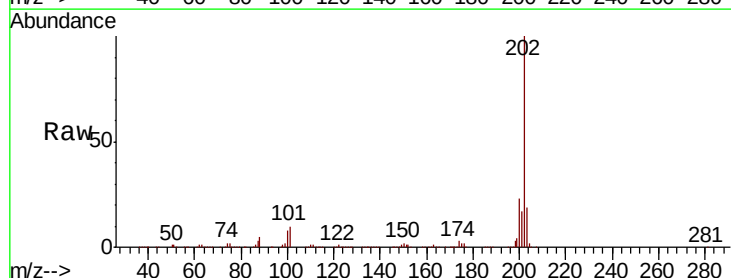
Tgt Ion:202 Resp: 952388

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

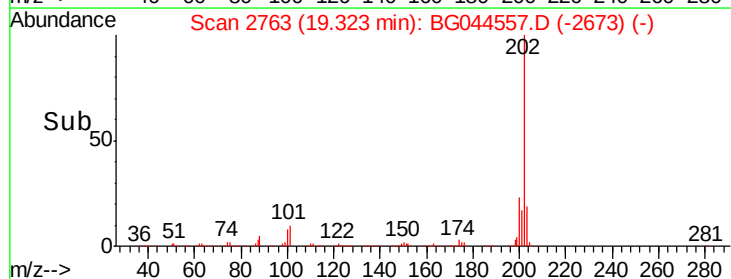
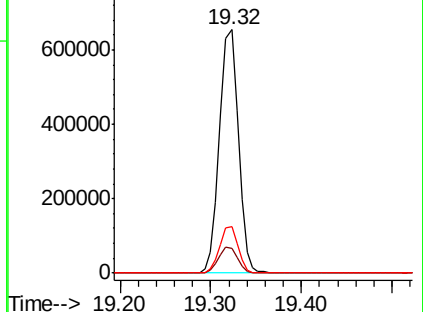
203 19.2 0.3 40.3

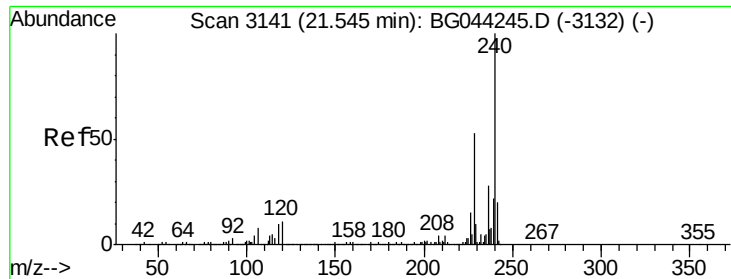


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

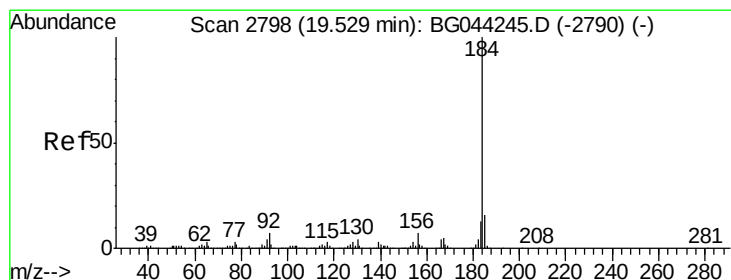
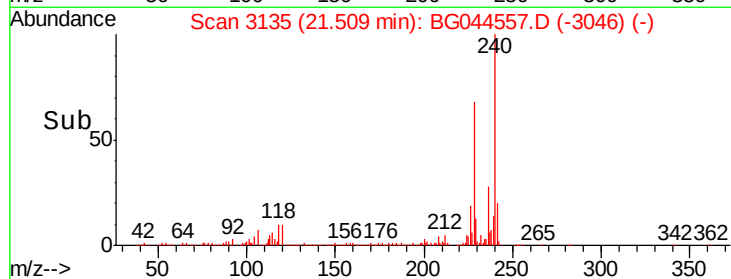
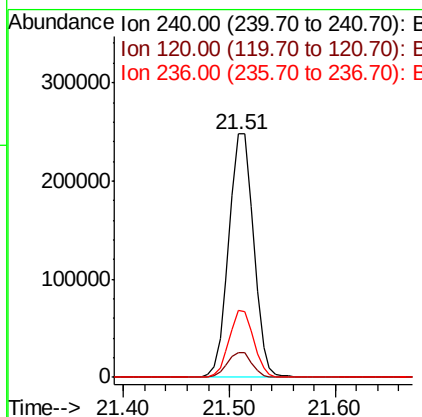
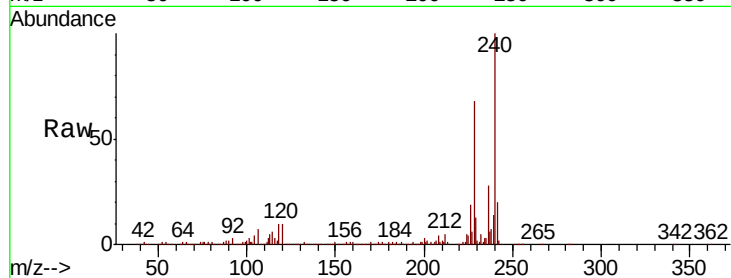




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.51 min Scan# 3135  
 Delta R.T. -0.01 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

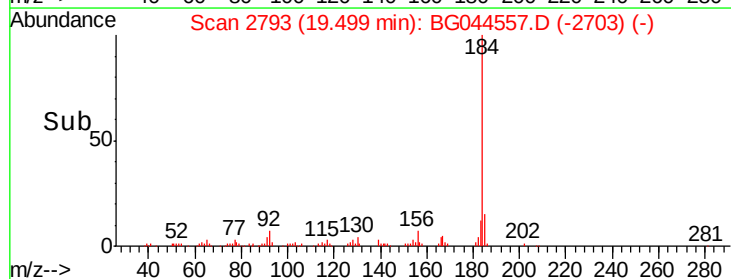
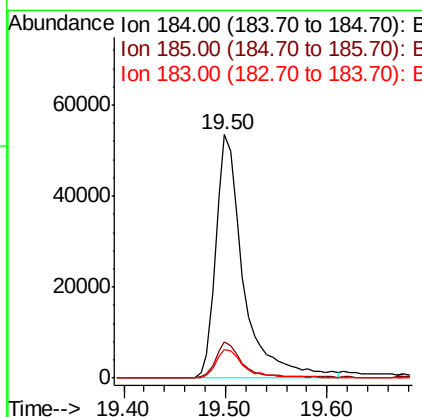
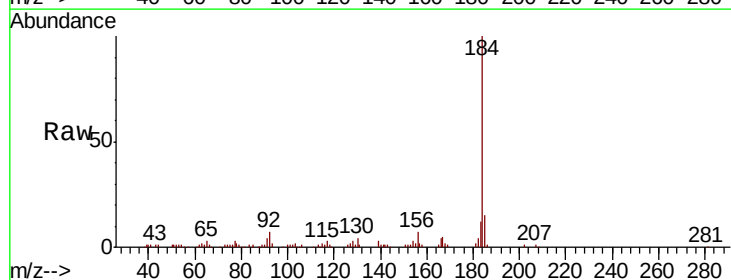
Instrument :  
 BNA\_G  
 ClientSampleId :

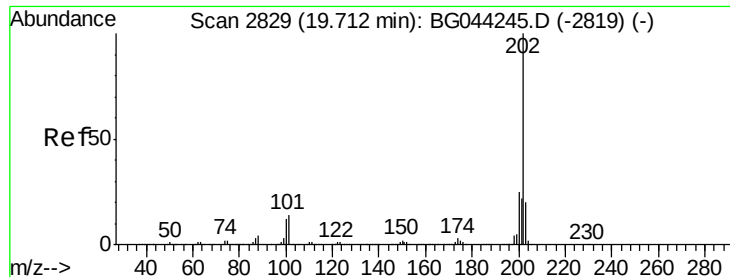
Tot Ion:240 Resp: 404286  
 Ion Ratio Lower Upper  
 240 100  
 120 10.3 8.2 12.2  
 236 27.8 22.0 33.0



#77  
 Benzidine  
 Concen: 9.051 ng  
 RT: 19.50 min Scan# 2793  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

Tgt Ion:184 Resp: 101493  
 Ion Ratio Lower Upper  
 184 100  
 185 15.0 13.0 19.4  
 183 11.6 11.0 16.4

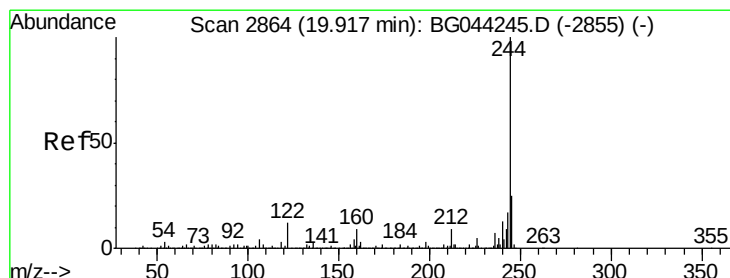
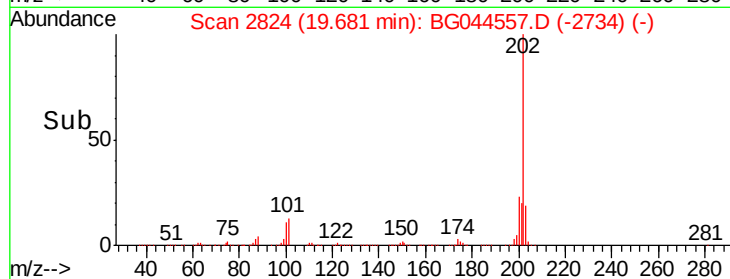
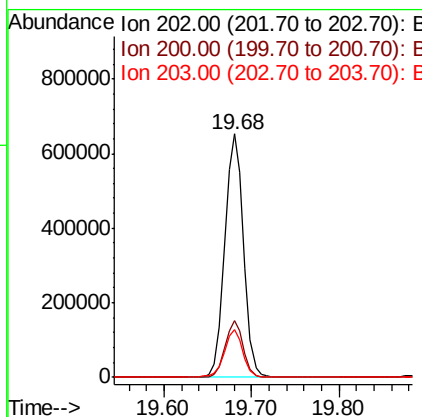
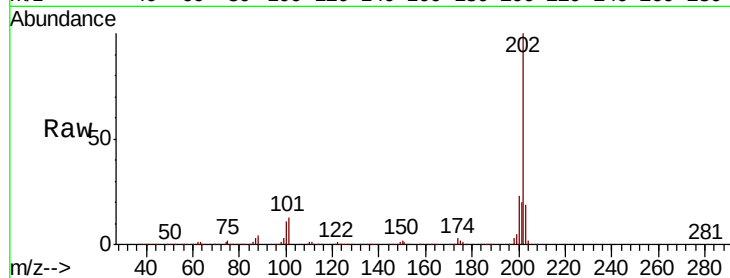




#78  
Pvrene  
Concen: 36.989 ng  
RT: 19.68 min Scan# 2824  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

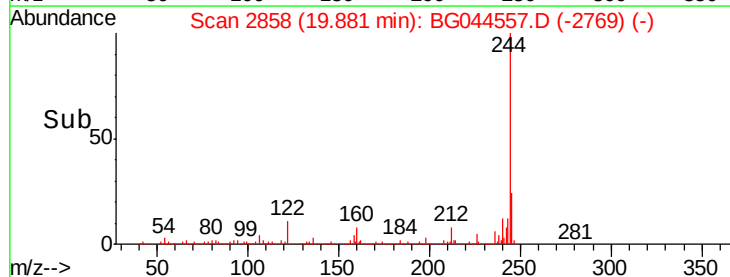
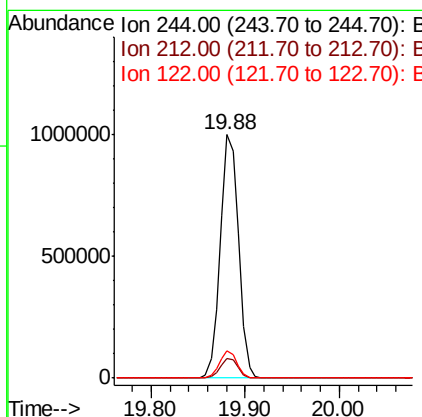
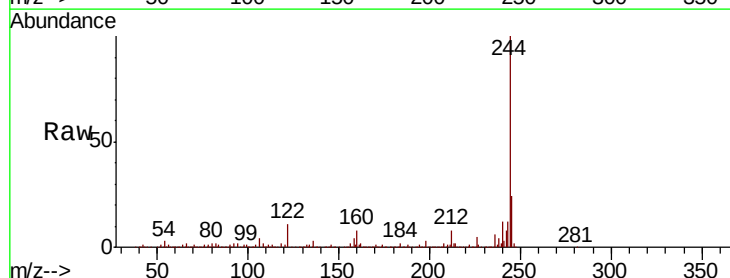
Instrument :  
BNA\_G  
ClientSampled :

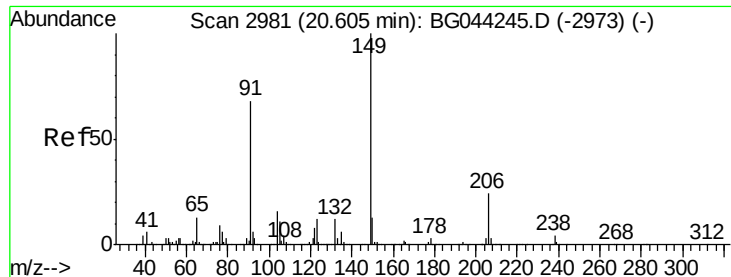
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.3  | 19.7  | 29.5  |
| 203     | 19.5  | 16.8  | 25.2  |



#79  
Terphenyl-d14  
Concen: 69.338 ng  
RT: 19.88 min Scan# 2858  
Delta R.T. -0.01 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.3   | 7.6   | 11.4  |
| 122     | 11.2  | 9.8   | 14.8  |

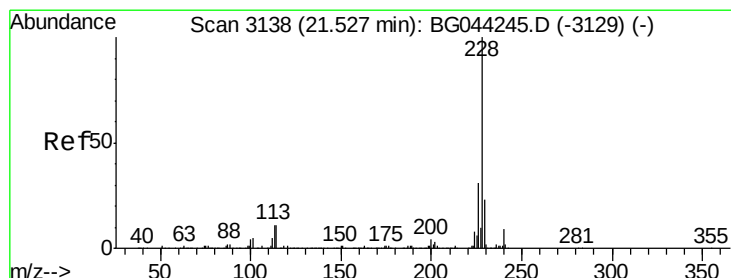
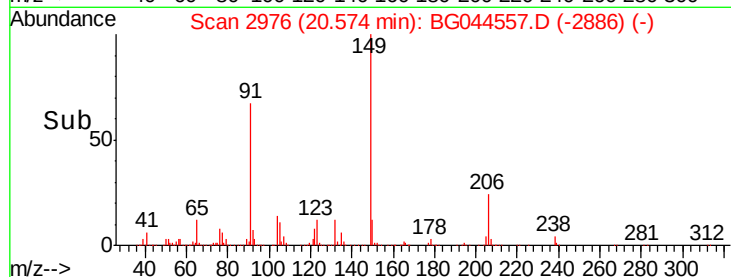
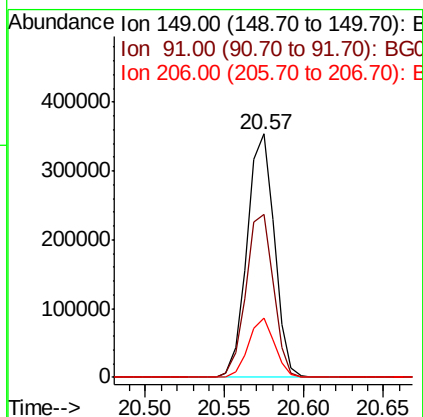
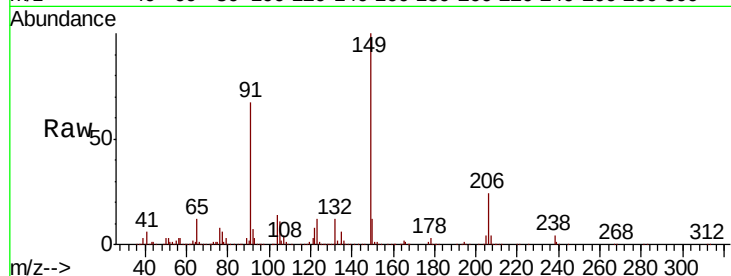




#80  
Butylbenzylphthalate  
Concen: 35.743 ng  
RT: 20.57 min Scan# 2976  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

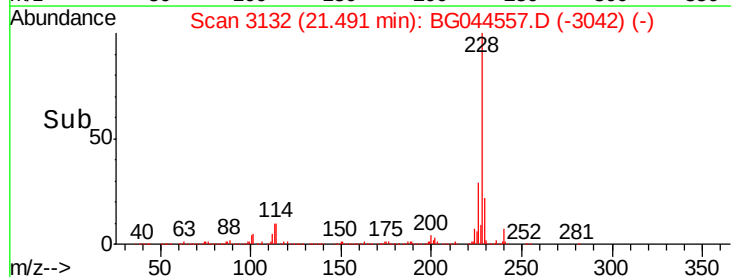
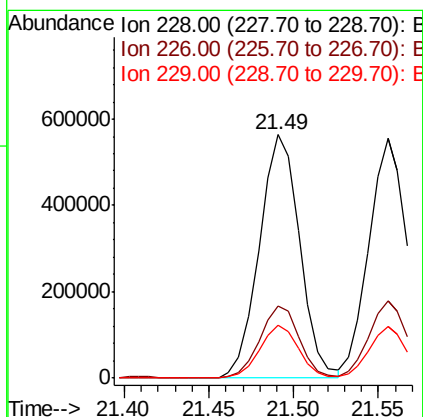
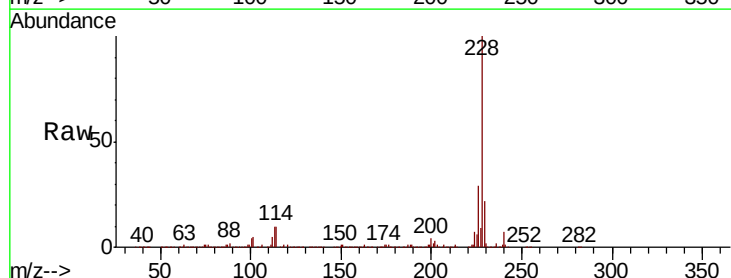
Instrument :  
BNA\_G  
ClientSampleId :

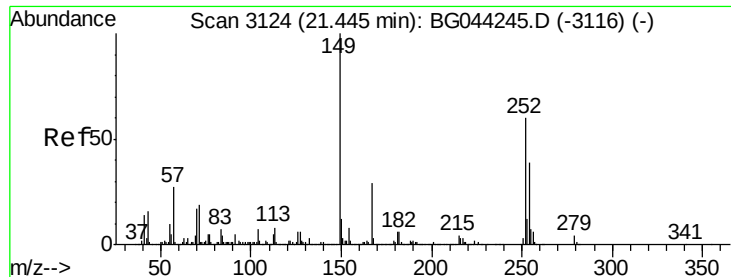
Tot Ion:149 Resp: 422903  
Ion Ratio Lower Upper  
149 100  
91 67.0 55.0 82.4  
206 24.5 20.1 30.1



#81  
Benzo(a)anthracene  
Concen: 37.507 ng  
RT: 21.49 min Scan# 3132  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Tgt Ion:228 Resp: 934548  
Ion Ratio Lower Upper  
228 100  
226 29.4 24.4 36.6  
229 21.8 18.2 27.4





#82

3,3'-Dichlorobenzidine

Concen: 29.240 ng

RT: 21.41 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampled :

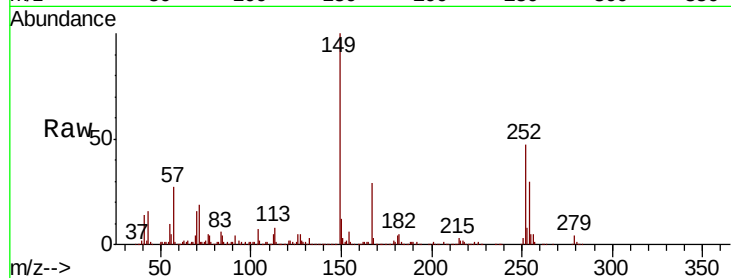
Tot Ion:252 Resp: 282760

Ion Ratio Lower Upper

252 100

254 64.1 54.2 81.4

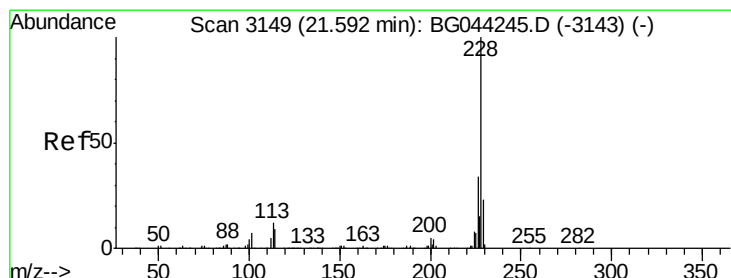
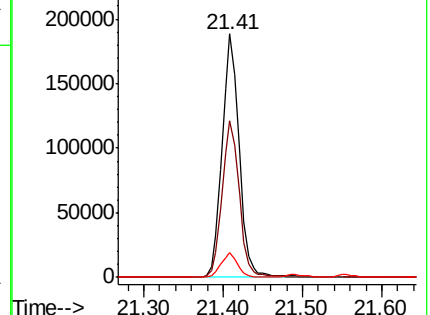
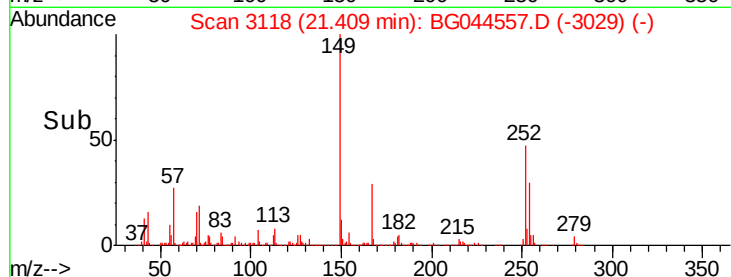
126 9.9 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 36.453 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

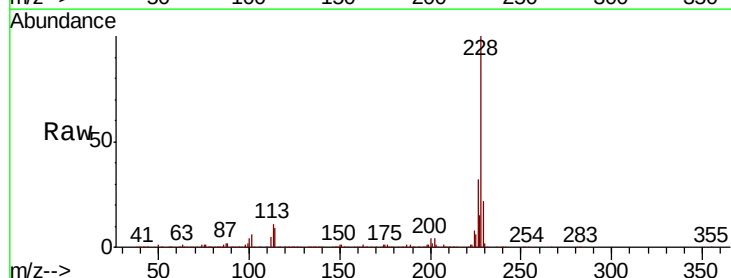
Tgt Ion:228 Resp: 877939

Ion Ratio Lower Upper

228 100

226 32.2 27.7 41.5

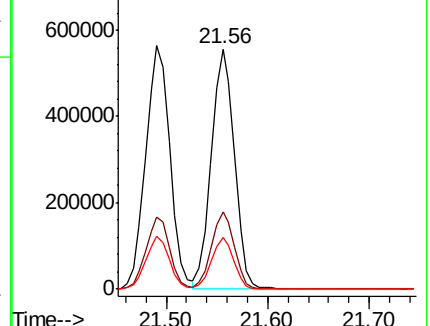
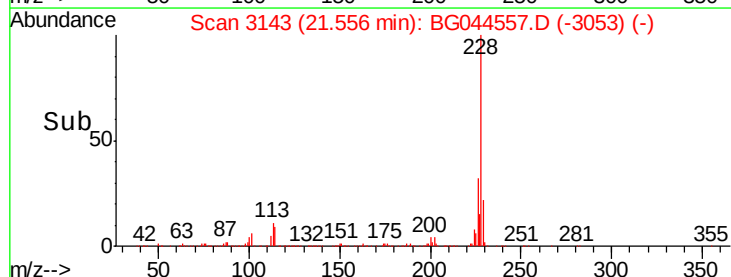
229 21.5 18.2 27.2

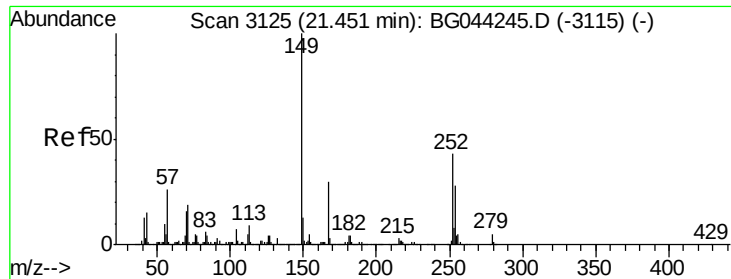


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 36.409 ng

RT: 21.41 min Scan# 3119

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

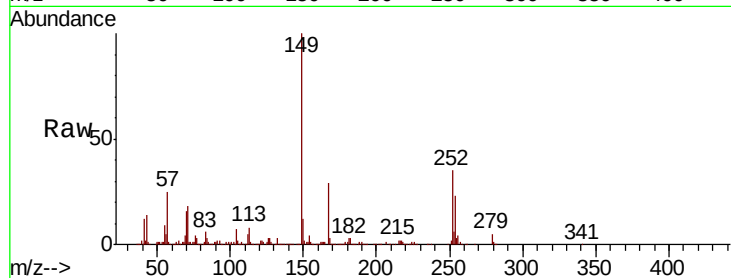
Tot Ion:149 Resp: 592944

Ion Ratio Lower Upper

149 100

167 29.4 24.7 37.1

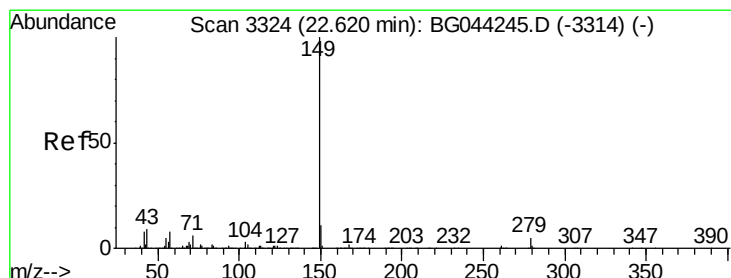
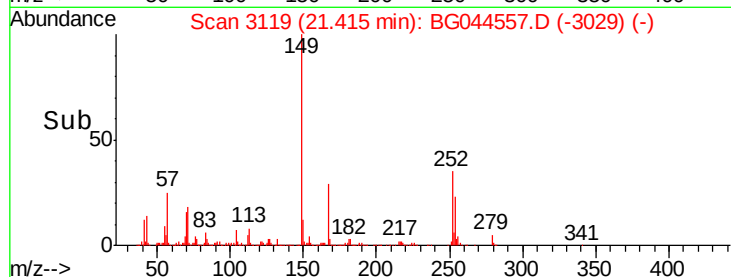
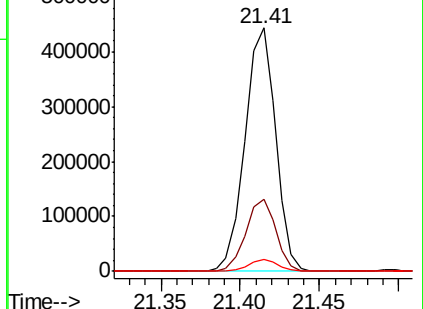
279 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 37.580 ng

RT: 22.57 min Scan# 3316

Delta R.T. 0.00 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

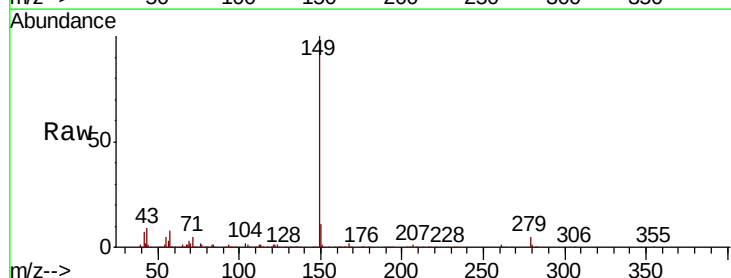
Tgt Ion:149 Resp: 1058924

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

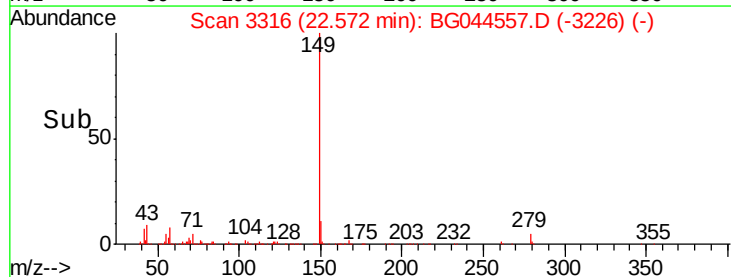
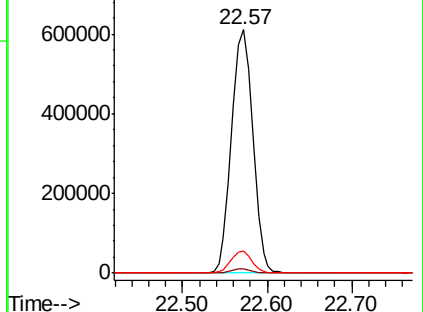
43 8.8 7.6 11.4

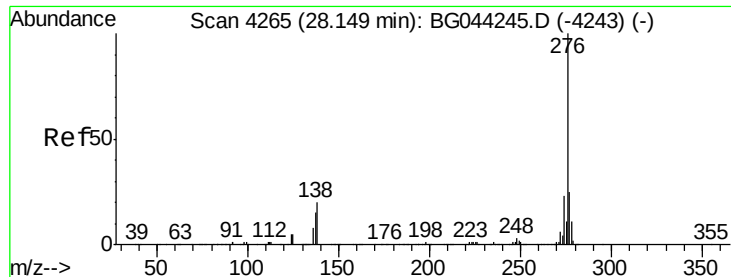


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

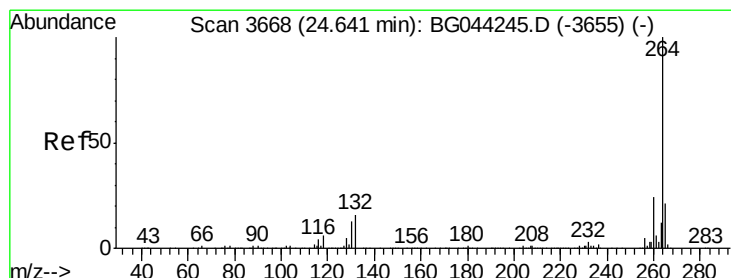
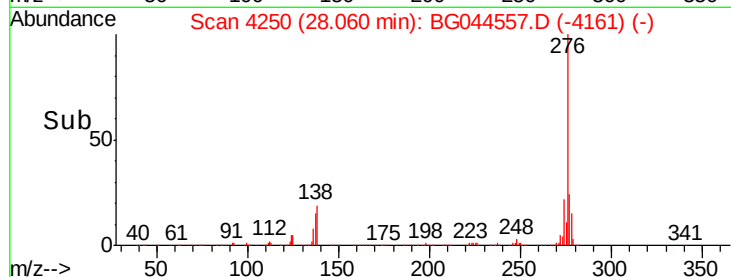
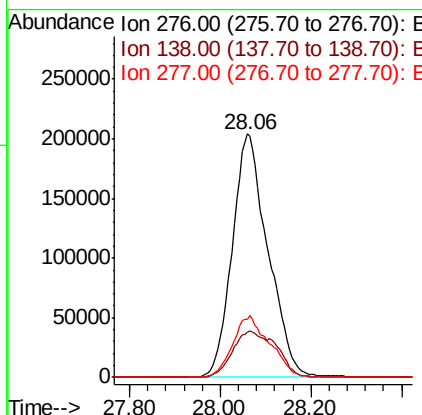
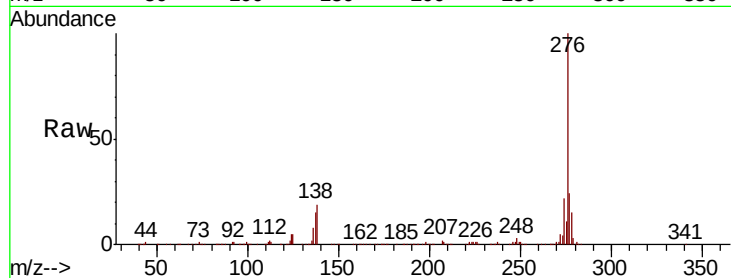




#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.548 ng  
 RT: 28.06 min Scan# 4250  
 Delta R.T. -0.01 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

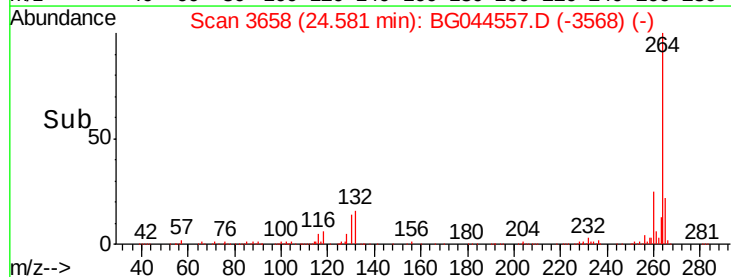
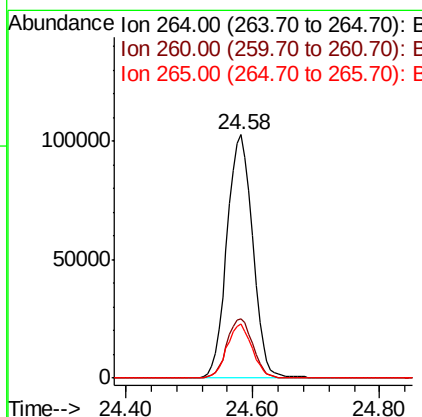
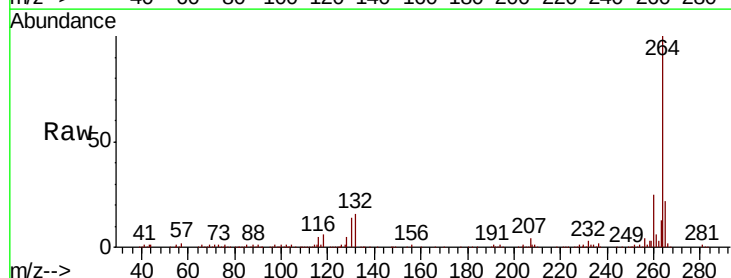
Instrument :  
 BNA\_G  
 ClientSampleId :

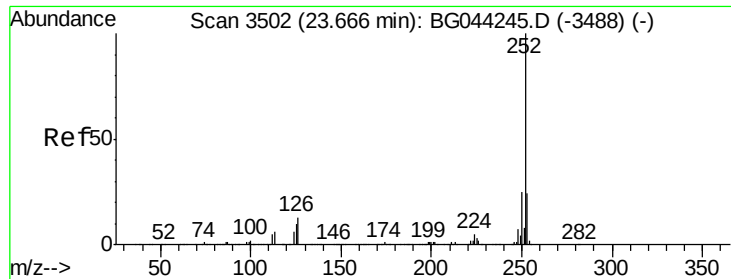
Tot Ion:276 Resp: 1116959  
 Ion Ratio Lower Upper  
 276 100  
 138 16.3 18.7 28.1#  
 277 26.3 21.0 31.6



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.58 min Scan# 3658  
 Delta R.T. 0.00 min  
 Lab File: BG044557.D  
 Acq: 21 Feb 2020 20:14

Tgt Ion:264 Resp: 289554  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.8 29.8  
 265 22.2 17.6 26.4

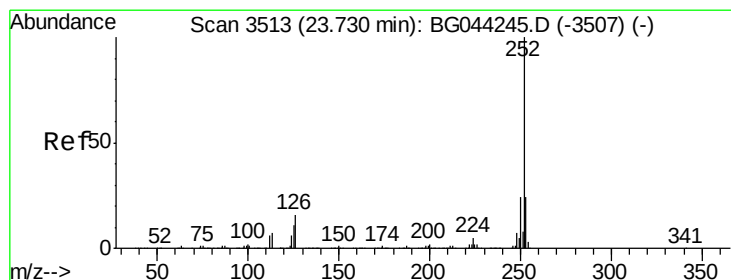
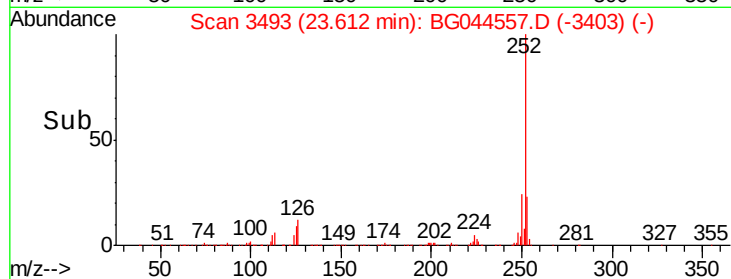
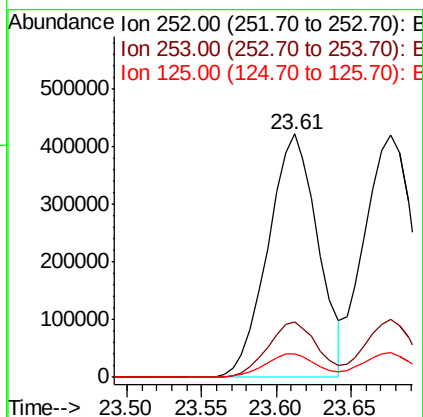
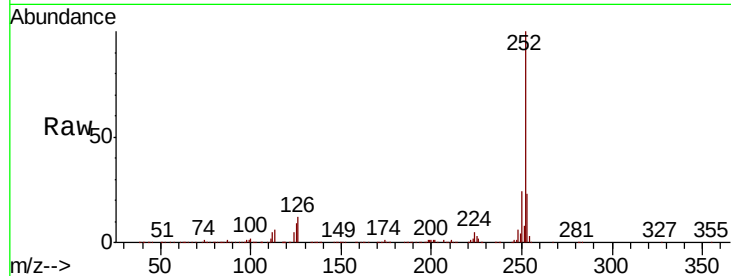




#88  
Benzo(b)fluoranthene  
Concen: 58.784 ng  
RT: 23.61 min Scan# 3493  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

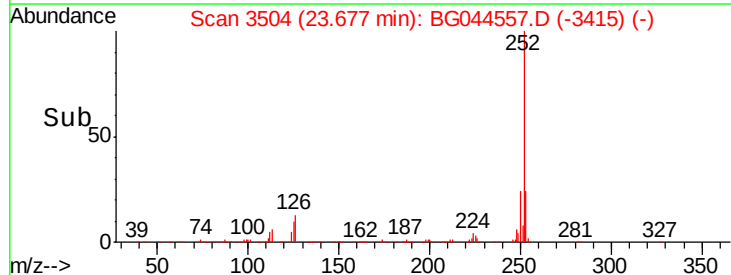
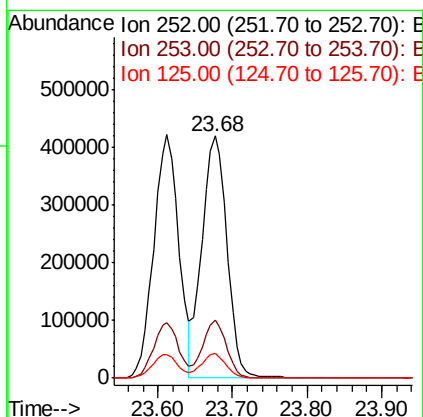
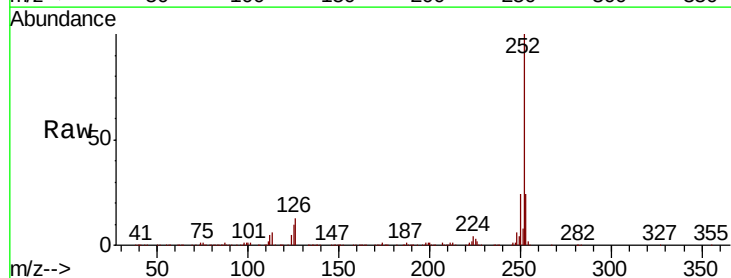
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:252 Resp: 980818  
Ion Ratio Lower Upper  
252 100  
253 23.0 19.1 28.7  
125 9.5 8.1 12.1

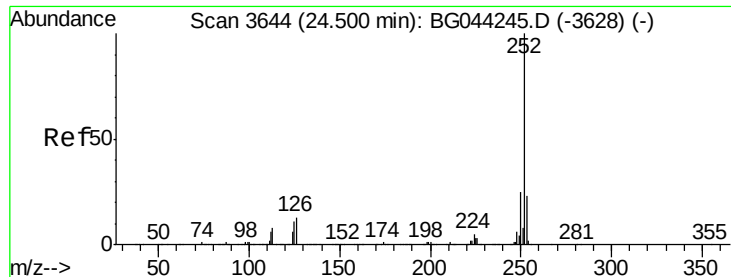


#89  
Benzo(k)fluoranthene  
Concen: 59.964 ng  
RT: 23.68 min Scan# 3504  
Delta R.T. -0.01 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Tgt Ion:252 Resp: 975125  
Ion Ratio Lower Upper  
252 100  
253 24.0 19.6 29.4  
125 10.0 7.9 11.9



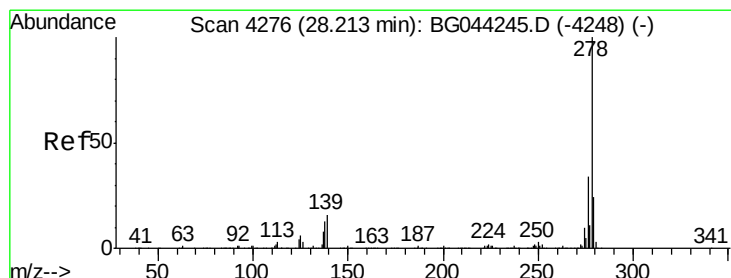
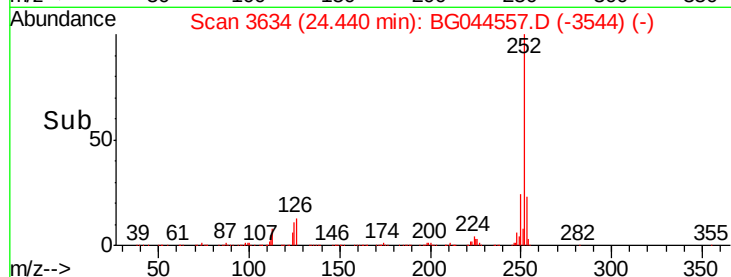
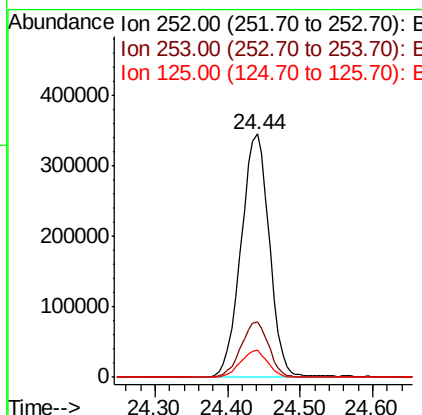
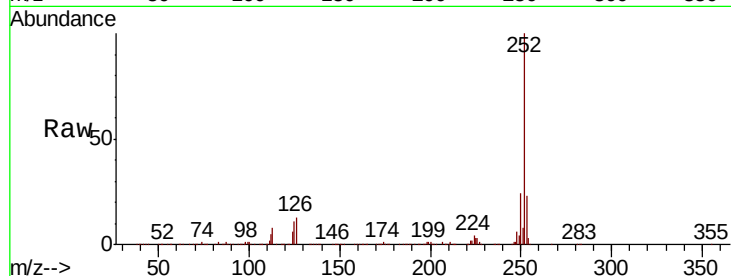




#90  
Benzo(a)pyrene  
Concen: 59.316 ng  
RT: 24.44 min Scan# 3634  
Delta R.T. 0.00 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

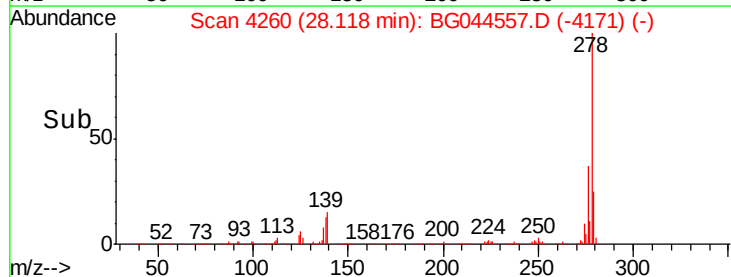
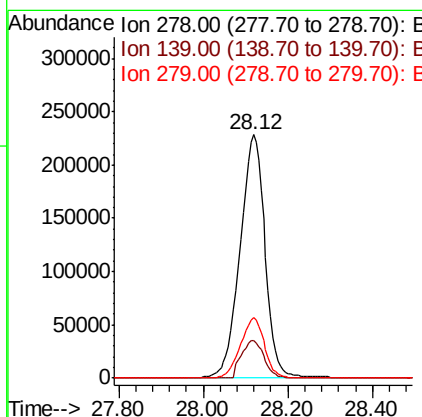
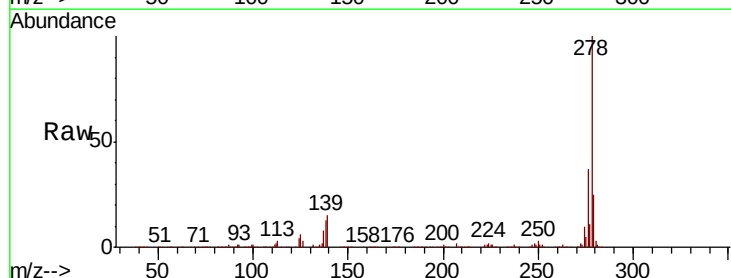
Instrument :  
BNA\_G  
ClientSampleId :

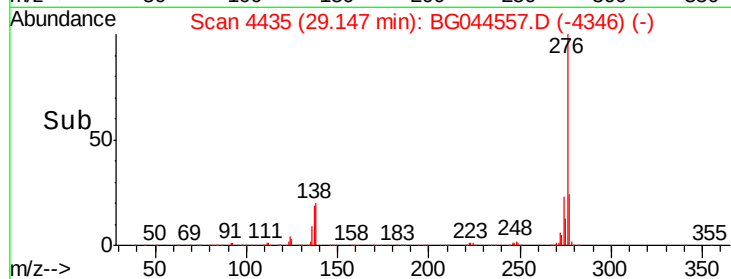
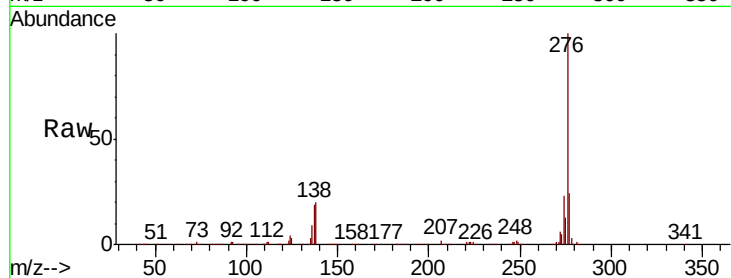
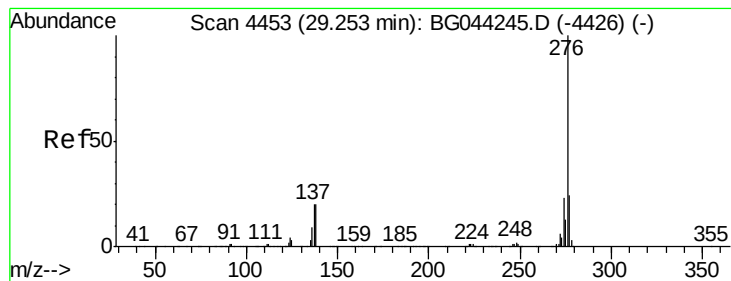
Tot Ion:252 Resp: 935741  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.9 28.3  
125 11.0 8.7 13.1



#91  
Dibenzo(a,h)anthracene  
Concen: 60.040 ng  
RT: 28.12 min Scan# 4260  
Delta R.T. -0.01 min  
Lab File: BG044557.D  
Acq: 21 Feb 2020 20:14

Tgt Ion:278 Resp: 937377  
Ion Ratio Lower Upper  
278 100  
139 15.2 12.7 19.1  
279 24.9 20.2 30.2





#92

Benzo(a,h,i)perylene

Concen: 60.674 ng

RT: 29.15 min Scan# 4435

Delta R.T. -0.01 min

Lab File: BG044557.D

Acq: 21 Feb 2020 20:14

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 276 Resp: 948291

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 19.9 16.4 24.6

