

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\  
 Data File : BG045335.D  
 Acq On : 12 May 2020 19:06  
 Operator : CG/JU  
 Sample : PB128809BSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128809BSD

Manual Integrations  
 APPROVED

mohammad  
 5/14/2020 8:37:15 AM

Quant Time: May 13 01:14:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 12 15:48:20 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.98  | 152  | 62680    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.78 | 136  | 240072   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.62 | 164  | 178960   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.37 | 188  | 437292   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.63 | 240  | 400367   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.79 | 264  | 438424   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.54  | 112 | 392149  | 103.29 | ng | 0.00 |
| 7) Phenol-d6                | 7.14  | 99  | 547168  | 97.00  | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.13  | 82  | 352076  | 66.92  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.11 | 330 | 281275  | 101.74 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.24 | 172 | 817520  | 66.98  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.98 | 244 | 1484144 | 80.80  | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.42  | 88  | 46024  | 27.277 | ng | # 97 |
| 3) Pyridine                    | 3.82  | 79  | 108037 | 20.796 | ng | 97   |
| 4) n-Nitrosodimethylamine      | 3.73  | 42  | 50585  | 31.785 | ng | 91   |
| 6) Aniline                     | 7.29  | 93  | 158243 | 21.576 | ng | 98   |
| 8) 2-Chlorophenol              | 7.54  | 128 | 139149 | 34.102 | ng | 100  |
| 9) Benzaldehyde                | 7.10  | 77  | 107904 | 31.817 | ng | 91   |
| 10) Phenol                     | 7.17  | 94  | 184846 | 32.747 | ng | 97   |
| 11) bis(2-Chloroethyl)ether    | 7.39  | 93  | 129684 | 28.856 | ng | 95   |
| 12) 1,3-Dichlorobenzene        | 7.86  | 146 | 148281 | 30.840 | ng | 96   |
| 13) 1,4-Dichlorobenzene        | 8.01  | 146 | 151916 | 31.709 | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 8.33  | 146 | 139931 | 30.529 | ng | 96   |
| 15) Benzyl Alcohol             | 8.21  | 79  | 142294 | 30.087 | ng | 96   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.50  | 45  | 120882 | 27.401 | ng | 94   |
| 17) 2-Methylphenol             | 8.42  | 107 | 128868 | 29.590 | ng | 96   |
| 18) Hexachloroethane           | 9.06  | 117 | 56597  | 31.424 | ng | 98   |
| 19) n-Nitroso-di-n-propylamine | 8.78  | 70  | 115766 | 29.020 | ng | 96   |
| 20) 3+4-Methylphenols          | 8.75  | 107 | 177420 | 29.105 | ng | 97   |
| 22) Acetophenone               | 8.79  | 105 | 214924 | 33.105 | ng | 96   |
| 24) Nitrobenzene               | 9.17  | 77  | 175706 | 32.579 | ng | 95   |
| 25) Isophorone                 | 9.70  | 82  | 329933 | 30.621 | ng | 98   |
| 26) 2-Nitrophenol              | 9.89  | 139 | 81220  | 34.962 | ng | 96   |
| 27) 2,4-Dimethylphenol         | 9.96  | 122 | 131485 | 35.671 | ng | 90   |
| 28) bis(2-Chloroethoxy)methane | 10.18 | 93  | 179551 | 31.716 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.43 | 162 | 143775 | 33.780 | ng | 99   |
| 30) 1,2,4-Trichlorobenzene     | 10.65 | 180 | 157259 | 32.633 | ng | 99   |
| 31) Naphthalene                | 10.83 | 128 | 427354 | 32.540 | ng | 98   |
| 32) Benzoic acid               | 10.09 | 122 | 70794  | 26.991 | ng | 94   |
| 33) 4-Chloroaniline            | 10.94 | 127 | 90916  | 14.844 | ng | 96   |
| 34) Hexachlorobutadiene        | 11.12 | 225 | 105200 | 31.840 | ng | 99   |
| 35) Caprolactam                | 11.69 | 113 | 55379m | 32.692 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 12.07 | 107 | 170759 | 34.152 | ng | 99   |
| 37) 2-Methylnaphthalene        | 12.44 | 142 | 332320 | 32.601 | ng | 97   |
| 38) 1-Methylnaphthalene        | 12.66 | 142 | 314197 | 32.650 | ng | 95   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.82 | 216 | 183005 | 31.760 | ng | 99   |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.80 | 237  | 246579   | 68.468 | nq    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.05 | 196  | 132724   | 32.637 | nq    | 92       |
| 44) 2,4,5-Trichlorophenol      | 13.13 | 196  | 145572   | 31.448 | nq    | 93       |
| 46) 1,1'-Biphenyl              | 13.45 | 154  | 433918   | 31.901 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.49 | 162  | 330337   | 31.783 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.69 | 65   | 113021   | 33.051 | nq    | 91       |
| 49) Acenaphthylene             | 14.34 | 152  | 560276   | 33.095 | nq    | 98       |
| 50) Dimethylphthalate          | 14.07 | 163  | 473803   | 32.515 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.18 | 165  | 107196   | 32.890 | nq    | 96       |
| 52) Acenaphthene               | 14.68 | 154  | 418545m  | 36.540 | nq    |          |
| 53) 3-Nitroaniline             | 14.51 | 138  | 61946    | 17.329 | nq    | 85       |
| 54) 2,4-Dinitrophenol          | 14.73 | 184  | 129728   | 66.937 | nq    | 92       |
| 55) Dibenzofuran               | 15.02 | 168  | 550304   | 32.953 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.84 | 139  | 178122   | 64.265 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.98 | 165  | 156006   | 32.753 | nq    | 94       |
| 58) Fluorene                   | 15.67 | 166  | 458052   | 33.580 | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 143306   | 34.794 | nq    | 99       |
| 60) Diethylphthalate           | 15.44 | 149  | 494243   | 32.532 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.66 | 204  | 253019   | 32.226 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.68 | 138  | 104514   | 28.189 | nq    | 99       |
| 63) Azobenzene                 | 15.95 | 77   | 464351   | 33.152 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 101166   | 35.196 | nq    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.87 | 169  | 414884   | 33.021 | nq    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.55 | 248  | 174596   | 30.949 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.68 | 284  | 186556   | 31.885 | nq    | 99       |
| 69) Atrazine                   | 16.82 | 200  | 160166   | 33.757 | nq    | 99       |
| 70) Pentachlorophenol          | 17.02 | 266  | 220158   | 61.338 | nq    | 97       |
| 71) Phenanthrene               | 17.41 | 178  | 751540   | 33.444 | nq    | 98       |
| 72) Anthracene                 | 17.50 | 178  | 777935   | 34.512 | nq    | 99       |
| 73) Carbazole                  | 17.77 | 167  | 704874   | 30.815 | nq    | 97       |
| 74) Di-n-butylphthalate        | 18.33 | 149  | 853842   | 32.621 | nq    | 99       |
| 75) Fluoranthene               | 19.42 | 202  | 943120   | 34.231 | nq    | 96       |
| 77) Benzidine                  | 19.60 | 184  | 503360   | 43.164 | nq    | 97       |
| 78) Pyrene                     | 19.78 | 202  | 939455   | 34.036 | nq    | 96       |
| 80) Butylbenzylphthalate       | 20.67 | 149  | 374777   | 32.757 | nq    | 100      |
| 81) Benzo(a)anthracene         | 21.61 | 228  | 886397   | 34.159 | nq    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.52 | 252  | 205894   | 19.935 | nq    | 97       |
| 83) Chrysene                   | 21.67 | 228  | 843769   | 33.842 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 528631   | 33.595 | nq    | 97       |
| 85) Di-n-octyl phthalate       | 22.72 | 149  | 898690   | 33.027 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.38 | 276  | 1082688  | 32.707 | nq    | # 97     |
| 88) Benzo(b)fluoranthene       | 23.79 | 252  | 922724   | 33.599 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.86 | 252  | 902010   | 34.537 | nq    | 96       |
| 90) Benzo(a)pyrene             | 24.65 | 252  | 856414   | 33.029 | nq    | # 96     |
| 91) Dibenzo(a,h)anthracene     | 28.44 | 278  | 890008   | 34.064 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.50 | 276  | 895765   | 34.197 | nq    | 96       |

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





#1

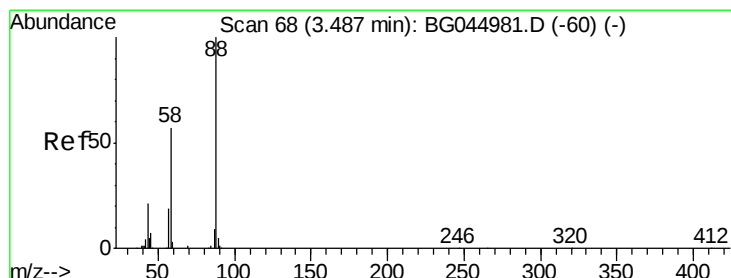
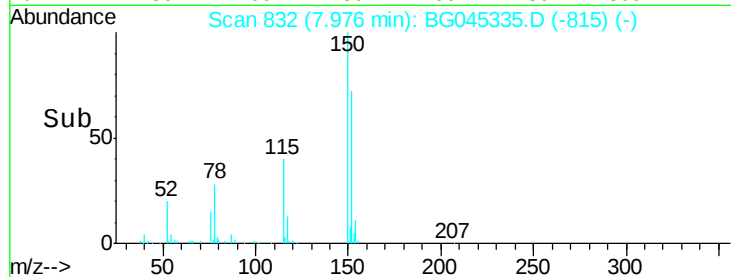
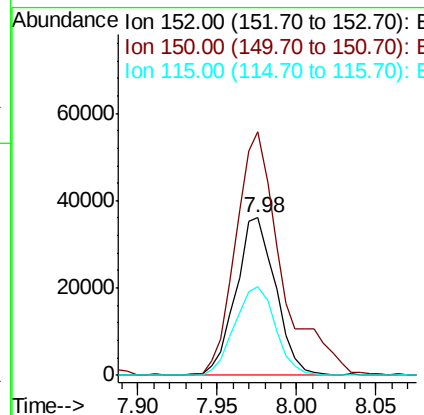
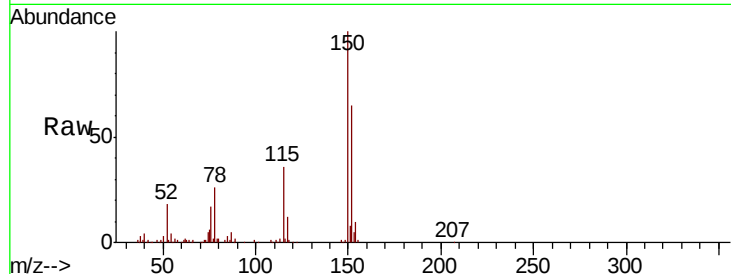
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.98 min Scan# 832  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.3 | 123.6 | 185.4 |
| 115     | 56.1  | 49.1  | 73.7  |

Manual Integrations  
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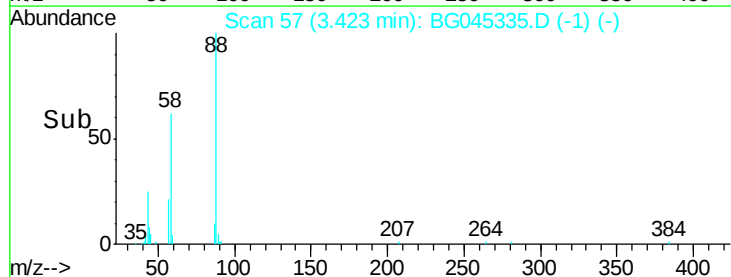
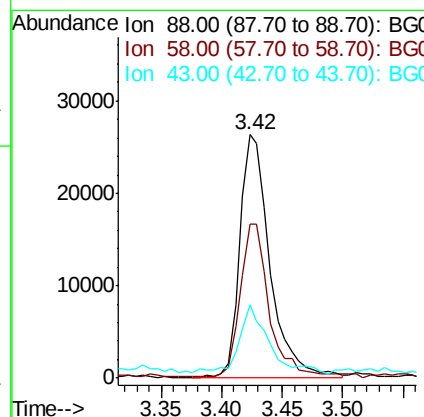
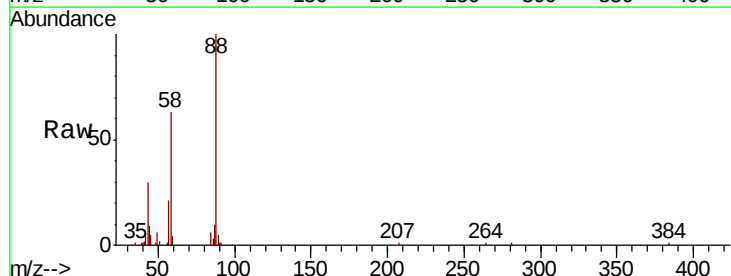
mohammad  
5/14/2020 8:37:15 AM

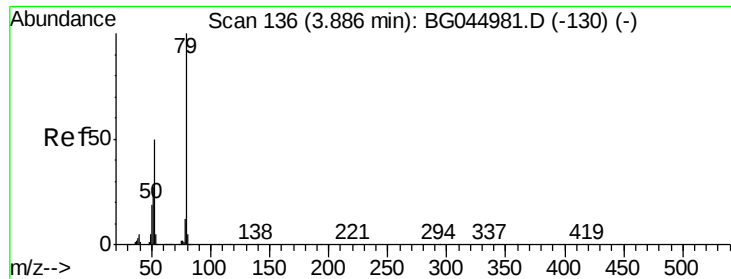


#2

1,4-Dioxane  
Concen: 27.277 ng  
RT: 3.42 min Scan# 57  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 58.3  | 46.6  | 69.8  |
| 43      | 27.3  | 17.5  | 26.3  |





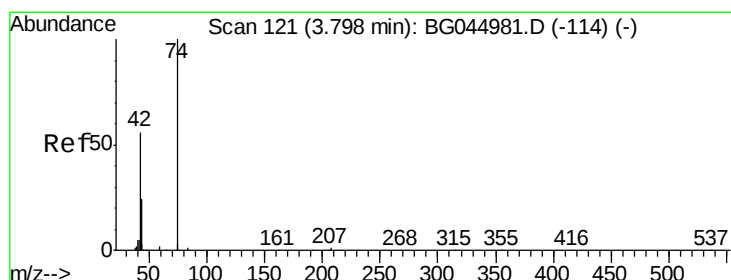
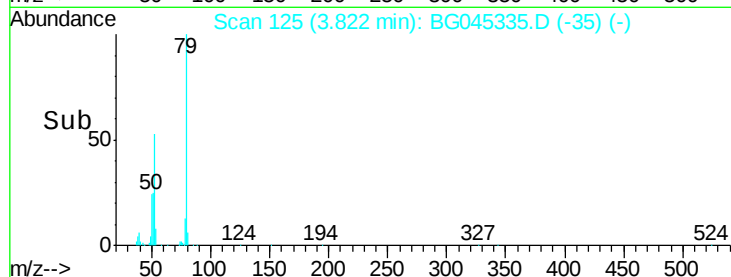
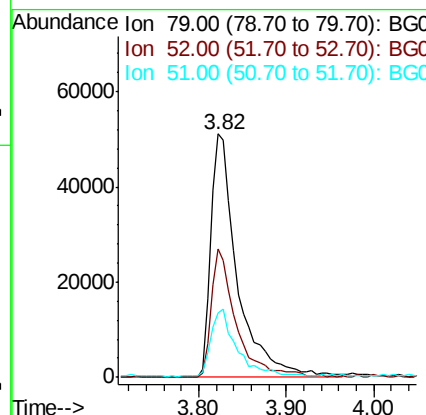
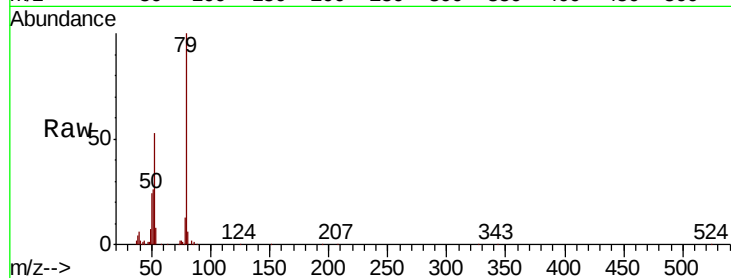
#3  
 Pvridine  
 Concen: 20.796 ng  
 RT: 3.82 min Scan# 125  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128809BSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 79      | 100  |       |       |       |
| 52      | 52.7 | 39.8  | 59.6  |       |
| 51      | 26.5 | 21.4  | 32.2  |       |

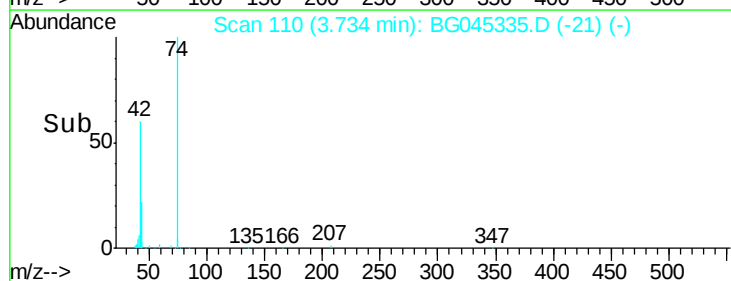
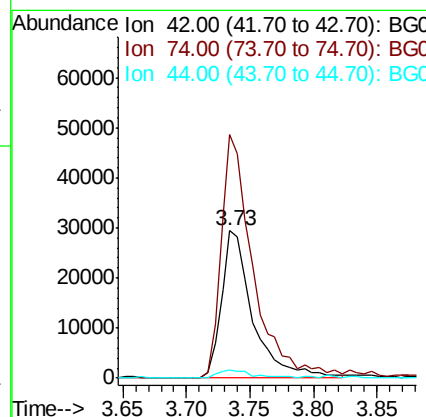
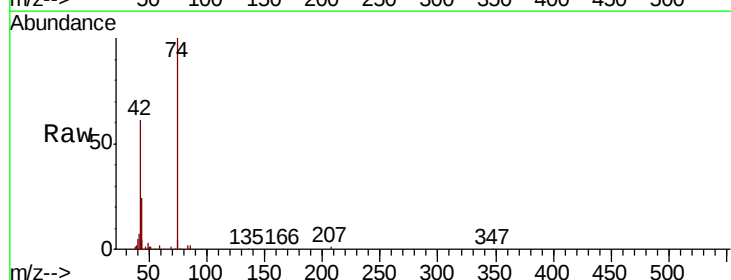
Manual Integrations  
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#4  
 n-Nitrosodimethylamine  
 Concen: 31.785 ng  
 RT: 3.73 min Scan# 110  
 Delta R.T. -0.01 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 42      | 100   |       |       |       |
| 74      | 165.3 | 143.0 | 214.6 |       |
| 44      | 5.8   | 4.6   | 6.8   |       |





#5

2-Fluorophenol

Concen: 103.289 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

Instrument :

BNA\_G

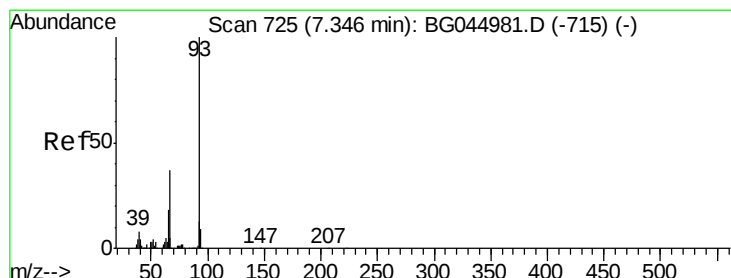
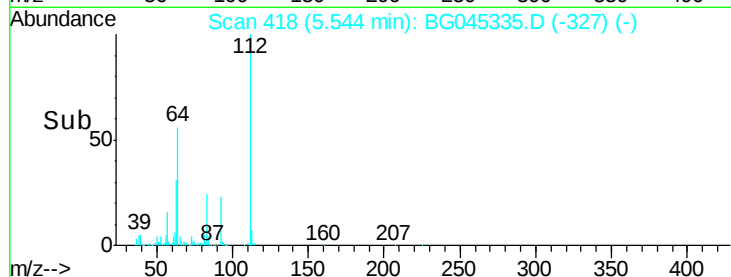
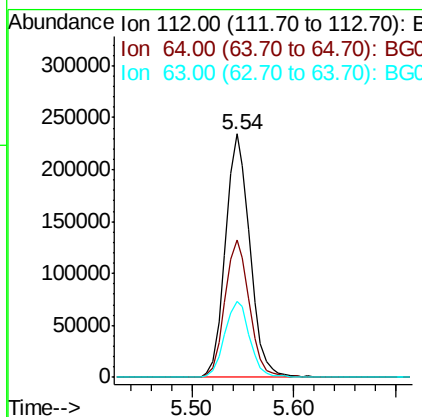
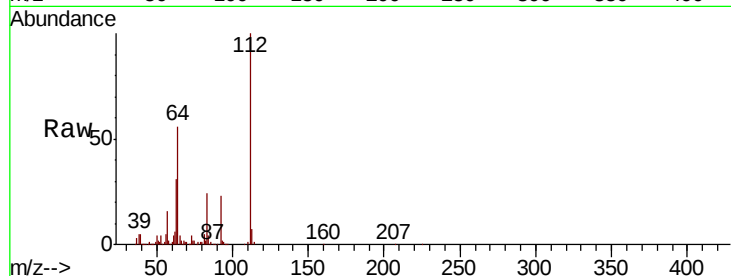
ClientSampleId :

PB128809BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 392149 |       |       |
| 64      | 56.3 | 42.4  | 63.6   |       |       |
| 63      | 31.3 | 23.1  | 34.7   |       |       |

Manual Integrations  
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#6

Aniline

Concen: 21.576 ng

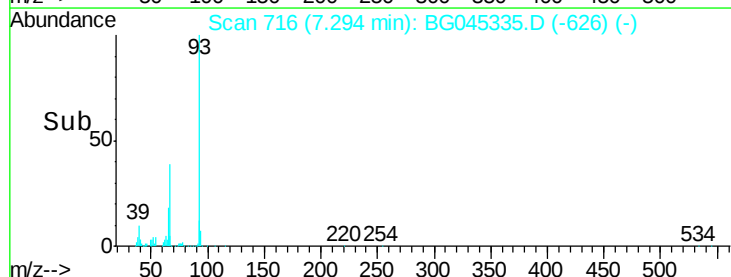
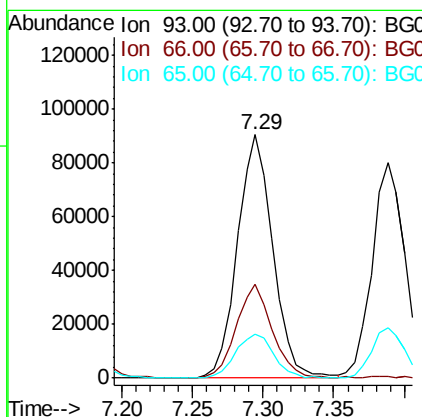
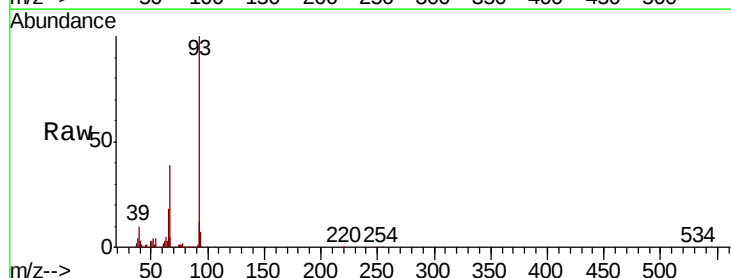
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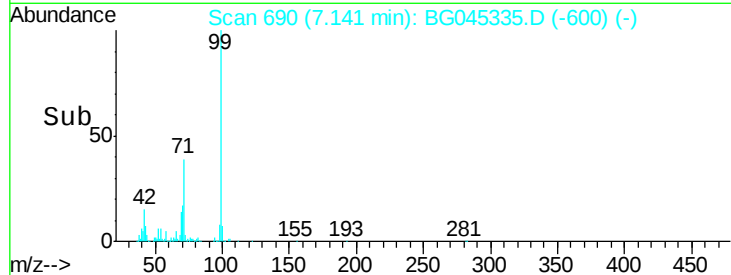
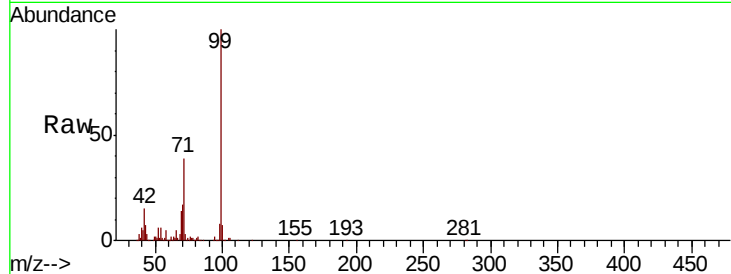
Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 158243 |       |       |
| 66      | 38.6 | 29.8  | 44.8   |       |       |
| 65      | 18.1 | 14.6  | 22.0   |       |       |





#7

Phenol-d6

Concen: 97.002 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 547168 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.5  | 11.3  | 16.9   |
| 71        | 38.7  | 28.3  | 42.5   |

Instrument :

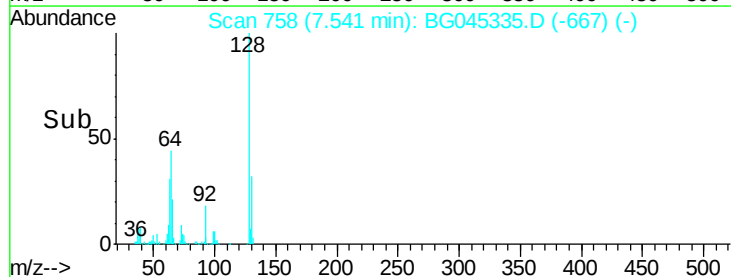
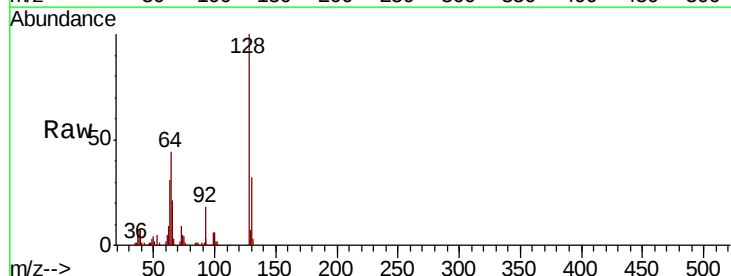
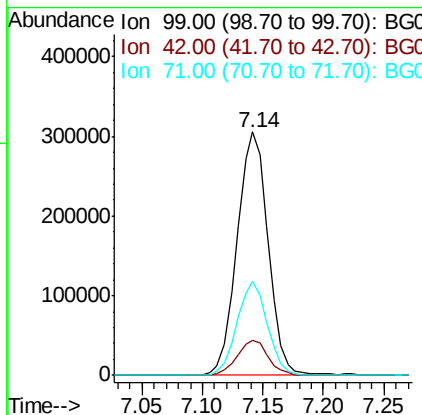
BNA\_G

ClientSampleId :

PB128809BSD

Manual Integrations  
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#8

2-Chlorophenol

Concen: 34.102 ng

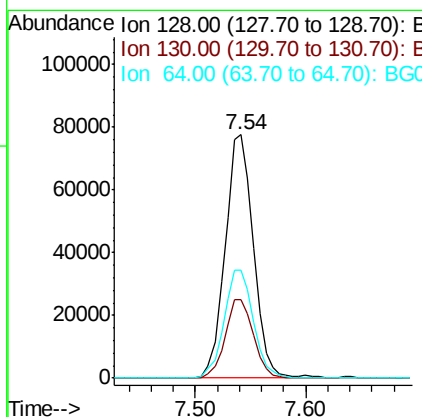
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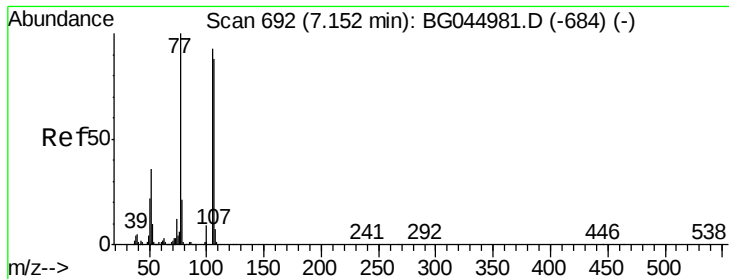
Delta R.T. 0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 139149 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.4  | 12.3  | 52.3   |
| 64        | 44.4  | 24.4  | 64.4   |





#9

Benzaldehyde

Concen: 31.817 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

Instrument :

BNA\_G

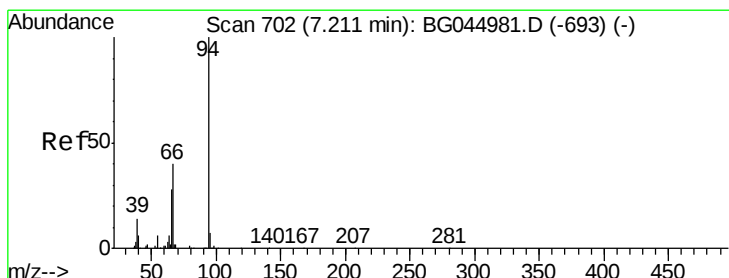
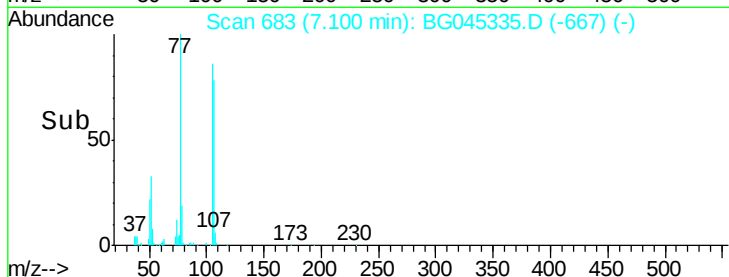
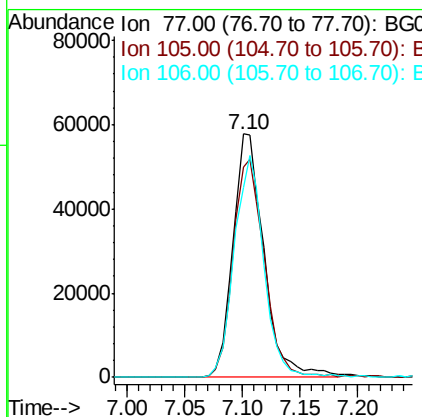
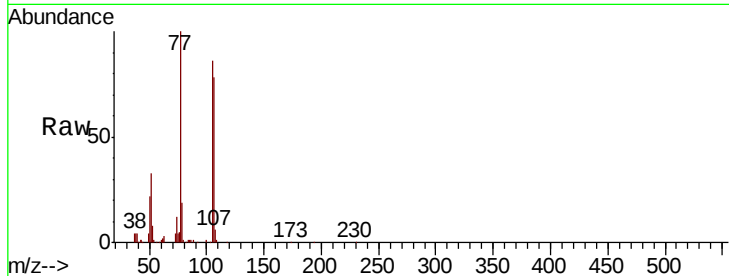
ClientSampleId :

PB128809BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 107904 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 86.4  | 72.9  | 112.9  |
| 106      | 77.9  | 67.6  | 107.6  |

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#10

Phenol

Concen: 32.747 ng

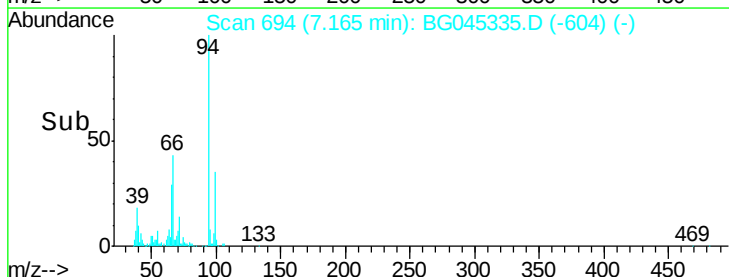
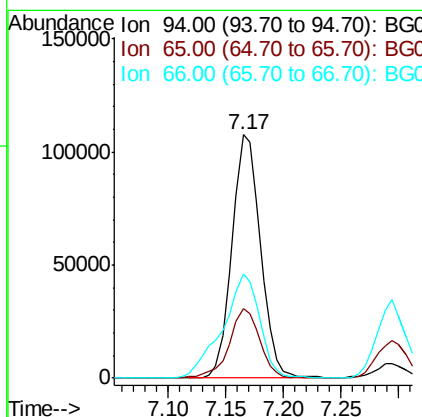
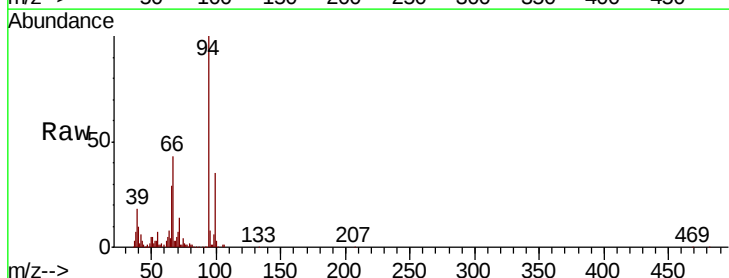
RT: 7.17 min Scan# 694

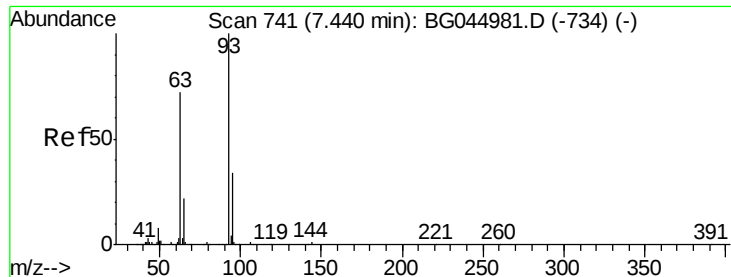
Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 184846 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 28.7  | 8.2   | 48.2   |
| 66       | 42.7  | 20.4  | 60.4   |





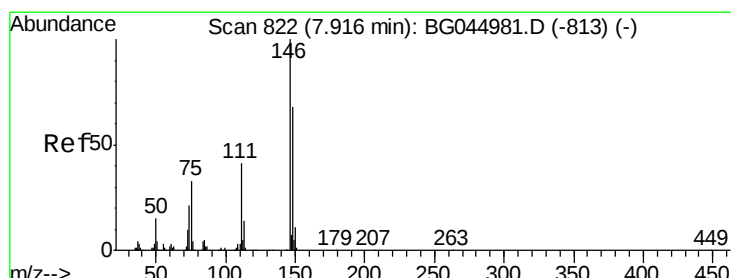
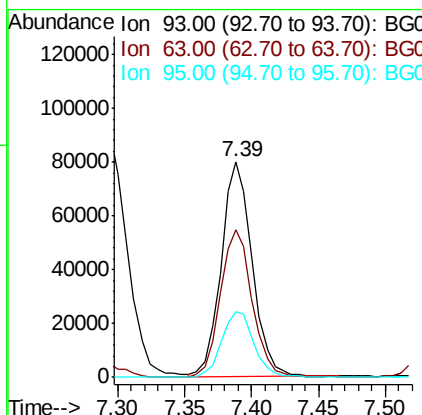
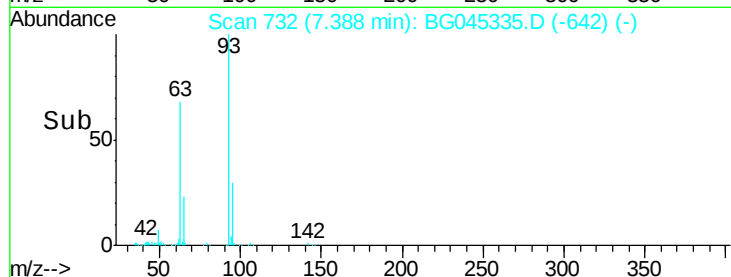
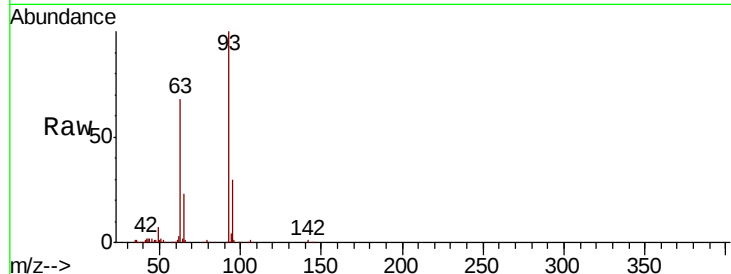
#11  
bis(2-Chloroethyl)ether  
Concen: 28.856 ng  
RT: 7.39 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | 93    | Resp  | 129684 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 93      | 100   |       |        |
| 63      | 68.2  | 51.8  | 91.8   |
| 95      | 30.2  | 13.8  | 53.8   |

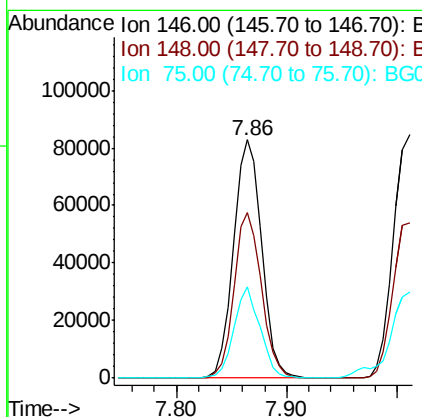
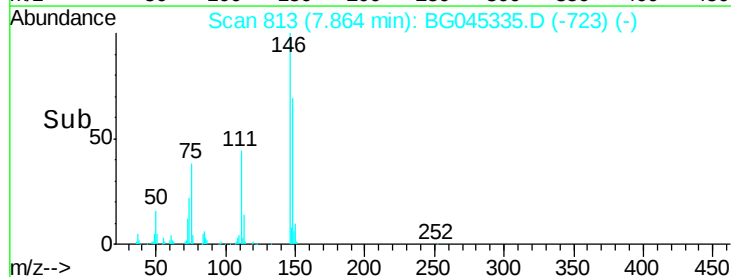
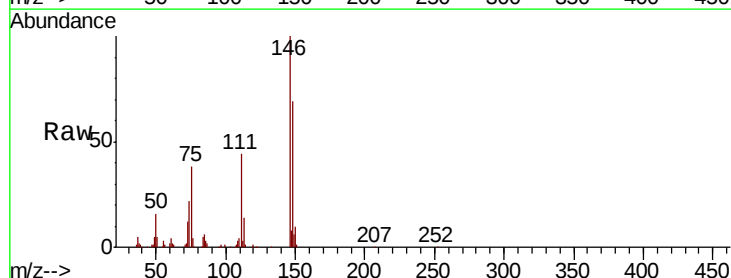
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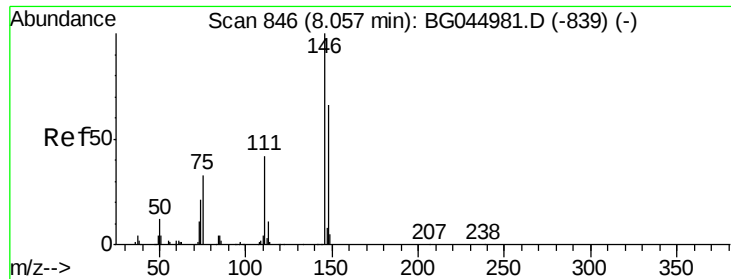
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#12  
1,3-Dichlorobenzene  
Concen: 30.840 ng  
RT: 7.86 min Scan# 813  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | 146   | Resp  | 148281 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 146     | 100   |       |        |
| 148     | 69.3  | 54.6  | 81.8   |
| 75      | 38.1  | 26.0  | 39.0   |





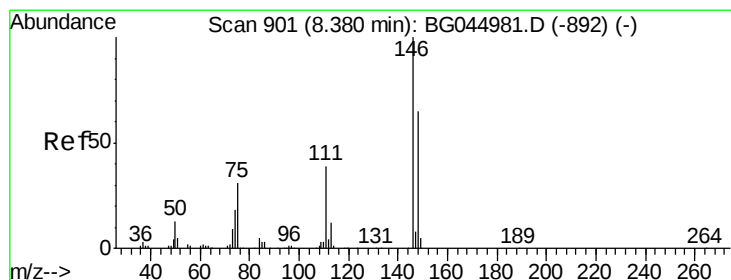
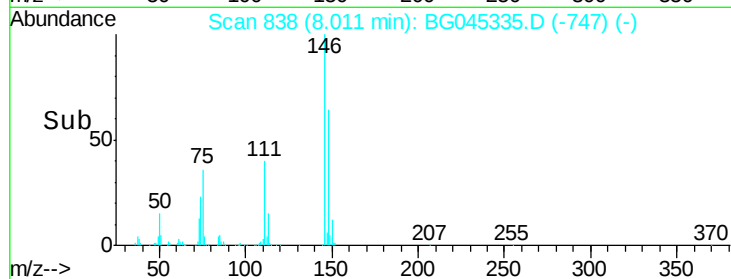
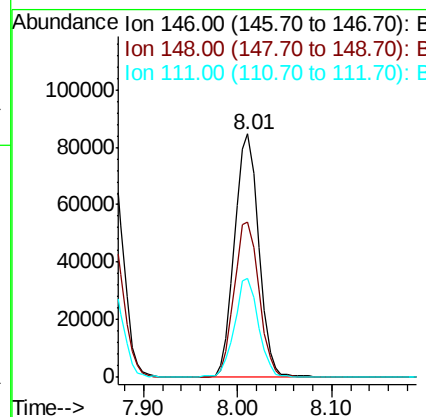
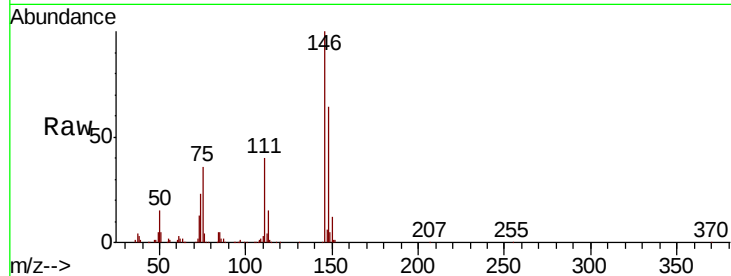
#13  
 1,4-Dichlorobenzene  
 Concen: 31.709 ng  
 RT: 8.01 min Scan# 838  
 Delta R.T. 0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 53.3  | 79.9  |
| 111     | 40.5  | 33.8  | 50.8  |

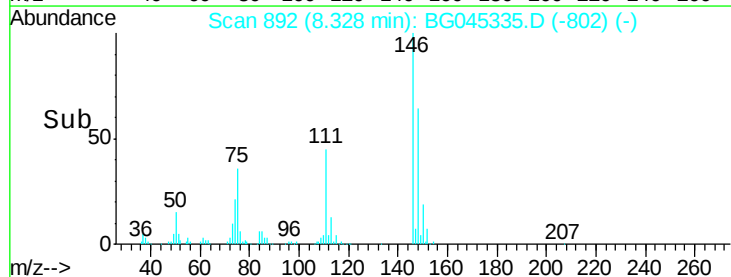
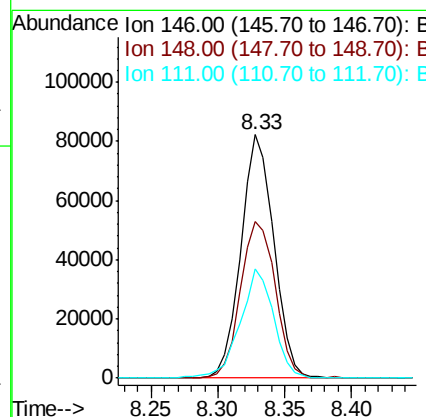
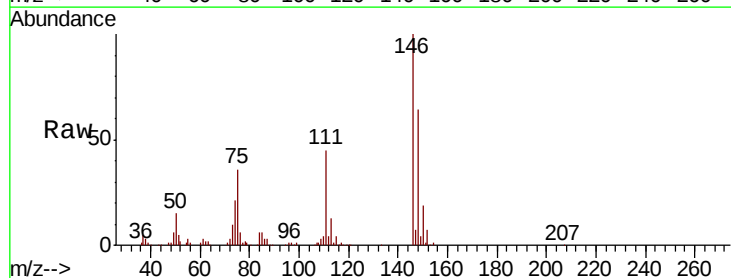
Manual Integrations  
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#14  
 1,2-Dichlorobenzene  
 Concen: 30.529 ng  
 RT: 8.33 min Scan# 892  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.9  | 77.9  |
| 111     | 44.9  | 31.3  | 46.9  |





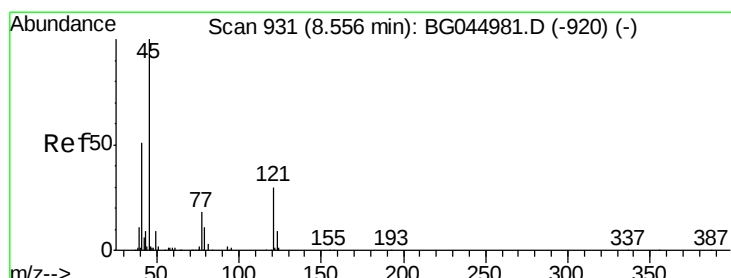
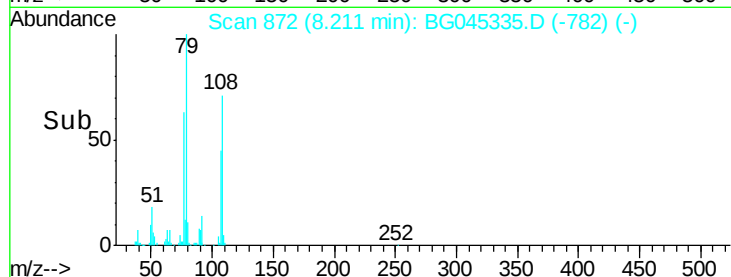
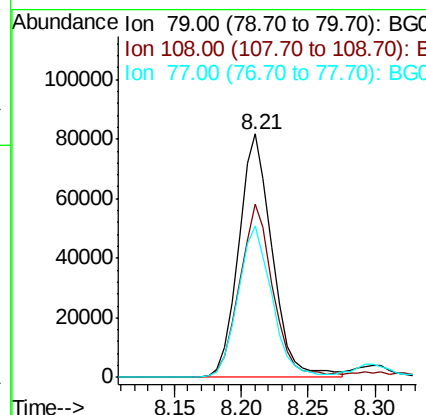
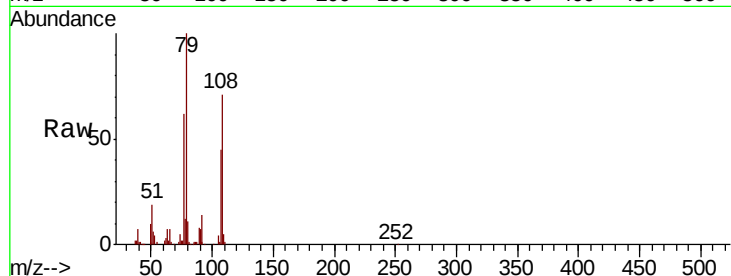
#15  
Benzyl Alcohol  
Concen: 30.087 ng  
RT: 8.21 min Scan# 872  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampled :  
PB128809BSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 79      | 100  |       |       |       |
| 108     | 70.9 | 52.7  | 79.1  |       |
| 77      | 62.4 | 51.3  | 76.9  |       |

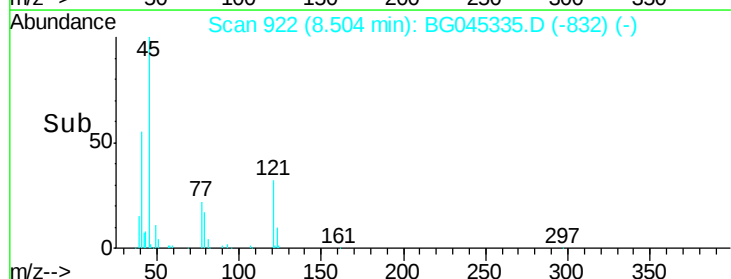
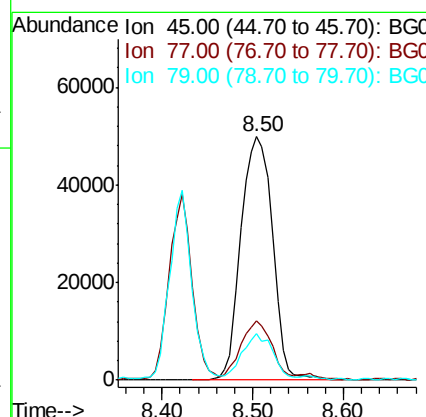
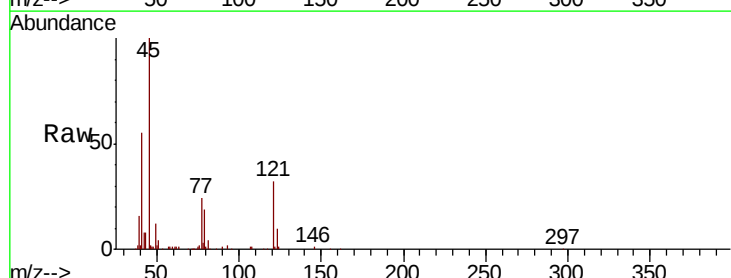
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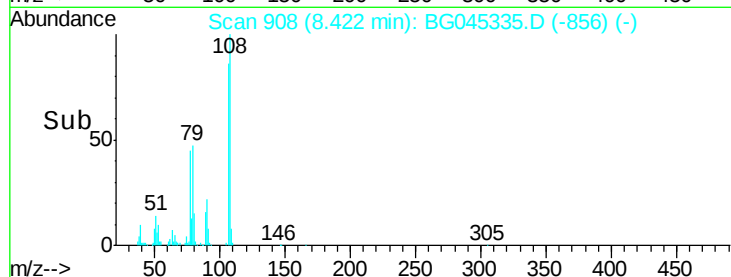
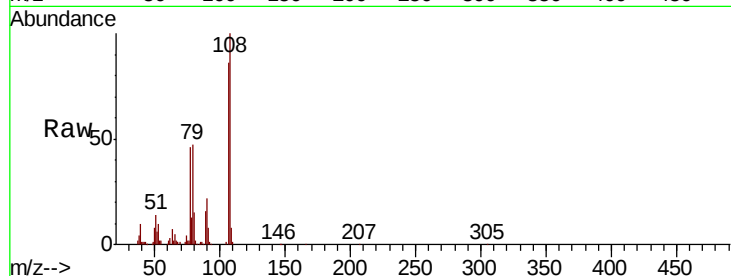
mohammad  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 27.401 ng  
RT: 8.50 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 45      | 100  |       |       |       |
| 77      | 24.1 | 1.9   | 41.9  |       |
| 79      | 19.1 | 0.0   | 35.5  |       |





#17

2-Methylphenol

Concen: 29.590 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 116.0 | 93.8 | 140.6 |       |
| 77      | 53.0  | 38.5 | 57.7  |       |
| 79      | 54.1  | 40.1 | 60.1  |       |

Instrument :

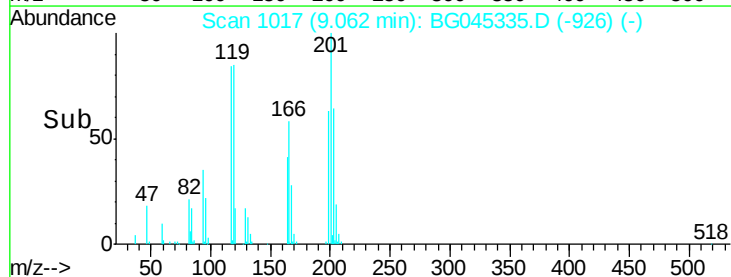
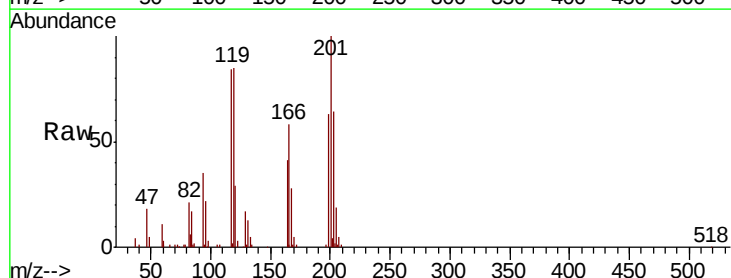
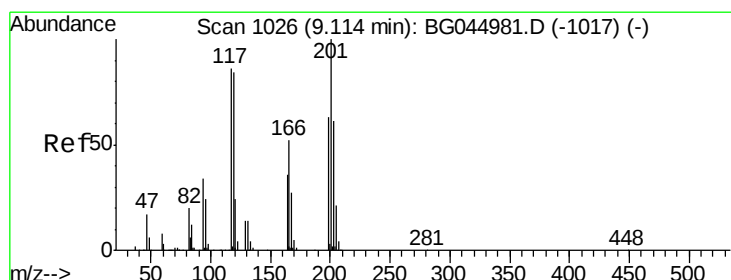
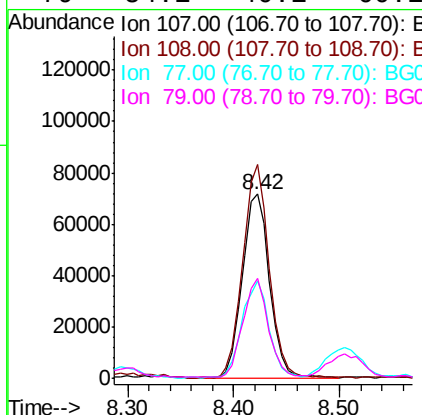
BNA\_G

ClientSampleId :

PB128809BSD

Manual Integrations  
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#18

Hexachloroethane

Concen: 31.424 ng

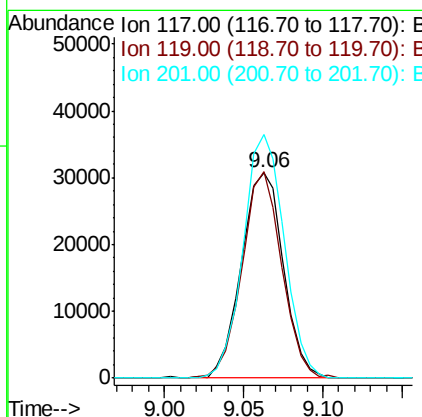
RT: 9.06 min Scan# 1017

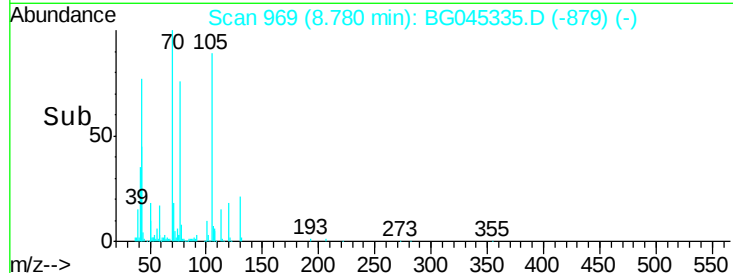
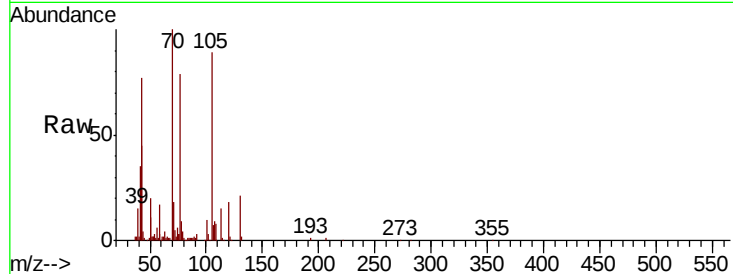
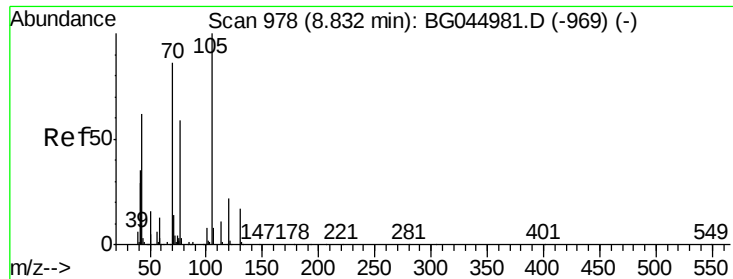
Delta R.T. 0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 100.2 | 78.3 | 117.5 |       |
| 201     | 118.5 | 92.9 | 139.3 |       |





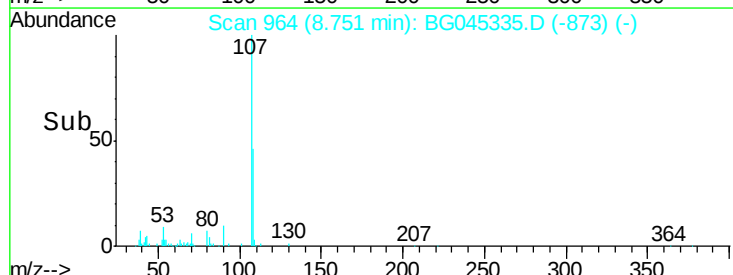
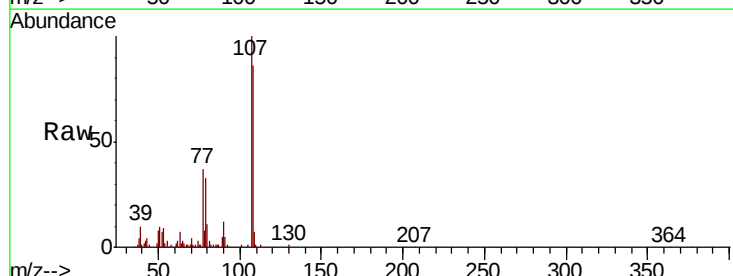
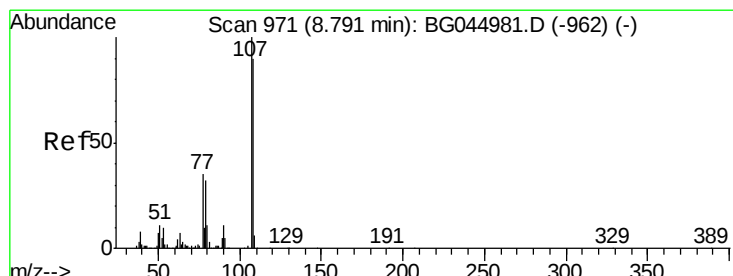
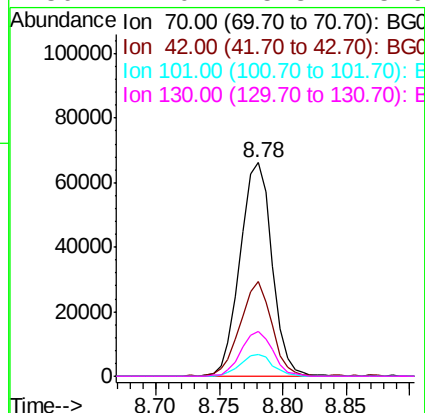
#19  
n-Nitroso-di-n-propylamine  
Concen: 29.020 ng  
RT: 8.78 min Scan# 969  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 115766 |       |       |
| 42      | 44.6 | 33.3  | 49.9   |       |       |
| 101     | 10.3 | 7.8   | 11.8   |       |       |
| 130     | 21.0 | 15.8  | 23.6   |       |       |

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

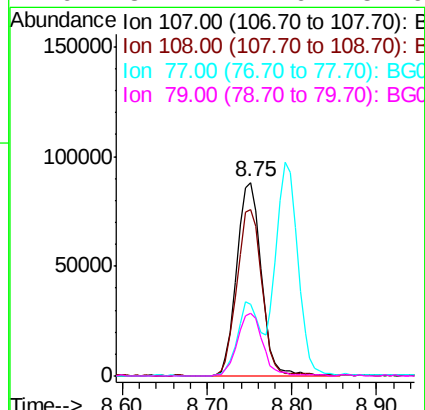
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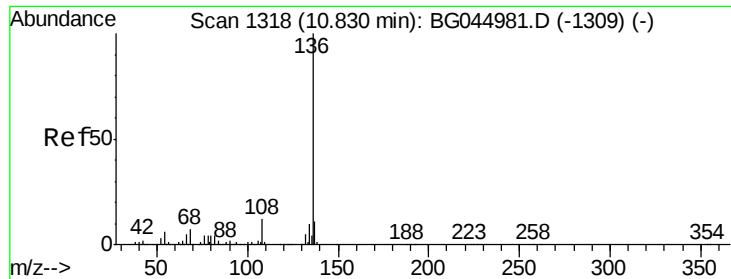
mohammad  
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#20  
3+4-Methylphenols  
Concen: 29.105 ng  
RT: 8.75 min Scan# 964  
Delta R.T. 0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 177420 |       |       |
| 108     | 86.2 | 69.9  | 109.9  |       |       |
| 77      | 36.9 | 15.2  | 55.2   |       |       |
| 79      | 32.7 | 11.6  | 51.6   |       |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

Instrument :

BNA\_G

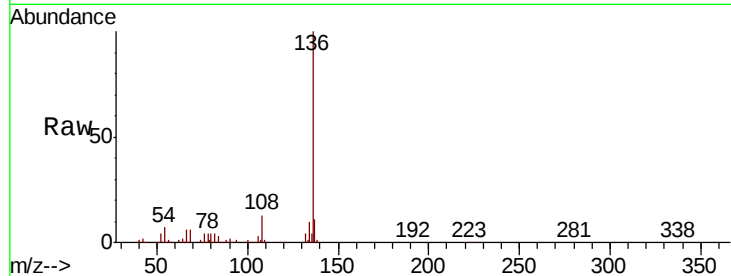
ClientSampleId :

PB128809BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 240072 |       |       |
| 137     | 11.0  | 8.6    | 13.0  |       |
| 54      | 6.7   | 4.8    | 7.2   |       |
| 68      | 5.5   | 5.2    | 7.8   |       |

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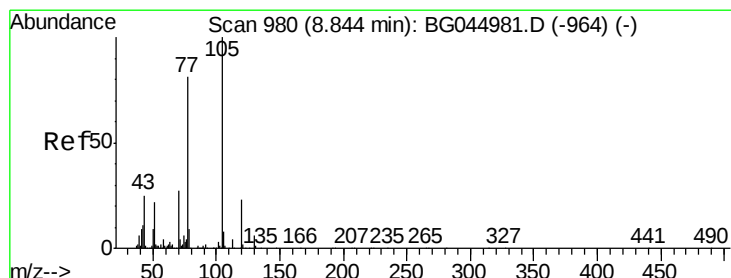
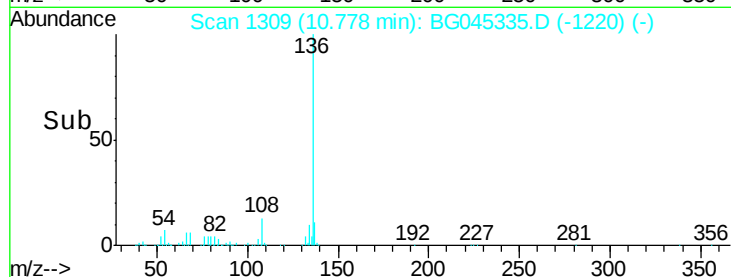
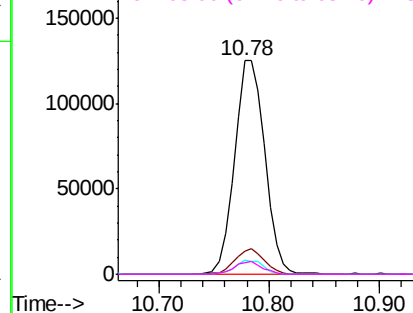
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 33.105 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 214924 |       |       |
| 71      | 3.8   | 3.3    | 4.9   |       |
| 51      | 20.0  | 17.3   | 25.9  |       |
| 120     | 20.9  | 18.4   | 27.6  |       |

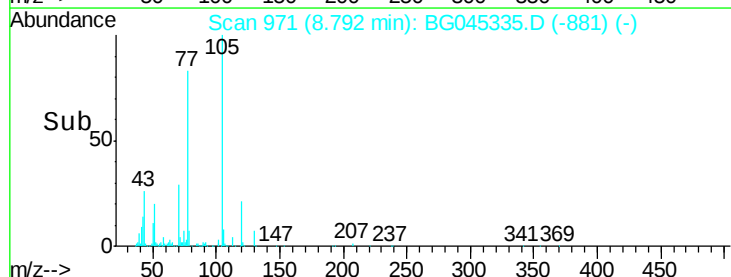
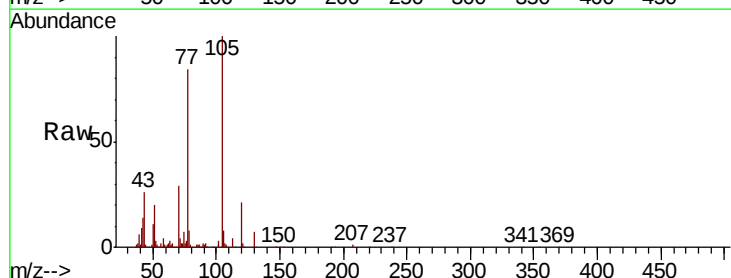
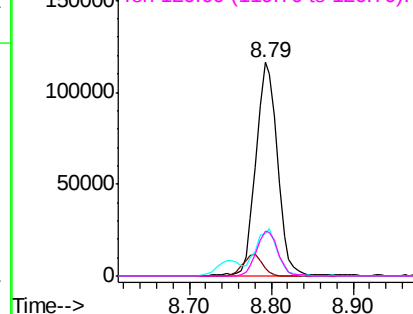
Abundance

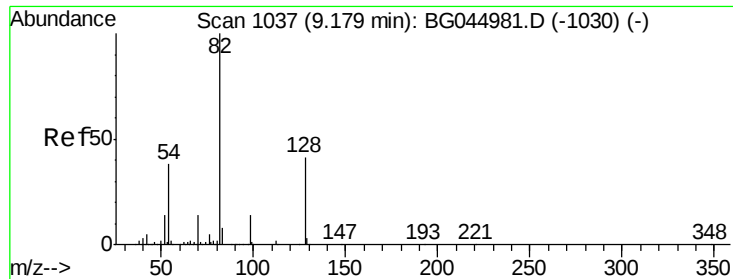
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





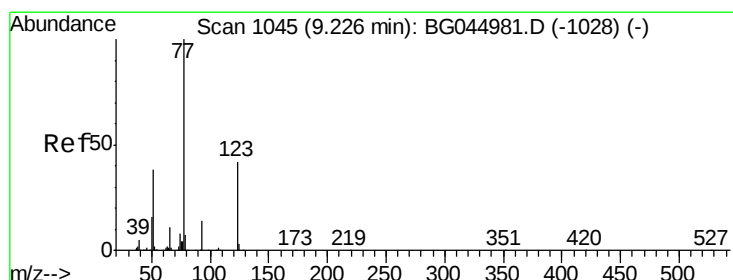
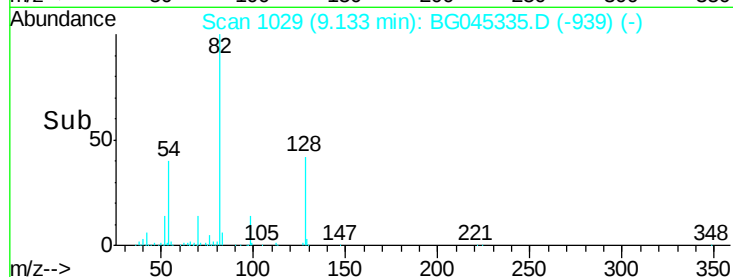
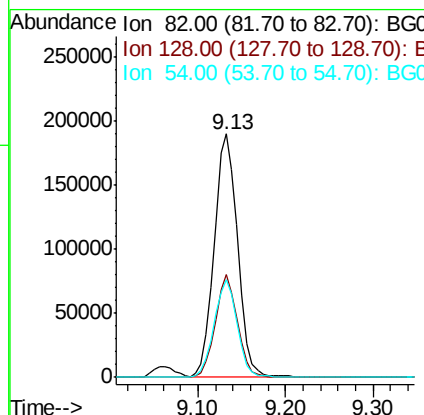
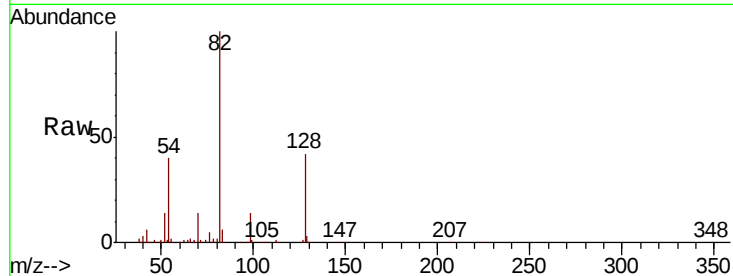
#23  
 Nitrobenzene-d5  
 Concen: 66.917 ng  
 RT: 9.13 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128809BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 352076 |       |       |
| 128     | 42.0  |        | 33.0  | 49.4  |
| 54      | 40.2  |        | 30.4  | 45.6  |

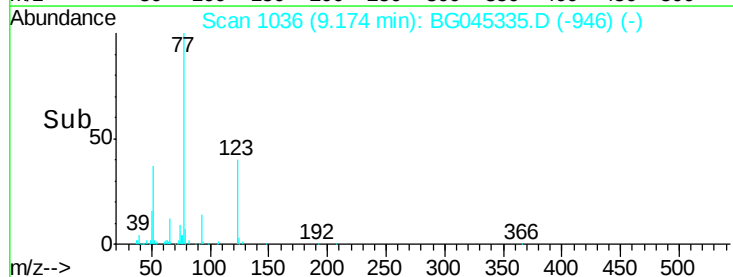
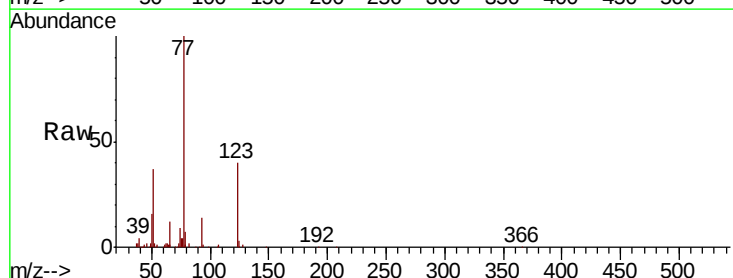
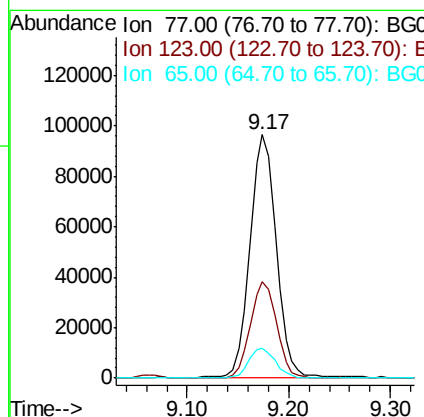
Manual Integrations  
 APPROVED

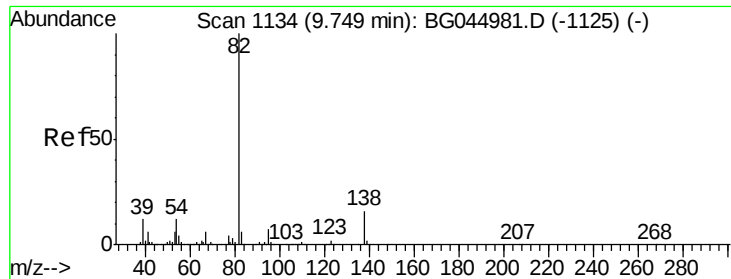
mohammad  
 5/14/2020 8:37:15 AM



#24  
 Nitrobenzene  
 Concen: 32.579 ng  
 RT: 9.17 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 175706 |       |       |
| 123     | 39.7  |        | 34.3  | 51.5  |
| 65      | 12.3  |        | 8.9   | 13.3  |





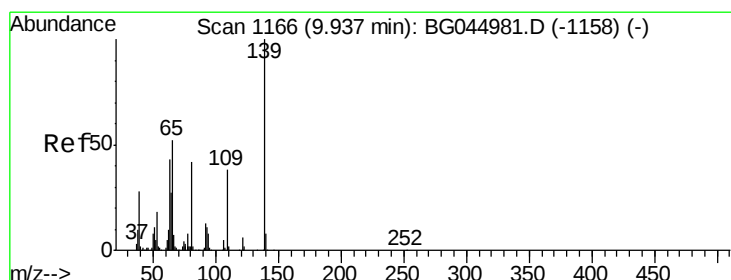
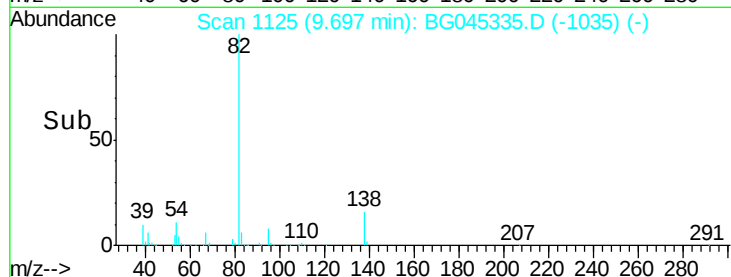
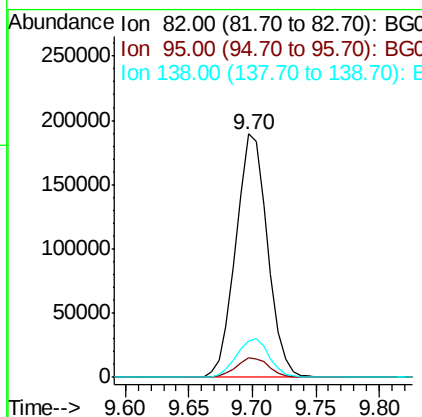
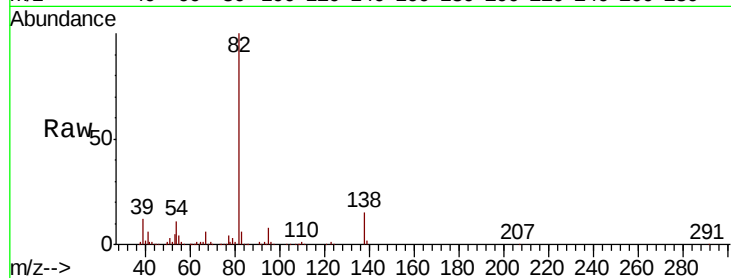
#25  
Isophorone  
Concen: 30.621 ng  
RT: 9.70 min Scan# 1125  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 8.2   | 6.0   | 9.0   |
| 138     | 15.2  | 12.7  | 19.1  |

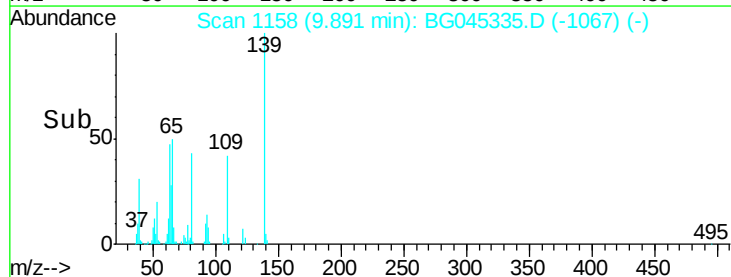
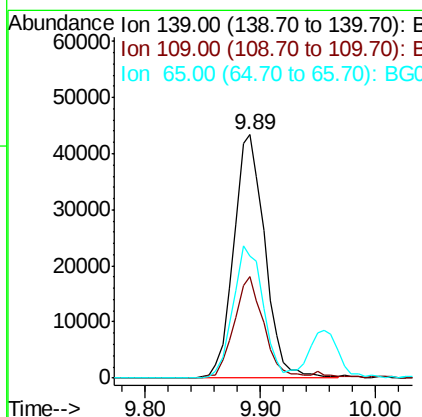
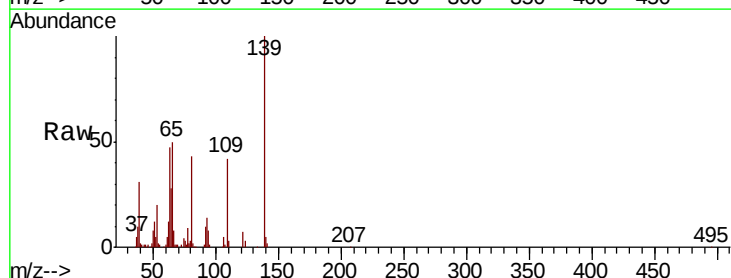
Manual Integrations  
APPROVED

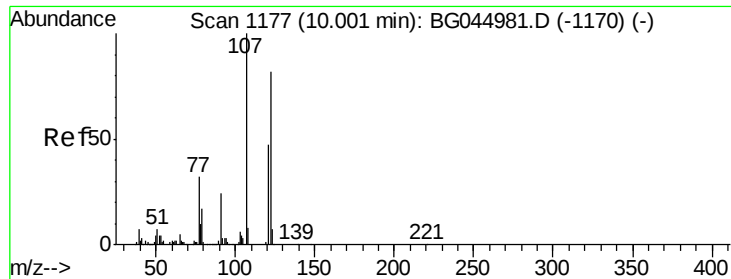
mohammad  
5/14/2020 8:37:15 AM



#26  
2-Nitrophenol  
Concen: 34.962 ng  
RT: 9.89 min Scan# 1158  
Delta R.T. 0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 41.8  | 30.6  | 45.8  |
| 65      | 50.3  | 41.8  | 62.6  |





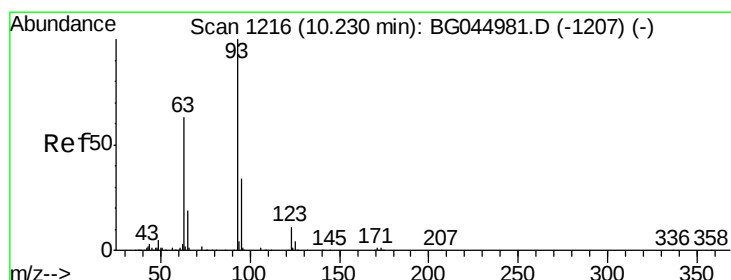
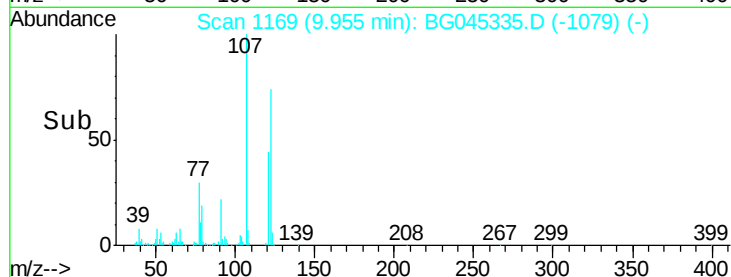
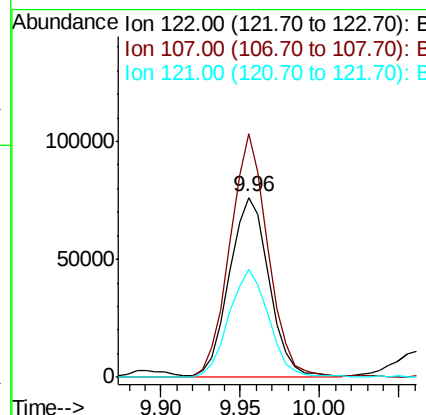
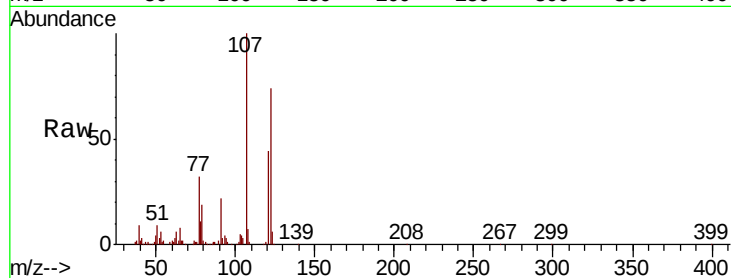
#27  
2,4-Dimethylphenol  
Concen: 35.671 ng  
RT: 9.96 min Scan# 1169  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 131485 |       |       |
| 107     | 135.5 | 96.8   | 145.2 |       |
| 121     | 60.3  | 45.6   | 68.4  |       |

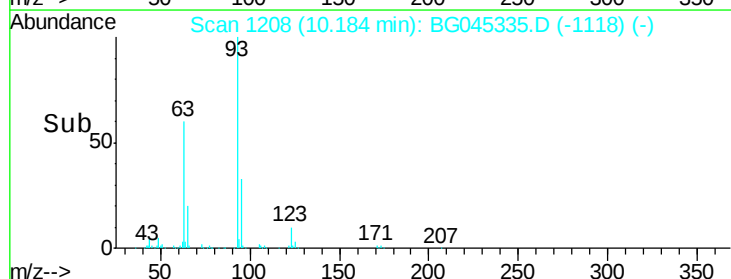
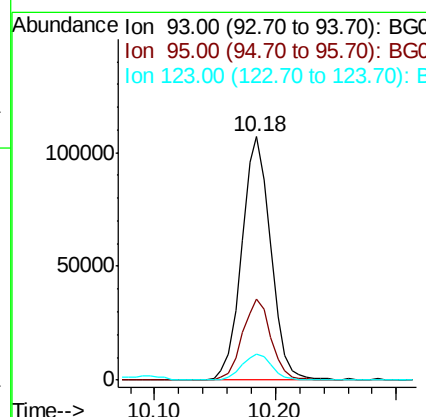
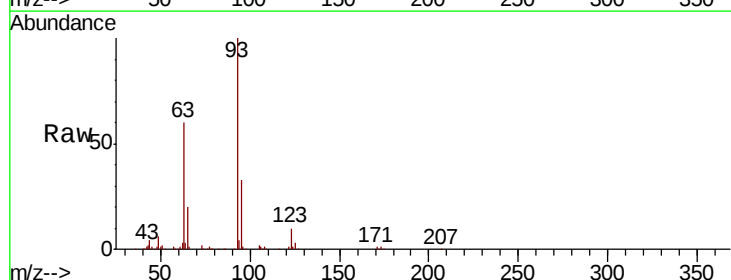
Manual Integrations  
APPROVED

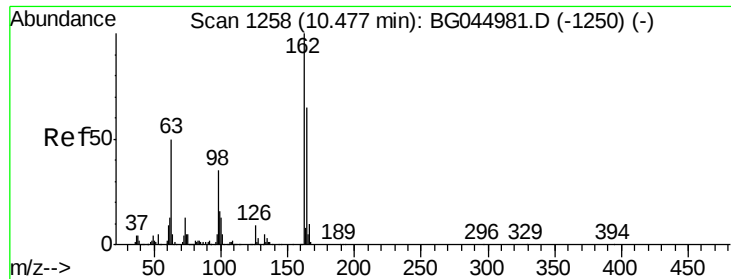
mohammad  
5/14/2020 8:37:15 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 31.716 ng  
RT: 10.18 min Scan# 1208  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 179551 |       |       |
| 95      | 33.2  | 27.0   | 40.4  |       |
| 123     | 10.5  | 8.7    | 13.1  |       |





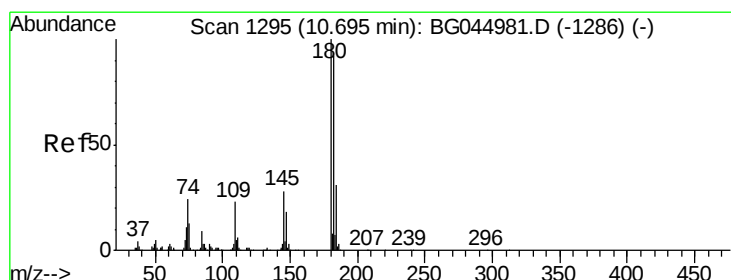
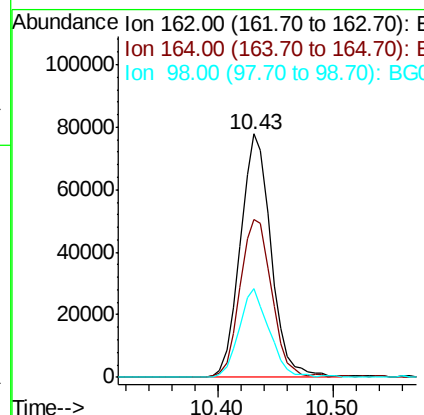
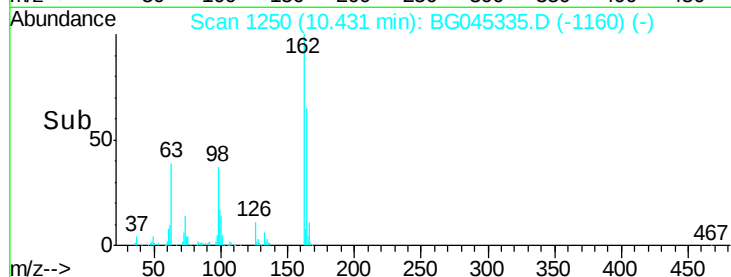
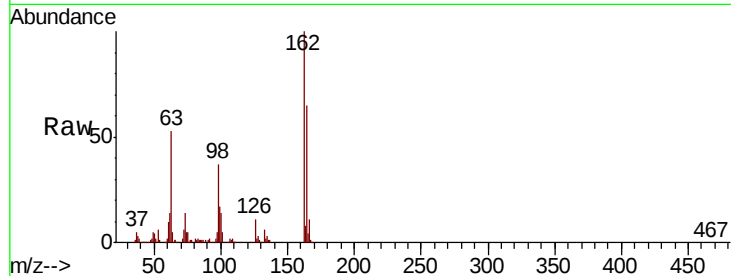
#29  
 2,4-Dichlorophenol  
 Concen: 33.780 ng  
 RT: 10.43 min Scan# 1250  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128809BSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 162     | 100  |       |      |       |       |
| 164     | 64.8 | 45.0  | 85.0 |       |       |
| 98      | 36.6 | 15.2  | 55.2 |       |       |

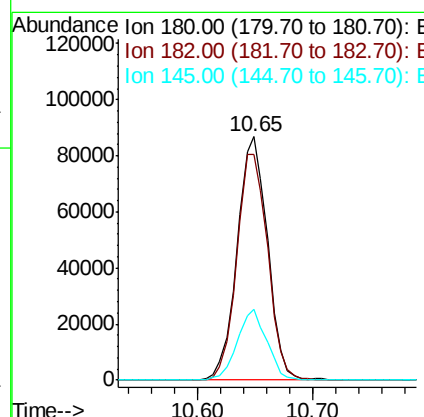
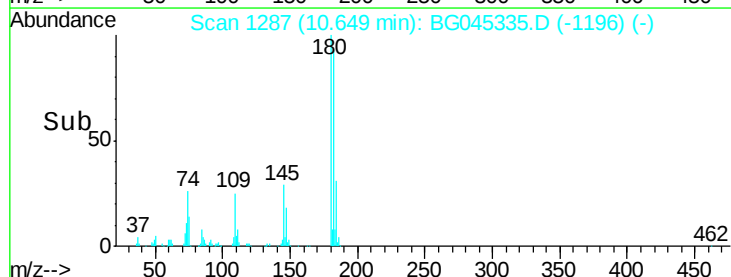
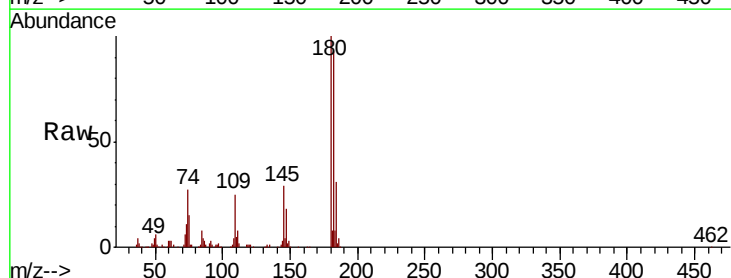
Manual Integrations  
 APPROVED

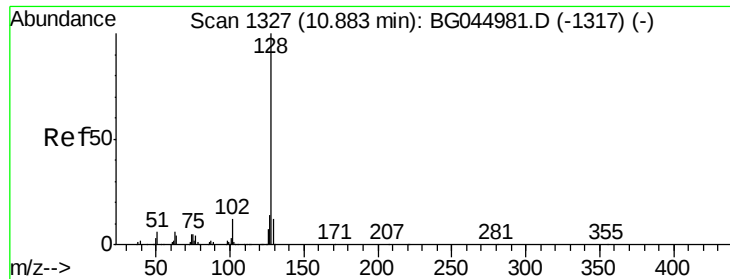
mohammad  
 5/14/2020 8:37:15 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 32.633 ng  
 RT: 10.65 min Scan# 1287  
 Delta R.T. 0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 180     | 100  |       |       |       |       |
| 182     | 92.8 | 73.3  | 109.9 |       |       |
| 145     | 28.9 | 22.6  | 33.8  |       |       |





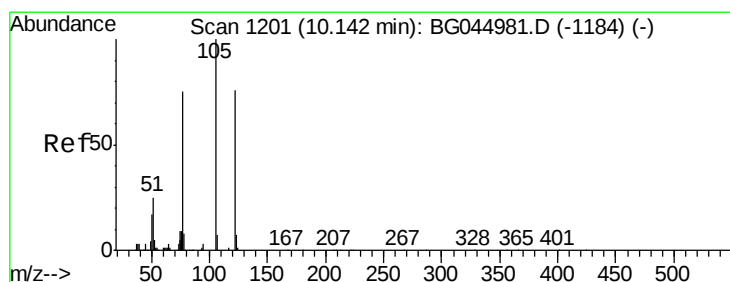
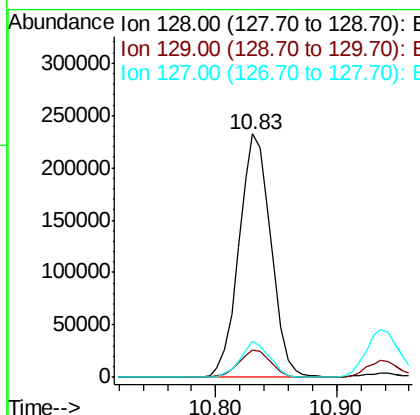
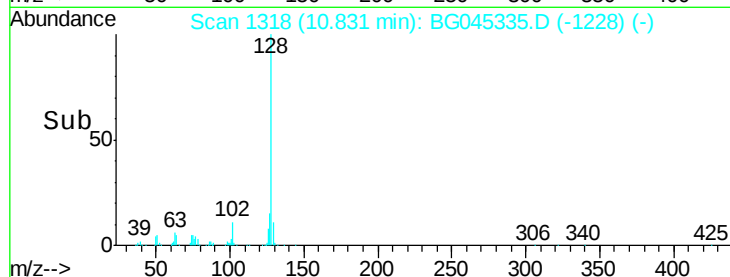
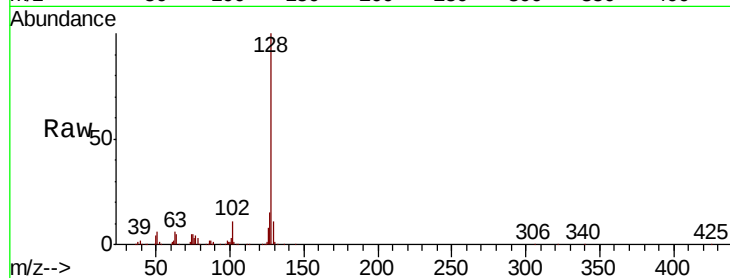
#31  
Naphthalene  
Concen: 32.540 ng  
RT: 10.83 min Scan# 1318  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 9.4   | 14.2  |
| 127     | 14.8  | 10.8  | 16.2  |

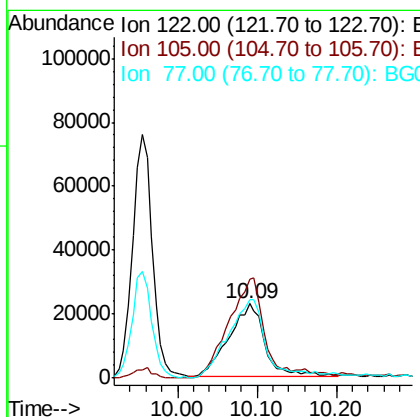
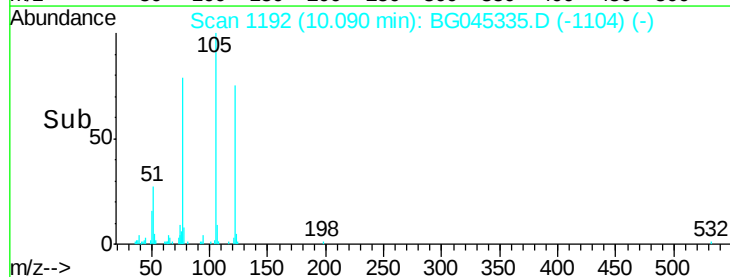
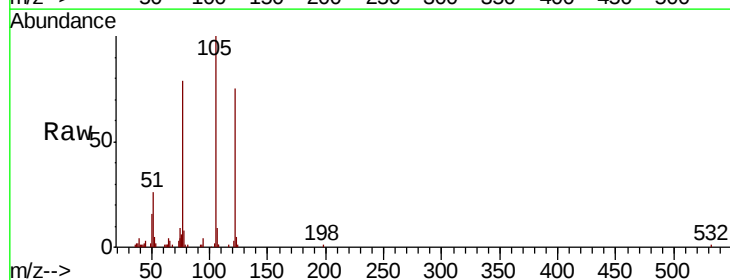
Manual Integrations  
APPROVED

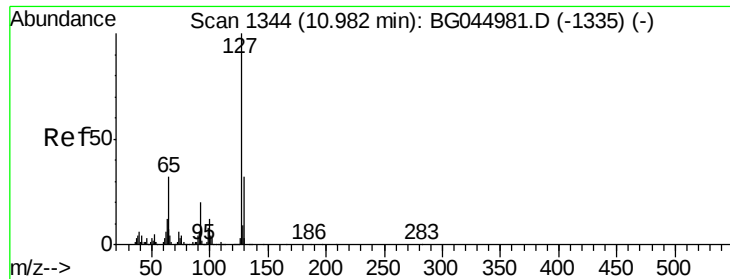
mohammad  
5/14/2020 8:37:15 AM



#32  
Benzoic acid  
Concen: 26.991 ng  
RT: 10.09 min Scan# 1192  
Delta R.T. -0.01 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 133.5 | 108.4 | 148.4 |
| 77      | 105.9 | 78.8  | 118.8 |





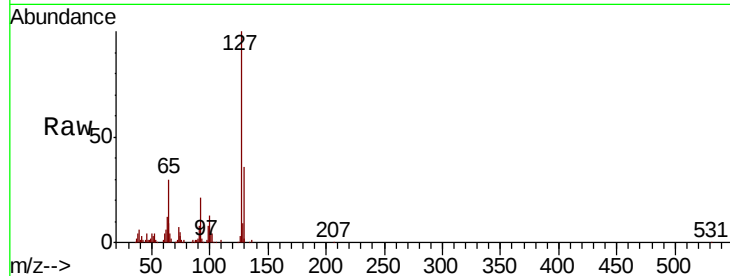
#33  
4-Chloroaniline  
Concen: 14.844 ng  
RT: 10.94 min Scan# 1336  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

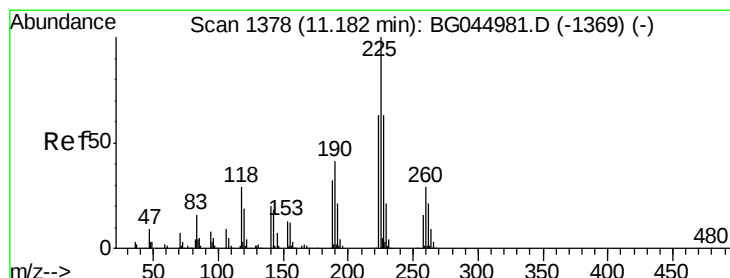
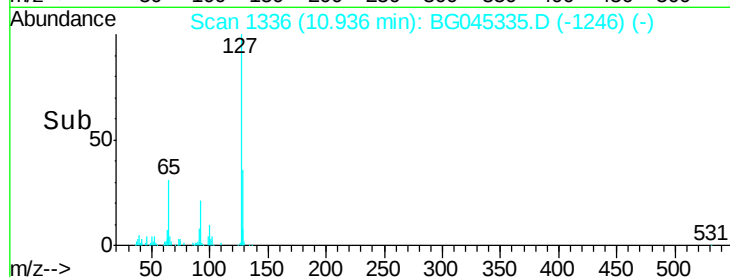
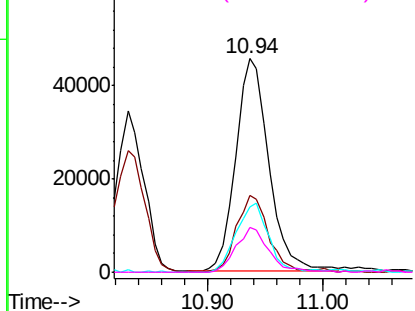
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 36.3 | 25.7  | 38.5 |       |       |
| 65      | 30.3 | 25.4  | 38.2 |       |       |
| 92      | 20.8 | 16.1  | 24.1 |       |       |

Manual Integrations  
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5/14/2020 8:37:15 AM

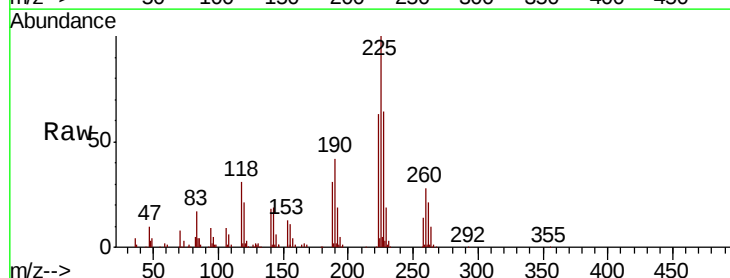


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

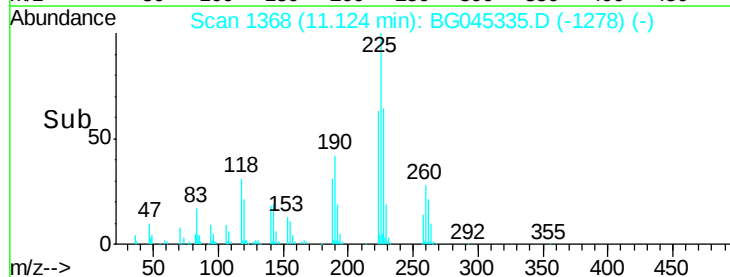
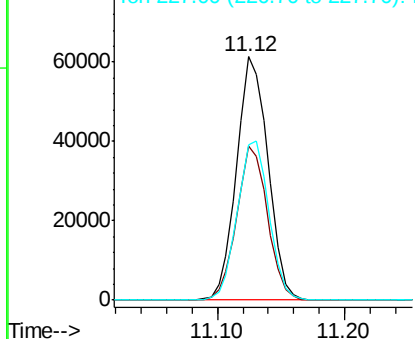


#34  
Hexachlorobutadiene  
Concen: 31.840 ng  
RT: 11.12 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.4 | 50.7  | 76.1 |       |       |
| 227     | 64.0 | 50.2  | 75.2 |       |       |



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: 32.692 ng/ml

RT: 11.69 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

Instrument :

BNA\_G

ClientSampleId :

PB128809BSD

Tot Ion:113 Resp: 55379

Ion Ratio Lower Upper

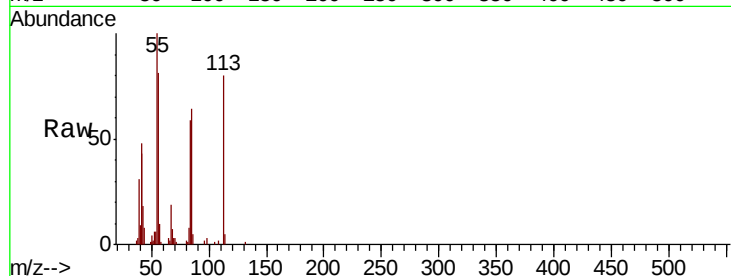
113 100

55 124.6 118.8 158.8

56 100.6 82.6 122.6

Manual Integrations  
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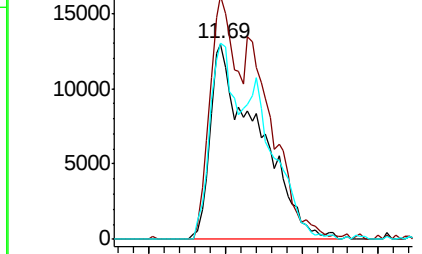
mohammad  
5/14/2020 8:37:15 AM



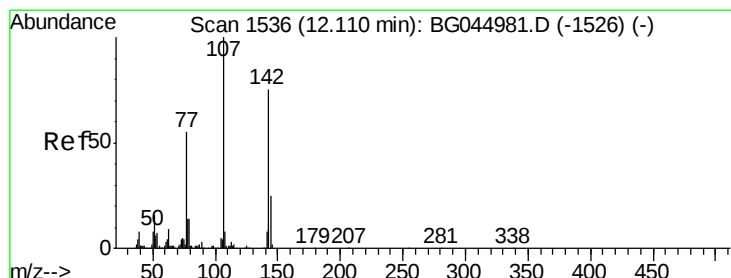
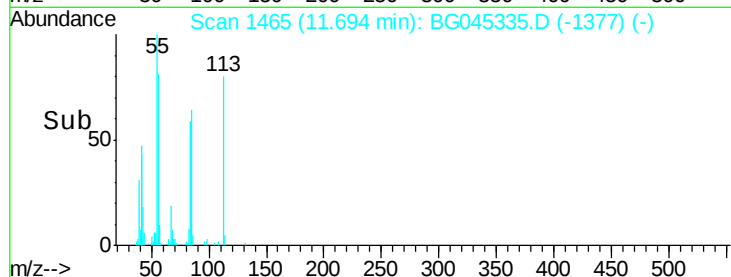
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



Time-->



#36

4-Chloro-3-methylphenol

Concen: 34.152 ng/ml

RT: 12.07 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

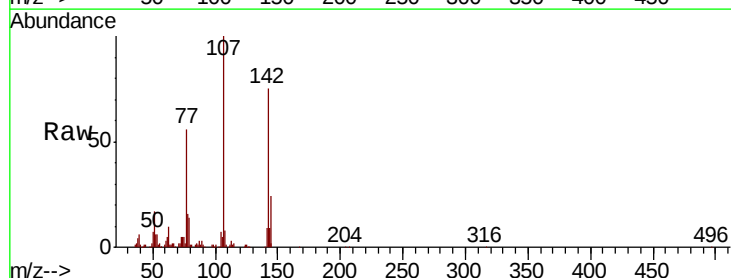
Tgt Ion:107 Resp: 170759

Ion Ratio Lower Upper

107 100

144 23.7 19.8 29.6

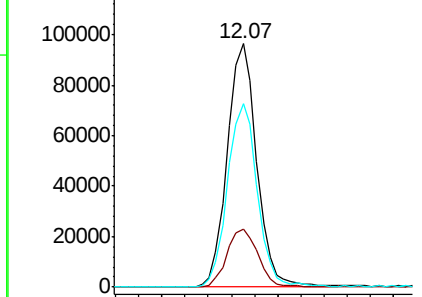
142 75.4 59.7 89.5



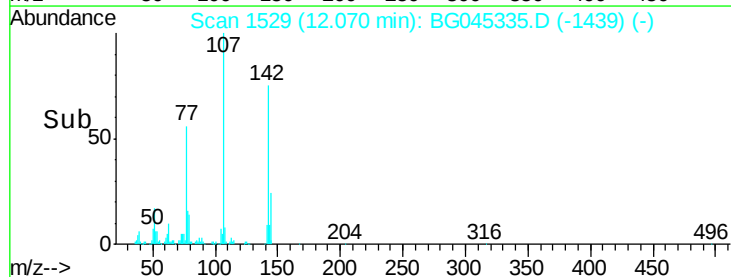
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





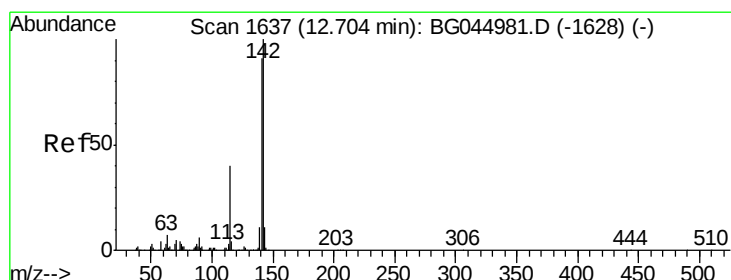
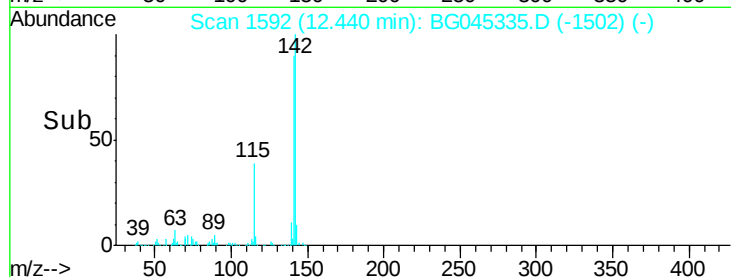
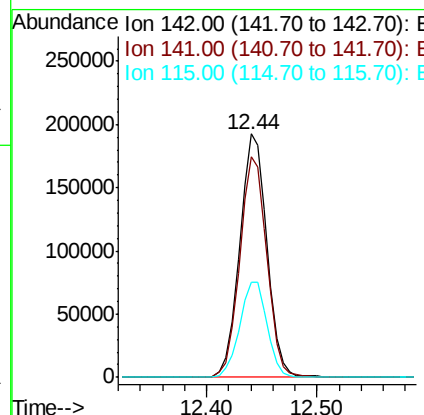
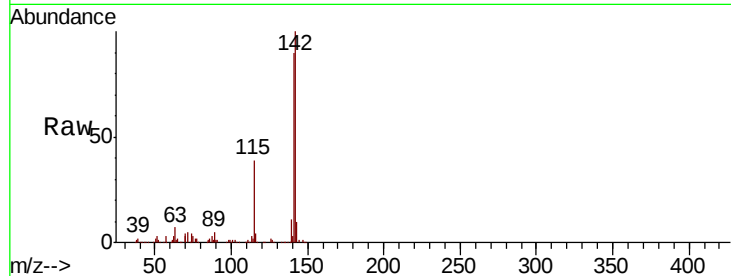
#37  
2-Methylnaphthalene  
Concen: 32.601 ng  
RT: 12.44 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.5  | 70.3  | 105.5 |
| 115     | 38.9  | 29.8  | 44.6  |

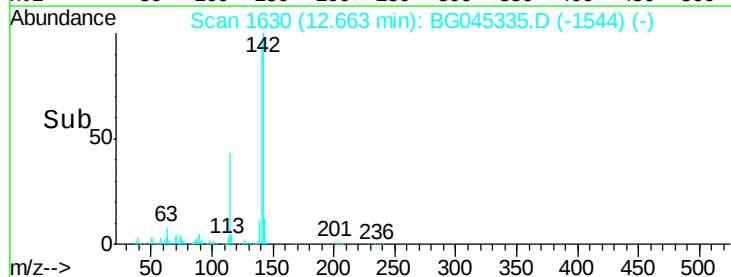
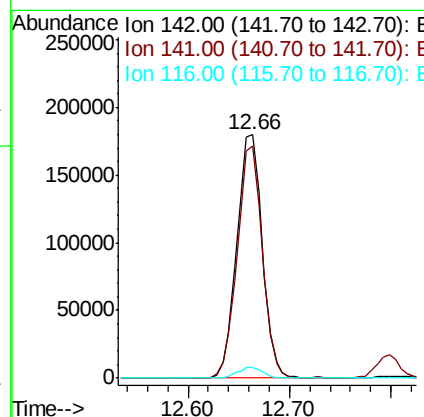
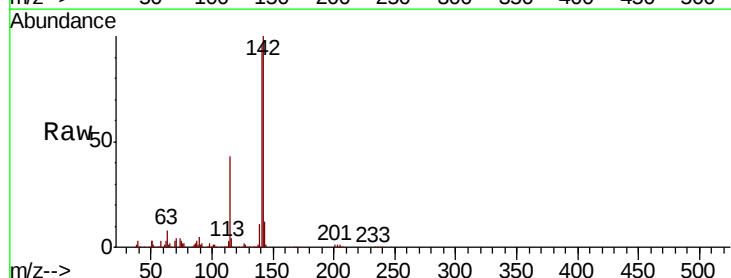
Manual Integrations  
APPROVED

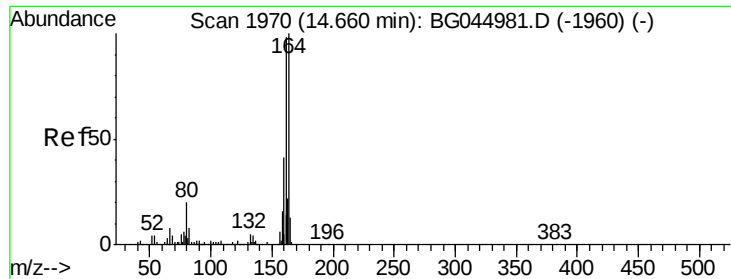
mohammad  
5/14/2020 8:37:15 AM



#38  
1-Methylnaphthalene  
Concen: 32.650 ng  
RT: 12.66 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.6  | 72.7  | 109.1 |
| 116     | 4.2   | 3.1   | 4.7   |





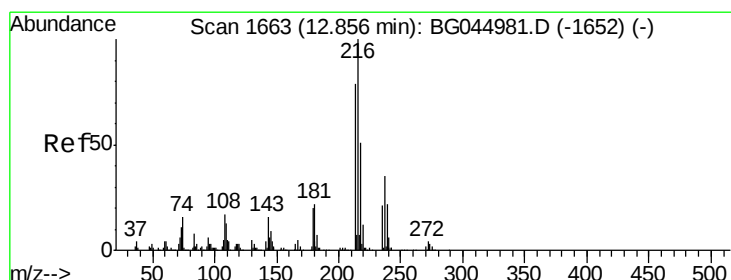
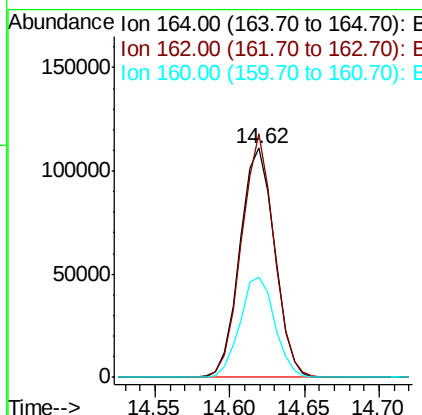
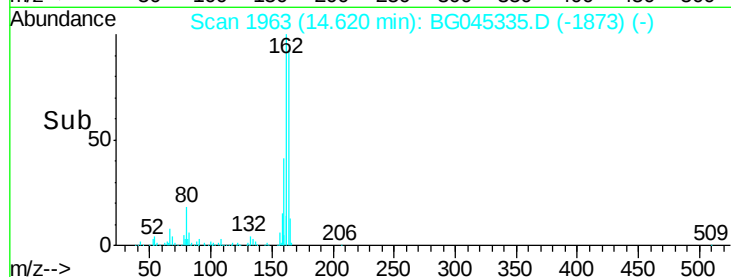
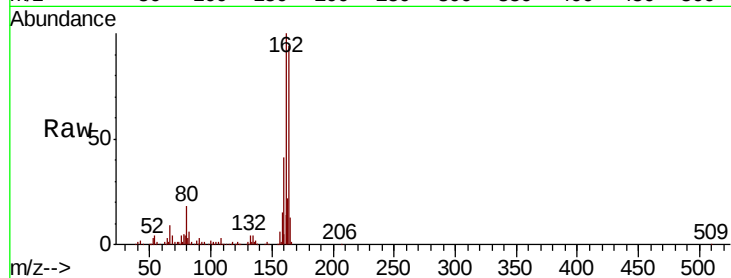
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.62 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.2 | 78.7  | 118.1 |
| 160     | 44.0  | 32.8  | 49.2  |

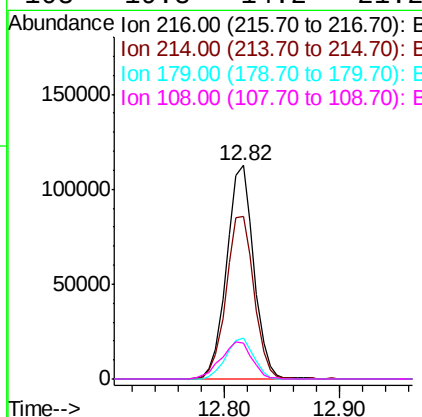
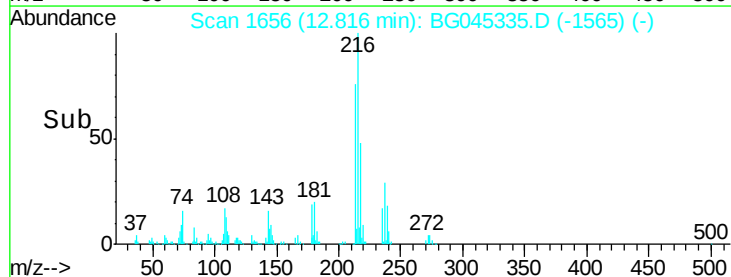
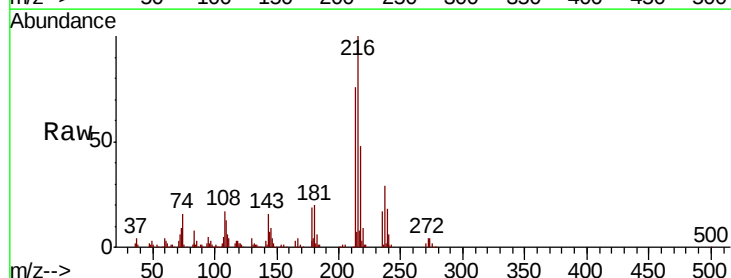
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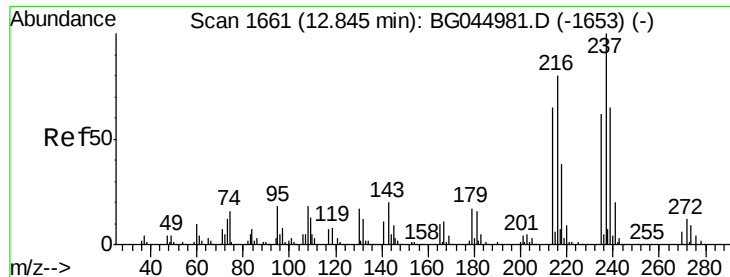
mohammad  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 31.760 ng  
RT: 12.82 min Scan# 1656  
Delta R.T. 0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.2  | 63.0  | 94.6  |
| 179     | 19.6  | 15.8  | 23.8  |
| 108     | 19.8  | 14.2  | 21.2  |





#41

Hexachlorocyclopentadiene

Concen: 68.468 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

Instrument :

BNA\_G

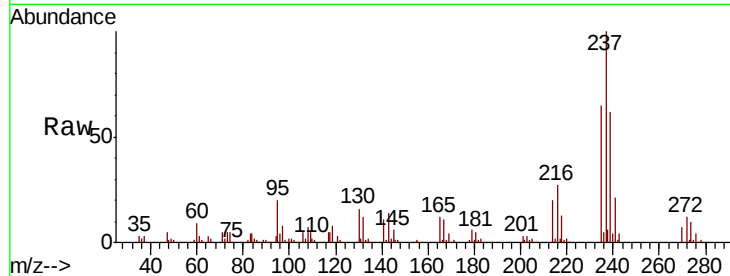
ClientSampleId :

PB128809BSD

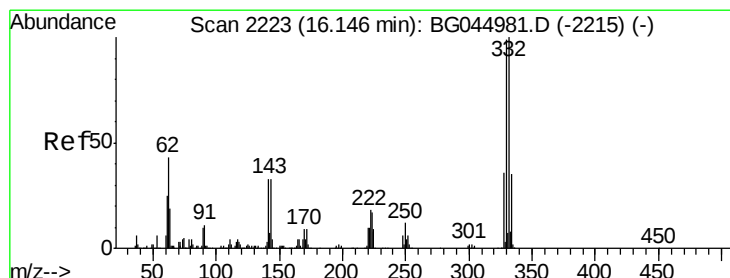
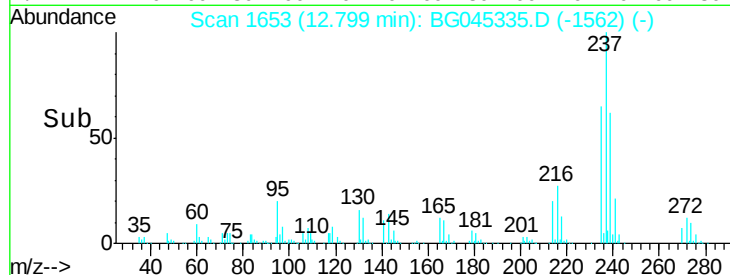
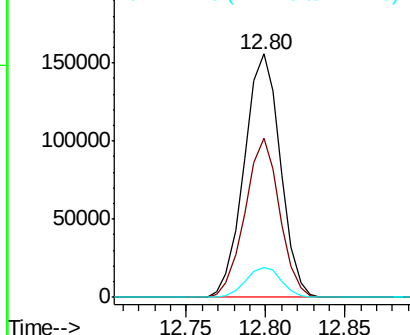
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 246579 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 65.4  | 41.6  | 81.6   |
| 272       | 12.4  | 0.0   | 32.1   |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 101.738 ng

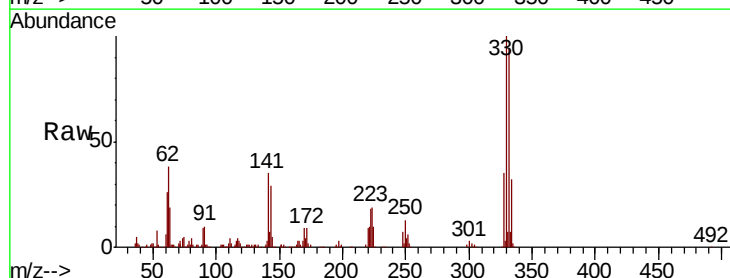
RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

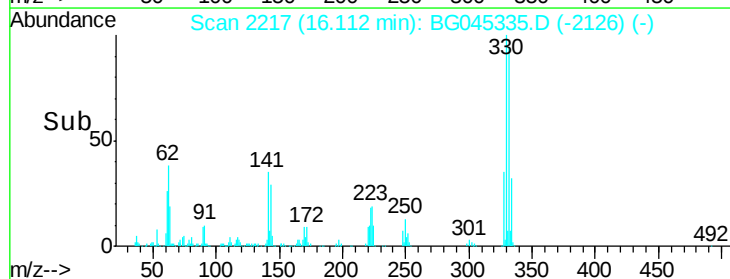
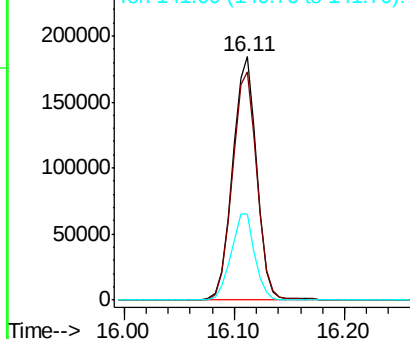
Lab File: BG045335.D

Acq: 12 May 2020 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 281275 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.0  | 79.1  | 118.7  |
| 141       | 35.3  | 27.1  | 40.7   |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





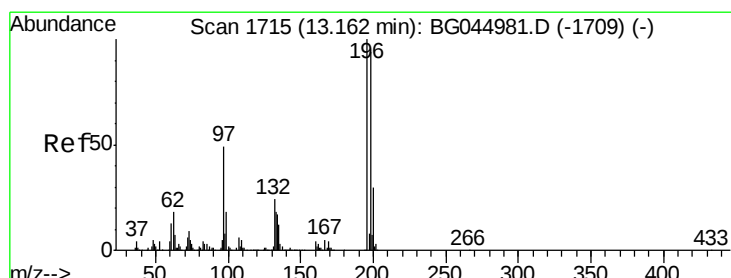
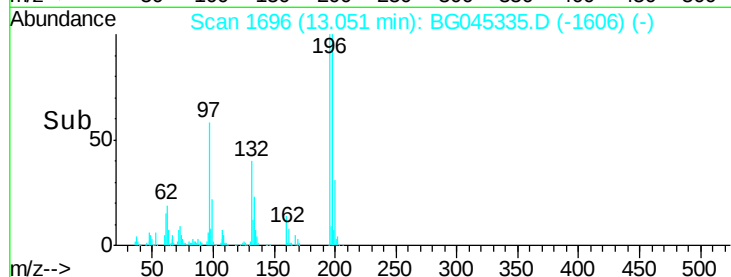
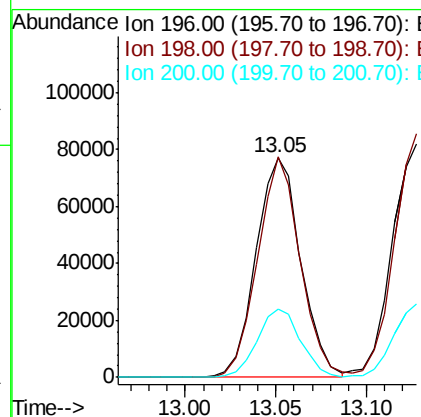
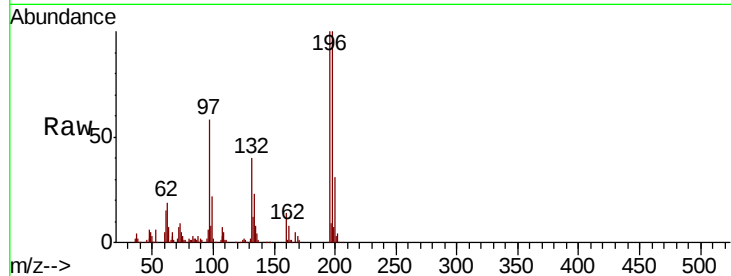
#43  
 2,4,6-Trichlorophenol  
 Concen: 32.637 ng  
 RT: 13.05 min Scan# 1696  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128809BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 132724 |       |       |
| 198     | 100.2 | 72.5   | 108.7 |       |
| 200     | 31.3  | 24.5   | 36.7  |       |

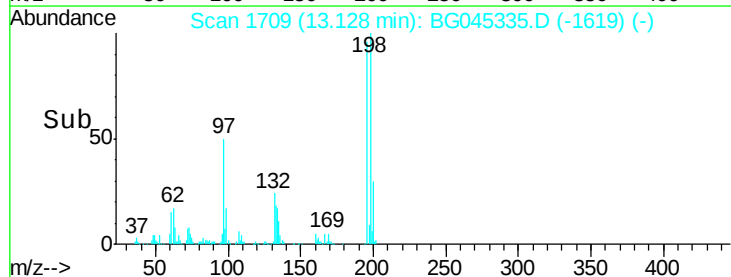
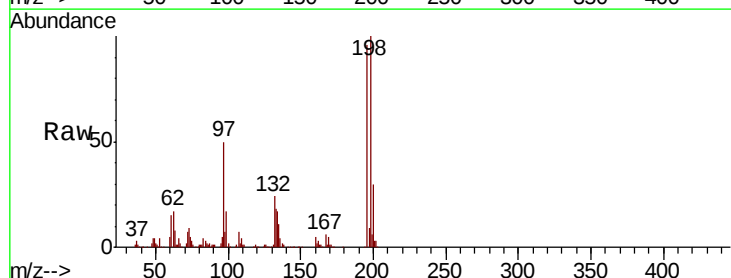
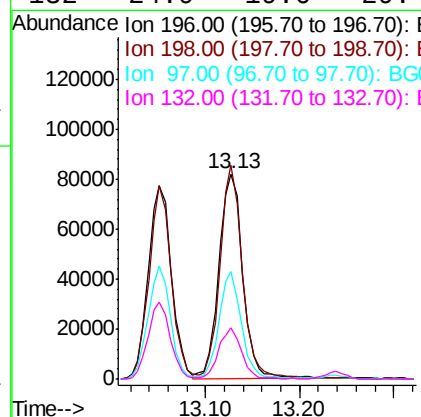
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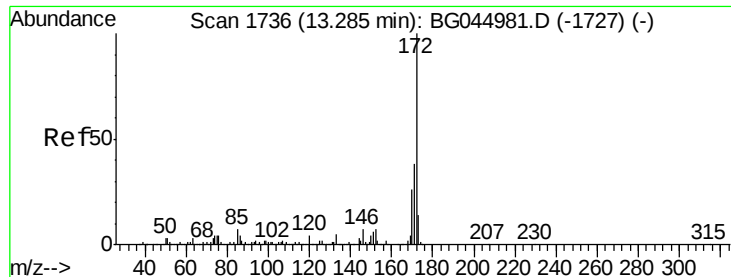
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 31.448 ng  
 RT: 13.13 min Scan# 1709  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 145572 |       |       |
| 198     | 104.2 | 75.7   | 113.5 |       |
| 97      | 52.3  | 39.6   | 59.4  |       |
| 132     | 24.9  | 19.6   | 29.4  |       |





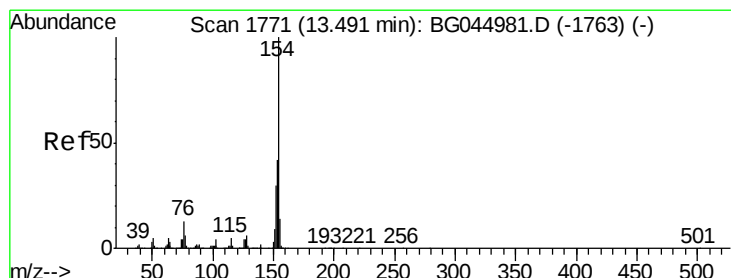
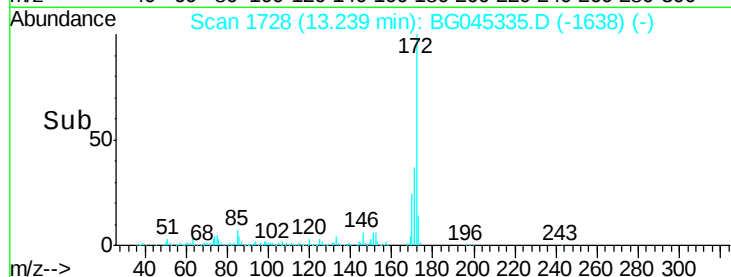
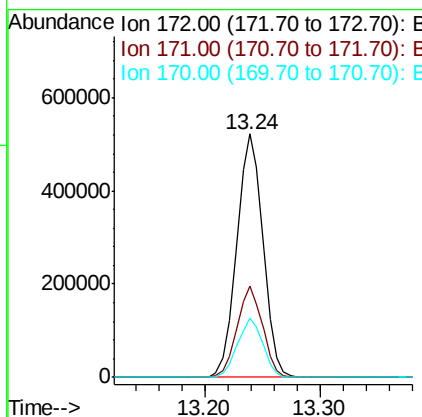
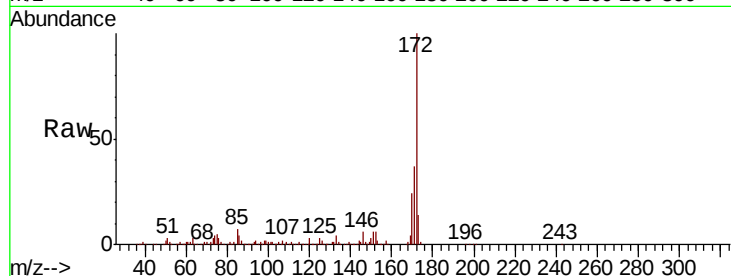
#45  
2-Fluorobiphenyl  
Concen: 66.984 ng  
RT: 13.24 min Scan# 1728  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.4  | 30.6  | 46.0  |
| 170     | 24.3  | 20.5  | 30.7  |

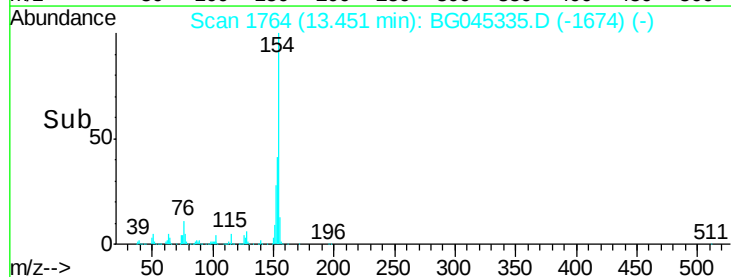
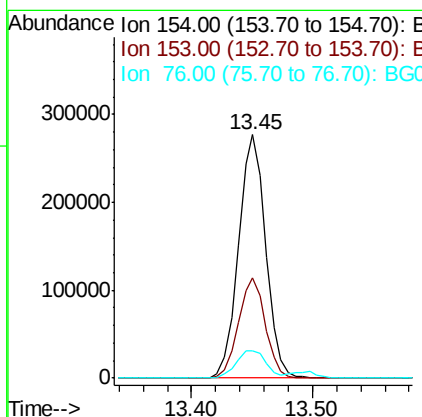
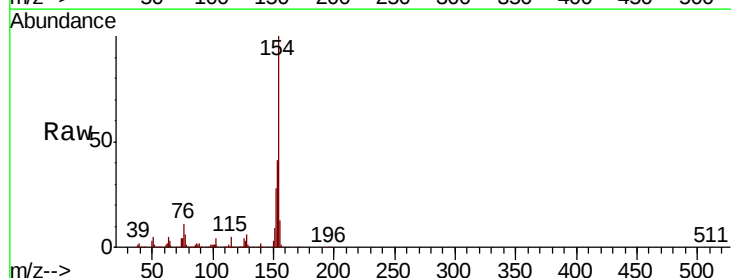
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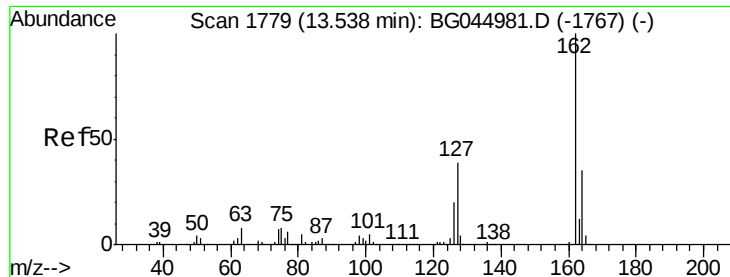
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 31.901 ng  
RT: 13.45 min Scan# 1764  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.1  | 21.9  | 61.9  |
| 76      | 11.1  | 0.0   | 33.1  |





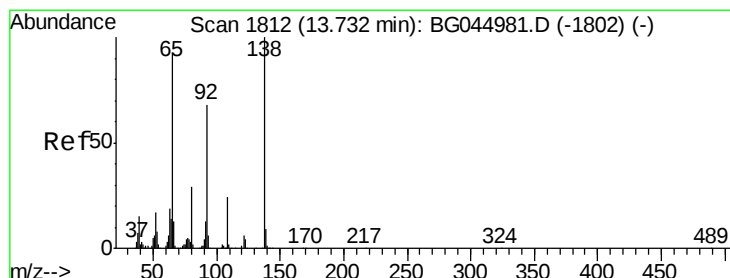
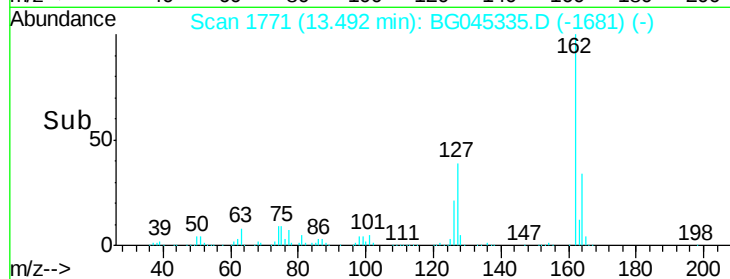
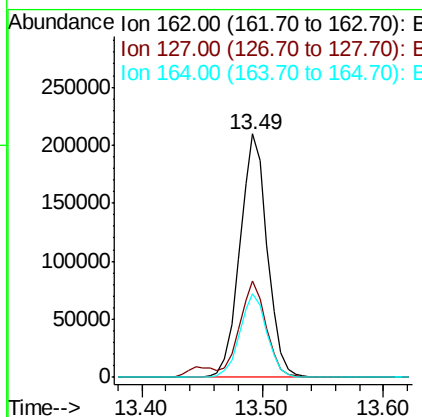
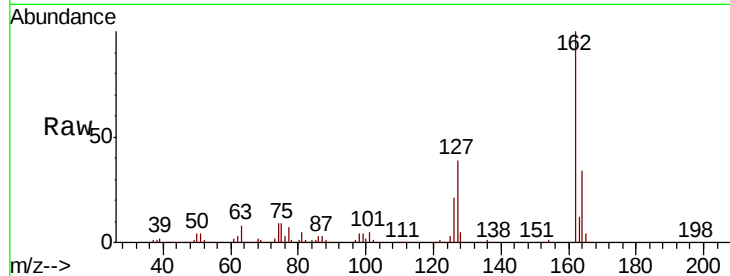
#47  
2-Chloronaphthalene  
Concen: 31.783 ng  
RT: 13.49 min Scan# 1771  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 162     | 100  |       |      |       |       |
| 127     | 39.4 | 31.3  | 46.9 |       |       |
| 164     | 34.3 | 27.8  | 41.8 |       |       |

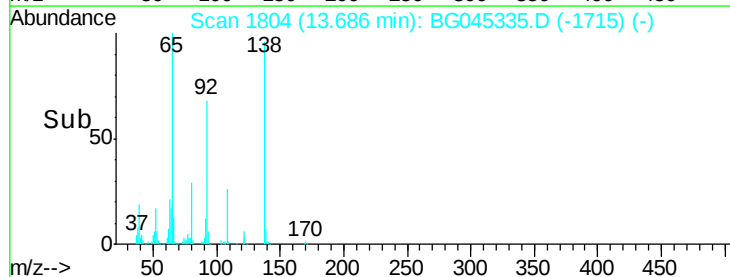
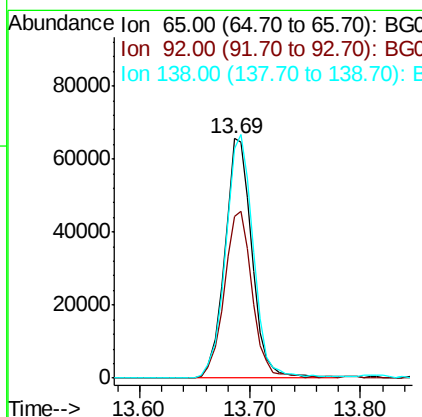
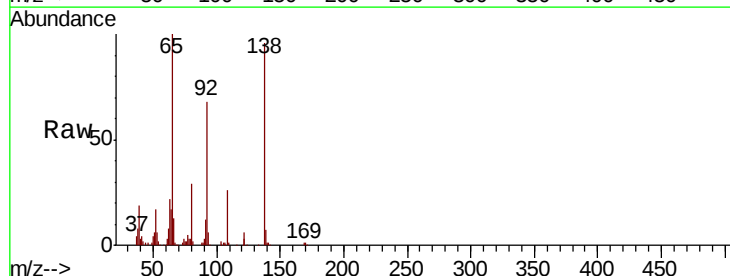
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#48  
2-Nitroaniline  
Concen: 33.051 ng  
RT: 13.69 min Scan# 1804  
Delta R.T. -0.01 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 65      | 100  |       |       |       |       |
| 92      | 67.8 | 58.3  | 87.5  |       |       |
| 138     | 96.1 | 85.6  | 128.4 |       |       |





#49

Acenaphthylene

Concen: 33.095 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

Instrument :

BNA\_G

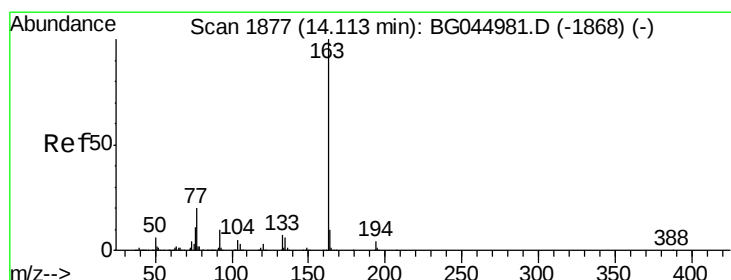
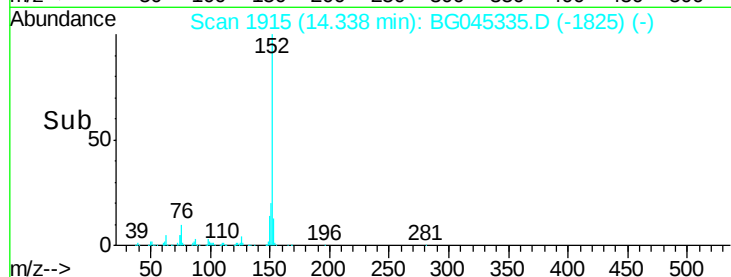
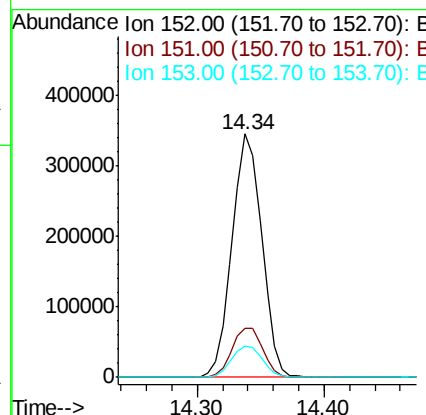
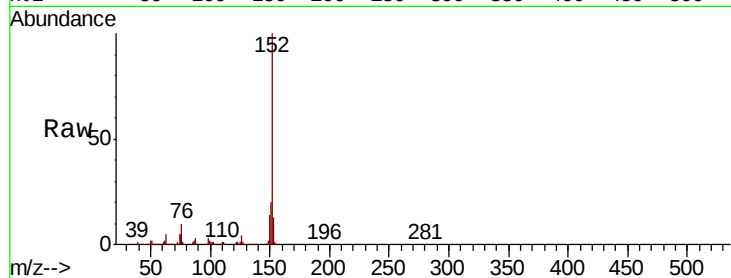
ClientSampleId :

PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 17.2  | 25.8  |
| 153     | 12.8  | 11.0  | 16.4  |

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#50

Dimethylphthalate

Concen: 32.515 ng

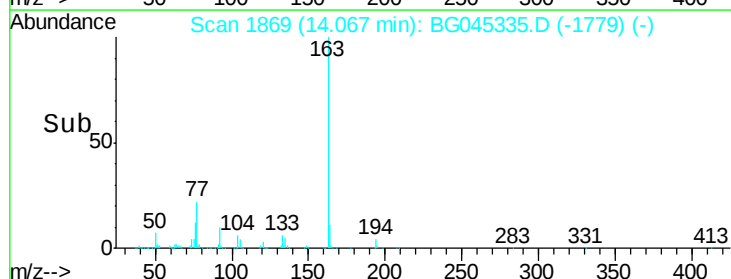
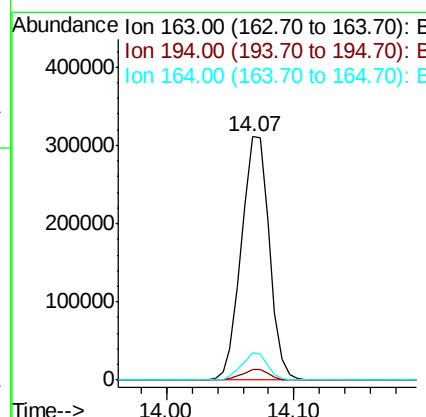
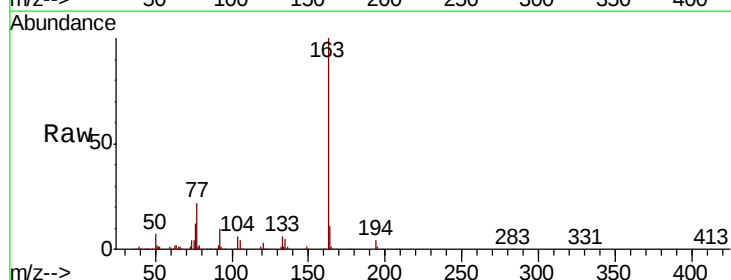
RT: 14.07 min Scan# 1869

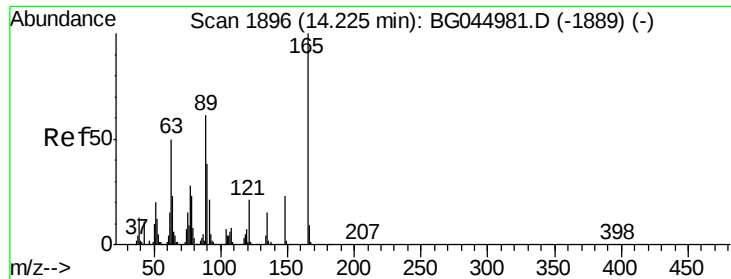
Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.3   | 3.5   | 5.3   |
| 164     | 11.2  | 8.2   | 12.4  |





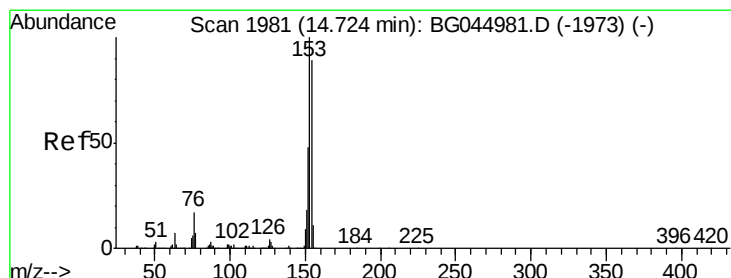
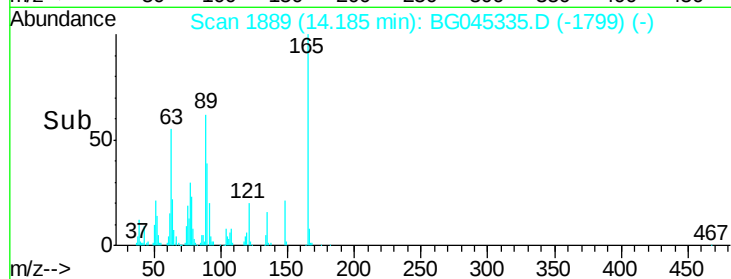
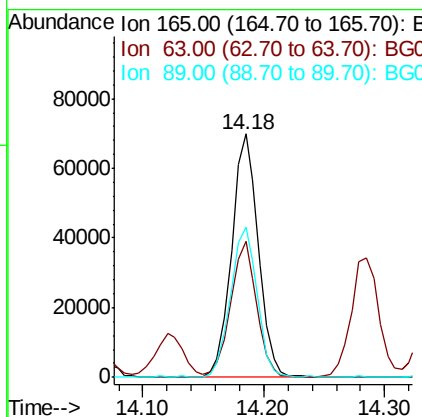
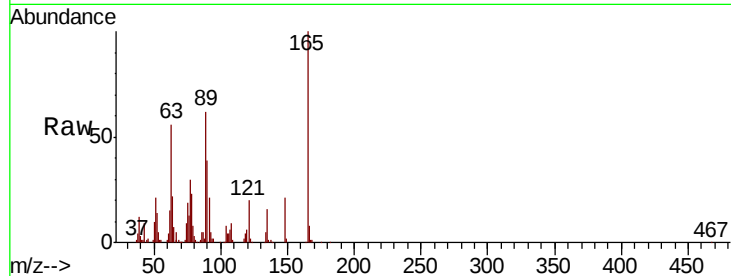
#51  
 2,6-Dinitrotoluene  
 Concen: 32.890 ng  
 RT: 14.18 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128809BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 107196 |       |       |
| 63      | 55.9  |        | 40.4  | 60.6  |
| 89      | 61.7  |        | 49.1  | 73.7  |

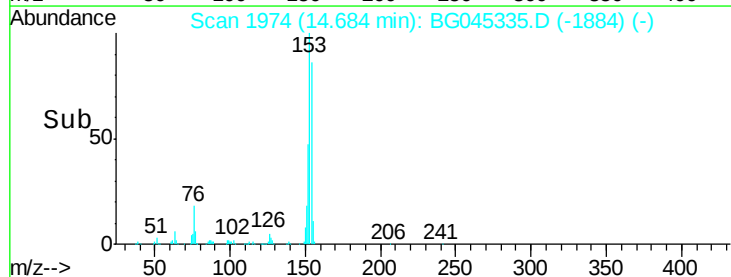
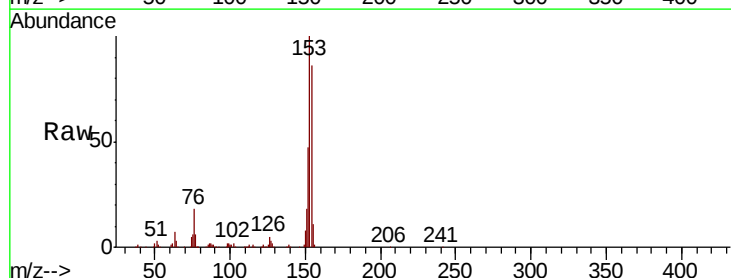
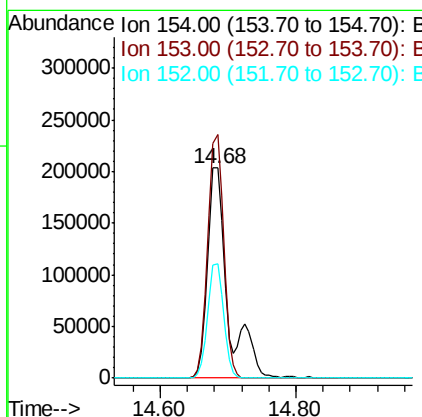
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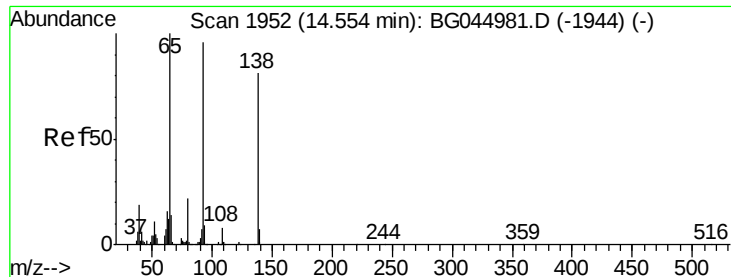
mohammad  
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#52  
 Acenaphthene  
 Concen: 36.540 ng m  
 RT: 14.68 min Scan# 1974  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 418545 |       |       |
| 153     | 115.8 |        | 89.7  | 134.5 |
| 152     | 54.3  |        | 43.1  | 64.7  |





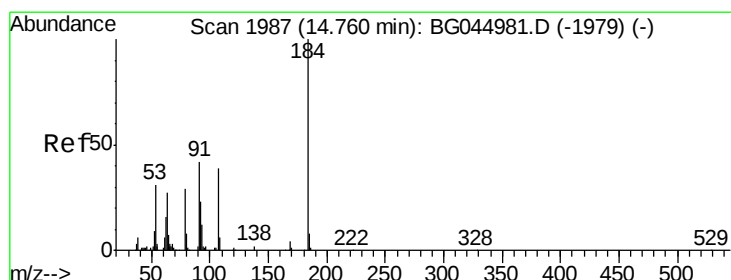
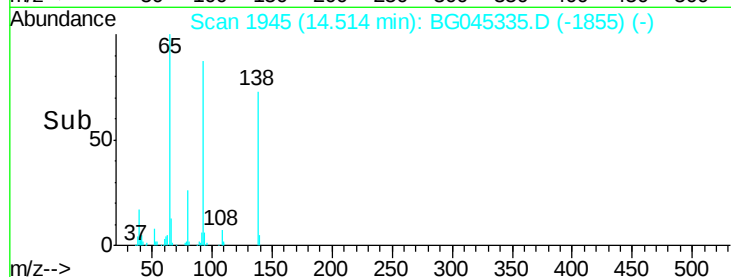
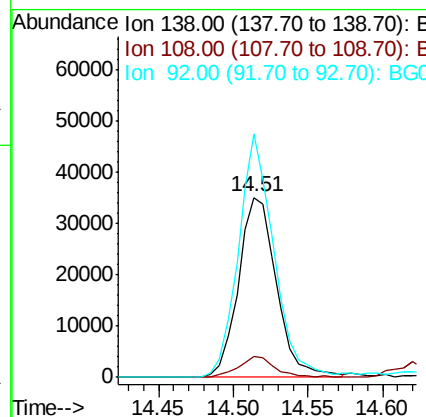
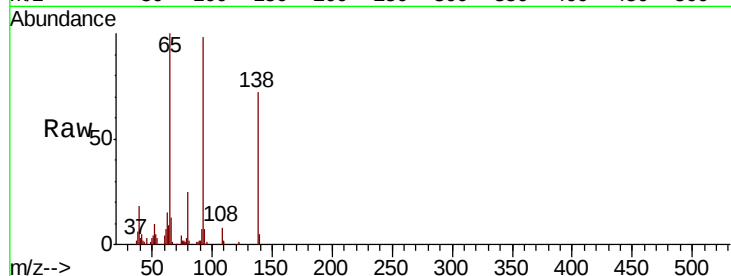
#53  
 3-Nitroaniline  
 Concen: 17.329 ng  
 RT: 14.51 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.6  | 7.8   | 11.8  |
| 92      | 135.5 | 94.5  | 141.7 |

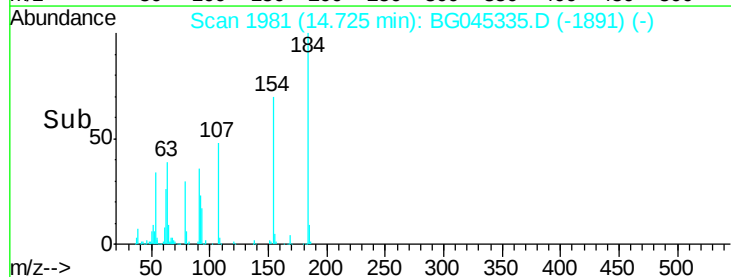
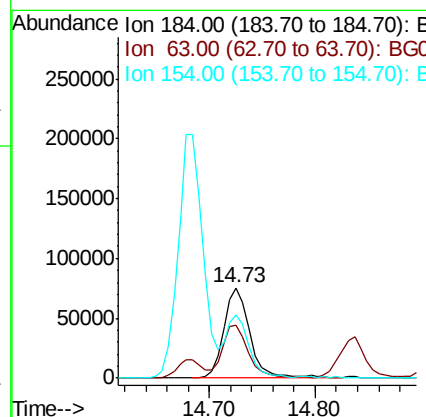
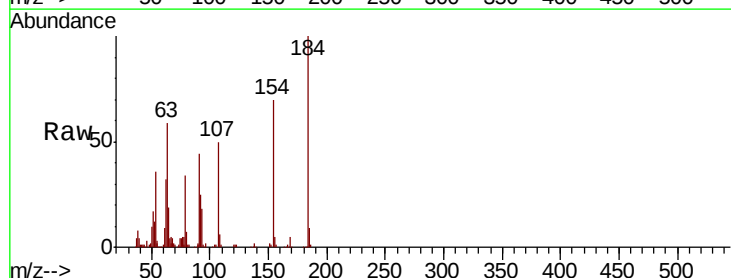
Manual Integrations  
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#54  
 2,4-Dinitrophenol  
 Concen: 66.937 ng  
 RT: 14.73 min Scan# 1981  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 58.7  | 41.5  | 62.3  |
| 154     | 70.1  | 52.3  | 78.5  |





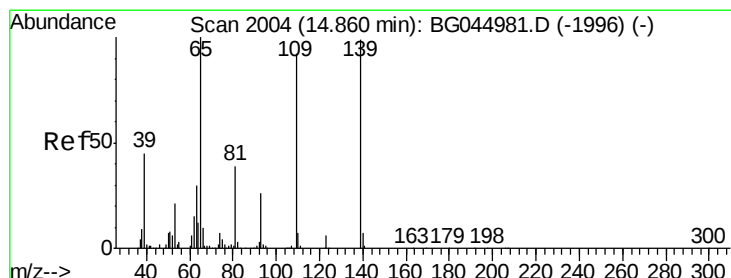
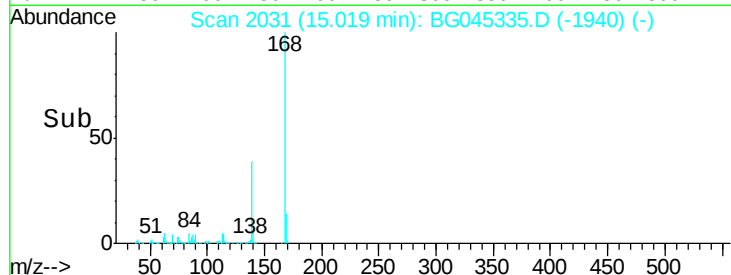
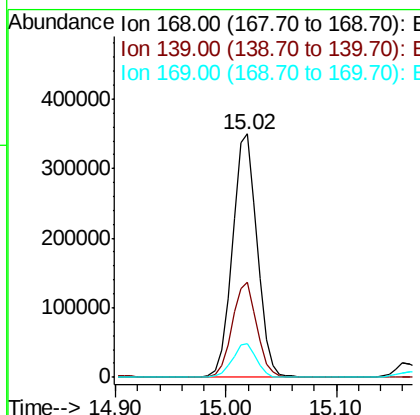
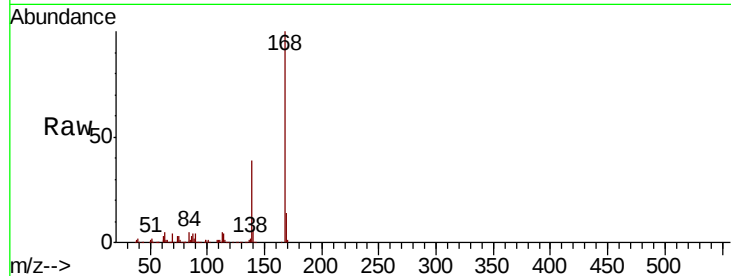
#55  
Dibenzenofuran  
Concen: 32.953 ng  
RT: 15.02 min Scan# 2031  
Delta R.T. 0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.9  | 30.4  | 45.6  |
| 169     | 13.8  | 11.0  | 16.4  |

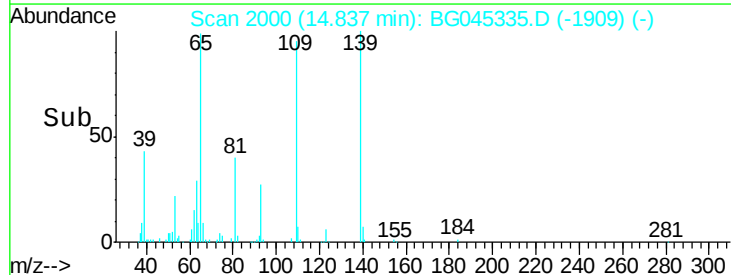
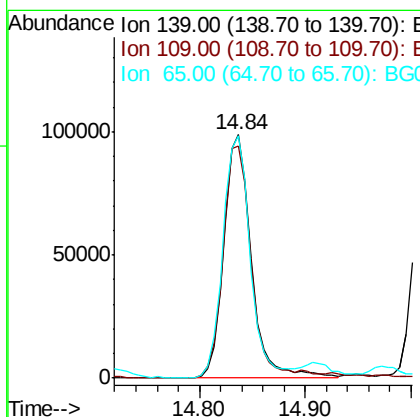
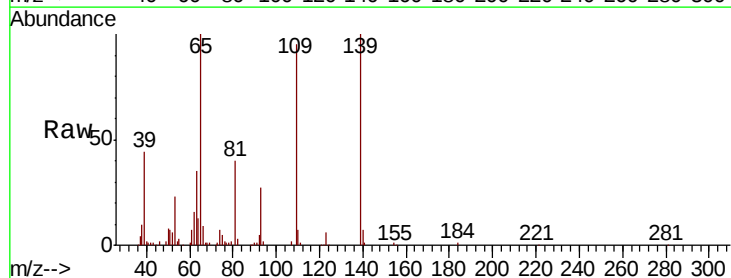
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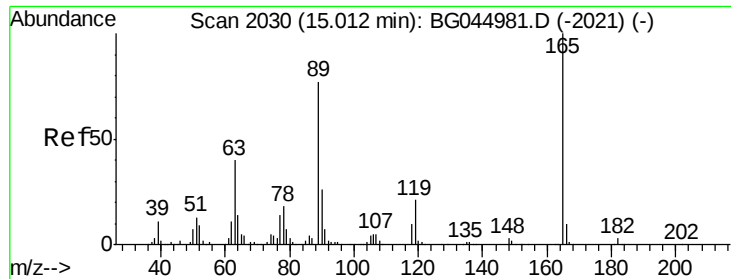
mohammad  
5/14/2020 8:37:15 AM



#56  
4-Nitrophenol  
Concen: 64.265 ng  
RT: 14.84 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 95.3  | 73.6  | 113.6 |
| 65      | 99.7  | 81.2  | 121.2 |





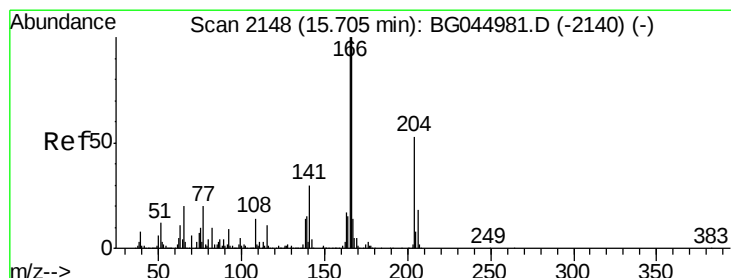
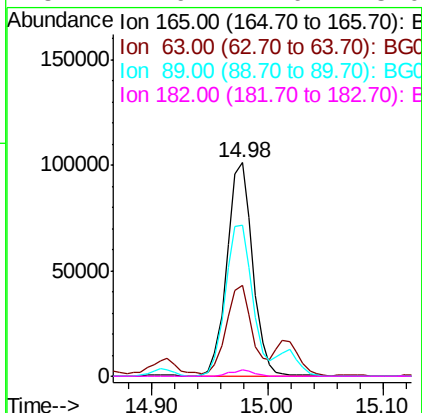
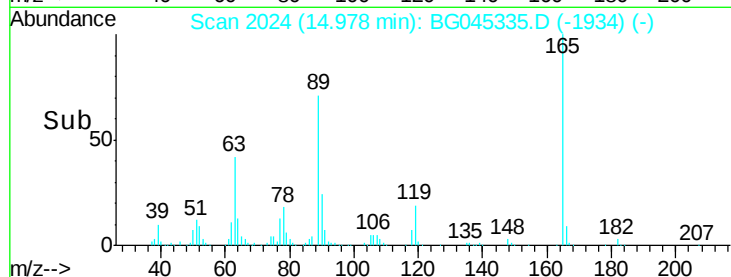
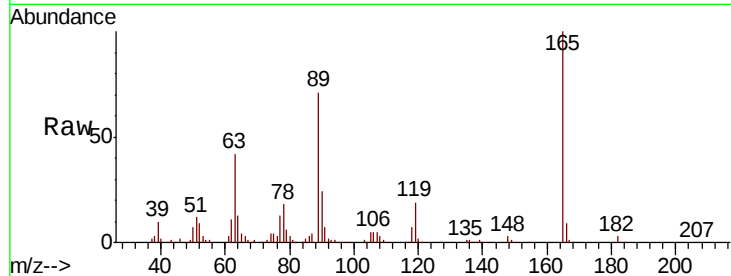
#57  
2,4-Dinitrotoluene  
Concen: 32.753 ng  
RT: 14.98 min Scan# 2024  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 156006 |       |       |
| 63      | 42.4  |        | 32.2  | 48.2  |
| 89      | 70.9  |        | 61.7  | 92.5  |
| 182     | 2.9   |        | 2.0   | 3.0   |

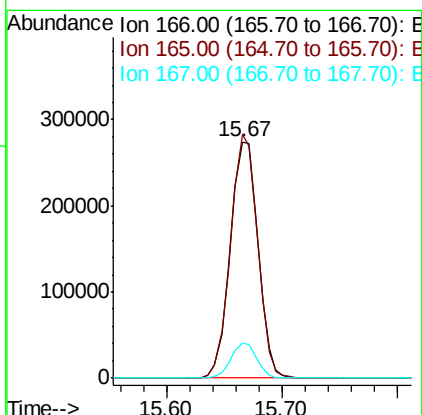
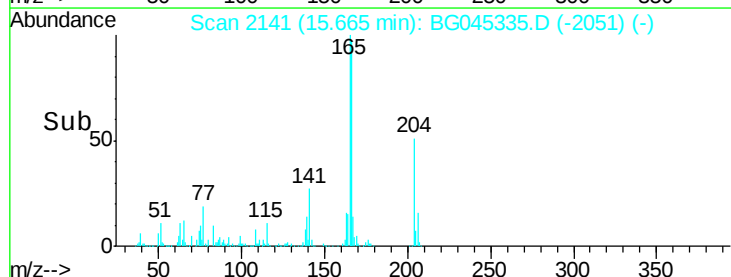
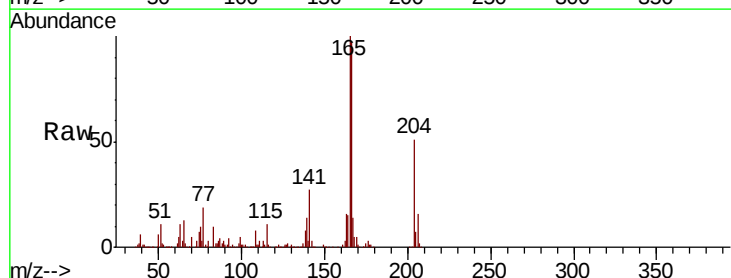
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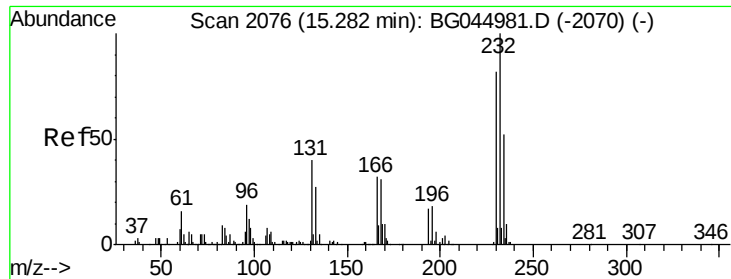
mohammad  
5/14/2020 8:37:15 AM



#58  
Fluorene  
Concen: 33.580 ng  
RT: 15.67 min Scan# 2141  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 458052 |       |       |
| 165     | 103.2 |        | 79.9  | 119.9 |
| 167     | 14.8  |        | 11.4  | 17.0  |





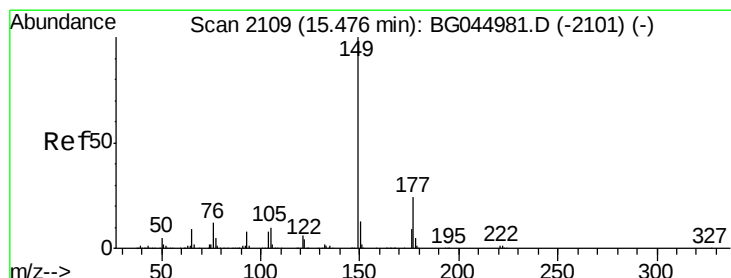
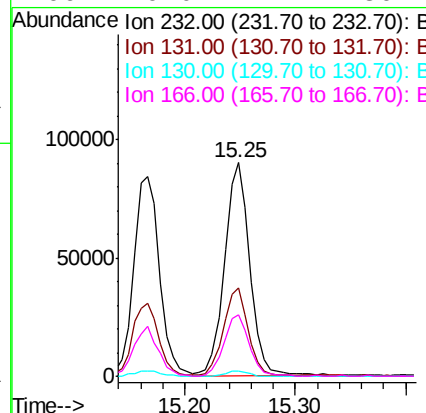
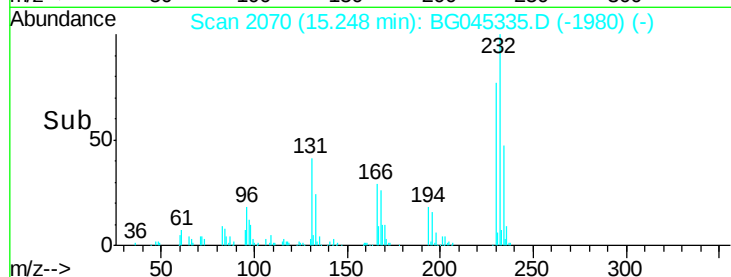
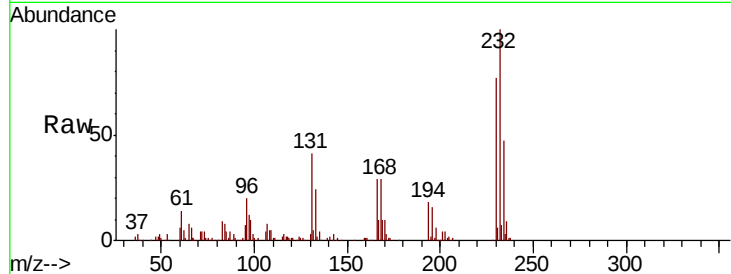
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 34.794 ng  
 RT: 15.25 min Scan# 2070  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128809BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 143306 |       |       |
| 131     | 40.2  | 32.2   | 48.2  |       |
| 130     | 2.3   | 2.2    | 3.2   |       |
| 166     | 29.0  | 24.2   | 36.4  |       |

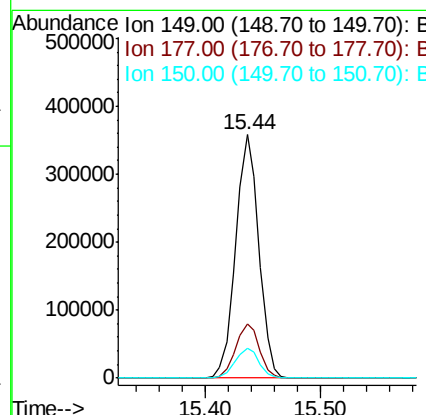
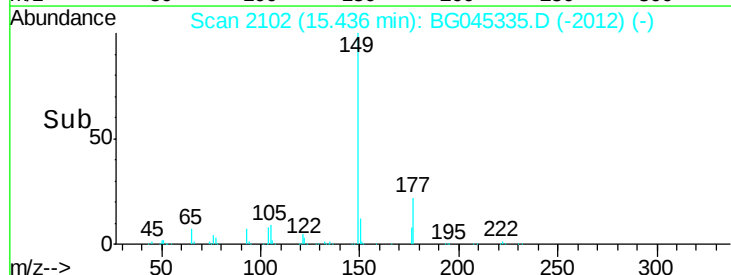
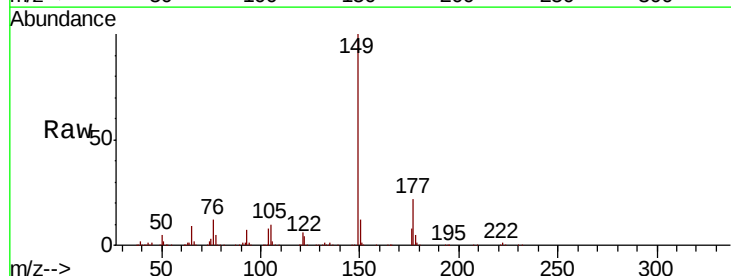
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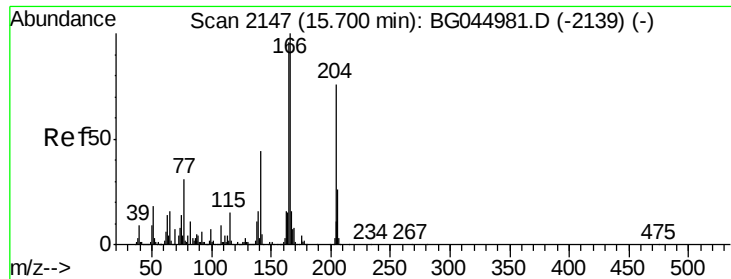
mohammad  
 5/14/2020 8:37:15 AM



#60  
 Diethylphthalate  
 Concen: 32.532 ng  
 RT: 15.44 min Scan# 2102  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 494243 |       |       |
| 177     | 22.4  | 18.9   | 28.3  |       |
| 150     | 12.3  | 10.6   | 15.8  |       |





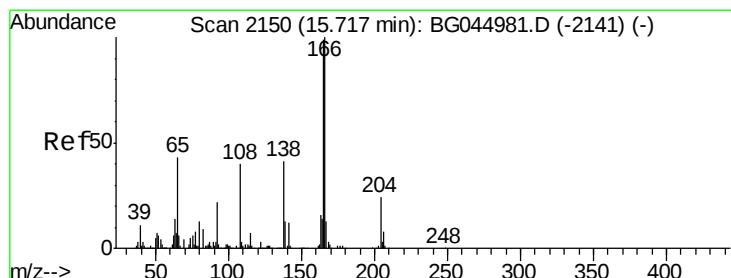
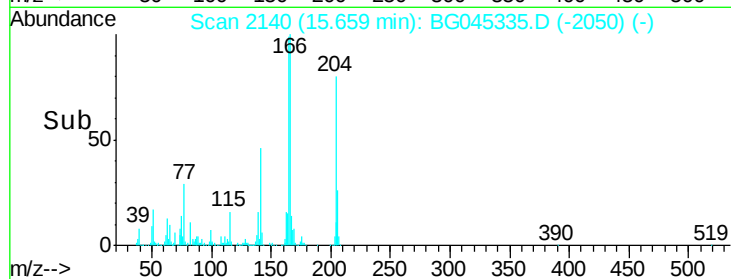
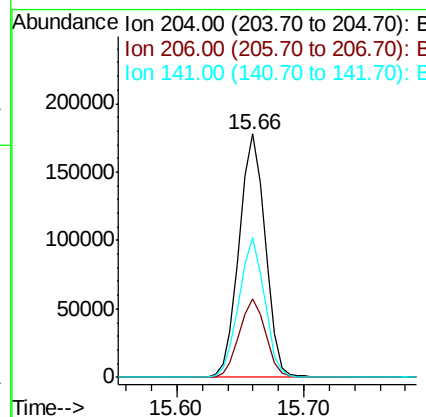
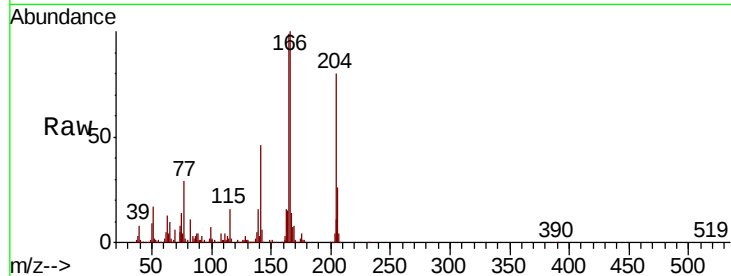
#61  
4-Chlorophenyl-phenylether  
Concen: 32.226 ng  
RT: 15.66 min Scan# 2140  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 32.4  | 26.9 | 40.3  |       |
| 141     | 57.6  | 46.3 | 69.5  |       |

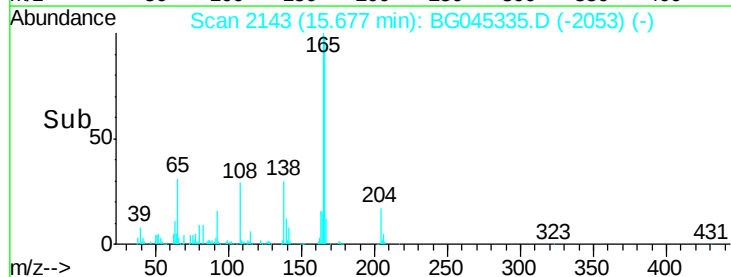
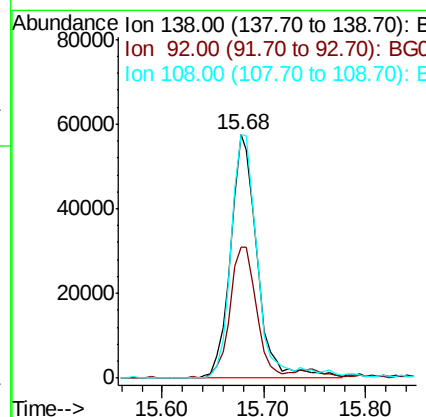
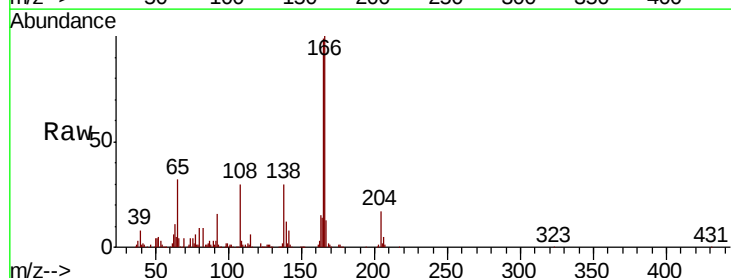
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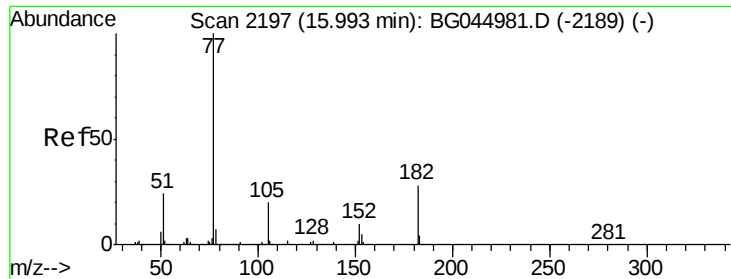
mohammad  
5/14/2020 8:37:15 AM



#62  
4-Nitroaniline  
Concen: 28.189 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 53.9  | 33.6 | 73.6  |       |
| 108     | 100.2 | 78.2 | 118.2 |       |





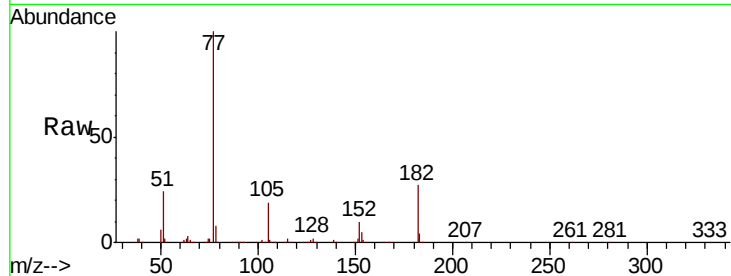
#63  
Azobenzene  
Concen: 33.152 ng  
RT: 15.95 min Scan# 2190  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

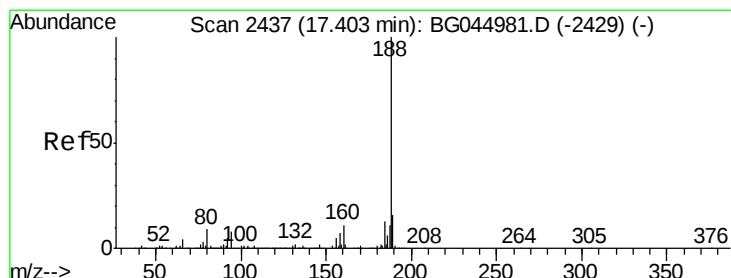
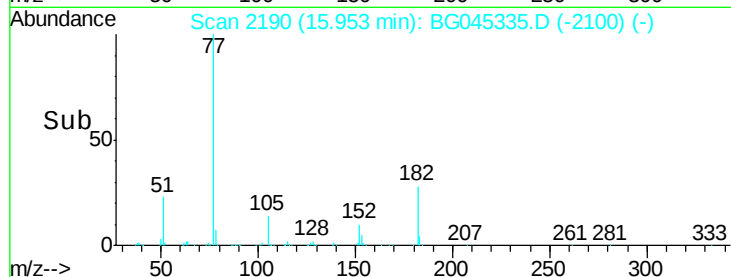
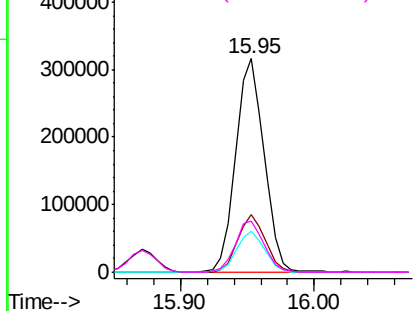
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 464351 |       |       |
| 182     | 27.2  | 8.4    | 48.4  |       |
| 105     | 19.0  | 0.5    | 40.5  |       |
| 51      | 23.9  | 4.4    | 44.4  |       |

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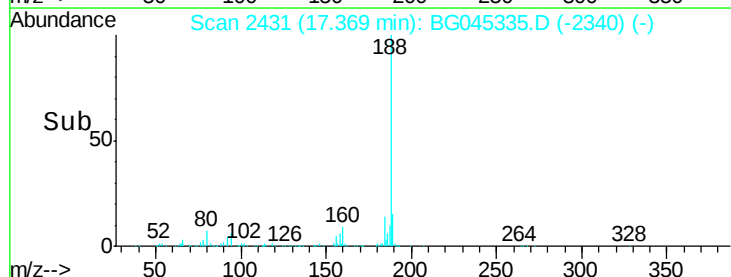
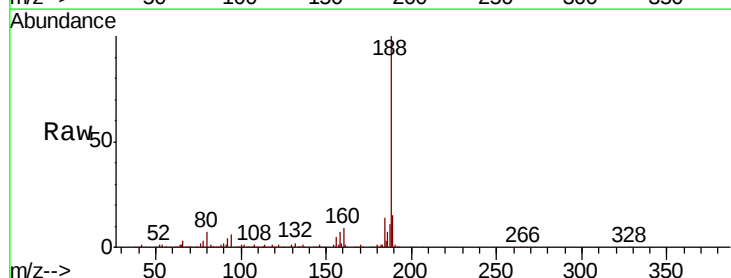
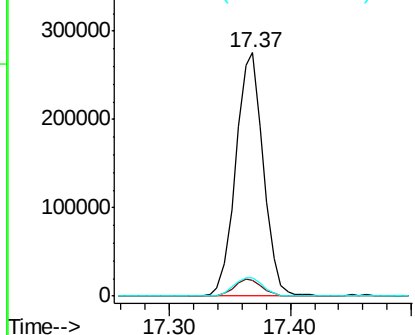
Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

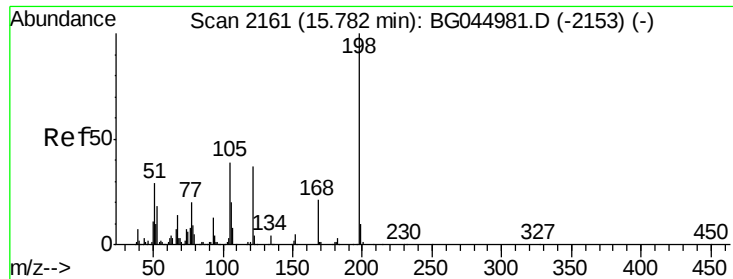


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.37 min Scan# 2431  
Delta R.T. 0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 437292 |       |       |
| 94      | 6.5   | 6.2    | 9.4   |       |
| 80      | 7.4   | 7.0    | 10.6  |       |

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: 35.196 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

Instrument :

BNA\_G

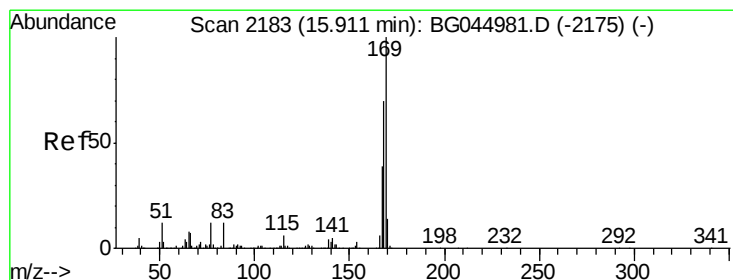
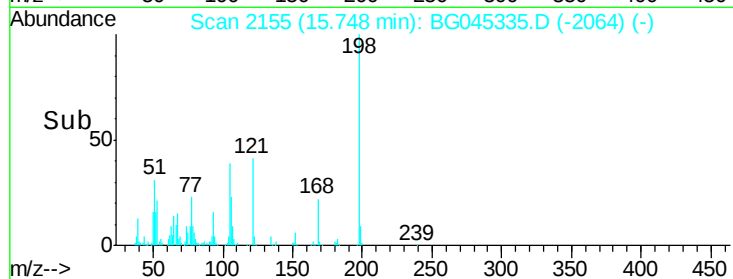
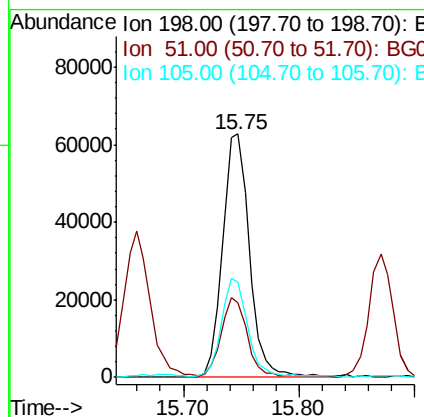
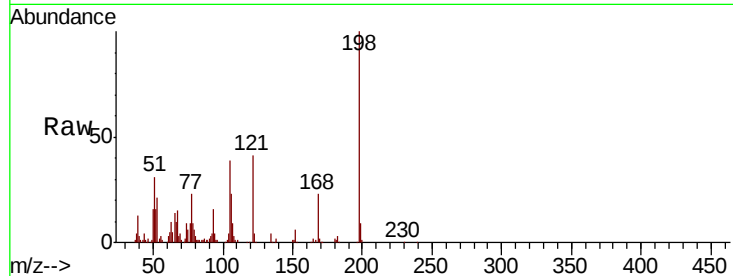
ClientSampleId :

PB128809BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 101166 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 30.9  | 10.0  | 50.0   |
| 105       | 38.8  | 18.9  | 58.9   |

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#66

n-Nitrosodiphenylamine

Concen: 33.021 ng

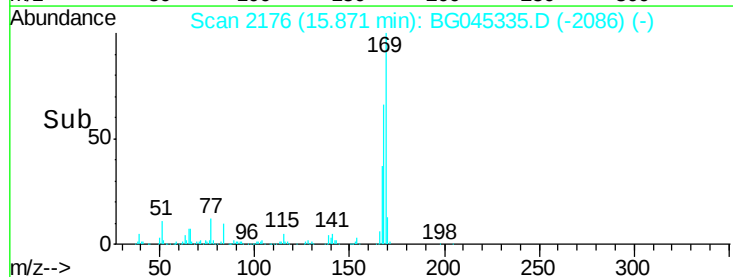
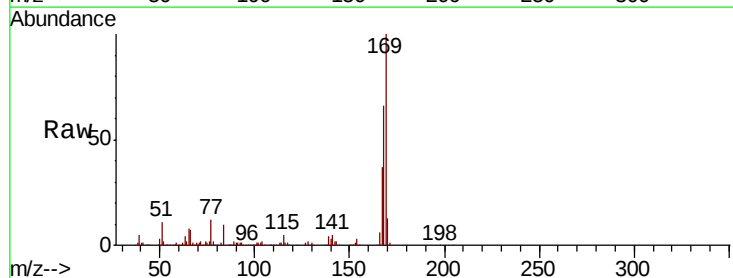
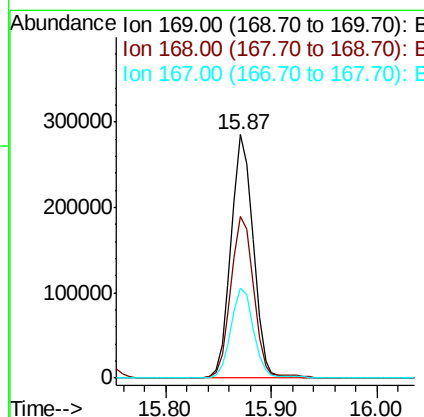
RT: 15.87 min Scan# 2176

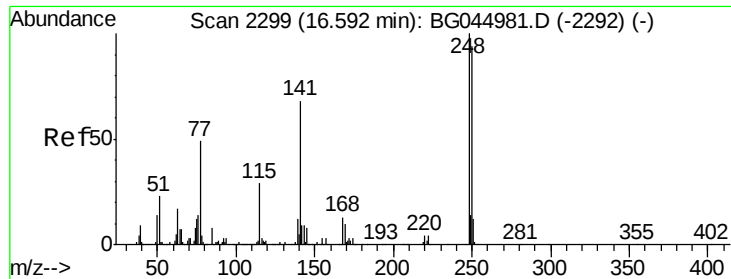
Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 414884 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.4  | 55.8  | 83.8   |
| 167       | 37.0  | 30.8  | 46.2   |





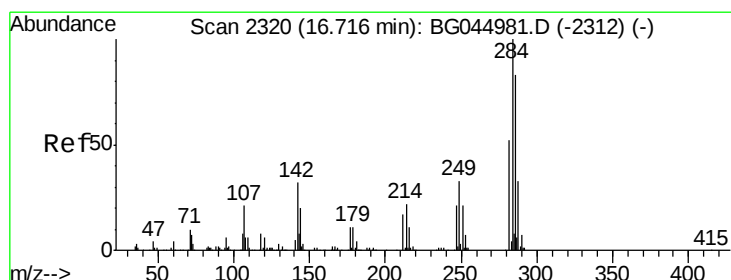
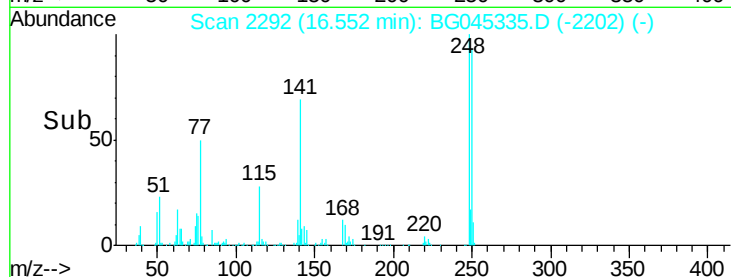
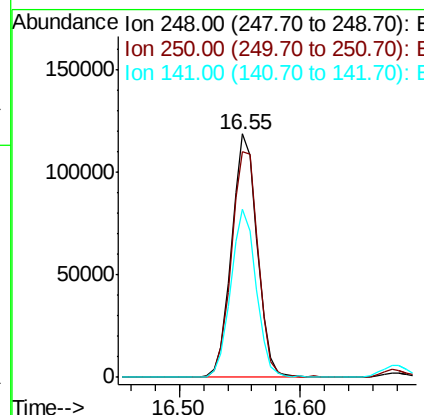
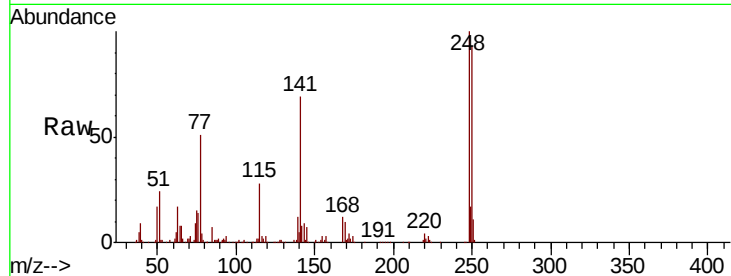
#67  
4-Bromophenyl-phenylether  
Concen: 30.949 ng  
RT: 16.55 min Scan# 2292  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 92.8  | 75.4  | 113.2 |
| 141     | 69.0  | 54.4  | 81.6  |

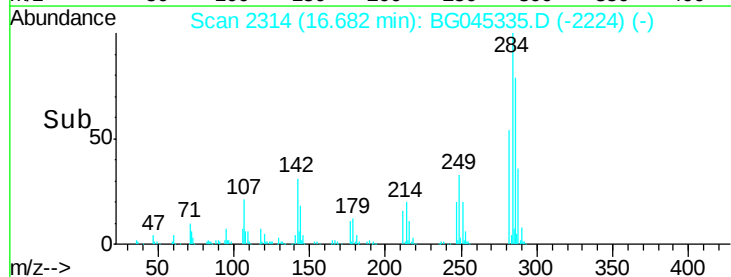
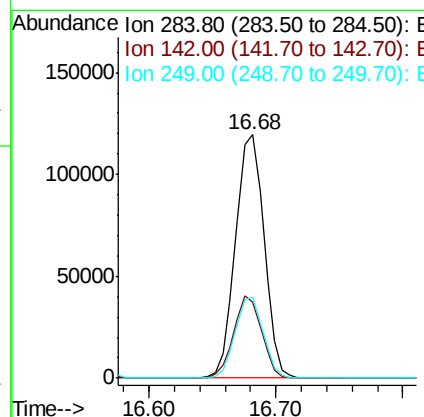
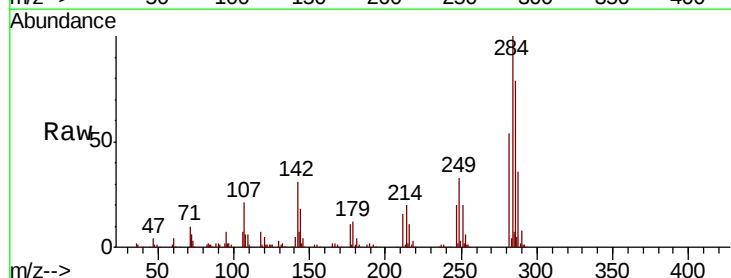
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#68  
Hexachlorobenzene  
Concen: 31.885 ng  
RT: 16.68 min Scan# 2314  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.4  | 25.8  | 38.6  |
| 249     | 33.4  | 26.6  | 39.8  |





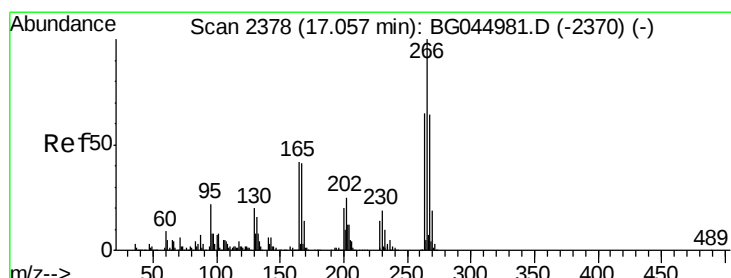
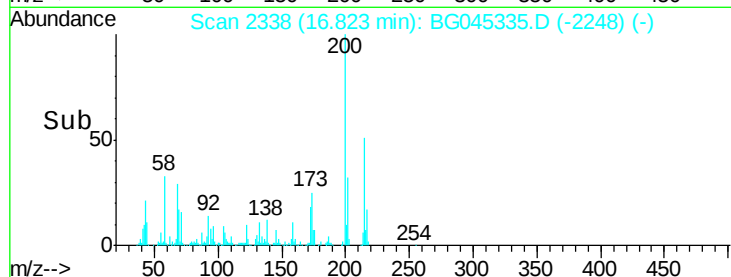
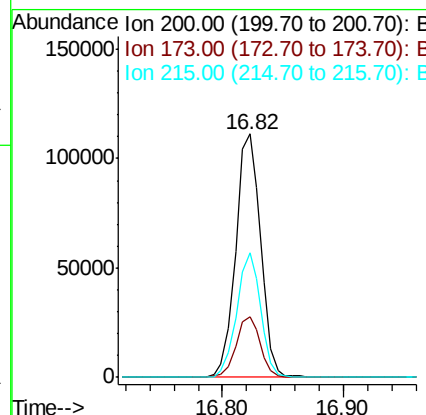
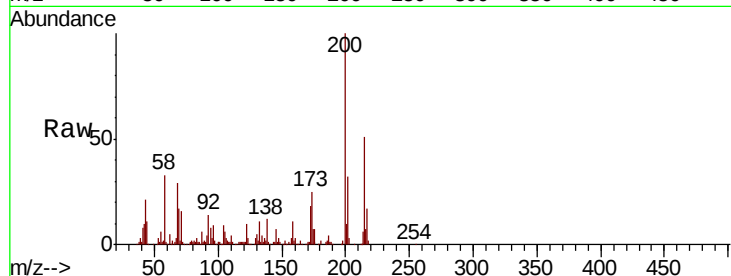
#69  
Atrazine  
Concen: 33.757 ng  
RT: 16.82 min Scan# 2338  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 160166 |       |       |
| 173     | 24.7  | 4.5    | 44.5  |       |
| 215     | 51.3  | 30.0   | 70.0  |       |

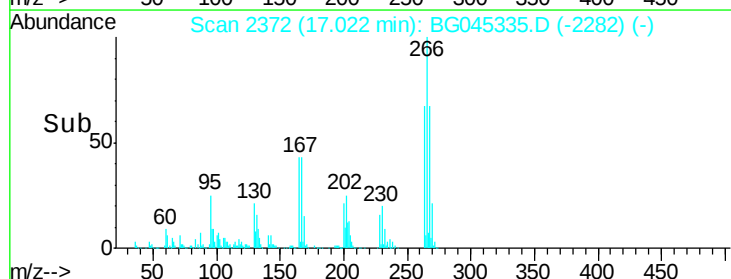
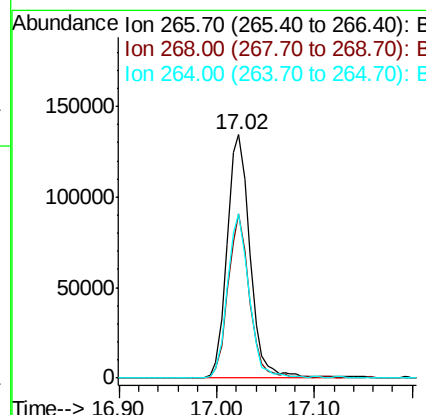
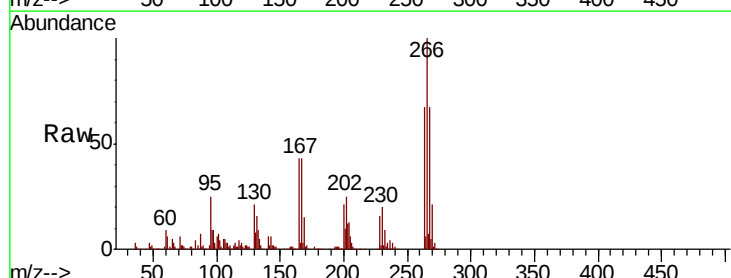
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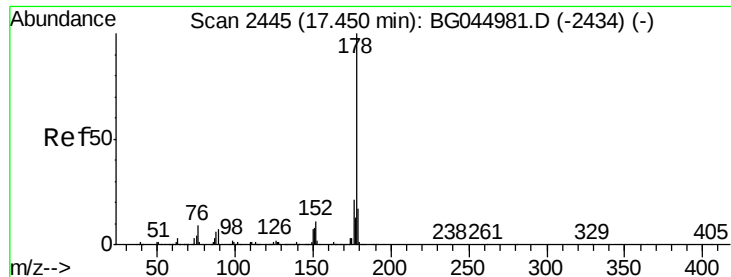
mohammad  
5/14/2020 8:37:15 AM



#70  
Pentachlorophenol  
Concen: 61.338 ng  
RT: 17.02 min Scan# 2372  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 220158 |       |       |
| 268     | 67.3  | 51.5   | 77.3  |       |
| 264     | 67.4  | 52.2   | 78.4  |       |





#71

Phenanthrene

Concen: 33.444 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

Instrument :

BNA\_G

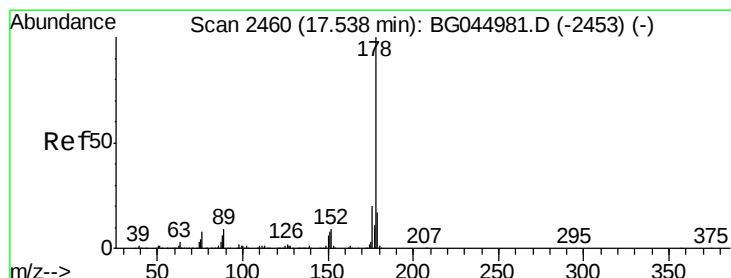
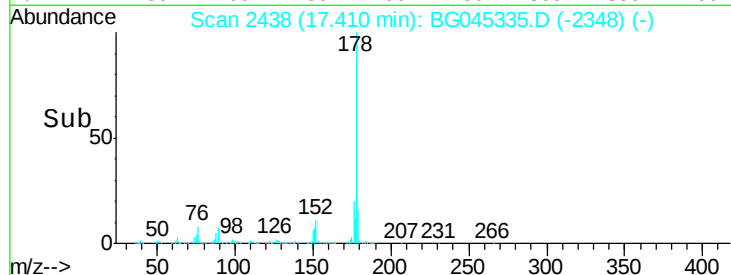
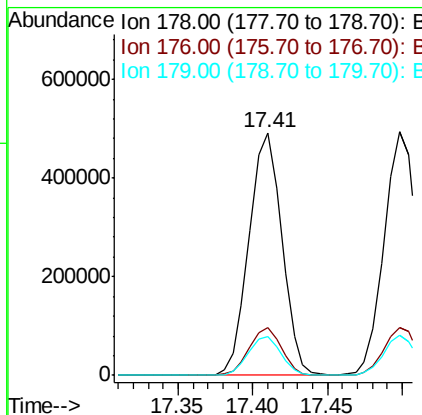
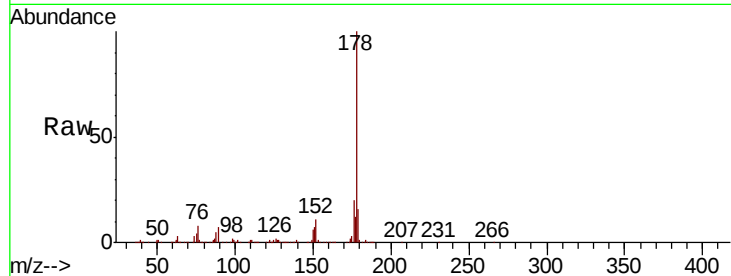
ClientSampleId :

PB128809BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 751540 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.9  | 16.8  | 25.2   |
| 179       | 16.1  | 13.2  | 19.8   |

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#72

Anthracene

Concen: 34.512 ng

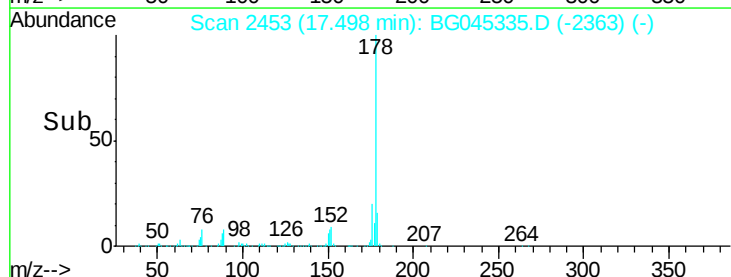
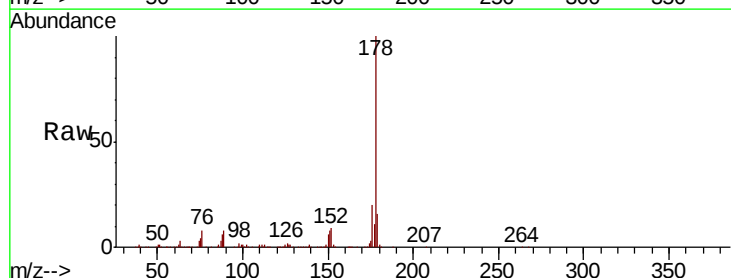
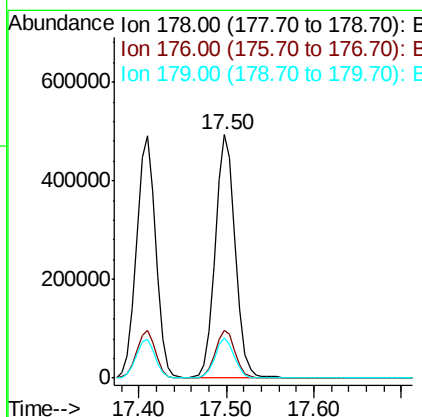
RT: 17.50 min Scan# 2453

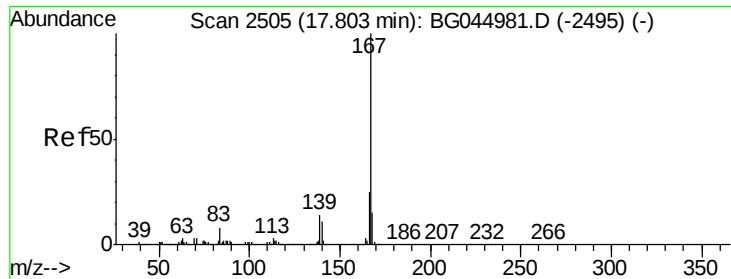
Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 777935 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.8  | 16.0  | 24.0   |
| 179       | 16.3  | 13.6  | 20.4   |





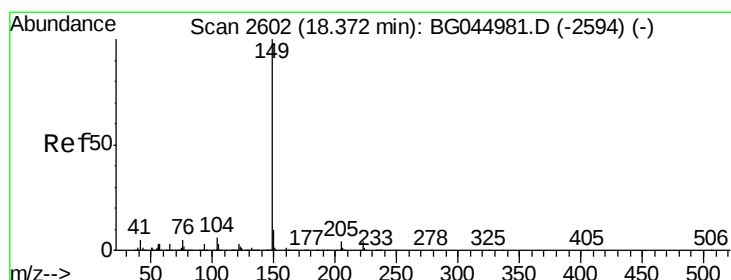
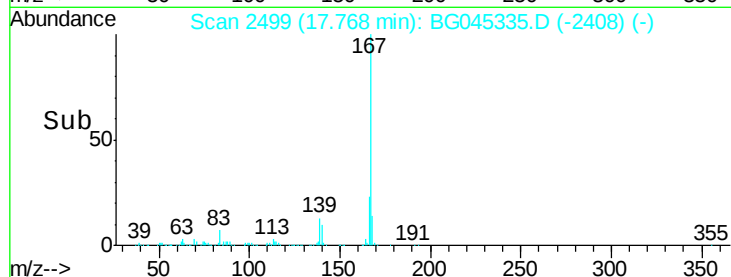
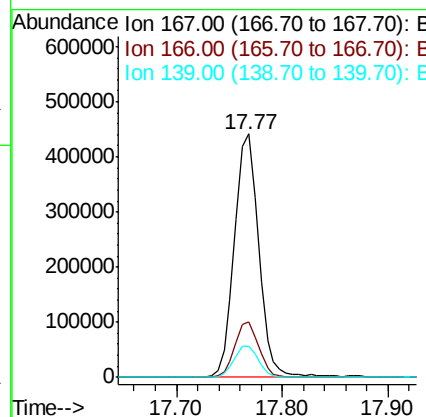
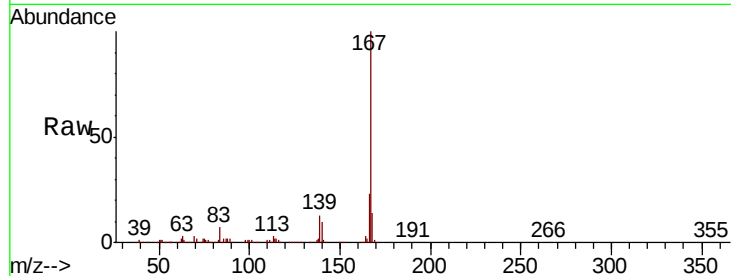
#73  
 Carbazole  
 Concen: 30.815 ng  
 RT: 17.77 min Scan# 2499  
 Delta R.T. 0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128809BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 704874 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.9  | 19.8  | 29.6   |
| 139       | 12.7  | 10.9  | 16.3   |

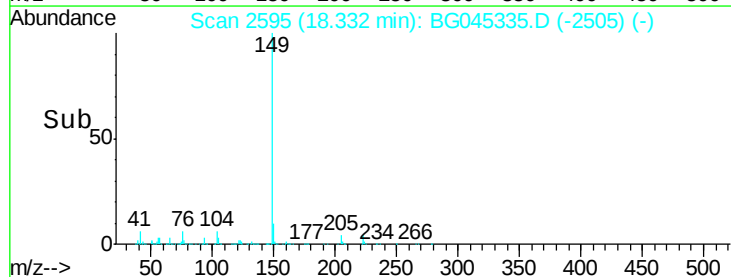
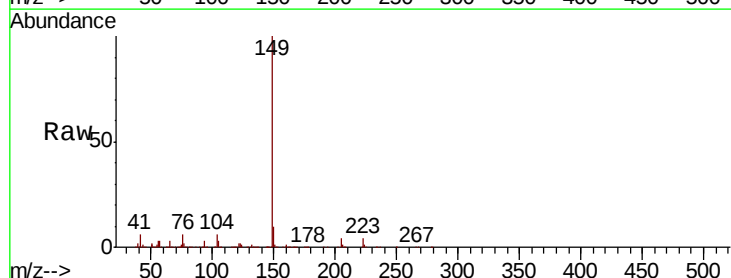
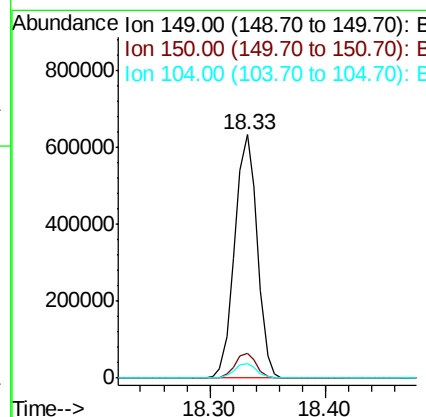
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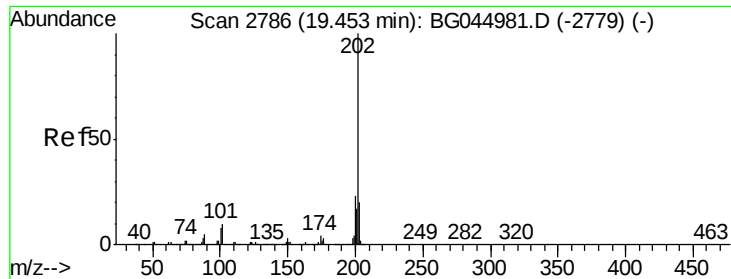
mohammad  
 5/14/2020 8:37:15 AM



#74  
 Di-n-butylphthalate  
 Concen: 32.621 ng  
 RT: 18.33 min Scan# 2595  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 853842 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.9   | 8.2   | 12.2   |
| 104       | 5.8   | 4.8   | 7.2    |





#75

Fluoranthene

Concen: 34.231 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

Instrument :

BNA\_G

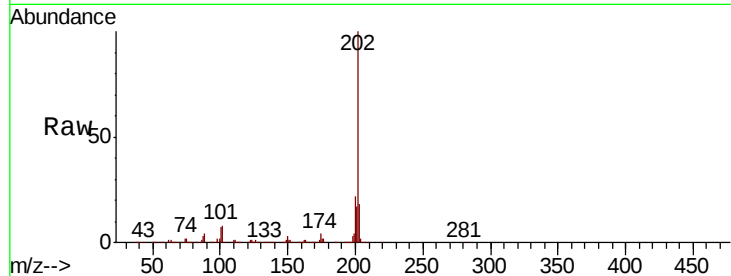
ClientSampleId :

PB128809BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 943120 |       |       |
| 101     | 8.2   | 0.0    | 29.6  |       |
| 203     | 17.8  | 0.0    | 39.7  |       |

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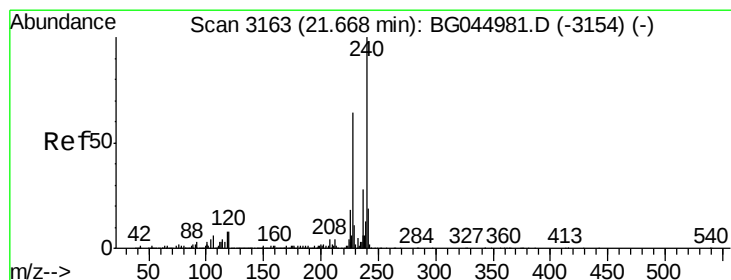
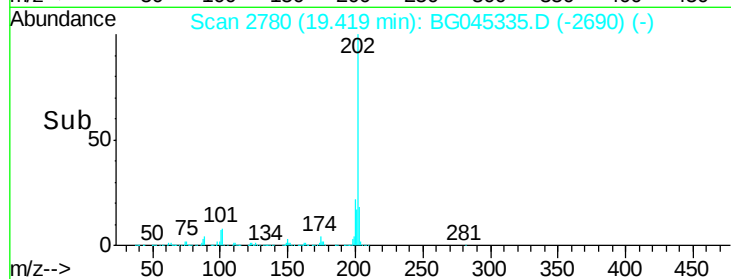
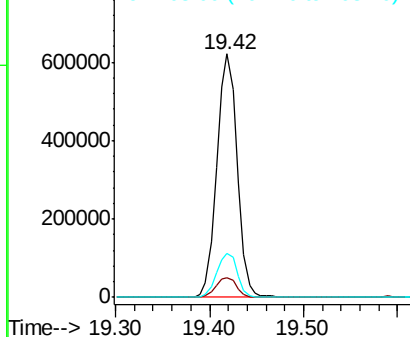


Abundance

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

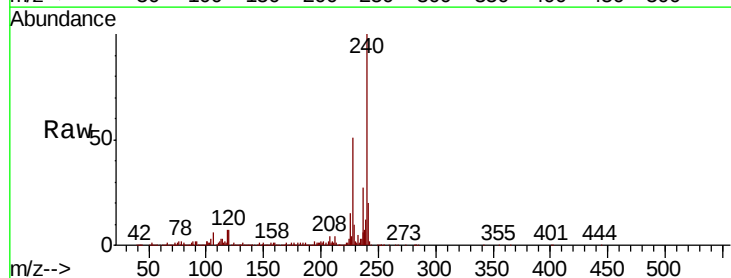
RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 400367 |       |       |
| 120     | 6.8   | 6.6    | 10.0  |       |
| 236     | 27.0  | 22.2   | 33.2  |       |

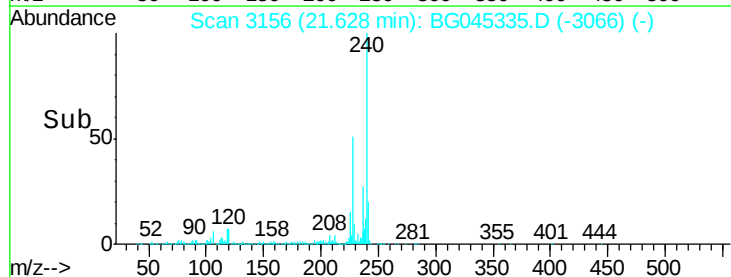
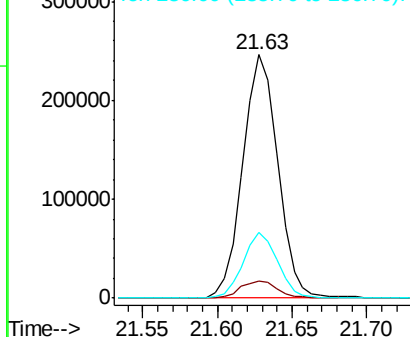


Abundance

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: 43.164 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

Instrument :

BNA\_G

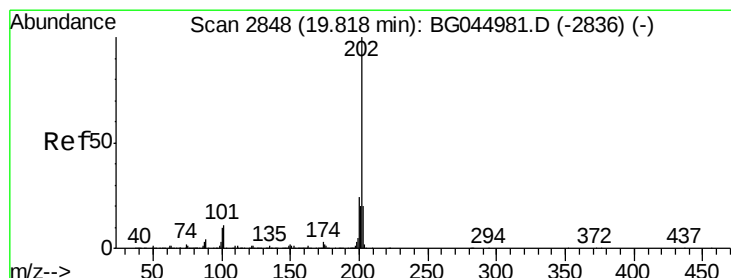
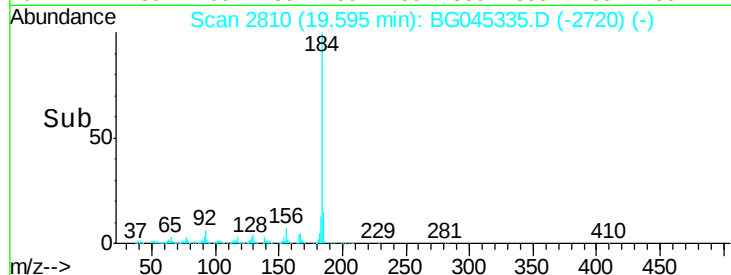
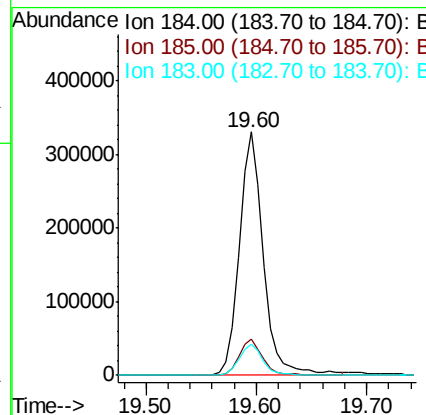
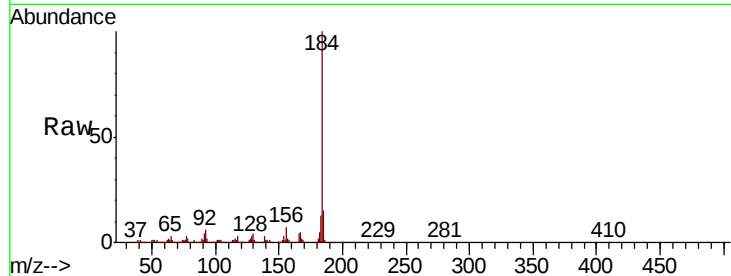
ClientSampleId :

PB128809BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 503360 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.0  | 12.6  | 19.0   |
| 183       | 12.6  | 11.3  | 16.9   |

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#78

Pyrene

Concen: 34.036 ng

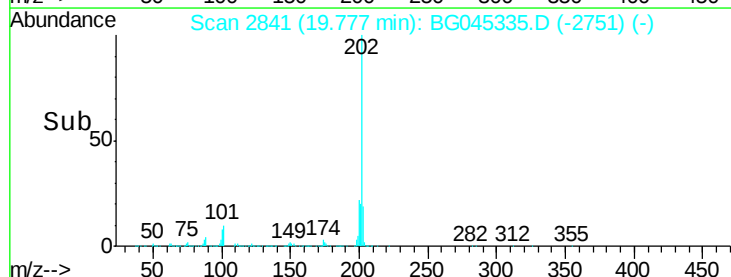
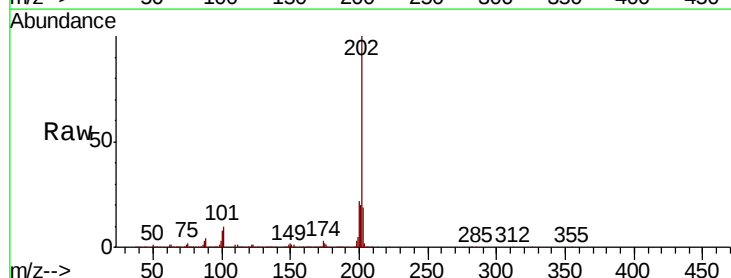
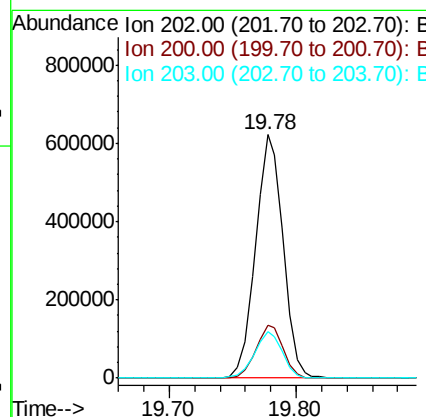
RT: 19.78 min Scan# 2841

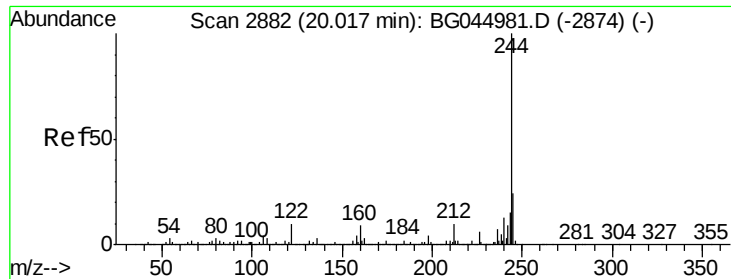
Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 939455 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.7  | 19.0  | 28.6   |
| 203       | 18.9  | 16.1  | 24.1   |





#79

Terphenyl-d14

Concen: 80.796 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

Instrument :

BNA\_G

ClientSampled :

PB128809BSD

Tot Ion:244 Resp: 1484144

Ion Ratio Lower Upper

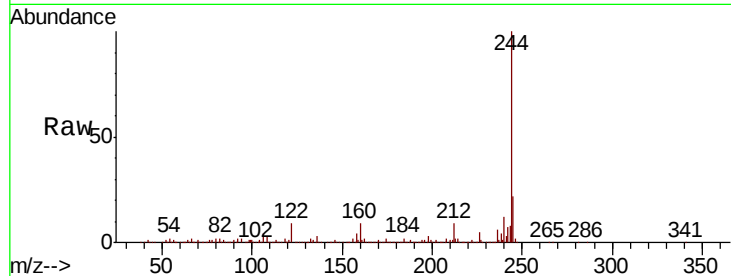
244 100

212 8.8 7.9 11.9

122 8.9 7.7 11.5

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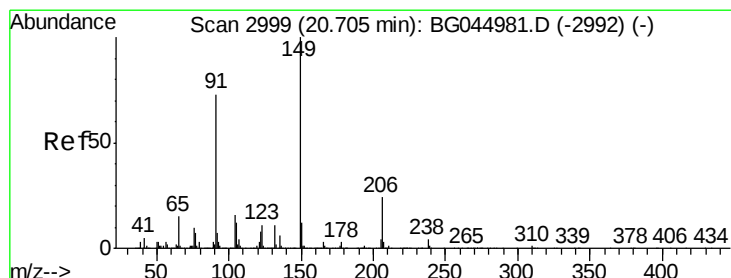
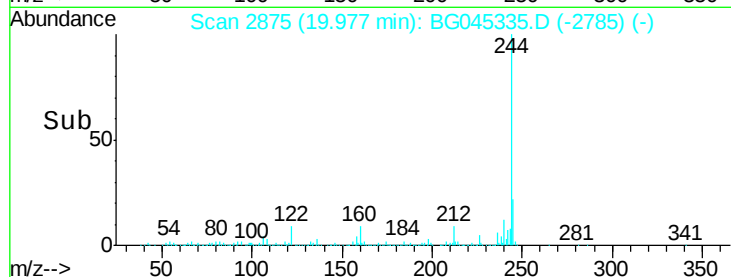
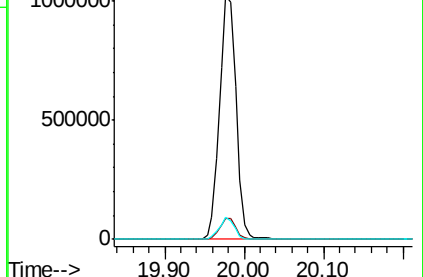
mohammad  
5/14/2020 8:37:15 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.757 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BG045335.D

Acq: 12 May 2020 19:06

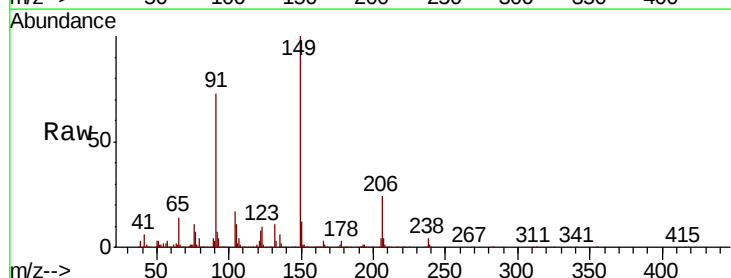
Tgt Ion:149 Resp: 374777

Ion Ratio Lower Upper

149 100

91 73.4 58.5 87.7

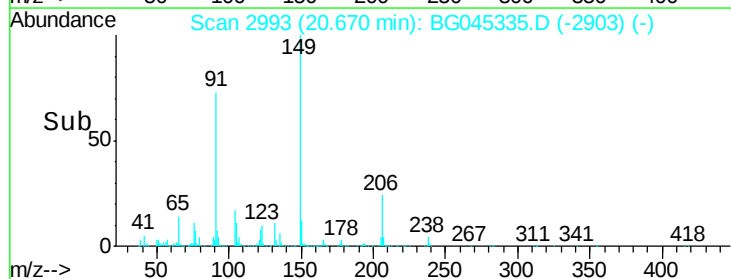
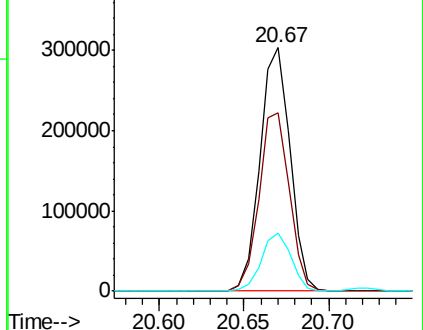
206 24.1 19.2 28.8

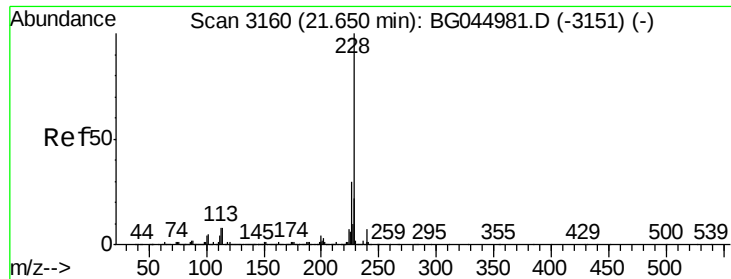


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





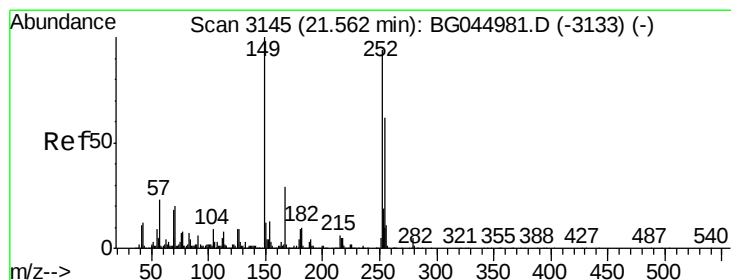
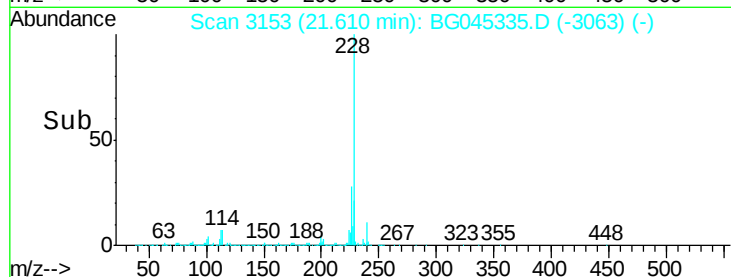
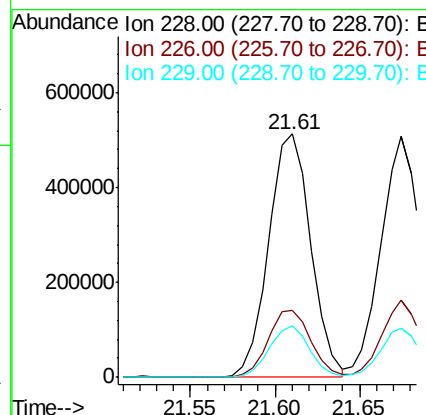
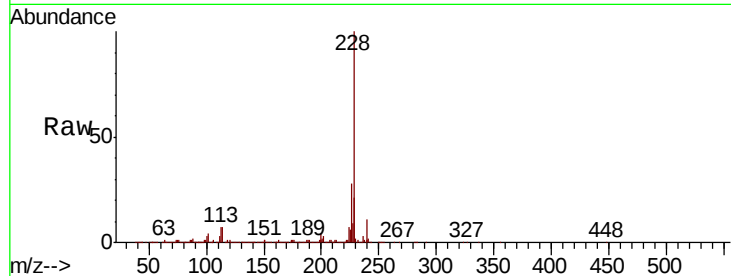
#81  
Benzo(a)anthracene  
Concen: 34.159 ng  
RT: 21.61 min Scan# 3153  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.7  | 24.0  | 36.0  |
| 229     | 21.4  | 17.5  | 26.3  |

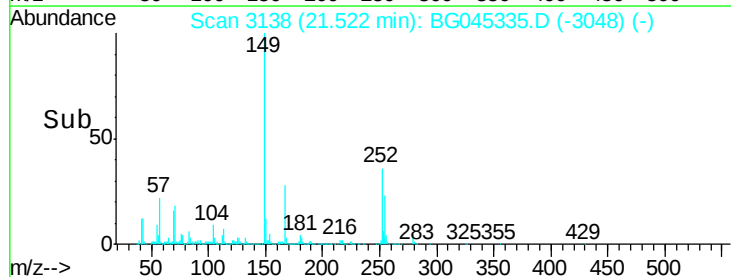
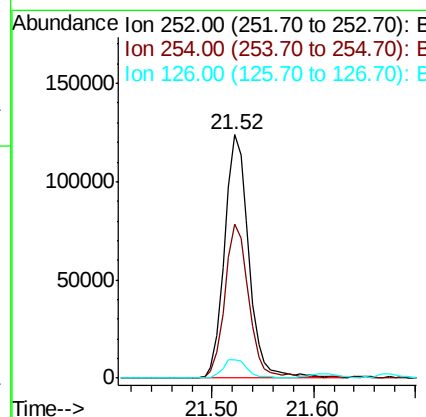
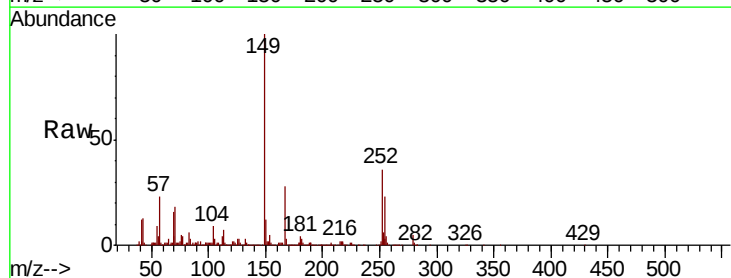
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#82  
3,3'-Dichlorobenzidine  
Concen: 19.935 ng  
RT: 21.52 min Scan# 3138  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.2  | 52.6  | 79.0  |
| 126     | 7.7   | 7.5   | 11.3  |





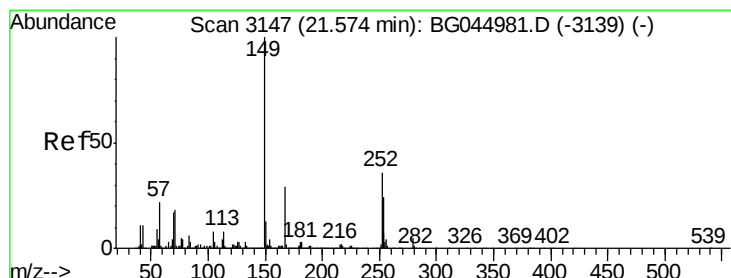
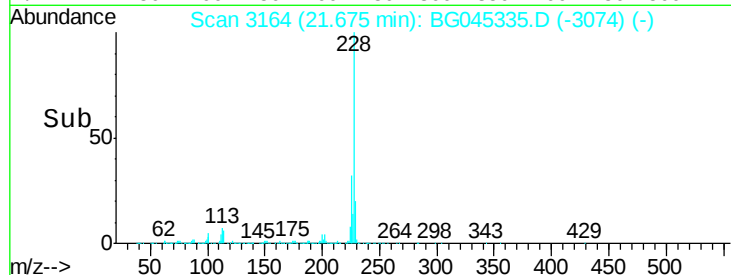
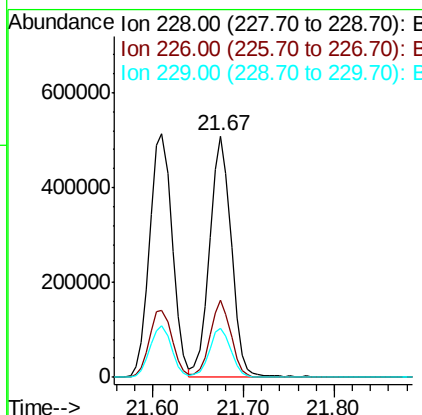
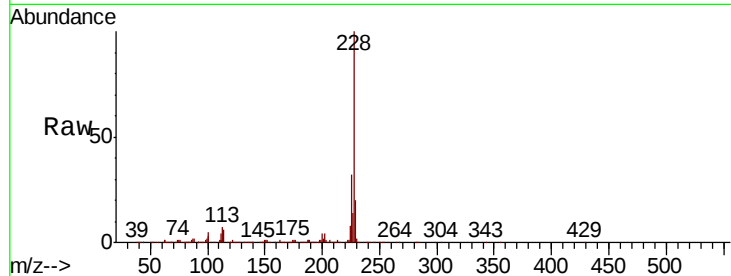
#83  
 Chrysene  
 Concen: 33.842 ng  
 RT: 21.67 min Scan# 3164  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB128809BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 843769 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.8  | 26.2  | 39.4   |
| 229       | 20.1  | 17.0  | 25.6   |

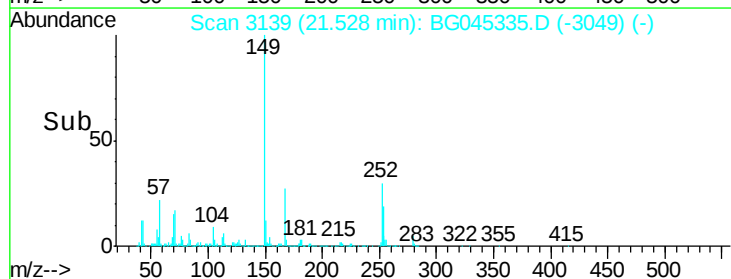
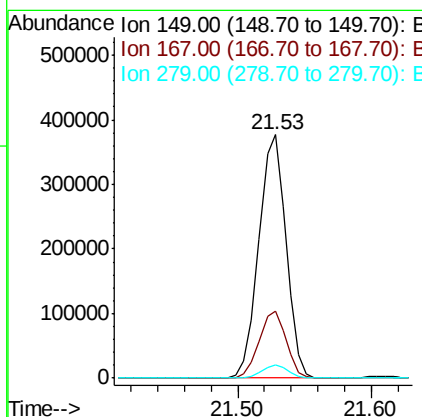
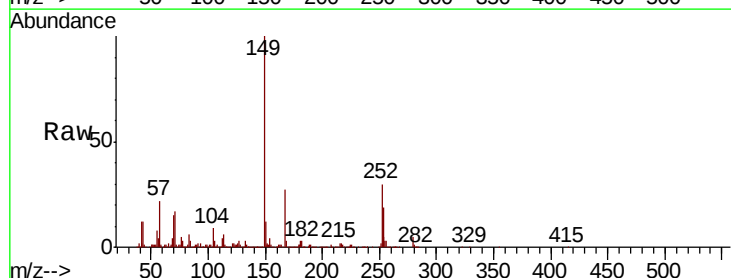
Manual Integrations  
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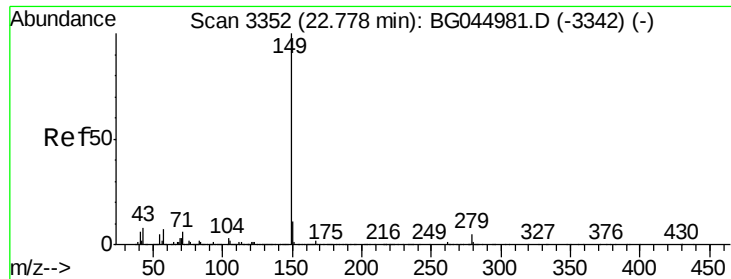
mohammad  
 5/14/2020 8:37:15 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 33.595 ng  
 RT: 21.53 min Scan# 3139  
 Delta R.T. -0.00 min  
 Lab File: BG045335.D  
 Acq: 12 May 2020 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 528631 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.3  | 23.4  | 35.0   |
| 279       | 5.3   | 4.3   | 6.5    |





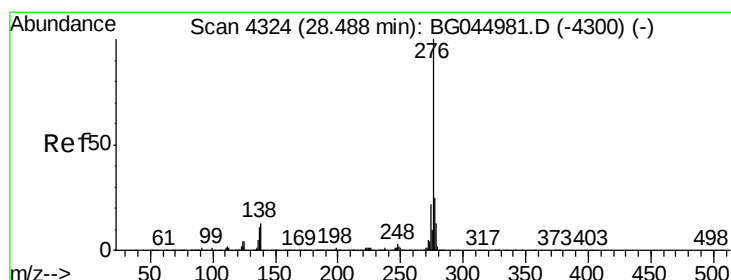
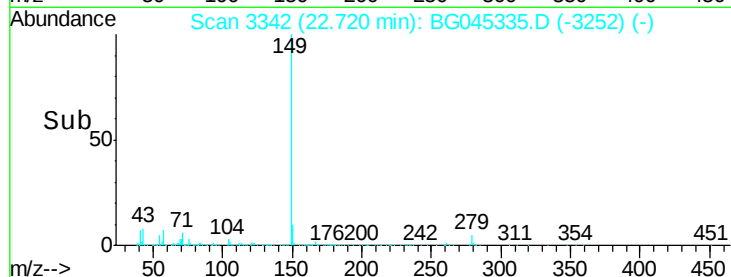
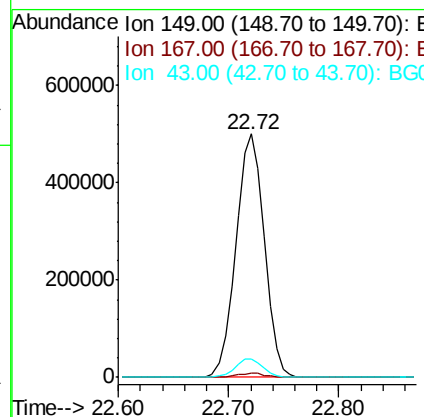
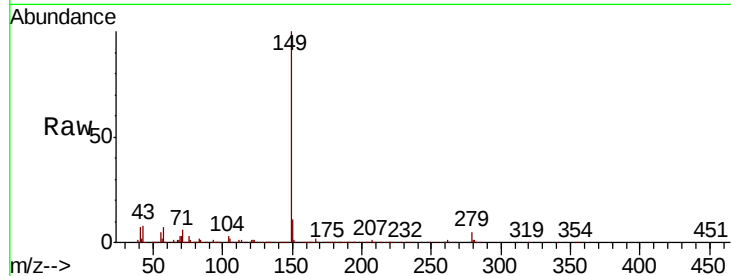
#85  
Di-n-octyl phthalate  
Concen: 33.027 ng  
RT: 22.72 min Scan# 3342  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 898690 |       |       |
| 167     | 1.6   |        | 1.4   | 2.2   |
| 43      | 7.3   |        | 5.7   | 8.5   |

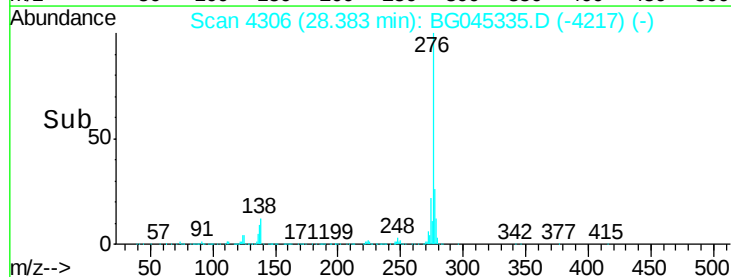
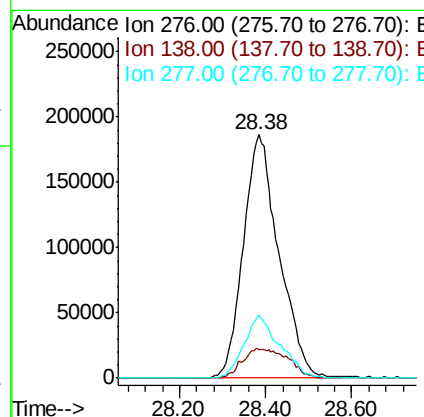
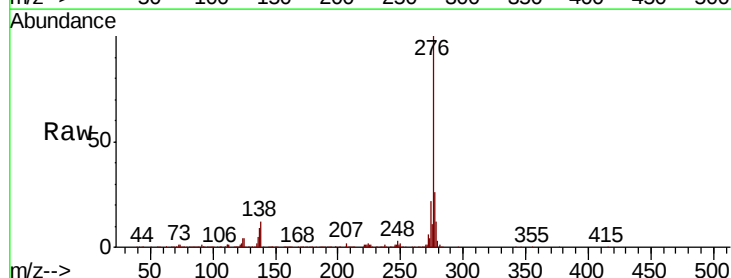
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 32.707 ng  
RT: 28.38 min Scan# 4306  
Delta R.T. -0.01 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 276     | 100   | 1082688 |       |       |
| 138     | 15.5  |         | 9.6   | 14.4# |
| 277     | 25.9  |         | 20.6  | 31.0  |





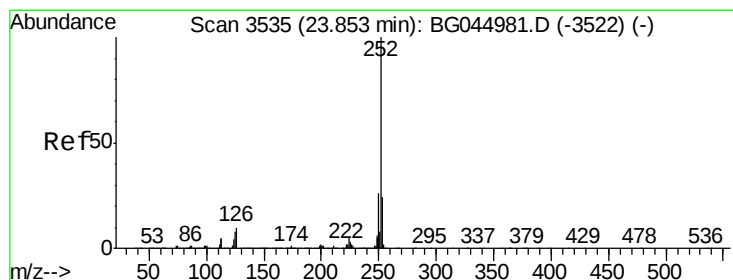
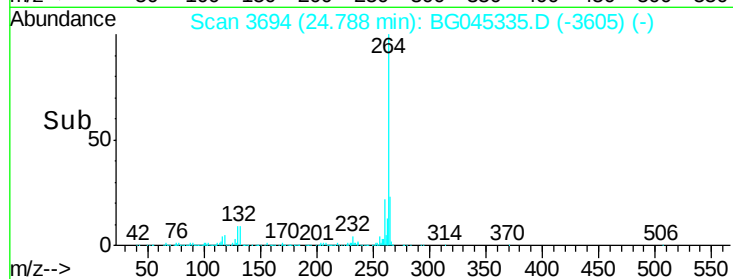
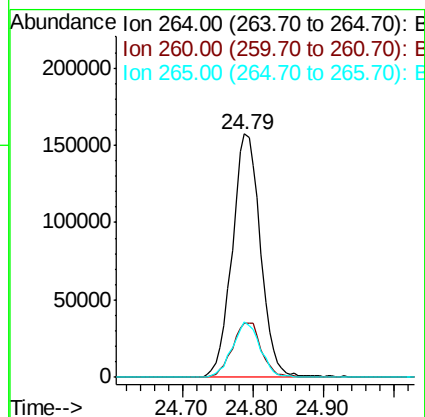
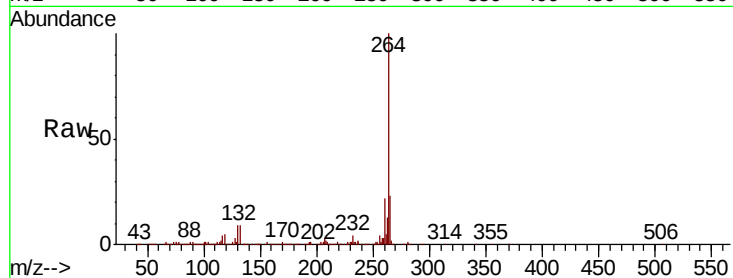
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.79 min Scan# 3694  
Delta R.T. -0.01 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 438424 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.4  | 19.2  | 28.8   |
| 265       | 22.9  | 19.0  | 28.4   |

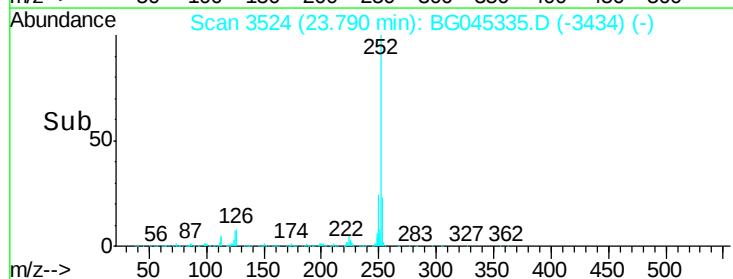
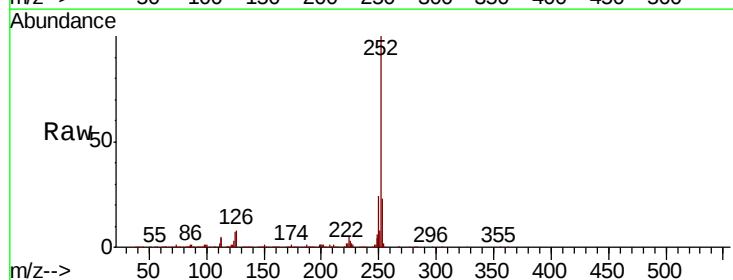
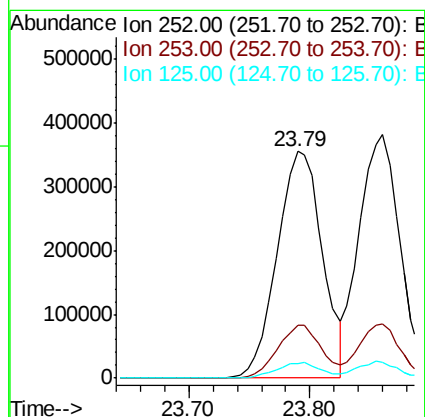
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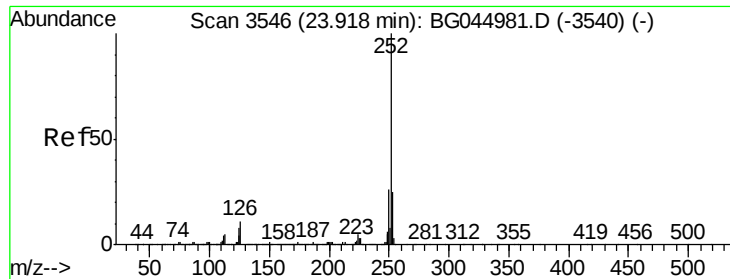
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#88  
Benzo(b)fluoranthene  
Concen: 33.599 ng  
RT: 23.79 min Scan# 3524  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 922724 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.4  | 18.8  | 28.2   |
| 125       | 6.6   | 6.2   | 9.4    |





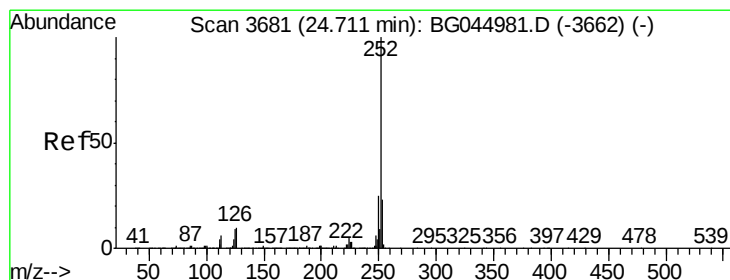
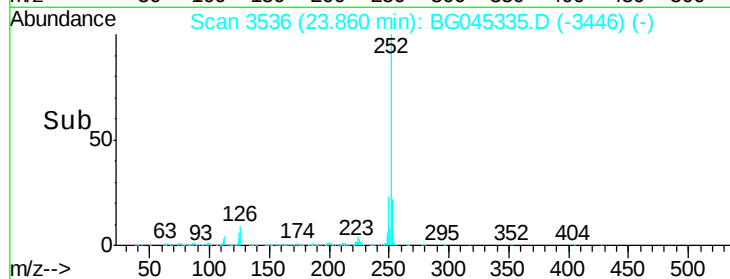
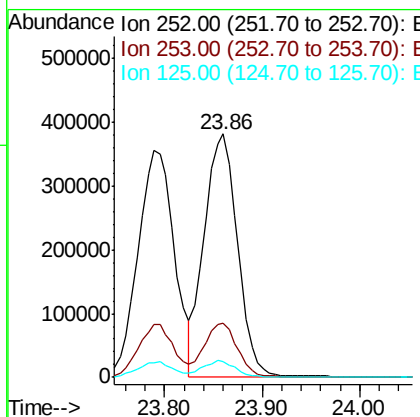
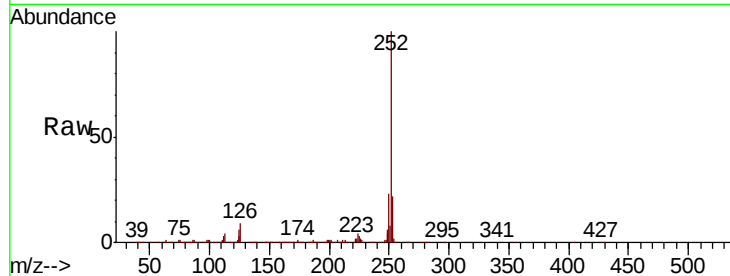
#89  
Benzo(k)fluoranthene  
Concen: 34.537 ng  
RT: 23.86 min Scan# 3536  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 19.2  | 28.8  |
| 125     | 6.3   | 5.9   | 8.9   |

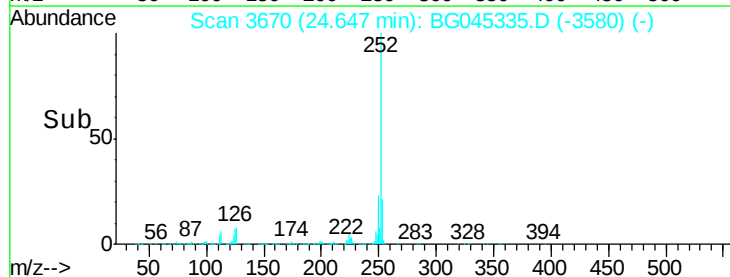
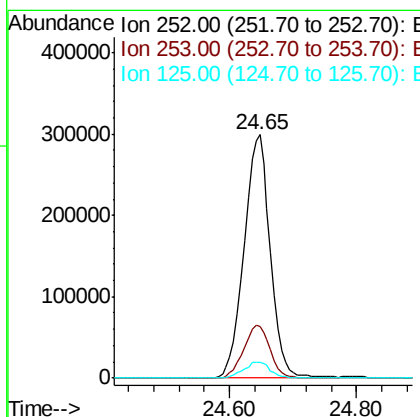
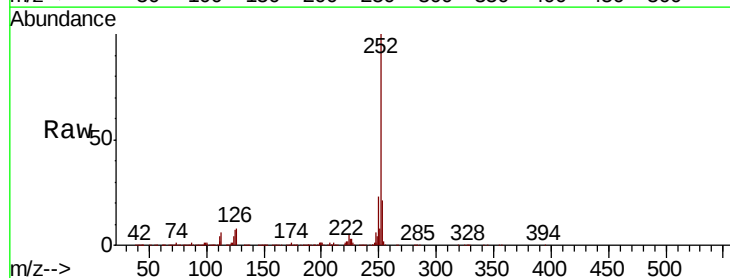
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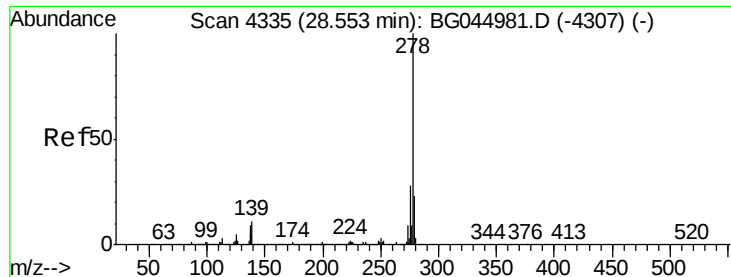
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#90  
Benzo(a)pyrene  
Concen: 33.029 ng  
RT: 24.65 min Scan# 3670  
Delta R.T. -0.00 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 18.3  | 27.5  |
| 125     | 6.6   | 7.0   | 10.6  |





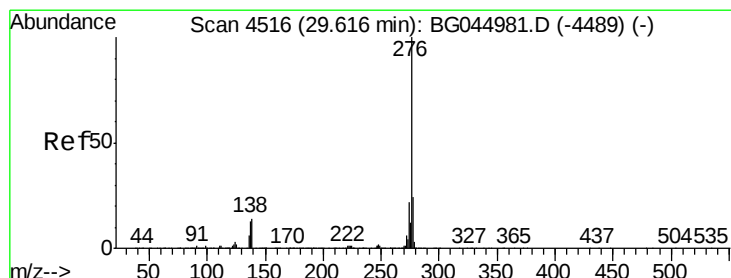
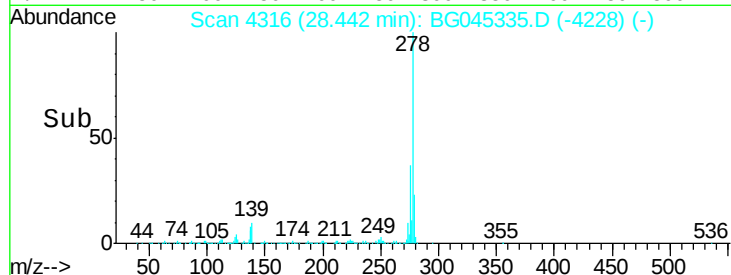
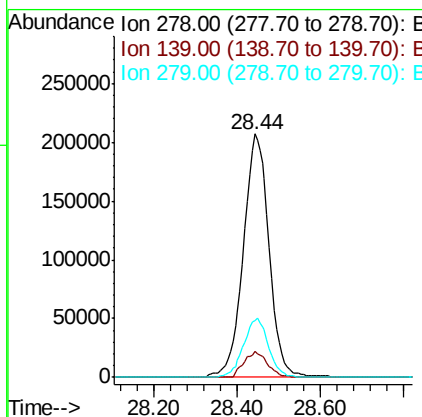
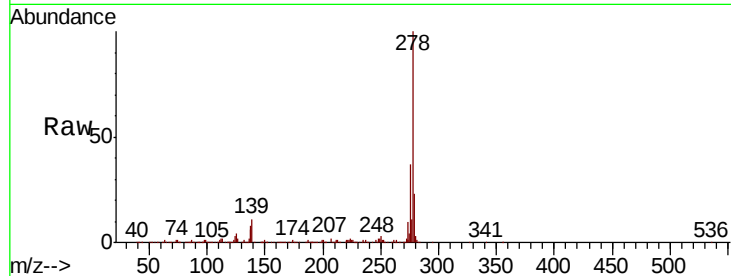
#91  
Dibenzo(a,h)anthracene  
Concen: 34.064 ng  
RT: 28.44 min Scan# 4316  
Delta R.T. -0.01 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

Instrument :  
BNA\_G  
ClientSampled :  
PB128809BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 10.5  | 9.0   | 13.6  |
| 279     | 23.4  | 18.4  | 27.6  |

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#92  
Benzo(g,h,i)perylene  
Concen: 34.197 ng  
RT: 29.50 min Scan# 4496  
Delta R.T. -0.01 min  
Lab File: BG045335.D  
Acq: 12 May 2020 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.3  | 19.3  | 28.9  |
| 138     | 12.3  | 11.4  | 17.2  |

