

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\  
 Data File : BG045556.D  
 Acq On : 1 Jun 2020 15:15  
 Operator : CG/JU  
 Sample : PB129209BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129209BS

Manual Integrations  
 APPROVED

mohammad  
 6/2/2020 3:22:42 PM

Quant Time: Jun 01 15:52:15 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 01 15:07:00 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 62390    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.76 | 136  | 249576   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.60 | 164  | 185317   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.35 | 188  | 451183   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.60 | 240  | 410170   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.75 | 264  | 457105   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.54  | 112 | 485431  | 152.06 | ng | 0.00 |
| 7) Phenol-d6             | 7.15  | 99  | 683684  | 150.46 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.11  | 82  | 430948  | 94.16  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.09 | 330 | 336397  | 141.94 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.22 | 172 | 999290  | 91.47  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.96 | 244 | 1701301 | 96.74  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.39  | 88  | 60867  | 38.448 | ng | 95     |
| 3) Pyridine                    | 3.80  | 79  | 140072 | 31.769 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.71  | 42  | 64377  | 44.621 | ng | 91     |
| 6) Aniline                     | 7.28  | 93  | 252569 | 42.581 | ng | 99     |
| 8) 2-Chlorophenol              | 7.53  | 128 | 176145 | 50.314 | ng | 99     |
| 9) Benzaldehyde                | 7.08  | 77  | 115173 | 38.904 | ng | 95     |
| 10) Phenol                     | 7.18  | 94  | 240230 | 51.298 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.37  | 93  | 162127 | 44.385 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.84  | 146 | 187423 | 44.549 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 7.99  | 146 | 187195 | 45.087 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.30  | 146 | 178326 | 44.657 | ng | 98     |
| 15) Benzyl Alcohol             | 8.20  | 79  | 180639 | 48.124 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.48  | 45  | 151593 | 43.721 | ng | 98     |
| 17) 2-Methylphenol             | 8.42  | 107 | 162906 | 46.475 | ng | 98     |
| 18) Hexachloroethane           | 9.03  | 117 | 72567  | 45.635 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.76  | 70  | 148587 | 47.289 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.75  | 107 | 217994 | 45.671 | ng | # 91   |
| 22) Acetophenone               | 8.77  | 105 | 270806 | 45.781 | ng | # 98   |
| 24) Nitrobenzene               | 9.15  | 77  | 224319 | 45.747 | ng | 97     |
| 25) Isophorone                 | 9.68  | 82  | 411081 | 45.608 | ng | 98     |
| 26) 2-Nitrophenol              | 9.87  | 139 | 102198 | 48.721 | ng | # 88   |
| 27) 2,4-Dimethylphenol         | 9.95  | 122 | 166801 | 53.614 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.16 | 93  | 225866 | 47.783 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.43 | 162 | 181467 | 49.394 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.63 | 180 | 199859 | 46.038 | ng | 99     |
| 31) Naphthalene                | 10.81 | 128 | 542255 | 46.625 | ng | 99     |
| 32) Benzoic acid               | 10.13 | 122 | 107344 | 50.161 | ng | 94     |
| 33) 4-Chloroaniline            | 10.92 | 127 | 181682 | 37.372 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.10 | 225 | 138698 | 45.198 | ng | 97     |
| 35) Caprolactam                | 11.68 | 113 | 67295m | 49.904 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.07 | 107 | 210369 | 50.816 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.42 | 142 | 421444 | 48.619 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.64 | 142 | 398221 | 48.633 | ng | 93     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.79 | 216 | 236510 | 45.692 | ng | 98     |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129209BS

Manual Integrations  
 APPROVED

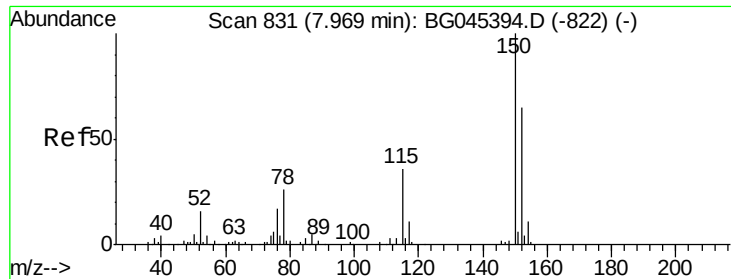
mohammad  
 6/2/2020 3:22:42 PM

Quant Time: Jun 01 15:52:15 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 01 15:07:00 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.78 | 237  | 269241   | 90.119 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.04 | 196  | 165871   | 46.130 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.12 | 196  | 179889   | 43.780 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 13.43 | 154  | 545280   | 47.887 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.47 | 162  | 417438   | 45.145 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.67 | 65   | 135585   | 44.577 | nq    | 90       |
| 49) Acenaphthylene             | 14.32 | 152  | 695873   | 46.853 | nq    | 99       |
| 50) Dimethylphthalate          | 14.05 | 163  | 577211   | 45.405 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.17 | 165  | 132663   | 46.247 | nq    | 97       |
| 52) Acenaphthene               | 14.66 | 154  | 503619m  | 50.656 | nq    |          |
| 53) 3-Nitroaniline             | 14.50 | 138  | 108720   | 37.283 | nq    | 96       |
| 54) 2,4-Dinitrophenol          | 14.71 | 184  | 147528   | 78.611 | nq    | 98       |
| 55) Dibenzofuran               | 15.00 | 168  | 678208   | 45.937 | nq    | 95       |
| 56) 4-Nitrophenol              | 14.85 | 139  | 200980   | 91.034 | nq    | 93       |
| 57) 2,4-Dinitrotoluene         | 14.96 | 165  | 192758   | 46.397 | nq    | 99       |
| 58) Fluorene                   | 15.65 | 166  | 564475   | 46.538 | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.24 | 232  | 171148   | 47.344 | nq    | 97       |
| 60) Diethylphthalate           | 15.42 | 149  | 599777   | 45.329 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.64 | 204  | 315339   | 45.433 | nq    | 97       |
| 62) 4-Nitroaniline             | 15.67 | 138  | 134778   | 44.273 | nq    | 94       |
| 63) Azobenzene                 | 15.93 | 77   | 578066   | 46.853 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.73 | 198  | 119017   | 45.294 | nq    | 93       |
| 66) n-Nitrosodiphenylamine     | 15.85 | 169  | 505694   | 46.681 | nq    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.53 | 248  | 217345   | 44.487 | nq    | 97       |
| 68) Hexachlorobenzene          | 16.66 | 284  | 237243   | 46.428 | nq    | 98       |
| 69) Atrazine                   | 16.80 | 200  | 193037   | 43.263 | nq    | 98       |
| 70) Pentachlorophenol          | 17.00 | 266  | 248678   | 93.725 | nq    | 98       |
| 71) Phenanthrene               | 17.39 | 178  | 923861   | 46.904 | nq    | 99       |
| 72) Anthracene                 | 17.48 | 178  | 952220   | 48.141 | nq    | 98       |
| 73) Carbazole                  | 17.75 | 167  | 867173   | 44.976 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.31 | 149  | 1030092  | 44.512 | nq    | 99       |
| 75) Fluoranthene               | 19.40 | 202  | 1140704  | 45.532 | nq    | 99       |
| 77) Benzidine                  | 19.58 | 184  | 700695   | 60.825 | nq    | 98       |
| 78) Pyrene                     | 19.76 | 202  | 1116234  | 47.740 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.65 | 149  | 456708   | 45.254 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.59 | 228  | 1095950  | 47.964 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.50 | 252  | 365551   | 40.785 | nq    | 98       |
| 83) Chrysene                   | 21.65 | 228  | 1045253  | 47.575 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.50 | 149  | 647841   | 46.698 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.69 | 149  | 1107832  | 46.495 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.33 | 276  | 1368741  | 47.641 | nq    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.75 | 252  | 1164971  | 47.521 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.82 | 252  | 1122056  | 48.718 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.61 | 252  | 1078674  | 47.245 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.38 | 278  | 1111071  | 48.426 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.45 | 276  | 1126934  | 49.112 | nq    | 99       |

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





#1

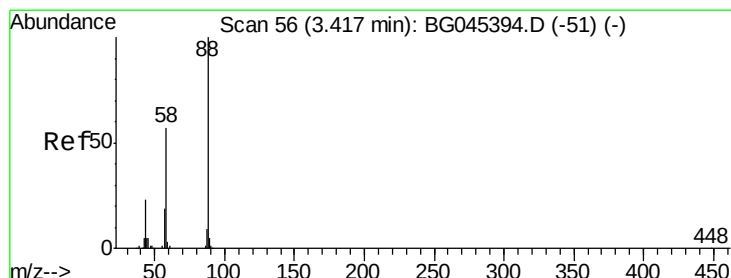
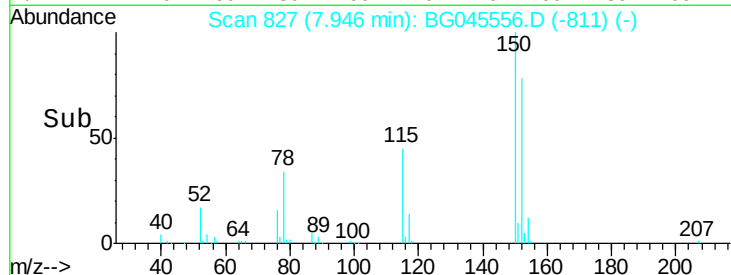
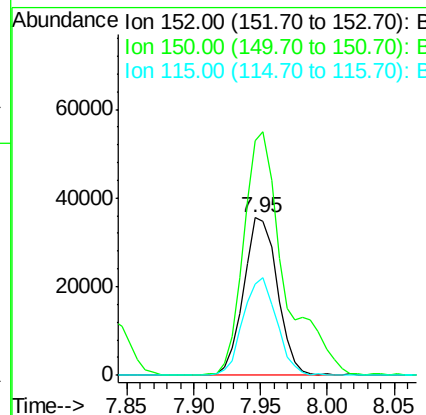
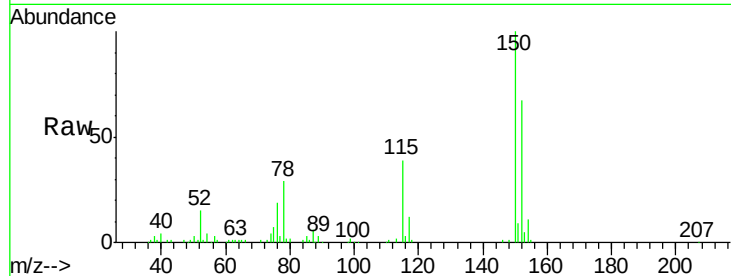
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 149.2 | 122.4 | 183.6 |
| 115     | 58.4  | 44.2  | 66.4  |

Manual Integrations  
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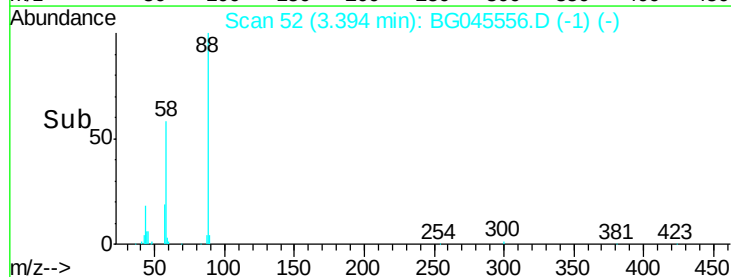
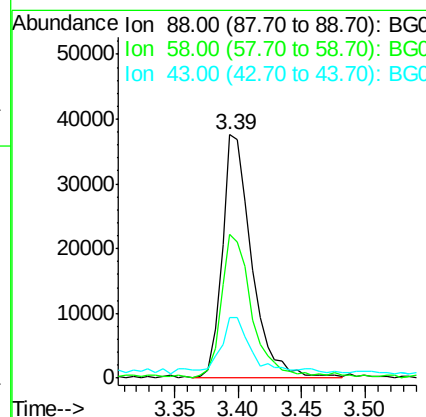
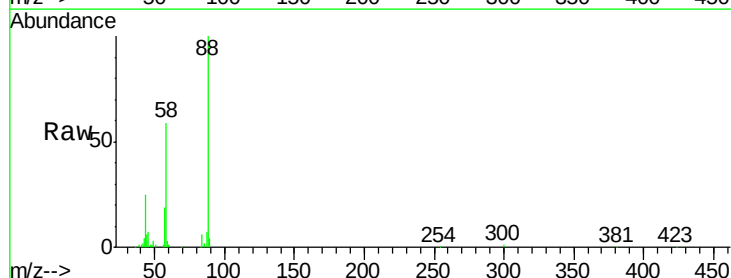
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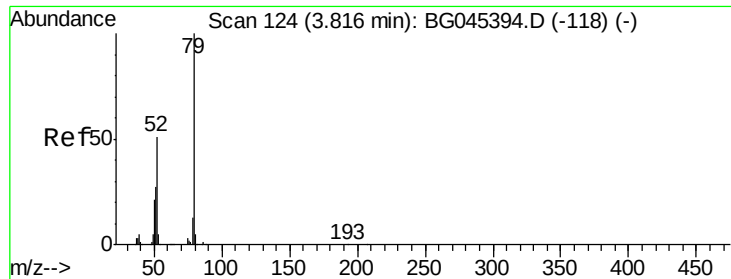


#2

1,4-Dioxane  
Concen: 38.448 ng  
RT: 3.39 min Scan# 52  
Delta R.T. -0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 61.9  | 45.7  | 68.5  |
| 43      | 21.9  | 16.8  | 25.2  |





#3

Pvridine

Concen: 31.769 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

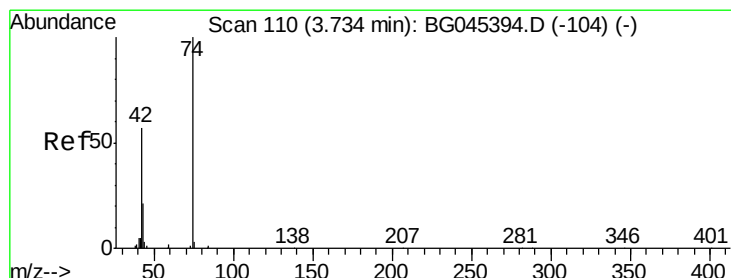
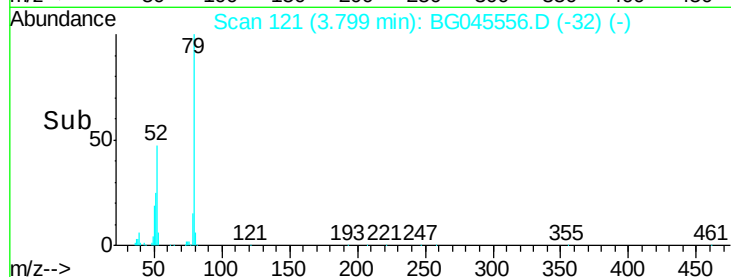
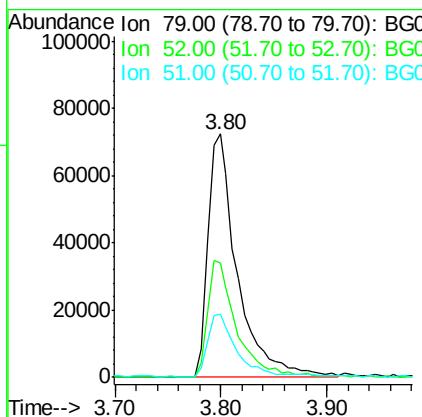
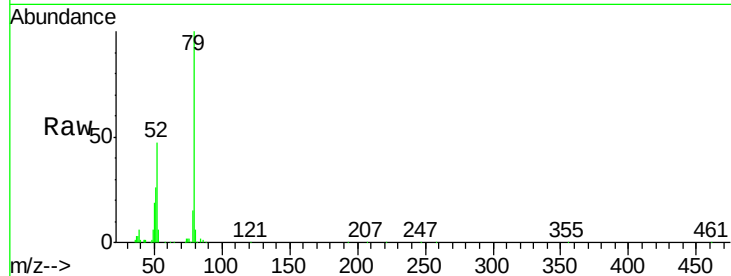
ClientSampleId :

PB129209BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 140072 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 46.7  | 40.8  | 61.2   |
| 51        | 25.9  | 21.9  | 32.9   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 44.621 ng

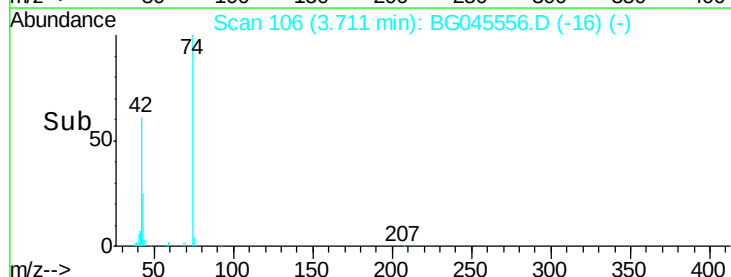
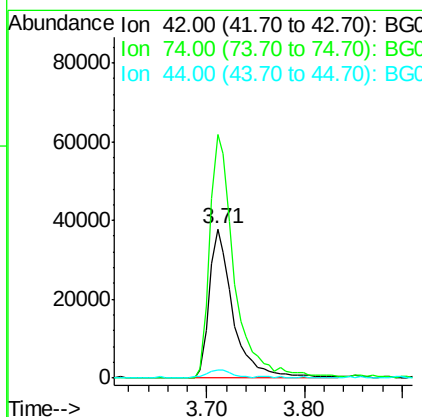
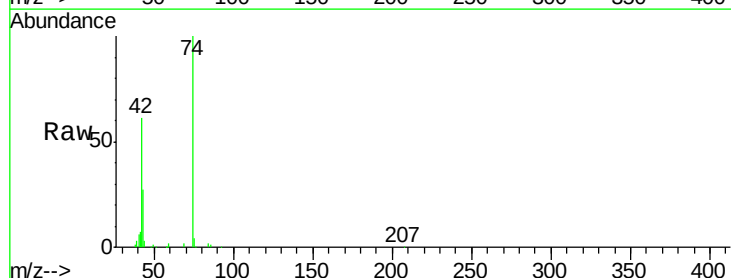
RT: 3.71 min Scan# 106

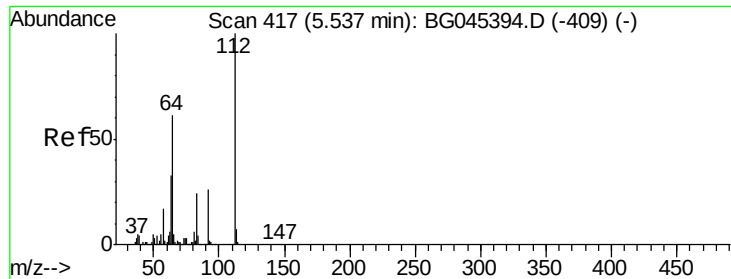
Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 64377 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 163.0 | 141.3 | 211.9 |
| 44        | 5.3   | 4.2   | 6.4   |





#5

2-Fluorophenol

Concen: 152.056 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

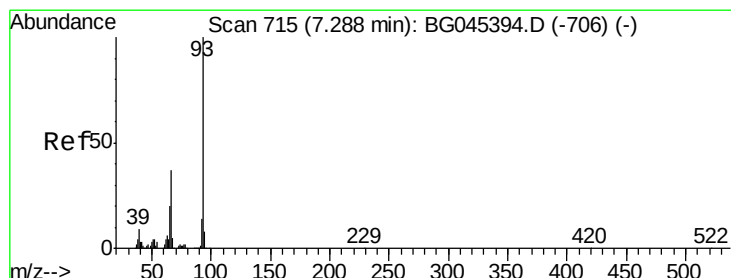
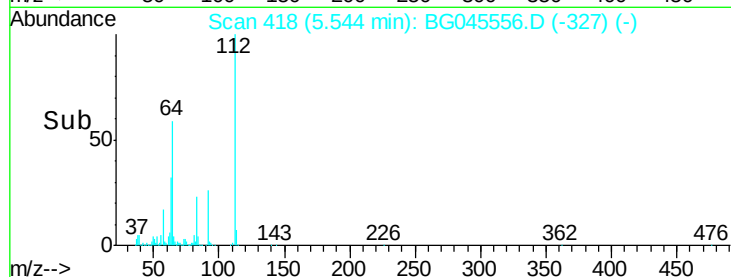
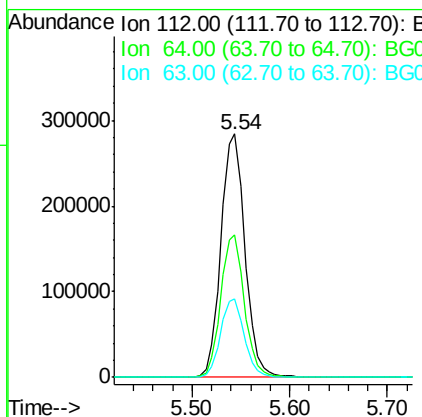
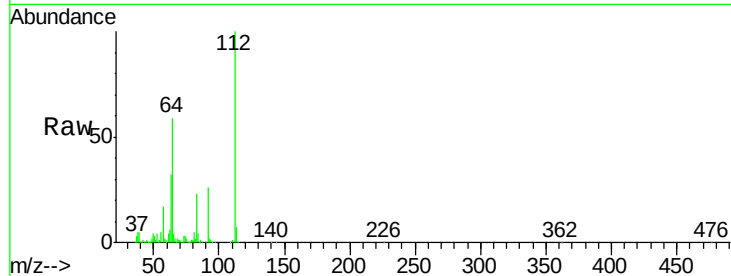
ClientSampleId :

PB129209BS

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 485431  | 112 | 100   |      |       |       |
|         | 64  | 58.5  |      | 48.6  | 72.8  |
|         | 63  | 32.0  |      | 26.5  | 39.7  |

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#6

Aniline

Concen: 42.581 ng

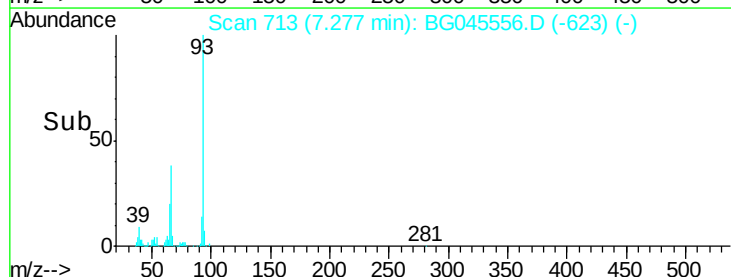
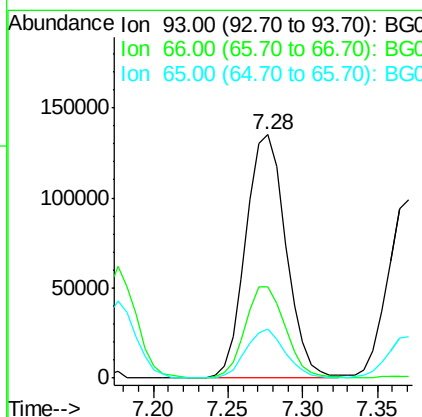
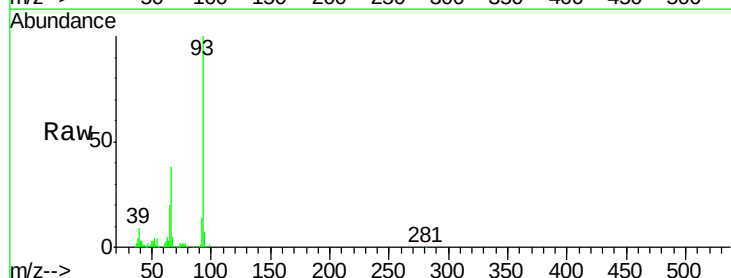
RT: 7.28 min Scan# 713

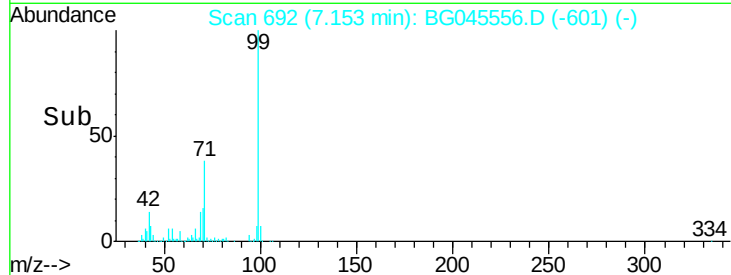
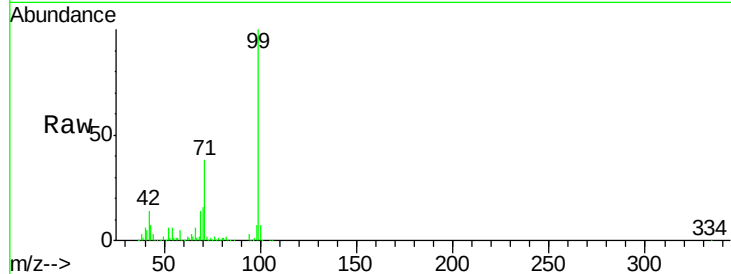
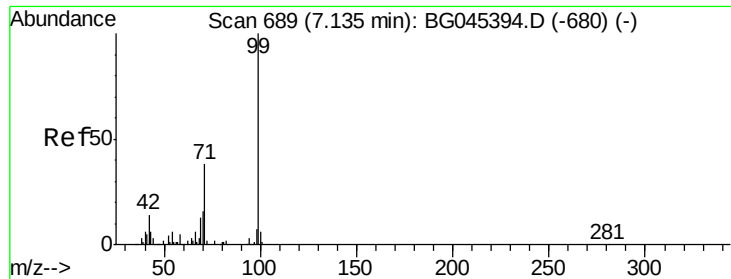
Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 252569  | 93  | 100   |      |       |       |
|         | 66  | 37.5  |      | 29.6  | 44.4  |
|         | 65  | 19.9  |      | 15.9  | 23.9  |





#7

Phenol-d6

Concen: 150.465 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 683684 |       |       |
| 42      | 14.0 | 11.3  | 16.9   |       |       |
| 71      | 37.9 | 30.8  | 46.2   |       |       |

Instrument :

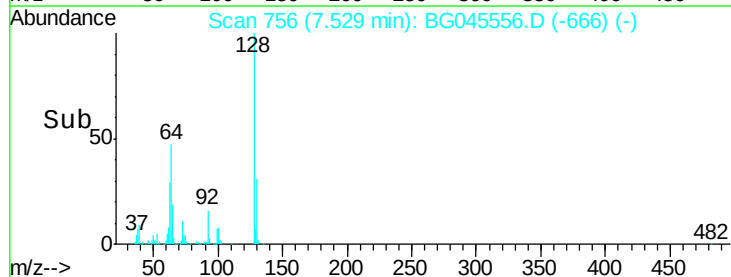
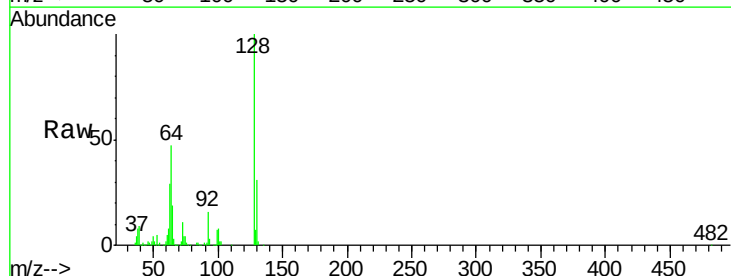
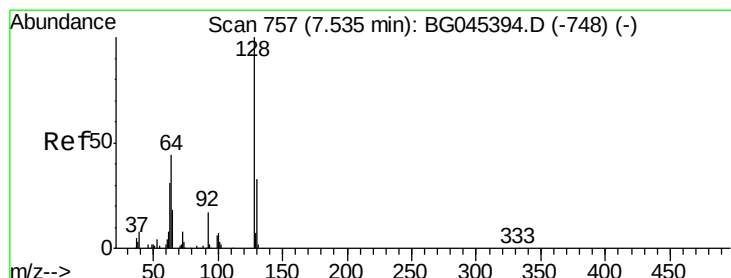
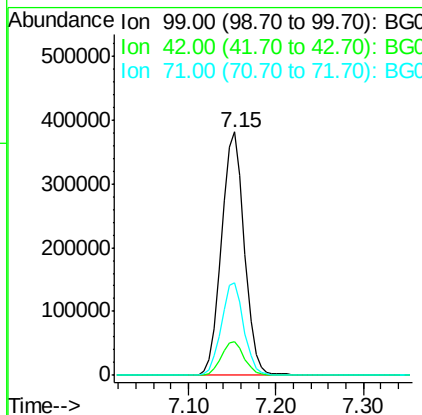
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ClientSampleId :

PB129209BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 50.314 ng

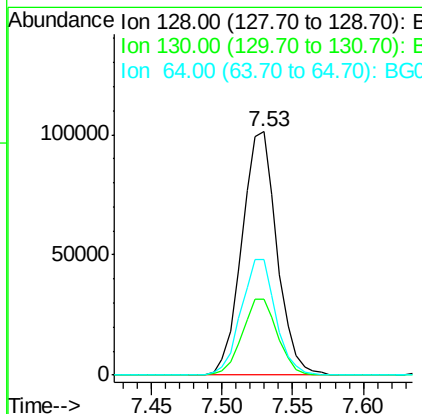
RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

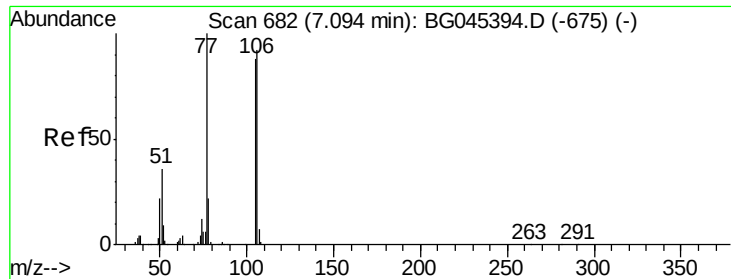
Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 176145 |       |       |
| 130     | 31.4 | 12.6  | 52.6   |       |       |
| 64      | 47.4 | 27.0  | 67.0   |       |       |







#9

Benzaldehyde

Concen: 38.904 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

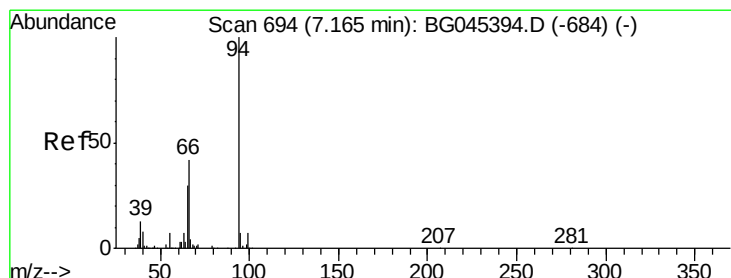
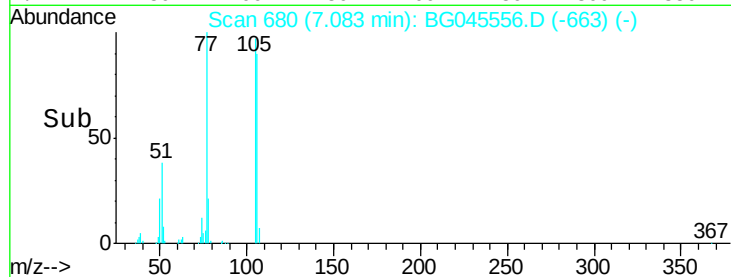
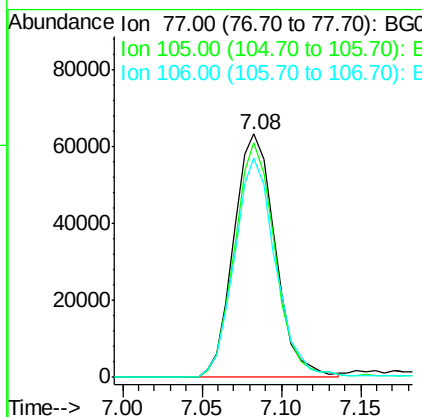
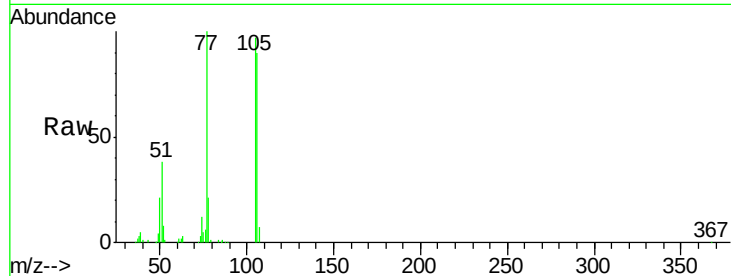
ClientSampleId :

PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 96.5  | 68.5  | 108.5 |
| 106     | 89.9  | 71.6  | 111.6 |

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#10

Phenol

Concen: 51.298 ng

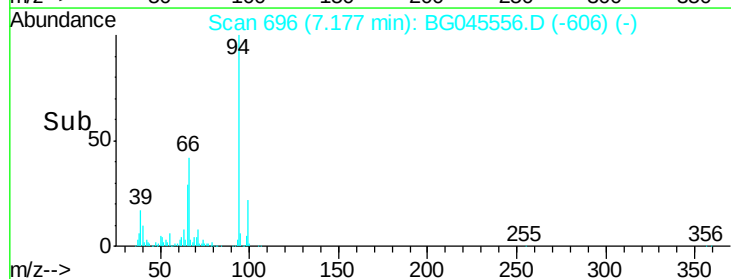
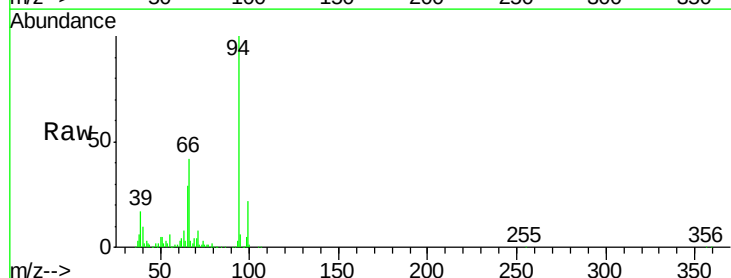
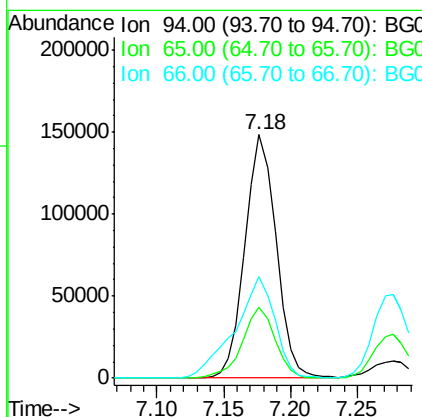
RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

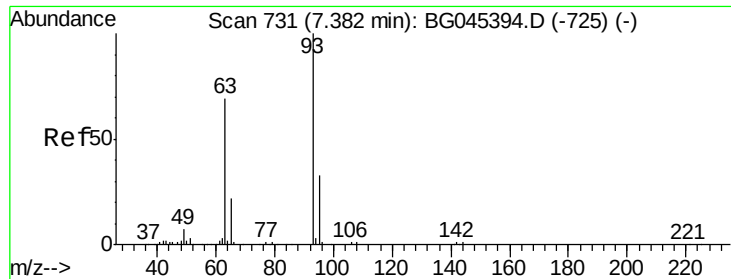
Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 28.9  | 9.8   | 49.8  |
| 66      | 41.7  | 22.0  | 62.0  |







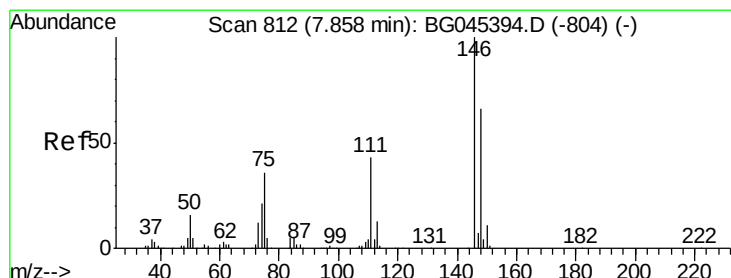
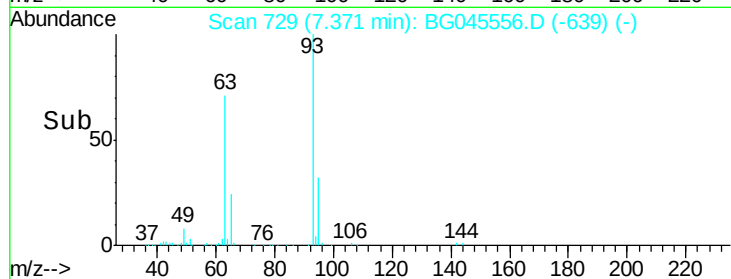
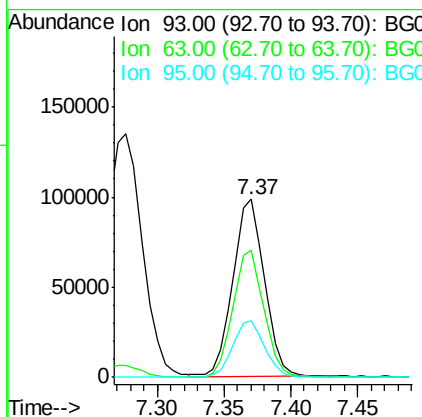
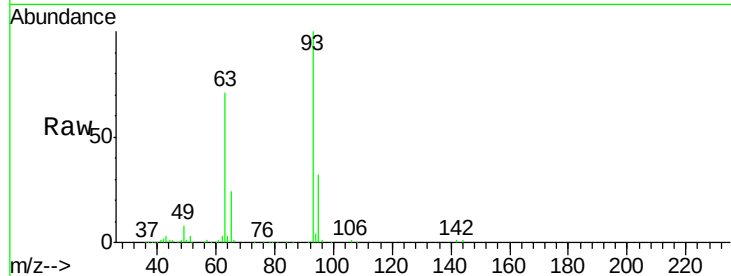
#11  
bis(2-Chloroethyl)ether  
Concen: 44.385 ng  
RT: 7.37 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 162127 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 71.4  | 48.4  | 88.4   |
| 95        | 31.9  | 12.4  | 52.4   |

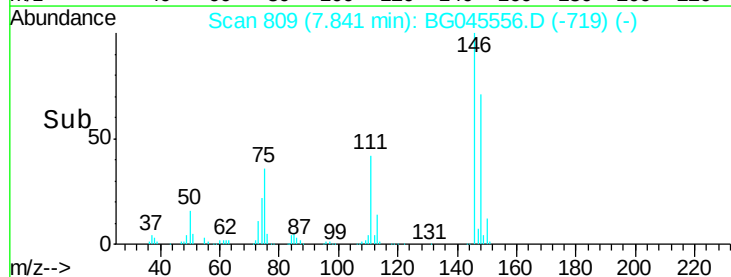
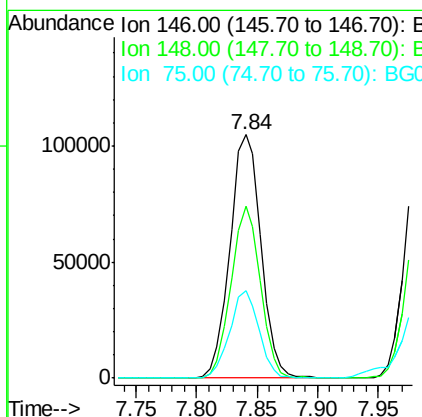
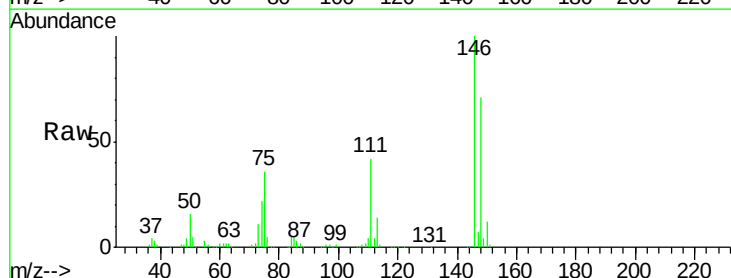
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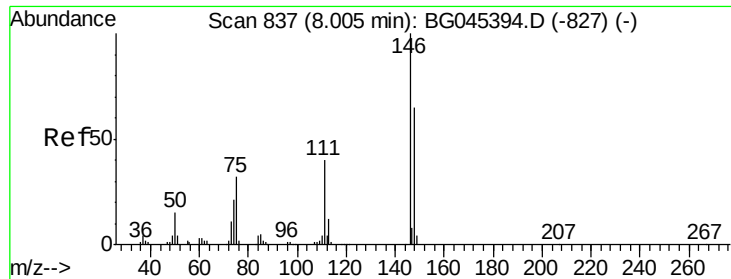
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 44.549 ng  
RT: 7.84 min Scan# 809  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 187423 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 70.7  | 53.2  | 79.8   |
| 75        | 36.1  | 28.6  | 43.0   |





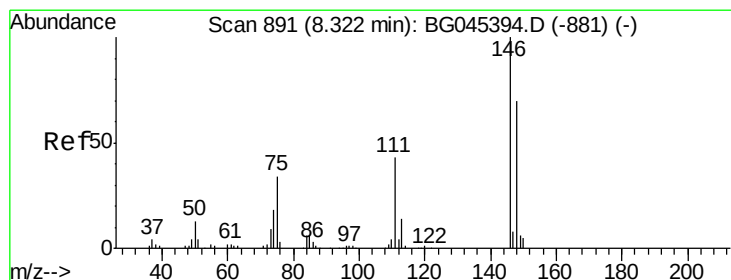
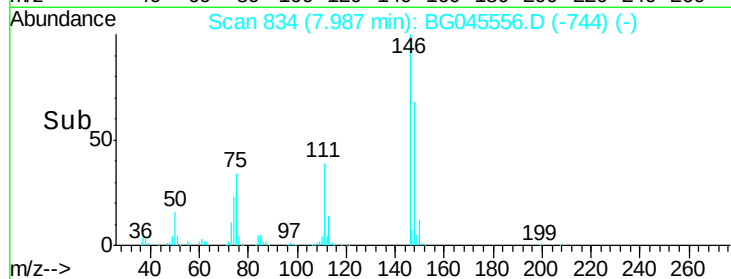
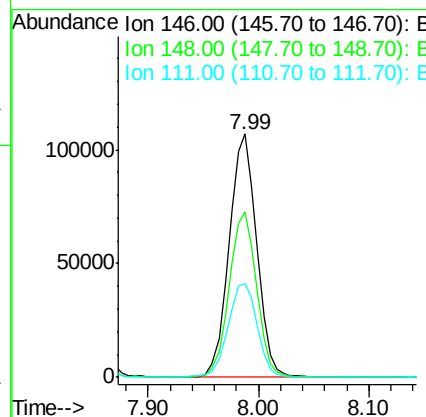
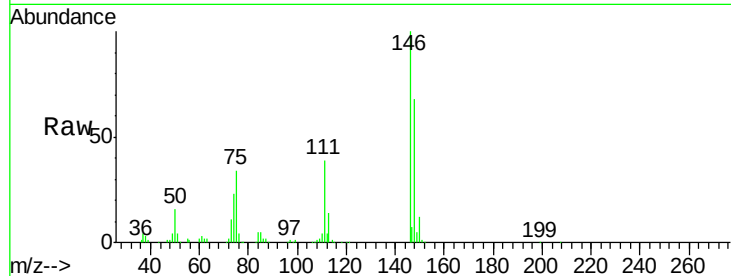
#13  
1,4-Dichlorobenzene  
Concen: 45.087 ng  
RT: 7.99 min Scan# 834  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.8  | 51.8  | 77.8  |
| 111     | 38.5  | 32.1  | 48.1  |

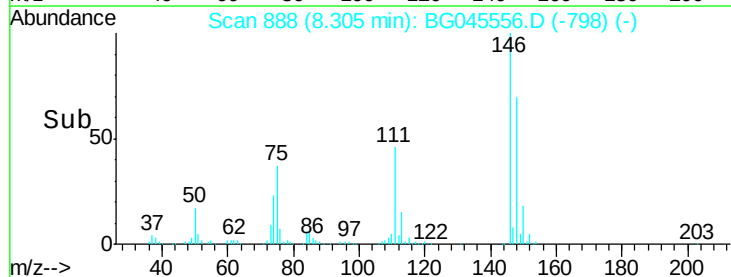
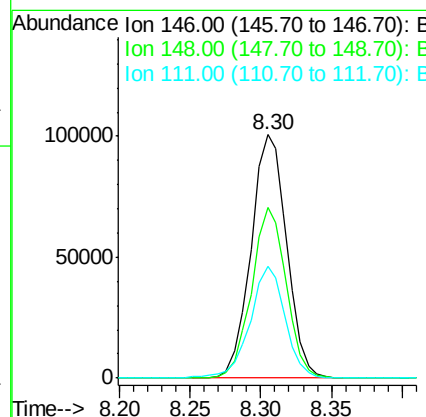
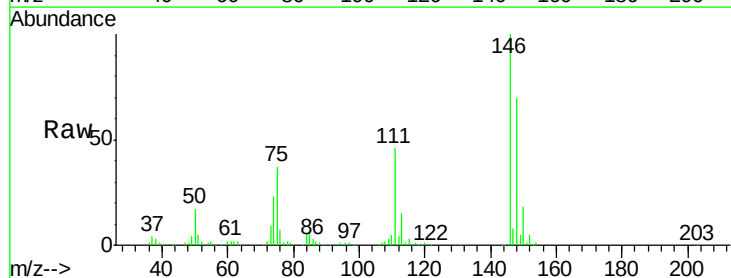
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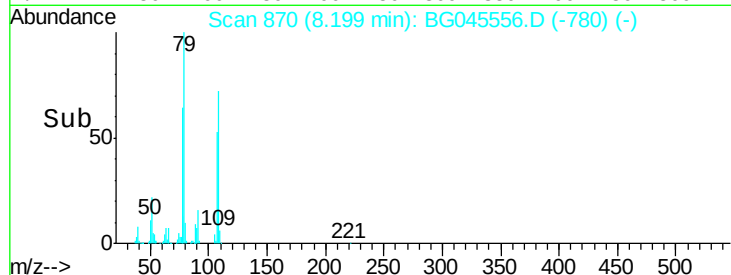
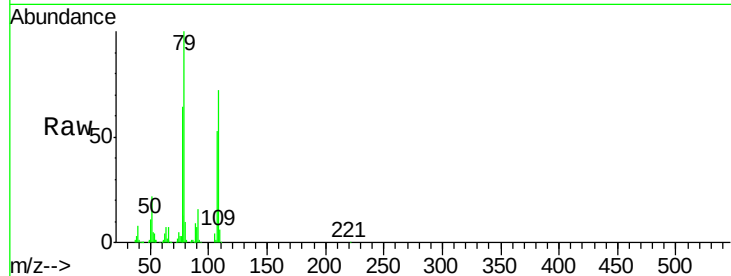
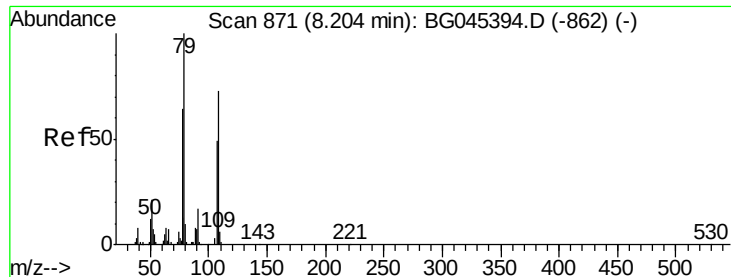
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#14  
1,2-Dichlorobenzene  
Concen: 44.657 ng  
RT: 8.30 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 70.3  | 55.9  | 83.9  |
| 111     | 46.0  | 35.0  | 52.4  |





#15

Benzyl Alcohol

Concen: 48.124 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 180639 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 71.7  | 58.2  | 87.4   |
| 77        | 63.7  | 51.0  | 76.4   |

Instrument :

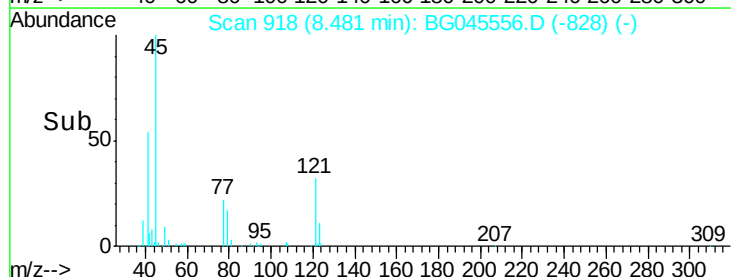
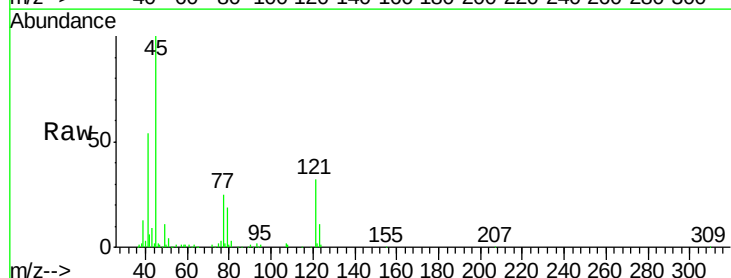
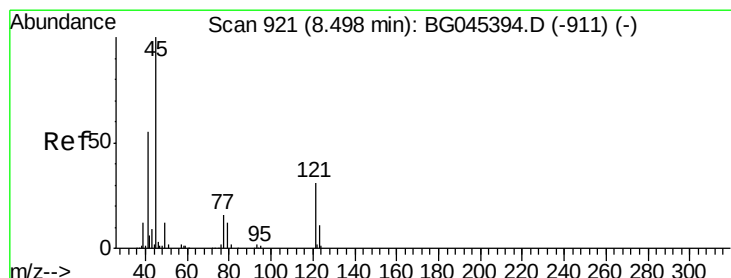
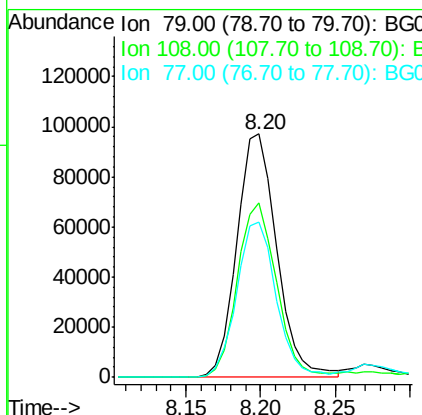
BNA\_G

ClientSampleId :

PB129209BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.721 ng

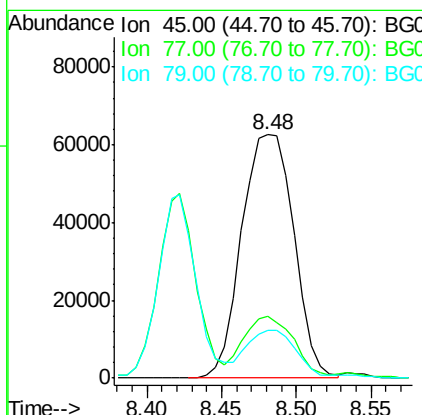
RT: 8.48 min Scan# 918

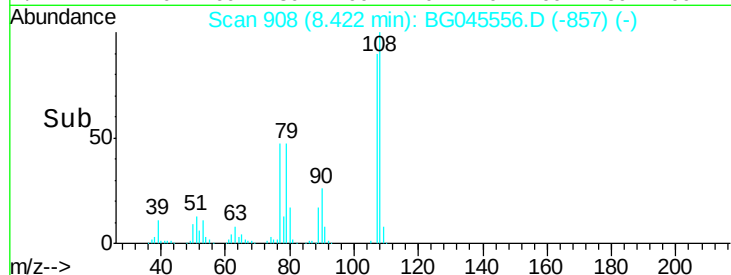
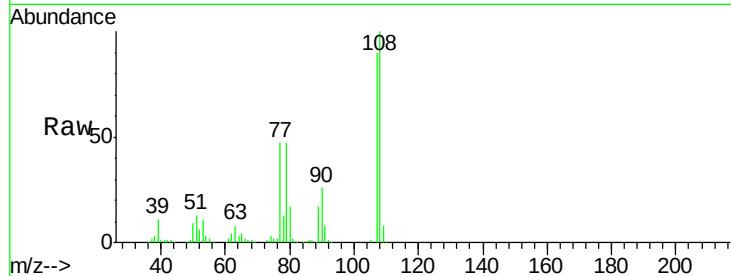
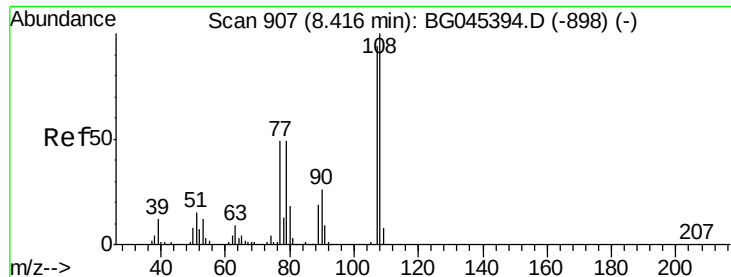
Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 151593 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 25.2  | 4.0   | 44.0   |
| 79        | 19.4  | 0.0   | 38.6   |





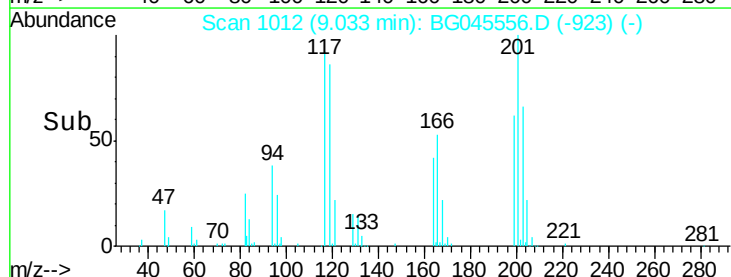
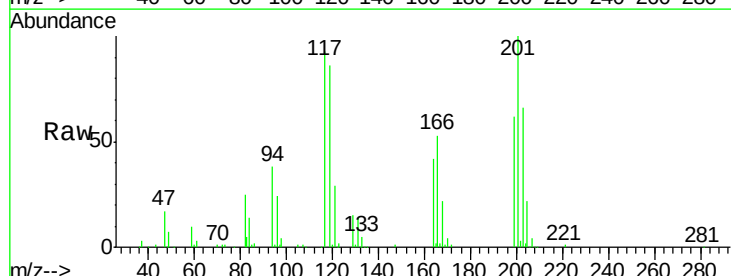
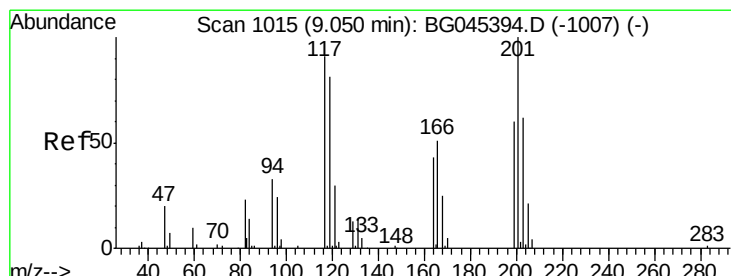
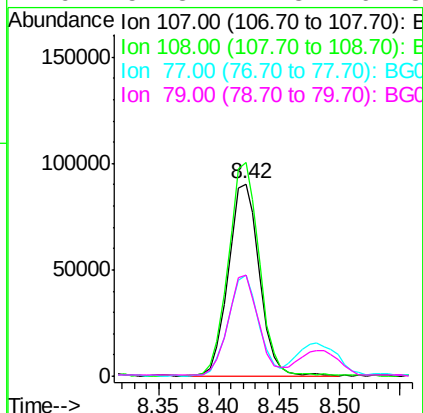
#17  
2-Methylphenol  
Concen: 46.475 ng  
RT: 8.42 min Scan# 908  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.0 | 85.2 | 127.8 |       |
| 77      | 52.6  | 41.6 | 62.4  |       |
| 79      | 52.3  | 41.8 | 62.8  |       |

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

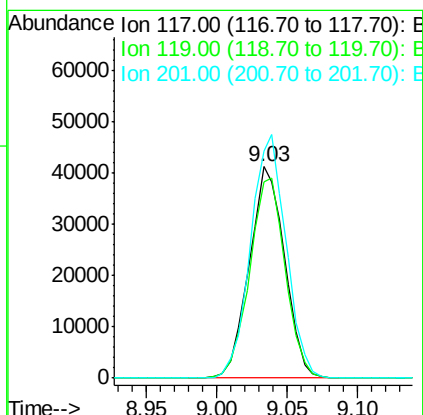
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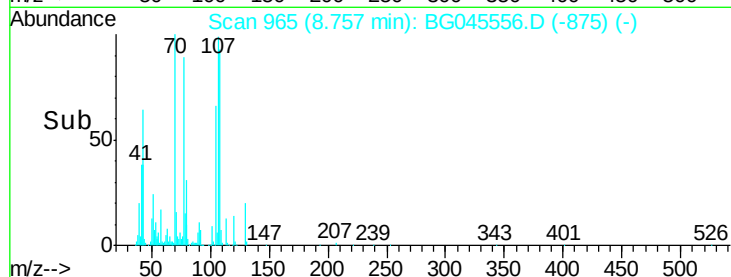
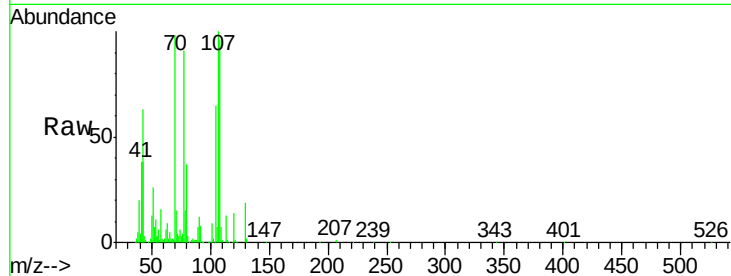
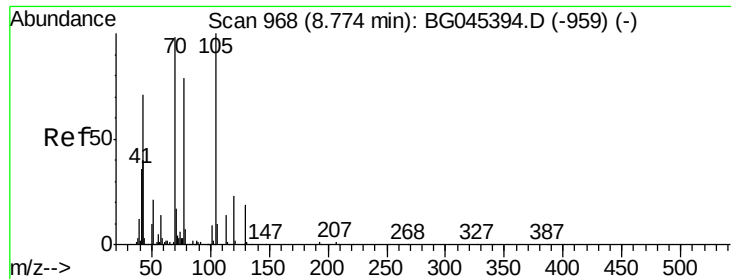
mohammad  
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#18  
Hexachloroethane  
Concen: 45.635 ng  
RT: 9.03 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 92.8  | 71.3 | 106.9 |       |
| 201     | 107.7 | 87.5 | 131.3 |       |





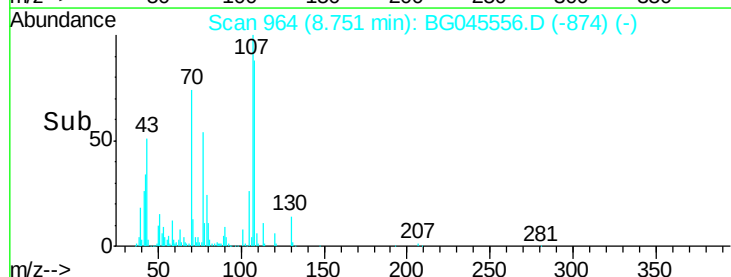
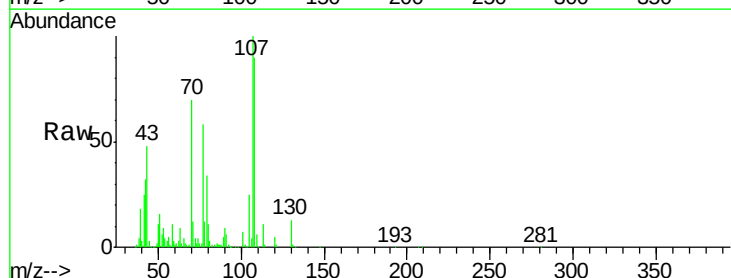
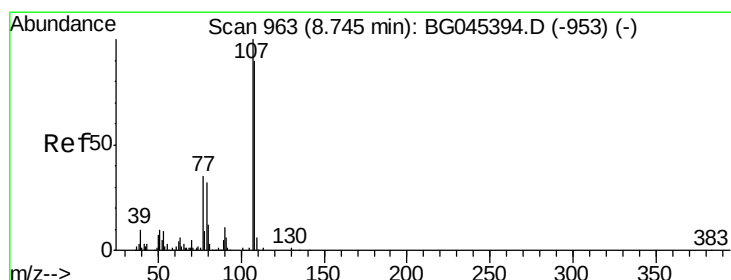
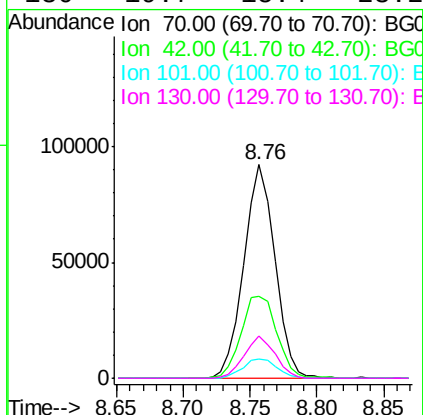
#19  
n-Nitroso-di-n-propylamine  
Concen: 47.289 ng  
RT: 8.76 min Scan# 965  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 38.5 | 33.2  | 49.8 |       |       |
| 101     | 9.2  | 7.8   | 11.6 |       |       |
| 130     | 19.7 | 15.4  | 23.2 |       |       |

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

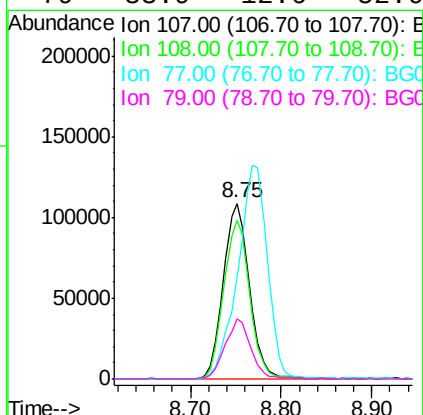
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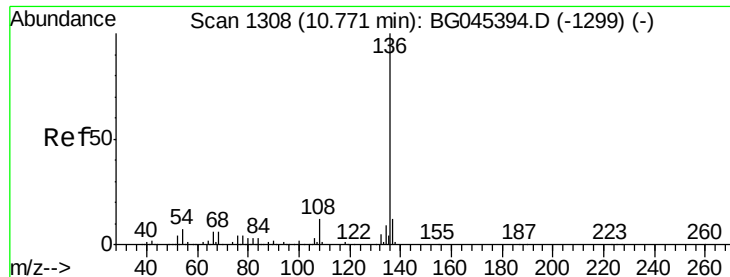
mohammad  
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#20  
3+4-Methylphenols  
Concen: 45.671 ng  
RT: 8.75 min Scan# 964  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 90.0 | 70.3  | 110.3 |       |       |
| 77      | 58.1 | 15.4  | 55.4  |       |       |
| 79      | 33.9 | 12.6  | 52.6  |       |       |





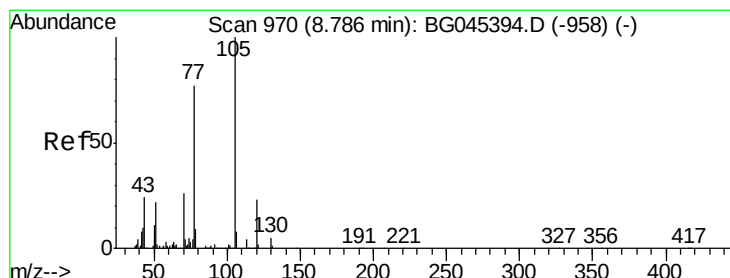
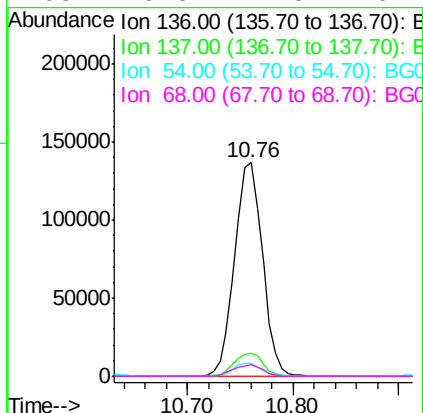
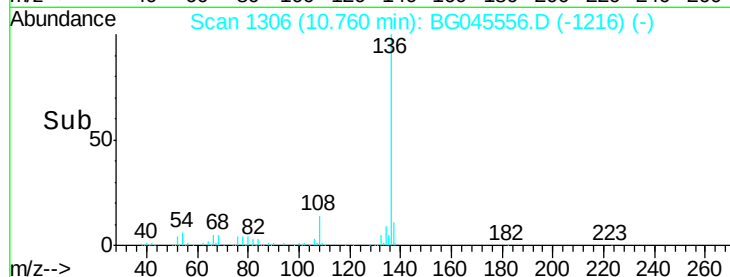
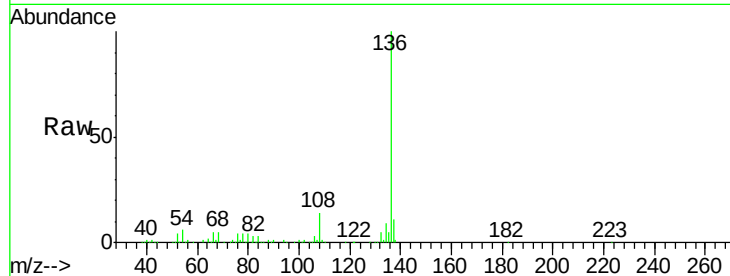
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.76 min Scan# 1306  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 249576 |       |       |
| 137     | 11.0 |       | 9.4    | 14.2  |       |
| 54      | 6.1  |       | 5.8    | 8.6   |       |
| 68      | 5.3  |       | 4.5    | 6.7   |       |

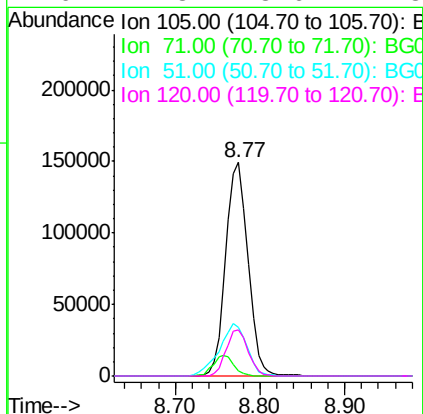
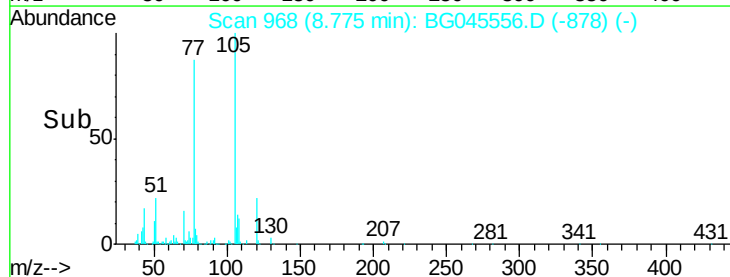
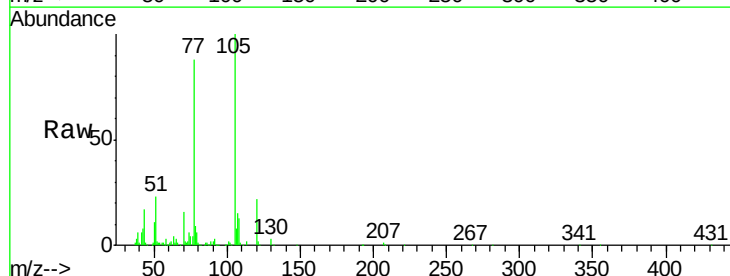
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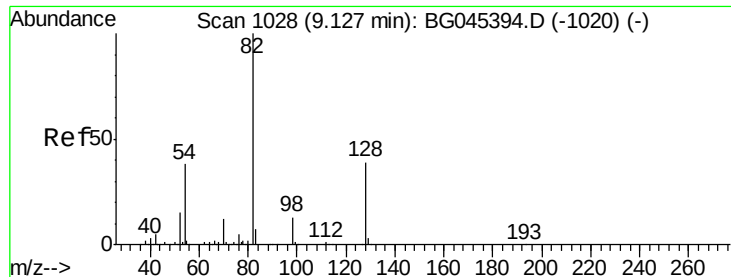
mohammad  
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#22  
Acetophenone  
Concen: 45.781 ng  
RT: 8.77 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 270806 |       |       |
| 71      | 2.2  |       | 3.4    | 5.0#  |       |
| 51      | 22.8 |       | 18.2   | 27.2  |       |
| 120     | 21.8 |       | 18.6   | 27.8  |       |





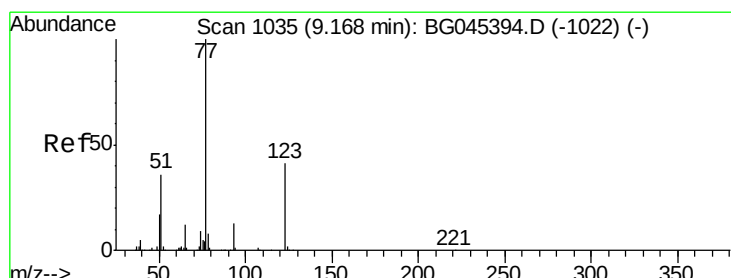
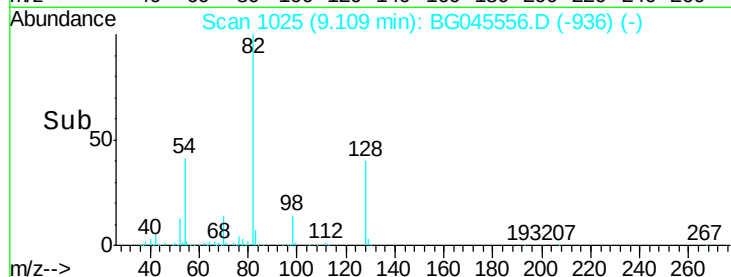
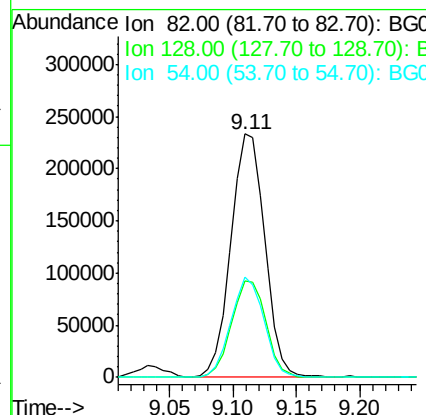
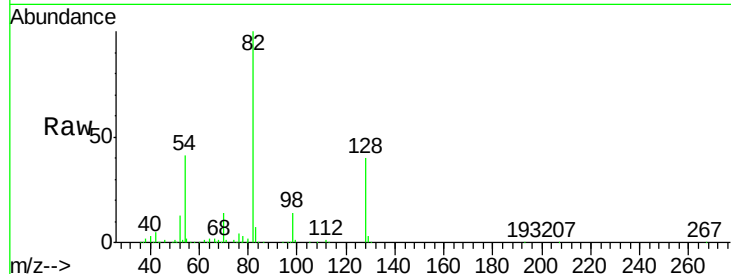
#23  
Nitrobenzene-d5  
Concen: 94.161 ng  
RT: 9.11 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.7  | 30.9  | 46.3  |
| 54      | 41.1  | 30.3  | 45.5  |

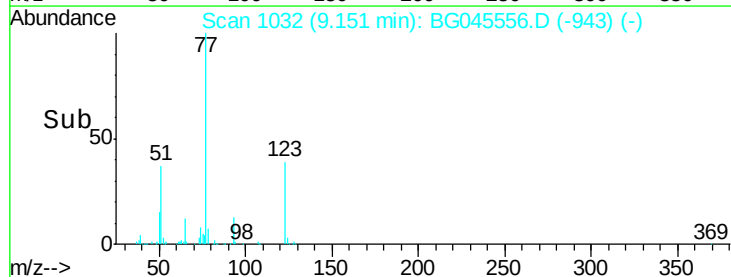
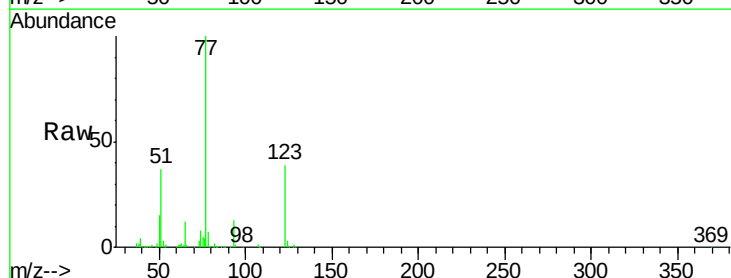
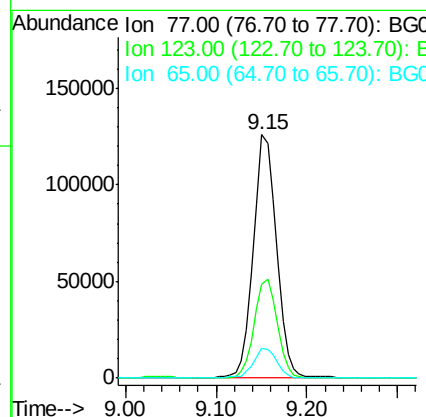
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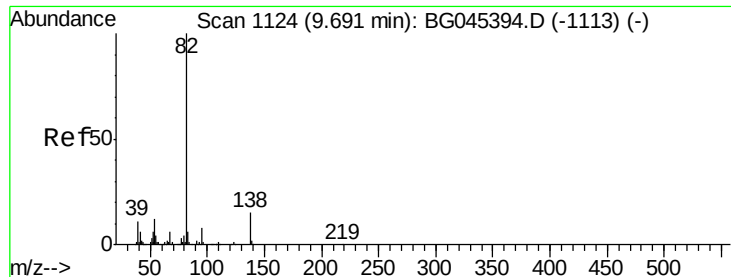


#24  
Nitrobenzene  
Concen: 45.747 ng  
RT: 9.15 min Scan# 1032  
Delta R.T. -0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 38.6  | 32.9  | 49.3  |
| 65      | 12.2  | 9.4   | 14.2  |







#25

Isophorone

Concen: 45.608 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

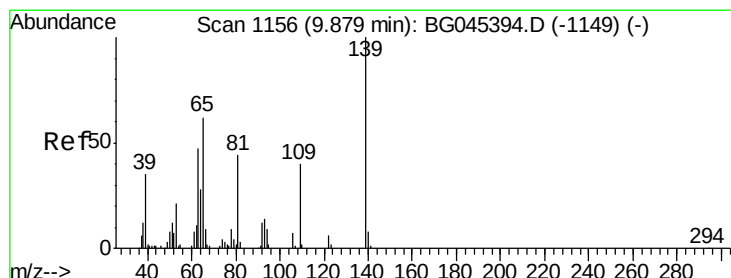
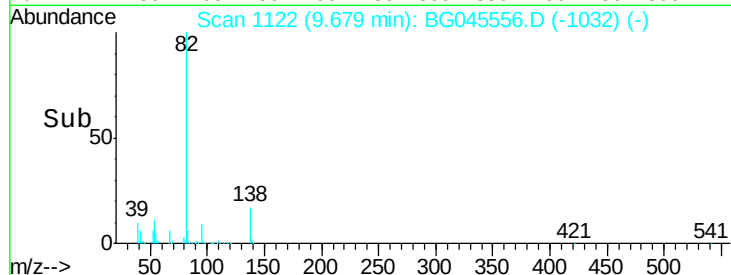
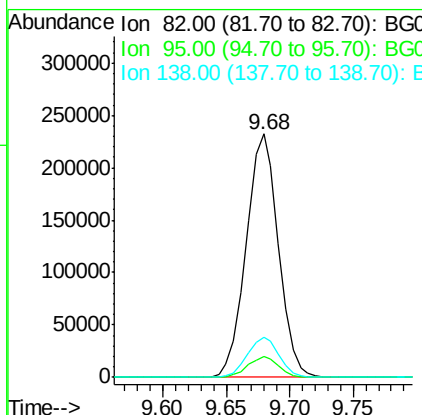
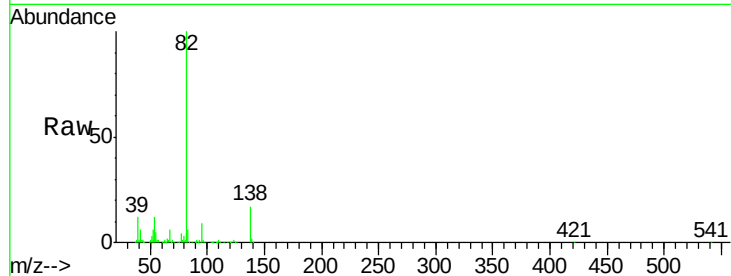
ClientSampleId :

PB129209BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 411081 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.6   | 6.7   | 10.1   |
| 138       | 16.6  | 12.2  | 18.4   |

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#26

2-Nitrophenol

Concen: 48.721 ng

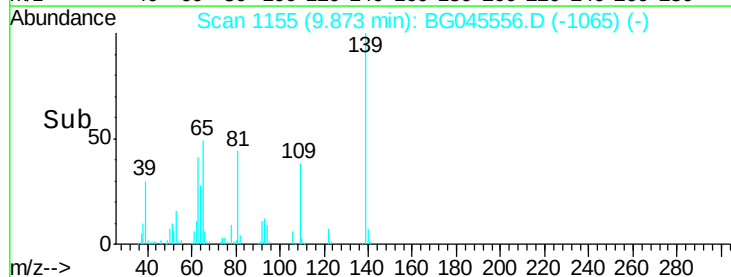
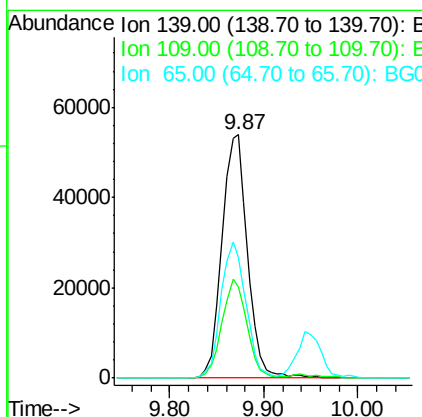
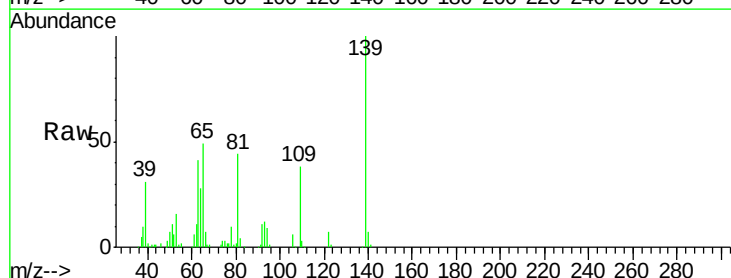
RT: 9.87 min Scan# 1155

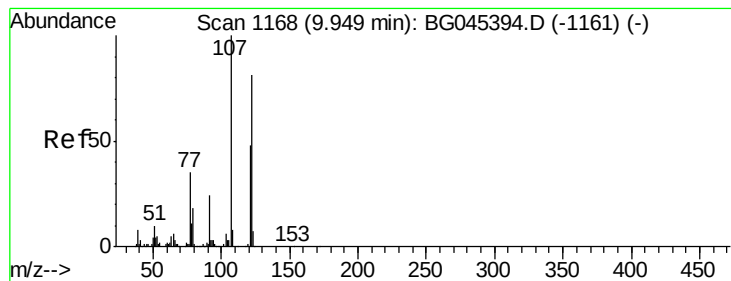
Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 102198 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 37.5  | 32.2  | 48.4   |
| 65        | 49.4  | 49.6  | 74.4#  |





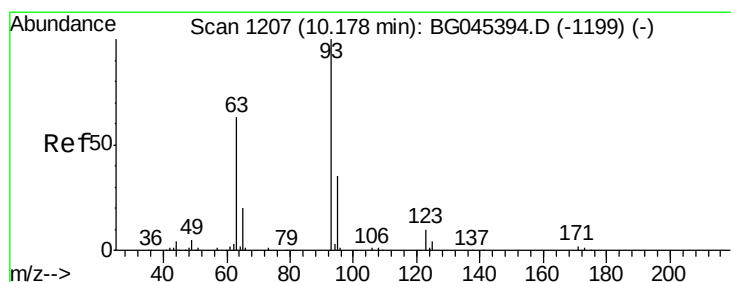
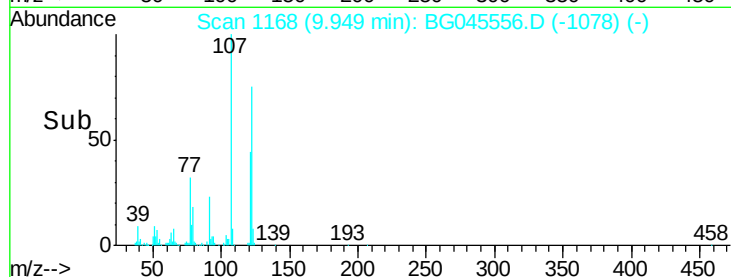
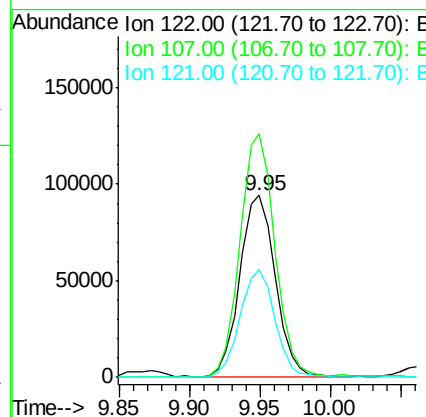
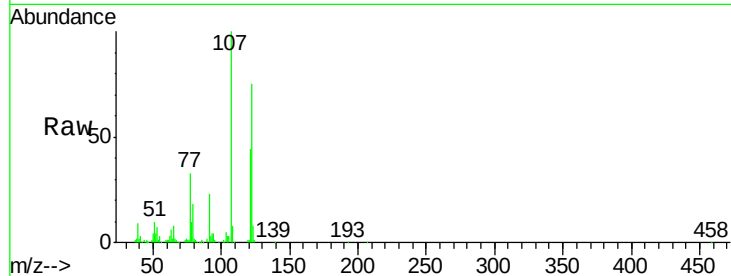
#27  
2,4-Dimethylphenol  
Concen: 53.614 ng  
RT: 9.95 min Scan# 1168  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 166801 |       |       |
| 107     | 133.9 | 99.0   | 148.4 |       |
| 121     | 59.6  | 47.7   | 71.5  |       |

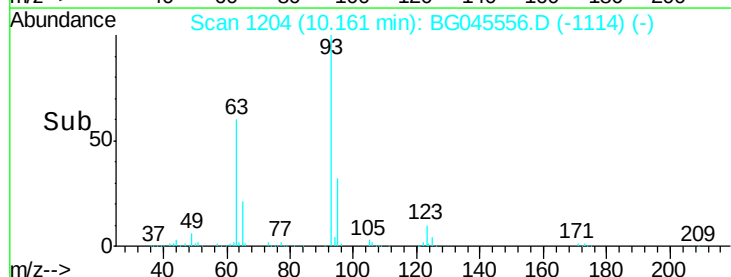
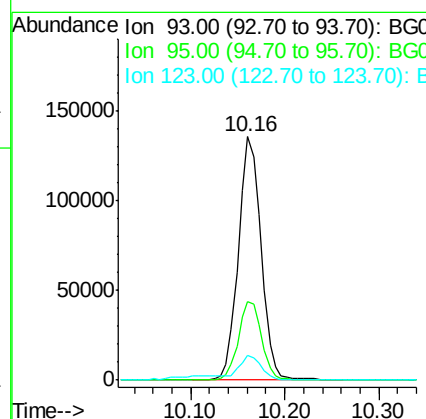
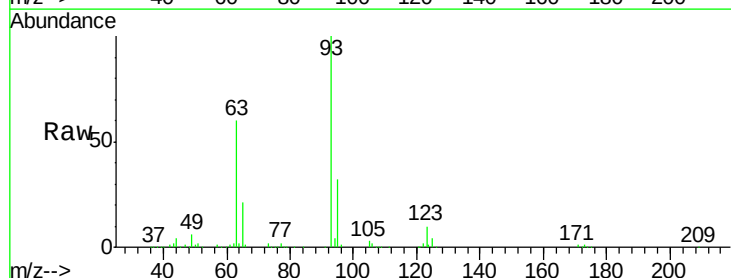
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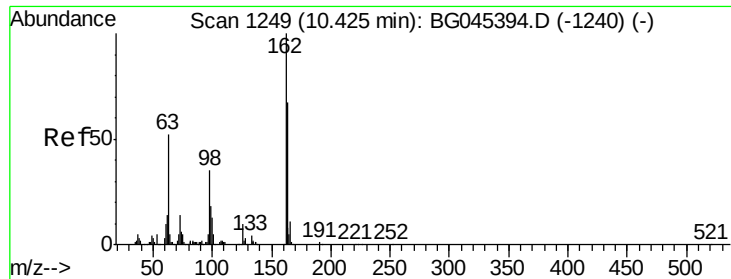
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#28  
bis(2-Chloroethoxy)methane  
Concen: 47.783 ng  
RT: 10.16 min Scan# 1204  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 225866 |       |       |
| 95      | 32.3  | 27.6   | 41.4  |       |
| 123     | 10.3  | 8.1    | 12.1  |       |





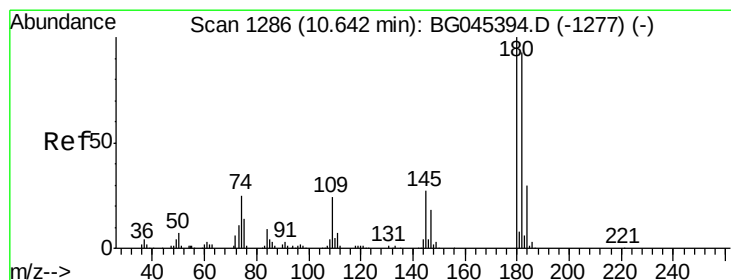
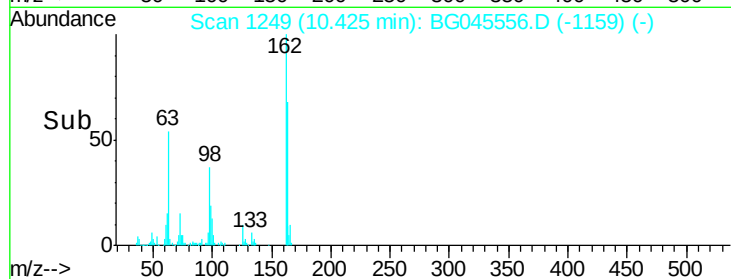
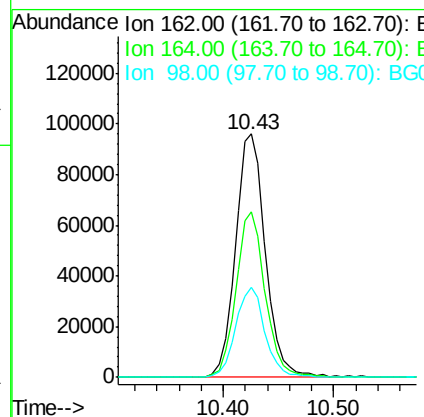
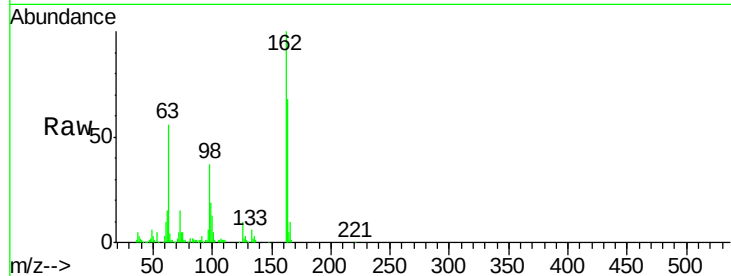
#29  
 2,4-Dichlorophenol  
 Concen: 49.394 ng  
 RT: 10.43 min Scan# 1249  
 Delta R.T. 0.00 min  
 Lab File: BG045556.D  
 Acq: 1 Jun 2020 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 181467 |       |       |
| 164     | 67.9  | 46.8   | 86.8  |       |
| 98      | 37.1  | 15.2   | 55.2  |       |

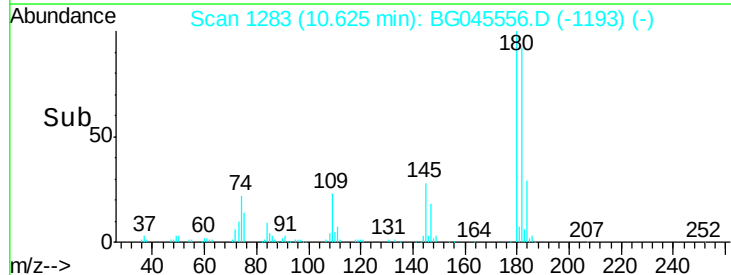
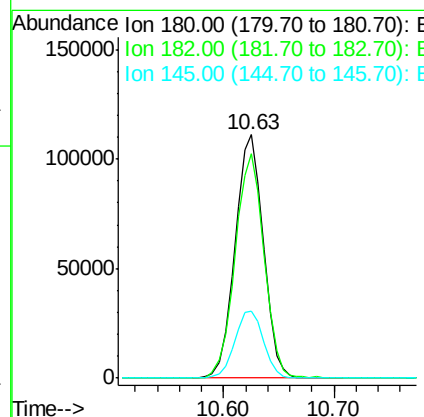
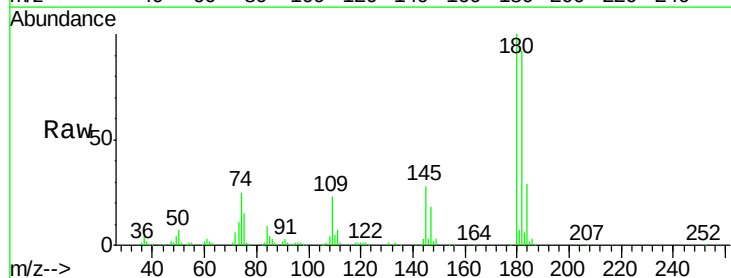
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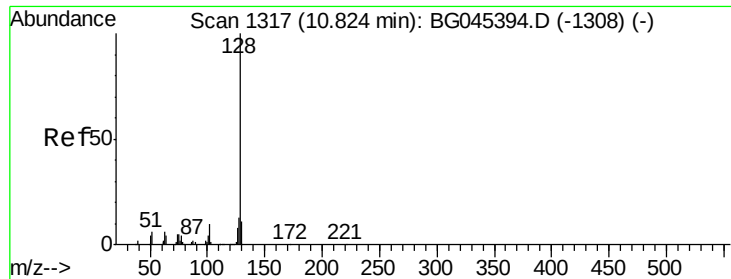
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.038 ng  
 RT: 10.63 min Scan# 1283  
 Delta R.T. 0.00 min  
 Lab File: BG045556.D  
 Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 199859 |       |       |
| 182     | 92.4  | 74.8   | 112.2 |       |
| 145     | 27.7  | 21.9   | 32.9  |       |





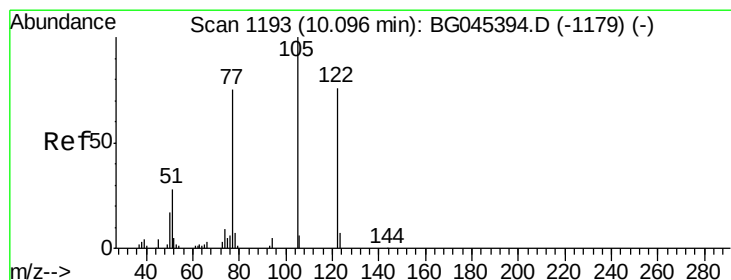
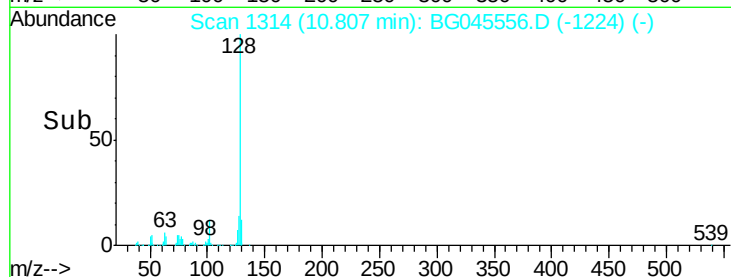
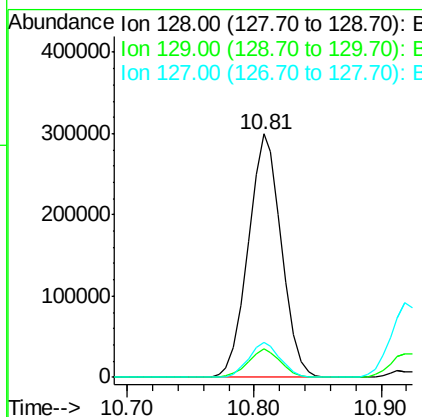
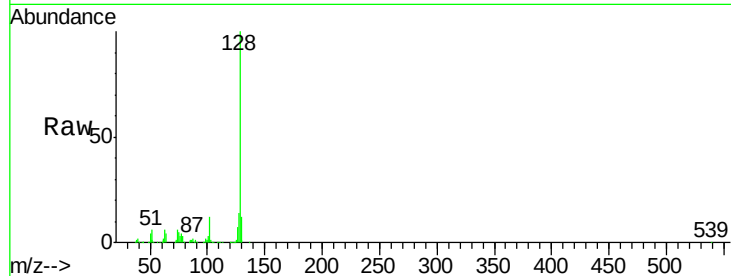
#31  
Naphthalene  
Concen: 46.625 ng  
RT: 10.81 min Scan# 1314  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 542255 |       |       |
| 129     | 11.5  |        | 9.0   | 13.6  |
| 127     | 14.3  |        | 10.7  | 16.1  |

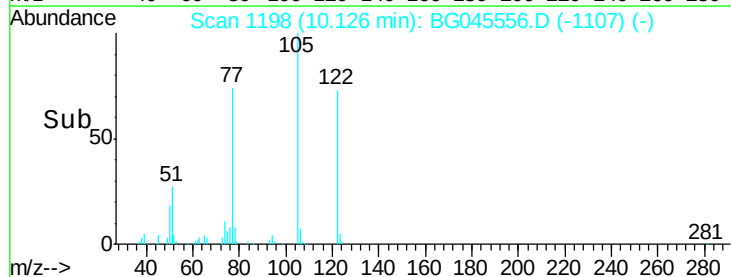
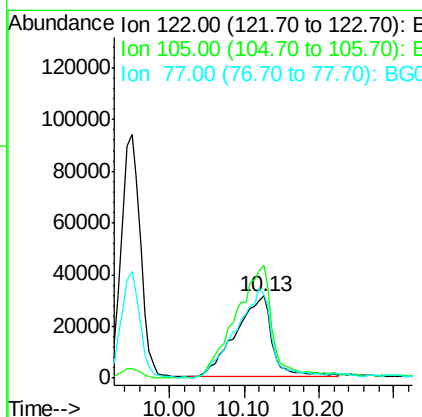
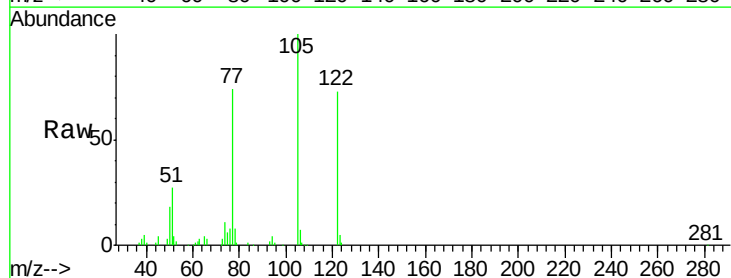
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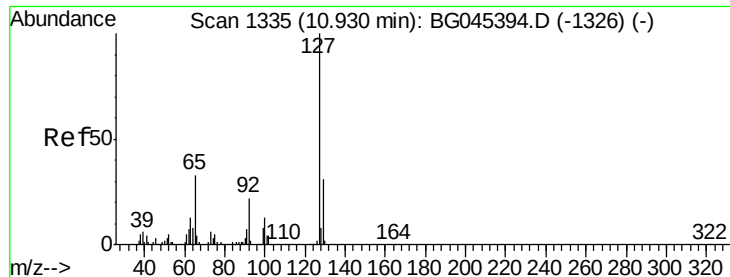
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#32  
Benzoic acid  
Concen: 50.161 ng  
RT: 10.13 min Scan# 1198  
Delta R.T. 0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 107344 |       |       |
| 105     | 137.4 |        | 107.9 | 147.9 |
| 77      | 102.1 |        | 78.9  | 118.9 |





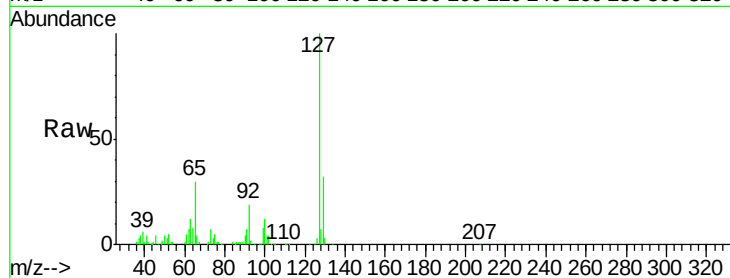
#33  
4-Chloroaniline  
Concen: 37.372 ng  
RT: 10.92 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

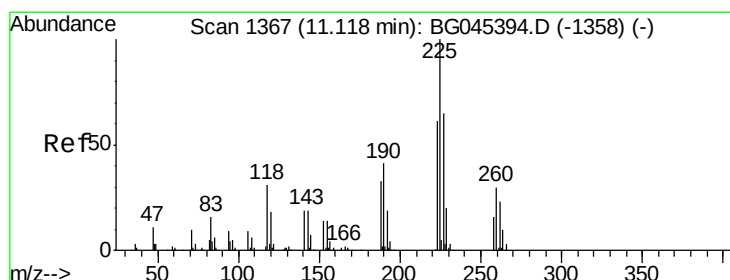
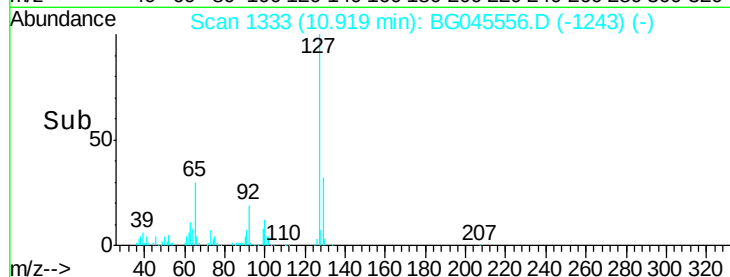
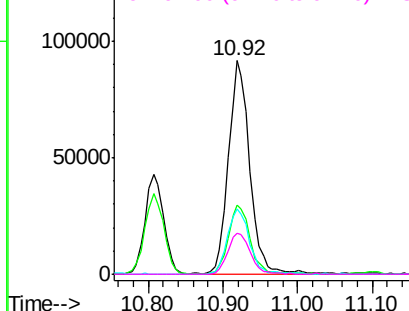
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 181682 |       |       |
| 129     | 32.3 | 24.7  | 37.1   |       |       |
| 65      | 30.5 | 26.2  | 39.2   |       |       |
| 92      | 19.4 | 17.9  | 26.9   |       |       |

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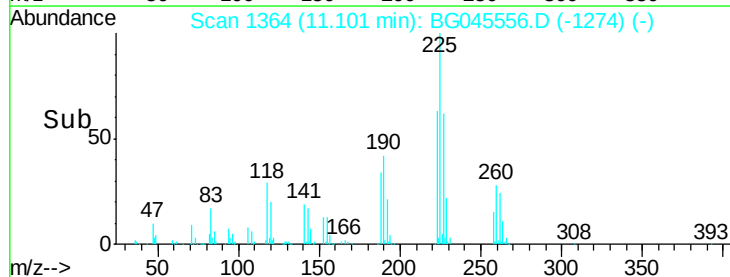
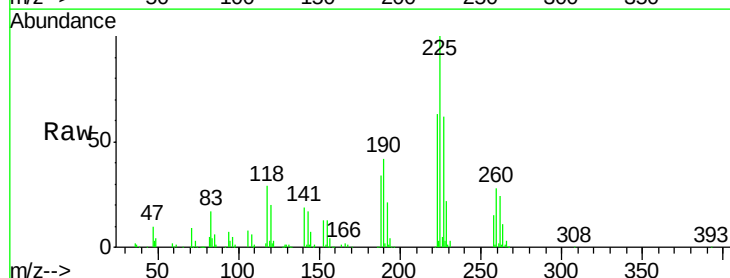
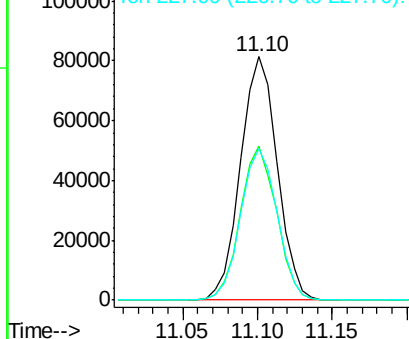
Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

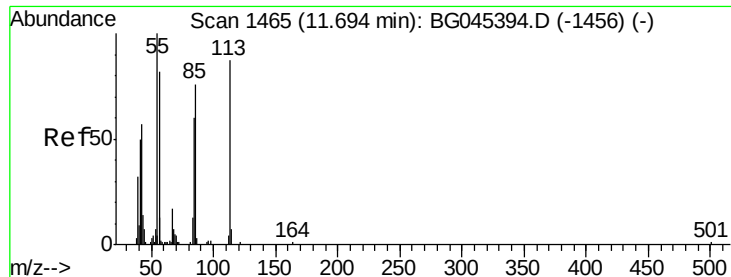


#34  
Hexachlorobutadiene  
Concen: 45.198 ng  
RT: 11.10 min Scan# 1364  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 138698 |       |       |
| 223     | 63.2 | 49.1  | 73.7   |       |       |
| 227     | 62.1 | 52.0  | 78.0   |       |       |

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





#35

Caprolactam

Concen: 49.904 ng/mL

RT: 11.68 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

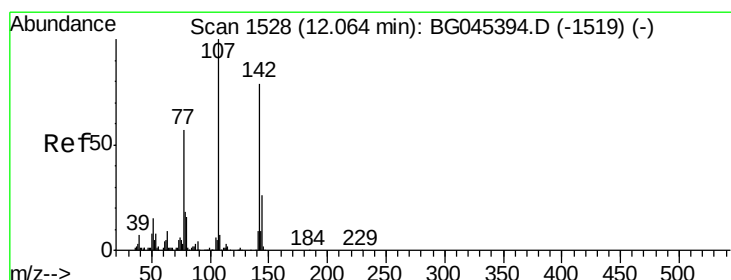
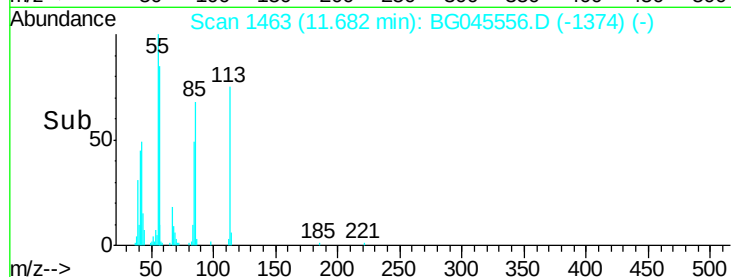
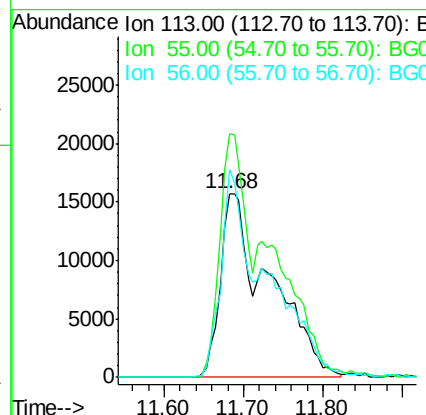
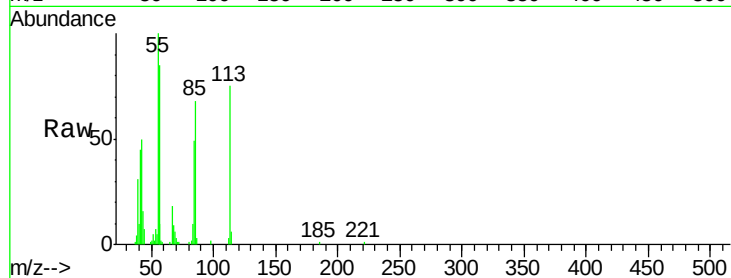
ClientSampleId :

PB129209BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 67295 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 132.6 | 96.0  | 136.0 |
| 56        | 113.3 | 75.1  | 115.1 |

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#36

4-Chloro-3-methylphenol

Concen: 50.816 ng/mL

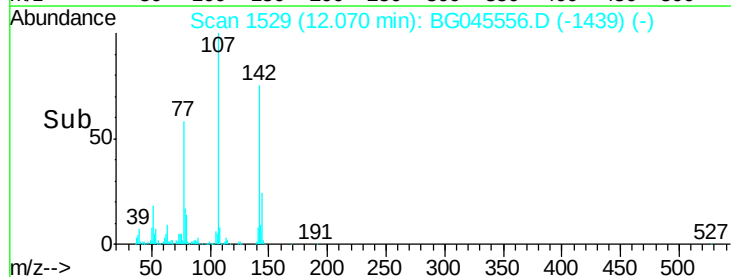
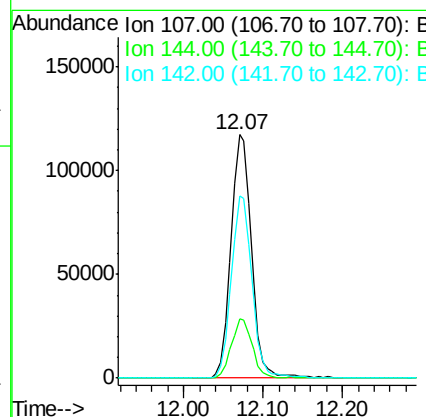
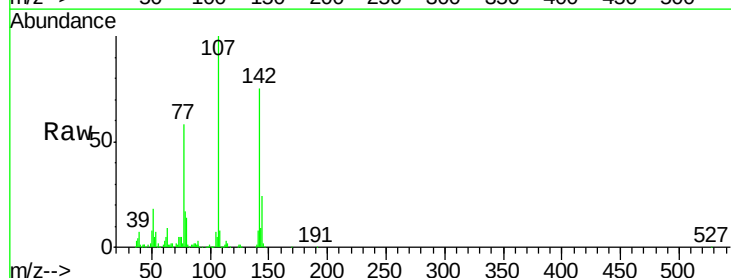
RT: 12.07 min Scan# 1529

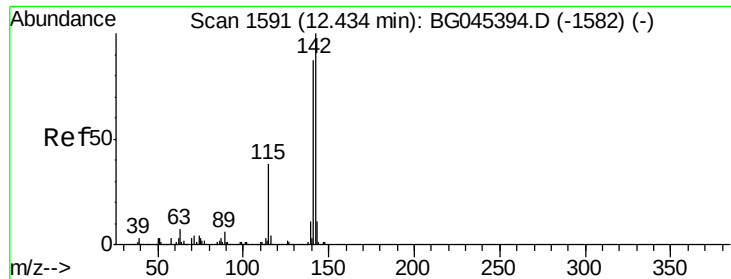
Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 210369 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 24.2  | 20.8  | 31.2   |
| 142       | 74.9  | 62.8  | 94.2   |





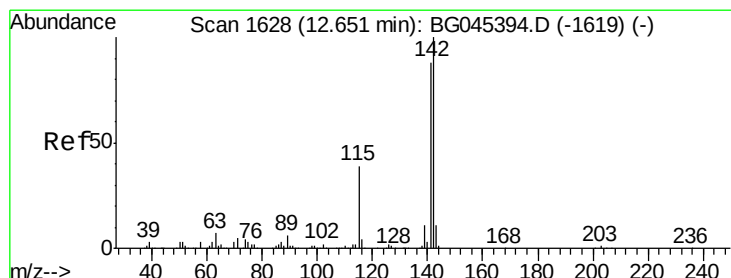
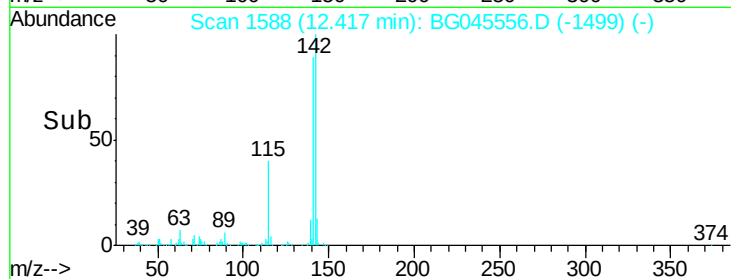
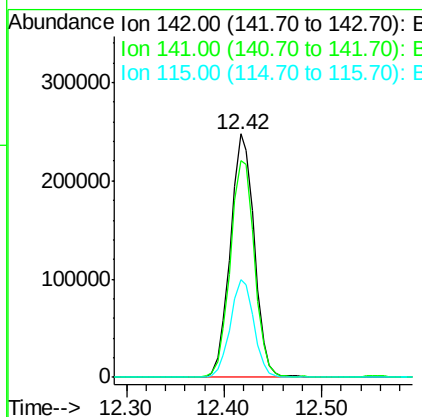
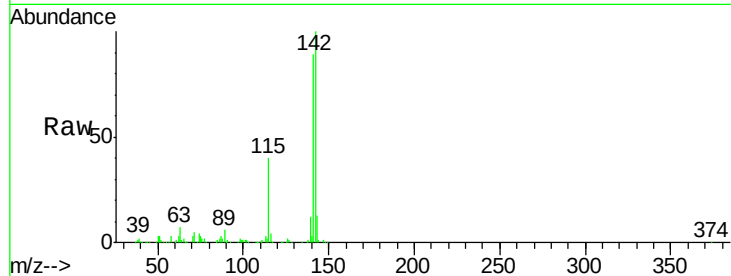
#37  
2-Methylnaphthalene  
Concen: 48.619 ng  
RT: 12.42 min Scan# 1588  
Delta R.T. -0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 70.0  | 105.0 |
| 115     | 40.4  | 30.8  | 46.2  |

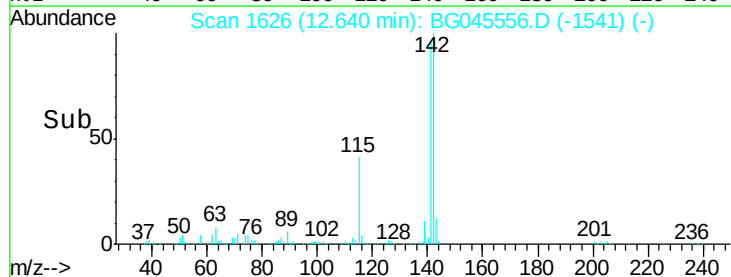
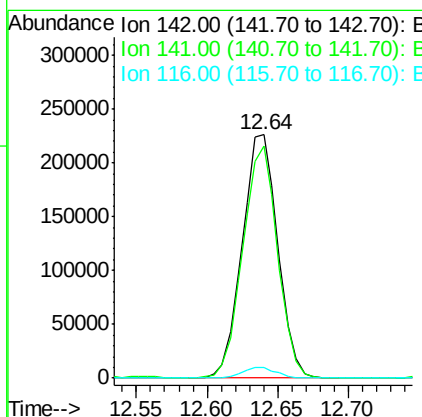
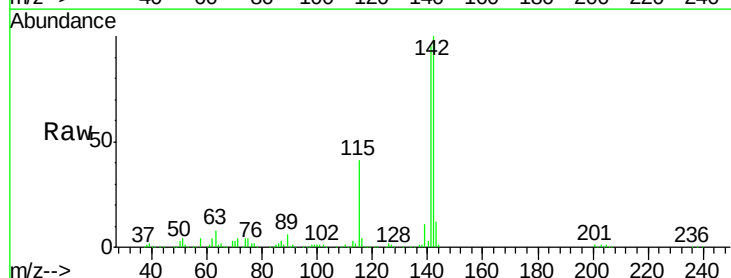
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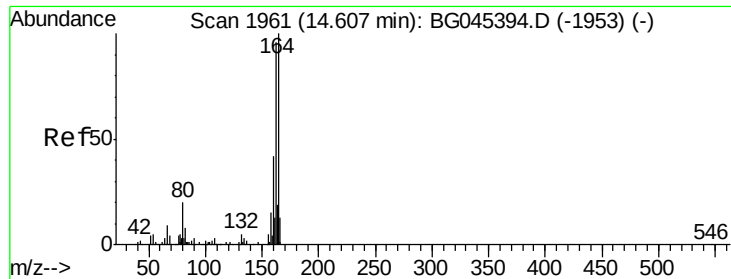
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 48.633 ng  
RT: 12.64 min Scan# 1626  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.2  | 70.8  | 106.2 |
| 116     | 4.3   | 3.0   | 4.6   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

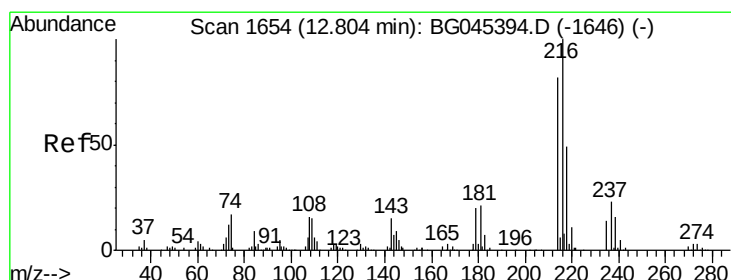
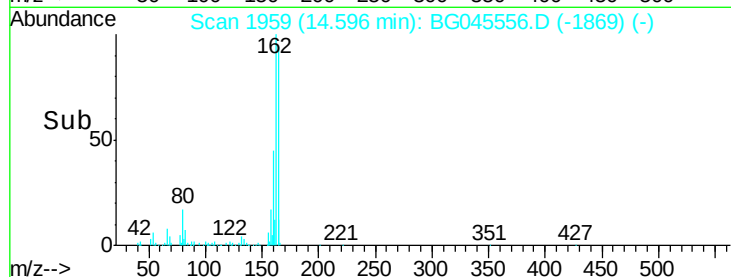
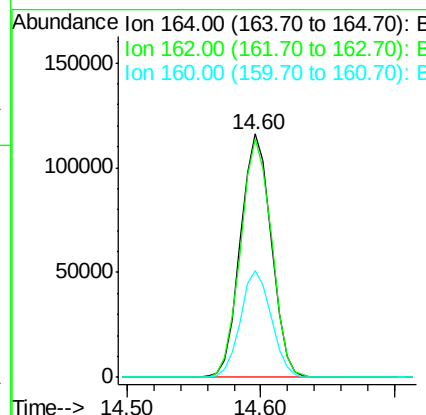
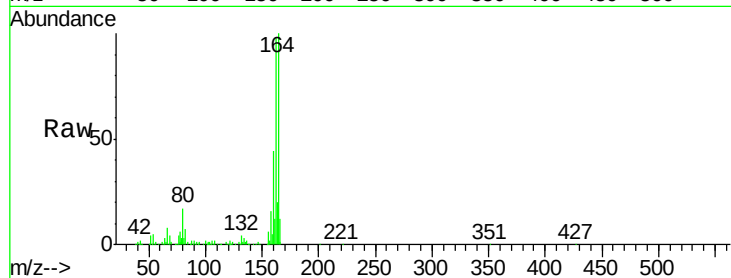
ClientSampleId :

PB129209BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 185317 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 97.9  | 76.9  | 115.3  |
| 160       | 44.1  | 33.8  | 50.8   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.692 ng

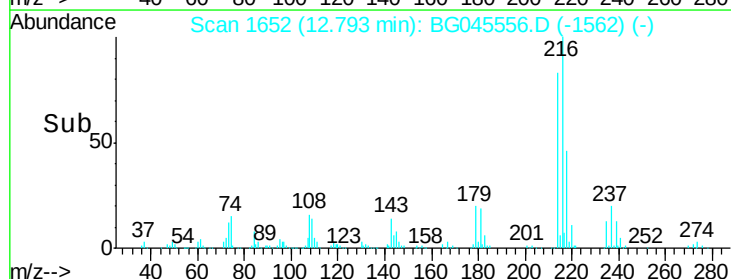
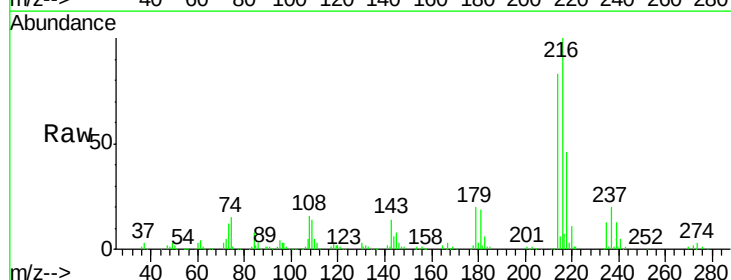
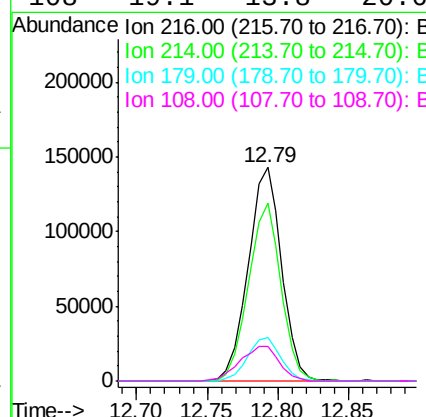
RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

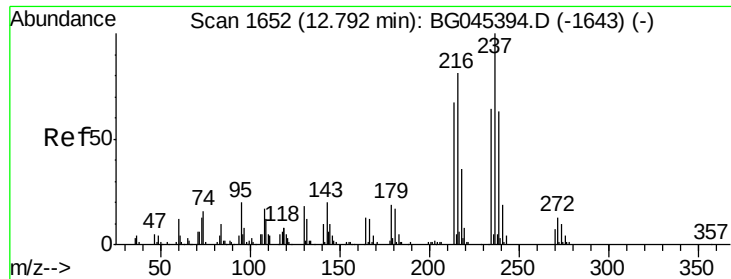
Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 236510 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 81.0  | 63.7  | 95.5   |
| 179       | 20.4  | 16.1  | 24.1   |
| 108       | 19.1  | 13.8  | 20.6   |







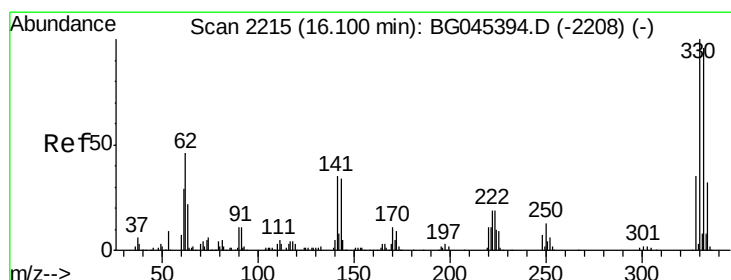
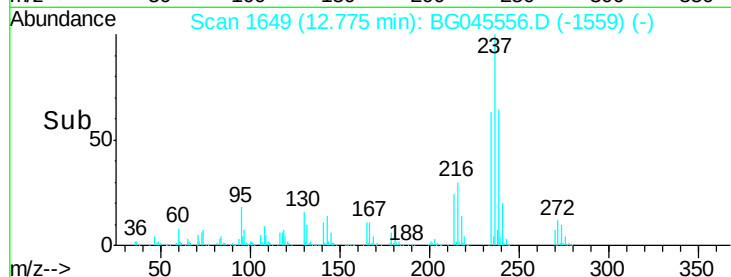
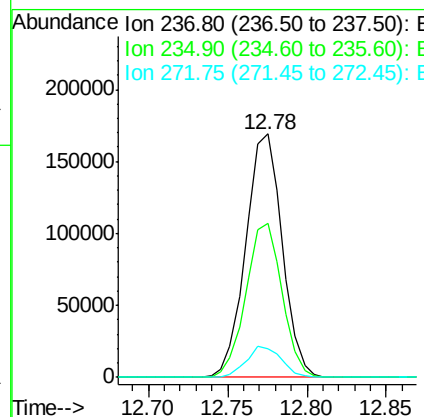
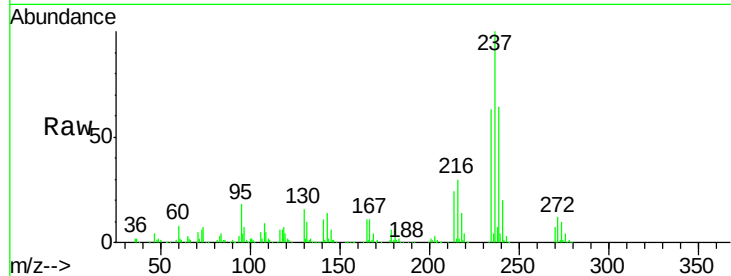
#41  
Hexachlorocyclopentadiene  
Concen: 90.119 ng  
RT: 12.78 min Scan# 1649  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 63.1  | 44.4       | 84.4  |
| 272     | 11.8  | 0.0        | 32.5  |

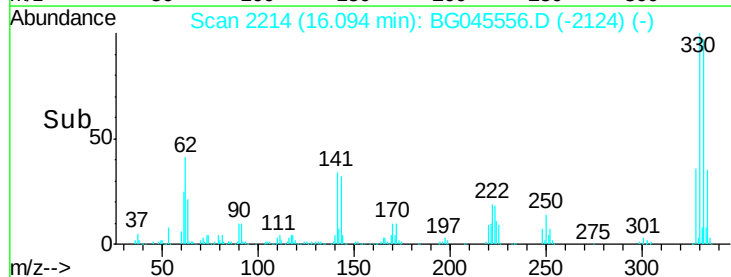
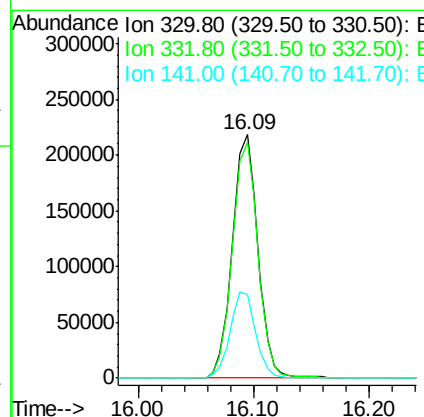
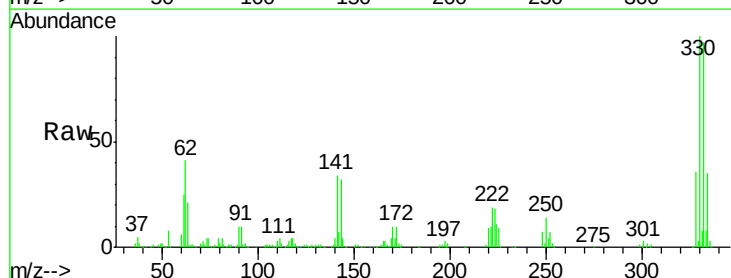
Manual Integrations  
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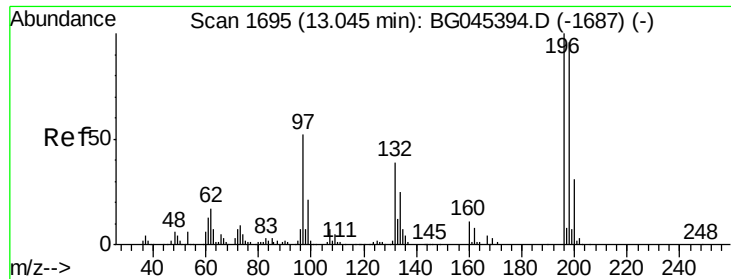
mohammad  
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#42  
2,4,6-Tribromophenol  
Concen: 141.940 ng  
RT: 16.09 min Scan# 2214  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 97.0  | 78.2       | 117.4 |
| 141     | 35.3  | 28.2       | 42.4  |





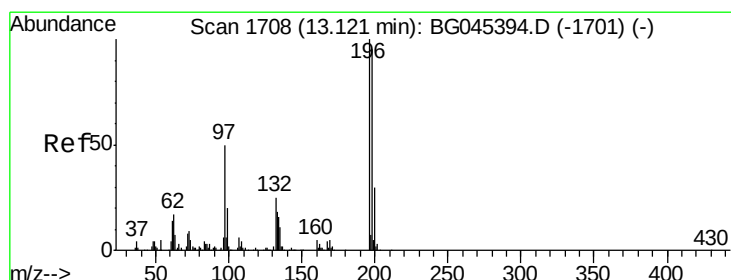
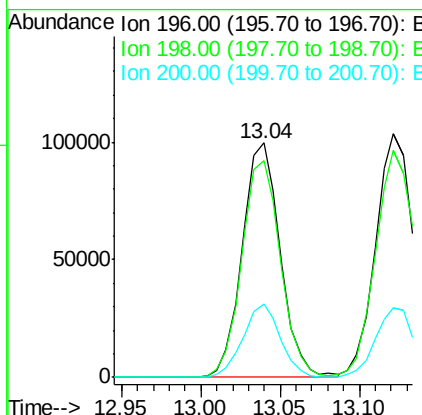
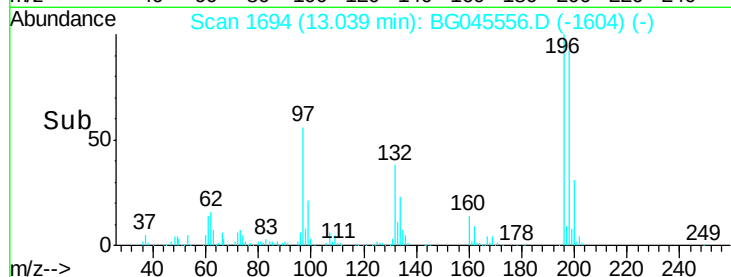
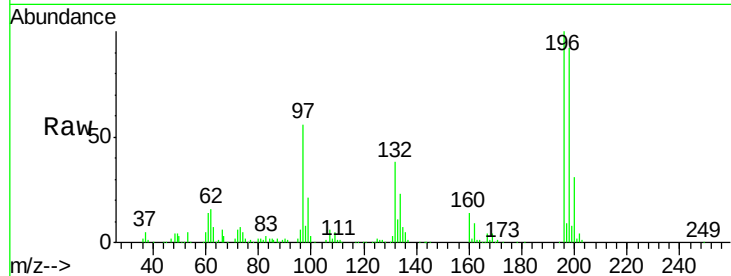
#43  
 2,4,6-Trichlorophenol  
 Concen: 46.130 ng  
 RT: 13.04 min Scan# 1694  
 Delta R.T. 0.00 min  
 Lab File: BG045556.D  
 Acq: 1 Jun 2020 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129209BS

|             |       |            |
|-------------|-------|------------|
| Tot Ion:196 | Resp: | 165871     |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 92.4  | 76.7 115.1 |
| 200         | 31.2  | 24.9 37.3  |

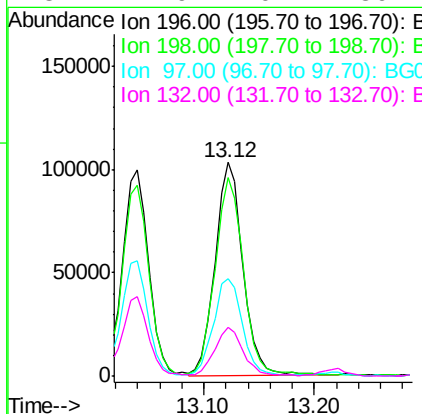
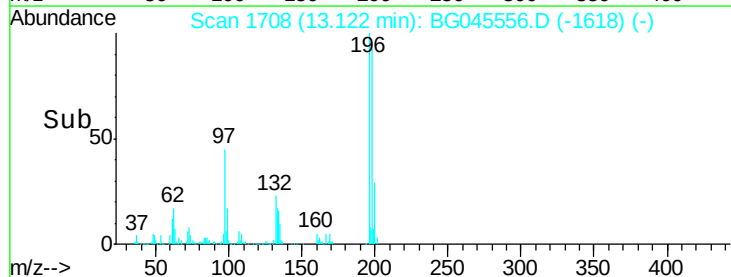
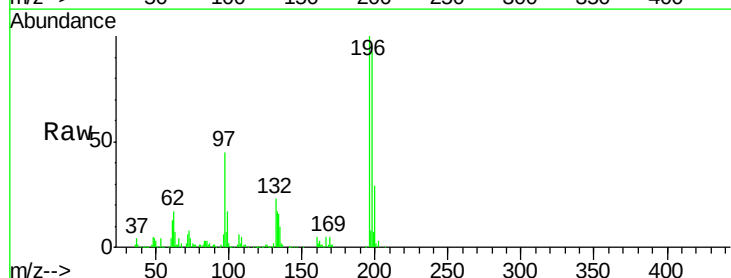
Manual Integrations  
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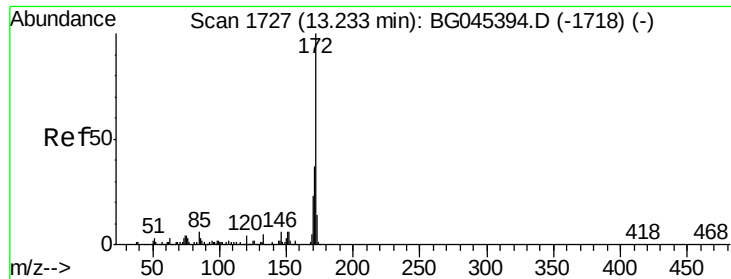
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 43.780 ng  
 RT: 13.12 min Scan# 1708  
 Delta R.T. 0.00 min  
 Lab File: BG045556.D  
 Acq: 1 Jun 2020 15:15

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 179889     |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 93.1  | 76.1 114.1 |
| 97          | 45.3  | 40.0 60.0  |
| 132         | 22.9  | 20.2 30.2  |





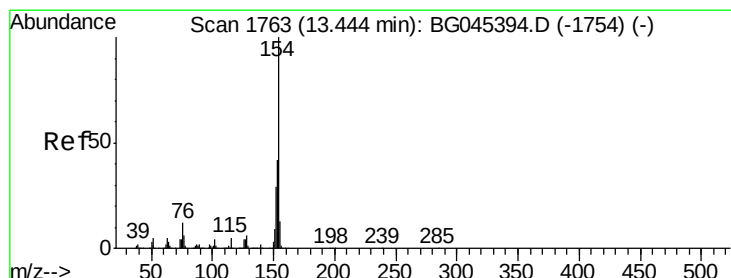
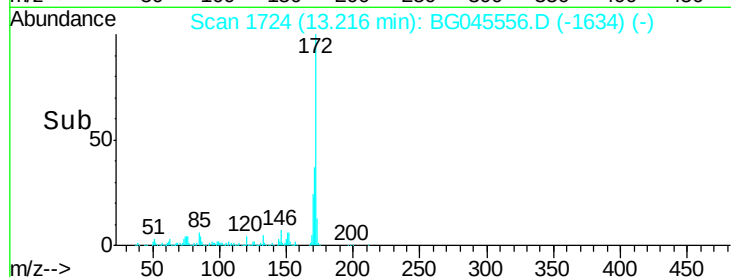
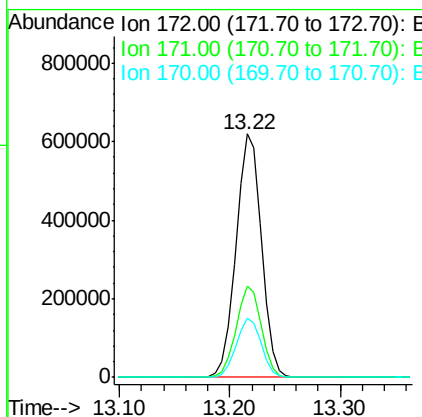
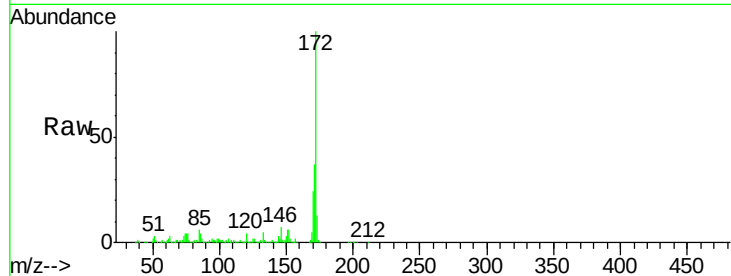
#45  
2-Fluorobiphenyl  
Concen: 91.465 ng  
RT: 13.22 min Scan# 1724  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.3  | 29.5  | 44.3  |
| 170     | 24.2  | 18.5  | 27.7  |

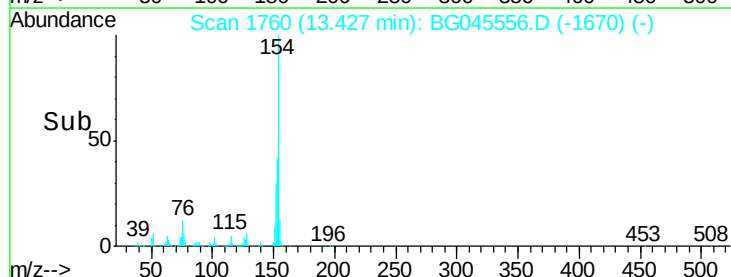
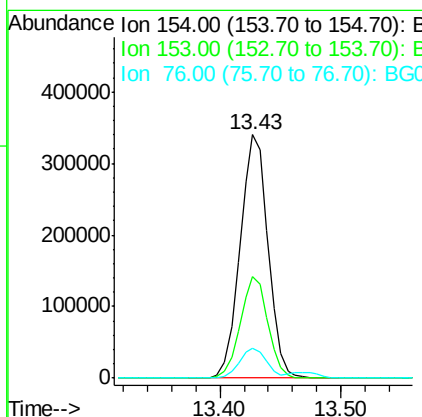
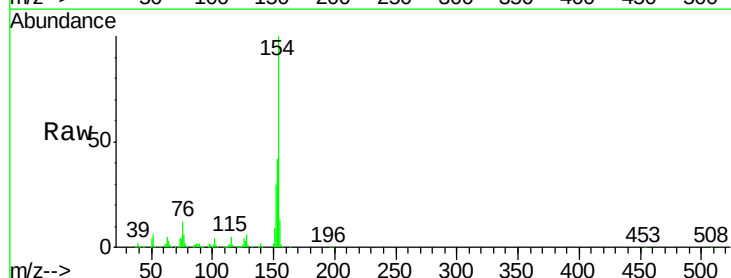
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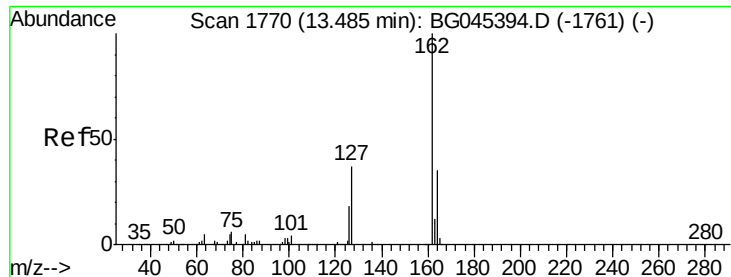
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 47.887 ng  
RT: 13.43 min Scan# 1760  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.9  | 22.2  | 62.2  |
| 76      | 12.4  | 0.0   | 32.4  |





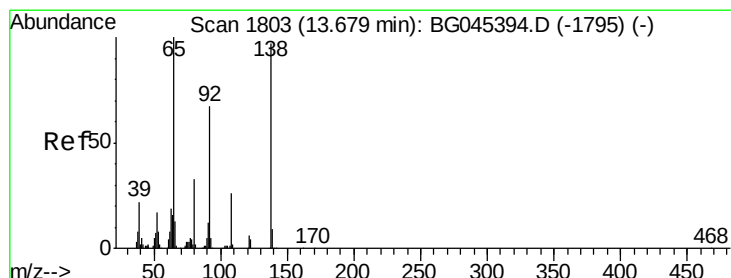
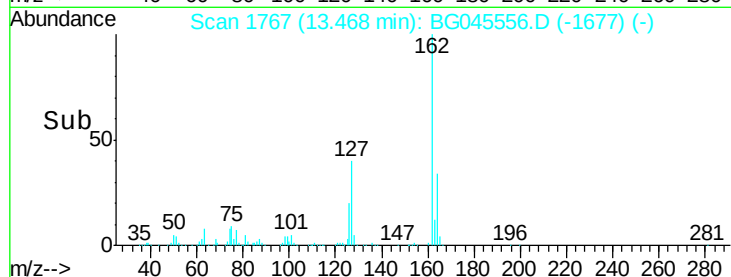
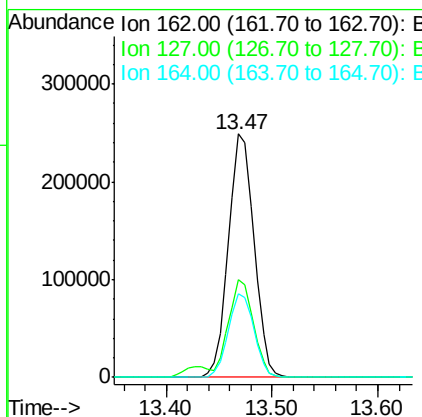
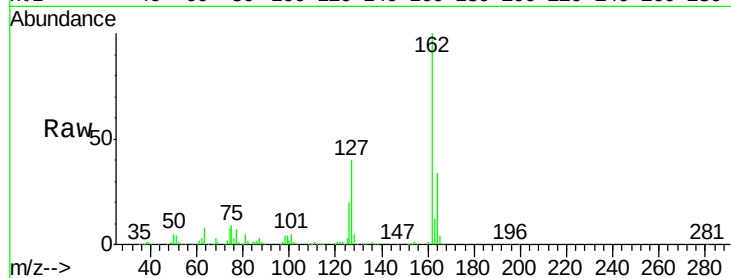
#47  
2-Chloronaphthalene  
Concen: 45.145 ng  
RT: 13.47 min Scan# 1767  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.9  | 31.6  | 47.4  |
| 164     | 34.3  | 28.1  | 42.1  |

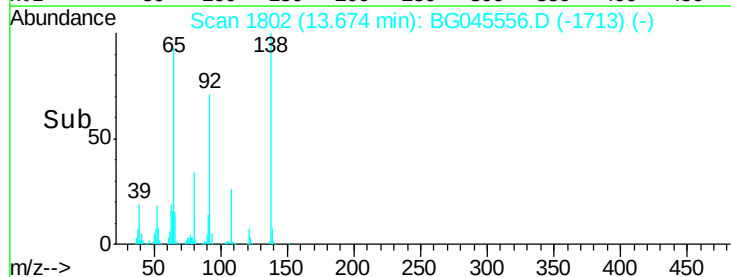
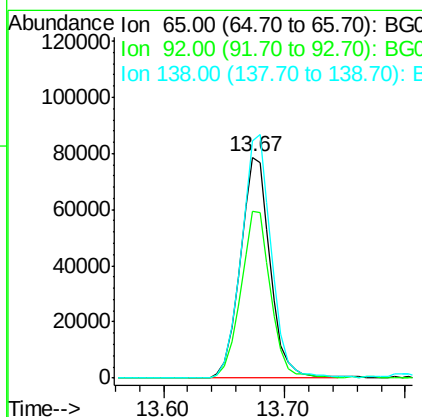
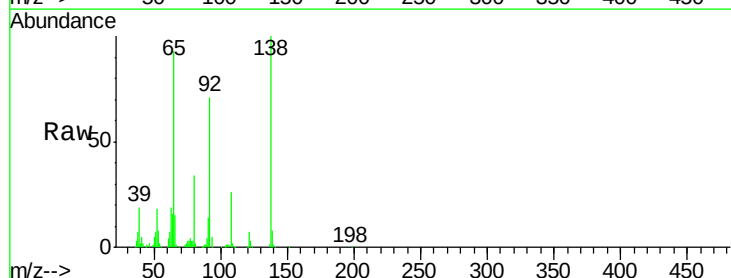
Manual Integrations  
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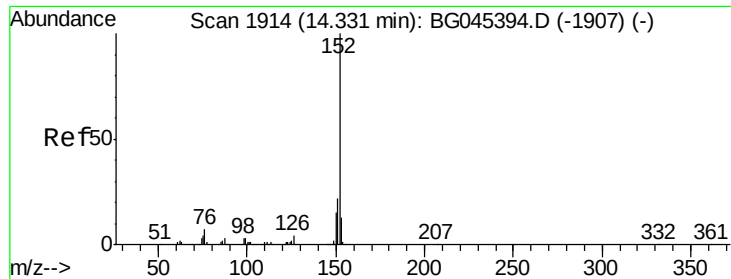
mohammad  
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#48  
2-Nitroaniline  
Concen: 44.577 ng  
RT: 13.67 min Scan# 1802  
Delta R.T. -0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 75.8  | 53.8  | 80.8  |
| 138     | 107.2 | 77.9  | 116.9 |





#49

Acenaphthylene

Concen: 46.853 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

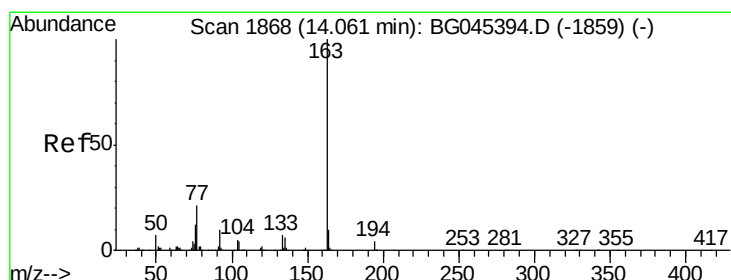
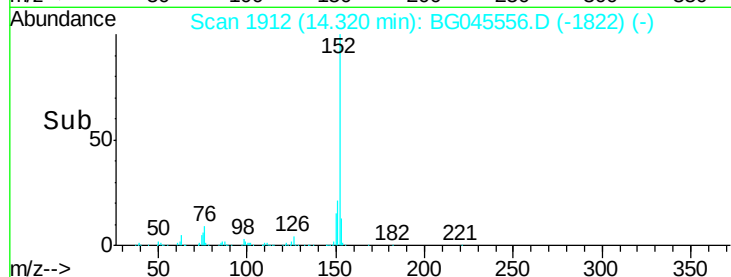
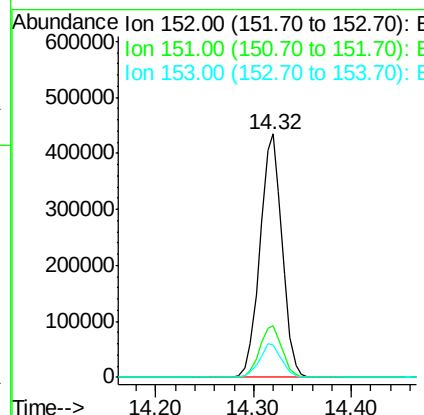
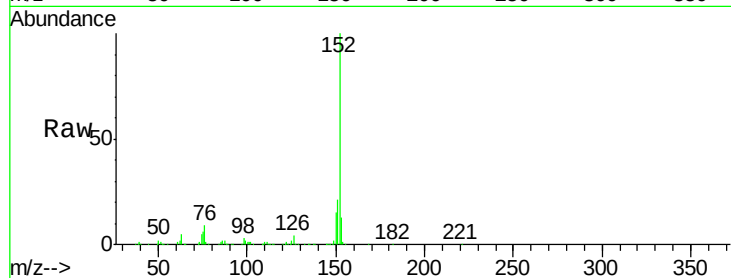
ClientSampleId :

PB129209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 695873 |       |       |
| 151     | 21.0  |        | 17.4  | 26.2  |
| 153     | 13.3  |        | 10.7  | 16.1  |

Manual Integrations  
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#50

Dimethylphthalate

Concen: 45.405 ng

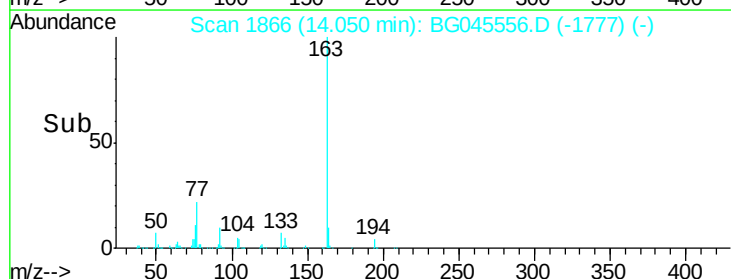
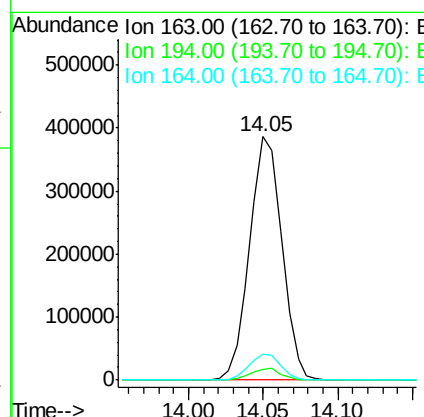
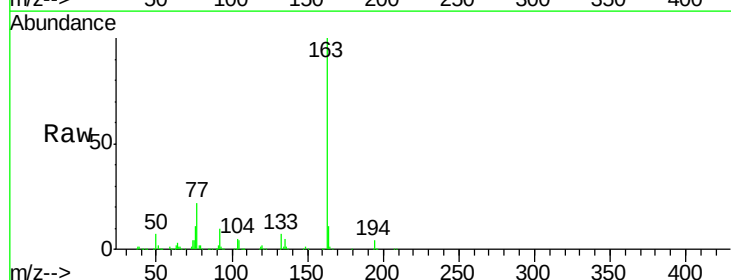
RT: 14.05 min Scan# 1866

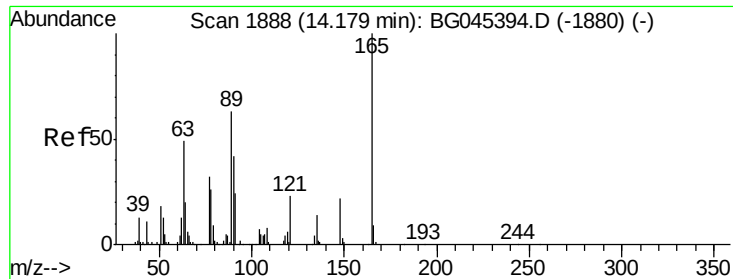
Delta R.T. -0.01 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 577211 |       |       |
| 194     | 4.3   |        | 3.2   | 4.8   |
| 164     | 10.5  |        | 8.3   | 12.5  |





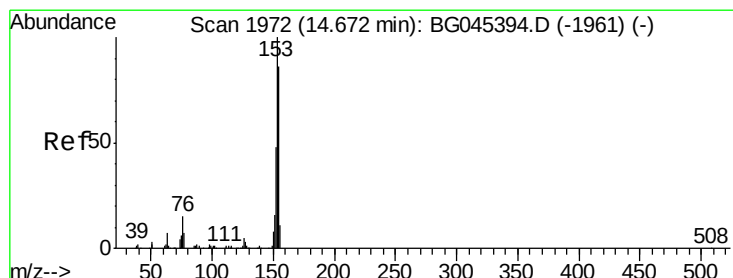
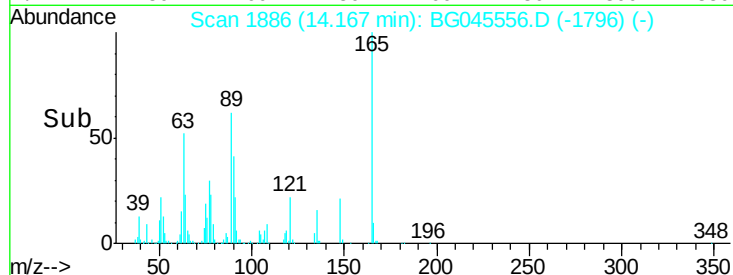
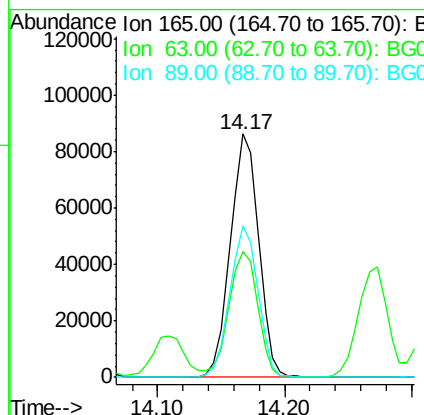
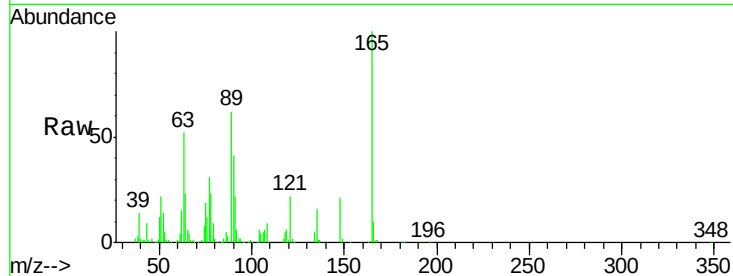
#51  
 2,6-Dinitrotoluene  
 Concen: 46.247 ng  
 RT: 14.17 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: BG045556.D  
 Acq: 1 Jun 2020 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129209BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 51.8  | 45.0       | 67.4       |
| 89      | 62.1  | 50.2       | 75.4       |

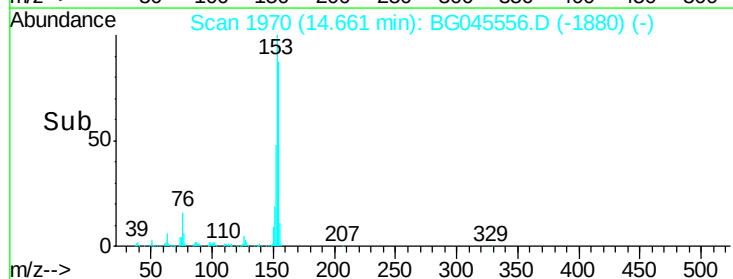
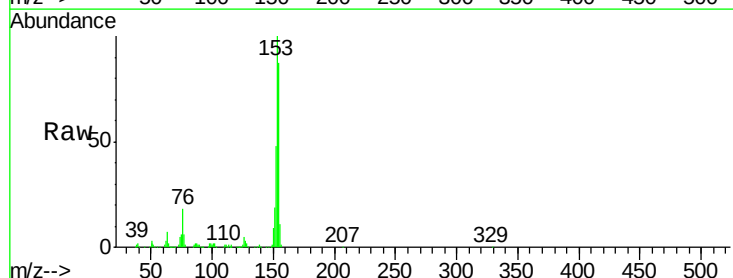
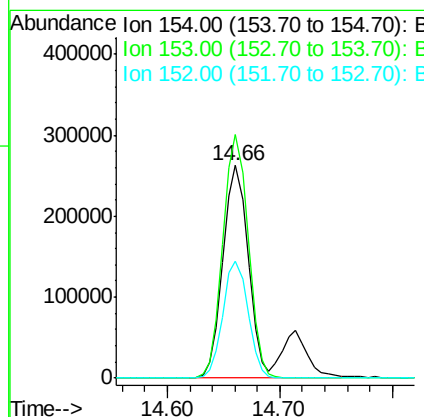
Manual Integrations  
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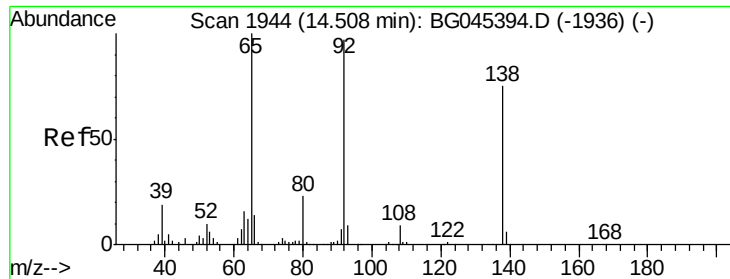
mohammad  
 6/2/2020 3:22:42 PM



#52  
 Acenaphthene  
 Concen: 50.656 ng m  
 RT: 14.66 min Scan# 1970  
 Delta R.T. 0.00 min  
 Lab File: BG045556.D  
 Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 114.4 | 92.8       | 139.2      |
| 152     | 55.2  | 44.6       | 66.8       |





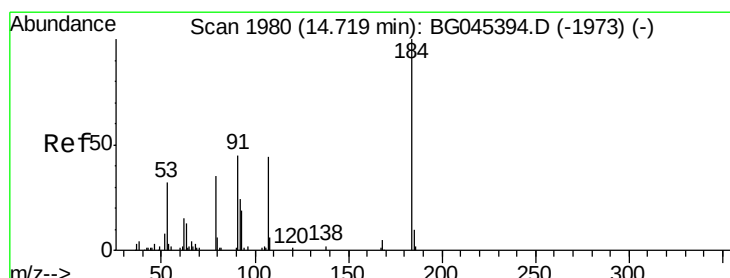
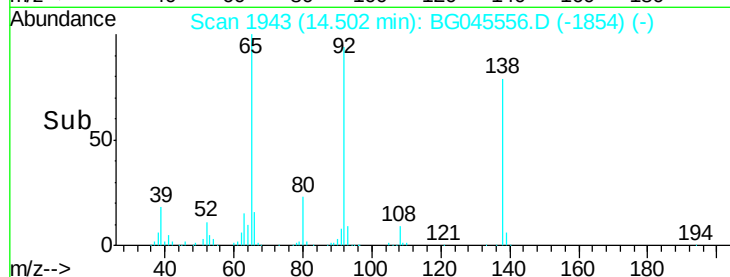
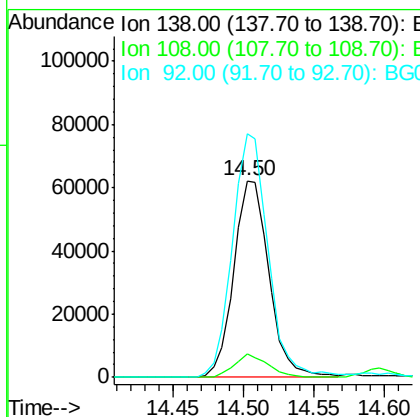
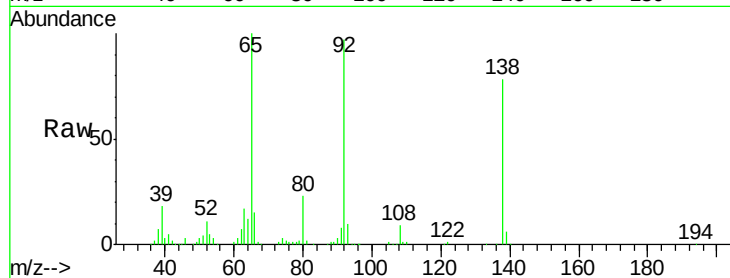
#53  
 3-Nitroaniline  
 Concen: 37.283 ng  
 RT: 14.50 min Scan# 1943  
 Delta R.T. -0.01 min  
 Lab File: BG045556.D  
 Acq: 1 Jun 2020 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.7  | 9.8   | 14.6  |
| 92      | 123.7 | 103.0 | 154.4 |

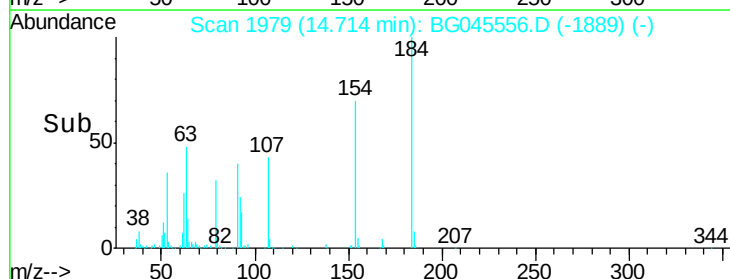
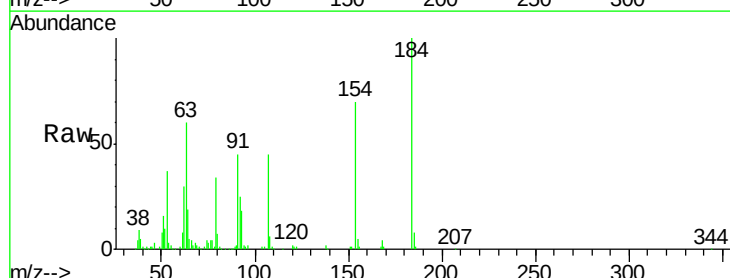
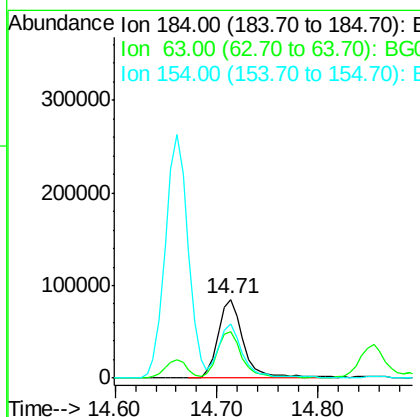
Manual Integrations  
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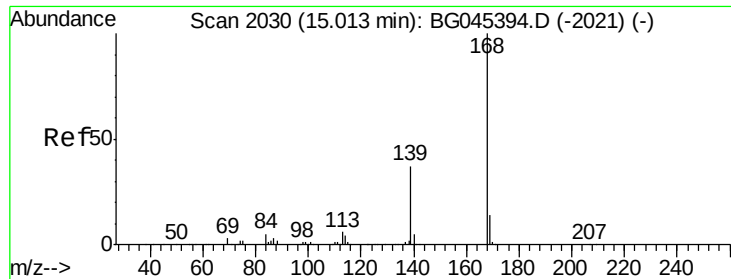
mohammad  
 6/2/2020 3:22:42 PM



#54  
 2,4-Dinitrophenol  
 Concen: 78.611 ng  
 RT: 14.71 min Scan# 1979  
 Delta R.T. 0.00 min  
 Lab File: BG045556.D  
 Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 59.5  | 47.8  | 71.6  |
| 154     | 69.8  | 58.3  | 87.5  |





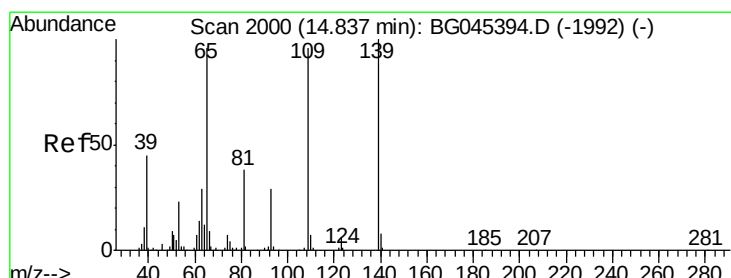
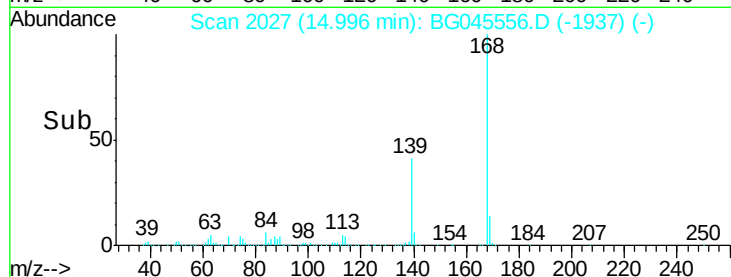
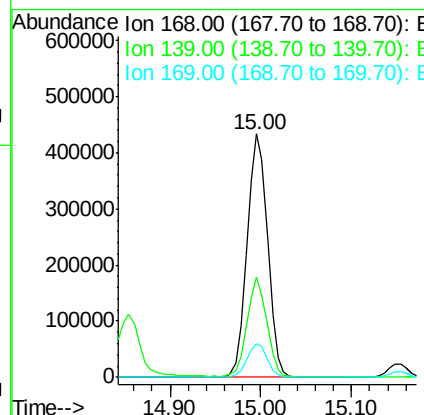
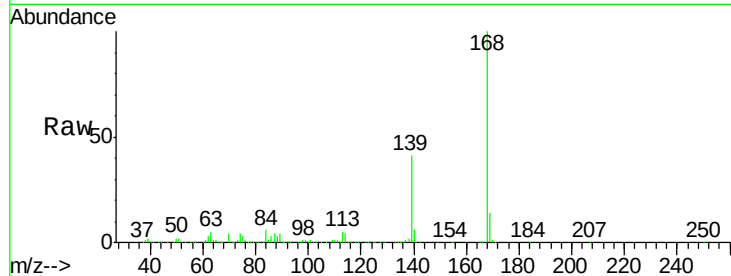
#55  
Dibenzenofuran  
Concen: 45.937 ng  
RT: 15.00 min Scan# 2027  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampled :  
PB129209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 678208 |       |       |
| 139     | 41.0  |        | 29.9  | 44.9  |
| 169     | 13.8  |        | 10.9  | 16.3  |

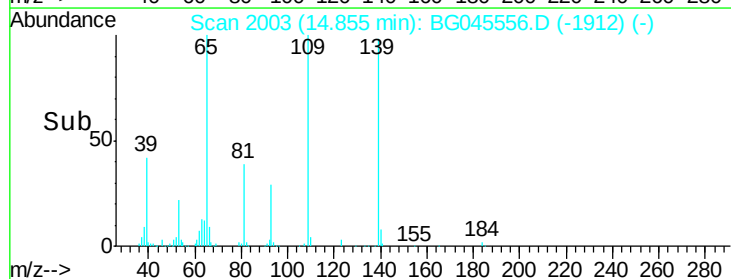
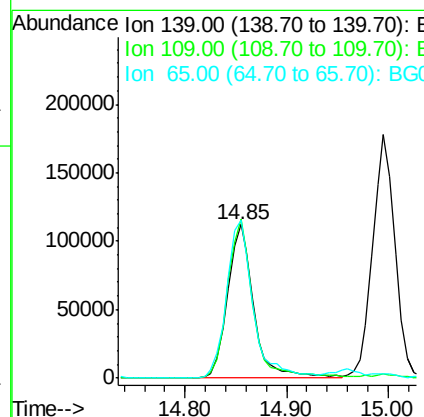
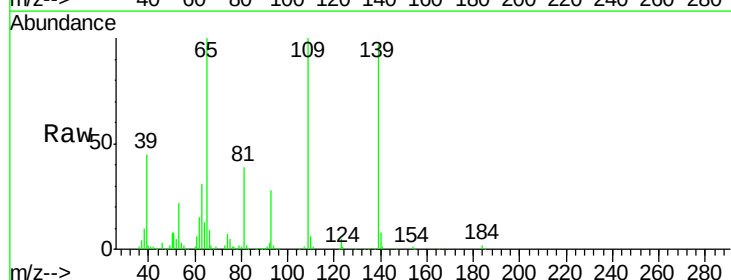
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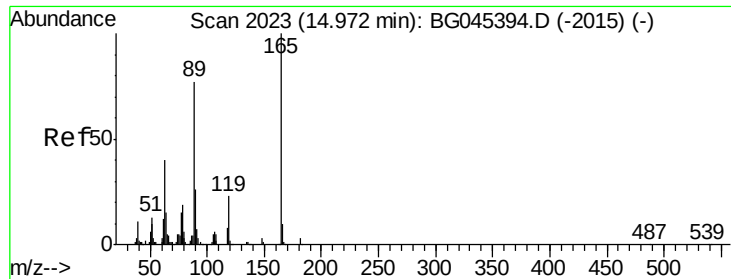


#56  
4-Nitrophenol  
Concen: 91.034 ng  
RT: 14.85 min Scan# 2003  
Delta R.T. 0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 200980 |       |       |
| 109     | 103.0 |        | 75.6  | 115.6 |
| 65      | 102.9 |        | 76.8  | 116.8 |







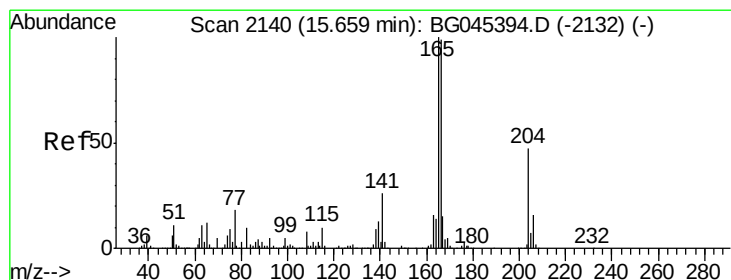
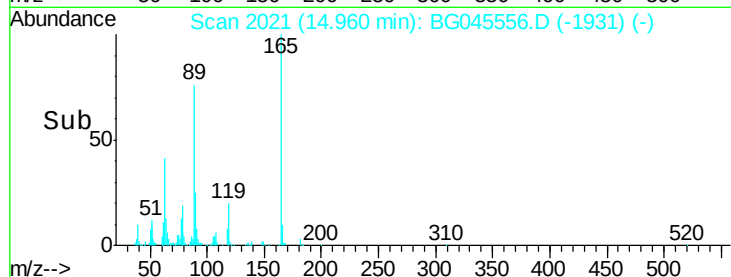
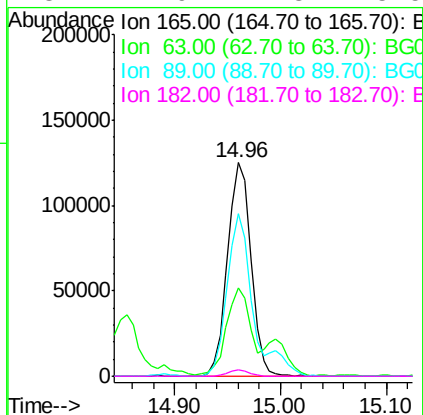
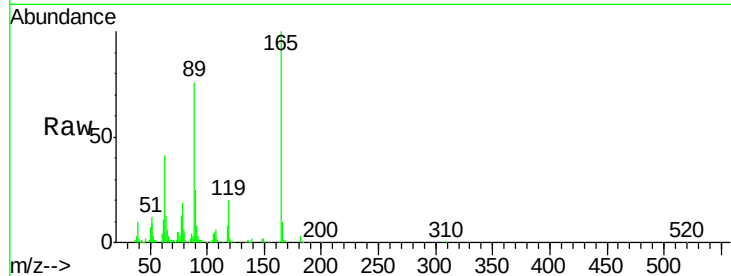
#57  
2,4-Dinitrotoluene  
Concen: 46.397 ng  
RT: 14.96 min Scan# 2021  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 41.2  | 32.5       | 48.7       |
| 89      | 76.3  | 61.8       | 92.6       |
| 182     | 2.9   | 2.3        | 3.5        |

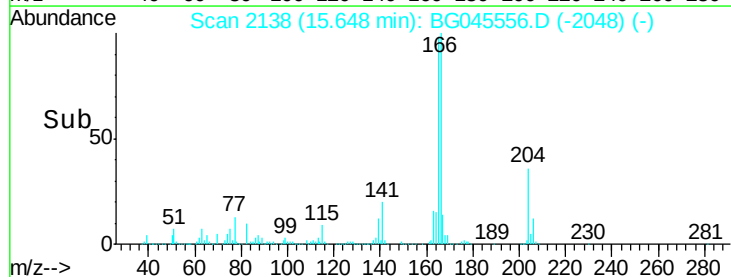
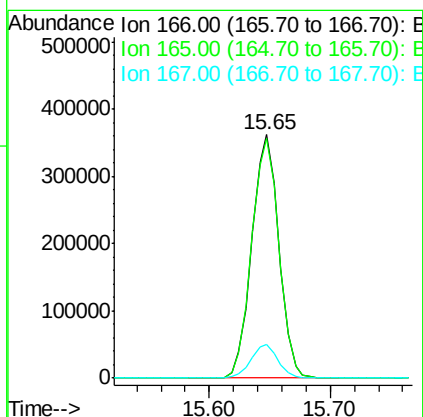
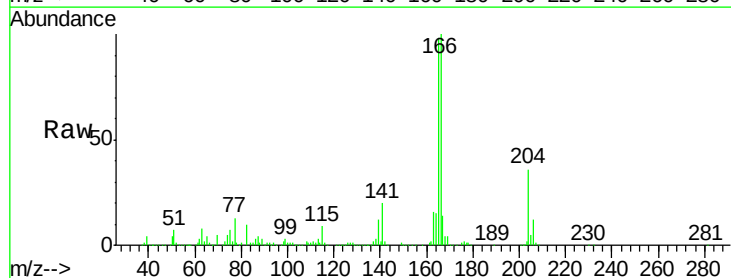
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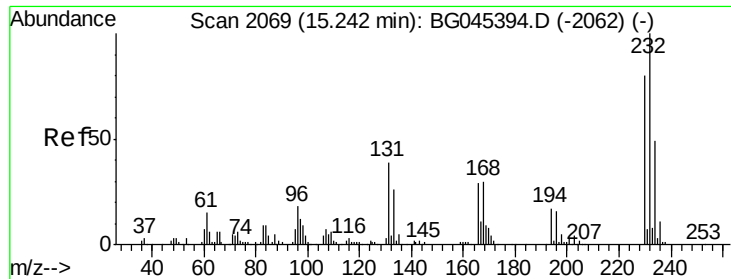
mohammad  
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#58  
Fluorene  
Concen: 46.538 ng  
RT: 15.65 min Scan# 2138  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 166     | 100   |            |            |
| 165     | 98.4  | 80.8       | 121.2      |
| 167     | 13.9  | 12.0       | 18.0       |





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.344 ng

RT: 15.24 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

ClientSampleId :

PB129209BS

Tot Ion:232 Resp: 171148  
Ion Ratio Lower Upper

232 100

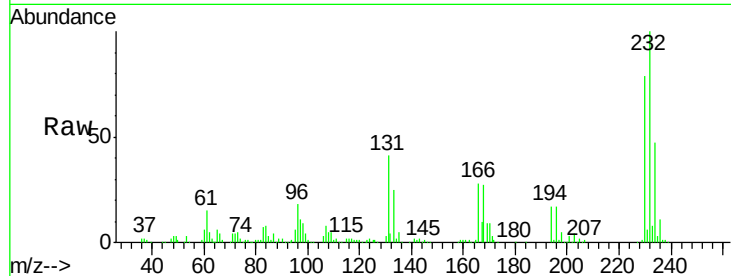
131 39.7 33.7 50.5

130 2.2 2.1 3.1

166 29.9 23.2 34.8

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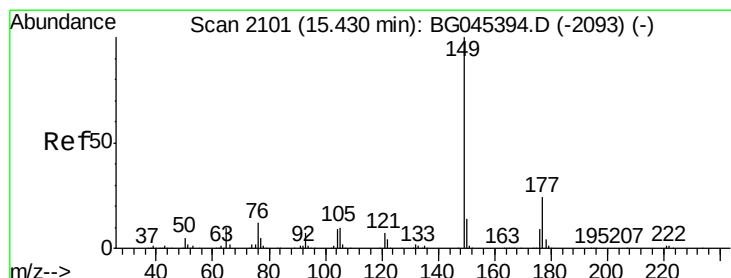
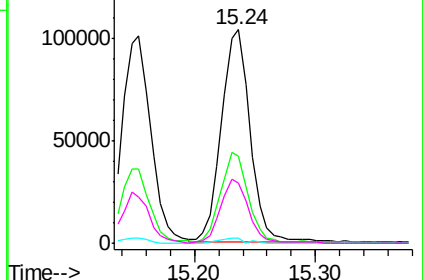
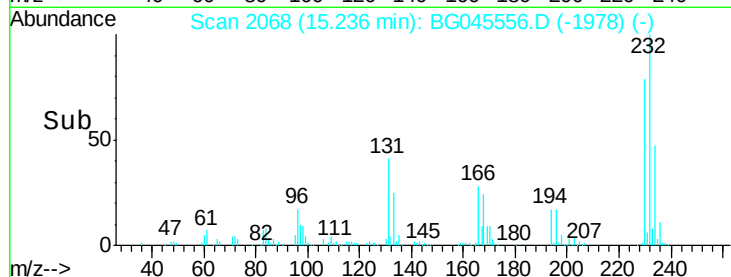


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.329 ng

RT: 15.42 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BG045556.D

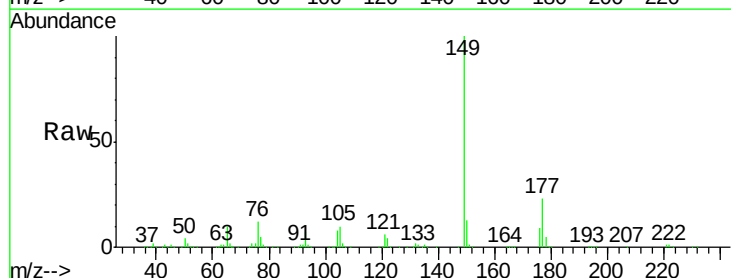
Acq: 1 Jun 2020 15:15

Tgt Ion:149 Resp: 599777  
Ion Ratio Lower Upper

149 100

177 23.0 19.0 28.4

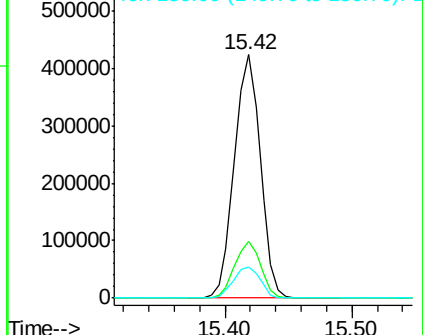
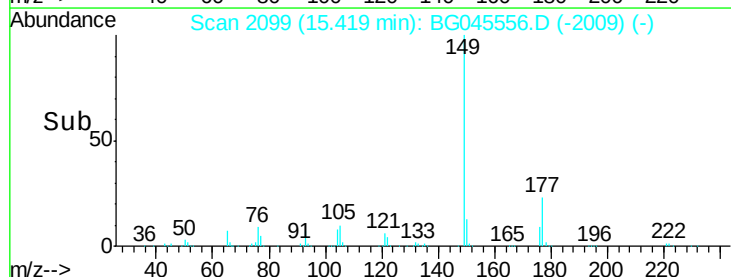
150 12.5 11.4 17.0

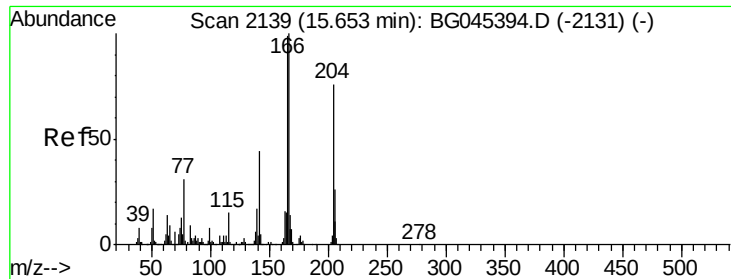


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





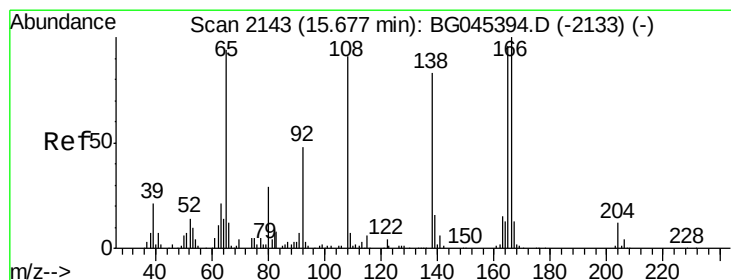
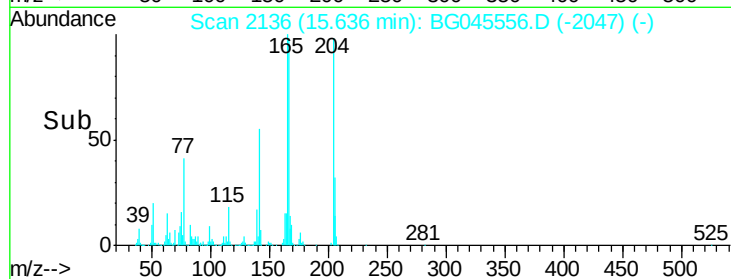
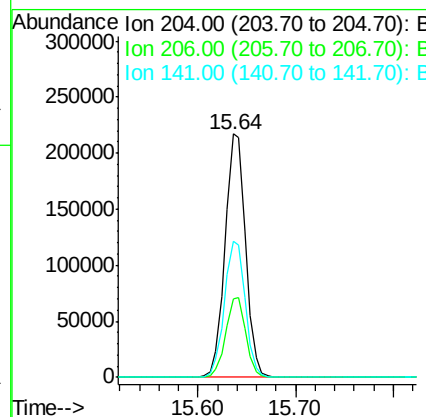
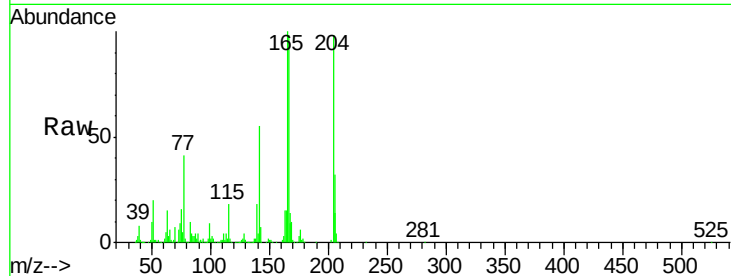
#61  
4-Chlorophenyl-phenylether  
Concen: 45.433 ng  
RT: 15.64 min Scan# 2136  
Delta R.T. -0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.2  | 27.3  | 40.9  |
| 141     | 55.9  | 45.9  | 68.9  |

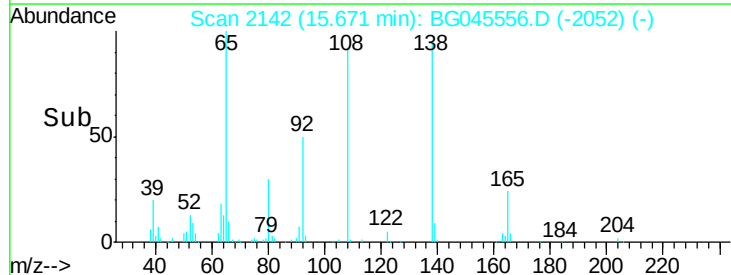
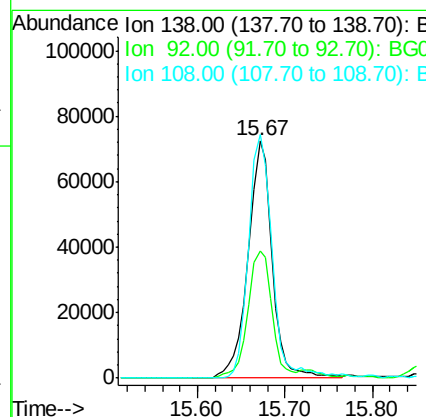
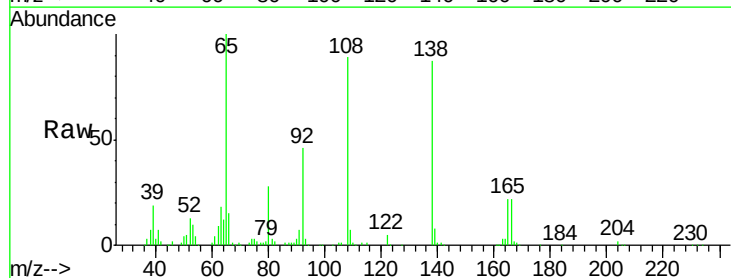
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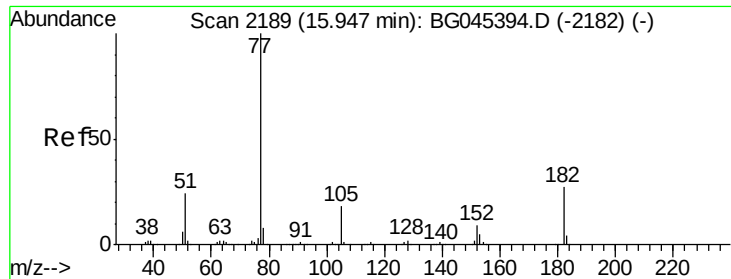
mohammad  
6/2/2020 3:22:42 PM



#62  
4-Nitroaniline  
Concen: 44.273 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 53.3  | 38.0  | 78.0  |
| 108     | 102.5 | 89.3  | 129.3 |





#63

Azobenzene

Concen: 46.853 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

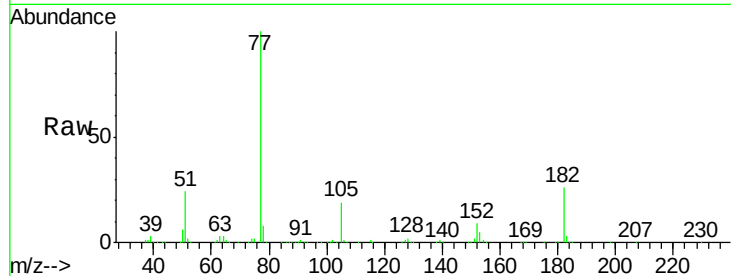
ClientSampleId :

PB129209BS

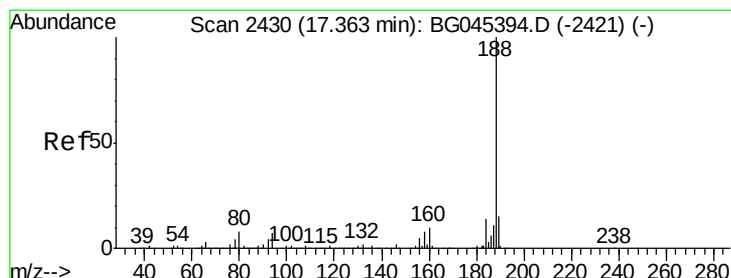
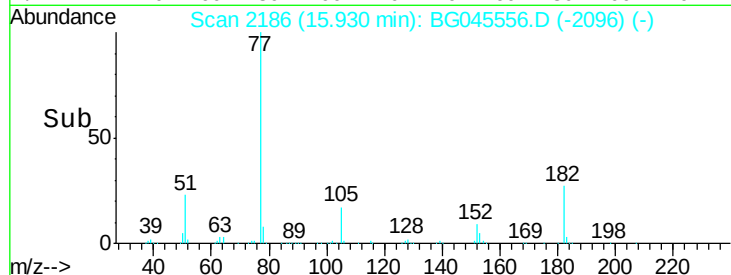
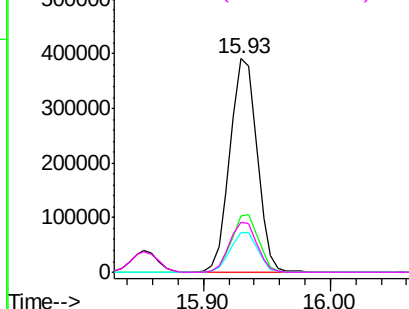
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 578066 |       |       |
| 182     | 26.3 | 6.5   | 46.5   |       |       |
| 105     | 18.8 | 0.0   | 37.9   |       |       |
| 51      | 23.6 | 4.1   | 44.1   |       |       |

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



#64

Phenanthrene-d10

Concen: 20.000 ng

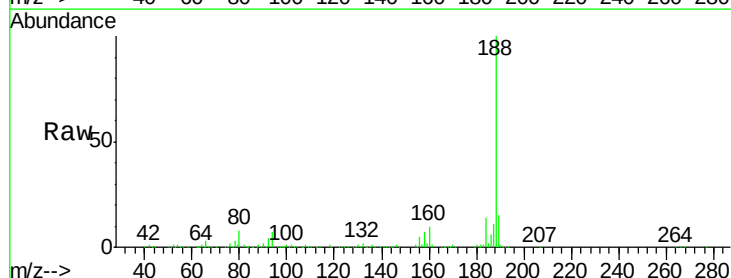
RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

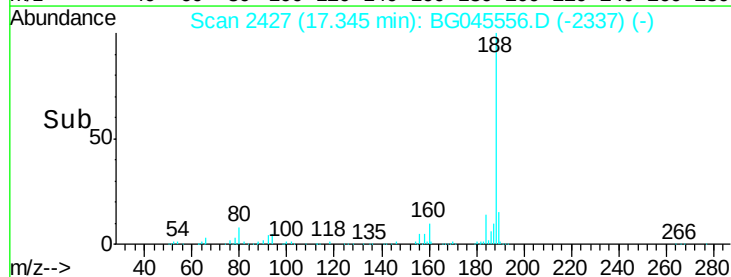
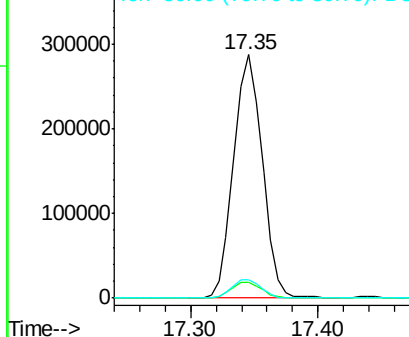
Lab File: BG045556.D

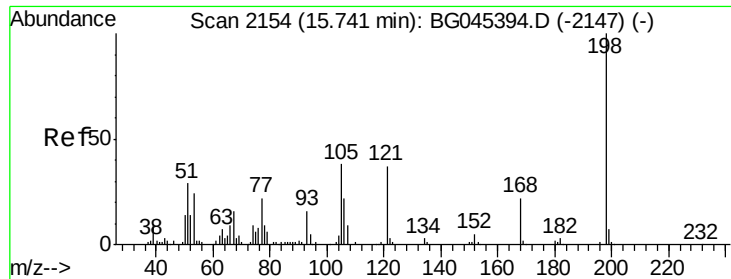
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 451183 |       |       |
| 94      | 6.7 | 5.5   | 8.3    |       |       |
| 80      | 7.8 | 6.6   | 10.0   |       |       |



Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC





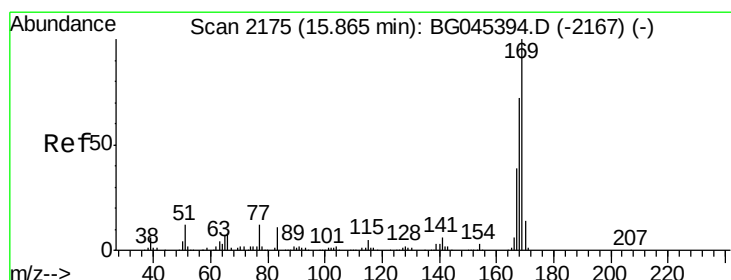
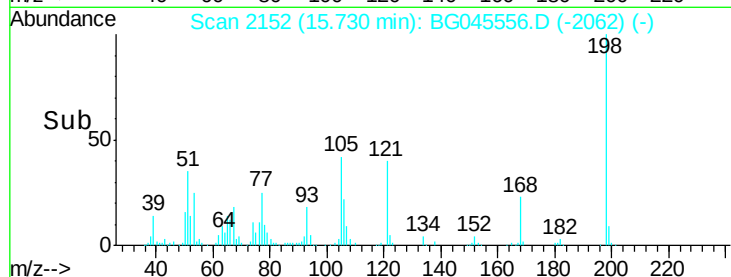
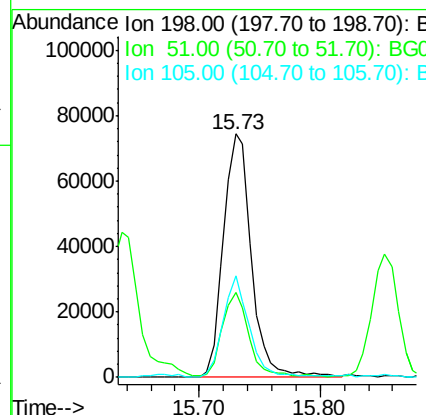
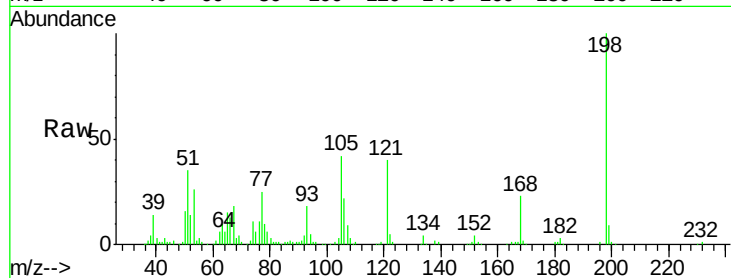
#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.294 ng  
RT: 15.73 min Scan# 2152  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleID :  
PB129209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 119017 |       |       |
| 51      | 34.7  | 10.0   | 50.0  |       |
| 105     | 42.0  | 18.9   | 58.9  |       |

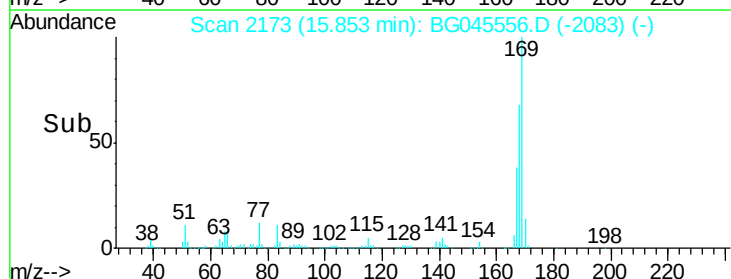
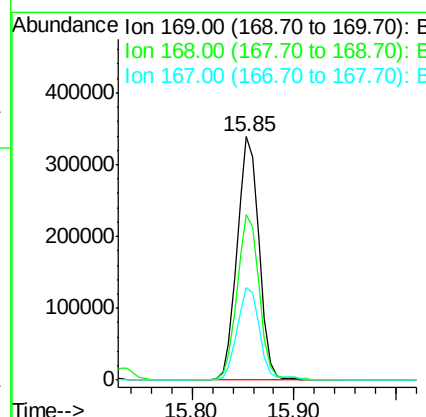
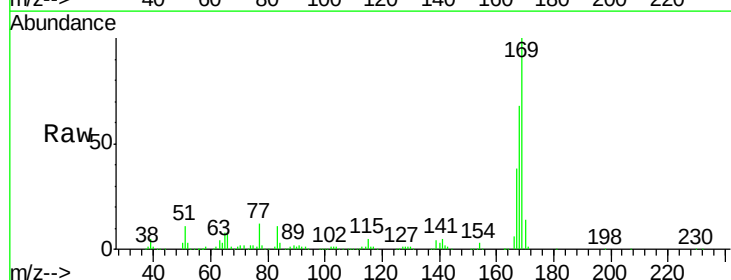
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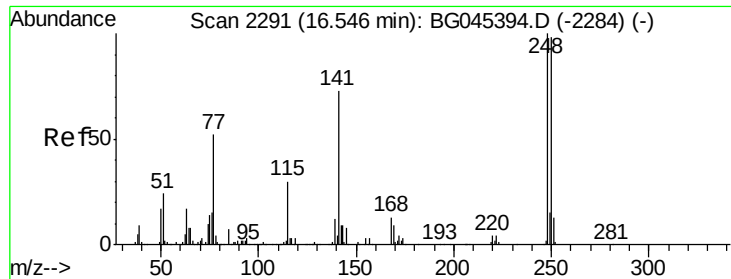
mohammad  
6/2/2020 3:22:42 PM



#66  
n-Nitrosodiphenylamine  
Concen: 46.681 ng  
RT: 15.85 min Scan# 2173  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 505694 |       |       |
| 168     | 68.2  | 57.8   | 86.6  |       |
| 167     | 38.2  | 31.5   | 47.3  |       |





#67

4-Bromophenyl-phenylether

Concen: 44.487 ng

RT: 16.53 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

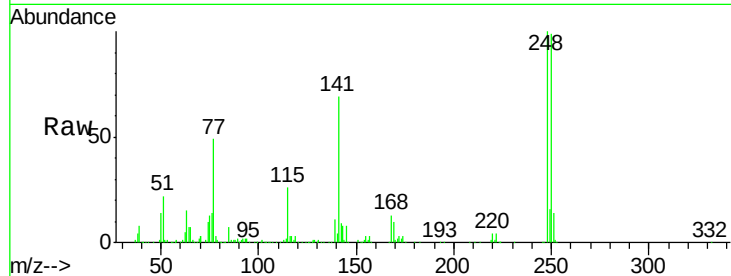
ClientSampleId :

PB129209BS

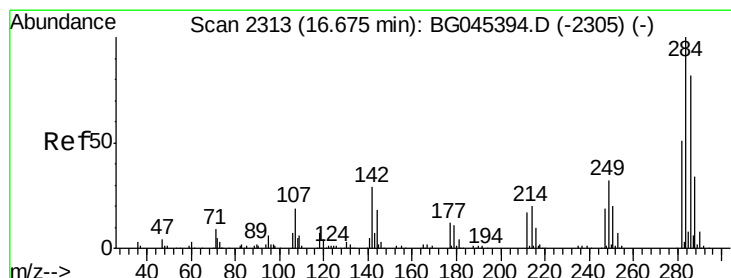
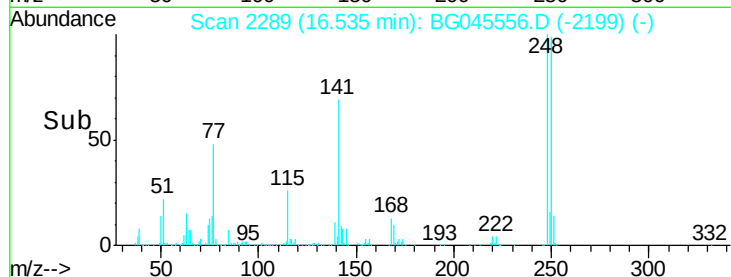
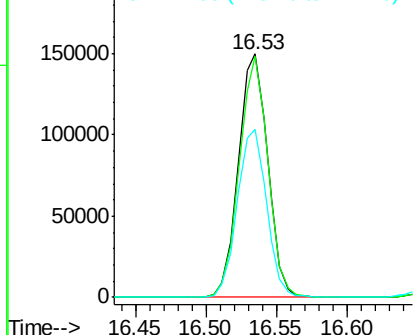
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 217345 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 99.2  | 78.6  | 117.8  |
| 141       | 68.9  | 58.2  | 87.2   |

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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: 46.428 ng

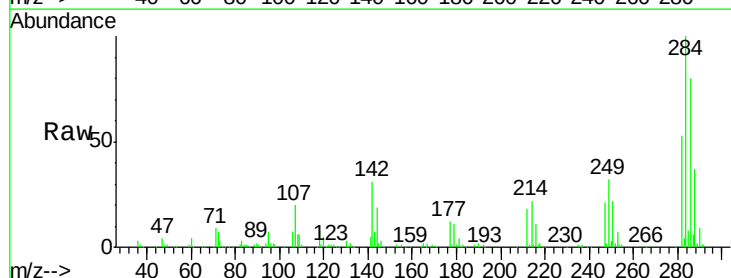
RT: 16.66 min Scan# 2310

Delta R.T. 0.00 min

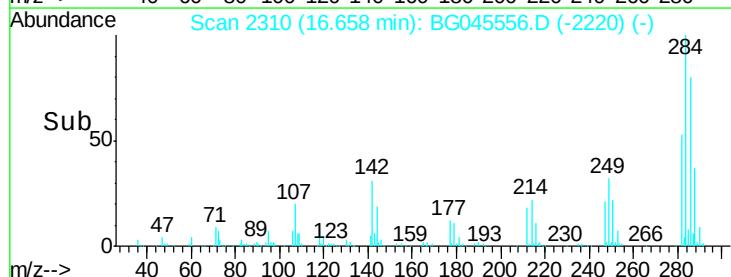
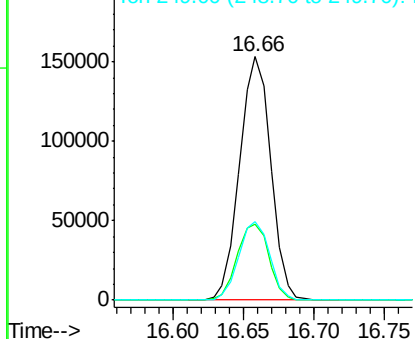
Lab File: BG045556.D

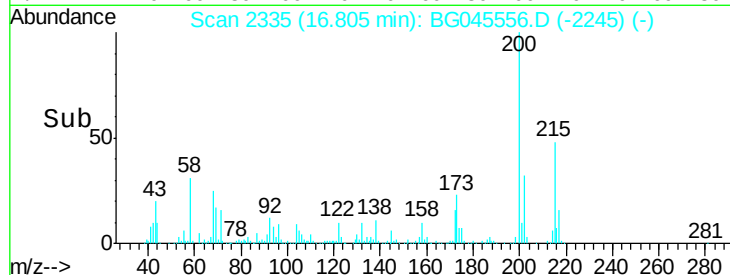
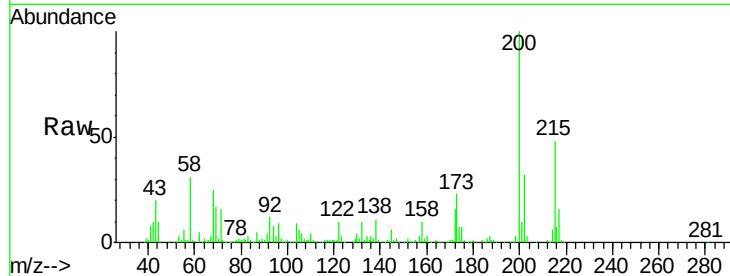
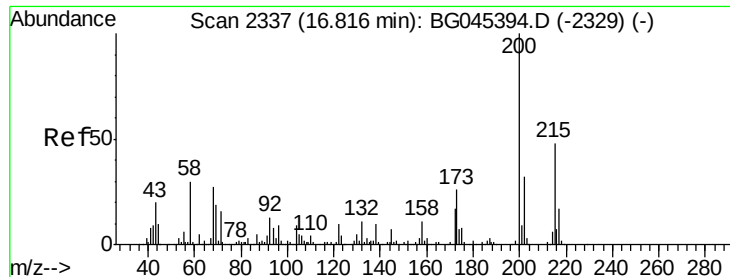
Acq: 1 Jun 2020 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 237243 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 31.4  | 23.0  | 34.6   |
| 249       | 32.4  | 25.8  | 38.6   |



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: 43.263 ng

RT: 16.80 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

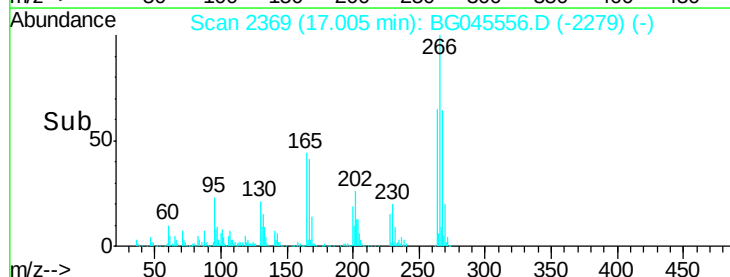
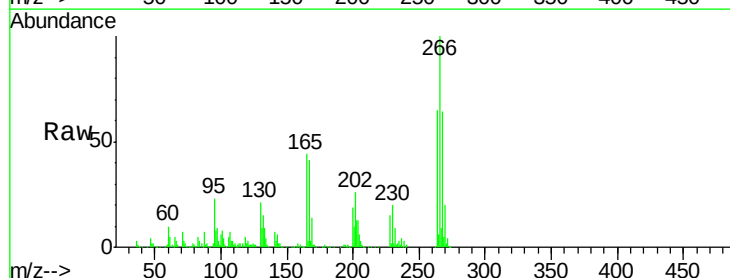
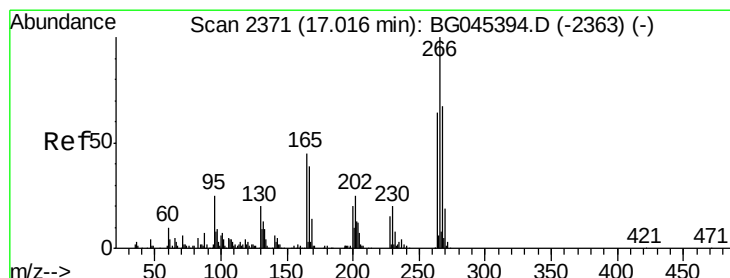
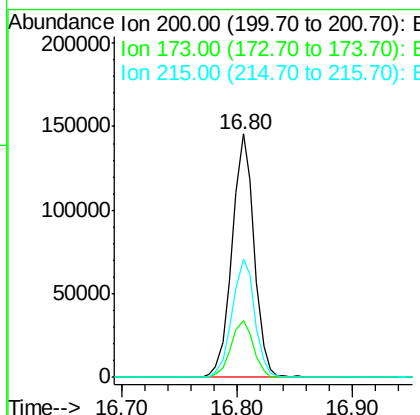
ClientSampleId :

PB129209BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 193037 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 23.3  | 5.5   | 45.5   |
| 215       | 48.3  | 28.2  | 68.2   |

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#70

Pentachlorophenol

Concen: 93.725 ng

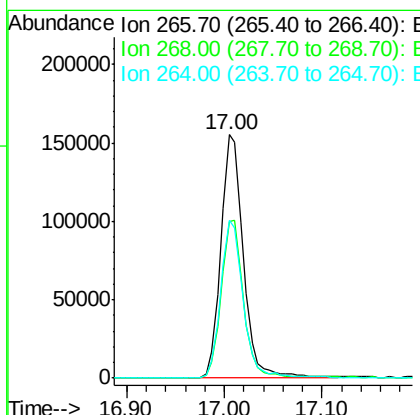
RT: 17.00 min Scan# 2369

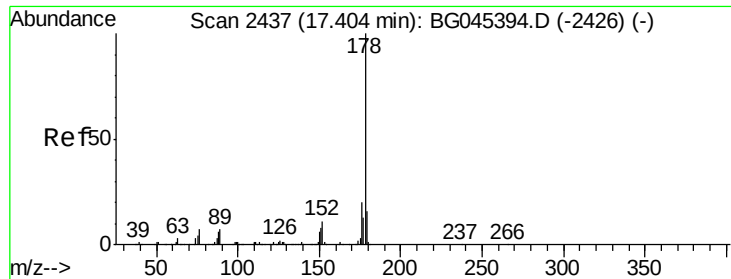
Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 248678 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 64.3  | 53.2  | 79.8   |
| 264       | 64.7  | 51.0  | 76.4   |





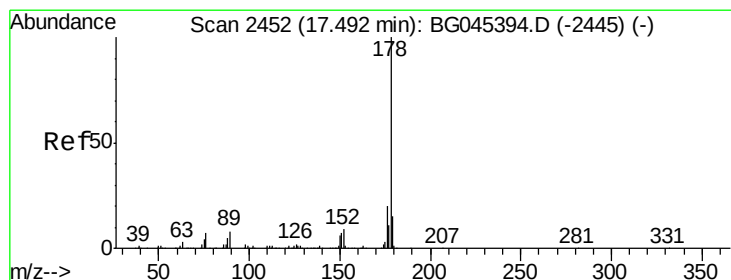
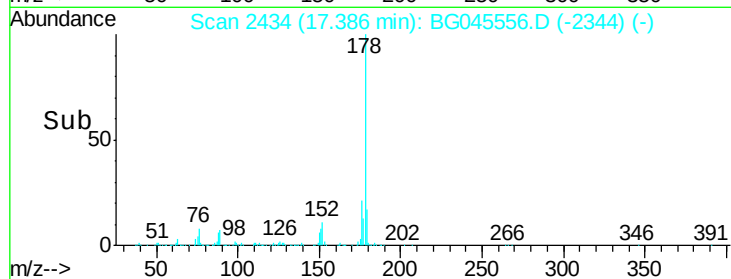
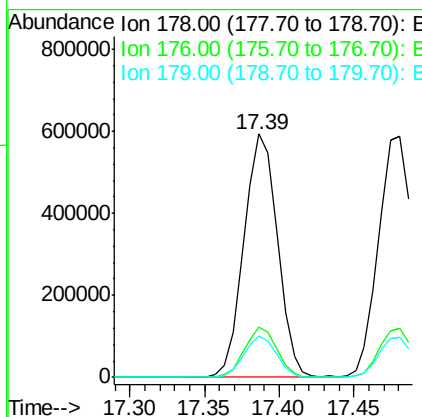
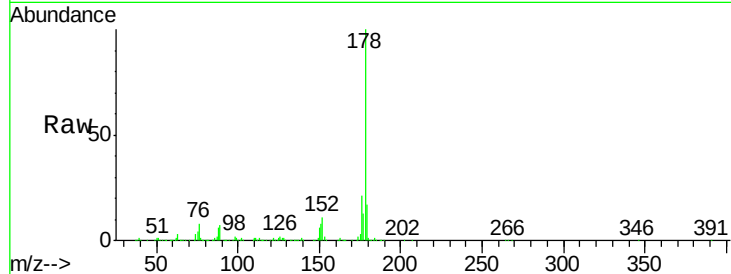
#71  
Phenanthrene  
Concen: 46.904 ng  
RT: 17.39 min Scan# 2434  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.9  | 16.2  | 24.4  |
| 179     | 16.8  | 13.1  | 19.7  |

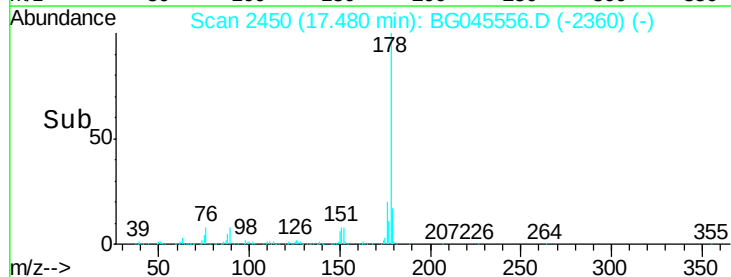
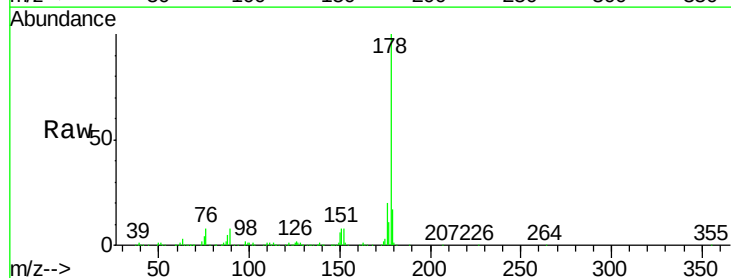
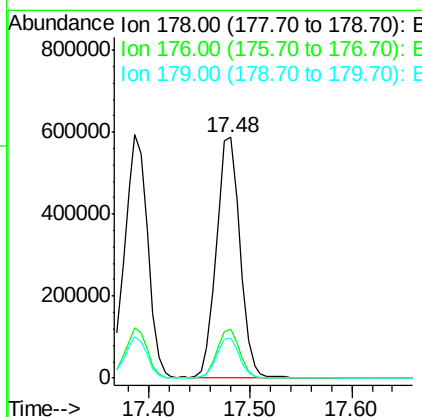
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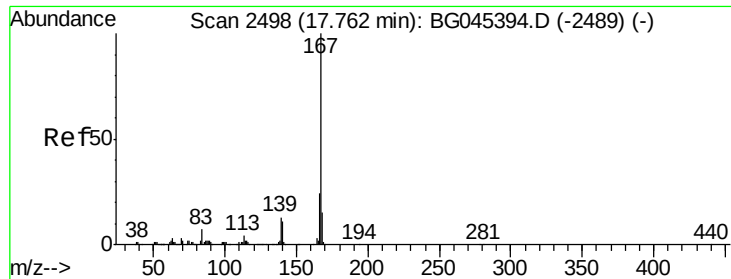


#72  
Anthracene  
Concen: 48.141 ng  
RT: 17.48 min Scan# 2450  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 15.8  | 23.6  |
| 179     | 16.8  | 12.2  | 18.4  |







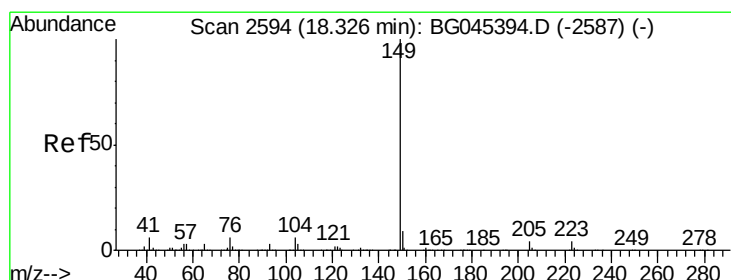
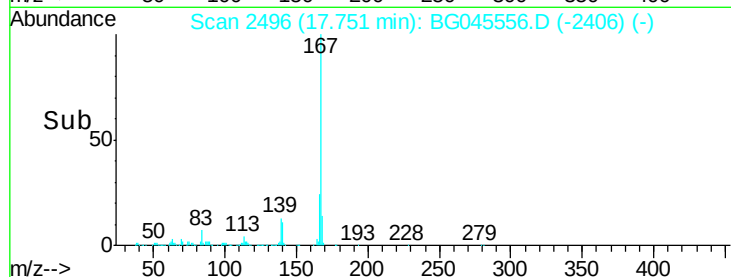
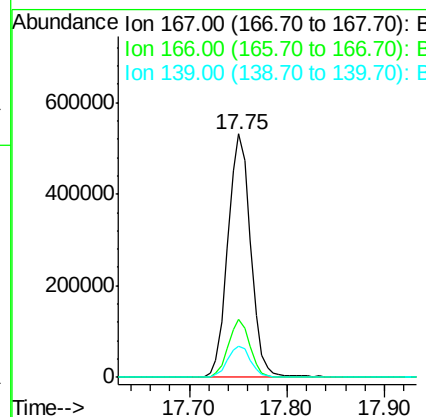
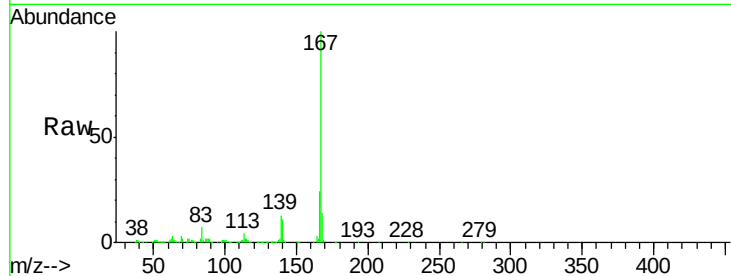
#73  
 Carbazole  
 Concen: 44.976 ng  
 RT: 17.75 min Scan# 2496  
 Delta R.T. 0.00 min  
 Lab File: BG045556.D  
 Acq: 1 Jun 2020 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.9  | 19.2  | 28.8  |
| 139     | 12.9  | 10.6  | 16.0  |

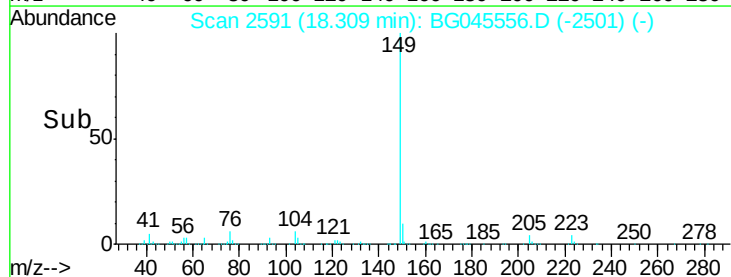
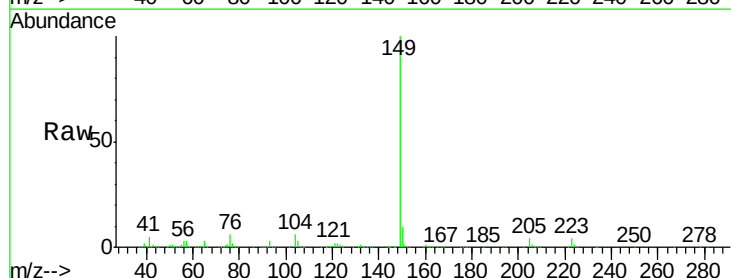
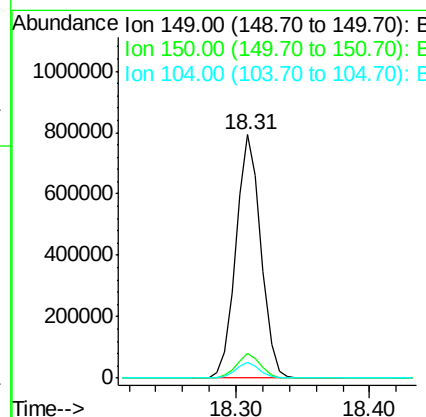
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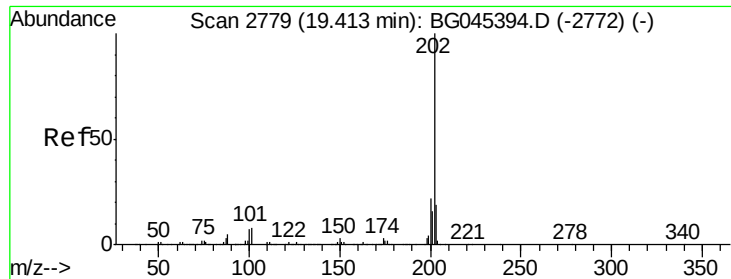
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#74  
 Di-n-butylphthalate  
 Concen: 44.512 ng  
 RT: 18.31 min Scan# 2591  
 Delta R.T. 0.00 min  
 Lab File: BG045556.D  
 Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.9   | 7.6   | 11.4  |
| 104     | 6.3   | 5.0   | 7.4   |





#75

Fluoranthene

Concen: 45.532 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

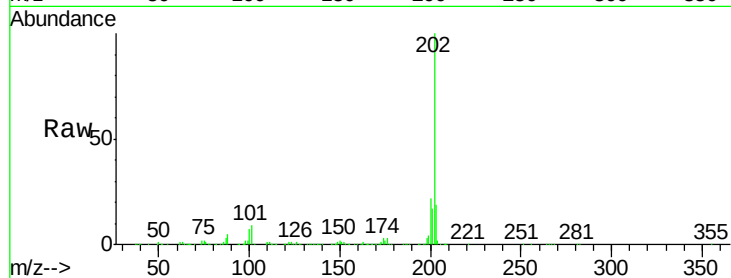
ClientSampled :

PB129209BS

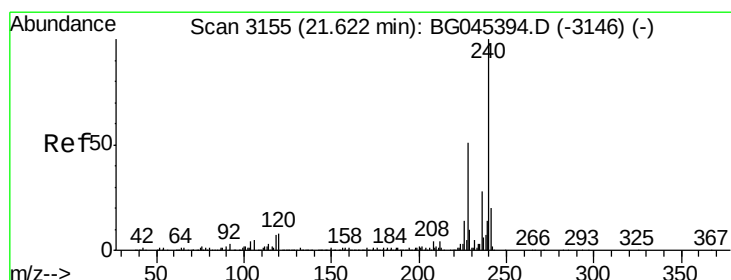
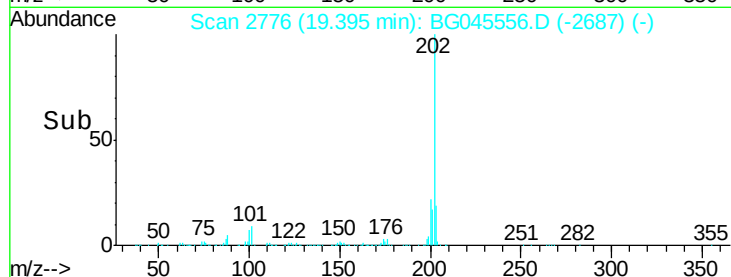
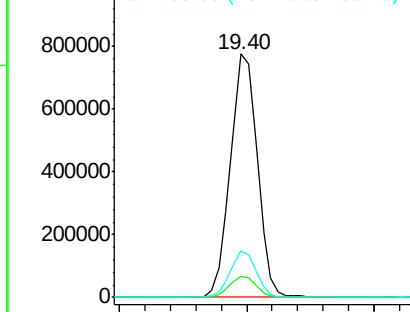
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1140704 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 8.8   | 0.0   | 28.3    |
| 203       | 19.3  | 0.0   | 39.0    |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

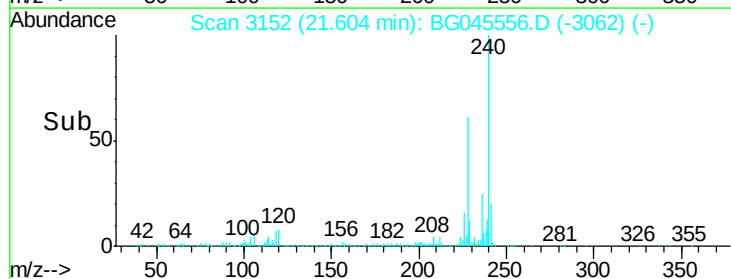
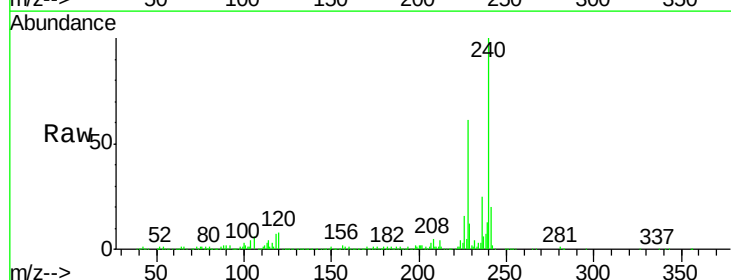
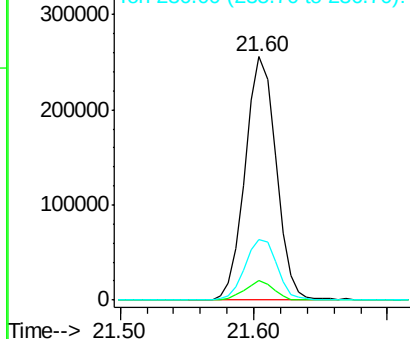
Delta R.T. 0.00 min

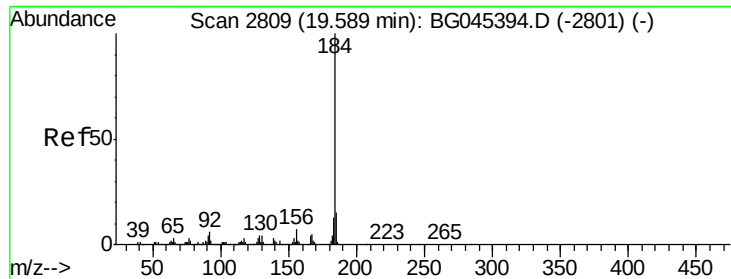
Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 410170 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.2   | 6.1   | 9.1    |
| 236       | 24.9  | 22.3  | 33.5   |

Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.825 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

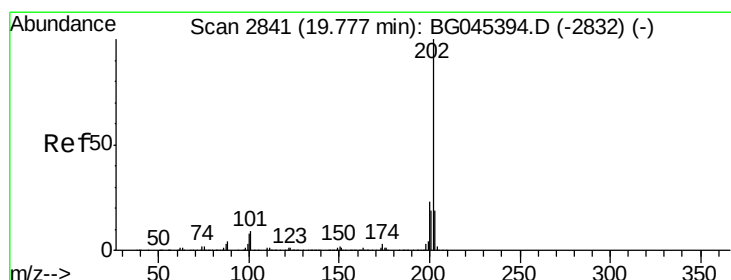
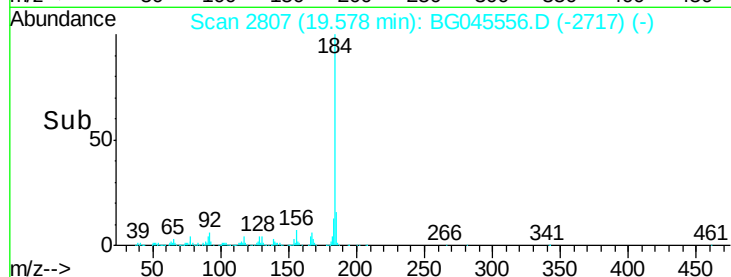
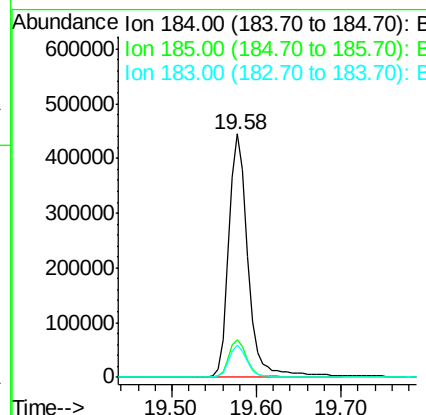
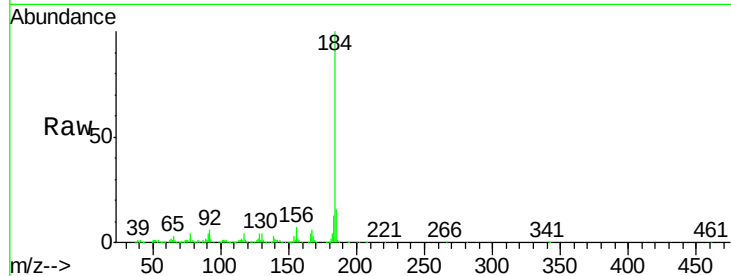
ClientSampleId :

PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.6  | 11.7  | 17.5  |
| 183     | 13.5  | 10.2  | 15.4  |

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#78

Pyrene

Concen: 47.740 ng

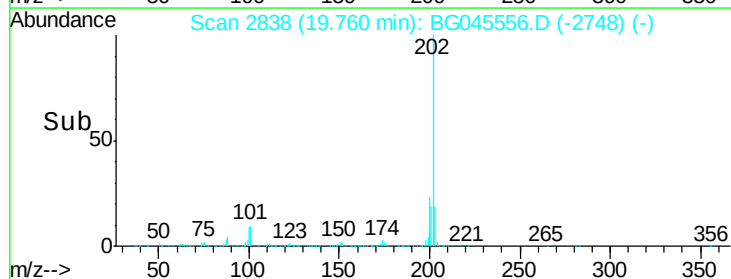
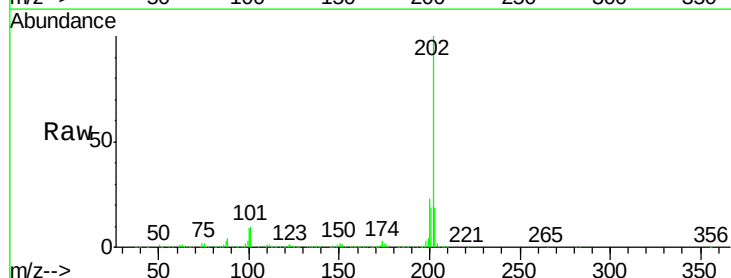
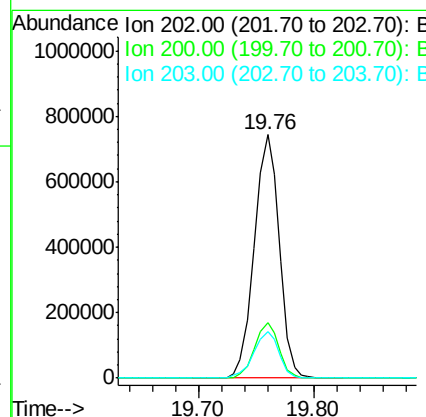
RT: 19.76 min Scan# 2838

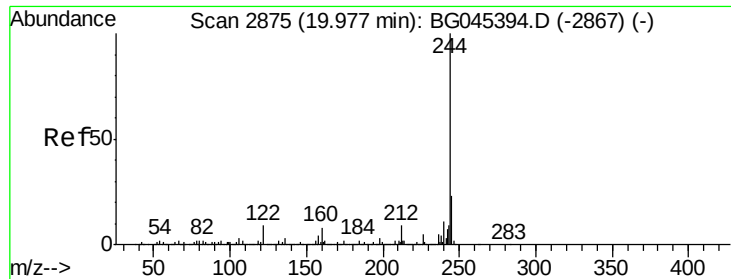
Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.9  | 18.2  | 27.2  |
| 203     | 19.3  | 15.1  | 22.7  |





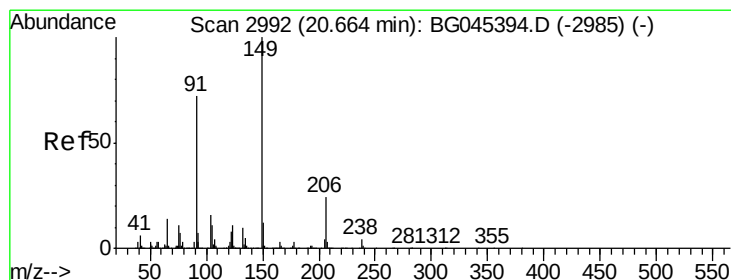
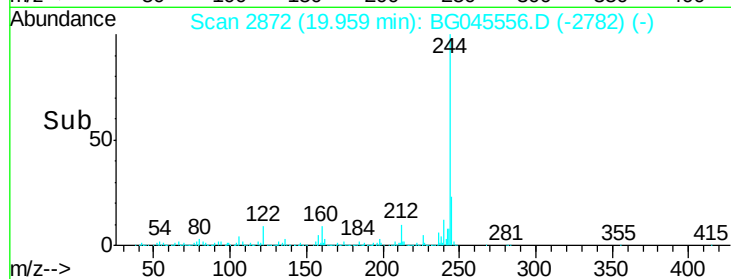
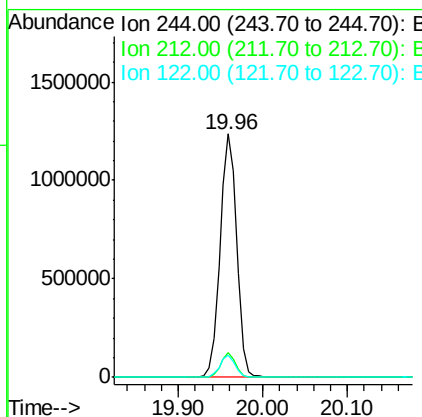
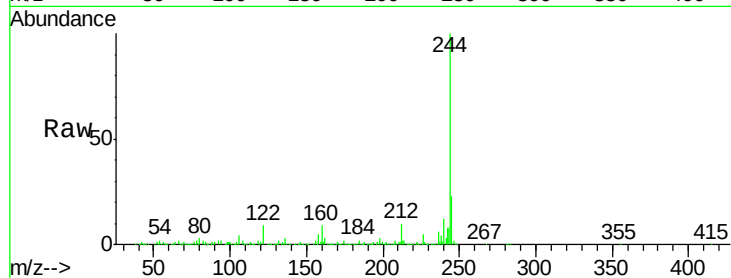
#79  
 Terphenyl-d14  
 Concen: 96.739 ng  
 RT: 19.96 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: BG045556.D  
 Acq: 1 Jun 2020 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 10.0  | 7.4   | 11.0  |
| 122     | 9.2   | 6.8   | 10.2  |

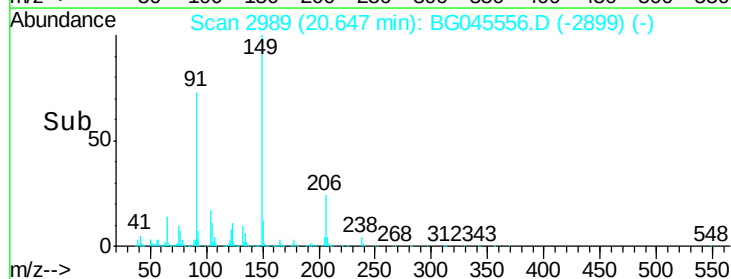
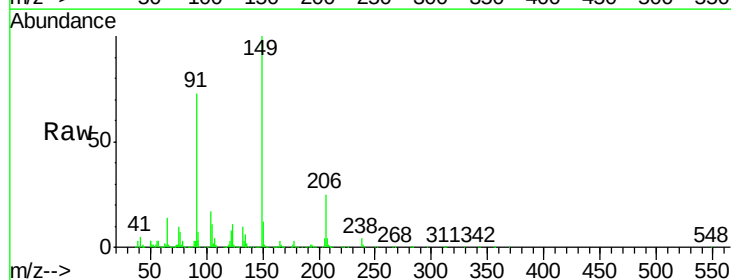
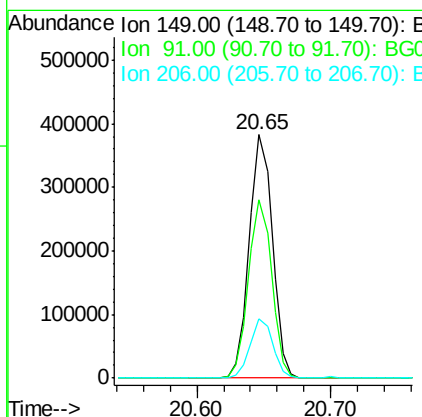
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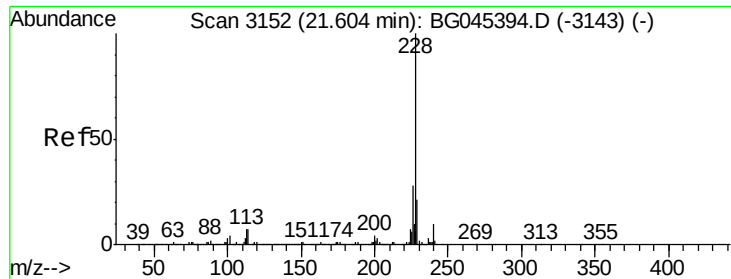
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#80  
 Butylbenzylphthalate  
 Concen: 45.254 ng  
 RT: 20.65 min Scan# 2989  
 Delta R.T. 0.00 min  
 Lab File: BG045556.D  
 Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 73.3  | 57.8  | 86.6  |
| 206     | 24.5  | 19.1  | 28.7  |





#81

Benzo(a)anthracene

Concen: 47.964 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

ClientSampleId :

PB129209BS

Tot Ion:228 Resp: 1095950

Ion Ratio Lower Upper

228 100

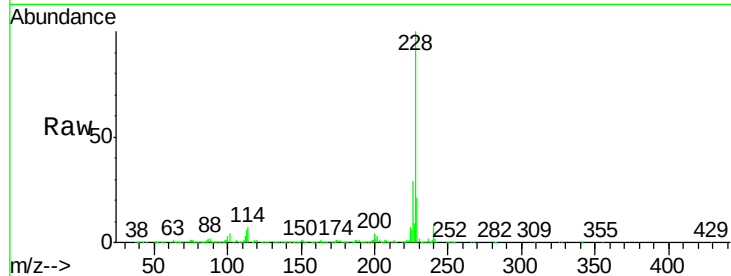
226 28.9 22.7 34.1

229 20.8 16.7 25.1

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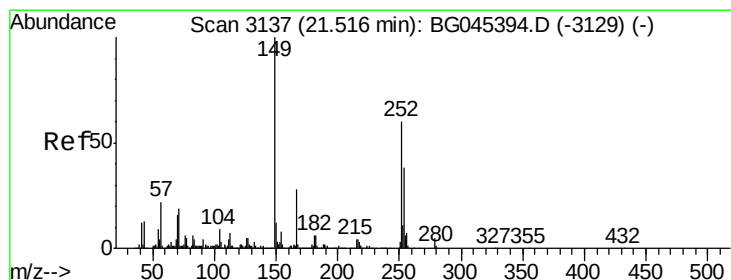
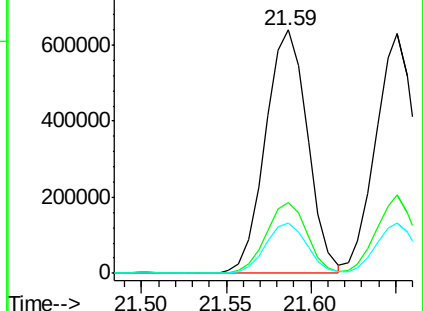
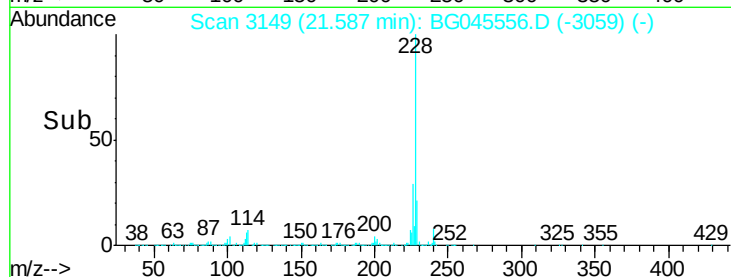
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.785 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

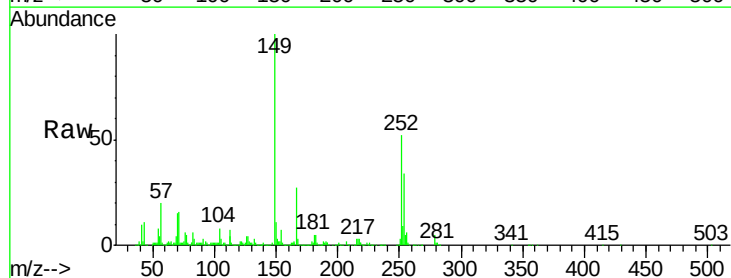
Tgt Ion:252 Resp: 365551

Ion Ratio Lower Upper

252 100

254 66.2 51.3 76.9

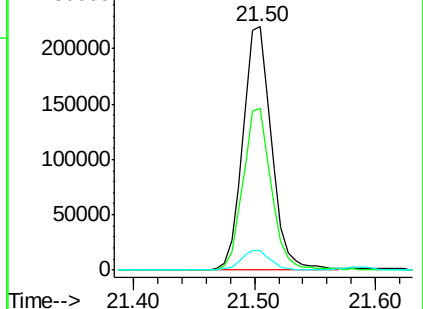
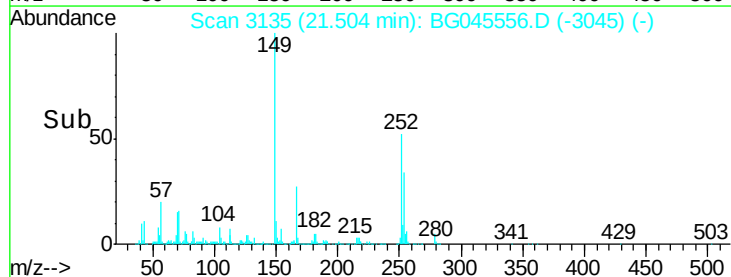
126 8.3 6.6 10.0

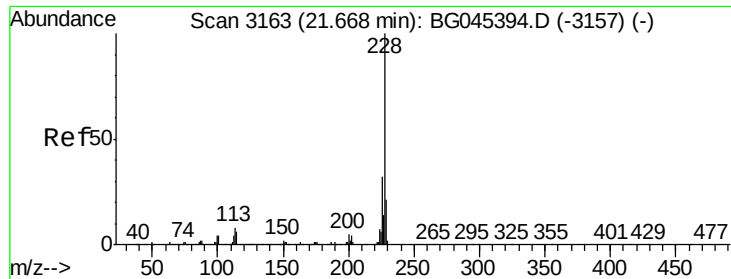


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.575 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

ClientSampleId :

PB129209BS

Tot Ion:228 Resp: 1045253

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 33.1  | 25.2  | 37.8  |
| 229 | 21.2  | 16.7  | 25.1  |

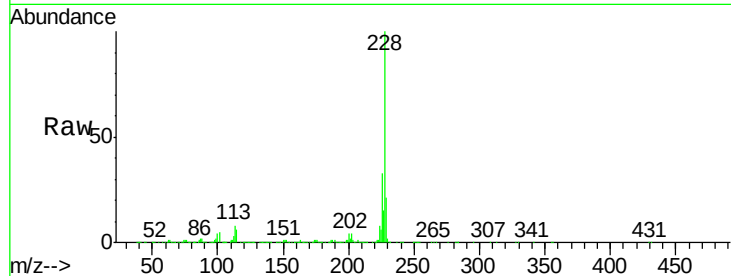
228 100

226 33.1 25.2 37.8

229 21.2 16.7 25.1

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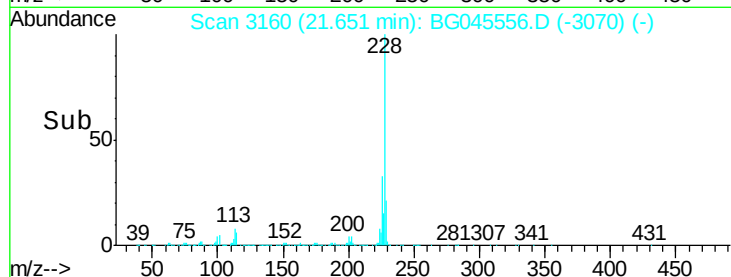
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

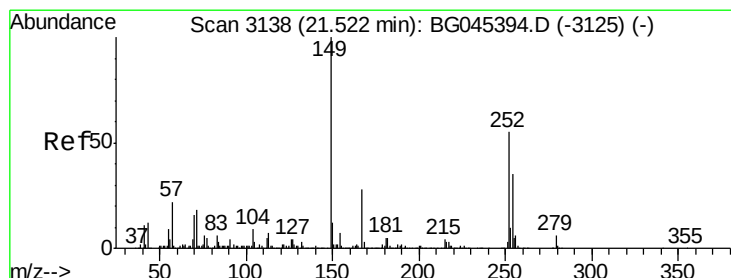
Ion 229.00 (228.70 to 229.70): E

21.65

21.60 21.70 21.80



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.698 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

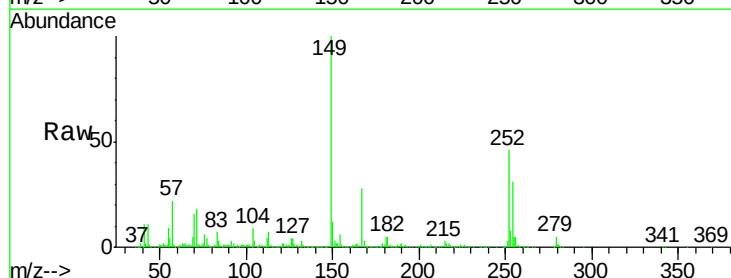
Tgt Ion:149 Resp: 647841

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.7  | 22.2  | 33.2  |
| 279 | 5.3   | 4.7   | 7.1   |

149 100

167 27.7 22.2 33.2

279 5.3 4.7 7.1



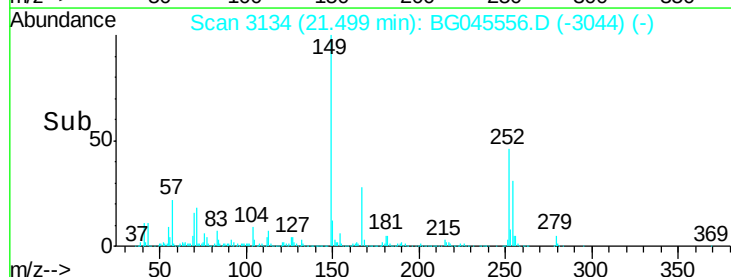
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

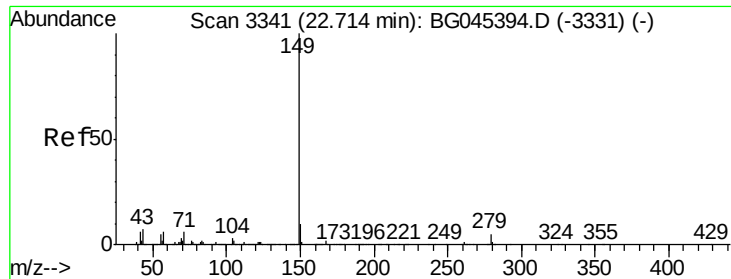
Ion 279.00 (278.70 to 279.70): E

21.50

21.40 21.45 21.55



Time-->



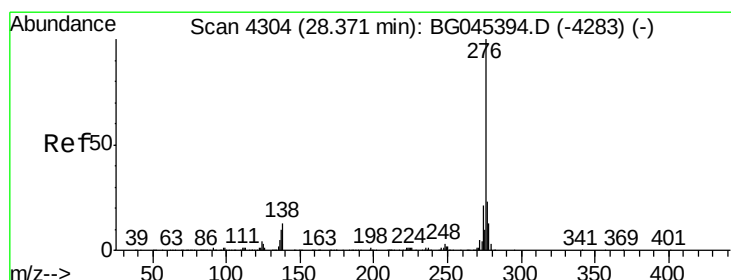
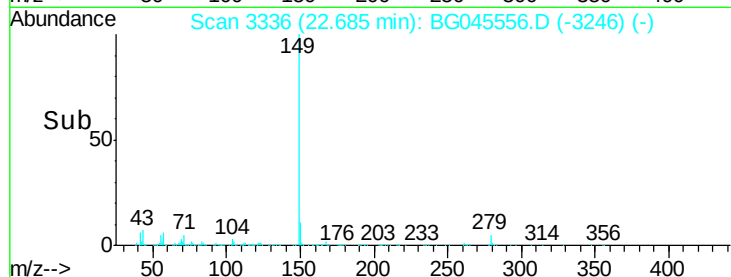
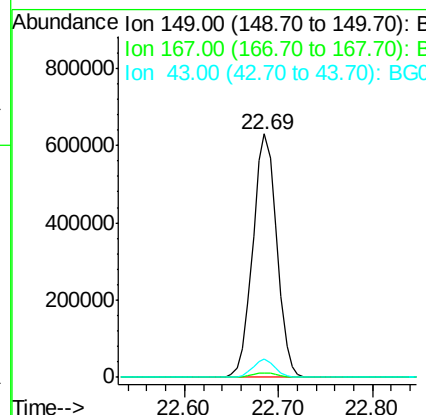
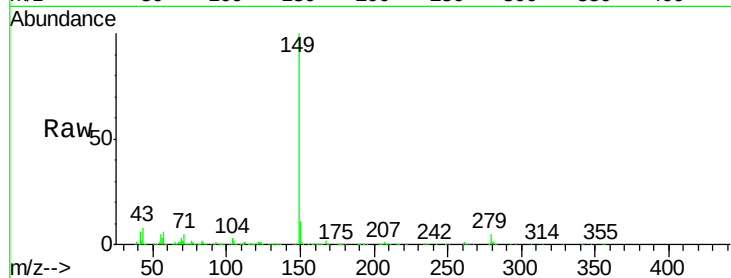
#85  
Di-n-octyl phthalate  
Concen: 46.495 ng  
RT: 22.69 min Scan# 3336  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.4   | 2.0   |
| 43      | 7.1   | 5.8   | 8.8   |

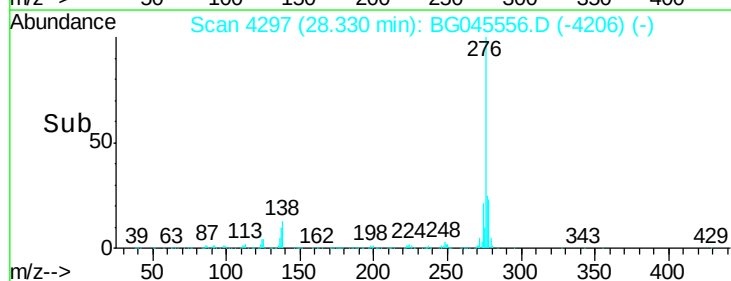
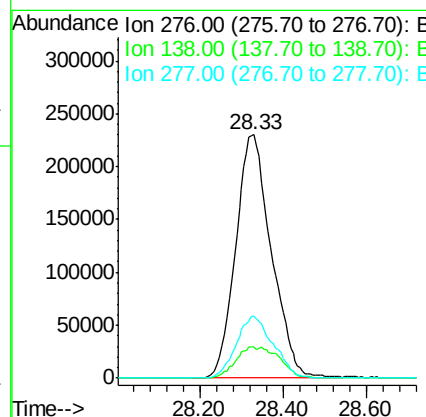
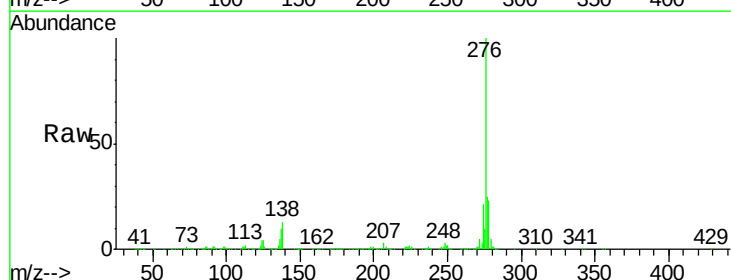
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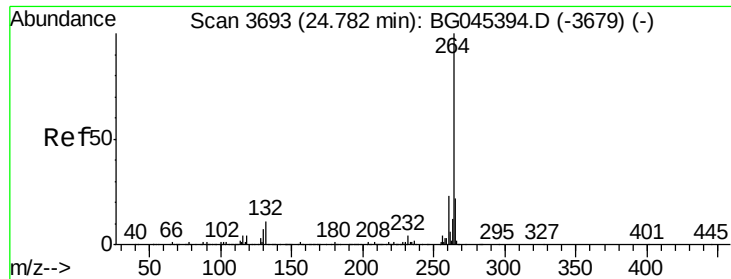
mohammad  
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 47.641 ng  
RT: 28.33 min Scan# 4297  
Delta R.T. 0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 7.6   | 8.6   | 12.8# |
| 277     | 26.3  | 20.2  | 30.4  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

Instrument :

BNA\_G

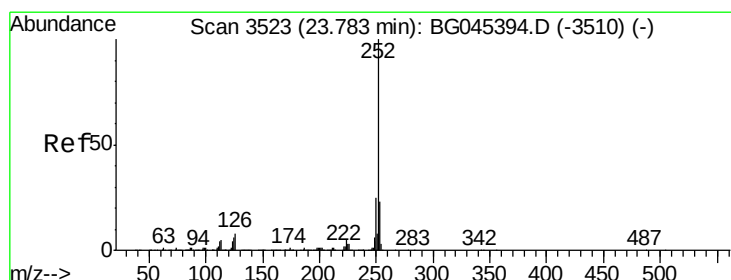
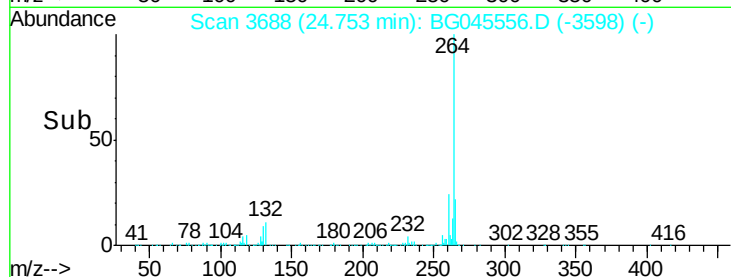
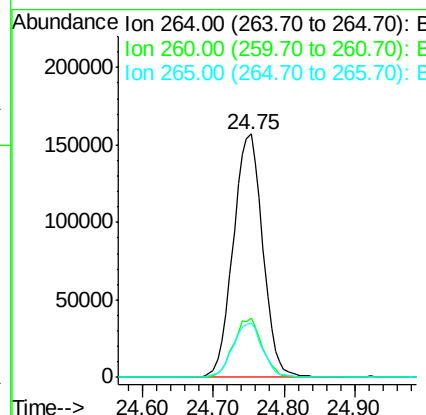
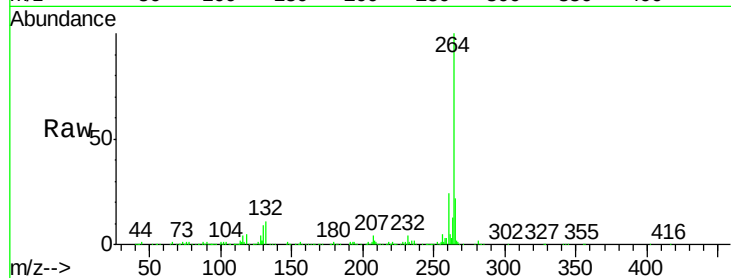
ClientSampleId :

PB129209BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 457105 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.1  | 18.2  | 27.4   |
| 265       | 22.2  | 17.6  | 26.4   |

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#88

Benzo(b)fluoranthene

Concen: 47.521 ng

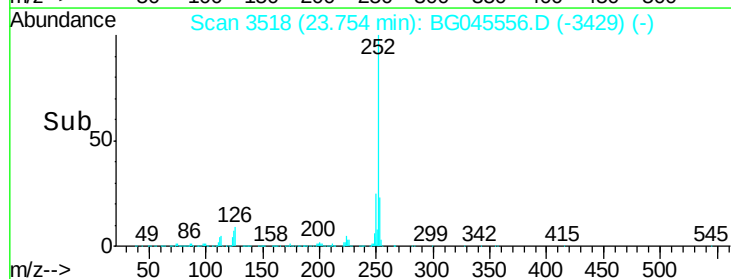
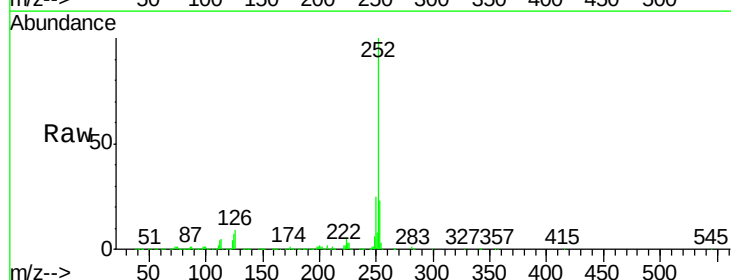
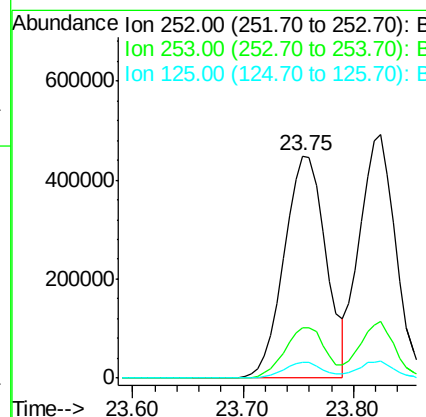
RT: 23.75 min Scan# 3518

Delta R.T. -0.01 min

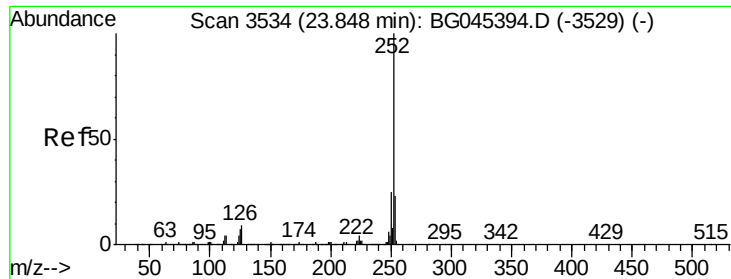
Lab File: BG045556.D

Acq: 1 Jun 2020 15:15

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1164971 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 22.7  | 18.1  | 27.1    |
| 125       | 7.2   | 5.0   | 7.6     |







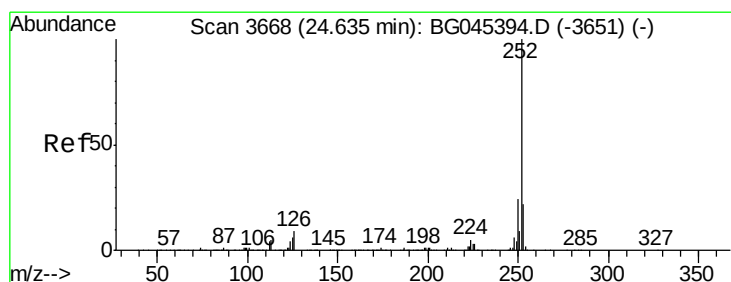
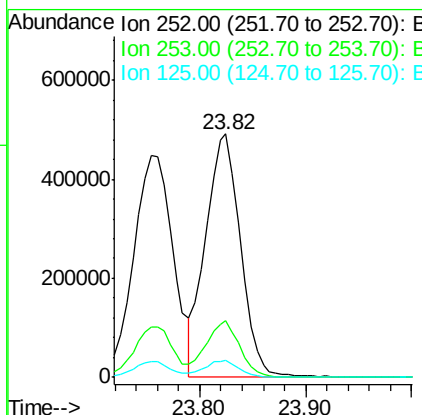
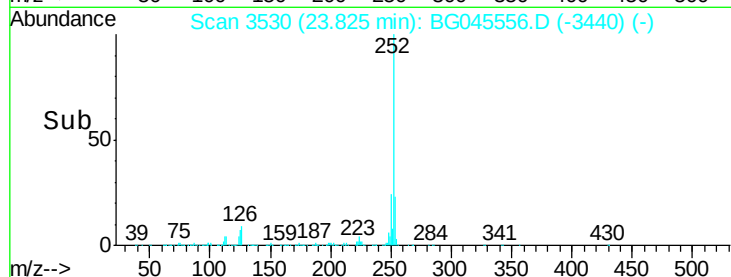
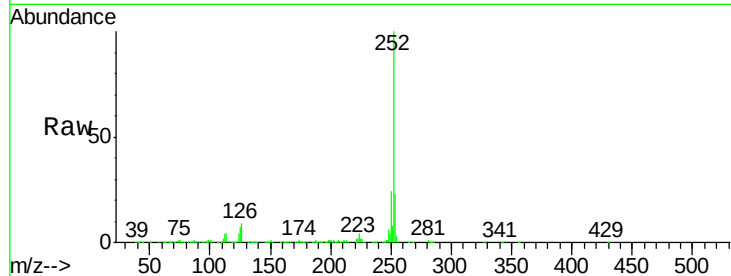
#89  
Benzo(k)fluoranthene  
Concen: 48.718 ng  
RT: 23.82 min Scan# 3530  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 18.4  | 27.6  |
| 125     | 6.8   | 5.7   | 8.5   |

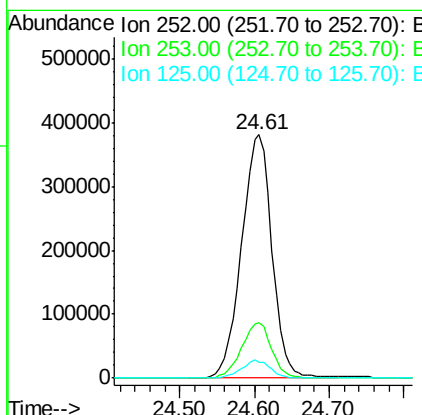
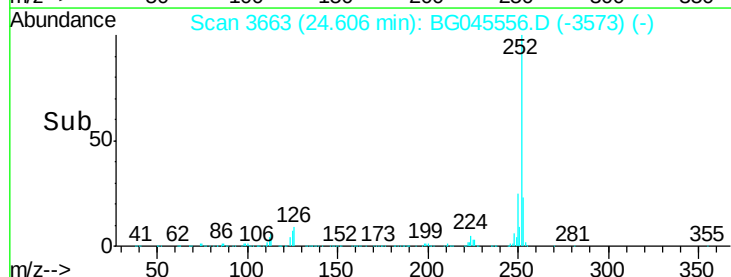
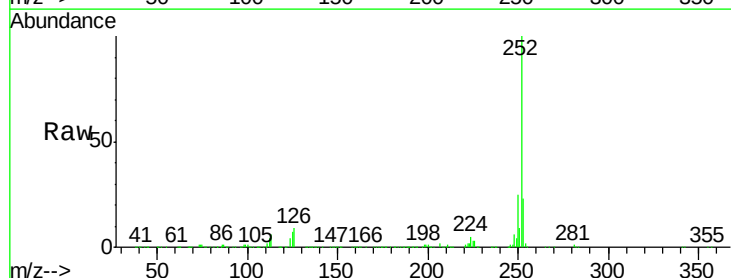
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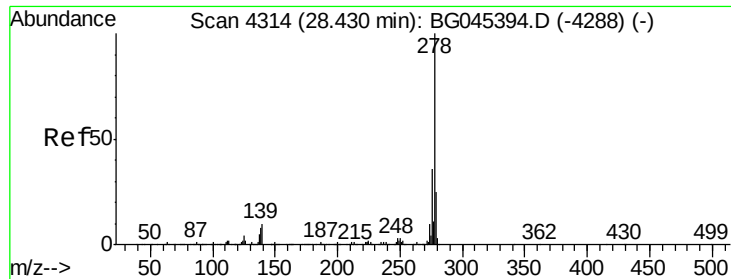
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#90  
Benzo(a)pyrene  
Concen: 47.245 ng  
RT: 24.61 min Scan# 3663  
Delta R.T. 0.00 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.2  | 25.8  |
| 125     | 6.6   | 5.0   | 7.6   |





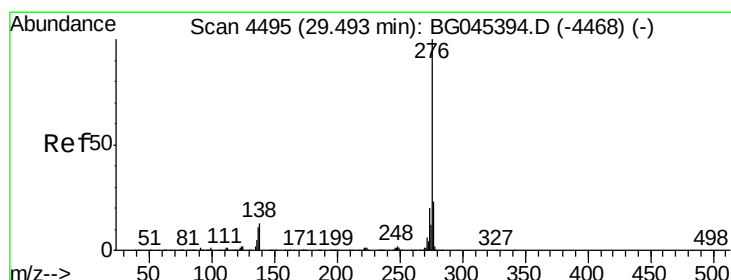
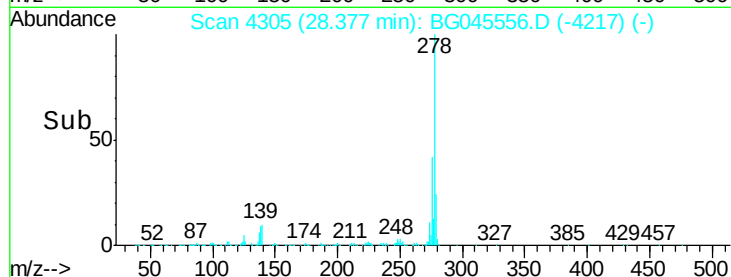
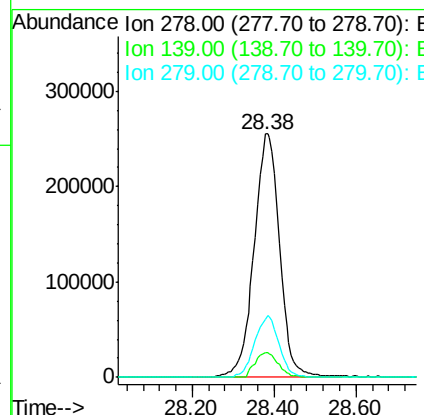
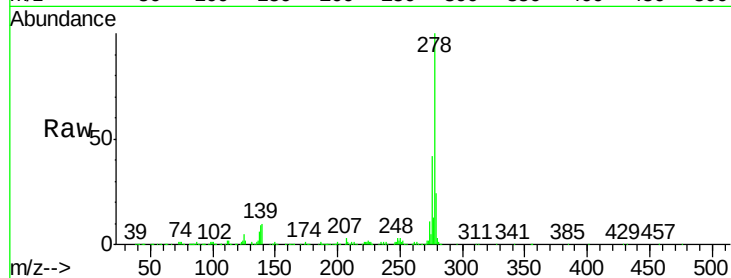
#91  
Dibenzo(a,h)anthracene  
Concen: 48.426 ng  
RT: 28.38 min Scan# 4305  
Delta R.T. -0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB129209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 10.2  | 7.8   | 11.8  |
| 279     | 24.1  | 19.8  | 29.8  |

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#92  
Benzo(g,h,i)perylene  
Concen: 49.112 ng  
RT: 29.45 min Scan# 4487  
Delta R.T. 0.01 min  
Lab File: BG045556.D  
Acq: 1 Jun 2020 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.3  | 18.1  | 27.1  |
| 138     | 12.7  | 10.2  | 15.4  |

