

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\  
 Data File : BG044054.D  
 Acq On : 15 Jan 2020 17:50  
 Operator : JU  
 Sample : PB126104BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126104BS

Manual Integrations  
 APPROVED

mohammad  
 1/16/2020 2:25:51 PM

Quant Time: Jan 16 08:27:21 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 13:32:23 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.94  | 152  | 79083    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.74 | 136  | 347526   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.58 | 164  | 234243   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.32 | 188  | 533489   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.57 | 240  | 460476   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 24.68 | 264  | 522280   | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 405690  | 94.19 | ng | -0.02 |
| 7) Phenol-d6             | 7.11  | 99  | 536034  | 89.03 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.10  | 82  | 521616  | 80.29 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.06 | 330 | 213665  | 87.16 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 13.20 | 172 | 1171264 | 90.59 | ng | -0.02 |
| 79) Terphenyl-d14        | 19.93 | 244 | 1796369 | 97.75 | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.41  | 88  | 88725  | 47.245 | ng | 96     |
| 3) Pyridine                    | 3.80  | 79  | 216881 | 39.093 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.72  | 42  | 102498 | 41.497 | ng | # 90   |
| 6) Aniline                     | 7.26  | 93  | 266684 | 33.725 | ng | 97     |
| 8) 2-Chlorophenol              | 7.51  | 128 | 250470 | 49.535 | ng | 98     |
| 9) Benzaldehyde                | 7.07  | 77  | 145451 | 37.747 | ng | 98     |
| 10) Phenol                     | 7.14  | 94  | 312604 | 50.395 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.36  | 93  | 227269 | 42.445 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.83  | 146 | 256446 | 43.340 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.98  | 146 | 261078 | 44.719 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.29  | 146 | 243590 | 43.469 | ng | 100    |
| 15) Benzyl Alcohol             | 8.18  | 79  | 207585 | 43.688 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.47  | 45  | 303845 | 36.679 | ng | 99     |
| 17) 2-Methylphenol             | 8.39  | 107 | 213362 | 47.531 | ng | 99     |
| 18) Hexachloroethane           | 9.03  | 117 | 95789  | 42.166 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.75  | 70  | 177424 | 39.572 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.72  | 107 | 295647 | 47.212 | ng | 97     |
| 22) Acetophenone               | 8.76  | 105 | 338630 | 39.194 | ng | # 99   |
| 24) Nitrobenzene               | 9.14  | 77  | 252221 | 39.201 | ng | 98     |
| 25) Isophorone                 | 9.66  | 82  | 481598 | 39.515 | ng | 100    |
| 26) 2-Nitrophenol              | 9.85  | 139 | 139372 | 45.785 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 9.92  | 122 | 239943 | 52.364 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.15 | 93  | 312556 | 38.467 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.39 | 162 | 249384 | 45.626 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.61 | 180 | 242113 | 39.506 | ng | 96     |
| 31) Naphthalene                | 10.79 | 128 | 723371 | 43.014 | ng | 99     |
| 32) Benzoic acid               | 10.06 | 122 | 125457 | 35.496 | ng | 97     |
| 33) 4-Chloroaniline            | 10.90 | 127 | 182130 | 22.706 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.09 | 225 | 139095 | 37.173 | ng | 96     |
| 35) Caprolactam                | 11.66 | 113 | 96773m | 47.560 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.03 | 107 | 266585 | 45.815 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.40 | 142 | 543179 | 42.901 | ng | 96     |
| 38) 1-Methylnaphthalene        | 12.62 | 142 | 512300 | 42.693 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.77 | 216 | 256157 | 37.310 | ng | 99     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 13:32:23 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.76 | 237  | 345256   | 96.998 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.01 | 196  | 200650   | 42.473 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.08 | 196  | 218385   | 44.821 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.41 | 154  | 689118   | 41.031 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.45 | 162  | 542652   | 39.985 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.65 | 65   | 168467   | 38.590 | nq    | 96       |
| 49) Acenaphthylene             | 14.30 | 152  | 874270   | 44.820 | nq    | 98       |
| 50) Dimethylphthalate          | 14.03 | 163  | 717965   | 43.167 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.15 | 165  | 163742   | 43.557 | nq    | 92       |
| 52) Acenaphthene               | 14.64 | 154  | 548759   | 40.116 | nq    | 98       |
| 53) 3-Nitroaniline             | 14.48 | 138  | 115595   | 27.078 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 14.68 | 184  | 184404   | 95.170 | nq    | 97       |
| 55) Dibenzofuran               | 14.97 | 168  | 841101   | 44.665 | nq    | 97       |
| 56) 4-Nitrophenol              | 14.79 | 139  | 315241   | 96.365 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.93 | 165  | 234568   | 45.857 | nq    | 95       |
| 58) Fluorene                   | 15.62 | 166  | 661756   | 44.337 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.20 | 232  | 194799   | 46.495 | nq    | 97       |
| 60) Diethylphthalate           | 15.40 | 149  | 724231   | 43.535 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.62 | 204  | 341869   | 42.182 | nq    | 98       |
| 62) 4-Nitroaniline             | 15.64 | 138  | 167447   | 39.720 | nq    | 94       |
| 63) Azobenzene                 | 15.91 | 77   | 655397   | 42.482 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.70 | 198  | 139121   | 50.375 | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.83 | 169  | 637524   | 40.579 | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.51 | 248  | 224283   | 37.380 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.63 | 284  | 245261   | 37.935 | nq    | 99       |
| 69) Atrazine                   | 16.78 | 200  | 245597   | 48.092 | nq    | 99       |
| 70) Pentachlorophenol          | 16.97 | 266  | 291768   | 81.865 | nq    | 98       |
| 71) Phenanthrene               | 17.36 | 178  | 1094183  | 42.760 | nq    | 98       |
| 72) Anthracene                 | 17.45 | 178  | 1127753  | 44.594 | nq    | 97       |
| 73) Carbazole                  | 17.72 | 167  | 1027697  | 43.994 | nq    | 96       |
| 74) Di-n-butylphthalate        | 18.29 | 149  | 1253087  | 42.015 | nq    | 96       |
| 75) Fluoranthene               | 19.37 | 202  | 1262551  | 43.143 | nq    | 97       |
| 77) Benzidine                  | 19.55 | 184  | 575323   | 49.707 | nq    | 99       |
| 78) Pyrene                     | 19.73 | 202  | 1286359  | 42.797 | nq    | 96       |
| 80) Butylbenzylphthalate       | 20.62 | 149  | 586863   | 41.011 | nq    | 96       |
| 81) Benzo(a)anthracene         | 21.55 | 228  | 1202676  | 42.121 | nq    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.46 | 252  | 337097   | 29.883 | nq    | 99       |
| 83) Chrysene                   | 21.61 | 228  | 1156742  | 42.636 | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.47 | 149  | 825099   | 41.788 | nq    | 96       |
| 85) Di-n-octyl phthalate       | 22.65 | 149  | 1415204  | 42.634 | nq    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.21 | 276  | 1472718  | 39.943 | nq    | # 92     |
| 88) Benzo(b)fluoranthene       | 23.69 | 252  | 1268358  | 41.079 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 23.76 | 252  | 1241697  | 42.291 | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.53 | 252  | 1174686  | 40.310 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.27 | 278  | 1207969  | 41.275 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.32 | 276  | 1233990  | 42.448 | nq    | 98       |

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





#1

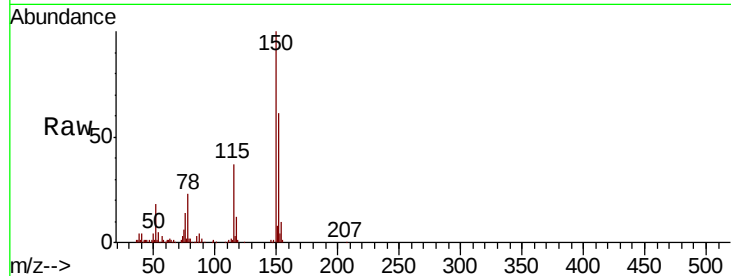
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.94 min Scan# 826  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleID :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 163.2 | 127.0 | 190.4 |
| 115     | 60.6  | 47.8  | 71.8  |

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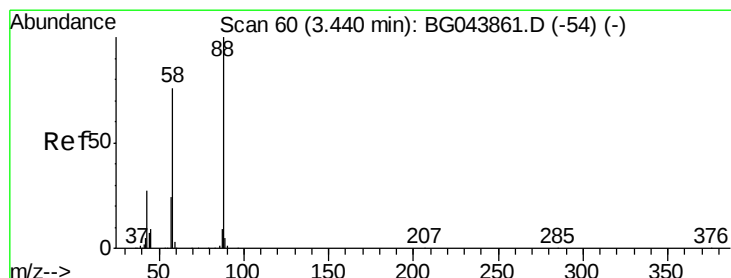
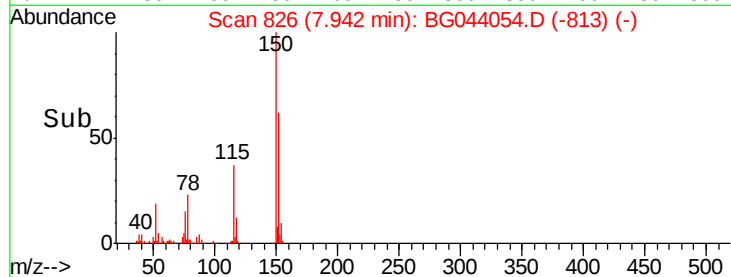
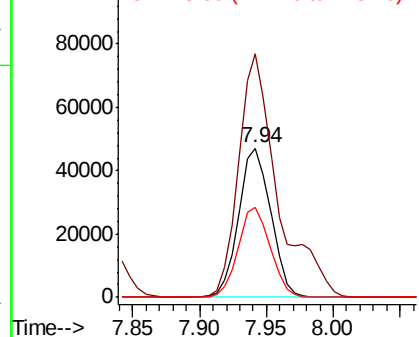


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

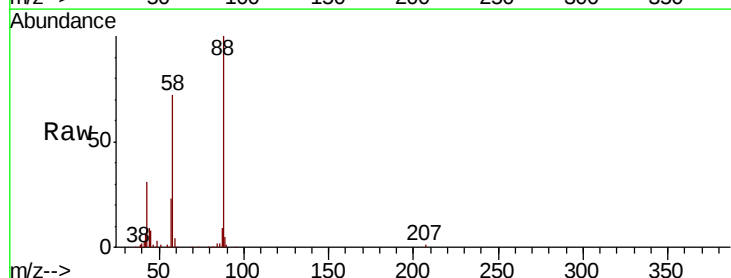
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 47.245 ng  
RT: 3.41 min Scan# 54  
Delta R.T. -0.03 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.2  | 59.8  | 89.8  |
| 43      | 29.6  | 22.9  | 34.3  |

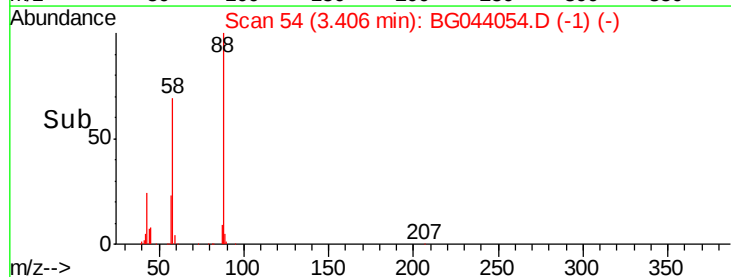
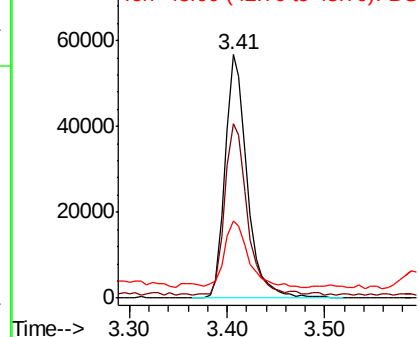


Abundance

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: 39.093 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.03 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA\_G

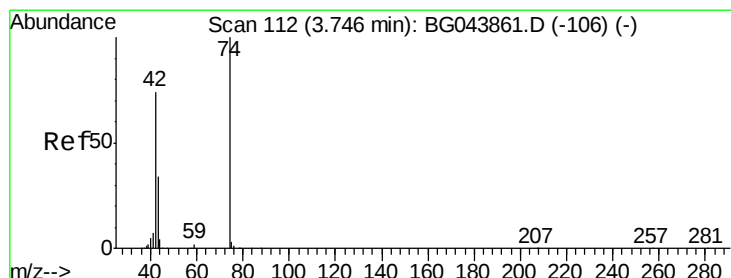
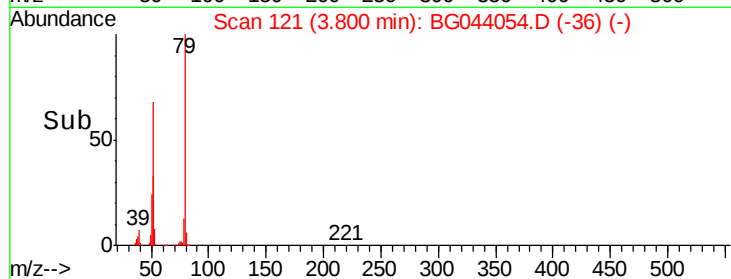
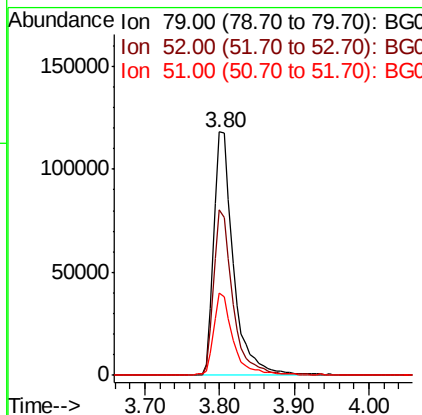
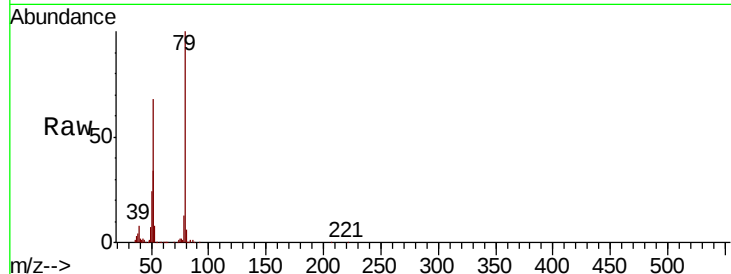
ClientSampleId :

PB126104BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 216881 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 67.9  | 58.9  | 88.3   |
| 51        | 33.6  | 28.6  | 43.0   |

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#4

n-Nitrosodimethylamine

Concen: 41.497 ng

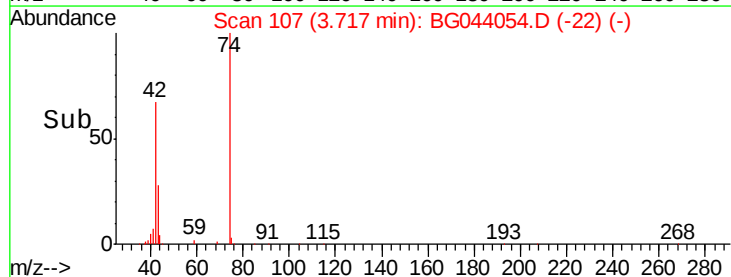
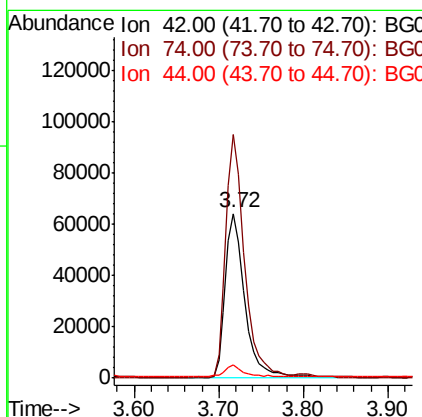
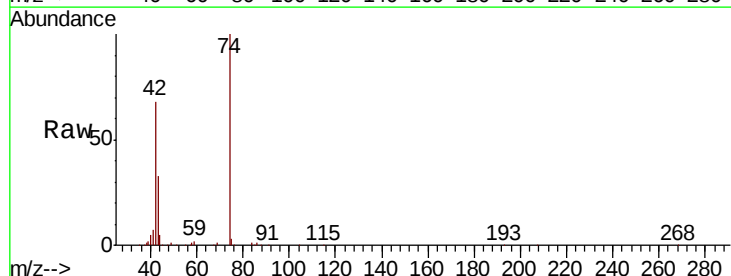
RT: 3.72 min Scan# 107

Delta R.T. -0.03 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 102498 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 147.8 | 108.6 | 162.8  |
| 44        | 7.8   | 5.0   | 7.6#   |





#5

2-Fluorophenol

Concen: 94.192 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA\_G

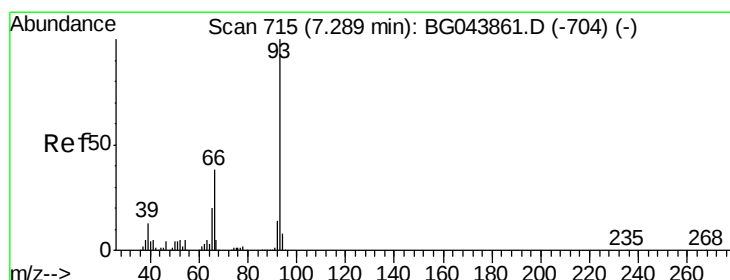
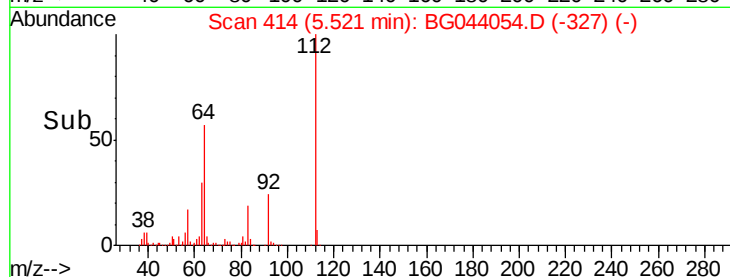
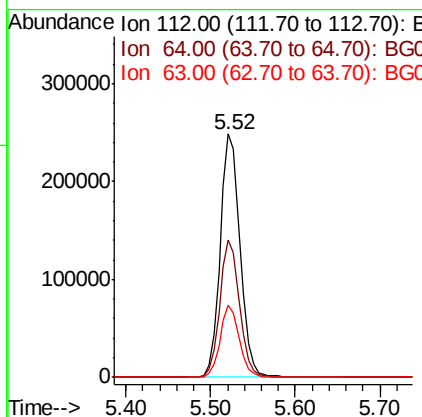
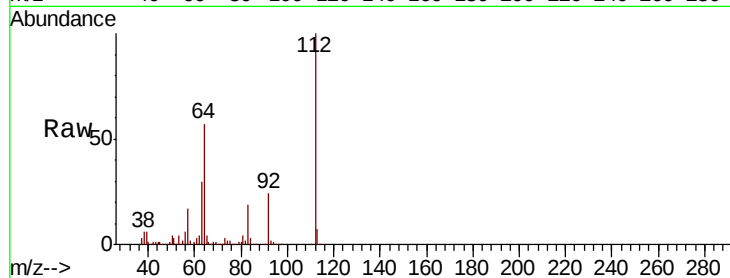
ClientSampleId :

PB126104BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 405690 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 56.7  | 47.8  | 71.6   |
| 63        | 29.6  | 24.3  | 36.5   |

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#6

Aniline

Concen: 33.725 ng

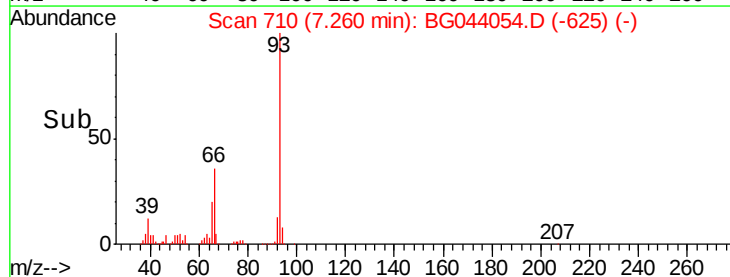
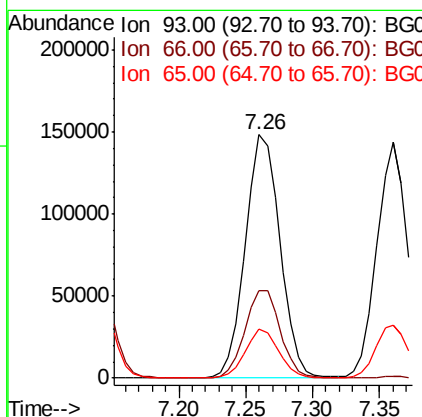
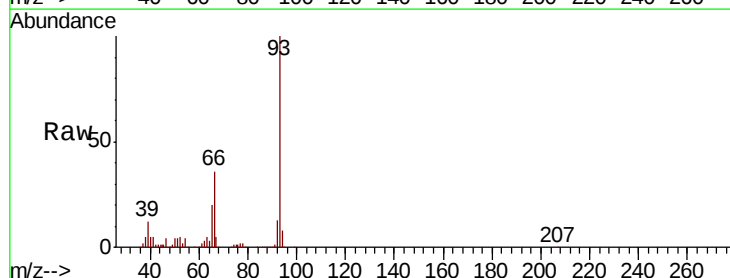
RT: 7.26 min Scan# 710

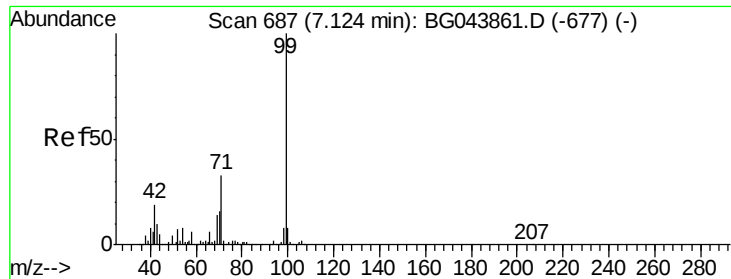
Delta R.T. -0.03 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 266684 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 36.2  | 30.8  | 46.2   |
| 65        | 20.0  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 89.035 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA\_G

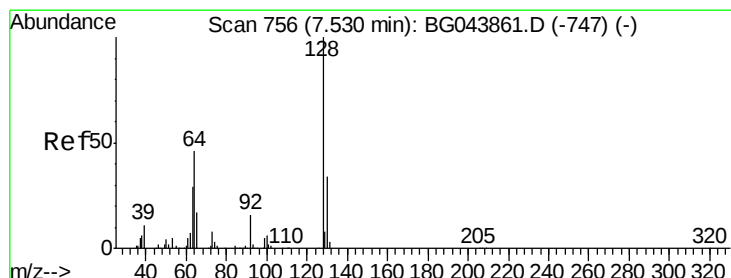
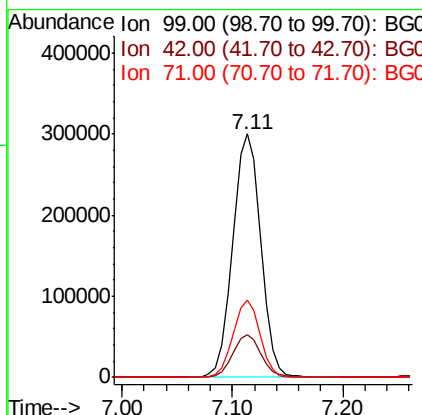
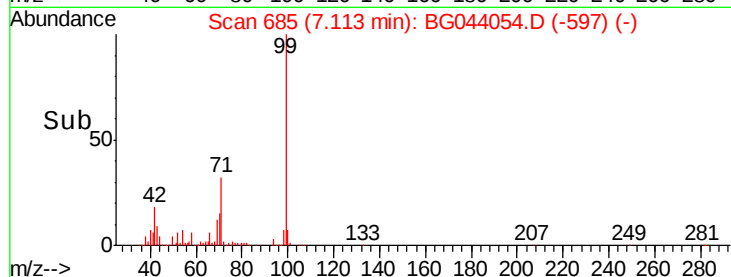
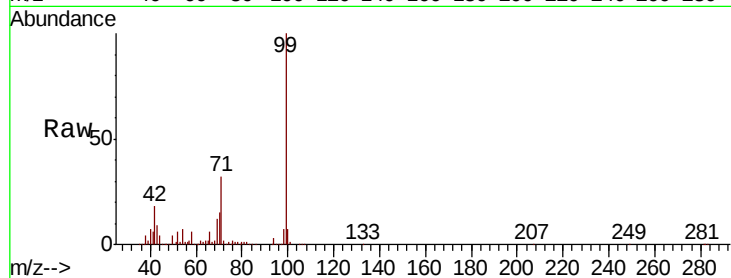
ClientSampleId :

PB126104BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 536034 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.6  | 14.9  | 22.3   |
| 71        | 31.8  | 26.4  | 39.6   |

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#8

2-Chlorophenol

Concen: 49.535 ng

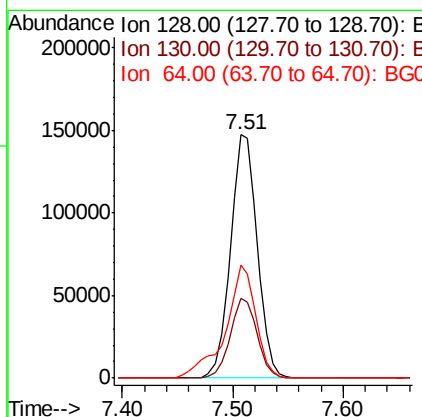
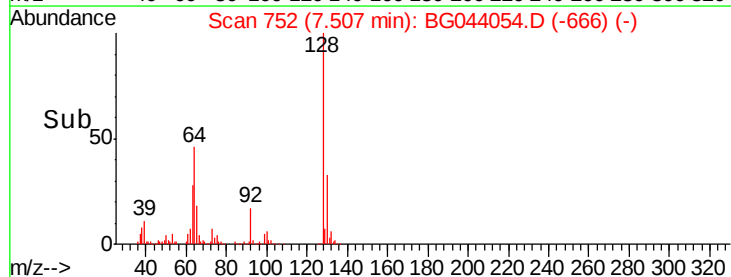
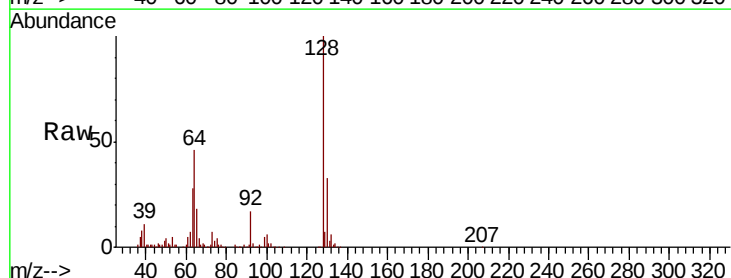
RT: 7.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 250470 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.7  | 13.8  | 53.8   |
| 64        | 46.2  | 27.6  | 67.6   |





#9

Benzaldehyde

Concen: 37.747 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA\_G

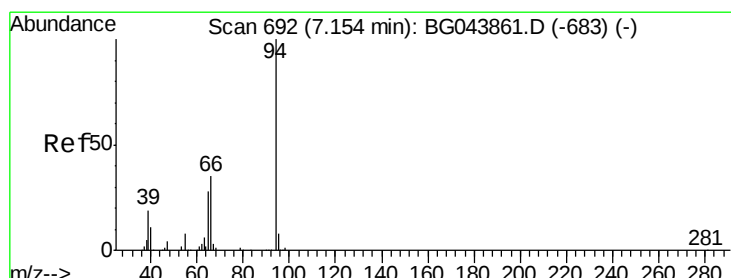
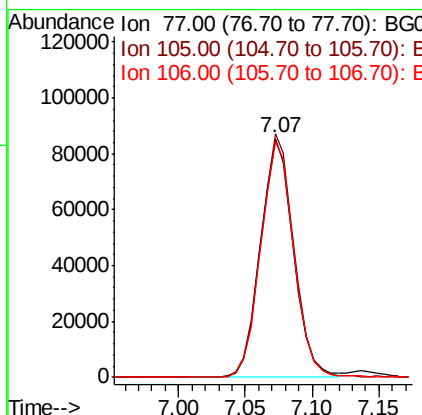
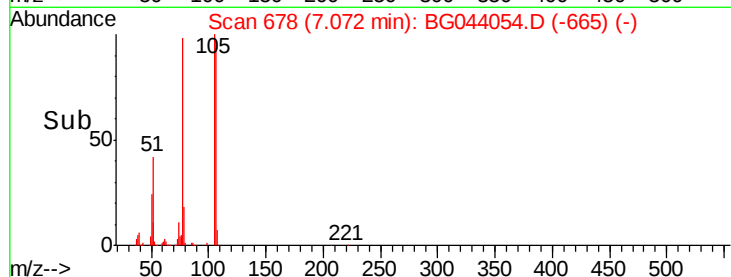
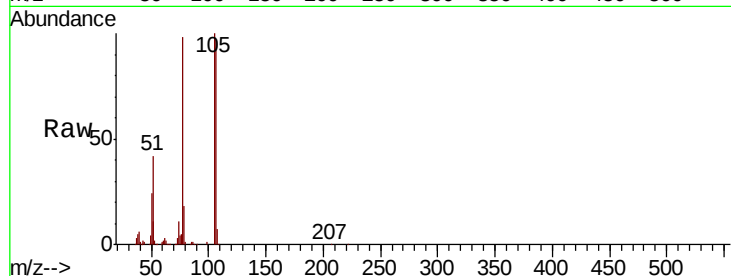
ClientSampleId :

PB126104BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 145451 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 102.0 | 80.2  | 120.2  |
| 106      | 98.8  | 77.2  | 117.2  |

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#10

Phenol

Concen: 50.395 ng

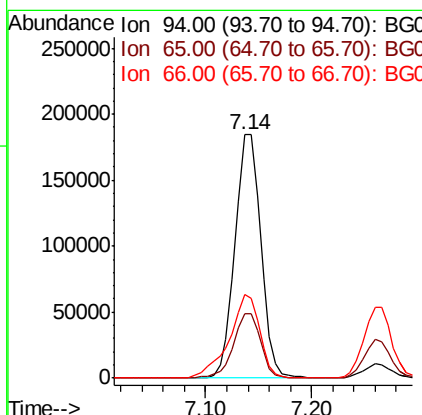
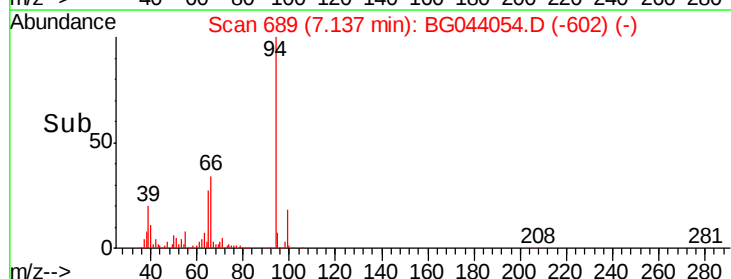
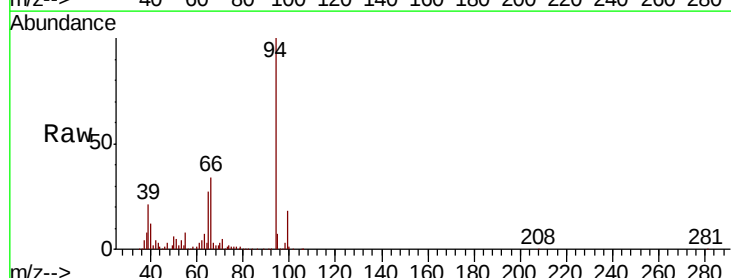
RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 312604 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 26.7  | 8.1   | 48.1   |
| 66       | 34.3  | 15.6  | 55.6   |





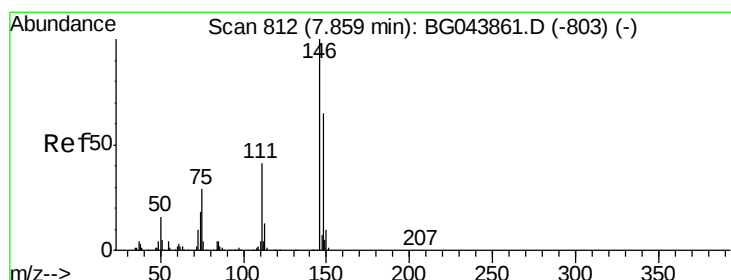
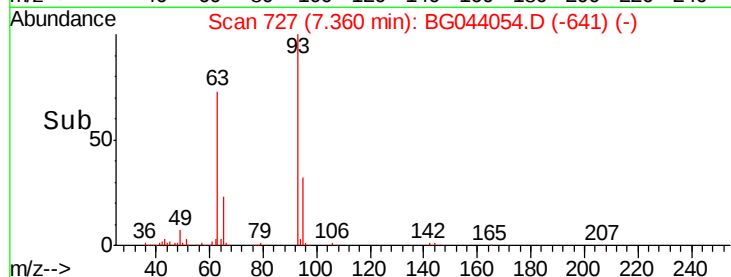
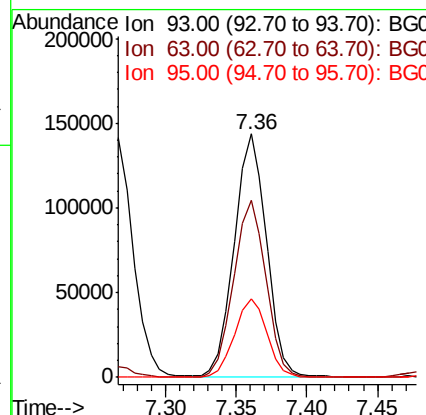
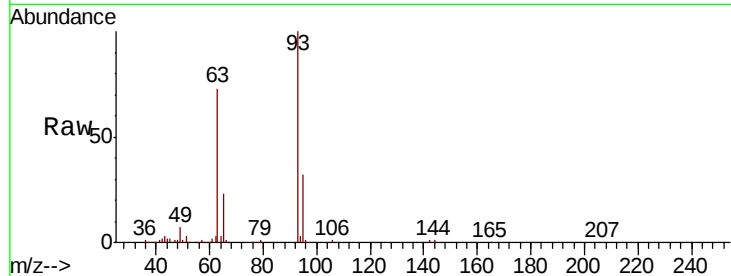
#11  
bis(2-Chloroethyl)ether  
Concen: 42.445 ng  
RT: 7.36 min Scan# 727  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 227269 |       |       |
| 63      | 72.7  |        | 55.0  | 95.0  |
| 95      | 32.1  |        | 13.3  | 53.3  |

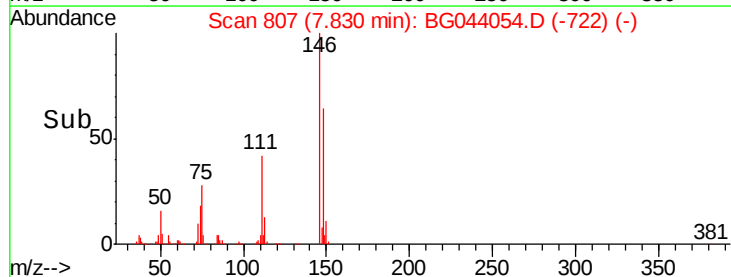
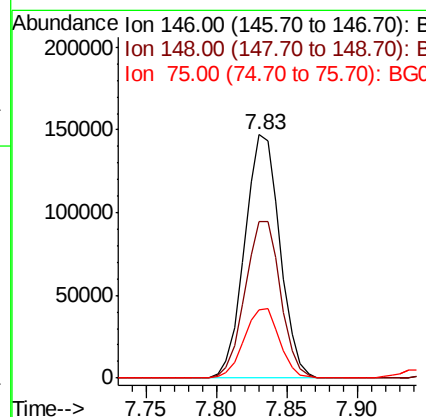
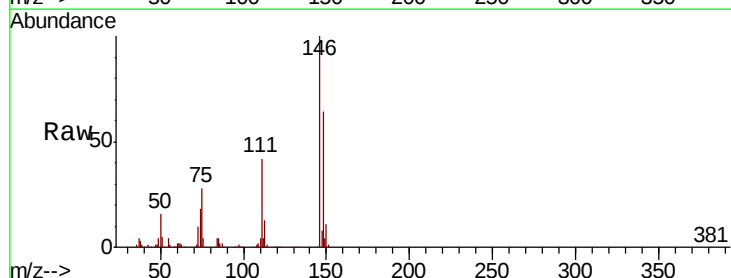
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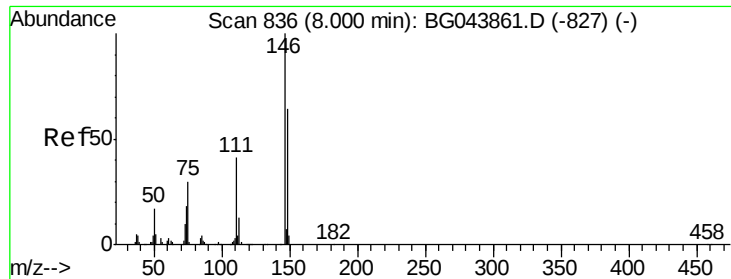
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#12  
1,3-Dichlorobenzene  
Concen: 43.340 ng  
RT: 7.83 min Scan# 807  
Delta R.T. -0.03 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 256446 |       |       |
| 148     | 64.1  |        | 52.1  | 78.1  |
| 75      | 28.2  |        | 23.0  | 34.4  |





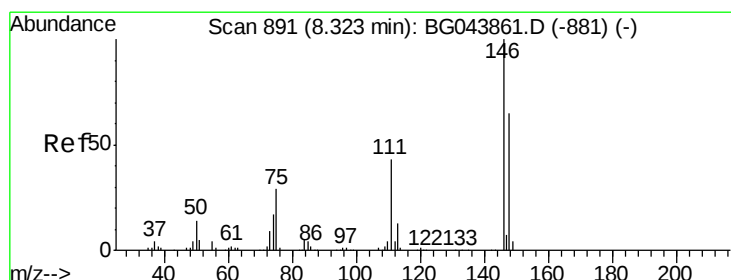
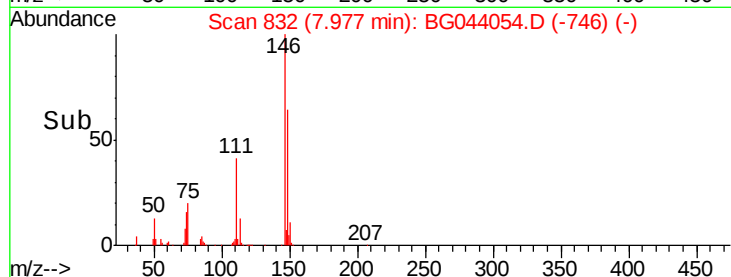
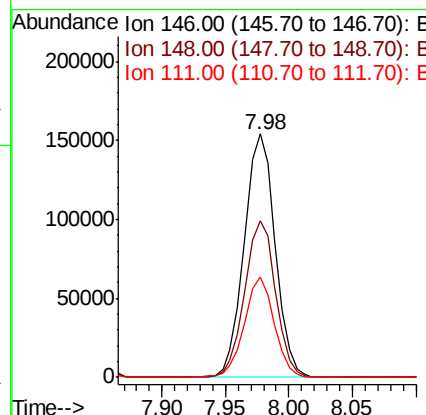
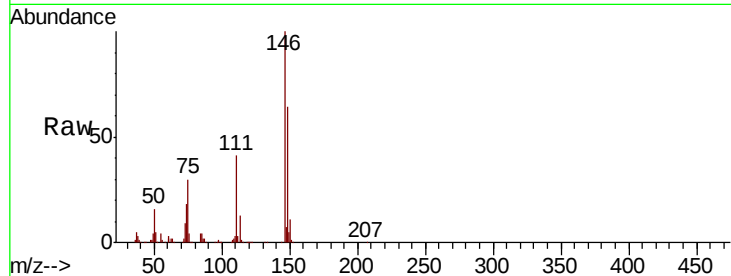
#13  
1,4-Dichlorobenzene  
Concen: 44.719 ng  
RT: 7.98 min Scan# 832  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 51.2  | 76.8  |
| 111     | 41.3  | 33.1  | 49.7  |

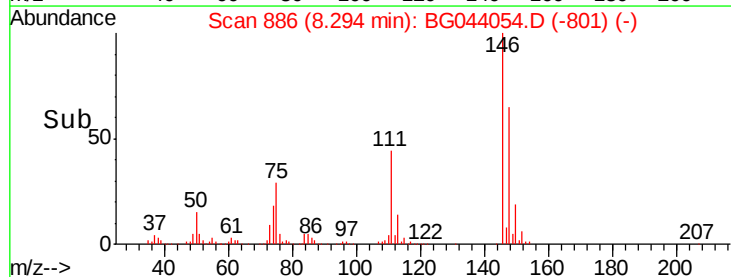
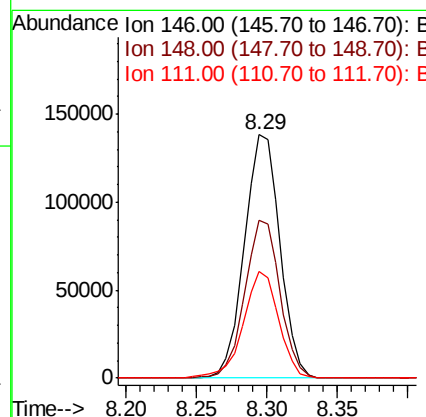
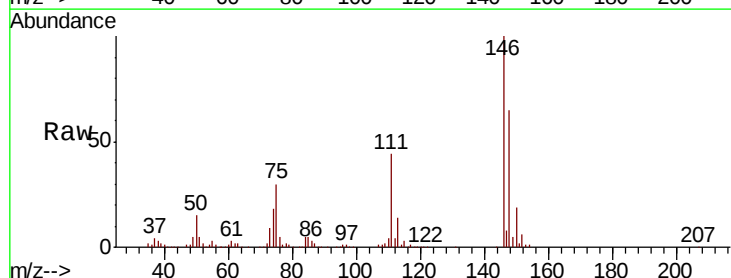
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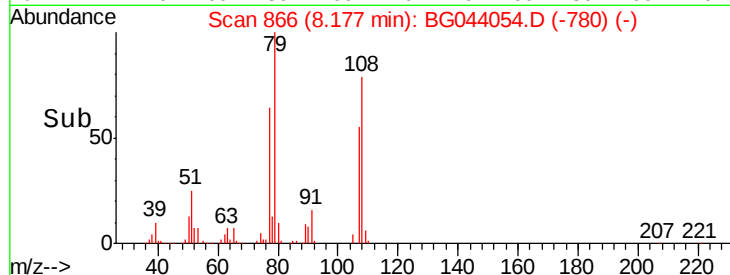
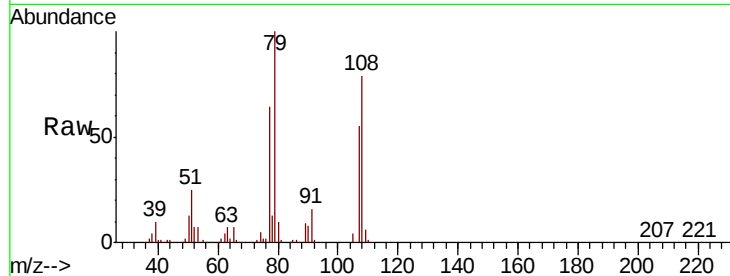
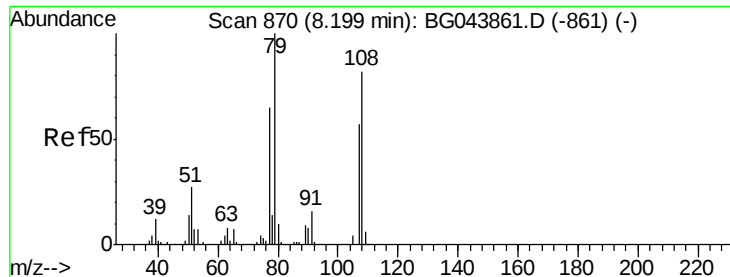
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#14  
1,2-Dichlorobenzene  
Concen: 43.469 ng  
RT: 8.29 min Scan# 886  
Delta R.T. -0.03 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 51.7  | 77.5  |
| 111     | 43.7  | 34.4  | 51.6  |





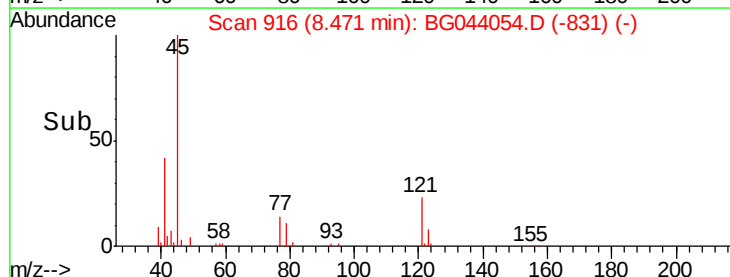
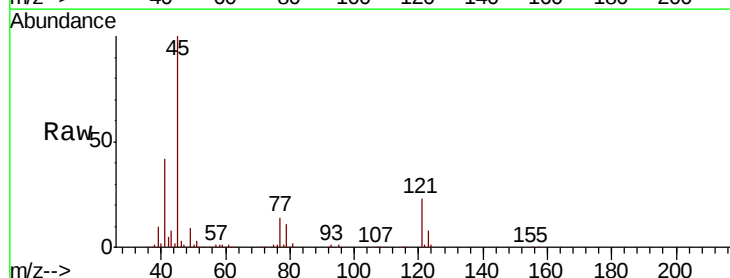
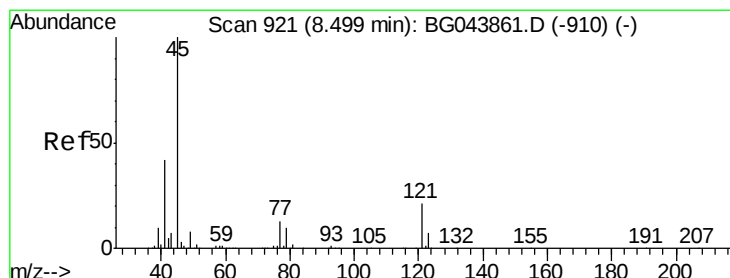
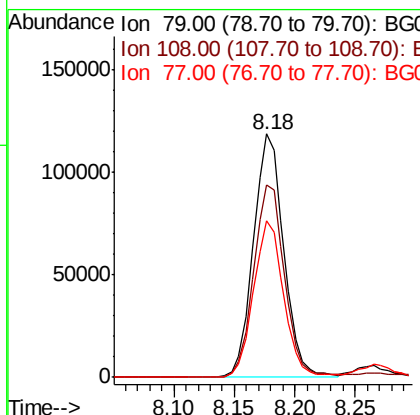
#15  
Benzyl Alcohol  
Concen: 43.688 ng  
RT: 8.18 min Scan# 866  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 108     | 79.0  | 65.6 | 98.4  |       |
| 77      | 64.4  | 52.0 | 78.0  |       |

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

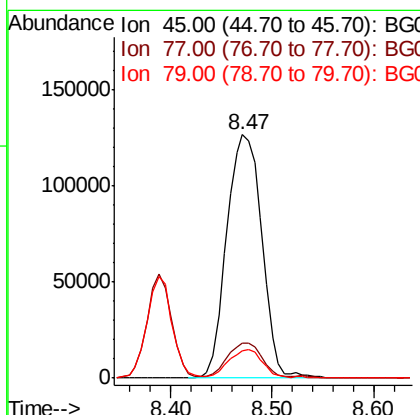
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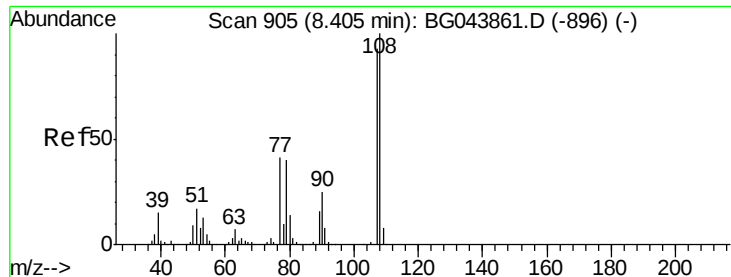
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.679 ng  
RT: 8.47 min Scan# 916  
Delta R.T. -0.03 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 45      | 100   |      |       |       |
| 77      | 14.2  | 0.0  | 33.8  |       |
| 79      | 11.3  | 0.0  | 31.0  |       |





#17

2-Methylphenol

Concen: 47.531 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA\_G

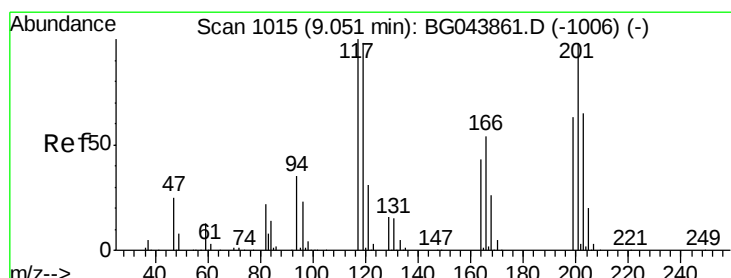
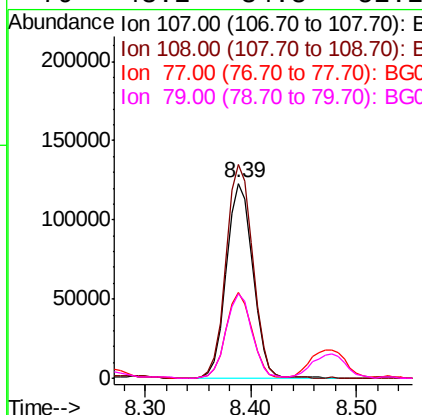
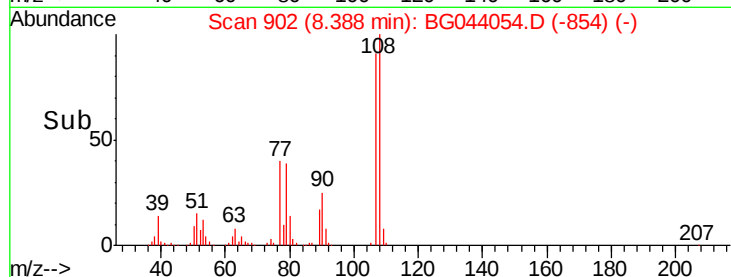
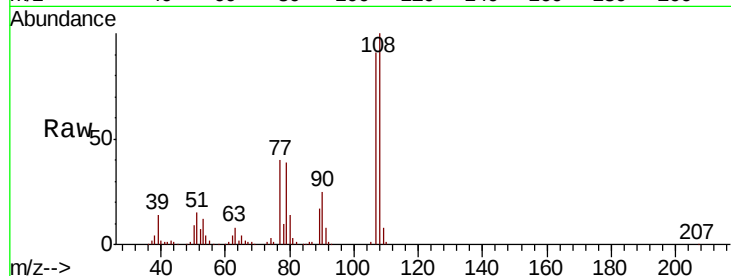
ClientSampleId :

PB126104BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 109.8 | 86.1 | 129.1 |       |
| 77      | 44.1  | 35.4 | 53.0  |       |
| 79      | 43.2  | 34.8 | 52.2  |       |

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#18

Hexachloroethane

Concen: 42.166 ng

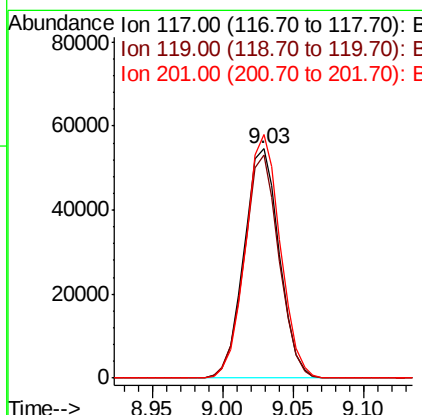
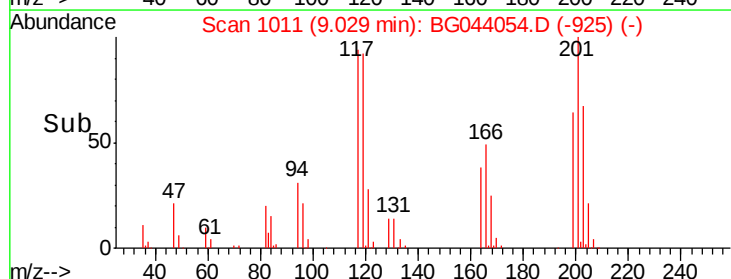
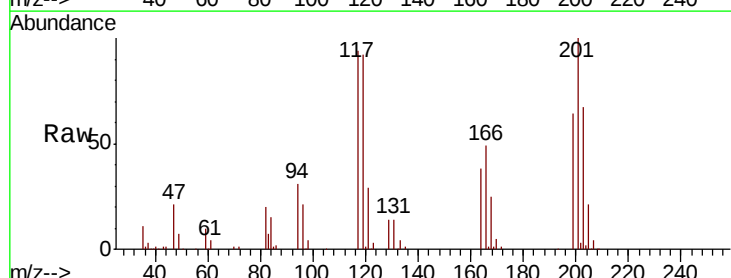
RT: 9.03 min Scan# 1011

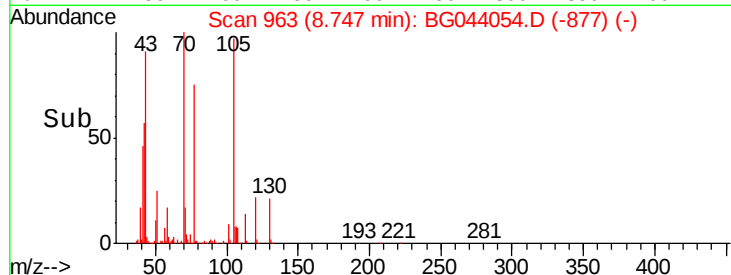
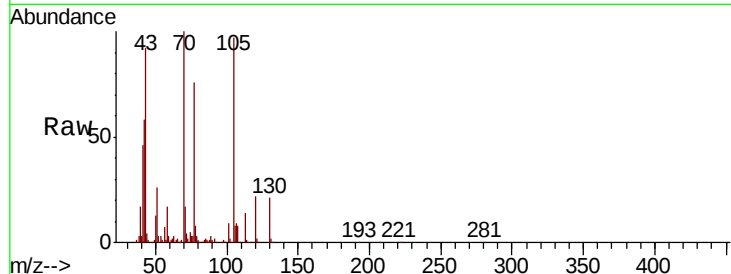
Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 97.5  | 78.1 | 117.1 |       |
| 201     | 106.2 | 78.6 | 117.8 |       |





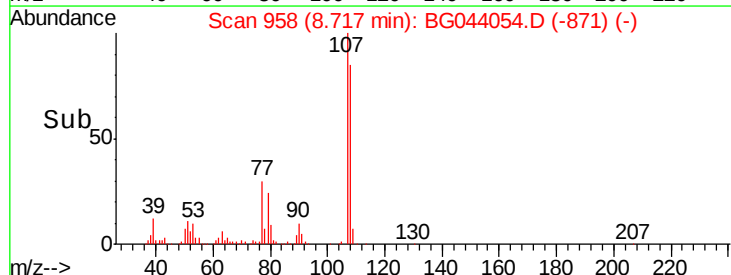
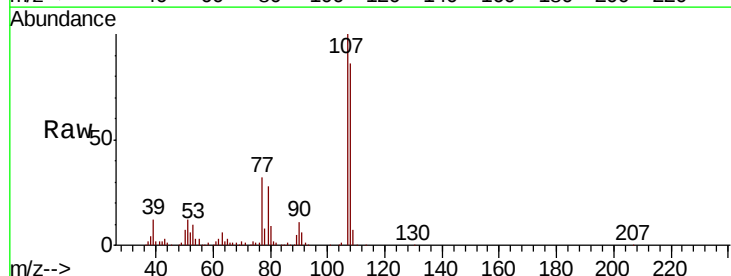
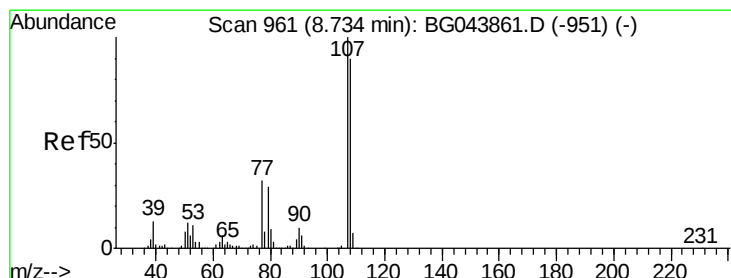
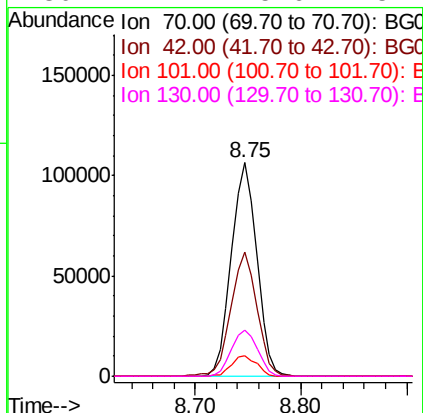
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.572 ng  
RT: 8.75 min Scan# 963  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

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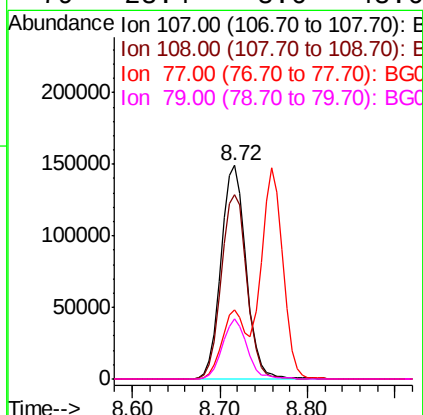
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| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 58.0 | 47.0  | 70.4  |       |
| 101     | 9.5  | 7.2   | 10.8  |       |
| 130     | 21.4 | 15.6  | 23.4  |       |



#20  
3+4-Methylphenols  
Concen: 47.212 ng  
RT: 8.72 min Scan# 958  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 86.5 | 70.3  | 110.3 |       |
| 77      | 32.3 | 12.4  | 52.4  |       |
| 79      | 28.4 | 8.6   | 48.6  |       |





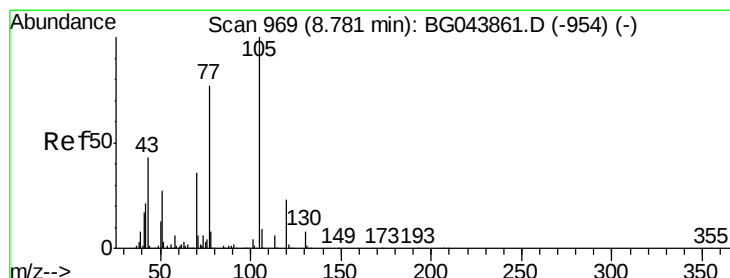
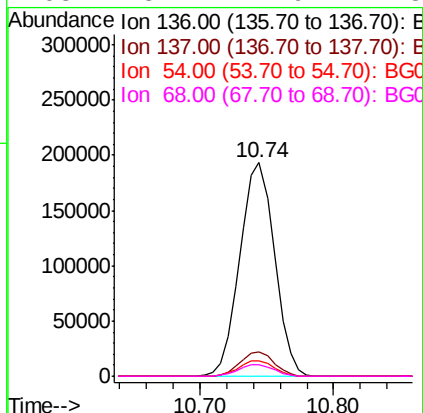
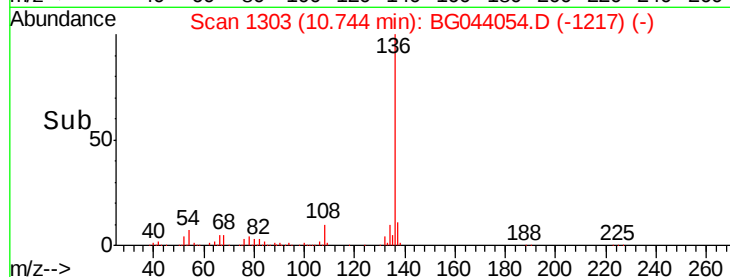
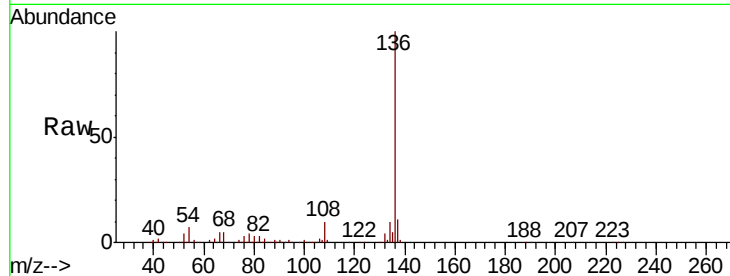
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.74 min Scan# 1303  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.3  | 8.8  | 13.2  |       |
| 54      | 7.2   | 7.0  | 10.4  |       |
| 68      | 5.4   | 4.9  | 7.3   |       |

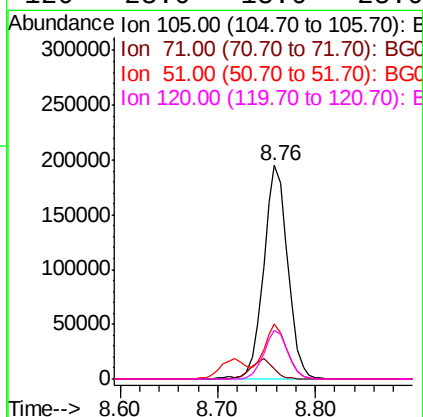
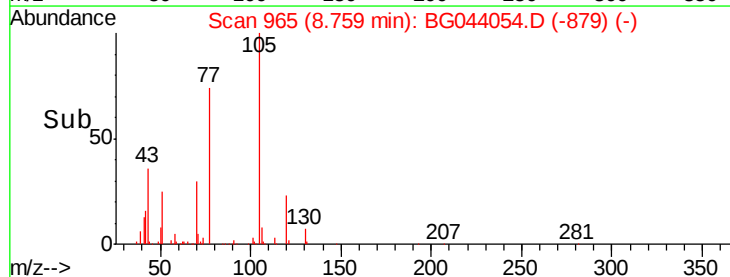
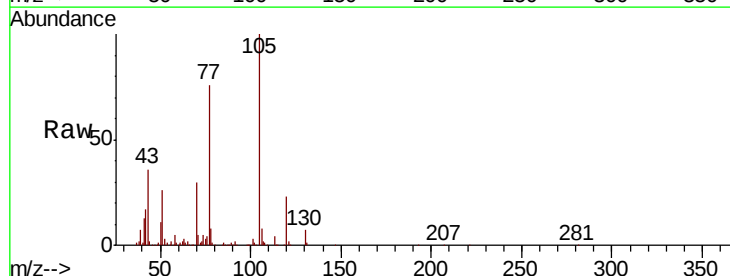
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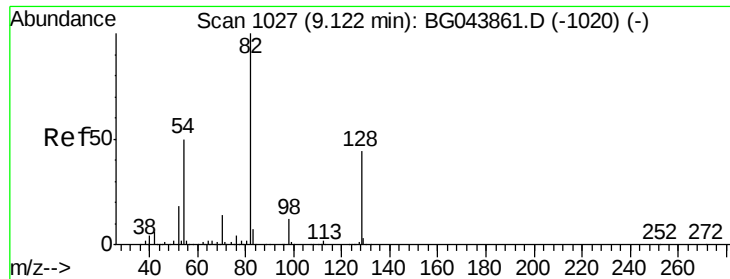
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#22  
Acetophenone  
Concen: 39.194 ng  
RT: 8.76 min Scan# 965  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 4.7   | 4.8  | 7.2#  |       |
| 51      | 25.9  | 21.4 | 32.0  |       |
| 120     | 23.0  | 18.6 | 28.0  |       |





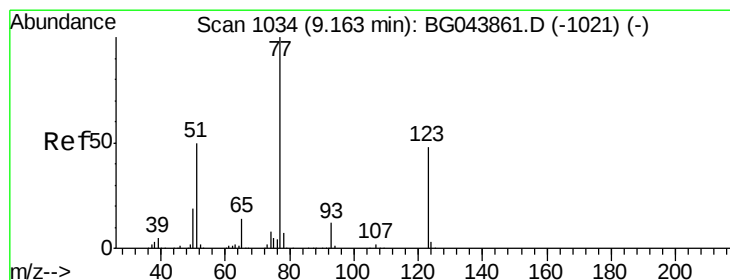
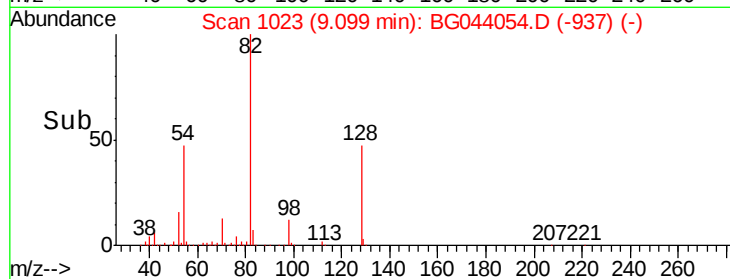
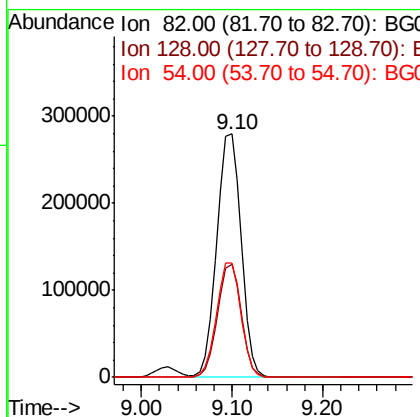
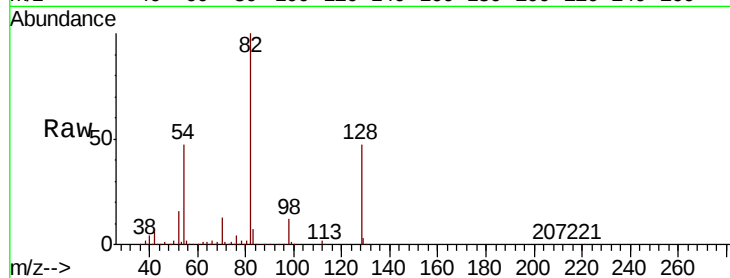
#23  
 Nitrobenzene-d5  
 Concen: 80.294 ng  
 RT: 9.10 min Scan# 1023  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.5  | 35.1  | 52.7  |
| 54      | 47.1  | 40.1  | 60.1  |

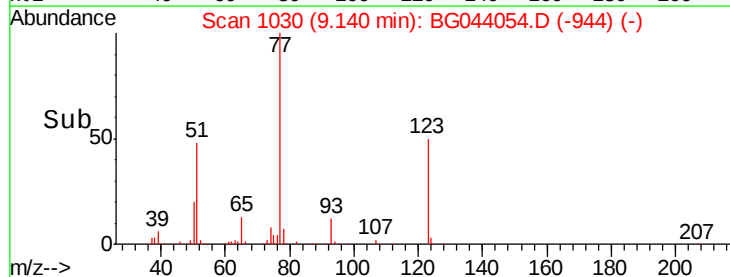
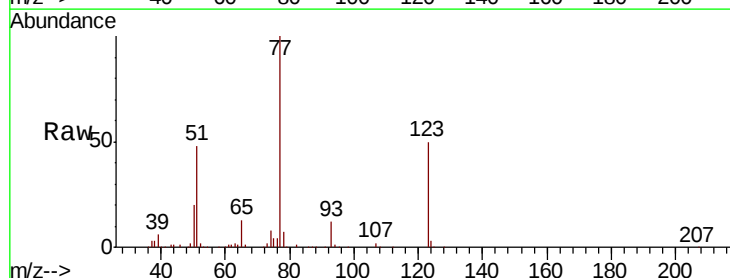
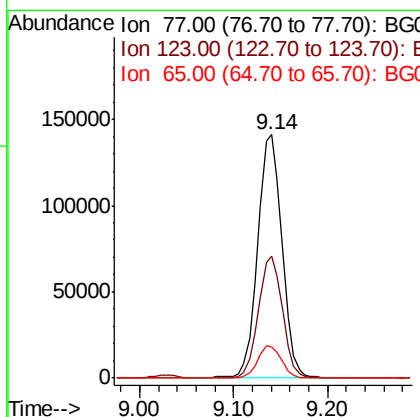
Manual Integrations  
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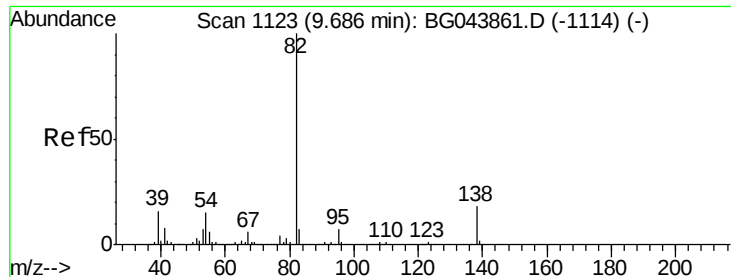
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#24  
 Nitrobenzene  
 Concen: 39.201 ng  
 RT: 9.14 min Scan# 1030  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.1  | 38.7  | 58.1  |
| 65      | 13.0  | 11.1  | 16.7  |





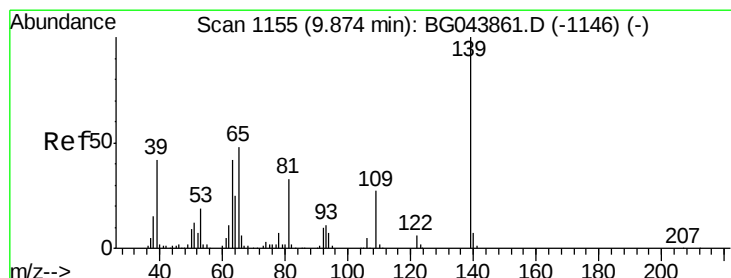
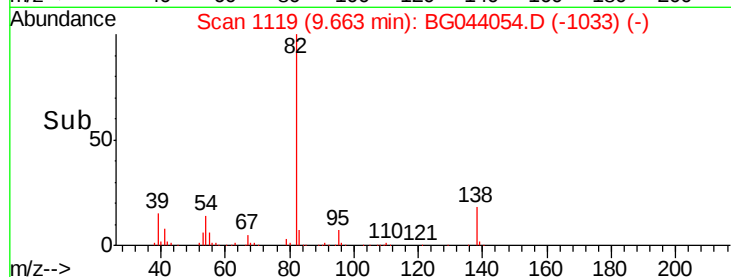
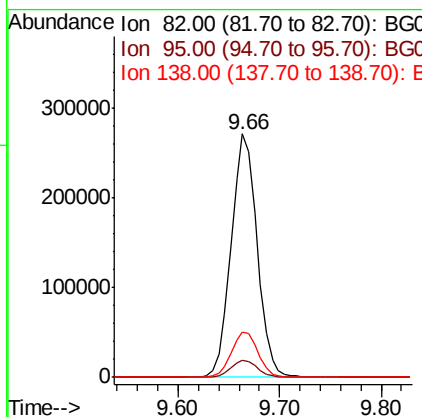
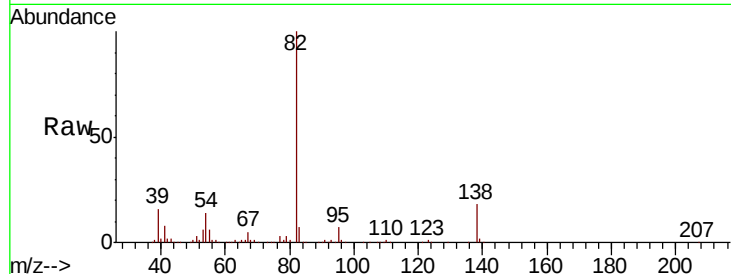
#25  
Isophorone  
Concen: 39.515 ng  
RT: 9.66 min Scan# 1119  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 481598 |       |       |
| 95      | 7.1   |        | 5.8   | 8.6   |
| 138     | 18.4  |        | 14.6  | 22.0  |

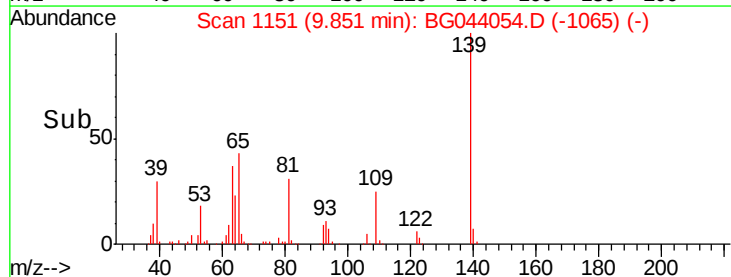
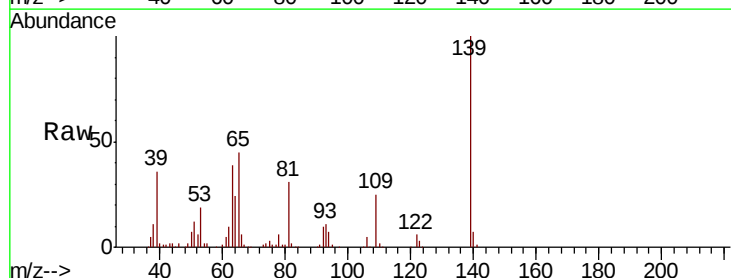
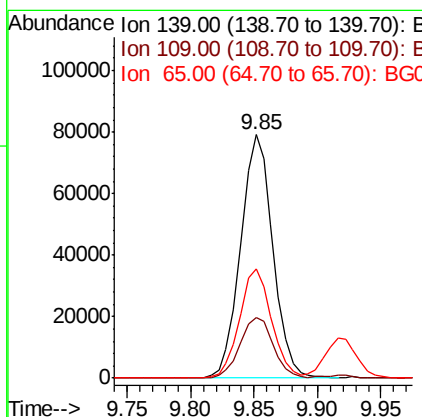
Manual Integrations  
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#26  
2-Nitrophenol  
Concen: 45.785 ng  
RT: 9.85 min Scan# 1151  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 139372 |       |       |
| 109     | 24.7  |        | 21.3  | 31.9  |
| 65      | 45.0  |        | 38.6  | 57.8  |





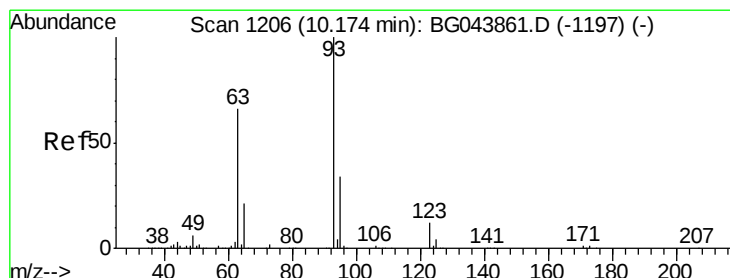
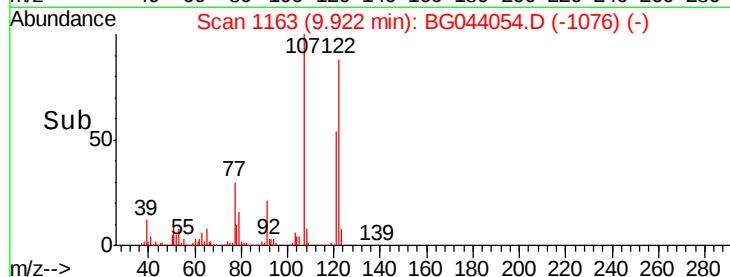
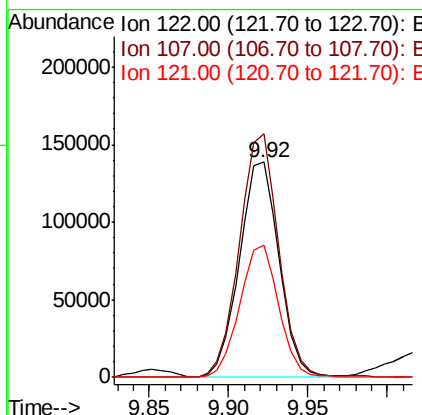
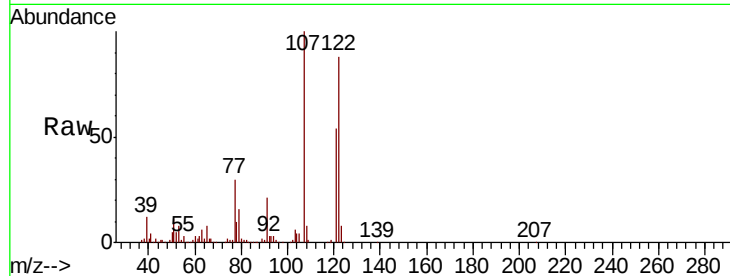
#27  
 2,4-Dimethylphenol  
 Concen: 52.364 ng  
 RT: 9.92 min Scan# 1163  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126104BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 239943 |       |       |
| 107     | 113.2 | 88.0   | 132.0 |       |
| 121     | 61.4  | 49.0   | 73.4  |       |

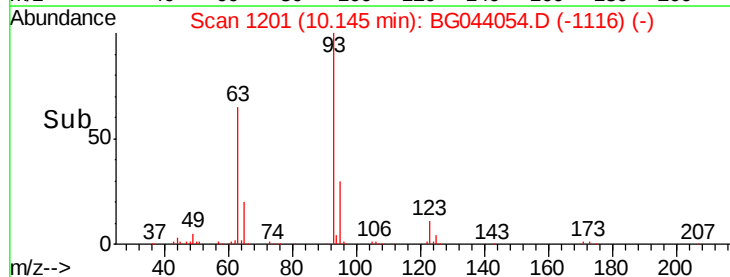
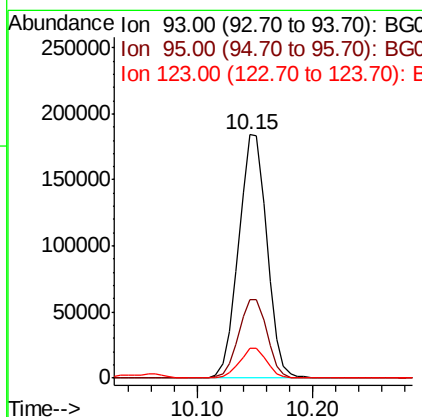
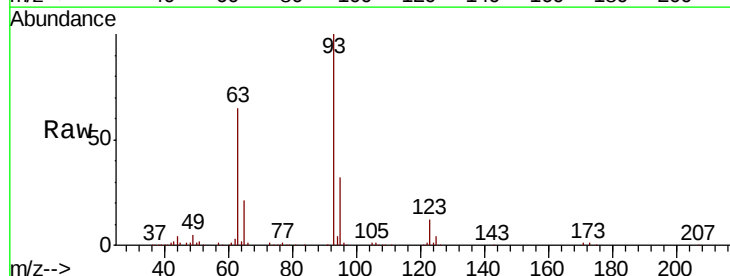
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.467 ng  
 RT: 10.15 min Scan# 1201  
 Delta R.T. -0.03 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 312556 |       |       |
| 95      | 32.4  | 27.2   | 40.8  |       |
| 123     | 12.0  | 9.7    | 14.5  |       |





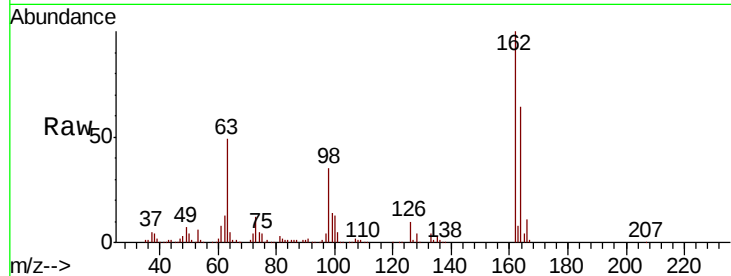
#29  
2,4-Dichlorophenol  
Concen: 45.626 ng  
RT: 10.39 min Scan# 1243  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.1  | 46.3  | 86.3  |
| 98      | 34.8  | 17.3  | 57.3  |

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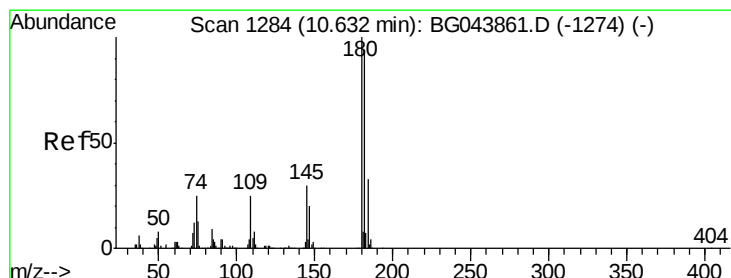
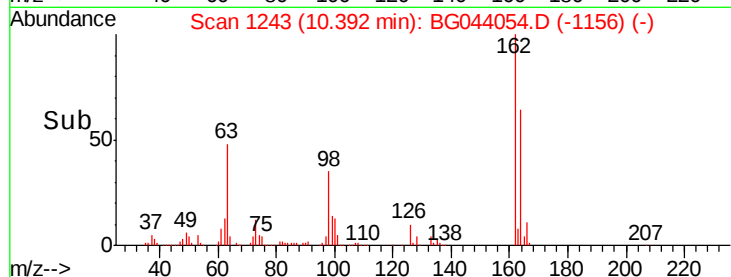
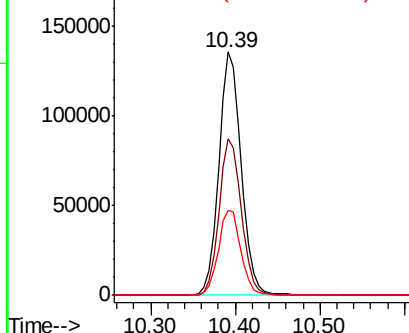


Abundance

Ion 162.00 (161.70 to 162.70): E

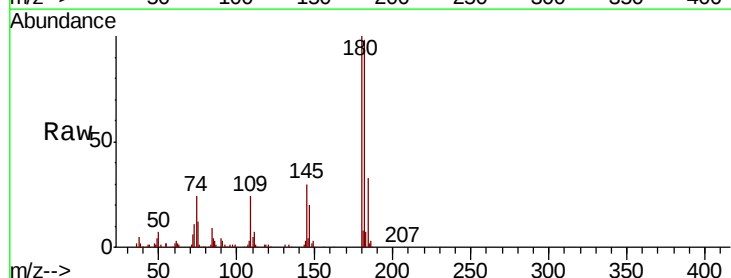
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
1,2,4-Trichlorobenzene  
Concen: 39.506 ng  
RT: 10.61 min Scan# 1280  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.2  | 75.0  | 112.4 |
| 145     | 30.0  | 24.2  | 36.4  |

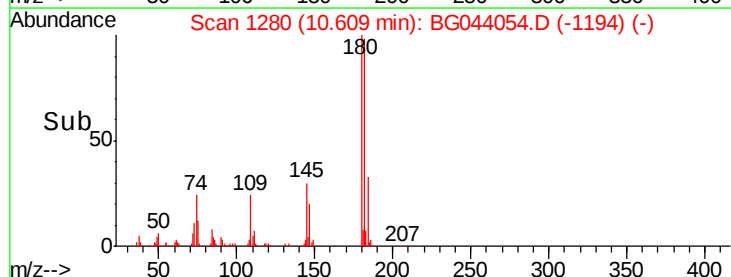
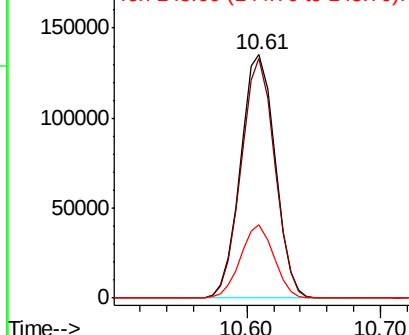


Abundance

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





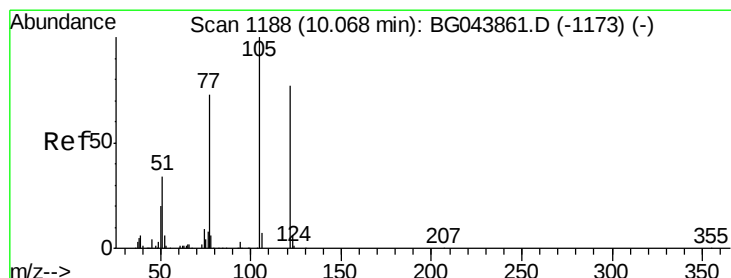
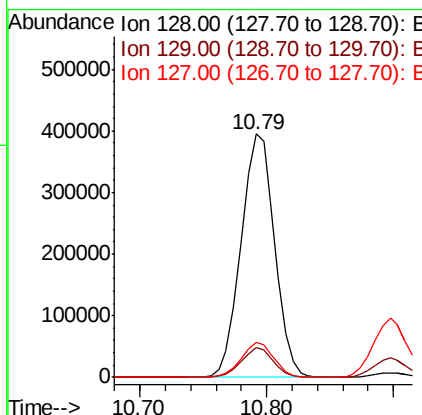
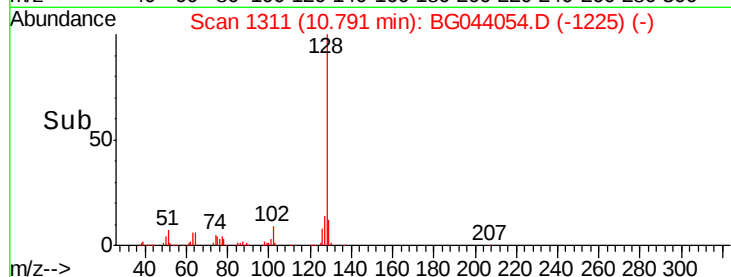
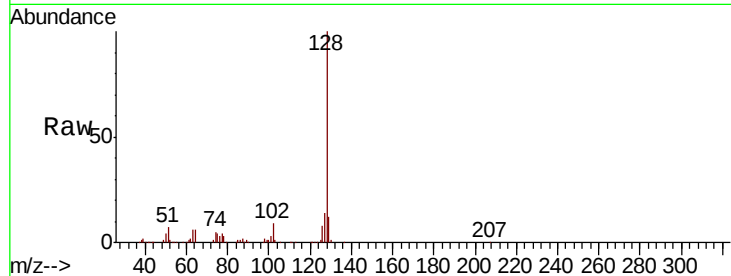
#31  
Naphthalene  
Concen: 43.014 ng  
RT: 10.79 min Scan# 1311  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 12.2  | 9.8   | 14.6  |
| 127     | 14.5  | 12.0  | 18.0  |

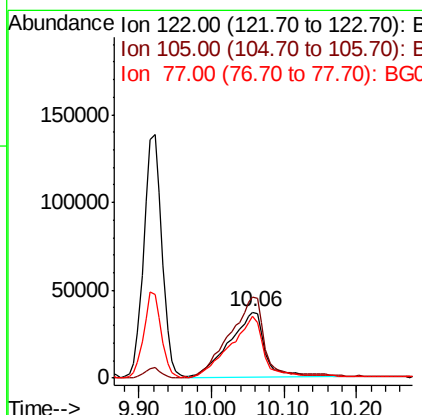
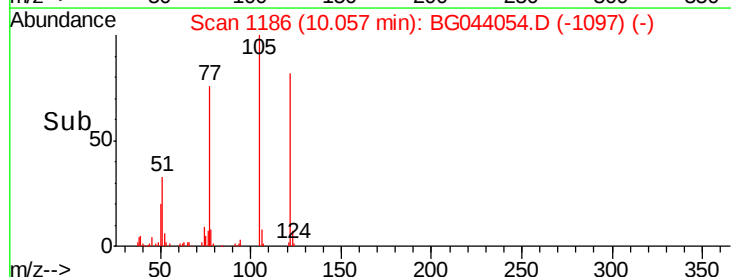
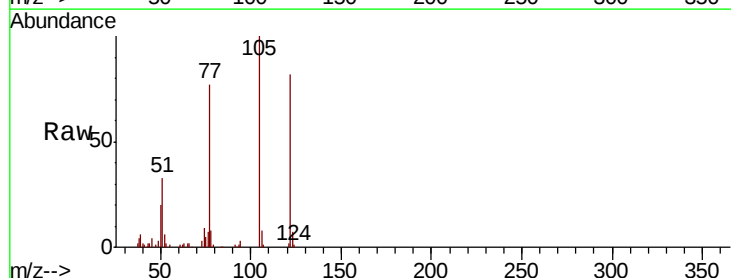
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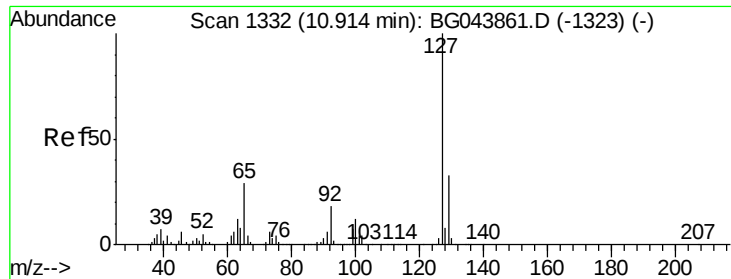
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#32  
Benzoic acid  
Concen: 35.496 ng  
RT: 10.06 min Scan# 1186  
Delta R.T. -0.01 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 122.1 | 106.4 | 146.4 |
| 77      | 93.6  | 74.6  | 114.6 |





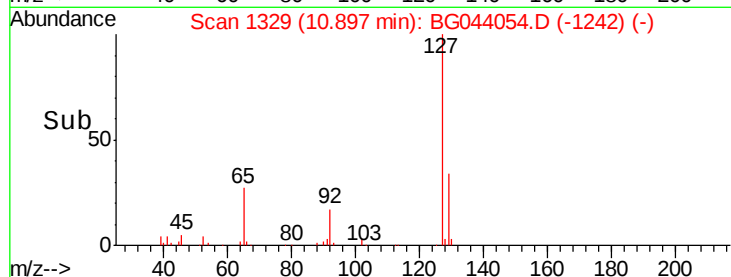
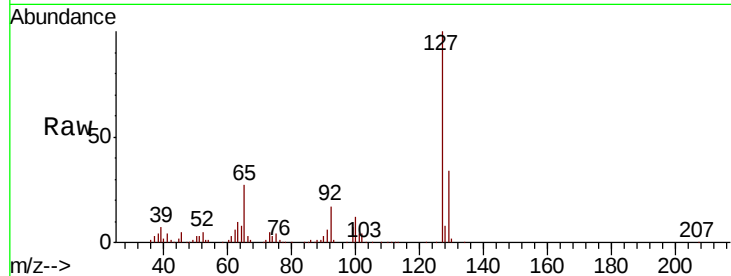
#33  
4-Chloroaniline  
Concen: 22.706 ng  
RT: 10.90 min Scan# 1329  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampled :  
PB126104BS

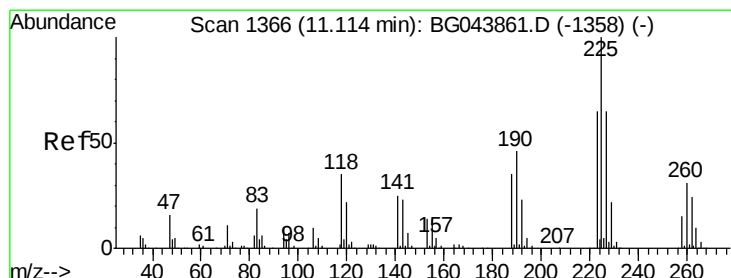
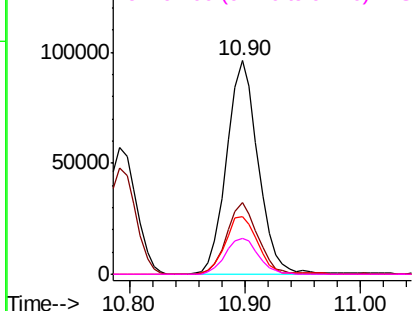
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.6 | 26.6  | 40.0 |       |       |
| 65      | 27.1 | 23.3  | 34.9 |       |       |
| 92      | 17.1 | 14.7  | 22.1 |       |       |

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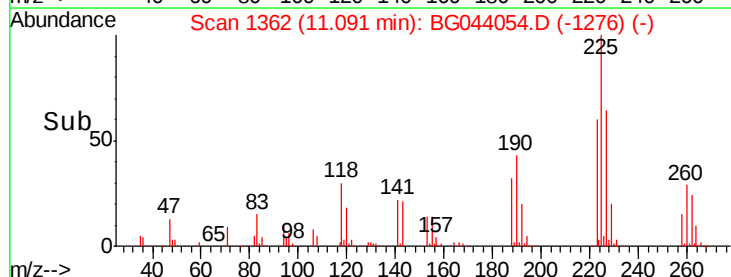
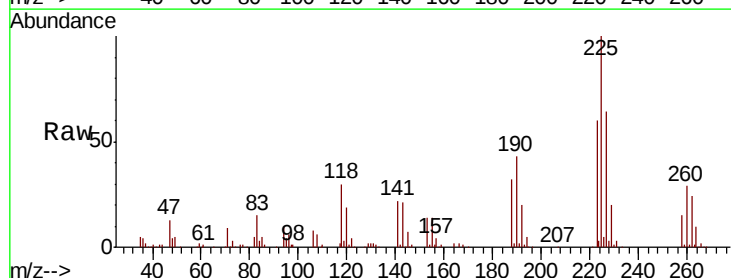


Abundance Ion 127.00 (126.70 to 127.70): E  
150000  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

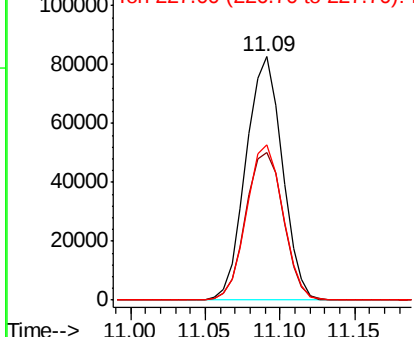


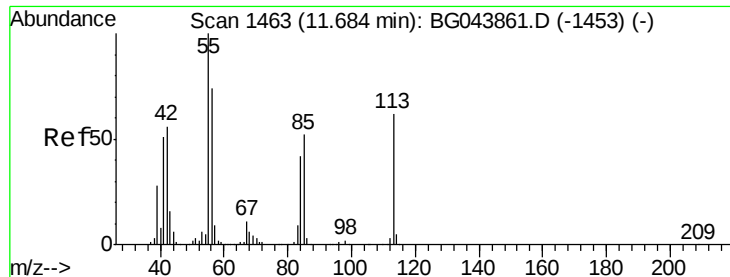
#34  
Hexachlorobutadiene  
Concen: 37.173 ng  
RT: 11.09 min Scan# 1362  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 60.5 | 52.2  | 78.4 |       |       |
| 227     | 64.0 | 52.1  | 78.1 |       |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
100000  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.560 ng/mL

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA\_G

ClientSampleId :

PB126104BS

Tot Ion: 113 Resp: 96773

Ion Ratio Lower Upper

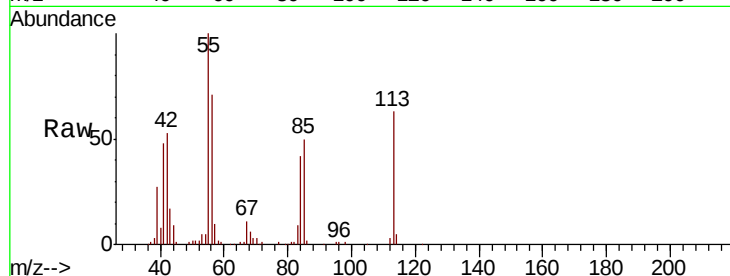
113 100

55 159.1 142.5 182.5

56 112.6 101.4 141.4

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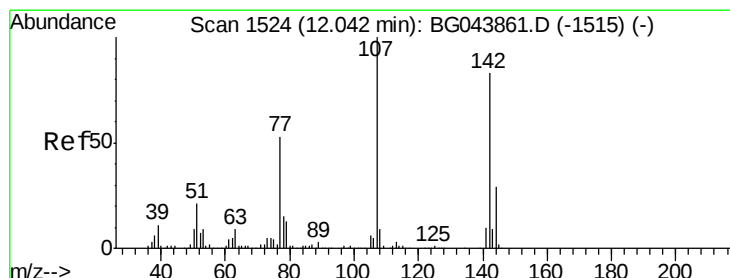
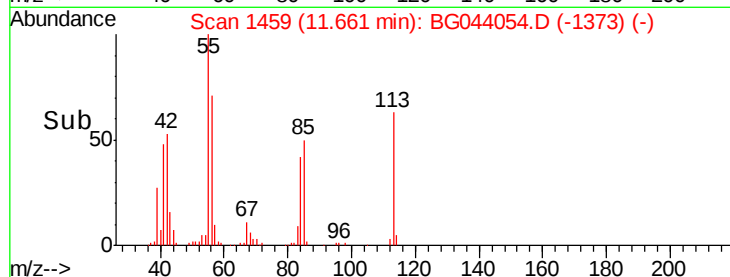
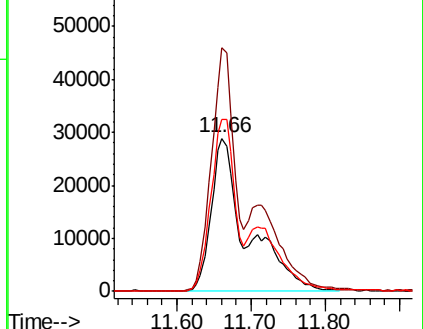
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.815 ng/mL

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

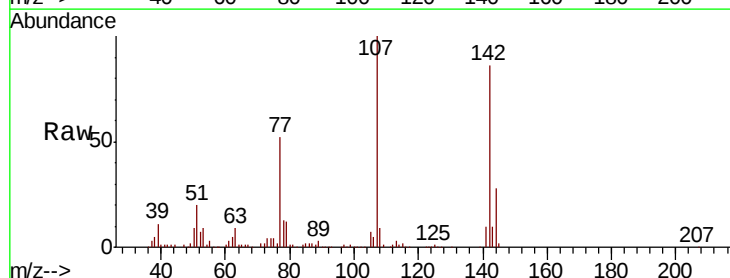
Tgt Ion: 107 Resp: 266585

Ion Ratio Lower Upper

107 100

144 27.9 23.4 35.2

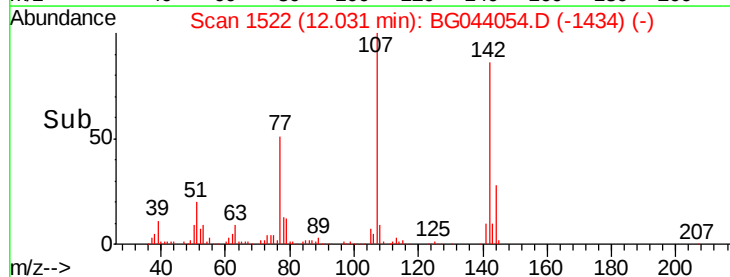
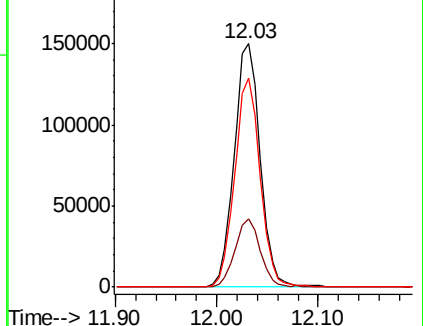
142 85.9 66.3 99.5

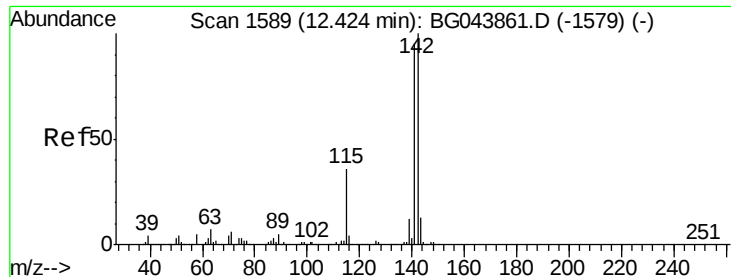


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





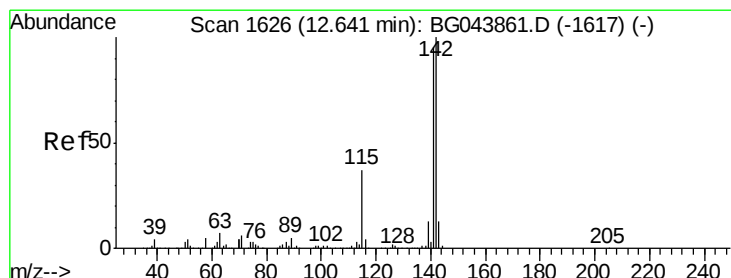
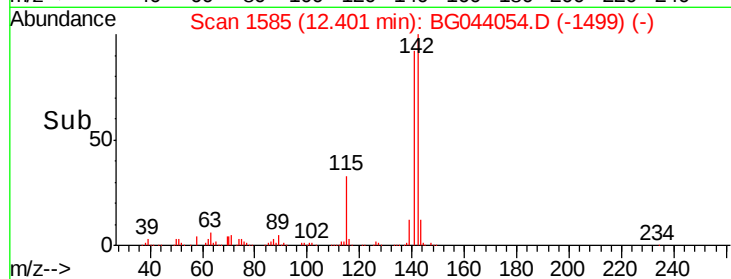
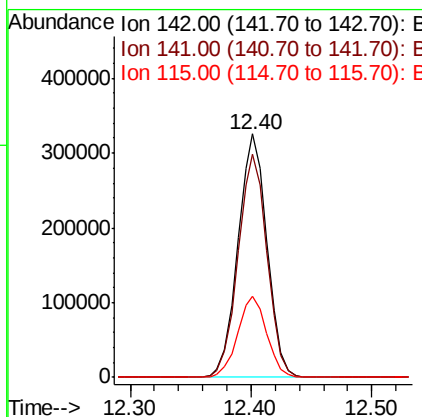
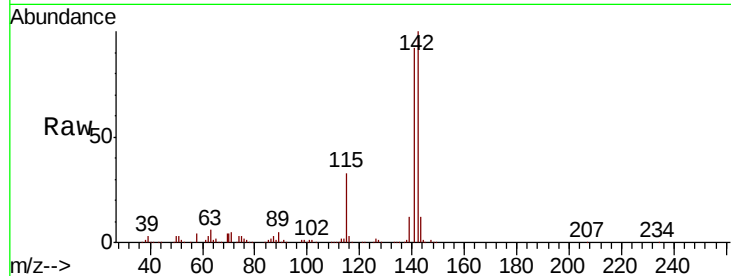
#37  
 2-Methylnaphthalene  
 Concen: 42.901 ng  
 RT: 12.40 min Scan# 1585  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.6  | 75.8  | 113.8 |
| 115     | 33.4  | 28.6  | 42.8  |

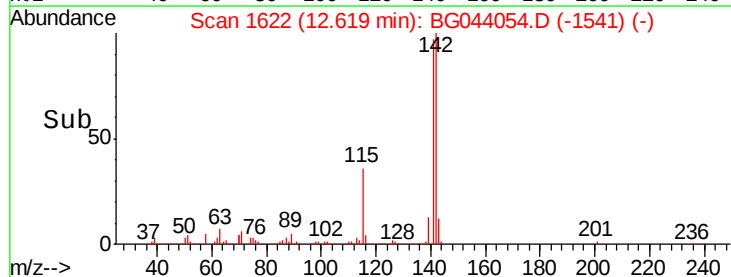
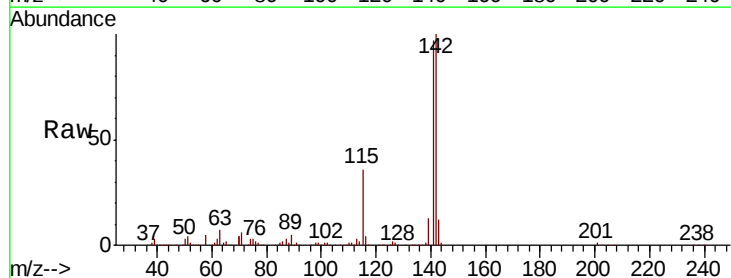
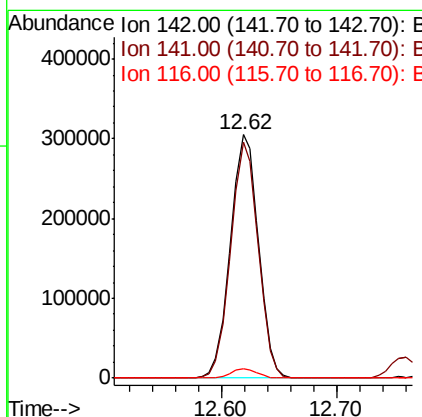
Manual Integrations  
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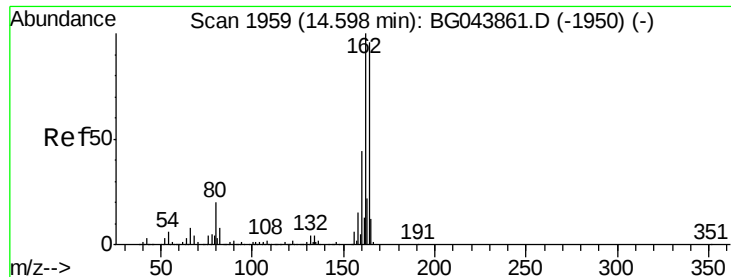
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#38  
 1-Methylnaphthalene  
 Concen: 42.693 ng  
 RT: 12.62 min Scan# 1622  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.9  | 76.0  | 114.0 |
| 116     | 3.8   | 3.1   | 4.7   |





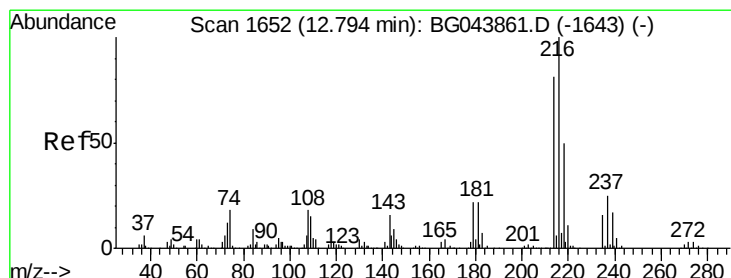
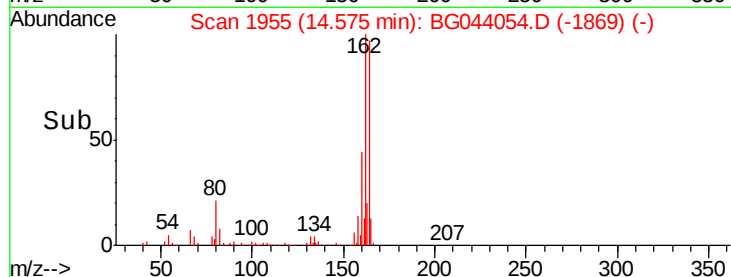
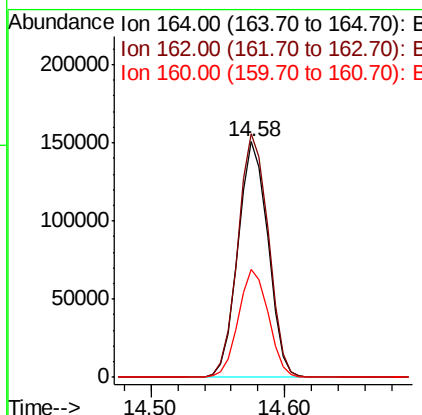
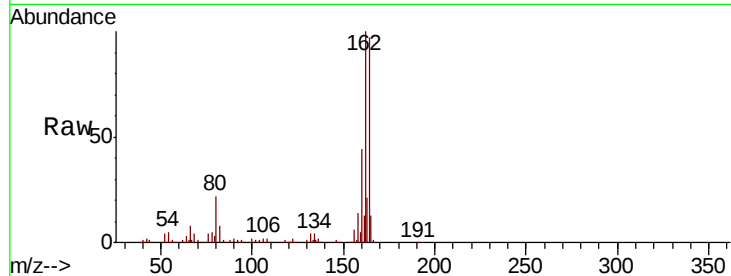
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.58 min Scan# 1955  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 234243 |       |       |
| 162     | 103.2 | 83.0   | 124.4 |       |
| 160     | 45.9  | 36.1   | 54.1  |       |

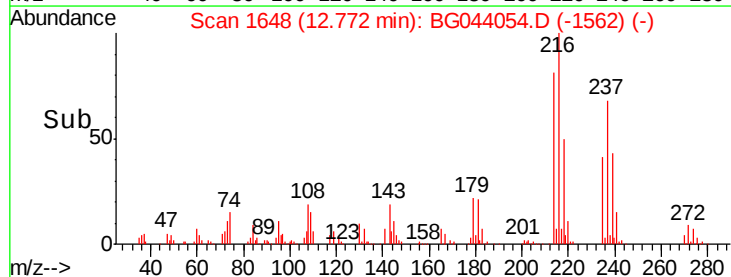
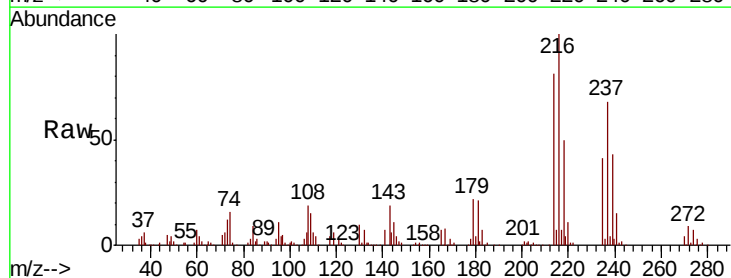
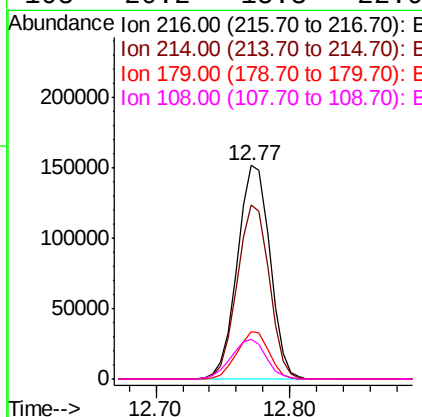
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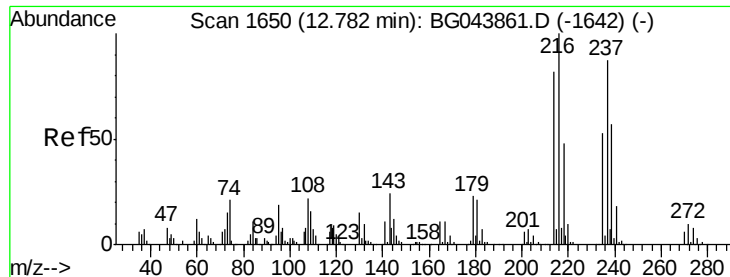
mohammad  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.310 ng  
RT: 12.77 min Scan# 1648  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 256157 |       |       |
| 214     | 80.2  | 63.8   | 95.8  |       |
| 179     | 21.6  | 17.3   | 25.9  |       |
| 108     | 20.2  | 15.3   | 22.9  |       |





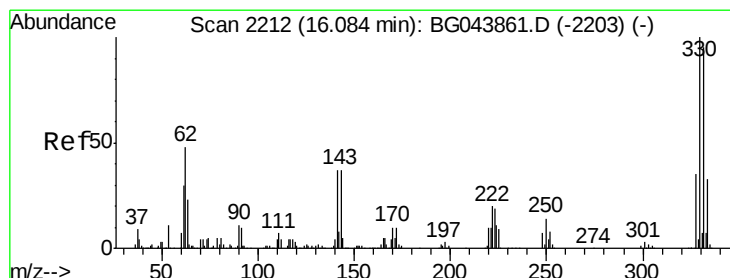
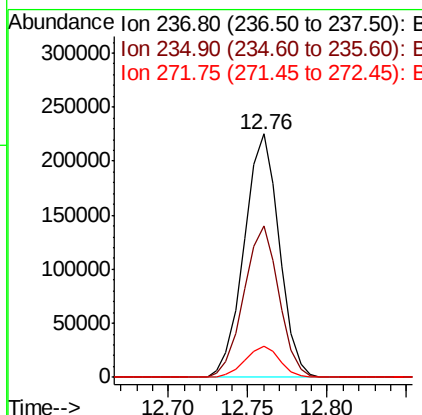
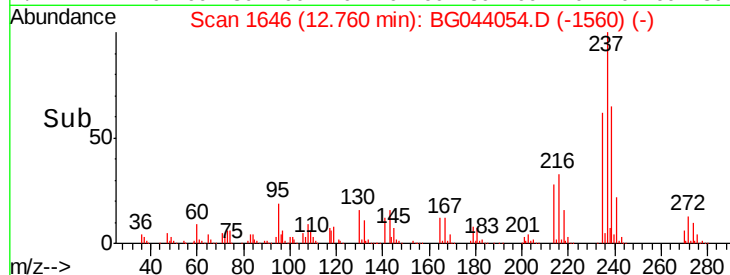
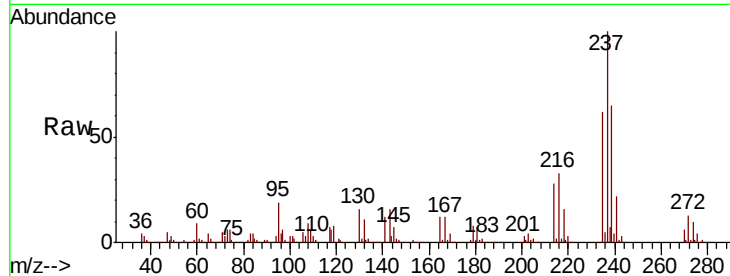
#41  
Hexachlorocyclopentadiene  
Concen: 96.998 ng  
RT: 12.76 min Scan# 1646  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 62.0  | 41.1       | 81.1       |
| 272     | 13.0  | 0.0        | 31.7       |

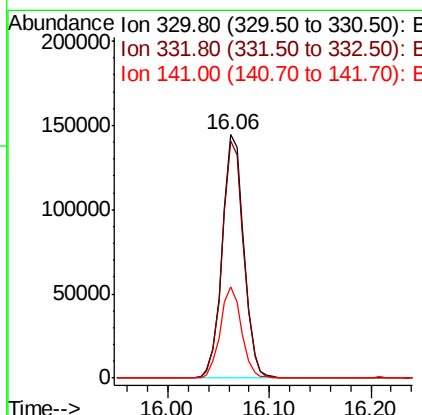
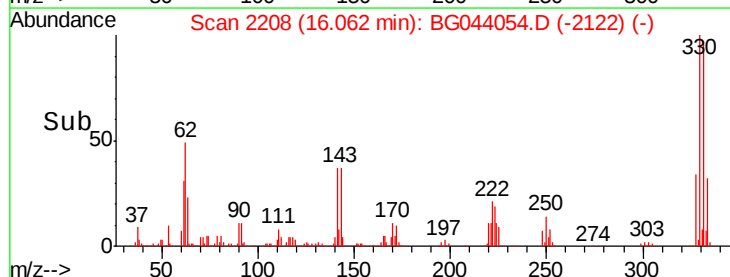
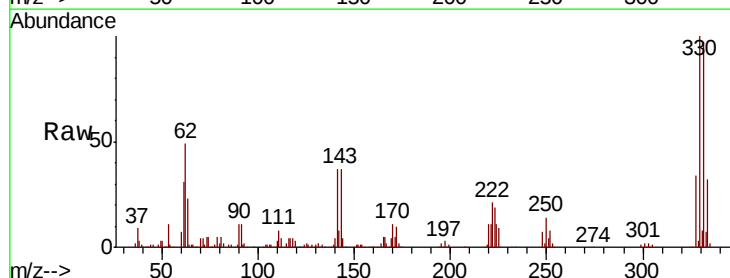
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#42  
2,4,6-Tribromophenol  
Concen: 87.164 ng  
RT: 16.06 min Scan# 2208  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 97.1  | 77.2       | 115.8      |
| 141     | 36.9  | 33.1       | 49.7       |





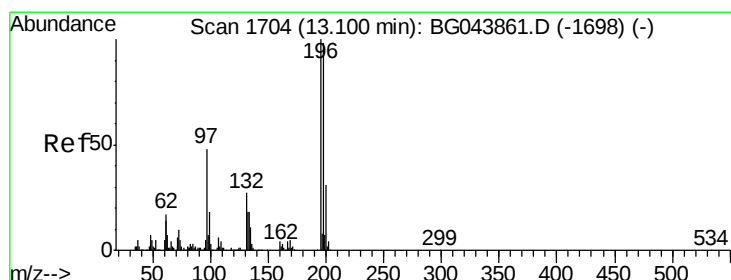
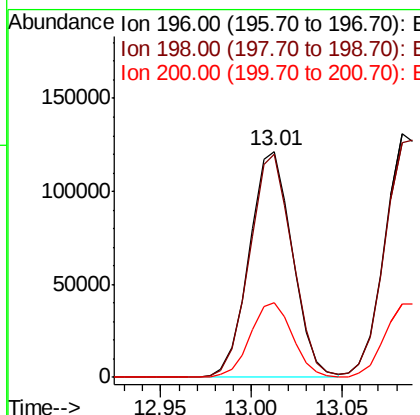
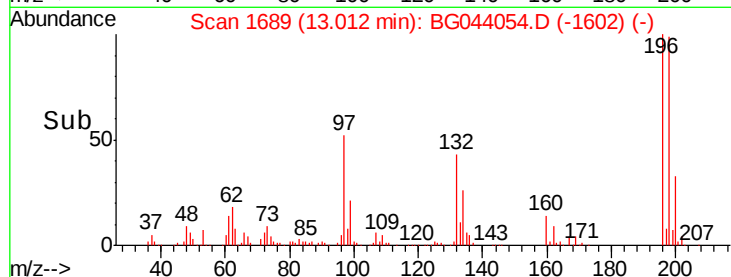
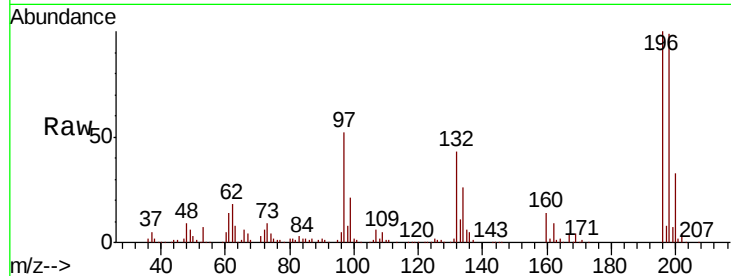
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.473 ng  
 RT: 13.01 min Scan# 1689  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126104BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 200650 |       |       |
| 198     | 98.8  | 76.6   | 115.0 |       |
| 200     | 32.8  | 24.6   | 37.0  |       |

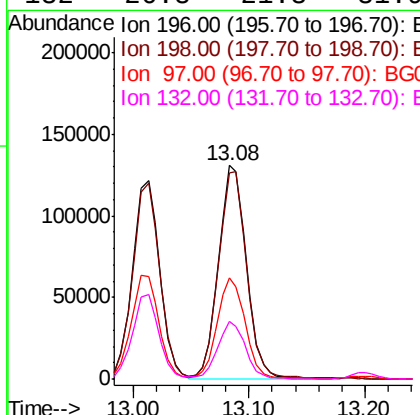
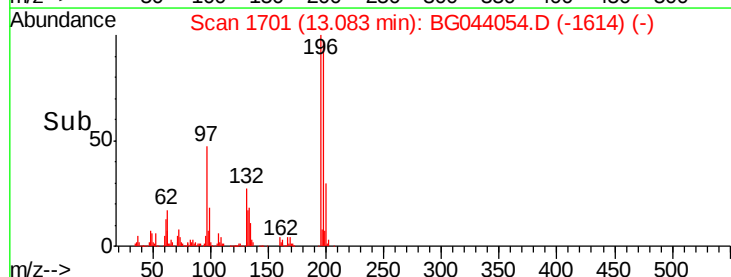
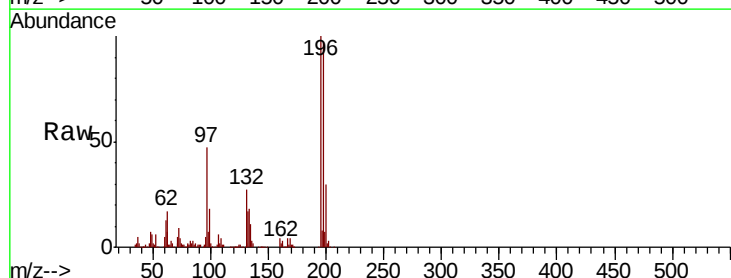
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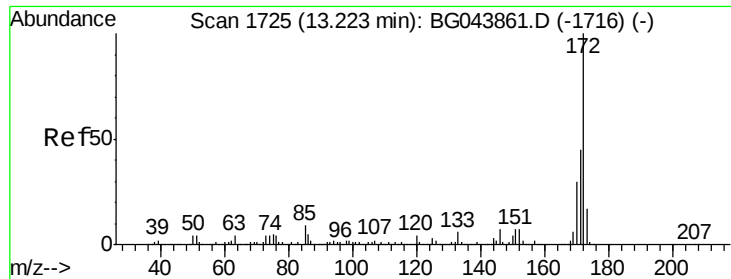
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#44  
 2,4,5-Trichlorophenol  
 Concen: 44.821 ng  
 RT: 13.08 min Scan# 1701  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 218385 |       |       |
| 198     | 96.6  | 78.3   | 117.5 |       |
| 97      | 47.3  | 38.8   | 58.2  |       |
| 132     | 26.8  | 21.3   | 31.9  |       |





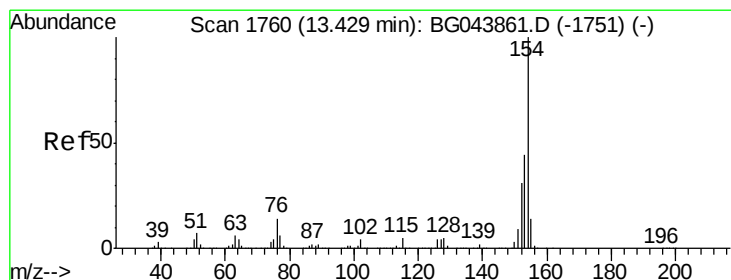
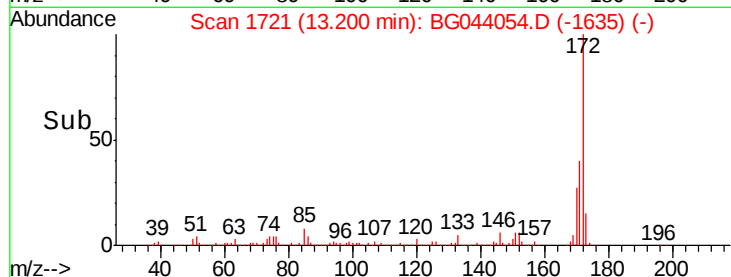
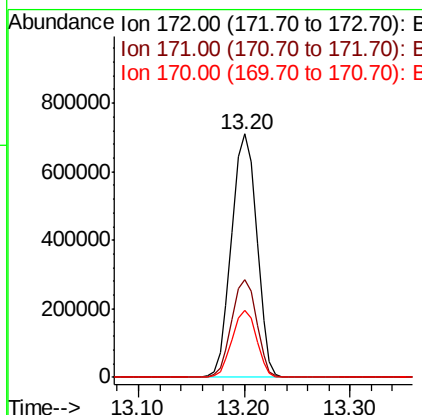
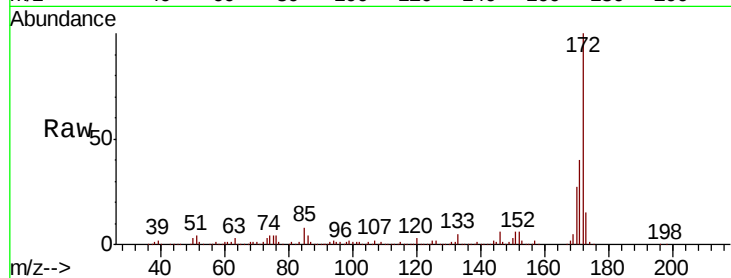
#45  
2-Fluorobiphenyl  
Concen: 90.592 ng  
RT: 13.20 min Scan# 1721  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 40.3  | 35.8  | 53.8  |
| 170     | 27.3  | 24.2  | 36.4  |

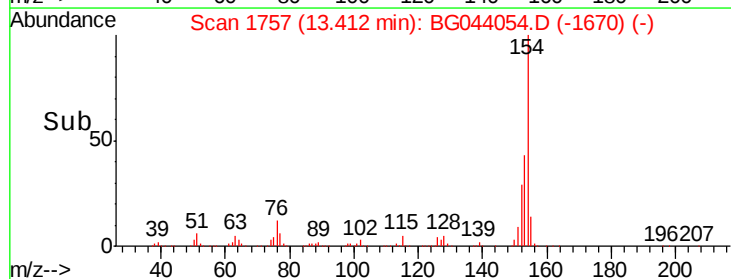
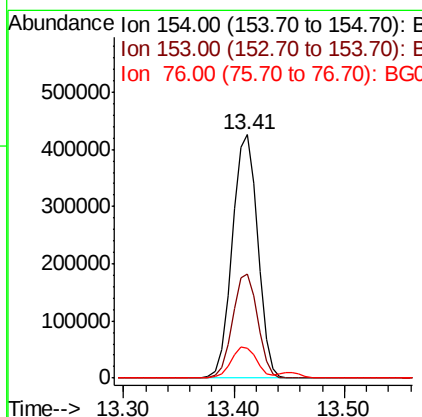
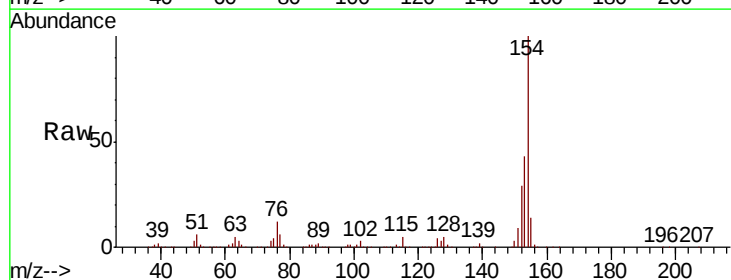
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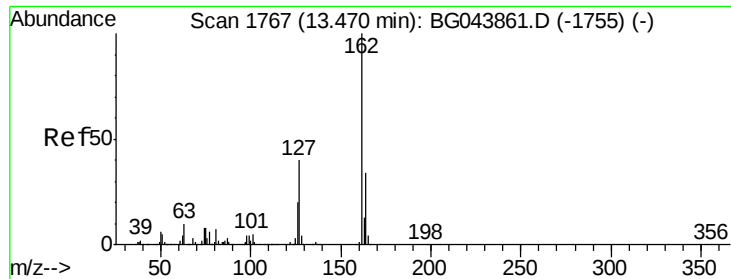
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#46  
1,1'-Biphenyl  
Concen: 41.031 ng  
RT: 13.41 min Scan# 1757  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.7  | 23.6  | 63.6  |
| 76      | 12.4  | 0.0   | 34.4  |





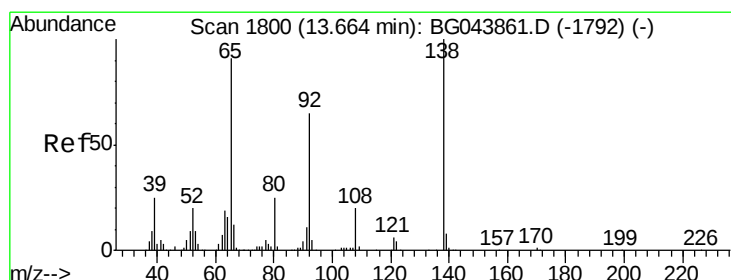
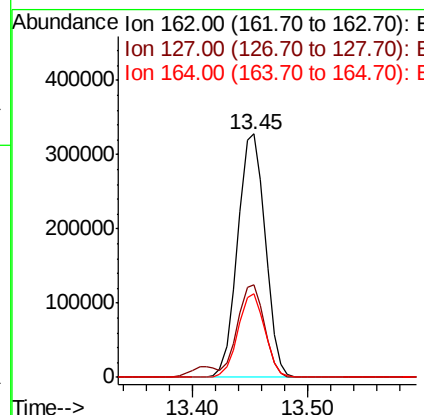
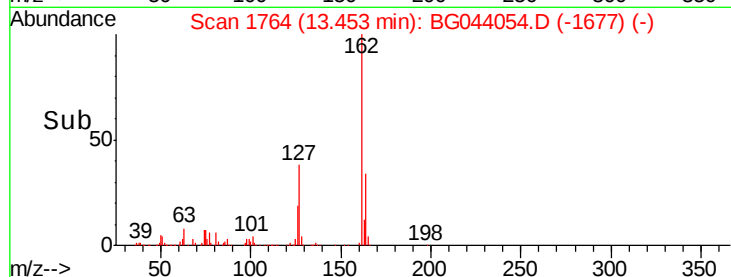
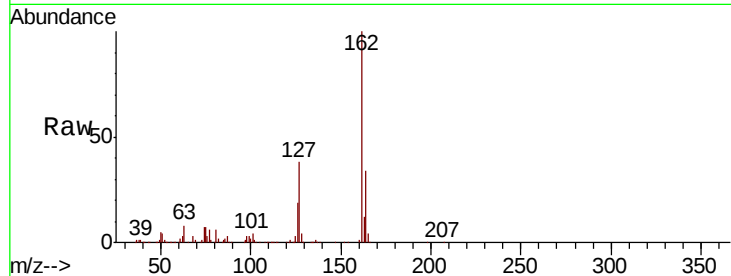
#47  
2-Chloronaphthalene  
Concen: 39.985 ng  
RT: 13.45 min Scan# 1764  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 38.2  | 32.1       | 48.1  |
| 164     | 34.1  | 27.5       | 41.3  |

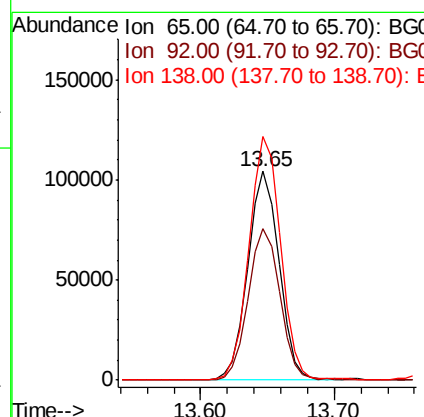
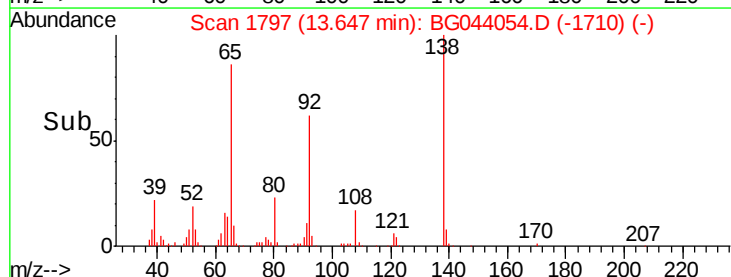
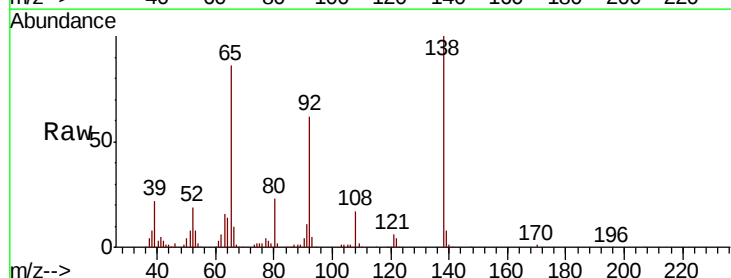
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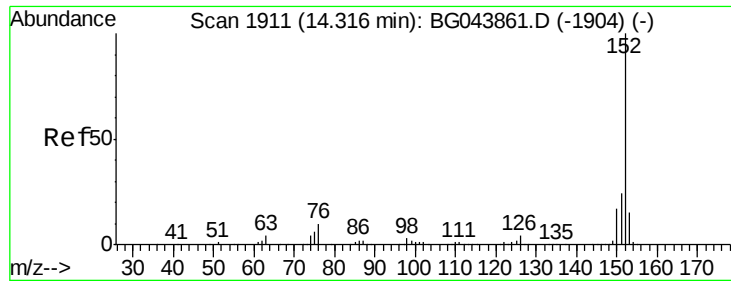
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#48  
2-Nitroaniline  
Concen: 38.590 ng  
RT: 13.65 min Scan# 1797  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 65      | 100   |            |       |
| 92      | 72.4  | 57.4       | 86.2  |
| 138     | 116.7 | 88.2       | 132.4 |





#49

Acenaphthylene

Concen: 44.820 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA\_G

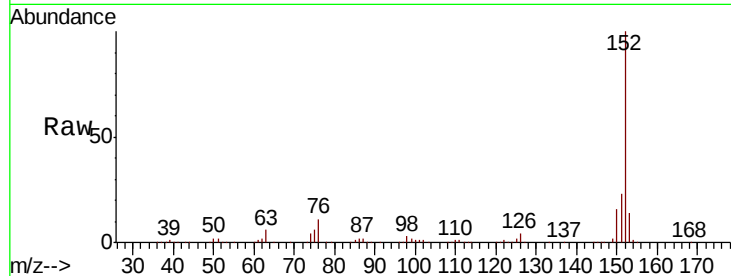
ClientSampleId :

PB126104BS

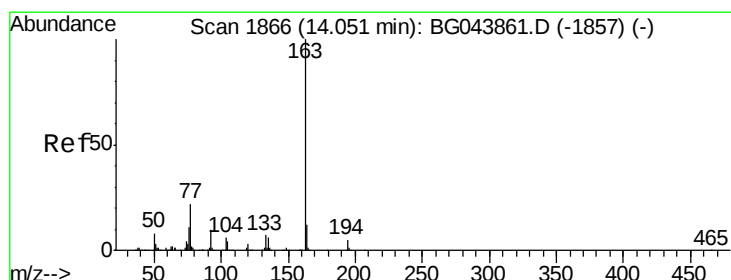
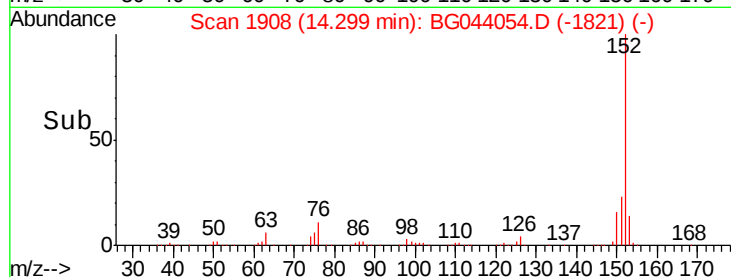
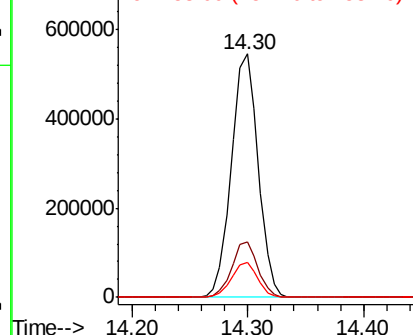
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 874270 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 22.9  | 19.4  | 29.2   |
| 153       | 14.2  | 12.0  | 18.0   |

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



#50

Dimethylphthalate

Concen: 43.167 ng

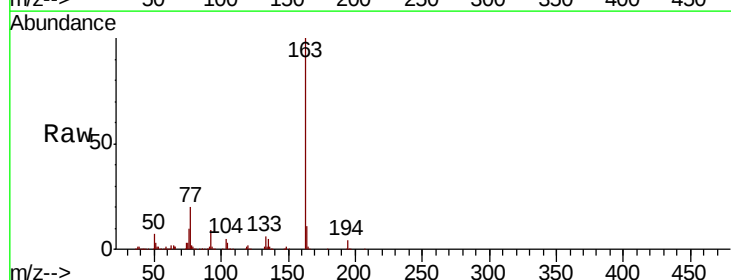
RT: 14.03 min Scan# 1862

Delta R.T. -0.02 min

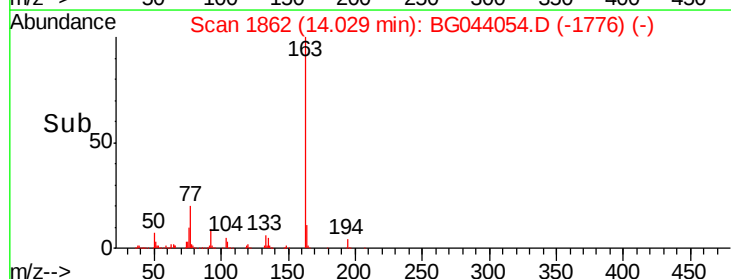
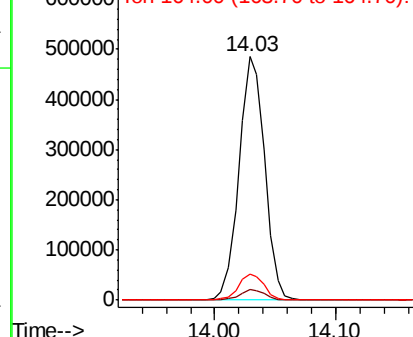
Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 717965 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.3   | 3.7   | 5.5    |
| 164       | 10.7  | 9.3   | 13.9   |



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





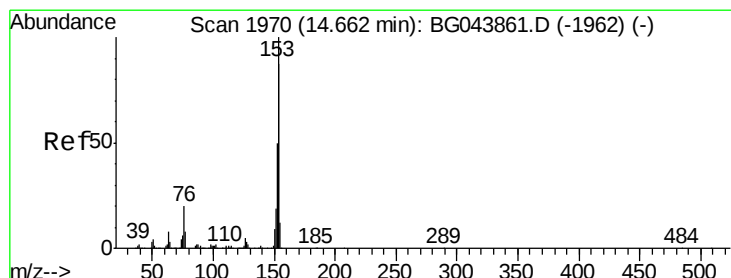
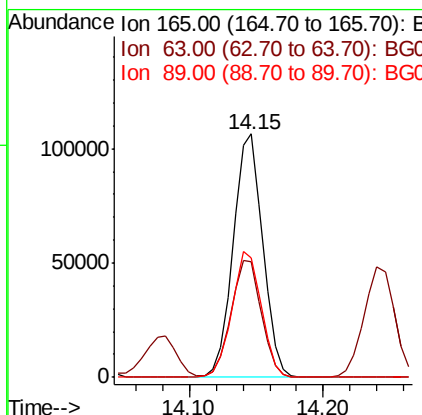
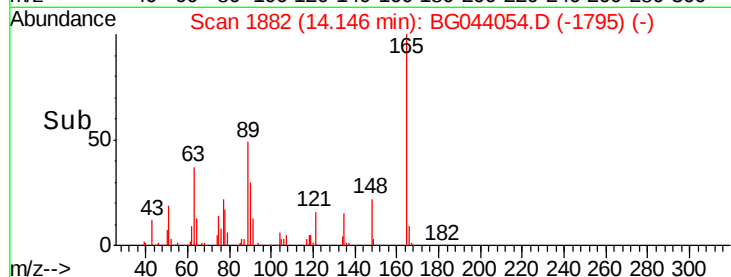
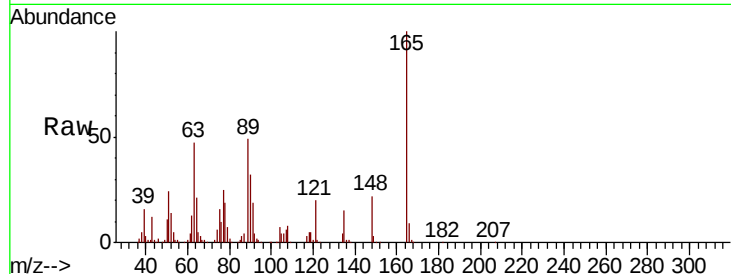
#51  
 2,6-Dinitrotoluene  
 Concen: 43.557 ng  
 RT: 14.15 min Scan# 1882  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.3  | 43.1  | 64.7  |
| 89      | 49.1  | 43.8  | 65.6  |

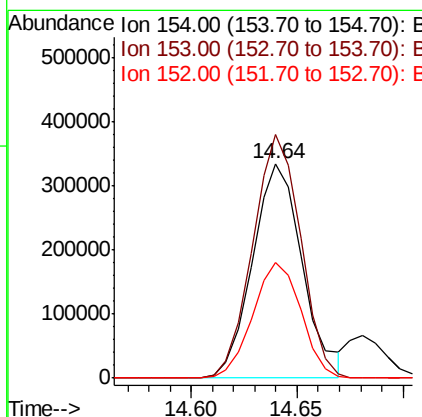
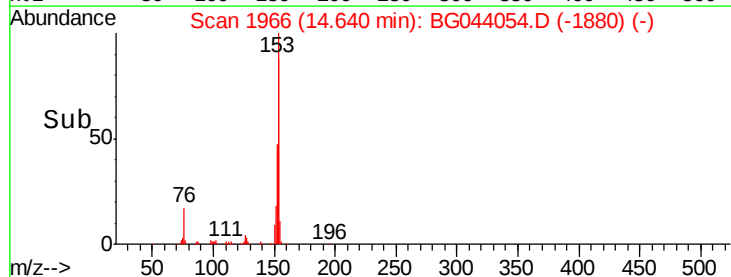
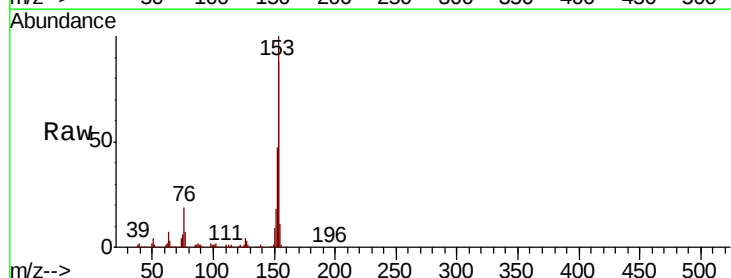
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#52  
 Acenaphthene  
 Concen: 40.116 ng  
 RT: 14.64 min Scan# 1966  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.4 | 91.6  | 137.4 |
| 152     | 53.8  | 45.4  | 68.0  |





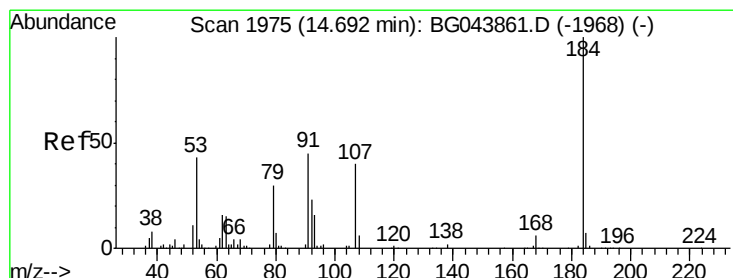
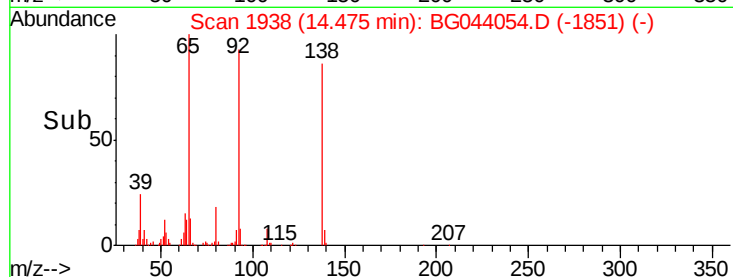
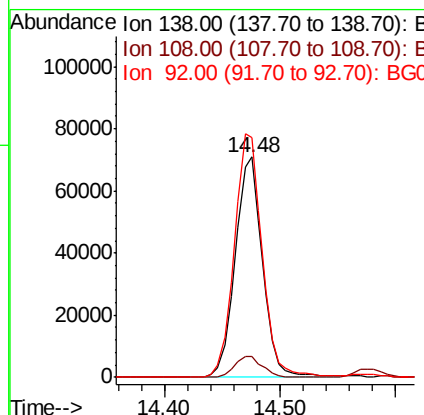
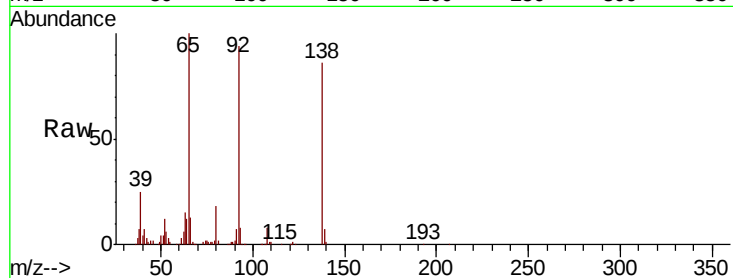
#53  
3-Nitroaniline  
Concen: 27.078 ng  
RT: 14.48 min Scan# 1938  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.3   | 7.4   | 11.2  |
| 92      | 108.9 | 92.1  | 138.1 |

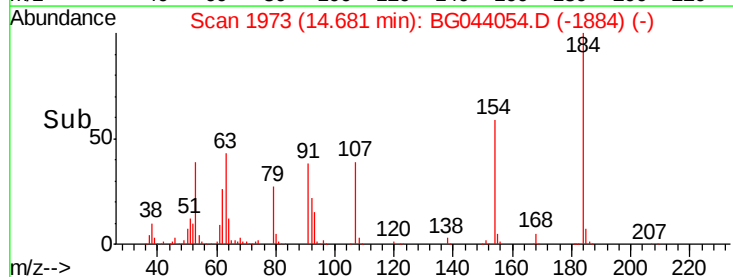
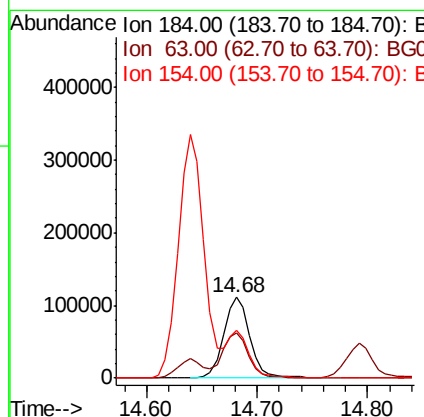
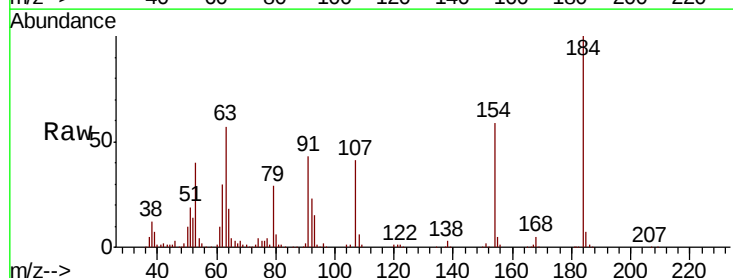
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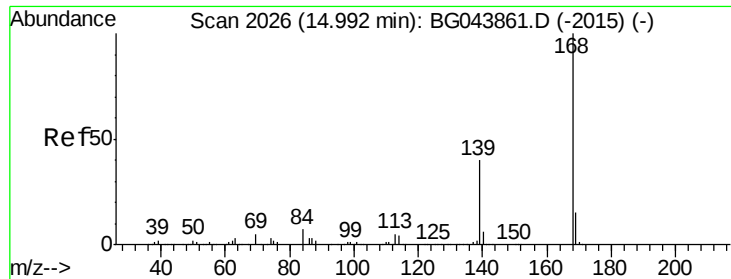
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#54  
2,4-Dinitrophenol  
Concen: 95.170 ng  
RT: 14.68 min Scan# 1973  
Delta R.T. -0.01 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 56.5  | 46.6  | 70.0  |
| 154     | 59.4  | 50.2  | 75.4  |





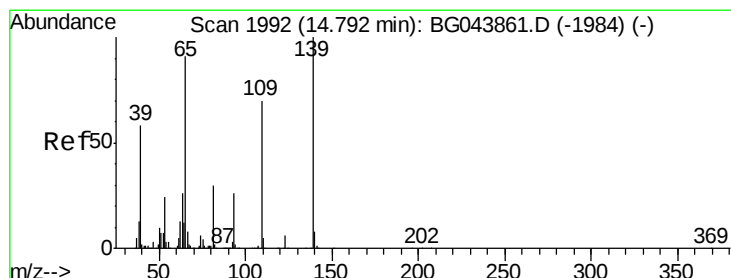
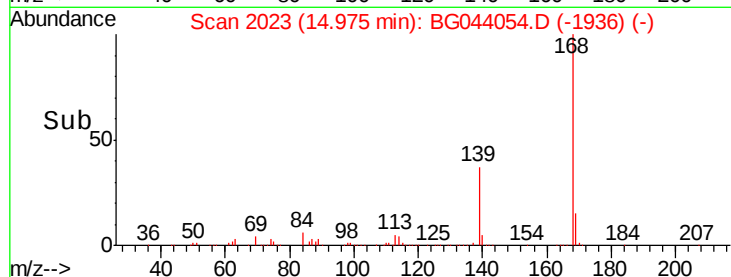
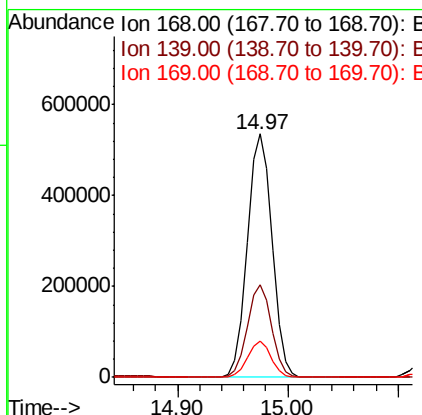
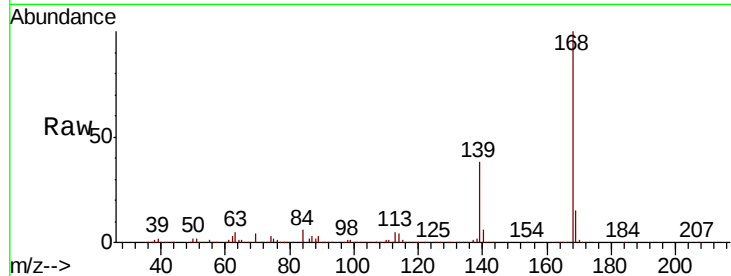
#55  
Dibenzenofuran  
Concen: 44.665 ng  
RT: 14.97 min Scan# 2023  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.1  | 32.2  | 48.2  |
| 169     | 14.7  | 12.2  | 18.2  |

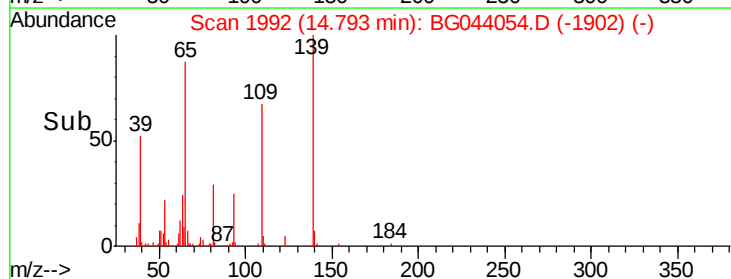
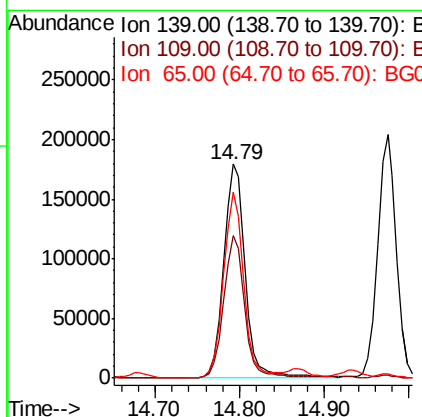
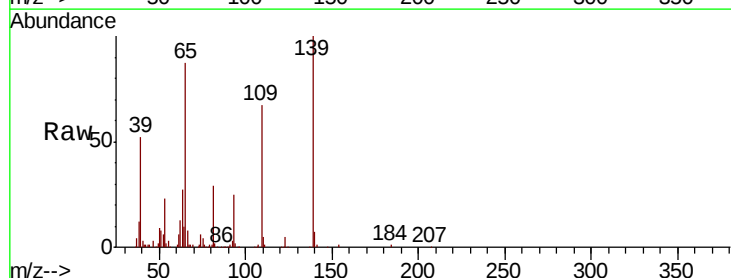
Manual Integrations  
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#56  
4-Nitrophenol  
Concen: 96.365 ng  
RT: 14.79 min Scan# 1992  
Delta R.T. 0.00 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 66.8  | 50.4  | 90.4  |
| 65      | 87.2  | 71.4  | 111.4 |





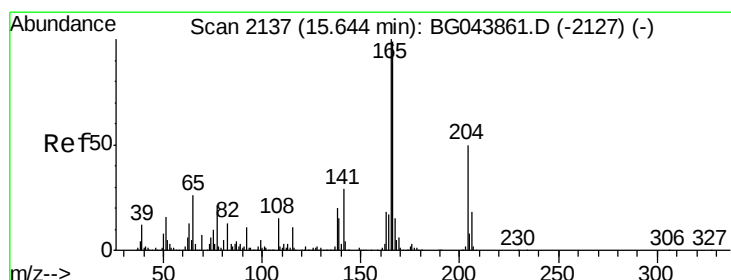
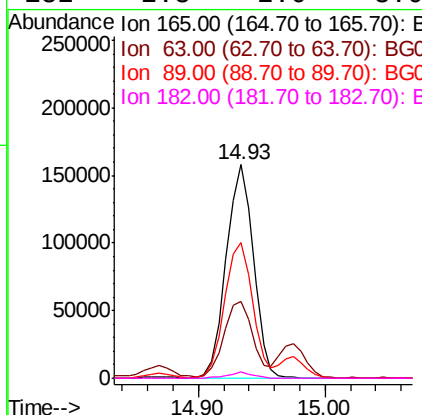
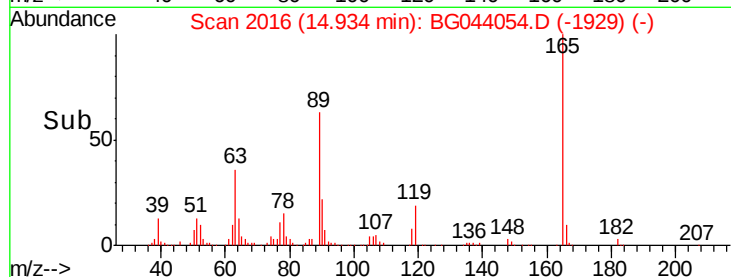
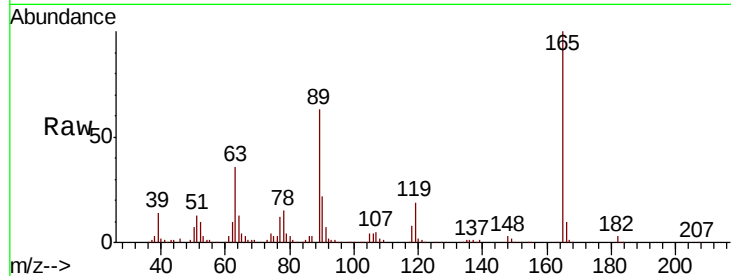
#57  
2,4-Dinitrotoluene  
Concen: 45.857 ng  
RT: 14.93 min Scan# 2016  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 234568 |       |       |
| 63      | 35.8  |        | 31.9  | 47.9  |
| 89      | 63.4  |        | 53.8  | 80.6  |
| 182     | 2.8   |        | 2.0   | 3.0   |

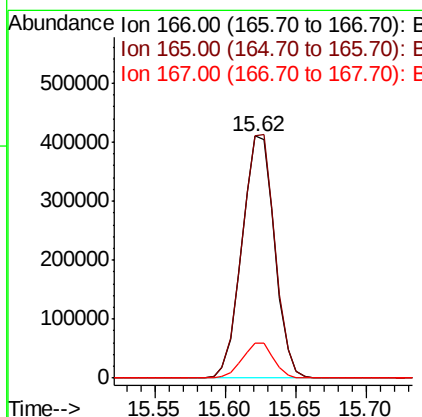
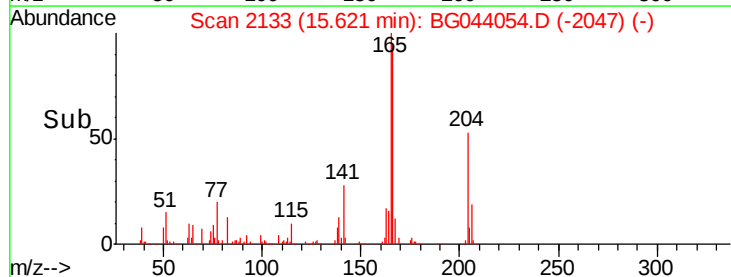
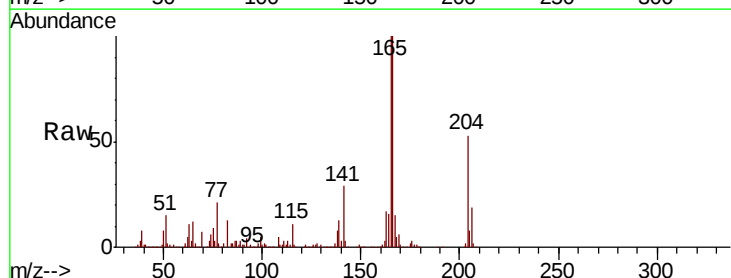
Manual Integrations  
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#58  
Fluorene  
Concen: 44.337 ng  
RT: 15.62 min Scan# 2133  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 661756 |       |       |
| 165     | 100.1 |        | 80.8  | 121.2 |
| 167     | 14.7  |        | 12.1  | 18.1  |





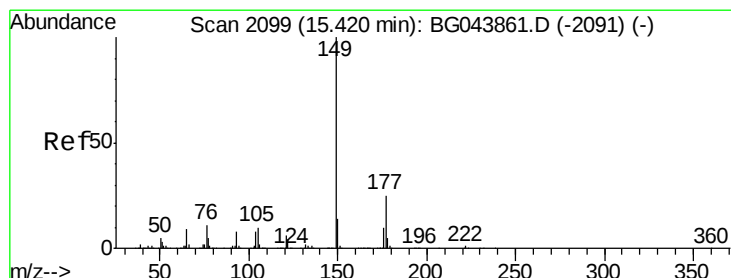
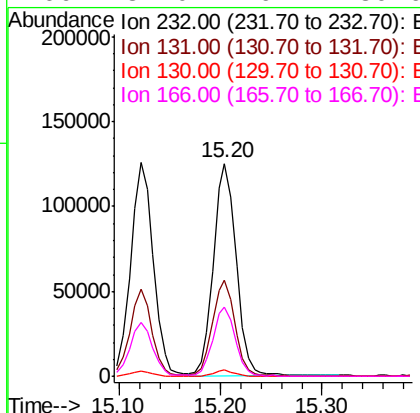
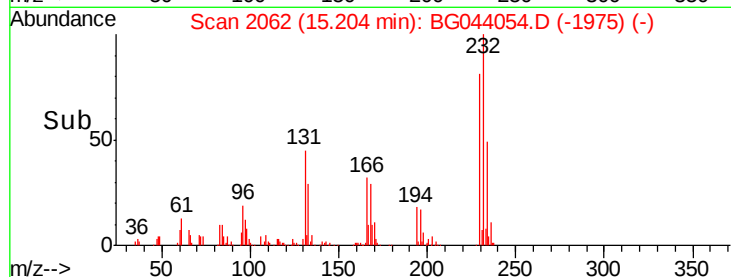
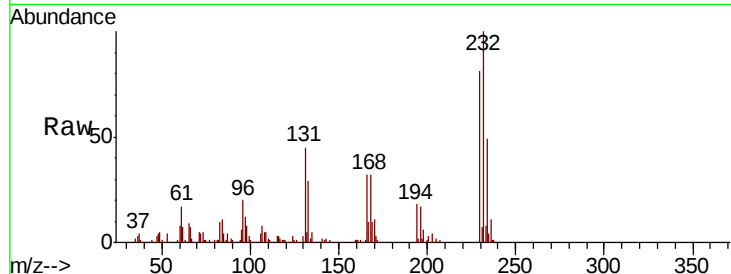
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.495 ng  
 RT: 15.20 min Scan# 2062  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126104BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 194799 |       |       |
| 131     | 44.5  |        | 38.2  | 57.2  |
| 130     | 2.5   |        | 2.2   | 3.2   |
| 166     | 32.0  |        | 26.4  | 39.6  |

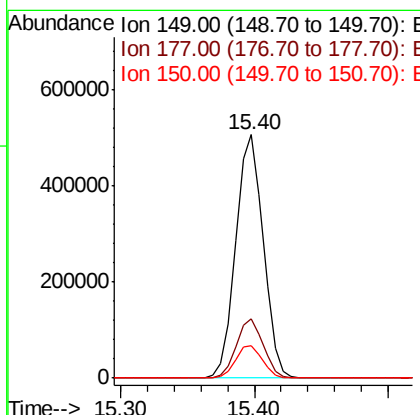
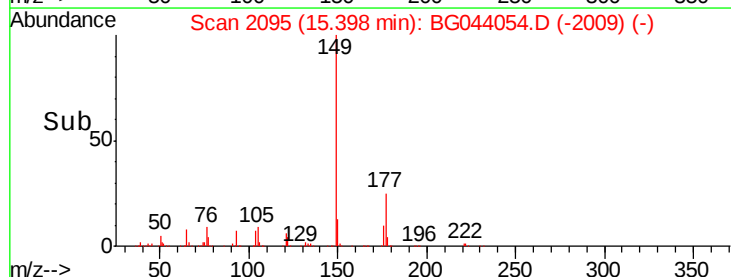
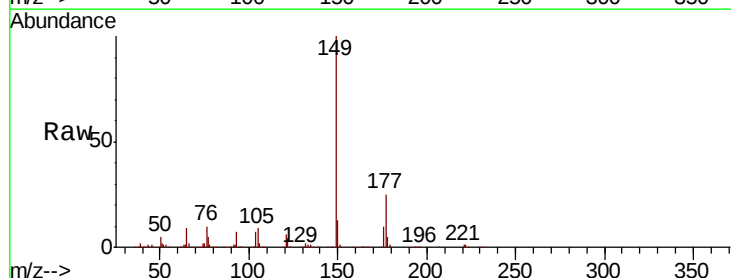
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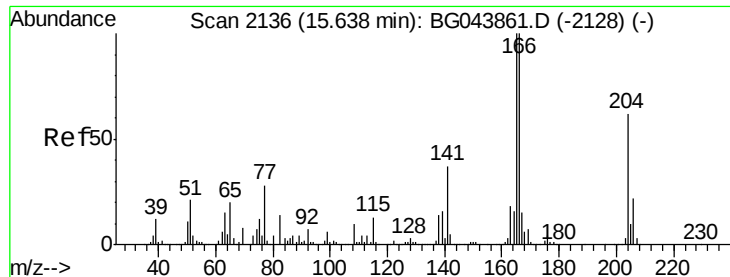
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#60  
 Diethylphthalate  
 Concen: 43.535 ng  
 RT: 15.40 min Scan# 2095  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 724231 |       |       |
| 177     | 24.6  |        | 20.0  | 30.0  |
| 150     | 13.2  |        | 11.1  | 16.7  |





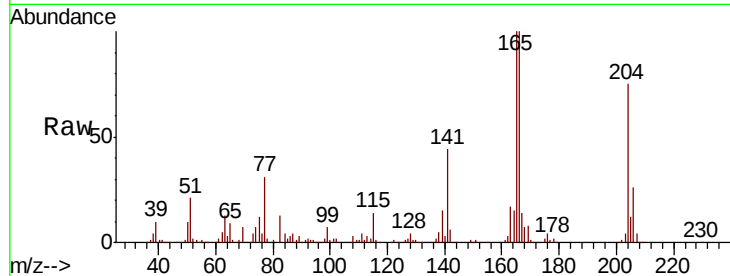
#61  
4-Chlorophenyl-phenylether  
Concen: 42.182 ng  
RT: 15.62 min Scan# 2132  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.0  | 28.2  | 42.2  |
| 141     | 58.1  | 48.2  | 72.2  |

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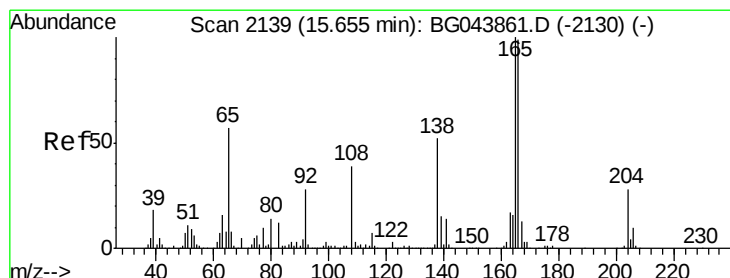
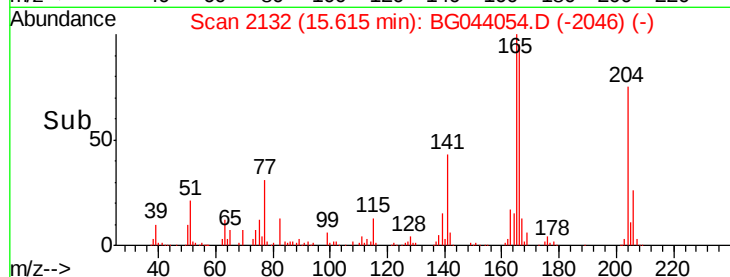
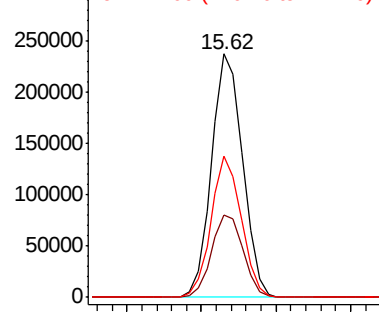


Abundance

Ion 204.00 (203.70 to 204.70): E

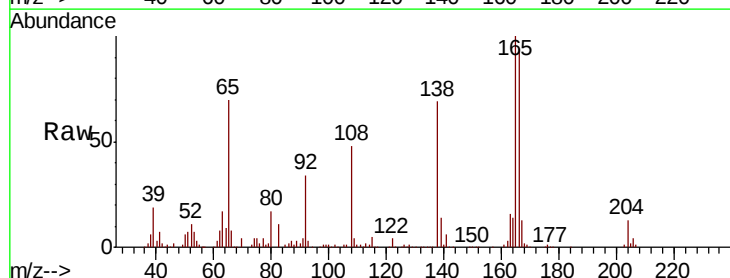
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 39.720 ng  
RT: 15.64 min Scan# 2136  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.0  | 34.3  | 74.3  |
| 108     | 70.1  | 55.0  | 95.0  |

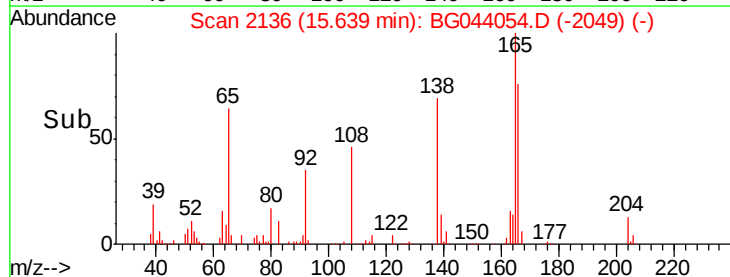
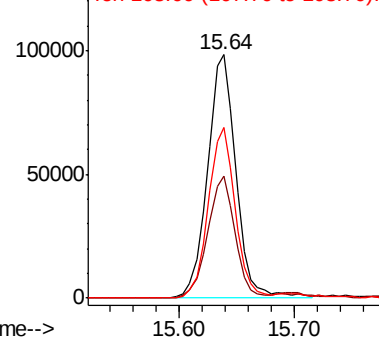


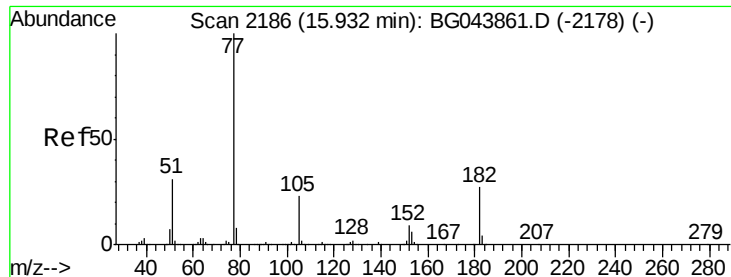
Abundance

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





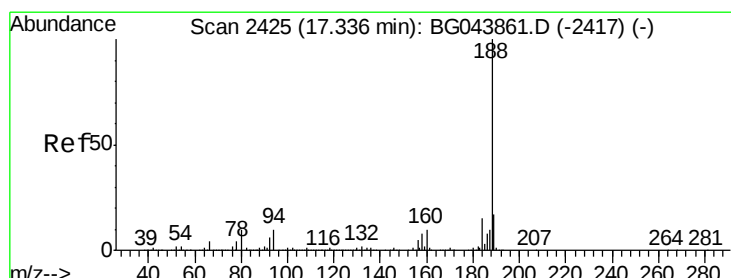
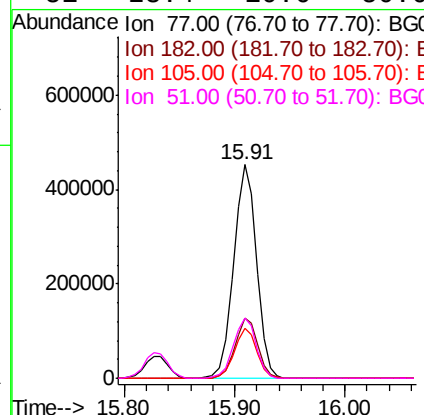
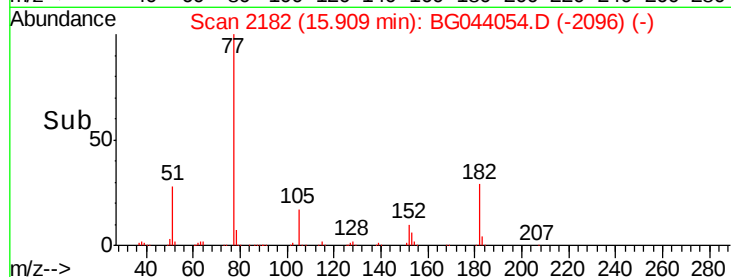
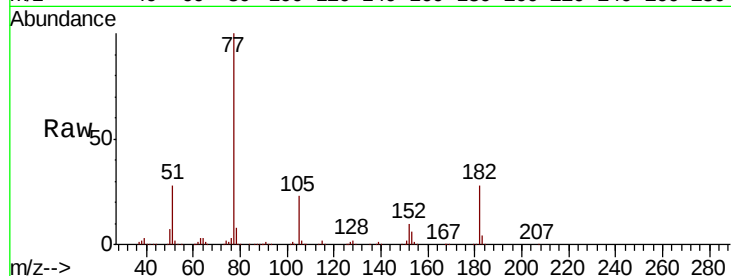
#63  
Azobenzene  
Concen: 42.482 ng  
RT: 15.91 min Scan# 2182  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.0  | 7.3   | 47.3  |
| 105     | 23.2  | 3.2   | 43.2  |
| 51      | 28.4  | 10.6  | 50.6  |

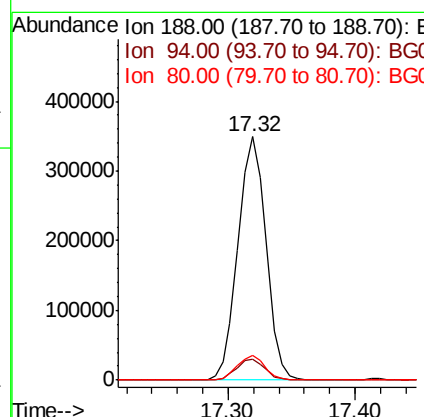
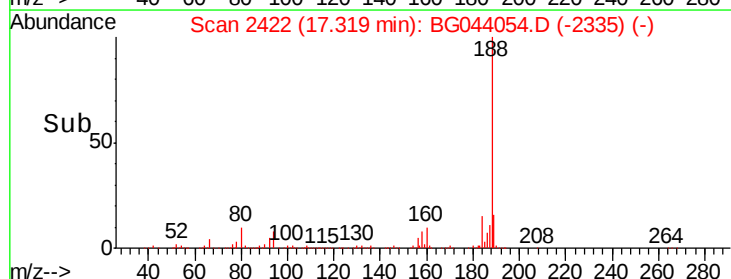
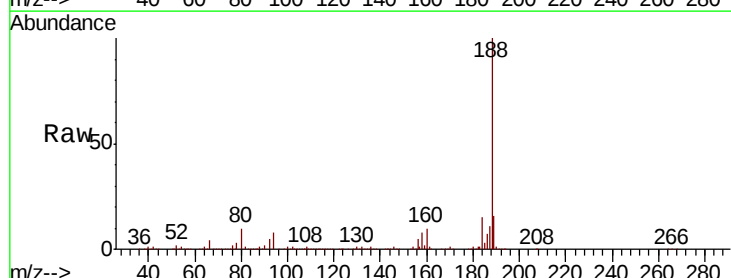
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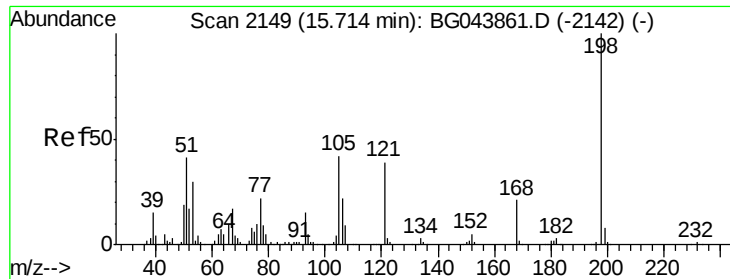
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.32 min Scan# 2422  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.4   | 7.9   | 11.9  |
| 80      | 10.1  | 8.2   | 12.4  |





#65

4,6-Dinitro-2-methylphenol

Concen: 50.375 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA\_G

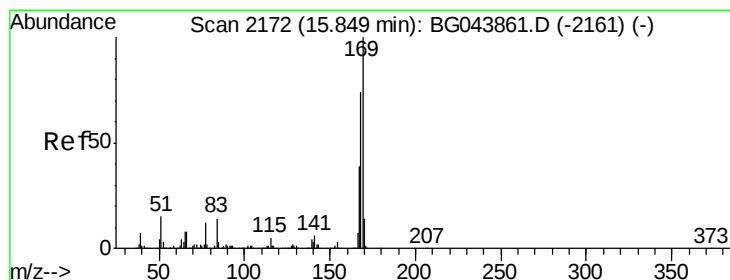
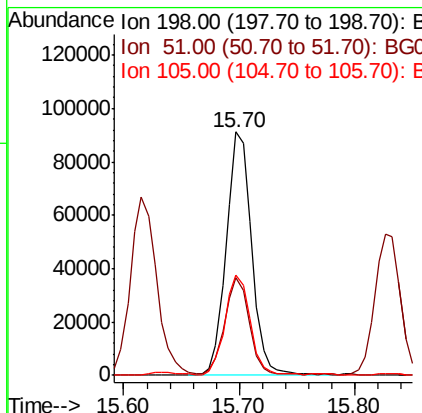
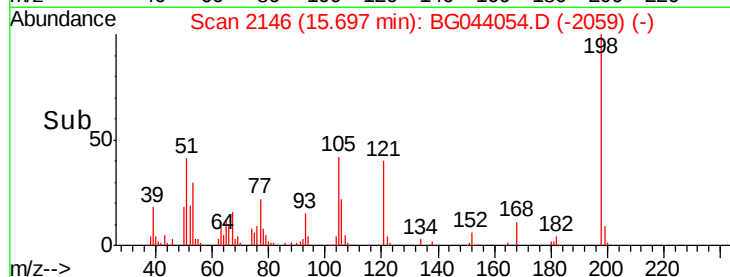
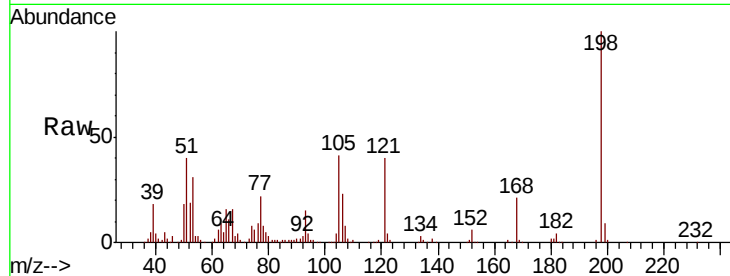
ClientSampleId :

PB126104BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 139121 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 40.4  | 22.5  | 62.5   |
| 105       | 41.3  | 22.3  | 62.3   |

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#66

n-Nitrosodiphenylamine

Concen: 40.579 ng

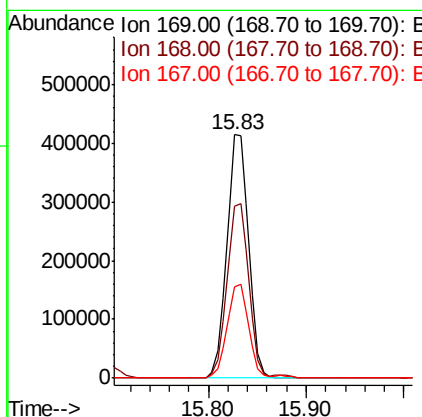
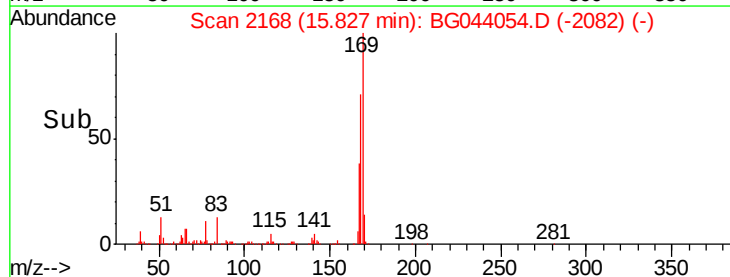
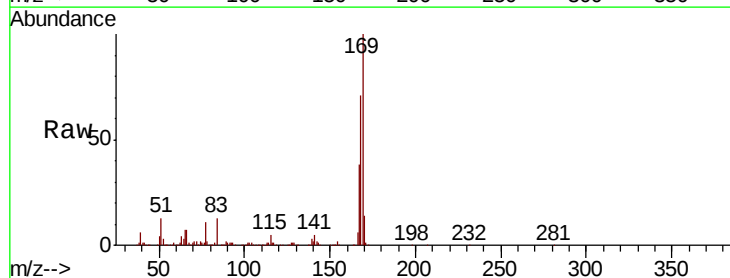
RT: 15.83 min Scan# 2168

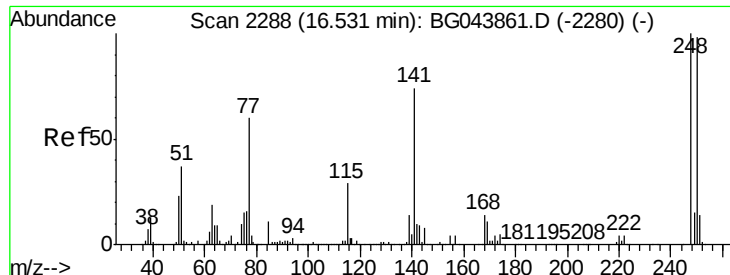
Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 637524 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 70.9  | 59.0  | 88.6   |
| 167       | 37.5  | 31.4  | 47.0   |





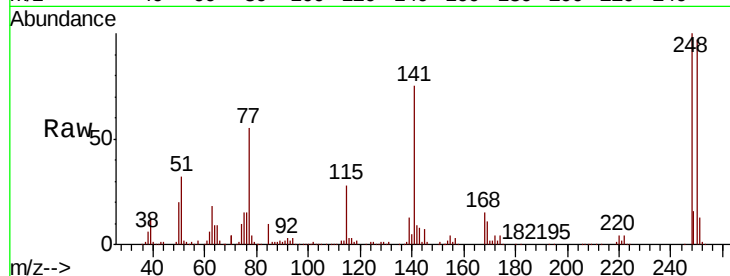
#67  
4-Bromophenyl-phenylether  
Concen: 37.380 ng  
RT: 16.51 min Scan# 2284  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.1  | 78.2  | 117.2 |
| 141     | 75.0  | 59.3  | 88.9  |

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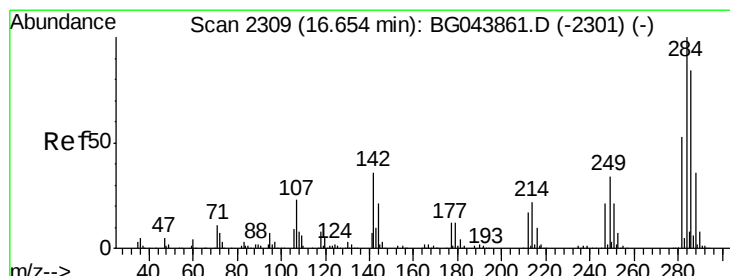
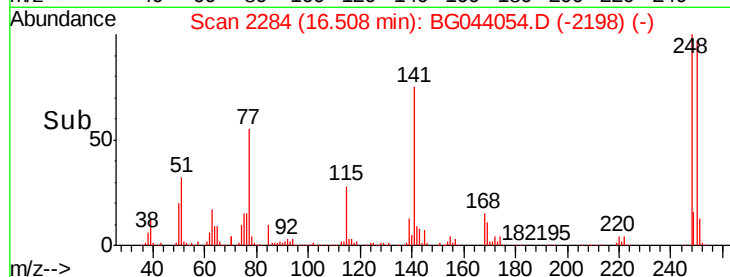
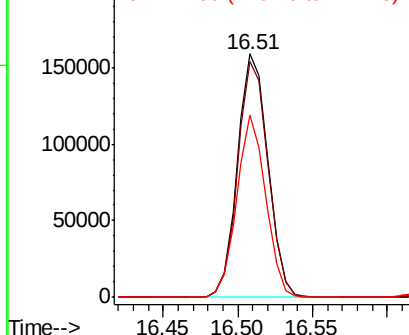


Abundance

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: 37.935 ng  
RT: 16.63 min Scan# 2305  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

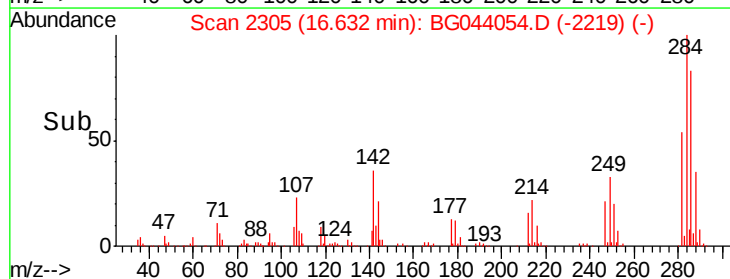
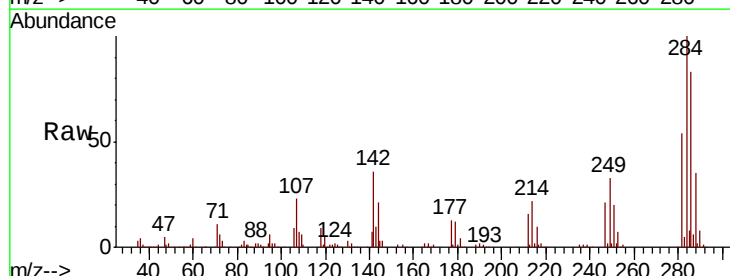
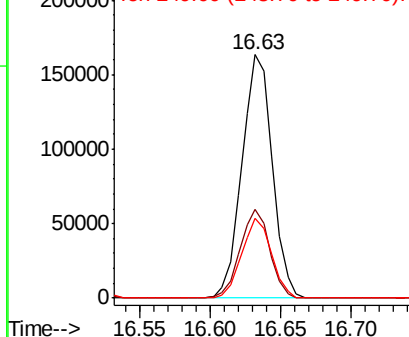
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.3  | 28.6  | 43.0  |
| 249     | 32.7  | 27.0  | 40.6  |

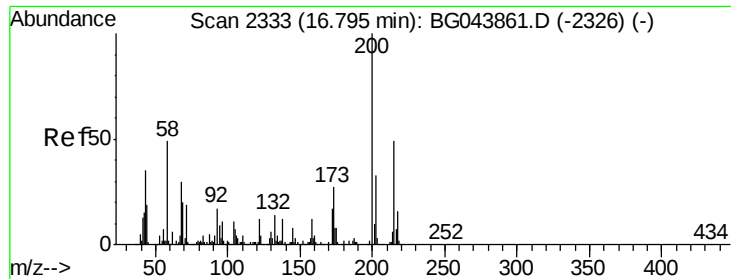
Abundance

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





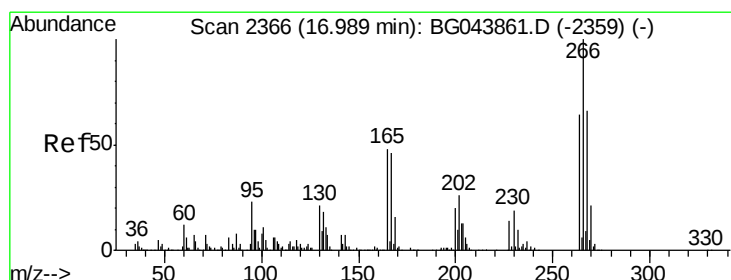
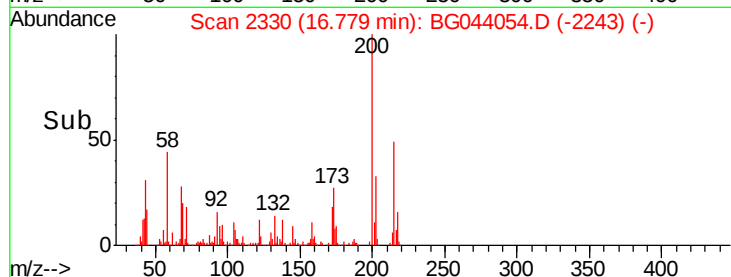
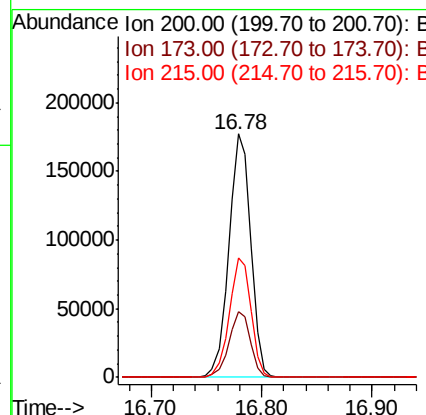
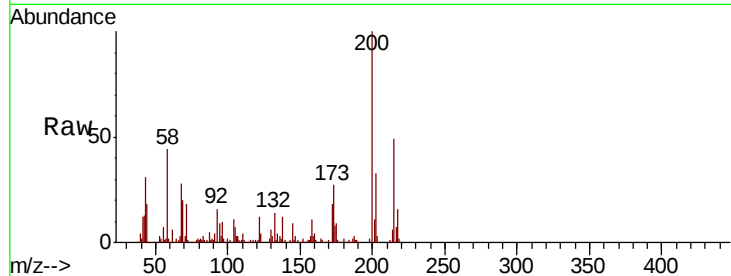
#69  
Atrazine  
Concen: 48.092 ng  
RT: 16.78 min Scan# 2330  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 27.1  | 6.6        | 46.6  |
| 215     | 49.1  | 28.6       | 68.6  |

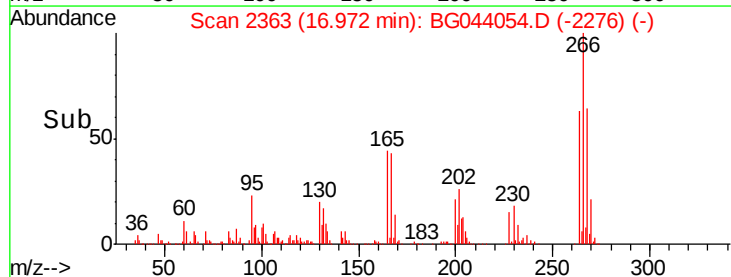
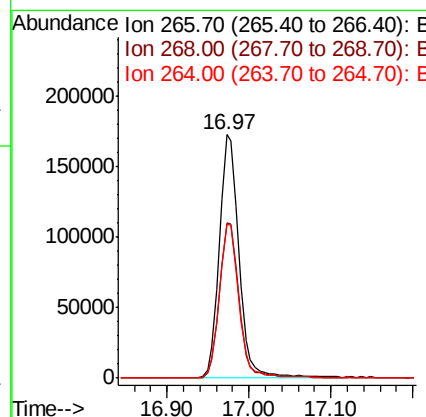
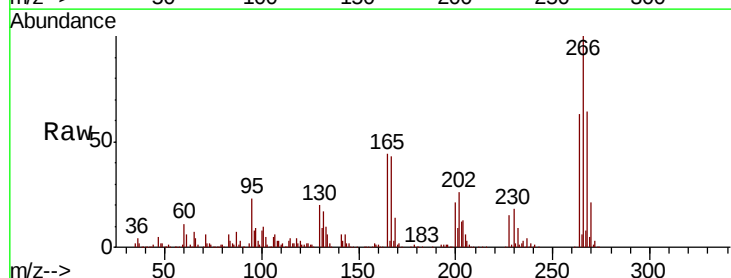
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#70  
Pentachlorophenol  
Concen: 81.865 ng  
RT: 16.97 min Scan# 2363  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.8  | 52.6       | 79.0  |
| 264     | 63.1  | 50.8       | 76.2  |





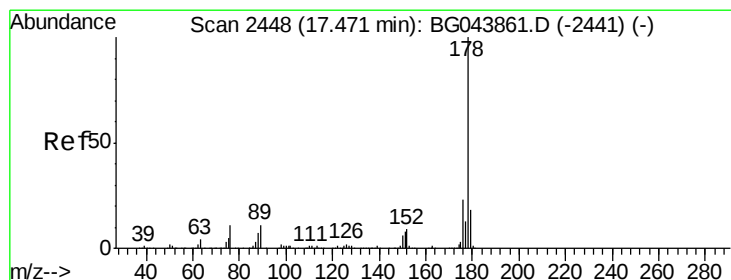
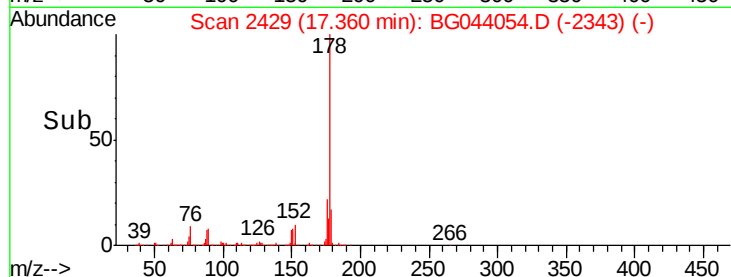
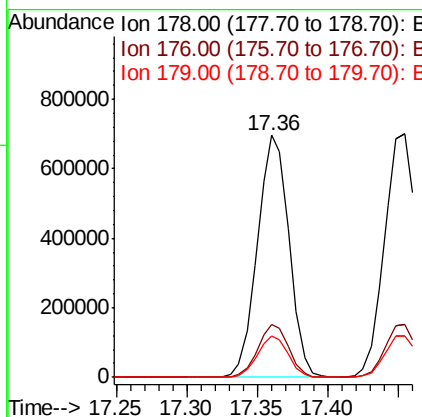
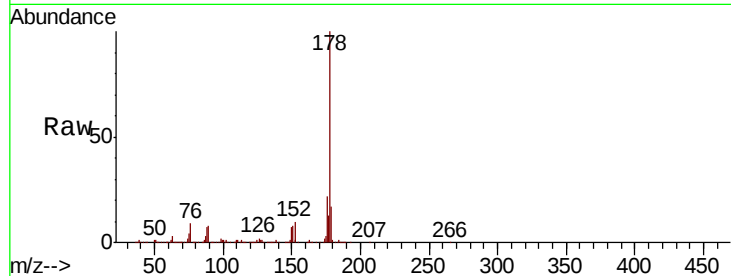
#71  
Phenanthrene  
Concen: 42.760 ng  
RT: 17.36 min Scan# 2429  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

Tot Ion:178 Resp: 1094183  
Ion Ratio Lower Upper  
178 100  
176 22.0 18.6 28.0  
179 17.3 14.4 21.6

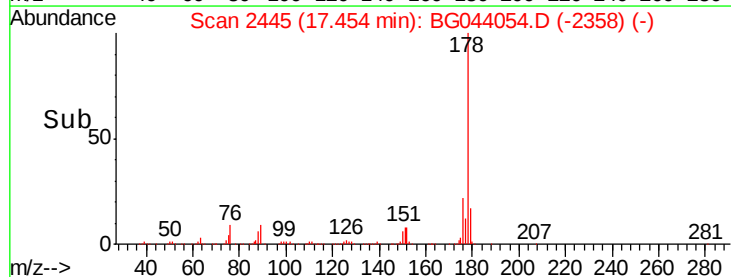
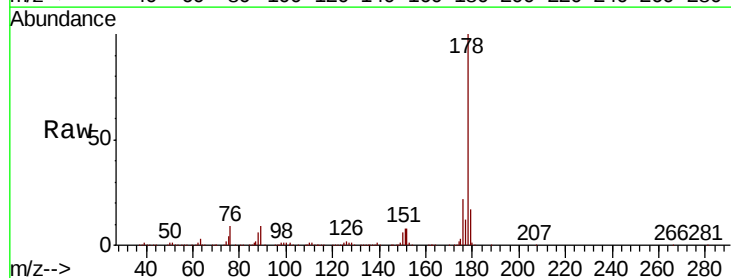
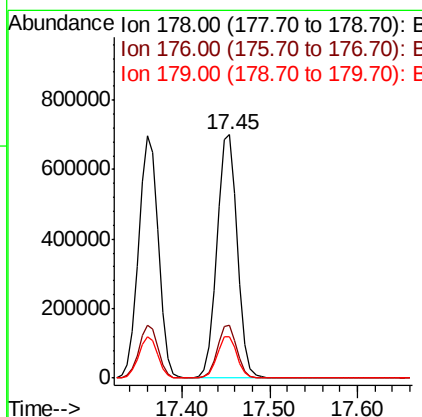
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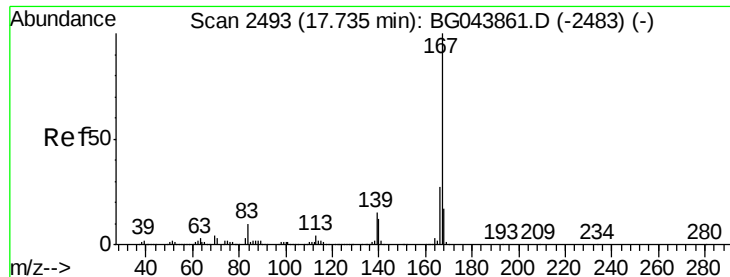
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#72  
Anthracene  
Concen: 44.594 ng  
RT: 17.45 min Scan# 2445  
Delta R.T. -0.02 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Tgt Ion:178 Resp: 1127753  
Ion Ratio Lower Upper  
178 100  
176 21.5 18.3 27.5  
179 16.9 14.6 22.0





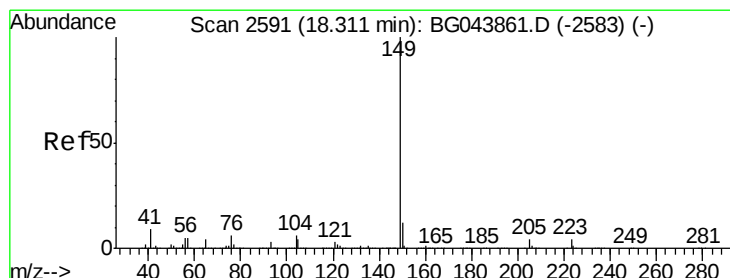
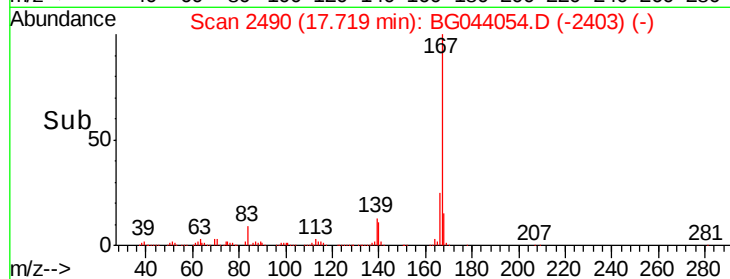
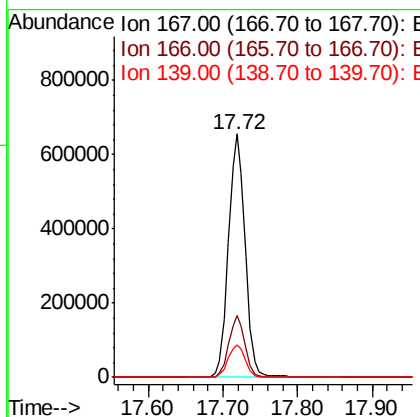
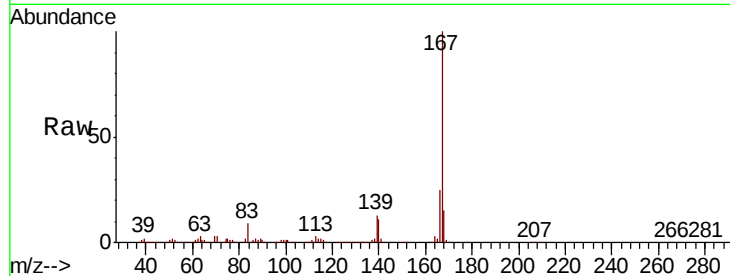
#73  
 Carbazole  
 Concen: 43.994 ng  
 RT: 17.72 min Scan# 2490  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 25.2  | 21.6  | 32.4  |
| 139     | 13.4  | 12.1  | 18.1  |

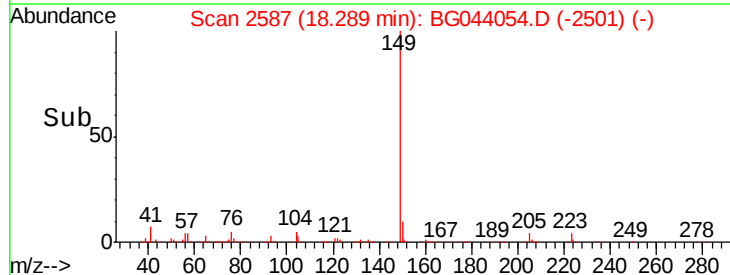
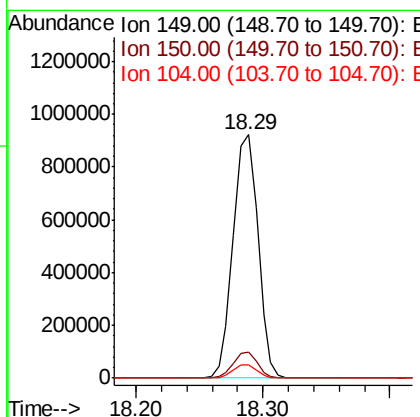
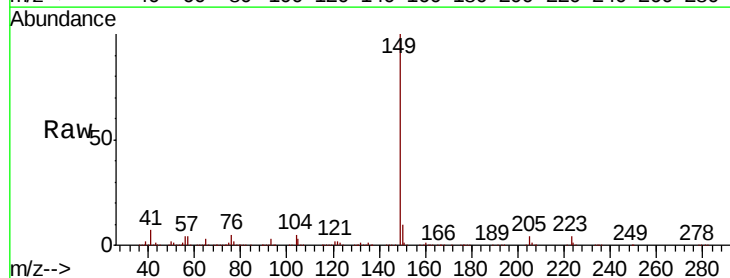
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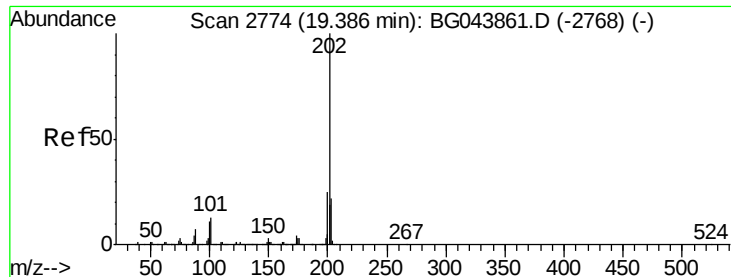
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#74  
 Di-n-butylphthalate  
 Concen: 42.015 ng  
 RT: 18.29 min Scan# 2587  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.5  | 9.7   | 14.5  |
| 104     | 5.3   | 5.0   | 7.4   |





#75

Fluoranthene

Concen: 43.143 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA\_G

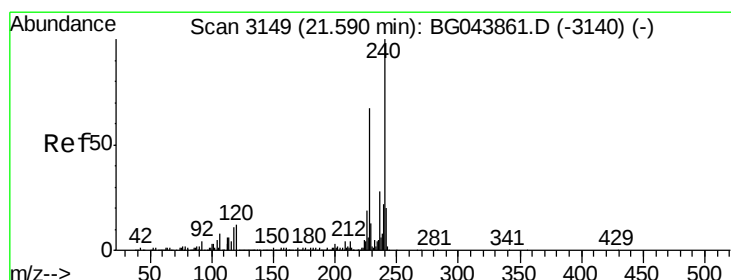
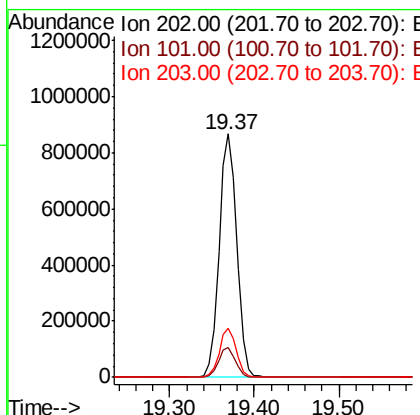
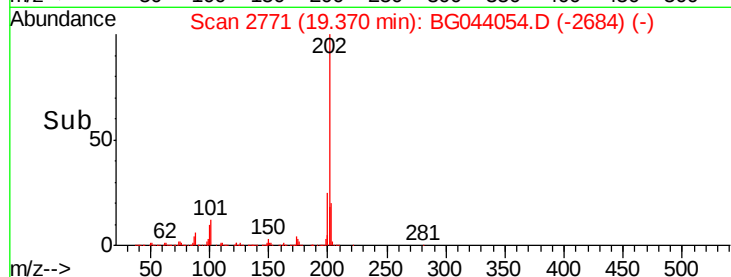
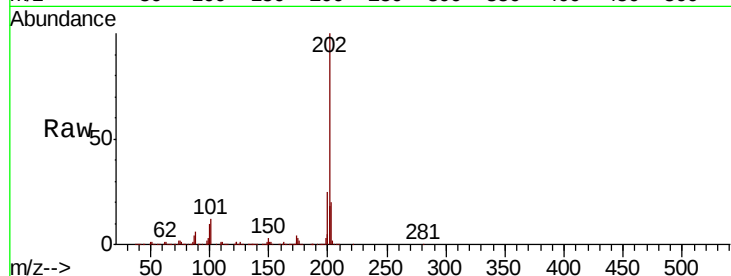
ClientSampleId :

PB126104BS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1262551 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 12.2  | 0.0   | 33.3    |
| 203       | 20.3  | 1.6   | 41.6    |

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#76

Chrysene-d12

Concen: 20.000 ng

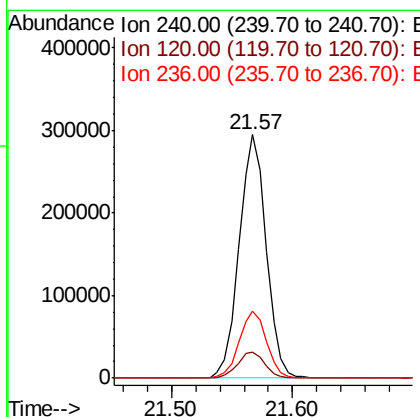
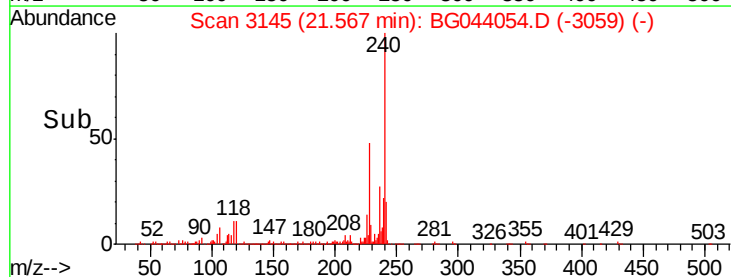
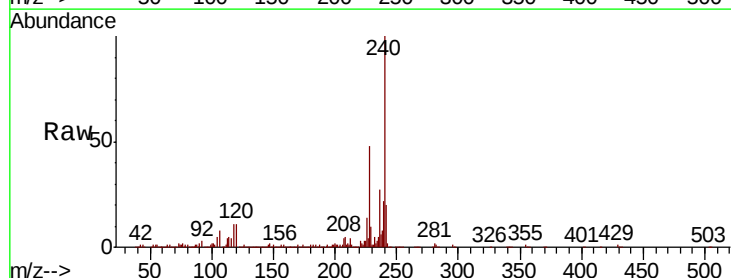
RT: 21.57 min Scan# 3145

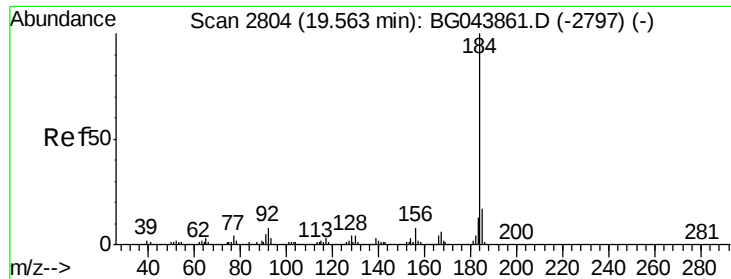
Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 460476 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.7  | 9.6   | 14.4   |
| 236       | 27.3  | 22.2  | 33.2   |





#77

Benzidine

Concen: 49.707 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA\_G

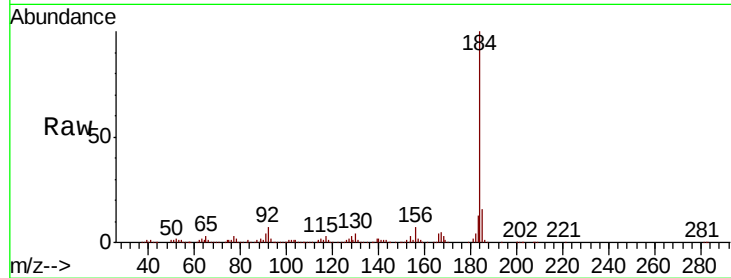
ClientSampleId :

PB126104BS

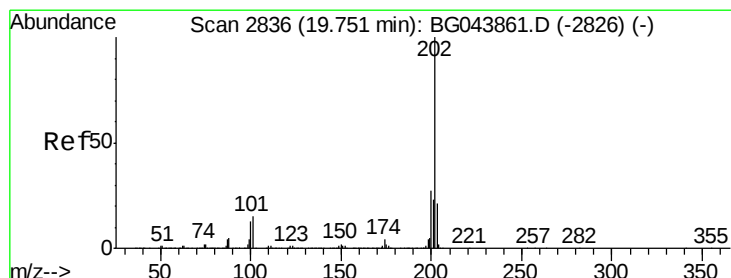
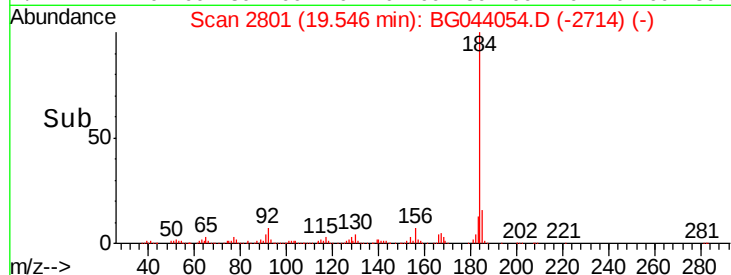
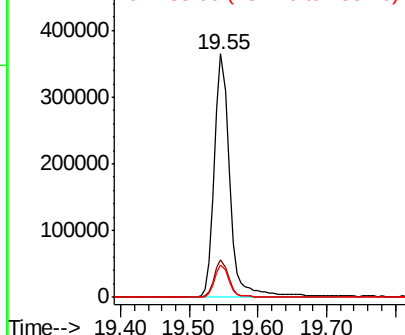
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 575323 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.6  | 13.4  | 20.0   |
| 183       | 13.2  | 10.6  | 15.8   |

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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.797 ng

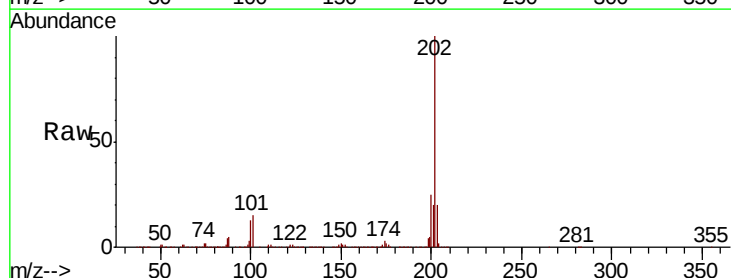
RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

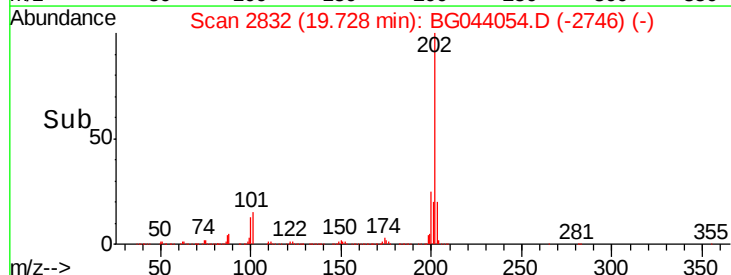
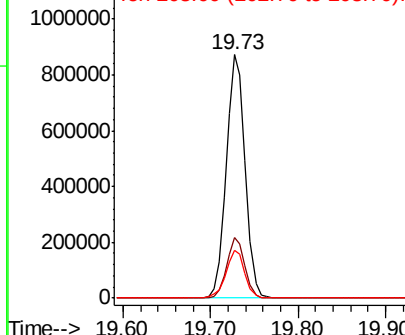
Lab File: BG044054.D

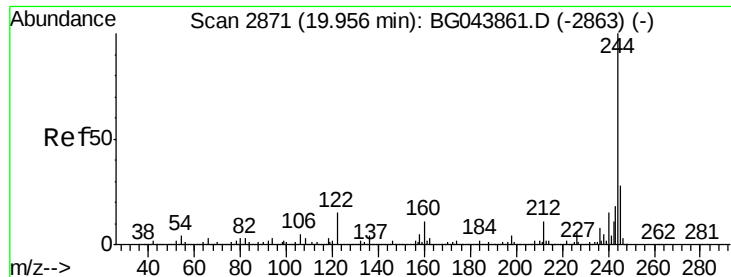
Acq: 15 Jan 2020 17:50

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1286359 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 24.7  | 21.7  | 32.5    |
| 203       | 19.8  | 17.0  | 25.6    |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





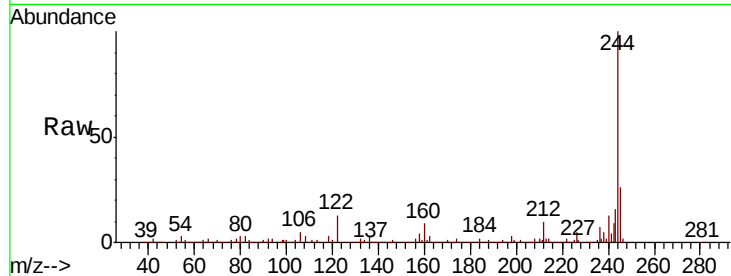
#79  
 Terphenyl-d14  
 Concen: 97.745 ng  
 RT: 19.93 min Scan# 2867  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.7   | 8.6   | 13.0  |
| 122     | 13.1  | 11.9  | 17.9  |

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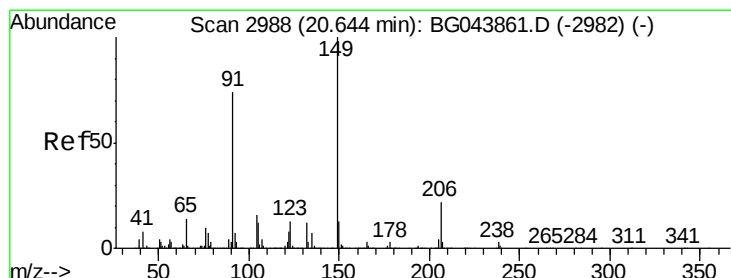
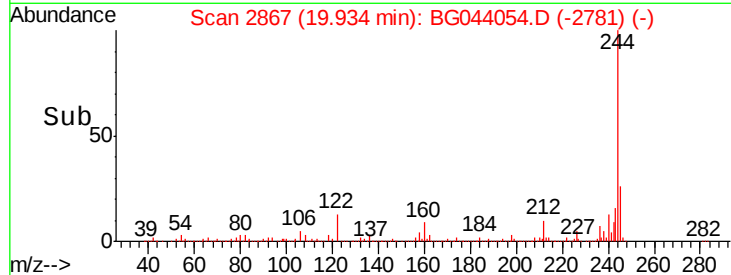
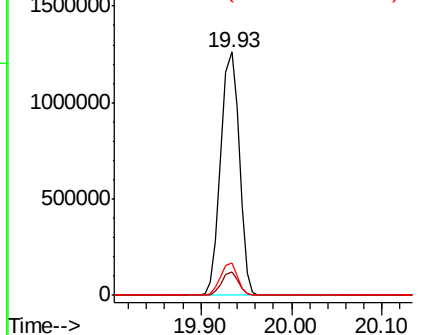


Abundance

Ion 244.00 (243.70 to 244.70): E

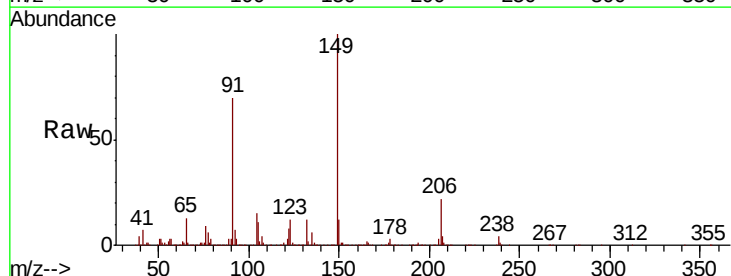
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80  
 Butylbenzylphthalate  
 Concen: 41.011 ng  
 RT: 20.62 min Scan# 2984  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.7  | 59.5  | 89.3  |
| 206     | 21.8  | 17.8  | 26.6  |

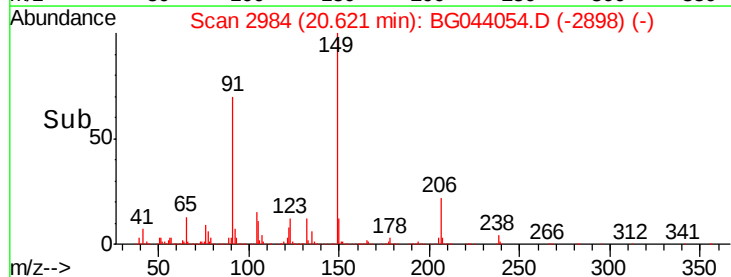
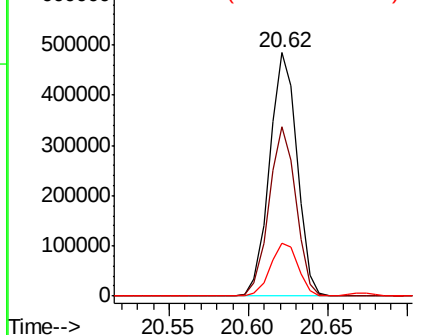


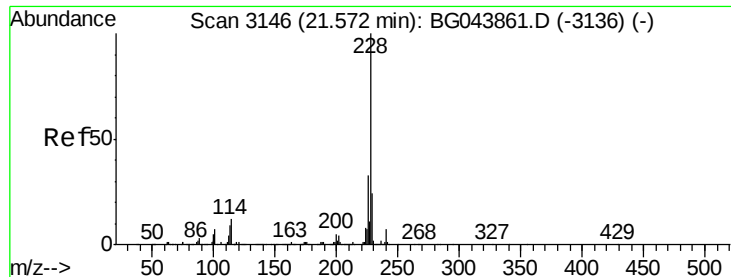
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.121 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA\_G

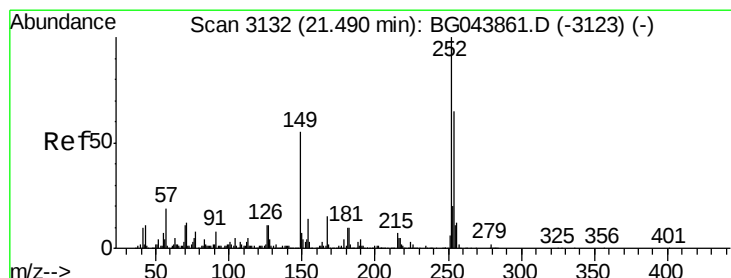
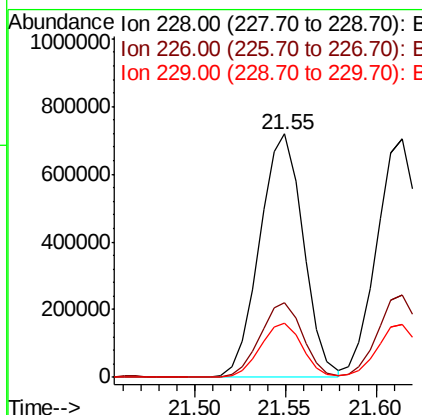
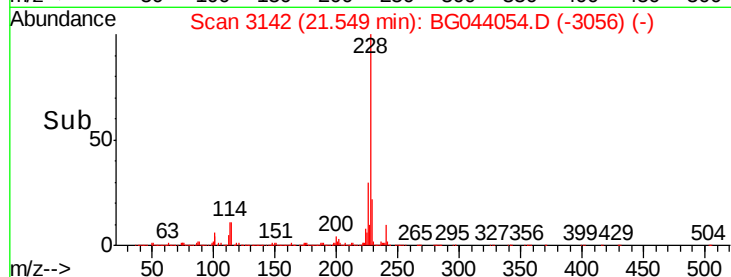
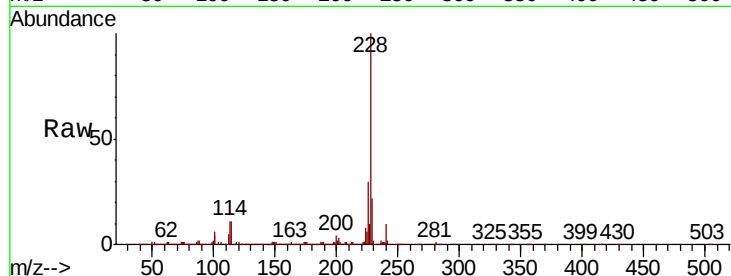
ClientSampleId :

PB126104BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1202676 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 30.5  | 26.2  | 39.4    |
| 229      | 22.1  | 18.9  | 28.3    |

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#82

3,3'-Dichlorobenzidine

Concen: 29.883 ng

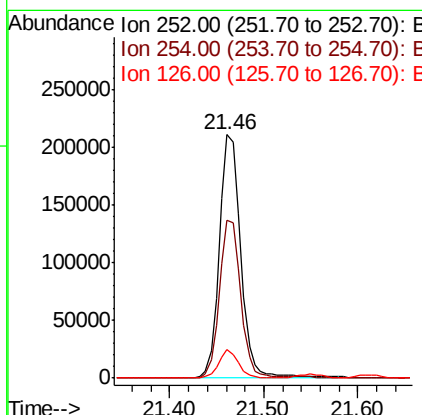
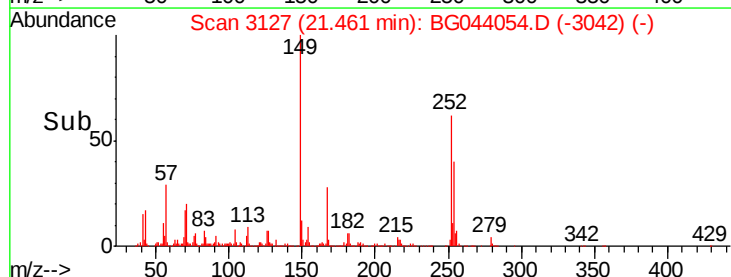
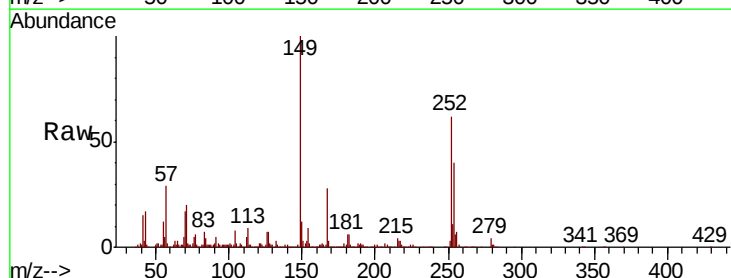
RT: 21.46 min Scan# 3127

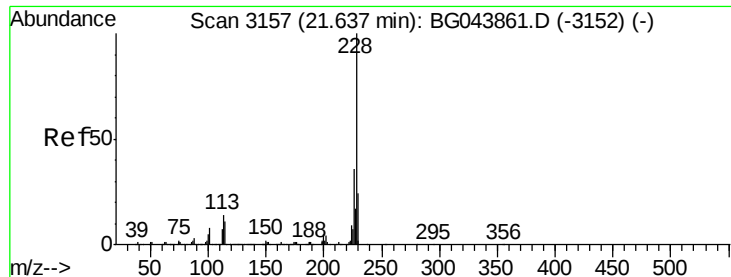
Delta R.T. -0.03 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 337097 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 64.6  | 52.1  | 78.1   |
| 126      | 11.5  | 9.1   | 13.7   |





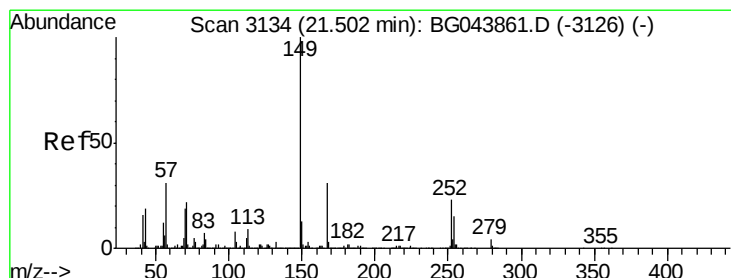
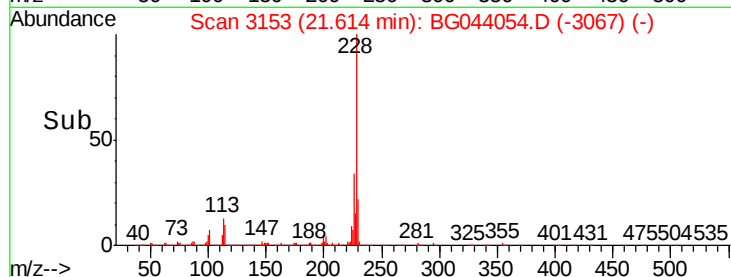
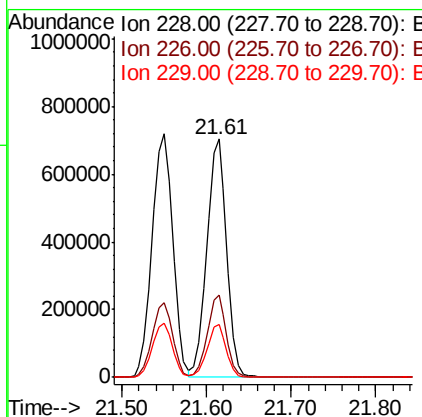
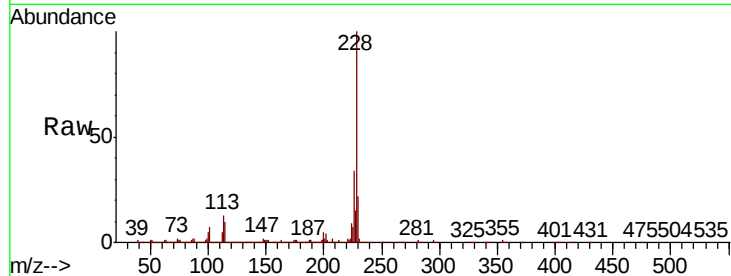
#83  
 Chrysene  
 Concen: 42.636 ng  
 RT: 21.61 min Scan# 3153  
 Delta R.T. -0.02 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB126104BS

Tot Ion: 228 Resp: 1156742  
 Ion Ratio Lower Upper  
 228 100  
 226 34.3 28.8 43.2  
 229 22.4 19.0 28.6

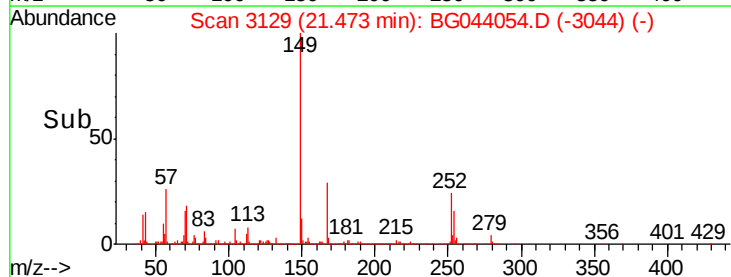
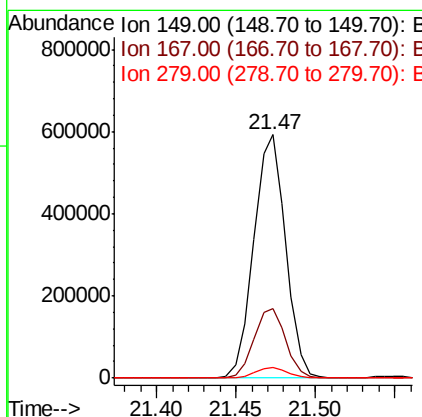
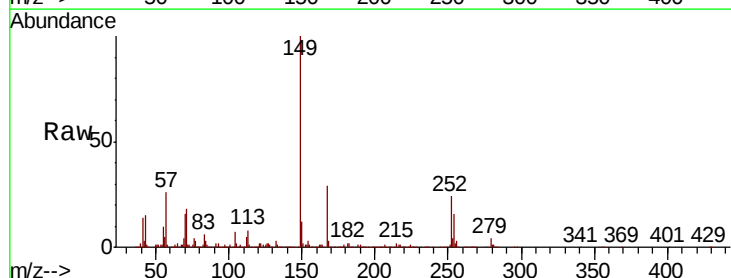
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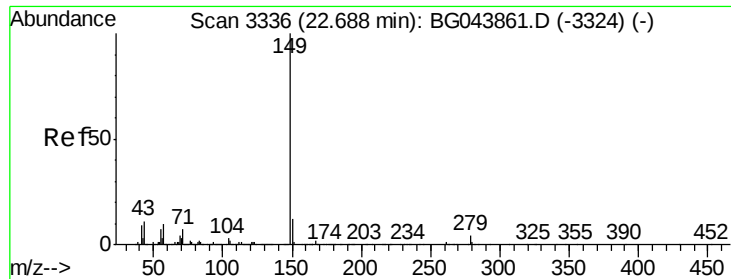
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.788 ng  
 RT: 21.47 min Scan# 3129  
 Delta R.T. -0.03 min  
 Lab File: BG044054.D  
 Acq: 15 Jan 2020 17:50

Tgt Ion: 149 Resp: 825099  
 Ion Ratio Lower Upper  
 149 100  
 167 28.7 24.7 37.1  
 279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.634 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.04 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA\_G

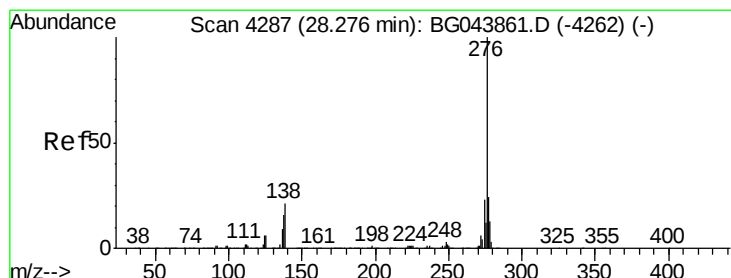
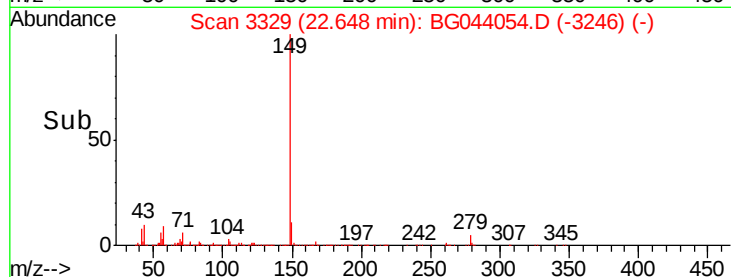
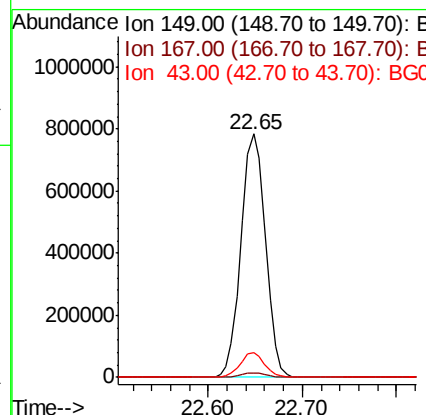
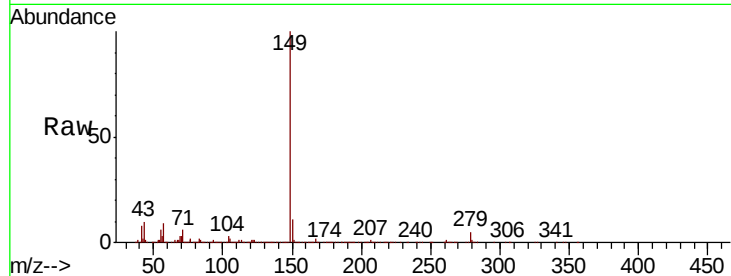
ClientSampleId :

PB126104BS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 149   | Resp: | 1415204 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.8   | 1.4   | 2.0     |
| 43        | 9.5   | 8.8   | 13.2    |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 39.943 ng

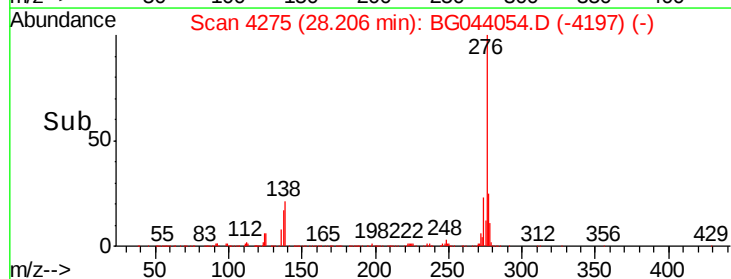
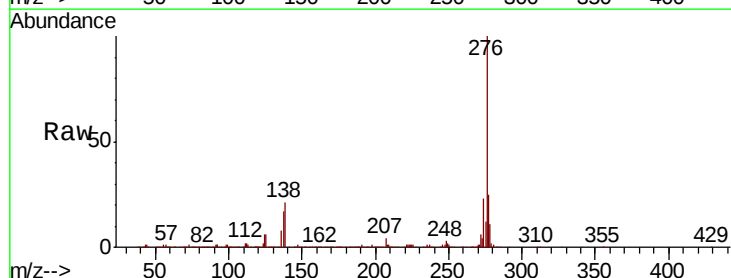
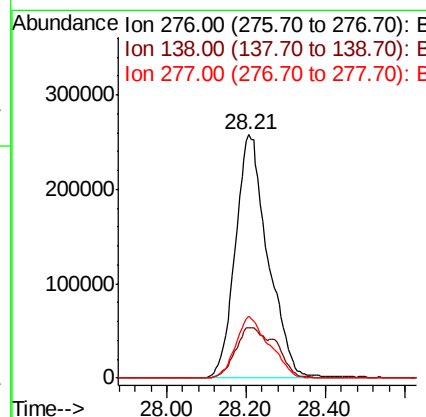
RT: 28.21 min Scan# 4275

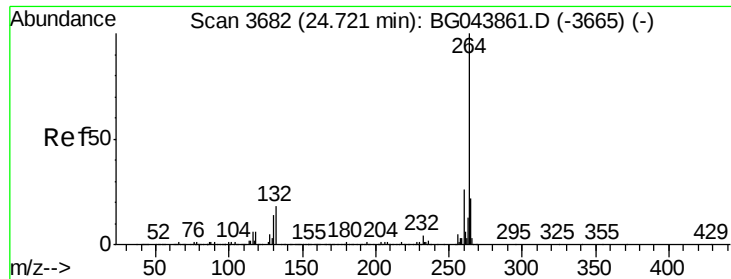
Delta R.T. -0.07 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 1472718 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 138       | 18.3  | 21.0  | 31.4#   |
| 277       | 26.2  | 21.1  | 31.7    |





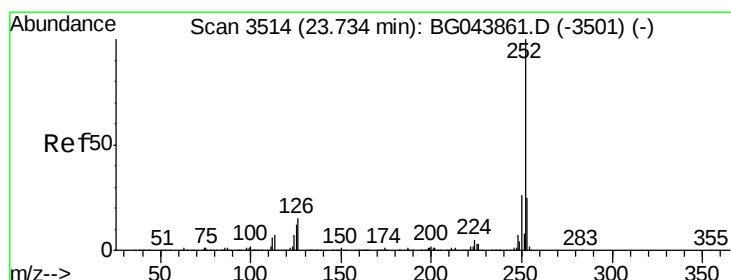
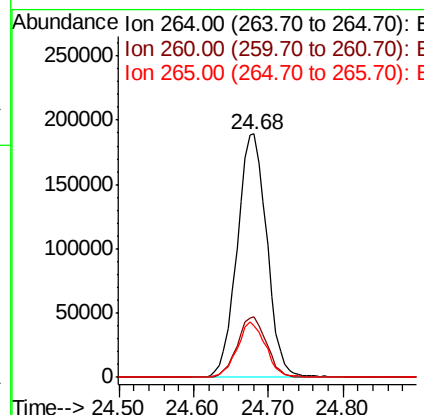
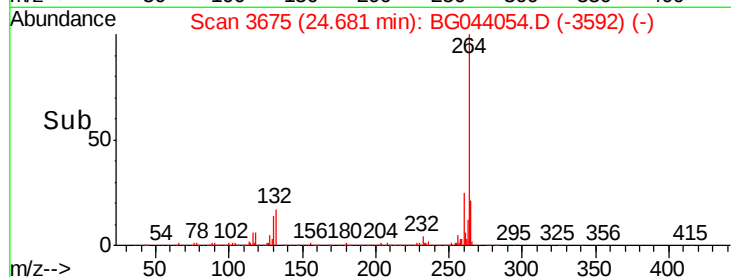
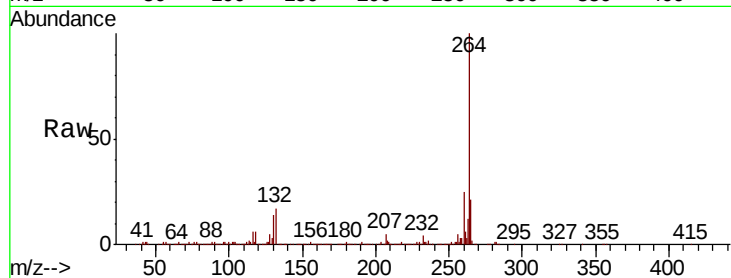
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.68 min Scan# 3675  
Delta R.T. -0.04 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 20.4  | 30.6  |
| 265     | 21.0  | 17.4  | 26.2  |

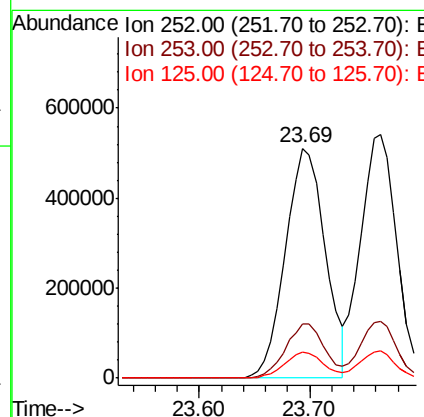
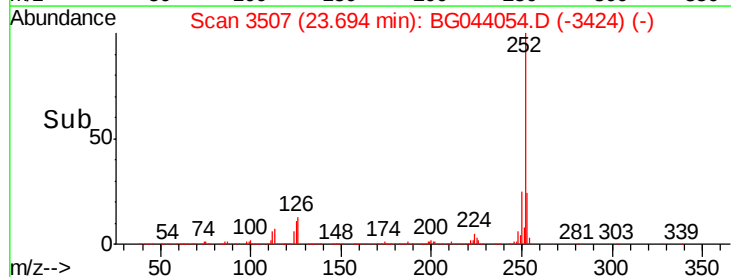
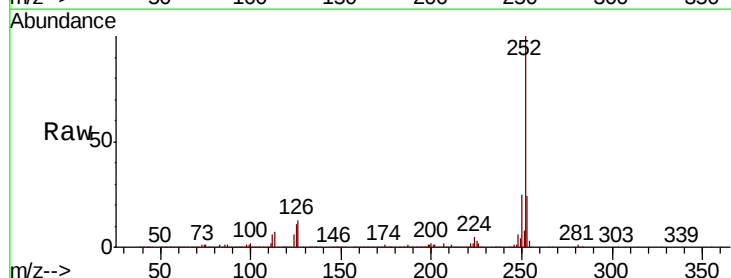
Manual Integrations  
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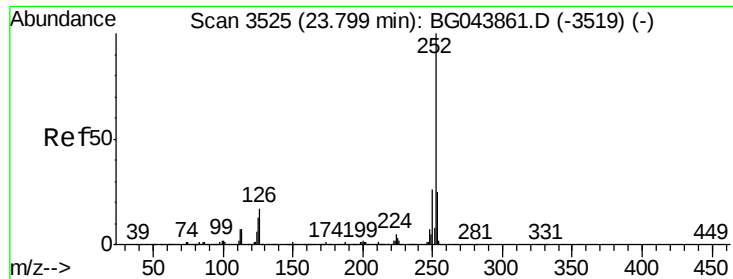
mohammad  
1/16/2020 2:25:51 PM



#88  
Benzo(b)fluoranthene  
Concen: 41.079 ng  
RT: 23.69 min Scan# 3507  
Delta R.T. -0.04 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.8  | 19.7  | 29.5  |
| 125     | 11.2  | 9.4   | 14.2  |





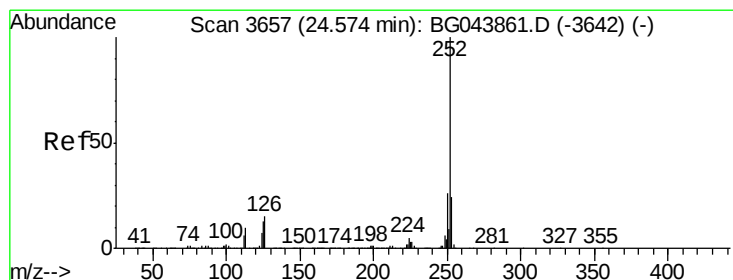
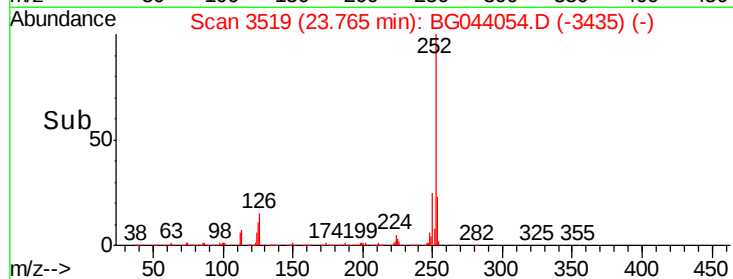
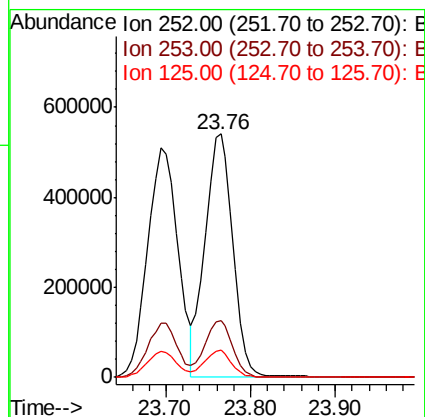
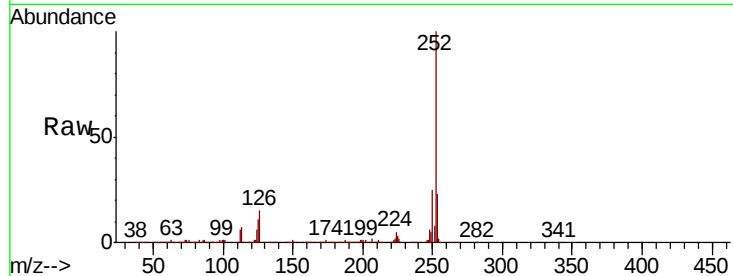
#89  
Benzo(k)fluoranthene  
Concen: 42.291 ng  
RT: 23.76 min Scan# 3519  
Delta R.T. -0.03 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 19.4  | 29.2  |
| 125     | 11.3  | 9.9   | 14.9  |

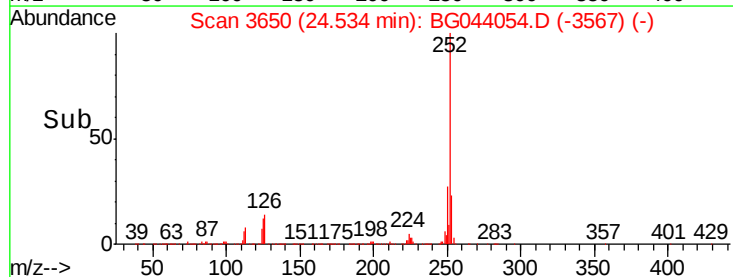
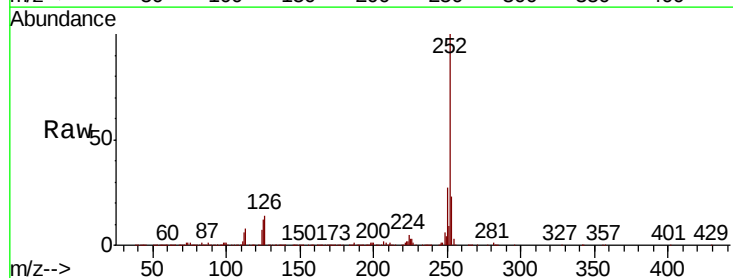
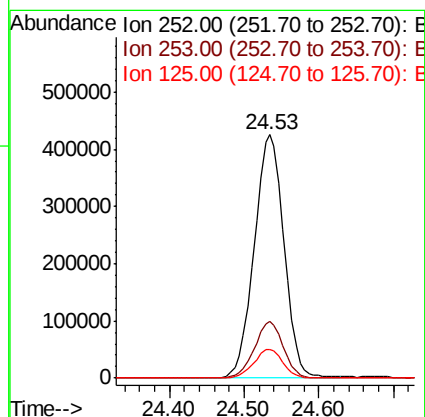
Manual Integrations  
APPROVED

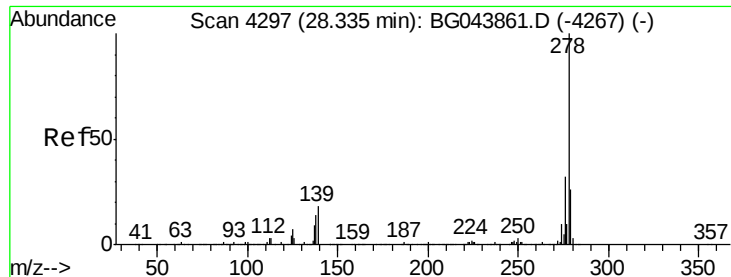
mohammad  
1/16/2020 2:25:51 PM



#90  
Benzo(a)pyrene  
Concen: 40.310 ng  
RT: 24.53 min Scan# 3650  
Delta R.T. -0.04 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 19.3  | 28.9  |
| 125     | 11.8  | 10.4  | 15.6  |





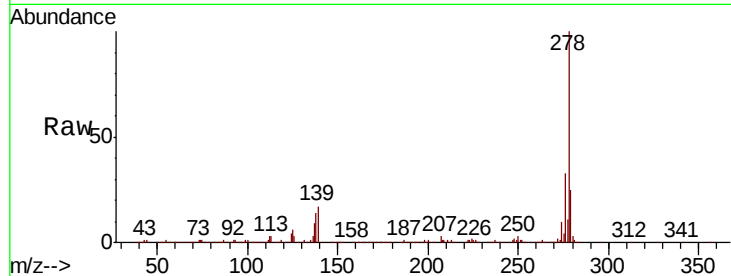
#91  
Dibenzo(a,h)anthracene  
Concen: 41.275 ng  
RT: 28.27 min Scan# 4286  
Delta R.T. -0.06 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

Instrument :  
BNA\_G  
ClientSampleId :  
PB126104BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.7  | 14.2  | 21.4  |
| 279     | 25.2  | 20.6  | 30.8  |

Manual Integrations  
APPROVED

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1/16/2020 2:25:51 PM

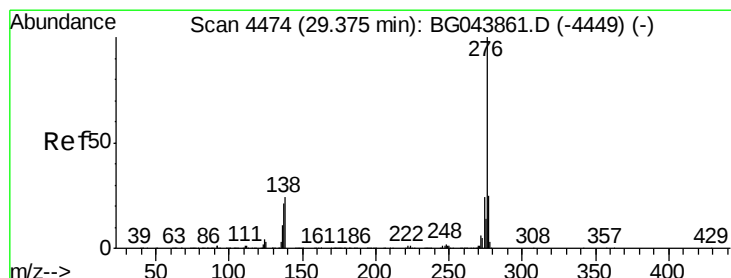
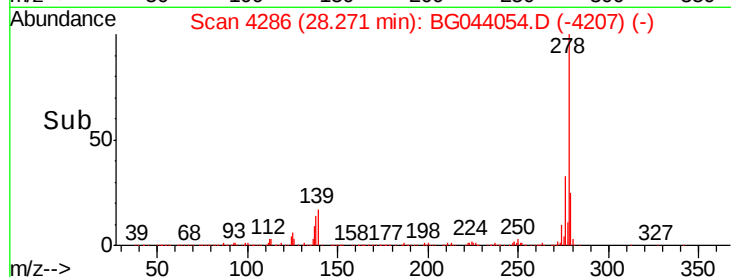
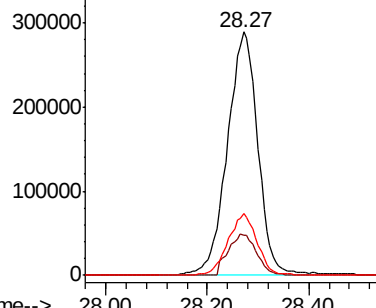


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 42.448 ng  
RT: 29.32 min Scan# 4464  
Delta R.T. -0.06 min  
Lab File: BG044054.D  
Acq: 15 Jan 2020 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.7  | 20.2  | 30.4  |
| 138     | 22.1  | 19.0  | 28.6  |

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

