

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG042320\  
 Data File : BG045155.D  
 Acq On : 23 Apr 2020 23:48  
 Operator : CG/JU  
 Sample : L2258-06MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6MSD

Manual Integrations  
 APPROVED

mohammad  
 4/24/2020 1:35:21 PM

Quant Time: Apr 24 03:49:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 23 13:58:55 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 71607    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 287206   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.65 | 164  | 188661   | 20.00 | ng    | 0.01     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 370213   | 20.00 | ng    | 0.01     |
| 76) Chrysene-d12          | 21.66 | 240  | 368479   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.84 | 264  | 422405   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.58  | 112 | 555436  | 128.06 | ng | 0.00 |
| 7) Phenol-d6             | 7.18  | 99  | 797036  | 123.68 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 9.17  | 82  | 525358  | 83.46  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 347825  | 119.34 | ng | 0.01 |
| 45) 2-Fluorobiphenyl     | 13.27 | 172 | 1131302 | 87.93  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.01 | 244 | 1615974 | 95.59  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.47  | 88  | 81948   | 42.51 | ng | 97     |
| 3) Pyridine                    | 3.86  | 79  | 248494  | 41.87 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.77  | 42  | 101144  | 55.63 | ng | 89     |
| 6) Aniline                     | 7.33  | 93  | 181220  | 21.63 | ng | 96     |
| 8) 2-Chlorophenol              | 7.57  | 128 | 298564  | 64.05 | ng | 99     |
| 9) Benzaldehyde                | 7.14  | 77  | 141909  | 38.70 | ng | 99     |
| 10) Phenol                     | 7.20  | 94  | 401765  | 62.30 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 282766  | 55.07 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 326259  | 59.40 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 324592  | 59.30 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.37  | 146 | 312930  | 59.76 | ng | 94     |
| 15) Benzyl Alcohol             | 8.24  | 79  | 296403  | 54.86 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 256904  | 50.97 | ng | 94     |
| 17) 2-Methylphenol             | 8.46  | 107 | 273176  | 54.91 | ng | 97     |
| 18) Hexachloroethane           | 9.10  | 117 | 130324  | 63.34 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 244321  | 53.61 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.78  | 107 | 371796  | 53.39 | ng | 96     |
| 22) Acetophenone               | 8.83  | 105 | 453990  | 58.45 | ng | 98     |
| 24) Nitrobenzene               | 9.21  | 77  | 375201  | 58.15 | ng | 98     |
| 25) Isophorone                 | 9.74  | 82  | 677331  | 52.55 | ng | # 95   |
| 26) 2-Nitrophenol              | 9.92  | 139 | 172569  | 62.09 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 271970  | 61.67 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 373588  | 55.16 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 313488  | 61.57 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180 | 350299  | 60.76 | ng | 97     |
| 31) Naphthalene                | 10.87 | 128 | 902625  | 57.45 | ng | 98     |
| 32) Benzoic acid               | 10.17 | 122 | 224157  | 60.94 | ng | 86     |
| 33) 4-Chloroaniline            | 10.98 | 127 | 116833  | 15.94 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.16 | 225 | 233179  | 58.99 | ng | 98     |
| 35) Caprolactam                | 11.76 | 113 | 89792m  | 44.31 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 338106  | 56.52 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 678530  | 55.64 | ng | 95     |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 731643m | 63.55 | ng |        |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 386941  | 63.70 | ng | 98     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 23 13:58:55 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.83 | 237  | 230117   | 60.61  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 263737   | 61.52  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 281313   | 57.65  | ng #  | 93       |
| 46) 1,1'-Biphenyl              | 13.48 | 154  | 810349   | 56.51  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 647828   | 59.13  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.73 | 65   | 203719   | 56.51  | ng    | 98       |
| 49) Acenaphthylene             | 14.38 | 152  | 1005118  | 56.32  | ng    | 96       |
| 50) Dimethylphthalate          | 14.11 | 163  | 1010541  | 65.78  | ng    | 97       |
| 51) 2,6-Dinitrotoluene         | 14.22 | 165  | 188738   | 54.93  | ng    | 98       |
| 52) Acenaphthene               | 14.72 | 154  | 718404m  | 59.49  | ng    |          |
| 53) 3-Nitroaniline             | 14.55 | 138  | 117474   | 31.17  | ng #  | 91       |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 132403   | 64.80  | ng    | 91       |
| 55) Dibenzofuran               | 15.05 | 168  | 981996   | 55.78  | ng #  | 92       |
| 56) 4-Nitrophenol              | 14.87 | 139  | 321450   | 110.01 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 15.01 | 165  | 259202   | 51.62  | ng #  | 96       |
| 58) Fluorene                   | 15.70 | 166  | 839505   | 58.38  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 253812   | 58.46  | ng #  | 91       |
| 60) Diethylphthalate           | 15.47 | 149  | 783084   | 48.89  | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.69 | 204  | 439638   | 53.12  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.71 | 138  | 136763   | 34.99  | ng    | 91       |
| 63) Azobenzene                 | 15.99 | 77   | 781785   | 52.94  | ng    | 93       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 100928   | 41.48  | ng #  | 70       |
| 66) n-Nitrosodiphenylamine     | 15.90 | 169  | 830084   | 78.04  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.59 | 248  | 288724   | 60.45  | ng    | 92       |
| 68) Hexachlorobenzene          | 16.72 | 284  | 308498   | 62.28  | ng    | 98       |
| 69) Atrazine                   | 16.86 | 200  | 269268   | 72.30  | ng    | 97       |
| 70) Pentachlorophenol          | 17.06 | 266  | 377950   | 124.38 | ng    | 98       |
| 71) Phenanthrene               | 17.44 | 178  | 1284408  | 67.51  | ng    | 96       |
| 72) Anthracene                 | 17.54 | 178  | 1192573  | 62.49  | ng    | 99       |
| 73) Carbazole                  | 17.80 | 167  | 1051003  | 54.27  | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 1216403  | 59.68  | ng #  | 97       |
| 75) Fluoranthene               | 19.45 | 202  | 1340276  | 62.31  | ng    | 97       |
| 77) Benzidine                  | 19.62 | 184  | 682743   | 66.87  | ng    | 99       |
| 78) Pyrene                     | 19.81 | 202  | 1389273  | 54.69  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.69 | 149  | 558532   | 53.04  | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.64 | 228  | 1407894  | 58.95  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.56 | 252  | 231668   | 24.37  | ng #  | 98       |
| 83) Chrysene                   | 21.71 | 228  | 1337409  | 58.28  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 815861   | 56.34  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.75 | 149  | 1421528  | 56.76  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.47 | 276  | 1801159  | 59.12  | ng #  | 96       |
| 88) Benzo(b)fluoranthene       | 23.84 | 252  | 1538237  | 58.14  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.91 | 252  | 1521821  | 60.48  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.70 | 252  | 1441911  | 57.72  | ng #  | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.53 | 278  | 1465043  | 58.20  | ng    | 95       |
| 92) Benzo(g,h,i)perylene       | 29.60 | 276  | 1346492  | 53.35  | ng    | 97       |

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

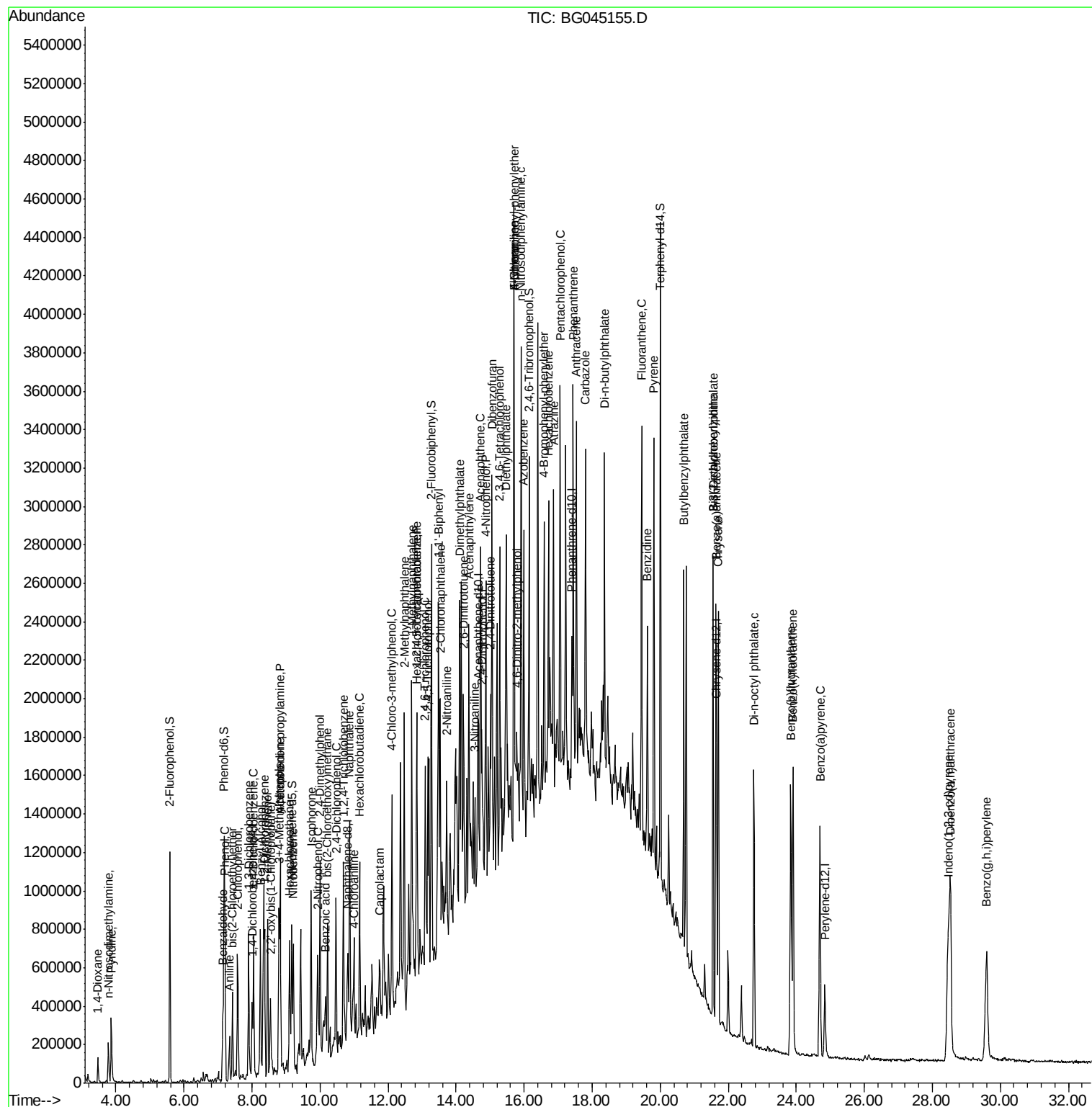
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG042320\  
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Sample : L2258-06MSD  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

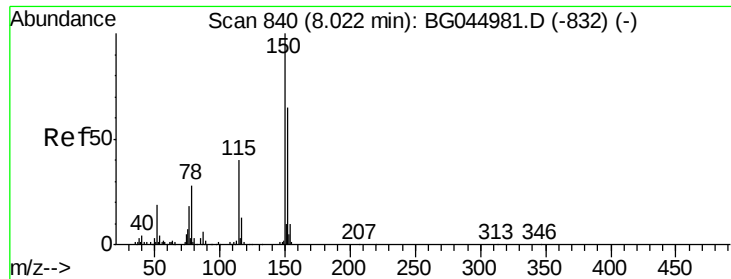
Instrument :  
BNA\_G  
ClientSampled :  
6MSD

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

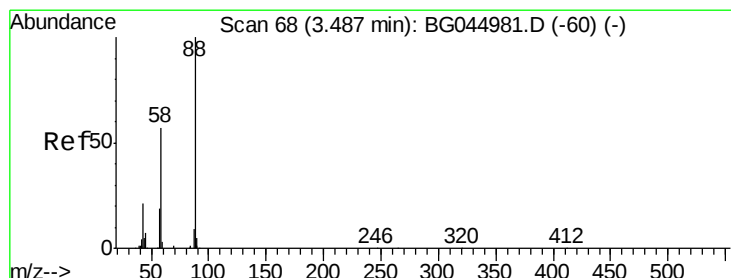
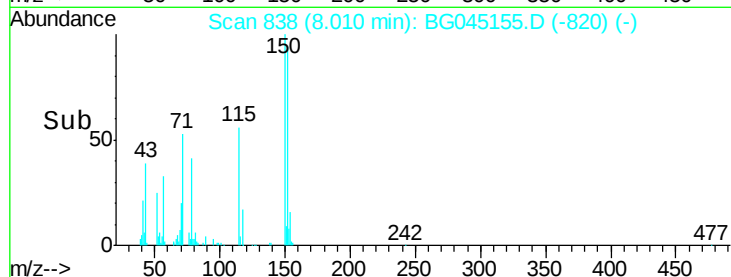
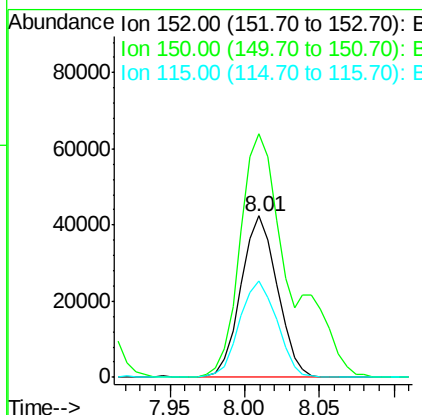
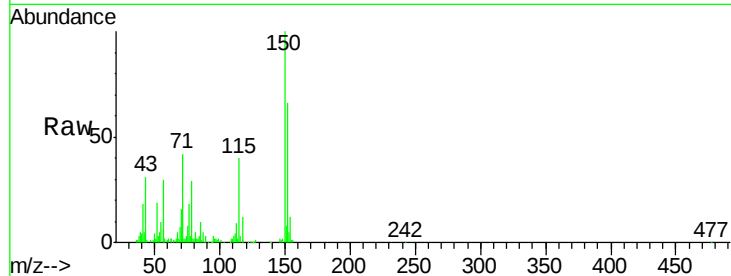
ClientSampleId :

6MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 71607 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 151.0 | 123.6 | 185.4 |
| 115       | 60.0  | 49.1  | 73.7  |

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#2

1,4-Dioxane

Concen: 42.51 ng

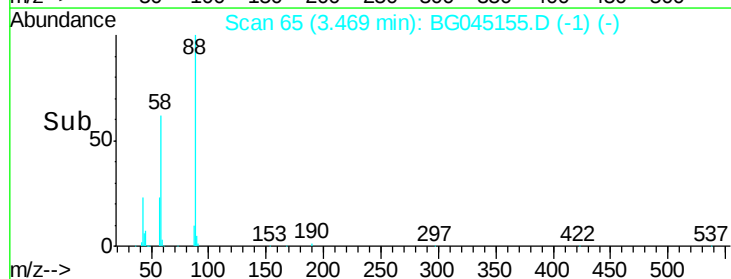
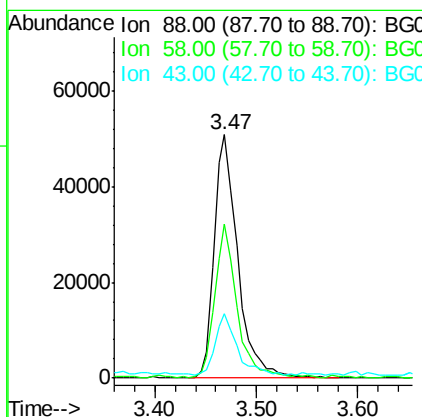
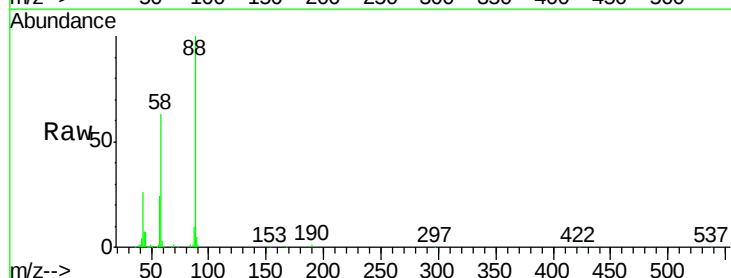
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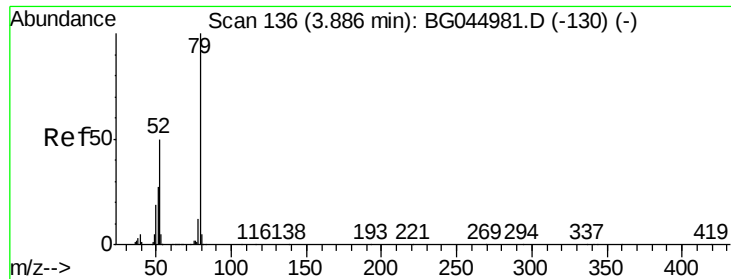
Delta R.T. -0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 81948 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 60.1  | 46.6  | 69.8  |
| 43        | 23.4  | 17.5  | 26.3  |





#3

Pyridine

Concen: 41.87 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

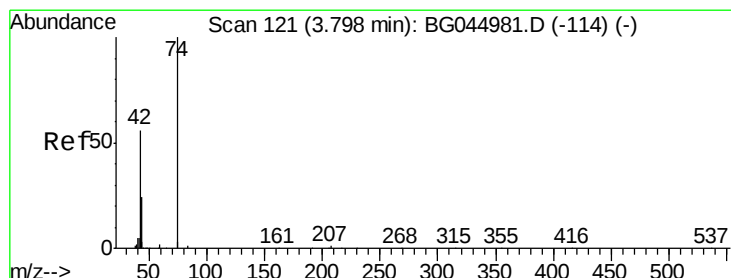
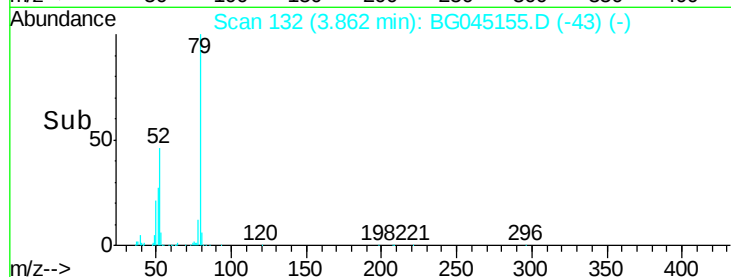
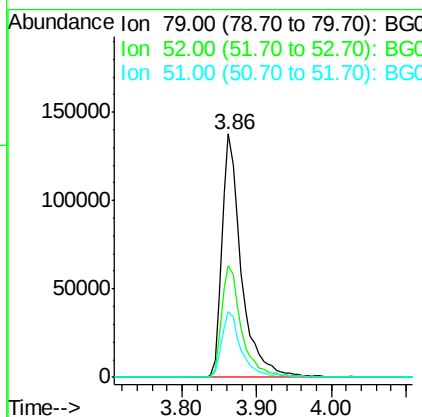
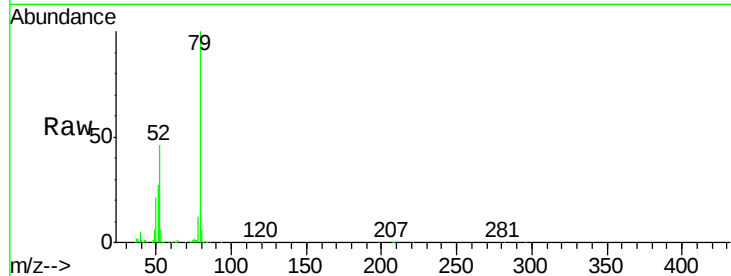
ClientSampleId :

6MSD

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 79      | 100  |       | 248494 |       |       |
| 52      | 46.2 |       | 39.8   | 59.6  |       |
| 51      | 26.9 |       | 21.4   | 32.2  |       |

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#4

n-Nitrosodimethylamine

Concen: 55.63 ng

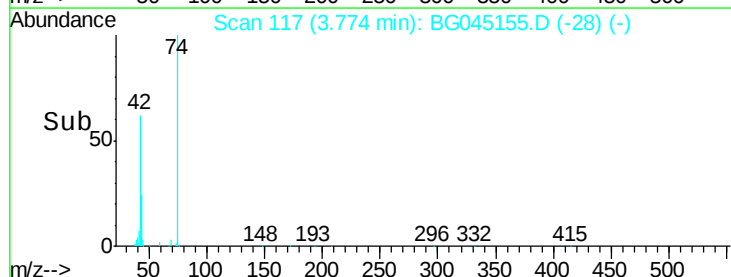
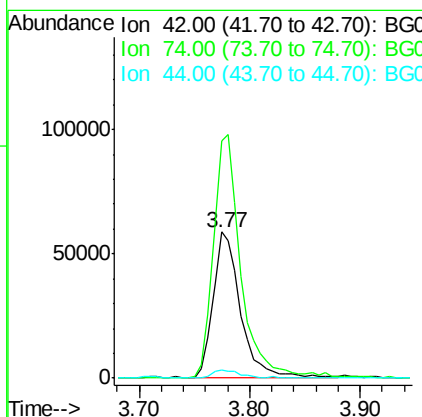
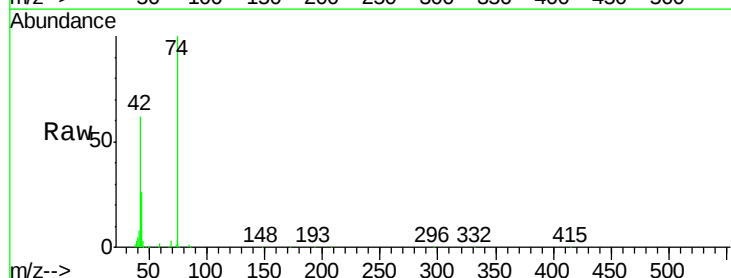
RT: 3.77 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 42      | 100   |       | 101144 |       |       |
| 74      | 162.5 |       | 143.0  | 214.6 |       |
| 44      | 5.5   |       | 4.6    | 6.8   |       |





#5

2-Fluorophenol

Concen: 128.06 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

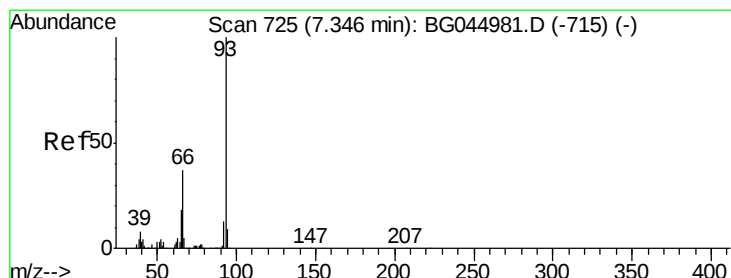
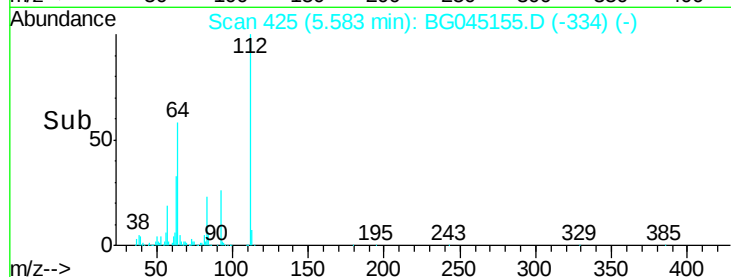
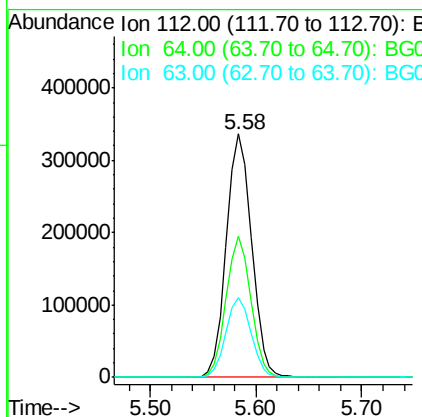
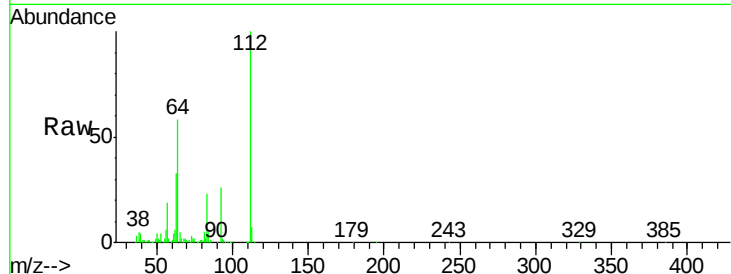
ClientSampleId :

6MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 555436 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 57.8  | 42.4  | 63.6   |
| 63        | 32.9  | 23.1  | 34.7   |

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#6

Aniline

Concen: 21.63 ng

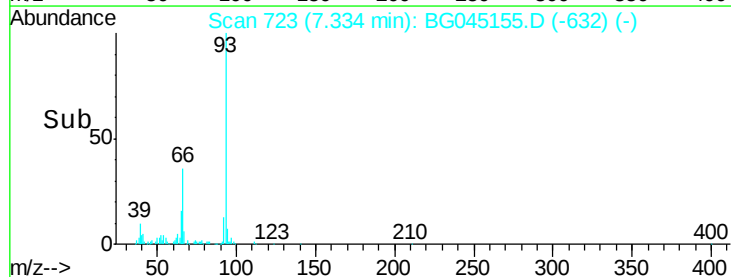
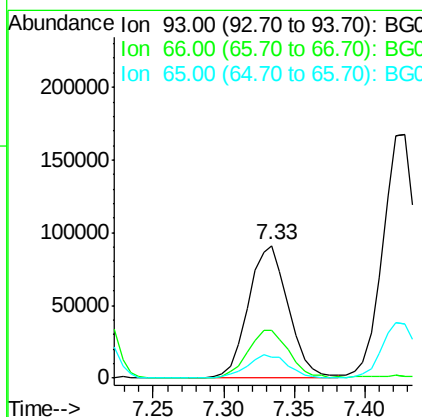
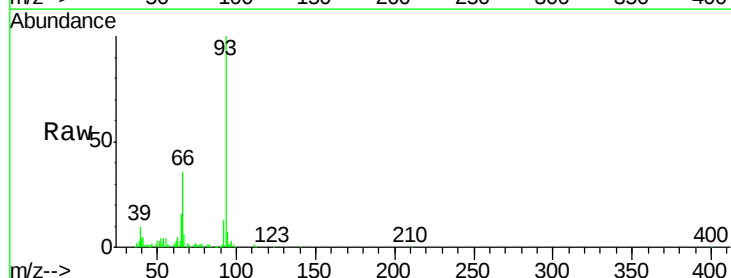
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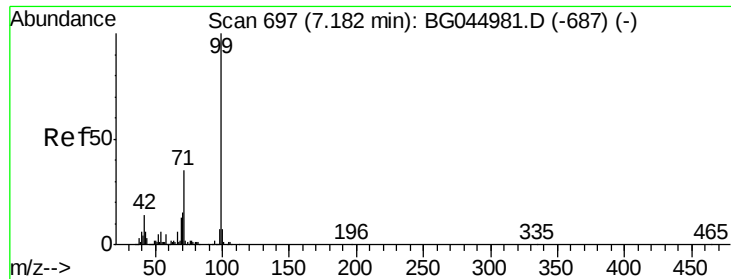
Delta R.T. 0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 181220 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 35.7  | 29.8  | 44.8   |
| 65        | 15.6  | 14.6  | 22.0   |





#7

Phenol-d6

Concen: 123.68 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.01 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

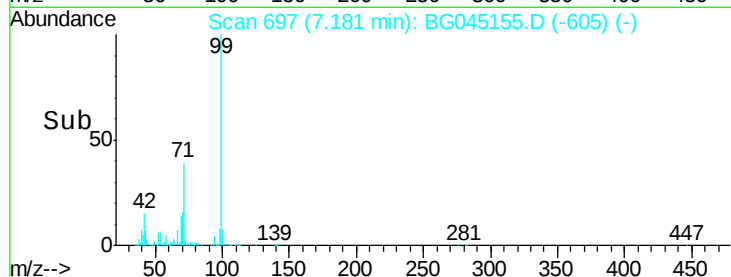
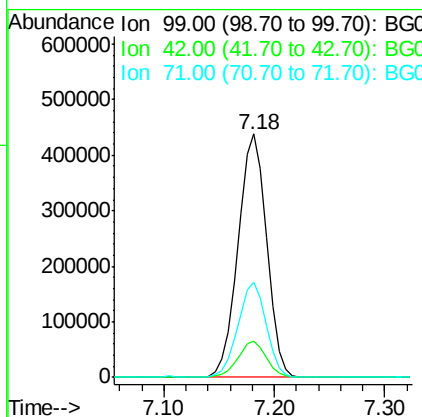
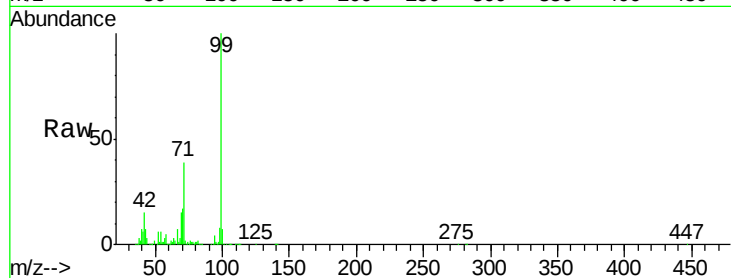
ClientSampled :

6MSD

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 797036 |       |       |
| 42      | 14.8 | 11.3  | 16.9   |       |       |
| 71      | 39.0 | 28.3  | 42.5   |       |       |

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#8

2-Chlorophenol

Concen: 64.05 ng

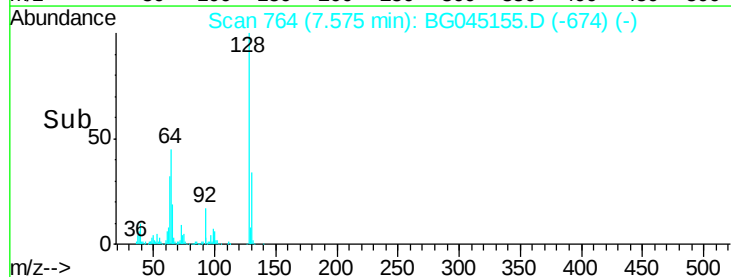
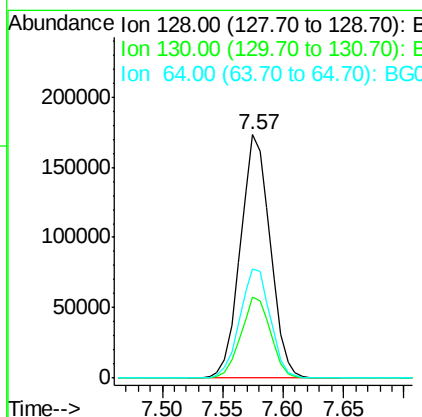
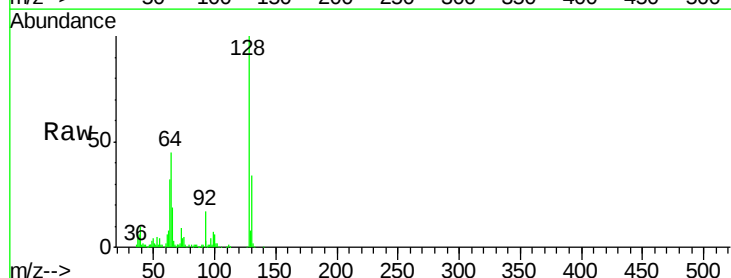
RT: 7.57 min Scan# 764

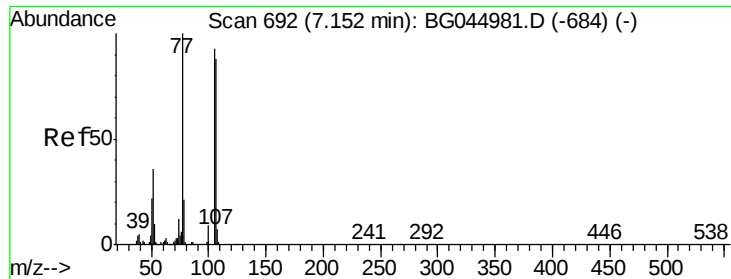
Delta R.T. -0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 298564 |       |       |
| 130     | 33.5 | 12.3  | 52.3   |       |       |
| 64      | 44.6 | 24.4  | 64.4   |       |       |





#9

Benzaldehyde

Concen: 38.70 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

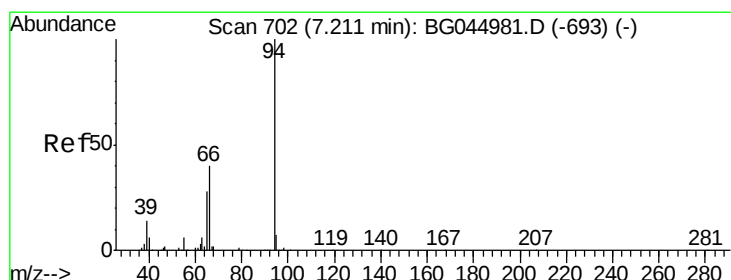
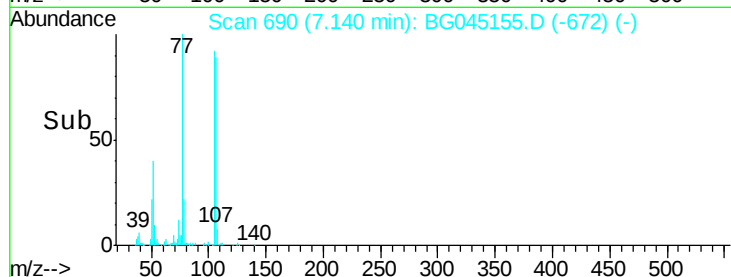
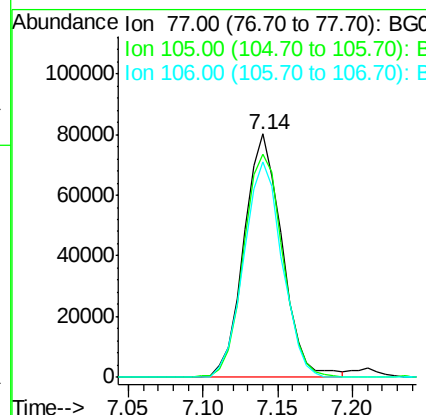
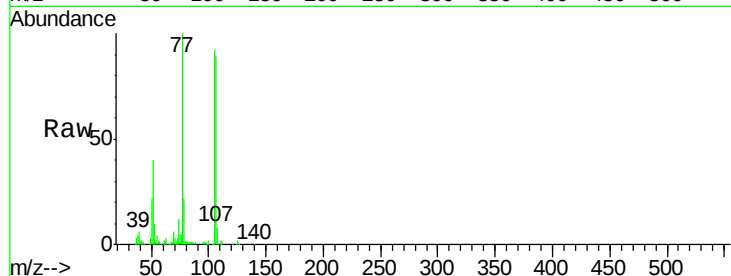
ClientSampled :

6MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 141909 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 91.6  | 72.9  | 112.9  |
| 106      | 88.7  | 67.6  | 107.6  |

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#10

Phenol

Concen: 62.30 ng

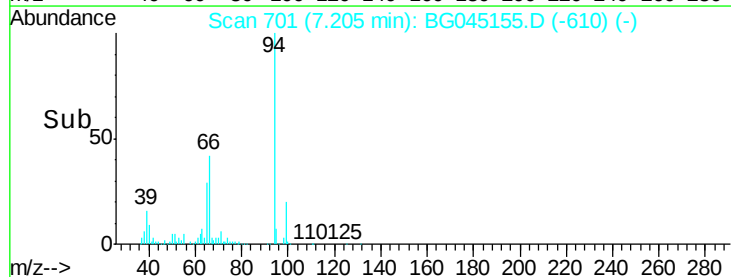
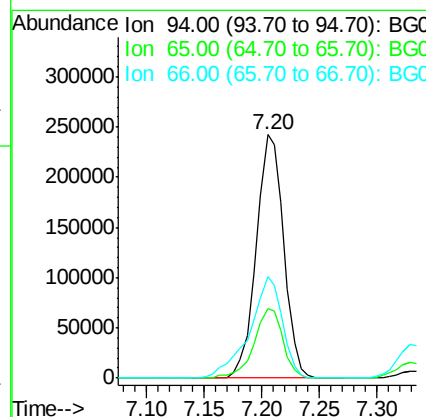
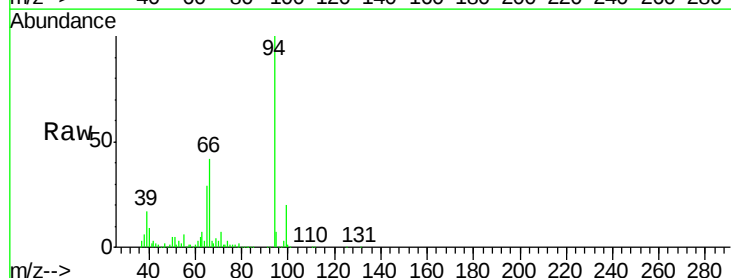
RT: 7.20 min Scan# 701

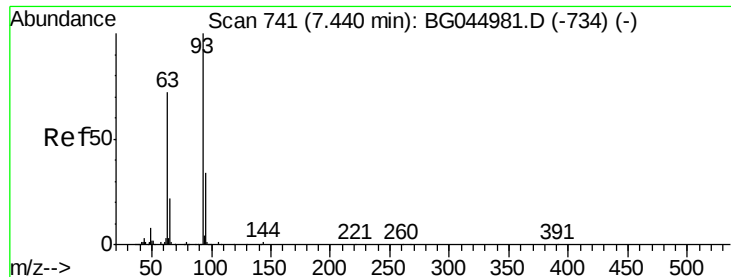
Delta R.T. 0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 401765 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 28.7  | 8.2   | 48.2   |
| 66       | 41.6  | 20.4  | 60.4   |





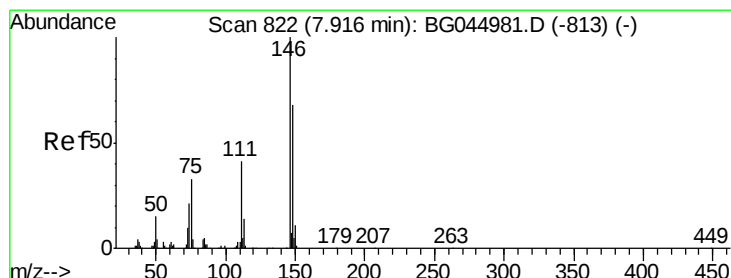
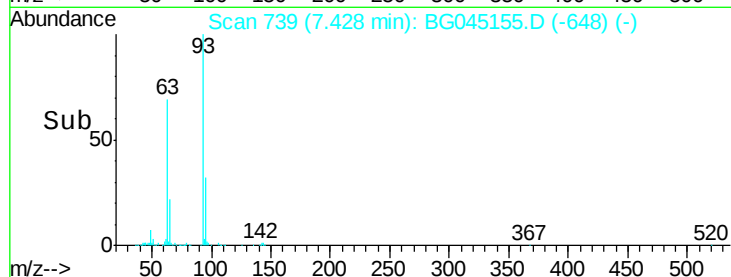
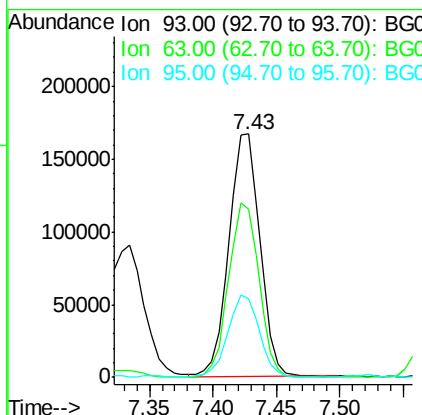
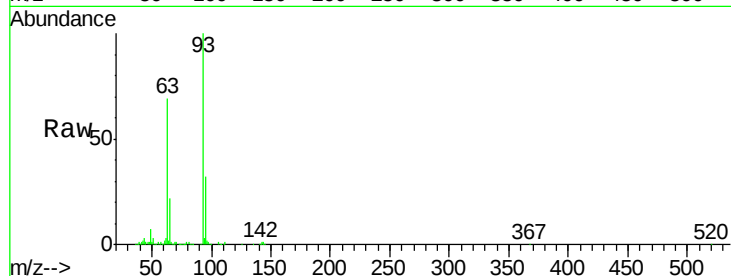
#11  
bis(2-Chloroethyl)ether  
Concen: 55.07 ng  
RT: 7.43 min Scan# 739  
Delta R.T. 0.00 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 63      | 69.1  | 51.8       | 91.8       |
| 95      | 32.1  | 13.8       | 53.8       |

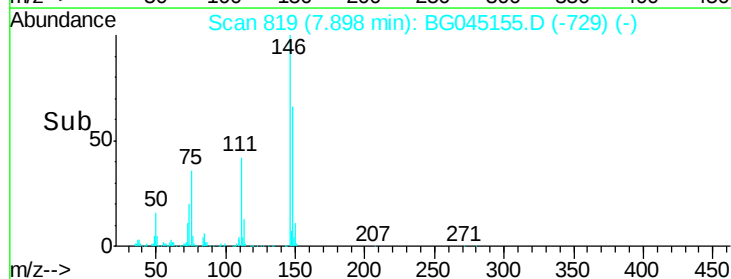
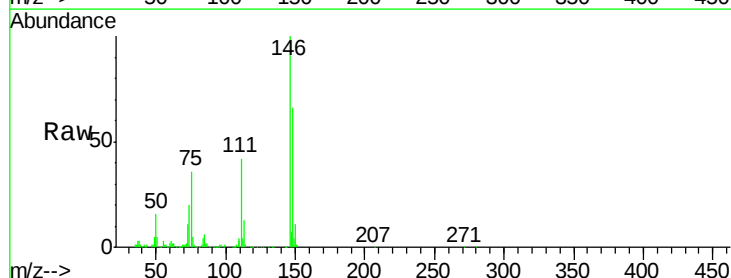
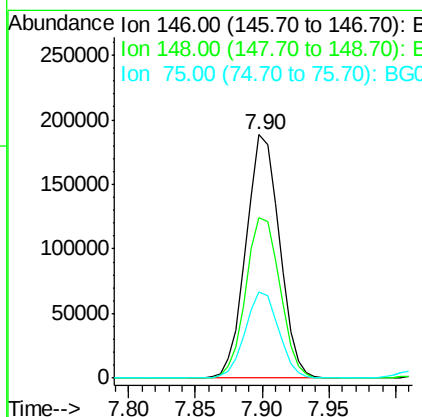
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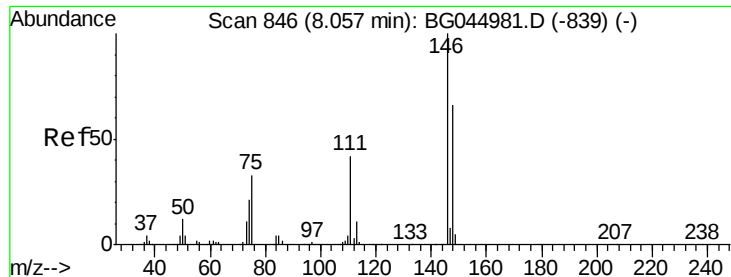
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 59.40 ng  
RT: 7.90 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 146     | 100   |            |            |
| 148     | 66.0  | 54.6       | 81.8       |
| 75      | 35.6  | 26.0       | 39.0       |





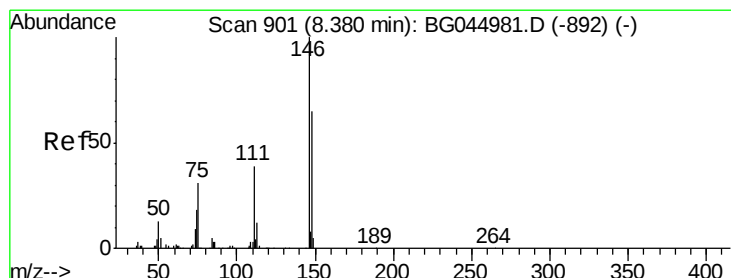
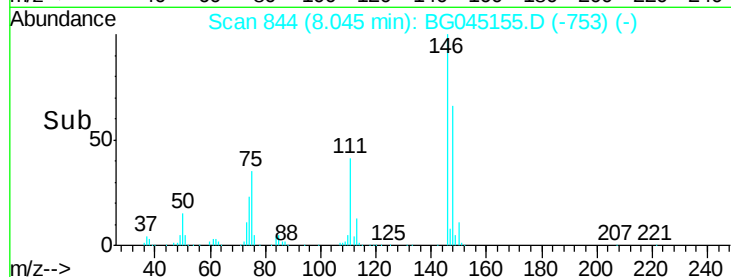
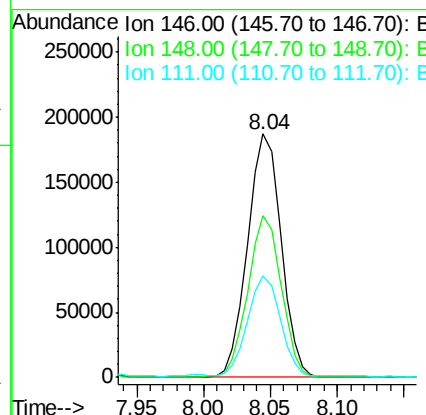
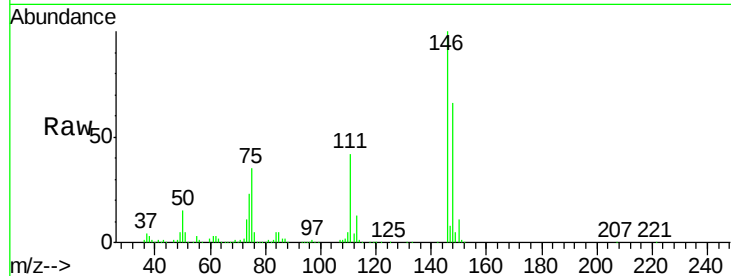
#13  
 1,4-Dichlorobenzene  
 Concen: 59.30 ng  
 RT: 8.04 min Scan# 844  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.2  | 53.3  | 79.9  |
| 111     | 41.5  | 33.8  | 50.8  |

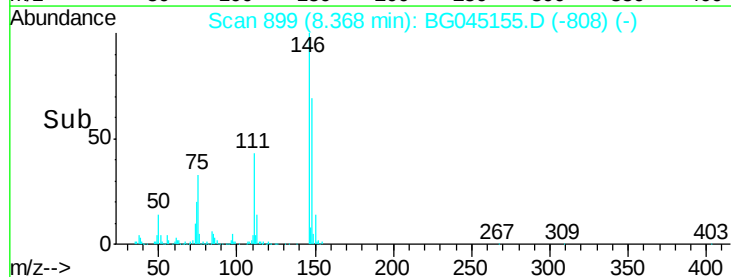
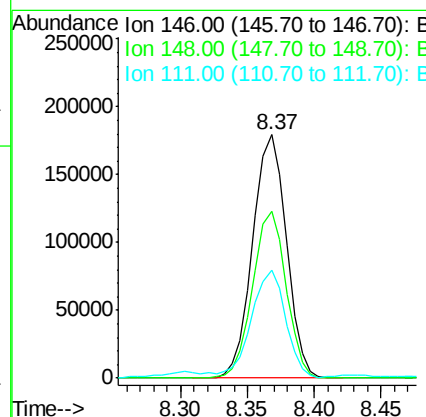
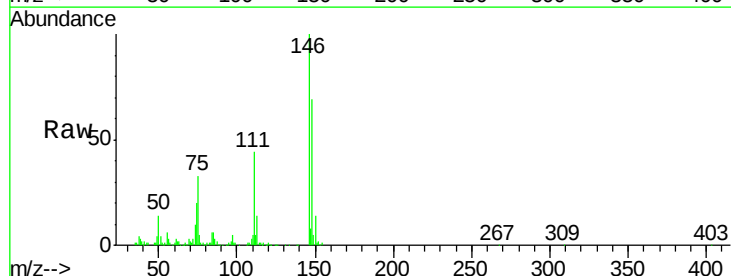
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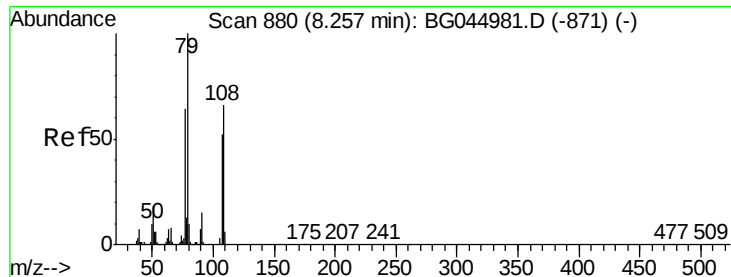
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#14  
 1,2-Dichlorobenzene  
 Concen: 59.76 ng  
 RT: 8.37 min Scan# 899  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.5  | 51.9  | 77.9  |
| 111     | 44.2  | 31.3  | 46.9  |





#15

Benzyl Alcohol

Concen: 54.86 ng

RT: 8.24 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

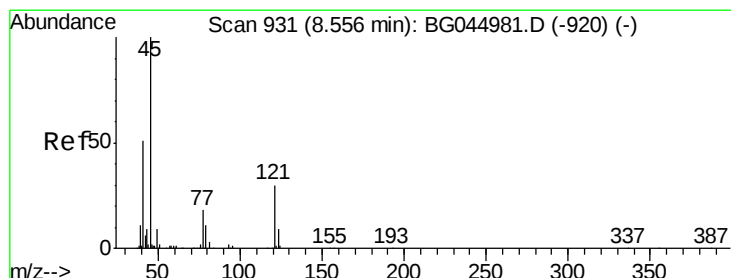
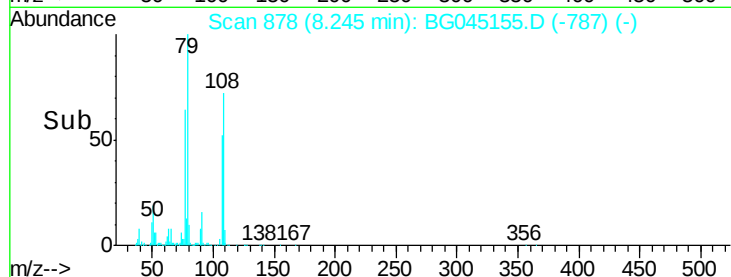
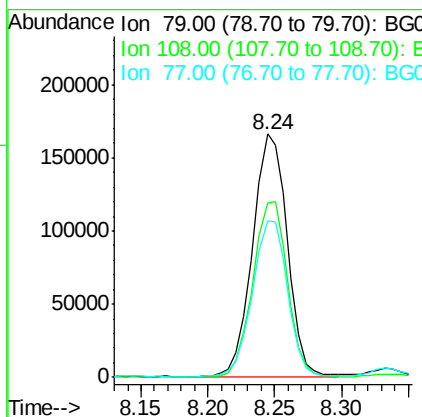
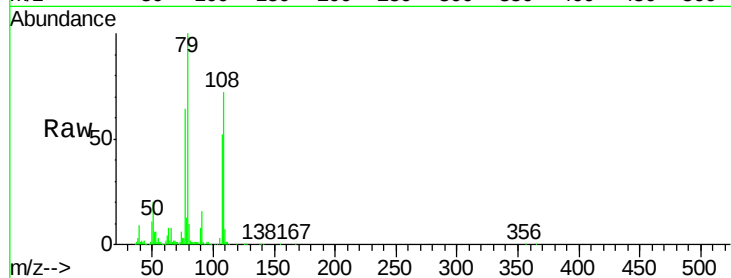
ClientSampleId :

6MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 296403 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 71.7  | 52.7  | 79.1   |
| 77       | 64.1  | 51.3  | 76.9   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.97 ng

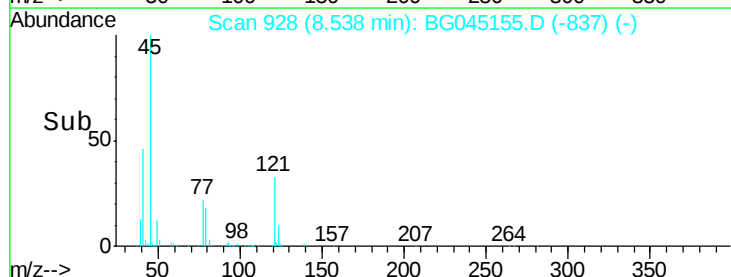
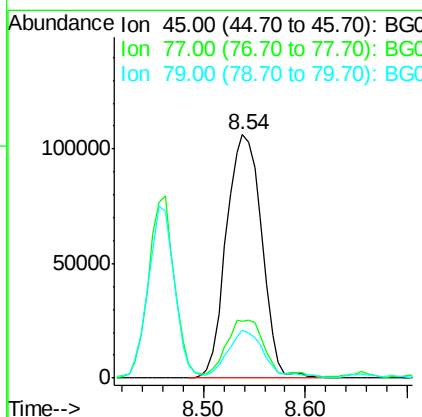
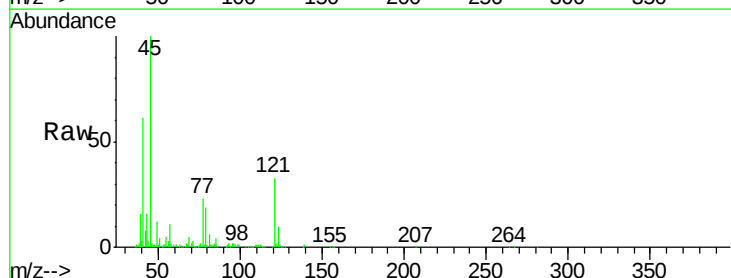
RT: 8.54 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 256904 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 23.4  | 1.9   | 41.9   |
| 79       | 19.4  | 0.0   | 35.5   |





#17

2-Methylphenol

Concen: 54.91 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

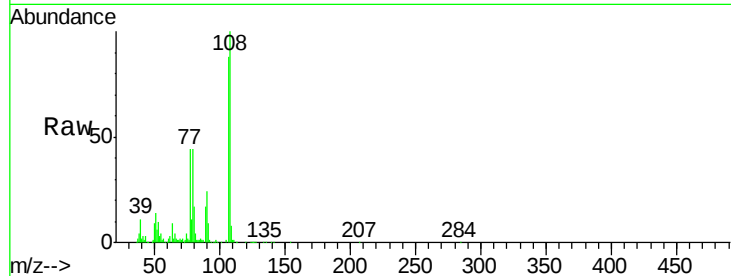
ClientSampleId :

6MSD

| Tgt | Ion   | Resp | Lower | Upper |
|-----|-------|------|-------|-------|
| 107 | 100   |      |       |       |
| 108 | 113.6 | 93.8 | 140.6 |       |
| 77  | 50.5  | 38.5 | 57.7  |       |
| 79  | 49.6  | 40.1 | 60.1  |       |

Manual Integrations  
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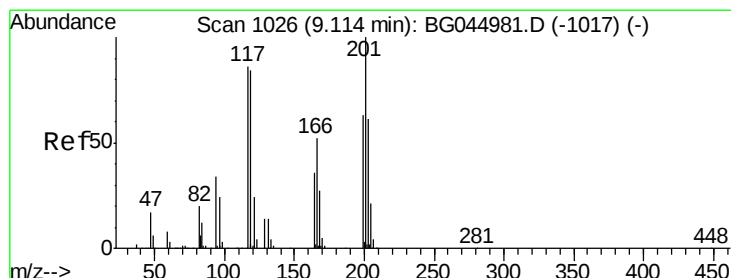
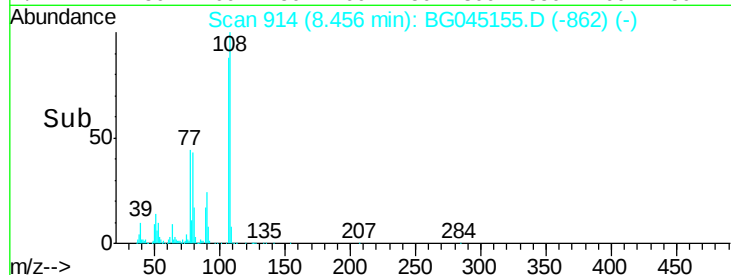
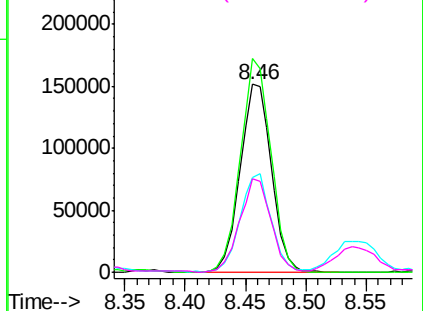
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 63.34 ng

RT: 9.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

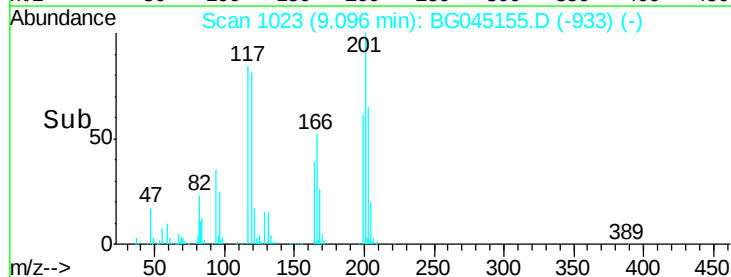
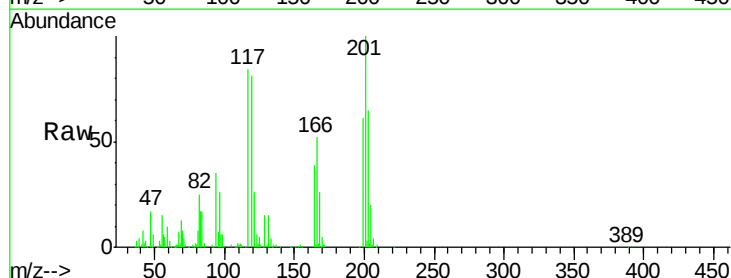
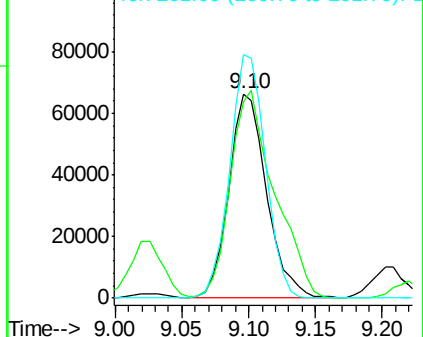
| Tgt | Ion   | Resp | Lower | Upper |
|-----|-------|------|-------|-------|
| 117 | 100   |      |       |       |
| 119 | 96.2  | 78.3 | 117.5 |       |
| 201 | 119.3 | 92.9 | 139.3 |       |

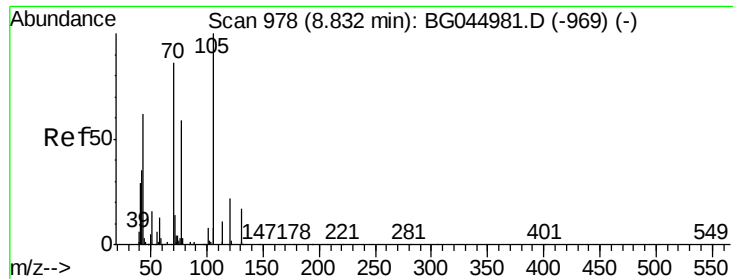
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





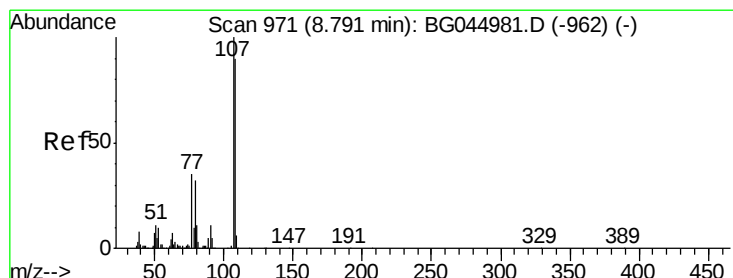
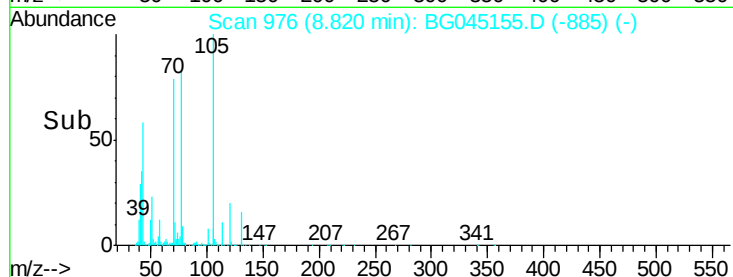
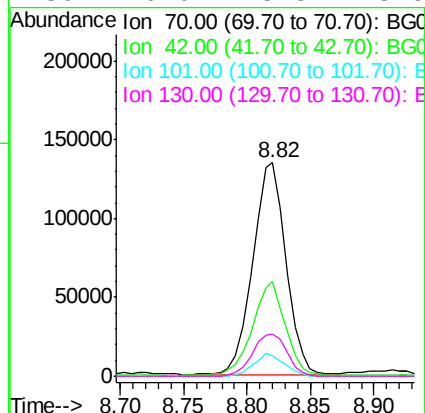
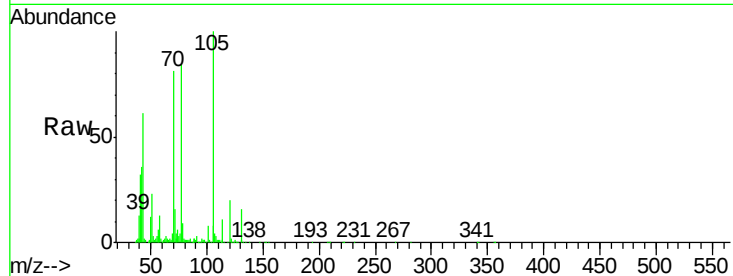
#19  
n-Nitroso-di-n-propylamine  
Concen: 53.61 ng  
RT: 8.82 min Scan# 976  
Delta R.T. 0.00 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 44.6  | 33.3  | 49.9  |
| 101     | 9.8   | 7.8   | 11.8  |
| 130     | 20.0  | 15.8  | 23.6  |

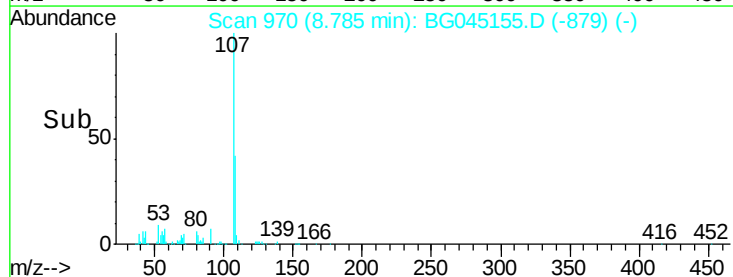
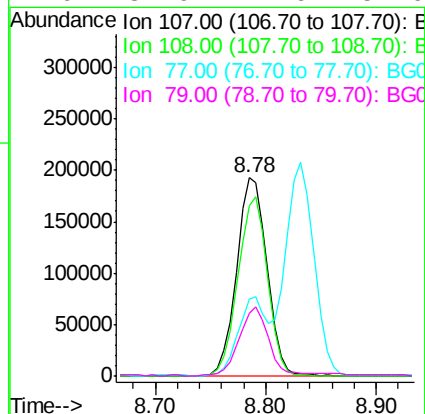
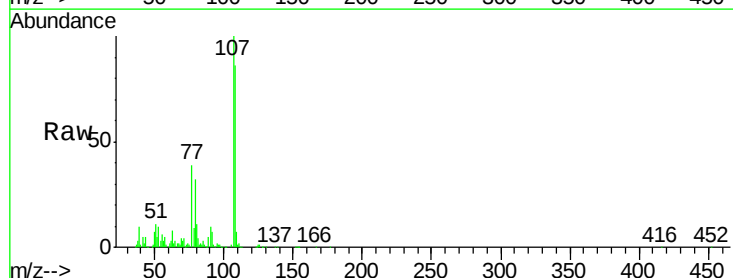
Manual Integrations  
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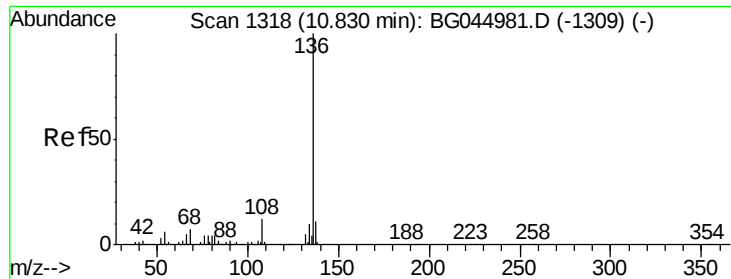
mohammad  
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#20  
3+4-Methylphenols  
Concen: 53.39 ng  
RT: 8.78 min Scan# 970  
Delta R.T. 0.00 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.8  | 69.9  | 109.9 |
| 77      | 38.6  | 15.2  | 55.2  |
| 79      | 31.9  | 11.6  | 51.6  |





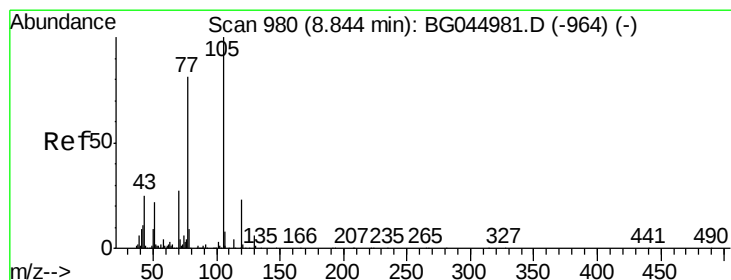
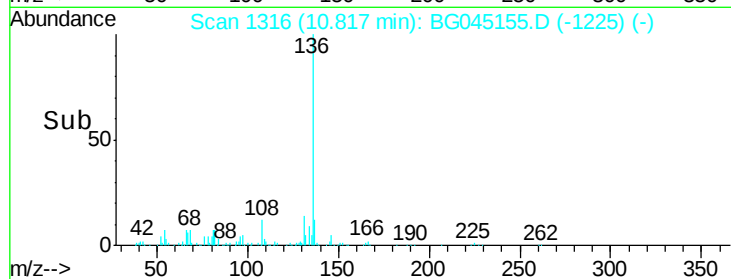
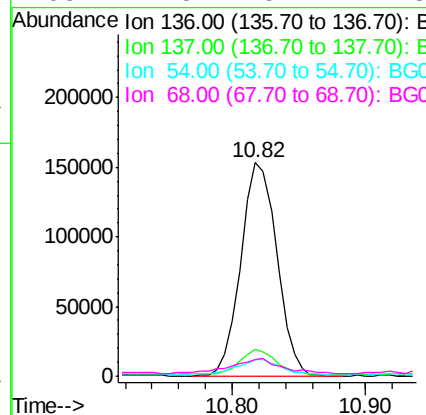
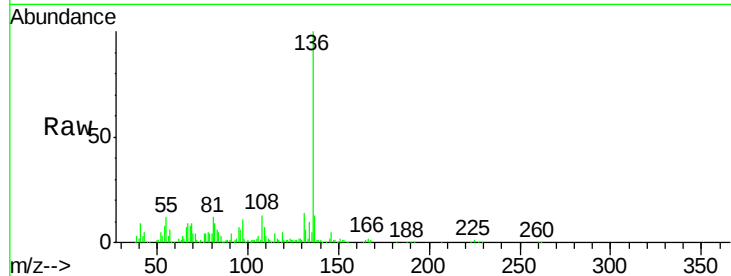
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.82 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 287206 |       |       |
| 137     | 12.8  | 8.6    | 13.0  |       |
| 54      | 7.7   | 4.8    | 7.2#  |       |
| 68      | 7.8   | 5.2    | 7.8#  |       |

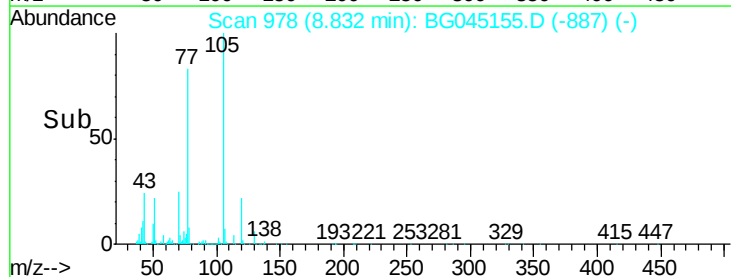
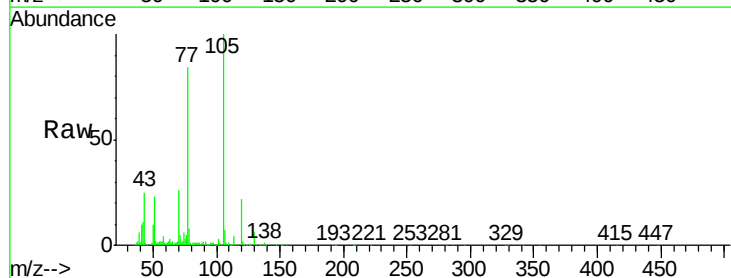
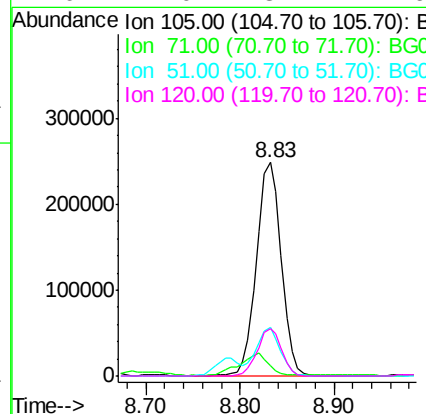
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#22  
Acetophenone  
Concen: 58.45 ng  
RT: 8.83 min Scan# 978  
Delta R.T. 0.00 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 453990 |       |       |
| 71      | 4.7   | 3.3    | 4.9   |       |
| 51      | 22.6  | 17.3   | 25.9  |       |
| 120     | 22.0  | 18.4   | 27.6  |       |





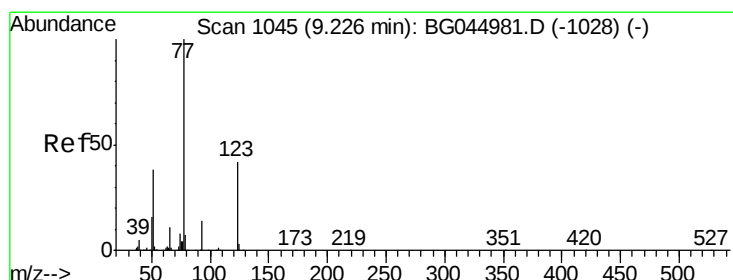
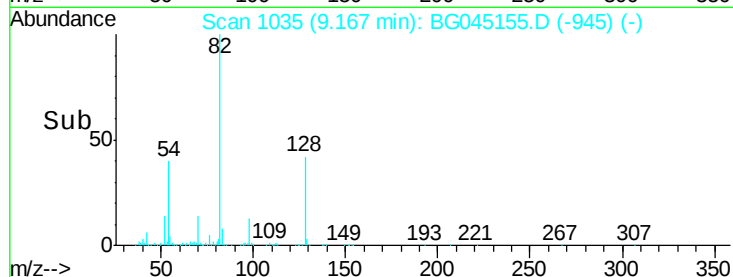
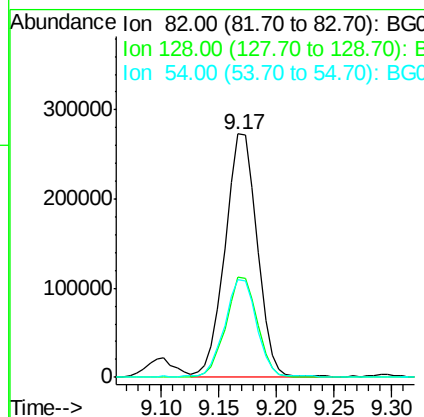
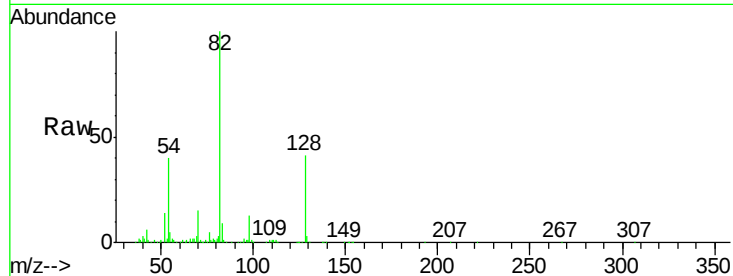
#23  
 Nitrobenzene-d5  
 Concen: 83.46 ng  
 RT: 9.17 min Scan# 1035  
 Delta R.T. -0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 525358 |       |       |
| 128     | 41.4  | 33.0   | 49.4  |       |
| 54      | 40.2  | 30.4   | 45.6  |       |

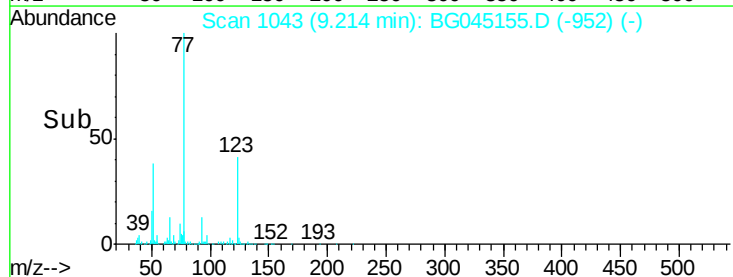
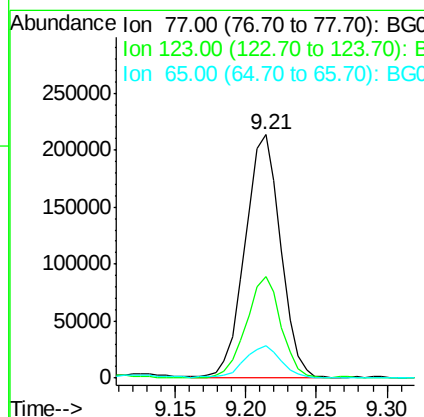
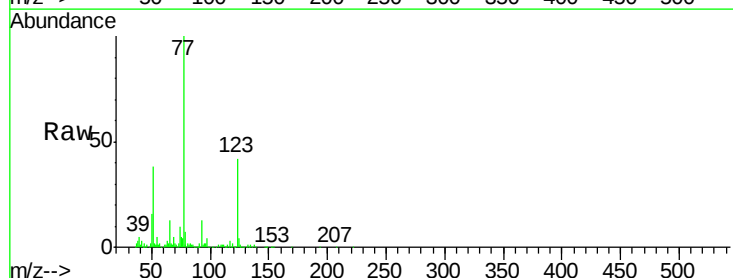
Manual Integrations  
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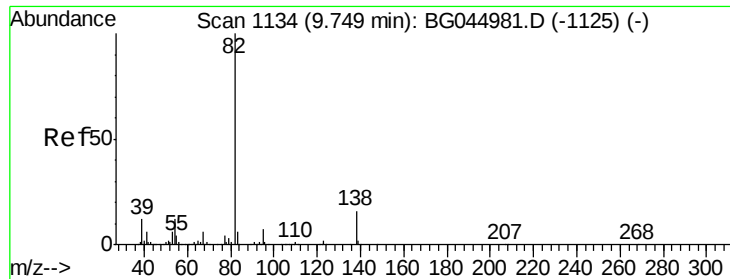
mohammad  
 4/24/2020 1:35:21 PM



#24  
 Nitrobenzene  
 Concen: 58.15 ng  
 RT: 9.21 min Scan# 1043  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 375201 |       |       |
| 123     | 41.8  | 34.3   | 51.5  |       |
| 65      | 13.2  | 8.9    | 13.3  |       |





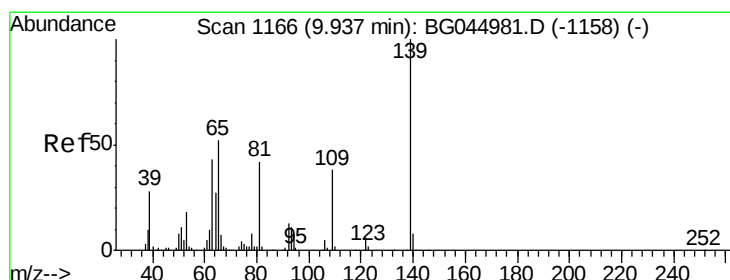
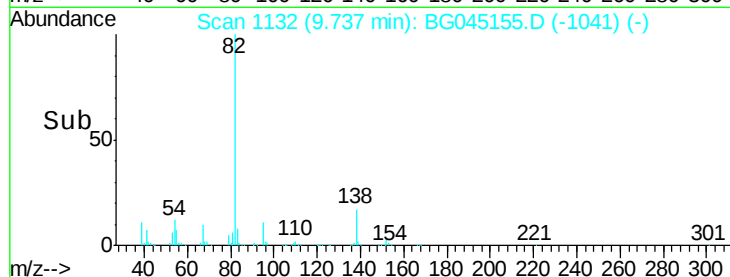
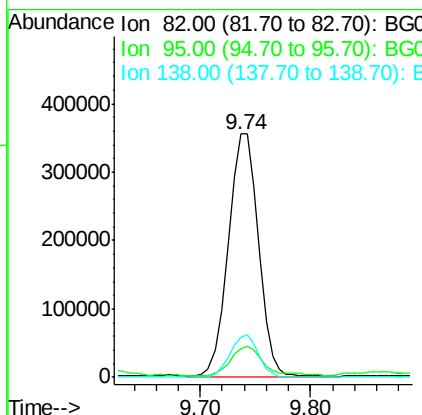
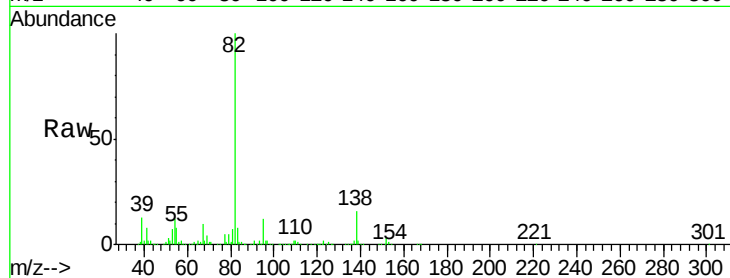
#25  
Isophorone  
Concen: 52.55 ng  
RT: 9.74 min Scan# 1132  
Delta R.T. 0.00 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 677331 |       |       |
| 95      | 11.9  | 6.0    | 9.0#  |       |
| 138     | 16.4  | 12.7   | 19.1  |       |

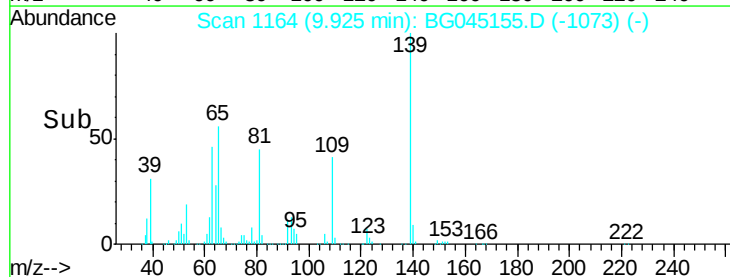
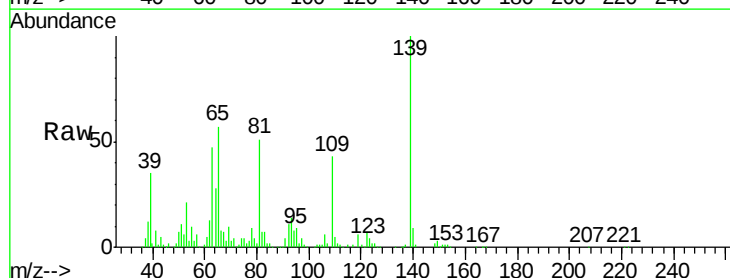
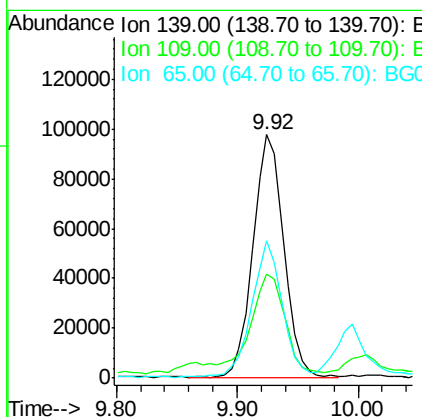
Manual Integrations  
APPROVED

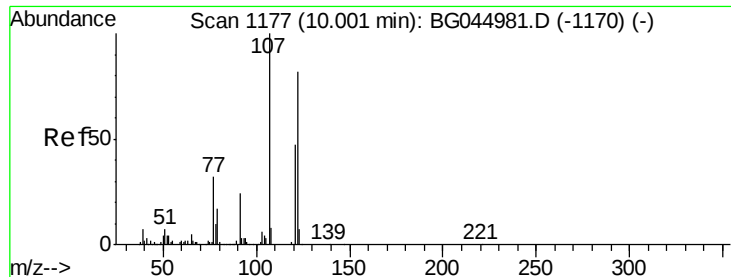
mohammad  
4/24/2020 1:35:21 PM



#26  
2-Nitrophenol  
Concen: 62.09 ng  
RT: 9.92 min Scan# 1164  
Delta R.T. 0.00 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 172569 |       |       |
| 109     | 42.9  | 30.6   | 45.8  |       |
| 65      | 56.6  | 41.8   | 62.6  |       |





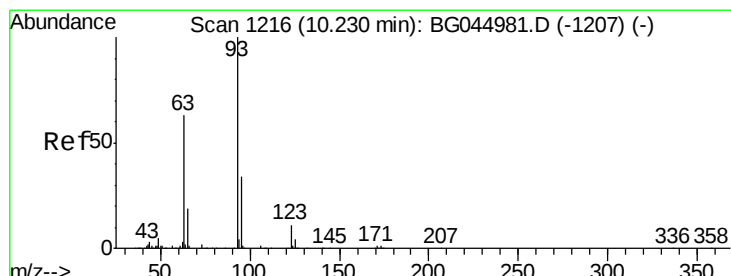
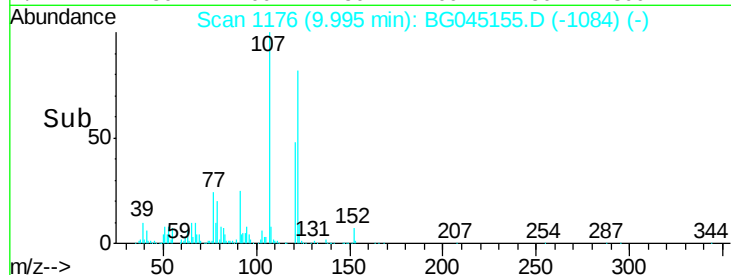
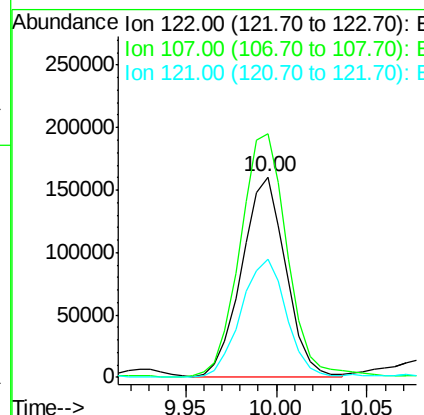
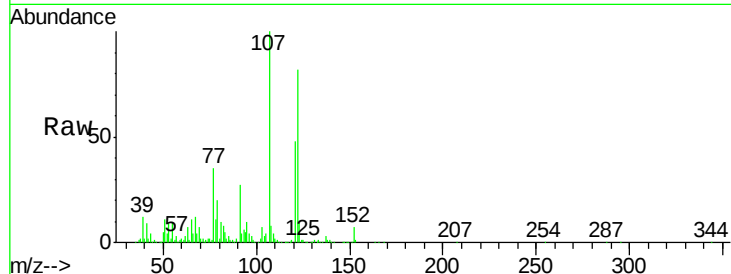
#27  
2,4-Dimethylphenol  
Concen: 61.67 ng  
RT: 10.00 min Scan# 1176  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 271970 |       |       |
| 107     | 121.6 | 96.8   | 145.2 |       |
| 121     | 58.8  | 45.6   | 68.4  |       |

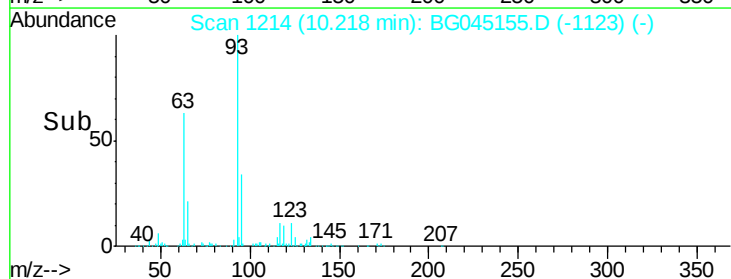
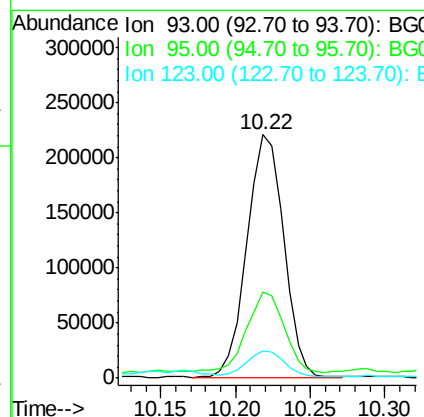
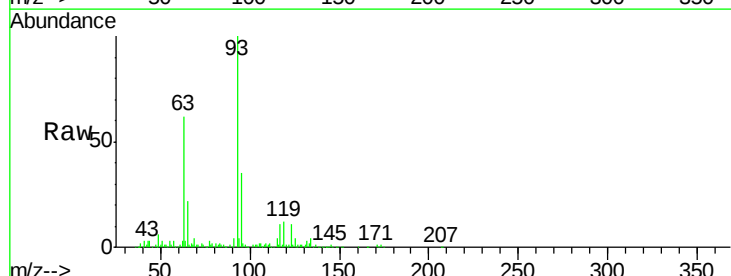
Manual Integrations  
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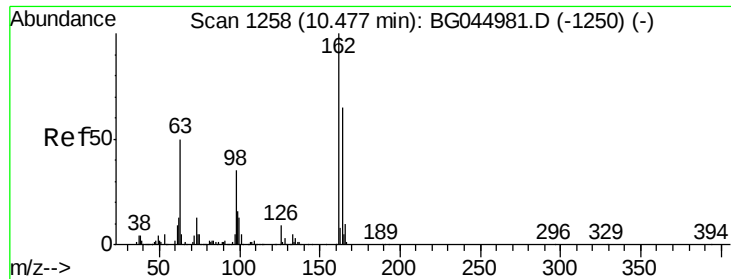
mohammad  
4/24/2020 1:35:21 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 55.16 ng  
RT: 10.22 min Scan# 1214  
Delta R.T. 0.00 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 373588 |       |       |
| 95      | 35.3  | 27.0   | 40.4  |       |
| 123     | 11.1  | 8.7    | 13.1  |       |





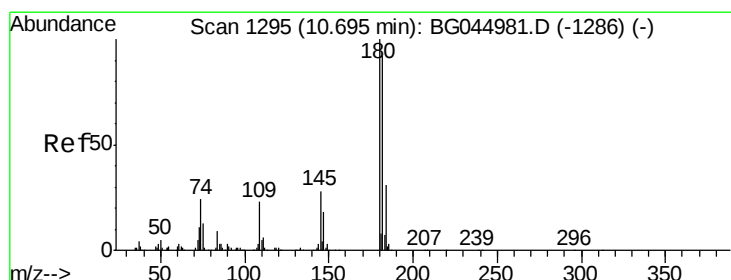
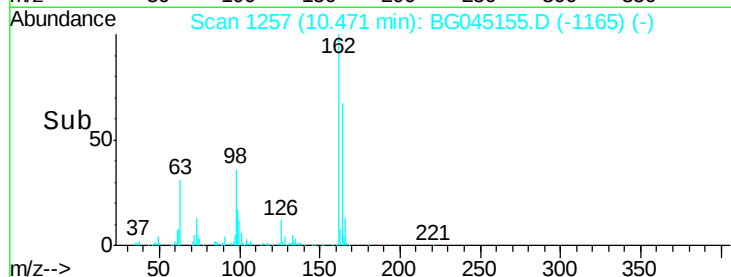
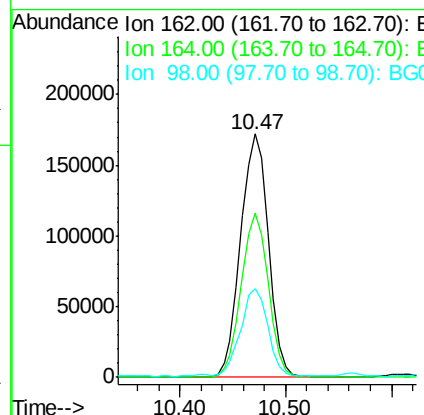
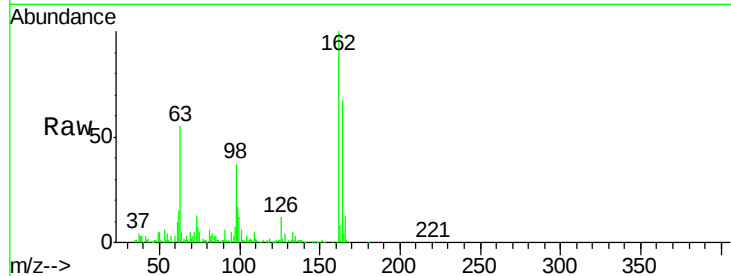
#29  
 2,4-Dichlorophenol  
 Concen: 61.57 ng  
 RT: 10.47 min Scan# 1257  
 Delta R.T. 0.01 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 313488 |       |       |
| 164     | 67.5  | 45.0   | 85.0  |       |
| 98      | 36.6  | 15.2   | 55.2  |       |

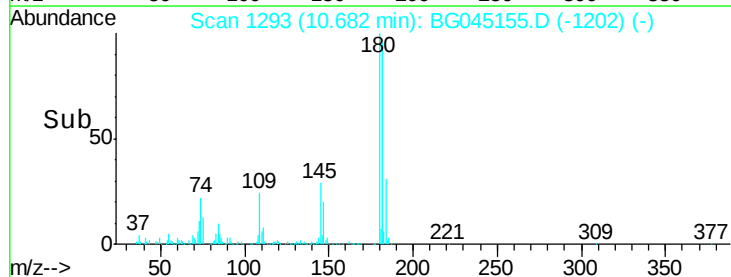
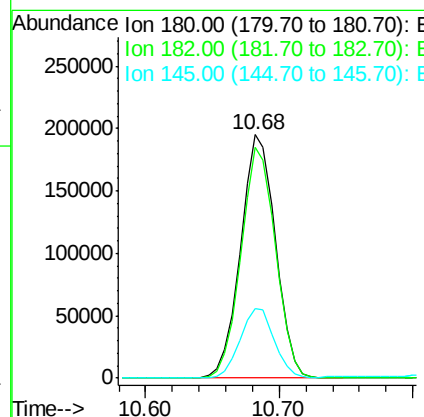
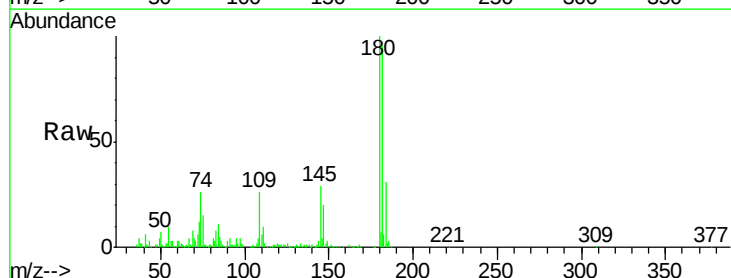
Manual Integrations  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 60.76 ng  
 RT: 10.68 min Scan# 1293  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 350299 |       |       |
| 182     | 94.6  | 73.3   | 109.9 |       |
| 145     | 28.6  | 22.6   | 33.8  |       |





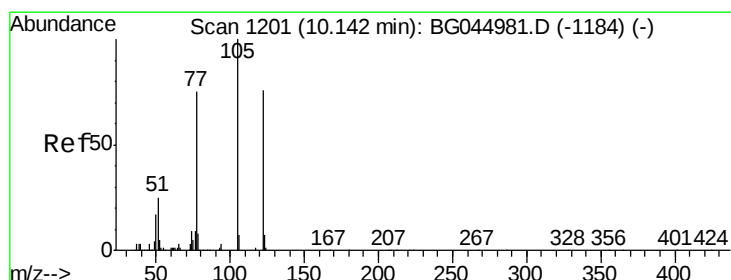
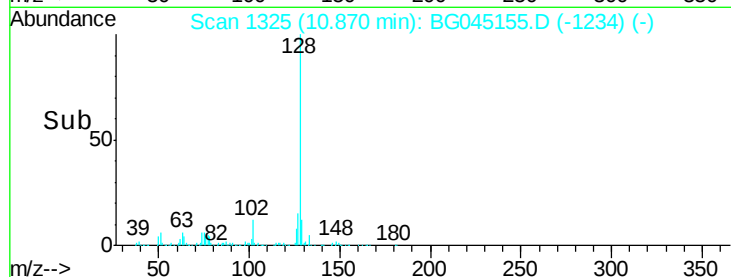
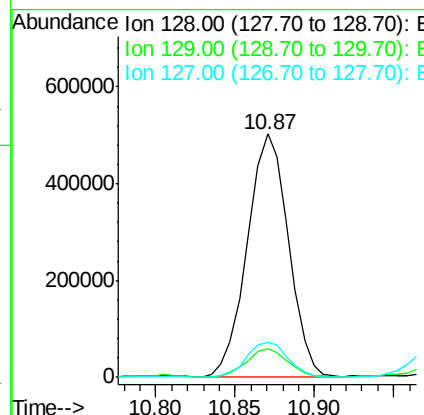
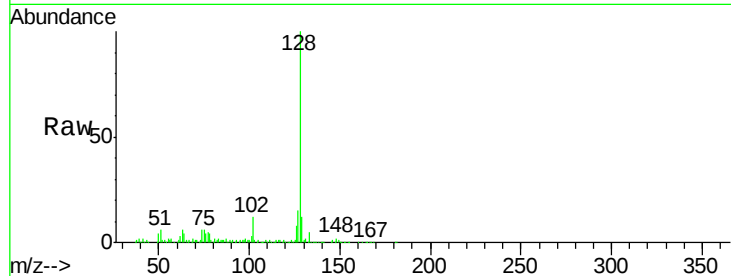
#31  
Naphthalene  
Concen: 57.45 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. 0.00 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 11.6  | 9.4        | 14.2       |
| 127     | 14.6  | 10.8       | 16.2       |

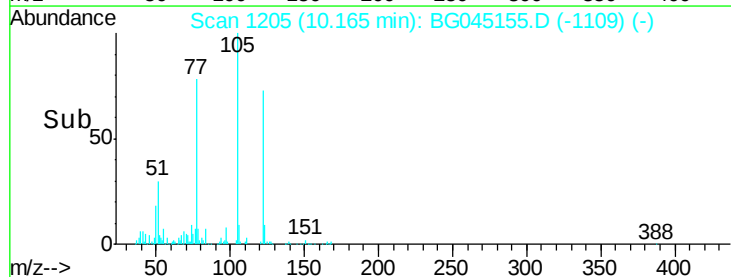
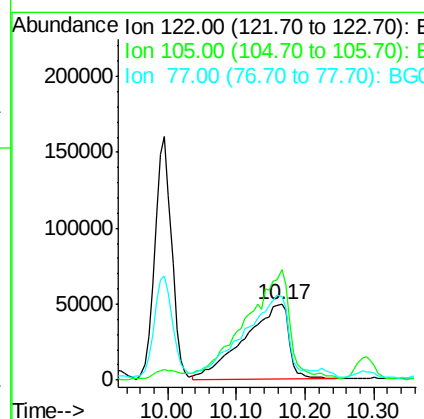
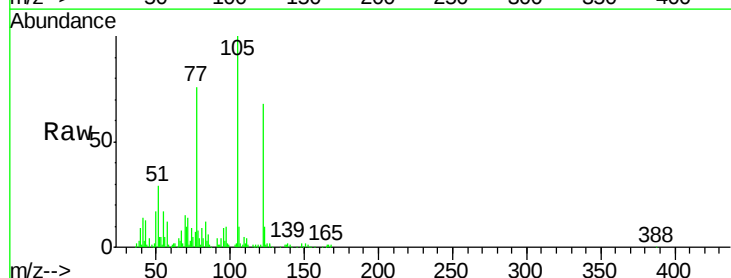
Manual Integrations  
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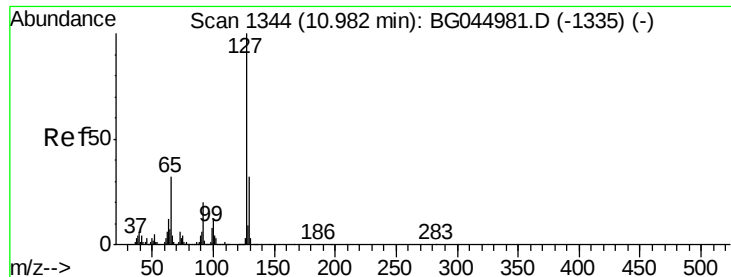
mohammad  
4/24/2020 1:35:21 PM



#32  
Benzoic acid  
Concen: 60.94 ng  
RT: 10.17 min Scan# 1205  
Delta R.T. 0.03 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 105     | 146.1 | 108.4      | 148.4      |
| 77      | 110.9 | 78.8       | 118.8      |





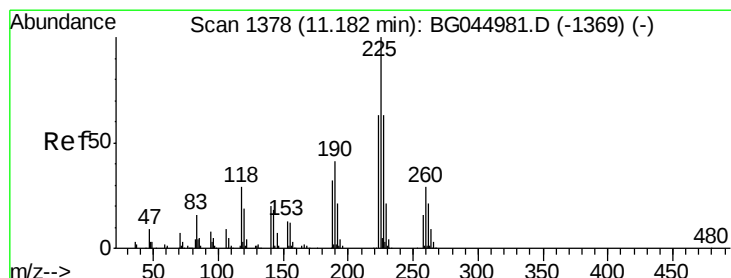
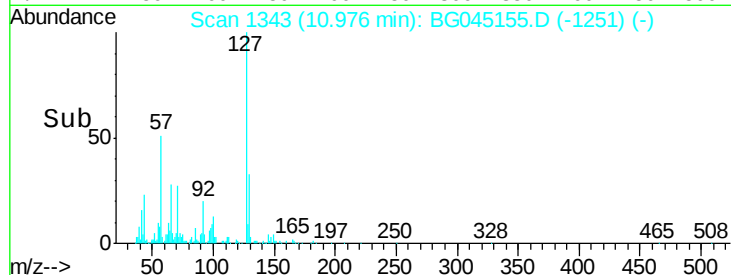
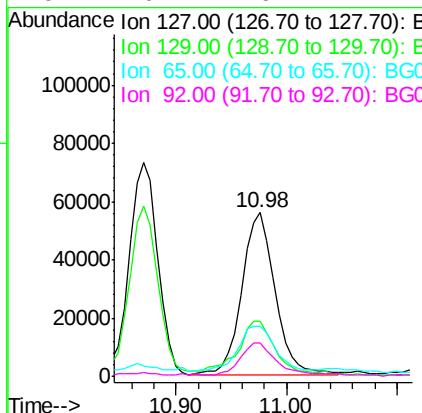
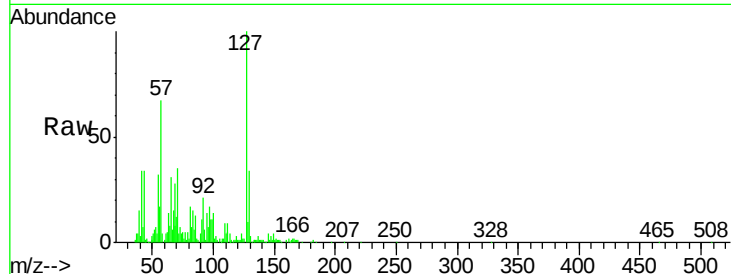
#33  
4-Chloroaniline  
Concen: 15.94 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.5  | 25.7  | 38.5  |
| 65      | 30.5  | 25.4  | 38.2  |
| 92      | 20.7  | 16.1  | 24.1  |

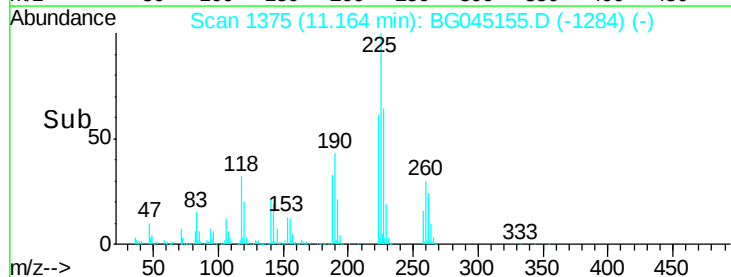
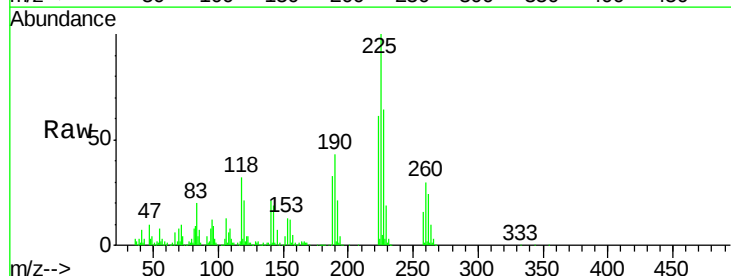
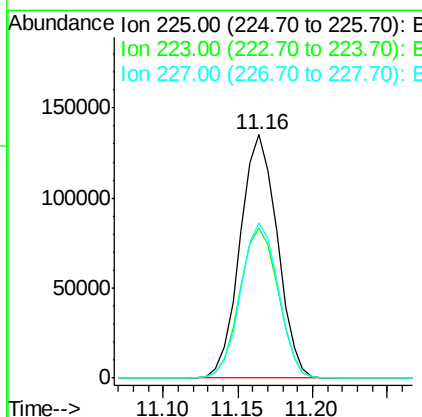
Manual Integrations  
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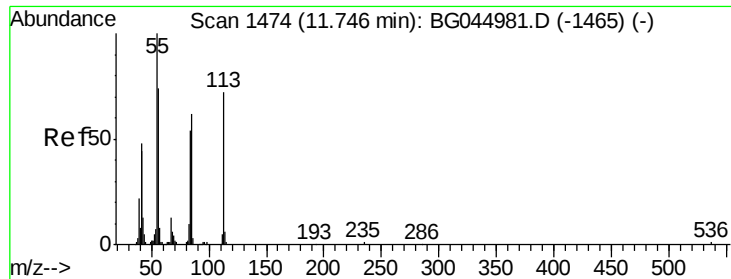
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 58.99 ng  
RT: 11.16 min Scan# 1375  
Delta R.T. 0.00 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.4  | 50.7  | 76.1  |
| 227     | 63.7  | 50.2  | 75.2  |





#35

Caprolactam

Concen: 44.31 ng m

RT: 11.76 min Scan# 1476

Delta R.T. 0.02 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

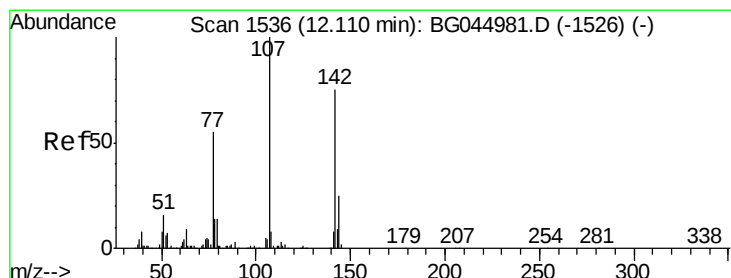
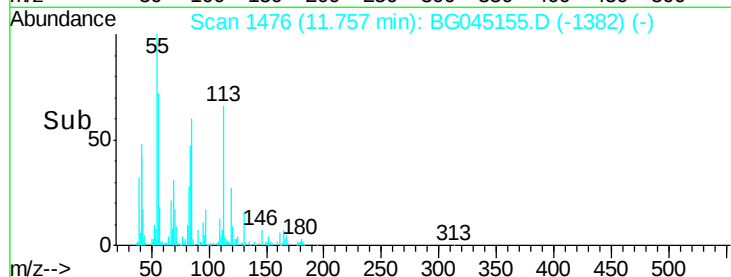
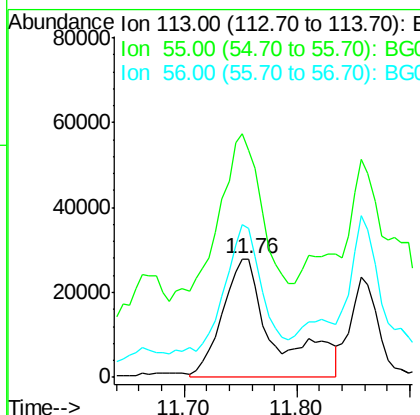
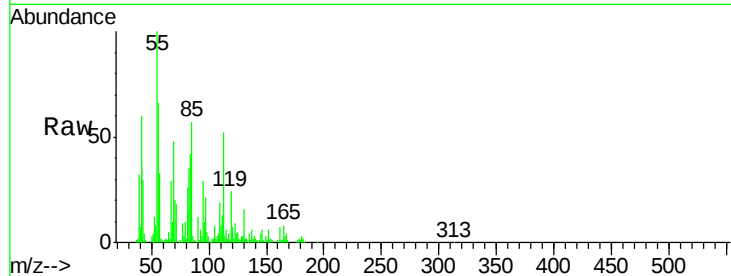
ClientSampleId :

6MSD

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 191.4 | 118.8 | 158.8# |
| 56      | 125.9 | 82.6  | 122.6# |

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#36

4-Chloro-3-methylphenol

Concen: 56.52 ng

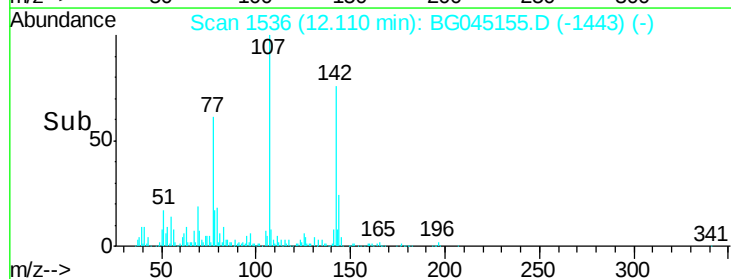
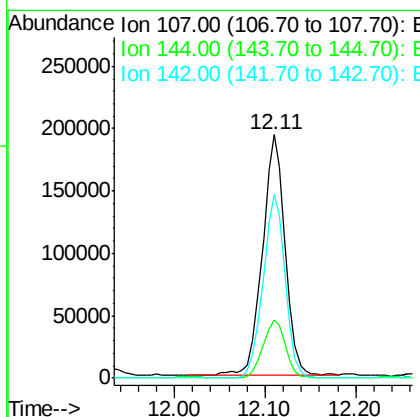
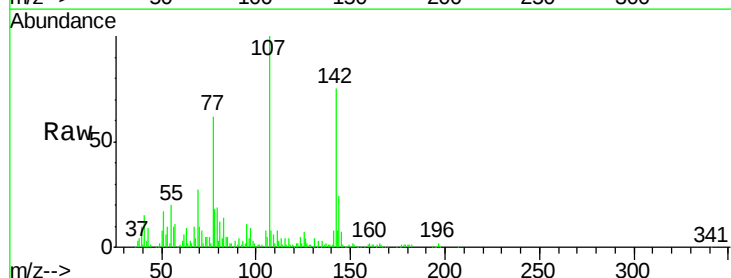
RT: 12.11 min Scan# 1536

Delta R.T. 0.02 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.0  | 19.8  | 29.6  |
| 142     | 75.3  | 59.7  | 89.5  |





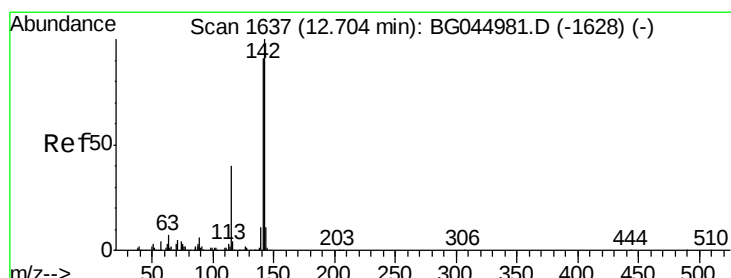
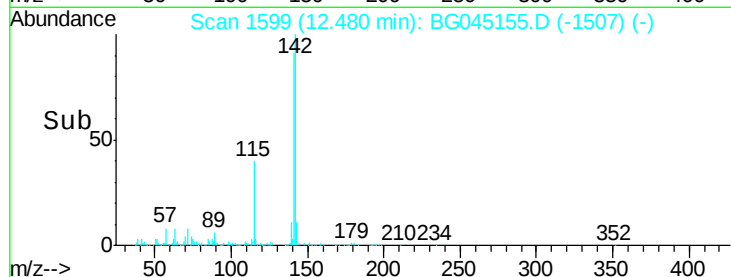
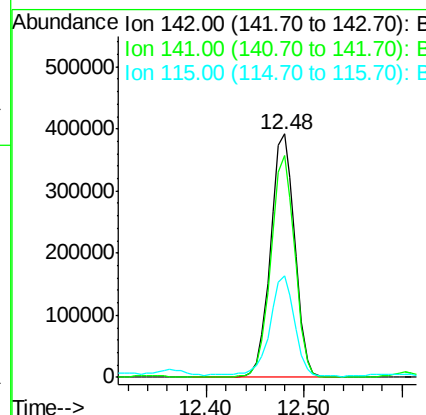
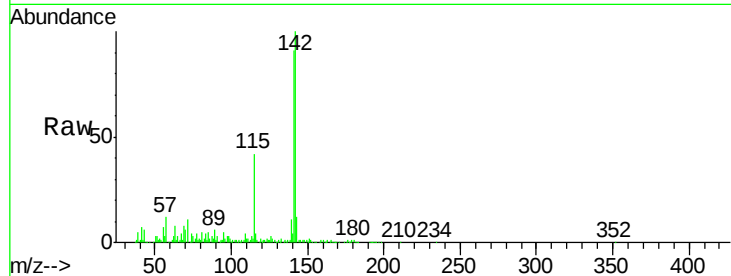
#37  
2-Methylnaphthalene  
Concen: 55.64 ng  
RT: 12.48 min Scan# 1599  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.9  | 70.3  | 105.5 |
| 115     | 41.7  | 29.8  | 44.6  |

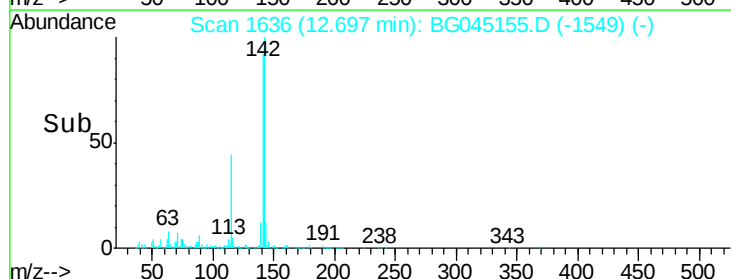
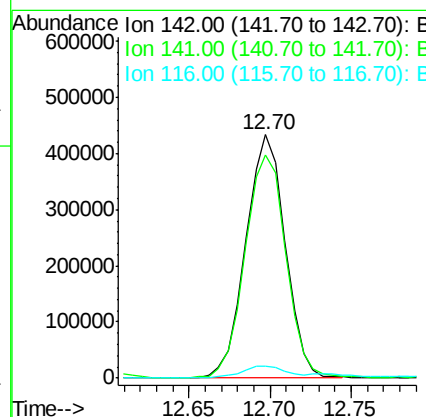
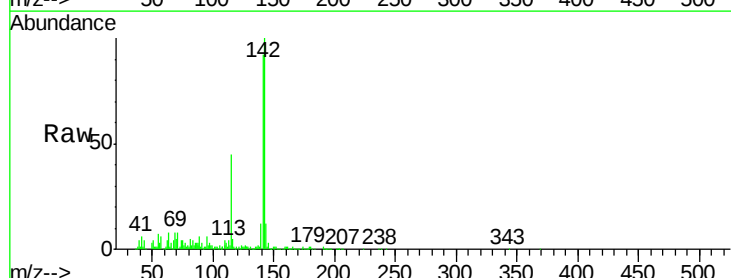
Manual Integrations  
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4/24/2020 1:35:21 PM



#38  
1-Methylnaphthalene  
Concen: 63.55 ng m  
RT: 12.70 min Scan# 1636  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.8  | 72.7  | 109.1 |
| 116     | 4.9   | 3.1   | 4.7#  |





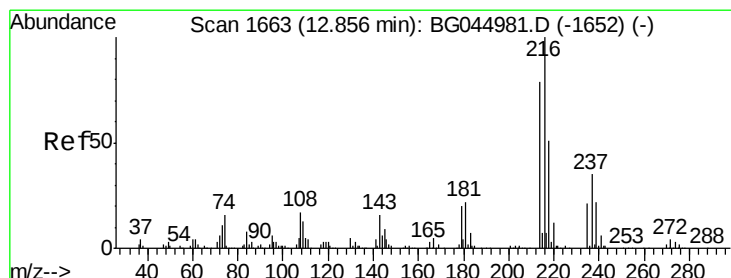
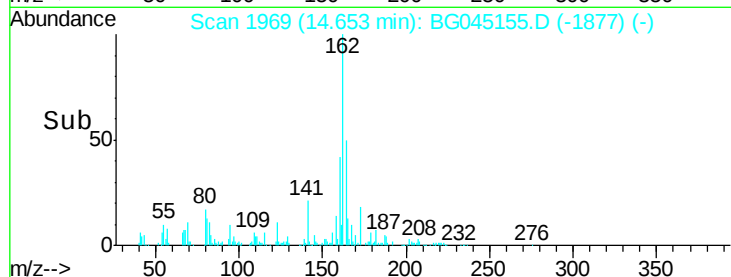
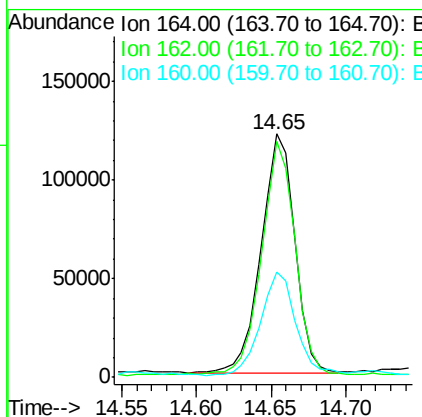
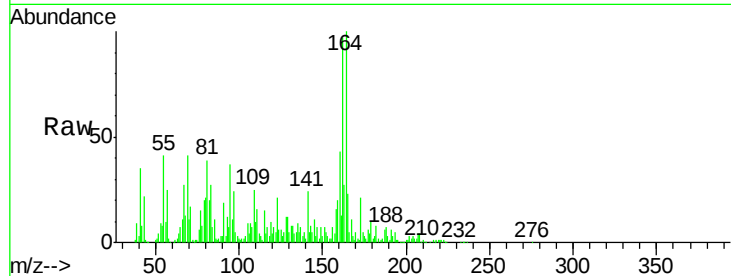
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.65 min Scan# 1969  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 188661 |       |       |
| 162     | 96.8  | 78.7   | 118.1 |       |
| 160     | 43.4  | 32.8   | 49.2  |       |

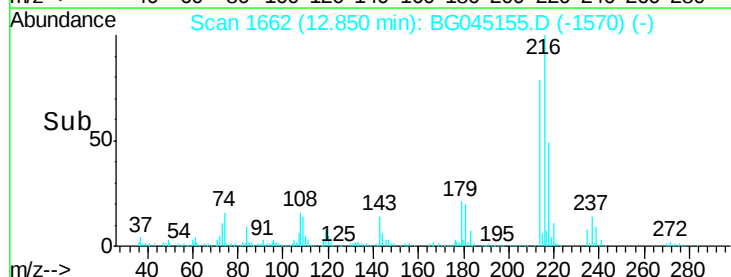
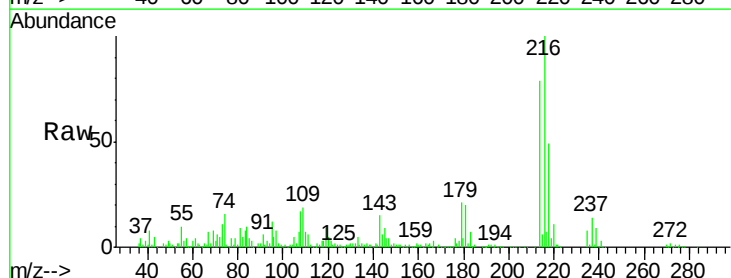
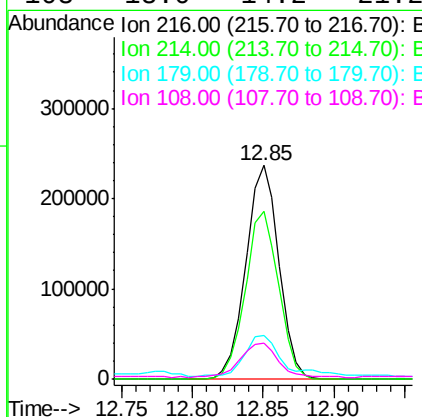
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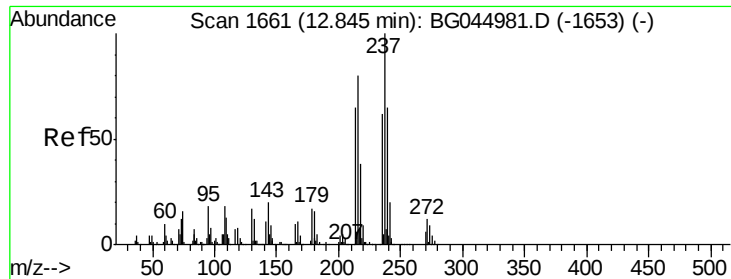
mohammad  
4/24/2020 1:35:21 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 63.70 ng  
RT: 12.85 min Scan# 1662  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 386941 |       |       |
| 214     | 79.2  | 63.0   | 94.6  |       |
| 179     | 23.0  | 15.8   | 23.8  |       |
| 108     | 18.0  | 14.2   | 21.2  |       |





#41

Hexachlorocyclopentadiene

Concen: 60.61 ng

RT: 12.83 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

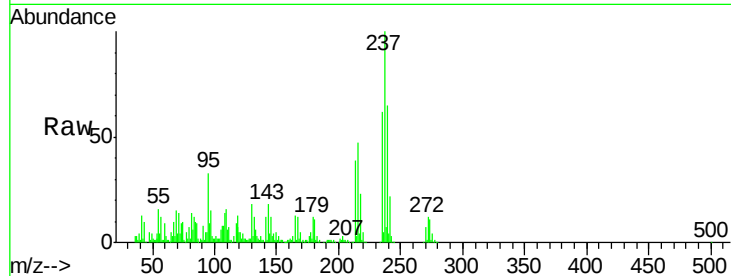
ClientSampleId :

6MSD

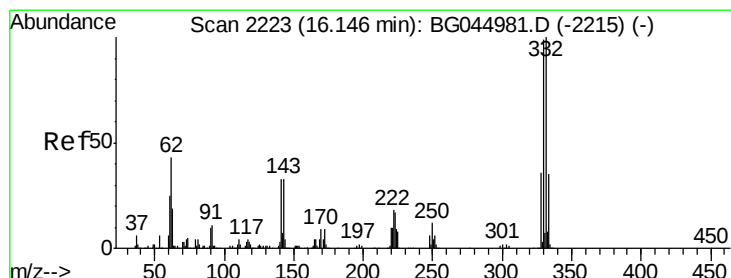
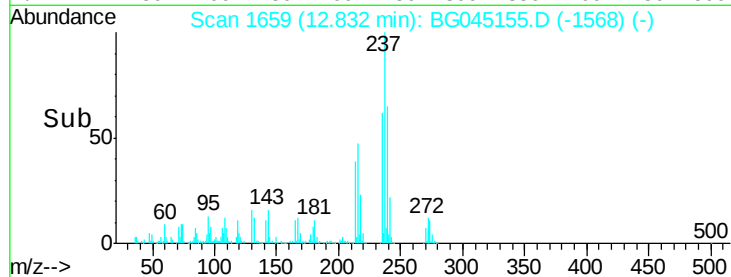
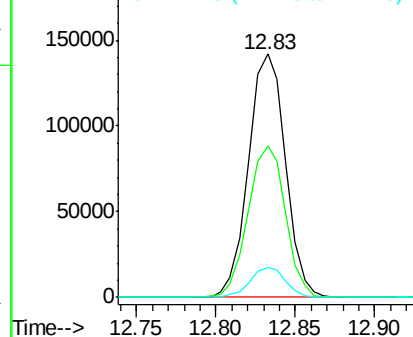
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 230117 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.2  | 41.6  | 81.6   |
| 272       | 12.1  | 0.0   | 32.1   |

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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: 119.34 ng

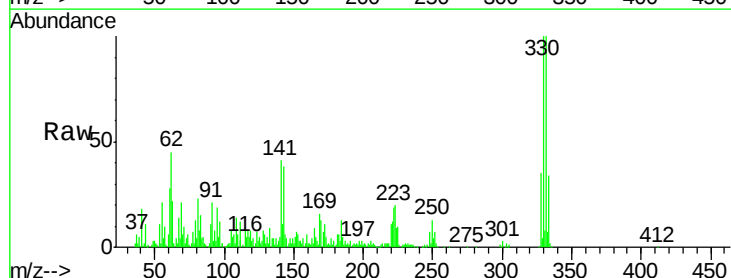
RT: 16.15 min Scan# 2223

Delta R.T. 0.01 min

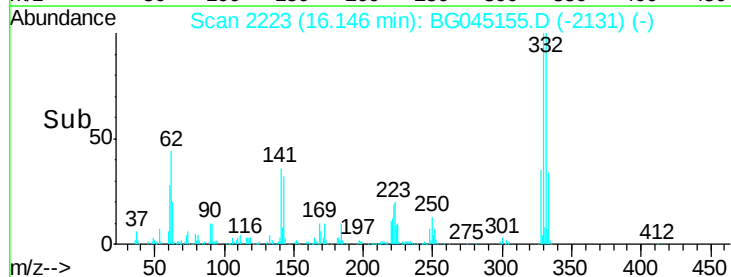
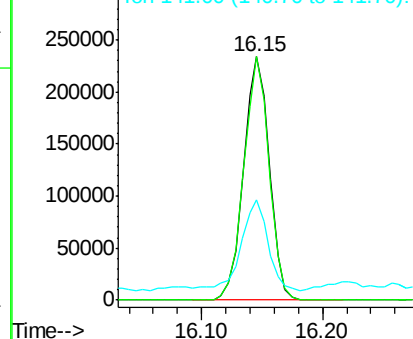
Lab File: BG045155.D

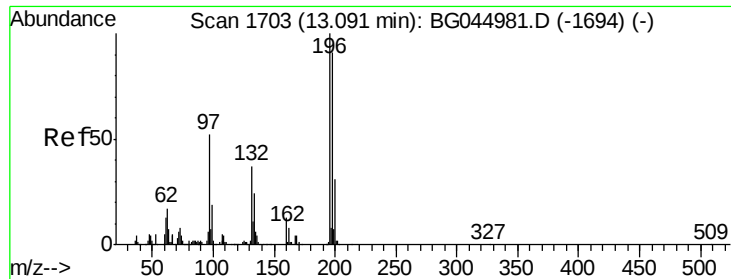
Acq: 23 Apr 2020 23:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 347825 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.9  | 79.1  | 118.7  |
| 141       | 38.8  | 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





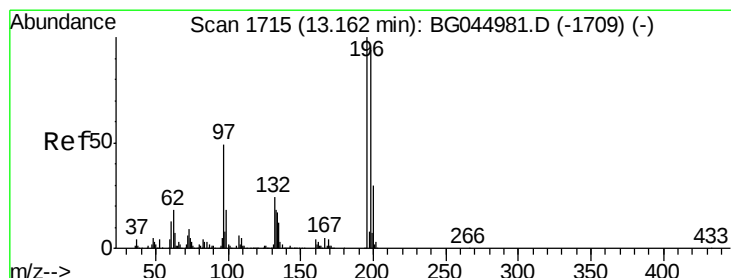
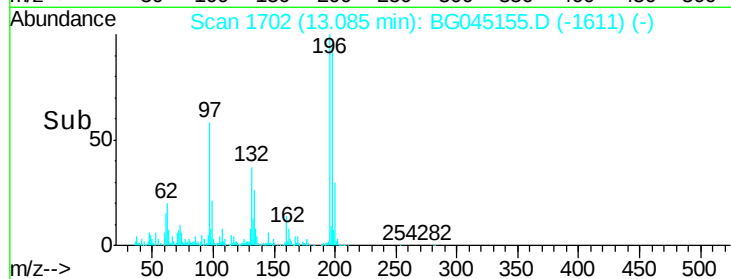
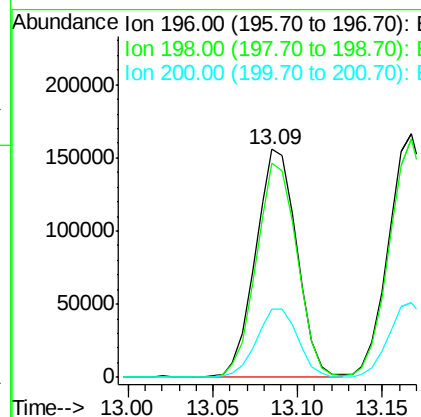
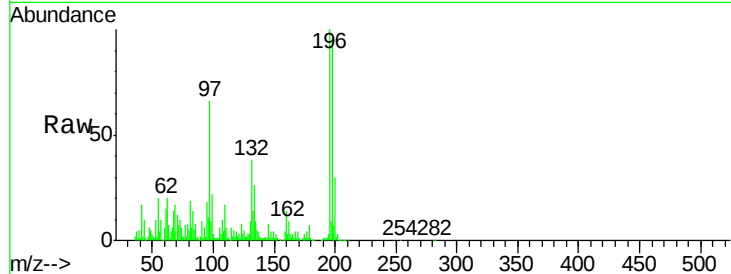
#43  
 2,4,6-Trichlorophenol  
 Concen: 61.52 ng  
 RT: 13.09 min Scan# 1702  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 263737 |       |       |
| 198     | 93.8  | 72.5   | 108.7 |       |
| 200     | 30.2  | 24.5   | 36.7  |       |

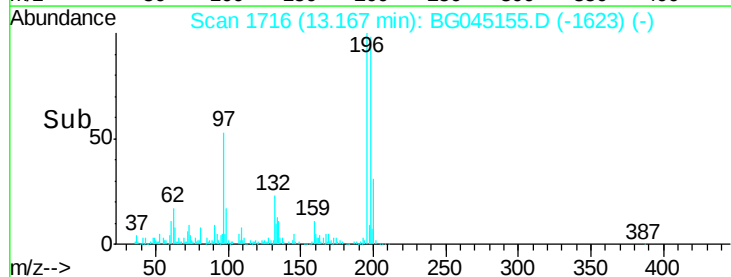
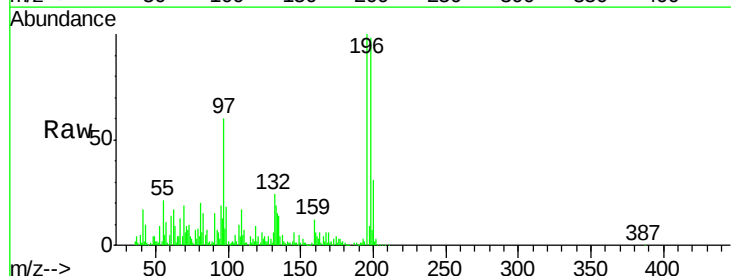
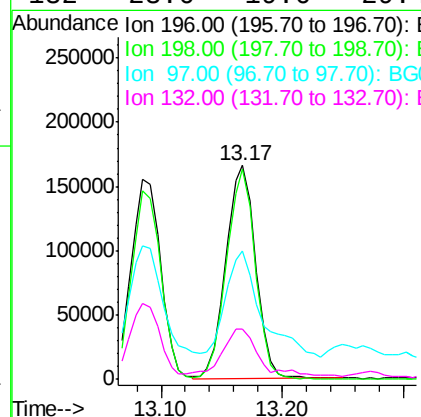
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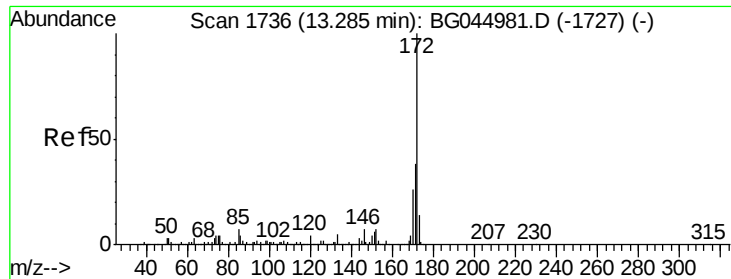
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 57.65 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. 0.02 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 281313 |       |       |
| 198     | 98.0  | 75.7   | 113.5 |       |
| 97      | 60.0  | 39.6   | 59.4  |       |
| 132     | 23.6  | 19.6   | 29.4  |       |





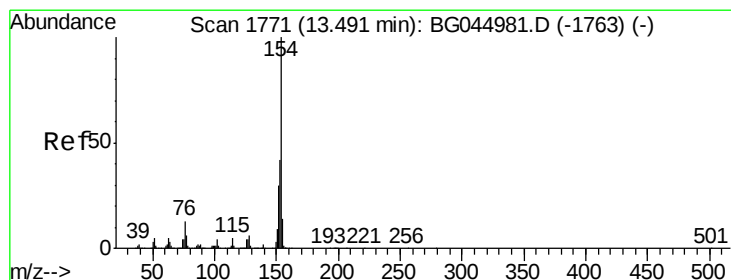
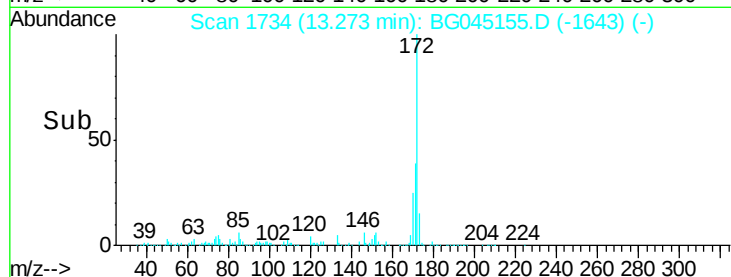
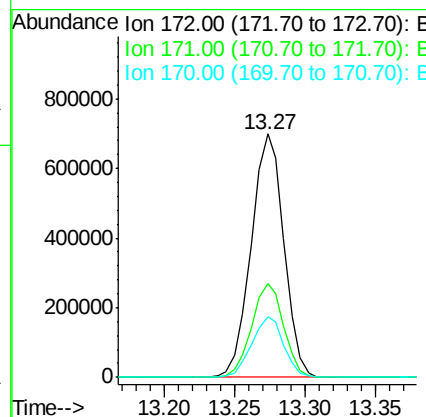
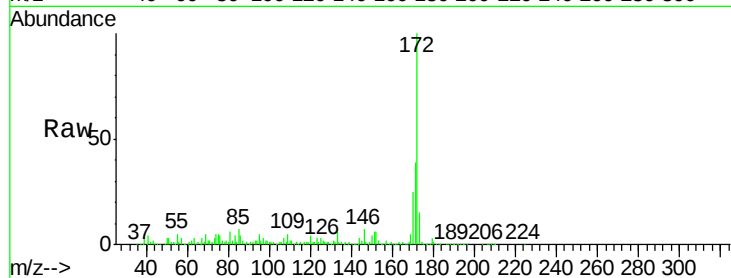
#45  
 2-Fluorobiphenyl  
 Concen: 87.93 ng  
 RT: 13.27 min Scan# 1734  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.7  | 30.6  | 46.0  |
| 170     | 25.1  | 20.5  | 30.7  |

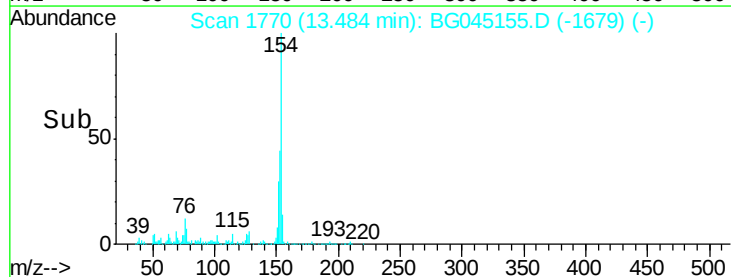
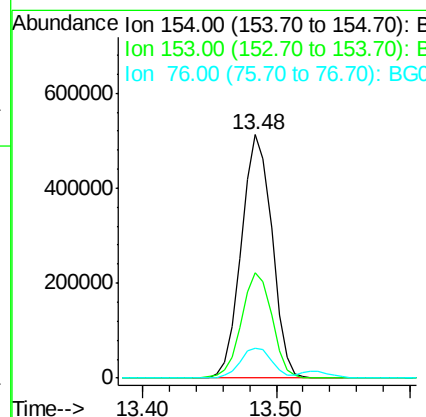
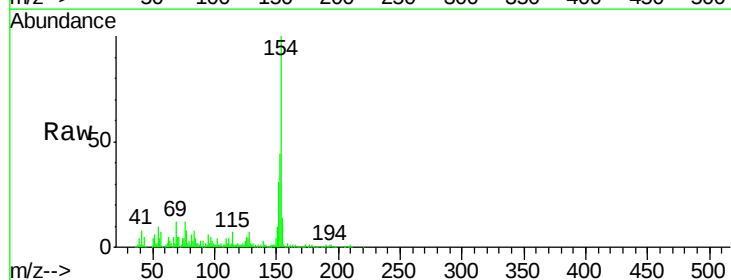
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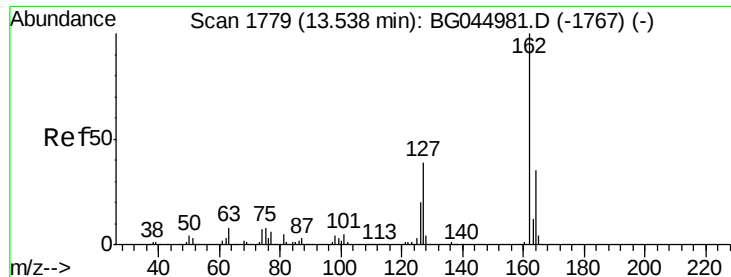
mohammad  
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#46  
 1,1'-Biphenyl  
 Concen: 56.51 ng  
 RT: 13.48 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.5  | 21.9  | 61.9  |
| 76      | 12.4  | 0.0   | 33.1  |





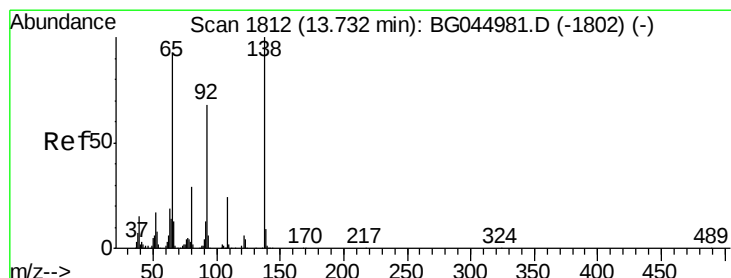
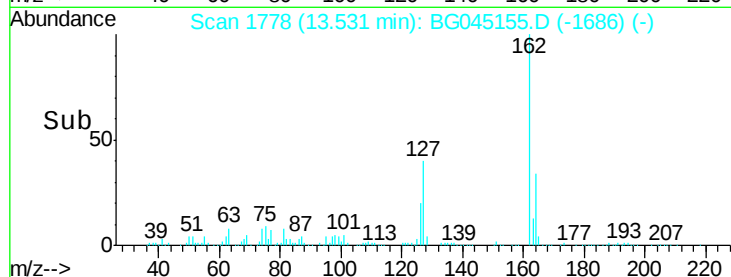
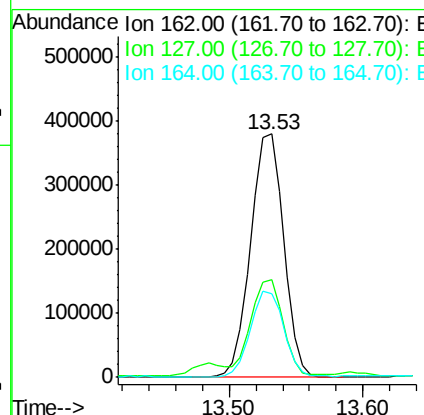
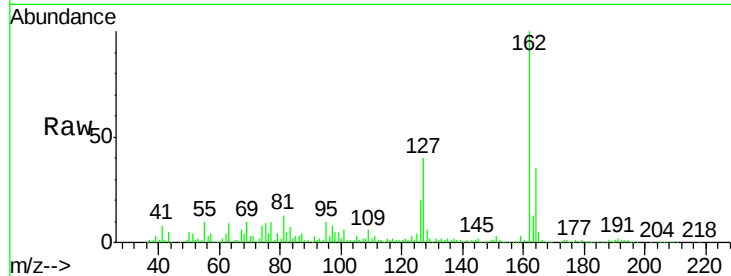
#47  
2-Chloronaphthalene  
Concen: 59.13 ng  
RT: 13.53 min Scan# 1778  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.2  | 31.3  | 46.9  |
| 164     | 34.5  | 27.8  | 41.8  |

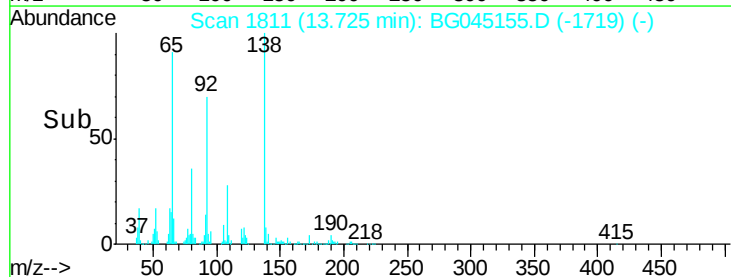
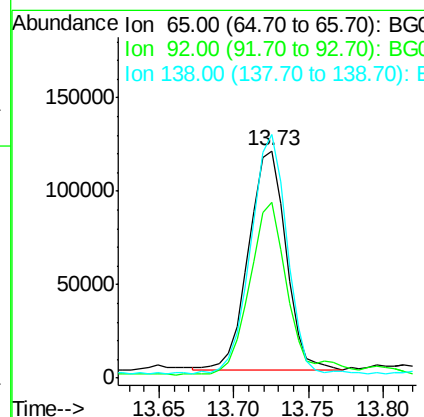
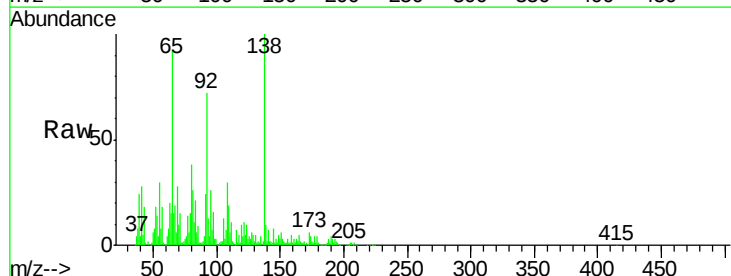
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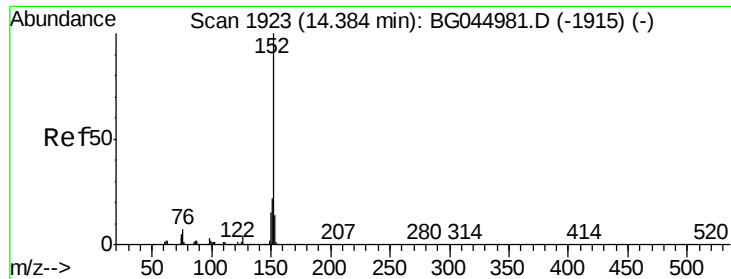
mohammad  
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#48  
2-Nitroaniline  
Concen: 56.51 ng  
RT: 13.73 min Scan# 1811  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 77.6  | 58.3  | 87.5  |
| 138     | 107.2 | 85.6  | 128.4 |





#49

Acenaphthylene

Concen: 56.32 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

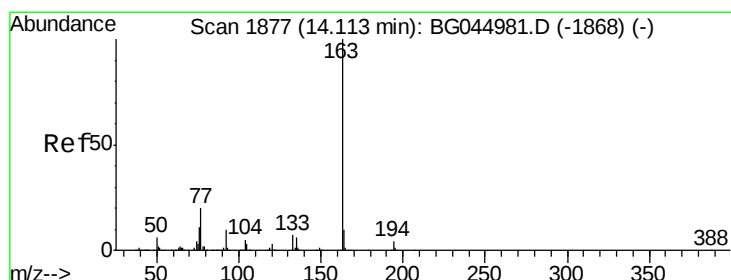
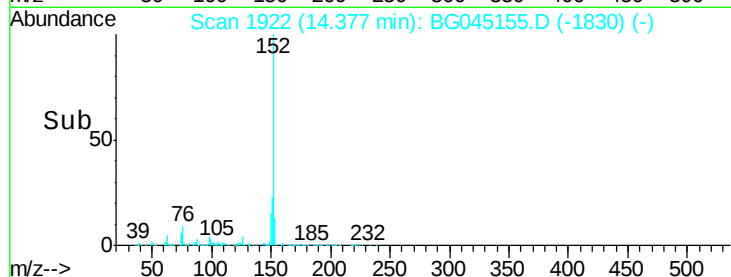
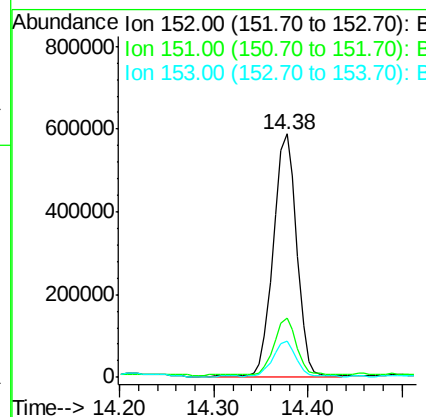
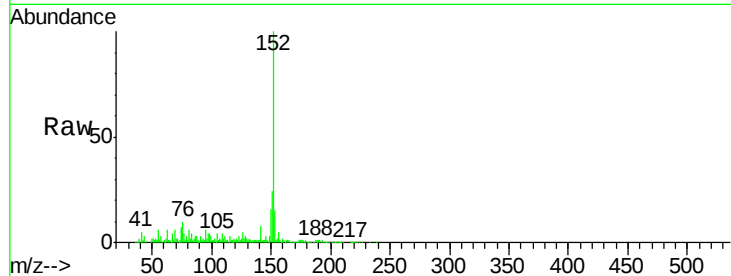
ClientSampleId :

6MSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 152   | Resp: | 1005118 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 24.1  | 17.2  | 25.8    |
| 153       | 14.9  | 11.0  | 16.4    |

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#50

Dimethylphthalate

Concen: 65.78 ng

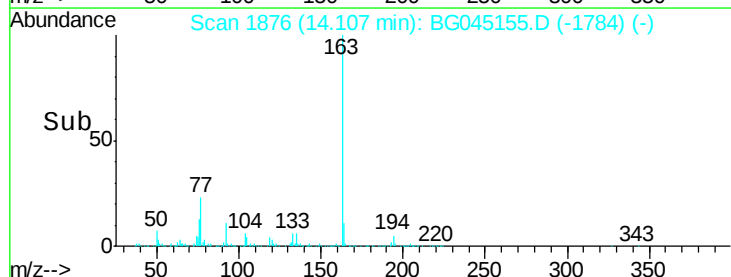
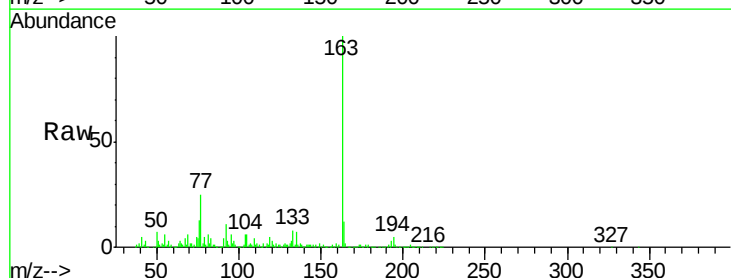
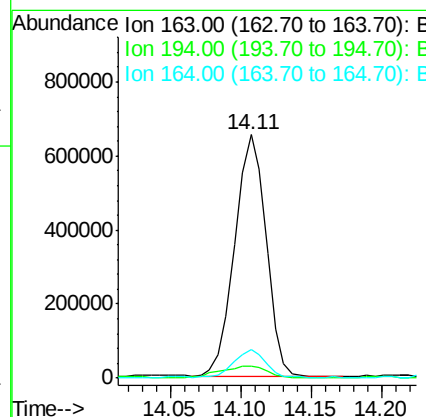
RT: 14.11 min Scan# 1876

Delta R.T. 0.01 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 163   | Resp: | 1010541 |
| Ion Ratio | Lower | Upper |         |
| 163       | 100   |       |         |
| 194       | 5.0   | 3.5   | 5.3     |
| 164       | 11.6  | 8.2   | 12.4    |





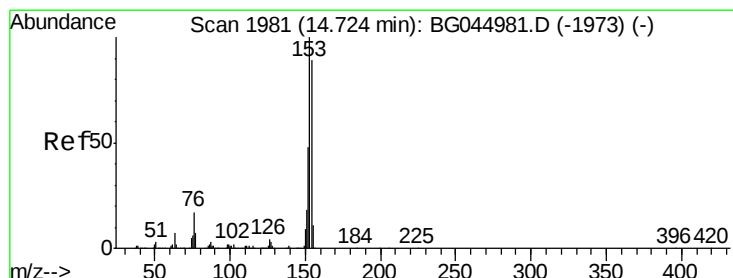
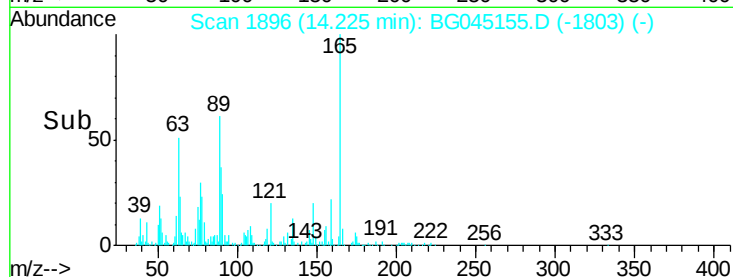
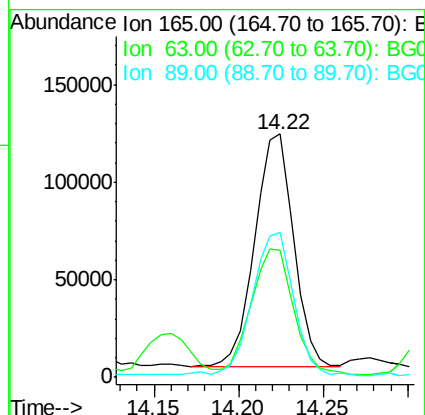
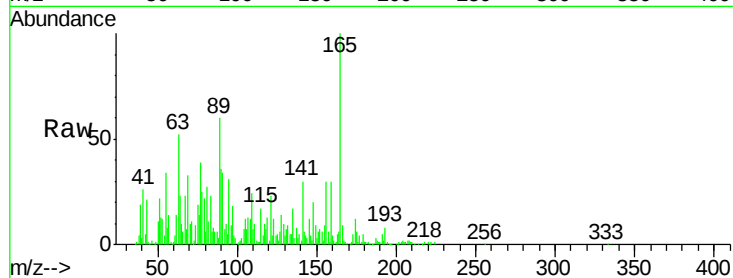
#51  
 2,6-Dinitrotoluene  
 Concen: 54.93 ng  
 RT: 14.22 min Scan# 1896  
 Delta R.T. 0.02 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 188738 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 52.0  | 40.4  | 60.6   |
| 89        | 59.7  | 49.1  | 73.7   |

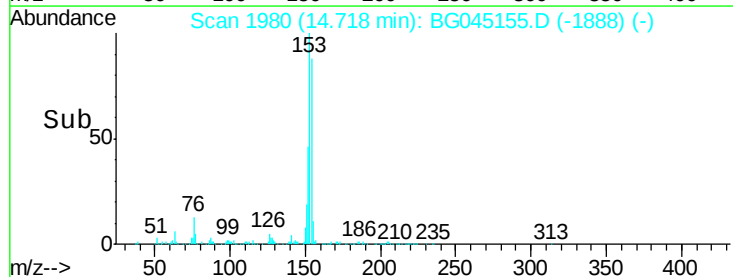
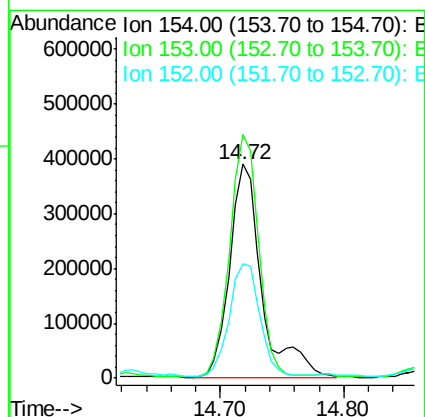
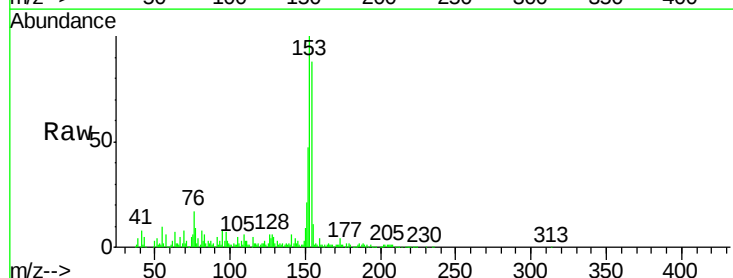
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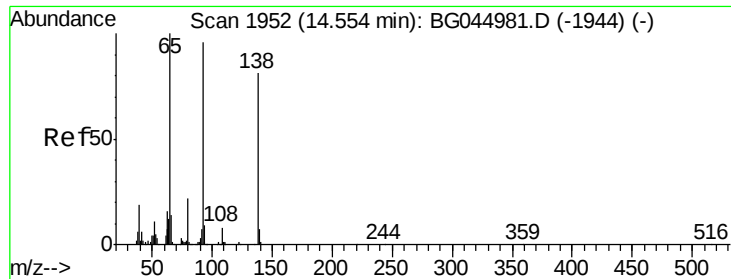
mohammad  
 4/24/2020 1:35:21 PM



#52  
 Acenaphthene  
 Concen: 59.49 ng m  
 RT: 14.72 min Scan# 1980  
 Delta R.T. 0.01 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 718404 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.0 | 89.7  | 134.5  |
| 152       | 53.3  | 43.1  | 64.7   |





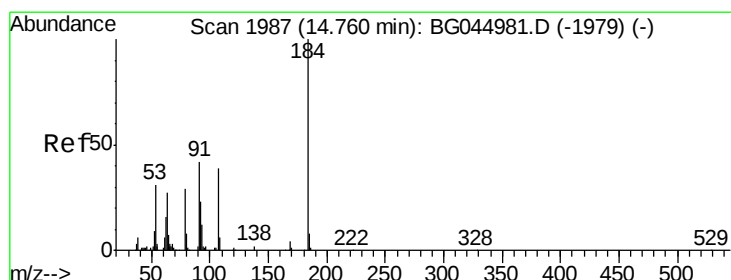
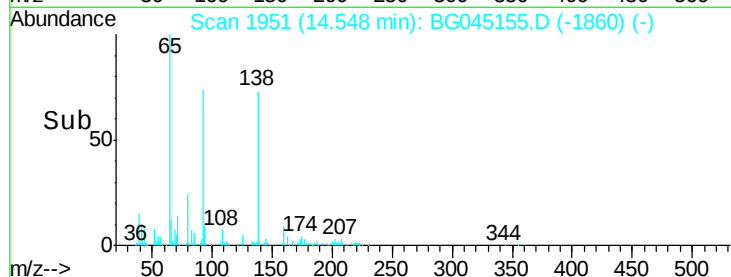
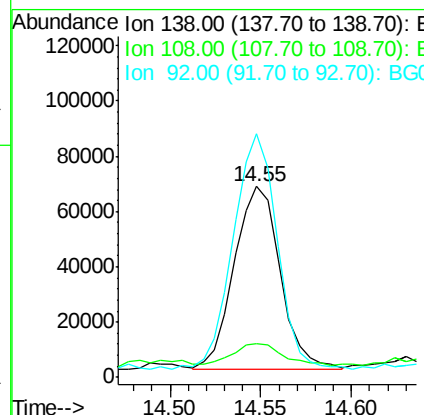
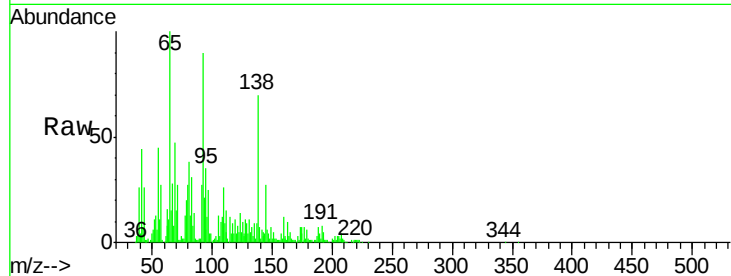
#53  
 3-Nitroaniline  
 Concen: 31.17 ng  
 RT: 14.55 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 17.4  | 7.8   | 11.8# |
| 92      | 127.4 | 94.5  | 141.7 |

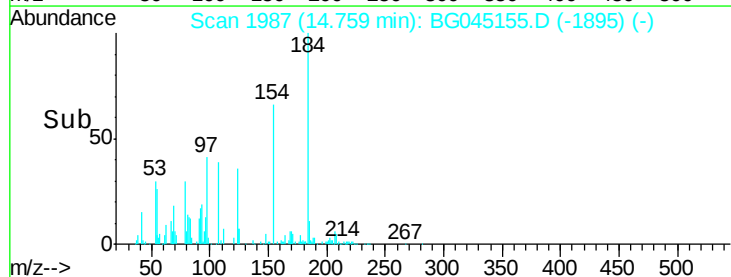
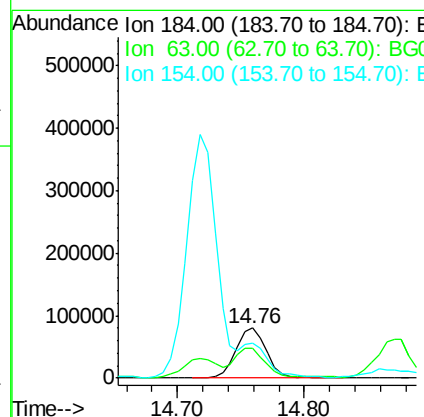
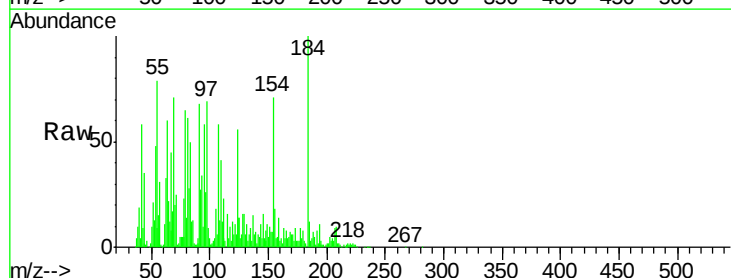
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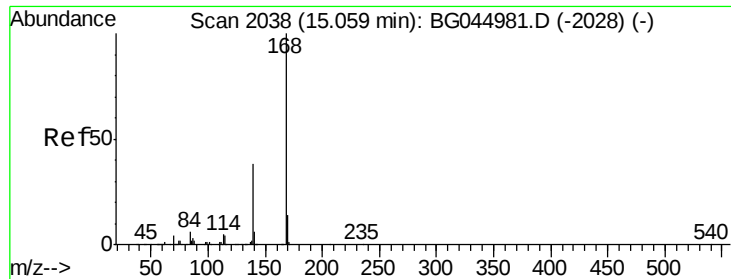
mohammad  
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#54  
 2,4-Dinitrophenol  
 Concen: 64.80 ng  
 RT: 14.76 min Scan# 1987  
 Delta R.T. 0.01 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 60.1  | 41.5  | 62.3  |
| 154     | 70.9  | 52.3  | 78.5  |





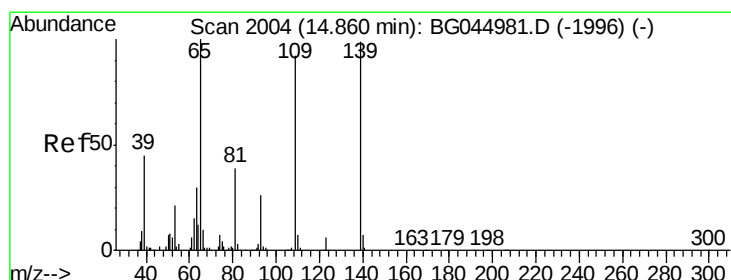
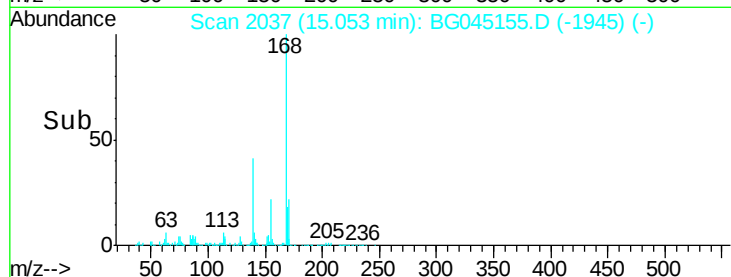
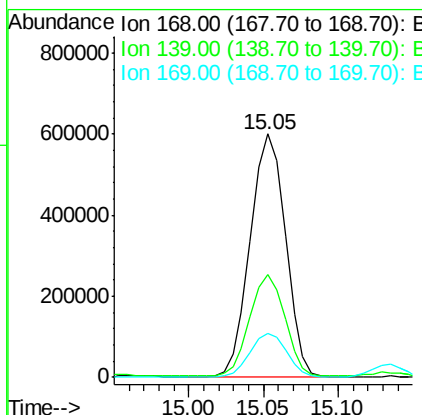
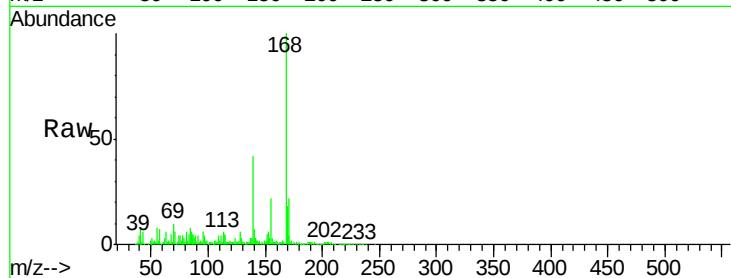
#55  
Dibenzofuran  
Concen: 55.78 ng  
RT: 15.05 min Scan# 2037  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 981996 |       |       |
| 139     | 42.1  | 30.4   | 45.6  |       |
| 169     | 18.1  | 11.0   | 16.4  |       |

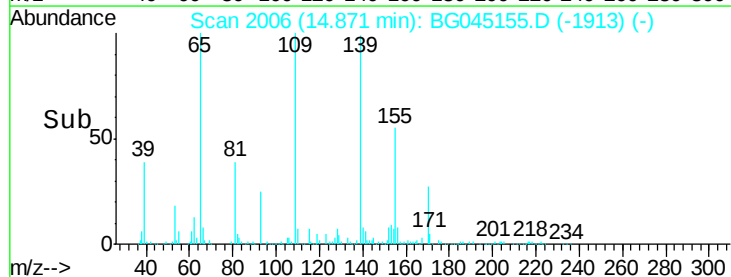
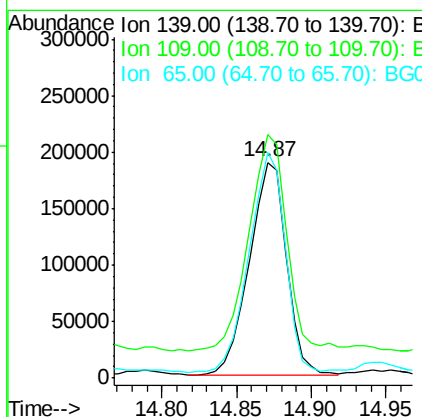
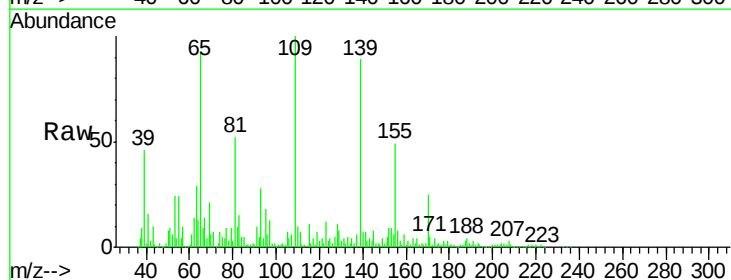
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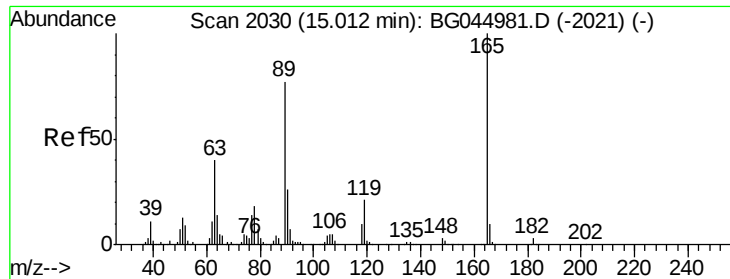
mohammad  
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#56  
4-Nitrophenol  
Concen: 110.01 ng  
RT: 14.87 min Scan# 2006  
Delta R.T. 0.02 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 321450 |       |       |
| 109     | 112.7 | 73.6   | 113.6 |       |
| 65      | 104.7 | 81.2   | 121.2 |       |





#57

2,4-Dinitrotoluene

Concen: 51.62 ng

RT: 15.01 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

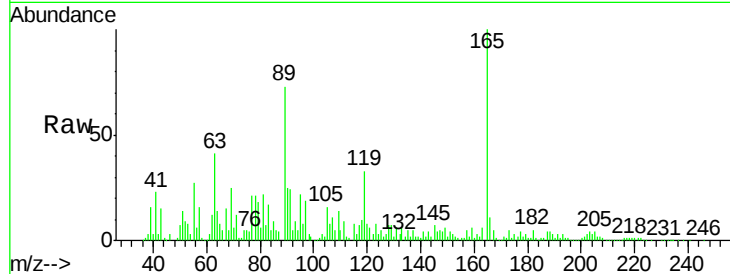
ClientSampleId :

6MSD

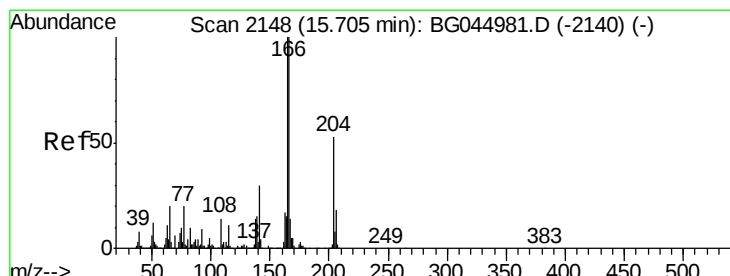
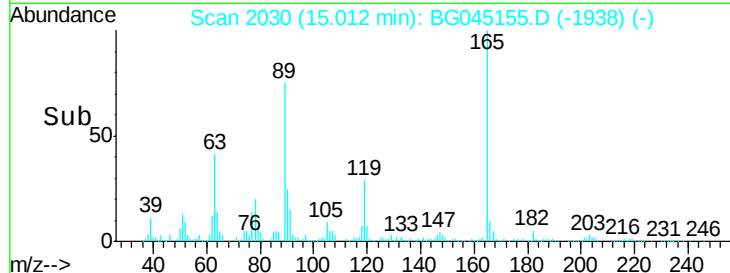
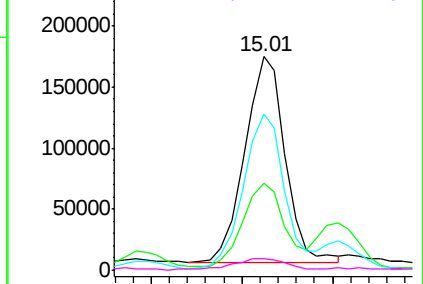
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 259202 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 40.6  | 32.2  | 48.2   |
| 89        | 72.9  | 61.7  | 92.5   |
| 182       | 5.5   | 2.0   | 3.0#   |

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Abundance Ion 165.00 (164.70 to 165.70): E



#58

Fluorene

Concen: 58.38 ng

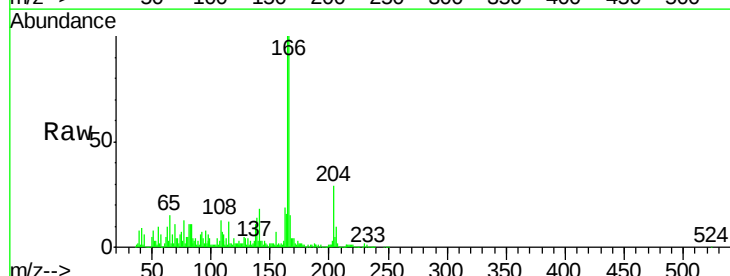
RT: 15.70 min Scan# 2148

Delta R.T. 0.01 min

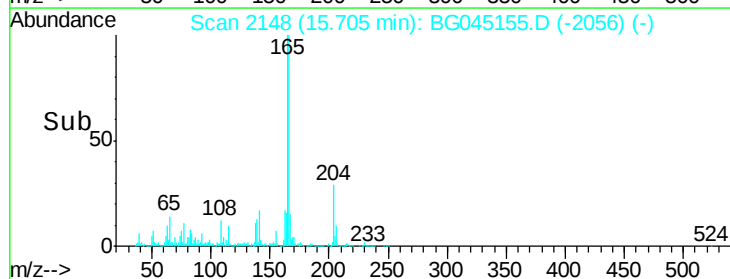
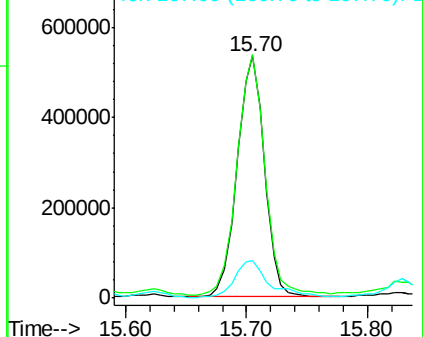
Lab File: BG045155.D

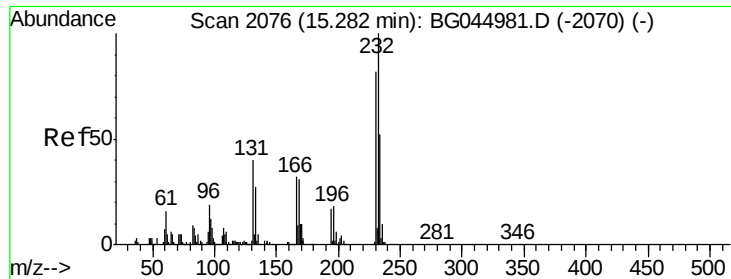
Acq: 23 Apr 2020 23:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 839505 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 100.5 | 79.9  | 119.9  |
| 167       | 15.4  | 11.4  | 17.0   |



Abundance Ion 166.00 (165.70 to 166.70): E





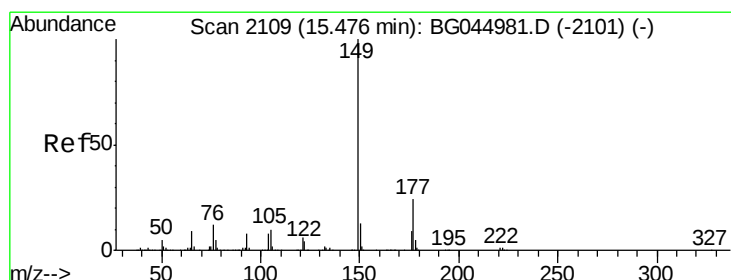
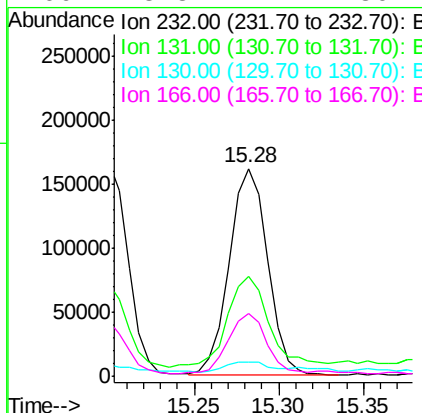
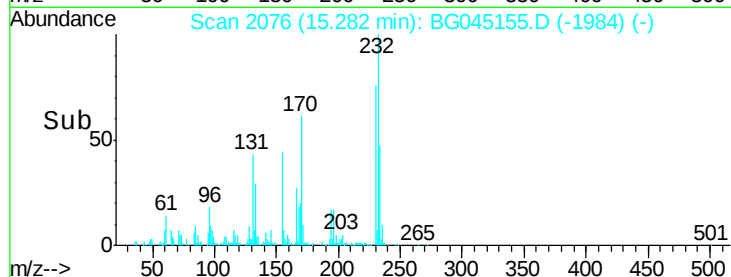
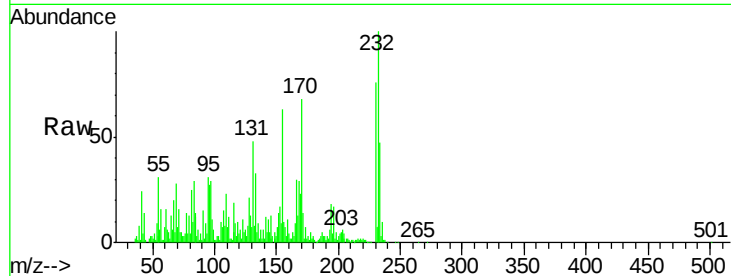
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 58.46 ng  
 RT: 15.28 min Scan# 2076  
 Delta R.T. 0.01 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampled :  
 6MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 253812 |       |       |
| 131     | 49.1  | 32.2   | 48.2# |       |
| 130     | 5.8   | 2.2    | 3.2#  |       |
| 166     | 28.8  | 24.2   | 36.4  |       |

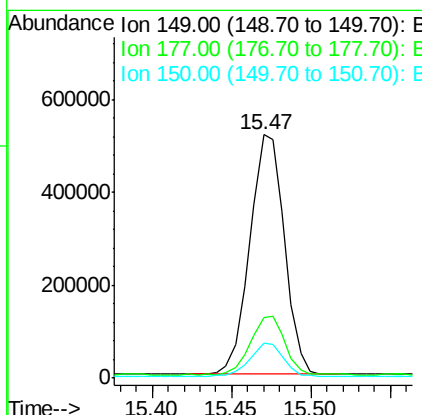
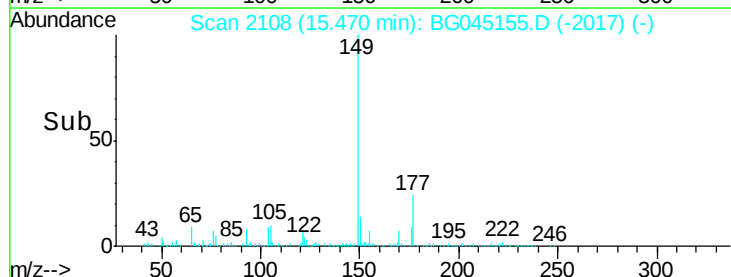
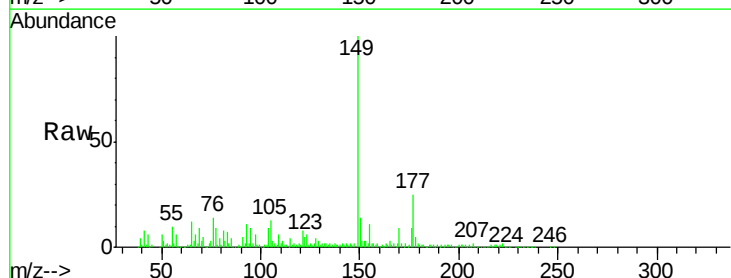
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#60  
 Diethylphthalate  
 Concen: 48.89 ng  
 RT: 15.47 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 783084 |       |       |
| 177     | 25.0  | 18.9   | 28.3  |       |
| 150     | 14.2  | 10.6   | 15.8  |       |





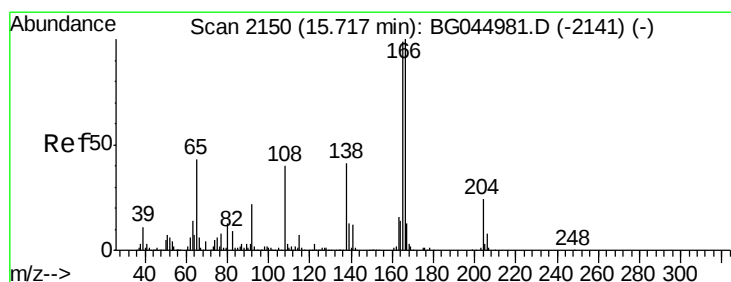
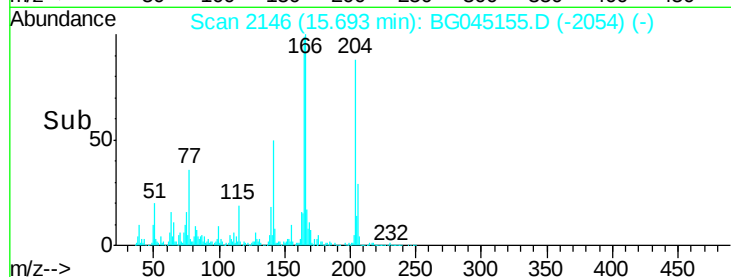
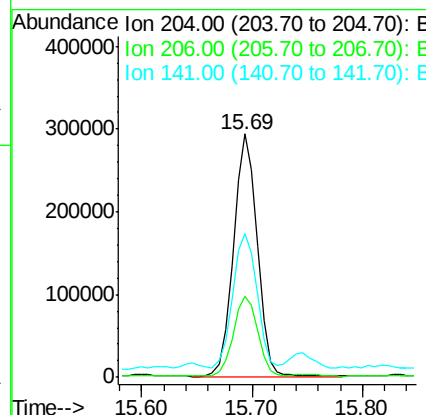
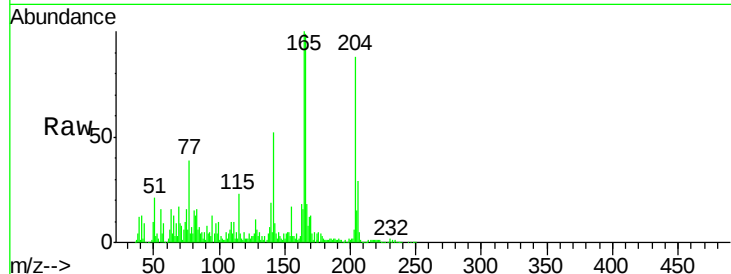
#61  
 4-Chlorophenyl-phenylether  
 Concen: 53.12 ng  
 RT: 15.69 min Scan# 2146  
 Delta R.T. 0.01 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 439638 |       |       |
| 206     | 33.2  | 26.9   | 40.3  |       |
| 141     | 59.0  | 46.3   | 69.5  |       |

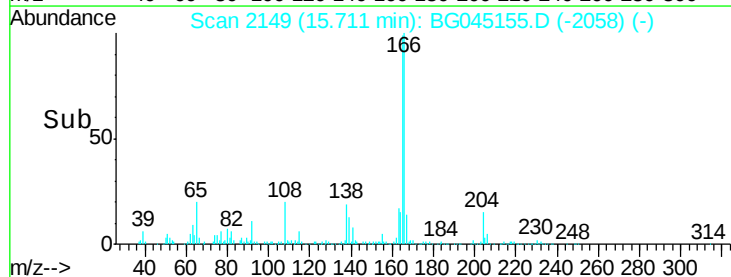
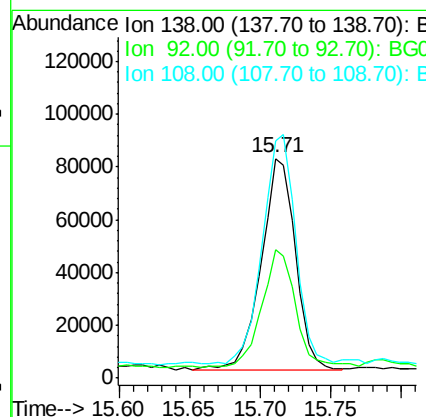
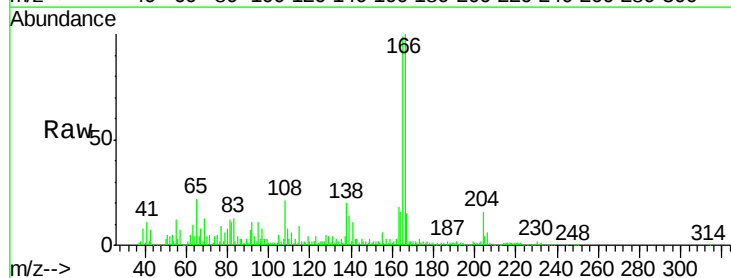
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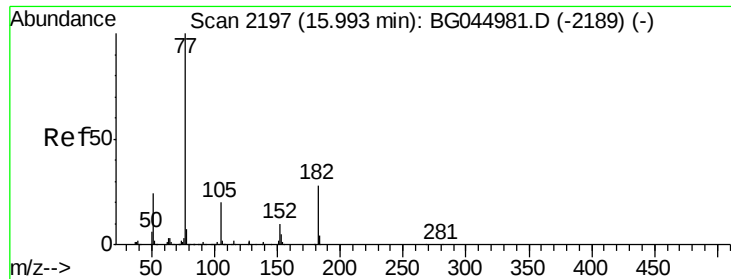
mohammad  
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#62  
 4-Nitroaniline  
 Concen: 34.99 ng  
 RT: 15.71 min Scan# 2149  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 136763 |       |       |
| 92      | 58.5  | 33.6   | 73.6  |       |
| 108     | 108.0 | 78.2   | 118.2 |       |





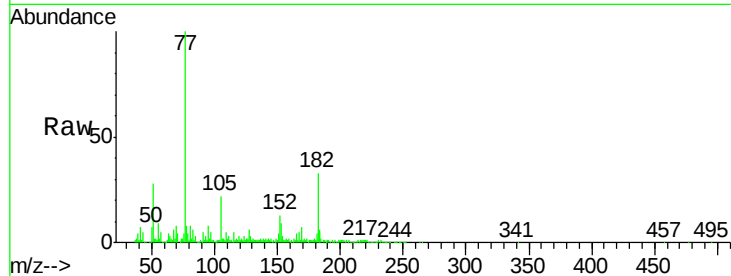
#63  
Azobenzene  
Concen: 52.94 ng  
RT: 15.99 min Scan# 2196  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

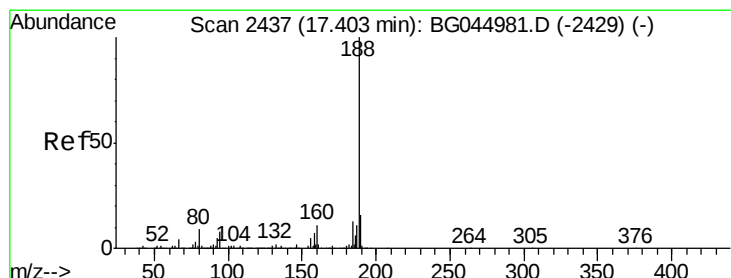
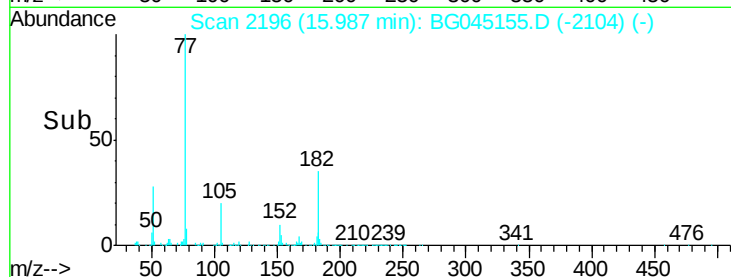
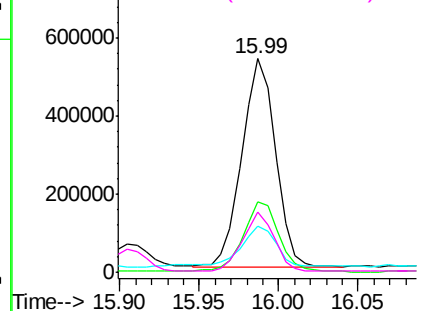
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 33.3  | 8.4   | 48.4  |
| 105     | 21.8  | 0.5   | 40.5  |
| 51      | 28.0  | 4.4   | 44.4  |

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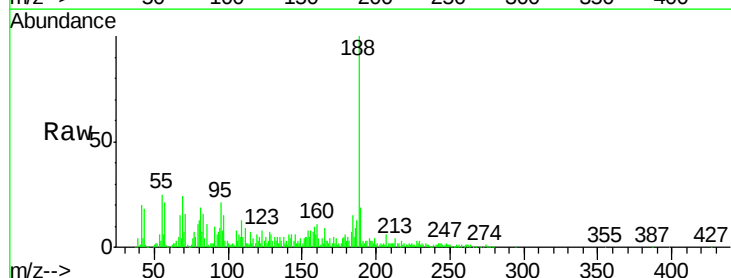


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

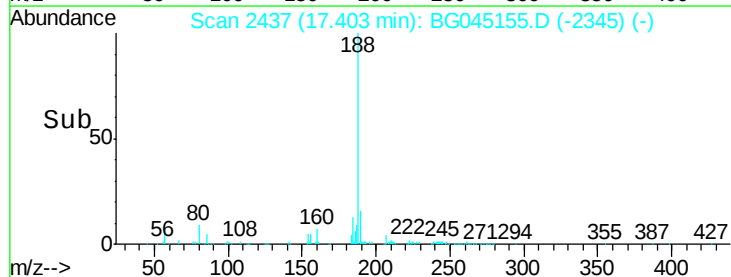
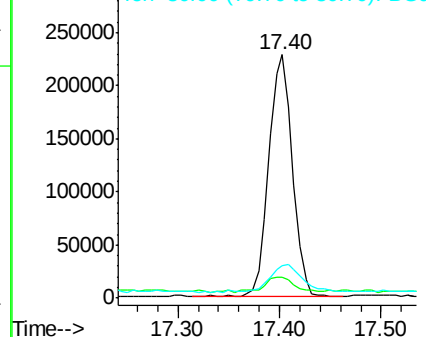


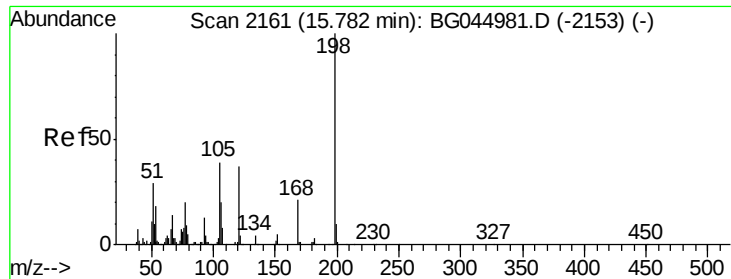
#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.40 min Scan# 2437  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.5   | 6.2   | 9.4   |
| 80      | 13.5  | 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





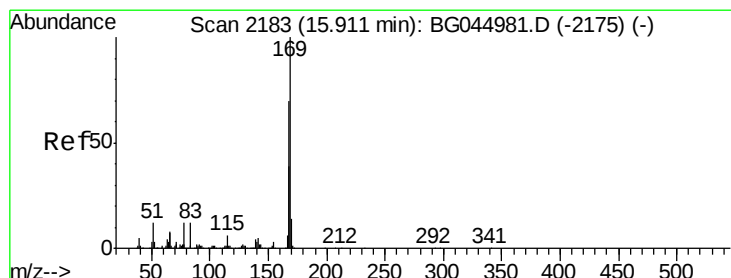
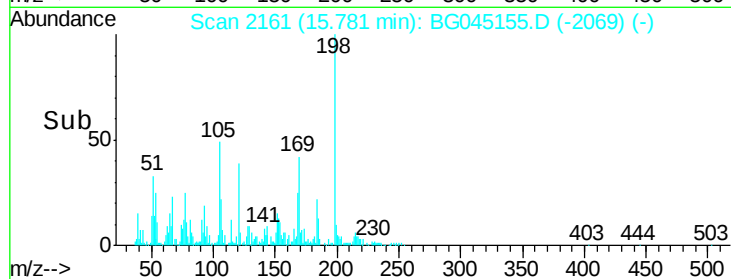
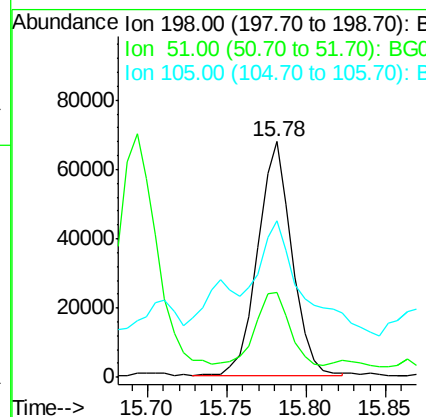
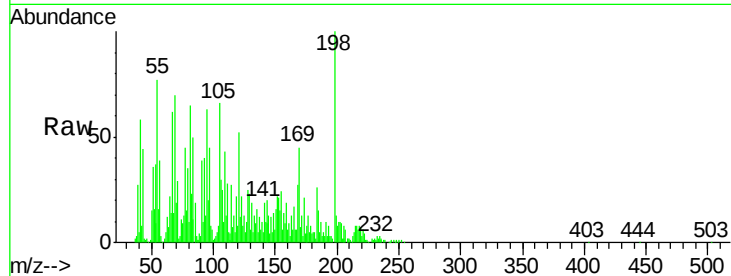
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 41.48 ng  
 RT: 15.78 min Scan# 2161  
 Delta R.T. 0.01 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampled :  
 6MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 100928 |       |       |
| 51      | 35.8  | 10.0   | 50.0  |       |
| 105     | 66.4  | 18.9   | 58.9# |       |

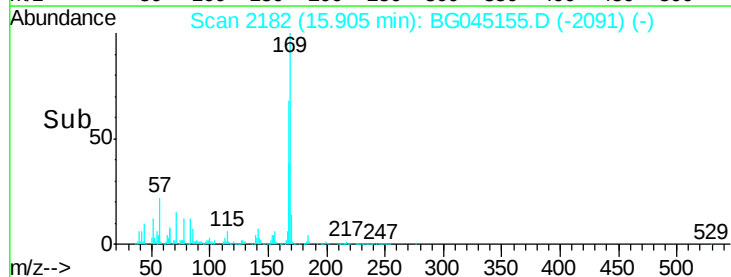
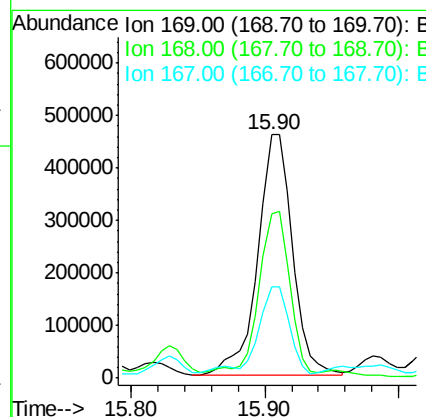
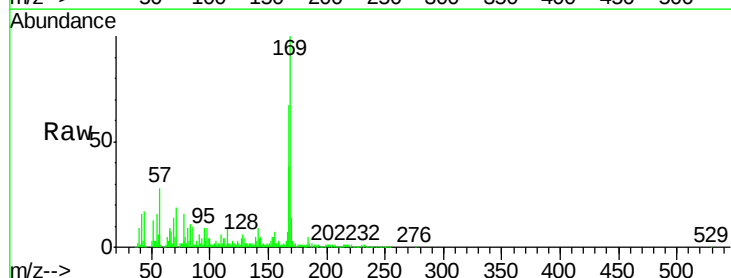
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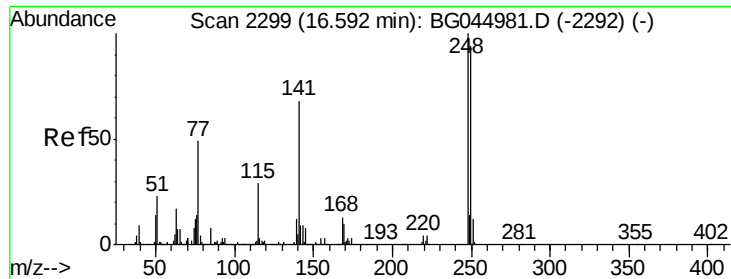
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#66  
 n-Nitrosodiphenylamine  
 Concen: 78.04 ng  
 RT: 15.90 min Scan# 2182  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 830084 |       |       |
| 168     | 67.4  | 55.8   | 83.8  |       |
| 167     | 37.6  | 30.8   | 46.2  |       |





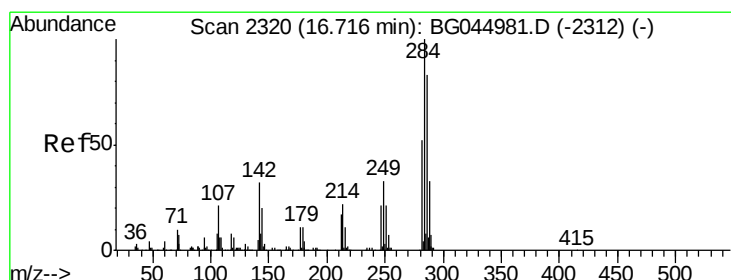
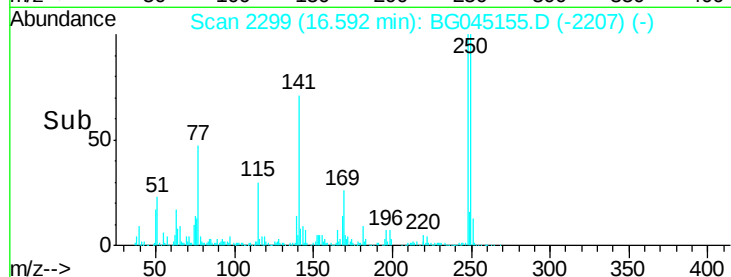
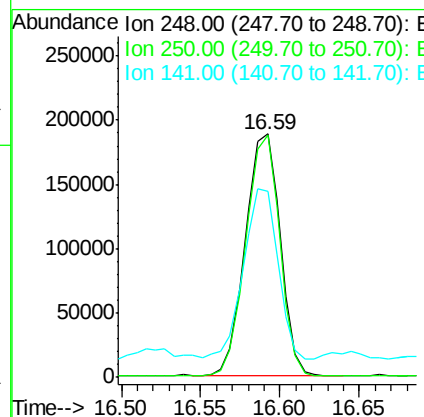
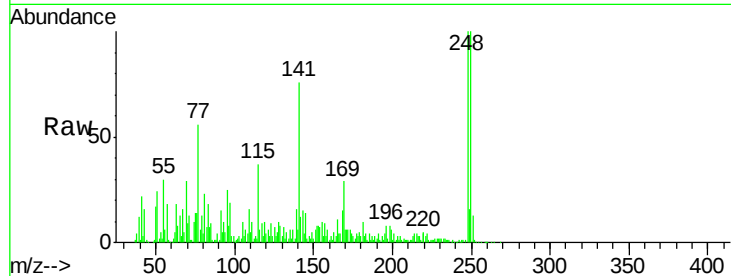
#67  
4-Bromophenyl-phenylether  
Concen: 60.45 ng  
RT: 16.59 min Scan# 2299  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampled :  
6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.8  | 75.4  | 113.2 |
| 141     | 76.4  | 54.4  | 81.6  |

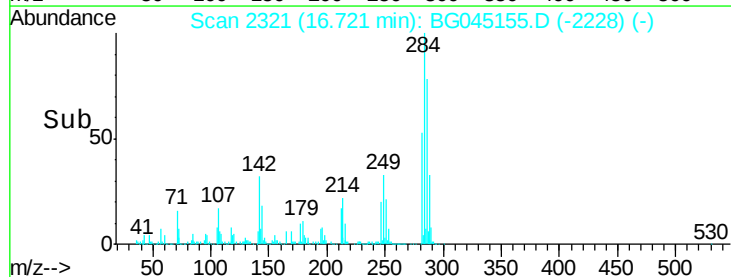
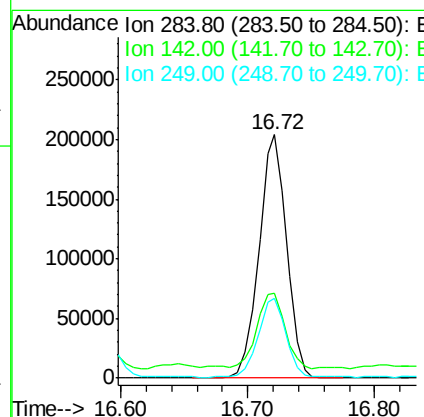
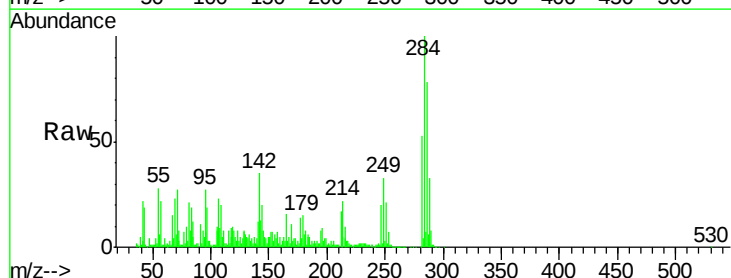
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#68  
Hexachlorobenzene  
Concen: 62.28 ng  
RT: 16.72 min Scan# 2321  
Delta R.T. 0.02 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.7  | 25.8  | 38.6  |
| 249     | 32.9  | 26.6  | 39.8  |





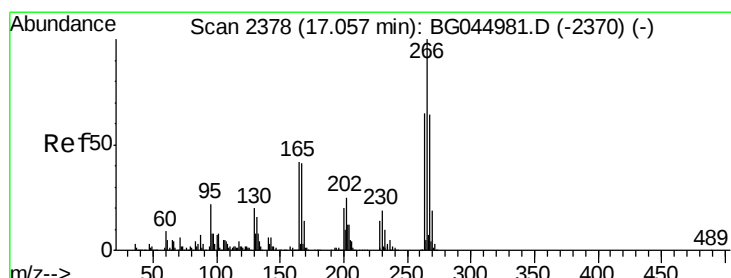
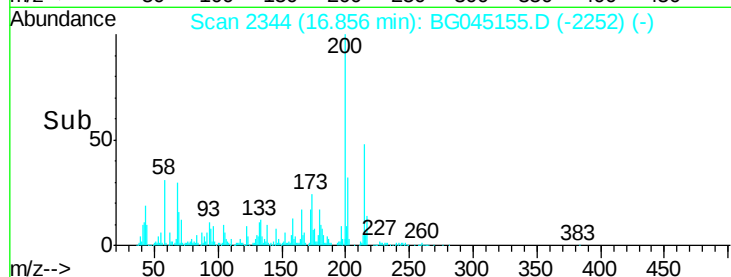
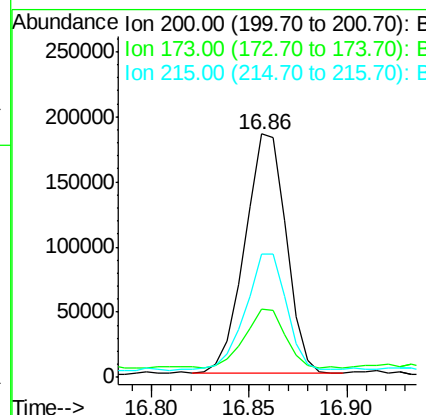
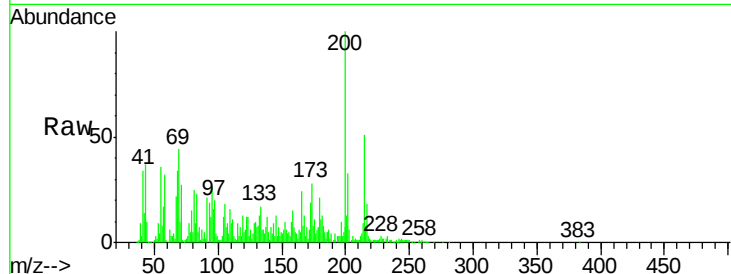
#69  
Atrazine  
Concen: 72.30 ng  
RT: 16.86 min Scan# 2344  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampled :  
6MSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 27.9  | 4.5        | 44.5       |
| 215     | 50.8  | 30.0       | 70.0       |

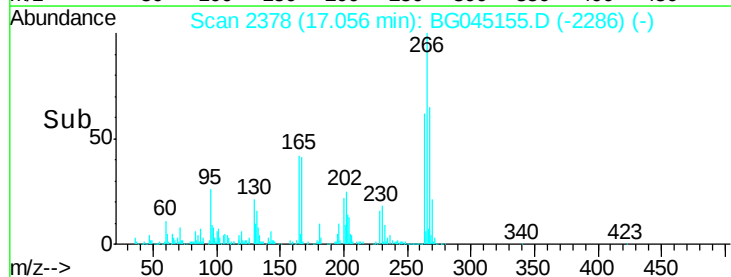
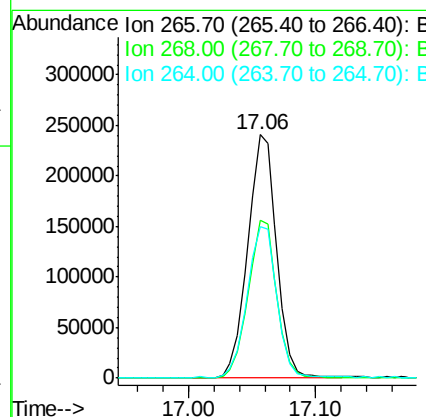
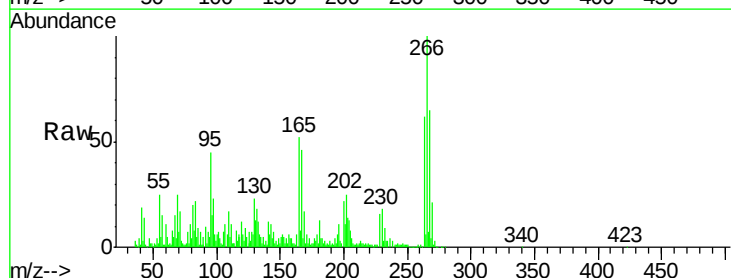
Manual Integrations  
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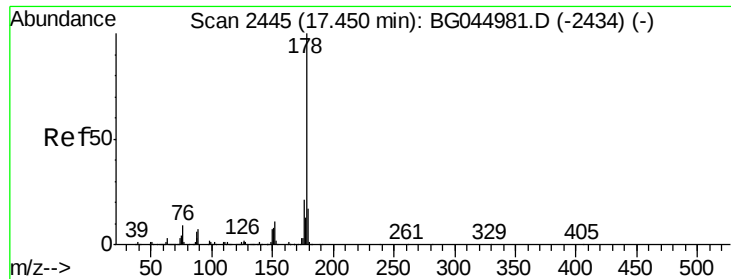
mohammad  
4/24/2020 1:35:21 PM



#70  
Pentachlorophenol  
Concen: 124.38 ng  
RT: 17.06 min Scan# 2378  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 64.6  | 51.5       | 77.3       |
| 264     | 62.3  | 52.2       | 78.4       |





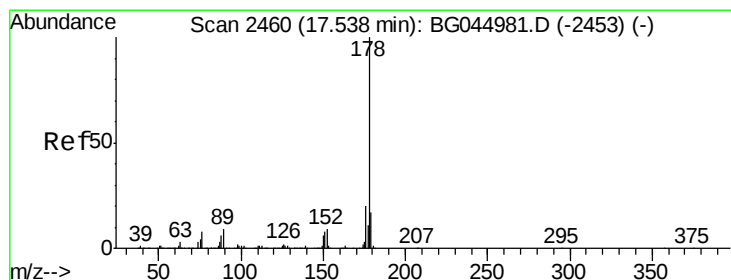
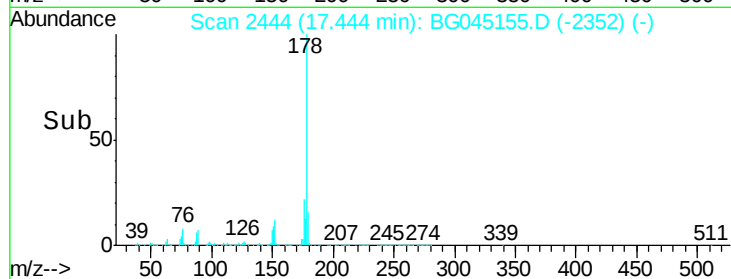
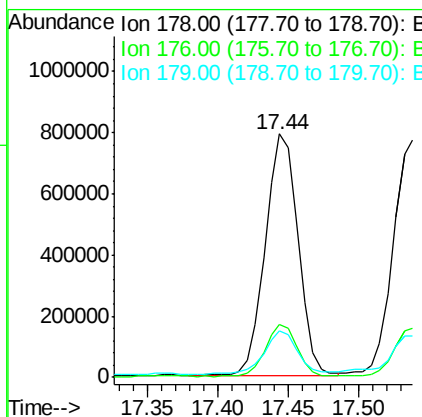
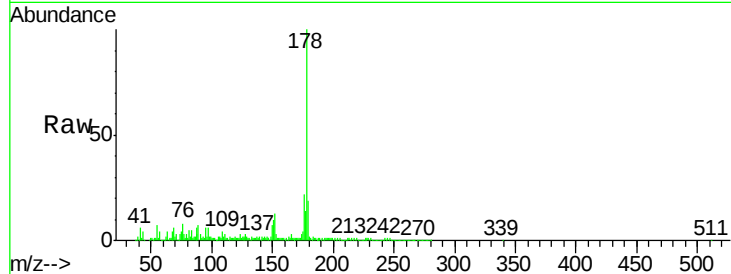
#71  
Phenanthrene  
Concen: 67.51 ng  
RT: 17.44 min Scan# 2444  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

Tgt Ion:178 Resp: 1284408  
Ion Ratio Lower Upper  
178 100  
176 21.8 16.8 25.2  
179 19.2 13.2 19.8

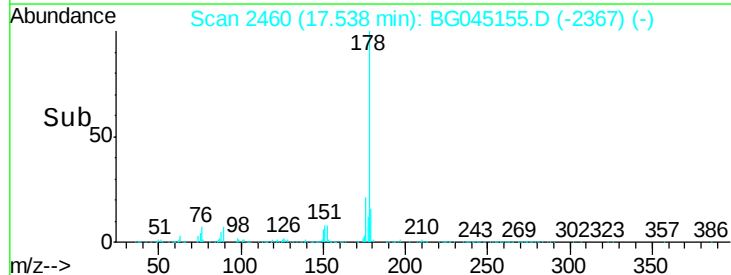
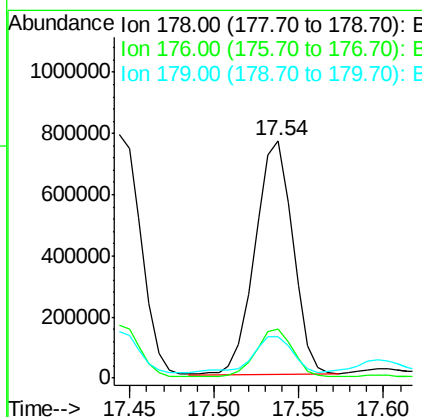
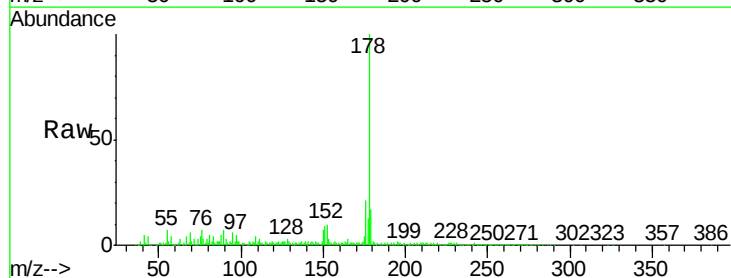
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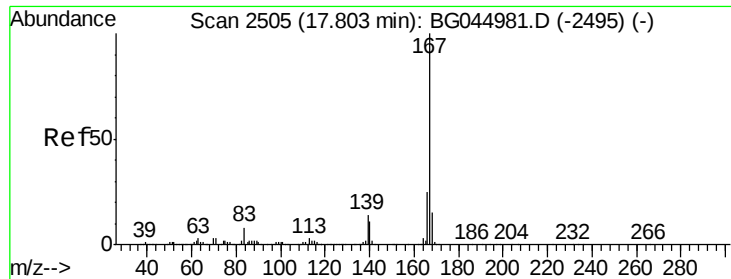
mohammad  
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#72  
Anthracene  
Concen: 62.49 ng  
RT: 17.54 min Scan# 2460  
Delta R.T. 0.02 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Tgt Ion:178 Resp: 1192573  
Ion Ratio Lower Upper  
178 100  
176 20.8 16.0 24.0  
179 17.5 13.6 20.4





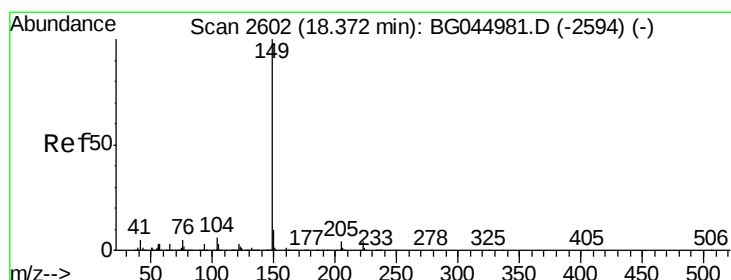
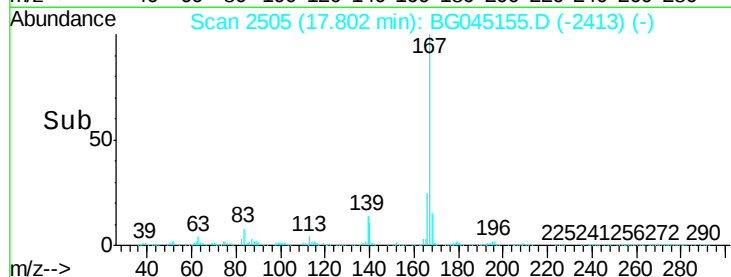
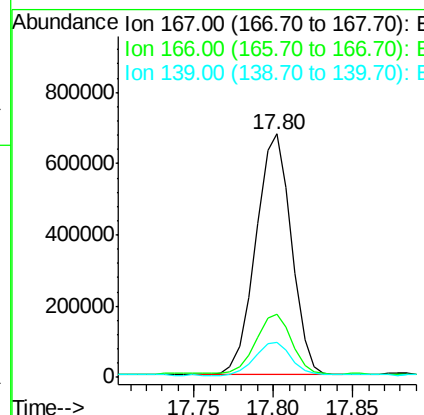
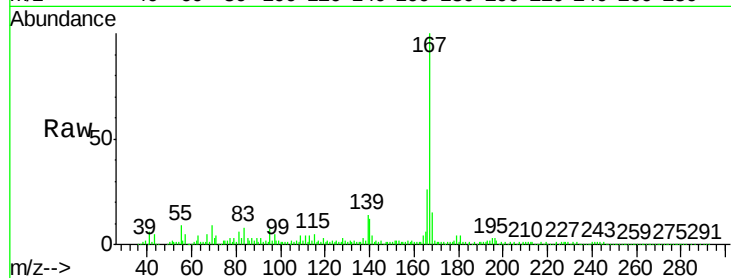
#73  
 Carbazole  
 Concen: 54.27 ng  
 RT: 17.80 min Scan# 2505  
 Delta R.T. 0.01 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 26.0  | 19.8  | 29.6  |
| 139     | 14.3  | 10.9  | 16.3  |

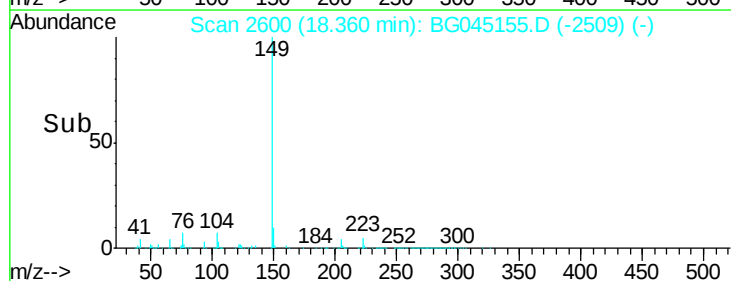
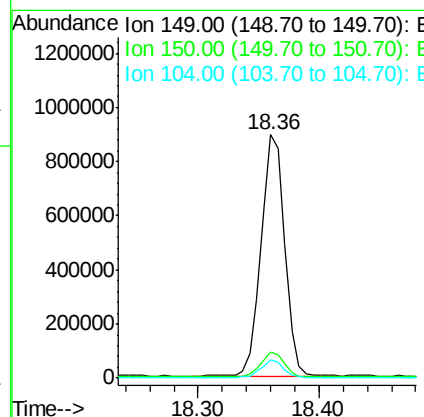
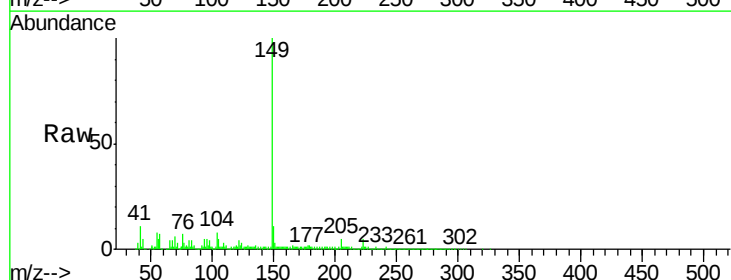
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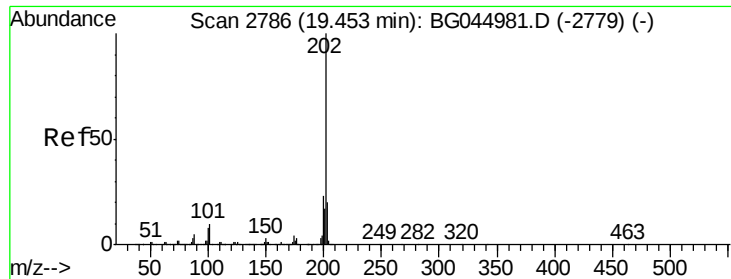
mohammad  
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#74  
 Di-n-butylphthalate  
 Concen: 59.68 ng  
 RT: 18.36 min Scan# 2600  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.8  | 8.2   | 12.2  |
| 104     | 7.8   | 4.8   | 7.2   |





#75

Fluoranthene

Concen: 62.31 ng

RT: 19.45 min Scan# 2786

Delta R.T. 0.01 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

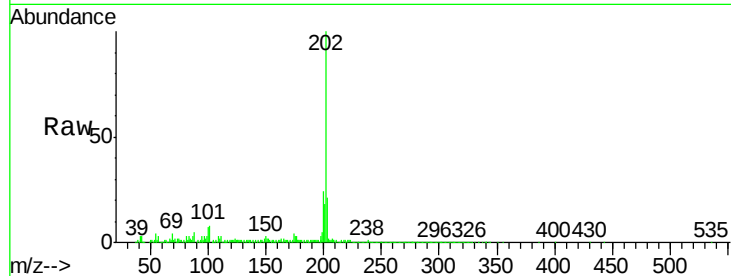
ClientSampleId :

6MSD

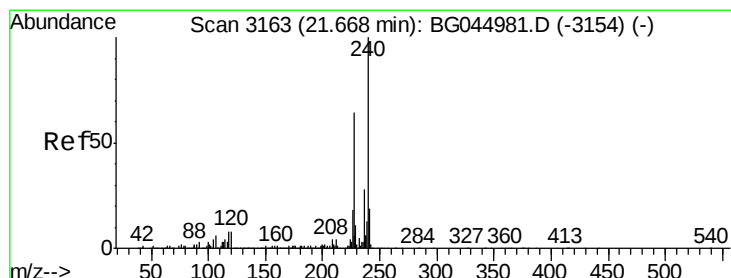
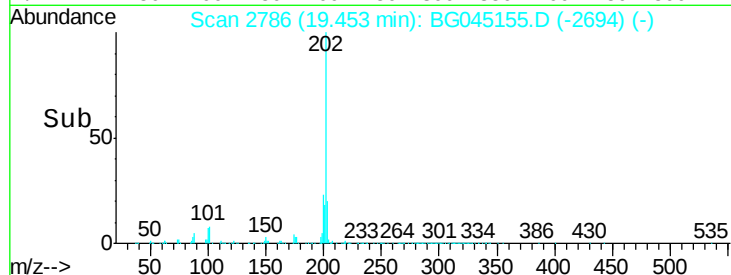
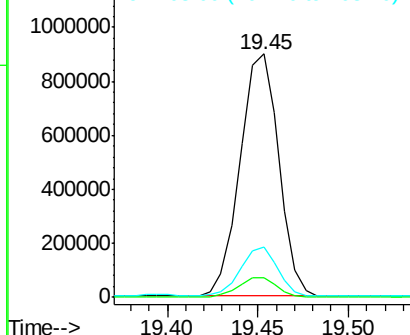
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 8.0   | 0.0   | 29.6  |
| 203     | 20.9  | 0.0   | 39.7  |

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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: 20.00 ng

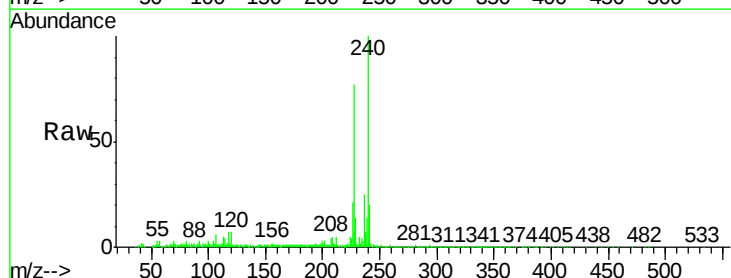
RT: 21.66 min Scan# 3162

Delta R.T. 0.00 min

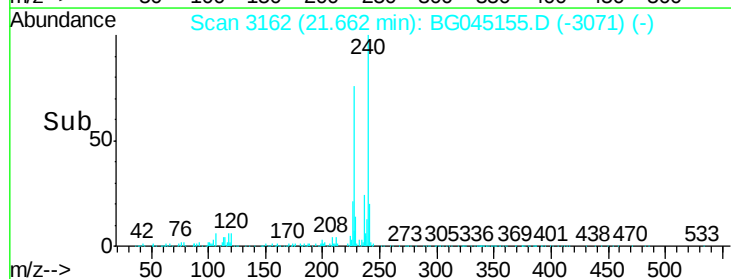
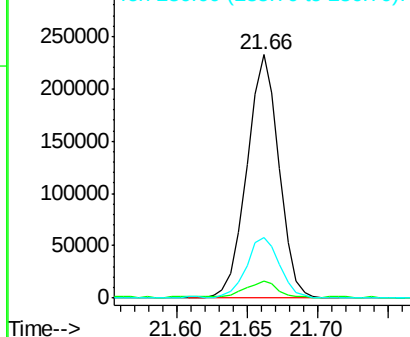
Lab File: BG045155.D

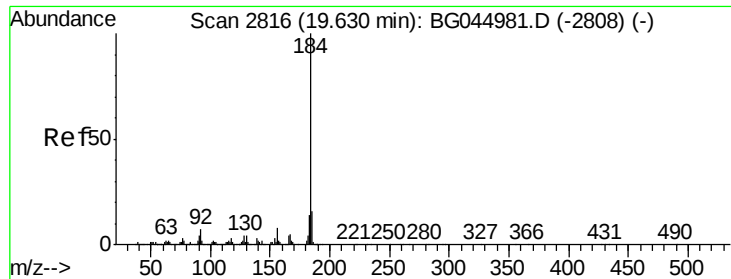
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.0   | 6.6   | 10.0  |
| 236     | 24.7  | 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: 66.87 ng

RT: 19.62 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

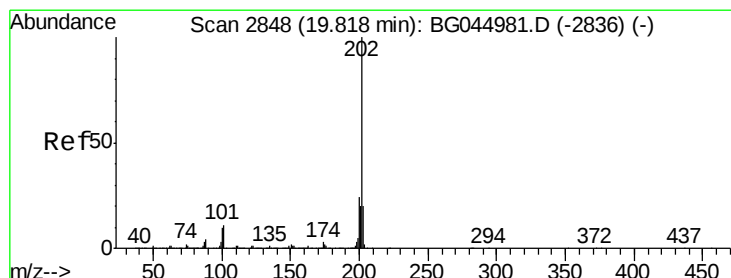
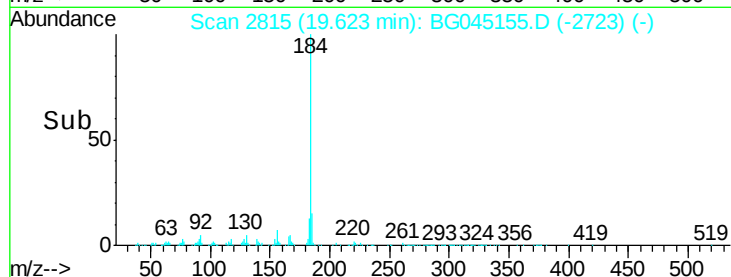
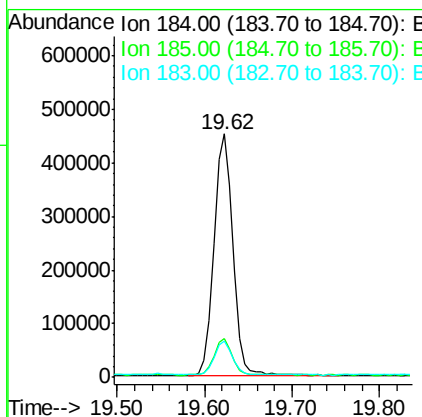
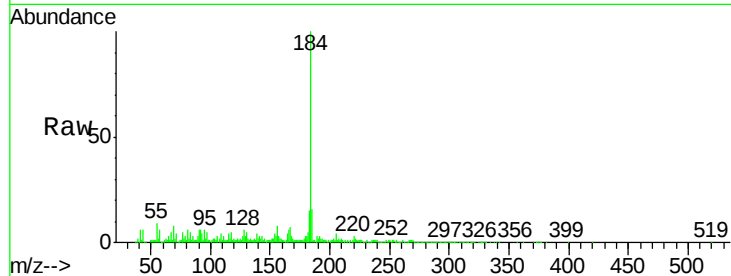
ClientSampleId :

6MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 682743 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.8  | 12.6  | 19.0   |
| 183       | 15.0  | 11.3  | 16.9   |

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#78

Pyrene

Concen: 54.69 ng

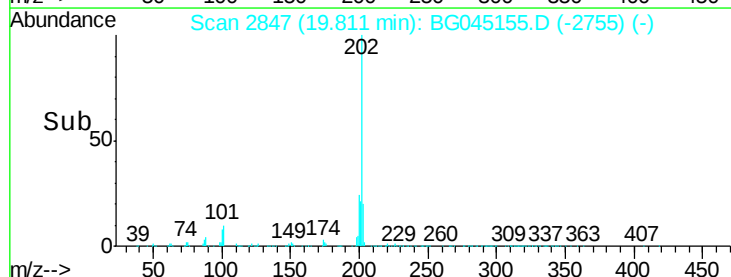
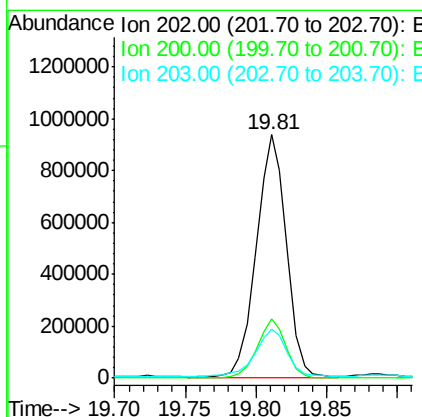
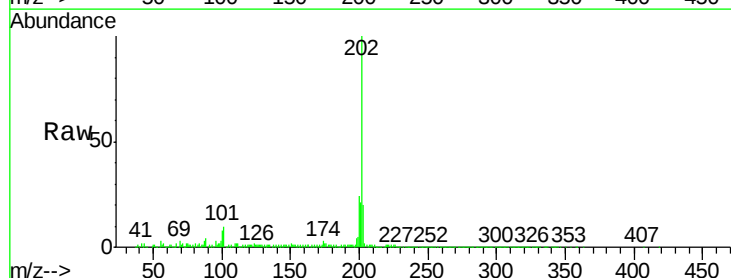
RT: 19.81 min Scan# 2847

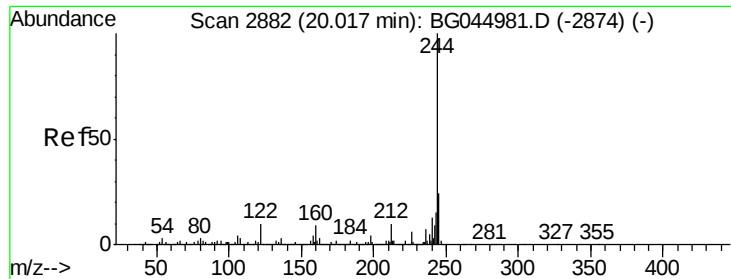
Delta R.T. 0.01 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1389273 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 24.3  | 19.0  | 28.6    |
| 203       | 20.4  | 16.1  | 24.1    |





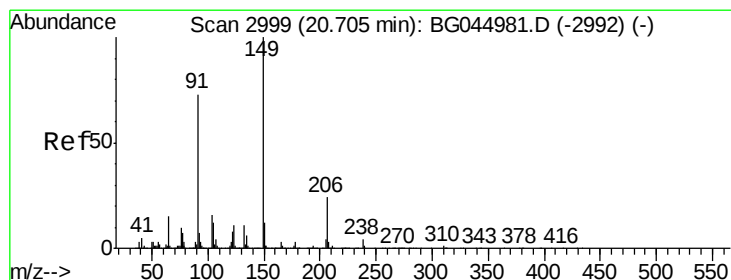
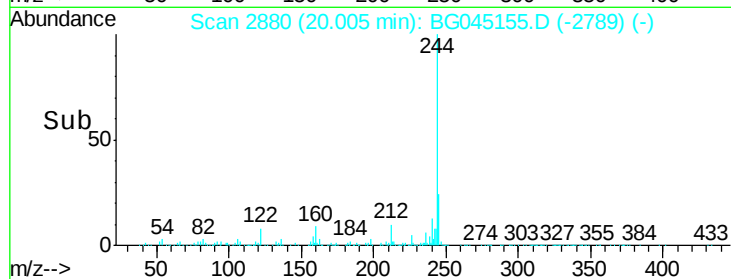
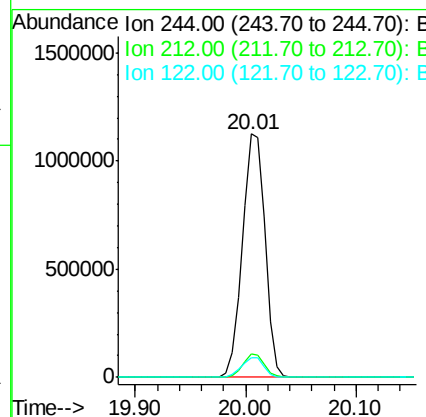
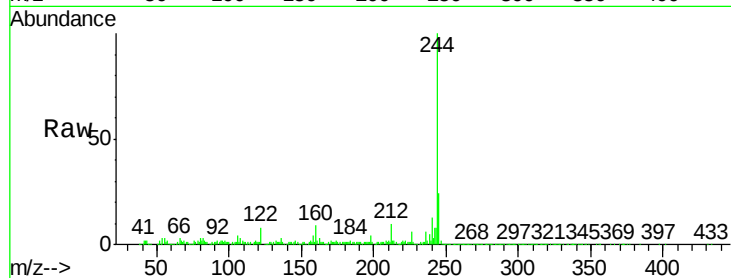
#79  
 Terphenyl-d14  
 Concen: 95.59 ng  
 RT: 20.01 min Scan# 2880  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.8   | 7.9   | 11.9  |
| 122     | 8.3   | 7.7   | 11.5  |

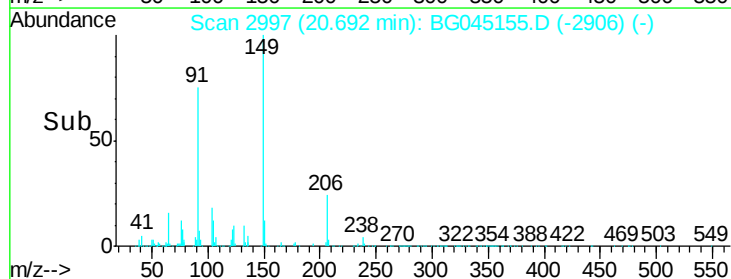
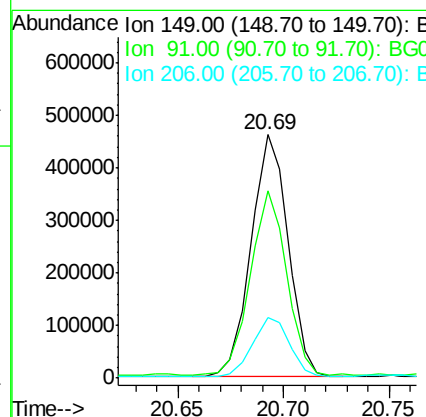
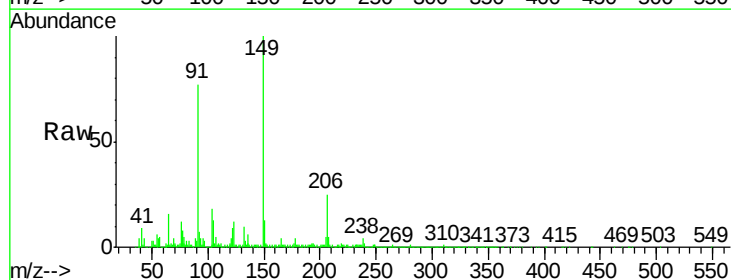
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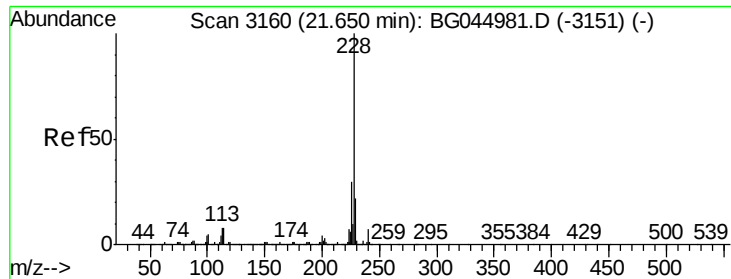
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#80  
 Butylbenzylphthalate  
 Concen: 53.04 ng  
 RT: 20.69 min Scan# 2997  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.7  | 58.5  | 87.7  |
| 206     | 24.9  | 19.2  | 28.8  |





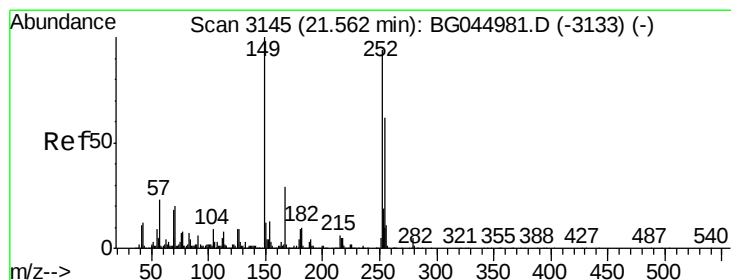
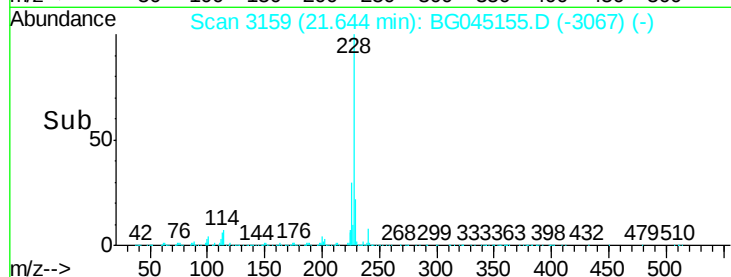
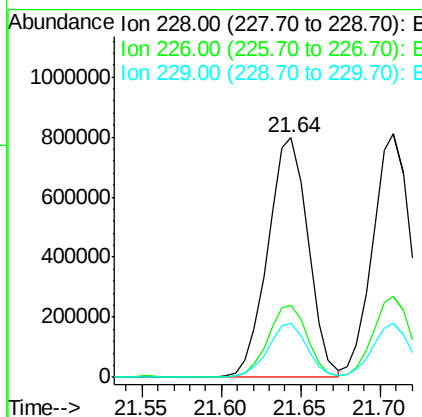
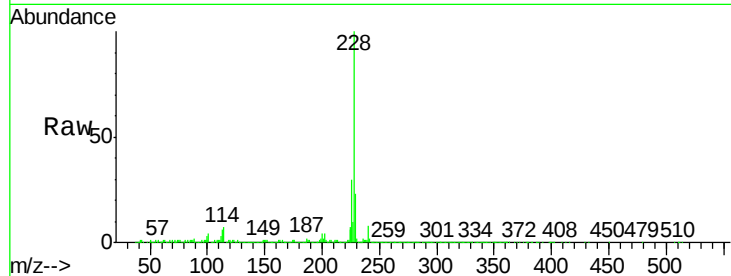
#81  
Benzo(a)anthracene  
Concen: 58.95 ng  
RT: 21.64 min Scan# 3159  
Delta R.T. 0.01 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampled :  
6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.0  | 24.0  | 36.0  |
| 229     | 22.5  | 17.5  | 26.3  |

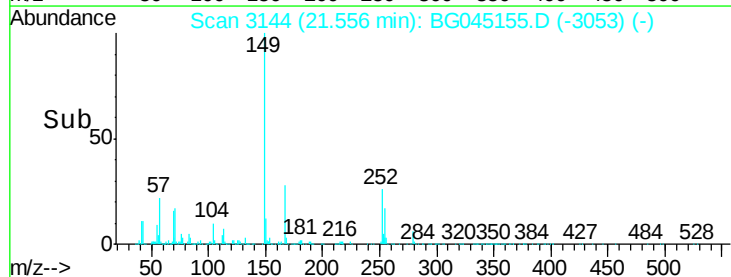
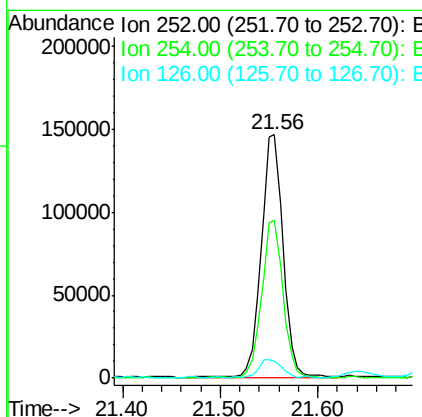
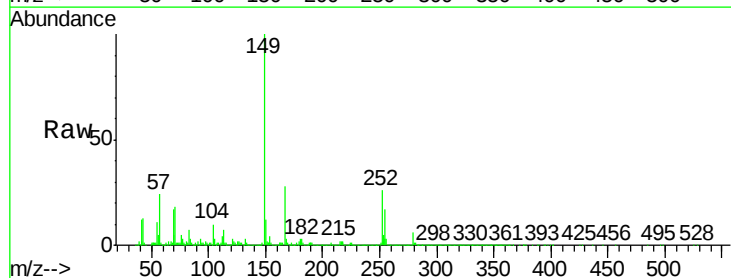
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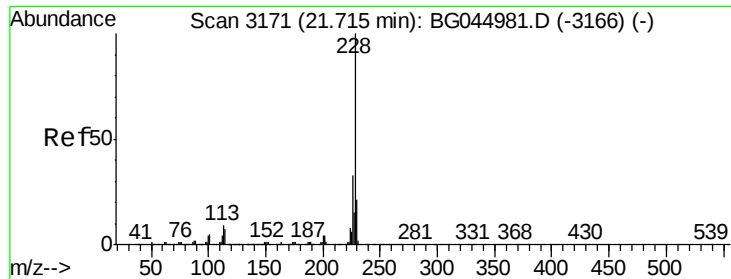
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 24.37 ng  
RT: 21.56 min Scan# 3144  
Delta R.T. 0.00 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.8  | 52.6  | 79.0  |
| 126     | 6.9   | 7.5   | 11.3# |





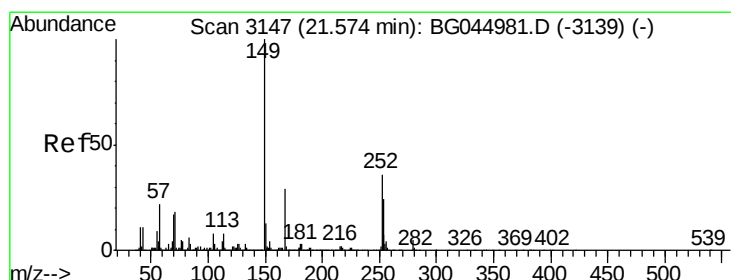
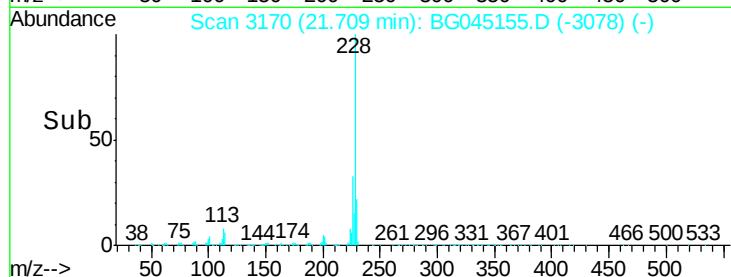
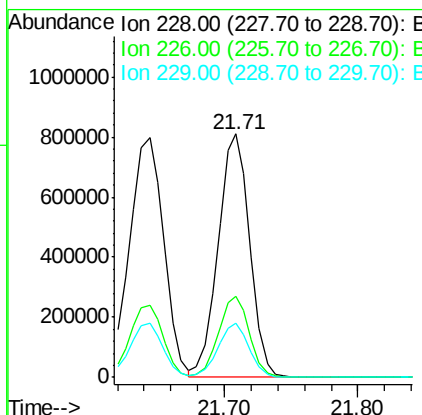
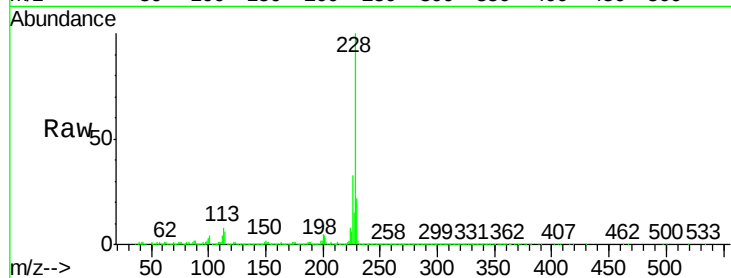
#83  
 Chrysene  
 Concen: 58.28 ng  
 RT: 21.71 min Scan# 3170  
 Delta R.T. 0.01 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 33.5  | 26.2  | 39.4  |
| 229     | 22.1  | 17.0  | 25.6  |

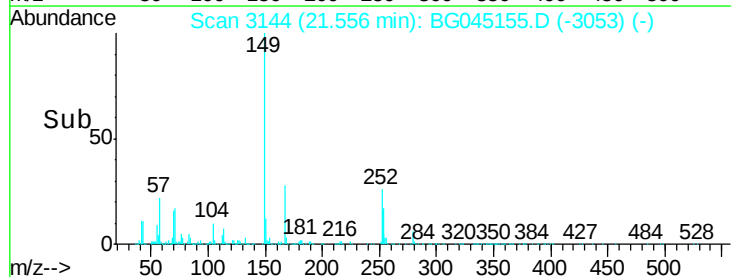
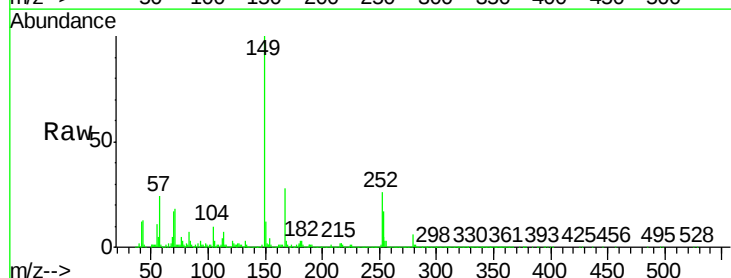
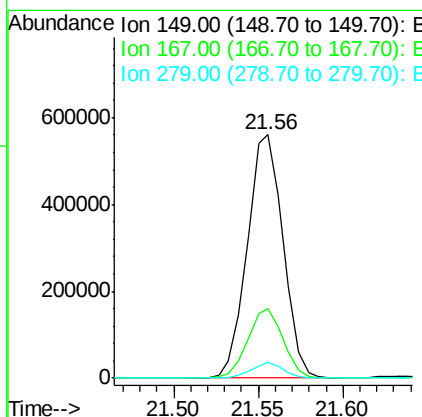
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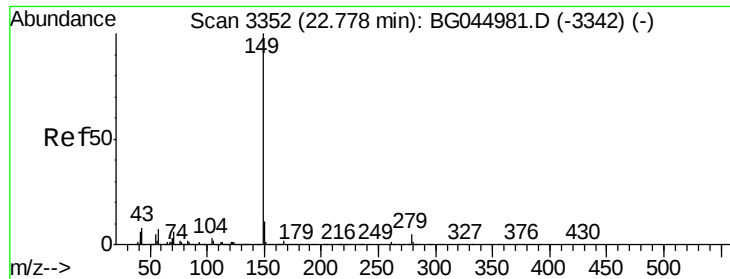
mohammad  
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 56.34 ng  
 RT: 21.56 min Scan# 3144  
 Delta R.T. 0.00 min  
 Lab File: BG045155.D  
 Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.4  | 23.4  | 35.0  |
| 279     | 6.4   | 4.3   | 6.5   |





#85

Di-n-octyl phthalate

Concen: 56.76 ng

RT: 22.75 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

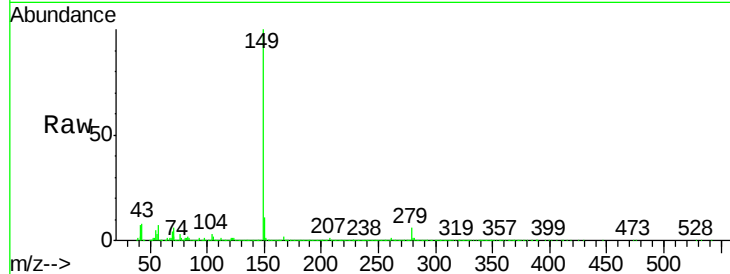
ClientSampleId :

6MSD

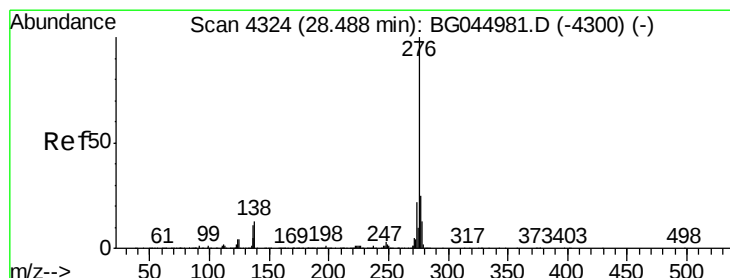
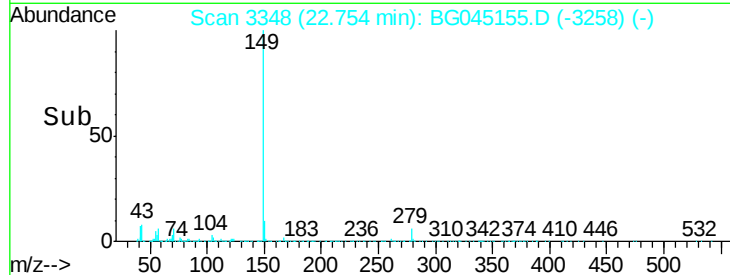
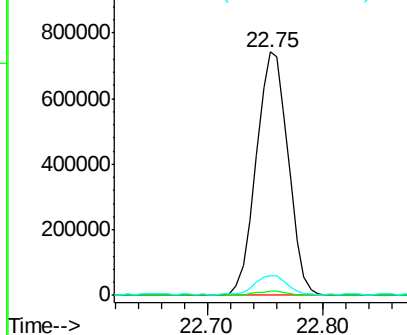
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1421528 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.7   | 1.4   | 2.2     |
| 43       | 7.7   | 5.7   | 8.5     |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.12 ng

RT: 28.47 min Scan# 4321

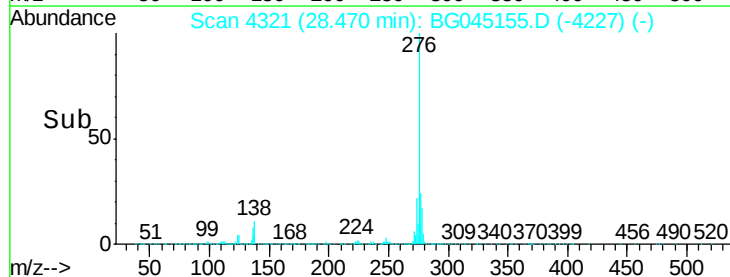
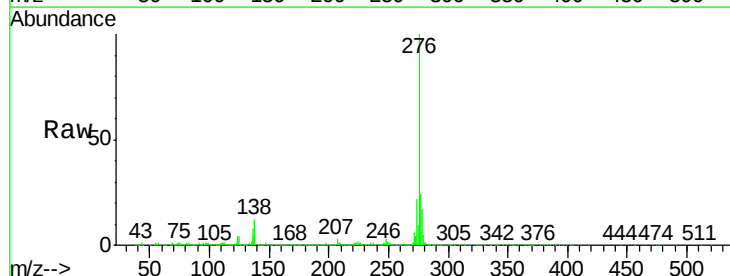
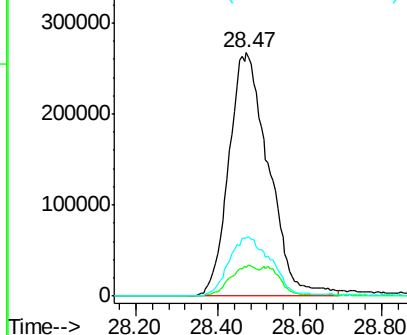
Delta R.T. 0.02 min

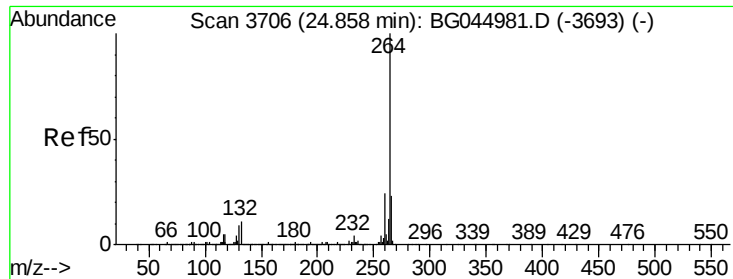
Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 1801159 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 8.6   | 9.6   | 14.4#   |
| 277      | 25.2  | 20.6  | 31.0    |

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.84 min Scan# 3703

Delta R.T. 0.00 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

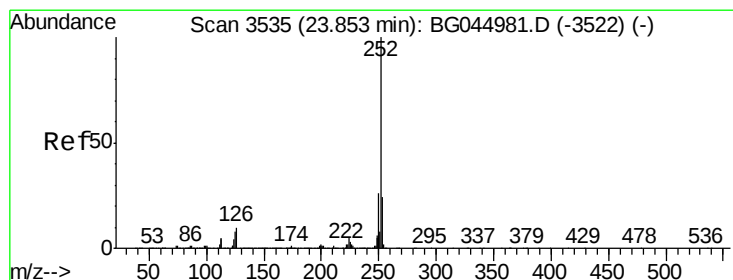
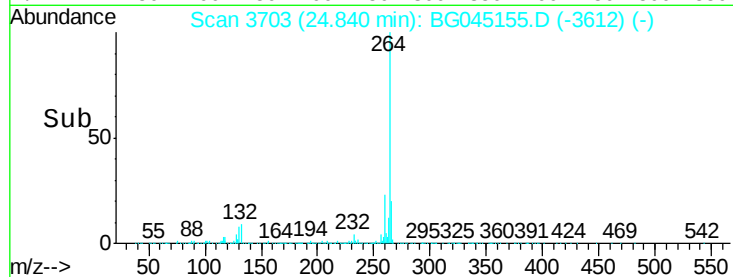
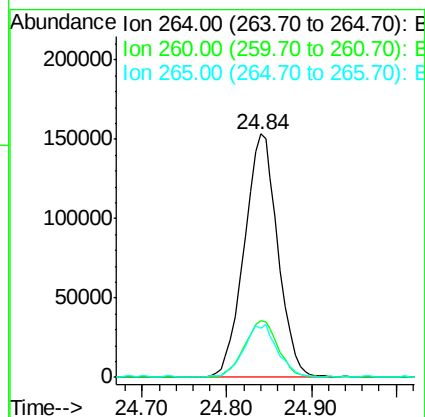
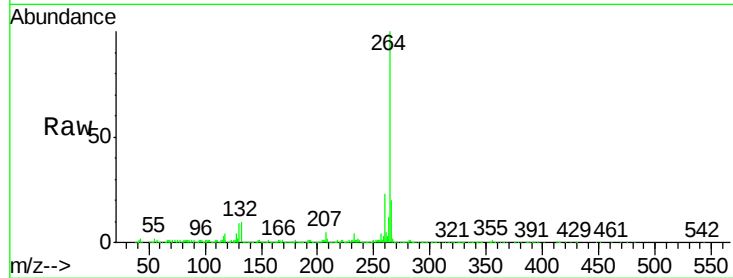
ClientSampleId :

6MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 422405 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.4  | 19.2  | 28.8   |
| 265       | 20.4  | 19.0  | 28.4   |

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#88

Benzo(b)fluoranthene

Concen: 58.14 ng

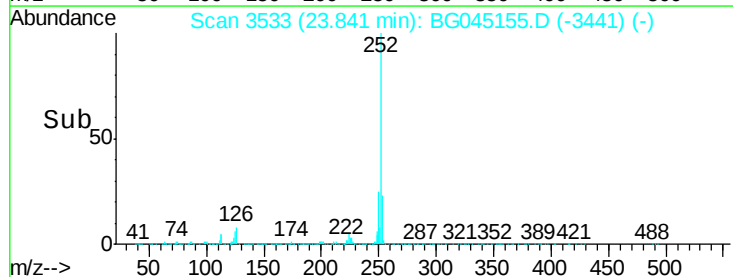
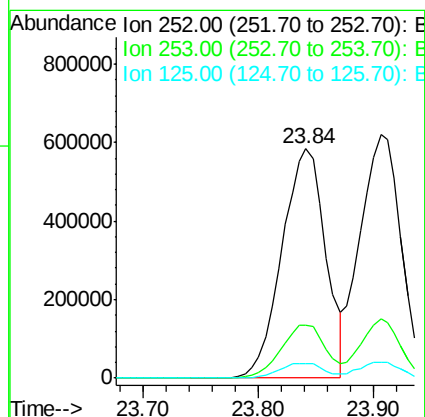
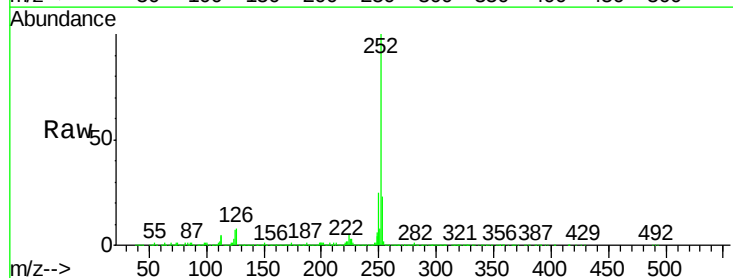
RT: 23.84 min Scan# 3533

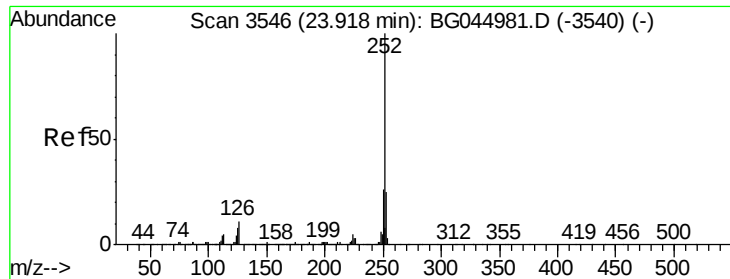
Delta R.T. 0.01 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1538237 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 23.2  | 18.8  | 28.2    |
| 125       | 6.6   | 6.2   | 9.4     |





#89

Benzo(k)fluoranthene

Concen: 60.48 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.01 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

Instrument :

BNA\_G

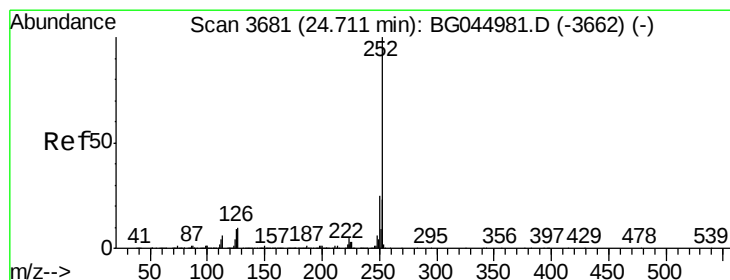
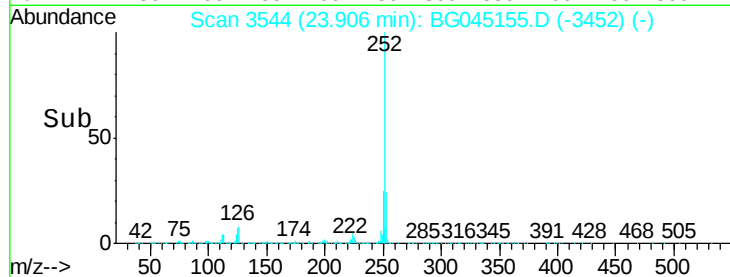
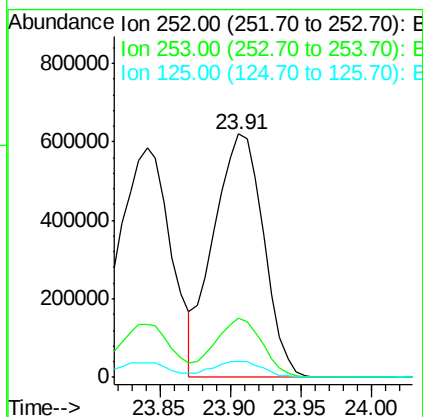
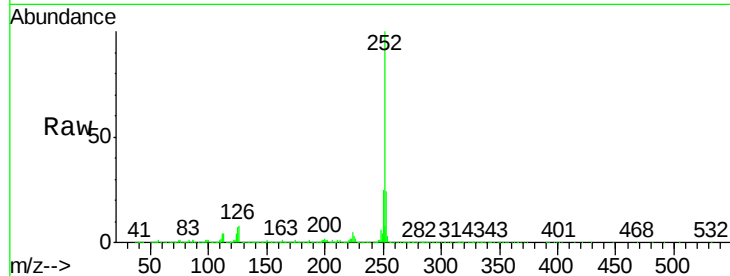
ClientSampleId :

6MSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 1521821 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 24.1  | 19.2  | 28.8    |
| 125      | 6.7   | 5.9   | 8.9     |

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#90

Benzo(a)pyrene

Concen: 57.72 ng

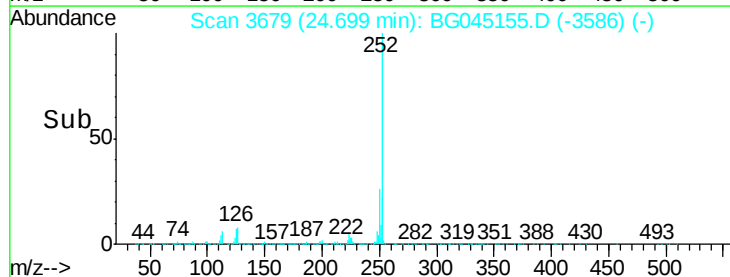
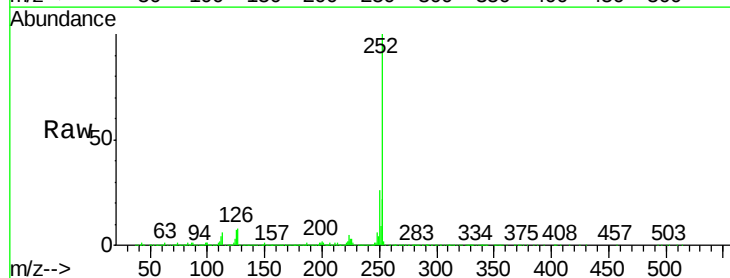
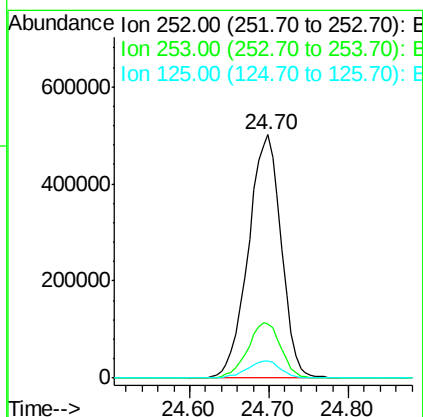
RT: 24.70 min Scan# 3679

Delta R.T. 0.02 min

Lab File: BG045155.D

Acq: 23 Apr 2020 23:48

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 1441911 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 22.4  | 18.3  | 27.5    |
| 125      | 7.0   | 7.0   | 10.6#   |





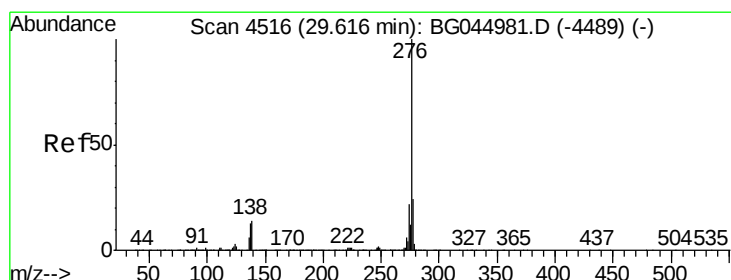
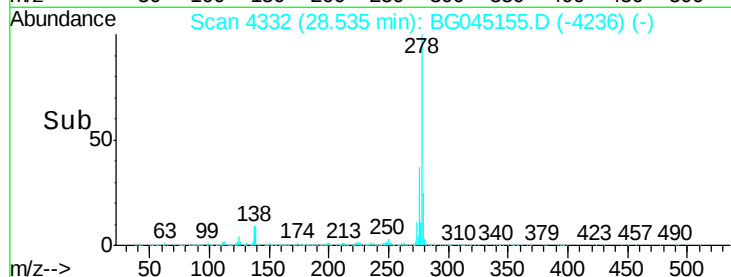
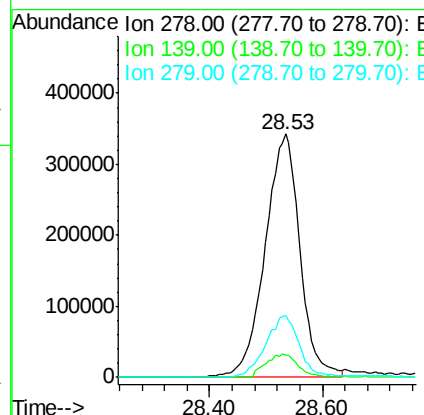
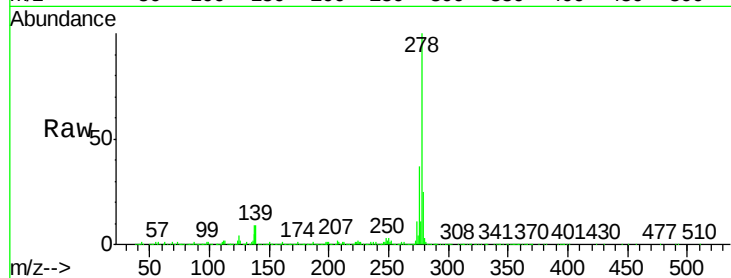
#91  
Dibenzo(a,h)anthracene  
Concen: 58.20 ng  
RT: 28.53 min Scan# 4332  
Delta R.T. 0.03 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

Instrument :  
BNA\_G  
ClientSampleId :  
6MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.1   | 9.0   | 13.6  |
| 279     | 25.2  | 18.4  | 27.6  |

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#92  
Benzo(g,h,i)perylene  
Concen: 53.35 ng  
RT: 29.60 min Scan# 4513  
Delta R.T. 0.03 min  
Lab File: BG045155.D  
Acq: 23 Apr 2020 23:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.3  | 19.3  | 28.9  |
| 138     | 12.6  | 11.4  | 17.2  |

