

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\  
 Data File : BG045999.D  
 Acq On : 10 Jul 2020 9:39  
 Operator : CG/JU  
 Sample : PB130037BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

Manual Integrations  
 APPROVED

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 7/13/2020 1:03:26 PM

Quant Time: Jul 10 11:36:32 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 07 09:58:42 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 157339   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.80 | 136  | 641374   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.63 | 164  | 385348   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.37 | 188  | 791409   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.63 | 240  | 668432   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.79 | 264  | 692189   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.59  | 112 | 1462773 | 150.77 | ng | 0.00 |
| 7) Phenol-d6                | 7.17  | 99  | 1942929 | 139.09 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.16  | 82  | 1254026 | 112.54 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.12 | 330 | 527593  | 147.52 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.26 | 172 | 2254159 | 91.24  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.99 | 244 | 2835193 | 94.40  | ng | 0.00 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.51  | 88  | 173694  | 38.804 | ng | 98   |
| 3) Pyridine                    | 3.89  | 79  | 510440  | 37.713 | ng | 100  |
| 4) n-Nitrosodimethylamine      | 3.81  | 42  | 225557  | 49.284 | ng | # 93 |
| 6) Aniline                     | 7.33  | 93  | 738117  | 41.306 | ng | 99   |
| 8) 2-Chlorophenol              | 7.57  | 128 | 494224  | 47.320 | ng | 98   |
| 9) Benzaldehyde                | 7.14  | 77  | 333544  | 37.688 | ng | 97   |
| 10) Phenol                     | 7.19  | 94  | 659534  | 47.069 | ng | 98   |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 506529  | 43.716 | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 518222  | 43.047 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 515505  | 43.530 | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 483561  | 42.426 | ng | 99   |
| 15) Benzyl Alcohol             | 8.24  | 79  | 475958  | 43.456 | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 652002  | 43.128 | ng | 98   |
| 17) 2-Methylphenol             | 8.44  | 107 | 443362  | 42.169 | ng | 98   |
| 18) Hexachloroethane           | 9.09  | 117 | 198583  | 43.581 | ng | 91   |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 433639  | 44.190 | ng | 99   |
| 20) 3+4-Methylphenols          | 8.77  | 107 | 604777  | 42.205 | ng | 99   |
| 22) Acetophenone               | 8.82  | 105 | 713270  | 41.628 | ng | 98   |
| 24) Nitrobenzene               | 9.20  | 77  | 602505  | 48.988 | ng | 99   |
| 25) Isophorone                 | 9.73  | 82  | 1135909 | 41.757 | ng | 99   |
| 26) 2-Nitrophenol              | 9.91  | 139 | 217448  | 54.243 | ng | 99   |
| 27) 2,4-Dimethylphenol         | 9.97  | 122 | 428559  | 44.260 | ng | 99   |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 663756  | 43.452 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.45 | 162 | 442470  | 44.143 | ng | 99   |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 456337  | 41.089 | ng | 98   |
| 31) Naphthalene                | 10.85 | 128 | 1431379 | 41.631 | ng | 99   |
| 32) Benzoic acid               | 10.12 | 122 | 269195  | 45.858 | ng | 94   |
| 33) 4-Chloroaniline            | 10.95 | 127 | 458153  | 29.819 | ng | 99   |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 257881  | 39.768 | ng | 99   |
| 35) Caprolactam                | 11.72 | 113 | 168582m | 44.298 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 12.08 | 107 | 516424  | 45.236 | ng | 99   |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 1034345 | 42.319 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.68 | 142 | 996003  | 43.180 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 452928  | 41.696 | ng | 99   |

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Manual Integrations  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 07 09:58:42 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.82 | 237  | 537484   | 83.389  | nq    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.06 | 196  | 328422   | 44.705  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.13 | 196  | 357752   | 43.070  | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.47 | 154  | 1241480  | 42.827  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.50 | 162  | 939306   | 41.068  | nq    | 98       |
| 48) 2-Nitroaniline             | 13.70 | 65   | 344393   | 53.310  | nq    | 100      |
| 49) Acenaphthylene             | 14.35 | 152  | 1539071  | 41.707  | nq    | 99       |
| 50) Dimethylphthalate          | 14.09 | 163  | 1204243  | 41.641  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.19 | 165  | 267692   | 51.494  | nq    | 99       |
| 52) Acenaphthene               | 14.70 | 154  | 1053251  | 45.250  | nq    | 98       |
| 53) 3-Nitroaniline             | 14.52 | 138  | 258025   | 41.111  | nq    | # 94     |
| 54) 2,4-Dinitrophenol          | 14.73 | 184  | 195795   | 99.567  | nq    | # 87     |
| 55) Dibenzofuran               | 15.03 | 168  | 1421770  | 41.670  | nq    | 99       |
| 56) 4-Nitrophenol              | 14.83 | 139  | 501373   | 106.413 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.98 | 165  | 361688   | 53.952  | nq    | 94       |
| 58) Fluorene                   | 15.68 | 166  | 1168112  | 41.733  | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 306637m  | 47.814  | nq    |          |
| 60) Diethylphthalate           | 15.45 | 149  | 1240461  | 40.901  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 555243   | 39.874  | nq    | 97       |
| 62) 4-Nitroaniline             | 15.69 | 138  | 304539   | 50.951  | nq    | 94       |
| 63) Azobenzene                 | 15.96 | 77   | 1408667  | 43.275  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 142317   | 51.629  | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.88 | 169  | 1039252  | 42.376  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.56 | 248  | 356152   | 40.294  | nq    | 97       |
| 68) Hexachlorobenzene          | 16.68 | 284  | 376920   | 42.495  | nq    | 97       |
| 69) Atrazine                   | 16.83 | 200  | 340095   | 46.904  | nq    | 96       |
| 70) Pentachlorophenol          | 17.02 | 266  | 463072   | 93.902  | nq    | 99       |
| 71) Phenanthrene               | 17.42 | 178  | 1767984  | 42.256  | nq    | 97       |
| 72) Anthracene                 | 17.50 | 178  | 1797817  | 42.341  | nq    | 98       |
| 73) Carbazole                  | 17.77 | 167  | 1723907  | 40.505  | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 2040103  | 39.668  | nq    | 99       |
| 75) Fluoranthene               | 19.42 | 202  | 2033254  | 42.038  | nq    | 97       |
| 77) Benzidine                  | 19.60 | 184  | 1166915  | 61.056  | nq    | 98       |
| 78) Pyrene                     | 19.78 | 202  | 2001437  | 43.865  | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 958794   | 44.468  | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.61 | 228  | 1847536  | 42.036  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.53 | 252  | 635942   | 39.157  | nq    | 97       |
| 83) Chrysene                   | 21.67 | 228  | 1767243  | 42.206  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 1335316  | 42.664  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.75 | 149  | 2315990  | 42.640  | nq    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 28.37 | 276  | 2383596  | 47.071  | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 23.79 | 252  | 2042760  | 46.489  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 23.86 | 252  | 1908673  | 45.938  | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.64 | 252  | 1865566  | 45.150  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.44 | 278  | 1907870  | 46.712  | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 29.48 | 276  | 1912235  | 46.524  | nq    | 99       |

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

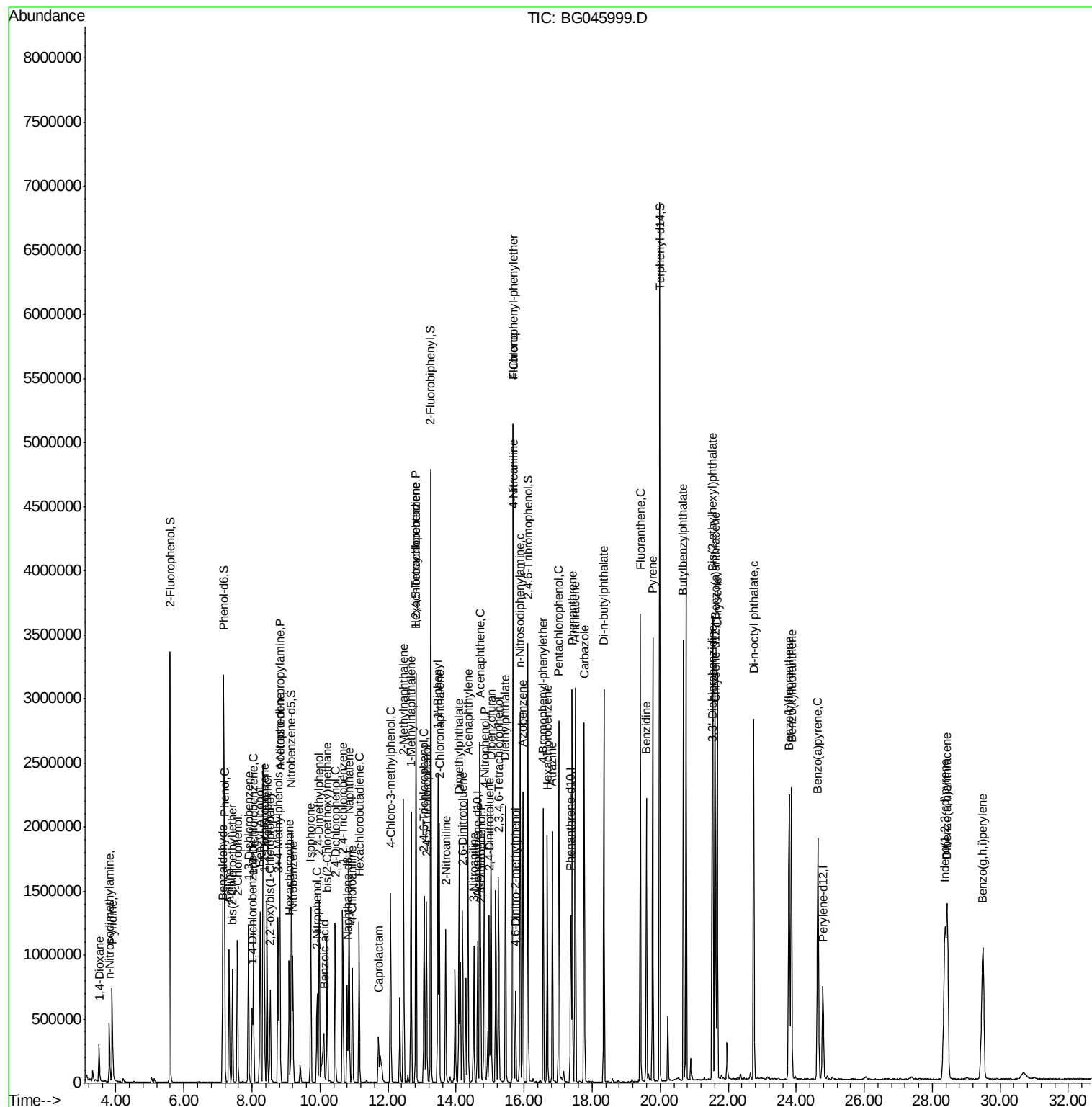
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\  
Data File : BG045999.D  
Acq On : 10 Jul 2020 9:39  
Operator : CG/JU  
Sample : PB130037BS  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

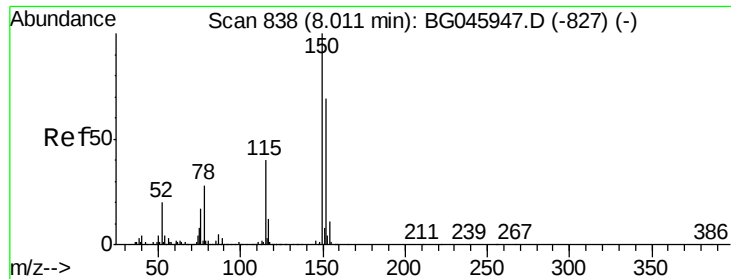
Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

Manual Integrations  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

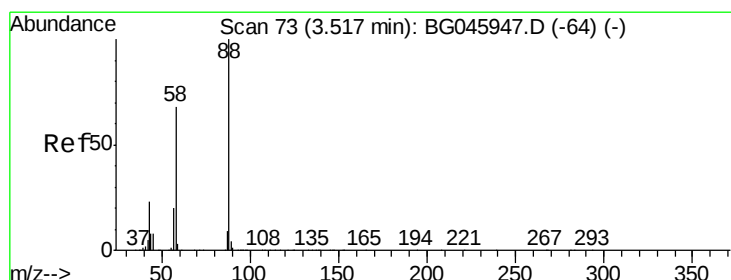
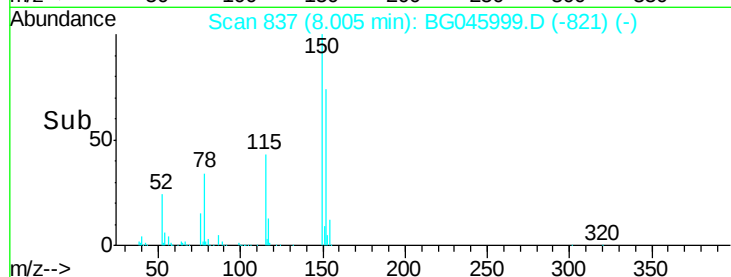
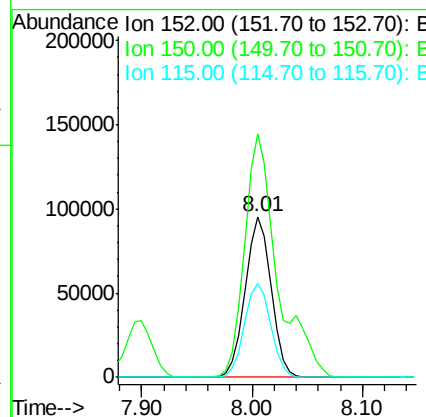
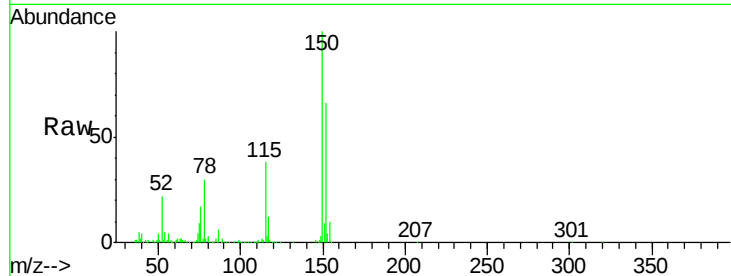
ClientSampleId :

PB130037BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 157339 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 151.3 | 116.7 | 175.1  |
| 115       | 58.0  | 47.4  | 71.0   |

Manual Integrations  
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#2

1,4-Dioxane

Concen: 38.804 ng

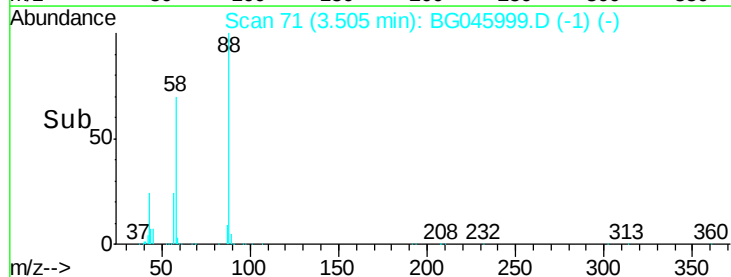
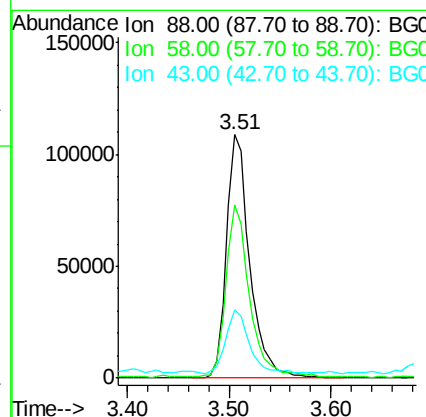
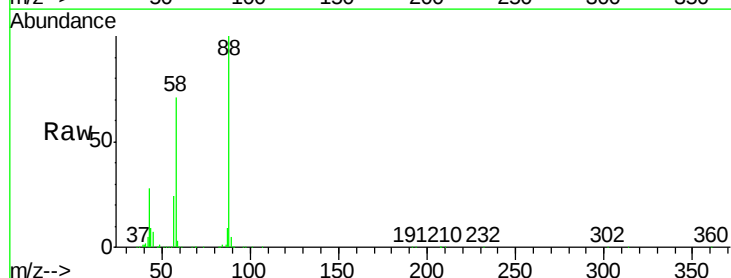
RT: 3.51 min Scan# 71

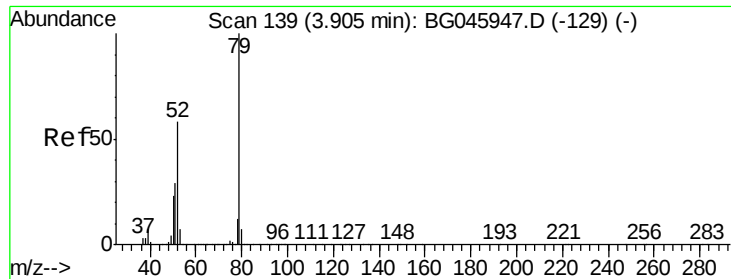
Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 173694 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 70.4  | 55.2  | 82.8   |
| 43        | 25.9  | 19.4  | 29.0   |





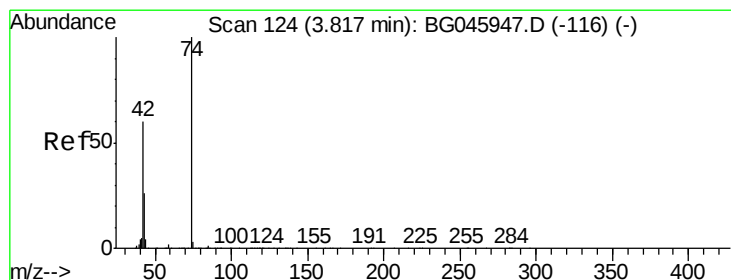
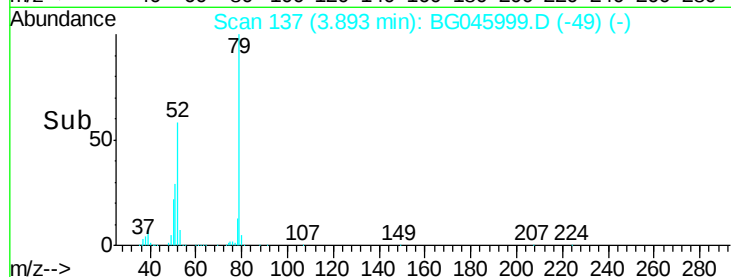
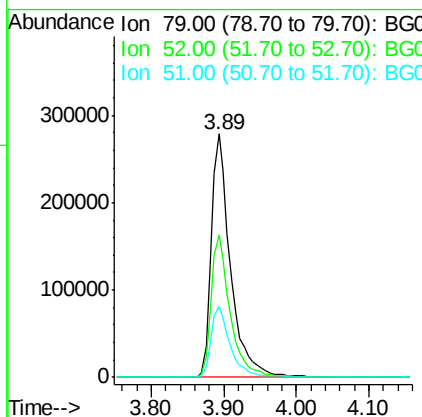
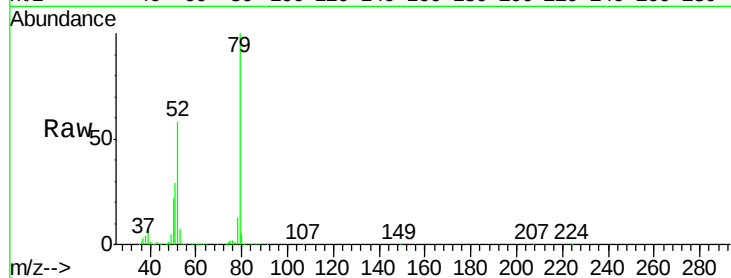
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Pvridine  
Concen: 37.713 ng  
RT: 3.89 min Scan# 137  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 58.4  | 46.5  | 69.7  |
| 51      | 29.2  | 23.5  | 35.3  |

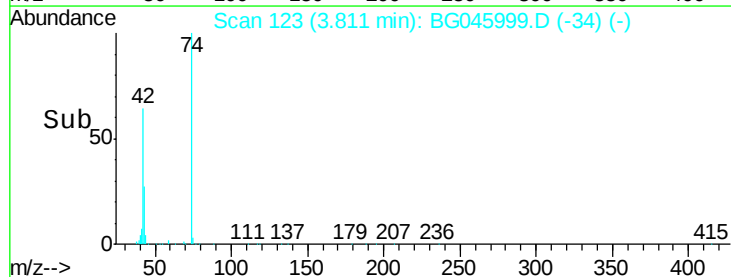
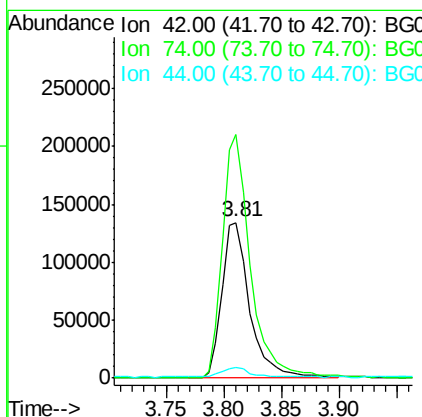
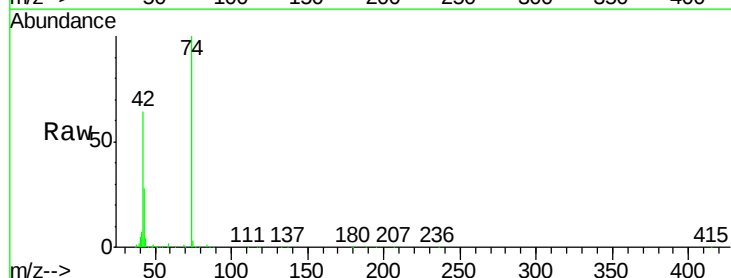
Manual Integrations  
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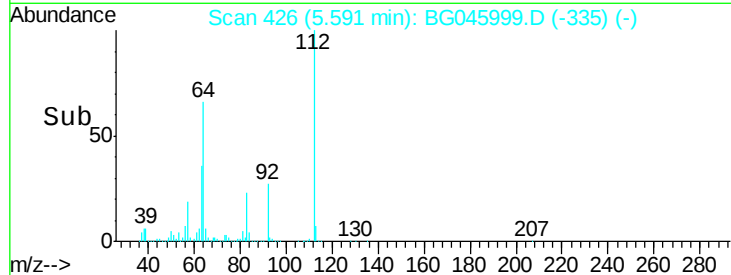
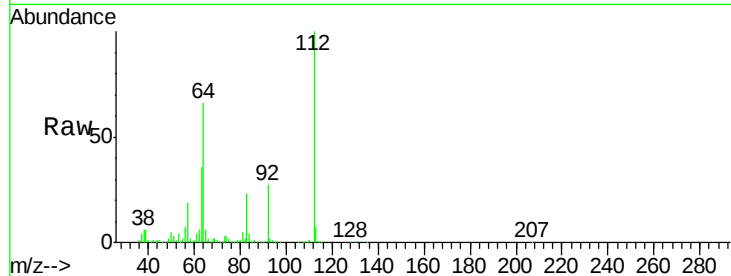
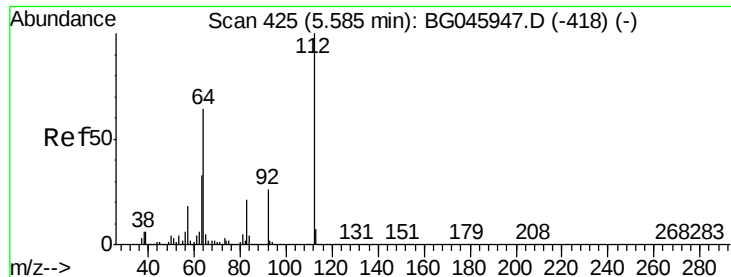
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#4  
n-Nitrosodimethylamine  
Concen: 49.284 ng  
RT: 3.81 min Scan# 123  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 156.2 | 131.9 | 197.9 |
| 44      | 6.7   | 7.7   | 11.5  |





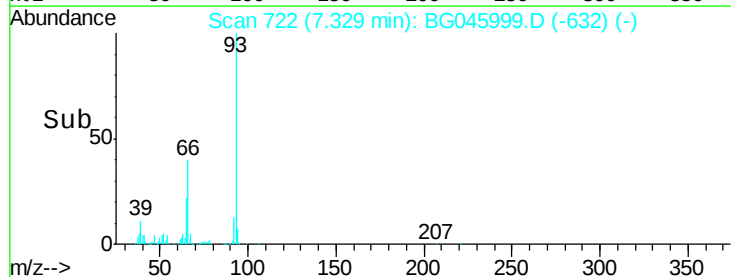
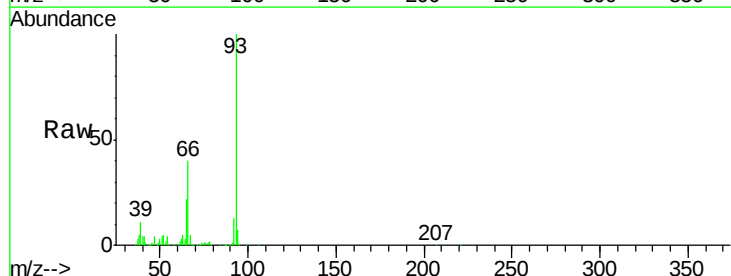
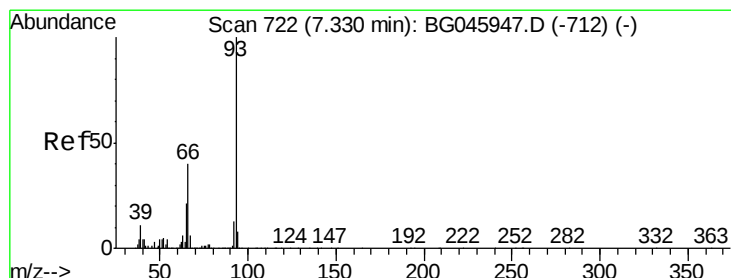
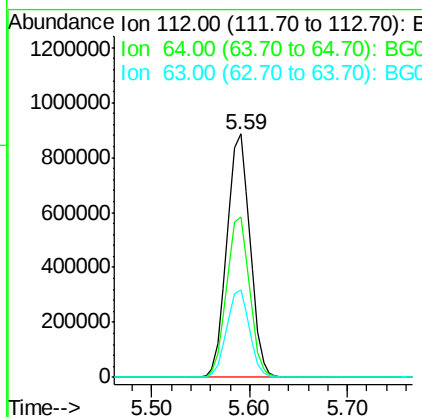
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2-Fluorophenol  
Concen: 150.766 ng  
RT: 5.59 min Scan# 426  
Delta R.T. 0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 66.0  | 51.4  | 77.2  |
| 63      | 35.8  | 26.6  | 40.0  |

Instrument :  
BNA\_G  
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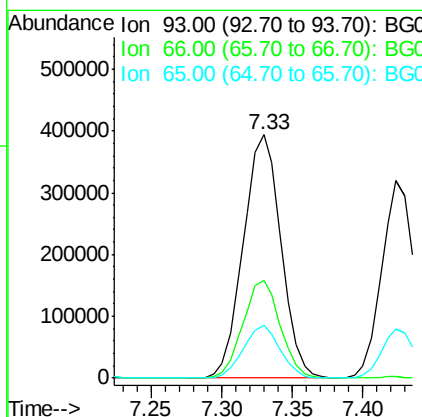
Manual Integrations  
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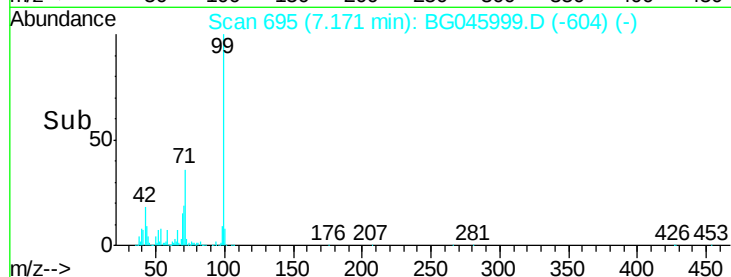
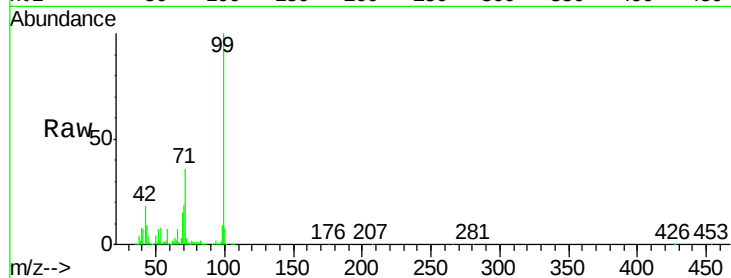
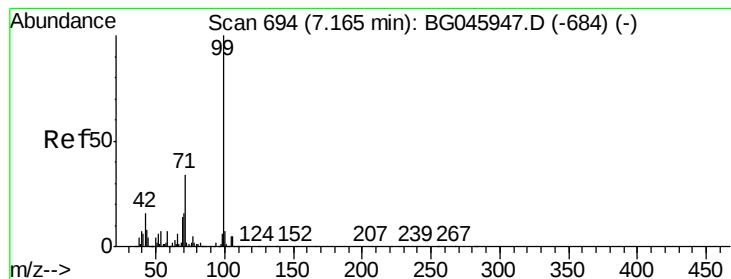
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#6  
Aniline  
Concen: 41.306 ng  
RT: 7.33 min Scan# 722  
Delta R.T. -0.00 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 40.2  | 32.3  | 48.5  |
| 65      | 21.5  | 16.6  | 25.0  |





#7

Phenol-d6

Concen: 139.093 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Tot Ion: 99 Resp: 1942929

Ion Ratio Lower Upper

99 100

42 18.4 13.0 19.4

71 36.5 27.5 41.3

Instrument :

BNA\_G

ClientSampleId :

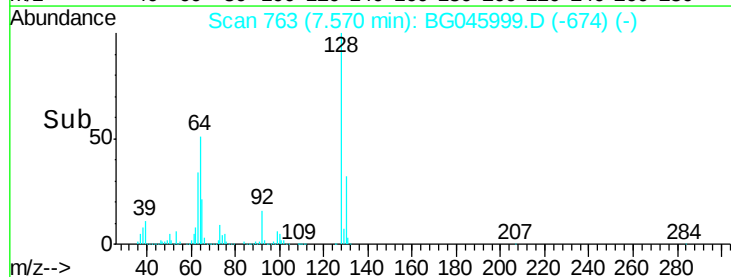
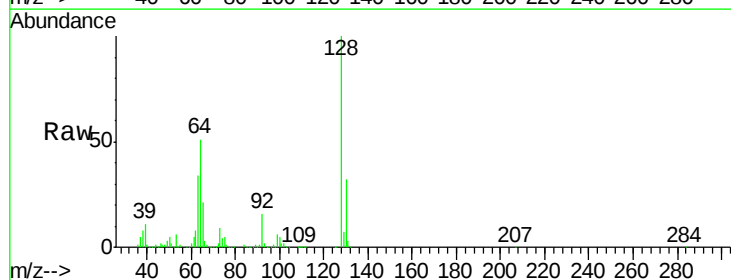
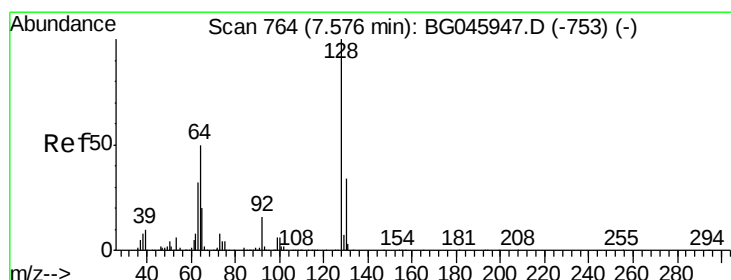
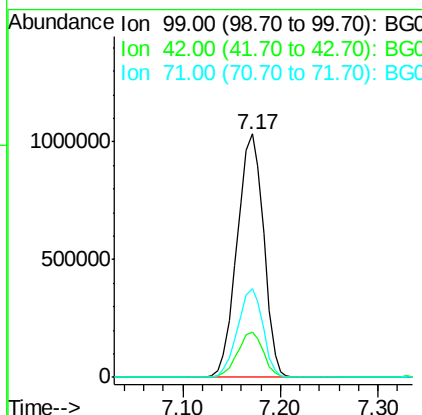
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#8

2-Chlorophenol

Concen: 47.320 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

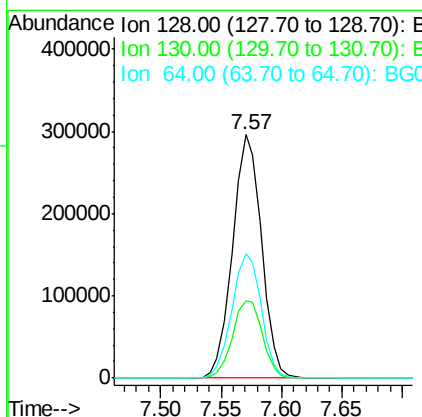
Tgt Ion:128 Resp: 494224

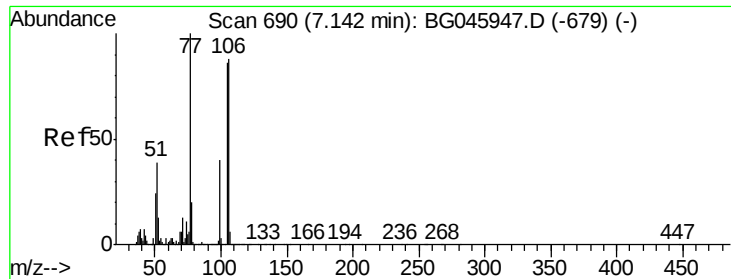
Ion Ratio Lower Upper

128 100

130 31.6 13.6 53.6

64 51.4 30.6 70.6





#9

Benzaldehyde

Concen: 37.688 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

ClientSampleId :

PB130037BS

Tot Ion: 77 Resp: 333544

Ion Ratio Lower Upper

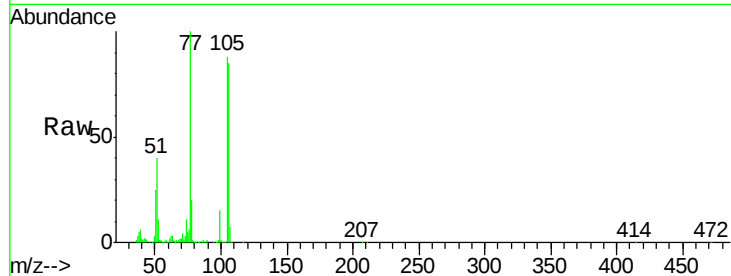
77 100

105 87.8 66.0 106.0

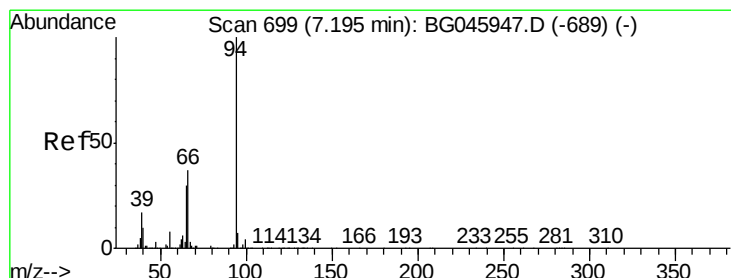
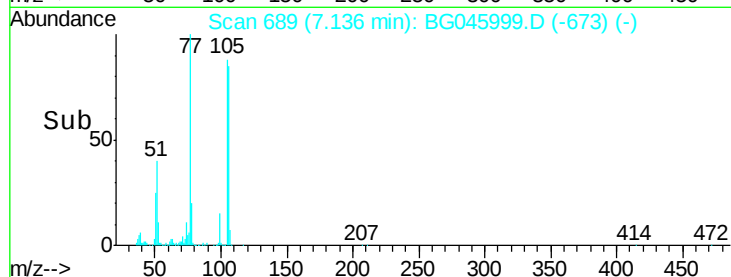
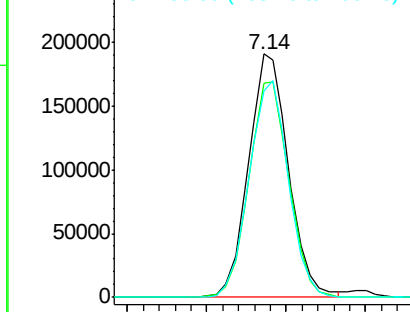
106 84.6 67.7 107.7

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Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.069 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

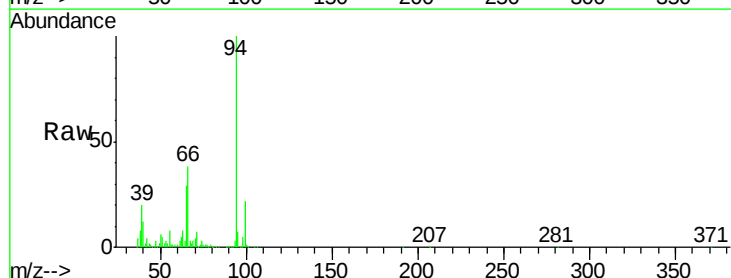
Tgt Ion: 94 Resp: 659534

Ion Ratio Lower Upper

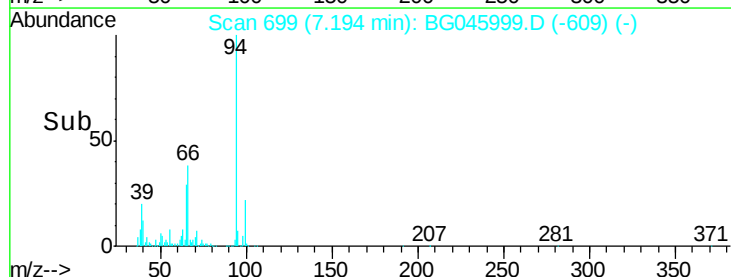
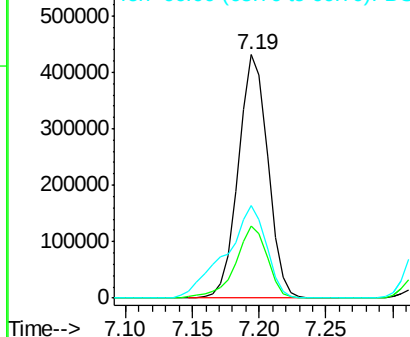
94 100

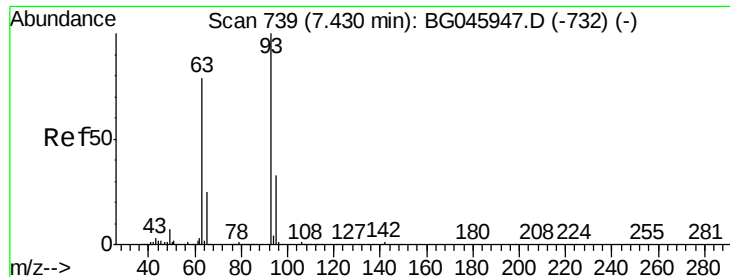
65 29.4 10.6 50.6

66 38.1 17.1 57.1



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC





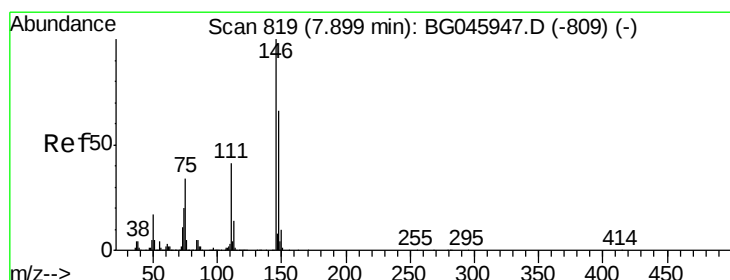
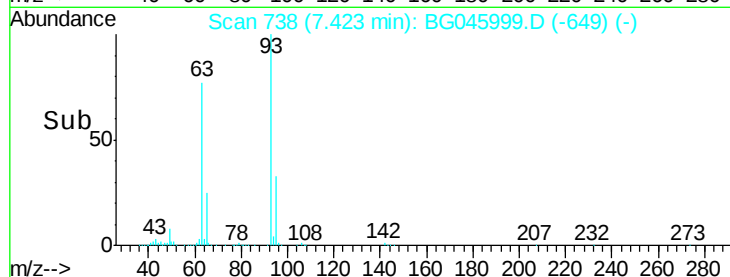
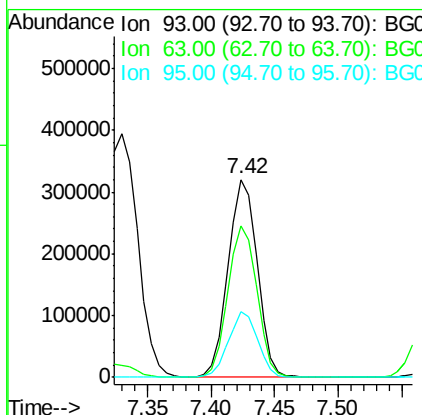
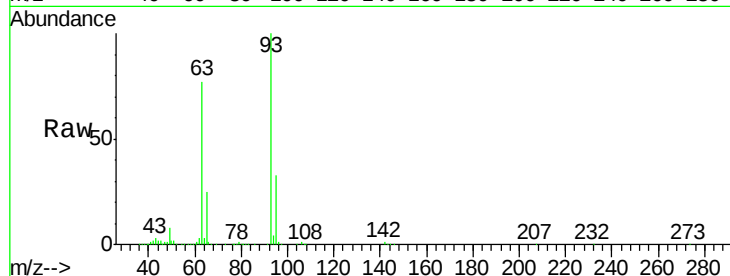
#11  
bis(2-Chloroethyl)ether  
Concen: 43.716 ng  
RT: 7.42 min Scan# 738  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 506529 |       |       |
| 63      | 76.5  |        | 58.6  | 98.6  |
| 95      | 33.4  |        | 13.3  | 53.3  |

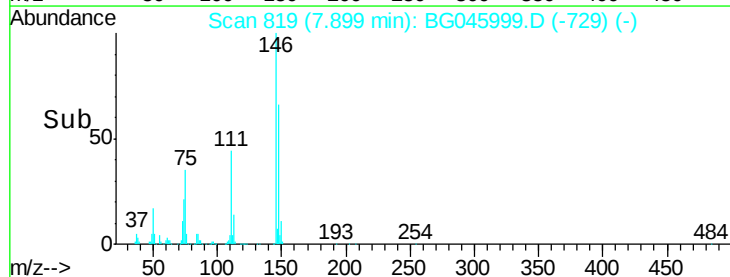
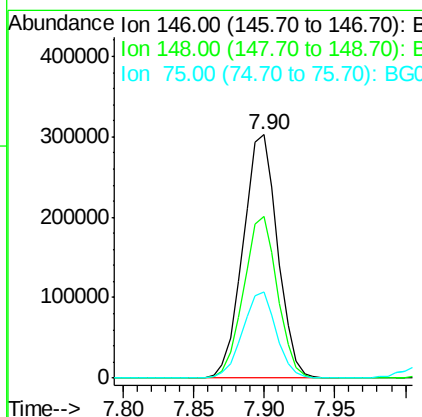
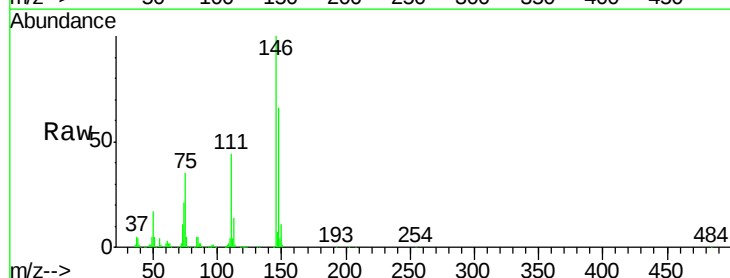
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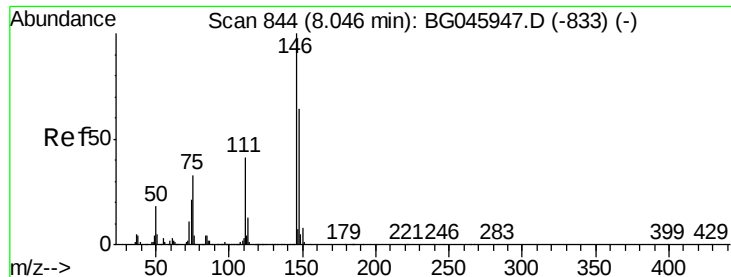
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 43.047 ng  
RT: 7.90 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 518222 |       |       |
| 148     | 66.2  |        | 52.8  | 79.2  |
| 75      | 35.2  |        | 27.2  | 40.8  |





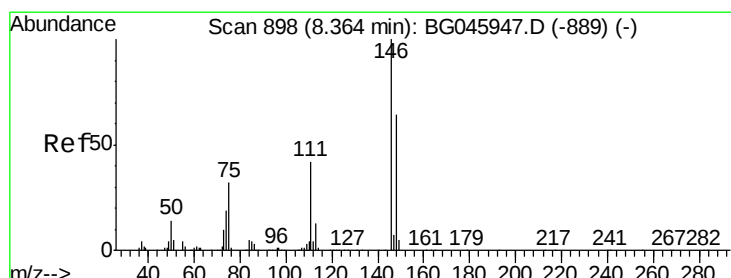
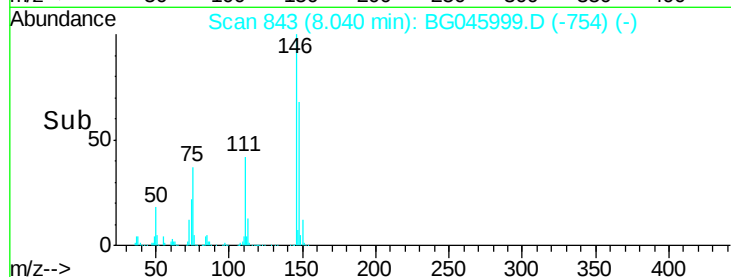
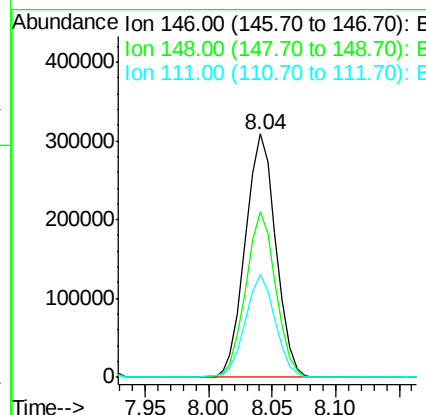
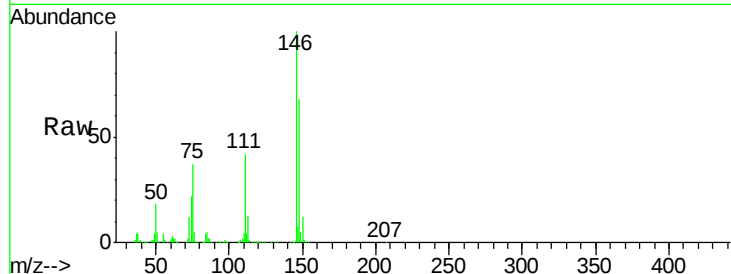
#13  
 1,4-Dichlorobenzene  
 Concen: 43.530 ng  
 RT: 8.04 min Scan# 843  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.0  | 51.7  | 77.5  |
| 111     | 42.4  | 33.3  | 49.9  |

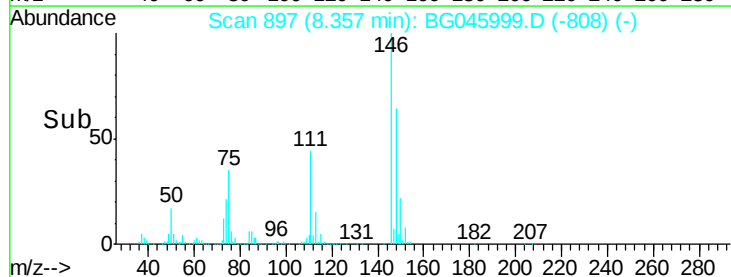
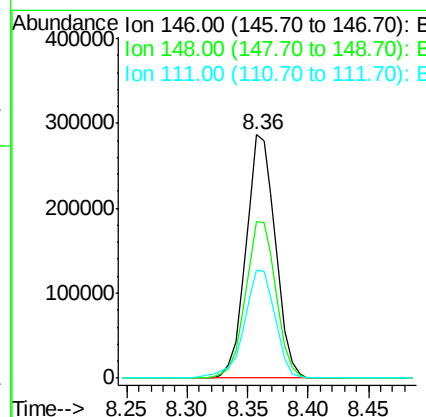
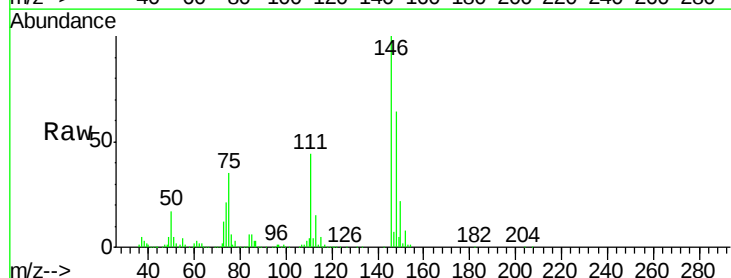
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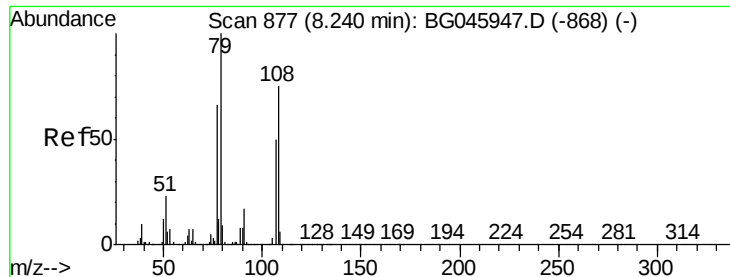
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#14  
 1,2-Dichlorobenzene  
 Concen: 42.426 ng  
 RT: 8.36 min Scan# 897  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.6  | 77.4  |
| 111     | 44.3  | 34.0  | 51.0  |





#15

Benzyl Alcohol

Concen: 43.456 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

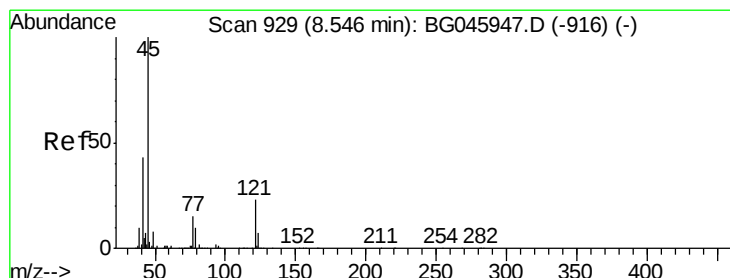
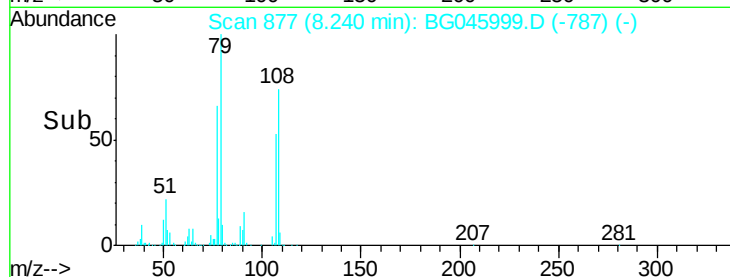
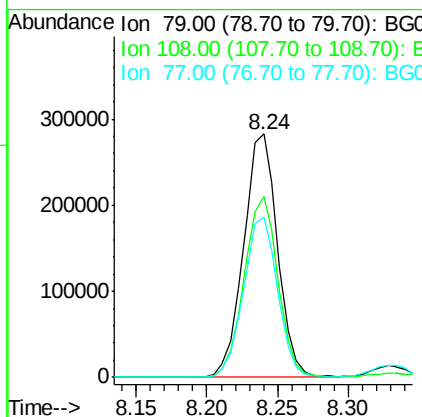
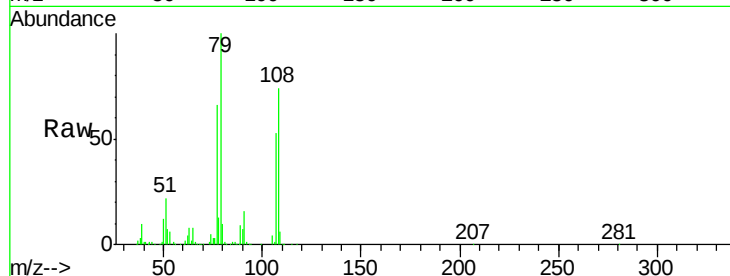
ClientSampleId :

PB130037BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 475958 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 74.4  | 60.2  | 90.4   |
| 77        | 66.1  | 52.9  | 79.3   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.128 ng

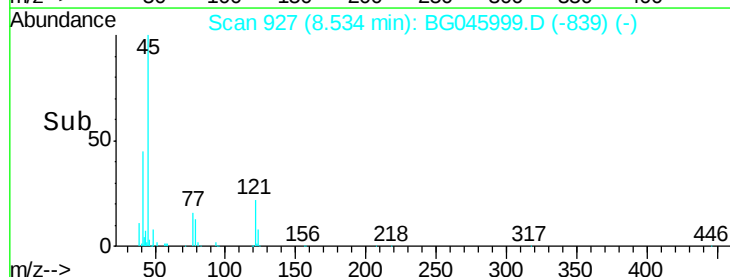
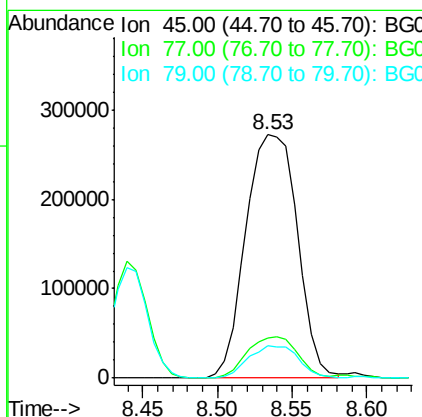
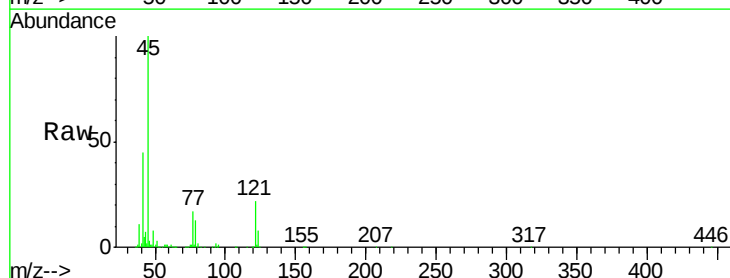
RT: 8.53 min Scan# 927

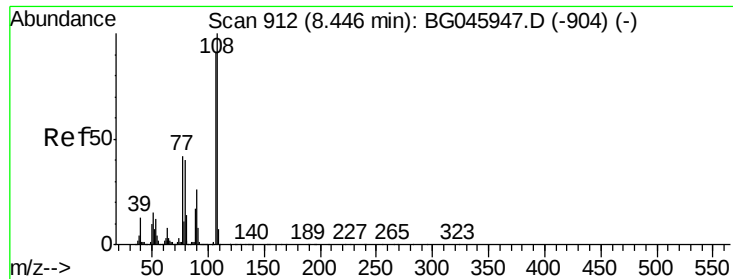
Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 652002 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 16.5  | 0.0   | 37.6   |
| 79        | 13.2  | 0.0   | 32.6   |





#17

2-Methylphenol

Concen: 42.169 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

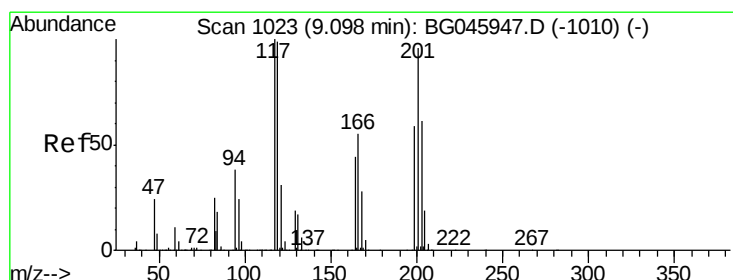
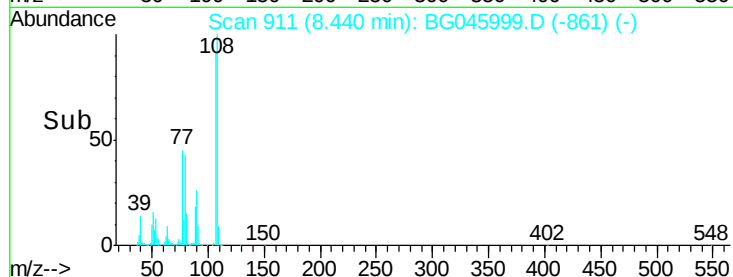
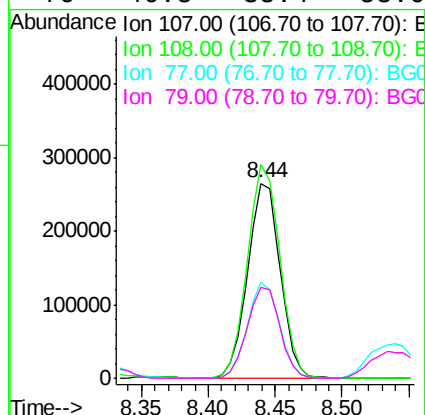
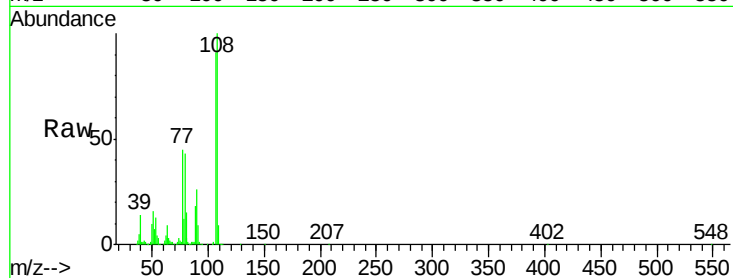
ClientSampleId :

PB130037BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 109.6 | 88.2 | 132.4 |       |
| 77      | 49.4  | 37.0 | 55.4  |       |
| 79      | 46.8  | 35.4 | 53.0  |       |

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#18

Hexachloroethane

Concen: 43.581 ng

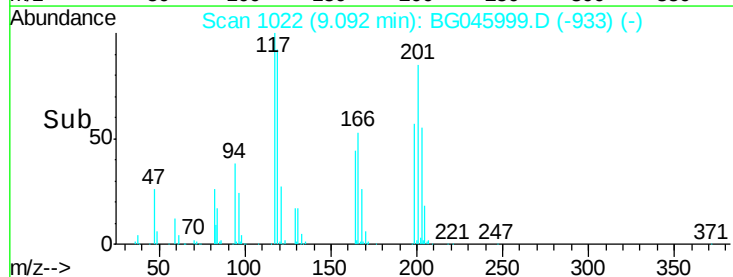
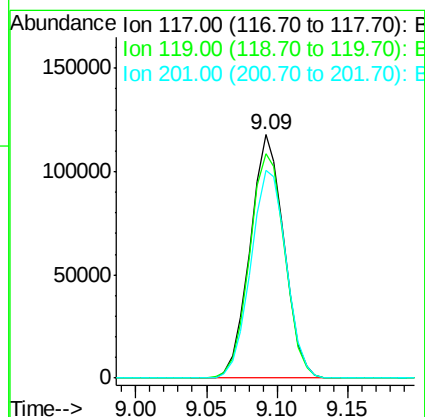
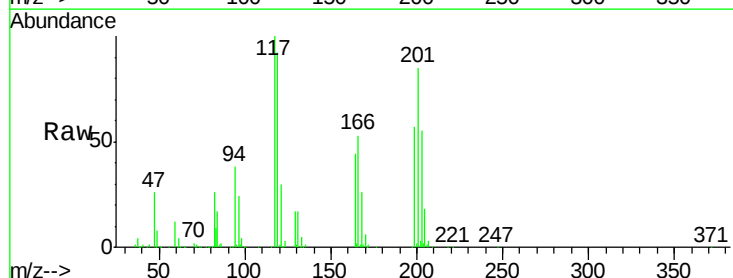
RT: 9.09 min Scan# 1022

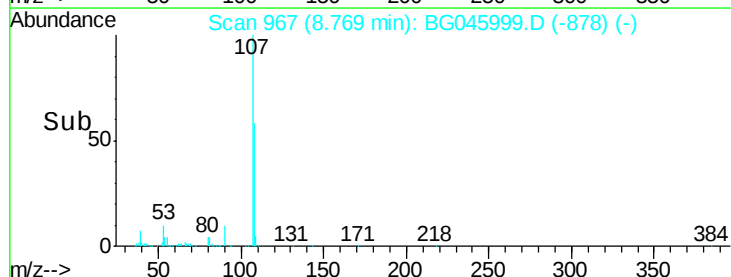
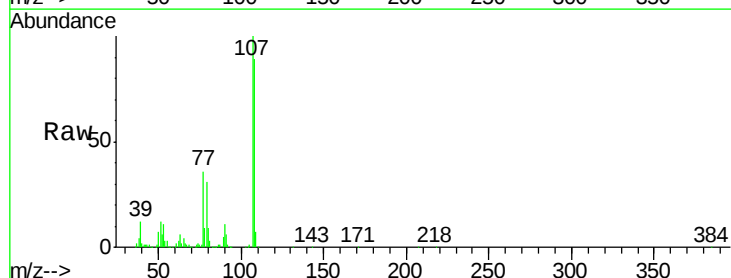
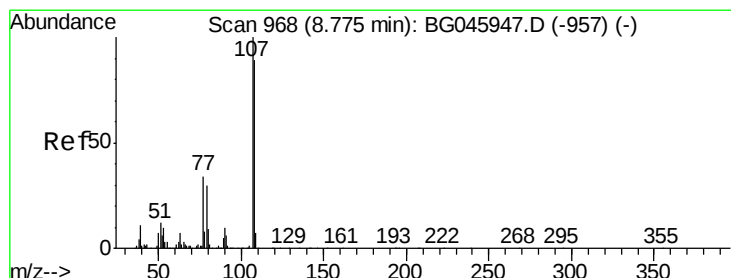
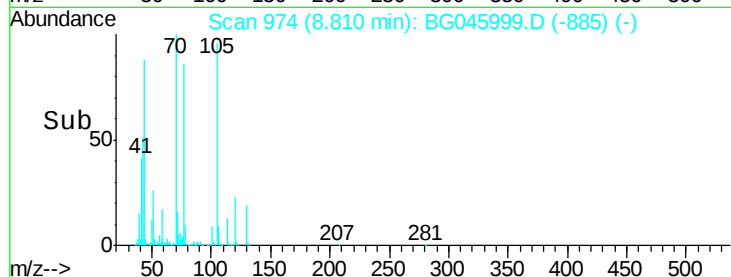
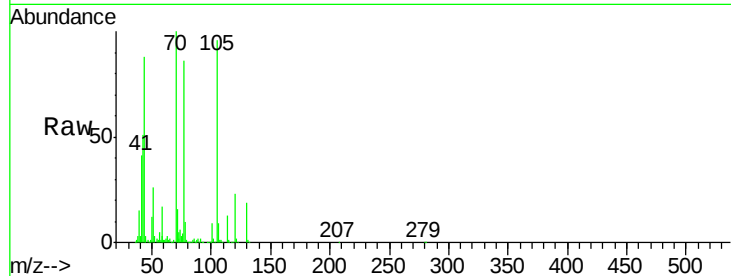
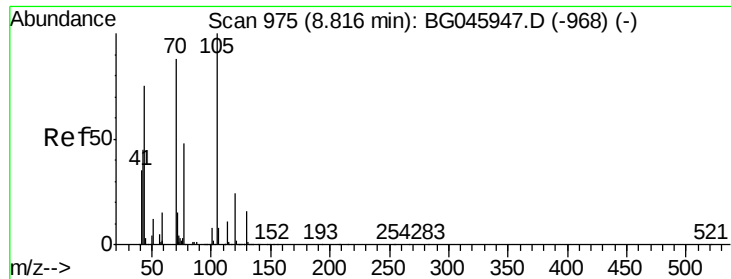
Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

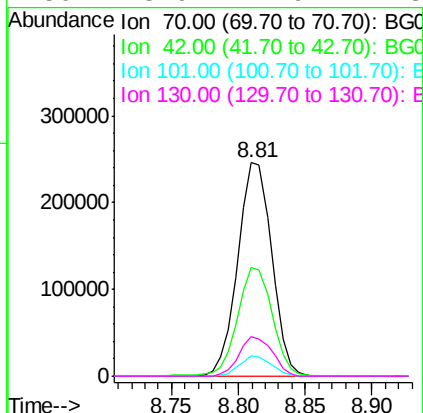
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 92.3  | 79.5 | 119.3 |       |
| 201     | 85.3  | 77.0 | 115.4 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 44.190 ng  
RT: 8.81 min Scan# 974  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 433639 |       |       |
| 42      | 51.1 | 41.4  | 62.0   |       |       |
| 101     | 9.5  | 7.1   | 10.7   |       |       |
| 130     | 18.9 | 14.9  | 22.3   |       |       |



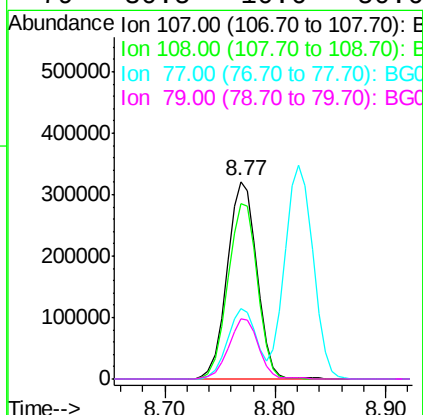
Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

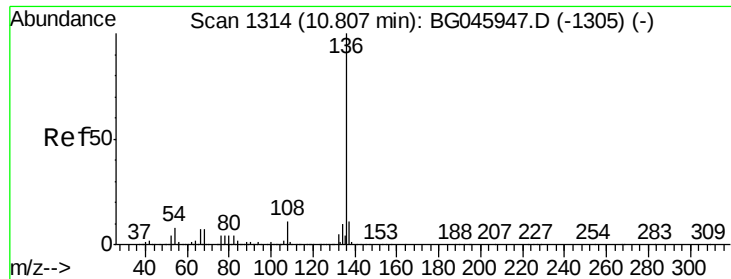
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#20  
3+4-Methylphenols  
Concen: 42.205 ng  
RT: 8.77 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 604777 |       |       |
| 108     | 88.9 | 68.7  | 108.7  |       |       |
| 77      | 36.0 | 14.6  | 54.6   |       |       |
| 79      | 30.5 | 10.6  | 50.6   |       |       |





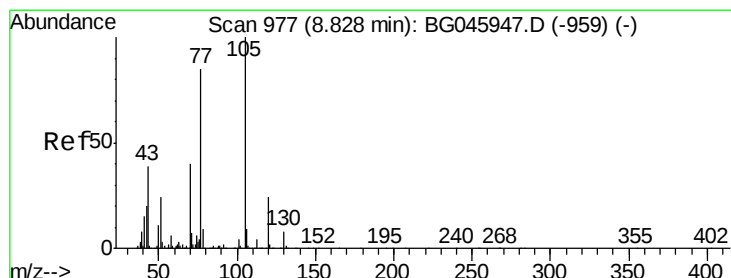
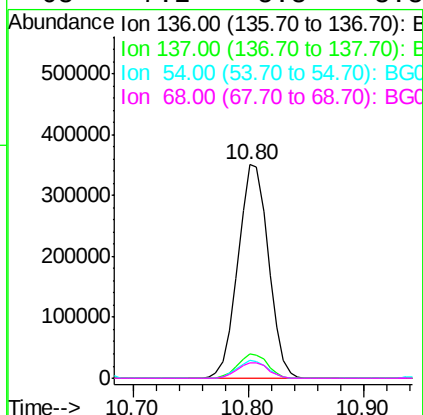
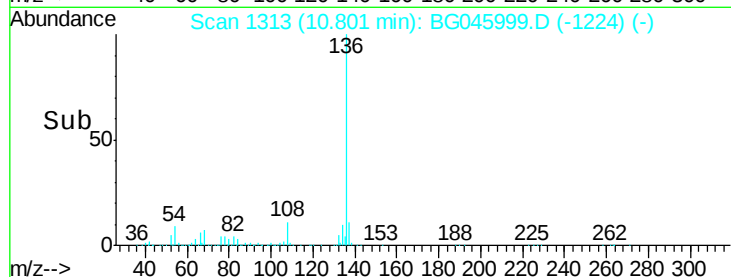
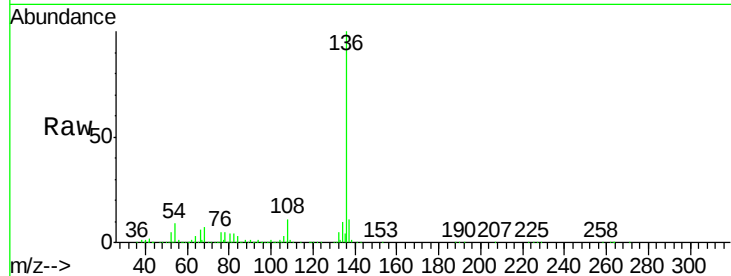
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.80 min Scan# 1313  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 641374 |       |       |
| 137     | 11.2 | 9.2   | 13.8   |       |       |
| 54      | 8.7  | 6.2   | 9.4    |       |       |
| 68      | 7.2  | 5.8   | 8.8    |       |       |

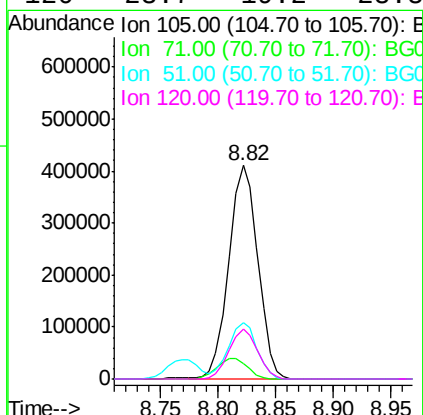
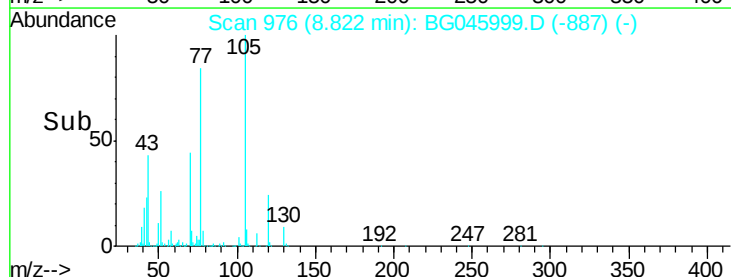
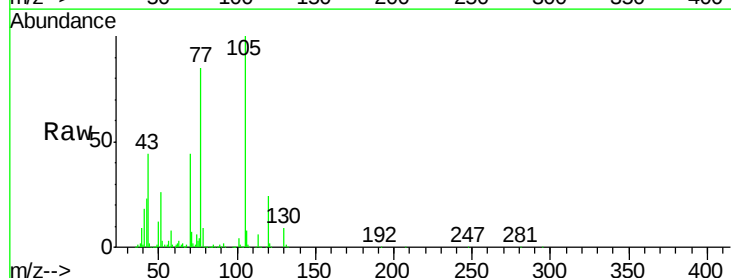
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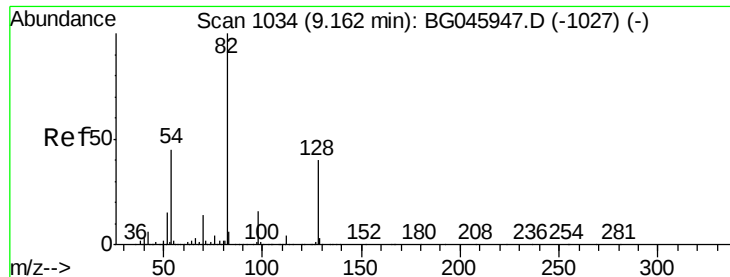
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#22  
Acetophenone  
Concen: 41.628 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 713270 |       |       |
| 71      | 7.1  | 6.2   | 9.2    |       |       |
| 51      | 26.2 | 19.7  | 29.5   |       |       |
| 120     | 23.7 | 19.2  | 28.8   |       |       |





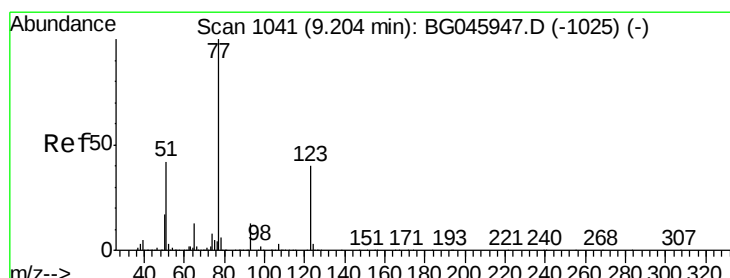
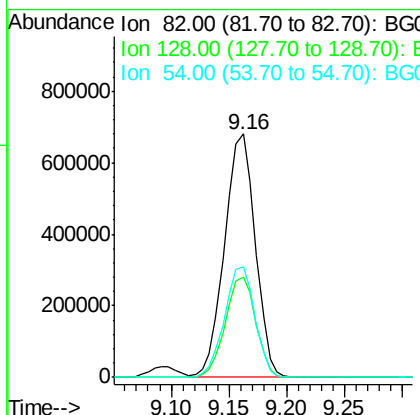
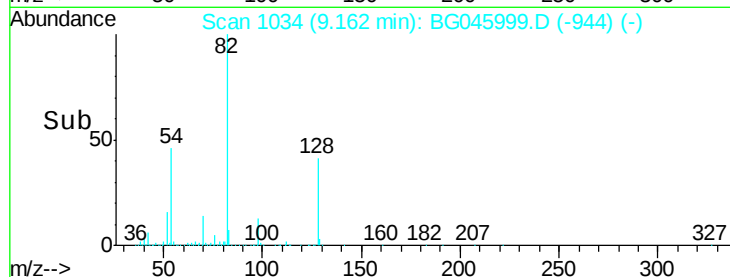
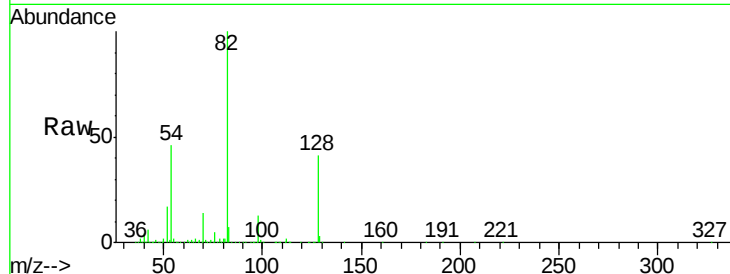
#23  
 Nitrobenzene-d5  
 Concen: 112.538 ng  
 RT: 9.16 min Scan# 1034  
 Delta R.T. -0.00 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

| Tot Ion   | 82   | Resp  | 1254026 |
|-----------|------|-------|---------|
| Ion Ratio | 100  | Lower | Upper   |
| 82        | 100  |       |         |
| 128       | 41.4 | 32.2  | 48.4    |
| 54        | 45.6 | 35.8  | 53.6    |

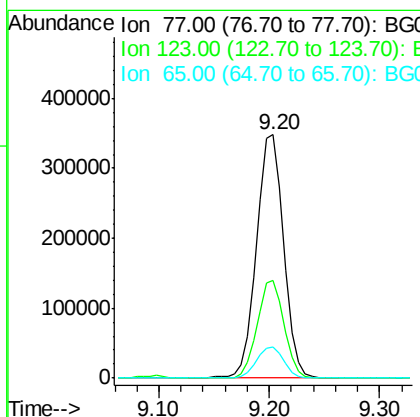
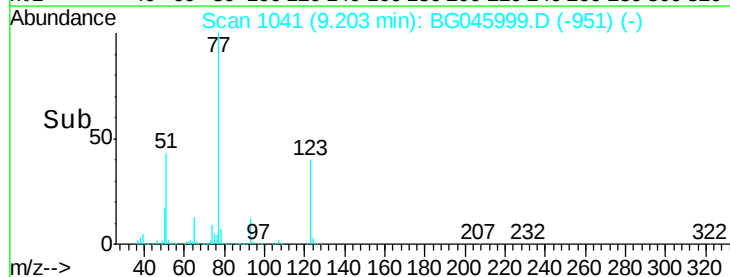
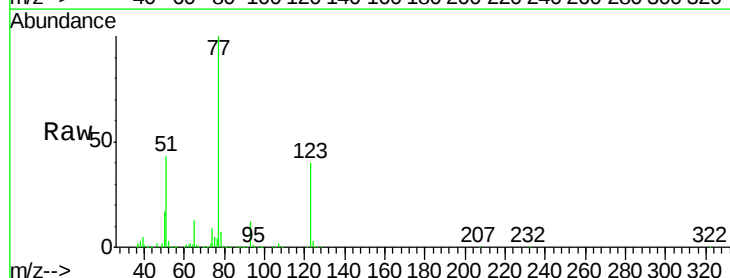
Manual Integrations  
 APPROVED

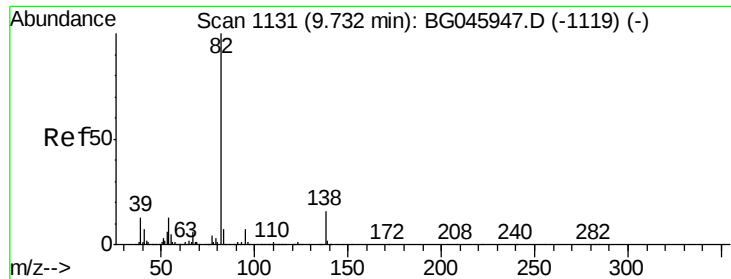
mohammad  
 7/13/2020 1:03:26 PM



#24  
 Nitrobenzene  
 Concen: 48.988 ng  
 RT: 9.20 min Scan# 1041  
 Delta R.T. -0.00 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

| Tgt Ion   | 77   | Resp  | 602505 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 100  |       |        |
| 123       | 40.3 | 32.7  | 49.1   |
| 65        | 12.6 | 10.2  | 15.4   |





#25

Isophorone

Concen: 41.757 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

ClientSampleId :

PB130037BS

Tot Ion: 82 Resp: 1135909

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

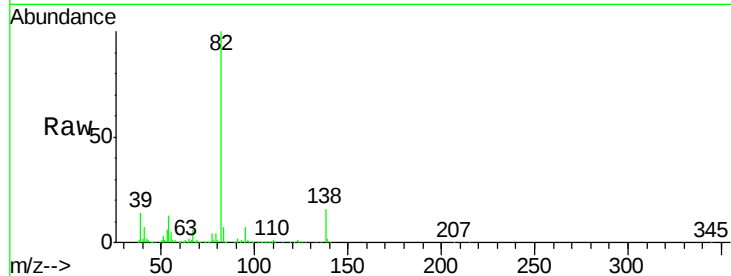
138 15.8 12.9 19.3

Manual Integrations

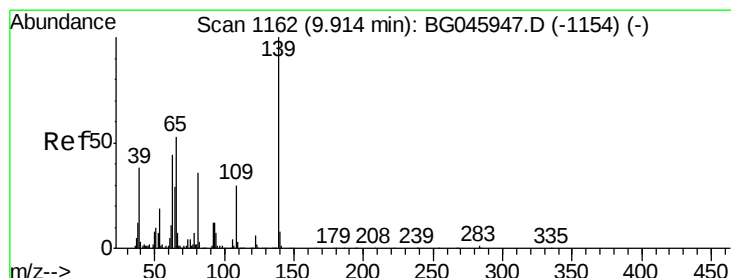
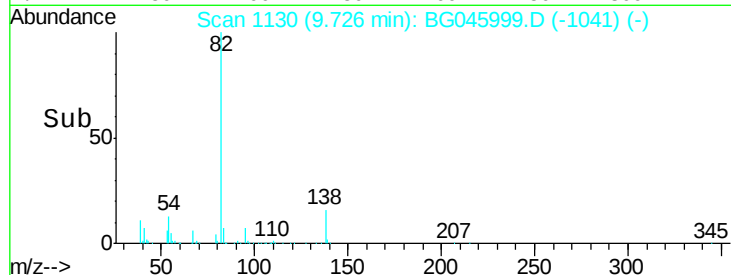
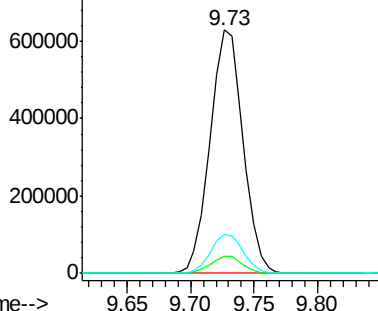
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Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 54.243 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

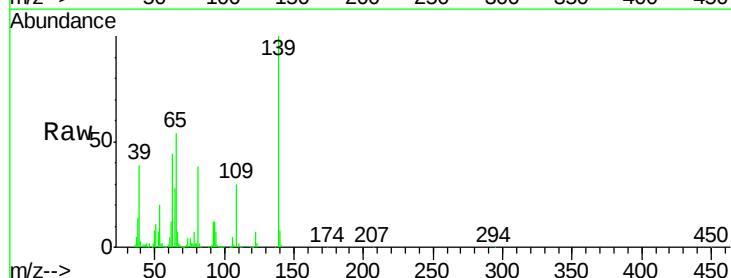
Tgt Ion: 139 Resp: 217448

Ion Ratio Lower Upper

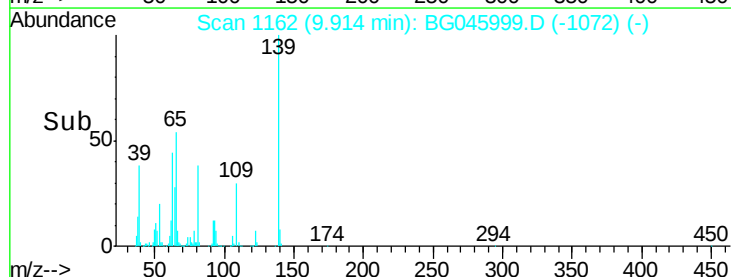
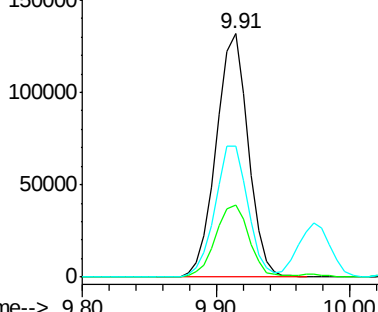
139 100

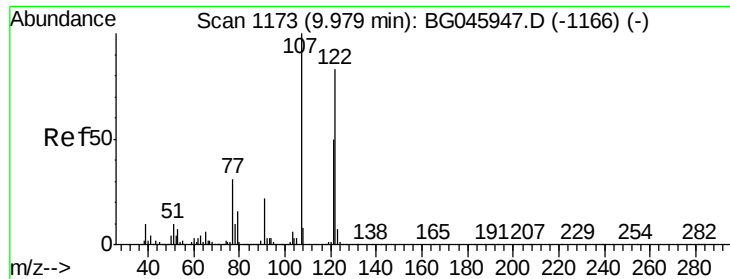
109 29.7 24.6 37.0

65 54.0 42.6 64.0



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





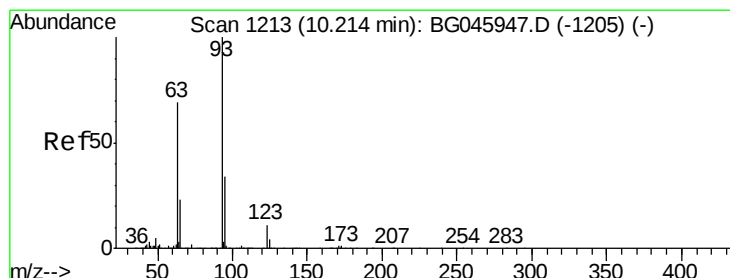
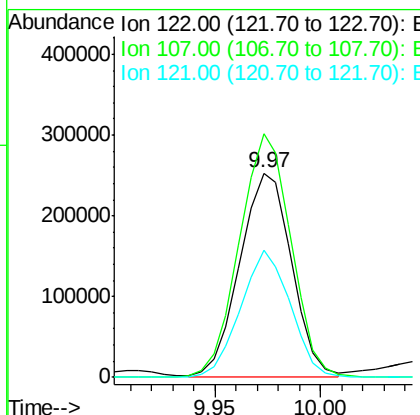
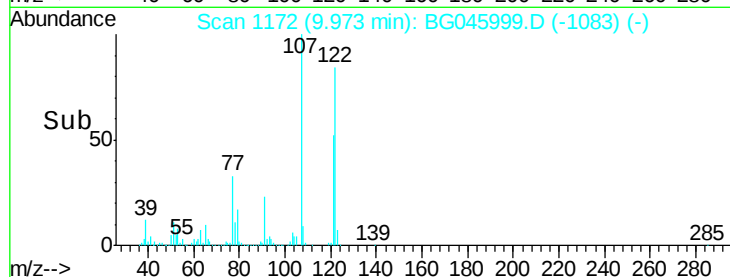
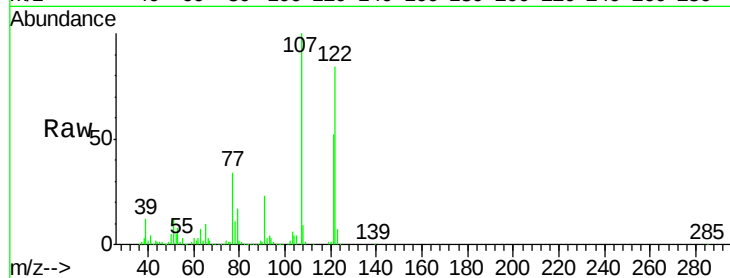
#27  
 2,4-Dimethylphenol  
 Concen: 44.260 ng  
 RT: 9.97 min Scan# 1172  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 107     | 119.3 | 95.6 | 143.4 |       |
| 121     | 62.5  | 47.7 | 71.5  |       |

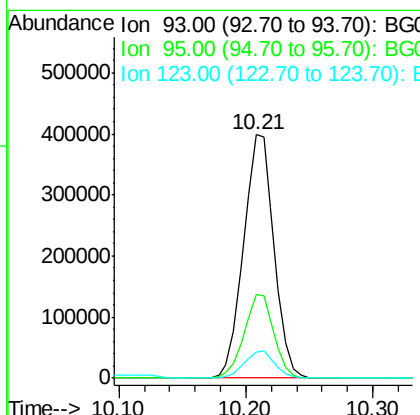
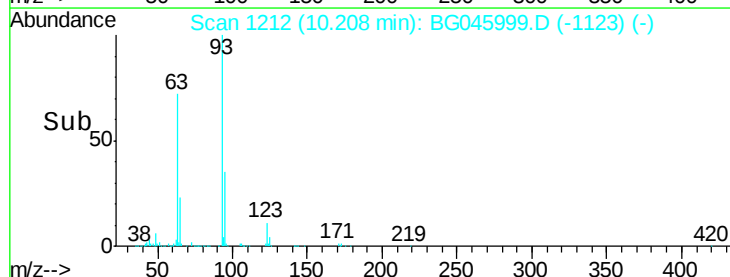
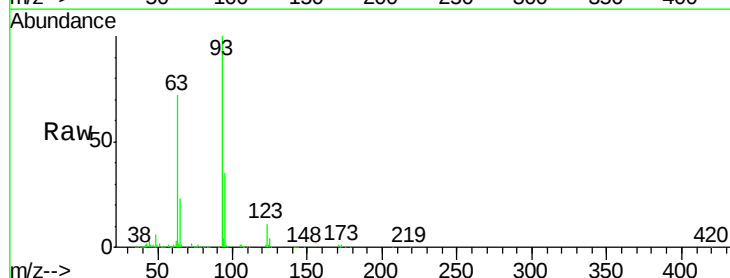
Manual Integrations  
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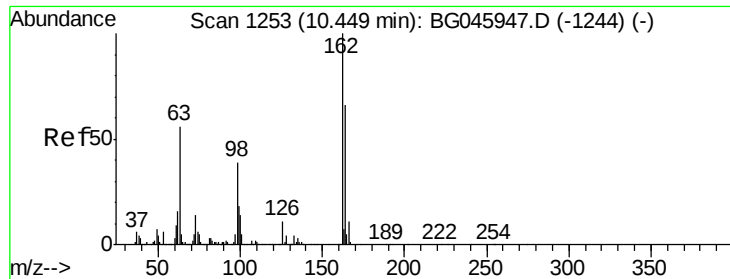
mohammad  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.452 ng  
 RT: 10.21 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 95      | 34.6  | 27.5 | 41.3  |       |
| 123     | 10.9  | 9.2  | 13.8  |       |





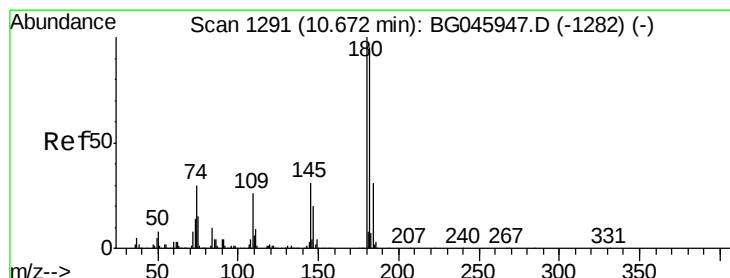
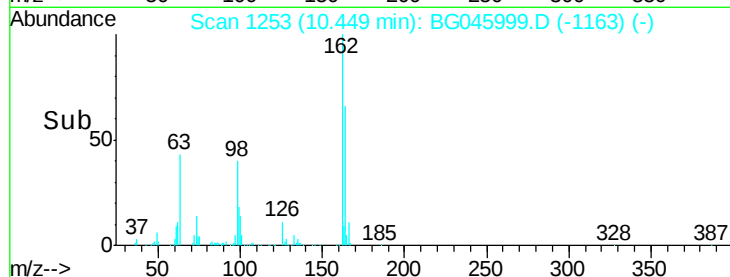
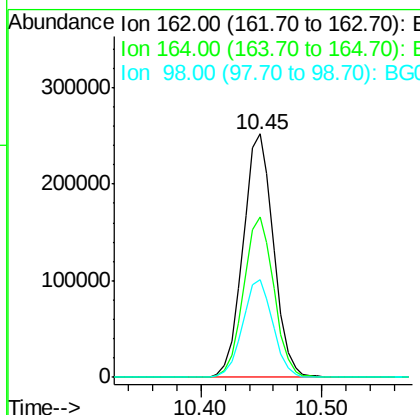
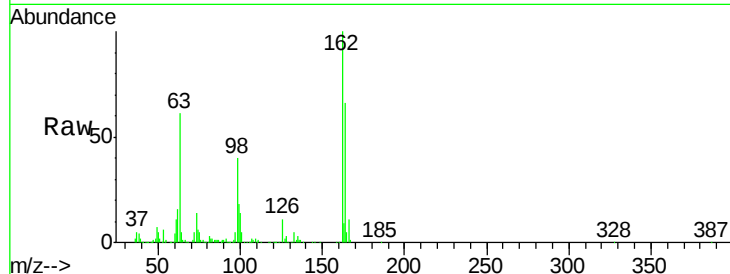
#29  
2,4-Dichlorophenol  
Concen: 44.143 ng  
RT: 10.45 min Scan# 1253  
Delta R.T. -0.00 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 442470 |       |       |
| 164     | 65.9  | 46.0   | 86.0  |       |
| 98      | 40.0  | 19.2   | 59.2  |       |

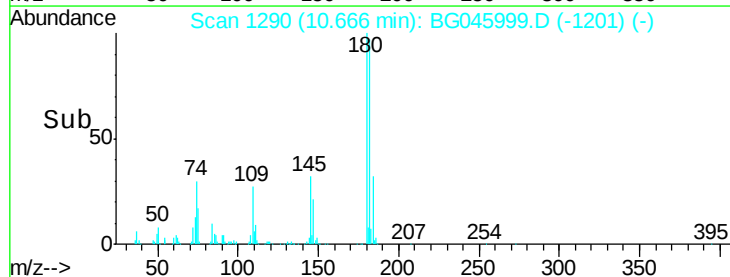
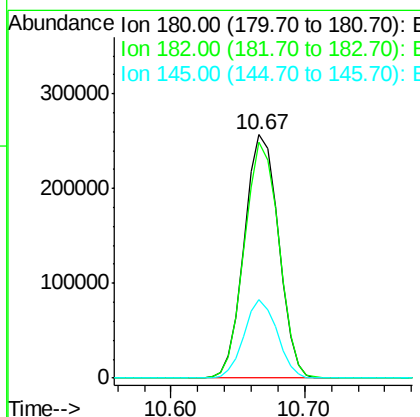
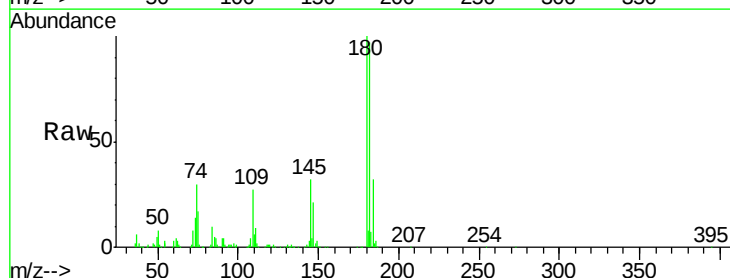
Manual Integrations  
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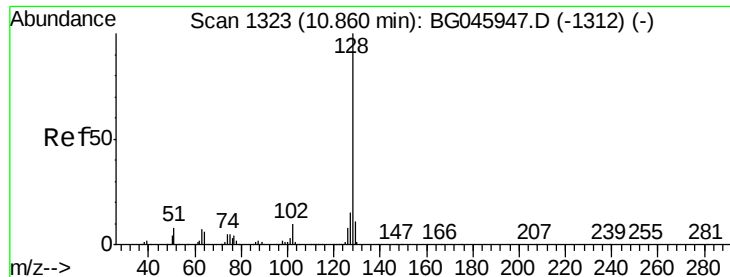
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 41.089 ng  
RT: 10.67 min Scan# 1290  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 456337 |       |       |
| 182     | 96.8  | 76.3   | 114.5 |       |
| 145     | 32.3  | 24.8   | 37.2  |       |





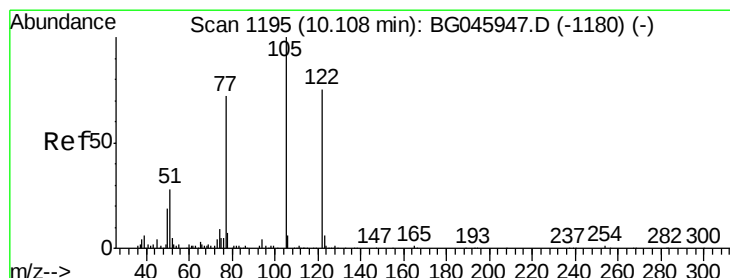
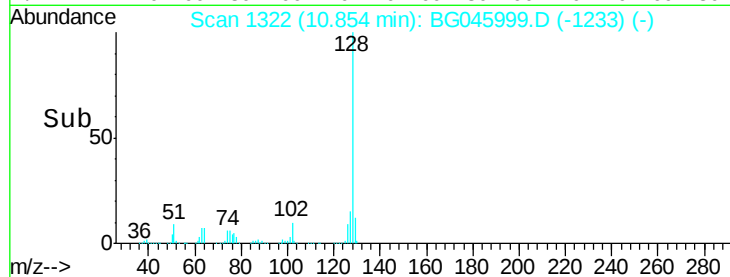
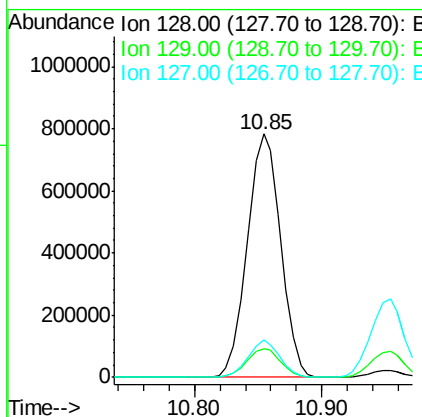
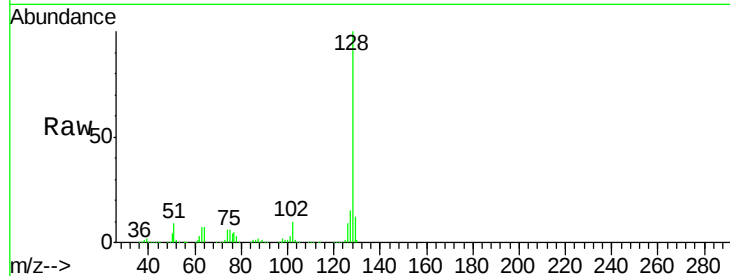
#31  
Naphthalene  
Concen: 41.631 ng  
RT: 10.85 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.8  | 9.2   | 13.8  |
| 127     | 15.5  | 11.8  | 17.6  |

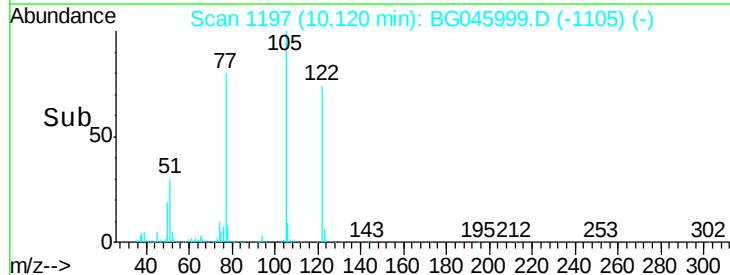
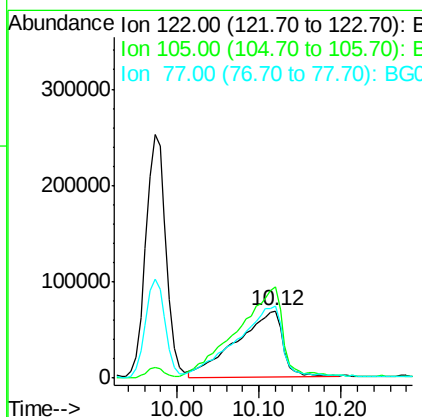
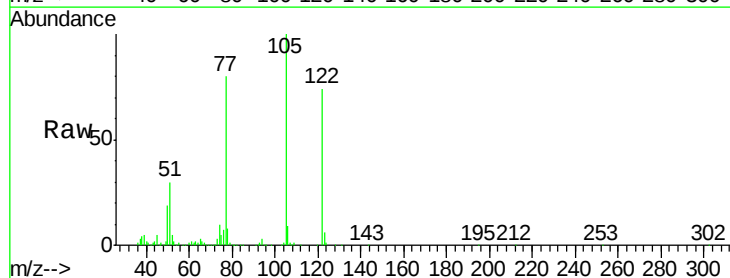
Manual Integrations  
APPROVED

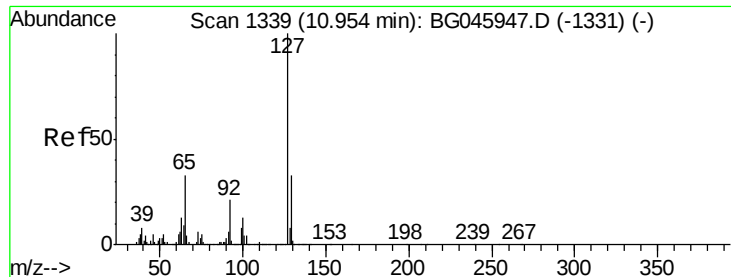
mohammad  
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#32  
Benzoic acid  
Concen: 45.858 ng  
RT: 10.12 min Scan# 1197  
Delta R.T. 0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 134.3 | 110.8 | 150.8 |
| 77      | 107.0 | 76.4  | 116.4 |





#33

4-Chloroaniline

Concen: 29.819 ng

RT: 10.95 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

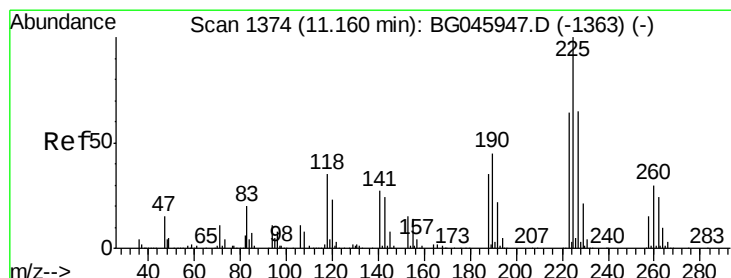
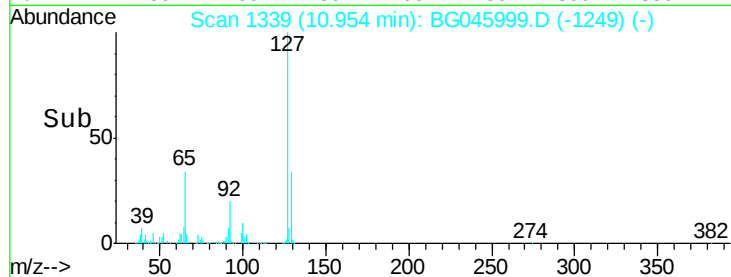
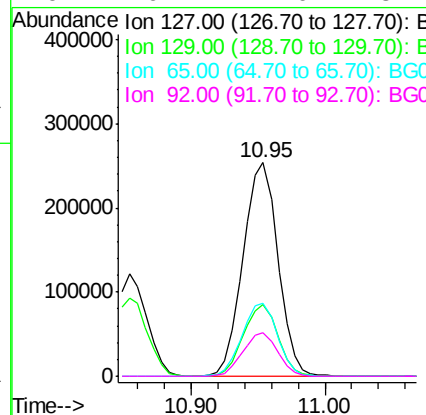
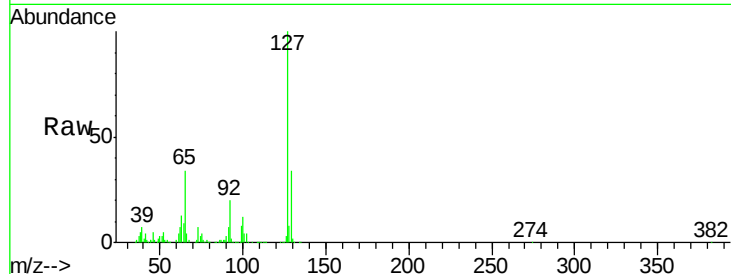
ClientSampleId :

PB130037BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 33.7  | 26.6 | 39.8  |       |
| 65      | 34.2  | 26.8 | 40.2  |       |
| 92      | 20.2  | 17.0 | 25.4  |       |

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#34

Hexachlorobutadiene

Concen: 39.768 ng

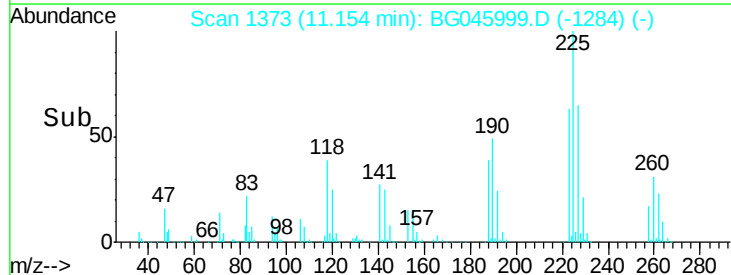
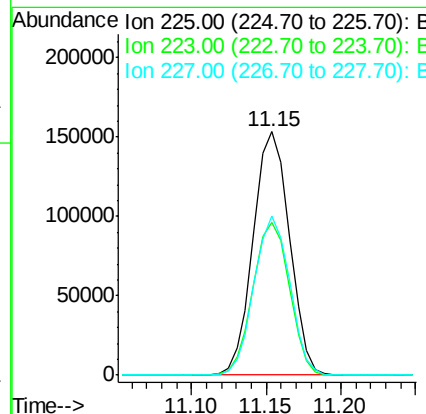
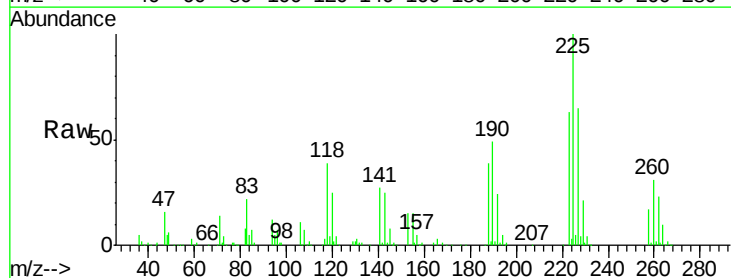
RT: 11.15 min Scan# 1373

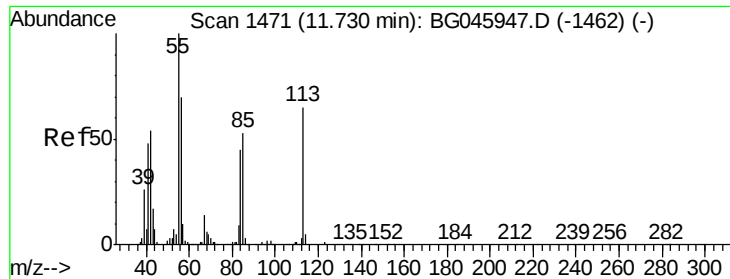
Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.0  | 51.2 | 76.8  |       |
| 227     | 65.4  | 52.3 | 78.5  |       |





#35

Caprolactam

Concen: 44.298 ng/ml

RT: 11.72 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

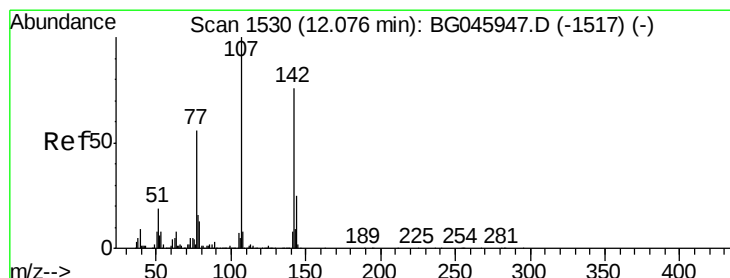
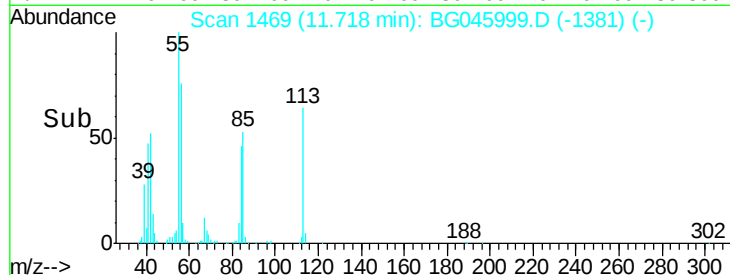
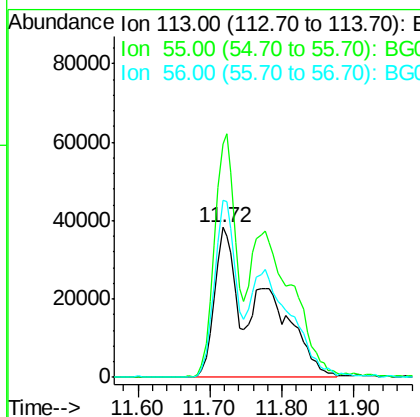
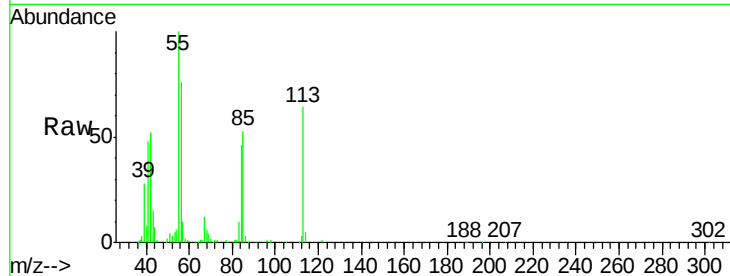
ClientSampleId :

PB130037BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 168582 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 155.9 | 141.6 | 181.6  |
| 56        | 118.0 | 89.6  | 129.6  |

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#36

4-Chloro-3-methylphenol

Concen: 45.236 ng/ml

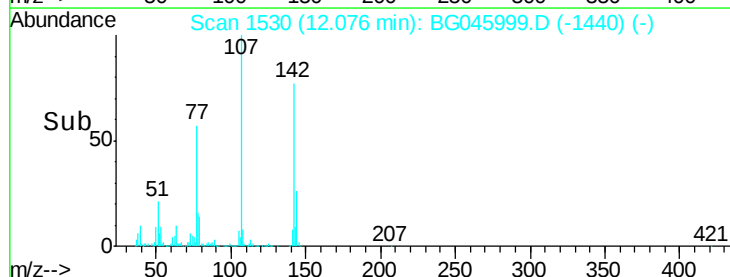
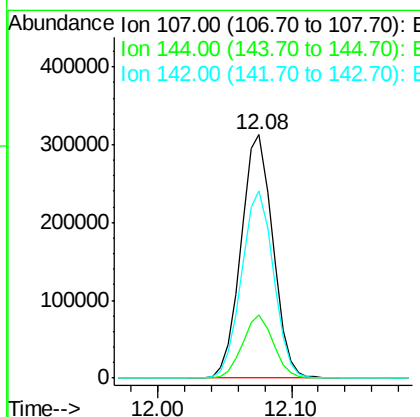
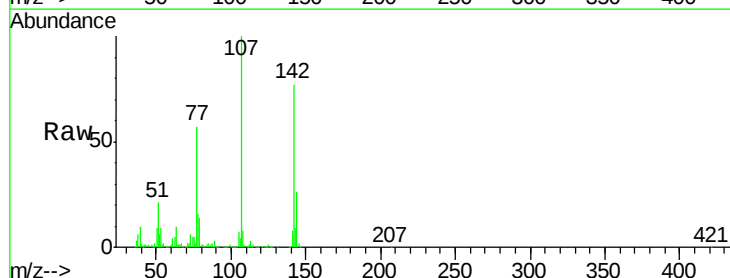
RT: 12.08 min Scan# 1530

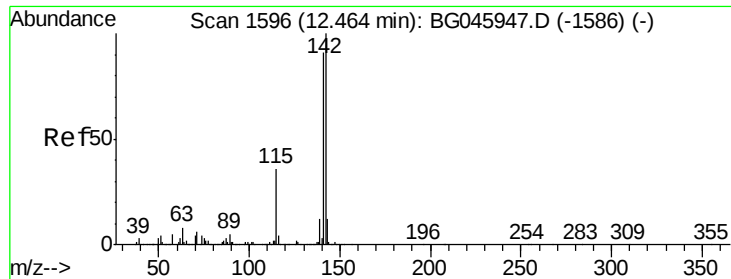
Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 516424 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 25.9  | 20.0  | 30.0   |
| 142       | 76.9  | 61.1  | 91.7   |





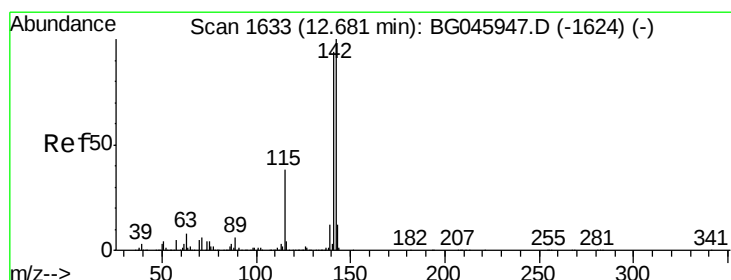
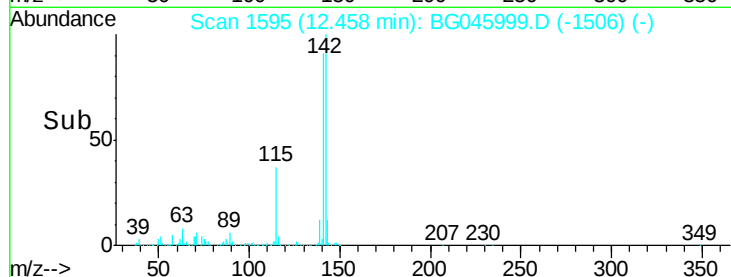
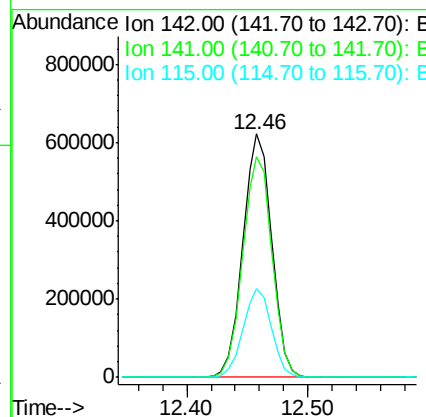
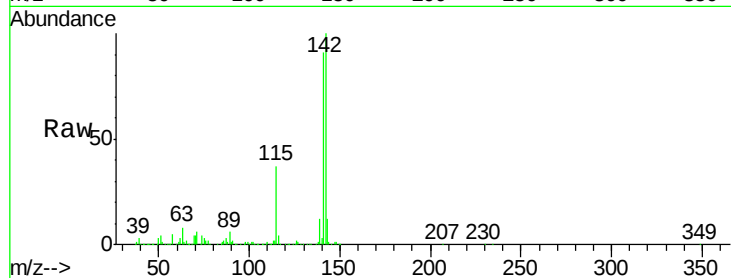
#37  
2-Methylnaphthalene  
Concen: 42.319 ng  
RT: 12.46 min Scan# 1595  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 73.0  | 109.6 |
| 115     | 36.7  | 28.8  | 43.2  |

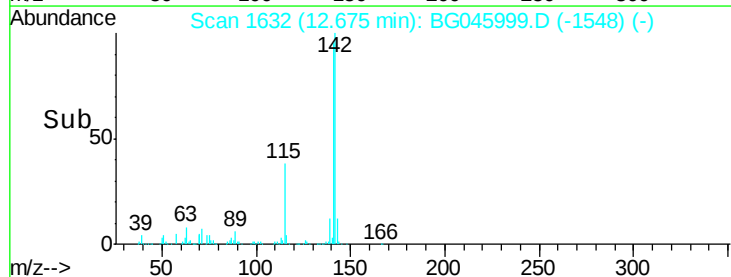
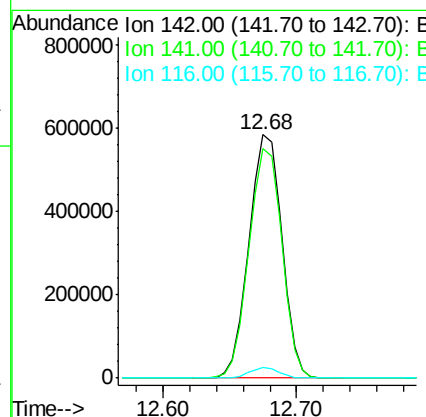
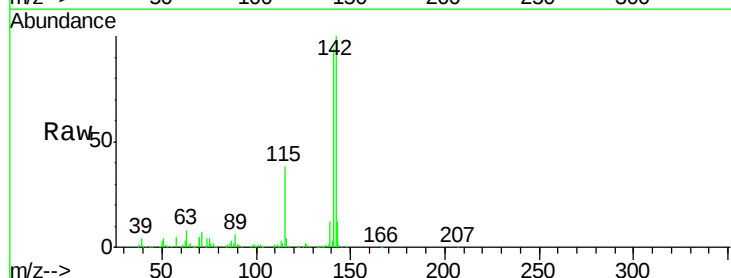
Manual Integrations  
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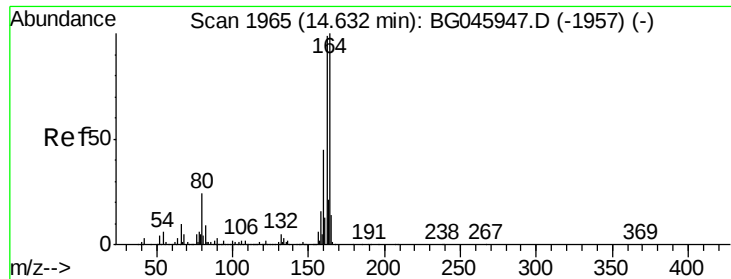
mohammad  
7/13/2020 1:03:26 PM



#38  
1-Methylnaphthalene  
Concen: 43.180 ng  
RT: 12.68 min Scan# 1632  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.5  | 75.2  | 112.8 |
| 116     | 4.4   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

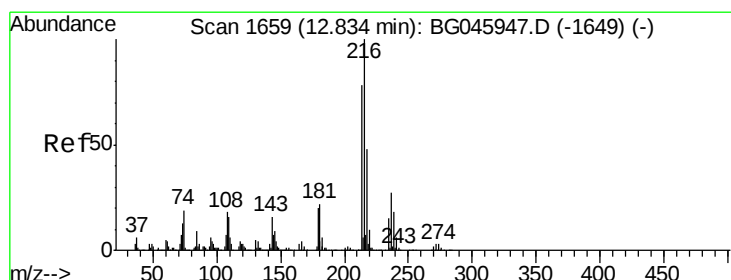
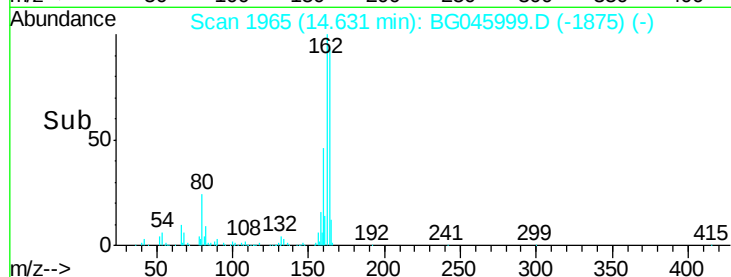
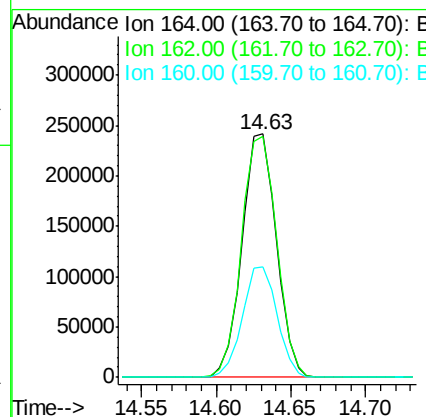
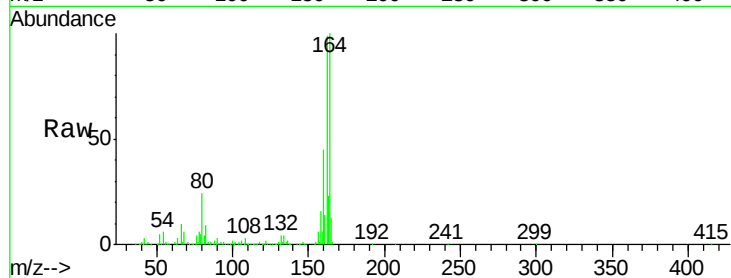
ClientSampleId :

PB130037BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 385348 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.2  | 79.3  | 118.9  |
| 160       | 45.3  | 35.7  | 53.5   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.696 ng

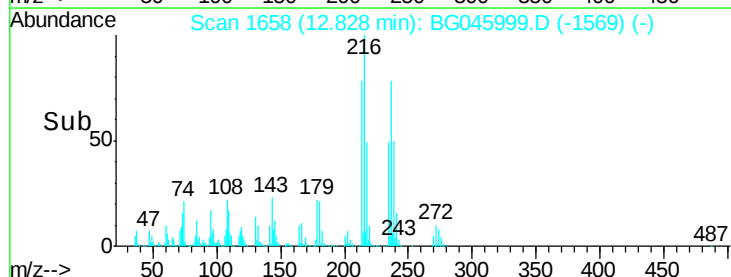
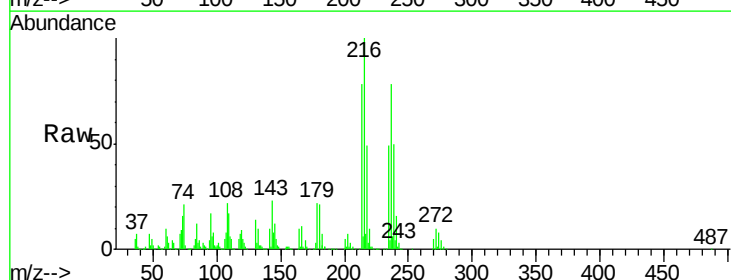
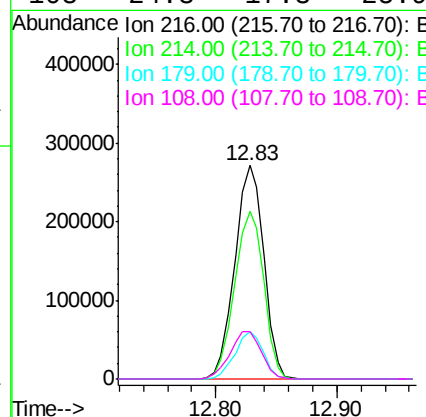
RT: 12.83 min Scan# 1658

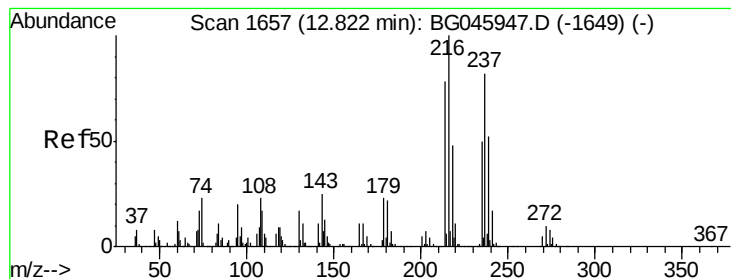
Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 452928 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.1  | 63.0  | 94.4   |
| 179       | 21.5  | 17.0  | 25.6   |
| 108       | 24.3  | 17.3  | 25.9   |





#41

Hexachlorocyclopentadiene

Concen: 83.389 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

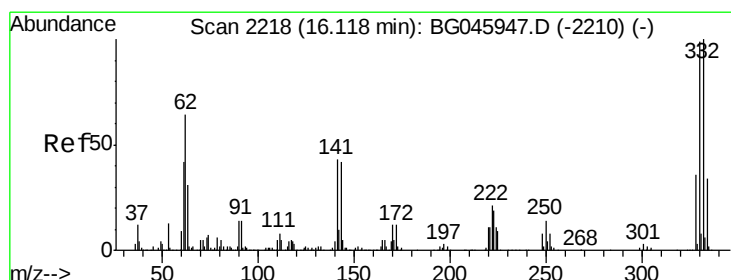
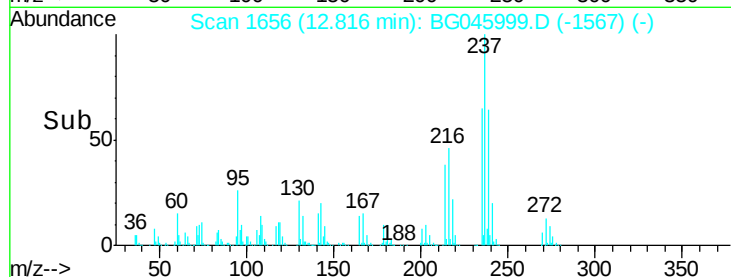
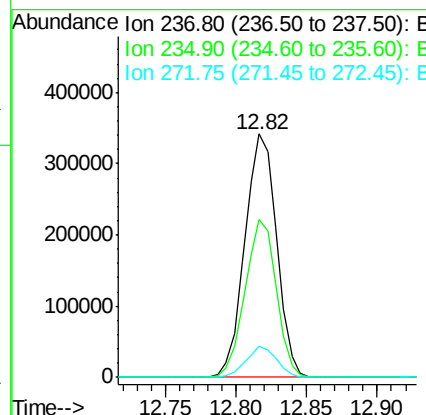
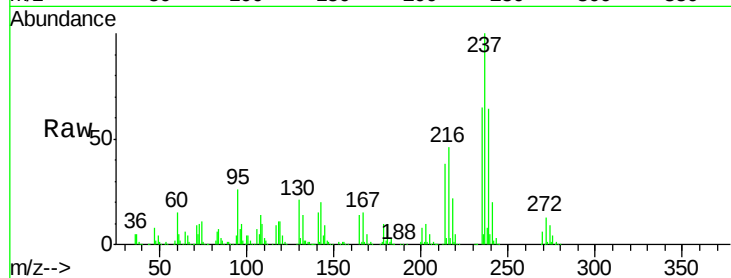
ClientSampleId :

PB130037BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 537484 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 64.6  | 41.5  | 81.5   |
| 272       | 12.7  | 0.0   | 31.7   |

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#42

2,4,6-Tribromophenol

Concen: 147.519 ng

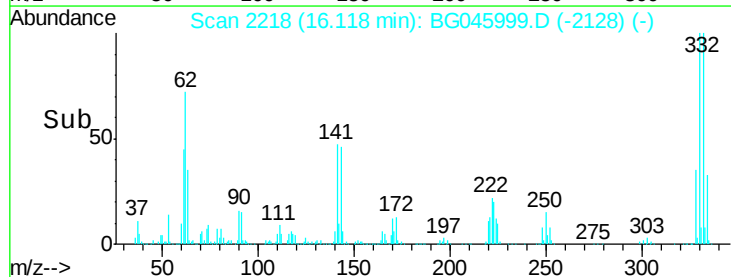
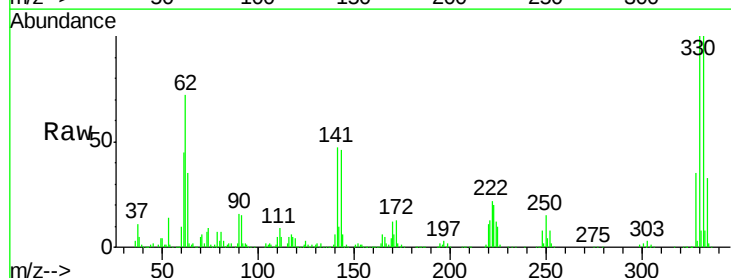
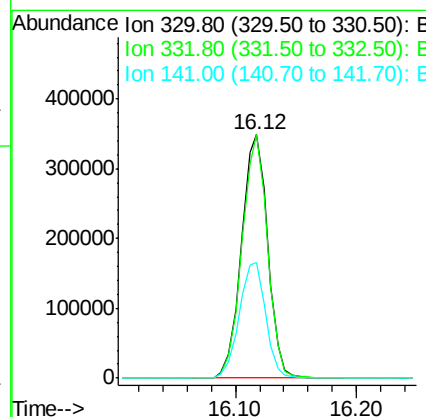
RT: 16.12 min Scan# 2218

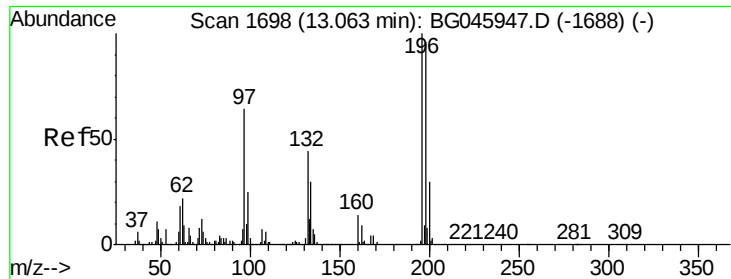
Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 527593 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.2  | 78.3  | 117.5  |
| 141       | 47.8  | 36.6  | 54.8   |





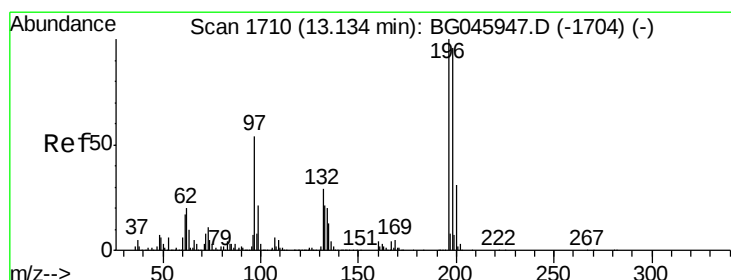
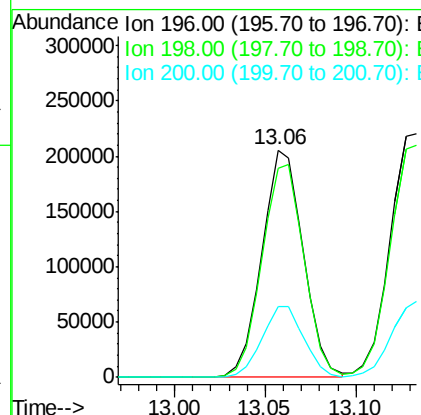
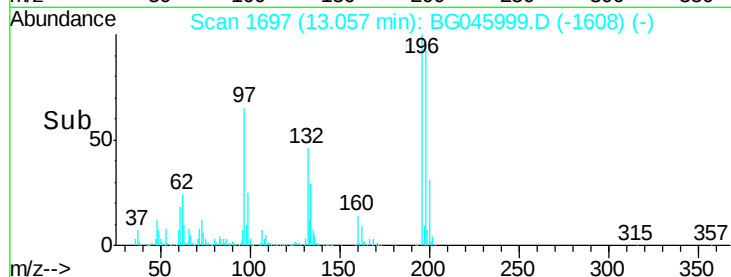
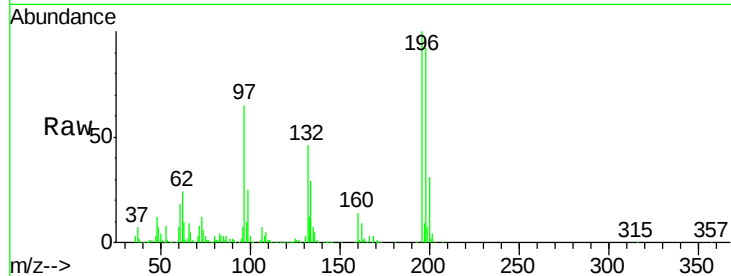
#43  
 2,4,6-Trichlorophenol  
 Concen: 44.705 ng  
 RT: 13.06 min Scan# 1697  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 328422 |       |       |
| 198     | 92.1  | 76.7   | 115.1 |       |
| 200     | 31.4  | 24.3   | 36.5  |       |

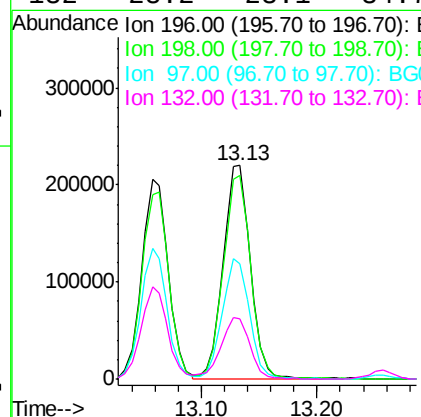
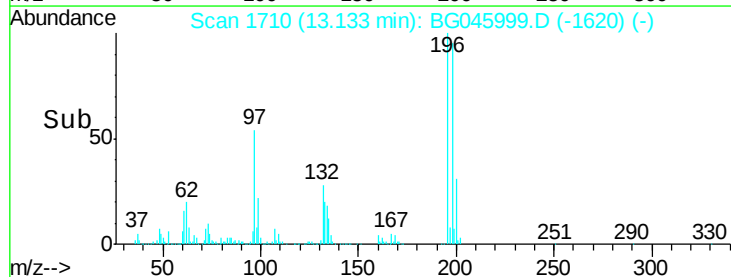
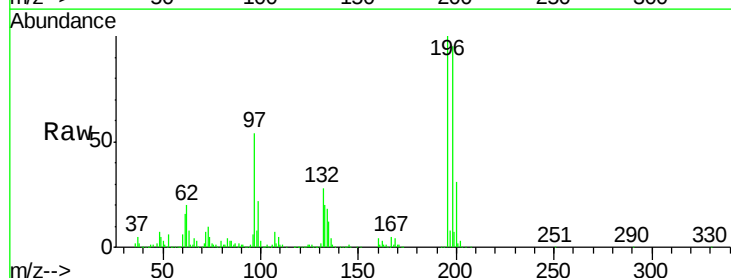
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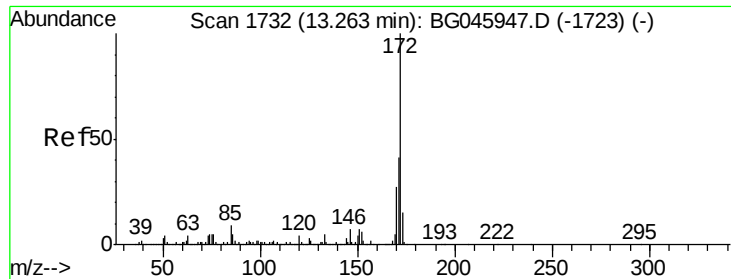
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 43.070 ng  
 RT: 13.13 min Scan# 1710  
 Delta R.T. -0.00 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 357752 |       |       |
| 198     | 95.1  | 77.0   | 115.6 |       |
| 97      | 54.1  | 44.3   | 66.5  |       |
| 132     | 28.2  | 23.1   | 34.7  |       |





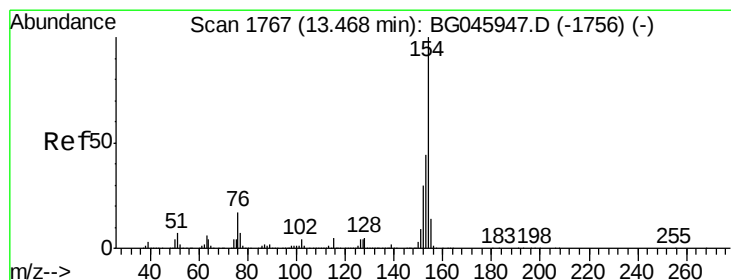
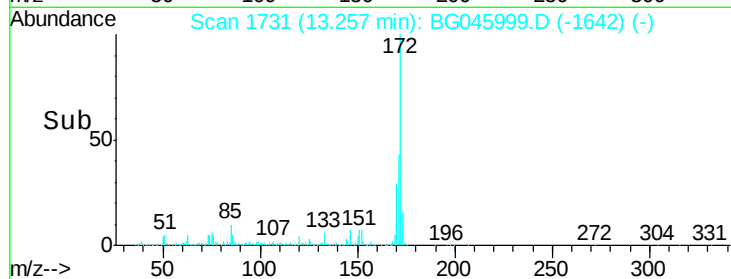
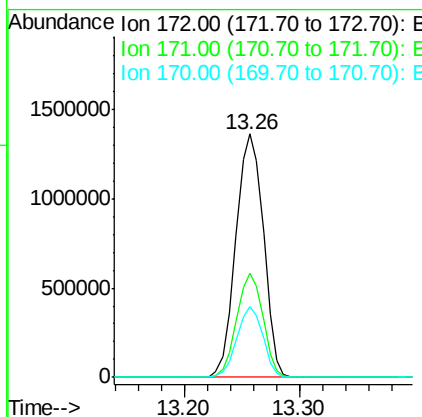
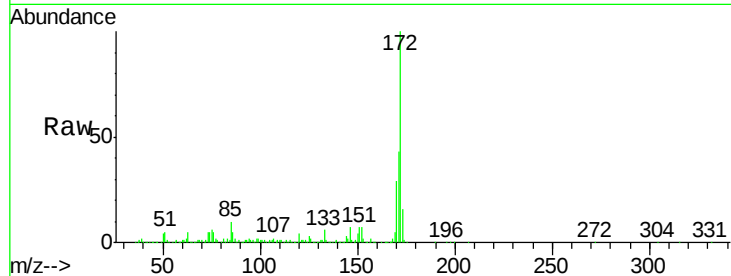
#45  
2-Fluorobiphenyl  
Concen: 91.245 ng  
RT: 13.26 min Scan# 1731  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 42.5  | 32.9  | 49.3  |
| 170     | 29.1  | 21.8  | 32.6  |

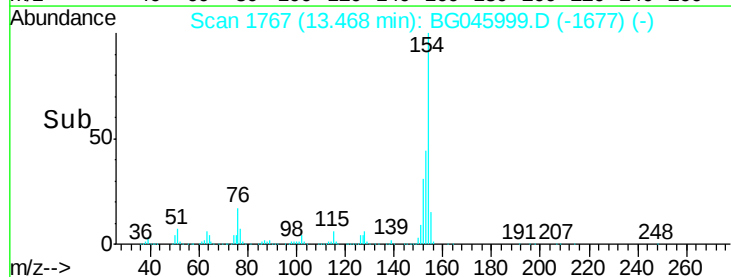
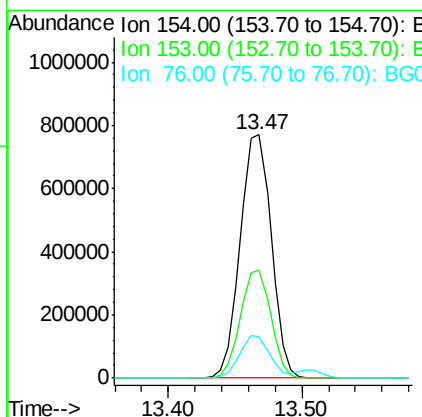
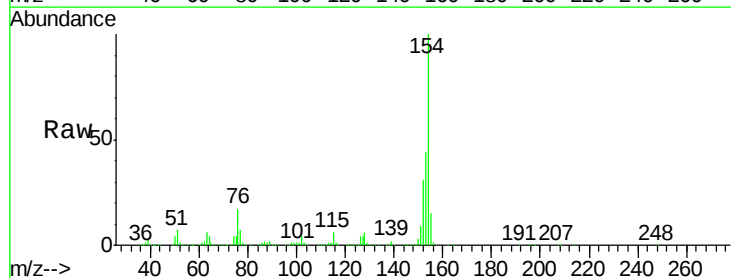
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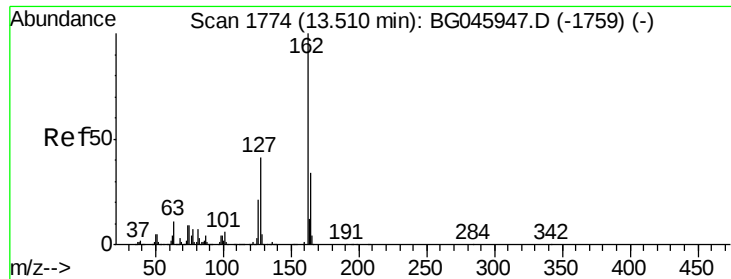
mohammad  
7/13/2020 1:03:26 PM



#46  
1,1'-Biphenyl  
Concen: 42.827 ng  
RT: 13.47 min Scan# 1767  
Delta R.T. -0.00 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 44.4  | 23.6  | 63.6  |
| 76      | 17.2  | 0.0   | 36.9  |





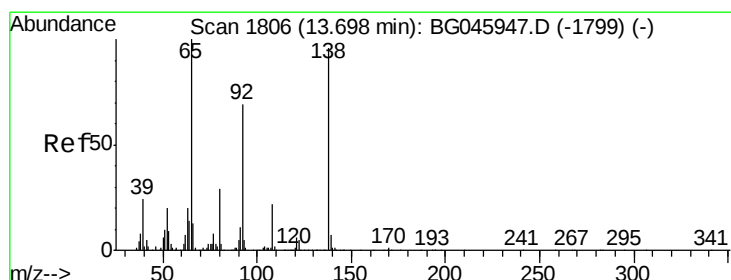
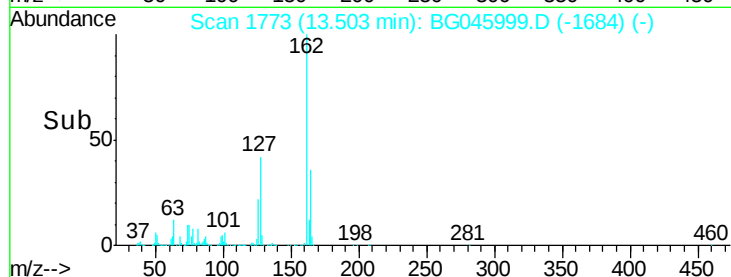
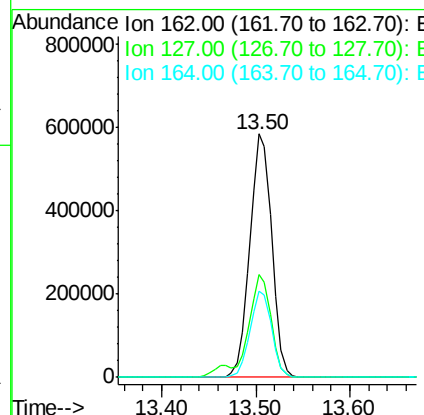
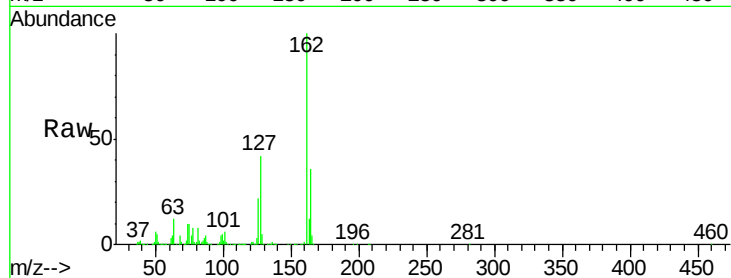
#47  
2-Chloronaphthalene  
Concen: 41.068 ng  
RT: 13.50 min Scan# 1773  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.0  | 32.5  | 48.7  |
| 164     | 35.6  | 27.2  | 40.8  |

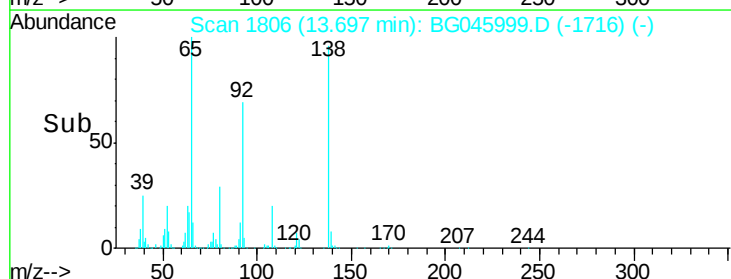
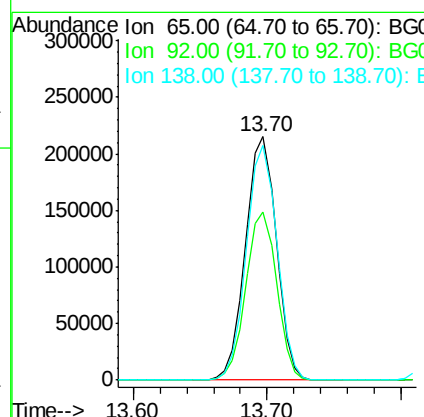
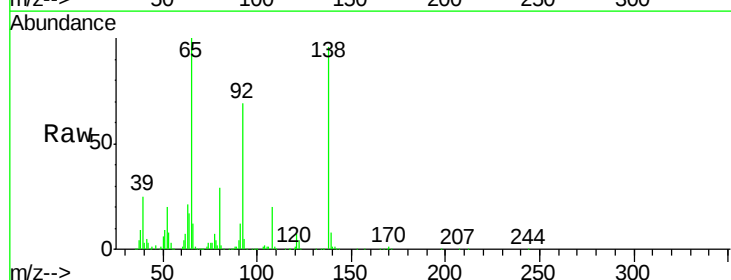
Manual Integrations  
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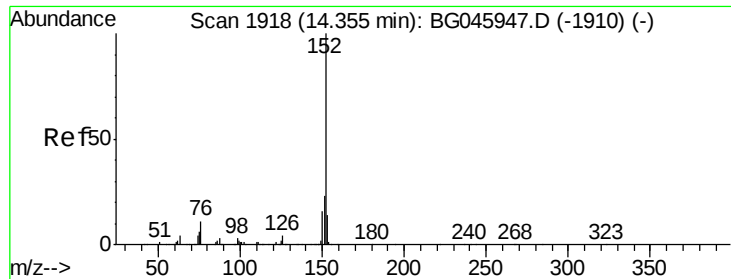
mohammad  
7/13/2020 1:03:26 PM



#48  
2-Nitroaniline  
Concen: 53.310 ng  
RT: 13.70 min Scan# 1806  
Delta R.T. 0.00 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.3  | 55.4  | 83.0  |
| 138     | 96.4  | 77.0  | 115.4 |





#49

Acenaphthylene

Concen: 41.707 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

ClientSampleId :

PB130037BS

Tot Ion:152 Resp: 1539071

Ion Ratio Lower Upper

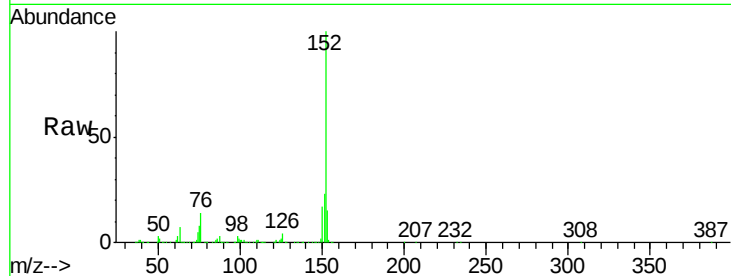
152 100

151 23.3 18.1 27.1

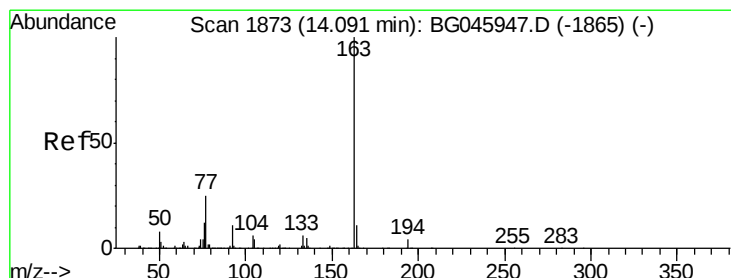
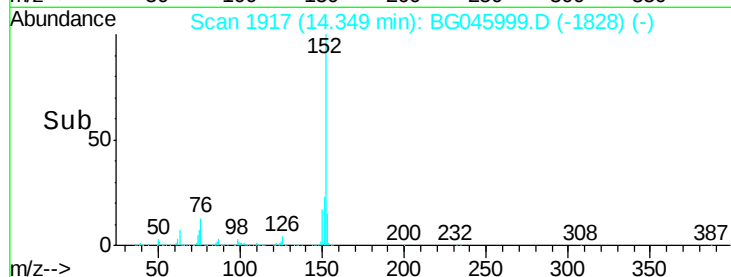
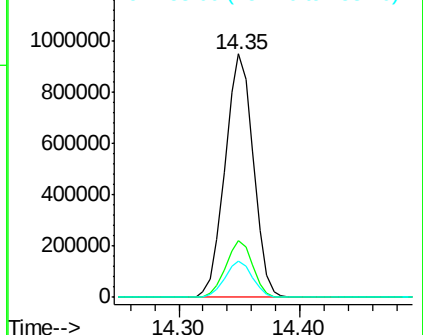
153 14.8 11.5 17.3

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



#50

Dimethylphthalate

Concen: 41.641 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

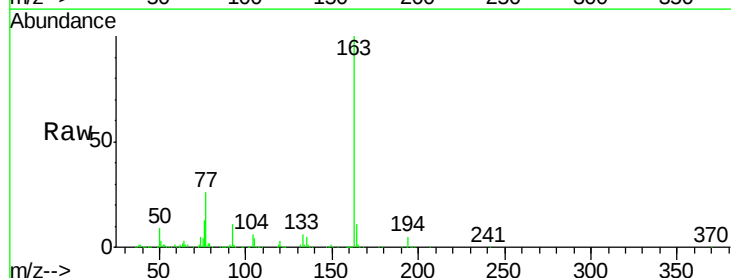
Tgt Ion:163 Resp: 1204243

Ion Ratio Lower Upper

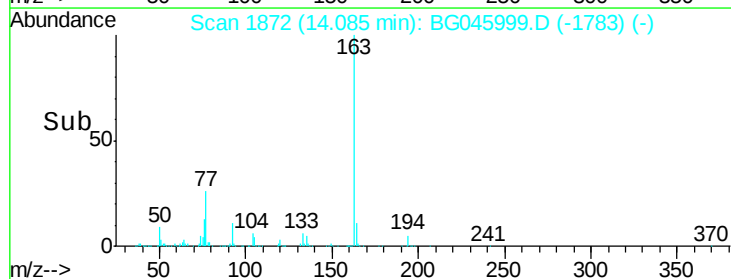
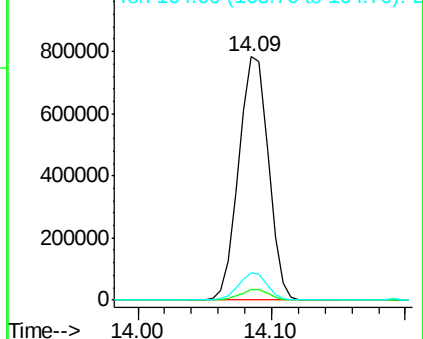
163 100

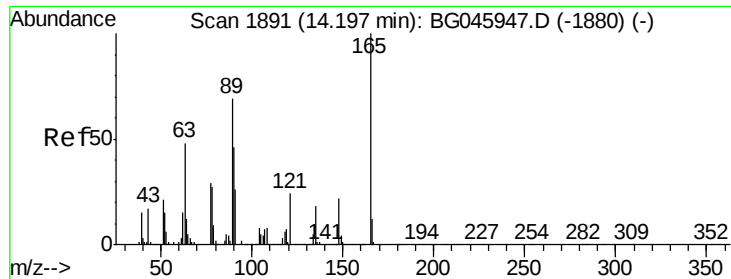
194 4.6 3.6 5.4

164 11.4 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





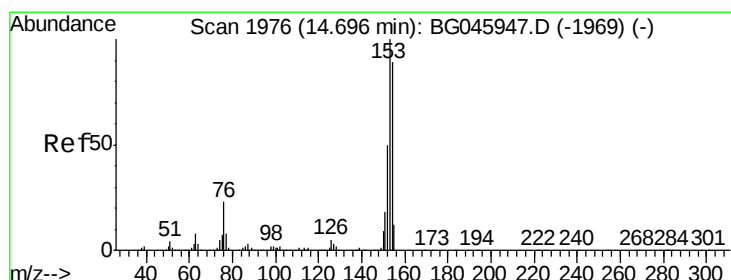
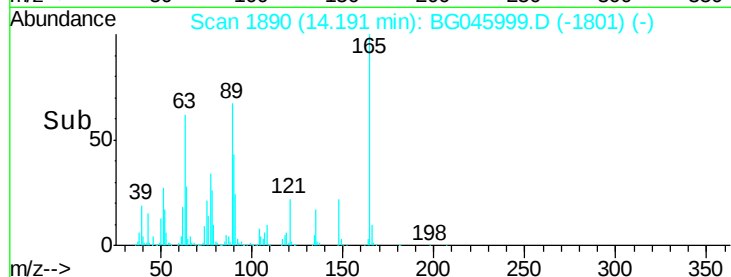
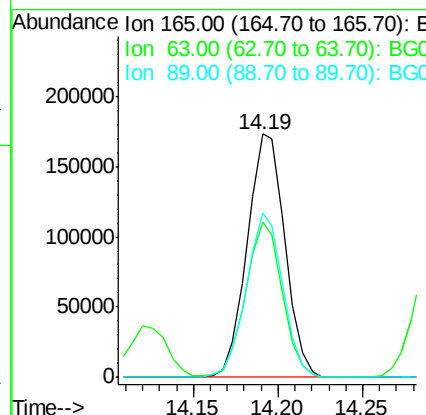
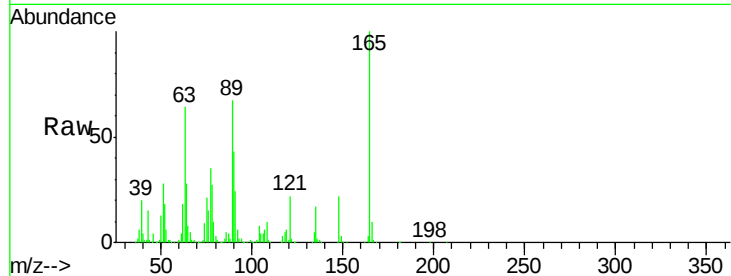
#51  
 2,6-Dinitrotoluene  
 Concen: 51.494 ng  
 RT: 14.19 min Scan# 1890  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 267692 |       |       |
| 63      | 63.6  | 51.0   | 76.4  |       |
| 89      | 67.5  | 55.7   | 83.5  |       |

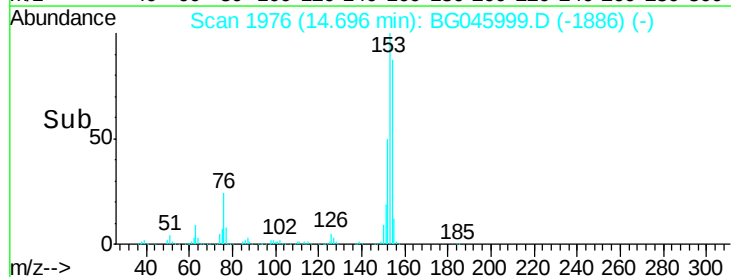
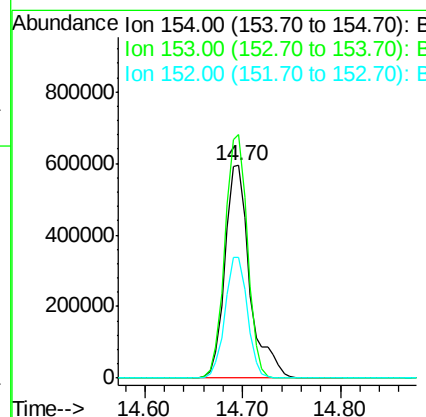
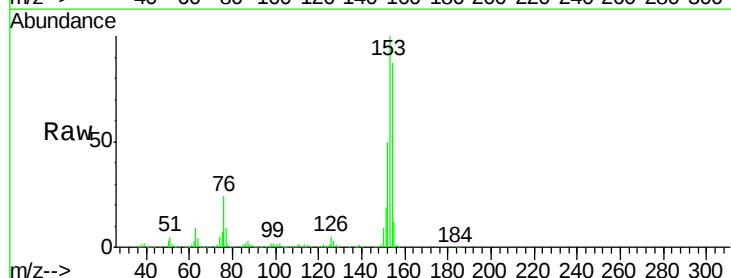
Manual Integrations  
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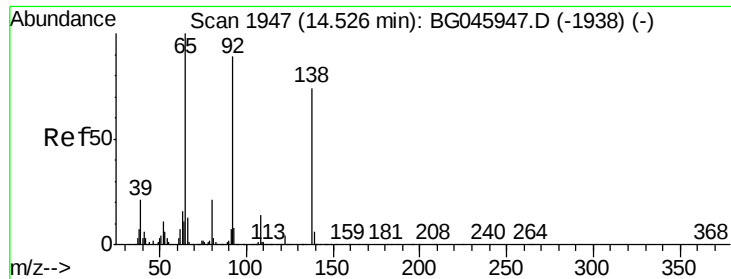
mohammad  
 7/13/2020 1:03:26 PM



#52  
 Acenaphthene  
 Concen: 45.250 ng  
 RT: 14.70 min Scan# 1976  
 Delta R.T. -0.00 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1053251 |       |       |
| 153     | 114.6 | 89.7    | 134.5 |       |
| 152     | 57.0  | 44.7    | 67.1  |       |





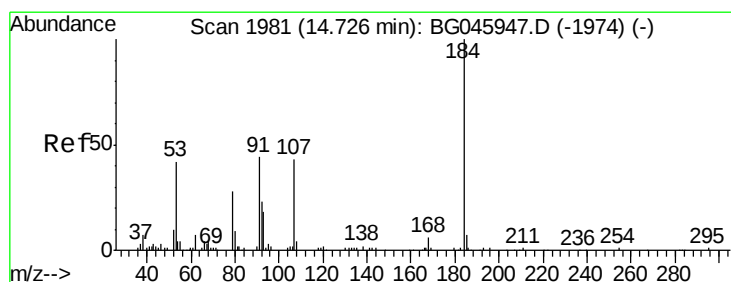
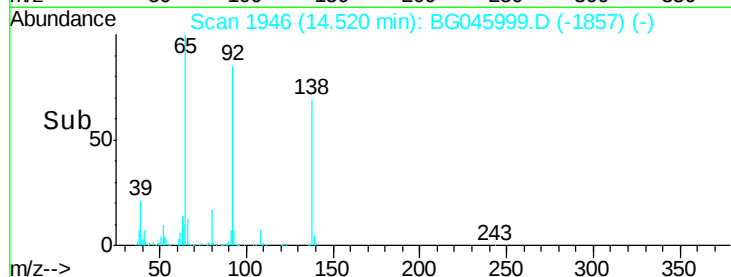
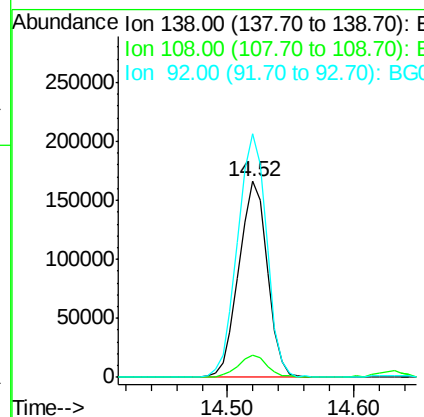
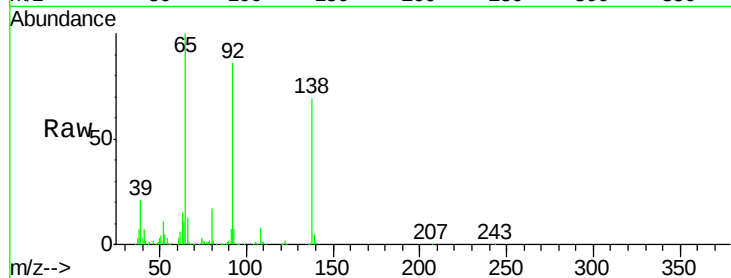
#53  
3-Nitroaniline  
Concen: 41.111 ng  
RT: 14.52 min Scan# 1946  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.3  | 15.4  | 23.2# |
| 92      | 124.1 | 95.9  | 143.9 |

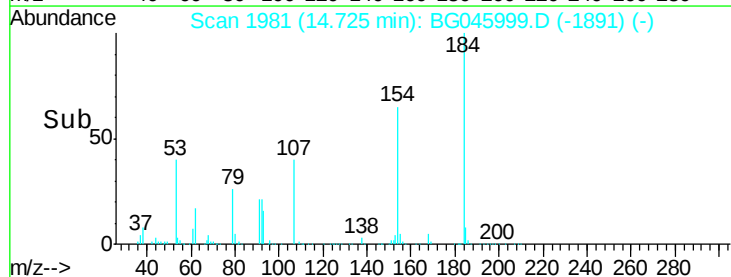
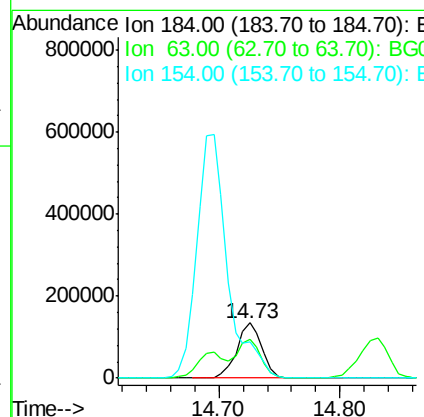
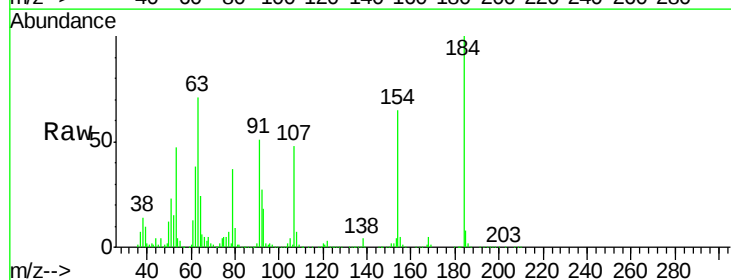
Manual Integrations  
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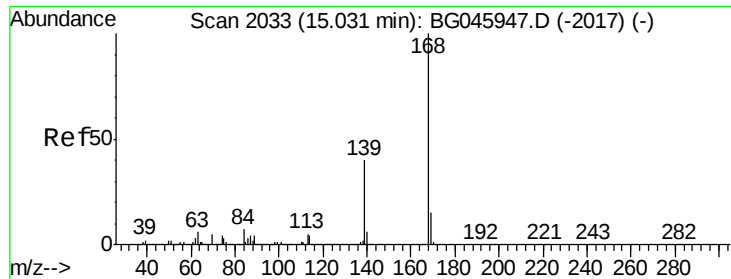
mohammad  
7/13/2020 1:03:26 PM



#54  
2,4-Dinitrophenol  
Concen: 99.567 ng  
RT: 14.73 min Scan# 1981  
Delta R.T. 0.00 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 70.9  | 46.0  | 69.0# |
| 154     | 65.3  | 58.2  | 87.2  |





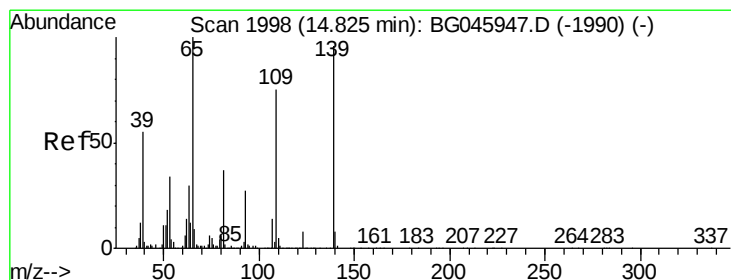
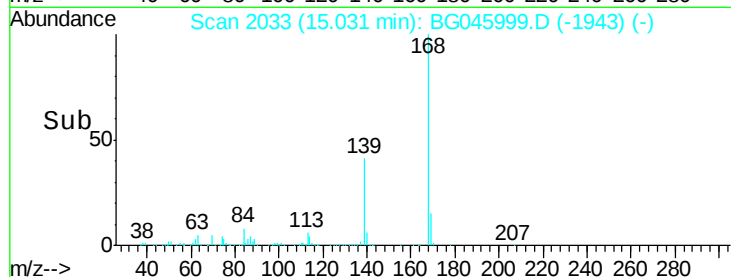
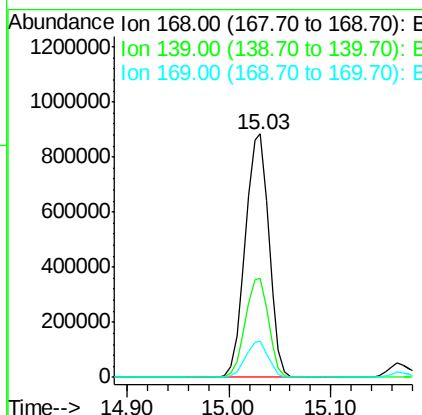
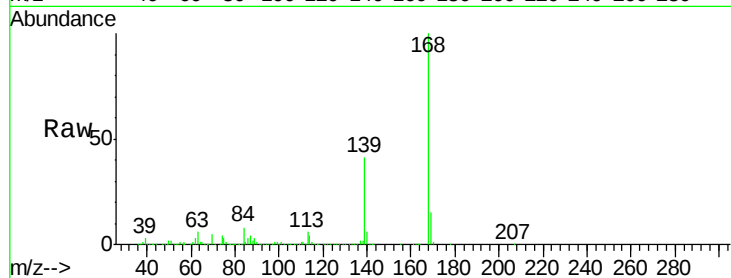
#55  
Dibenzofuran  
Concen: 41.670 ng  
RT: 15.03 min Scan# 2033  
Delta R.T. -0.00 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

Tot Ion:168 Resp: 1421770  
Ion Ratio Lower Upper  
168 100  
139 40.9 32.2 48.2  
169 14.9 11.8 17.8

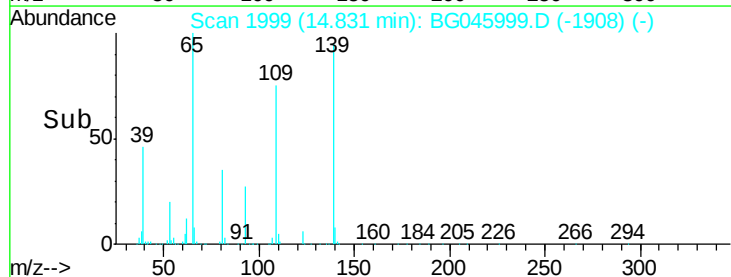
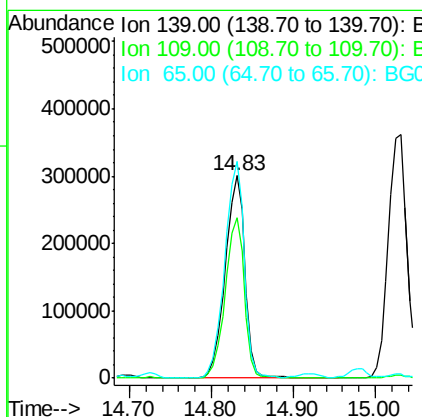
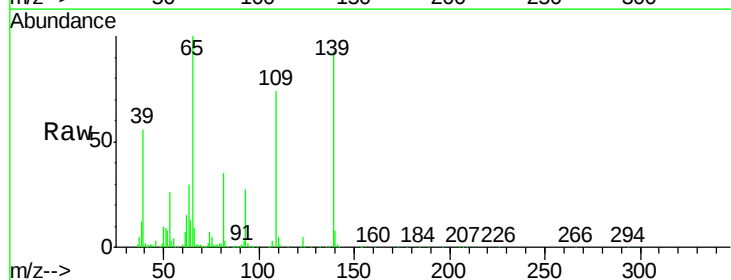
Manual Integrations  
APPROVED

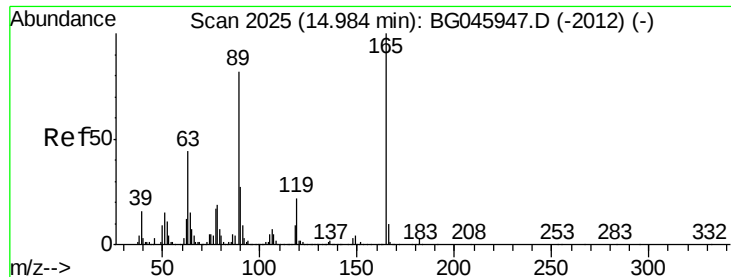
mohammad  
7/13/2020 1:03:26 PM



#56  
4-Nitrophenol  
Concen: 106.413 ng  
RT: 14.83 min Scan# 1999  
Delta R.T. 0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Tgt Ion:139 Resp: 501373  
Ion Ratio Lower Upper  
139 100  
109 79.4 58.5 98.5  
65 107.2 84.7 124.7





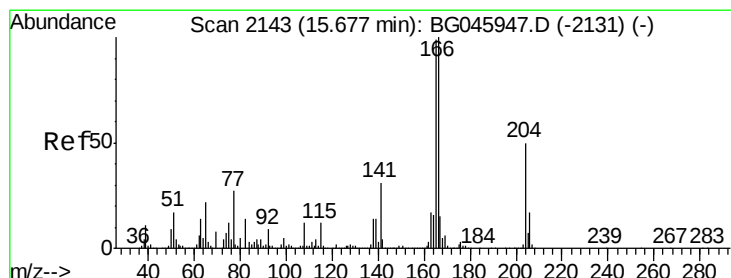
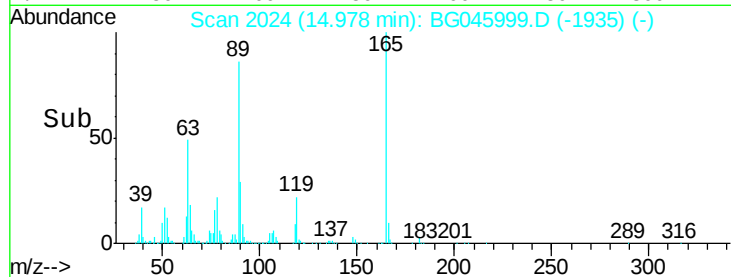
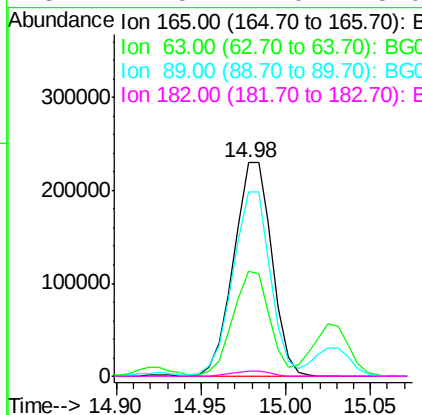
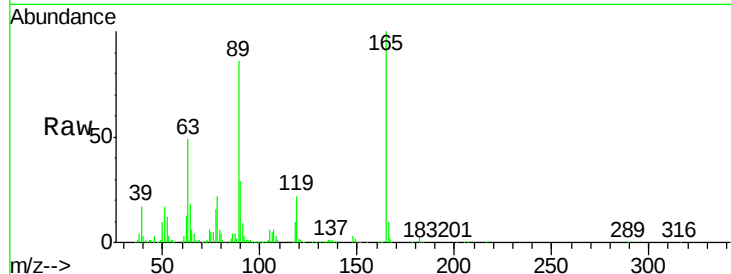
#57  
 2,4-Dinitrotoluene  
 Concen: 53.952 ng  
 RT: 14.98 min Scan# 2024  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 361688 |       |       |
| 63      | 49.0  |        | 35.4  | 53.0  |
| 89      | 86.3  |        | 65.4  | 98.2  |
| 182     | 2.5   |        | 2.0   | 3.0   |

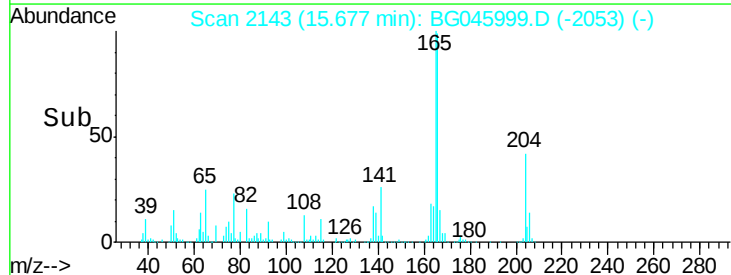
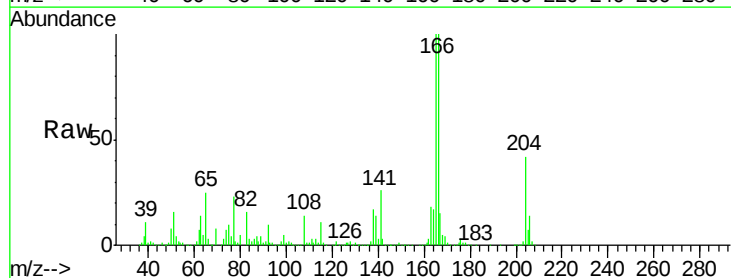
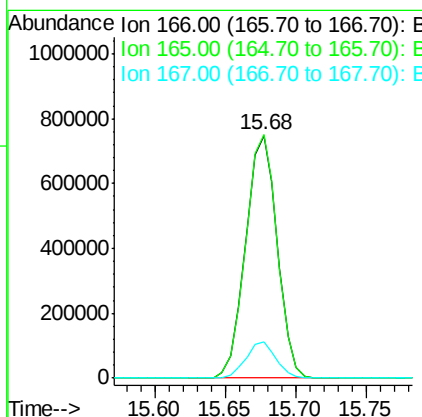
Manual Integrations  
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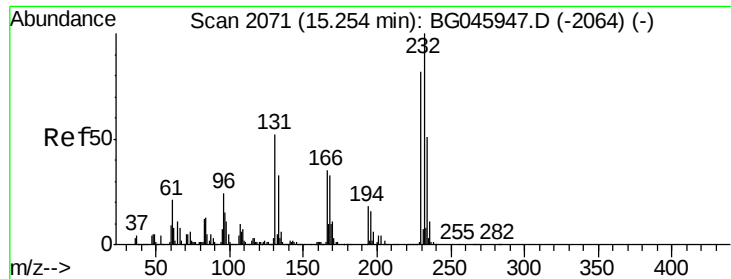
mohammad  
 7/13/2020 1:03:26 PM



#58  
 Fluorene  
 Concen: 41.733 ng  
 RT: 15.68 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1168112 |       |       |
| 165     | 100.4 |         | 78.9  | 118.3 |
| 167     | 15.1  |         | 12.1  | 18.1  |





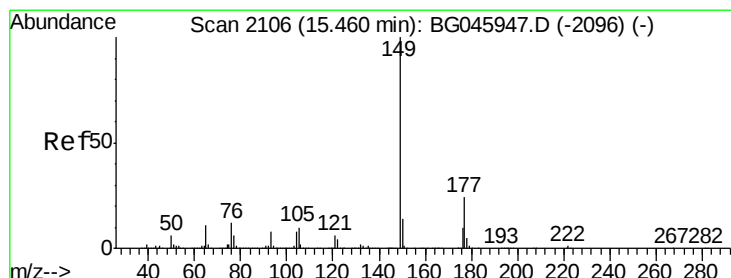
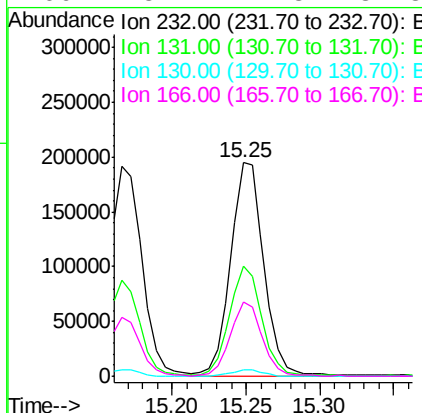
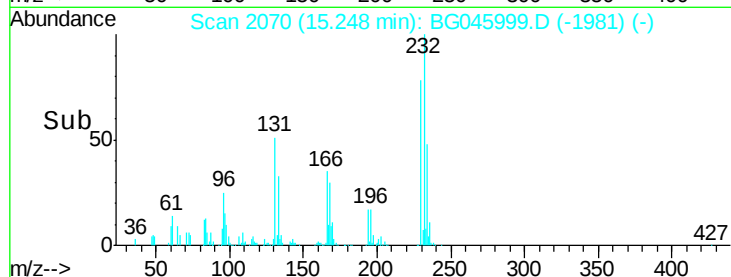
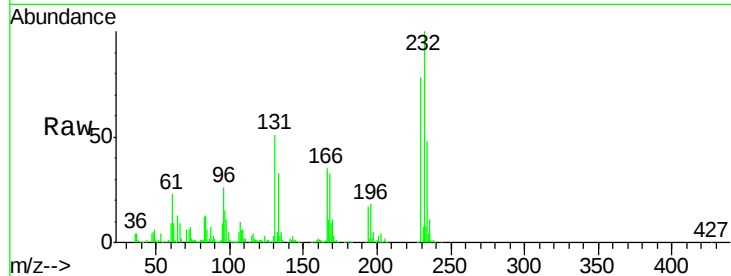
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.814 ng m  
 RT: 15.25 min Scan# 2070  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 232     | 100  |       | 306637 |       |       |
| 131     | 42.3 | 35.8  | 53.6   |       |       |
| 130     | 2.9  | 2.5   | 3.7    |       |       |
| 166     | 25.7 | 21.8  | 32.8   |       |       |

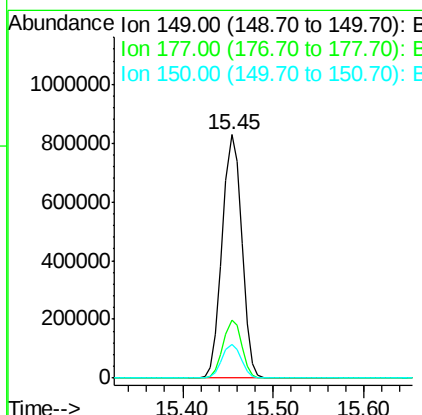
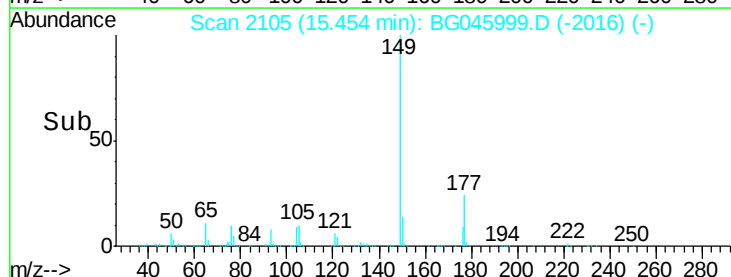
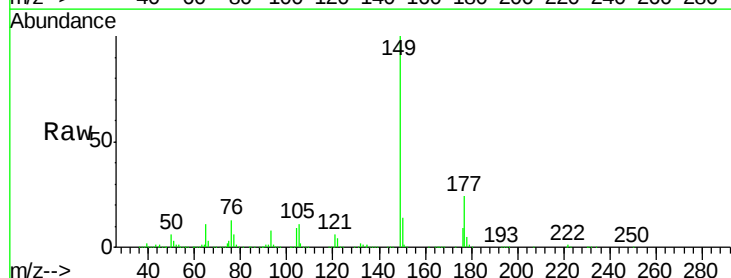
Manual Integrations  
 APPROVED

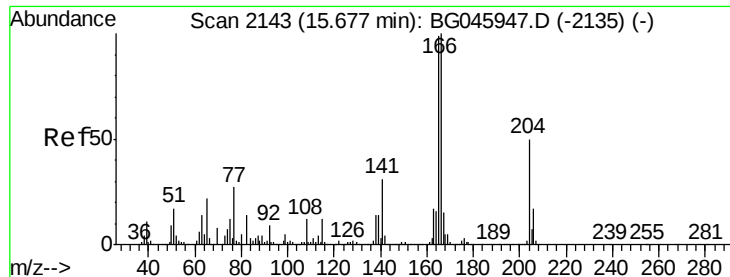
mohammad  
 7/13/2020 1:03:26 PM



#60  
 Diethylphthalate  
 Concen: 40.901 ng  
 RT: 15.45 min Scan# 2105  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 149     | 100  |       | 1240461 |       |       |
| 177     | 23.9 | 19.0  | 28.4    |       |       |
| 150     | 14.0 | 11.0  | 16.4    |       |       |





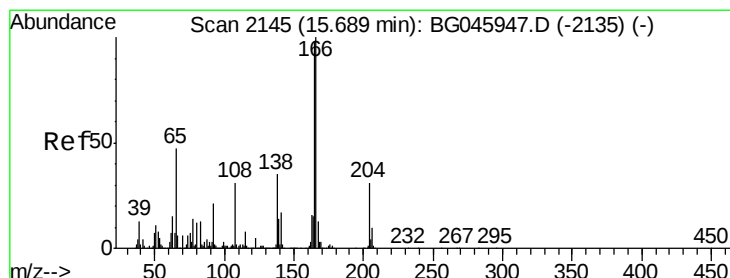
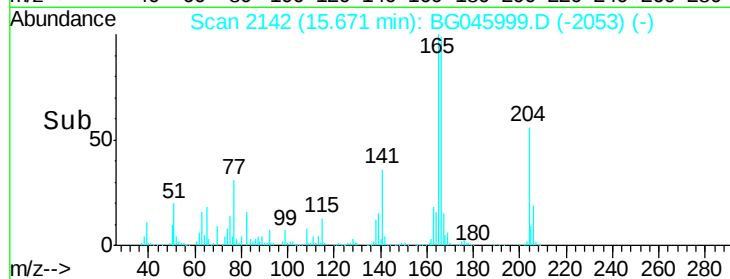
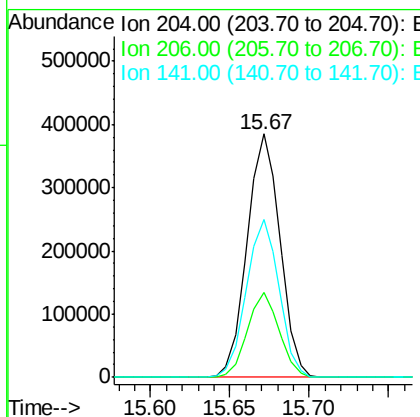
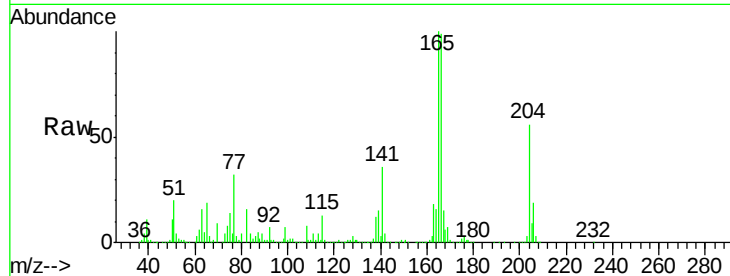
#61  
4-Chlorophenyl-phenylether  
Concen: 39.874 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampled :  
PB130037BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 34.8  | 27.1 | 40.7  |       |
| 141     | 64.9  | 49.8 | 74.8  |       |

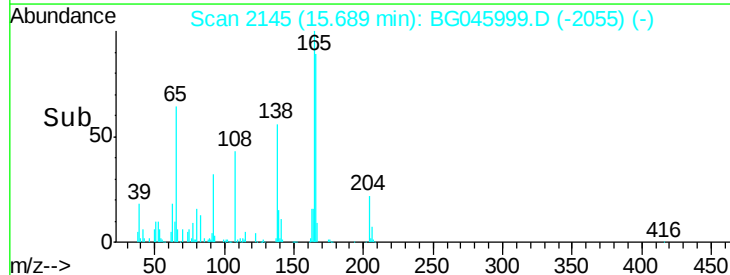
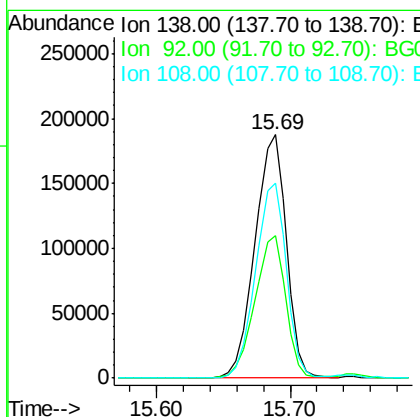
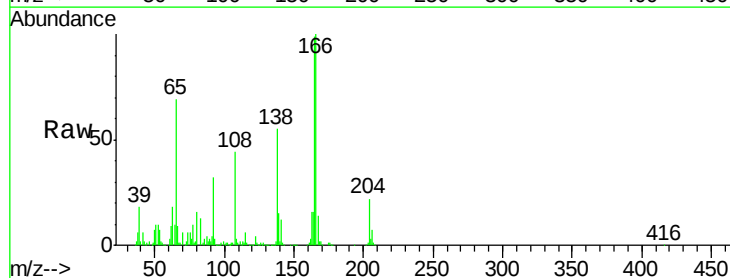
Manual Integrations  
APPROVED

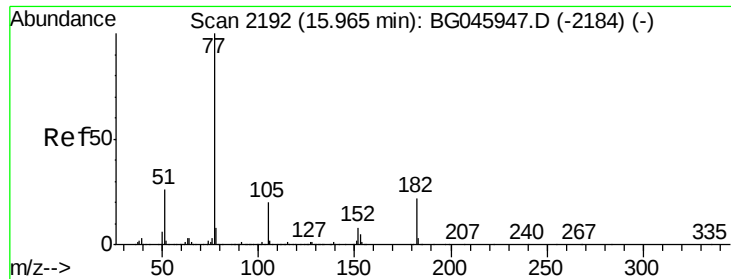
mohammad  
7/13/2020 1:03:26 PM



#62  
4-Nitroaniline  
Concen: 50.951 ng  
RT: 15.69 min Scan# 2145  
Delta R.T. -0.00 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 58.3  | 40.3 | 80.3  |       |
| 108     | 80.0  | 68.0 | 108.0 |       |





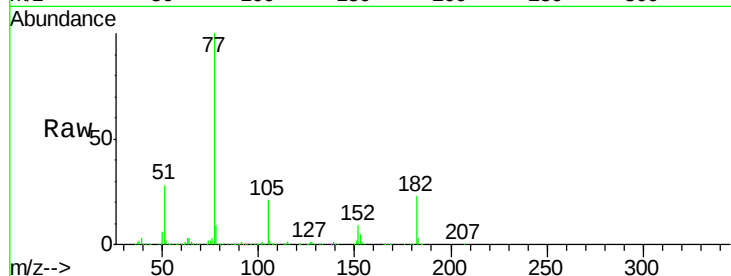
#63  
Azobenzene  
Concen: 43.275 ng  
RT: 15.96 min Scan# 2192  
Delta R.T. -0.00 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.3  | 2.4   | 42.4  |
| 105     | 20.8  | 0.3   | 40.3  |
| 51      | 27.8  | 6.3   | 46.3  |

Manual Integrations  
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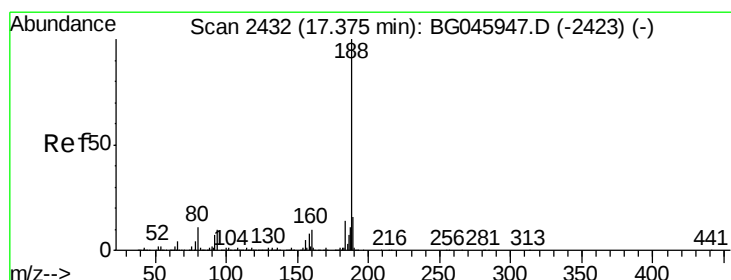
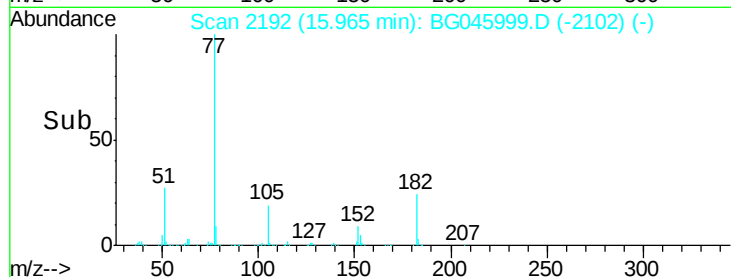
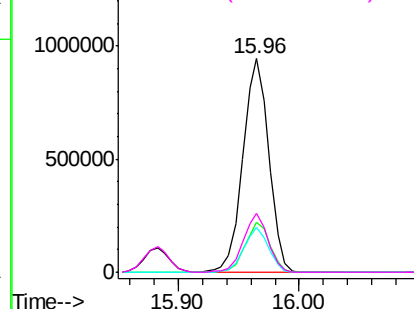
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.37 min Scan# 2431  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

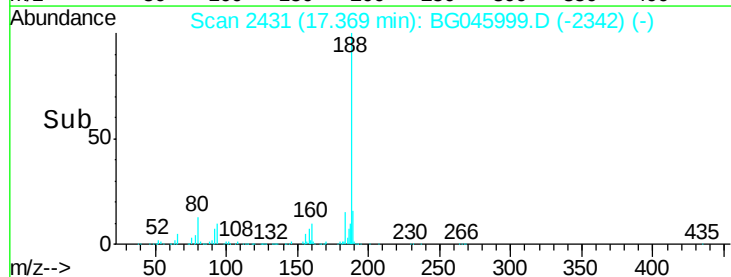
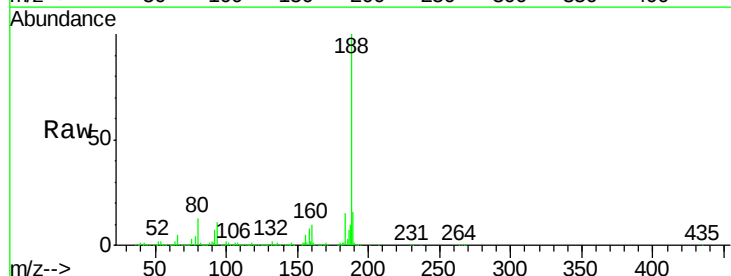
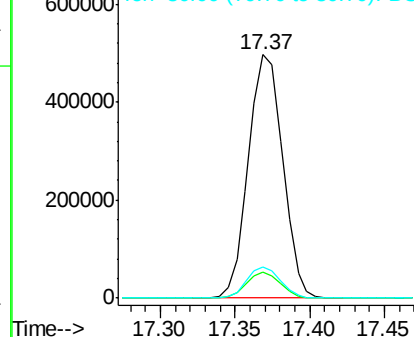
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.9  | 8.2   | 12.4  |
| 80      | 12.9  | 9.0   | 13.6  |

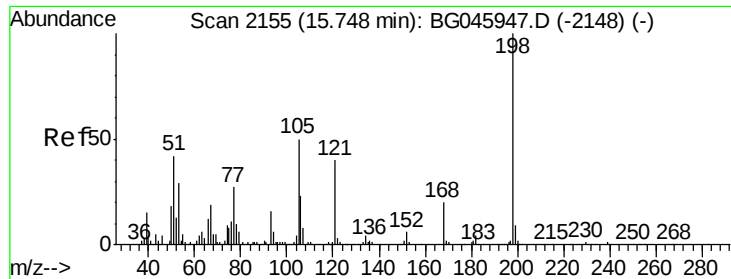
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





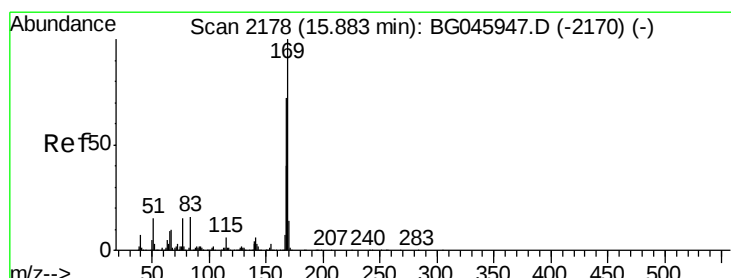
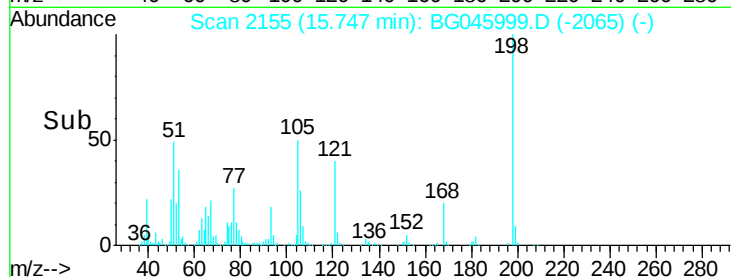
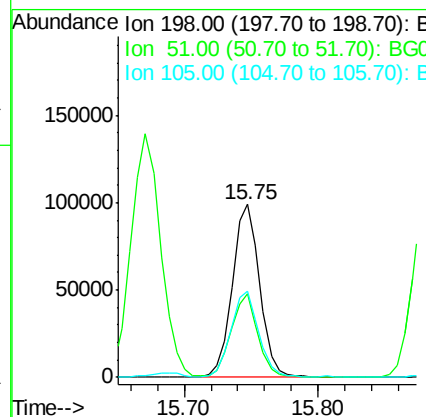
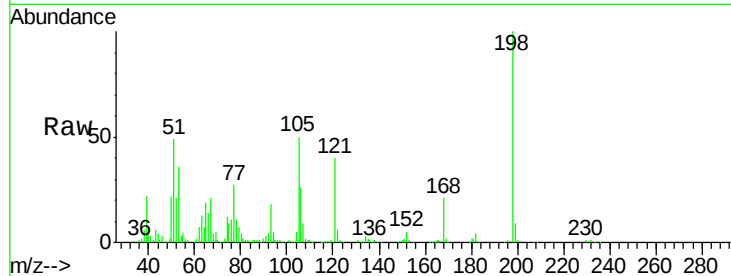
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 51.629 ng  
 RT: 15.75 min Scan# 2155  
 Delta R.T. 0.00 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 142317 |       |       |
| 51      | 48.7  | 24.5   | 64.5  |       |
| 105     | 49.9  | 30.9   | 70.9  |       |

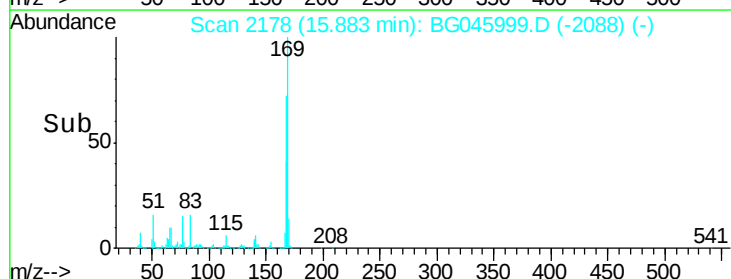
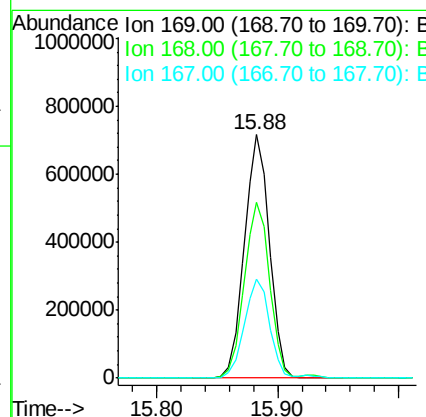
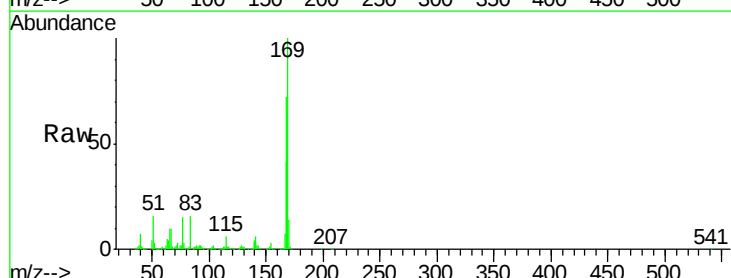
Manual Integrations  
 APPROVED

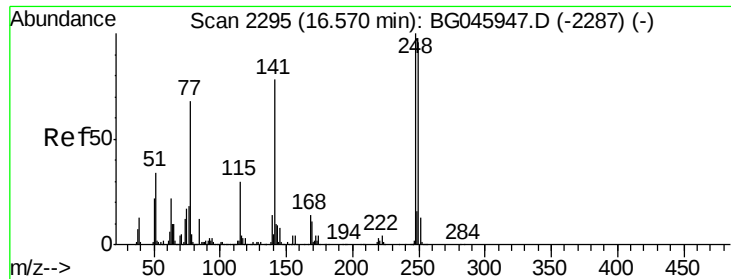
mohammad  
 7/13/2020 1:03:26 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 42.376 ng  
 RT: 15.88 min Scan# 2178  
 Delta R.T. -0.00 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1039252 |       |       |
| 168     | 72.5  | 57.3    | 85.9  |       |
| 167     | 40.8  | 32.1    | 48.1  |       |





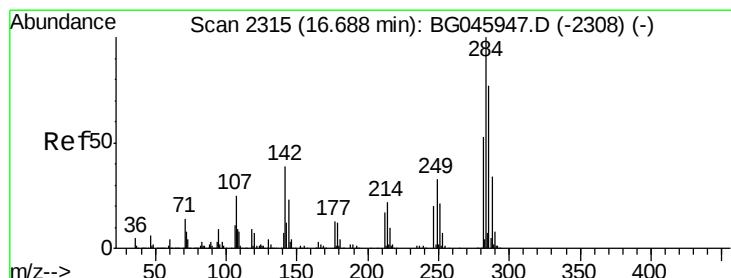
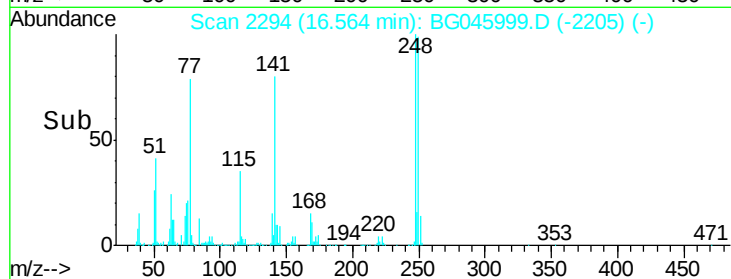
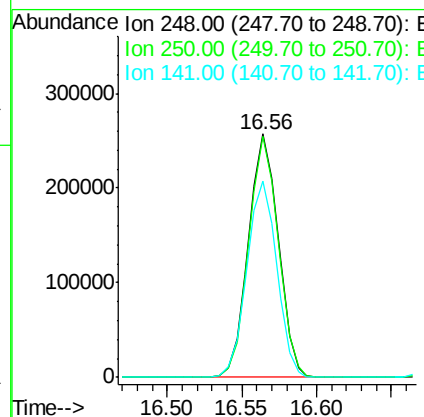
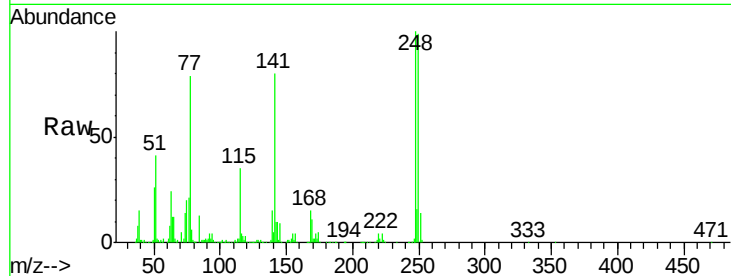
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.294 ng  
 RT: 16.56 min Scan# 2294  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.2  | 76.6  | 114.8 |
| 141     | 80.5  | 62.7  | 94.1  |

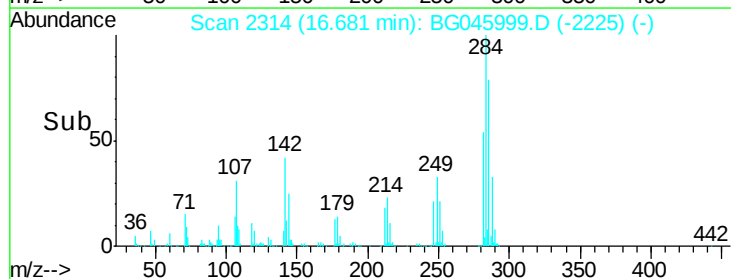
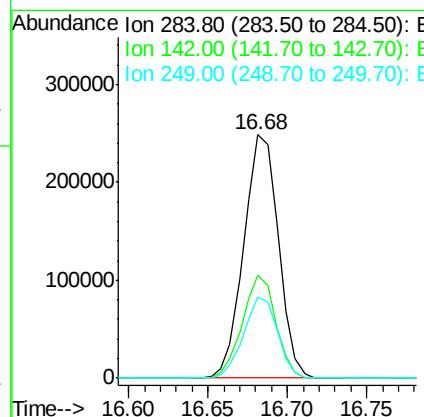
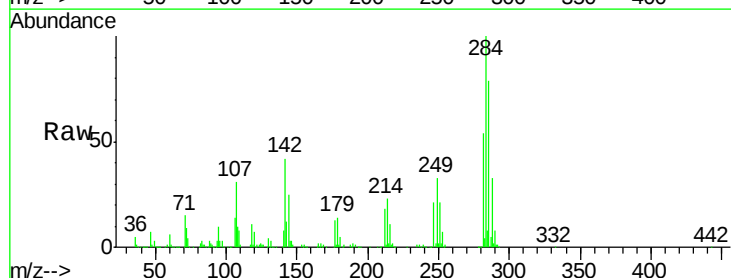
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#68  
 Hexachlorobenzene  
 Concen: 42.495 ng  
 RT: 16.68 min Scan# 2314  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 42.5  | 31.3  | 46.9  |
| 249     | 33.5  | 26.8  | 40.2  |





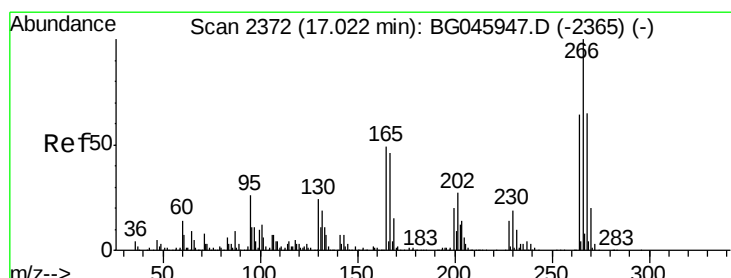
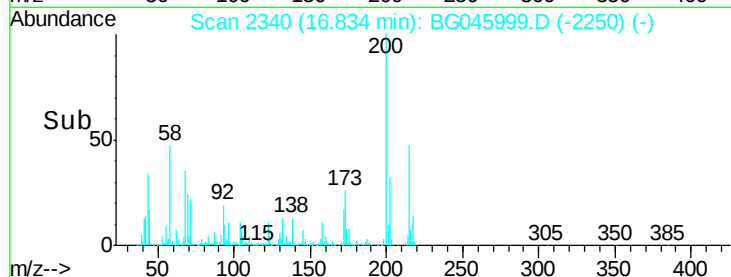
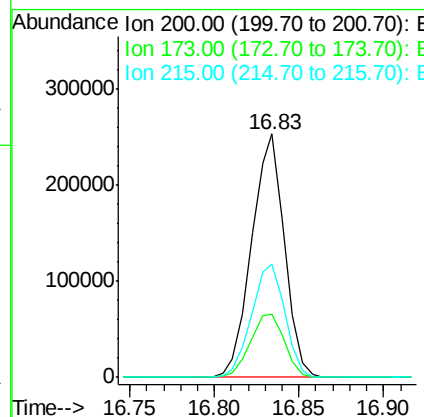
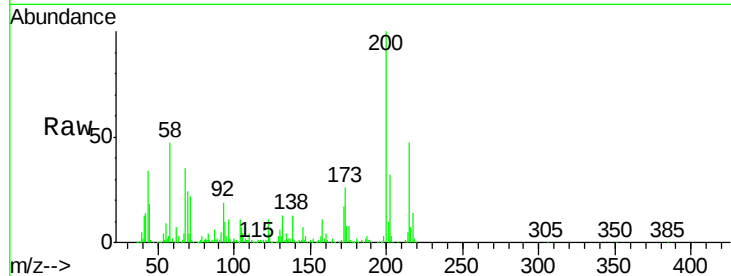
#69  
 Atrazine  
 Concen: 46.904 ng  
 RT: 16.83 min Scan# 2340  
 Delta R.T. -0.00 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 25.8  | 9.1        | 49.1  |
| 215     | 46.7  | 28.8       | 68.8  |

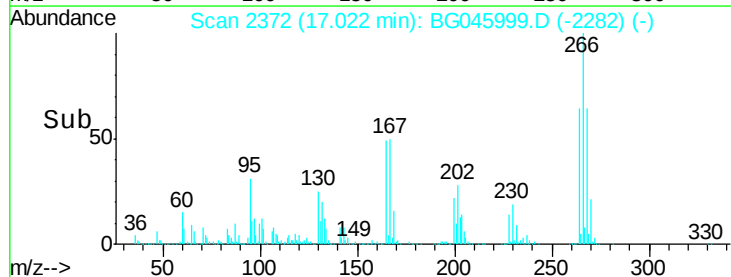
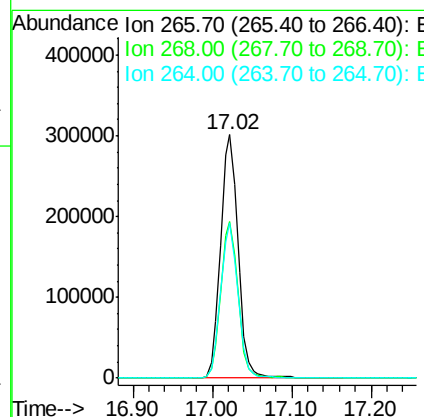
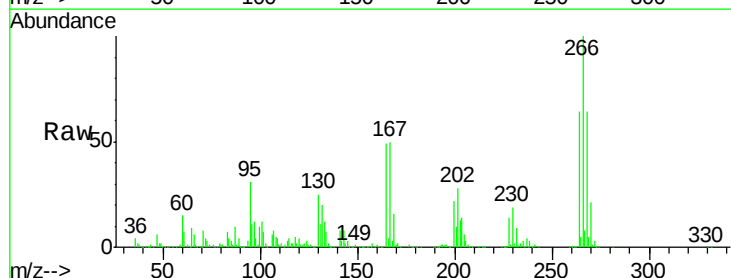
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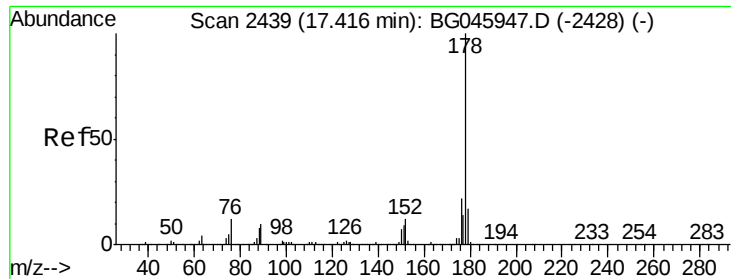
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#70  
 Pentachlorophenol  
 Concen: 93.902 ng  
 RT: 17.02 min Scan# 2372  
 Delta R.T. -0.00 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 64.1  | 51.8       | 77.8  |
| 264     | 63.8  | 51.4       | 77.0  |





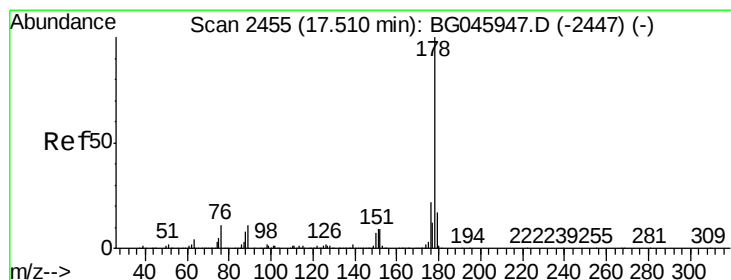
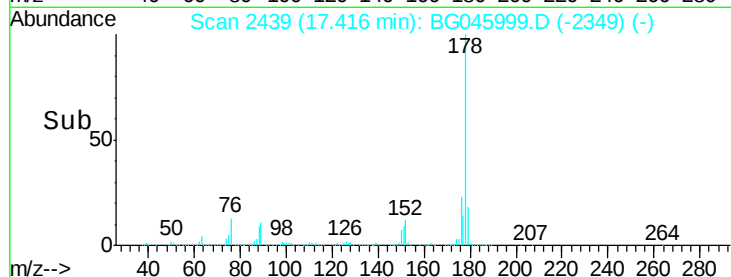
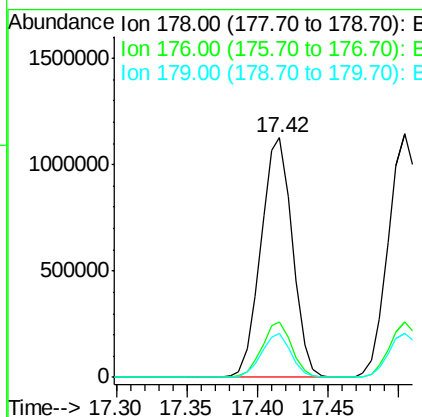
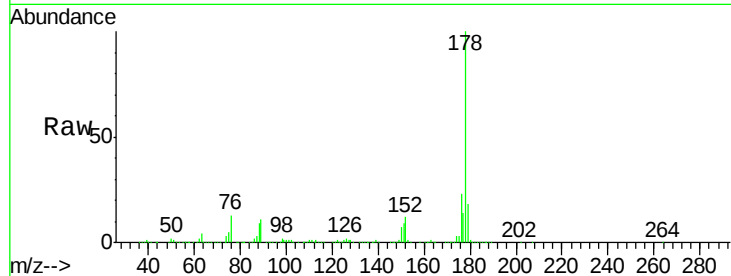
#71  
Phenanthrene  
Concen: 42.256 ng  
RT: 17.42 min Scan# 2439  
Delta R.T. -0.00 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

Tot Ion:178 Resp: 1767984  
Ion Ratio Lower Upper  
178 100  
176 23.0 17.4 26.2  
179 18.4 13.4 20.2

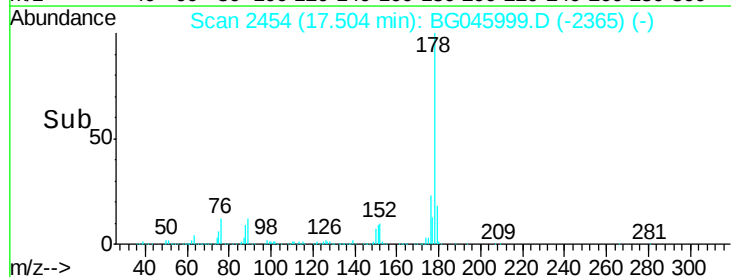
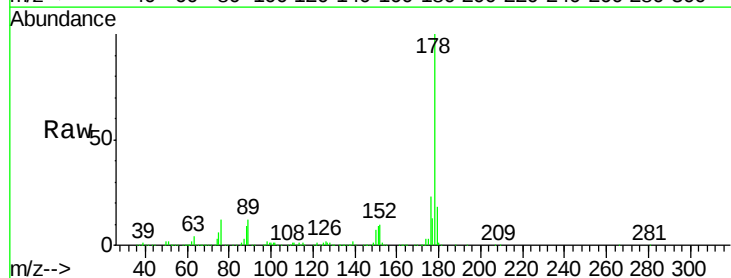
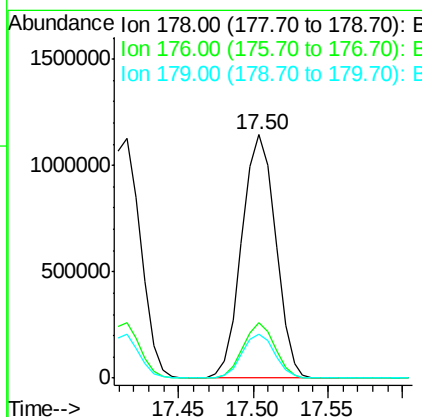
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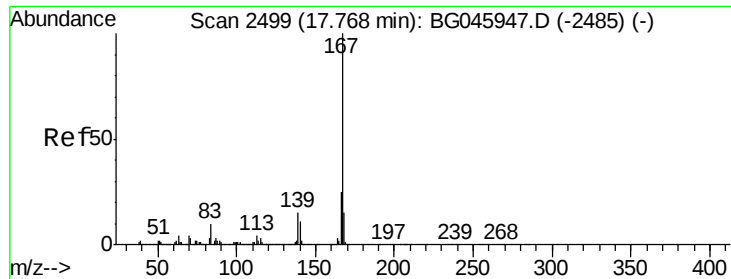
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#72  
Anthracene  
Concen: 42.341 ng  
RT: 17.50 min Scan# 2454  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Tgt Ion:178 Resp: 1797817  
Ion Ratio Lower Upper  
178 100  
176 22.9 17.2 25.8  
179 18.3 14.0 21.0





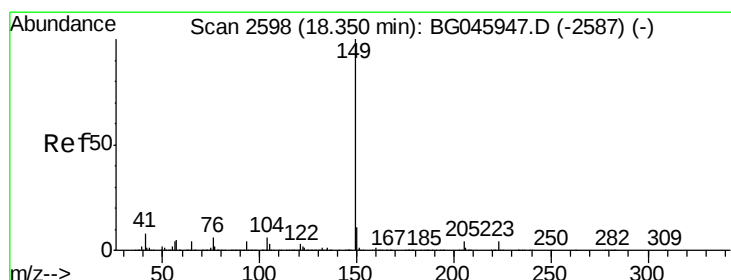
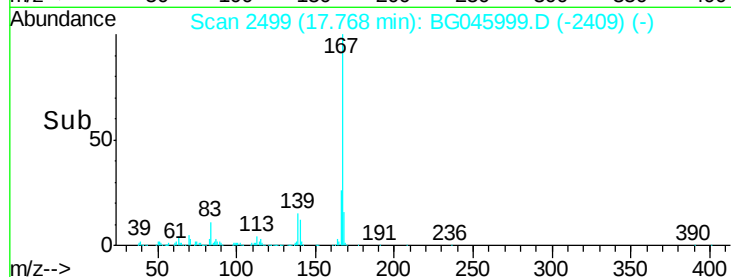
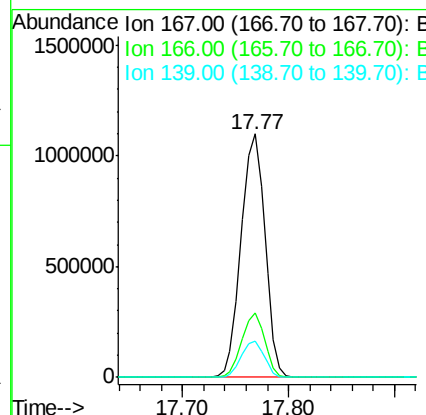
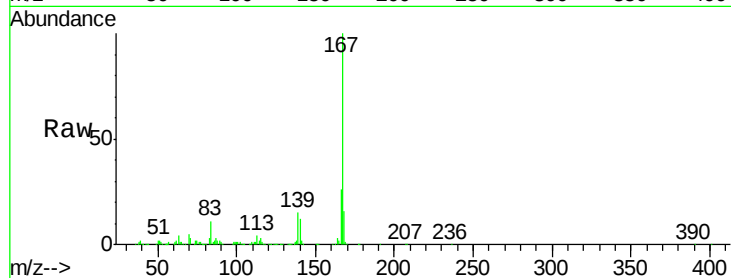
#73  
 Carbazole  
 Concen: 40.505 ng  
 RT: 17.77 min Scan# 2499  
 Delta R.T. -0.00 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 26.4  | 20.4  | 30.6  |
| 139     | 14.7  | 11.8  | 17.8  |

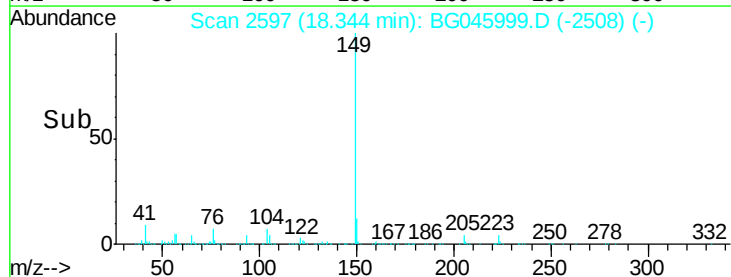
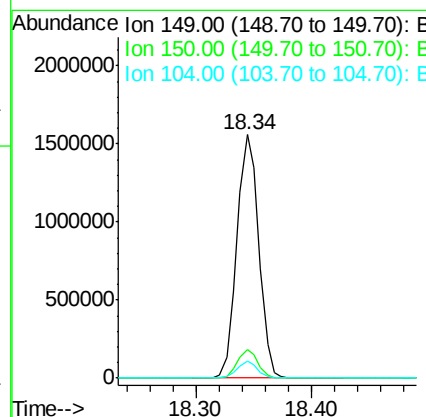
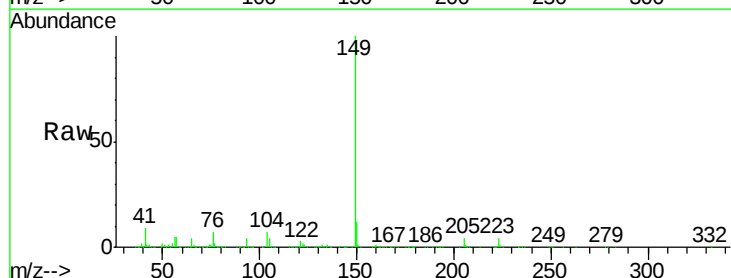
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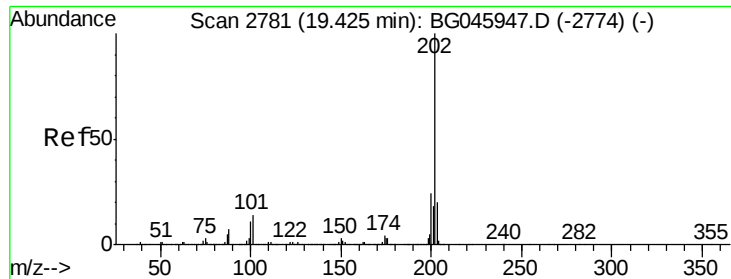
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#74  
 Di-n-butylphthalate  
 Concen: 39.668 ng  
 RT: 18.34 min Scan# 2597  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 11.5  | 9.0   | 13.4  |
| 104     | 7.0   | 5.2   | 7.8   |





#75

Fluoranthene

Concen: 42.038 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

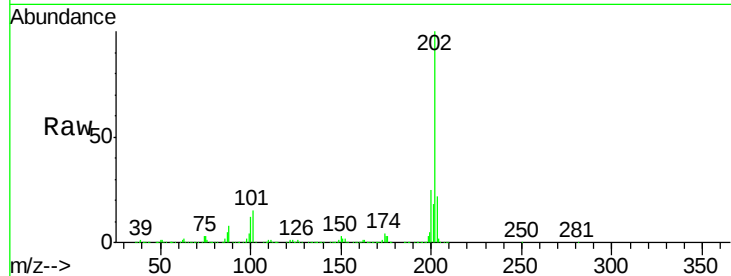
ClientSampleId :

PB130037BS

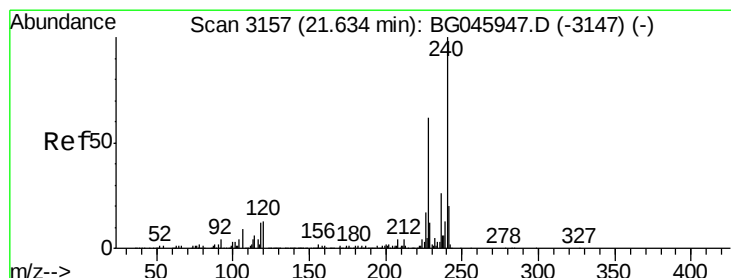
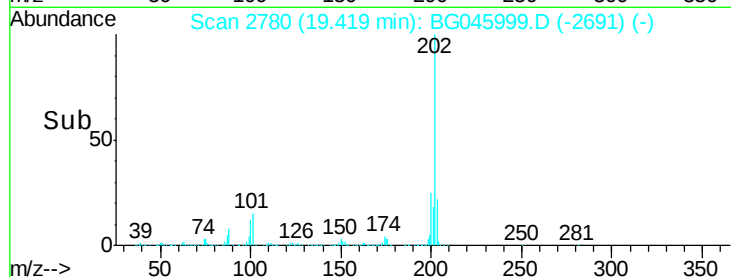
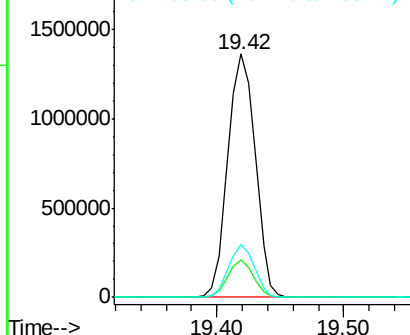
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 2033254 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 15.3  | 0.0   | 33.8    |
| 203      | 21.5  | 0.4   | 40.4    |

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



#76

Chrysene-d12

Concen: 20.000 ng

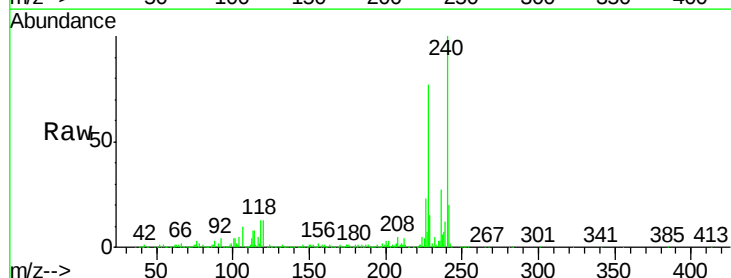
RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

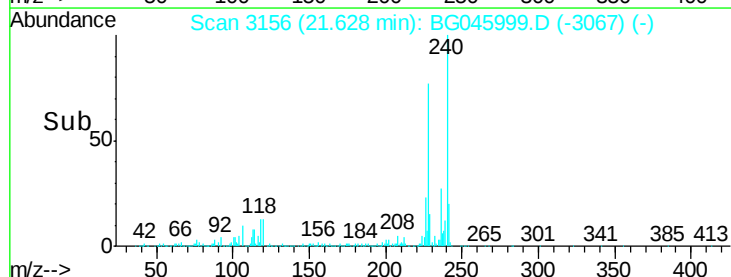
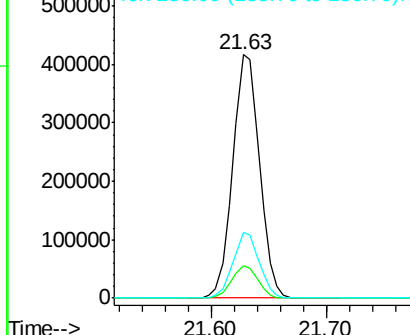
Lab File: BG045999.D

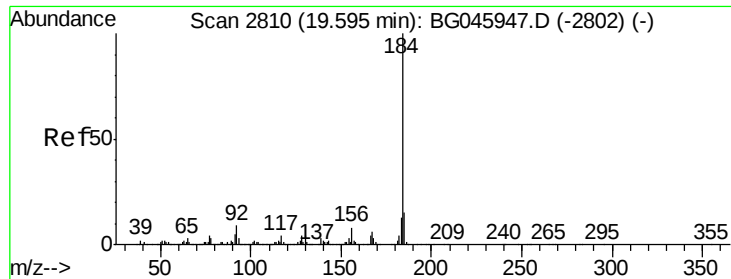
Acq: 10 Jul 2020 9:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 668432 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 13.1  | 10.6  | 16.0   |
| 236      | 27.0  | 20.4  | 30.6   |



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





#77

Benzidine

Concen: 61.056 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

ClientSampleId :

PB130037BS

Tot Ion:184 Resp: 1166915

Ion Ratio Lower Upper

184 100

185 15.7 11.6 17.4

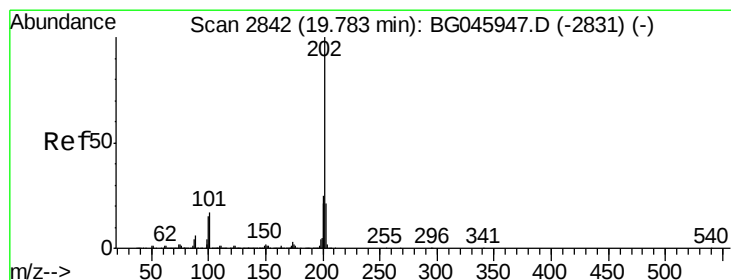
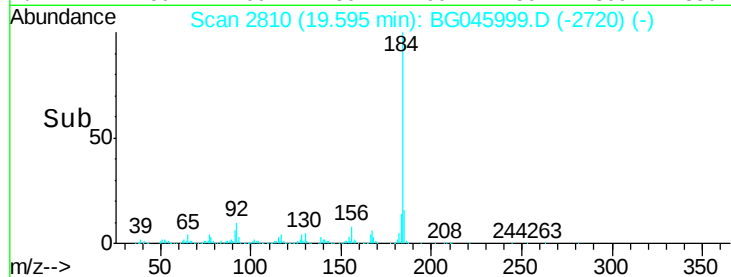
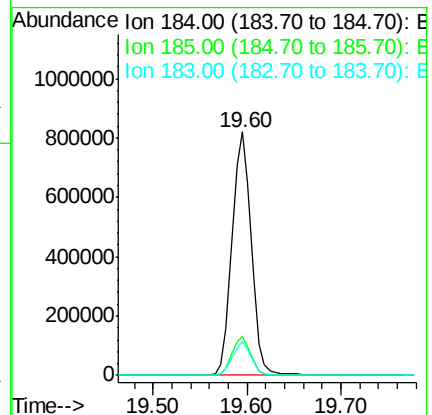
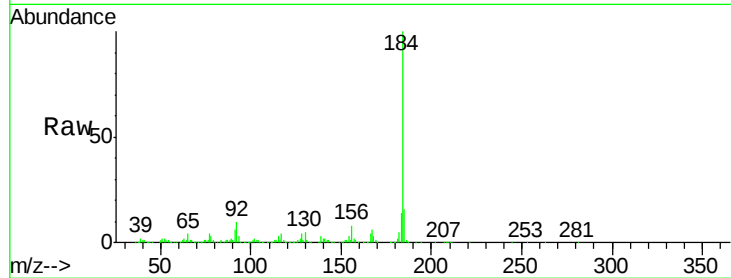
183 13.7 10.4 15.6

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#78

Pyrene

Concen: 43.865 ng

RT: 19.78 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

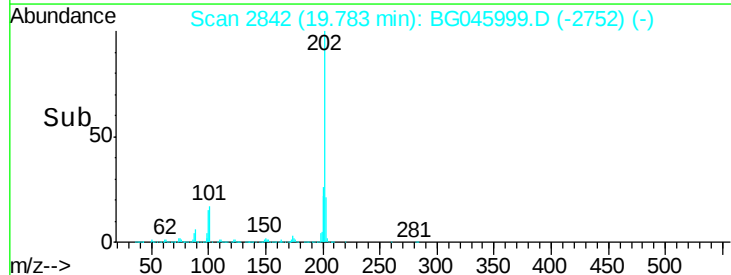
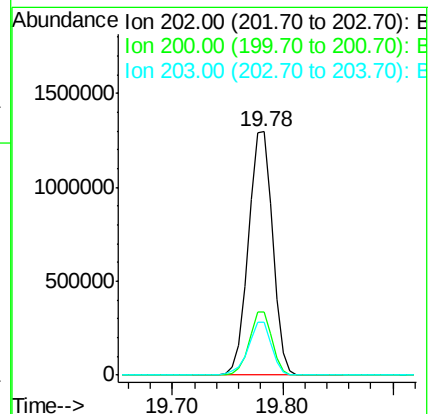
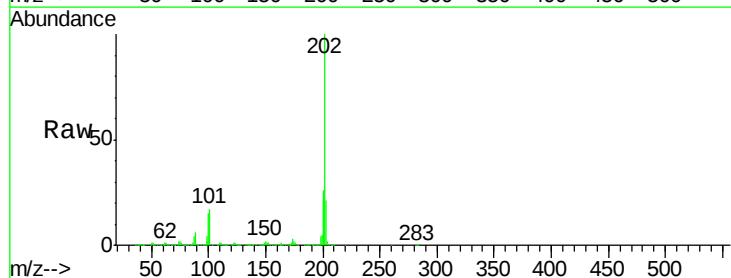
Tgt Ion:202 Resp: 2001437

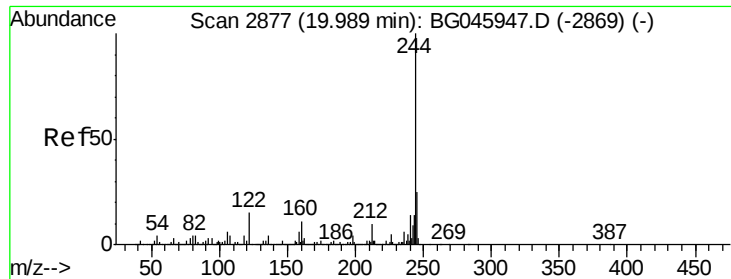
Ion Ratio Lower Upper

202 100

200 26.0 20.1 30.1

203 21.5 16.5 24.7





#79

Terphenyl-d14

Concen: 94.396 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

ClientSampleId :

PB130037BS

Tot Ion:244 Resp: 2835193

Ion Ratio Lower Upper

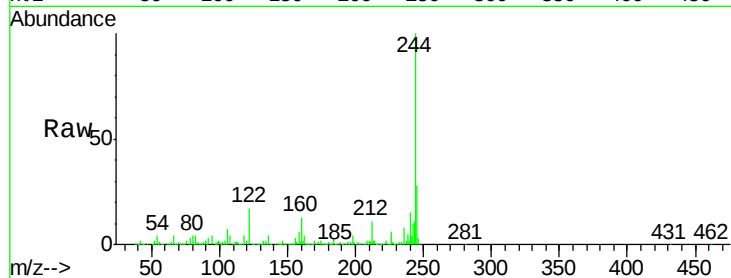
244 100

212 11.4 8.3 12.5

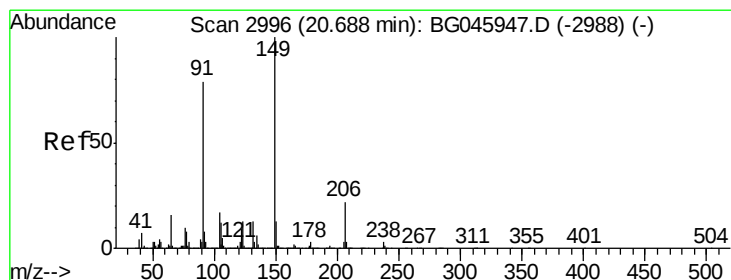
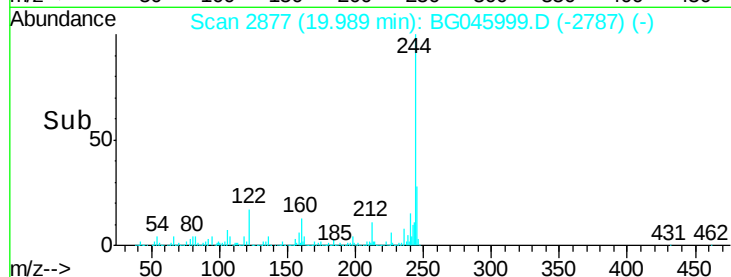
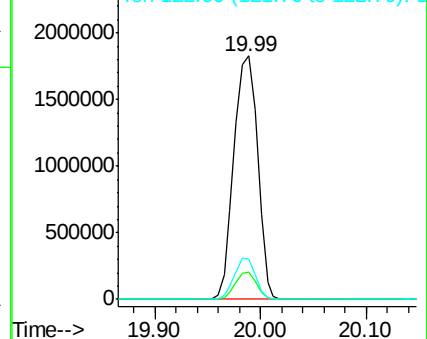
122 16.6 12.1 18.1

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Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.468 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

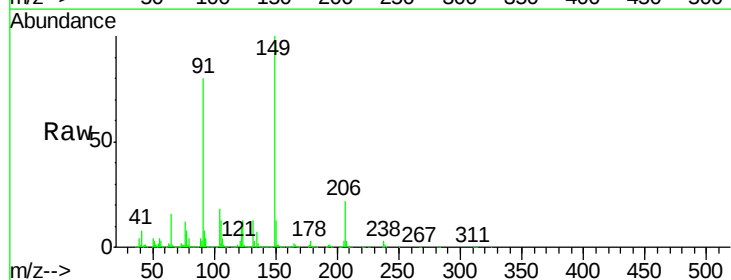
Tgt Ion:149 Resp: 958794

Ion Ratio Lower Upper

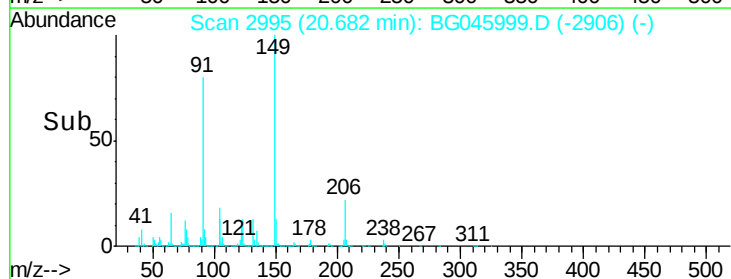
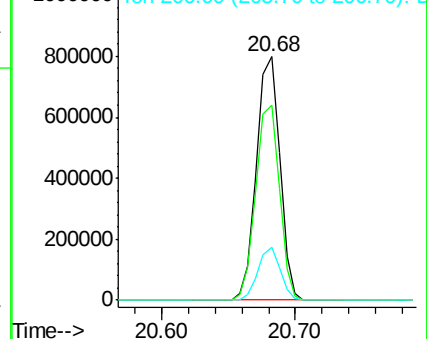
149 100

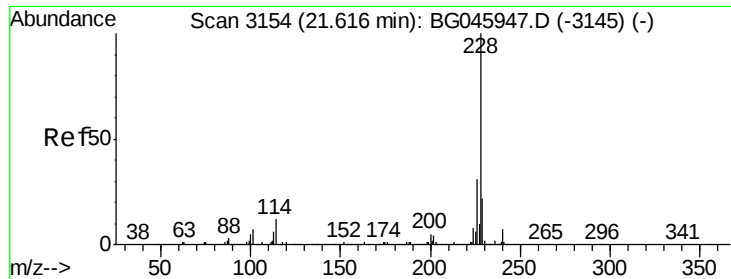
91 79.9 63.1 94.7

206 21.9 17.4 26.0



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.036 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA\_G

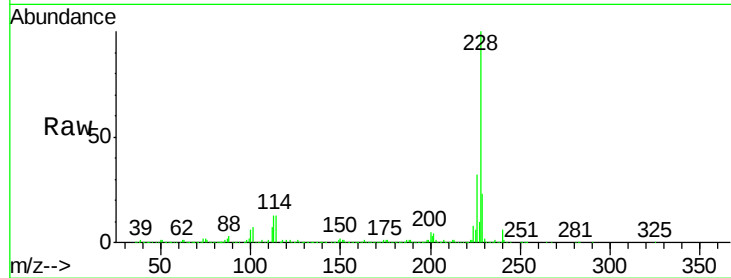
ClientSampleId :

PB130037BS

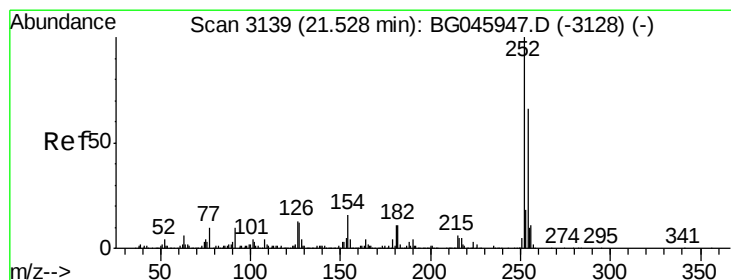
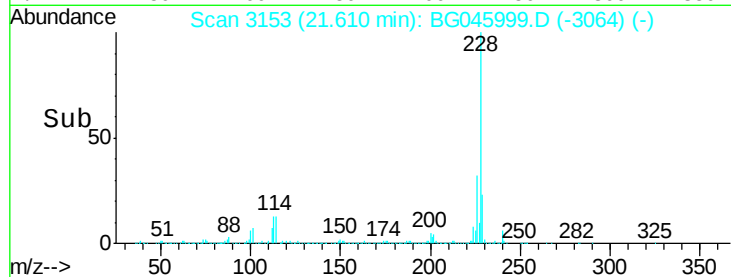
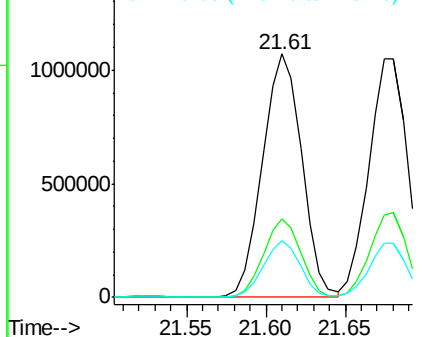
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1847536 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 32.0  | 24.8  | 37.2    |
| 229      | 23.1  | 17.8  | 26.8    |

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Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.157 ng

RT: 21.53 min Scan# 3139

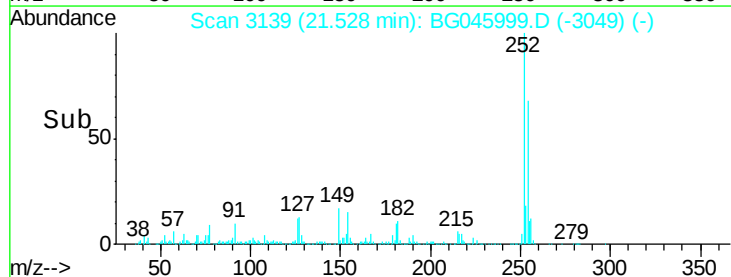
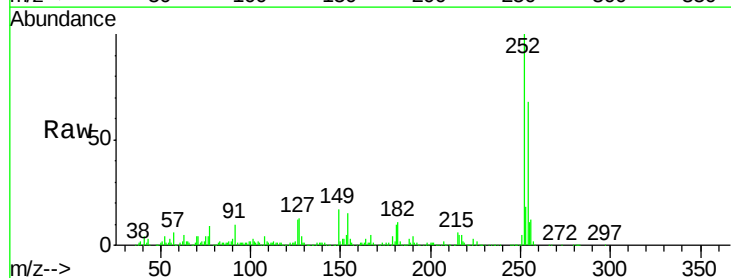
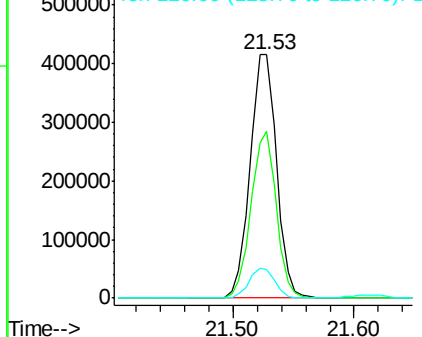
Delta R.T. -0.00 min

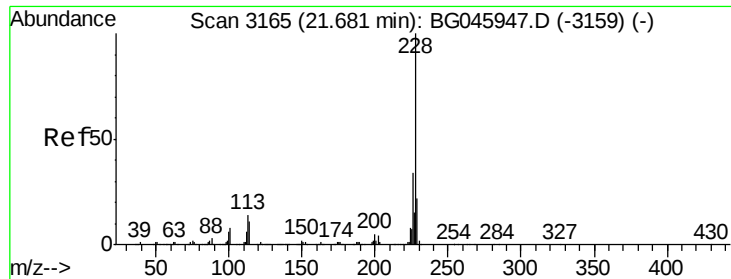
Lab File: BG045999.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 635942 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 68.3  | 52.9  | 79.3   |
| 126      | 11.8  | 10.4  | 15.6   |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





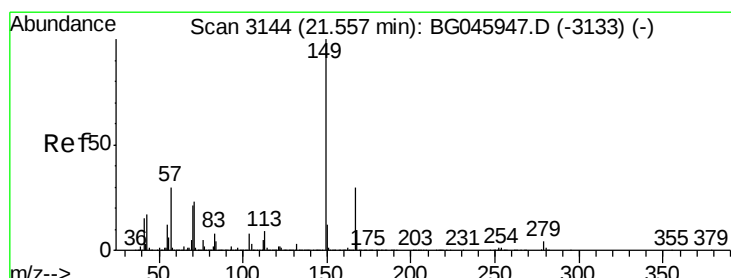
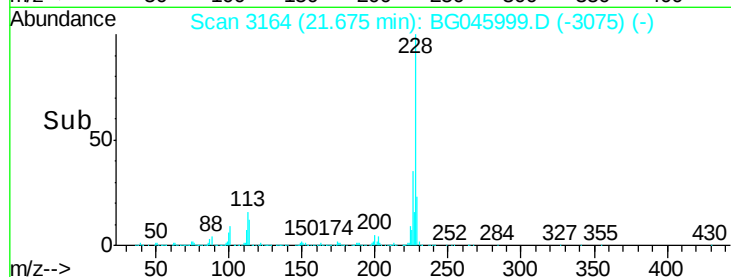
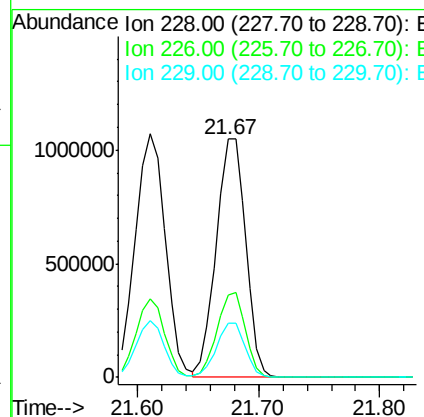
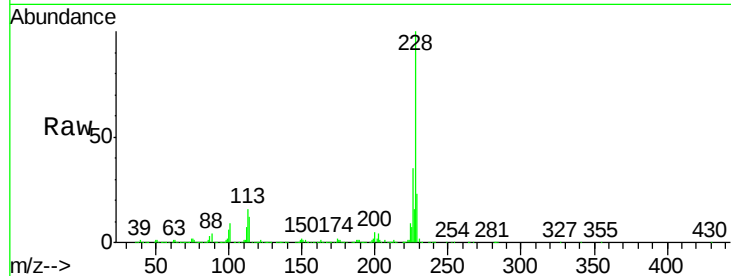
#83  
Chrysene  
Concen: 42.206 ng  
RT: 21.67 min Scan# 3164  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

Tot Ion:228 Resp: 1767243  
Ion Ratio Lower Upper  
228 100  
226 34.5 26.7 40.1  
229 23.0 17.3 25.9

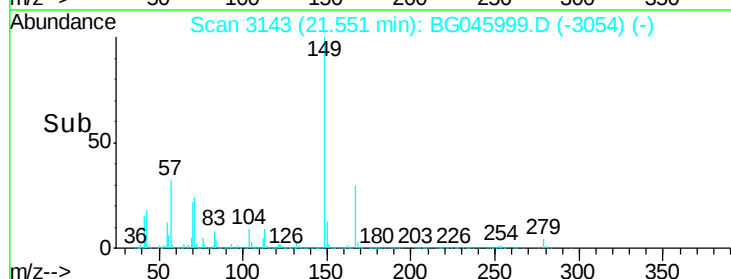
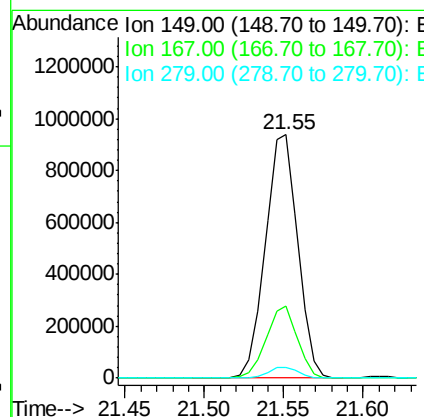
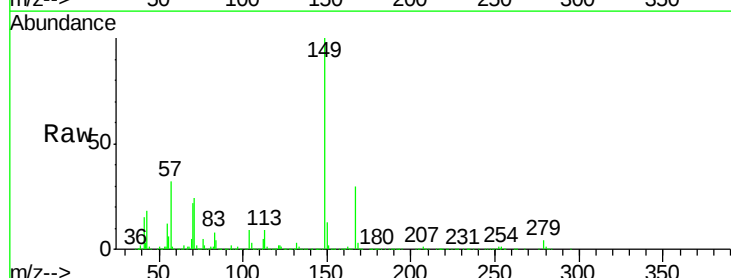
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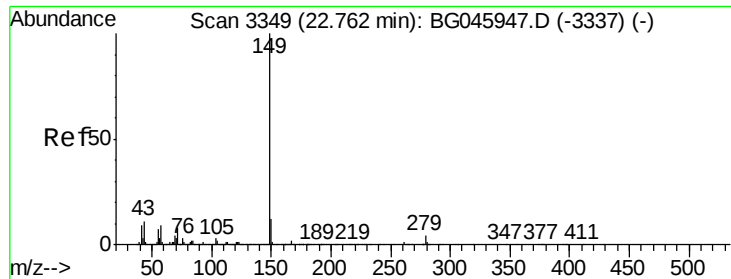
mohammad  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.664 ng  
RT: 21.55 min Scan# 3143  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Tgt Ion:149 Resp: 1335316  
Ion Ratio Lower Upper  
149 100  
167 29.7 23.8 35.8  
279 4.4 3.5 5.3





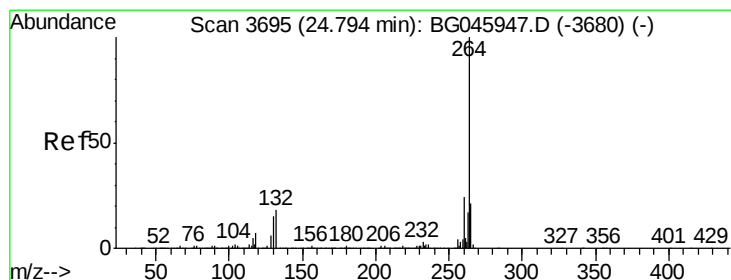
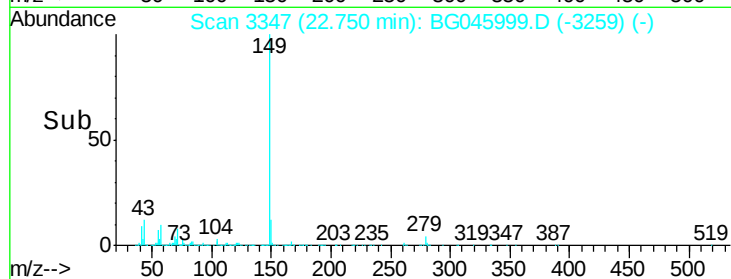
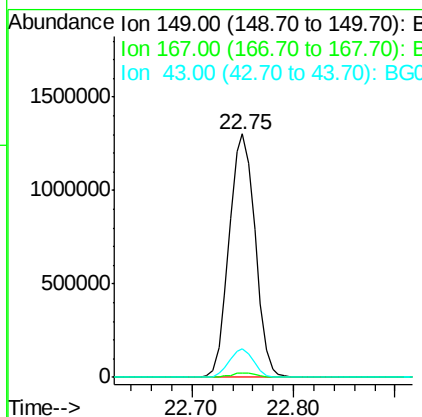
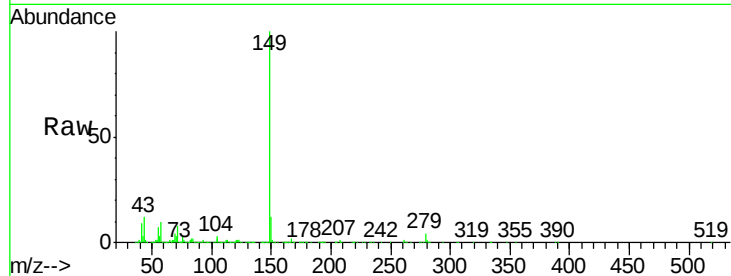
#85  
Di-n-octyl phthalate  
Concen: 42.640 ng  
RT: 22.75 min Scan# 3347  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.4   | 2.0   |
| 43      | 11.1  | 8.6   | 12.8  |

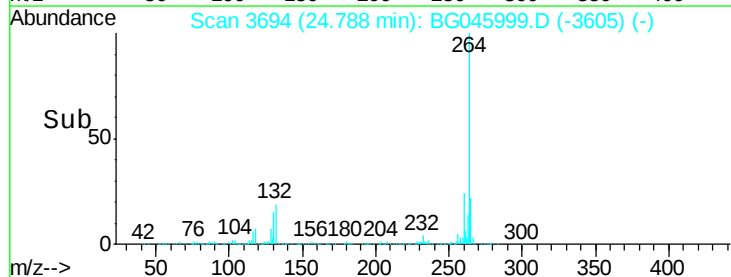
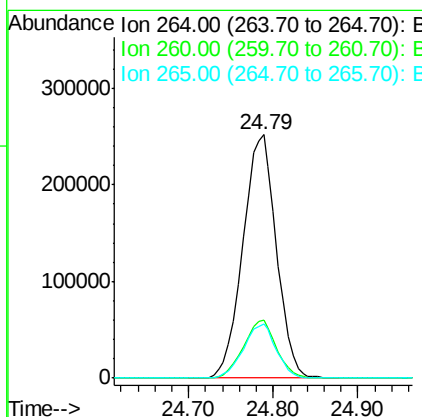
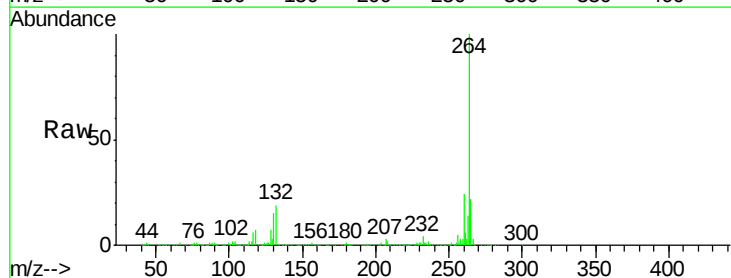
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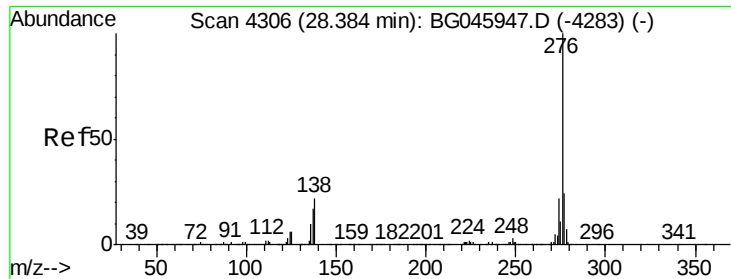
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.79 min Scan# 3694  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.0  | 28.6  |
| 265     | 22.2  | 16.9  | 25.3  |





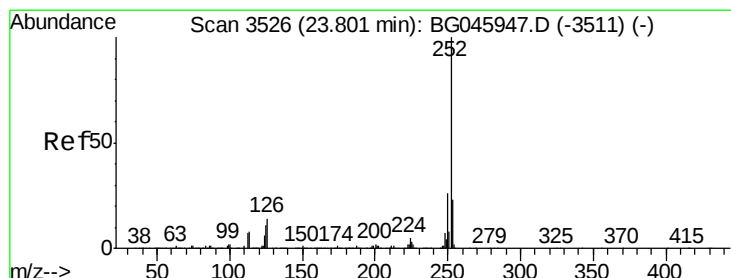
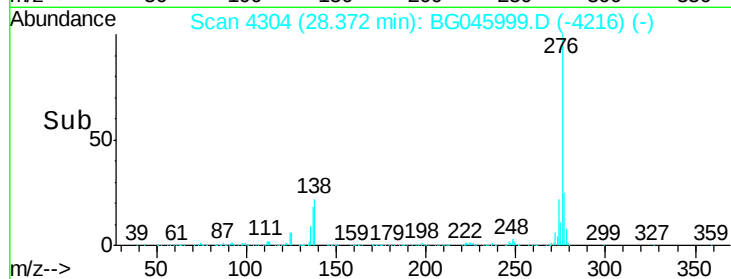
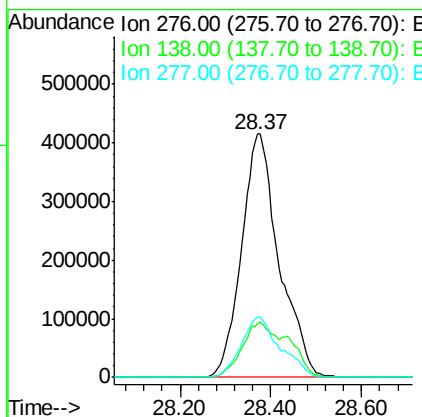
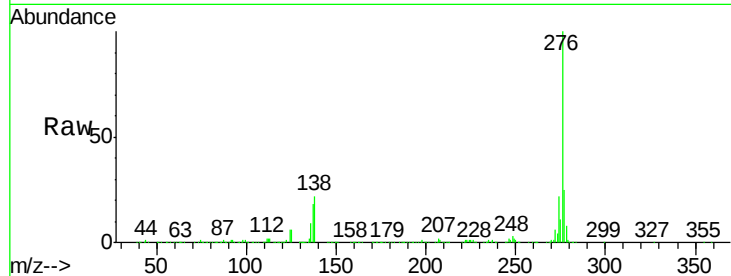
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.071 ng  
 RT: 28.37 min Scan# 4304  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 19.6  | 16.4  | 24.6  |
| 277     | 25.8  | 20.6  | 31.0  |

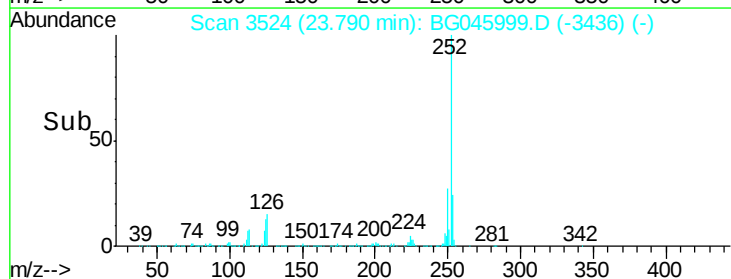
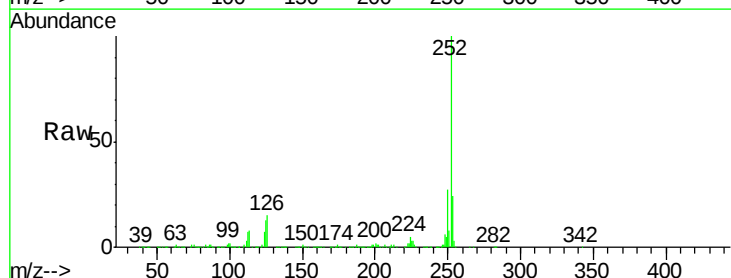
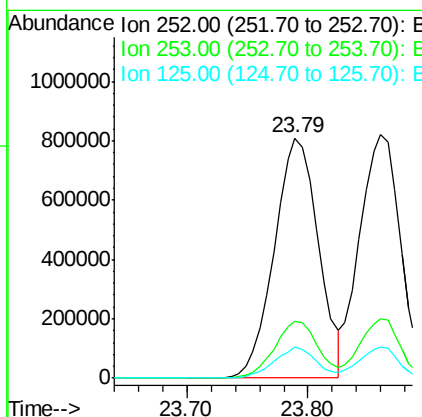
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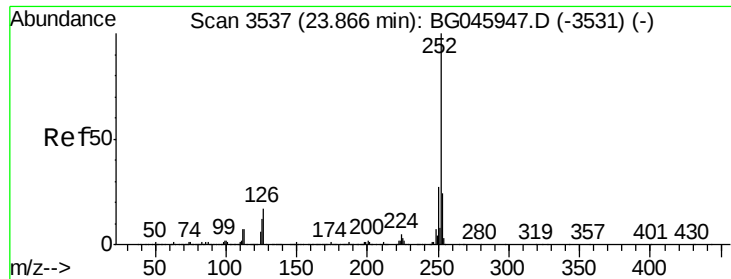
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#88  
 Benzo(b)fluoranthene  
 Concen: 46.489 ng  
 RT: 23.79 min Scan# 3524  
 Delta R.T. -0.01 min  
 Lab File: BG045999.D  
 Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.8  | 18.5  | 27.7  |
| 125     | 12.8  | 9.2   | 13.8  |





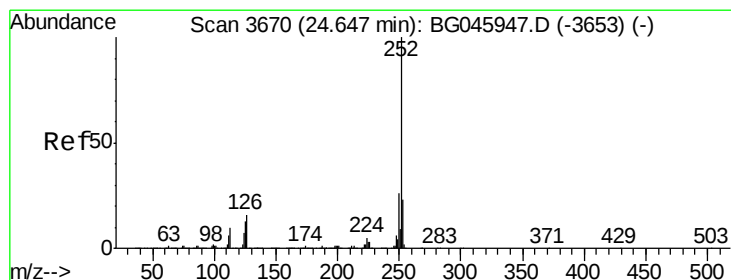
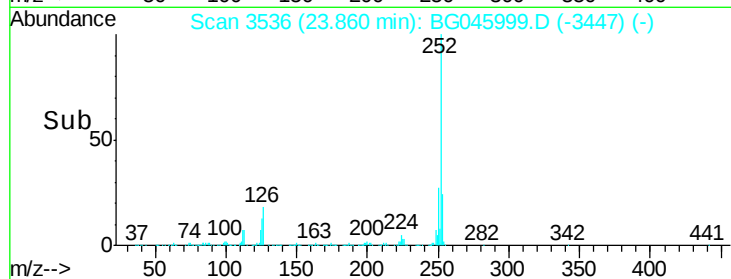
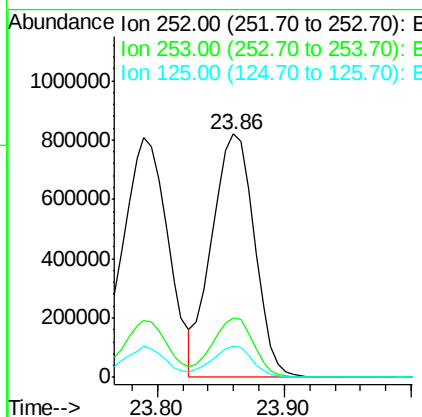
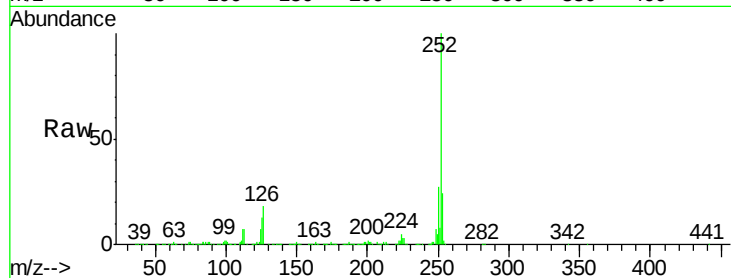
#89  
Benzo(k)fluoranthene  
Concen: 45.938 ng  
RT: 23.86 min Scan# 3536  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.4  | 18.9  | 28.3  |
| 125     | 12.9  | 9.6   | 14.4  |

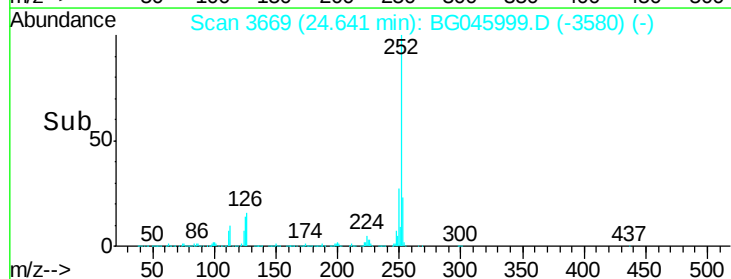
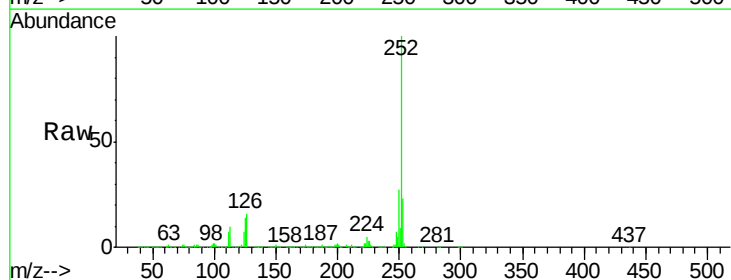
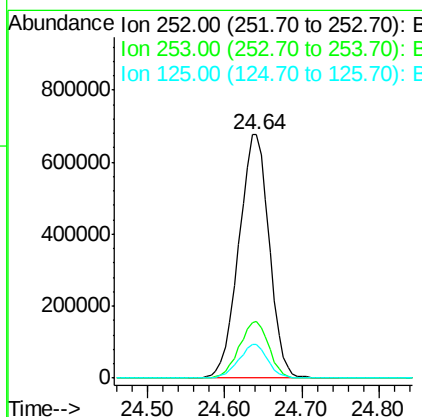
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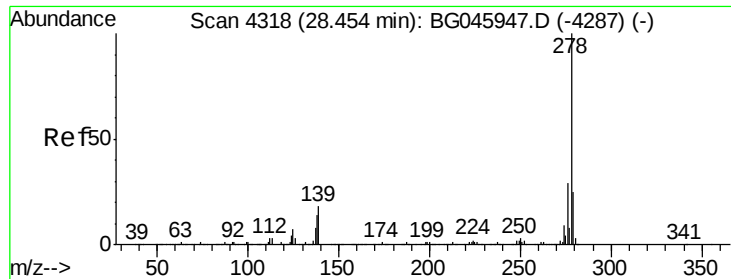
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#90  
Benzo(a)pyrene  
Concen: 45.150 ng  
RT: 24.64 min Scan# 3669  
Delta R.T. -0.01 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.5  | 18.6  | 28.0  |
| 125     | 14.0  | 10.5  | 15.7  |





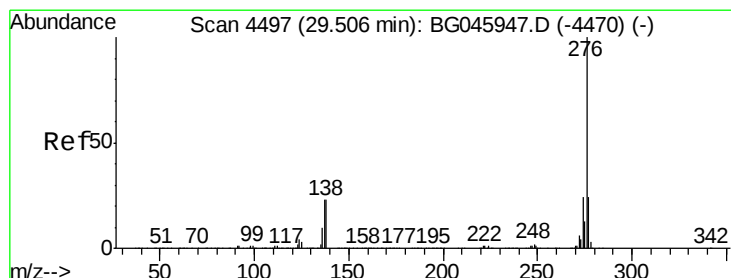
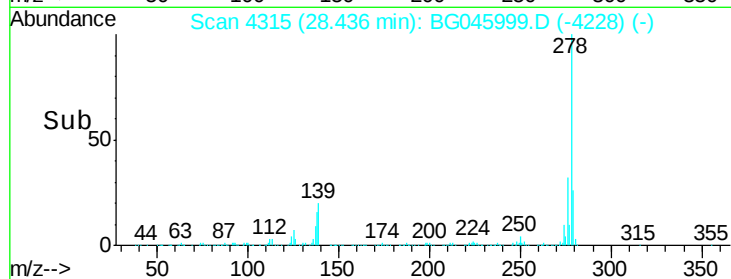
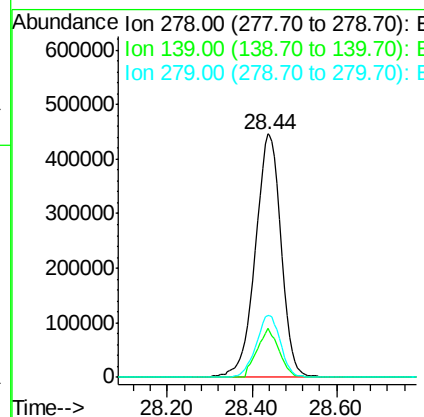
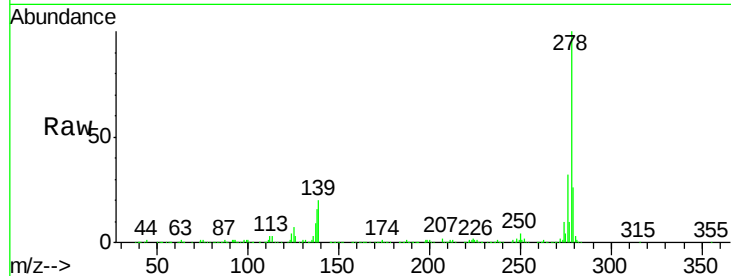
#91  
Dibenzo(a,h)anthracene  
Concen: 46.712 ng  
RT: 28.44 min Scan# 4315  
Delta R.T. -0.02 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB130037BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.0  | 14.3  | 21.5  |
| 279     | 25.6  | 19.8  | 29.6  |

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#92  
Benzo(g,h,i)perylene  
Concen: 46.524 ng  
RT: 29.48 min Scan# 4493  
Delta R.T. -0.02 min  
Lab File: BG045999.D  
Acq: 10 Jul 2020 9:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 19.4  | 29.0  |
| 138     | 22.7  | 18.6  | 28.0  |

