

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\  
 Data File : BG045774.D  
 Acq On : 16 Jun 2020 16:01  
 Operator : CG/JU  
 Sample : PB129573BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129573BS

Manual Integrations  
 APPROVED

mohammad  
 6/18/2020 11:51:31 AM

Quant Time: Jun 16 17:26:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 15 18:34:19 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 51438    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.72 | 136  | 207978   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.57 | 164  | 160268   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.32 | 188  | 380584   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.57 | 240  | 353288   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.70 | 264  | 386605   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.54  | 112 | 477275  | 156.74 | ng | 0.00 |
| 7) Phenol-d6             | 7.16  | 99  | 675098  | 145.75 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.09  | 82  | 436344  | 95.85  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.07 | 330 | 356775  | 147.45 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.19 | 172 | 1033223 | 94.74  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.94 | 244 | 1752192 | 100.51 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.36  | 88  | 48097  | 34.487 | ng | 94     |
| 3) Pyridine                    | 3.76  | 79  | 142140 | 34.393 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.68  | 42  | 64120  | 46.222 | ng | # 97   |
| 6) Aniline                     | 7.25  | 93  | 220916 | 40.507 | ng | 95     |
| 8) 2-Chlorophenol              | 7.51  | 128 | 153558 | 47.113 | ng | 97     |
| 9) Benzaldehyde                | 7.05  | 77  | 101231 | 36.388 | ng | 98     |
| 10) Phenol                     | 7.19  | 94  | 206046 | 45.912 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.34  | 93  | 141230 | 41.431 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.81  | 146 | 164618 | 42.381 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.95  | 146 | 166991 | 43.042 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.27  | 146 | 157689 | 42.455 | ng | 98     |
| 15) Benzyl Alcohol             | 8.18  | 79  | 160062 | 44.656 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.45  | 45  | 133572 | 41.576 | ng | 85     |
| 17) 2-Methylphenol             | 8.42  | 107 | 140381 | 42.031 | ng | 95     |
| 18) Hexachloroethane           | 9.00  | 117 | 63405  | 43.030 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.73  | 70  | 134917 | 44.306 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.76  | 107 | 188205 | 42.847 | ng | 91     |
| 22) Acetophenone               | 8.75  | 105 | 242680 | 42.513 | ng | 96     |
| 24) Nitrobenzene               | 9.13  | 77  | 200636 | 41.333 | ng | 100    |
| 25) Isophorone                 | 9.65  | 82  | 362928 | 41.179 | ng | 98     |
| 26) 2-Nitrophenol              | 9.84  | 139 | 90636  | 44.818 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 9.94  | 122 | 146802 | 47.546 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.13 | 93  | 198792 | 43.181 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.41 | 162 | 166435 | 46.203 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.59 | 180 | 178074 | 41.757 | ng | 96     |
| 31) Naphthalene                | 10.78 | 128 | 486741 | 42.808 | ng | 99     |
| 32) Benzoic acid               | 10.15 | 122 | 89769  | 45.423 | ng | 95     |
| 33) 4-Chloroaniline            | 10.90 | 127 | 151300 | 31.775 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.07 | 225 | 125584 | 41.408 | ng | 98     |
| 35) Caprolactam                | 11.67 | 113 | 57028m | 48.922 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.08 | 107 | 195363 | 46.971 | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.39 | 142 | 374930 | 44.282 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.60 | 142 | 360966 | 45.051 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 214407 | 40.629 | ng | 98     |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129573BS

Manual Integrations  
 APPROVED

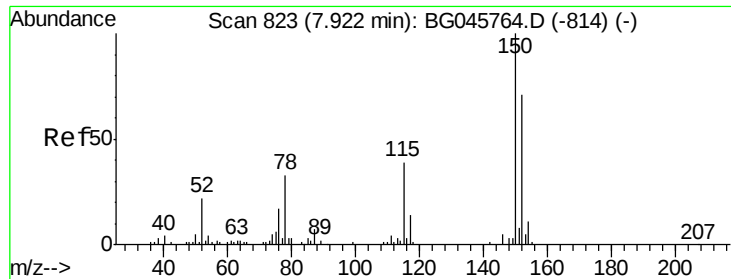
mohammad  
 6/18/2020 11:51:31 AM

Quant Time: Jun 16 17:26:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 15 18:34:19 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.74 | 237  | 258966   | 87.909 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.02 | 196  | 152912   | 42.737 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.12 | 196  | 165871   | 40.676 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.40 | 154  | 488869   | 42.606 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.44 | 162  | 381707   | 41.182 | nq    | 97       |
| 48) 2-Nitroaniline             | 13.66 | 65   | 129377   | 41.963 | nq    | 96       |
| 49) Acenaphthylene             | 14.29 | 152  | 623899   | 42.024 | nq    | 99       |
| 50) Dimethylphthalate          | 14.03 | 163  | 531974   | 42.370 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.15 | 165  | 119908   | 42.521 | nq    | 98       |
| 52) Acenaphthene               | 14.63 | 154  | 379405   | 42.161 | nq    | 96       |
| 53) 3-Nitroaniline             | 14.50 | 138  | 96013    | 34.087 | nq    | 100      |
| 54) 2,4-Dinitrophenol          | 14.70 | 184  | 133248   | 84.346 | nq    | 94       |
| 55) Dibenzofuran               | 14.97 | 168  | 630076   | 43.100 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.88 | 139  | 159158   | 78.923 | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.94 | 165  | 172559   | 42.709 | nq    | # 99     |
| 58) Fluorene                   | 15.62 | 166  | 528043   | 43.439 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.22 | 232  | 161071   | 45.509 | nq    | 96       |
| 60) Diethylphthalate           | 15.39 | 149  | 564078   | 43.949 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.61 | 204  | 300942   | 42.953 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.67 | 138  | 106354   | 36.791 | nq    | 93       |
| 63) Azobenzene                 | 15.91 | 77   | 543599   | 44.109 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.71 | 198  | 110702   | 47.067 | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.84 | 169  | 467385   | 43.358 | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.51 | 248  | 203525   | 41.156 | nq    | 97       |
| 68) Hexachlorobenzene          | 16.63 | 284  | 229740   | 44.802 | nq    | 91       |
| 69) Atrazine                   | 16.79 | 200  | 180959   | 43.261 | nq    | 96       |
| 70) Pentachlorophenol          | 16.99 | 266  | 224849   | 88.060 | nq    | 95       |
| 71) Phenanthrene               | 17.36 | 178  | 846509   | 43.127 | nq    | 99       |
| 72) Anthracene                 | 17.45 | 178  | 866386   | 44.326 | nq    | 99       |
| 73) Carbazole                  | 17.73 | 167  | 780575   | 41.942 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.29 | 149  | 951327   | 43.171 | nq    | 99       |
| 75) Fluoranthene               | 19.38 | 202  | 1048582  | 43.444 | nq    | 100      |
| 77) Benzidine                  | 19.56 | 184  | 592379   | 64.498 | nq    | 98       |
| 78) Pyrene                     | 19.74 | 202  | 1011856  | 42.771 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.62 | 149  | 412962   | 41.703 | nq    | 93       |
| 81) Benzo(a)anthracene         | 21.56 | 228  | 994758   | 43.430 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.48 | 252  | 302717   | 34.940 | nq    | 98       |
| 83) Chrysene                   | 21.62 | 228  | 938541   | 42.364 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.47 | 149  | 589905   | 42.828 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.65 | 149  | 993794   | 41.828 | nq    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.25 | 276  | 1250065  | 44.602 | nq    | # 99     |
| 88) Benzo(b)fluoranthene       | 23.71 | 252  | 1064729  | 43.925 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 23.78 | 252  | 1024120  | 44.144 | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.56 | 252  | 981916   | 43.365 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.32 | 278  | 1034271  | 46.018 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.36 | 276  | 1013342  | 45.046 | nq    | 97       |

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





#1

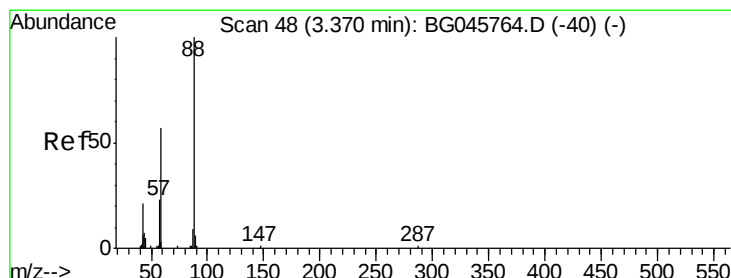
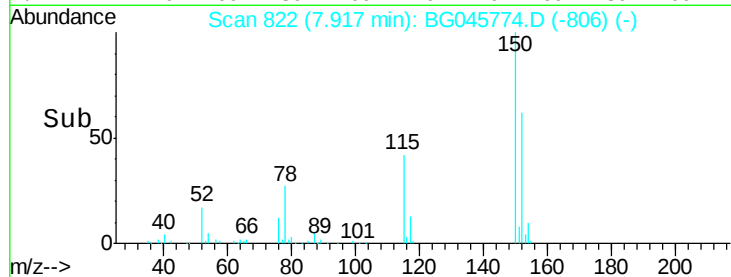
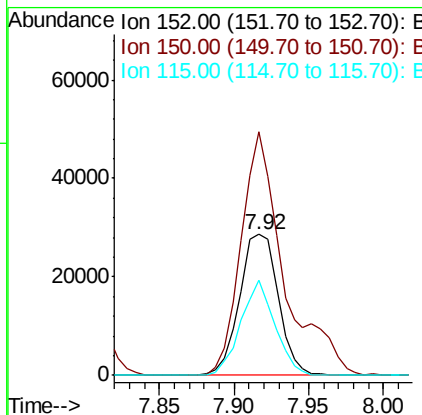
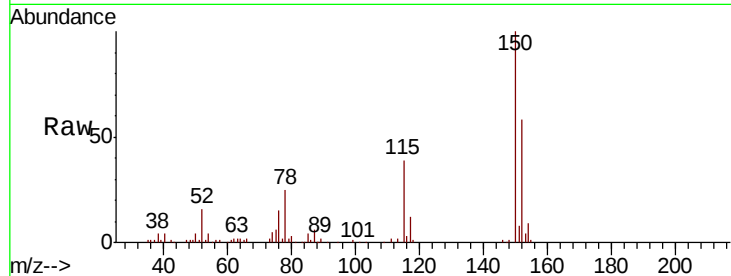
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.92 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 152     | 100   |       |        |
| 150     | 172.9 | 113.1 | 169.7# |
| 115     | 67.9  | 43.8  | 65.6#  |

Manual Integrations  
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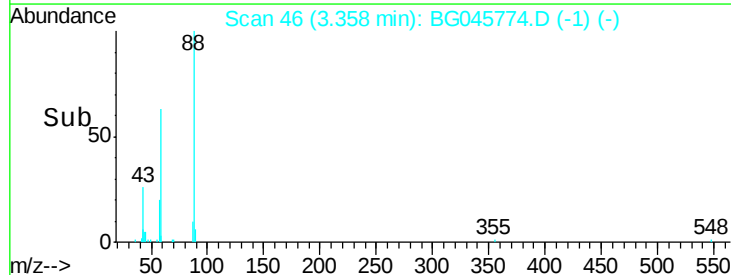
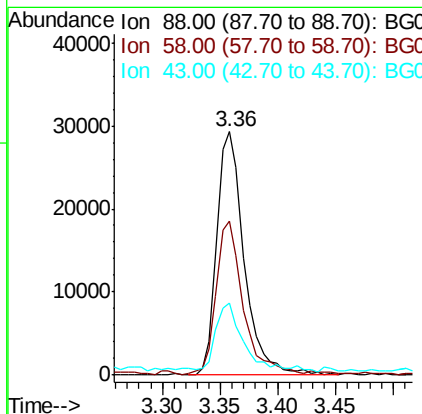
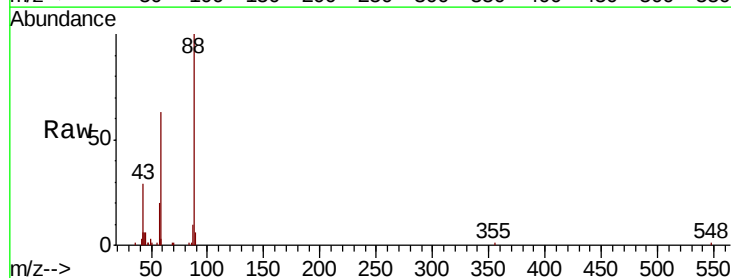
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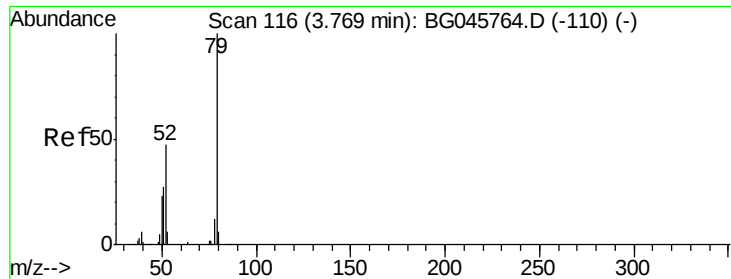


#2

1,4-Dioxane  
Concen: 34.487 ng  
RT: 3.36 min Scan# 46  
Delta R.T. -0.01 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 62.9  | 46.1  | 69.1  |
| 43      | 26.1  | 19.2  | 28.8  |





#3

Pvridine

Concen: 34.393 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

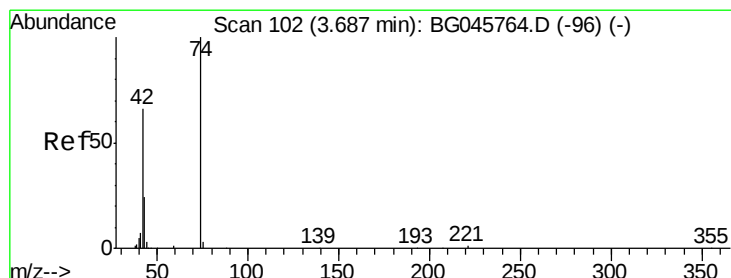
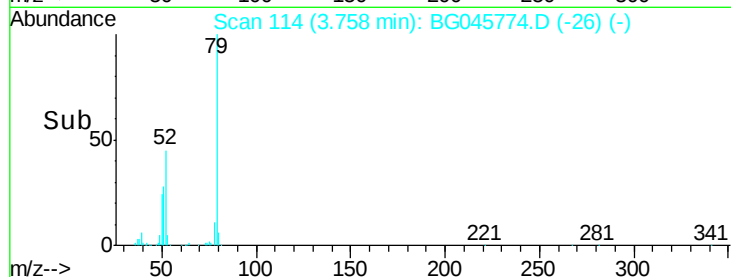
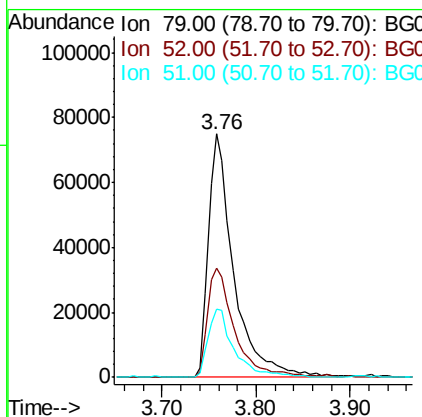
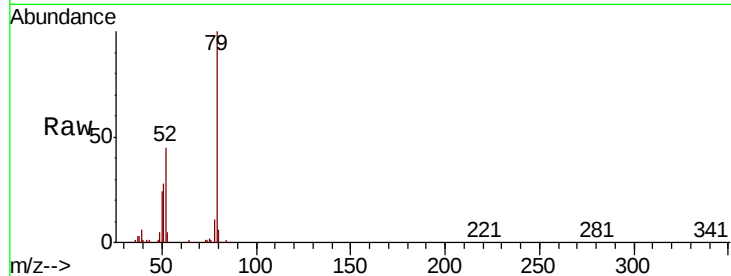
ClientSampleId :

PB129573BS

| Tot Ion | 79    | Resp  | 142140 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 79      | 100   |       |        |
| 52      | 45.1  | 37.9  | 56.9   |
| 51      | 28.2  | 22.0  | 33.0   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 46.222 ng

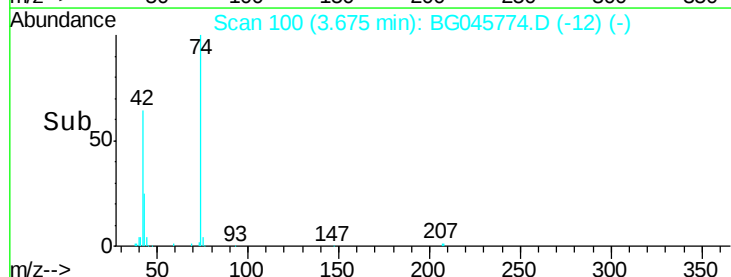
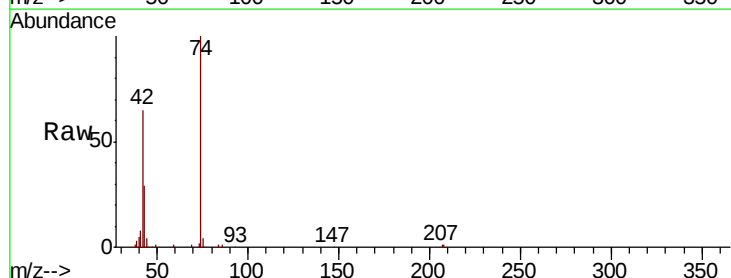
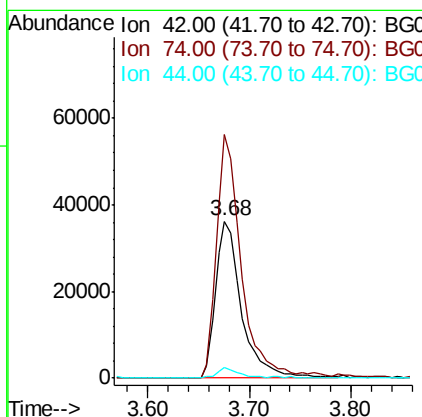
RT: 3.68 min Scan# 100

Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

| Tgt Ion | 42    | Resp  | 64120 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 42      | 100   |       |       |
| 74      | 155.0 | 121.0 | 181.4 |
| 44      | 6.8   | 3.5   | 5.3#  |





#5

2-Fluorophenol

Concen: 156.738 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

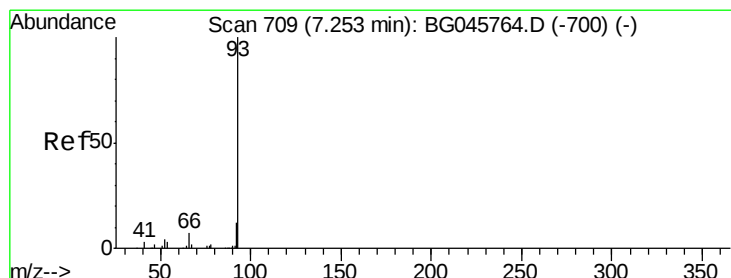
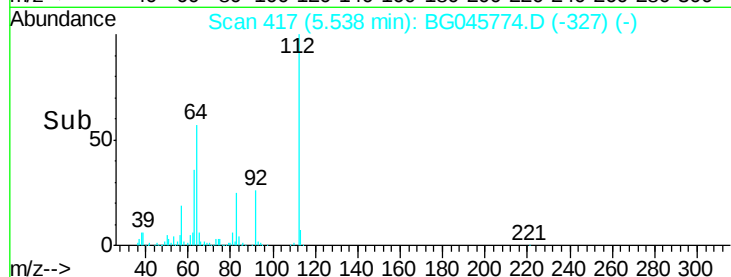
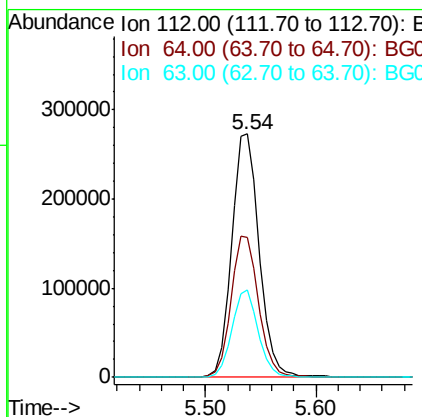
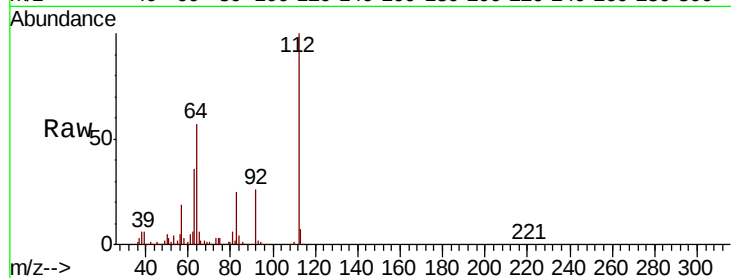
ClientSampleId :

PB129573BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 477275 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 57.5  | 46.6  | 69.8   |
| 63        | 35.9  | 26.3  | 39.5   |

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#6

Aniline

Concen: 40.507 ng

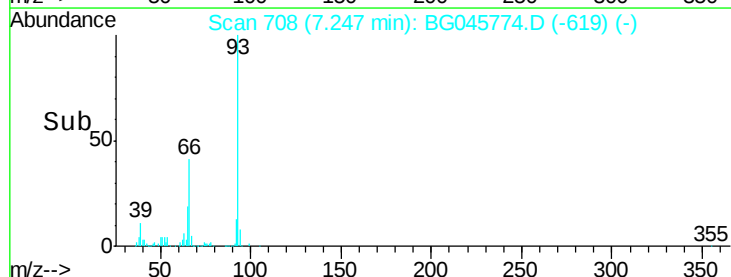
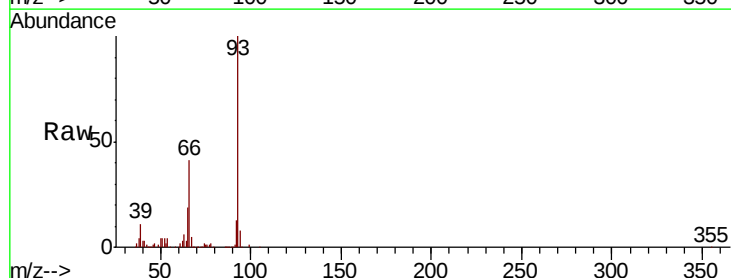
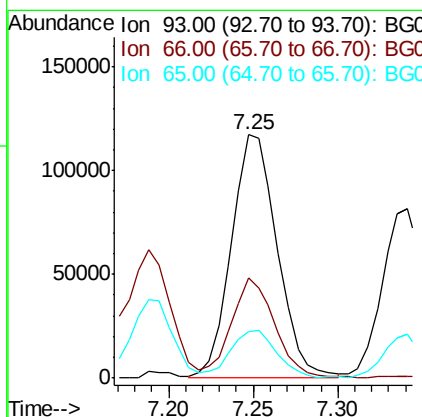
RT: 7.25 min Scan# 708

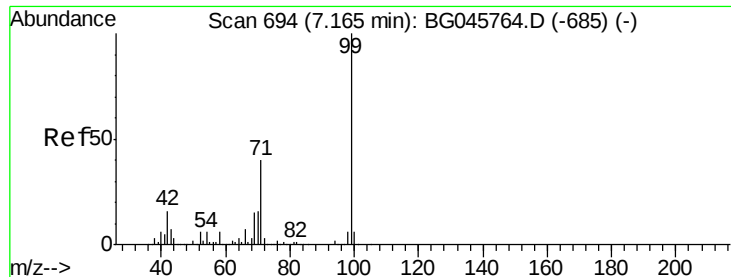
Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 220916 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.0  | 30.0  | 45.0   |
| 65        | 19.3  | 14.7  | 22.1   |





#7

Phenol-d6

Concen: 145.753 ng

RT: 7.16 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

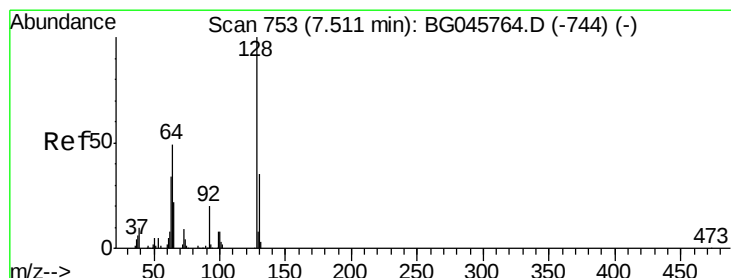
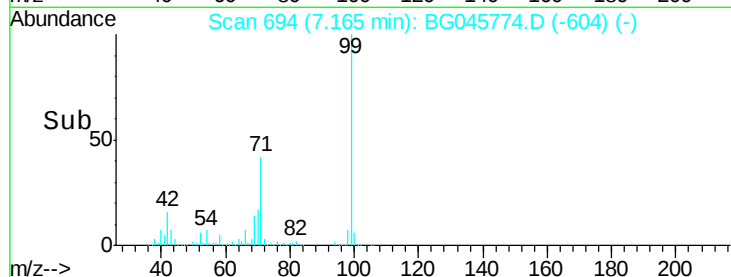
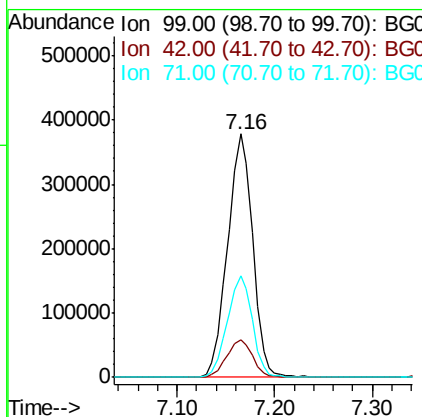
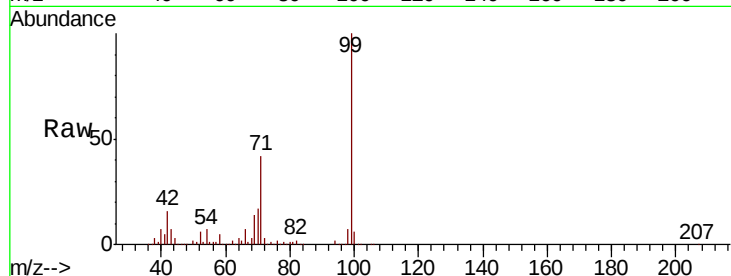
ClientSampleId :

PB129573BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 675098 |       |       |
| 42      | 15.6 | 12.4  | 18.6   |       |       |
| 71      | 41.8 | 32.1  | 48.1   |       |       |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 47.113 ng

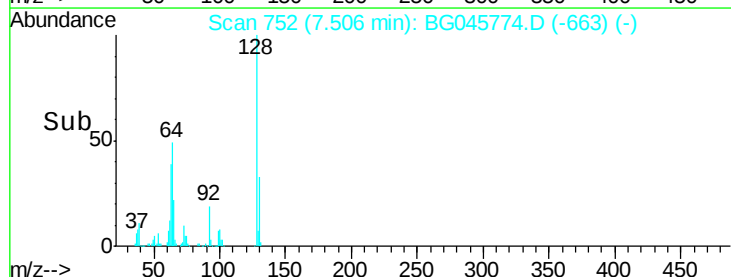
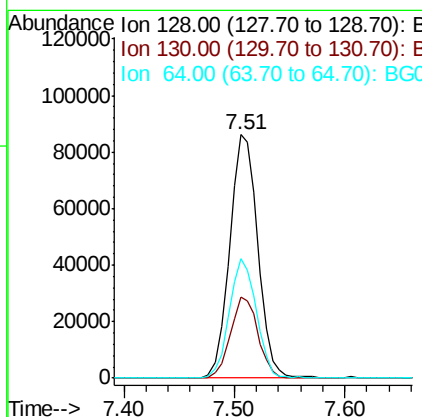
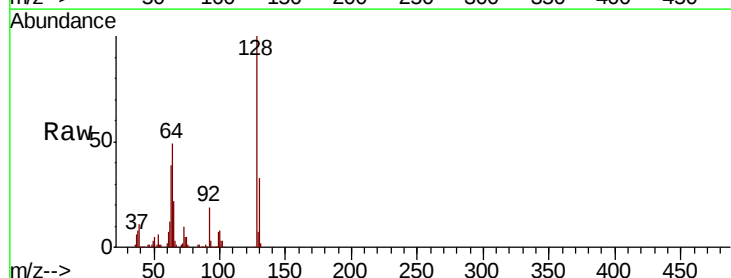
RT: 7.51 min Scan# 752

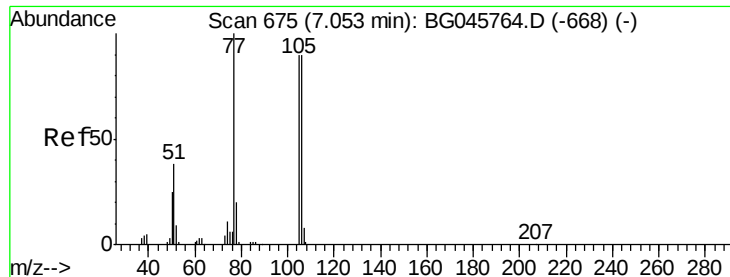
Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 153558 |       |       |
| 130     | 33.4 | 14.5  | 54.5   |       |       |
| 64      | 49.3 | 31.6  | 71.6   |       |       |





#9

Benzaldehyde

Concen: 36.388 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

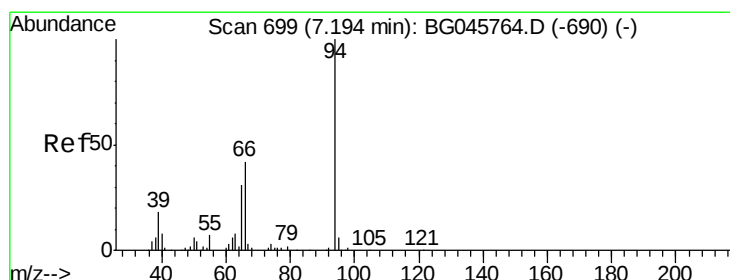
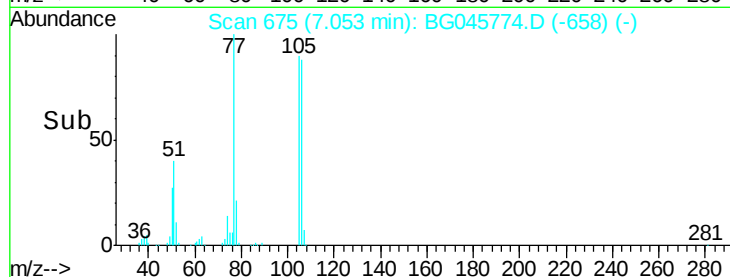
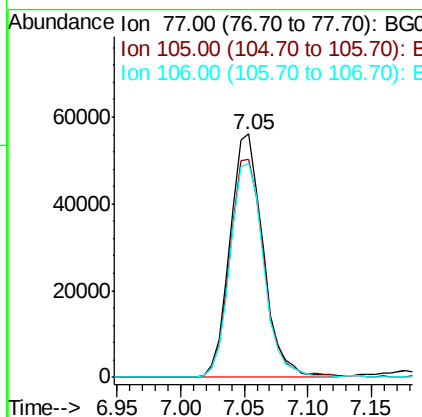
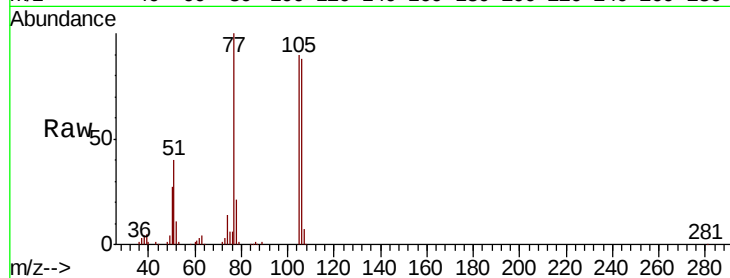
ClientSampleId :

PB129573BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 101231 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 89.8  | 70.4  | 110.4  |
| 106      | 87.7  | 70.2  | 110.2  |

Manual Integrations  
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#10

Phenol

Concen: 45.912 ng

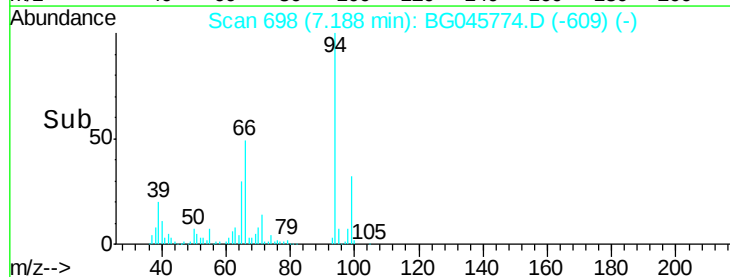
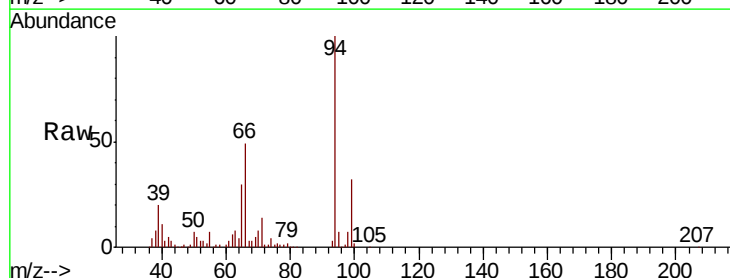
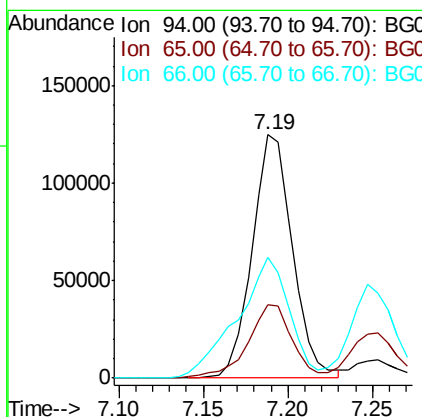
RT: 7.19 min Scan# 698

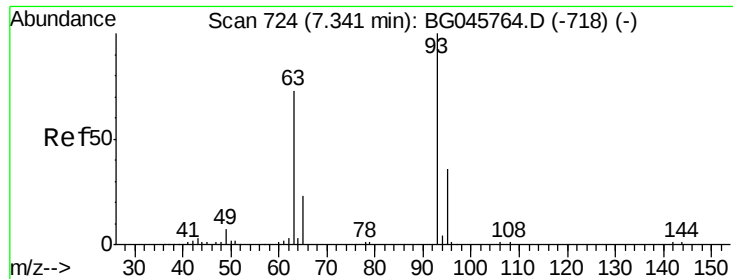
Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 206046 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 30.3  | 10.7  | 50.7   |
| 66       | 49.5  | 22.5  | 62.5   |





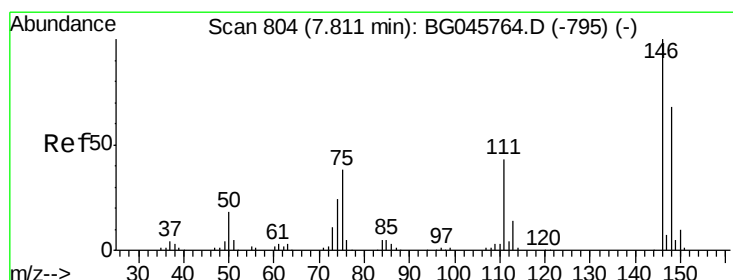
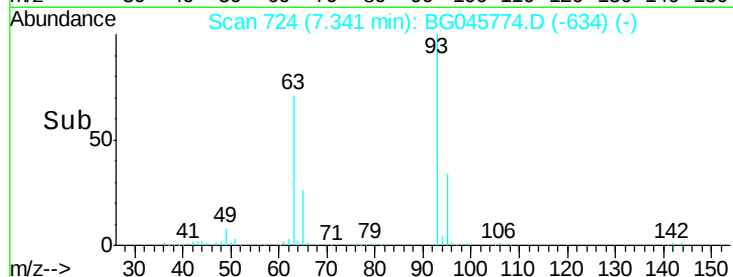
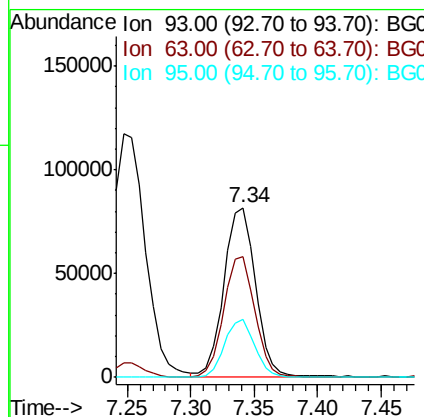
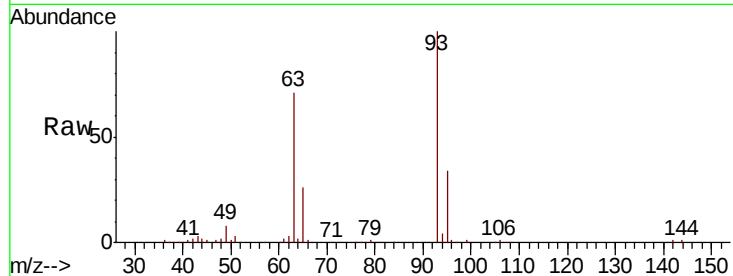
#11  
bis(2-Chloroethyl)ether  
Concen: 41.431 ng  
RT: 7.34 min Scan# 724  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 141230 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 71.3  | 52.0  | 92.0   |
| 95       | 34.5  | 15.6  | 55.6   |

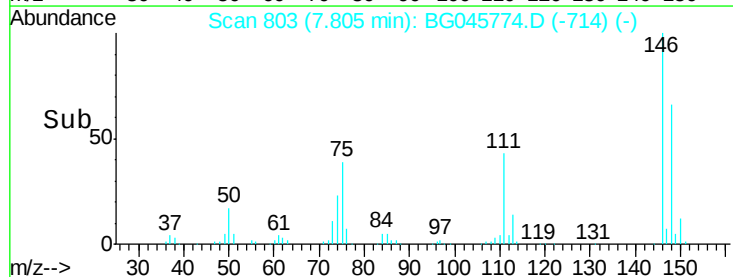
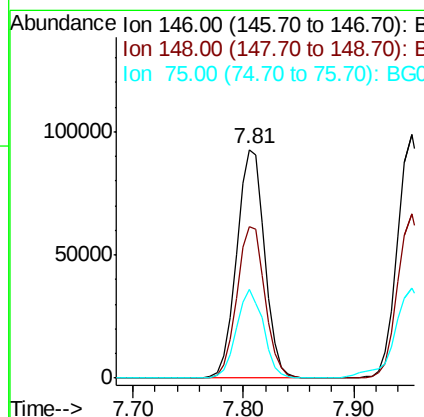
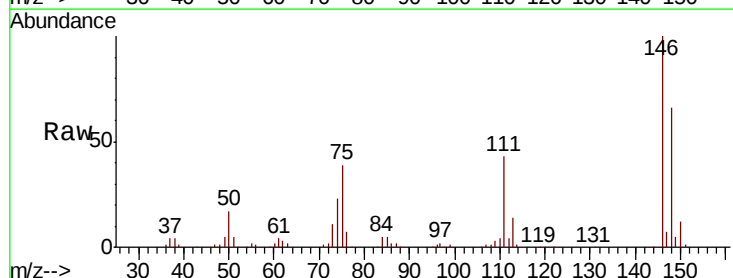
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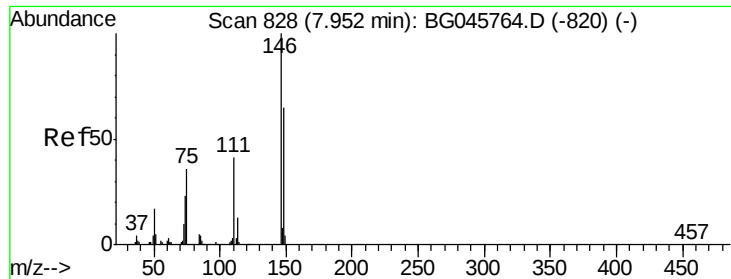
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 42.381 ng  
RT: 7.81 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 164618 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 66.2  | 54.2  | 81.4   |
| 75       | 38.8  | 30.1  | 45.1   |





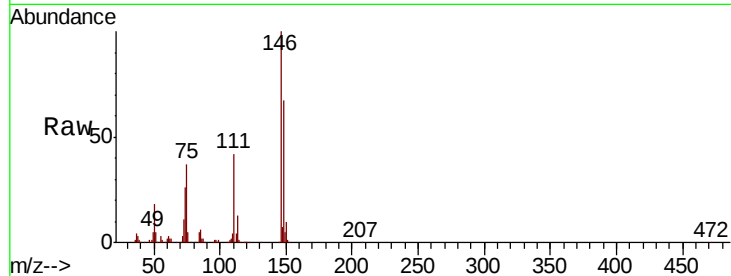
#13  
 1,4-Dichlorobenzene  
 Concen: 43.042 ng  
 RT: 7.95 min Scan# 828  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.3  | 51.8  | 77.6  |
| 111     | 41.5  | 32.8  | 49.2  |

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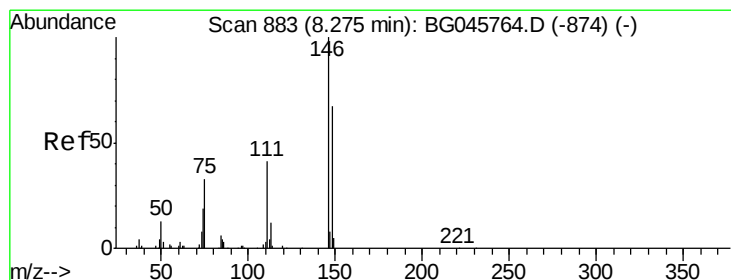
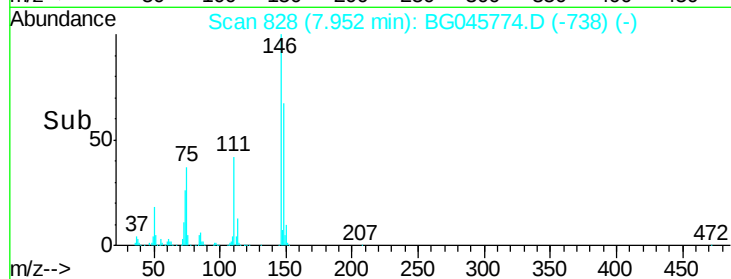
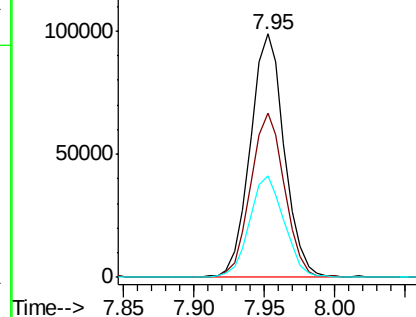


Abundance

Ion 146.00 (145.70 to 146.70): E

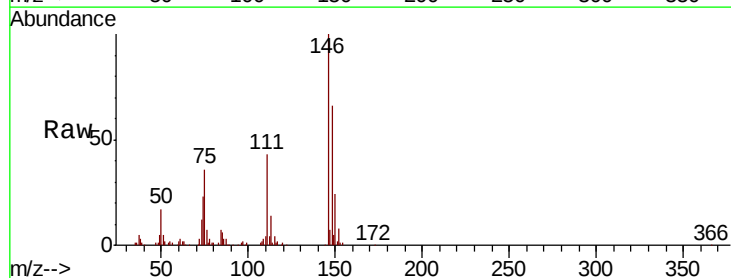
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 42.455 ng  
 RT: 8.27 min Scan# 882  
 Delta R.T. -0.01 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.4  | 54.1  | 81.1  |
| 111     | 42.6  | 32.9  | 49.3  |

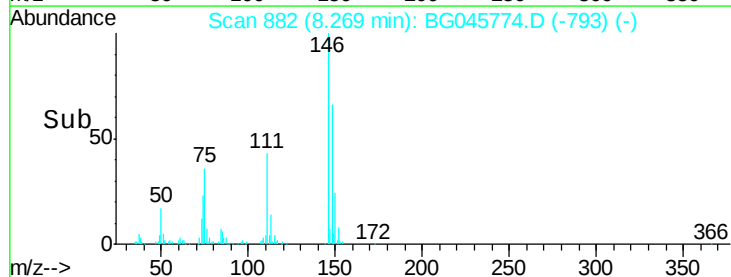
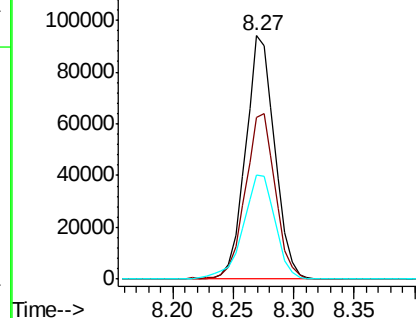


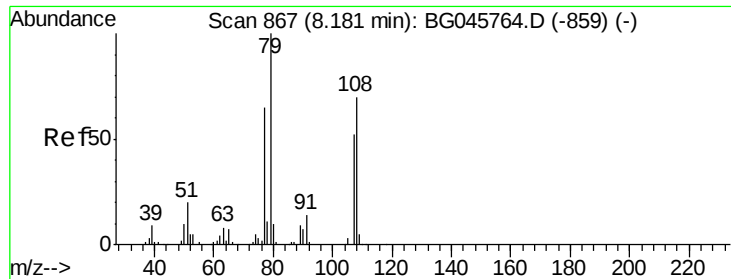
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.656 ng

RT: 8.18 min Scan# 867

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

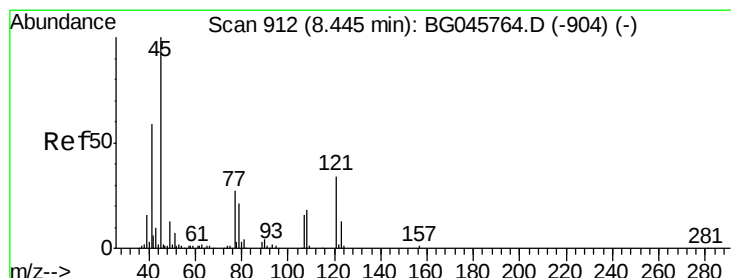
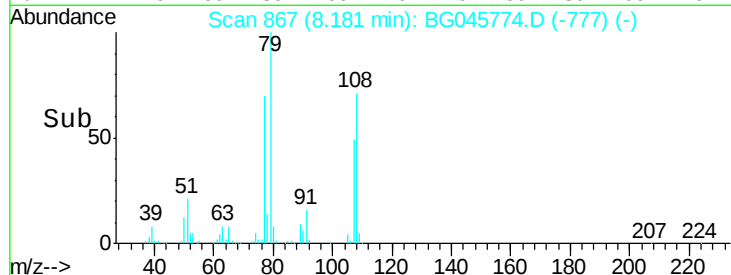
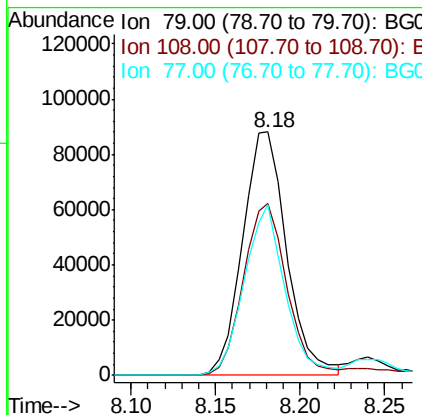
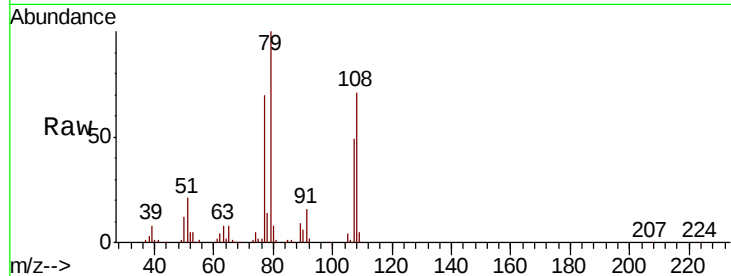
ClientSampleId :

PB129573BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 79      | 100  |       |      |       |       |
| 108     | 70.6 | 56.2  | 84.4 |       |       |
| 77      | 70.0 | 52.2  | 78.2 |       |       |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.576 ng

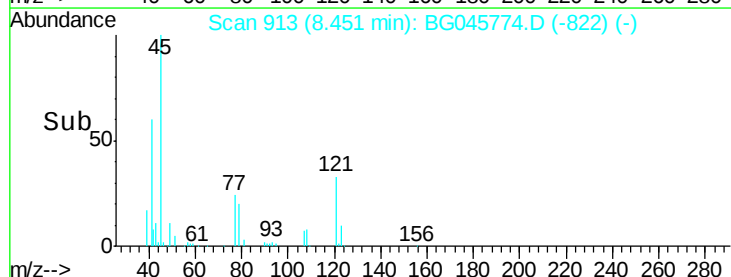
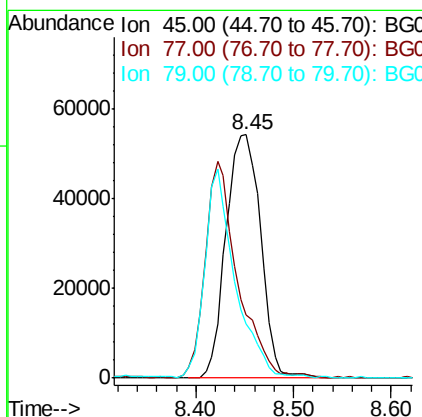
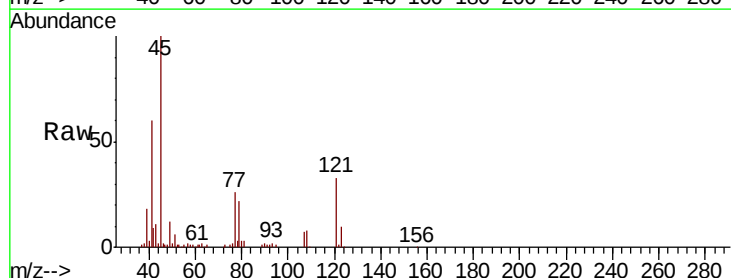
RT: 8.45 min Scan# 913

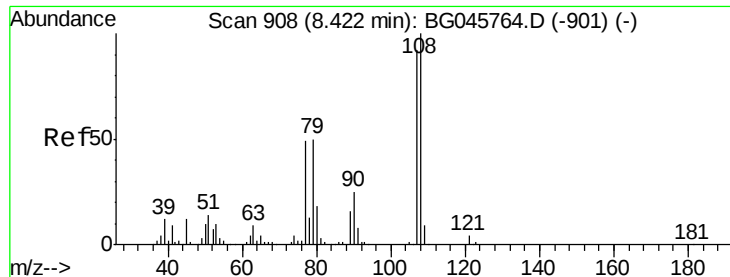
Delta R.T. 0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 45      | 100  |       |      |       |       |
| 77      | 25.9 | 14.9  | 54.9 |       |       |
| 79      | 22.0 | 9.2   | 49.2 |       |       |





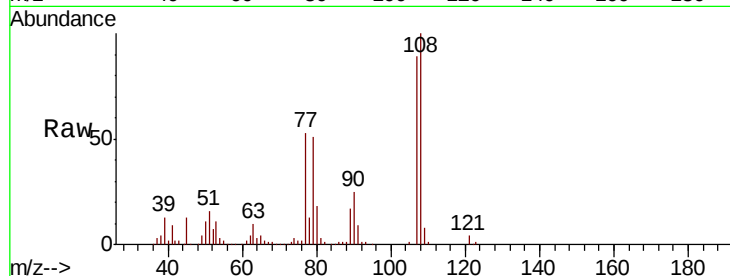
#17  
2-Methylphenol  
Concen: 42.031 ng  
RT: 8.42 min Scan# 908  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.8 | 87.4 | 131.0 |       |
| 77      | 60.0  | 42.5 | 63.7  |       |
| 79      | 57.9  | 44.0 | 66.0  |       |

Manual Integrations  
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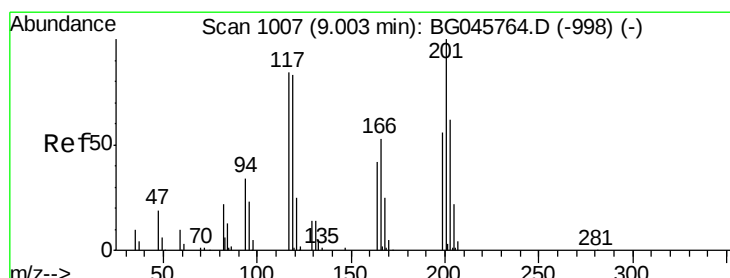
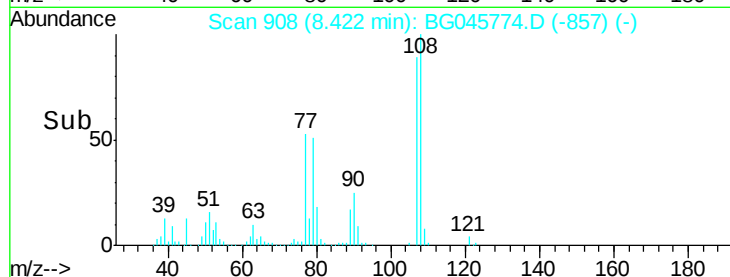
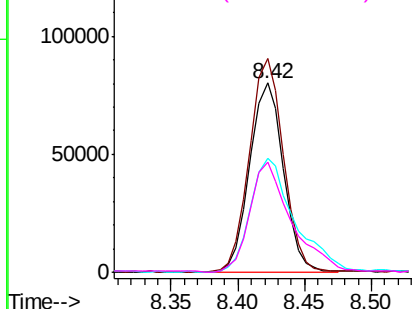
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

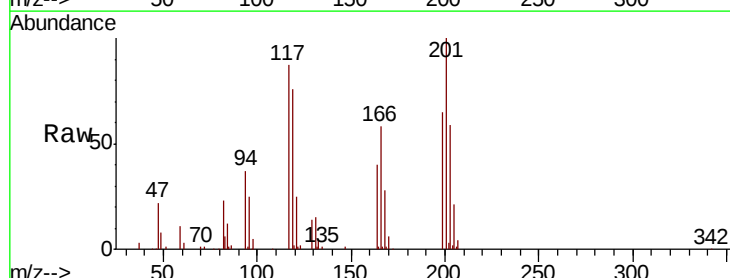
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 43.030 ng  
RT: 9.00 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 87.3  | 78.9 | 118.3 |       |
| 201     | 115.2 | 95.5 | 143.3 |       |

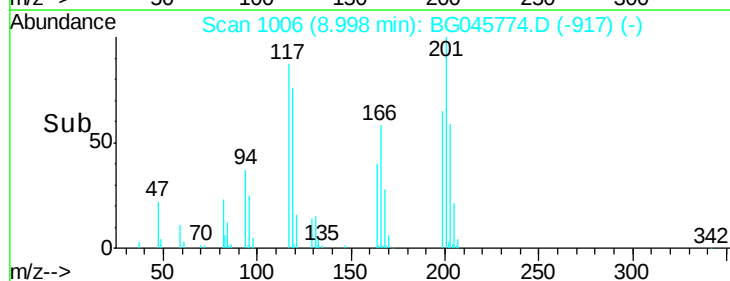
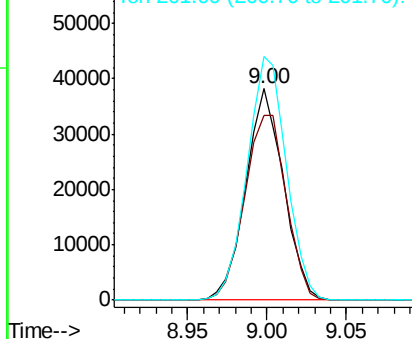


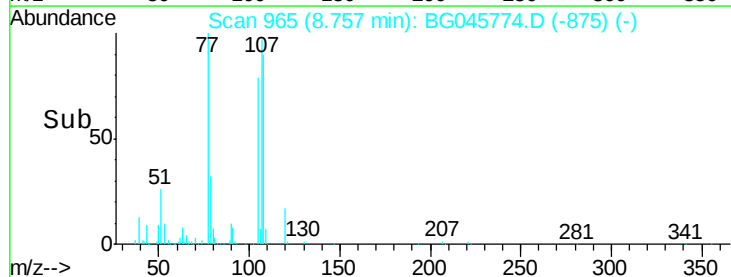
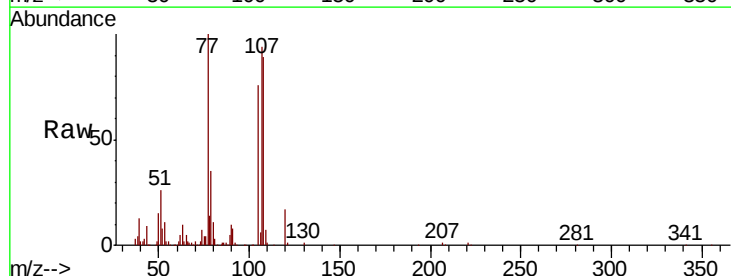
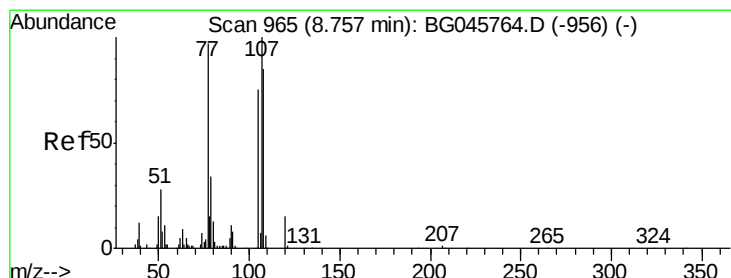
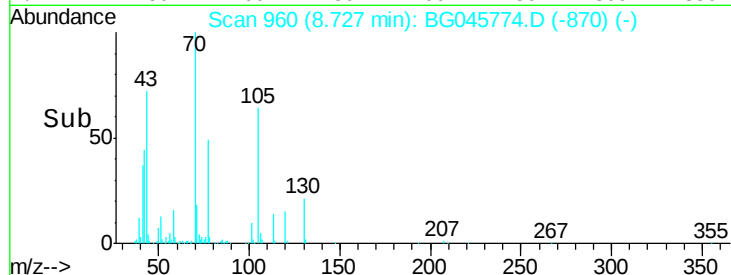
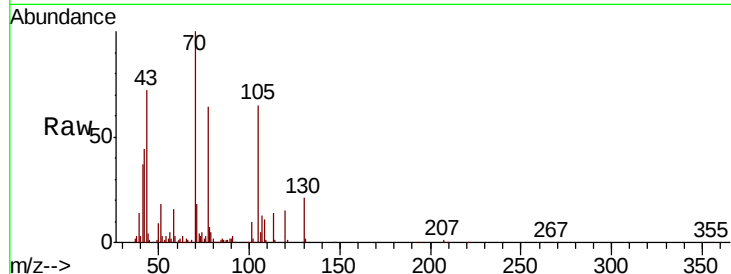
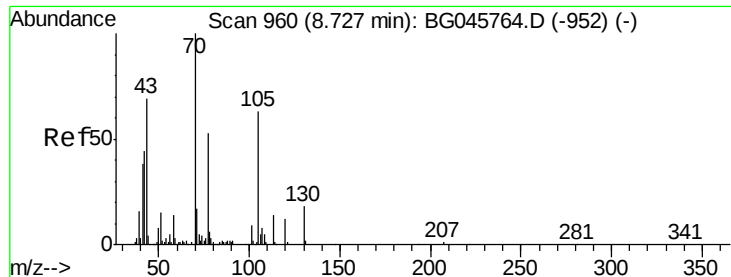
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

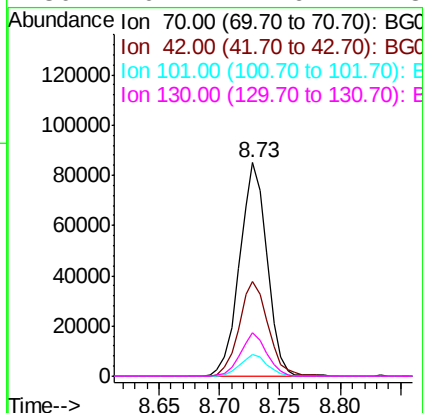
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 44.306 ng  
RT: 8.73 min Scan# 960  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 134917  | 70  | 100   |       |       |
|         | 42  | 44.3  | 35.1  | 52.7  |
|         | 101 | 10.4  | 7.4   | 11.0  |
|         | 130 | 20.7  | 14.6  | 21.8  |



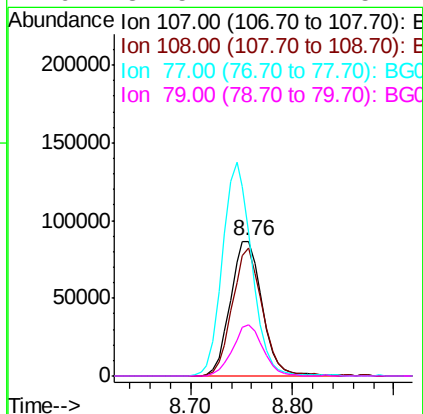
Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

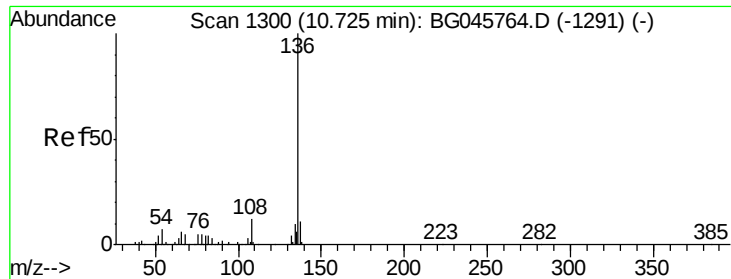
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 42.847 ng  
RT: 8.76 min Scan# 965  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188205  | 107 | 100   |       |       |
|         | 108 | 94.4  | 65.4  | 105.4 |
|         | 77  | 106.1 | 77.2  | 117.2 |
|         | 79  | 37.5  | 14.2  | 54.2  |





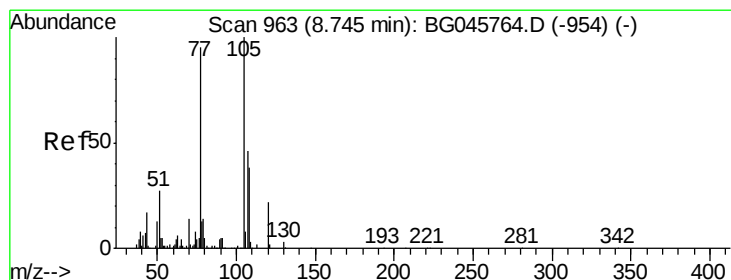
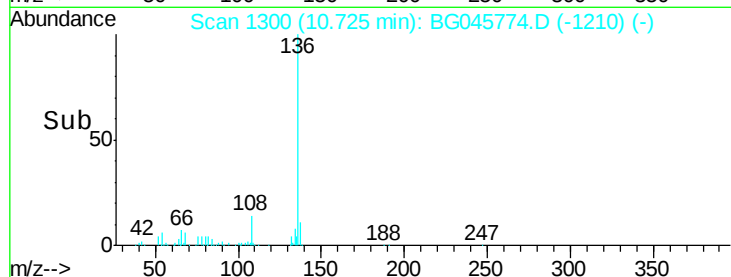
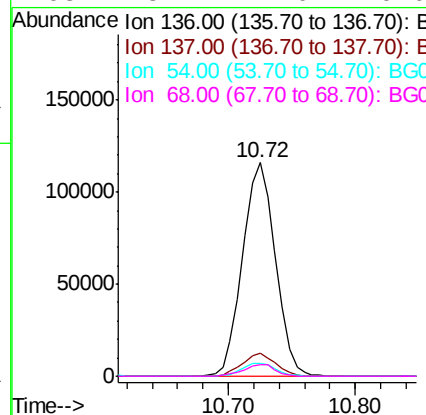
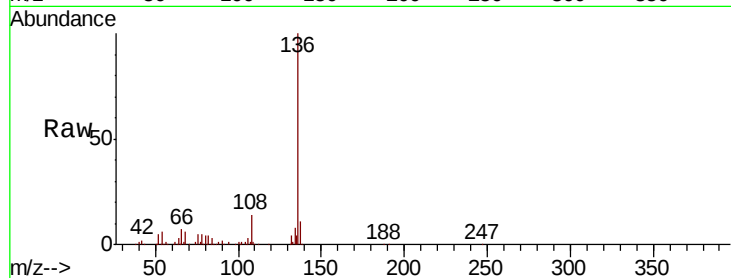
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.72 min Scan# 1300  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 207978 |       |       |
| 137     | 10.8  |        | 8.7   | 13.1  |
| 54      | 5.8   |        | 5.8   | 8.6   |
| 68      | 5.7   |        | 4.0   | 6.0   |

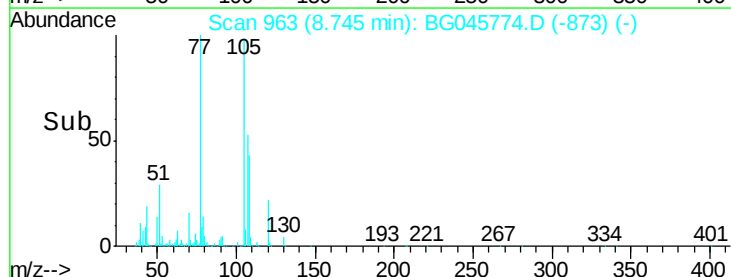
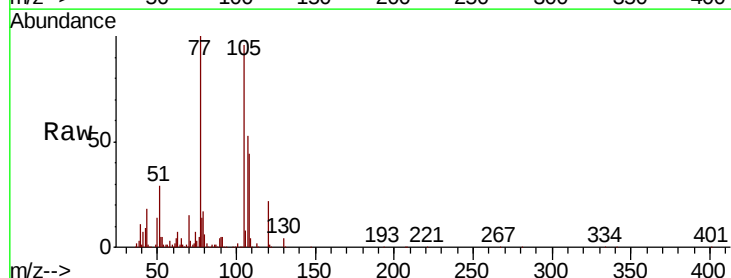
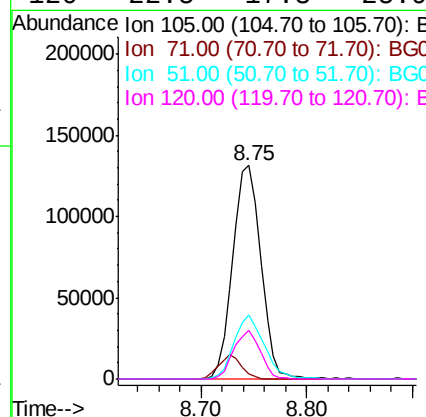
Manual Integrations  
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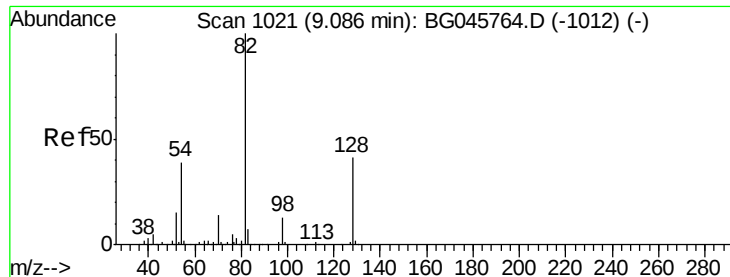
mohammad  
6/18/2020 11:51:31 AM



#22  
Acetophenone  
Concen: 42.513 ng  
RT: 8.75 min Scan# 963  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 242680 |       |       |
| 71      | 2.6   |        | 1.8   | 2.8   |
| 51      | 30.2  |        | 21.9  | 32.9  |
| 120     | 22.5  |        | 17.3  | 25.9  |





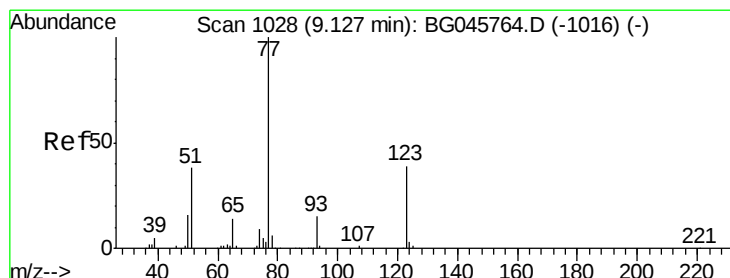
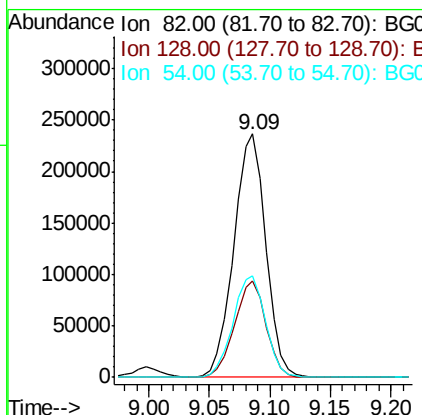
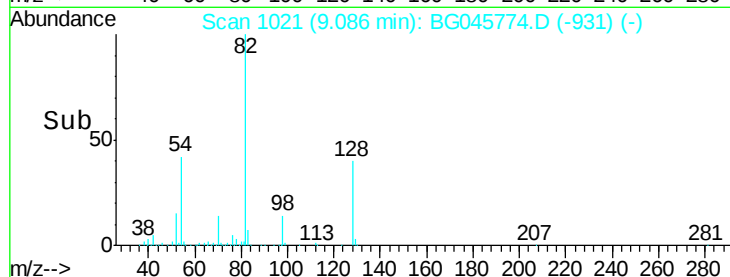
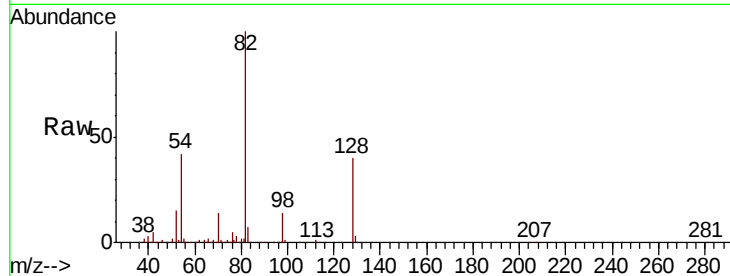
#23  
Nitrobenzene-d5  
Concen: 95.845 ng  
RT: 9.09 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.8  | 32.5  | 48.7  |
| 54      | 41.7  | 31.2  | 46.8  |

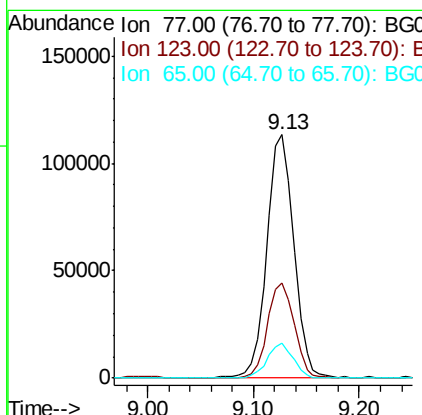
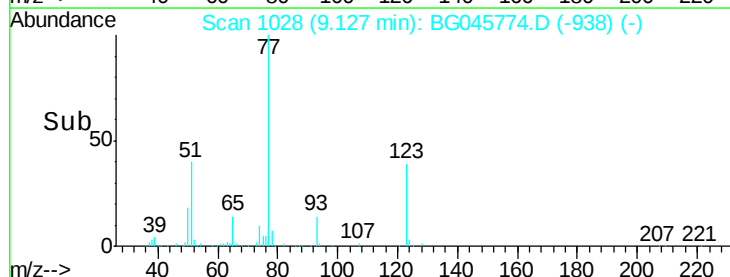
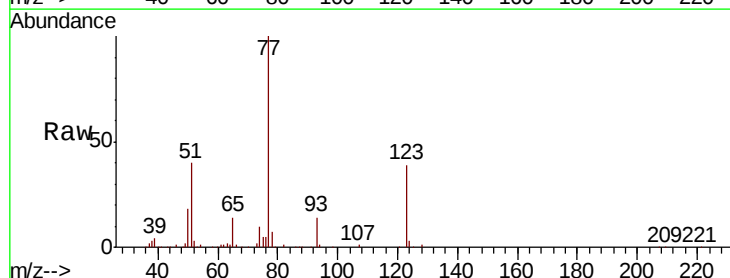
Manual Integrations  
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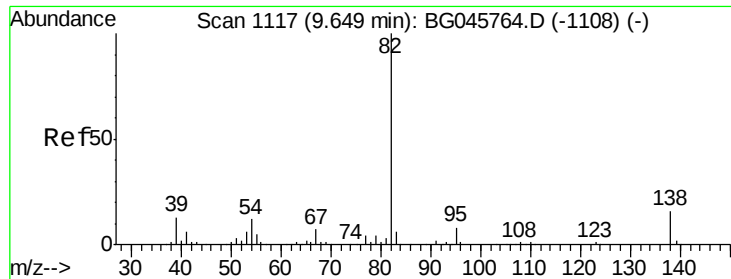
mohammad  
6/18/2020 11:51:31 AM



#24  
Nitrobenzene  
Concen: 41.333 ng  
RT: 9.13 min Scan# 1028  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.1  | 31.2  | 46.8  |
| 65      | 14.2  | 11.4  | 17.2  |





#25

Isophorone

Concen: 41.179 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

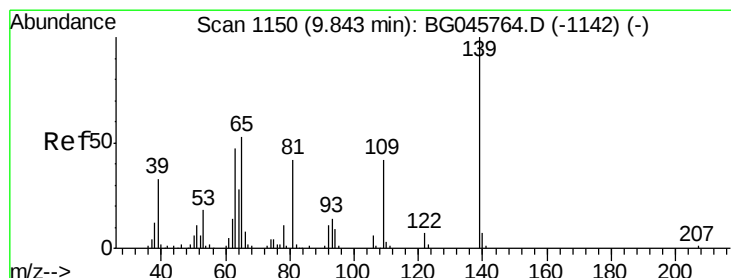
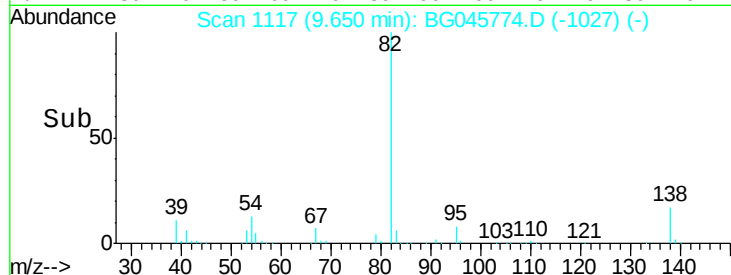
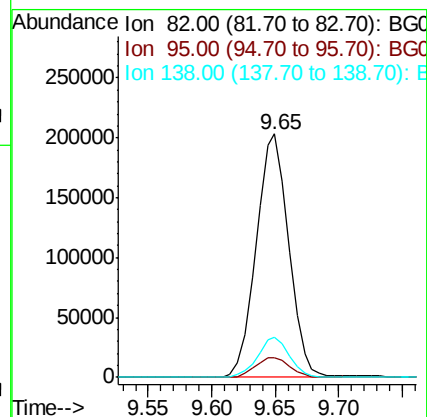
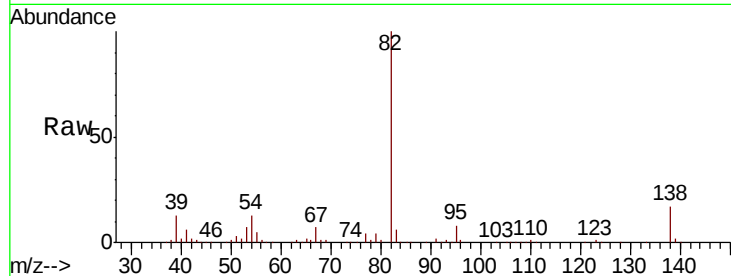
ClientSampled :

PB129573BS

| Tot Ion   | 82    | Resp  | 362928 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.3   | 6.2   | 9.4    |
| 138       | 16.7  | 12.6  | 18.8   |

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#26

2-Nitrophenol

Concen: 44.818 ng

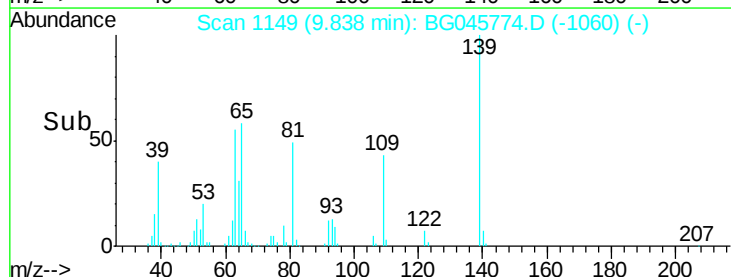
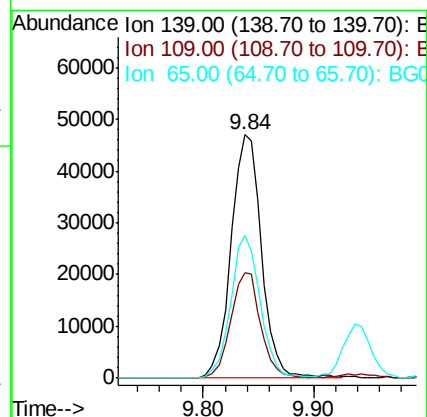
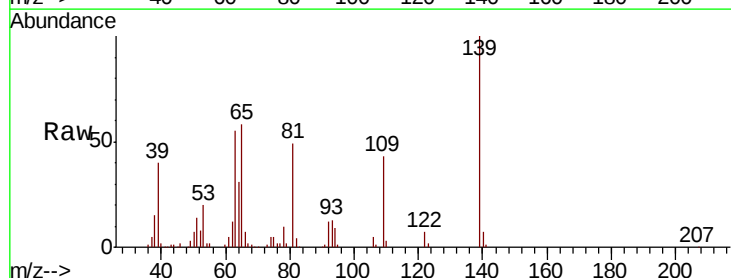
RT: 9.84 min Scan# 1149

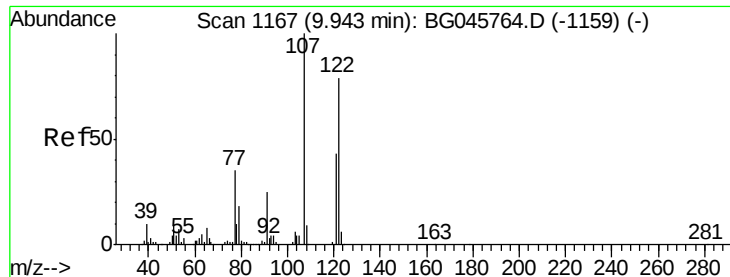
Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

| Tgt Ion   | 139   | Resp  | 90636 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 43.2  | 33.5  | 50.3  |
| 65        | 58.4  | 42.2  | 63.4  |





#27

2,4-Dimethylphenol

Concen: 47.546 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

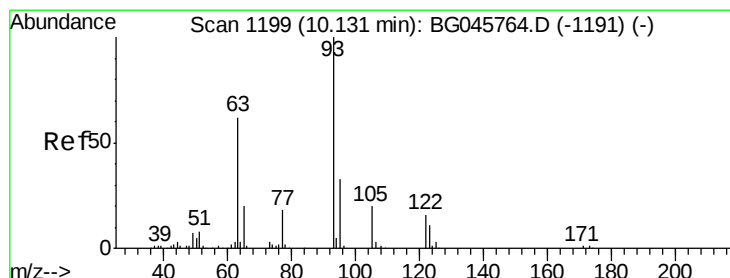
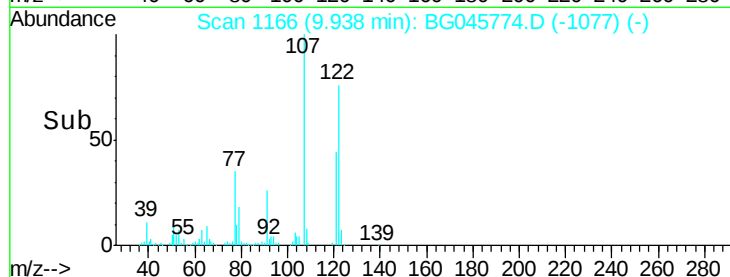
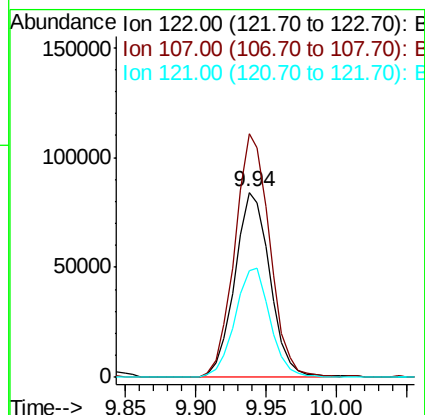
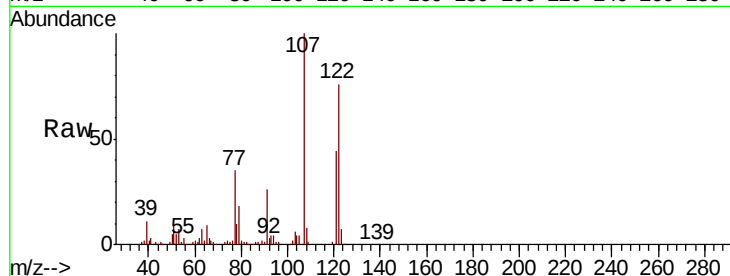
ClientSampleId :

PB129573BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 146802 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 131.5 | 101.3 | 151.9  |
| 121       | 57.6  | 43.9  | 65.9   |

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#28

bis(2-Chloroethoxy)methane

Concen: 43.181 ng

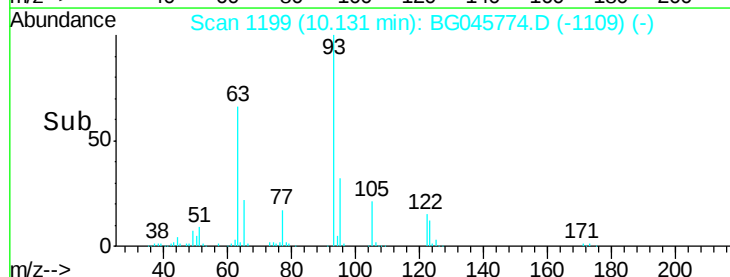
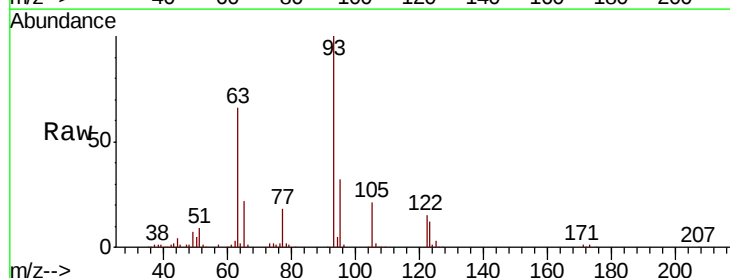
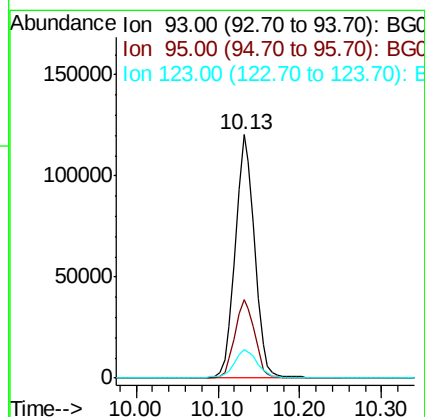
RT: 10.13 min Scan# 1199

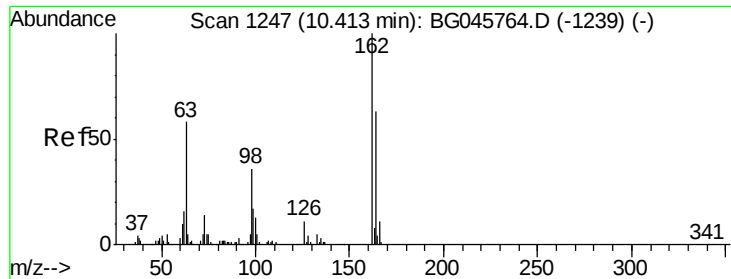
Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 198792 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.2  | 26.3  | 39.5   |
| 123       | 11.9  | 9.3   | 13.9   |





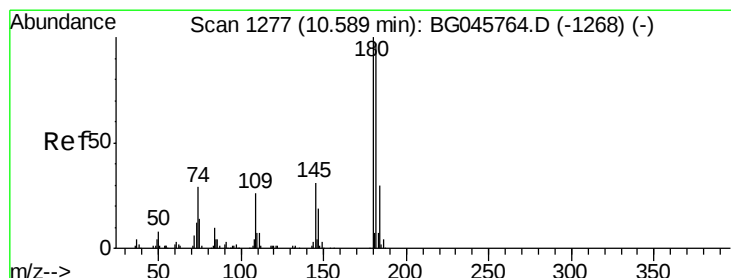
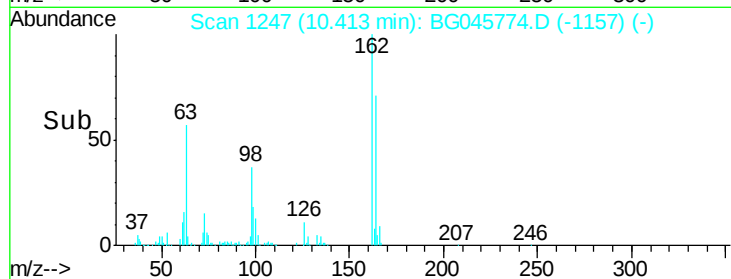
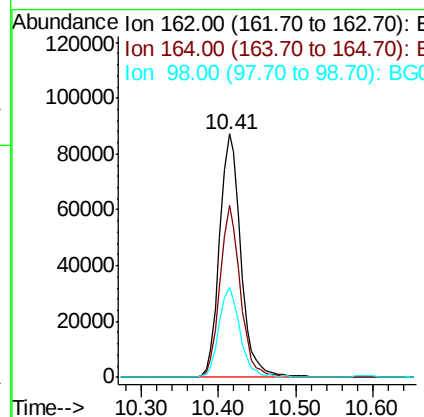
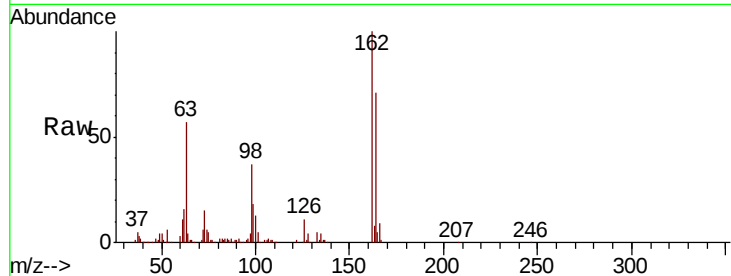
#29  
 2,4-Dichlorophenol  
 Concen: 46.203 ng  
 RT: 10.41 min Scan# 1247  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129573BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 162     | 100  |       |      |       |       |
| 164     | 70.8 | 43.3  | 83.3 |       |       |
| 98      | 36.9 | 15.5  | 55.5 |       |       |

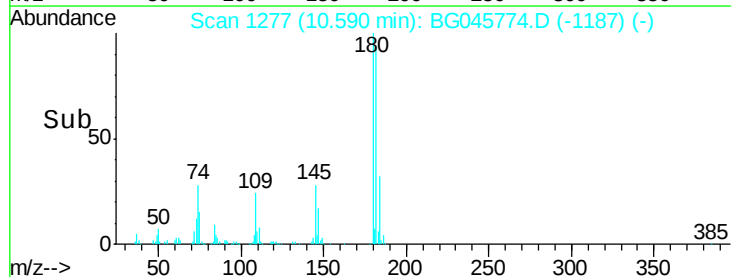
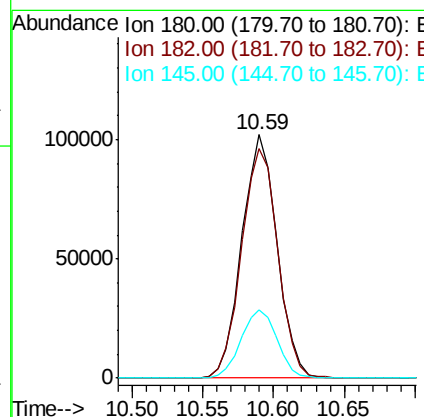
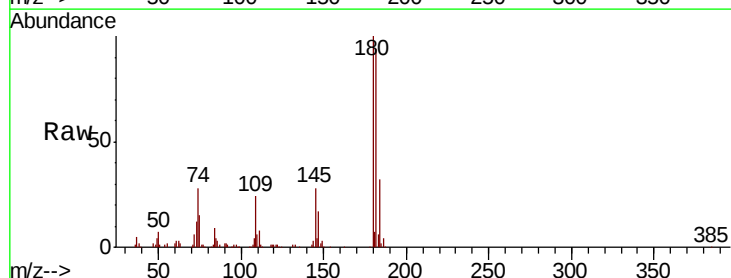
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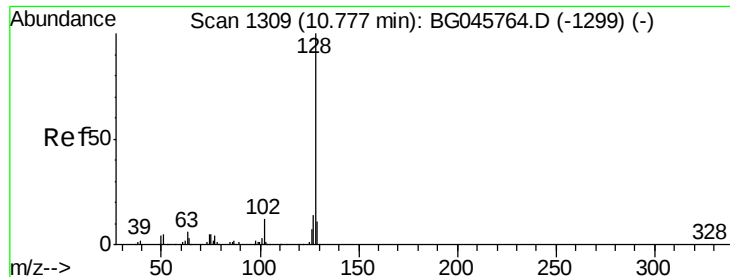
mohammad  
 6/18/2020 11:51:31 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.757 ng  
 RT: 10.59 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 180     | 100  |       |       |       |       |
| 182     | 94.1 | 77.8  | 116.6 |       |       |
| 145     | 28.0 | 24.5  | 36.7  |       |       |





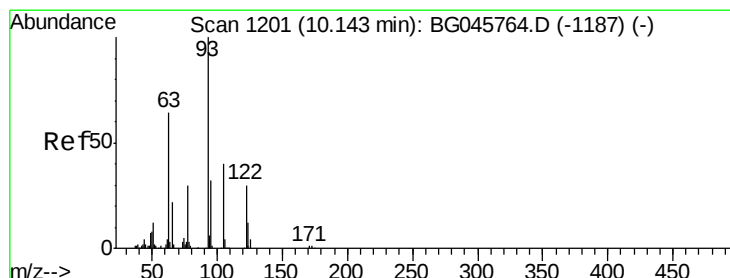
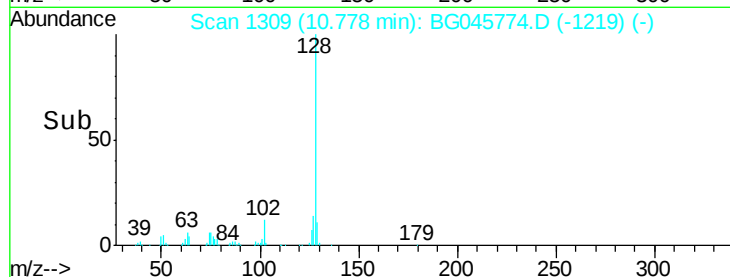
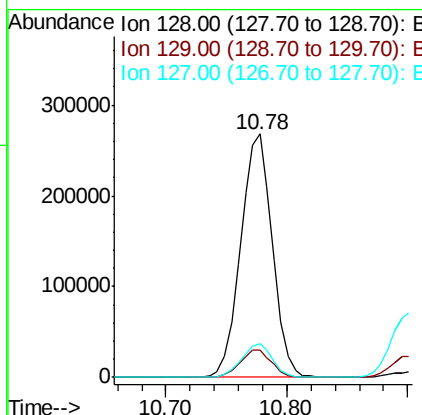
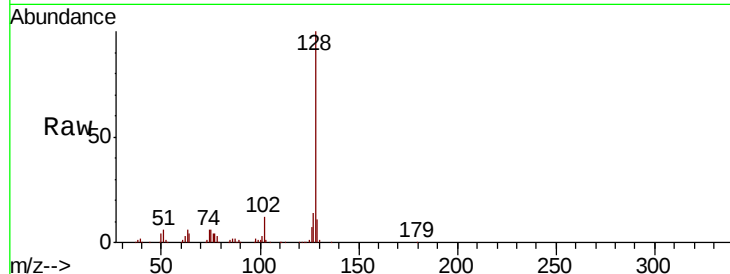
#31  
Naphthalene  
Concen: 42.808 ng  
RT: 10.78 min Scan# 1309  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 8.6   | 13.0  |
| 127     | 13.6  | 10.9  | 16.3  |

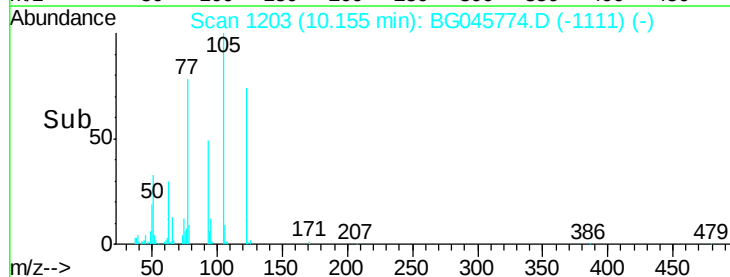
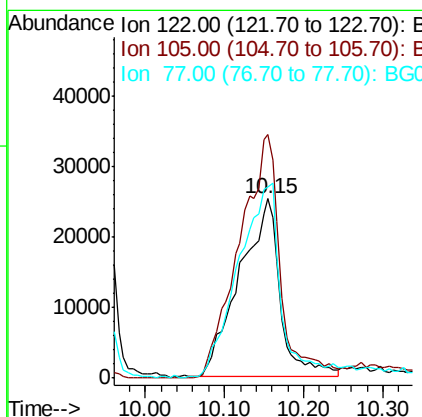
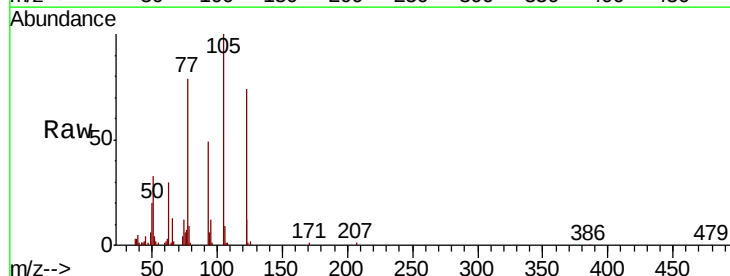
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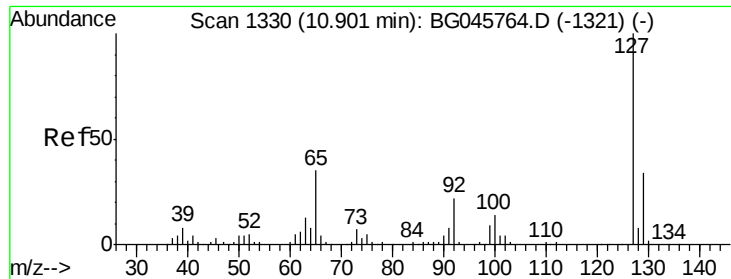
mohammad  
6/18/2020 11:51:31 AM



#32  
Benzoic acid  
Concen: 45.423 ng  
RT: 10.15 min Scan# 1203  
Delta R.T. 0.01 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 135.8 | 112.9 | 152.9 |
| 77      | 106.6 | 79.2  | 119.2 |





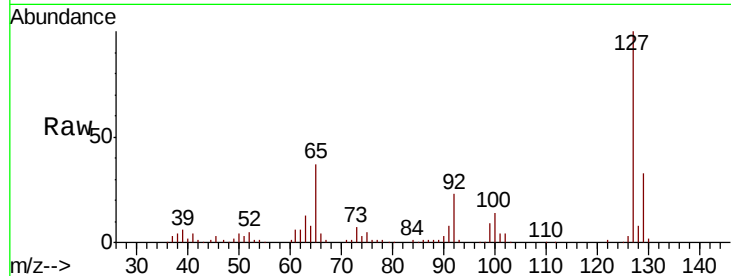
#33  
4-Chloroaniline  
Concen: 31.775 ng  
RT: 10.90 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 151300 |       |       |
| 129     | 33.2 | 26.8  | 40.2   |       |       |
| 65      | 36.7 | 27.8  | 41.8   |       |       |
| 92      | 22.7 | 17.3  | 25.9   |       |       |

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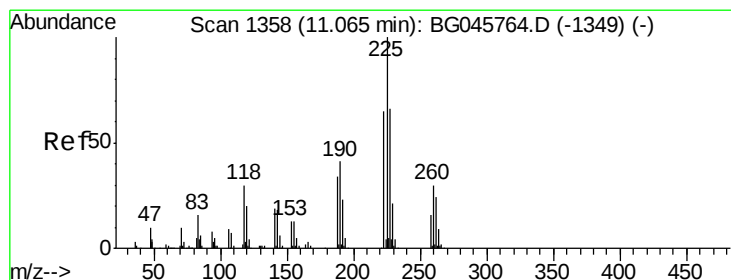
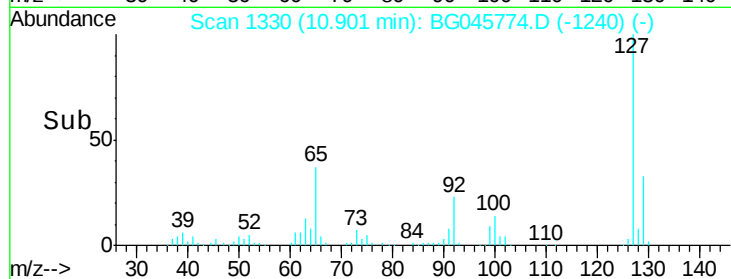
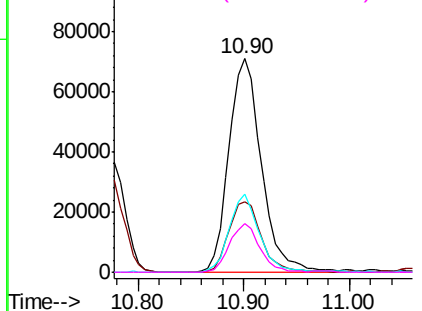
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

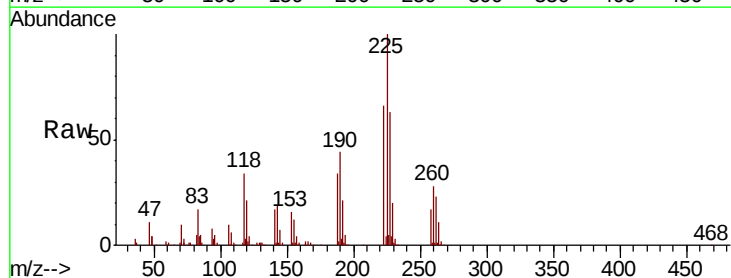
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 41.408 ng  
RT: 11.07 min Scan# 1358  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 125584 |       |       |
| 223     | 65.8 | 52.0  | 78.0   |       |       |
| 227     | 63.4 | 52.5  | 78.7   |       |       |

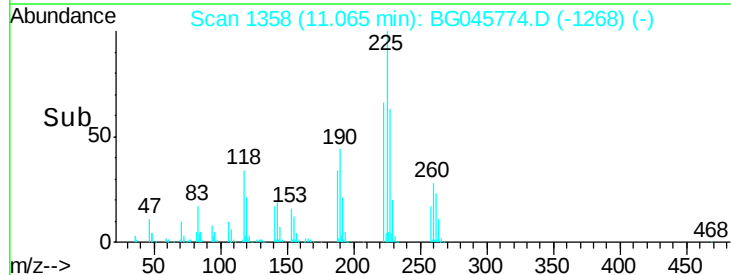
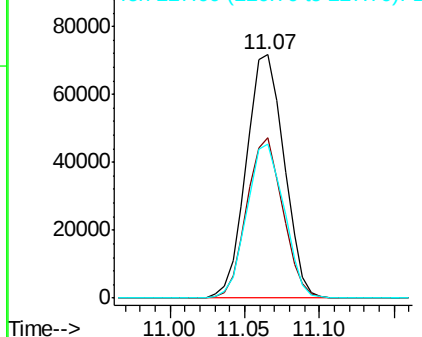


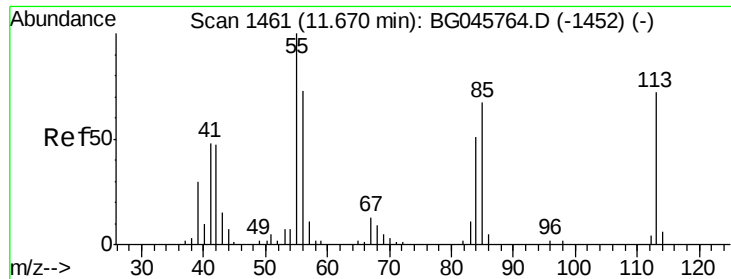
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





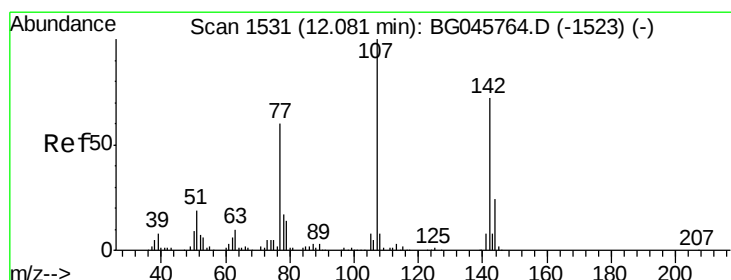
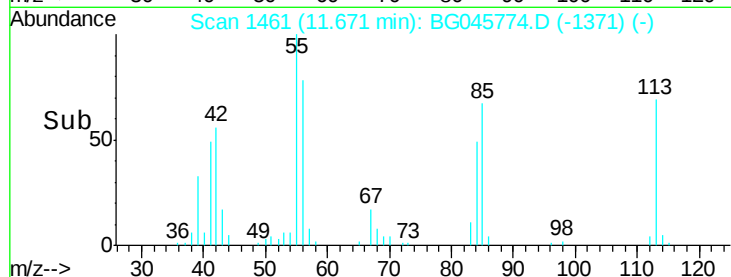
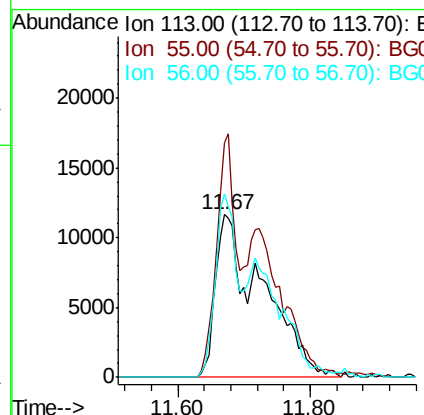
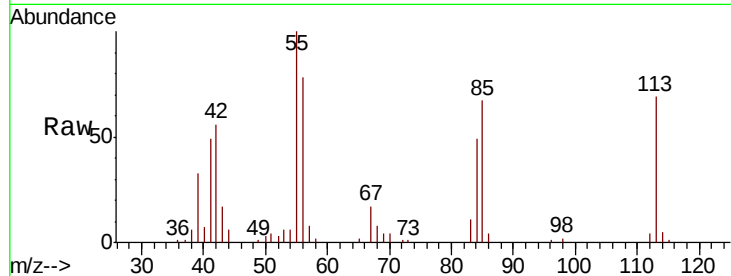
#35  
Caprolactam  
Concen: 48.922 ng/ml  
RT: 11.67 min Scan# 1461  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

Tot Ion:113 Resp: 57028  
Ion Ratio Lower Upper  
113 100  
55 144.4 119.7 159.7  
56 113.1 82.5 122.5

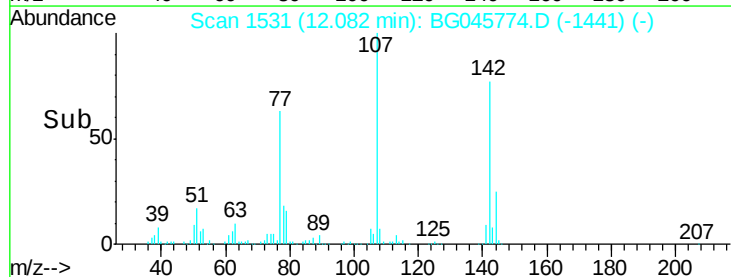
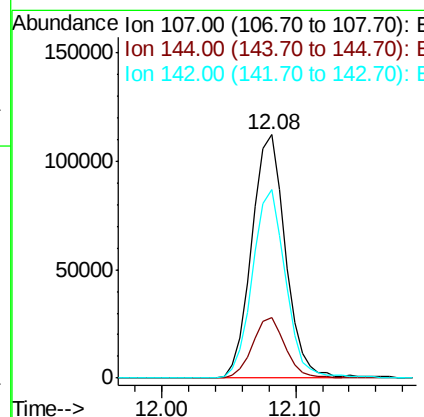
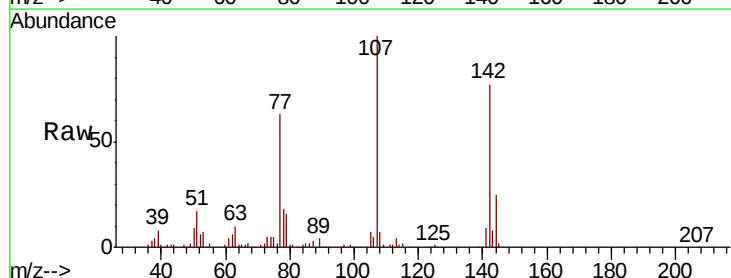
Manual Integrations  
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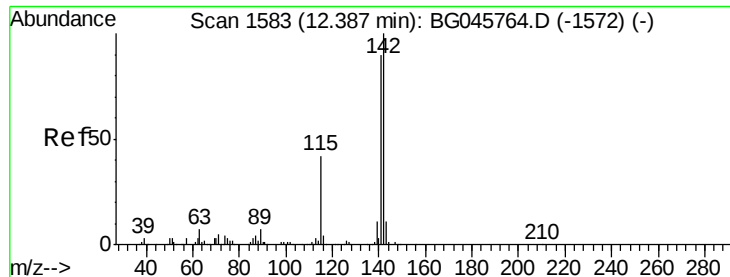
mohammad  
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#36  
4-Chloro-3-methylphenol  
Concen: 46.971 ng  
RT: 12.08 min Scan# 1531  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Tgt Ion:107 Resp: 195363  
Ion Ratio Lower Upper  
107 100  
144 24.8 19.5 29.3  
142 77.2 57.4 86.0





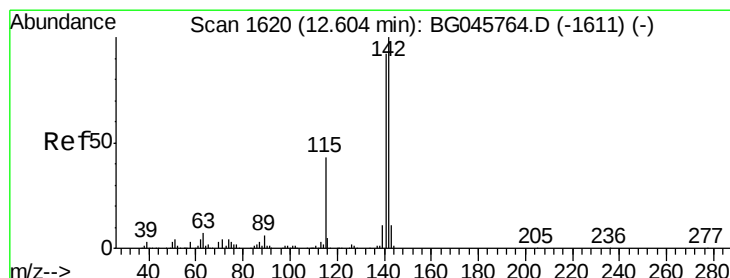
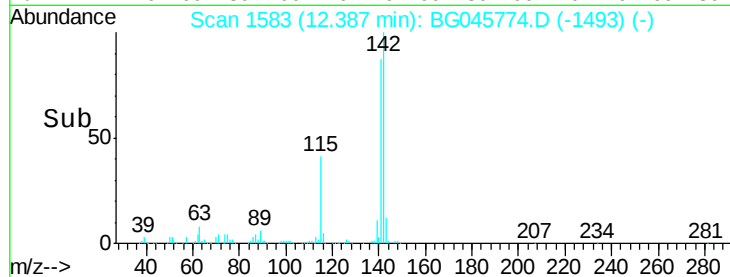
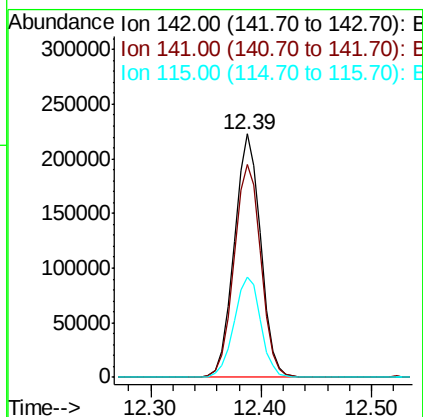
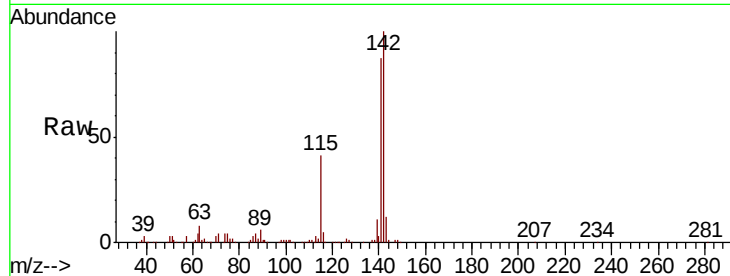
#37  
2-Methylnaphthalene  
Concen: 44.282 ng  
RT: 12.39 min Scan# 1583  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.2  | 71.7  | 107.5 |
| 115     | 41.1  | 33.8  | 50.6  |

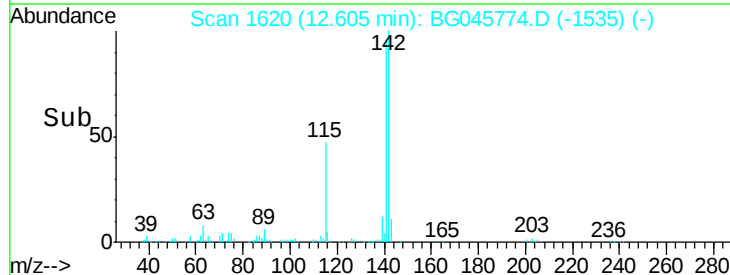
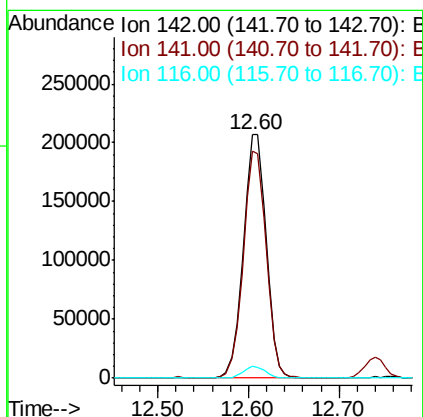
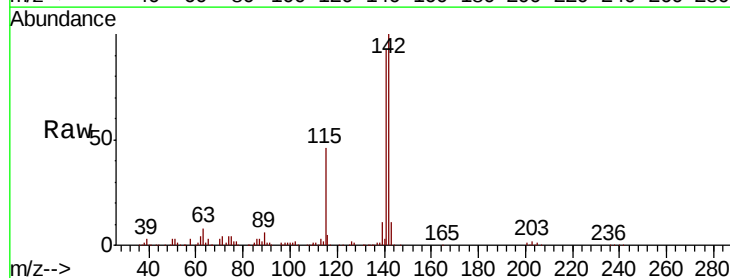
Manual Integrations  
APPROVED

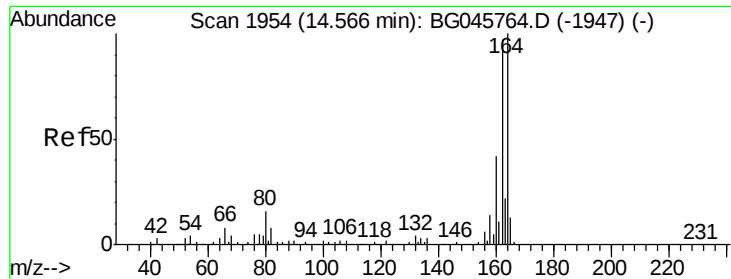
mohammad  
6/18/2020 11:51:31 AM



#38  
1-Methylnaphthalene  
Concen: 45.051 ng  
RT: 12.60 min Scan# 1620  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.4  | 73.8  | 110.8 |
| 116     | 4.9   | 3.8   | 5.8   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

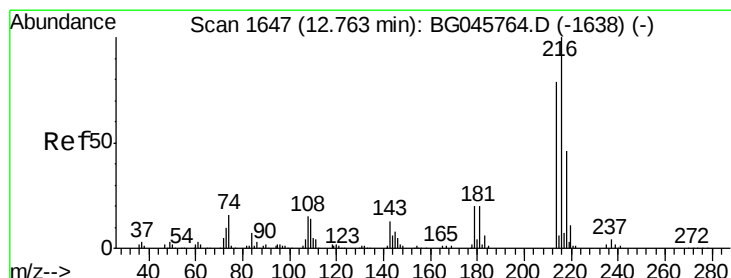
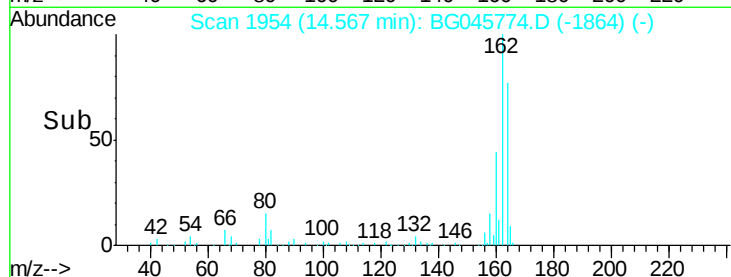
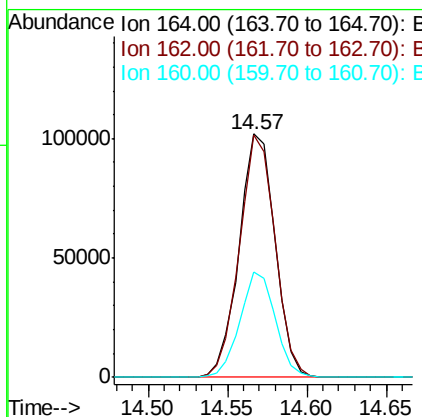
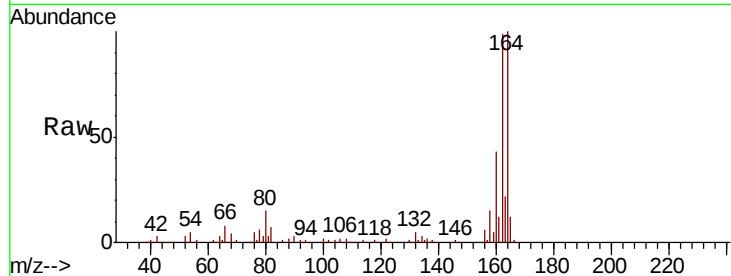
ClientSampled :

PB129573BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 160268 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.4  | 77.4  | 116.0  |
| 160       | 43.3  | 33.3  | 49.9   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.629 ng

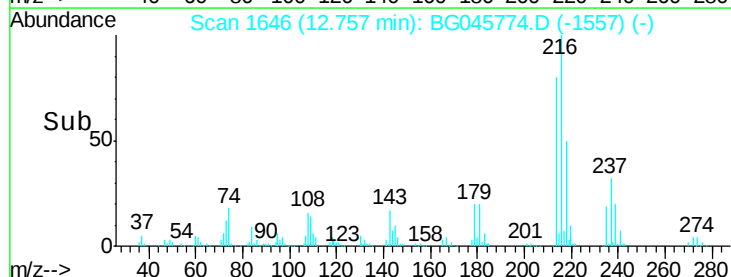
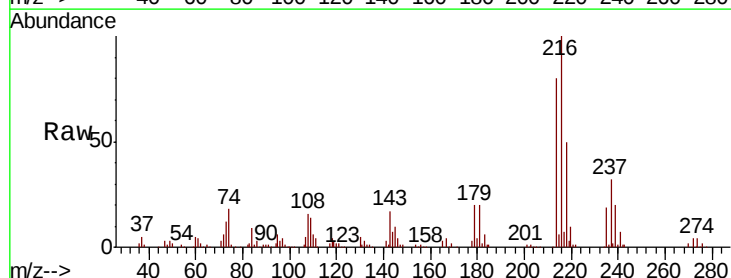
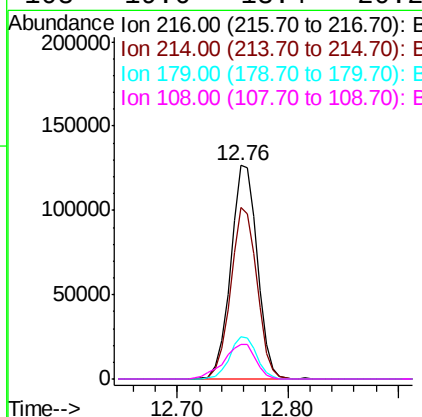
RT: 12.76 min Scan# 1646

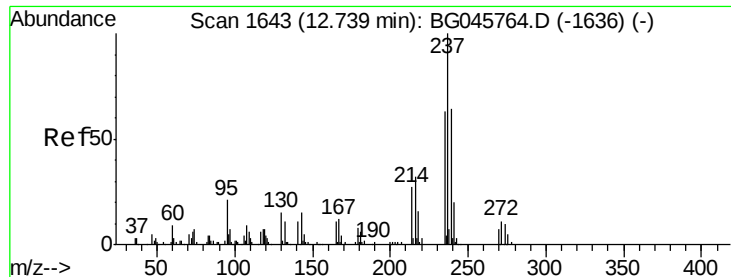
Delta R.T. -0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 214407 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.0  | 62.8  | 94.2   |
| 179       | 19.8  | 16.2  | 24.4   |
| 108       | 19.6  | 13.4  | 20.2   |





#41

Hexachlorocyclopentadiene

Concen: 87.909 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

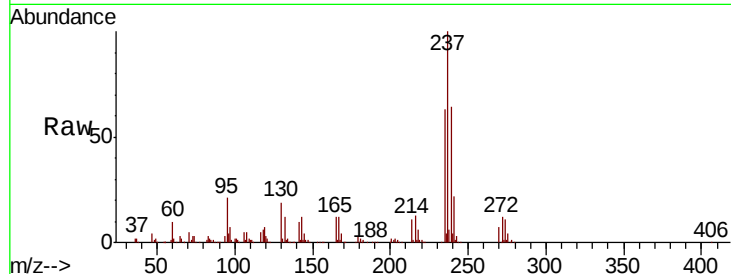
ClientSampleId :

PB129573BS

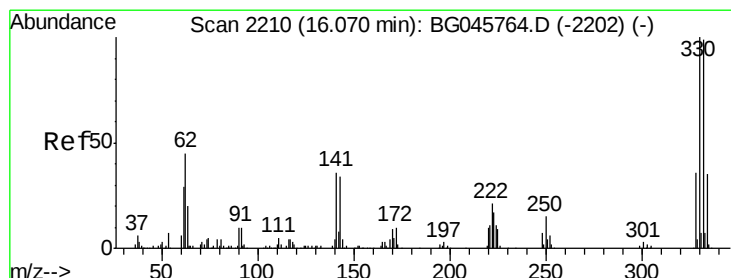
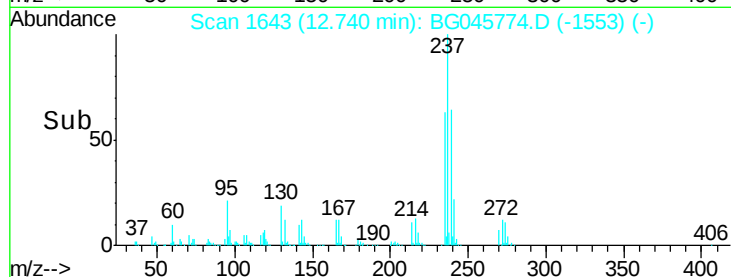
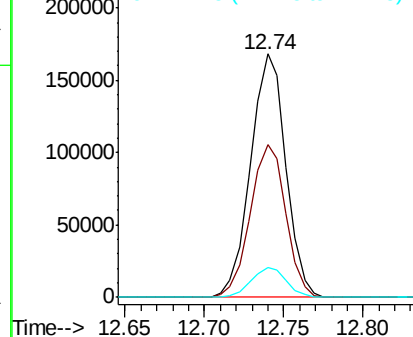
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 258966 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.5  | 42.9  | 82.9   |
| 272       | 12.2  | 0.0   | 30.9   |

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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: 147.450 ng

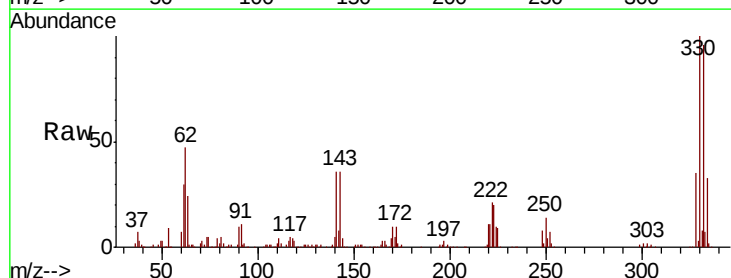
RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

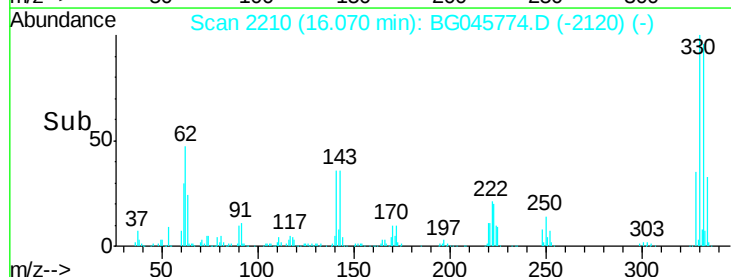
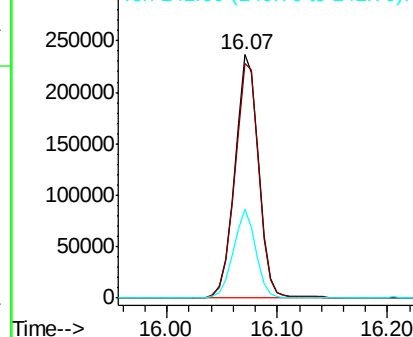
Lab File: BG045774.D

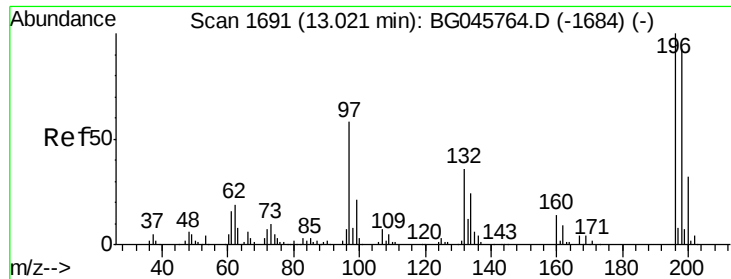
Acq: 16 Jun 2020 16:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 356775 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.7  | 78.6  | 117.8  |
| 141       | 34.6  | 28.2  | 42.4   |



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





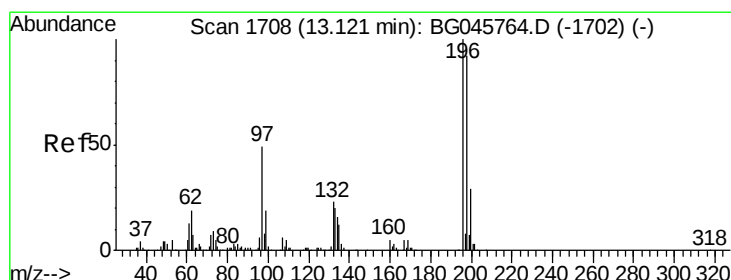
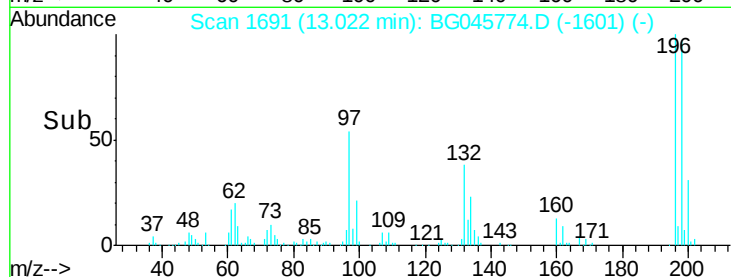
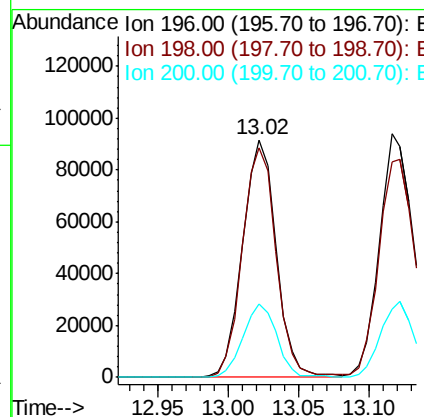
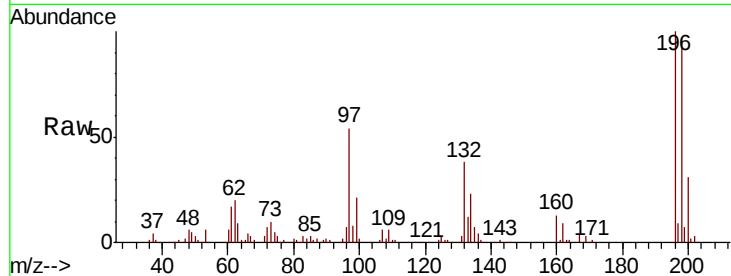
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.737 ng  
 RT: 13.02 min Scan# 1691  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129573BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 152912 |       |       |
| 198     | 96.6  | 74.4   | 111.6 |       |
| 200     | 31.2  | 25.4   | 38.2  |       |

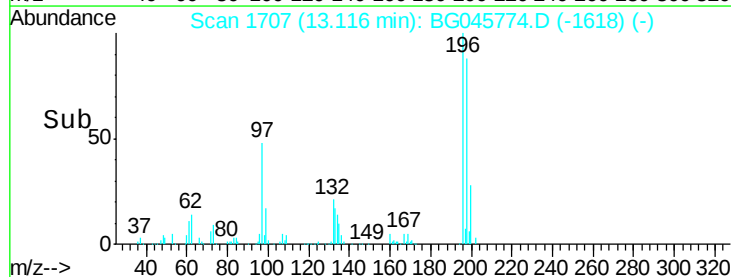
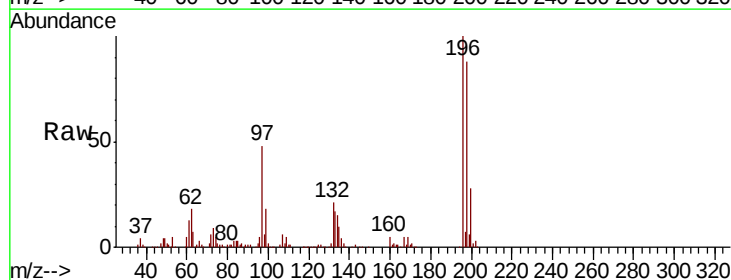
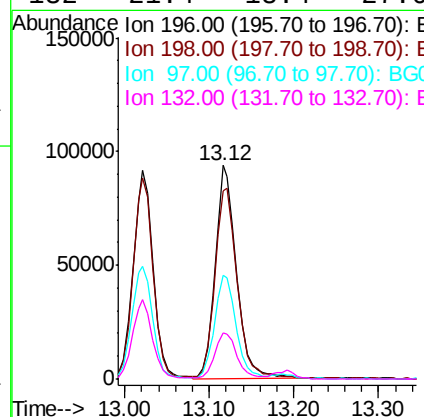
Manual Integrations  
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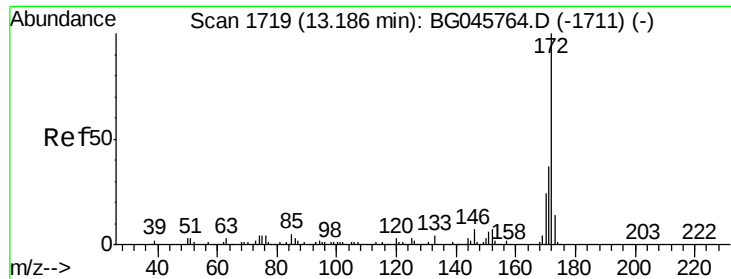
mohammad  
 6/18/2020 11:51:31 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.676 ng  
 RT: 13.12 min Scan# 1707  
 Delta R.T. -0.01 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 165871 |       |       |
| 198     | 88.3  | 74.0   | 111.0 |       |
| 97      | 48.5  | 39.0   | 58.6  |       |
| 132     | 21.4  | 18.4   | 27.6  |       |





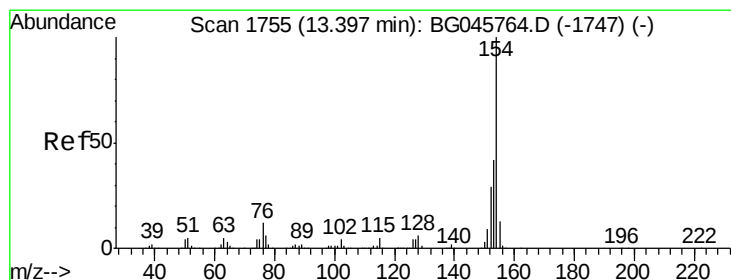
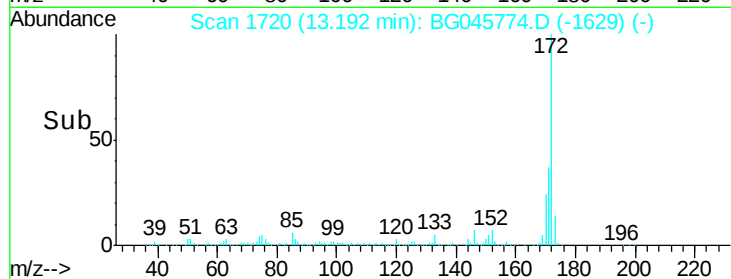
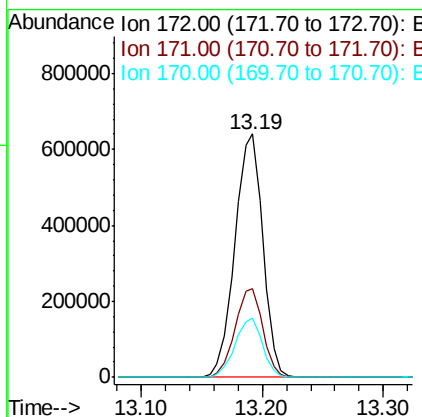
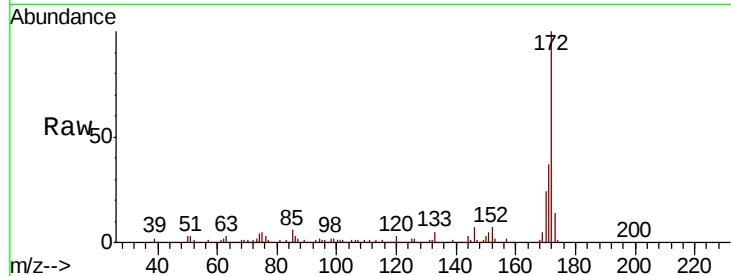
#45  
2-Fluorobiphenyl  
Concen: 94.740 ng  
RT: 13.19 min Scan# 1720  
Delta R.T. 0.01 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.5  | 29.9  | 44.9  |
| 170     | 24.4  | 19.3  | 28.9  |

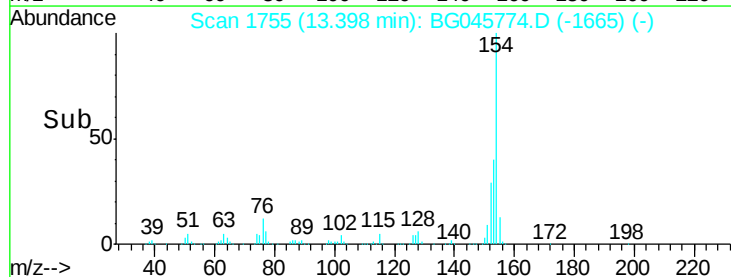
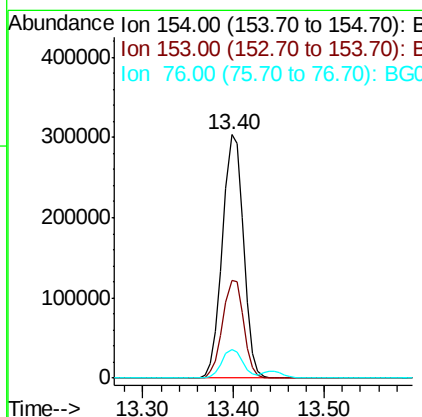
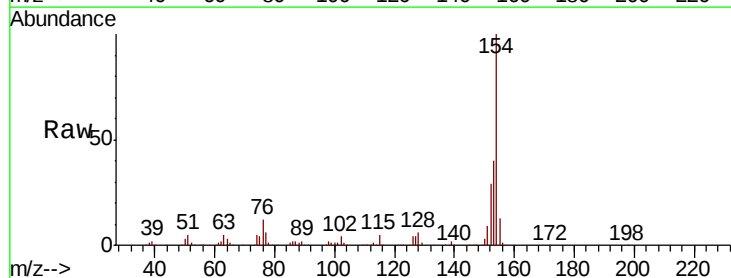
Manual Integrations  
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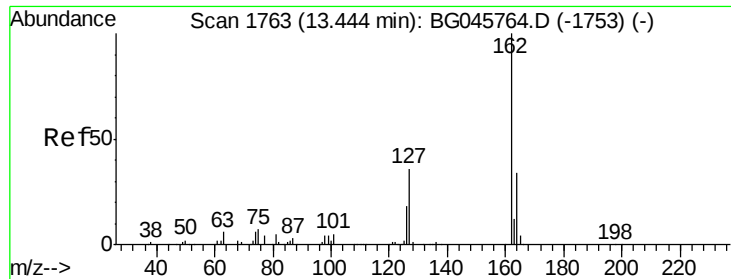
mohammad  
6/18/2020 11:51:31 AM



#46  
1,1'-Biphenyl  
Concen: 42.606 ng  
RT: 13.40 min Scan# 1755  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.4  | 21.7  | 61.7  |
| 76      | 11.8  | 0.0   | 32.0  |





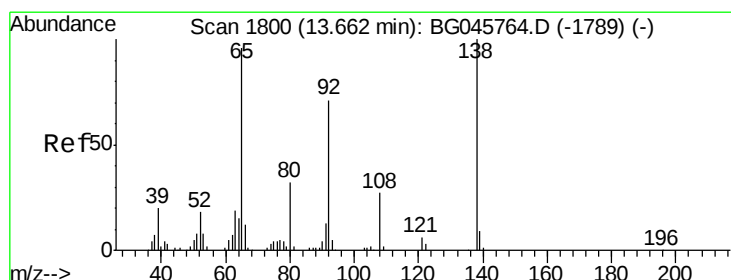
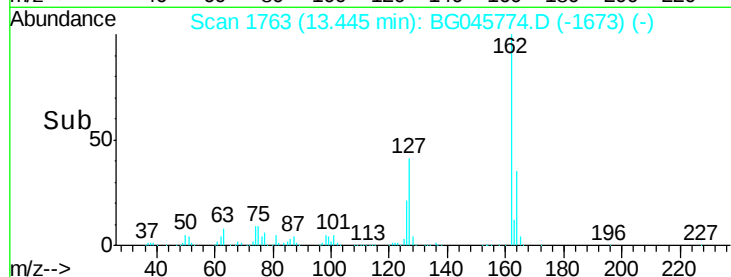
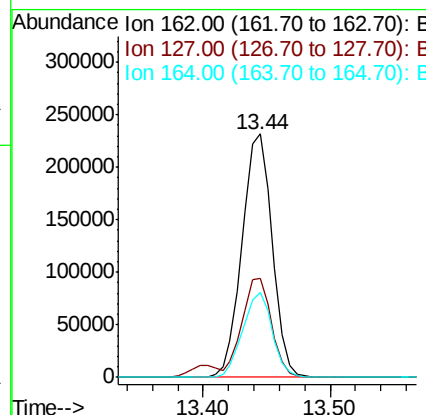
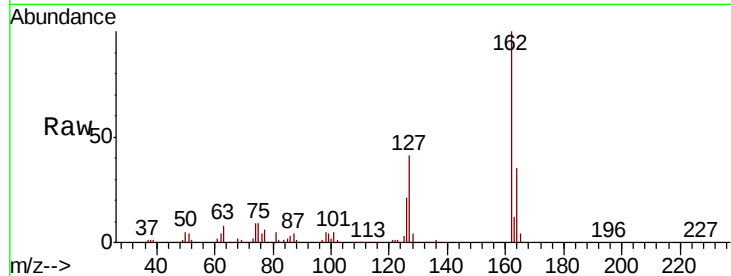
#47  
2-Chloronaphthalene  
Concen: 41.182 ng  
RT: 13.44 min Scan# 1763  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.6  | 30.5  | 45.7  |
| 164     | 34.6  | 27.2  | 40.8  |

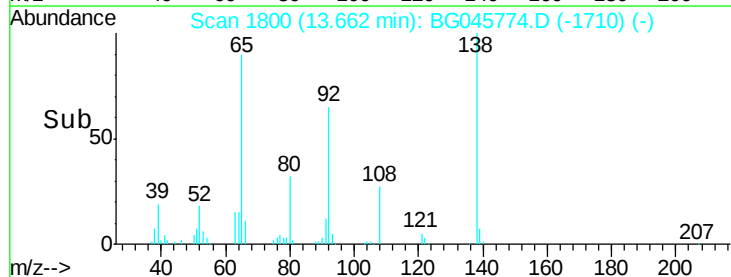
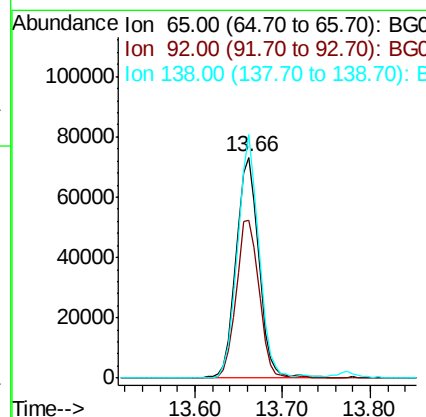
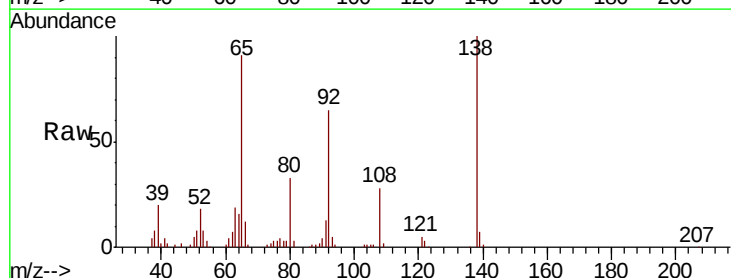
Manual Integrations  
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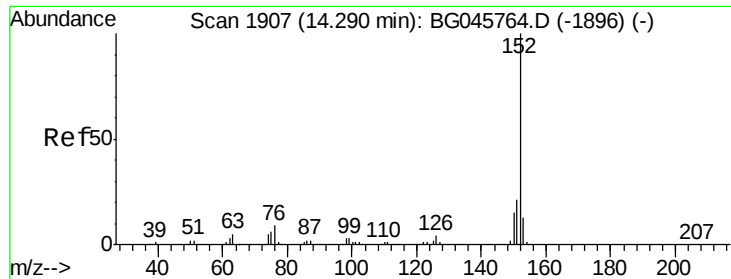
mohammad  
6/18/2020 11:51:31 AM



#48  
2-Nitroaniline  
Concen: 41.963 ng  
RT: 13.66 min Scan# 1800  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.4  | 59.0  | 88.6  |
| 138     | 110.1 | 83.6  | 125.4 |





#49

Acenaphthylene

Concen: 42.024 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

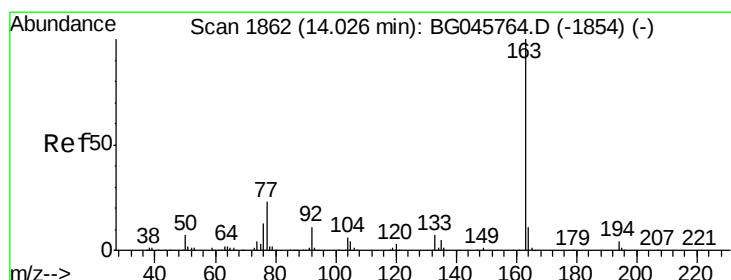
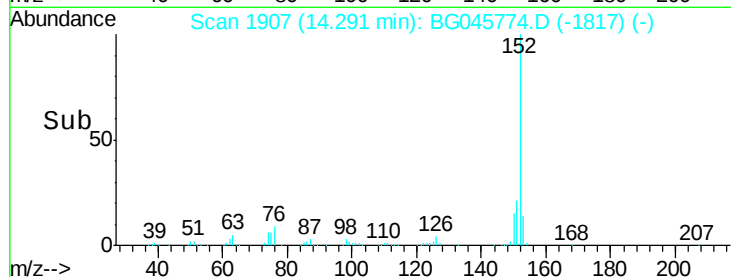
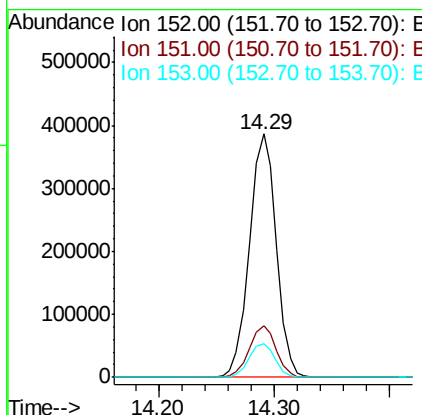
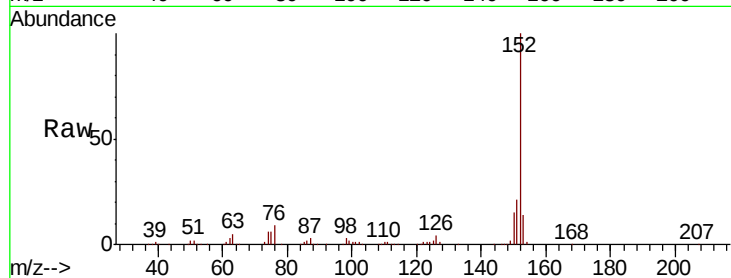
ClientSampleId :

PB129573BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 152     | 100  |       | 623899 |       |       |
| 151     | 21.4 | 17.0  | 25.4   |       |       |
| 153     | 13.8 | 10.6  | 15.8   |       |       |

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#50

Dimethylphthalate

Concen: 42.370 ng

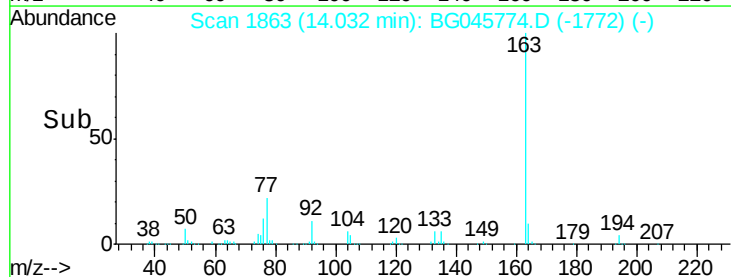
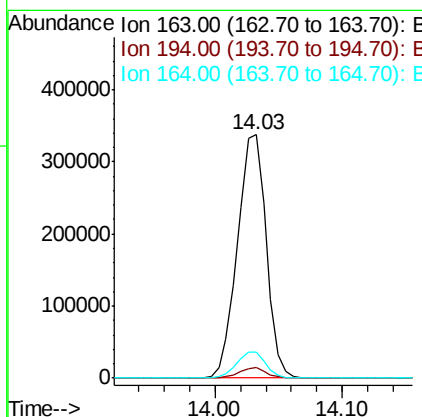
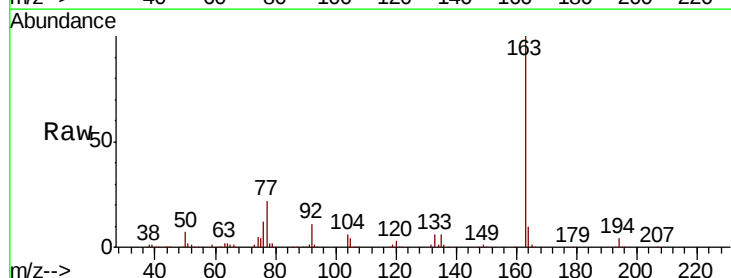
RT: 14.03 min Scan# 1863

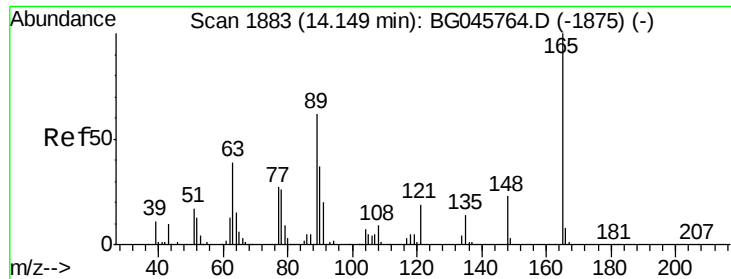
Delta R.T. 0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 163     | 100  |       | 531974 |       |       |
| 194     | 4.4  | 3.4   | 5.0    |       |       |
| 164     | 10.4 | 8.9   | 13.3   |       |       |





#51

2,6-Dinitrotoluene

Concen: 42.521 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

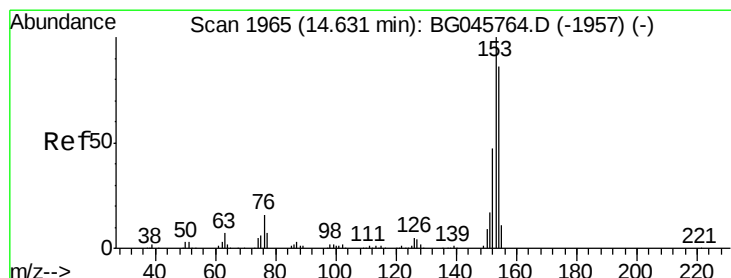
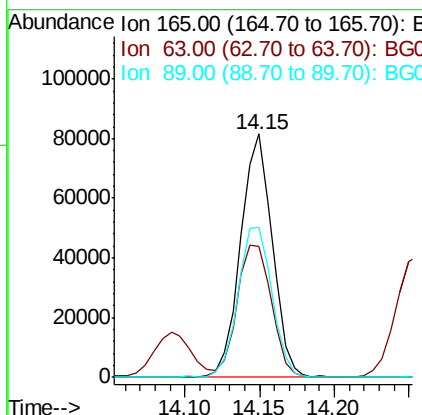
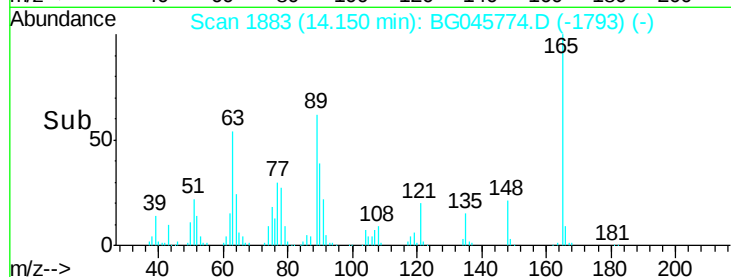
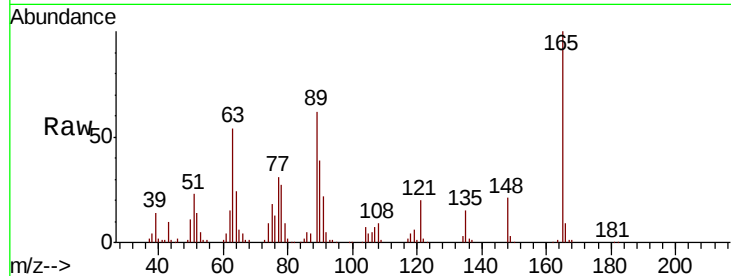
ClientSampled :

PB129573BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 119908 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 54.0  | 41.2  | 61.8   |
| 89        | 61.9  | 49.7  | 74.5   |

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#52

Acenaphthene

Concen: 42.161 ng

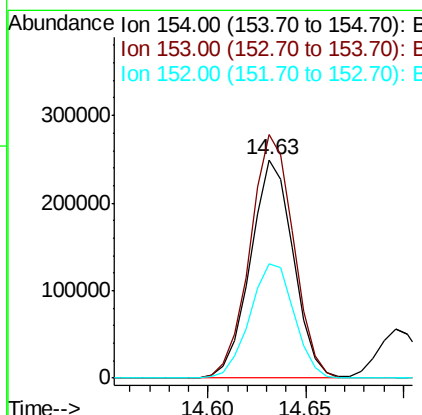
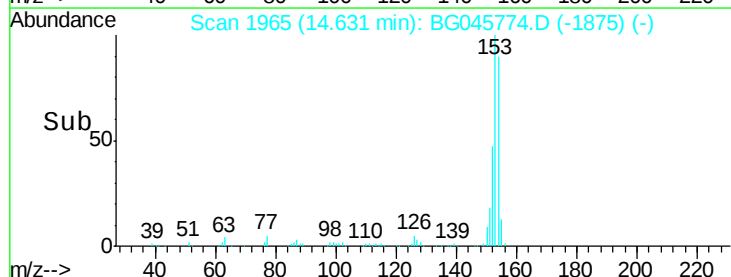
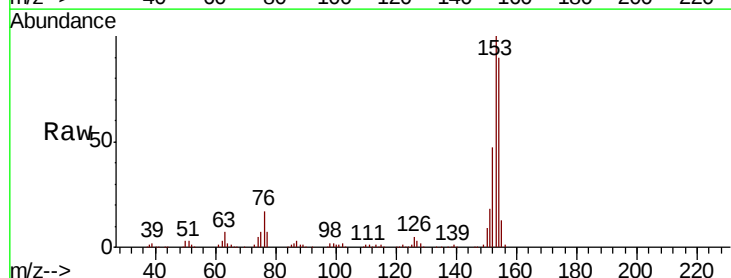
RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 379405 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.7 | 93.0  | 139.4  |
| 152       | 52.5  | 43.7  | 65.5   |





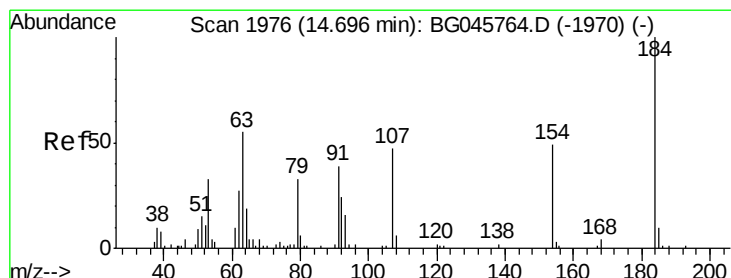
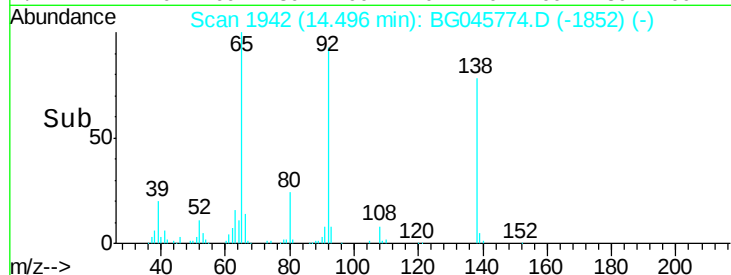
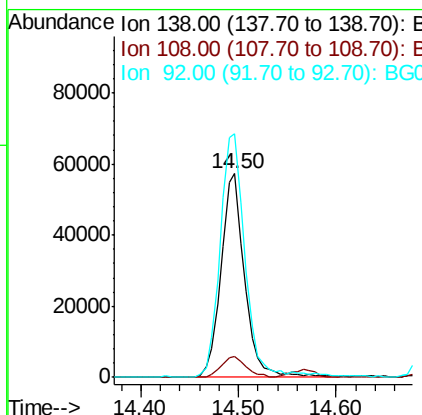
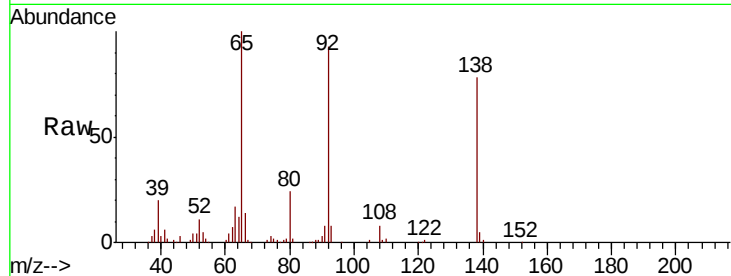
#53  
3-Nitroaniline  
Concen: 34.087 ng  
RT: 14.50 min Scan# 1942  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.5  | 8.4   | 12.6  |
| 92      | 119.5 | 95.6  | 143.4 |

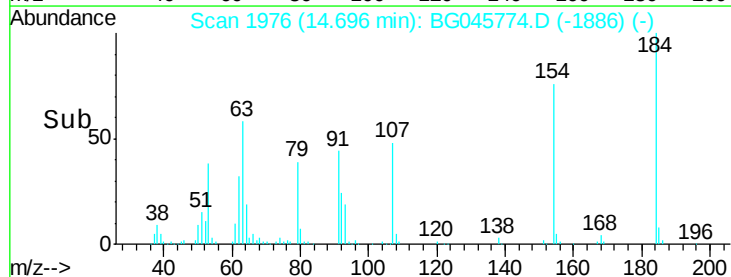
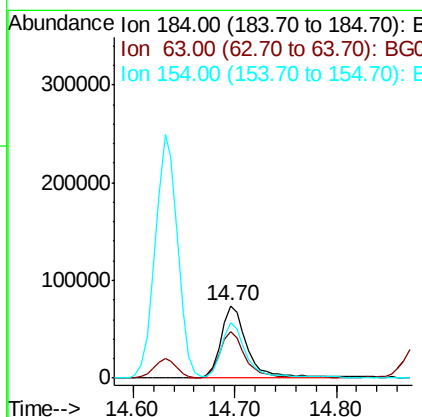
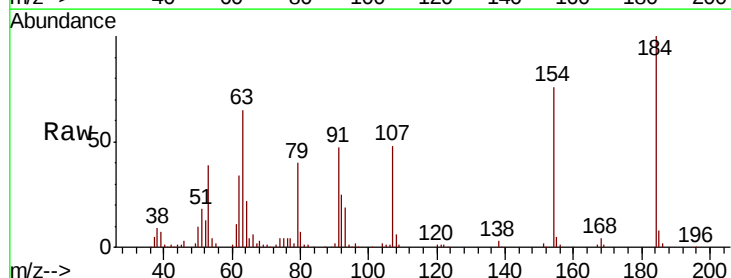
Manual Integrations  
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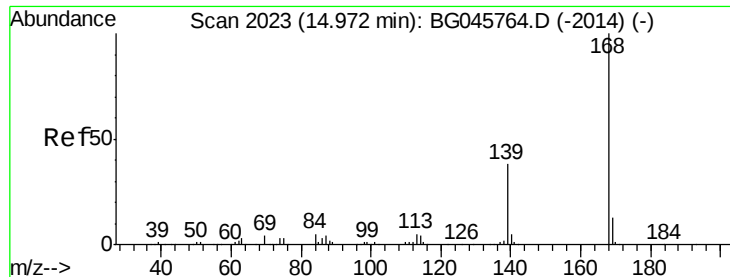
mohammad  
6/18/2020 11:51:31 AM



#54  
2,4-Dinitrophenol  
Concen: 84.346 ng  
RT: 14.70 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 64.8  | 46.6  | 70.0  |
| 154     | 76.1  | 58.6  | 87.8  |





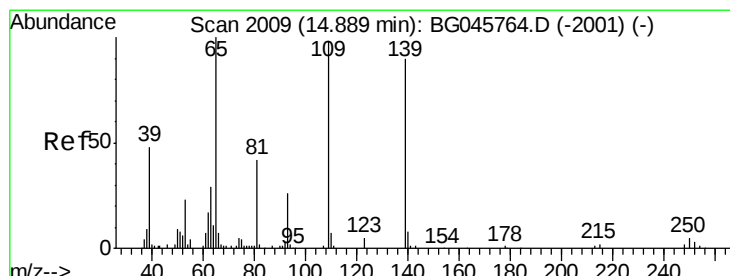
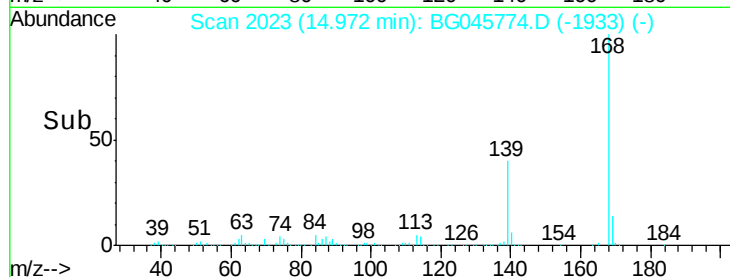
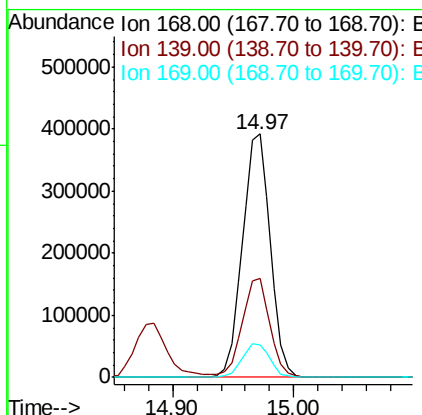
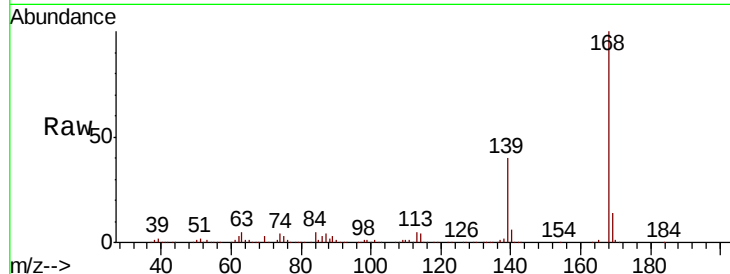
#55  
Dibenzenofuran  
Concen: 43.100 ng  
RT: 14.97 min Scan# 2023  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.4  | 31.8  | 47.6  |
| 169     | 13.5  | 10.4  | 15.6  |

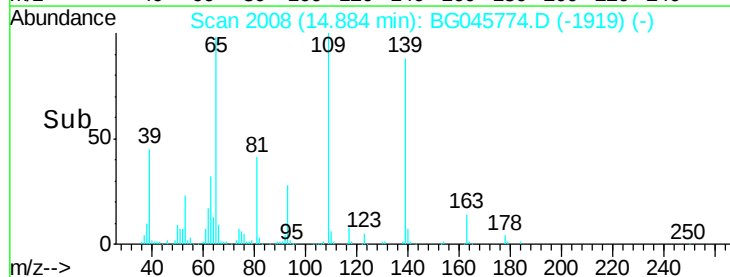
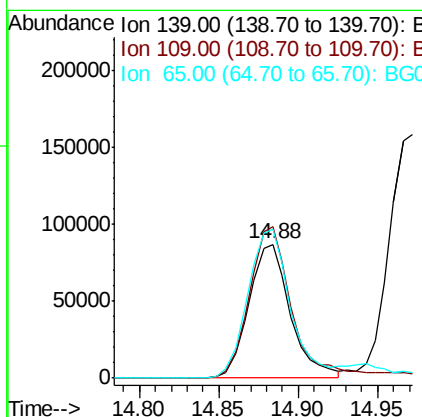
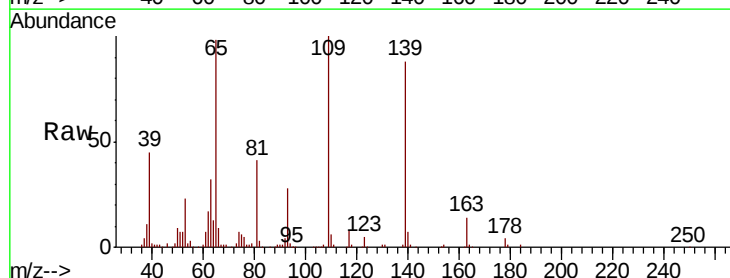
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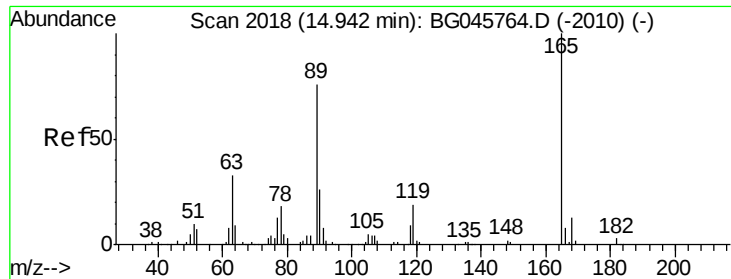
mohammad  
6/18/2020 11:51:31 AM



#56  
4-Nitrophenol  
Concen: 78.923 ng  
RT: 14.88 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 113.1 | 88.9  | 128.9 |
| 65      | 111.1 | 92.3  | 132.3 |





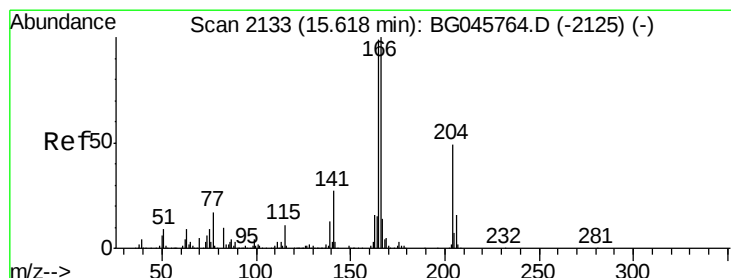
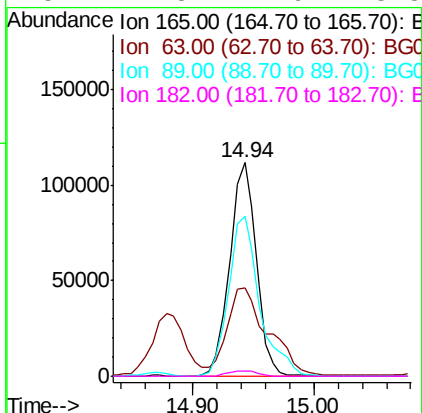
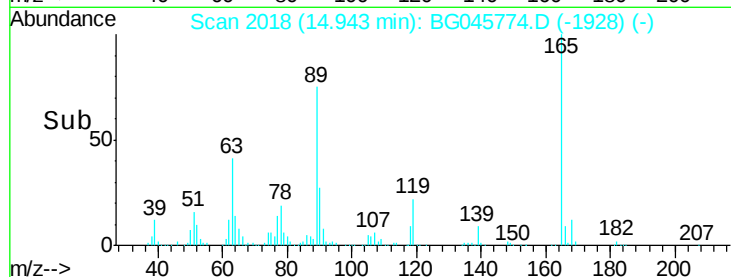
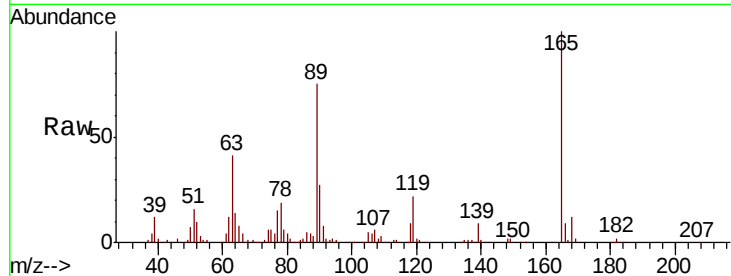
#57  
 2,4-Dinitrotoluene  
 Concen: 42.709 ng  
 RT: 14.94 min Scan# 2018  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129573BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 172559 |       |       |
| 63      | 41.4 |       | 33.8   | 50.8  |       |
| 89      | 74.7 |       | 60.4   | 90.6  |       |
| 182     | 2.3  |       | 2.6    | 3.8   |       |

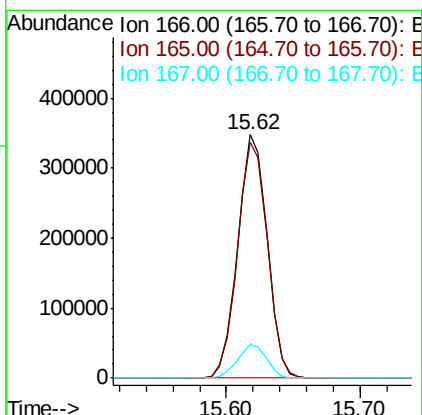
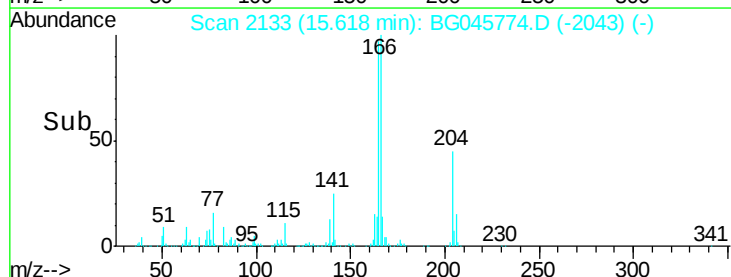
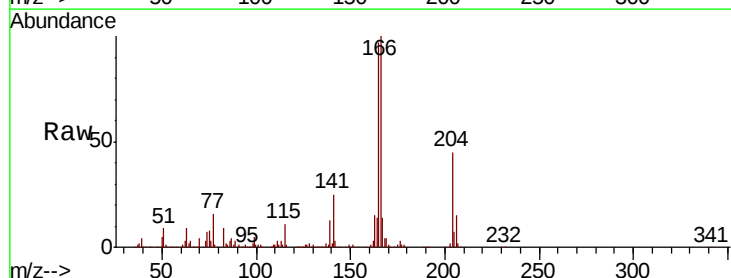
Manual Integrations  
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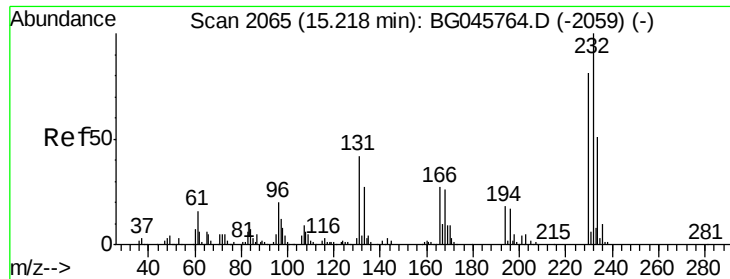
mohammad  
 6/18/2020 11:51:31 AM



#58  
 Fluorene  
 Concen: 43.439 ng  
 RT: 15.62 min Scan# 2133  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 528043 |       |       |
| 165     | 97.1 |       | 79.1   | 118.7 |       |
| 167     | 13.8 |       | 11.5   | 17.3  |       |





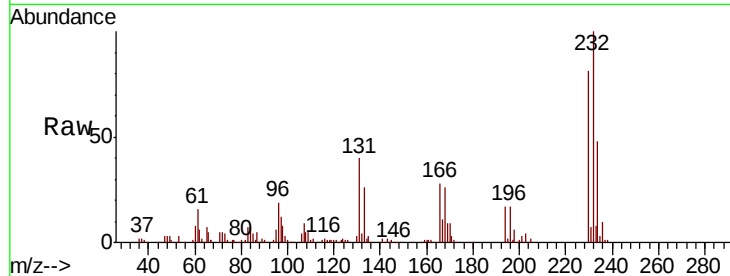
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.509 ng  
 RT: 15.22 min Scan# 2065  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129573BS

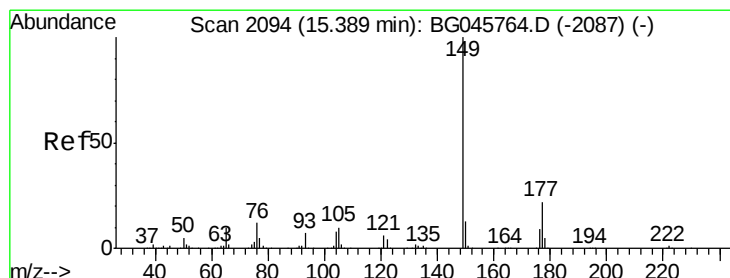
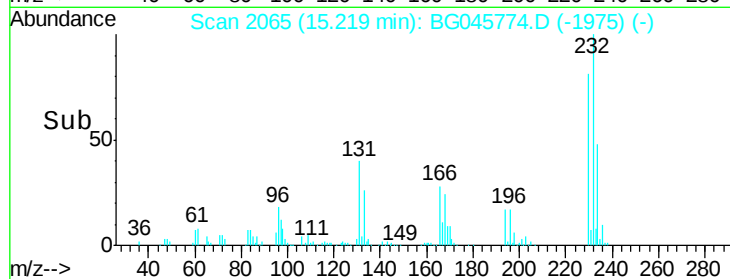
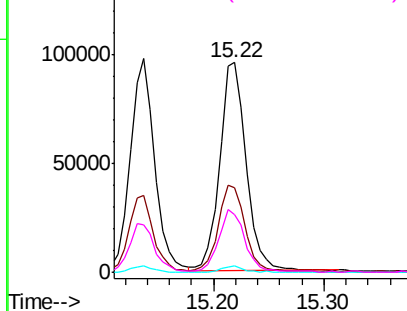
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.2  | 32.2  | 48.2  |
| 130     | 2.7   | 2.2   | 3.4   |
| 166     | 30.0  | 21.3  | 31.9  |

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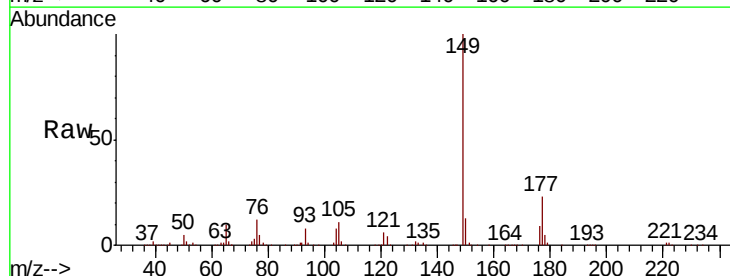


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

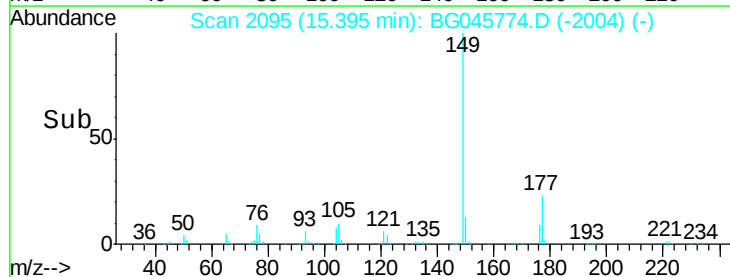
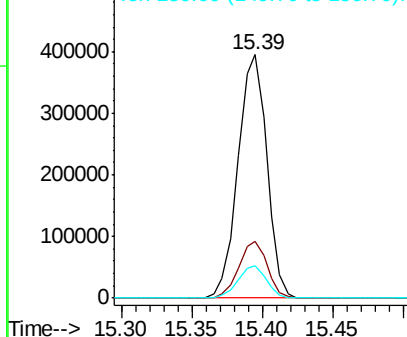


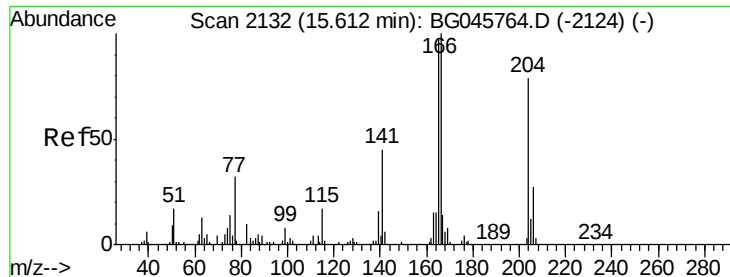
#60  
 Diethylphthalate  
 Concen: 43.949 ng  
 RT: 15.39 min Scan# 2095  
 Delta R.T. 0.01 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.4  | 17.2  | 25.8  |
| 150     | 13.3  | 10.7  | 16.1  |



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





#61

4-Chlorophenyl-phenylether

Concen: 42.953 ng

RT: 15.61 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

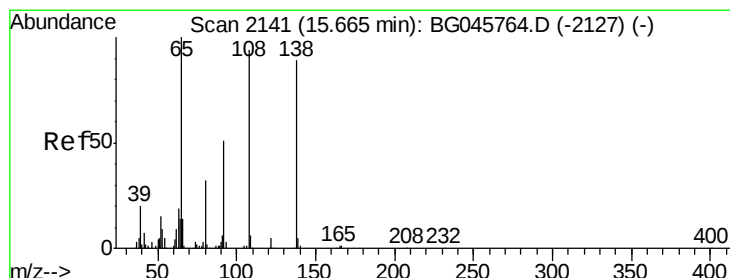
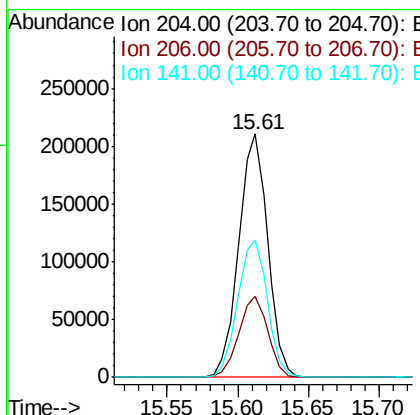
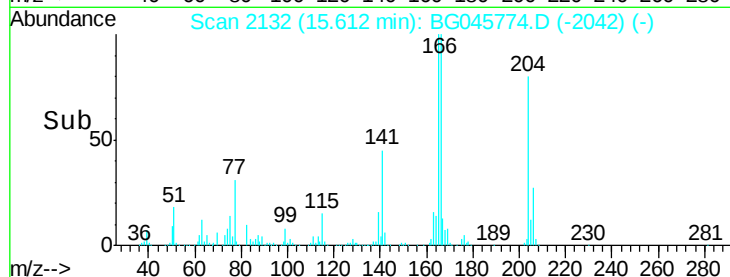
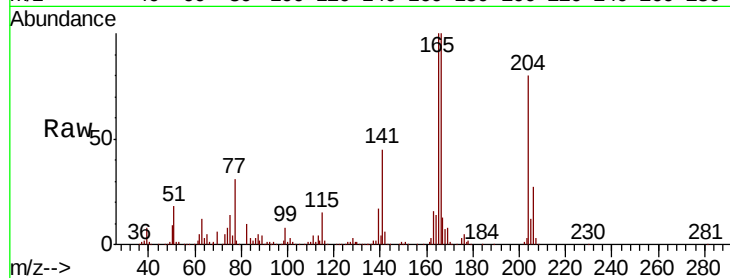
ClientSampleId :

PB129573BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 300942 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.2  | 27.2  | 40.8   |
| 141       | 56.6  | 45.9  | 68.9   |

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#62

4-Nitroaniline

Concen: 36.791 ng

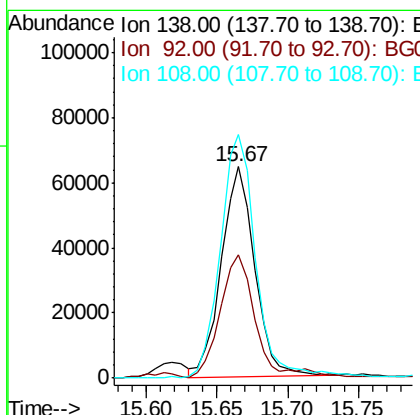
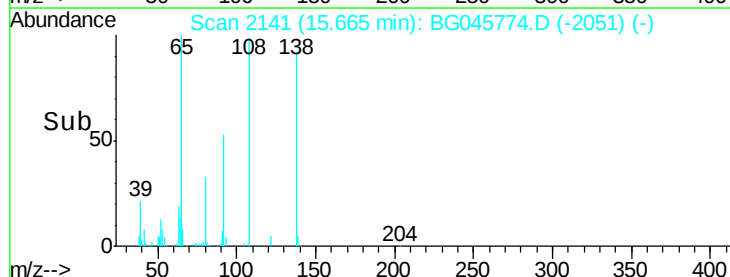
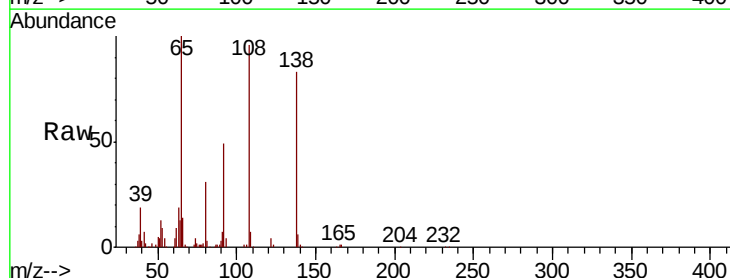
RT: 15.67 min Scan# 2141

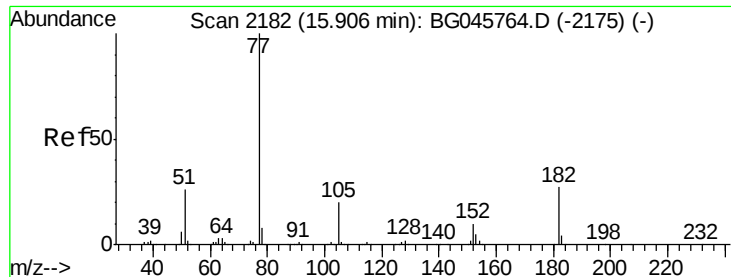
Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 106354 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 58.6  | 37.3  | 77.3   |
| 108       | 115.3 | 85.0  | 125.0  |





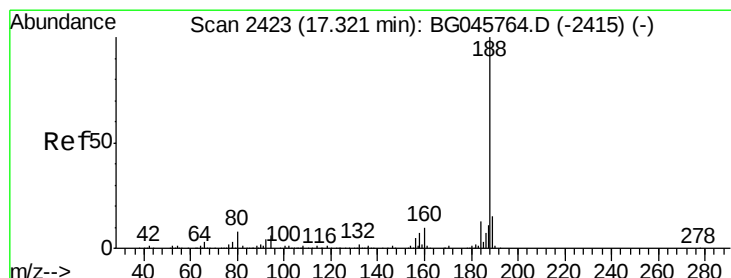
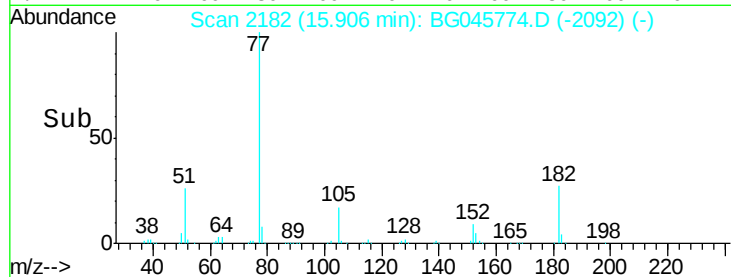
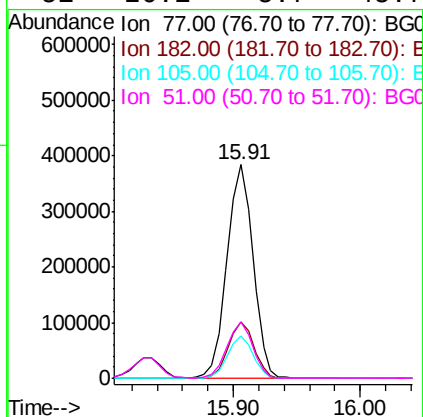
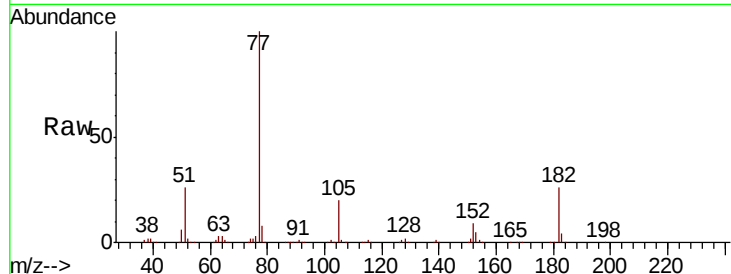
#63  
Azobenzene  
Concen: 44.109 ng  
RT: 15.91 min Scan# 2182  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.1  | 7.4   | 47.4  |
| 105     | 19.5  | 0.1   | 40.1  |
| 51      | 26.1  | 5.7   | 45.7  |

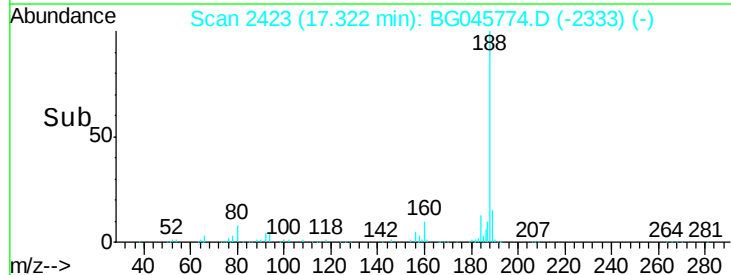
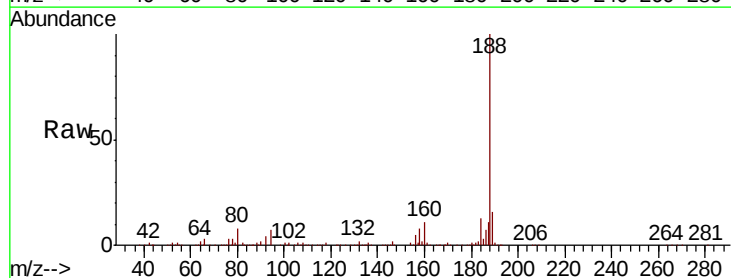
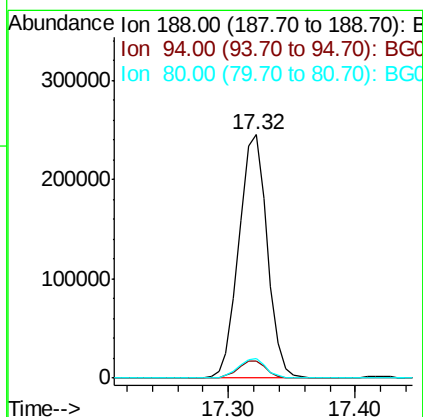
Manual Integrations  
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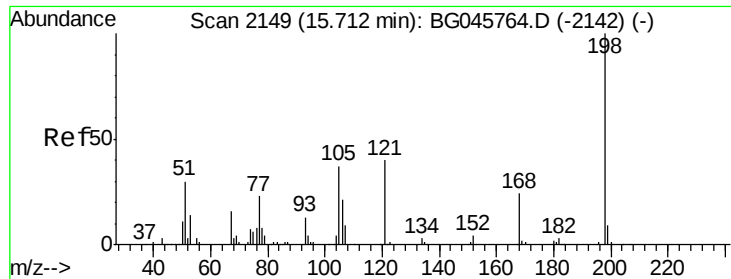
mohammad  
6/18/2020 11:51:31 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.32 min Scan# 2423  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.0   | 5.1   | 7.7   |
| 80      | 8.0   | 6.2   | 9.4   |





#65

4,6-Dinitro-2-methylphenol

Concen: 47.067 ng

RT: 15.71 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

ClientSampleId :

PB129573BS

Tot Ion:198 Resp: 110702

Ion Ratio Lower Upper

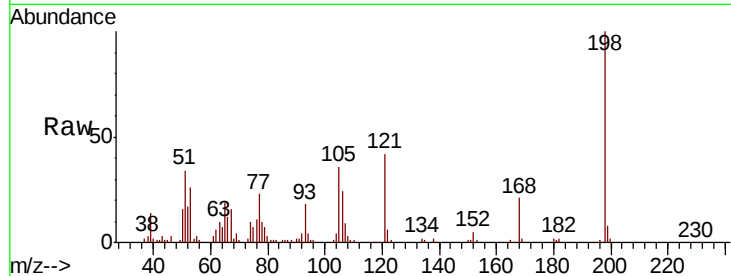
198 100

51 34.1 14.6 54.6

105 35.9 18.4 58.4

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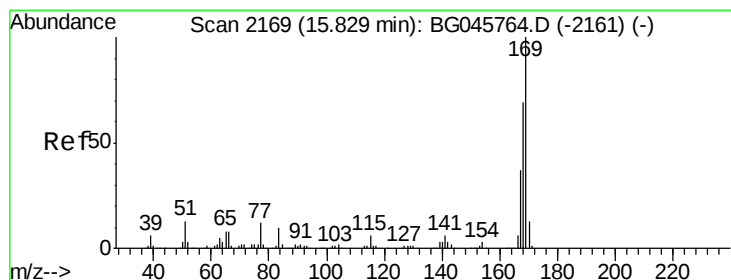
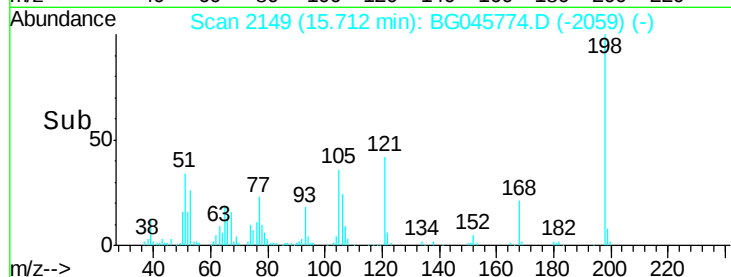
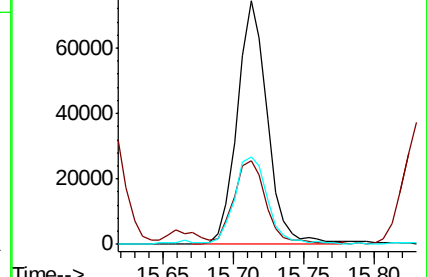
mohammad  
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.358 ng

RT: 15.84 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

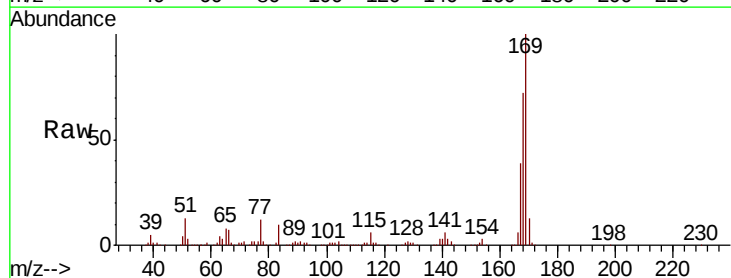
Tgt Ion:169 Resp: 467385

Ion Ratio Lower Upper

169 100

168 71.5 55.2 82.8

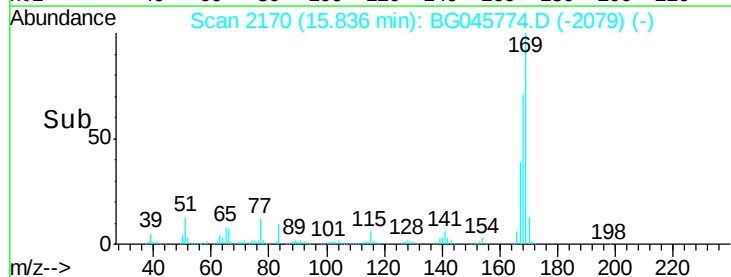
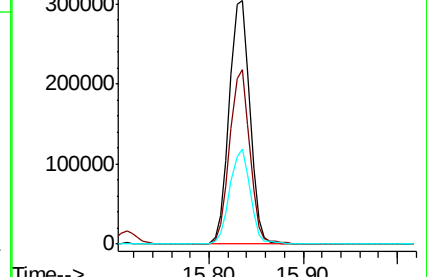
167 39.1 29.8 44.6

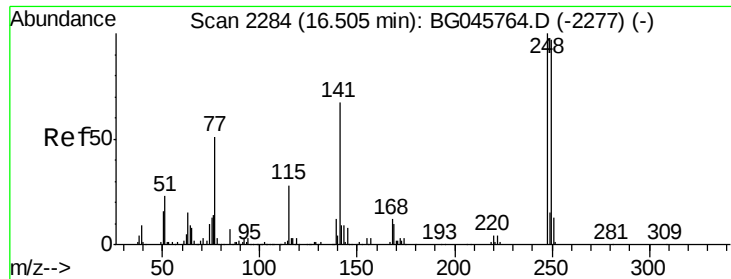


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





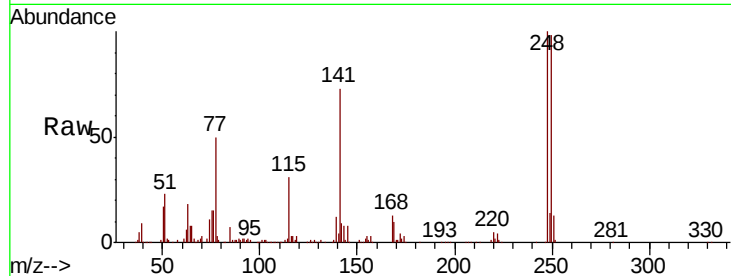
#67  
4-Bromophenyl-phenylether  
Concen: 41.156 ng  
RT: 16.51 min Scan# 2284  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.1  | 78.0  | 117.0 |
| 141     | 73.2  | 53.9  | 80.9  |

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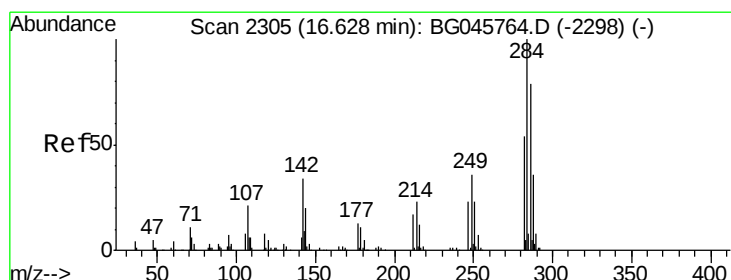
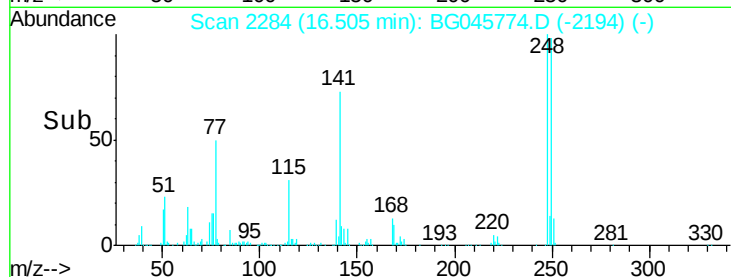
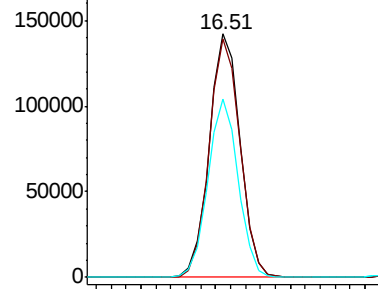


Abundance

Ion 248.00 (247.70 to 248.70): E

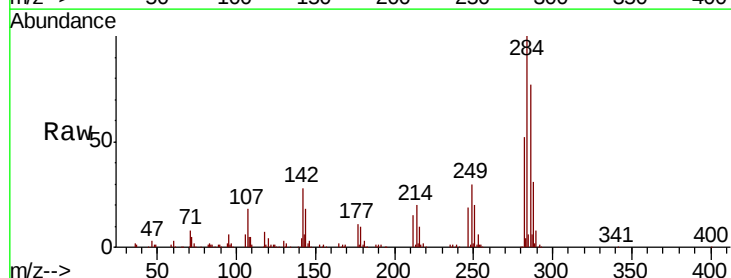
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 44.802 ng  
RT: 16.63 min Scan# 2306  
Delta R.T. 0.01 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.0  | 26.9  | 40.3  |
| 249     | 30.4  | 28.6  | 42.8  |

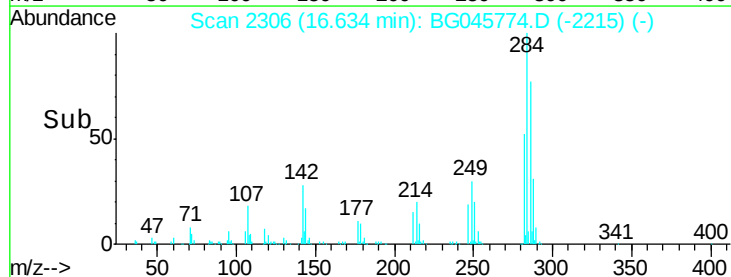
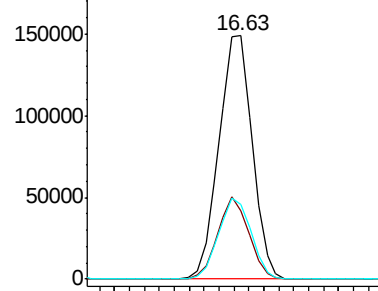


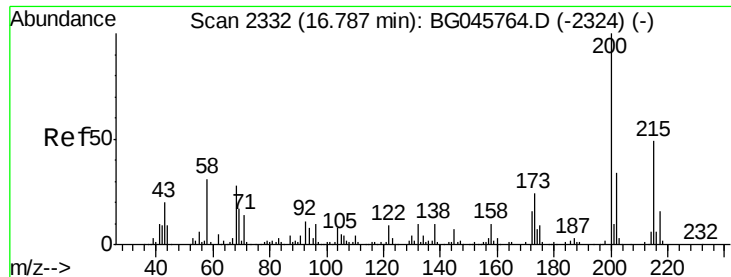
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





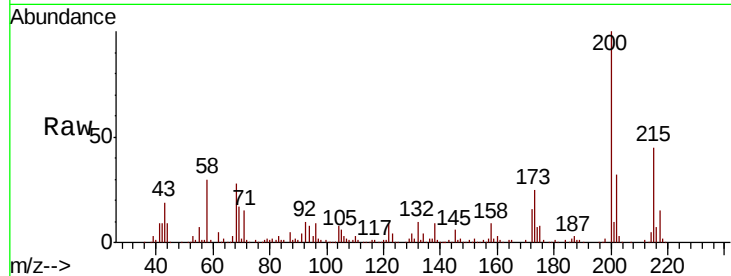
#69  
 Atrazine  
 Concen: 43.261 ng  
 RT: 16.79 min Scan# 2332  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129573BS

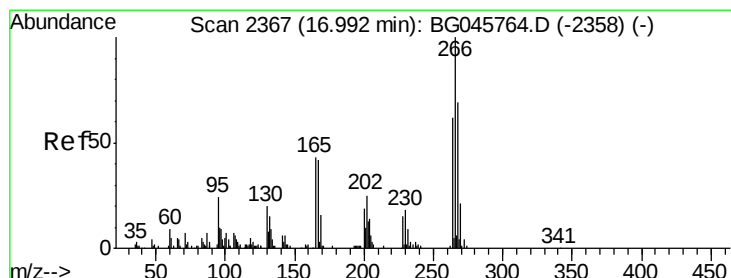
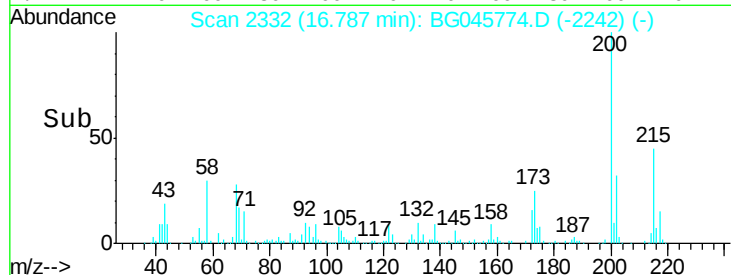
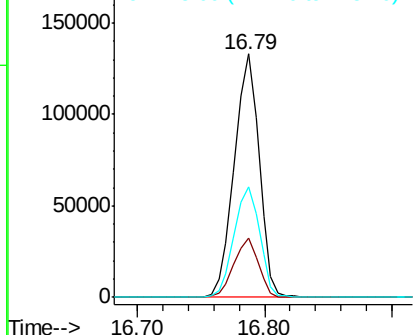
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 24.5  | 3.9        | 43.9  |
| 215     | 45.5  | 28.8       | 68.8  |

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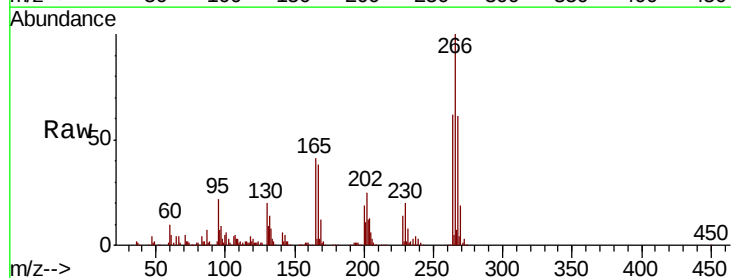


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

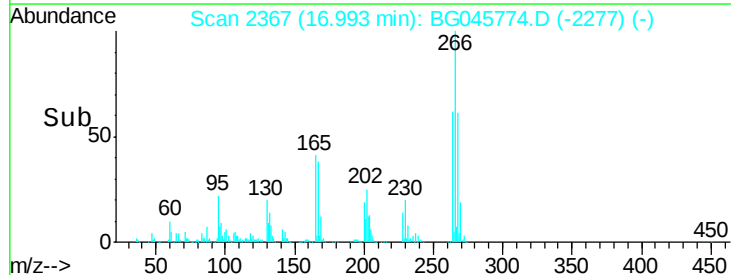
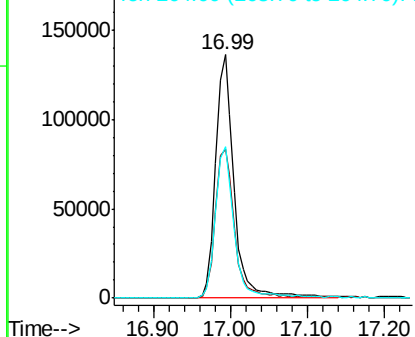


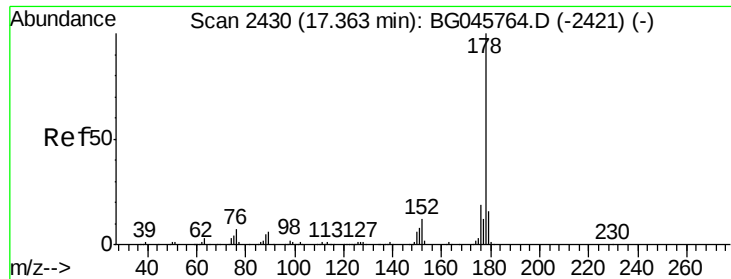
#70  
 Pentachlorophenol  
 Concen: 88.060 ng  
 RT: 16.99 min Scan# 2367  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 61.4  | 55.4       | 83.0  |
| 264     | 62.1  | 49.8       | 74.6  |



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





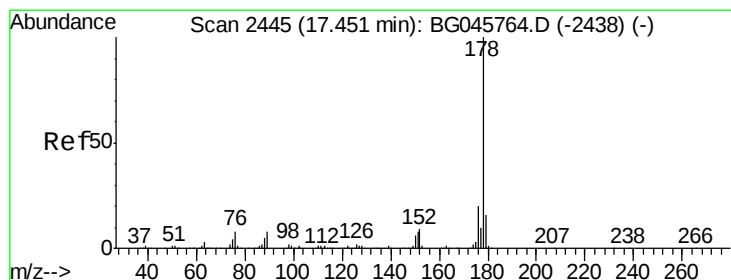
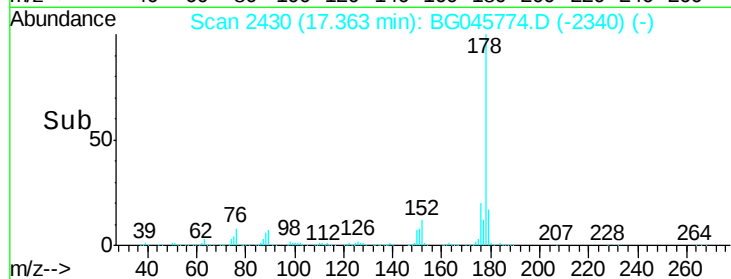
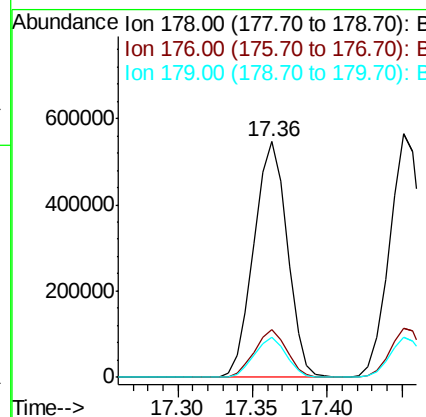
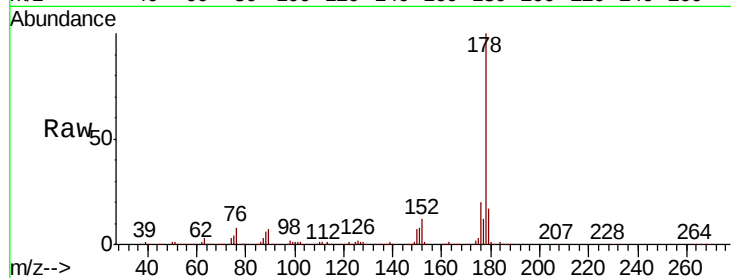
#71  
Phenanthrene  
Concen: 43.127 ng  
RT: 17.36 min Scan# 2430  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.3  | 15.5  | 23.3  |
| 179     | 16.8  | 13.2  | 19.8  |

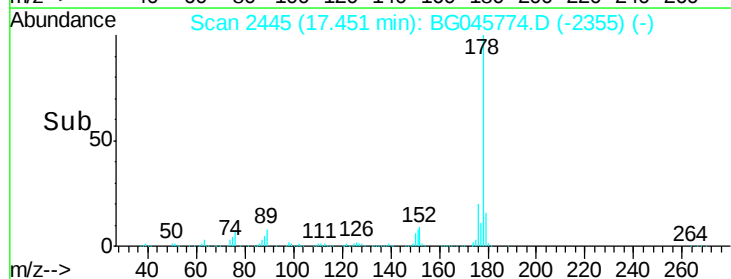
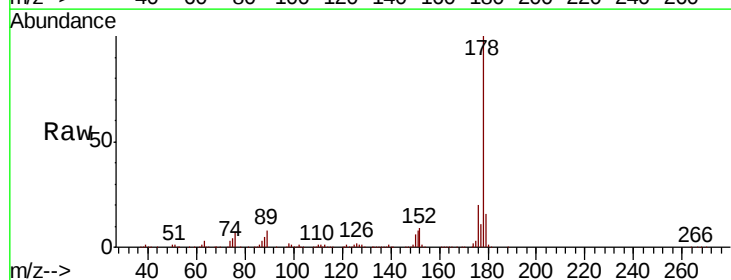
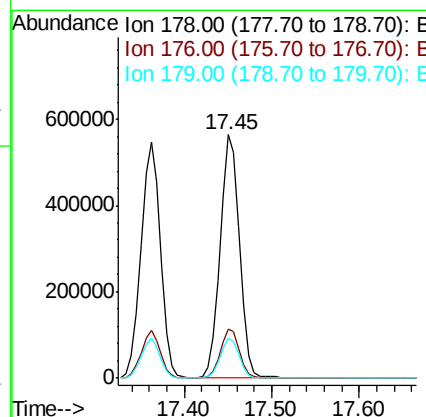
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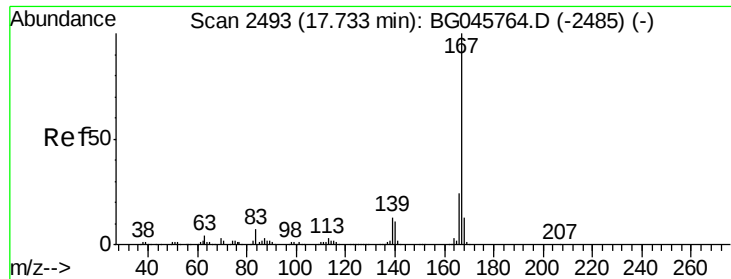
mohammad  
6/18/2020 11:51:31 AM



#72  
Anthracene  
Concen: 44.326 ng  
RT: 17.45 min Scan# 2445  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 15.6  | 23.4  |
| 179     | 16.5  | 13.1  | 19.7  |





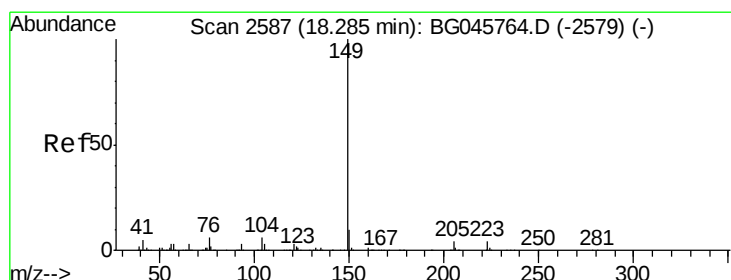
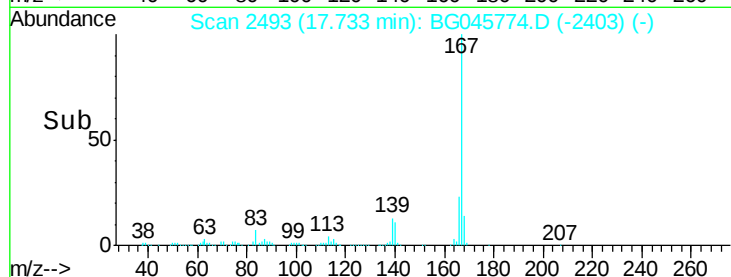
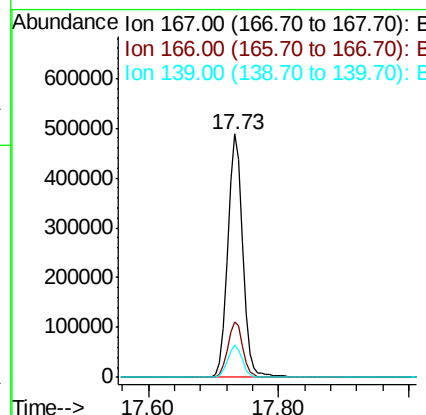
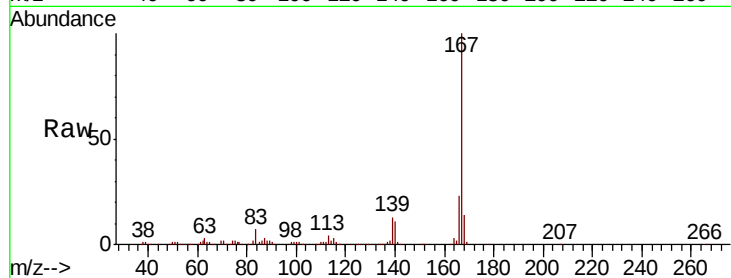
#73  
 Carbazole  
 Concen: 41.942 ng  
 RT: 17.73 min Scan# 2493  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.0  | 18.9  | 28.3  |
| 139     | 13.3  | 10.6  | 15.8  |

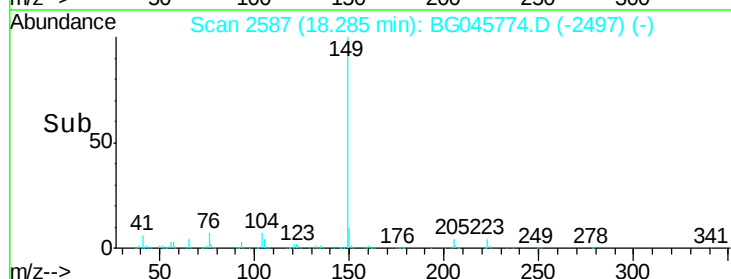
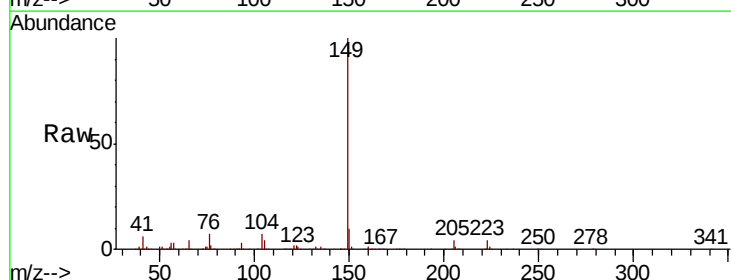
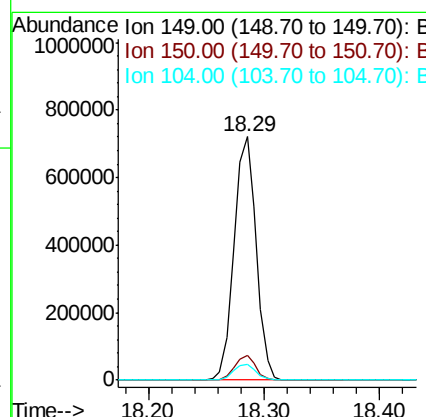
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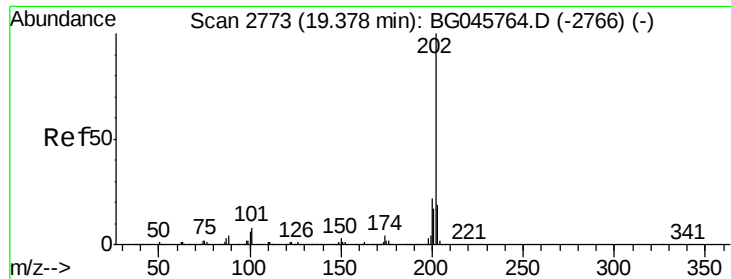
mohammad  
 6/18/2020 11:51:31 AM



#74  
 Di-n-butylphthalate  
 Concen: 43.171 ng  
 RT: 18.29 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.3  | 7.7   | 11.5  |
| 104     | 6.6   | 5.1   | 7.7   |





#75

Fluoranthene

Concen: 43.444 ng

RT: 19.38 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

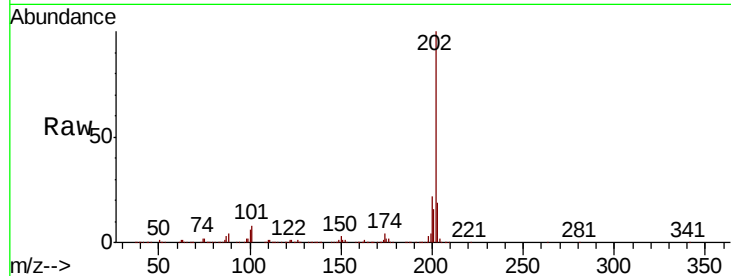
ClientSampleId :

PB129573BS

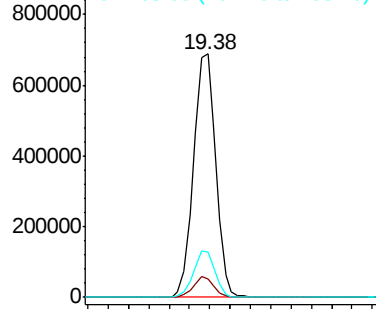
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1048582 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 7.7   | 0.0   | 27.7    |
| 203       | 18.7  | 0.0   | 38.7    |

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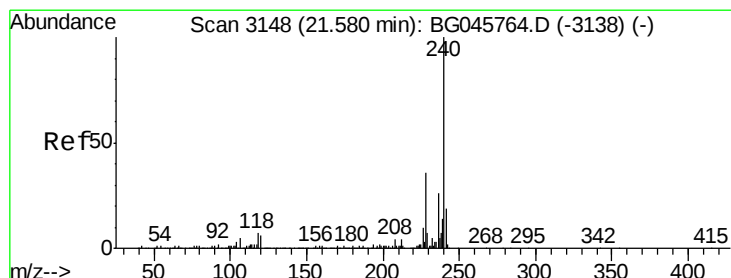
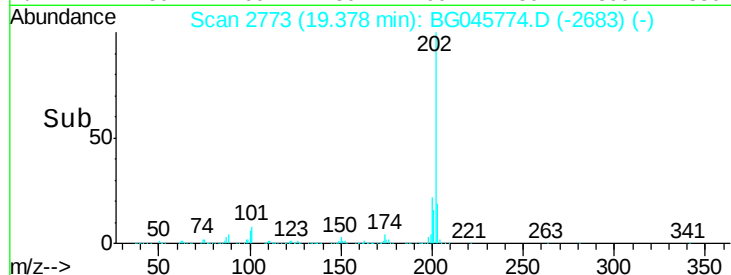
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

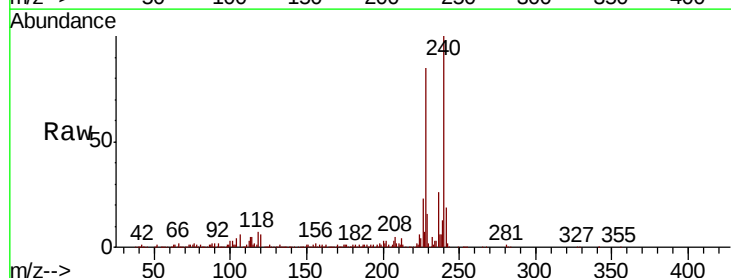
RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

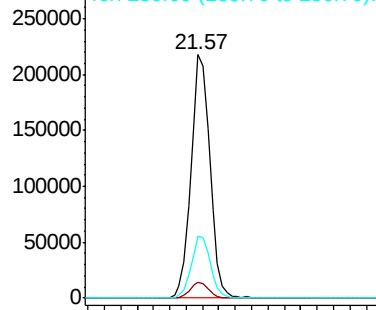
Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

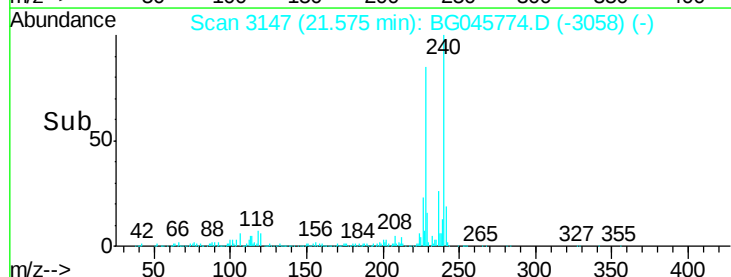
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 353288 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 6.5   | 5.0   | 7.4    |
| 236       | 25.5  | 20.6  | 30.8   |

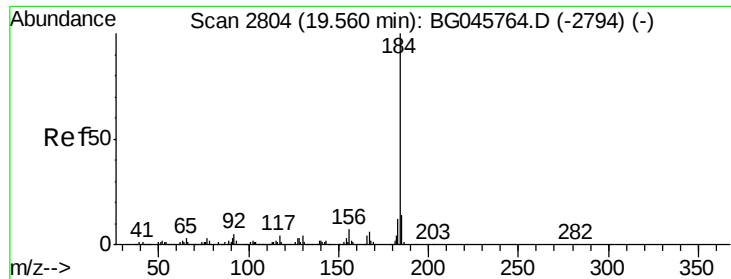


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 64.498 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

ClientSampleId :

PB129573BS

Tot Ion:184 Resp: 592379

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

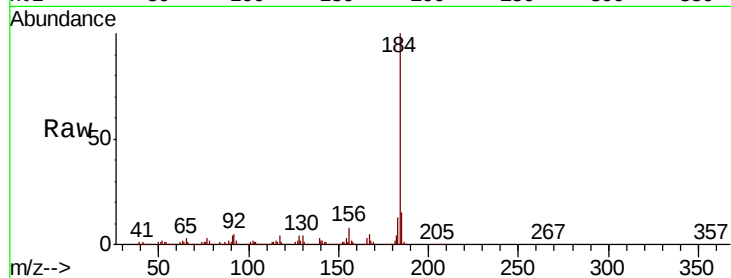
183 13.1 9.7 14.5

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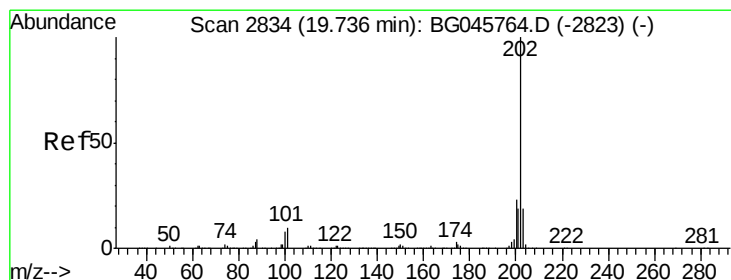
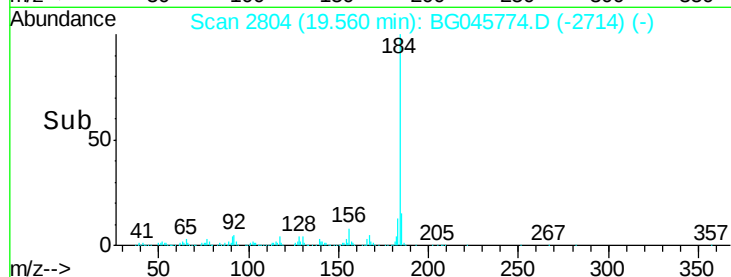
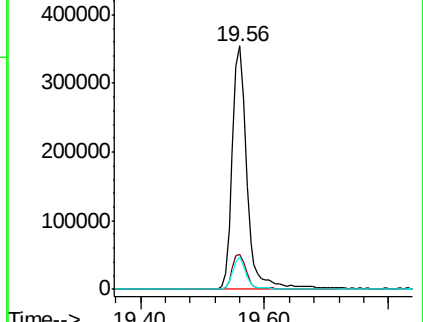
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.771 ng

RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

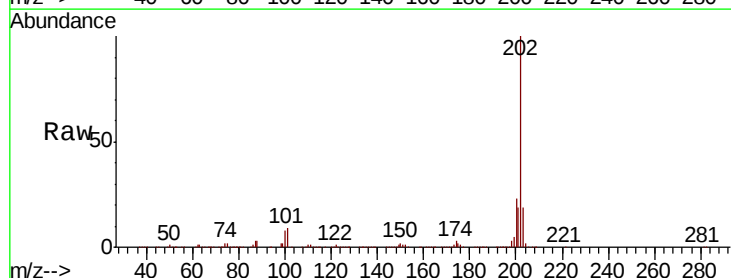
Tgt Ion:202 Resp: 1011856

Ion Ratio Lower Upper

202 100

200 23.3 18.2 27.2

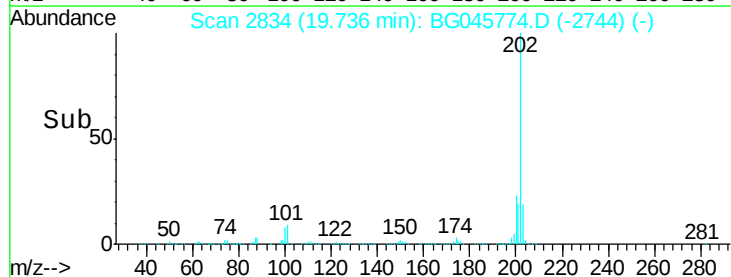
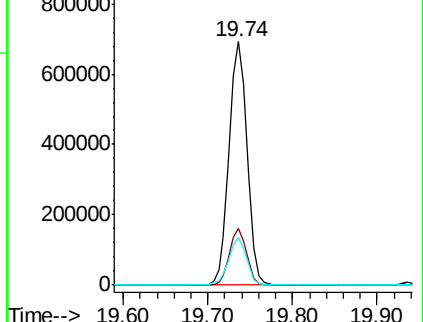
203 19.4 14.8 22.2

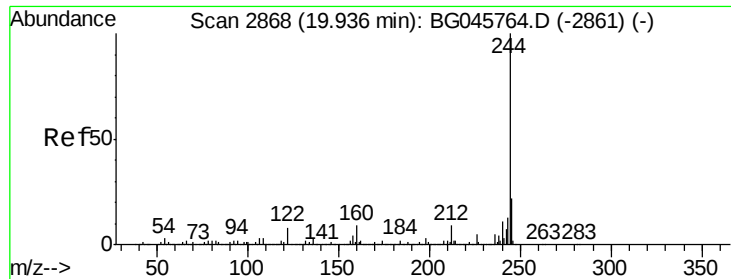


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





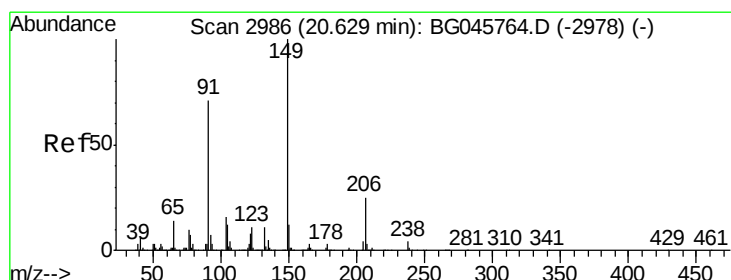
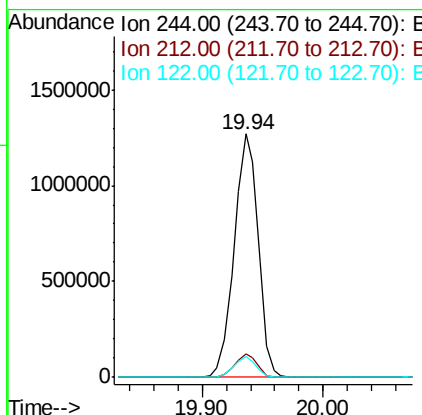
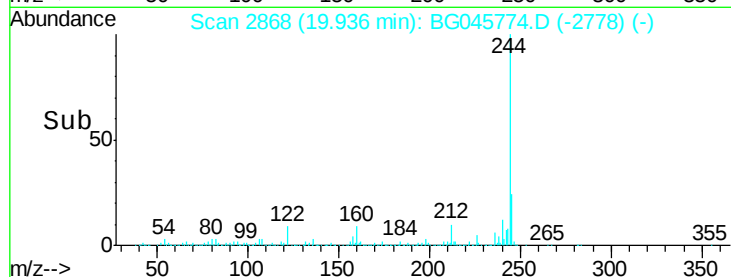
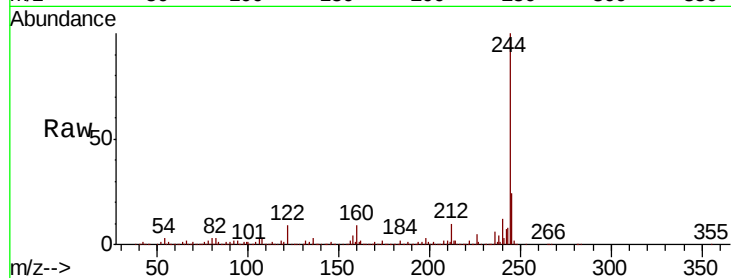
#79  
Terphenyl-d14  
Concen: 100.512 ng  
RT: 19.94 min Scan# 2868  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

Tot Ion:244 Resp: 1752192  
Ion Ratio Lower Upper  
244 100  
212 9.8 7.2 10.8  
122 8.7 6.4 9.6

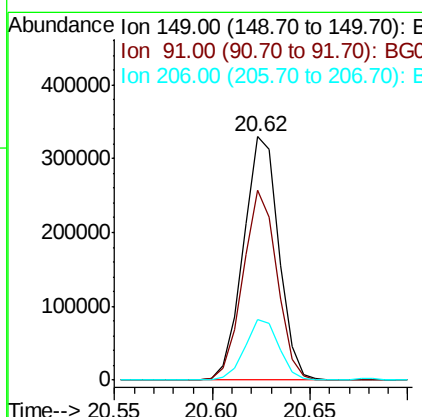
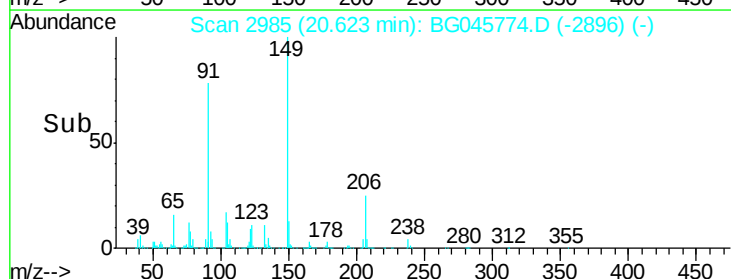
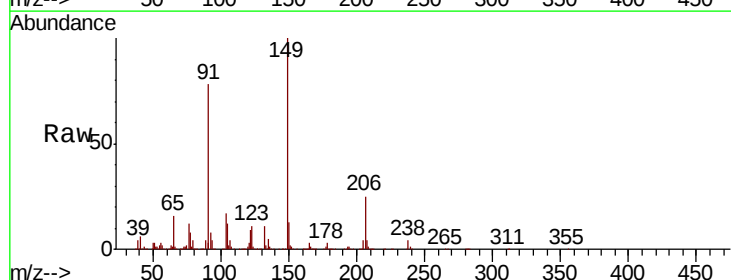
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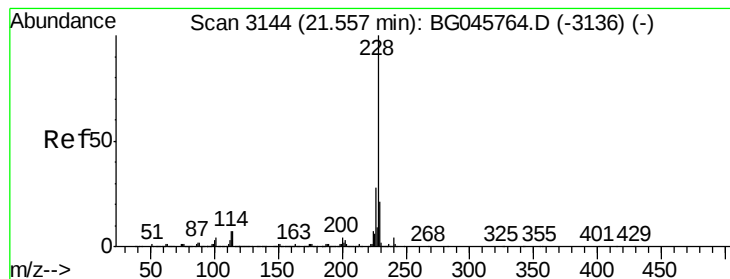
mohammad  
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#80  
Butylbenzylphthalate  
Concen: 41.703 ng  
RT: 20.62 min Scan# 2985  
Delta R.T. -0.01 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Tgt Ion:149 Resp: 412962  
Ion Ratio Lower Upper  
149 100  
91 77.9 56.4 84.6  
206 24.7 19.8 29.6





#81

Benzo(a)anthracene

Concen: 43.430 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

Instrument :

BNA\_G

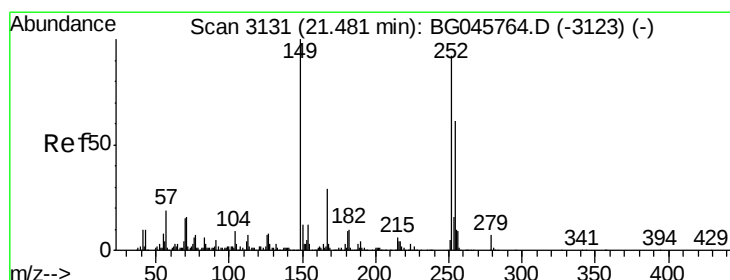
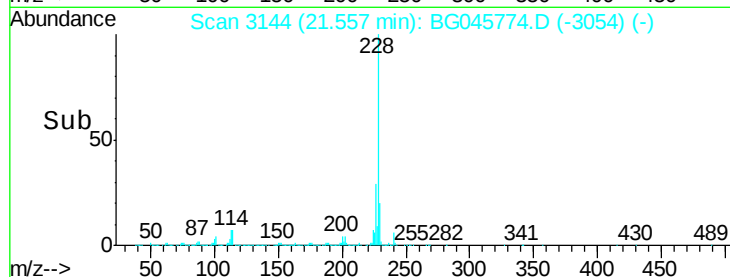
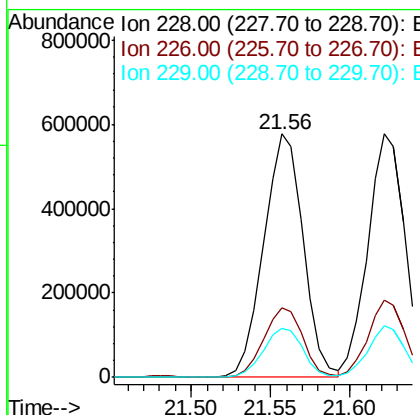
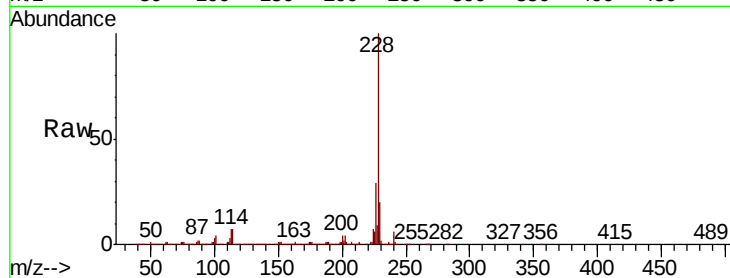
ClientSampleId :

PB129573BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 994758 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.6  | 22.7  | 34.1   |
| 229       | 20.2  | 16.6  | 24.8   |

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#82

3,3'-Dichlorobenzidine

Concen: 34.940 ng

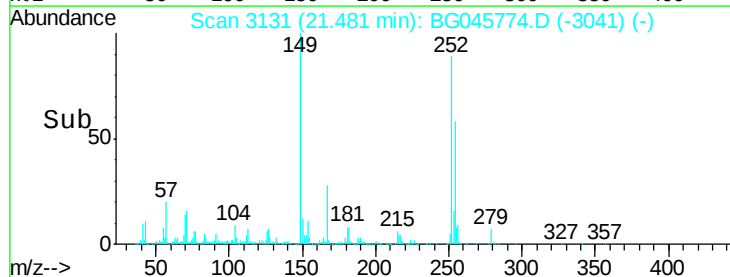
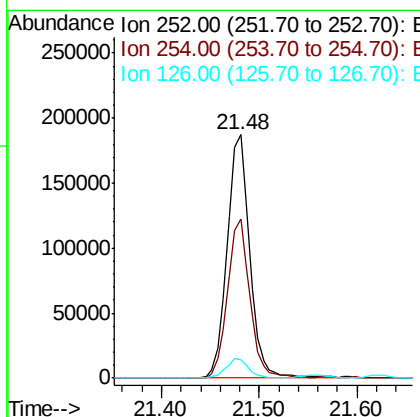
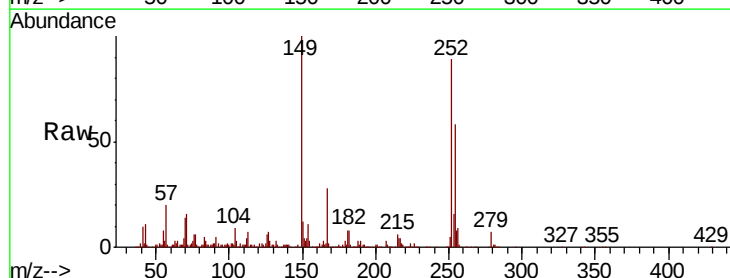
RT: 21.48 min Scan# 3131

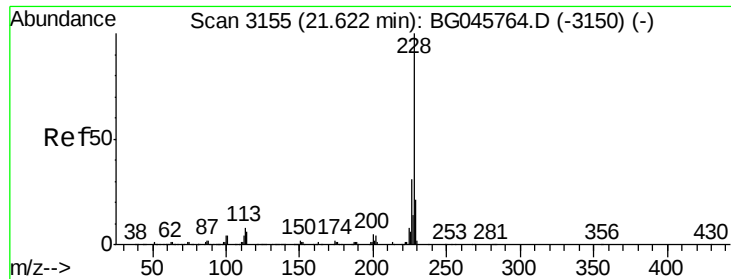
Delta R.T. 0.00 min

Lab File: BG045774.D

Acq: 16 Jun 2020 16:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 302717 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 65.2  | 53.4  | 80.0   |
| 126       | 7.3   | 5.8   | 8.8    |





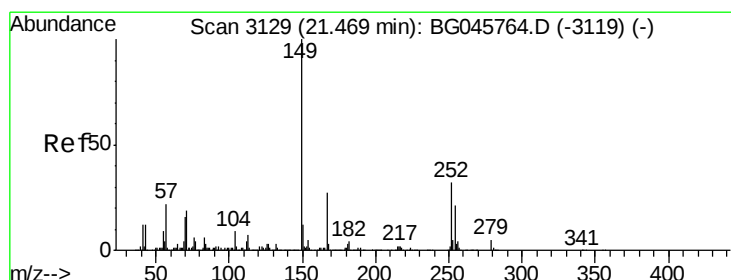
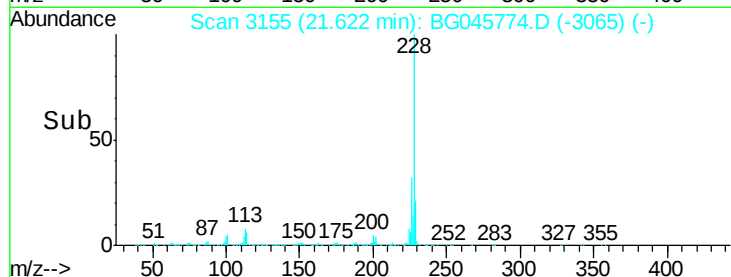
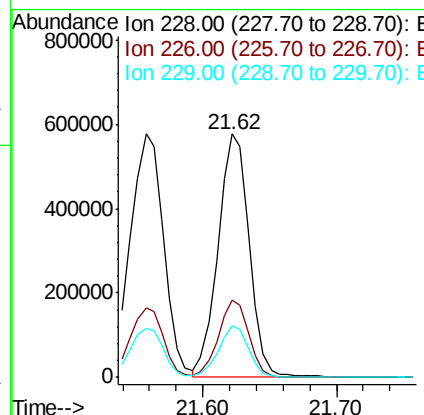
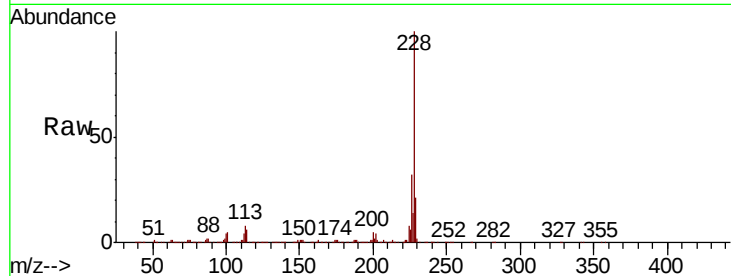
#83  
Chrysene  
Concen: 42.364 ng  
RT: 21.62 min Scan# 3155  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.0  | 25.1  | 37.7  |
| 229     | 21.3  | 16.4  | 24.6  |

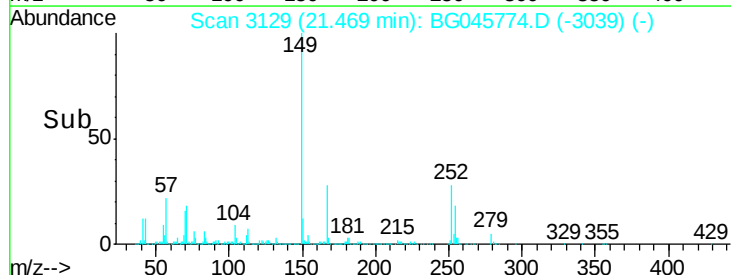
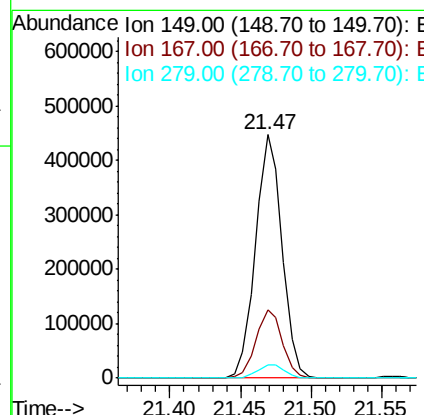
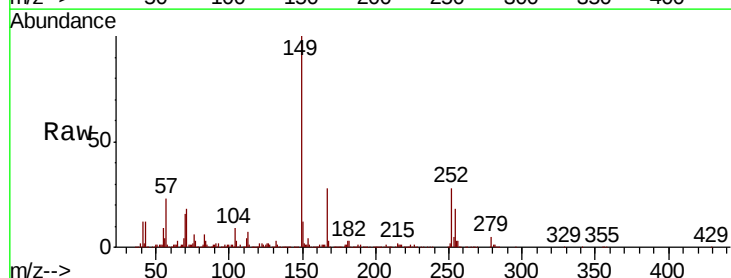
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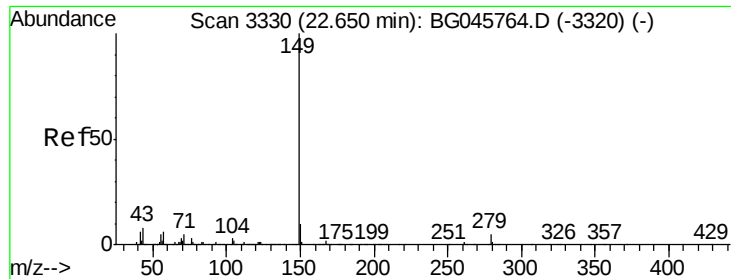
mohammad  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.828 ng  
RT: 21.47 min Scan# 3129  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.8  | 21.3  | 31.9  |
| 279     | 5.2   | 3.7   | 5.5   |





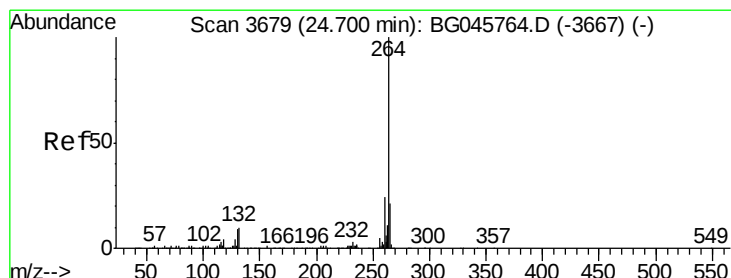
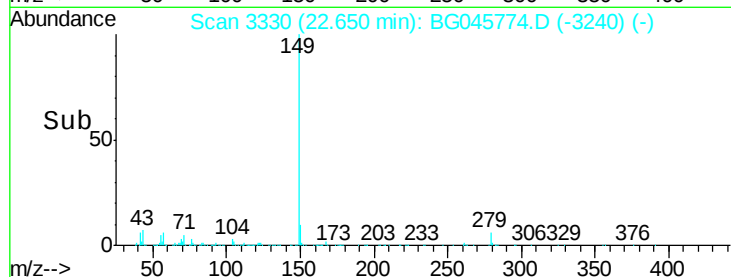
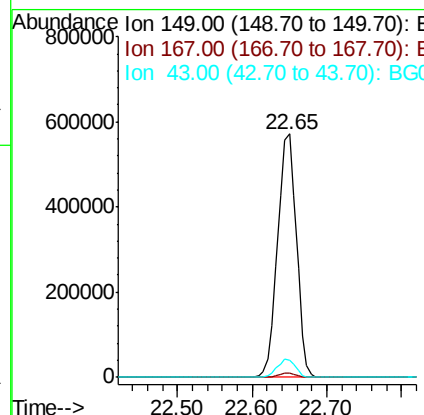
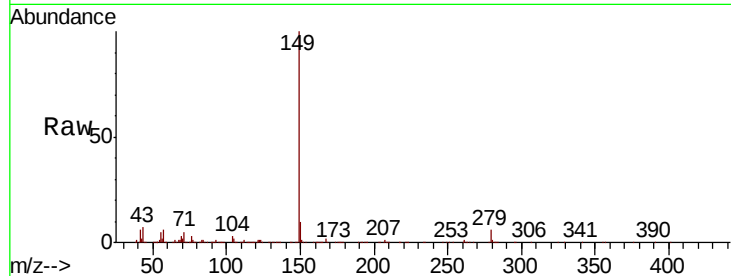
#85  
Di-n-octyl phthalate  
Concen: 41.828 ng  
RT: 22.65 min Scan# 3330  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 993794 |       |       |
| 167     | 1.7   |        | 1.4   | 2.0   |
| 43      | 7.3   |        | 5.9   | 8.9   |

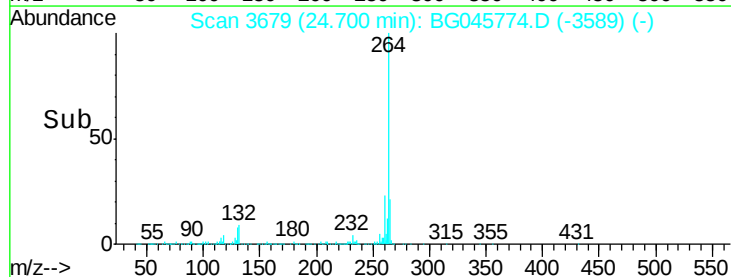
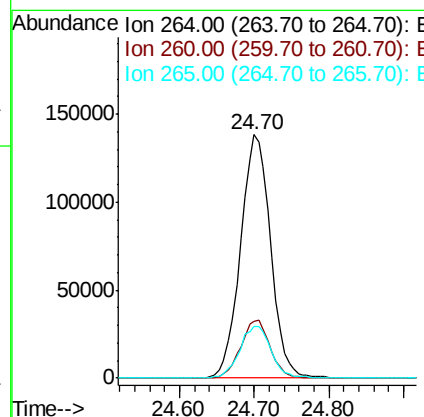
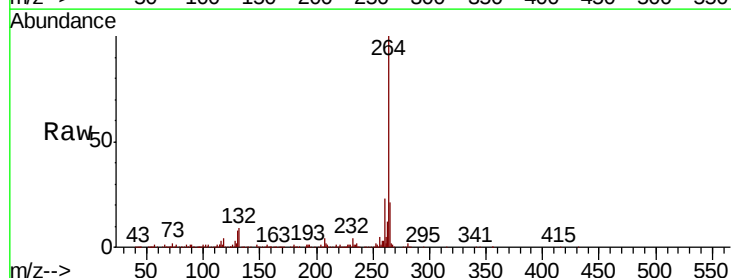
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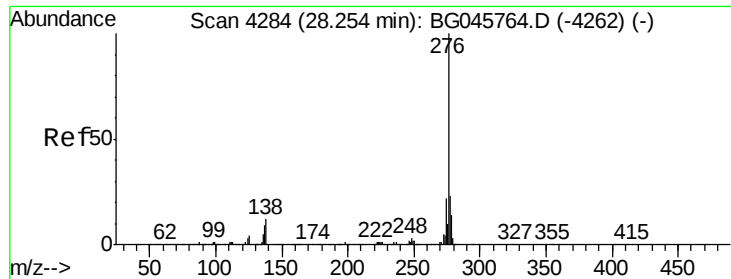
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.70 min Scan# 3679  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 386605 |       |       |
| 260     | 23.3  |        | 19.0  | 28.4  |
| 265     | 21.0  |        | 17.4  | 26.0  |





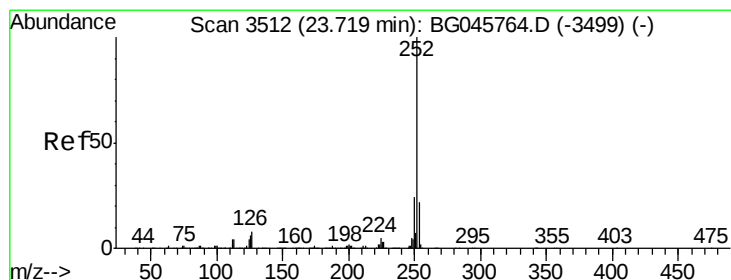
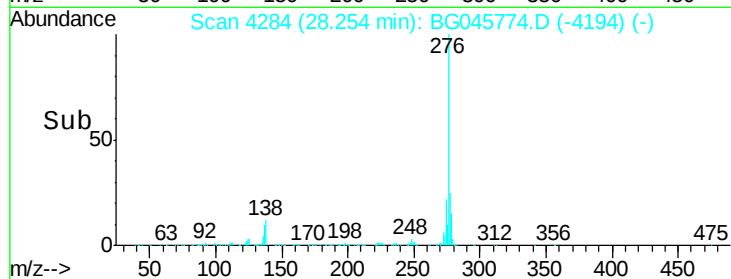
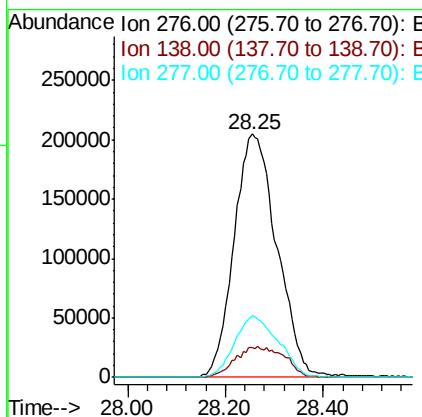
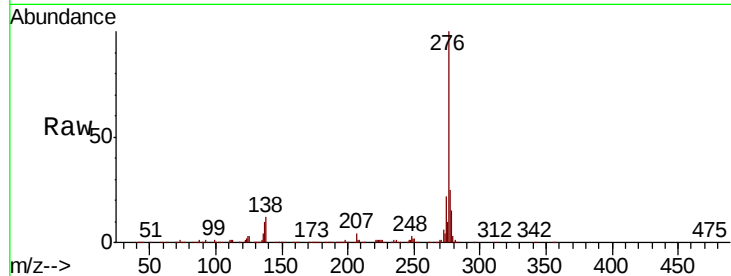
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 44.602 ng  
 RT: 28.25 min Scan# 4284  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB129573BS

Tot Ion:276 Resp: 1250065  
 Ion Ratio Lower Upper  
 276 100  
 138 8.2 5.4 8.0#  
 277 25.8 20.6 30.8

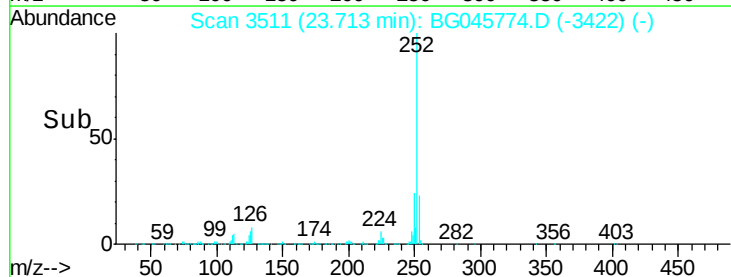
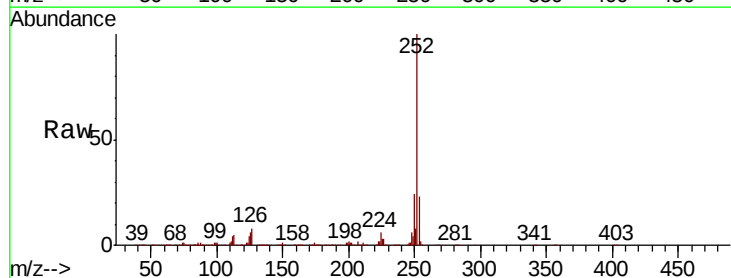
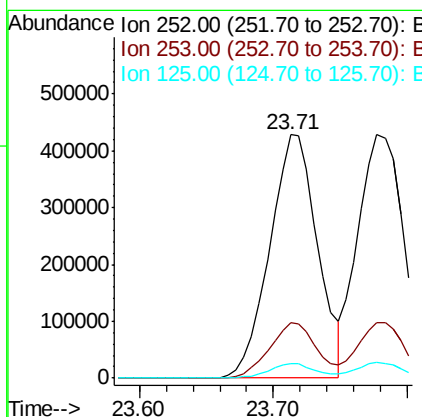
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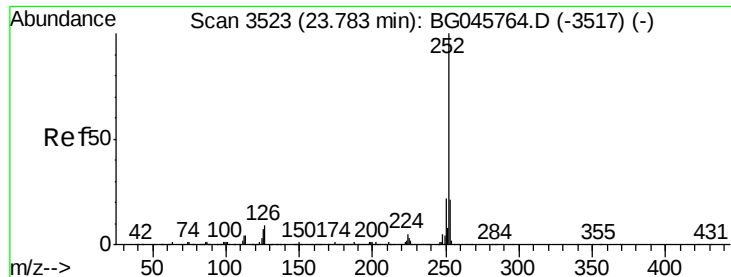
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#88  
 Benzo(b)fluoranthene  
 Concen: 43.925 ng  
 RT: 23.71 min Scan# 3511  
 Delta R.T. -0.01 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

Tgt Ion:252 Resp: 1064729  
 Ion Ratio Lower Upper  
 252 100  
 253 22.8 17.4 26.0  
 125 6.2 5.0 7.4





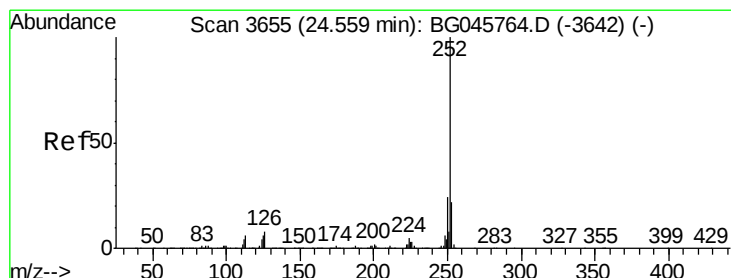
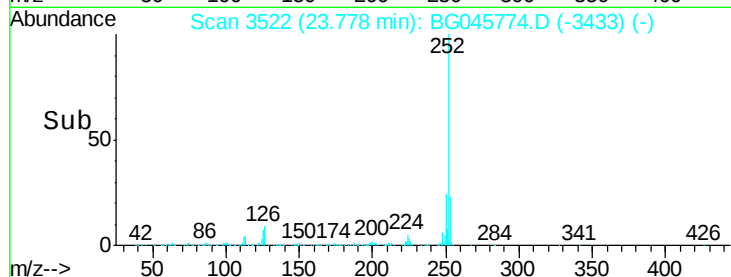
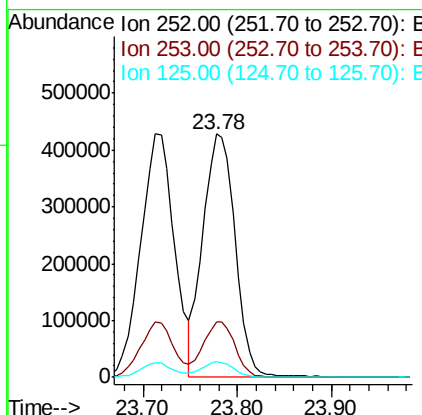
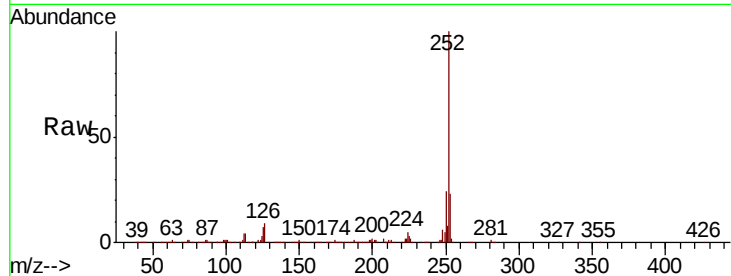
#89  
Benzo(k)fluoranthene  
Concen: 44.144 ng  
RT: 23.78 min Scan# 3522  
Delta R.T. -0.01 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.2  | 25.8  |
| 125     | 6.6   | 5.2   | 7.8   |

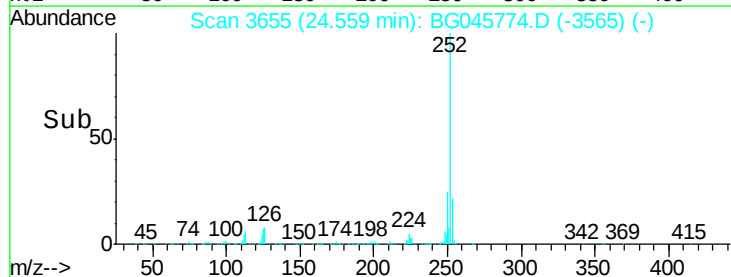
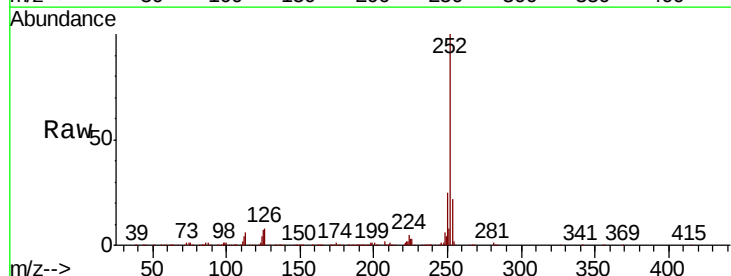
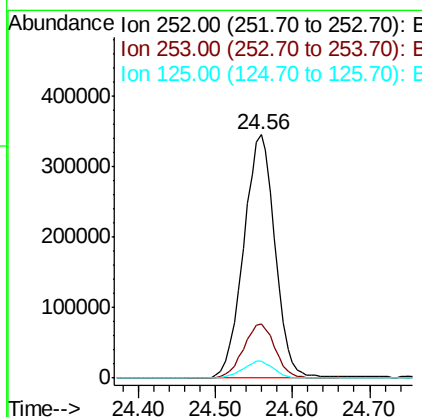
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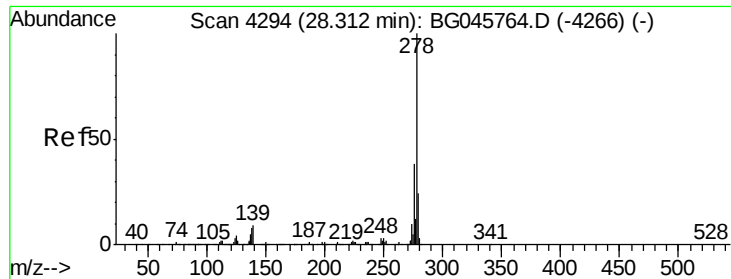
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#90  
Benzo(a)pyrene  
Concen: 43.365 ng  
RT: 24.56 min Scan# 3655  
Delta R.T. 0.00 min  
Lab File: BG045774.D  
Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.0  | 27.0  |
| 125     | 7.1   | 5.0   | 7.6   |





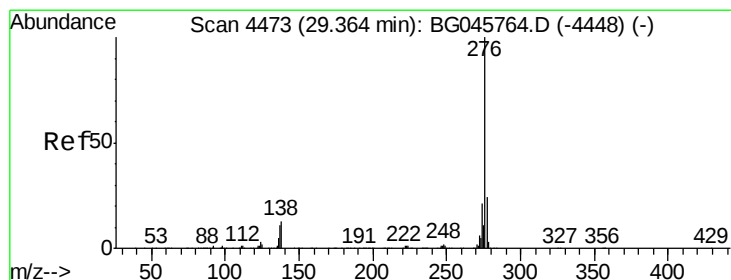
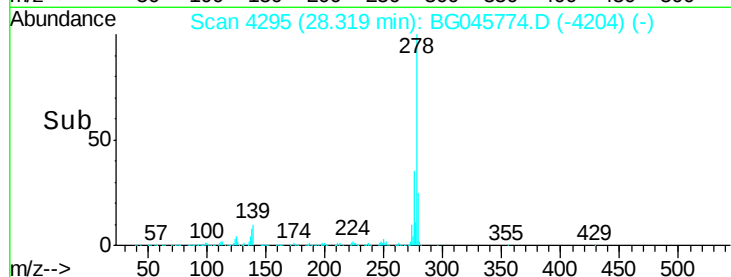
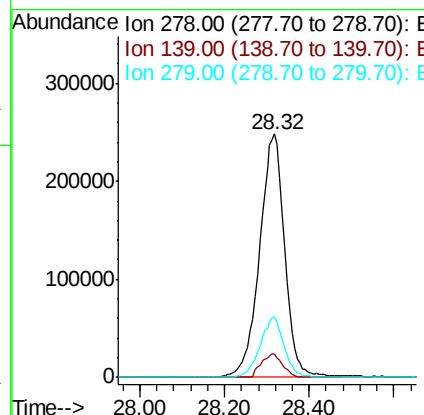
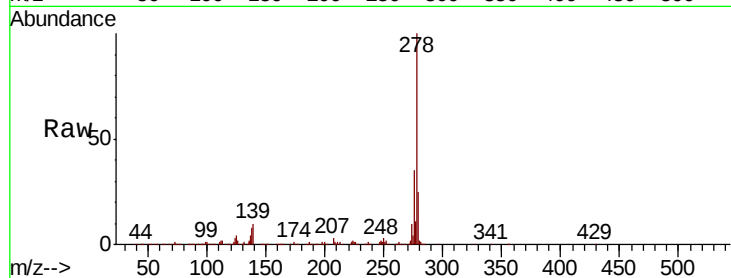
#91  
 Dibenzo(a,h)anthracene  
 Concen: 46.018 ng  
 RT: 28.32 min Scan# 4295  
 Delta R.T. 0.01 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129573BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.5   | 7.3   | 10.9  |
| 279     | 24.9  | 19.5  | 29.3  |

Manual Integrations  
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#92  
 Benzo(g,h,i)perylene  
 Concen: 45.046 ng  
 RT: 29.36 min Scan# 4473  
 Delta R.T. 0.00 min  
 Lab File: BG045774.D  
 Acq: 16 Jun 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 26.0  | 19.2  | 28.8  |
| 138     | 13.3  | 10.6  | 15.8  |

