

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG052920\  
 Data File : BG045535.D  
 Acq On : 30 May 2020 00:41  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 6/1/2020 12:22:47 PM

Quant Time: May 30 06:36:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 29 11:17:45 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 64891    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.76 | 136  | 274063   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.60 | 164  | 207783   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.35 | 188  | 488729   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.61 | 240  | 459253   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.76 | 264  | 516154   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.55  | 112 | 284929  | 85.81 | ng | 0.00  |
| 7) Phenol-d6                | 7.16  | 99  | 422235  | 89.34 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 9.12  | 82  | 426008  | 84.76 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 16.10 | 330 | 219703  | 82.68 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 13.22 | 172 | 988211  | 80.67 | ng | 0.00  |
| 79) Terphenyl-d14           | 19.96 | 244 | 1644398 | 83.51 | ng | 0.00  |

|                                |       |     |         |       |         |
|--------------------------------|-------|-----|---------|-------|---------|
| Target Compounds               |       |     |         |       | Qvalue  |
| 2) 1,4-Dioxane                 | 3.40  | 88  | 65575   | 39.83 | ng 98   |
| 3) Pyridine                    | 3.80  | 79  | 193484  | 42.19 | ng 95   |
| 4) n-Nitrosodimethylamine      | 3.72  | 42  | 64669   | 43.10 | ng 95   |
| 6) Aniline                     | 7.28  | 93  | 268019  | 43.44 | ng 98   |
| 8) 2-Chlorophenol              | 7.53  | 128 | 158046  | 43.40 | ng 98   |
| 9) Benzaldehyde                | 7.08  | 77  | 127589  | 41.44 | ng 96   |
| 10) Phenol                     | 7.18  | 94  | 213978  | 43.93 | ng 96   |
| 11) bis(2-Chloroethyl)ether    | 7.37  | 93  | 166881  | 43.93 | ng 98   |
| 12) 1,3-Dichlorobenzene        | 7.84  | 146 | 188420  | 43.06 | ng 98   |
| 13) 1,4-Dichlorobenzene        | 7.99  | 146 | 189841  | 43.96 | ng 98   |
| 14) 1,2-Dichlorobenzene        | 8.31  | 146 | 181891  | 43.79 | ng 96   |
| 15) Benzyl Alcohol             | 8.20  | 79  | 176227  | 45.14 | ng 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.48  | 45  | 157209  | 43.59 | ng 97   |
| 17) 2-Methylphenol             | 8.42  | 107 | 163327  | 44.80 | ng 96   |
| 18) Hexachloroethane           | 9.04  | 117 | 73316   | 44.33 | ng 97   |
| 19) n-Nitroso-di-n-propylamine | 8.76  | 70  | 148187  | 45.34 | ng 98   |
| 20) 3+4-Methylphenols          | 8.75  | 107 | 222193  | 44.76 | ng 92   |
| 22) Acetophenone               | 8.78  | 105 | 271623  | 41.82 | ng # 94 |
| 24) Nitrobenzene               | 9.16  | 77  | 226504  | 42.07 | ng 98   |
| 25) Isophorone                 | 9.68  | 82  | 421796  | 42.62 | ng 99   |
| 26) 2-Nitrophenol              | 9.87  | 139 | 100129  | 43.47 | ng 94   |
| 27) 2,4-Dimethylphenol         | 9.95  | 122 | 148111  | 43.35 | ng 96   |
| 28) bis(2-Chloroethoxy)methane | 10.17 | 93  | 223306  | 43.02 | ng 97   |
| 29) 2,4-Dichlorophenol         | 10.43 | 162 | 176448  | 43.74 | ng 94   |
| 30) 1,2,4-Trichlorobenzene     | 10.63 | 180 | 207582  | 43.54 | ng 97   |
| 31) Naphthalene                | 10.81 | 128 | 541495  | 42.40 | ng 100  |
| 32) Benzoic acid               | 10.13 | 122 | 102681  | 44.99 | ng 99   |
| 33) 4-Chloroaniline            | 10.93 | 127 | 234037  | 43.84 | ng 97   |
| 34) Hexachlorobutadiene        | 11.10 | 225 | 143234  | 42.51 | ng 95   |
| 35) Caprolactam                | 11.69 | 113 | 60674   | 40.97 | ng 93   |
| 36) 4-Chloro-3-methylphenol    | 12.08 | 107 | 198651  | 43.70 | ng 99   |
| 37) 2-Methylnaphthalene        | 12.42 | 142 | 412573  | 43.34 | ng 99   |
| 38) 1-Methylnaphthalene        | 12.64 | 142 | 391606m | 43.55 | ng      |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.79 | 216 | 235904  | 40.65 | ng 99   |

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 Sample : SSTDCCC040  
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Instrument :  
 BNA\_G  
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 SSTDCCC040

Manual Integrations  
 APPROVED

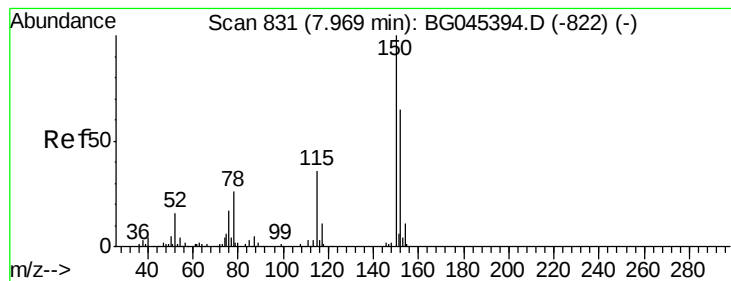
mohammad  
 6/1/2020 12:22:47 PM

Quant Time: May 30 06:36:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 29 11:17:45 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.78 | 237  | 111803   | 33.38 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.04 | 196  | 162953   | 40.42 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.12 | 196  | 188523   | 40.92 | ng    | 94       |
| 46) 1,1'-Biphenyl              | 13.43 | 154  | 515430   | 40.37 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.48 | 162  | 418836   | 40.40 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.68 | 65   | 135631   | 39.77 | ng    | 91       |
| 49) Acenaphthylene             | 14.32 | 152  | 677821   | 40.70 | ng    | 99       |
| 50) Dimethylphthalate          | 14.06 | 163  | 568770   | 39.90 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.18 | 165  | 128813   | 40.05 | ng    | 94       |
| 52) Acenaphthene               | 14.66 | 154  | 457715m  | 41.06 | ng    |          |
| 53) 3-Nitroaniline             | 14.51 | 138  | 133194   | 40.74 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.72 | 184  | 73775    | 38.08 | ng    | 98       |
| 55) Dibenzofuran               | 15.00 | 168  | 675830   | 40.83 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.86 | 139  | 95207    | 38.46 | ng    | 91       |
| 57) 2,4-Dinitrotoluene         | 14.96 | 165  | 187614   | 40.28 | ng    | 98       |
| 58) Fluorene                   | 15.65 | 166  | 565567   | 41.59 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.24 | 232  | 166165   | 41.00 | ng    | 97       |
| 60) Diethylphthalate           | 15.42 | 149  | 594376   | 40.06 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.64 | 204  | 322473   | 41.44 | ng    | 100      |
| 62) 4-Nitroaniline             | 15.67 | 138  | 134381   | 39.37 | ng    | 98       |
| 63) Azobenzene                 | 15.94 | 77   | 560564   | 40.52 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.73 | 198  | 115950   | 40.74 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.86 | 169  | 490925   | 41.84 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.54 | 248  | 231786   | 43.80 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.66 | 284  | 233799   | 42.24 | ng    | 95       |
| 69) Atrazine                   | 16.81 | 200  | 189395   | 39.19 | ng    | 98       |
| 70) Pentachlorophenol          | 17.01 | 266  | 117574   | 40.91 | ng    | 99       |
| 71) Phenanthrene               | 17.39 | 178  | 895890   | 41.99 | ng    | 99       |
| 72) Anthracene                 | 17.48 | 178  | 892038   | 41.63 | ng    | 97       |
| 73) Carbazole                  | 17.75 | 167  | 852636   | 40.82 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.31 | 149  | 1007493  | 40.19 | ng    | 98       |
| 75) Fluoranthene               | 19.40 | 202  | 1101980  | 40.61 | ng    | 100      |
| 77) Benzidine                  | 19.58 | 184  | 500426   | 38.80 | ng    | 100      |
| 78) Pyrene                     | 19.76 | 202  | 1094774  | 41.82 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.65 | 149  | 457009   | 40.44 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.59 | 228  | 1073555  | 41.96 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.51 | 252  | 414436   | 41.30 | ng    | 99       |
| 83) Chrysene                   | 21.65 | 228  | 1036429  | 42.13 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.50 | 149  | 646288   | 41.61 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.69 | 149  | 1110226  | 41.62 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.34 | 276  | 1359791  | 42.27 | ng    | # 97     |
| 88) Benzo(b)fluoranthene       | 23.76 | 252  | 1142399  | 41.27 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.83 | 252  | 1116813  | 42.94 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.61 | 252  | 1089758  | 42.27 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.39 | 278  | 1082400  | 41.78 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 29.45 | 276  | 1076986  | 41.57 | ng    | 99       |

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





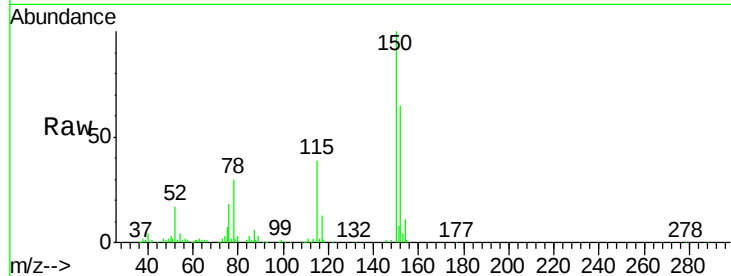
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 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.95 min Scan# 828  
 Delta R.T. -0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.3 | 122.4 | 183.6 |
| 115     | 59.5  | 44.2  | 66.4  |

Manual Integrations  
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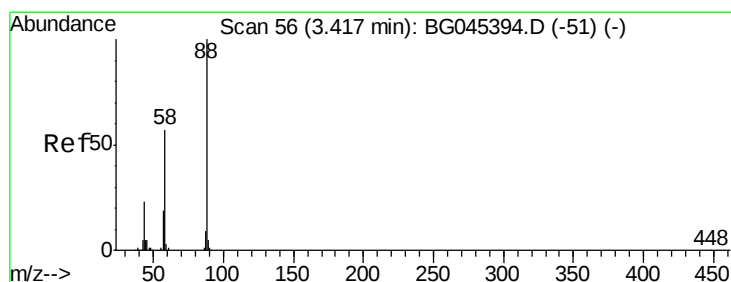
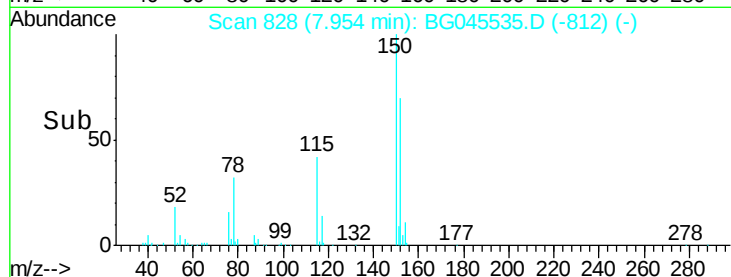
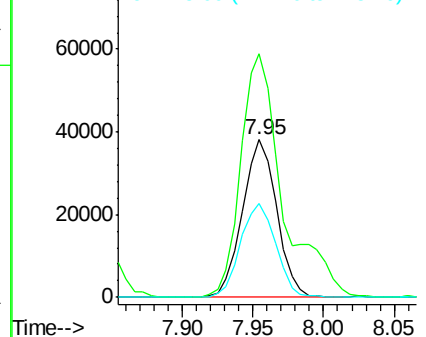


Abundance

Ion 152.00 (151.70 to 152.70): E

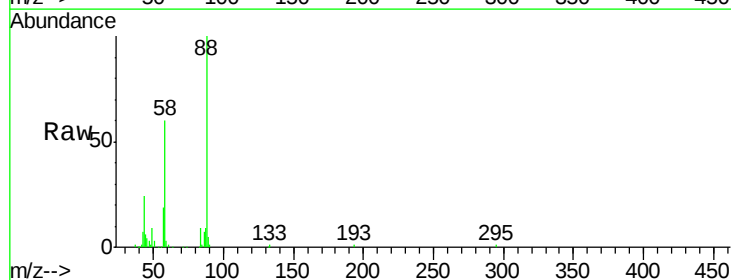
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2  
 1,4-Dioxane  
 Concen: 39.83 ng  
 RT: 3.40 min Scan# 53  
 Delta R.T. -0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 58.6  | 45.7  | 68.5  |
| 43      | 22.1  | 16.8  | 25.2  |

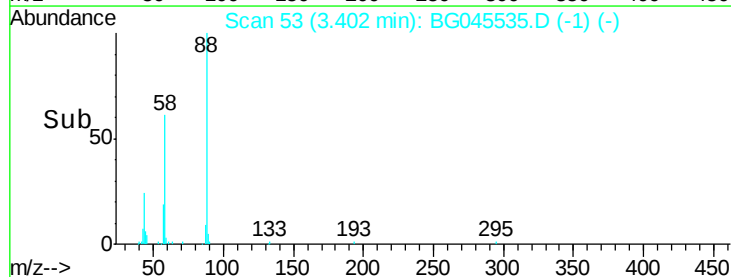
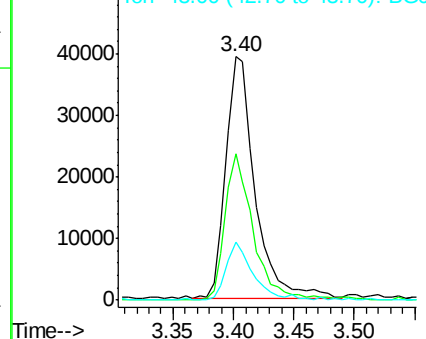


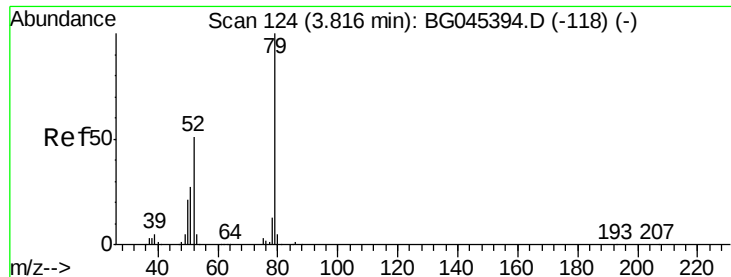
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 42.19 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

Instrument :

BNA\_G

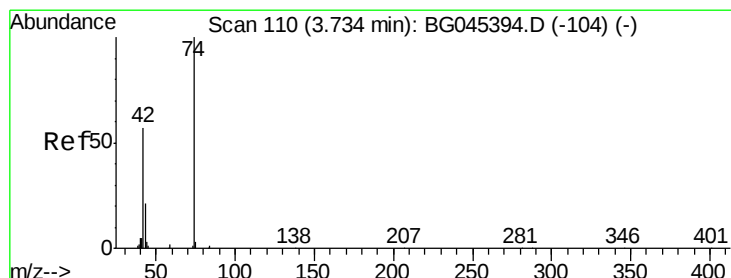
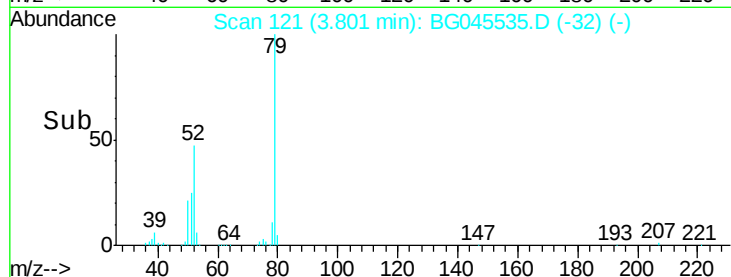
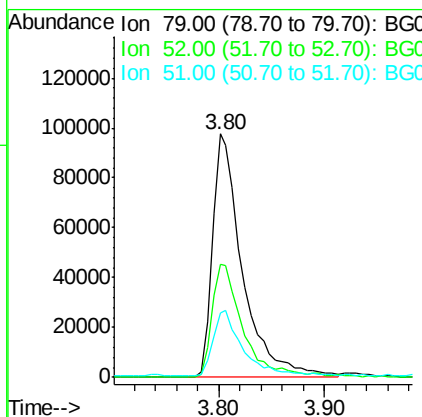
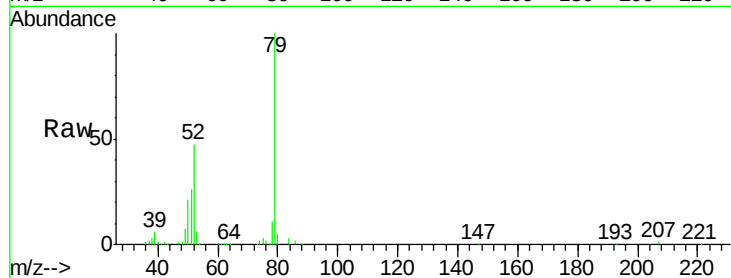
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 193484 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 46.6  | 40.8  | 61.2   |
| 51       | 26.4  | 21.9  | 32.9   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 43.10 ng

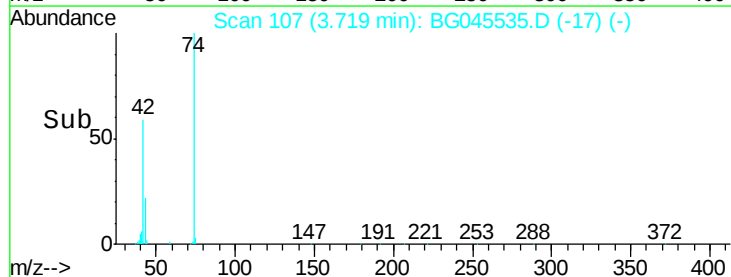
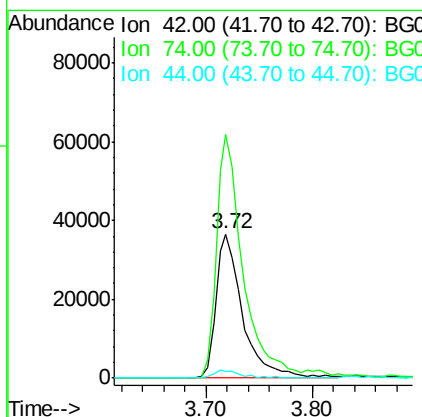
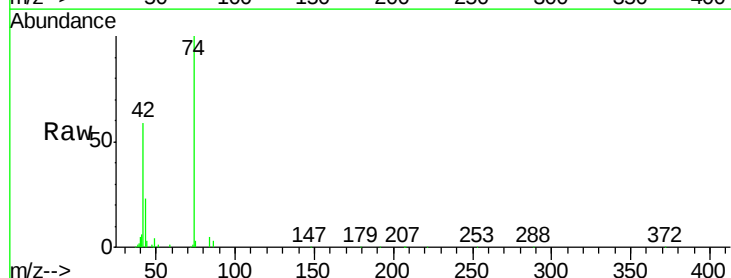
RT: 3.72 min Scan# 107

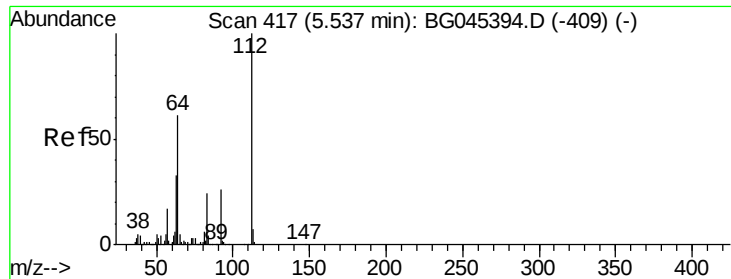
Delta R.T. 0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 64669 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 169.0 | 141.3 | 211.9 |
| 44       | 4.7   | 4.2   | 6.4   |





#5

2-Fluorophenol

Concen: 85.81 ng

RT: 5.55 min Scan# 418

Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

Instrument :

BNA\_G

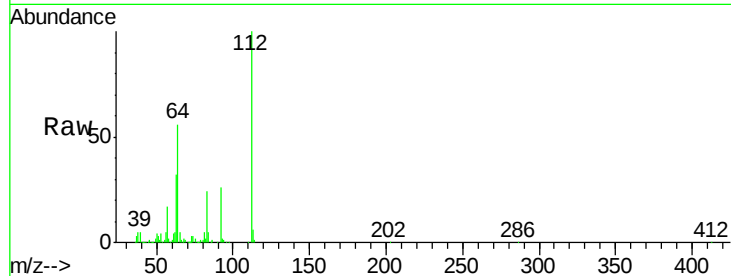
ClientSampleId :

SSTDCCC040

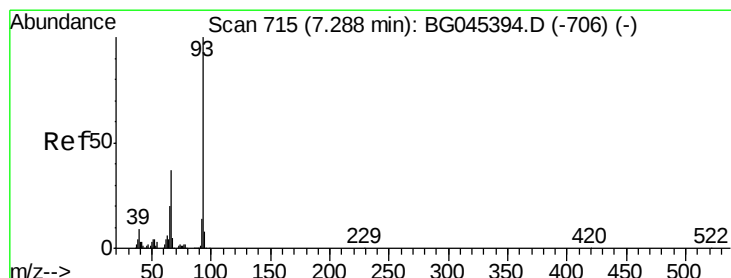
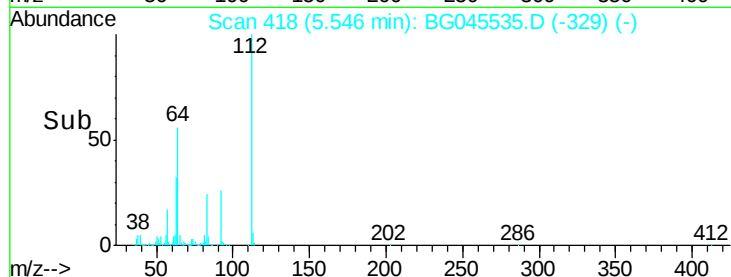
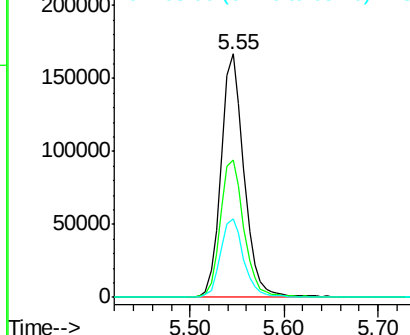
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 284929 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 56.3  | 48.6  | 72.8   |
| 63        | 32.1  | 26.5  | 39.7   |

Manual Integrations  
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Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.44 ng

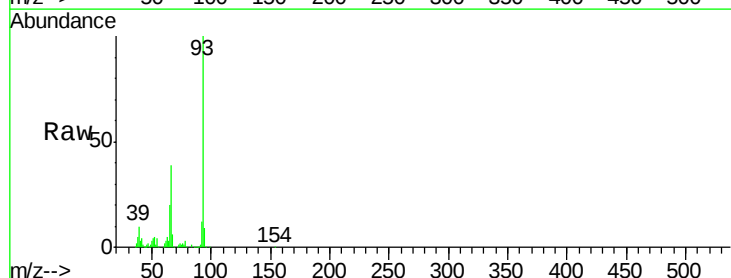
RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

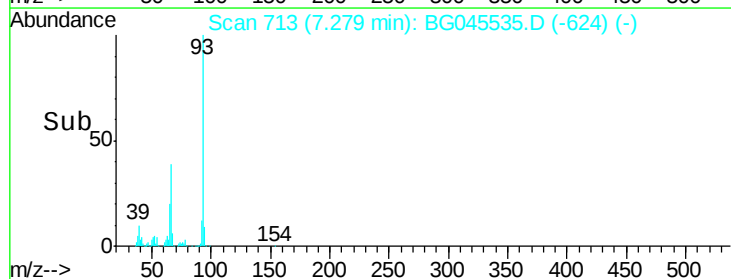
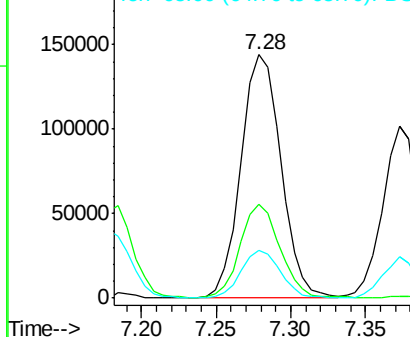
Lab File: BG045535.D

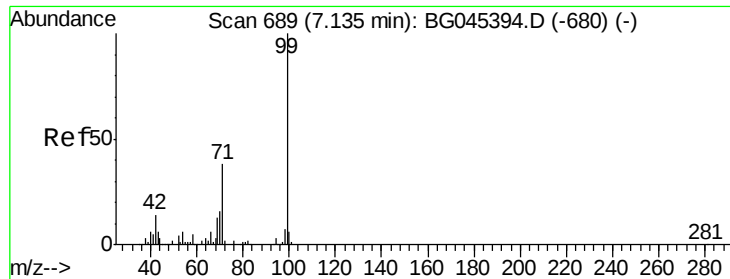
Acq: 30 May 2020 00:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 268019 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 38.8  | 29.6  | 44.4   |
| 65        | 19.6  | 15.9  | 23.9   |



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.34 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

Instrument :

BNA\_G

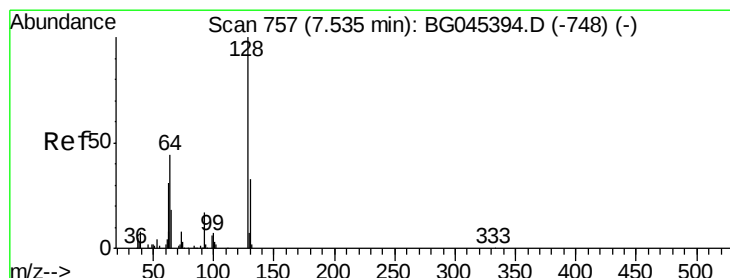
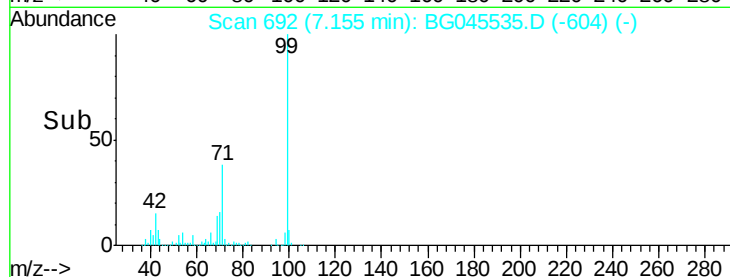
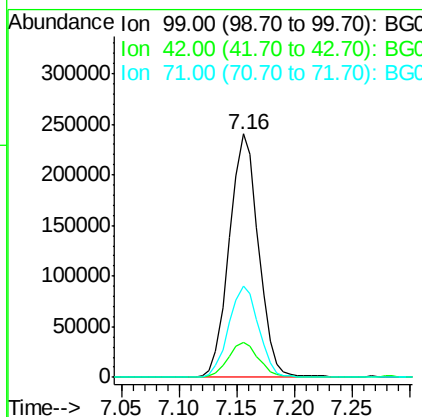
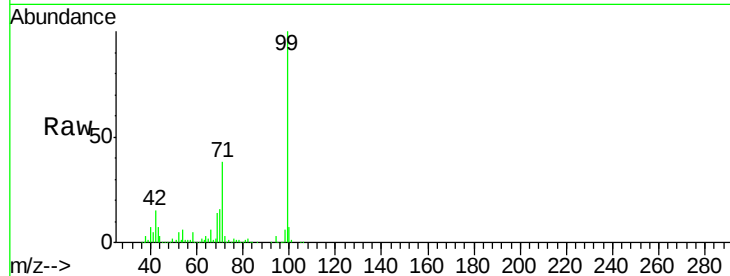
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 422235 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 14.5  | 11.3  | 16.9   |
| 71       | 37.7  | 30.8  | 46.2   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 43.40 ng

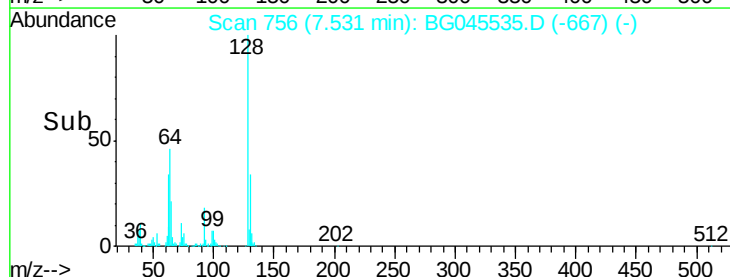
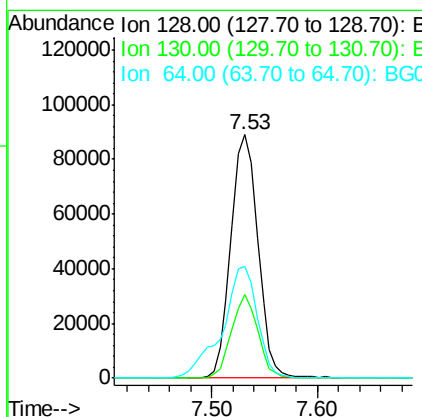
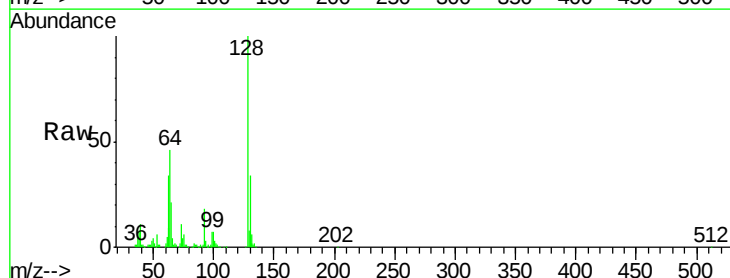
RT: 7.53 min Scan# 756

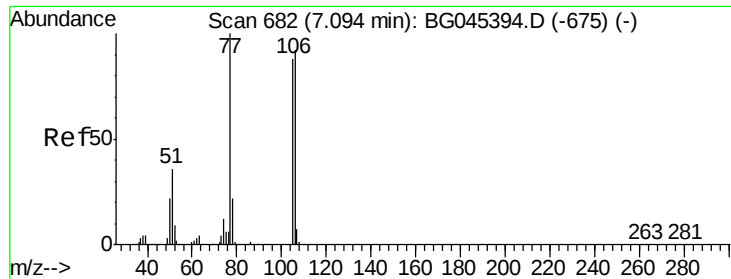
Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 158046 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 34.5  | 12.6  | 52.6   |
| 64       | 45.9  | 27.0  | 67.0   |





#9

Benzaldehyde

Concen: 41.44 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

Instrument :

BNA\_G

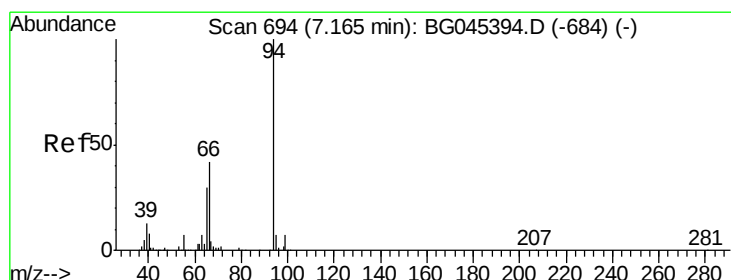
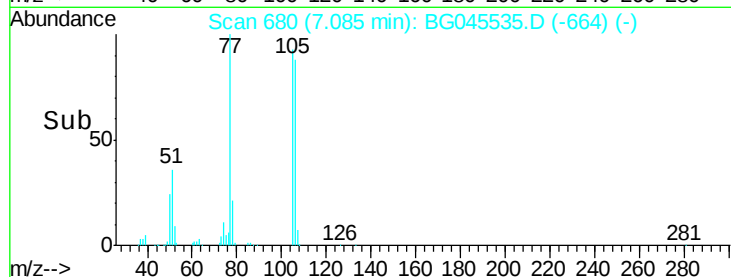
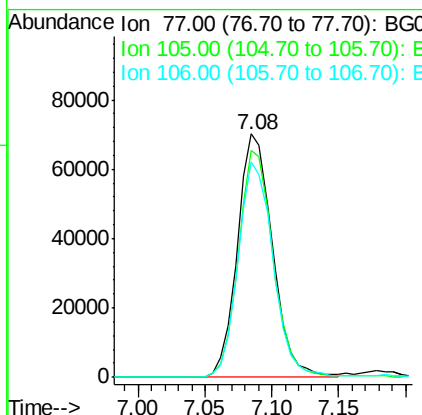
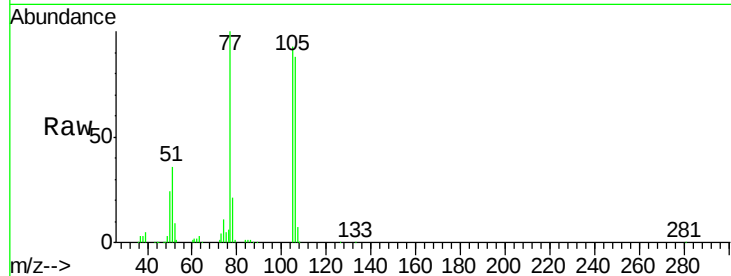
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 127589 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 93.0  | 68.5  | 108.5  |
| 106       | 88.3  | 71.6  | 111.6  |

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#10

Phenol

Concen: 43.93 ng

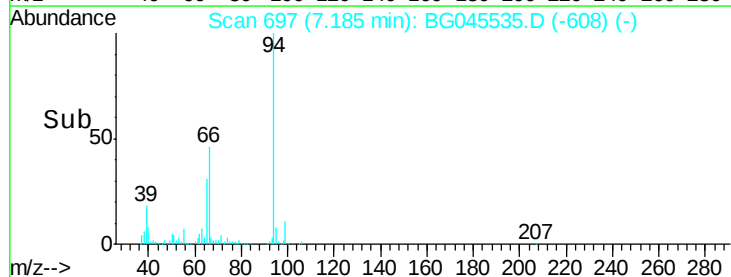
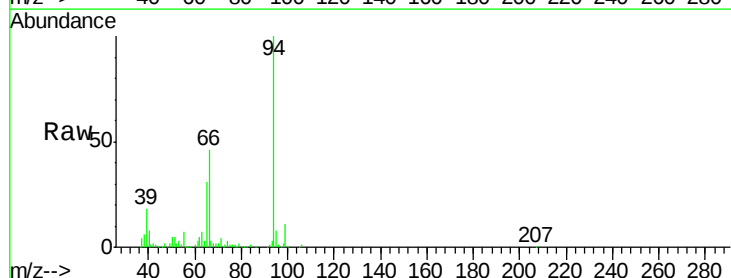
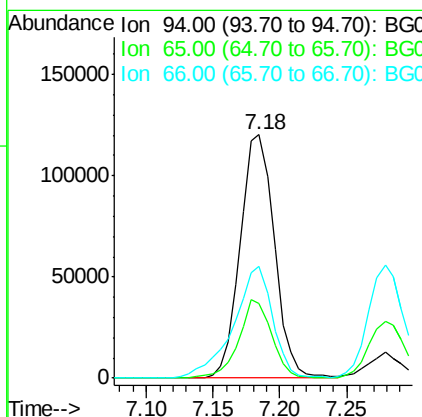
RT: 7.18 min Scan# 697

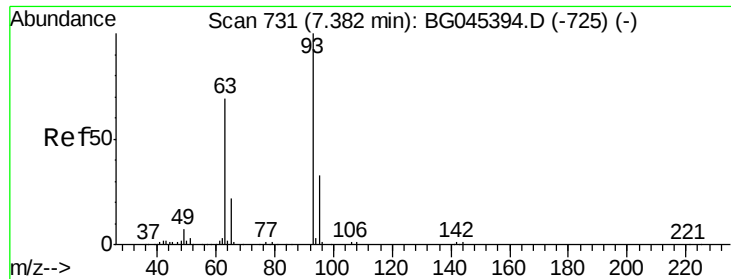
Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 213978 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 30.6  | 9.8   | 49.8   |
| 66        | 45.8  | 22.0  | 62.0   |





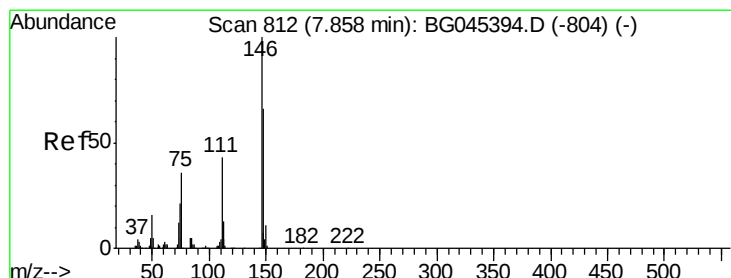
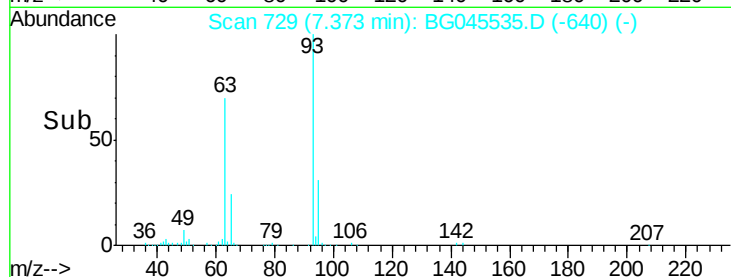
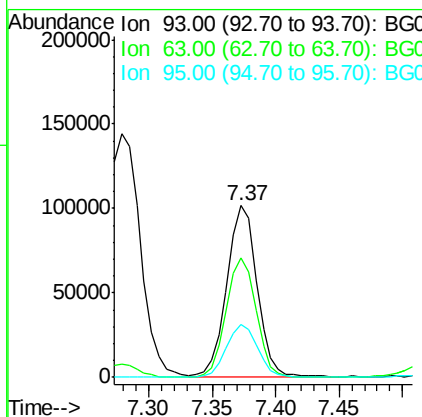
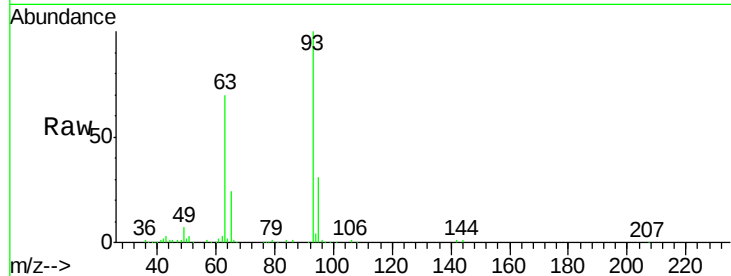
#11  
bis(2-Chloroethyl)ether  
Concen: 43.93 ng  
RT: 7.37 min Scan# 729  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 166881 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 70.0  | 48.4  | 88.4   |
| 95       | 30.7  | 12.4  | 52.4   |

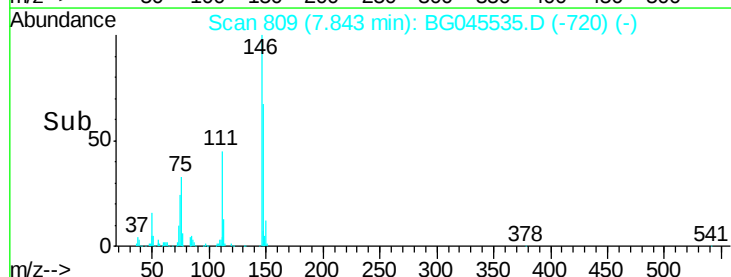
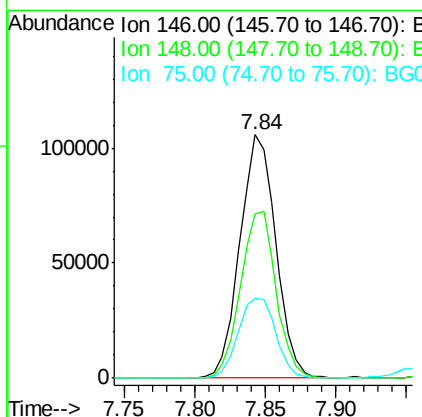
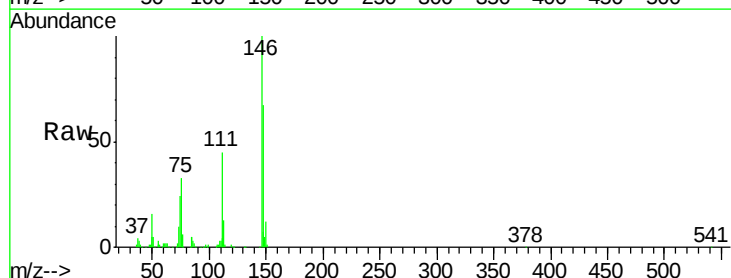
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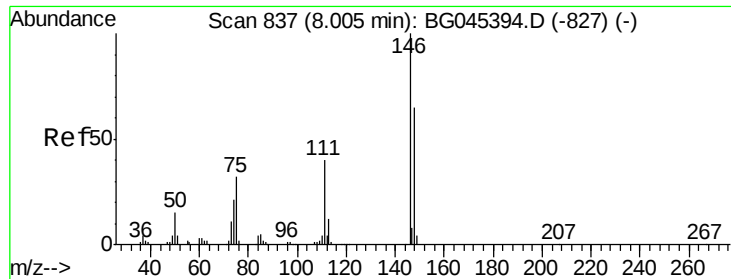
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#12  
1,3-Dichlorobenzene  
Concen: 43.06 ng  
RT: 7.84 min Scan# 809  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 188420 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 67.3  | 53.2  | 79.8   |
| 75       | 33.0  | 28.6  | 43.0   |





#13

1,4-Dichlorobenzene

Concen: 43.96 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

Instrument :

BNA\_G

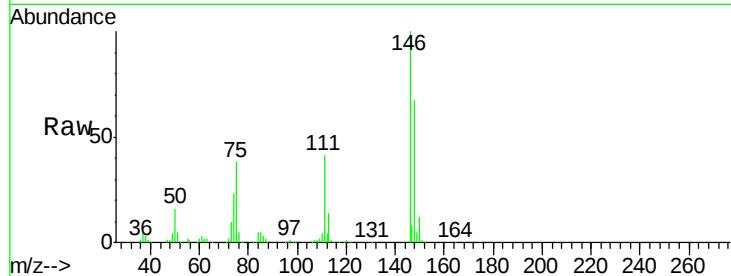
ClientSampleId :

SSTDCCC040

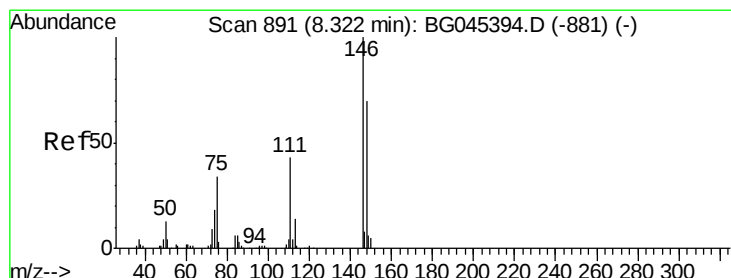
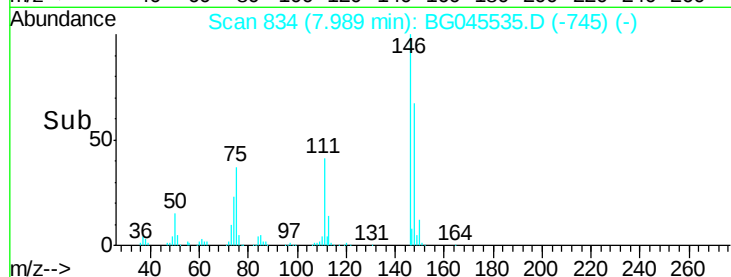
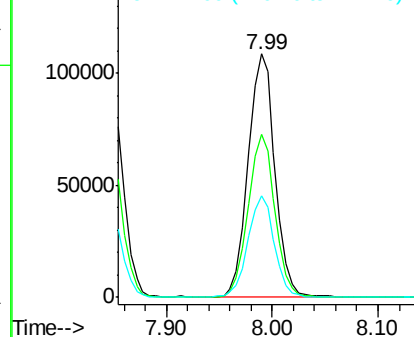
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 189841 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.8  | 51.8  | 77.8   |
| 111       | 41.5  | 32.1  | 48.1   |

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Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.79 ng

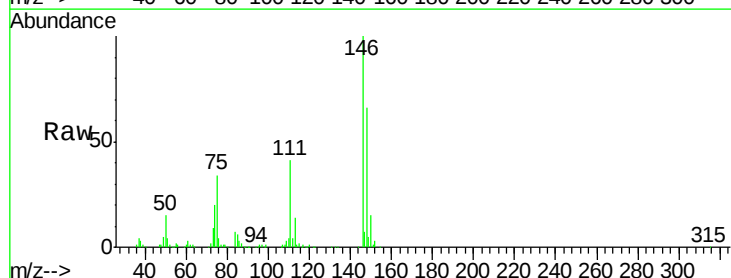
RT: 8.31 min Scan# 889

Delta R.T. 0.00 min

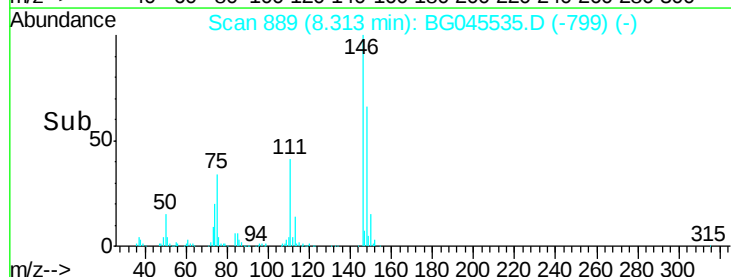
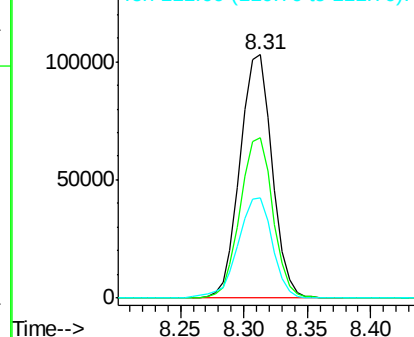
Lab File: BG045535.D

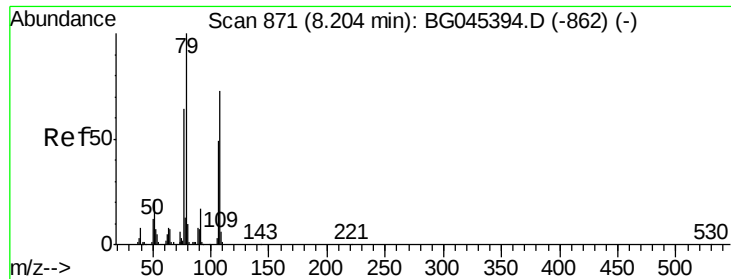
Acq: 30 May 2020 00:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 181891 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.1  | 55.9  | 83.9   |
| 111       | 41.1  | 35.0  | 52.4   |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.14 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

Instrument :

BNA\_G

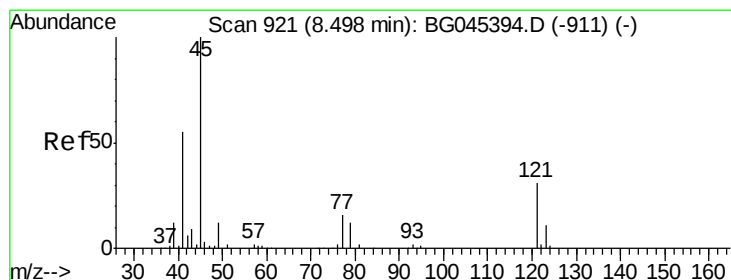
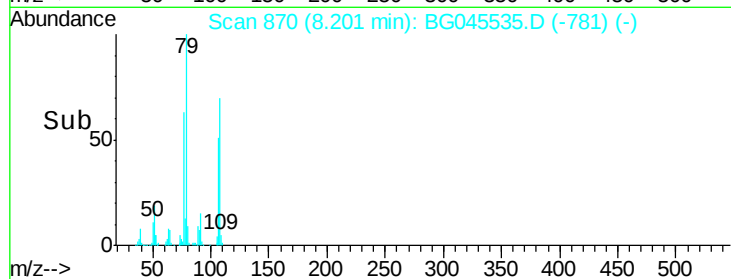
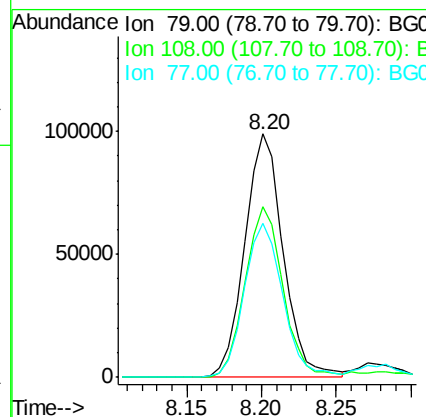
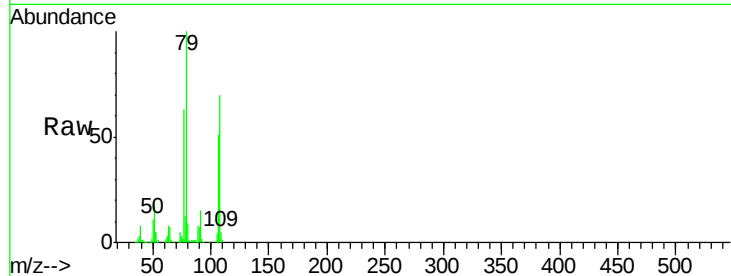
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 176227 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 70.2  | 58.2  | 87.4   |
| 77       | 63.1  | 51.0  | 76.4   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.59 ng

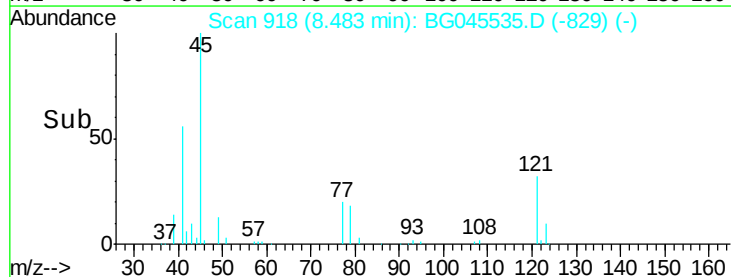
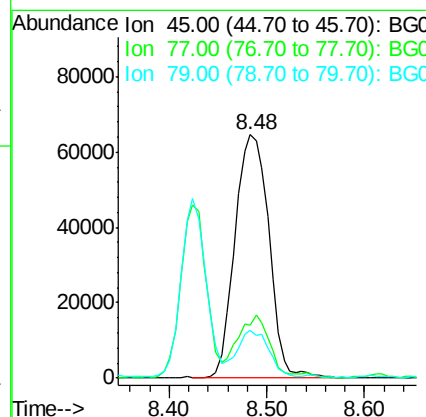
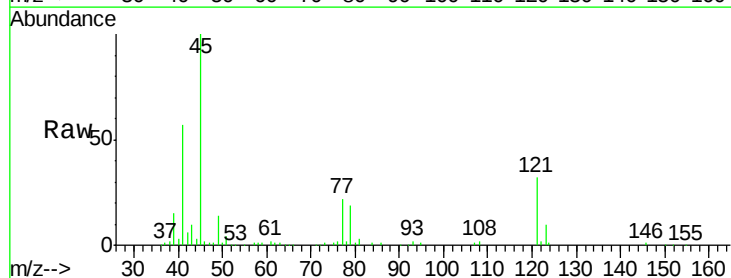
RT: 8.48 min Scan# 918

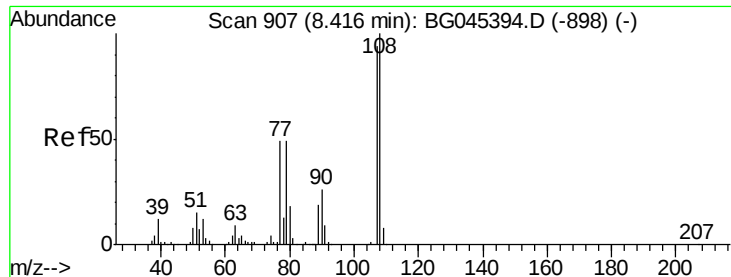
Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 157209 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 22.0  | 4.0   | 44.0   |
| 79       | 19.4  | 0.0   | 38.6   |





#17

2-Methylphenol

Concen: 44.80 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

Instrument :

BNA\_G

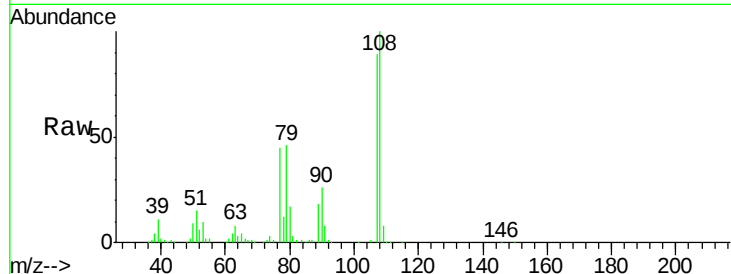
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 163327 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 111.8 | 85.2  | 127.8  |
| 77        | 49.9  | 41.6  | 62.4   |
| 79        | 51.5  | 41.8  | 62.8   |

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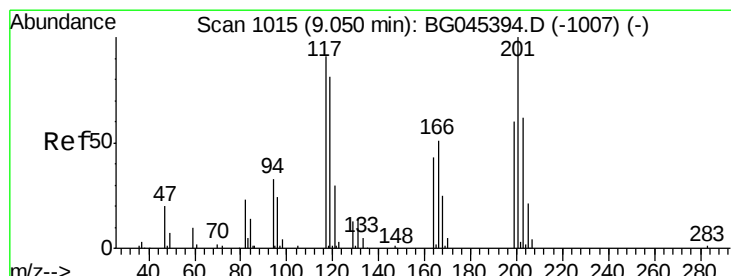
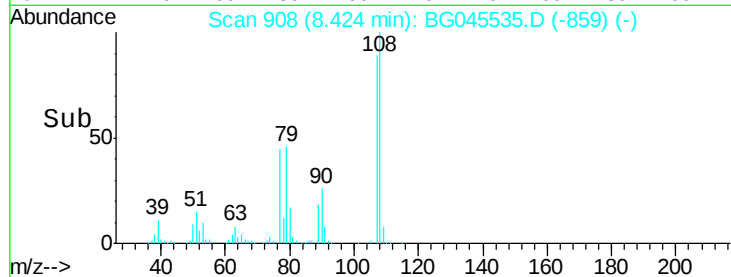
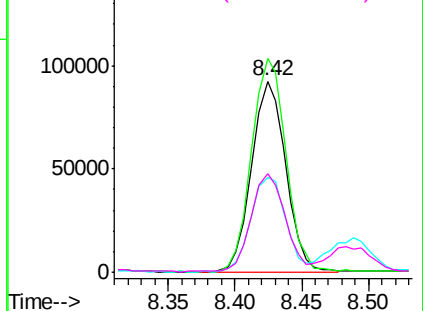
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.33 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

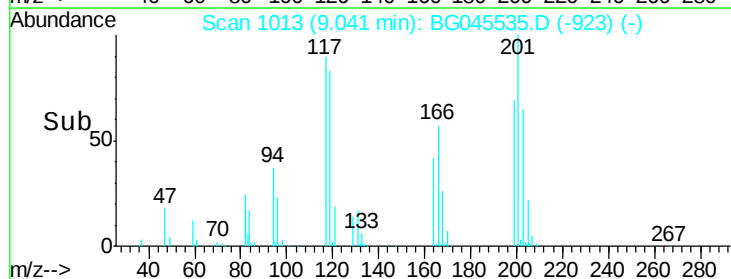
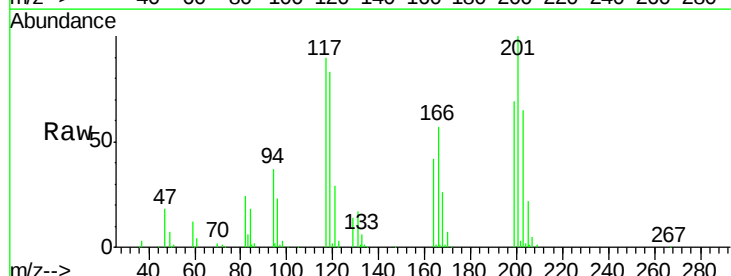
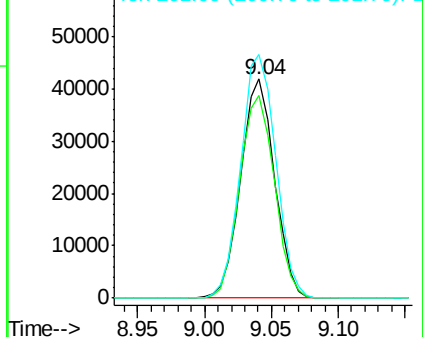
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 73316 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 92.6  | 71.3  | 106.9 |
| 201       | 111.3 | 87.5  | 131.3 |

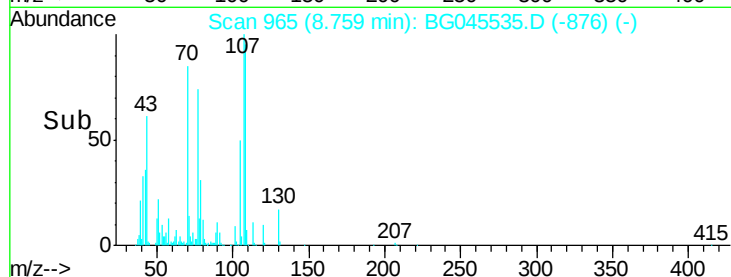
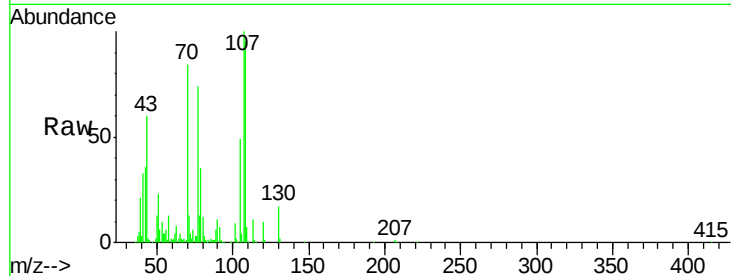
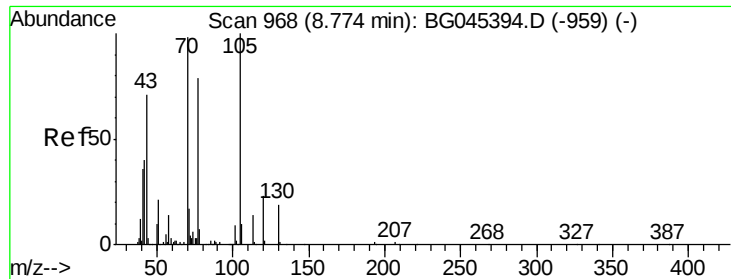
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





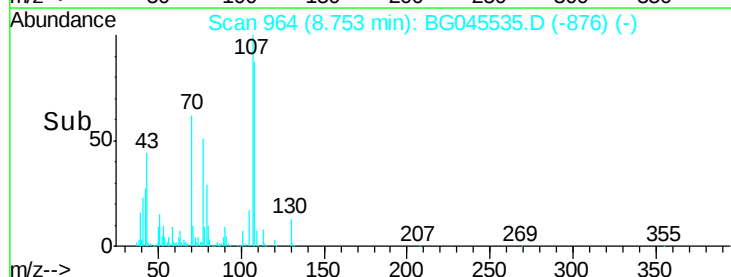
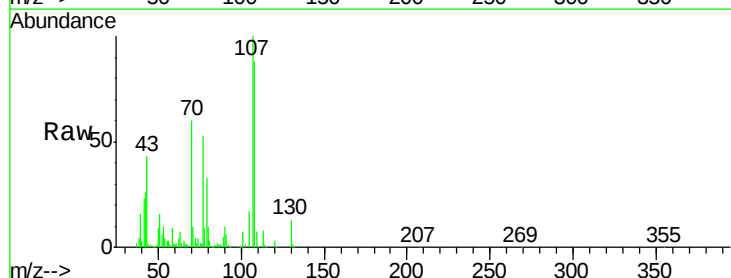
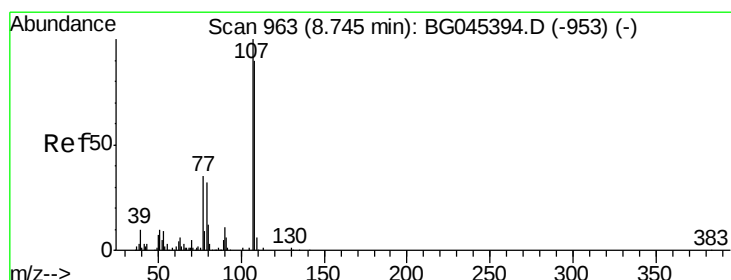
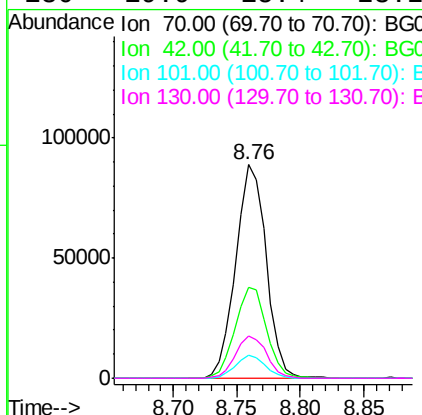
#19  
n-Nitroso-di-n-propylamine  
Concen: 45.34 ng  
RT: 8.76 min Scan# 965  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 148187 |       |       |
| 42      | 42.5 | 33.2  | 49.8   |       |       |
| 101     | 10.7 | 7.8   | 11.6   |       |       |
| 130     | 19.9 | 15.4  | 23.2   |       |       |

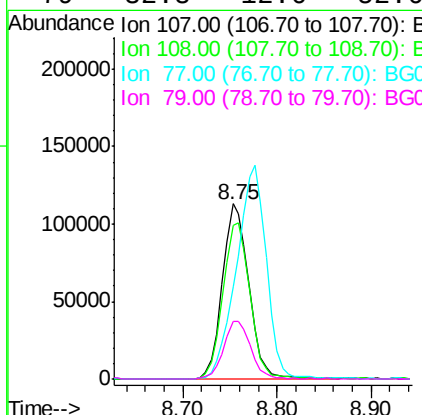
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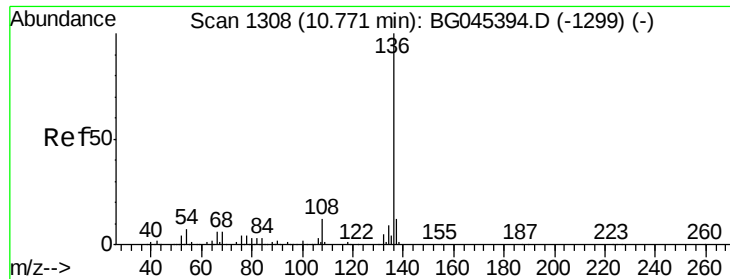
mohammad  
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#20  
3+4-Methylphenols  
Concen: 44.76 ng  
RT: 8.75 min Scan# 964  
Delta R.T. -0.01 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 222193 |       |       |
| 108     | 87.6 | 70.3  | 110.3  |       |       |
| 77      | 52.6 | 15.4  | 55.4   |       |       |
| 79      | 32.8 | 12.6  | 52.6   |       |       |





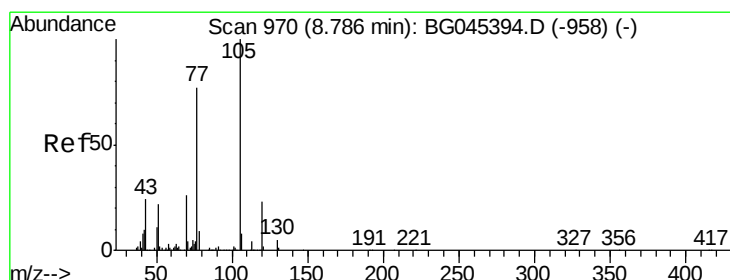
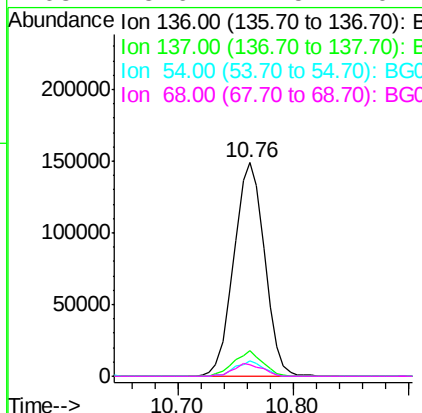
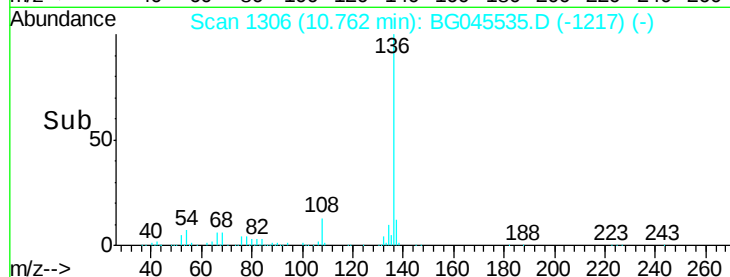
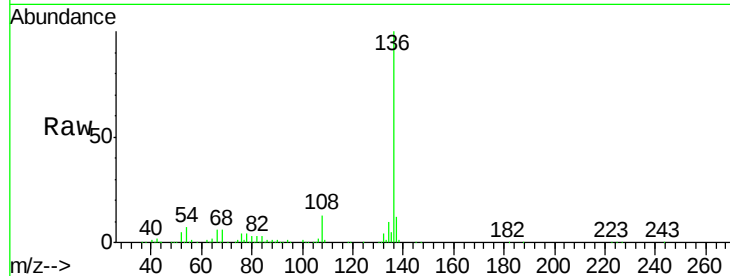
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.76 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 274063 |       |       |
| 137     | 12.1  |        | 9.4   | 14.2  |
| 54      | 7.2   |        | 5.8   | 8.6   |
| 68      | 5.6   |        | 4.5   | 6.7   |

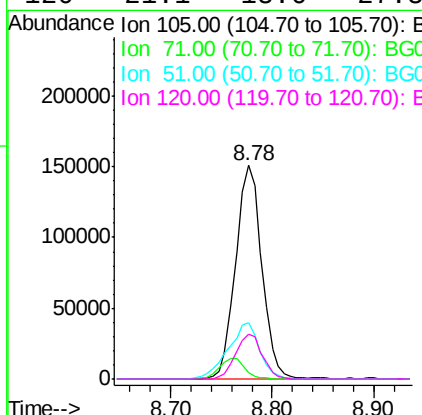
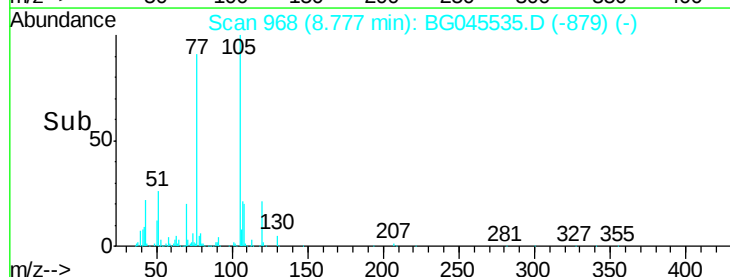
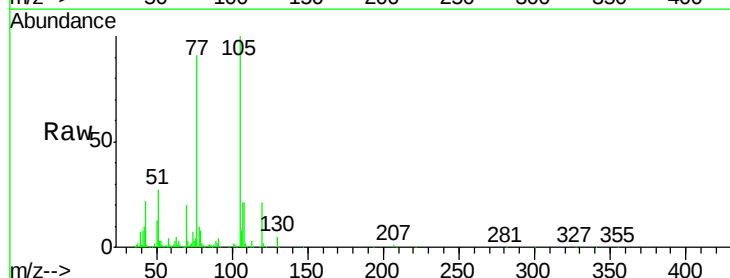
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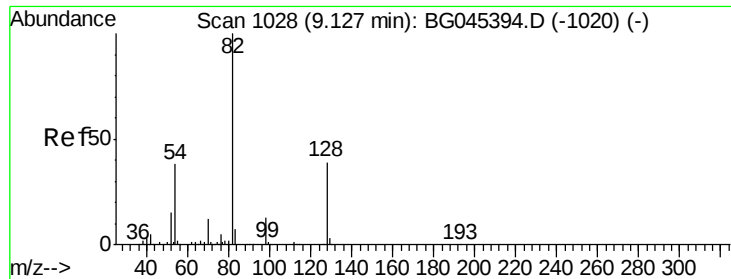
mohammad  
6/1/2020 12:22:47 PM



#22  
Acetophenone  
Concen: 41.82 ng  
RT: 8.78 min Scan# 968  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 271623 |       |       |
| 71      | 3.1   |        | 3.4   | 5.0#  |
| 51      | 26.6  |        | 18.2  | 27.2  |
| 120     | 21.1  |        | 18.6  | 27.8  |





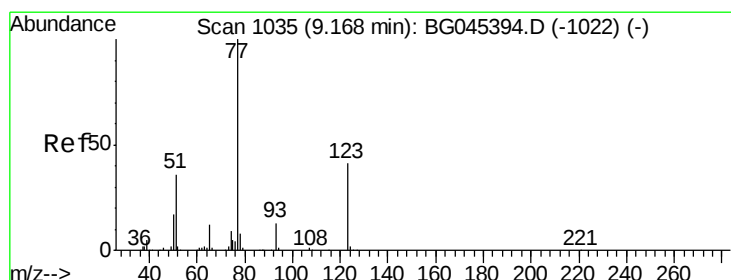
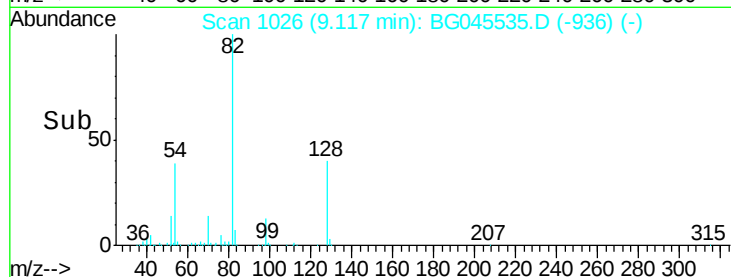
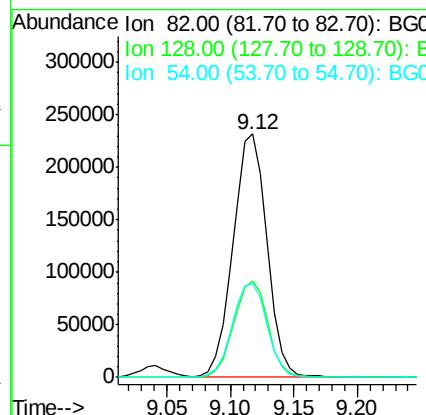
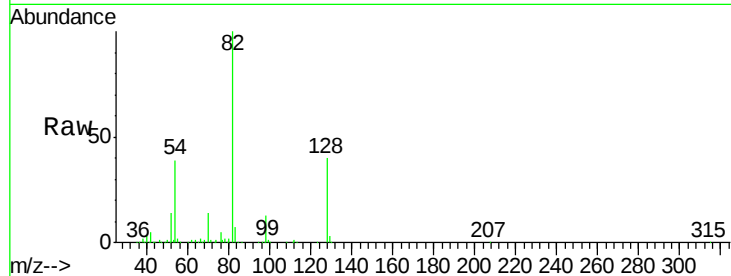
#23  
 Nitrobenzene-d5  
 Concen: 84.76 ng  
 RT: 9.12 min Scan# 1026  
 Delta R.T. 0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.6  | 30.9  | 46.3  |
| 54      | 38.8  | 30.3  | 45.5  |

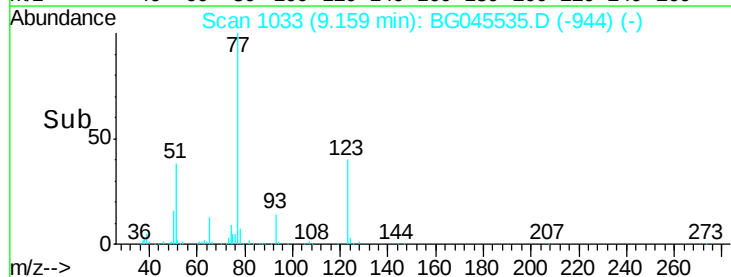
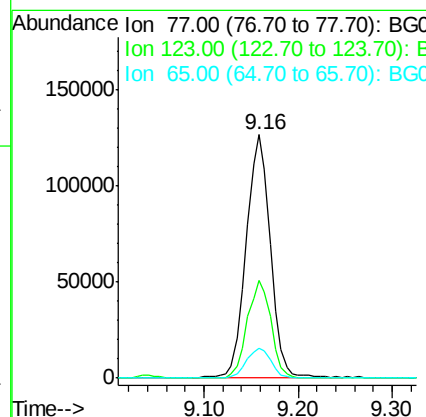
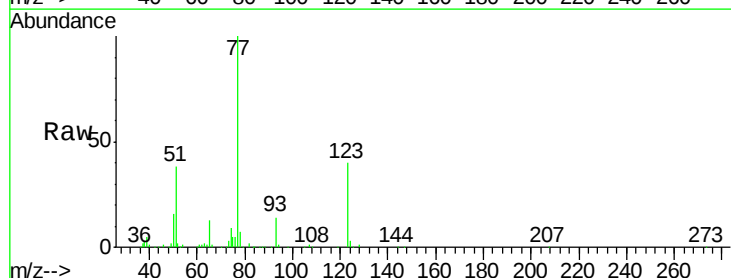
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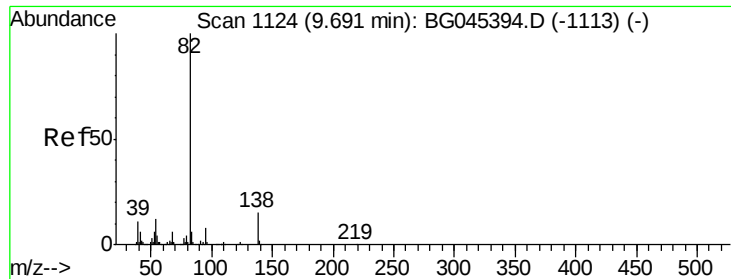
mohammad  
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#24  
 Nitrobenzene  
 Concen: 42.07 ng  
 RT: 9.16 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 40.1  | 32.9  | 49.3  |
| 65      | 12.5  | 9.4   | 14.2  |





#25

Isophorone

Concen: 42.62 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

Instrument :

BNA\_G

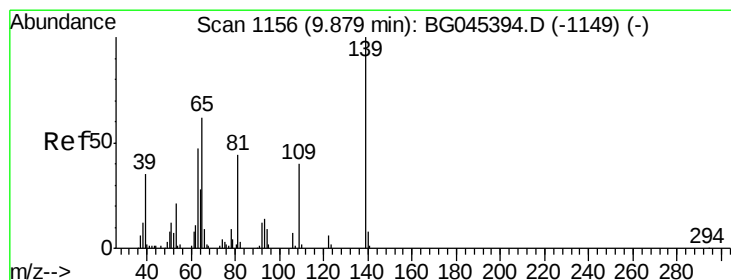
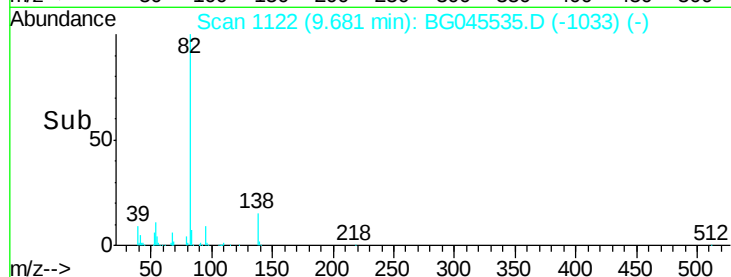
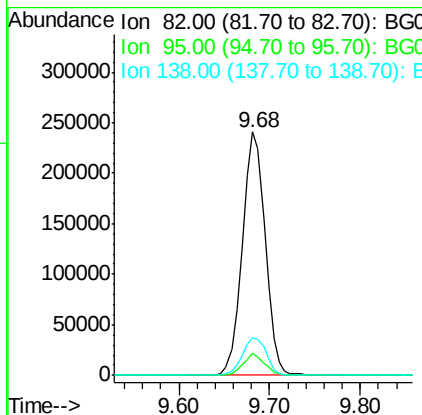
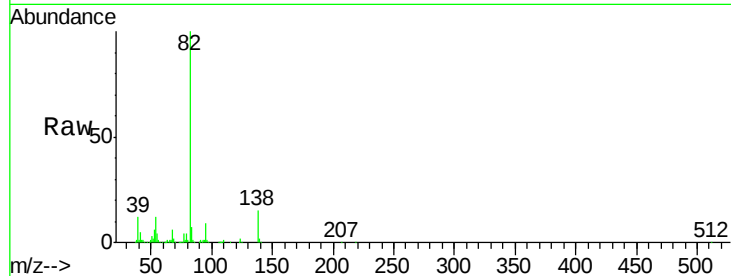
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 421796 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 9.2   | 6.7   | 10.1   |
| 138       | 15.3  | 12.2  | 18.4   |

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#26

2-Nitrophenol

Concen: 43.47 ng

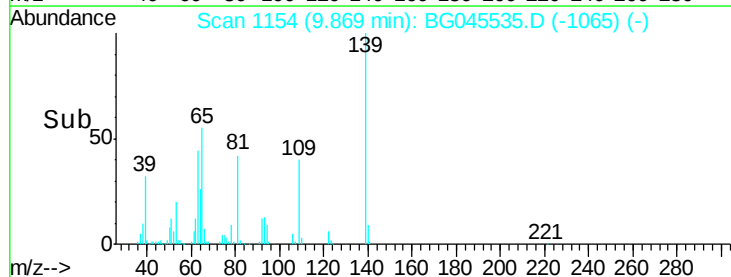
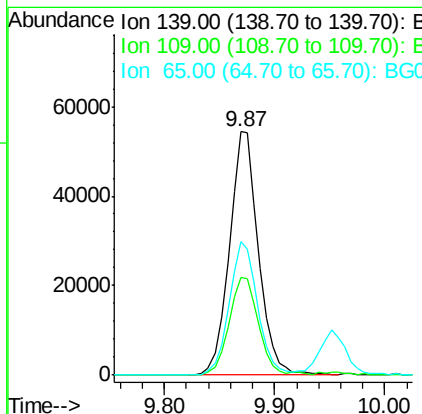
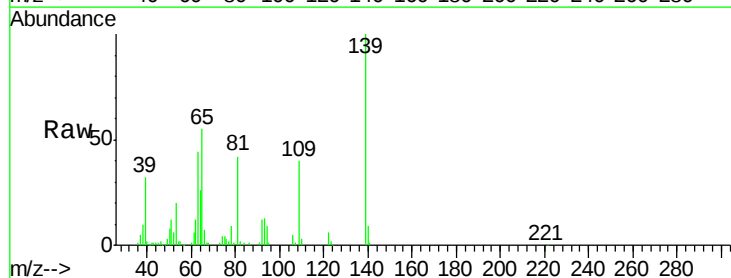
RT: 9.87 min Scan# 1154

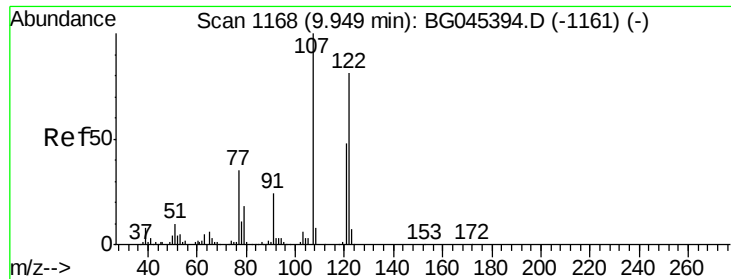
Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 100129 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 40.0  | 32.2  | 48.4   |
| 65        | 54.7  | 49.6  | 74.4   |





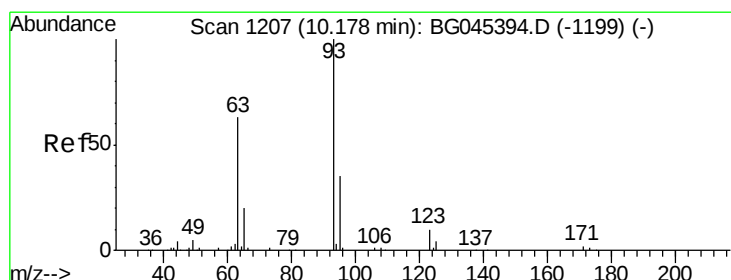
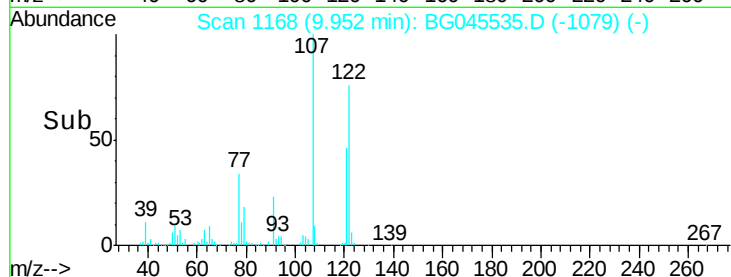
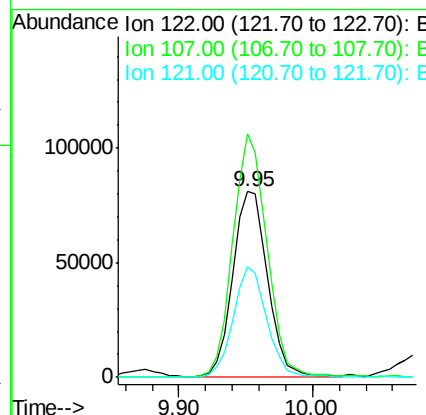
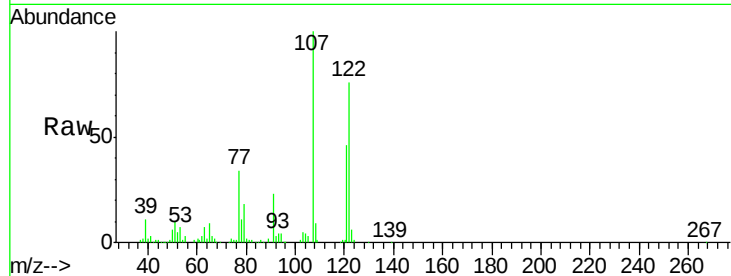
#27  
 2,4-Dimethylphenol  
 Concen: 43.35 ng  
 RT: 9.95 min Scan# 1168  
 Delta R.T. -0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 131.0 | 99.0  | 148.4 |
| 121     | 59.7  | 47.7  | 71.5  |

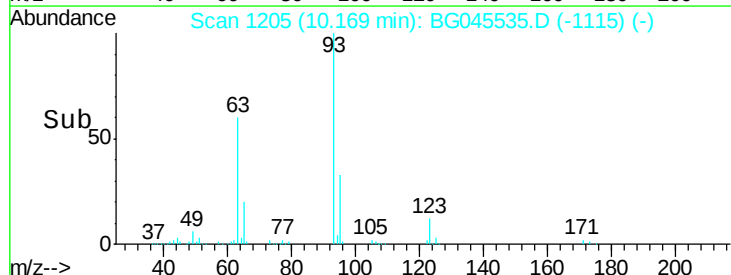
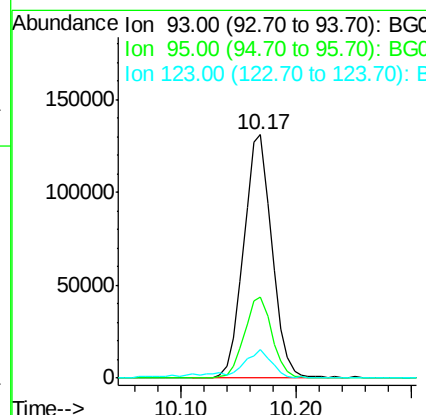
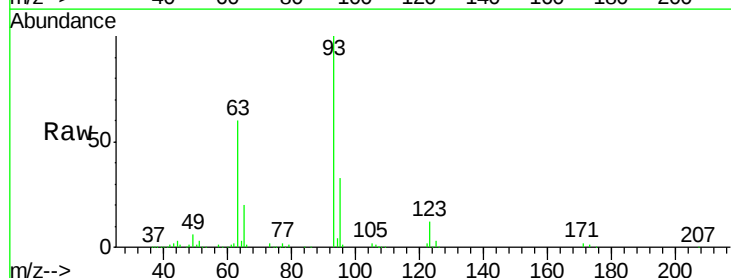
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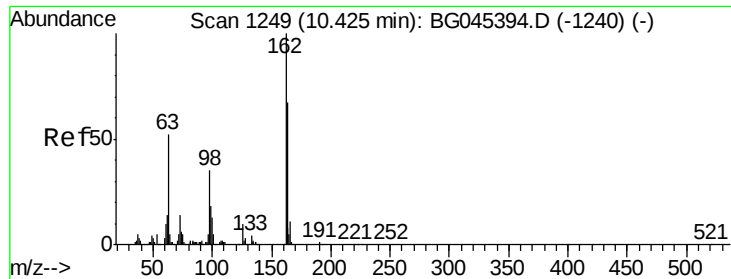
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.02 ng  
 RT: 10.17 min Scan# 1205  
 Delta R.T. 0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.2  | 27.6  | 41.4  |
| 123     | 11.8  | 8.1   | 12.1  |





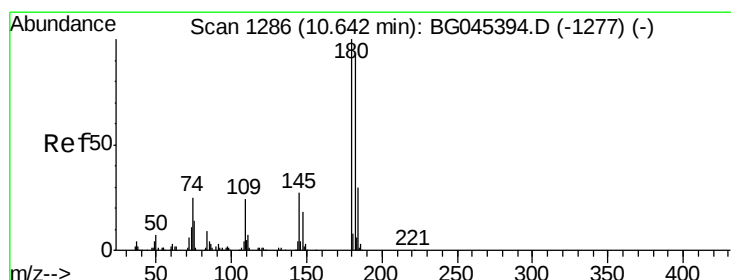
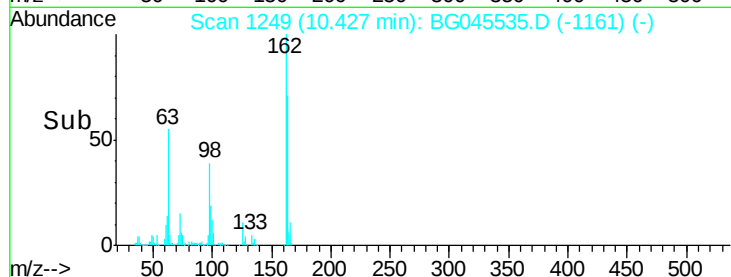
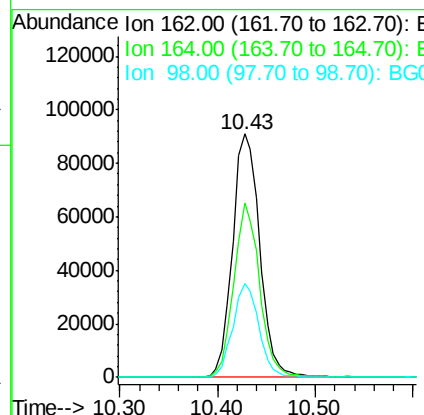
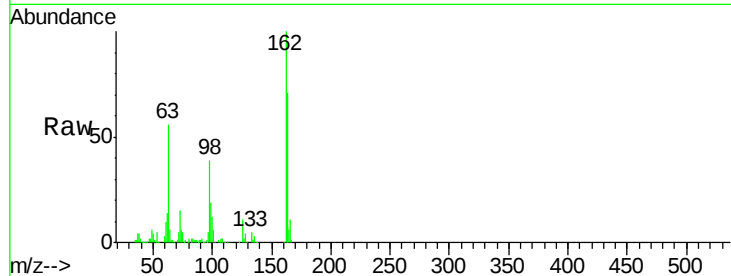
#29  
 2,4-Dichlorophenol  
 Concen: 43.74 ng  
 RT: 10.43 min Scan# 1249  
 Delta R.T. -0.01 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 176448 |       |       |
| 164     | 71.5  | 46.8   | 86.8  |       |
| 98      | 38.7  | 15.2   | 55.2  |       |

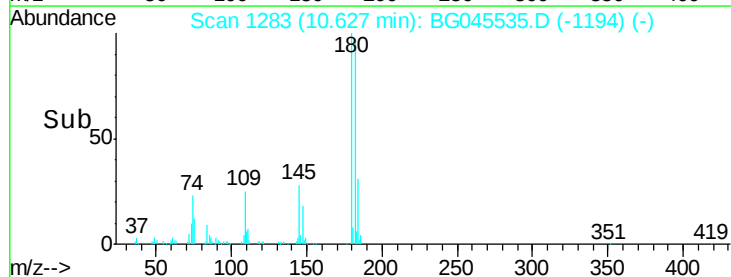
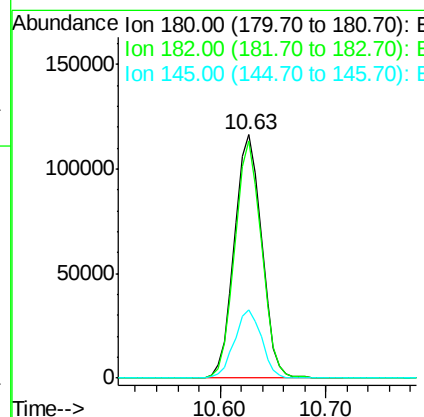
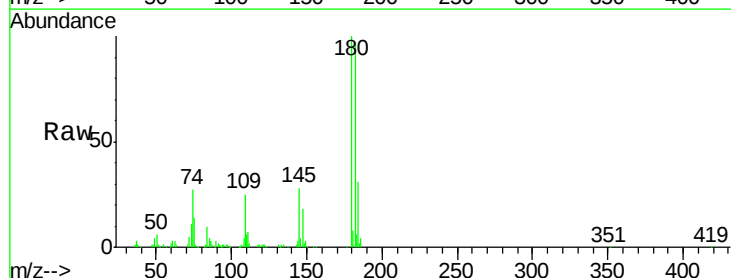
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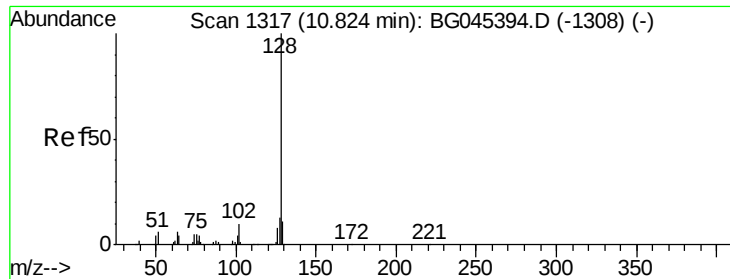
mohammad  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.54 ng  
 RT: 10.63 min Scan# 1283  
 Delta R.T. -0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 207582 |       |       |
| 182     | 97.2  | 74.8   | 112.2 |       |
| 145     | 28.0  | 21.9   | 32.9  |       |





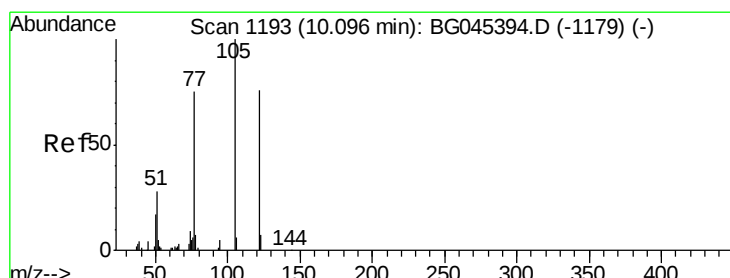
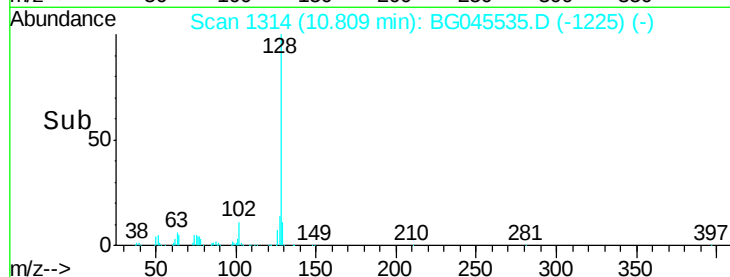
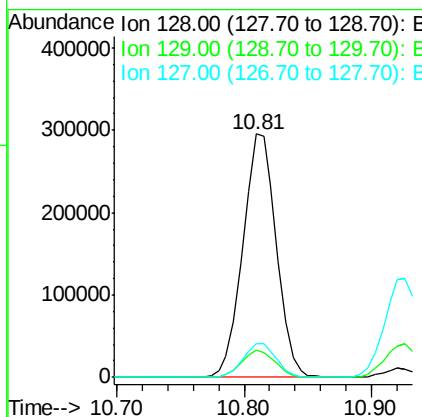
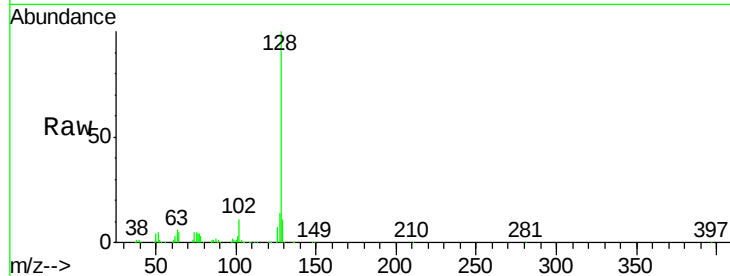
#31  
Naphthalene  
Concen: 42.40 ng  
RT: 10.81 min Scan# 1314  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 541495 |       |       |
| 129     | 11.3  | 9.0    | 13.6  |       |
| 127     | 13.6  | 10.7   | 16.1  |       |

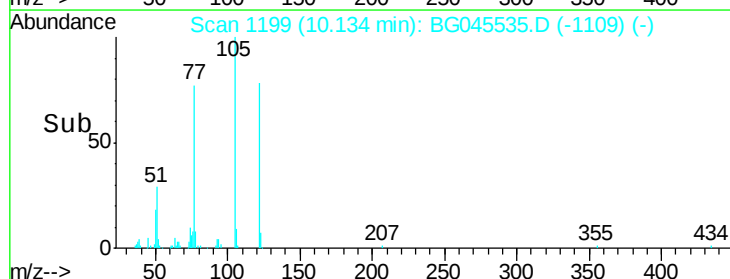
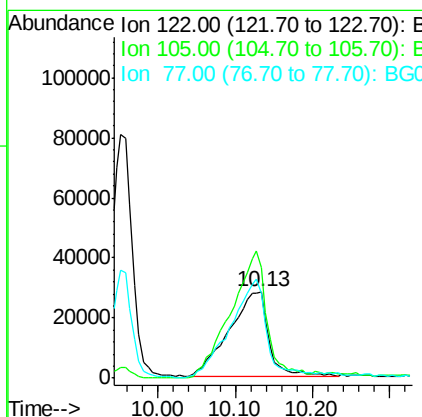
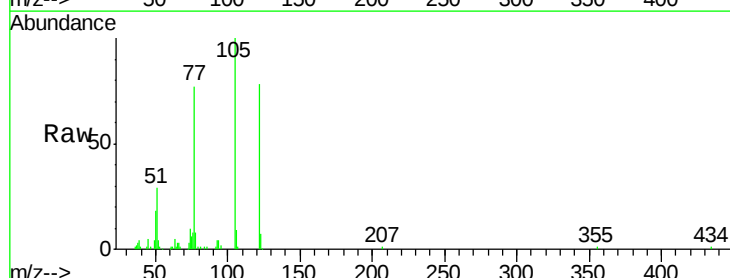
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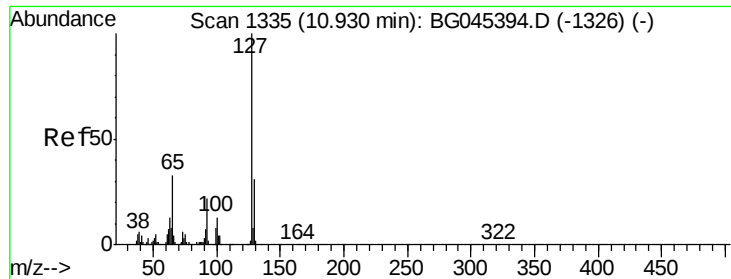
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#32  
Benzoic acid  
Concen: 44.99 ng  
RT: 10.13 min Scan# 1199  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 102681 |       |       |
| 105     | 127.4 | 107.9  | 147.9 |       |
| 77      | 98.1  | 78.9   | 118.9 |       |





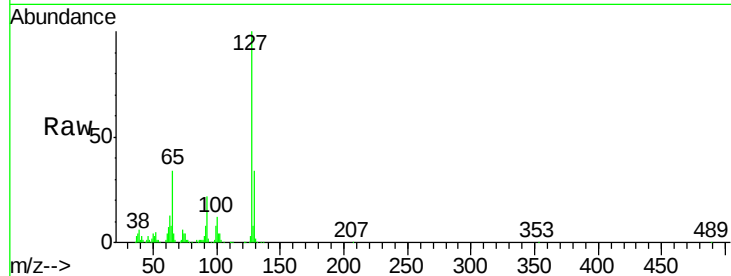
#33  
4-Chloroaniline  
Concen: 43.84 ng  
RT: 10.93 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

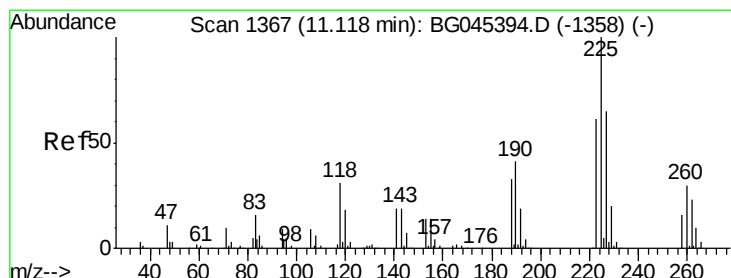
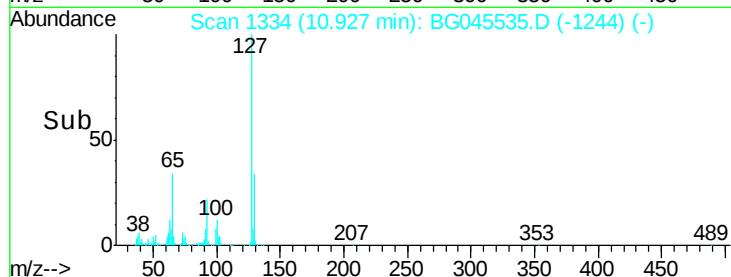
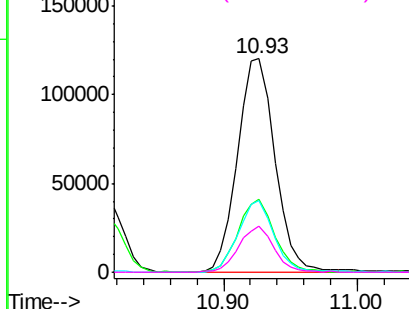
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 234037 |       |       |
| 129     | 34.1  | 24.7   | 37.1  |       |
| 65      | 33.7  | 26.2   | 39.2  |       |
| 92      | 21.7  | 17.9   | 26.9  |       |

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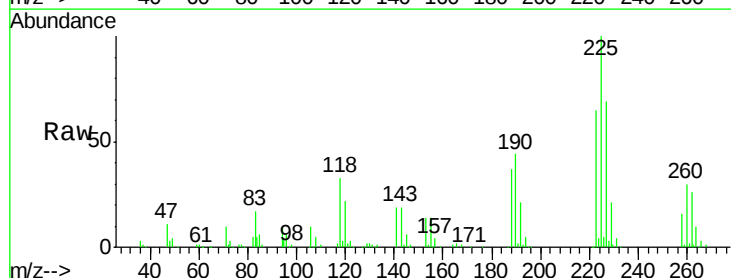


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

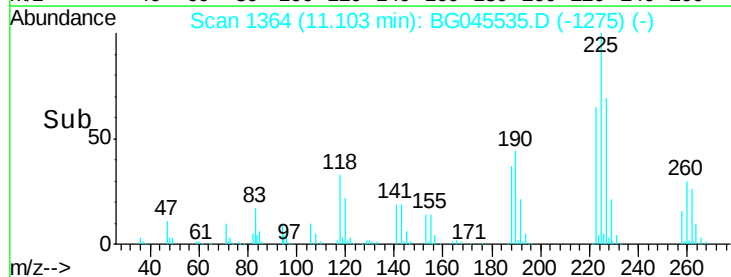
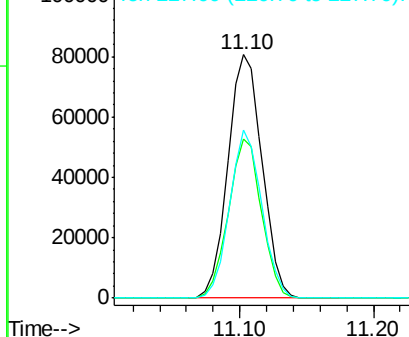


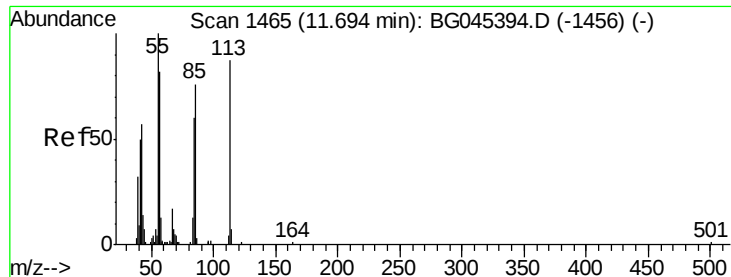
#34  
Hexachlorobutadiene  
Concen: 42.51 ng  
RT: 11.10 min Scan# 1364  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 143234 |       |       |
| 223     | 65.5  | 49.1   | 73.7  |       |
| 227     | 69.0  | 52.0   | 78.0  |       |



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





#35

Caprolactam

Concen: 40.97 ng

RT: 11.69 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

Instrument :

BNA\_G

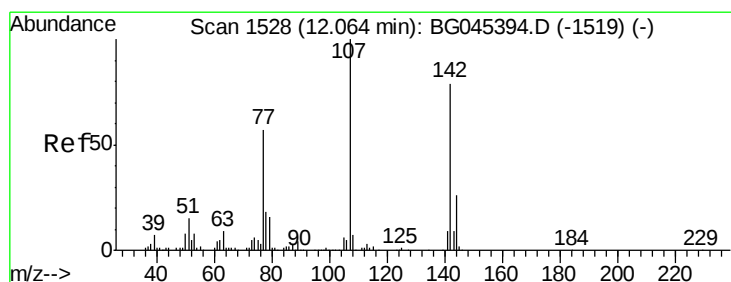
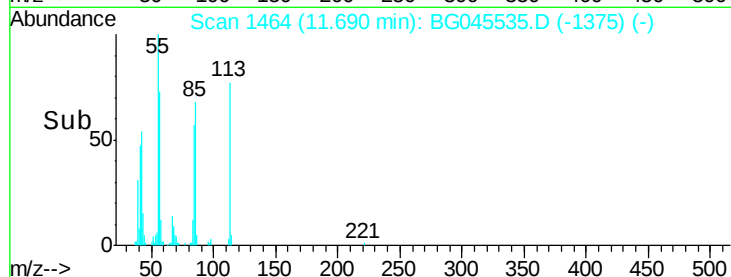
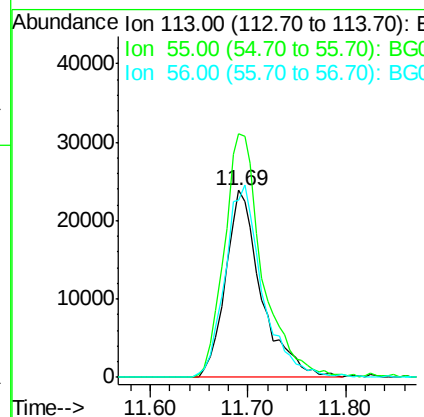
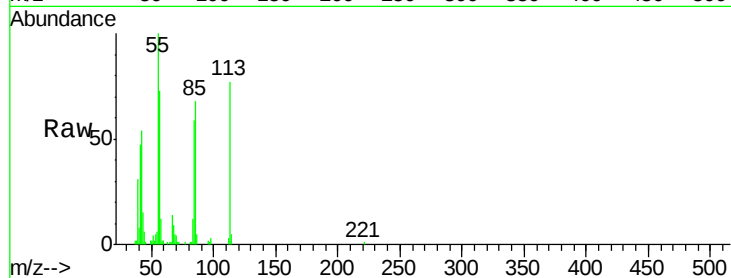
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 60674 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 130.1 | 96.0  | 136.0 |
| 56        | 94.8  | 75.1  | 115.1 |

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#36

4-Chloro-3-methylphenol

Concen: 43.70 ng

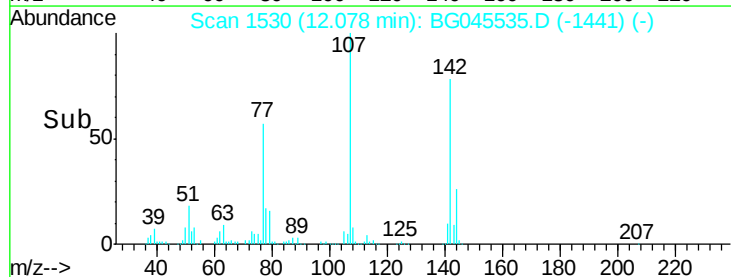
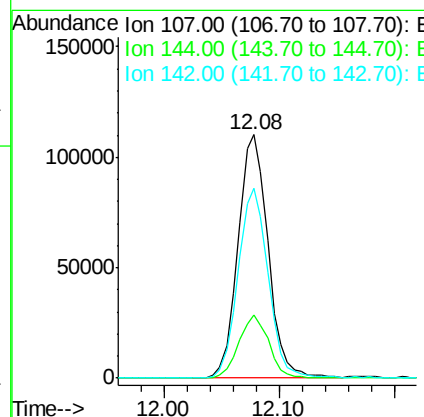
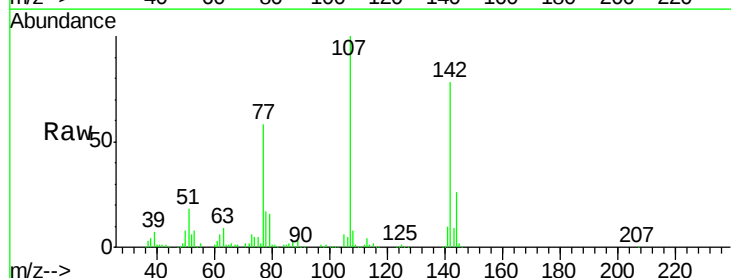
RT: 12.08 min Scan# 1530

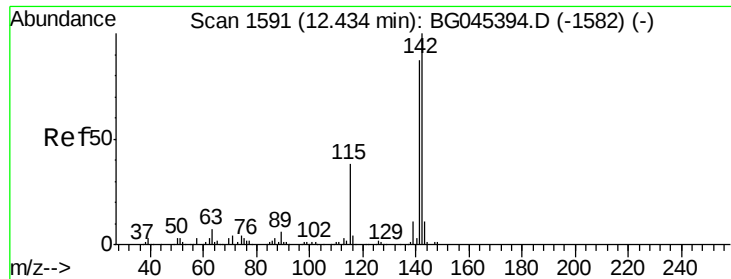
Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 198651 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 26.1  | 20.8  | 31.2   |
| 142       | 77.8  | 62.8  | 94.2   |





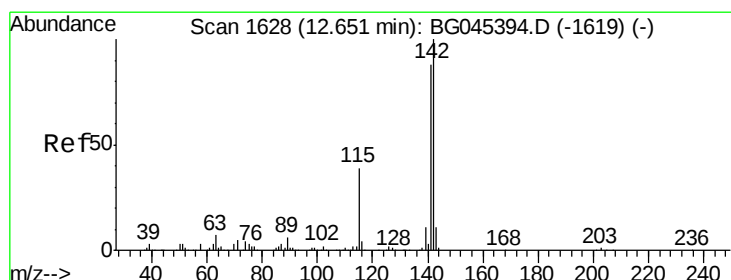
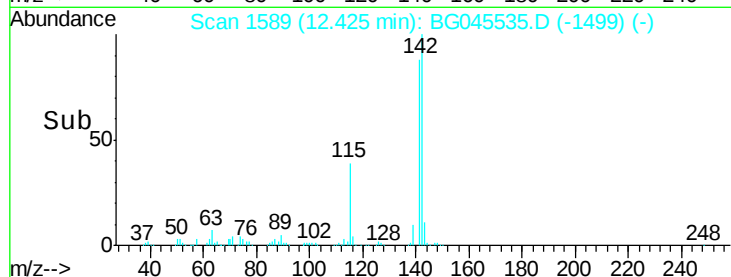
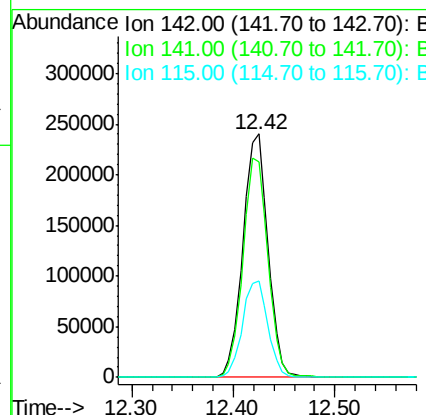
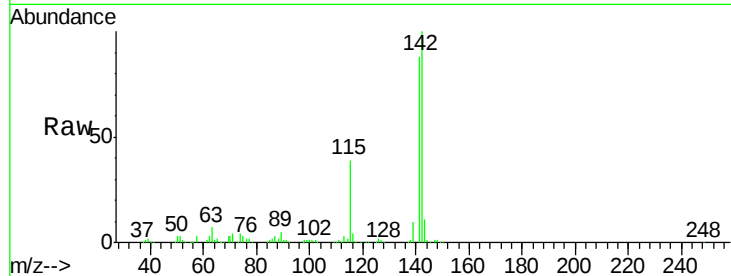
#37  
2-Methylnaphthalene  
Concen: 43.34 ng  
RT: 12.42 min Scan# 1589  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.4  | 70.0  | 105.0 |
| 115     | 39.4  | 30.8  | 46.2  |

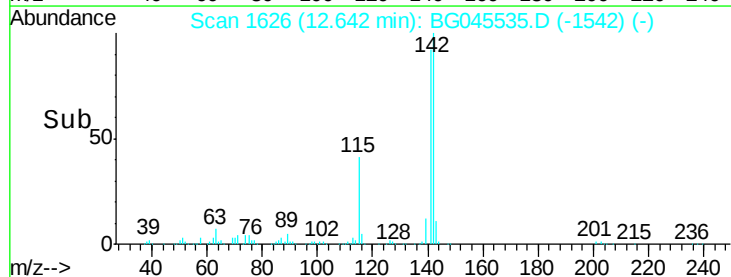
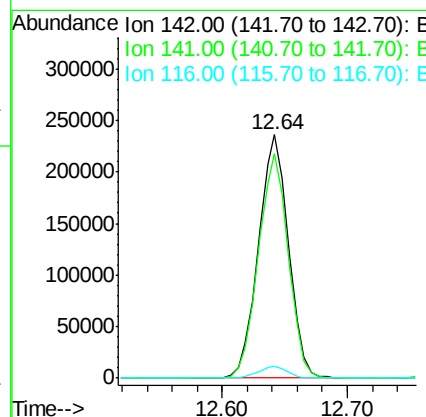
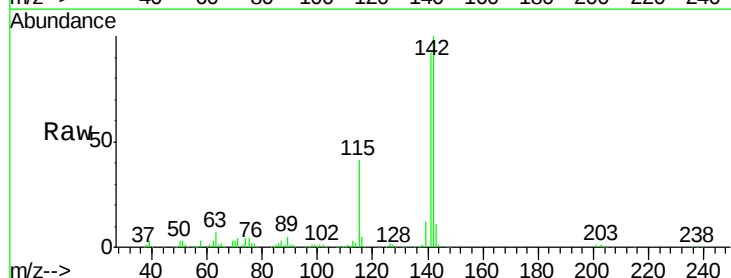
Manual Integrations  
APPROVED

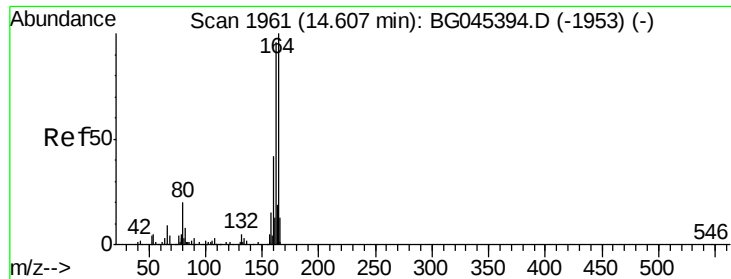
mohammad  
6/1/2020 12:22:47 PM



#38  
1-Methylnaphthalene  
Concen: 43.55 ng m  
RT: 12.64 min Scan# 1626  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.0  | 70.8  | 106.2 |
| 116     | 4.7   | 3.0   | 4.6#  |





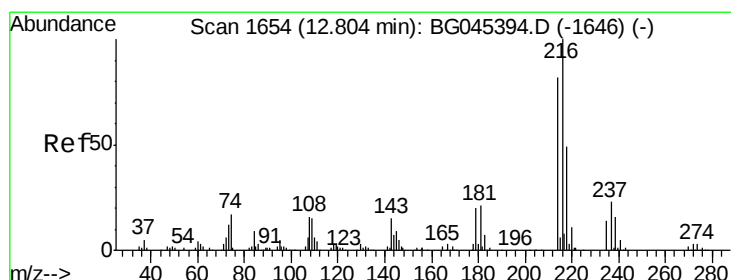
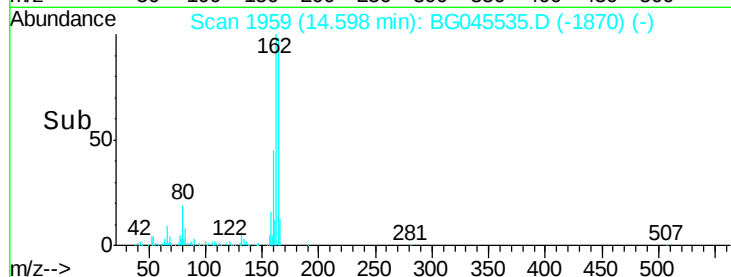
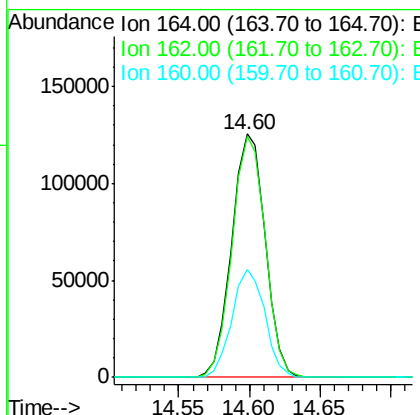
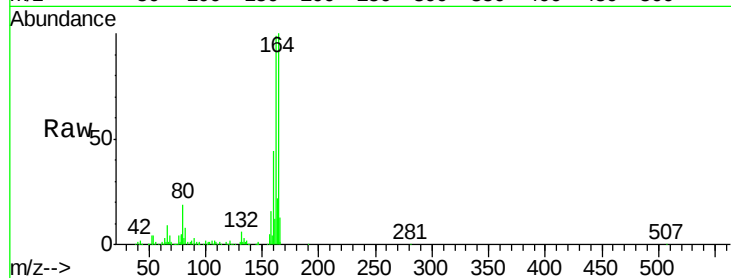
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.60 min Scan# 1959  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 98.8  | 76.9  | 115.3 |
| 160     | 44.1  | 33.8  | 50.8  |

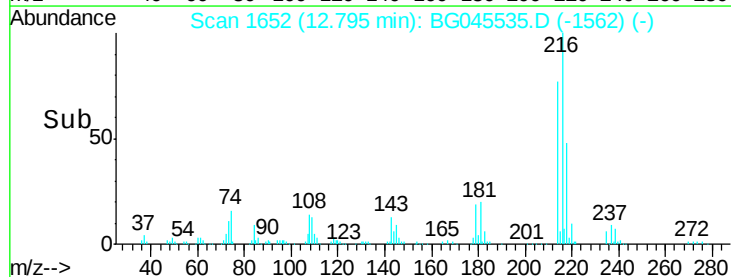
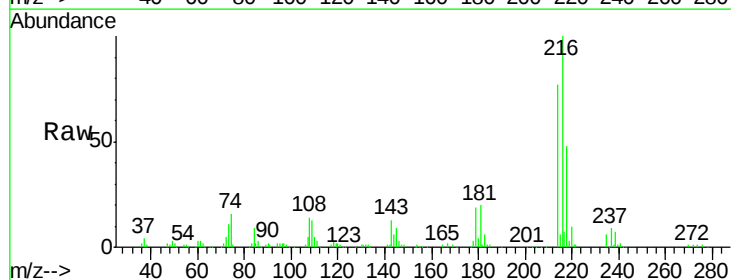
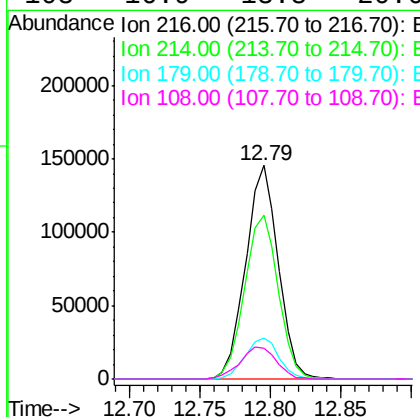
Manual Integrations  
APPROVED

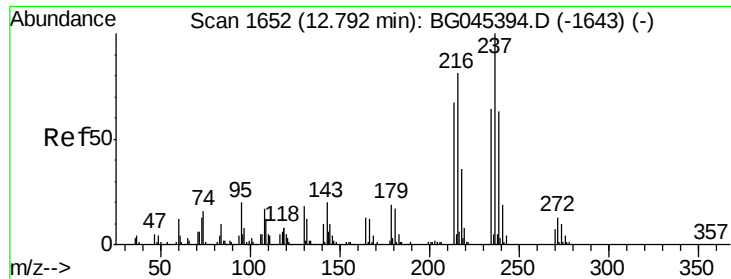
mohammad  
6/1/2020 12:22:47 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.65 ng  
RT: 12.79 min Scan# 1652  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.1  | 63.7  | 95.5  |
| 179     | 19.9  | 16.1  | 24.1  |
| 108     | 16.9  | 13.8  | 20.6  |





#41

Hexachlorocyclopentadiene

Concen: 33.38 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

Instrument :

BNA\_G

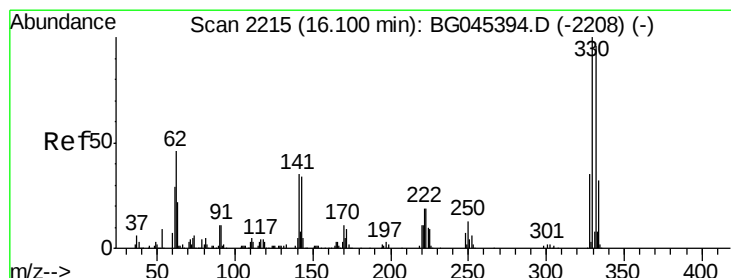
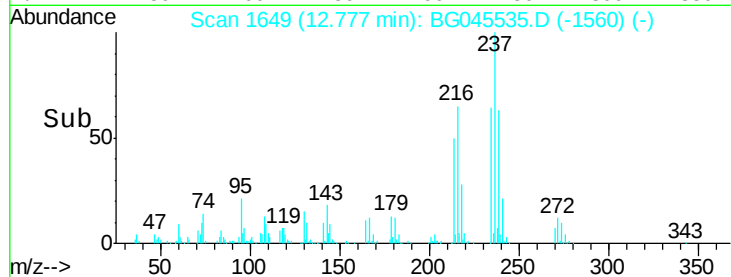
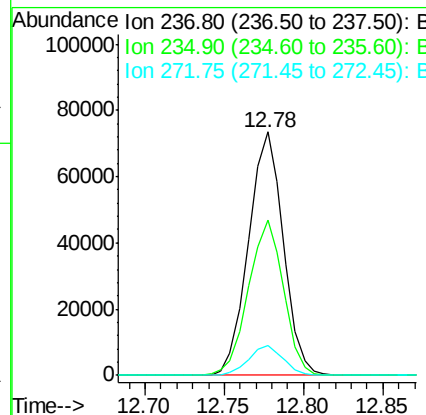
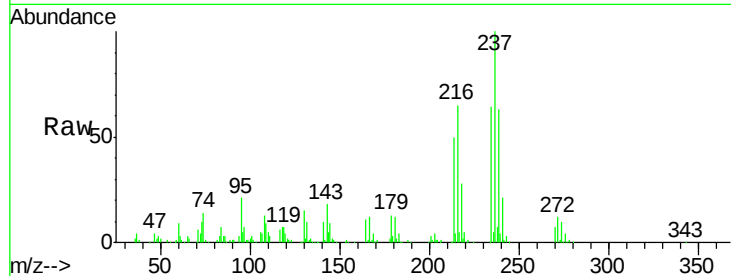
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 111803 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.6  | 44.4  | 84.4   |
| 272       | 12.4  | 0.0   | 32.5   |

Manual Integrations  
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#42

2,4,6-Tribromophenol

Concen: 82.68 ng

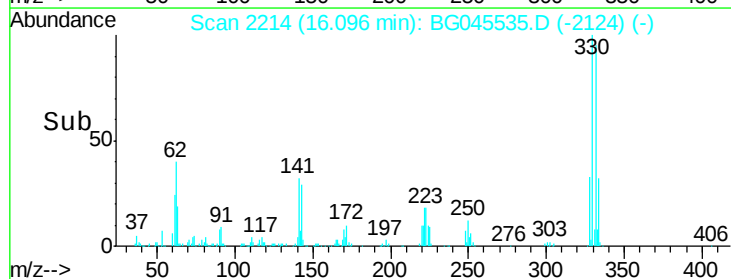
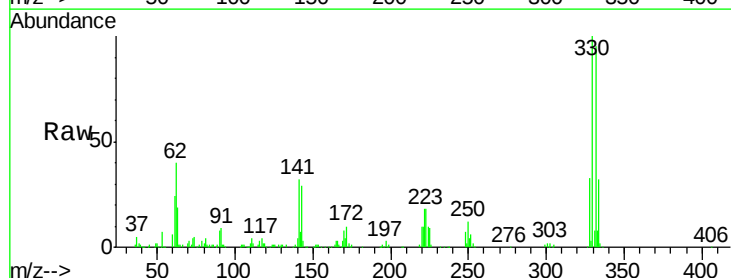
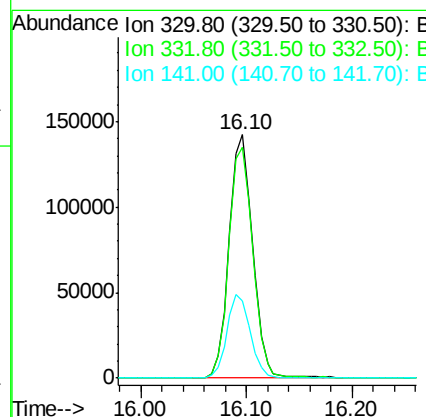
RT: 16.10 min Scan# 2214

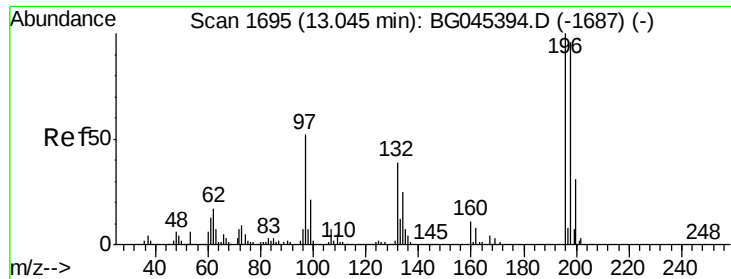
Delta R.T. 0.00 min

Lab File: BG045535.D

Acq: 30 May 2020 00:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 219703 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.5  | 78.2  | 117.4  |
| 141       | 34.3  | 28.2  | 42.4   |





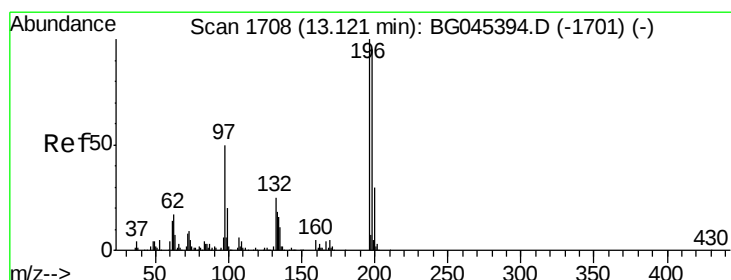
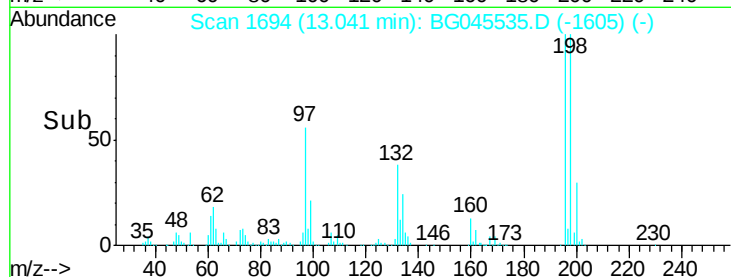
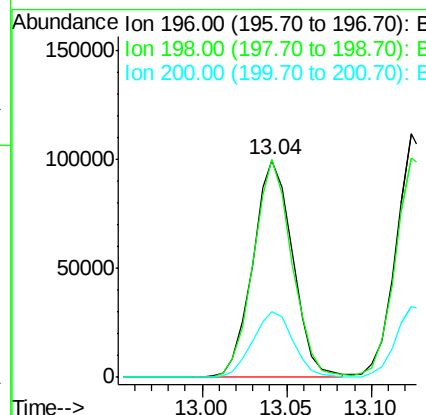
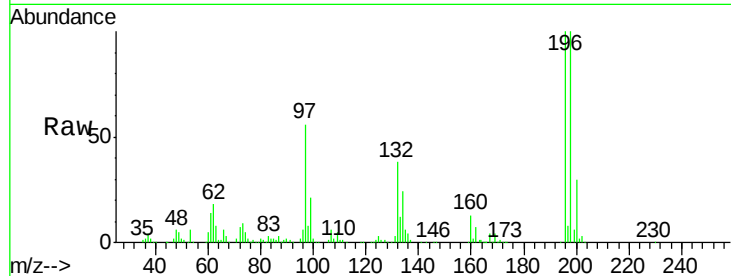
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.42 ng  
 RT: 13.04 min Scan# 1694  
 Delta R.T. -0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 162953 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 100.4 | 76.7  | 115.1  |
| 200       | 30.2  | 24.9  | 37.3   |

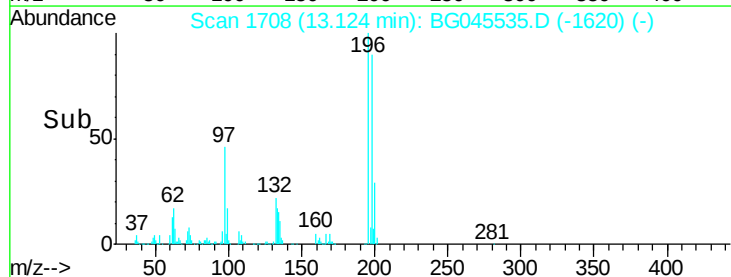
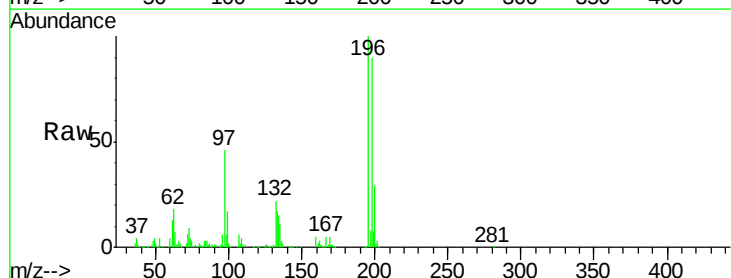
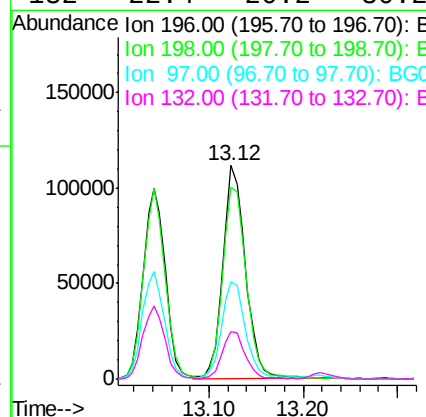
Manual Integrations  
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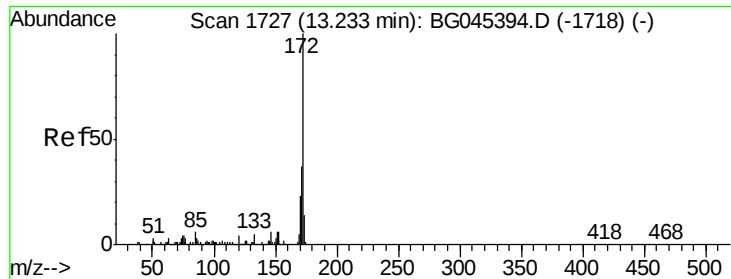
mohammad  
 6/1/2020 12:22:47 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.92 ng  
 RT: 13.12 min Scan# 1708  
 Delta R.T. -0.01 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 188523 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 89.8  | 76.1  | 114.1  |
| 97        | 45.7  | 40.0  | 60.0   |
| 132       | 22.4  | 20.2  | 30.2   |





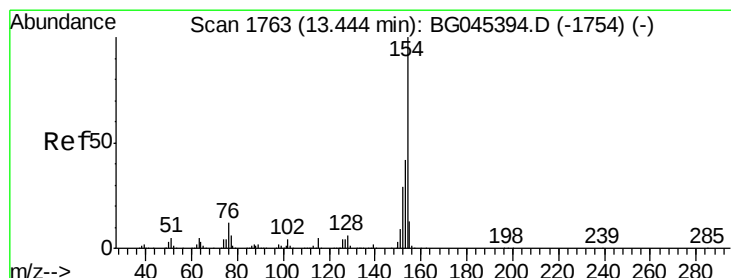
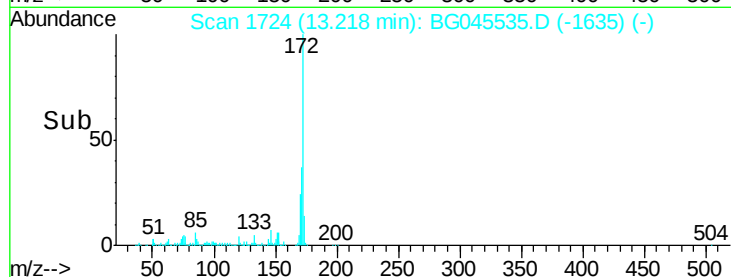
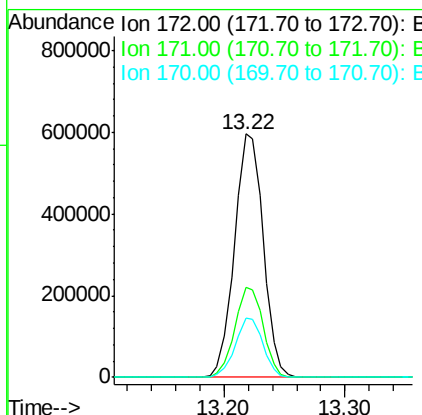
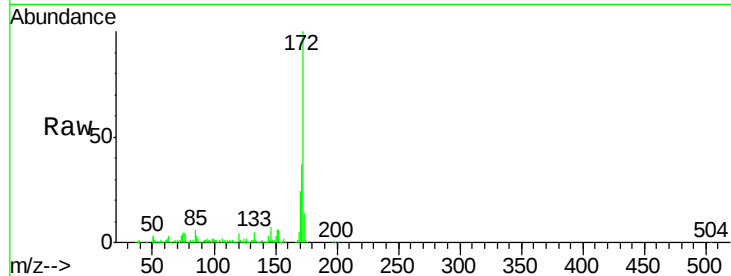
#45  
2-Fluorobiphenyl  
Concen: 80.67 ng  
RT: 13.22 min Scan# 1724  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 988211 |       |       |
| 171     | 37.1  | 29.5   | 44.3  |       |
| 170     | 24.3  | 18.5   | 27.7  |       |

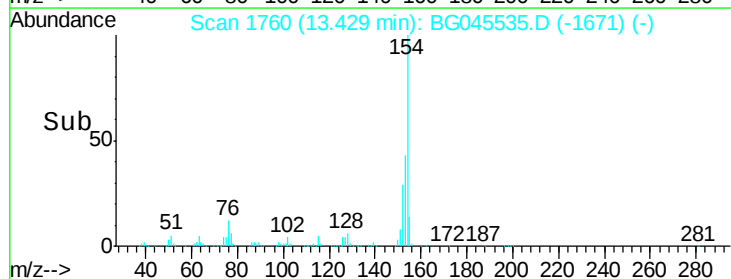
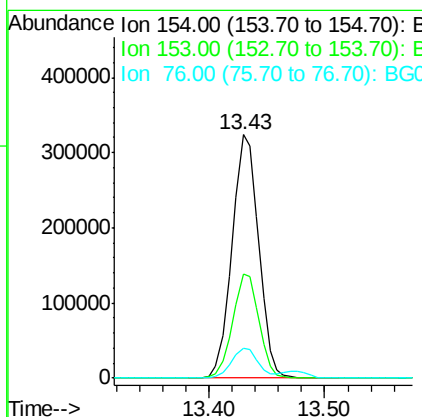
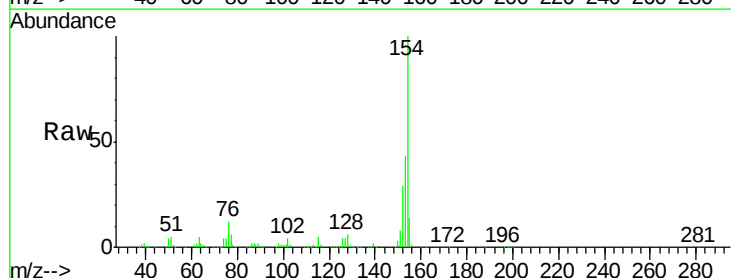
Manual Integrations  
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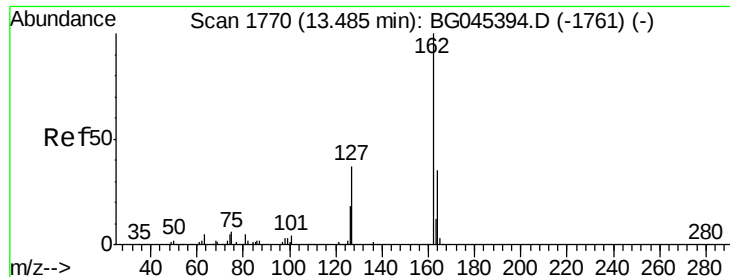
mohammad  
6/1/2020 12:22:47 PM



#46  
1,1'-Biphenyl  
Concen: 40.37 ng  
RT: 13.43 min Scan# 1760  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 515430 |       |       |
| 153     | 43.0  | 22.2   | 62.2  |       |
| 76      | 12.3  | 0.0    | 32.4  |       |





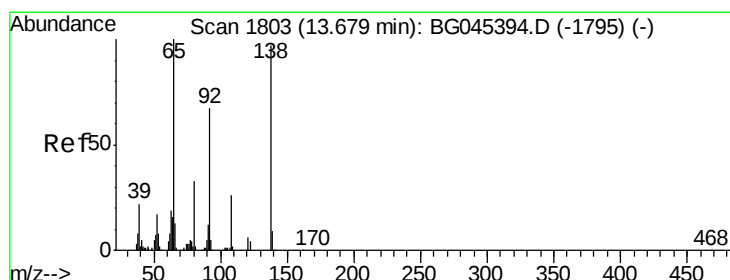
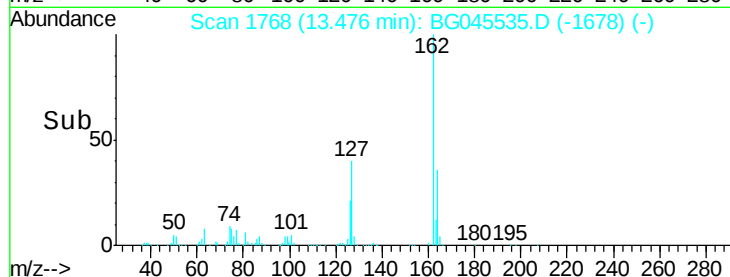
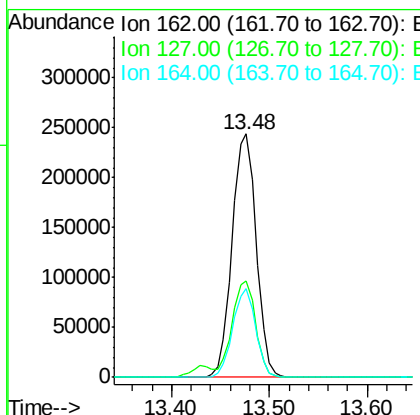
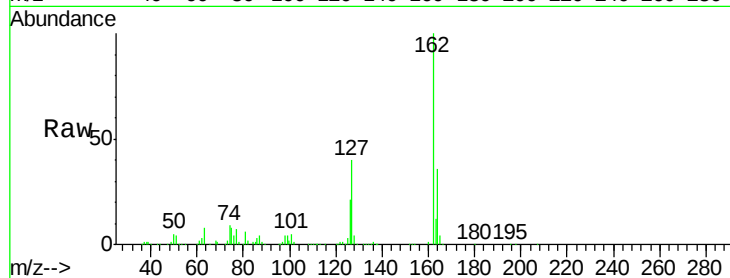
#47  
2-Chloronaphthalene  
Concen: 40.40 ng  
RT: 13.48 min Scan# 1768  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 418836 |       |       |
| 127     | 39.6  | 31.6   | 47.4  |       |
| 164     | 36.3  | 28.1   | 42.1  |       |

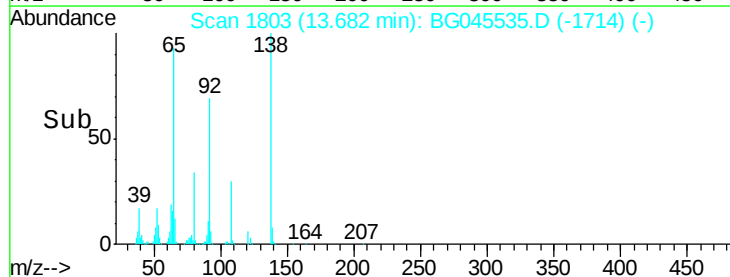
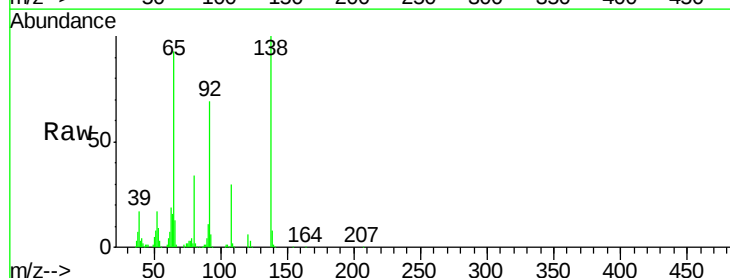
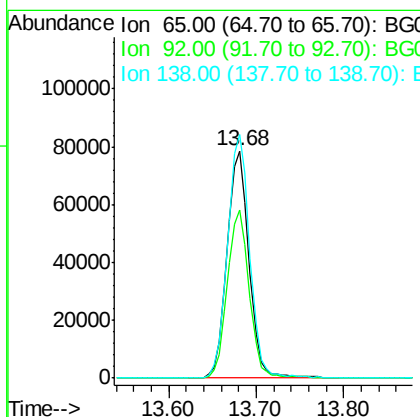
Manual Integrations  
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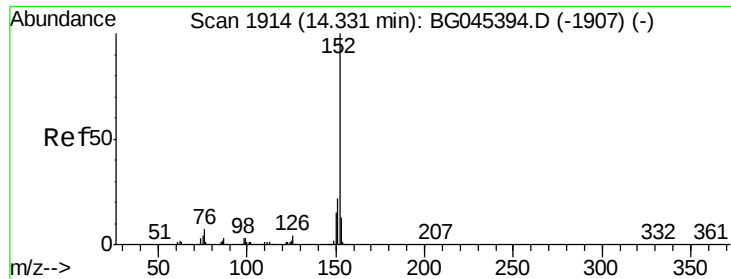
mohammad  
6/1/2020 12:22:47 PM



#48  
2-Nitroaniline  
Concen: 39.77 ng  
RT: 13.68 min Scan# 1803  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 135631 |       |       |
| 92      | 74.2  | 53.8   | 80.8  |       |
| 138     | 107.3 | 77.9   | 116.9 |       |





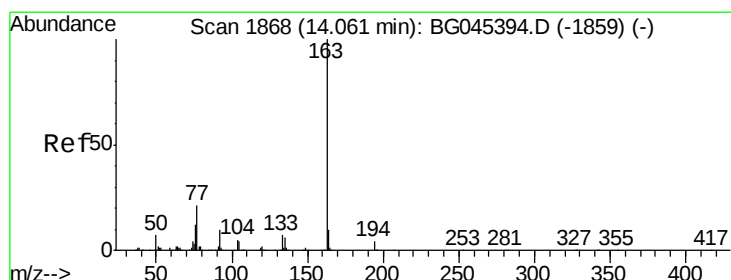
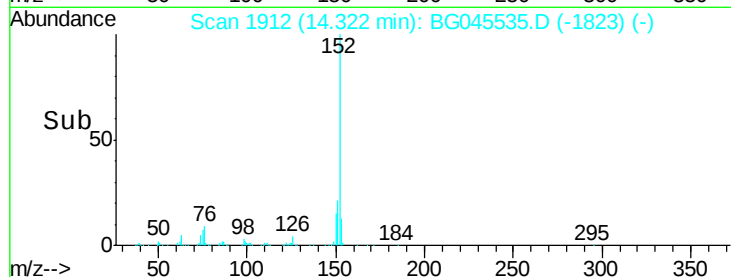
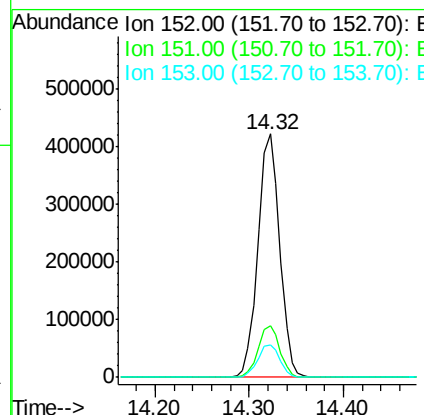
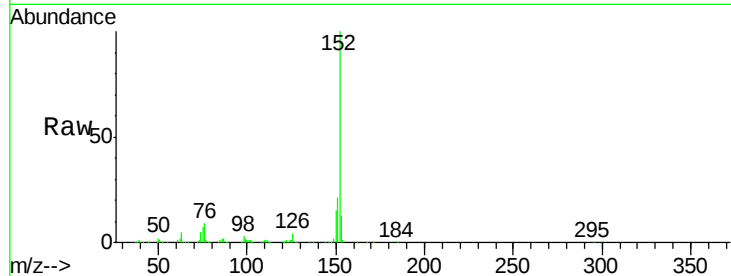
#49  
Acenaphthylene  
Concen: 40.70 ng  
RT: 14.32 min Scan# 1912  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 677821 |       |       |
| 151     | 21.2  |        | 17.4  | 26.2  |
| 153     | 13.3  |        | 10.7  | 16.1  |

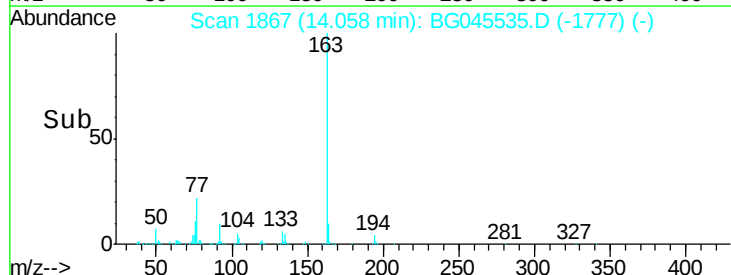
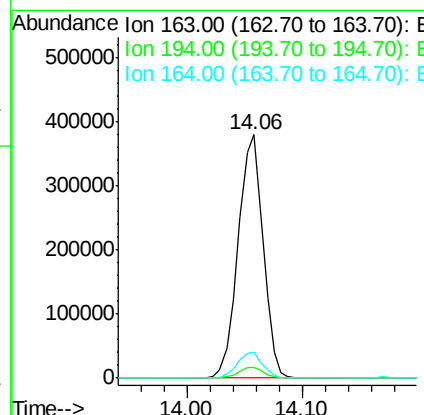
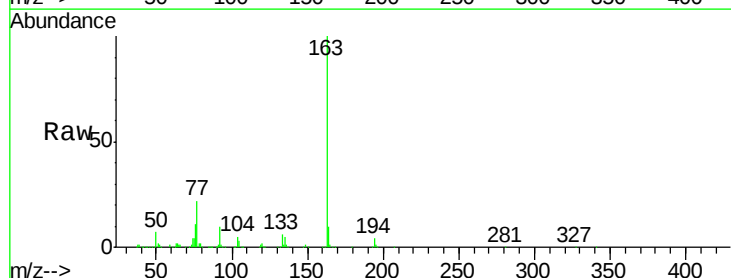
Manual Integrations  
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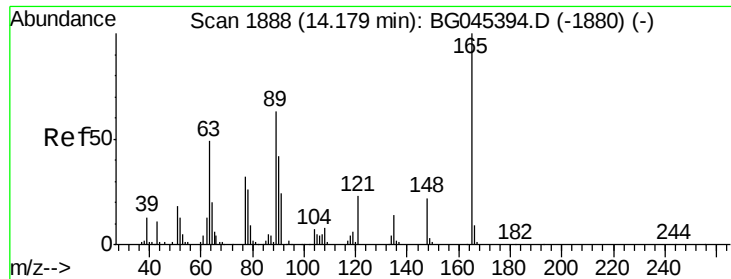
mohammad  
6/1/2020 12:22:47 PM



#50  
Dimethylphthalate  
Concen: 39.90 ng  
RT: 14.06 min Scan# 1867  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 568770 |       |       |
| 194     | 4.4   |        | 3.2   | 4.8   |
| 164     | 10.5  |        | 8.3   | 12.5  |





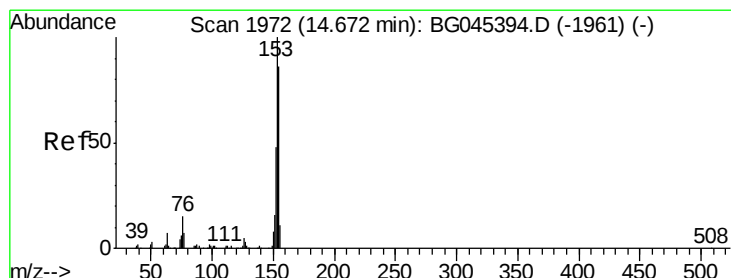
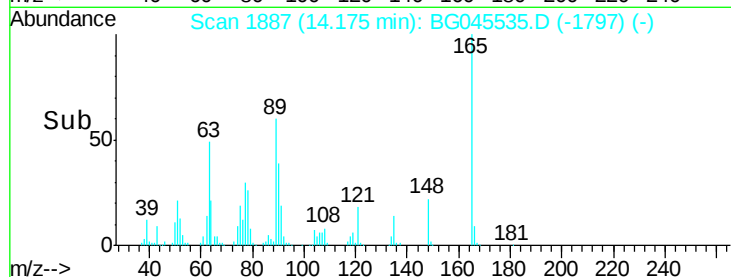
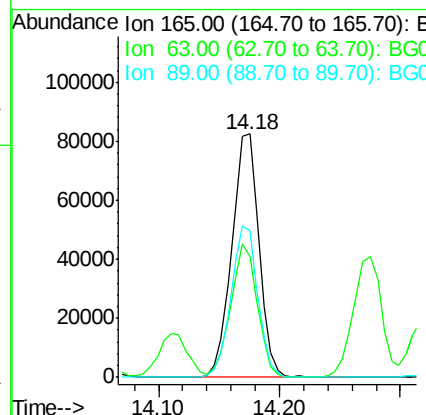
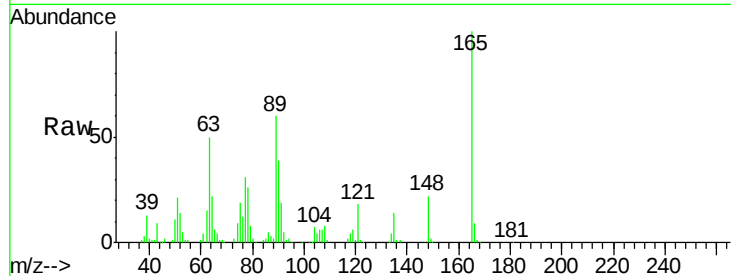
#51  
 2,6-Dinitrotoluene  
 Concen: 40.05 ng  
 RT: 14.18 min Scan# 1887  
 Delta R.T. 0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 128813 |       |       |
| 63      | 49.6  | 45.0   | 67.4  |       |
| 89      | 60.4  | 50.2   | 75.4  |       |

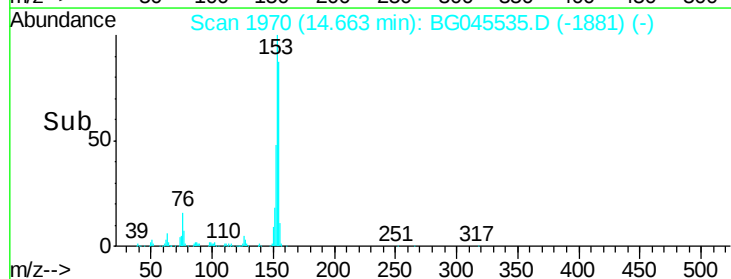
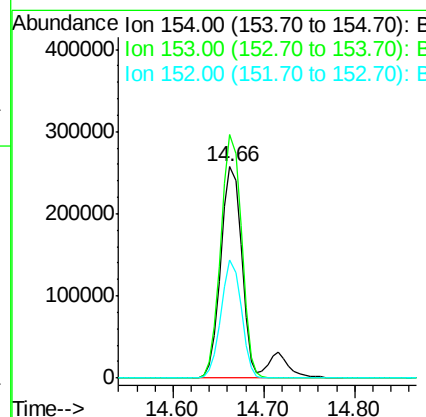
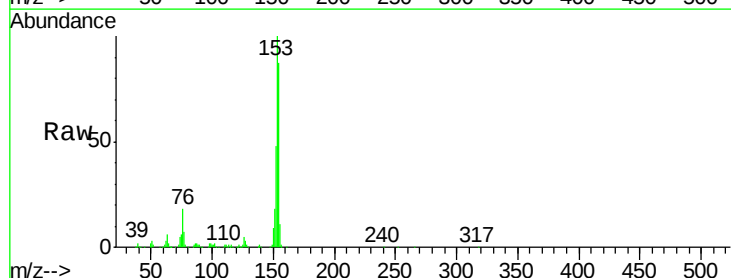
Manual Integrations  
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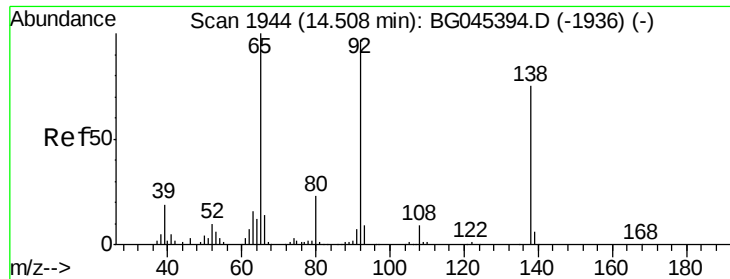
mohammad  
 6/1/2020 12:22:47 PM



#52  
 Acenaphthene  
 Concen: 41.06 ng m  
 RT: 14.66 min Scan# 1970  
 Delta R.T. -0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 457715 |       |       |
| 153     | 115.4 | 92.8   | 139.2 |       |
| 152     | 55.8  | 44.6   | 66.8  |       |





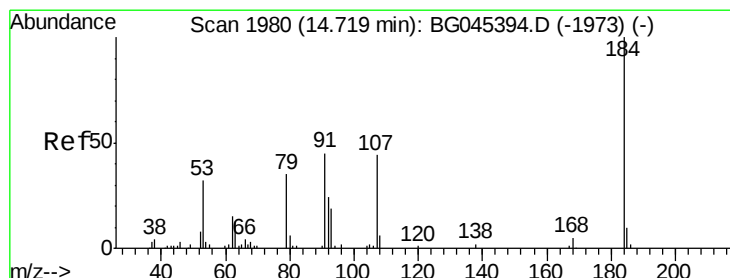
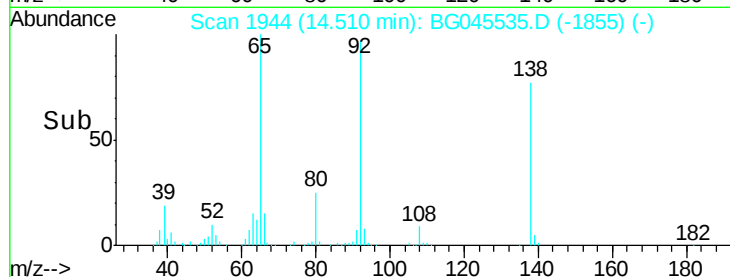
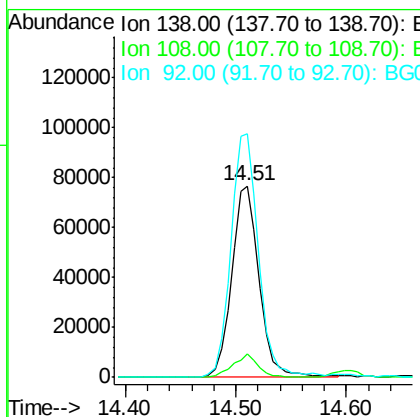
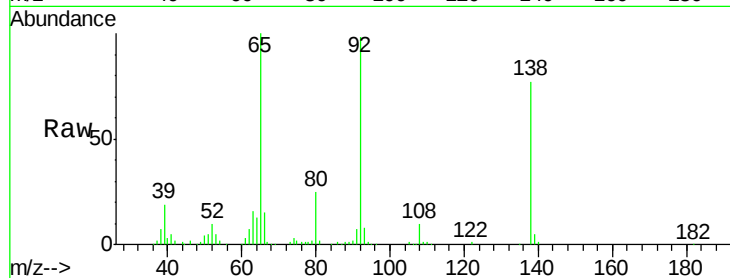
#53  
3-Nitroaniline  
Concen: 40.74 ng  
RT: 14.51 min Scan# 1944  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:138 Resp: 133194  
Ion Ratio Lower Upper  
138 100  
108 12.4 9.8 14.6  
92 127.1 103.0 154.4

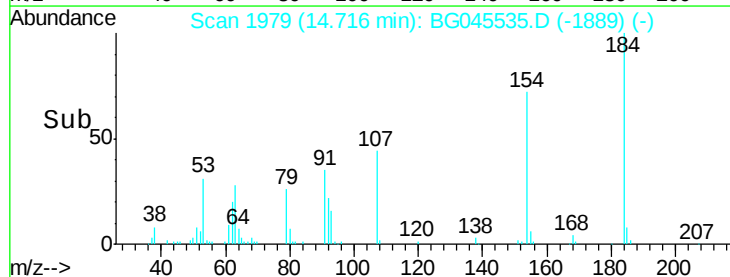
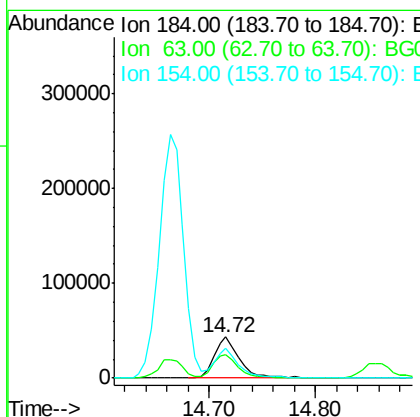
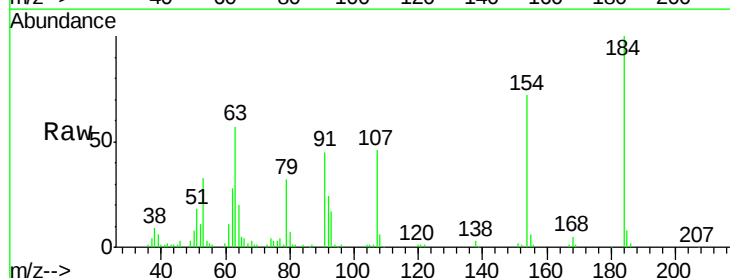
Manual Integrations  
APPROVED

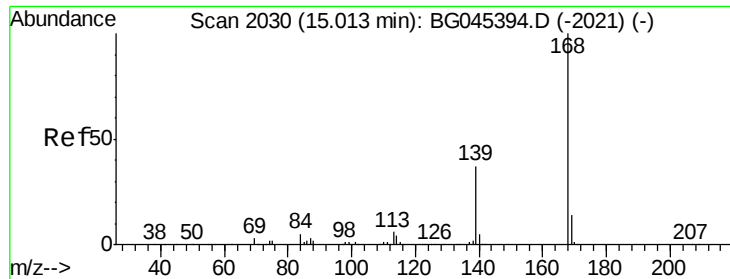
mohammad  
6/1/2020 12:22:47 PM



#54  
2,4-Dinitrophenol  
Concen: 38.08 ng  
RT: 14.72 min Scan# 1979  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Tgt Ion:184 Resp: 73775  
Ion Ratio Lower Upper  
184 100  
63 57.0 47.8 71.6  
154 72.5 58.3 87.5





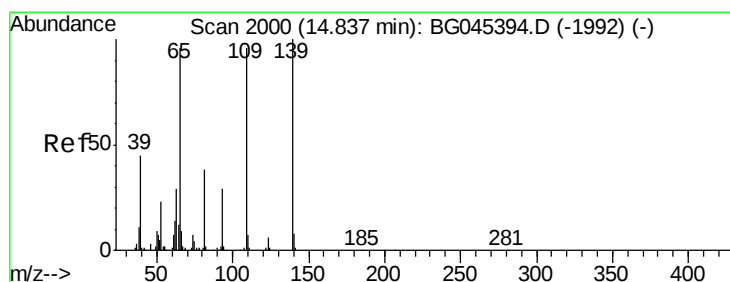
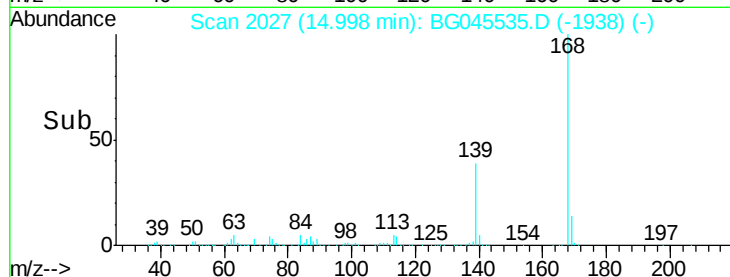
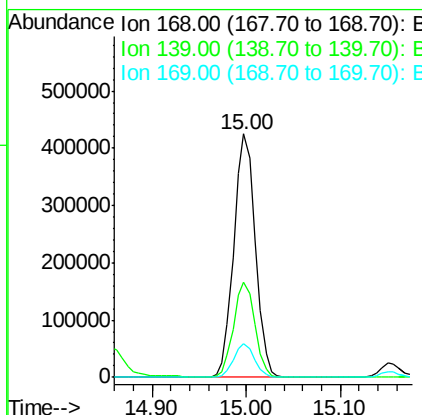
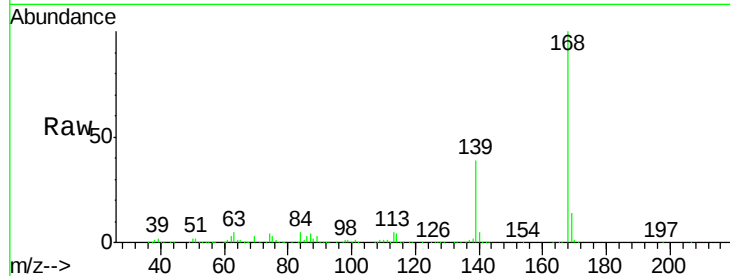
#55  
Dibenzenofuran  
Concen: 40.83 ng  
RT: 15.00 min Scan# 2027  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.3  | 29.9  | 44.9  |
| 169     | 14.1  | 10.9  | 16.3  |

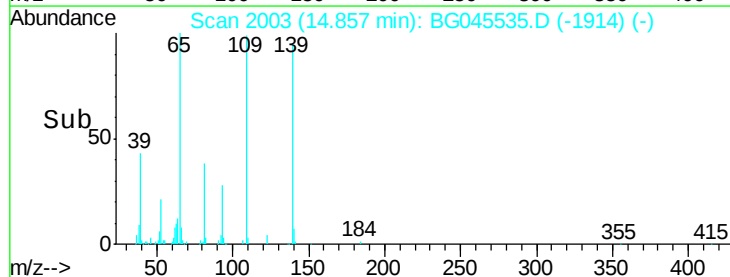
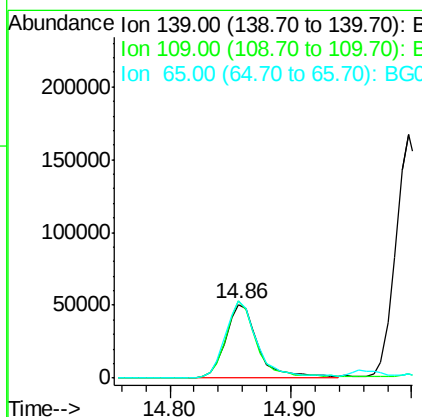
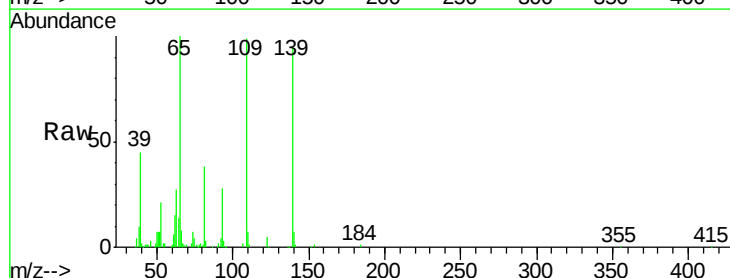
Manual Integrations  
APPROVED

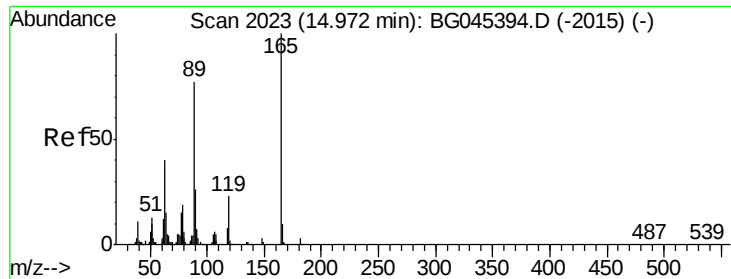
mohammad  
6/1/2020 12:22:47 PM



#56  
4-Nitrophenol  
Concen: 38.46 ng  
RT: 14.86 min Scan# 2003  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 104.8 | 75.6  | 115.6 |
| 65      | 105.7 | 76.8  | 116.8 |





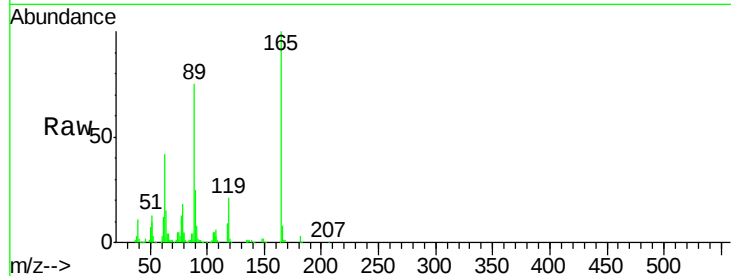
#57  
2,4-Dinitrotoluene  
Concen: 40.28 ng  
RT: 14.96 min Scan# 2021  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 187614 |       |       |
| 63      | 42.0  | 32.5   | 48.7  |       |
| 89      | 75.1  | 61.8   | 92.6  |       |
| 182     | 3.0   | 2.3    | 3.5   |       |

Manual Integrations  
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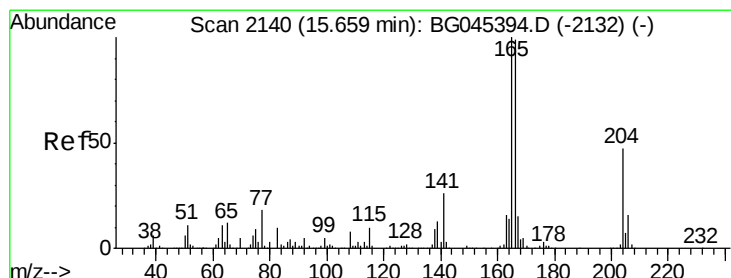
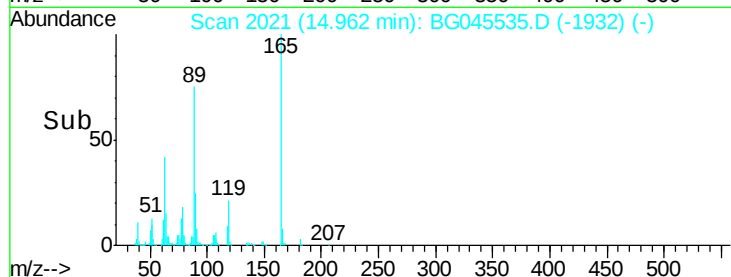
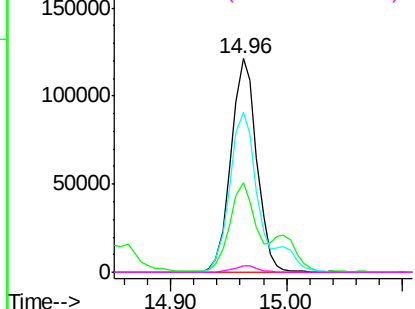


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



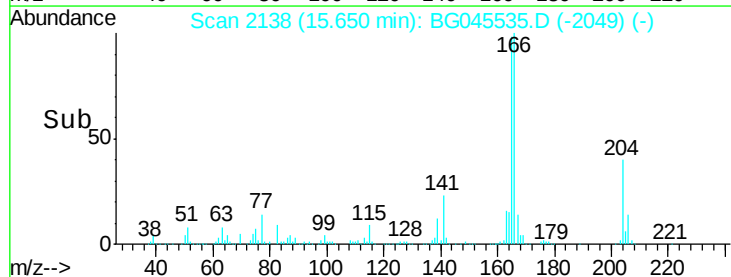
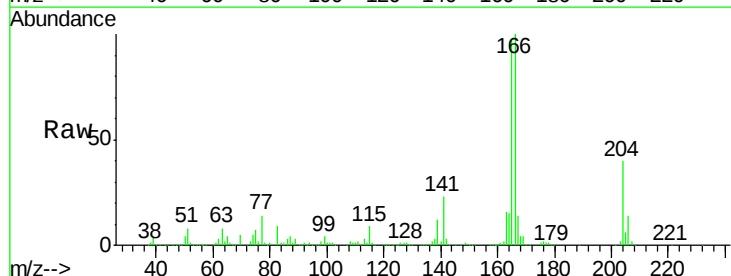
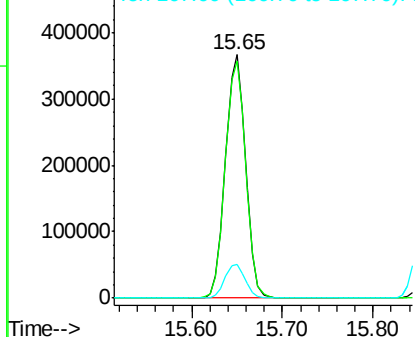
#58  
Fluorene  
Concen: 41.59 ng  
RT: 15.65 min Scan# 2138  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

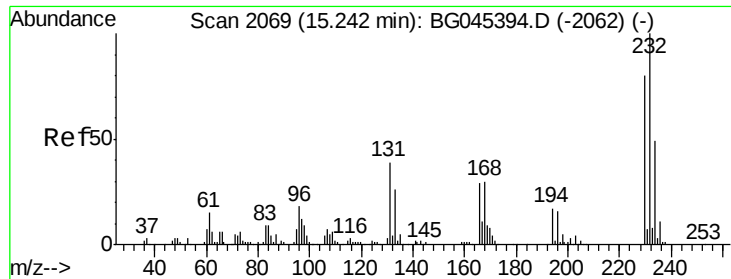
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 565567 |       |       |
| 165     | 97.4  | 80.8   | 121.2 |       |
| 167     | 13.8  | 12.0   | 18.0  |       |

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





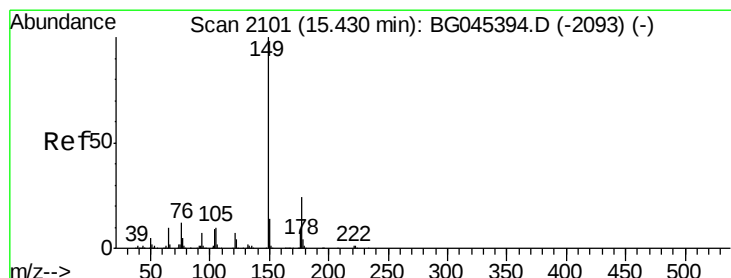
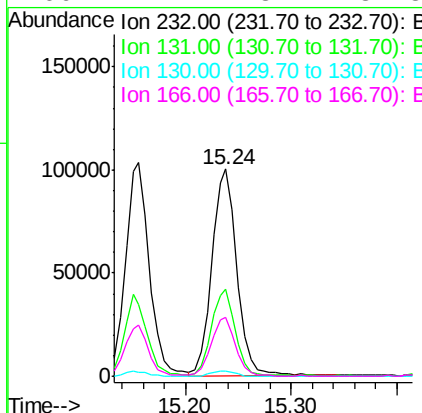
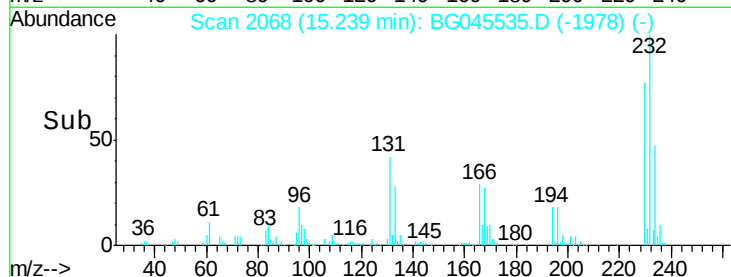
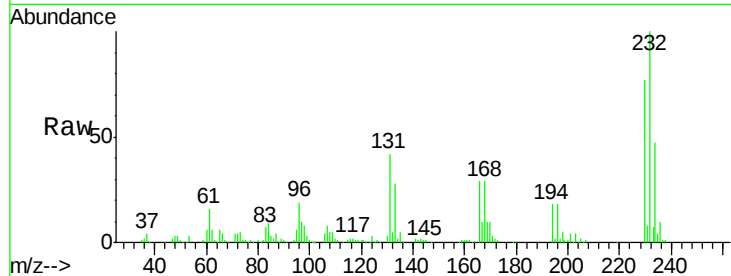
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.00 ng  
 RT: 15.24 min Scan# 2068  
 Delta R.T. 0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 166165 |       |       |
| 131     | 39.8  |        | 33.7  | 50.5  |
| 130     | 2.6   |        | 2.1   | 3.1   |
| 166     | 27.7  |        | 23.2  | 34.8  |

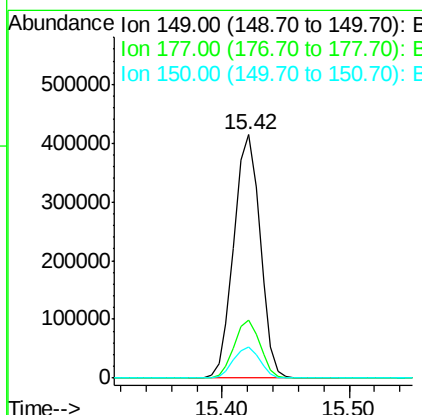
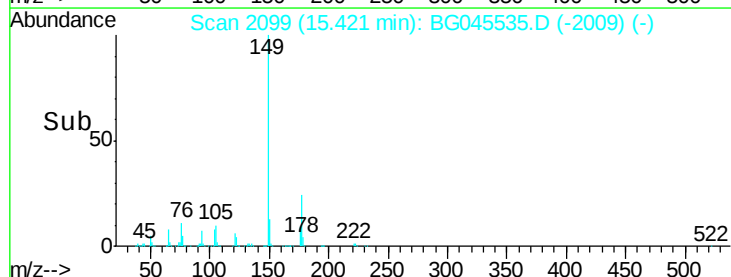
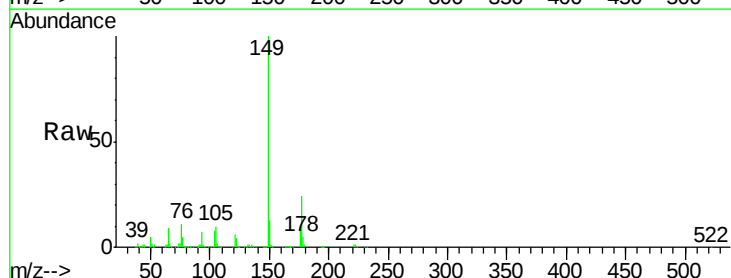
Manual Integrations  
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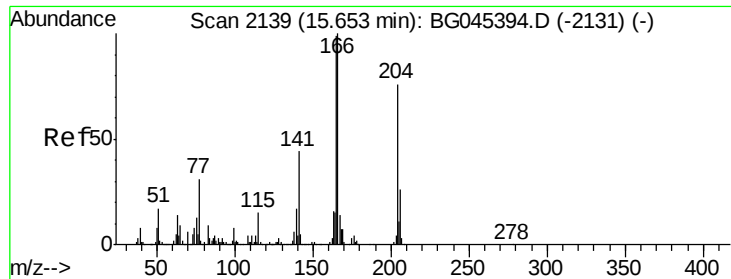
mohammad  
 6/1/2020 12:22:47 PM



#60  
 Diethylphthalate  
 Concen: 40.06 ng  
 RT: 15.42 min Scan# 2099  
 Delta R.T. 0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 594376 |       |       |
| 177     | 23.9  |        | 19.0  | 28.4  |
| 150     | 12.6  |        | 11.4  | 17.0  |





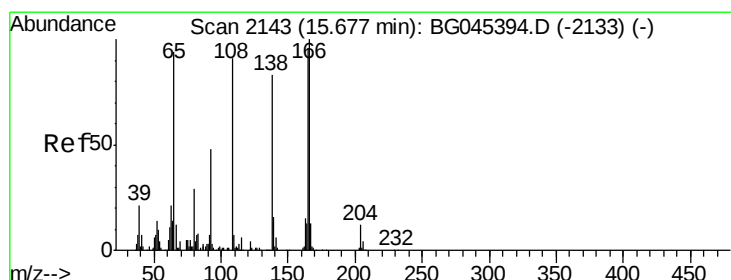
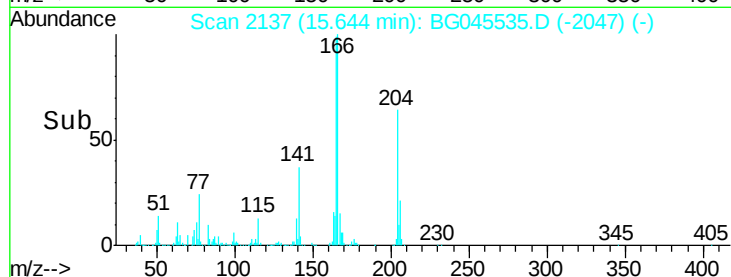
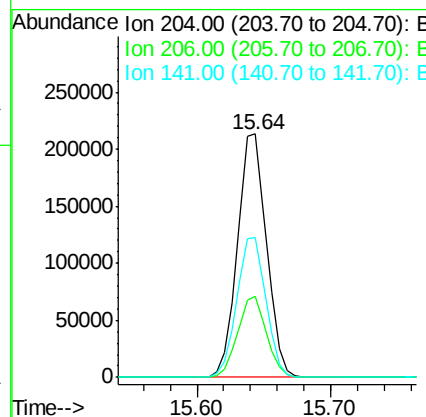
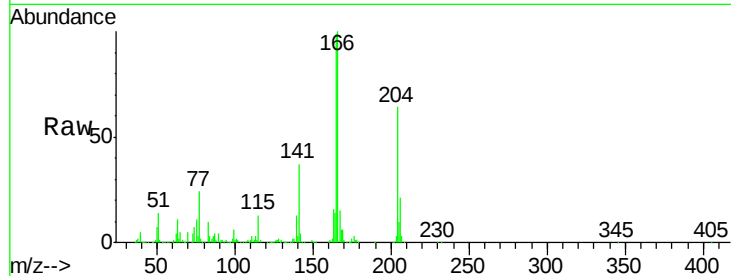
#61  
4-Chlorophenyl-phenylether  
Concen: 41.44 ng  
RT: 15.64 min Scan# 2137  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 322473 |       |       |
| 206     | 33.5  | 27.3   | 40.9  |       |
| 141     | 57.4  | 45.9   | 68.9  |       |

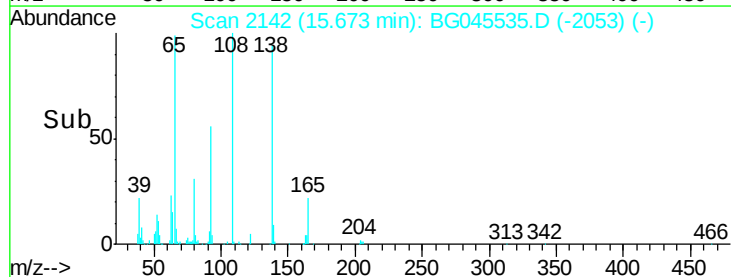
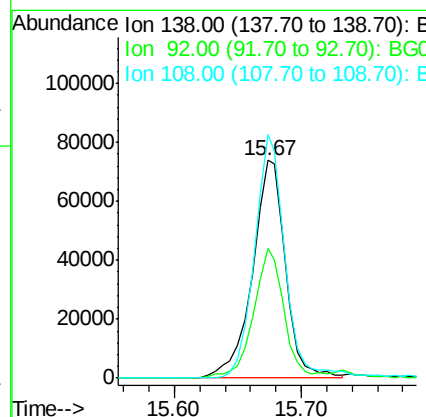
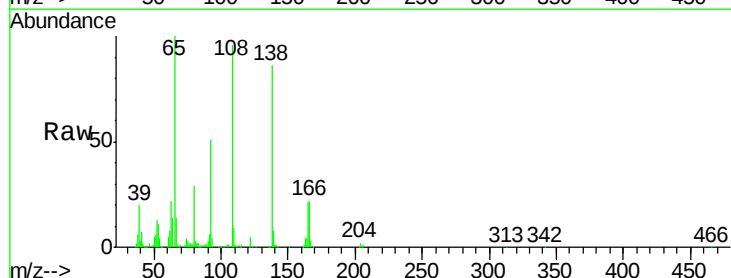
Manual Integrations  
APPROVED

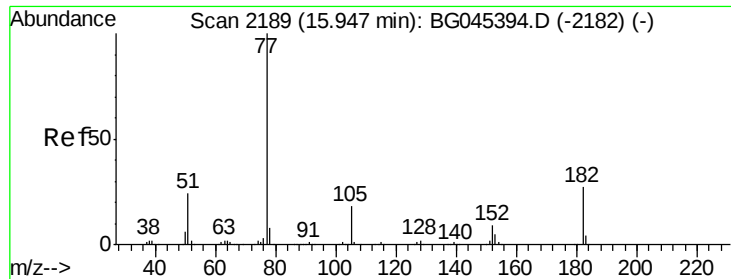
mohammad  
6/1/2020 12:22:47 PM



#62  
4-Nitroaniline  
Concen: 39.37 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 134381 |       |       |
| 92      | 59.4  | 38.0   | 78.0  |       |
| 108     | 111.8 | 89.3   | 129.3 |       |





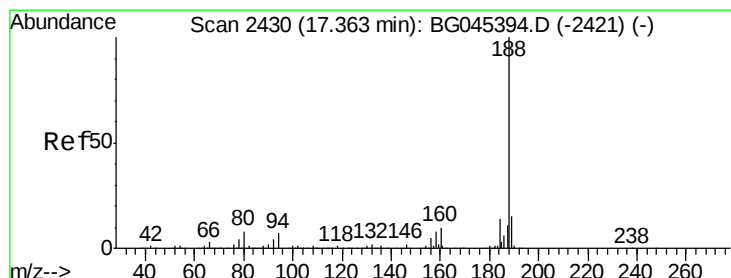
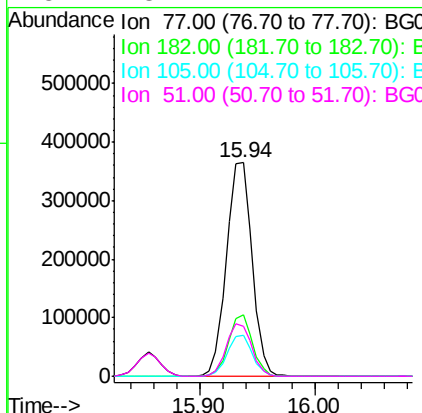
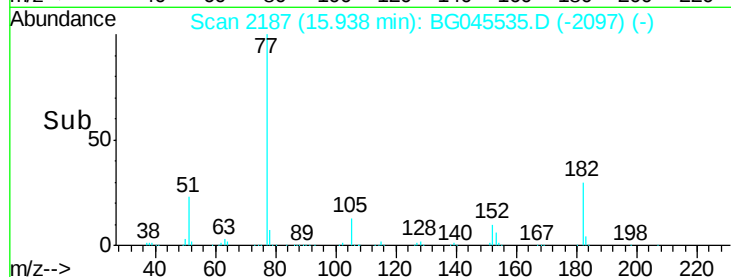
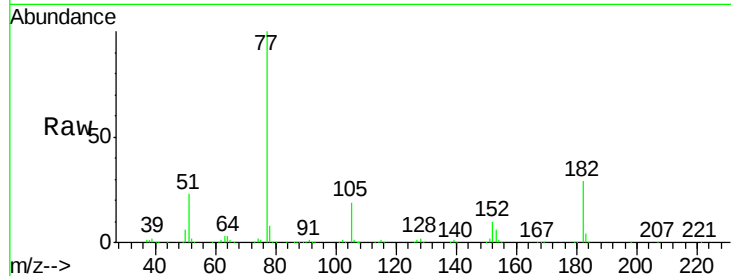
#63  
Azobenzene  
Concen: 40.52 ng  
RT: 15.94 min Scan# 2187  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 28.8 | 6.5   | 46.5  |       |
| 105     | 19.3 | 0.0   | 37.9  |       |
| 51      | 23.4 | 4.1   | 44.1  |       |

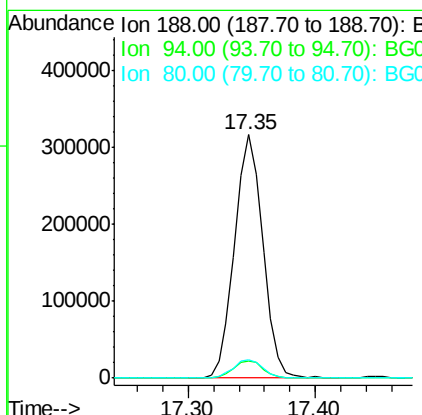
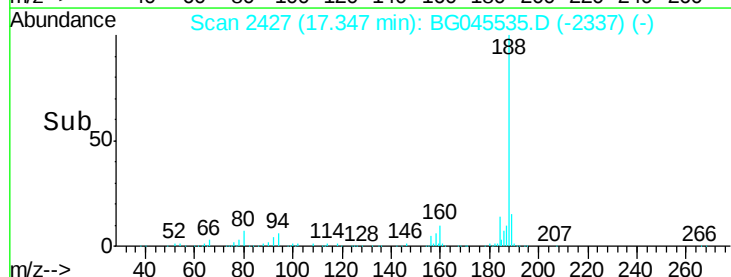
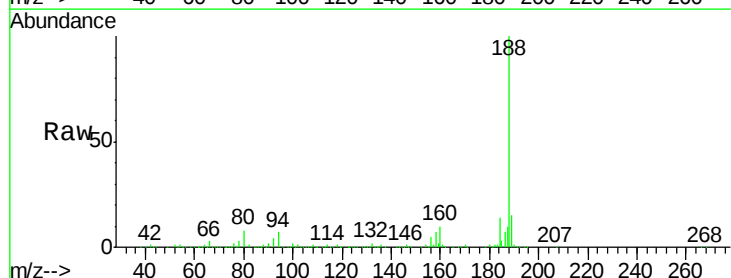
Manual Integrations  
APPROVED

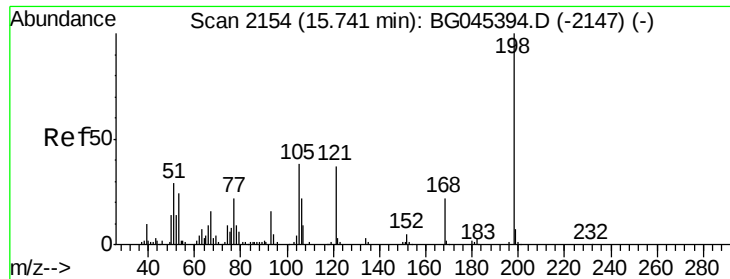
mohammad  
6/1/2020 12:22:47 PM



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.35 min Scan# 2427  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 7.0 | 5.5   | 8.3   |       |
| 80      | 7.6 | 6.6   | 10.0  |       |





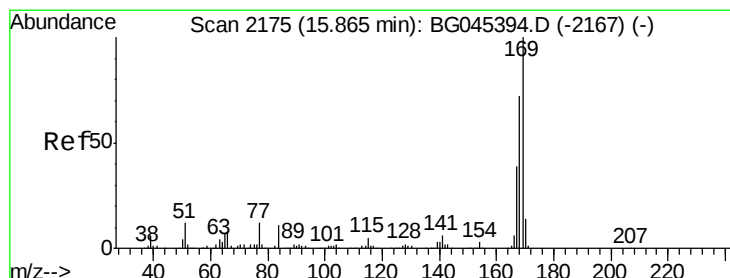
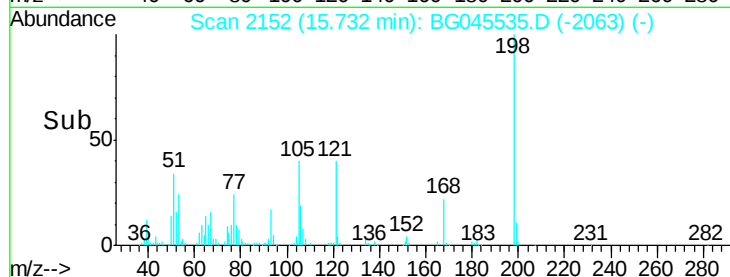
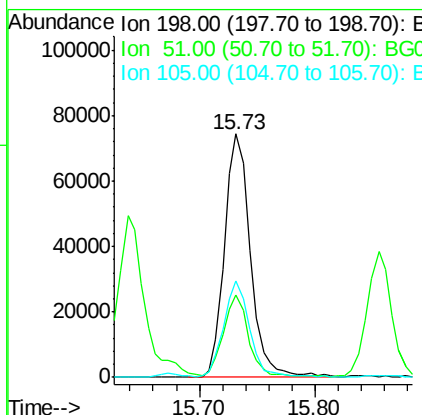
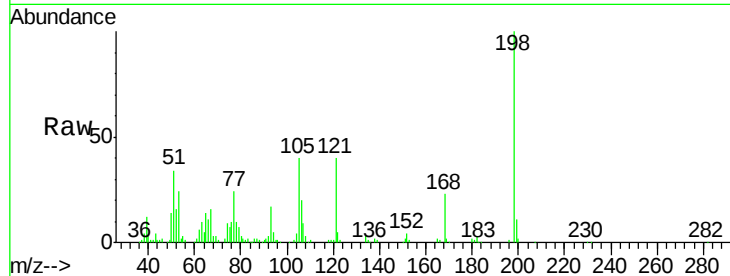
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 40.74 ng  
 RT: 15.73 min Scan# 2152  
 Delta R.T. -0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 115950 |       |       |
| 51      | 33.7  | 10.0   | 50.0  |       |
| 105     | 39.8  | 18.9   | 58.9  |       |

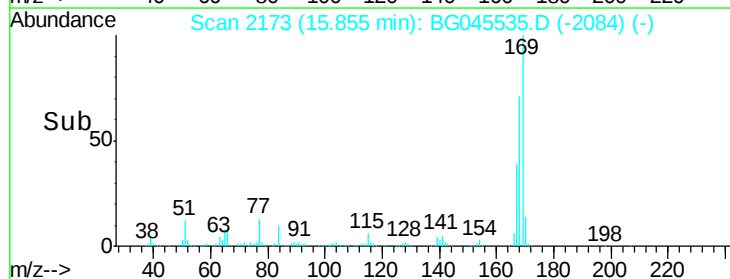
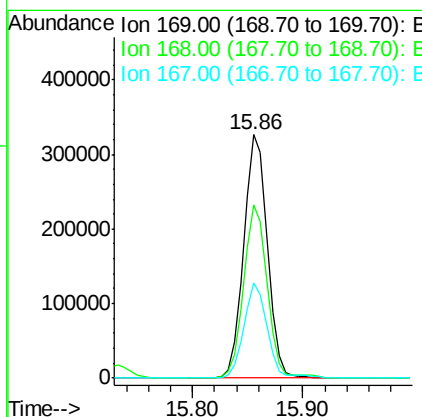
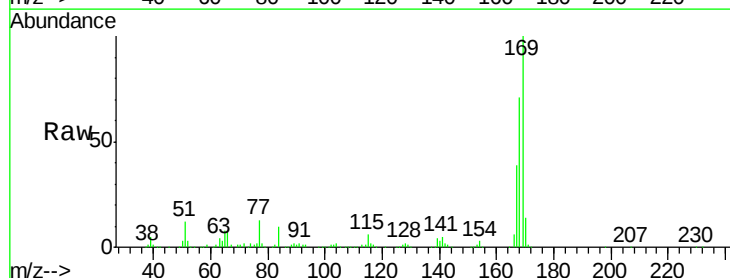
Manual Integrations  
 APPROVED

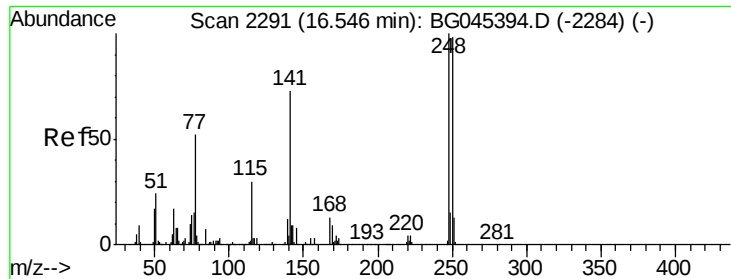
mohammad  
 6/1/2020 12:22:47 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 41.84 ng  
 RT: 15.86 min Scan# 2173  
 Delta R.T. -0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 490925 |       |       |
| 168     | 71.1  | 57.8   | 86.6  |       |
| 167     | 38.9  | 31.5   | 47.3  |       |





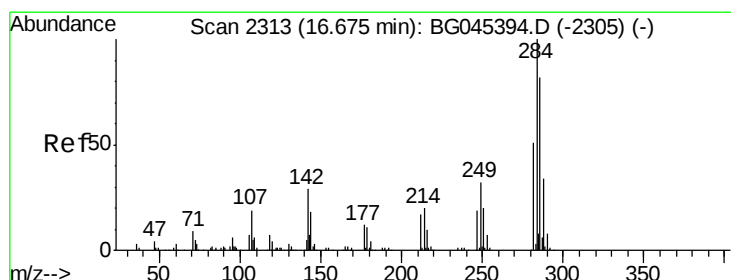
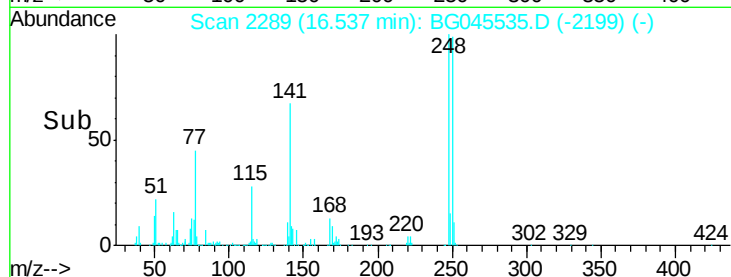
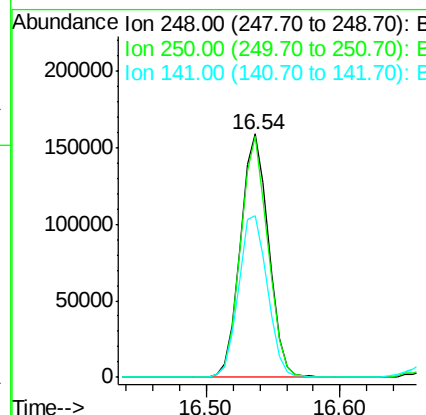
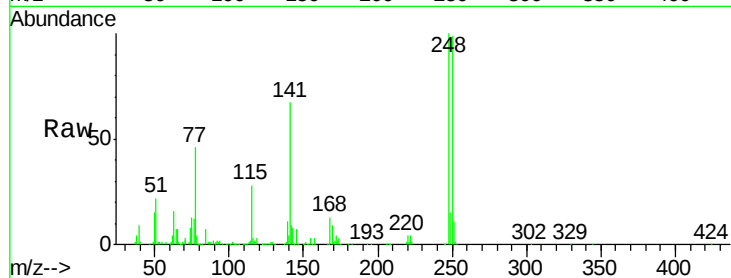
#67  
4-Bromophenyl-phenylether  
Concen: 43.80 ng  
RT: 16.54 min Scan# 2289  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.8  | 78.6  | 117.8 |
| 141     | 66.5  | 58.2  | 87.2  |

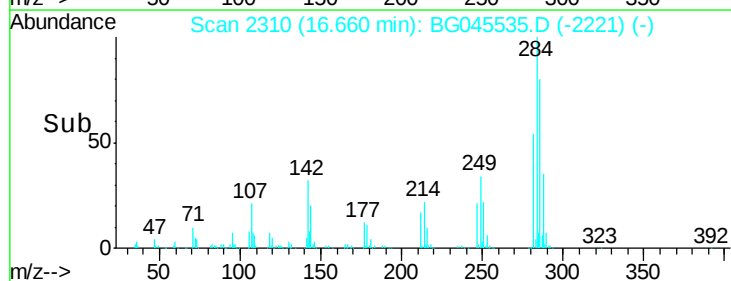
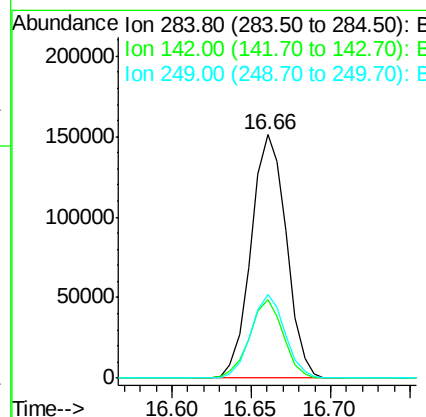
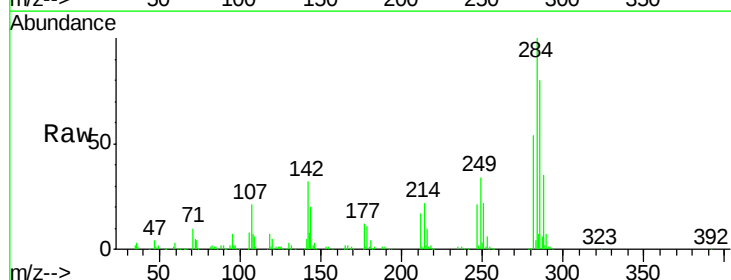
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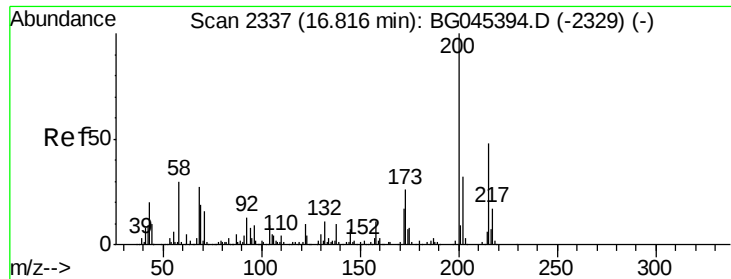
mohammad  
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#68  
Hexachlorobenzene  
Concen: 42.24 ng  
RT: 16.66 min Scan# 2310  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.0  | 23.0  | 34.6  |
| 249     | 34.1  | 25.8  | 38.6  |





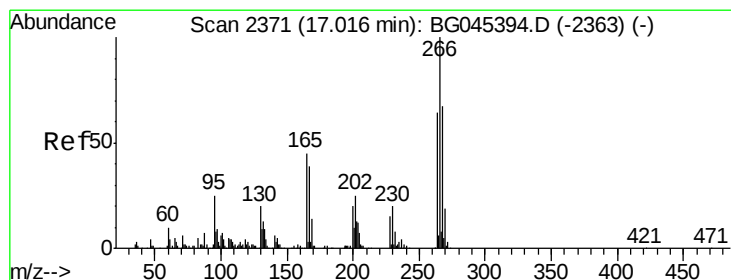
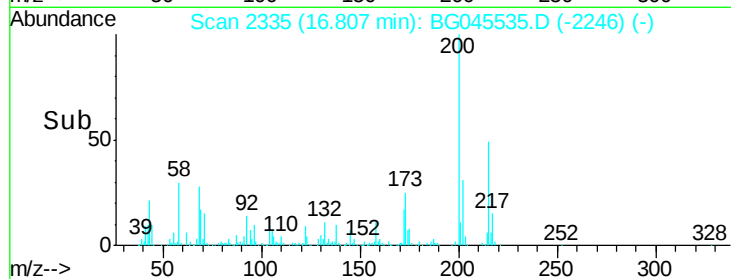
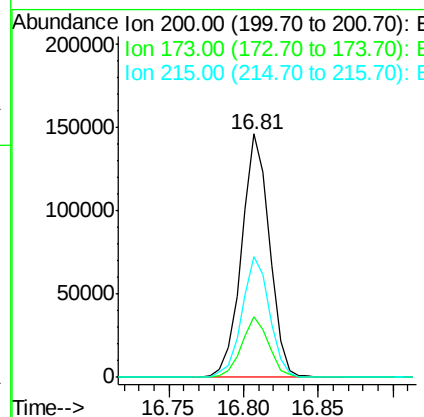
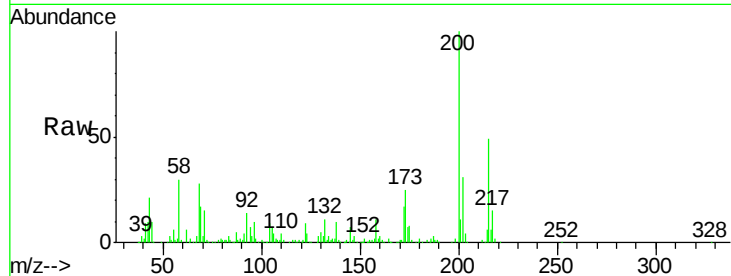
#69  
Atrazine  
Concen: 39.19 ng  
RT: 16.81 min Scan# 2335  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 24.9  | 5.5        | 45.5       |
| 215     | 49.4  | 28.2       | 68.2       |

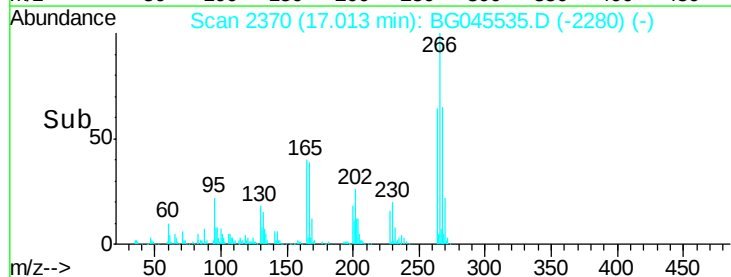
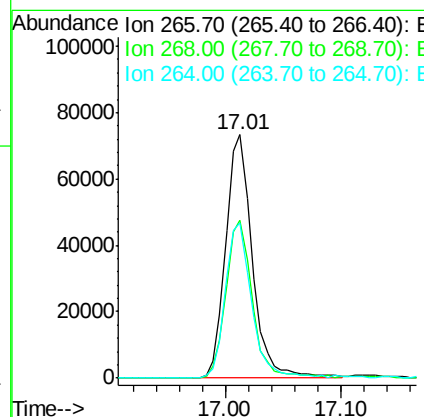
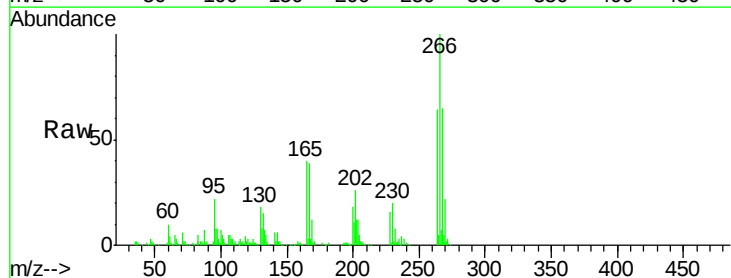
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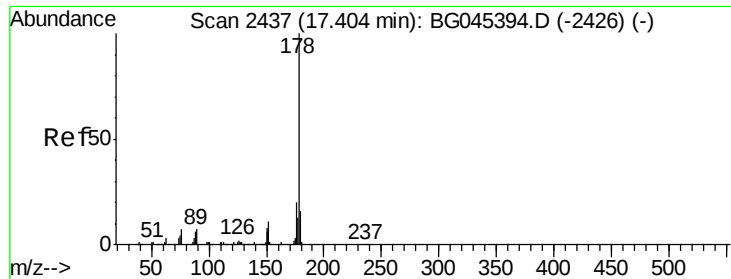
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#70  
Pentachlorophenol  
Concen: 40.91 ng  
RT: 17.01 min Scan# 2370  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 65.1  | 53.2       | 79.8       |
| 264     | 63.9  | 51.0       | 76.4       |





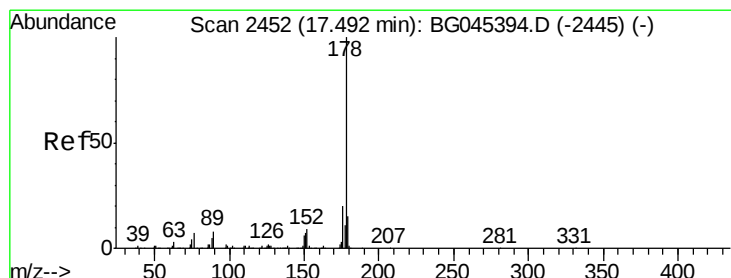
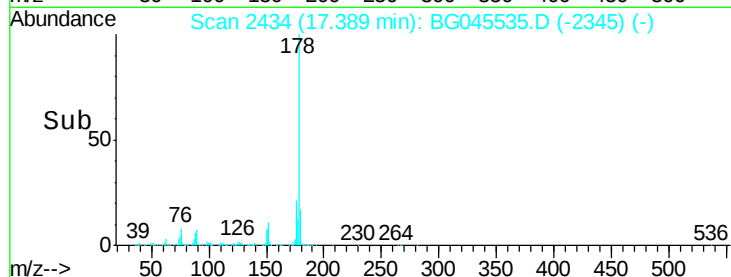
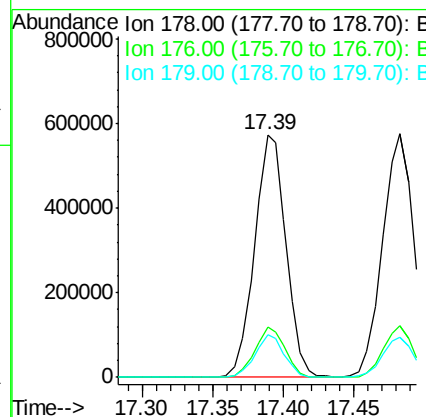
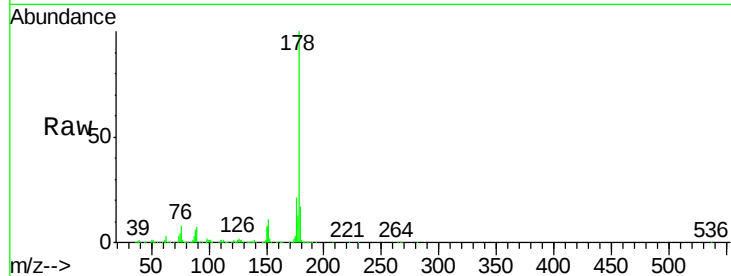
#71  
Phenanthrene  
Concen: 41.99 ng  
RT: 17.39 min Scan# 2434  
Delta R.T. -0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.5  | 16.2  | 24.4  |
| 179     | 17.3  | 13.1  | 19.7  |

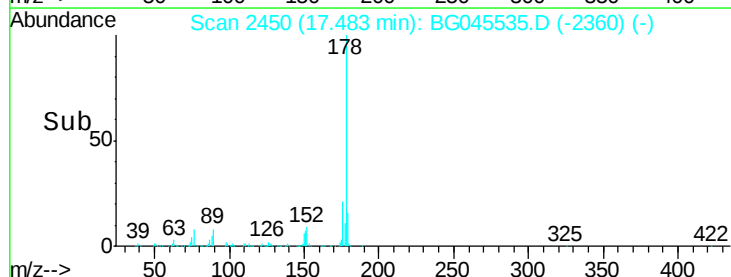
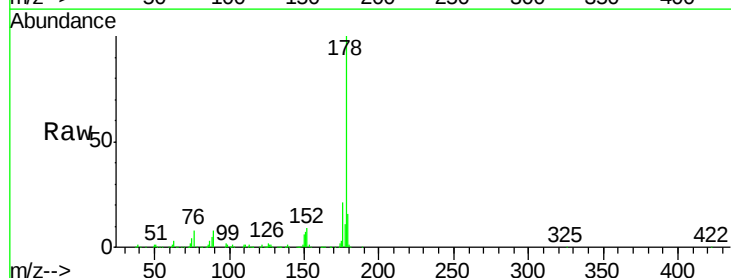
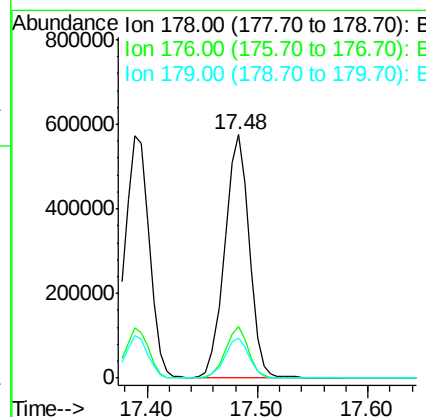
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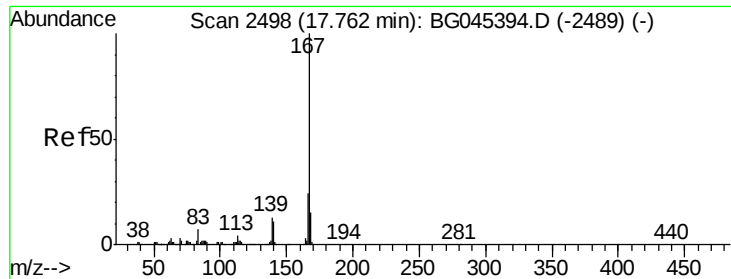
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#72  
Anthracene  
Concen: 41.63 ng  
RT: 17.48 min Scan# 2450  
Delta R.T. 0.00 min  
Lab File: BG045535.D  
Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.2  | 15.8  | 23.6  |
| 179     | 16.3  | 12.2  | 18.4  |





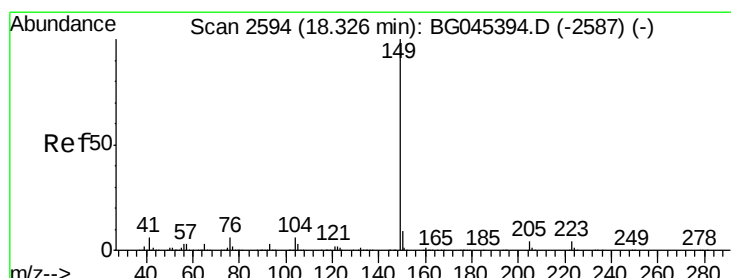
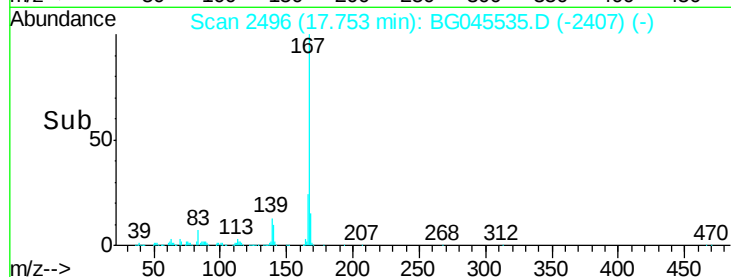
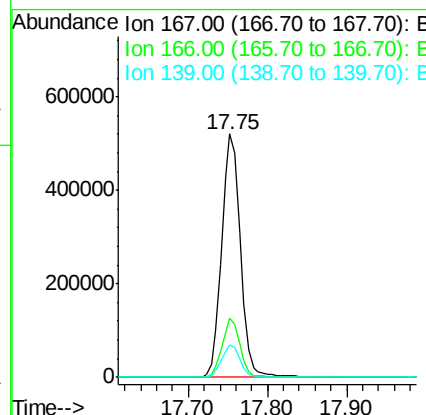
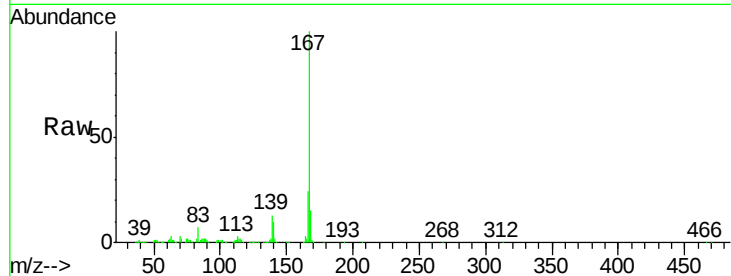
#73  
 Carbazole  
 Concen: 40.82 ng  
 RT: 17.75 min Scan# 2496  
 Delta R.T. -0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.4  | 19.2  | 28.8  |
| 139     | 13.3  | 10.6  | 16.0  |

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#74  
 Di-n-butylphthalate  
 Concen: 40.19 ng  
 RT: 18.31 min Scan# 2591  
 Delta R.T. -0.00 min  
 Lab File: BG045535.D  
 Acq: 30 May 2020 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.5  | 7.6   | 11.4  |
| 104     | 6.3   | 5.0   | 7.4   |

