

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\  
 Data File : BG043864.D  
 Acq On : 30 Dec 2019 15:12  
 Operator : JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

mohammad  
 12/31/2019 1:47:58 PM

Quant Time: Dec 30 17:25:25 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 30 14:25:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.97  | 152  | 177217   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.77 | 136  | 704238   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.60 | 164  | 438941   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.34 | 188  | 835436   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.60 | 240  | 704560   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.73 | 264  | 800183   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.54  | 112 | 1400052 | 144.44 | ng | 0.00 |
| 7) Phenol-d6             | 7.14  | 99  | 1897702 | 139.72 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 9.13  | 82  | 2157654 | 169.84 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.09 | 330 | 699465  | 151.96 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.23 | 172 | 3515857 | 143.58 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.96 | 244 | 3744821 | 130.46 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 316796  | 75.231 | ng | 100    |
| 3) Pyridine                    | 3.83  | 79  | 910554  | 73.360 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.75  | 42  | 420854  | 75.822 | ng | 99     |
| 6) Aniline                     | 7.30  | 93  | 1307497 | 73.440 | ng | 96     |
| 8) 2-Chlorophenol              | 7.54  | 128 | 827825  | 72.825 | ng | 99     |
| 9) Benzaldehyde                | 7.10  | 77  | 677894  | 85.267 | ng | 97     |
| 10) Phenol                     | 7.16  | 94  | 1014420 | 72.605 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.39  | 93  | 878720  | 72.988 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.86  | 146 | 966787  | 72.644 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.01  | 146 | 960880  | 73.231 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.33  | 146 | 910622  | 72.204 | ng | 98     |
| 15) Benzyl Alcohol             | 8.21  | 79  | 800384  | 74.900 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.50  | 45  | 1363395 | 73.073 | ng | 99     |
| 17) 2-Methylphenol             | 8.41  | 107 | 753038  | 74.594 | ng | 98     |
| 18) Hexachloroethane           | 9.06  | 117 | 382644  | 74.643 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.78  | 70  | 736684  | 72.987 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.75  | 107 | 1040621 | 73.916 | ng | 97     |
| 22) Acetophenone               | 8.79  | 105 | 1303875 | 74.398 | ng | # 93   |
| 24) Nitrobenzene               | 9.17  | 77  | 998778  | 76.657 | ng | 98     |
| 25) Isophorone                 | 9.70  | 82  | 1866911 | 75.607 | ng | 97     |
| 26) 2-Nitrophenol              | 9.88  | 139 | 516571  | 83.746 | ng | 100    |
| 27) 2,4-Dimethylphenol         | 9.95  | 122 | 719554  | 77.525 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.18 | 93  | 1233556 | 74.892 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.42 | 162 | 866456  | 78.361 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.63 | 180 | 956547  | 77.013 | ng | 98     |
| 31) Naphthalene                | 10.82 | 128 | 2460177 | 72.200 | ng | 93     |
| 32) Benzoic acid               | 10.13 | 122 | 646528m | 90.248 | ng |        |
| 33) 4-Chloroaniline            | 10.92 | 127 | 1239520 | 76.373 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.12 | 225 | 588375  | 77.619 | ng | 99     |
| 35) Caprolactam                | 11.72 | 113 | 320632m | 78.000 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.06 | 107 | 901838  | 76.299 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.43 | 142 | 1873815 | 73.047 | ng | 96     |
| 38) 1-Methylnaphthalene        | 12.65 | 142 | 1771634 | 72.864 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.80 | 216 | 990983  | 77.105 | ng | 99     |

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 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

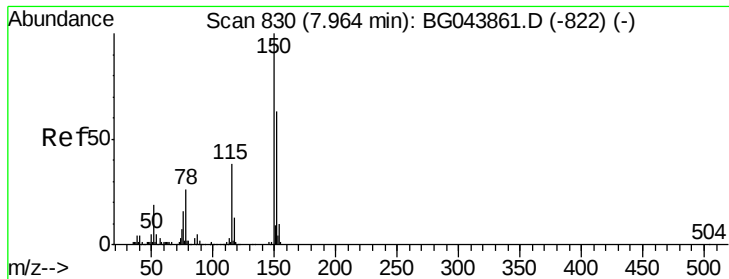
mohammad  
 12/31/2019 1:47:58 PM

Quant Time: Dec 30 17:25:25 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 30 14:25:12 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.78 | 237  | 553187   | 82.506 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.03 | 196  | 703031   | 79.299 | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.11 | 196  | 711299   | 77.959 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.44 | 154  | 2259627  | 71.678 | nq    | 89       |
| 47) 2-Chloronaphthalene        | 13.48 | 162  | 1874784  | 73.810 | nq    | 93       |
| 48) 2-Nitroaniline             | 13.67 | 65   | 648672   | 79.412 | nq    | 99       |
| 49) Acenaphthylene             | 14.32 | 152  | 2602267  | 71.321 | nq #  | 90       |
| 50) Dimethylphthalate          | 14.07 | 163  | 2164646  | 69.338 | nq    | 95       |
| 51) 2,6-Dinitrotoluene         | 14.17 | 165  | 546183   | 77.509 | nq    | 98       |
| 52) Acenaphthene               | 14.67 | 154  | 1926462  | 75.252 | nq    | 96       |
| 53) 3-Nitroaniline             | 14.50 | 138  | 611999   | 76.414 | nq    | 100      |
| 54) 2,4-Dinitrophenol          | 14.70 | 184  | 290385   | 91.672 | nq    | 96       |
| 55) Dibenzofuran               | 15.00 | 168  | 2430369  | 68.825 | nq #  | 89       |
| 56) 4-Nitrophenol              | 14.81 | 139  | 480272   | 78.181 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.96 | 165  | 735086   | 76.657 | nq    | 97       |
| 58) Fluorene                   | 15.65 | 166  | 1947590  | 69.616 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.23 | 232  | 606981   | 77.338 | nq    | 99       |
| 60) Diethylphthalate           | 15.43 | 149  | 2172981  | 69.584 | nq    | 94       |
| 61) 4-Chlorophenyl-phenylether | 15.65 | 204  | 1105438  | 72.786 | nq    | 97       |
| 62) 4-Nitroaniline             | 15.67 | 138  | 586411   | 74.207 | nq    | 97       |
| 63) Azobenzene                 | 15.94 | 77   | 2038586  | 70.461 | nq    | 92       |
| 65) 4,6-Dinitro-2-methylphenol | 15.72 | 198  | 365655   | 90.165 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.86 | 169  | 1821627  | 73.838 | nq    | 94       |
| 67) 4-Bromophenyl-phenylether  | 16.54 | 248  | 726217   | 77.336 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.66 | 284  | 781826   | 77.158 | nq    | 98       |
| 69) Atrazine                   | 16.81 | 200  | 558936   | 69.745 | nq    | 98       |
| 70) Pentachlorophenol          | 17.00 | 266  | 466454   | 83.464 | nq    | 99       |
| 71) Phenanthrene               | 17.39 | 178  | 2772331  | 69.144 | nq #  | 88       |
| 72) Anthracene                 | 17.48 | 178  | 2748410  | 69.422 | nq #  | 88       |
| 73) Carbazole                  | 17.74 | 167  | 2544665  | 69.497 | nq #  | 89       |
| 74) Di-n-butylphthalate        | 18.31 | 149  | 2949257  | 65.973 | nq #  | 90       |
| 75) Fluoranthene               | 19.39 | 202  | 2962393  | 67.282 | nq    | 87       |
| 77) Benzidine                  | 19.57 | 184  | 1328983  | 73.216 | nq    | 94       |
| 78) Pyrene                     | 19.75 | 202  | 2978063  | 67.132 | nq #  | 87       |
| 80) Butylbenzylphthalate       | 20.65 | 149  | 1620326  | 74.088 | nq #  | 96       |
| 81) Benzo(a)anthracene         | 21.58 | 228  | 3047768  | 69.725 | nq #  | 88       |
| 82) 3,3'-Dichlorobenzidine     | 21.50 | 252  | 1272720  | 73.327 | nq    | 95       |
| 83) Chrysene                   | 21.64 | 228  | 2867132  | 69.094 | nq #  | 85       |
| 84) Bis(2-ethylhexyl)phthalate | 21.51 | 149  | 2125658  | 70.571 | nq #  | 90       |
| 85) Di-n-octyl phthalate       | 22.70 | 149  | 3561151  | 70.121 | nq #  | 94       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.30 | 276  | 4366480  | 77.402 | nq #  | 93       |
| 88) Benzo(b)fluoranthene       | 23.75 | 252  | 3489287  | 73.698 | nq    | 94       |
| 89) Benzo(k)fluoranthene       | 23.81 | 252  | 3294950  | 73.416 | nq    | 93       |
| 90) Benzo(a)pyrene             | 24.59 | 252  | 3350178  | 75.081 | nq    | 96       |
| 91) Dibenzo(a,h)anthracene     | 28.37 | 278  | 3441390  | 76.811 | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 29.41 | 276  | 3432932  | 77.100 | nq    | 99       |

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





#1

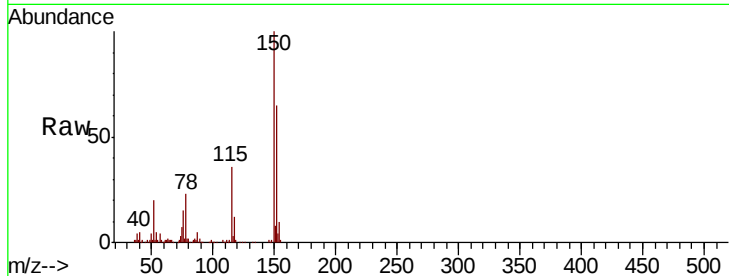
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.97 min Scan# 830  
Delta R.T. 0.00 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.7 | 127.0 | 190.4 |
| 115     | 54.7  | 47.8  | 71.8  |

Manual Integrations  
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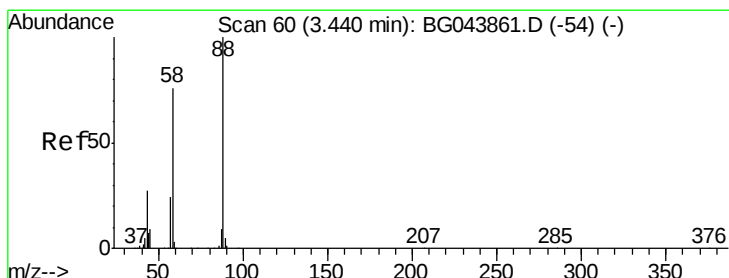
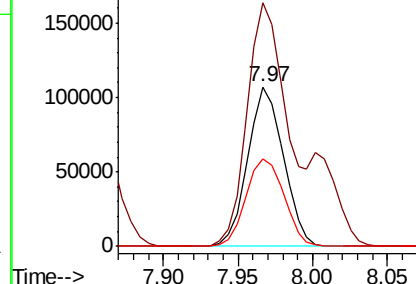
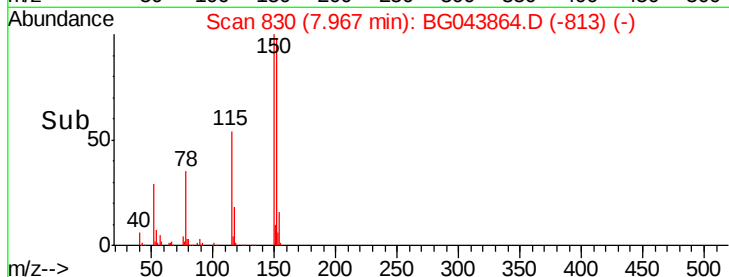


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

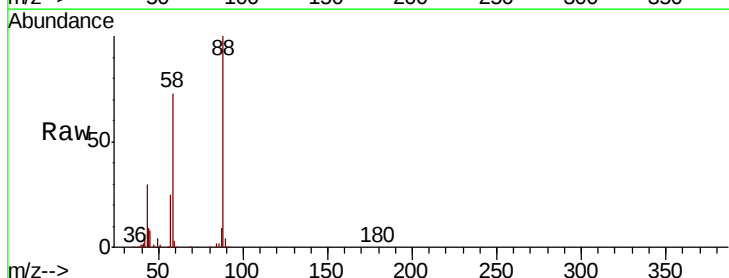
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 75.231 ng  
RT: 3.44 min Scan# 59  
Delta R.T. -0.00 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 74.4  | 59.8  | 89.8  |
| 43      | 28.9  | 22.9  | 34.3  |

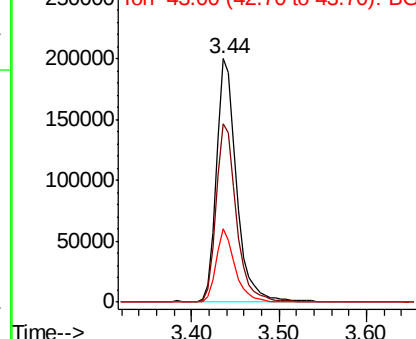
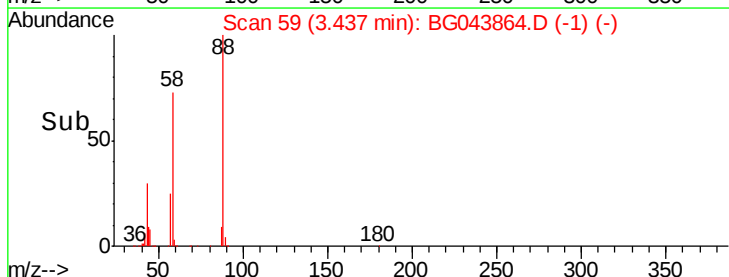


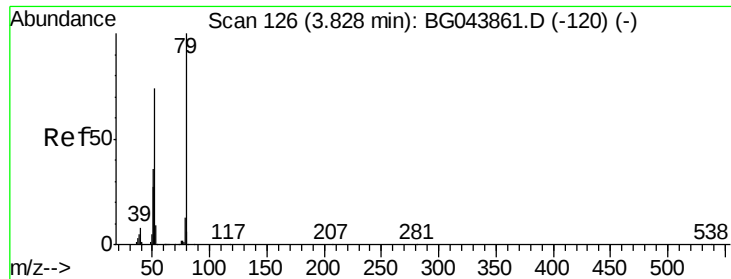
Abundance

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

Pvridine

Concen: 73.360 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA\_G

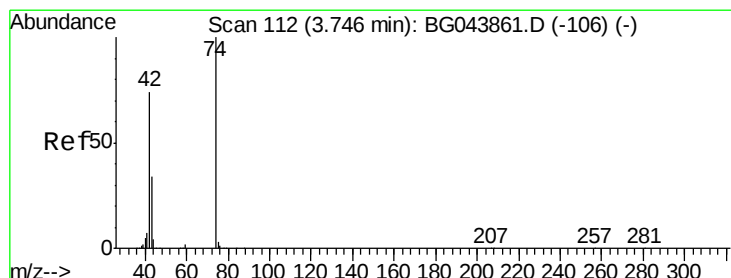
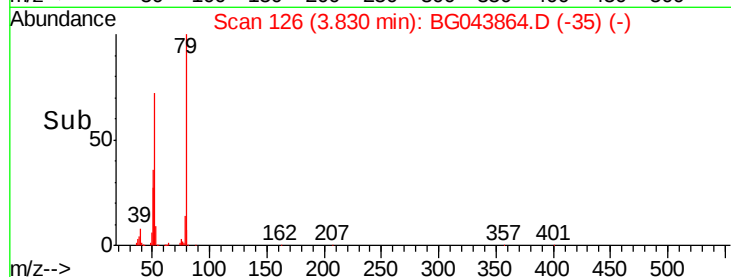
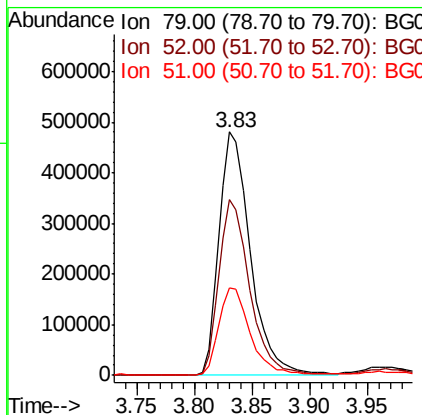
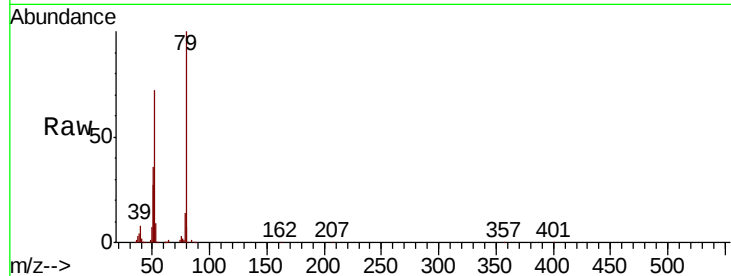
ClientSampleId :

SSTDIC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 910554 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 72.1  | 58.9  | 88.3   |
| 51        | 36.2  | 28.6  | 43.0   |

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#4

n-Nitrosodimethylamine

Concen: 75.822 ng

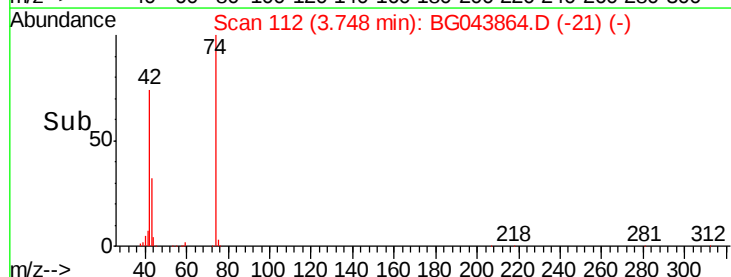
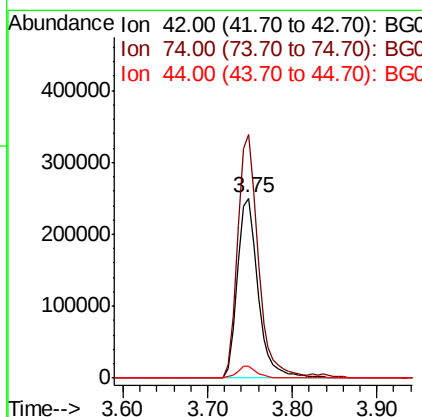
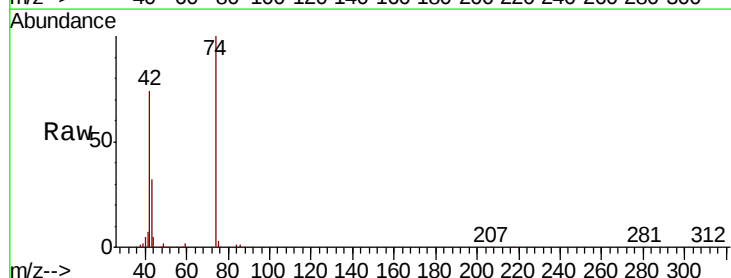
RT: 3.75 min Scan# 112

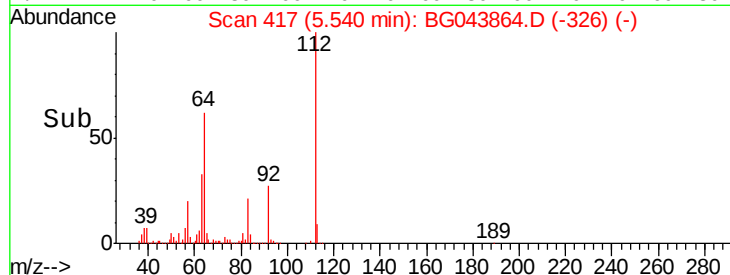
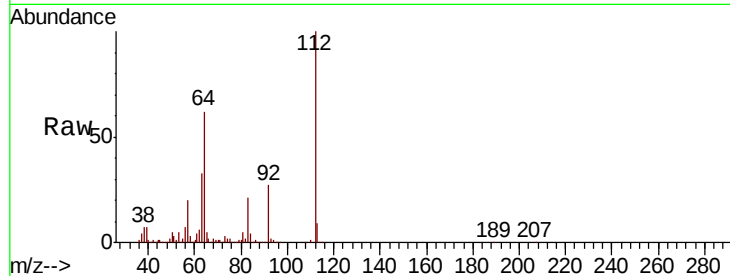
Delta R.T. 0.00 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 420854 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 135.1 | 108.6 | 162.8  |
| 44        | 6.6   | 5.0   | 7.6    |





#5

2-Fluorophenol

Concen: 144.444 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 1400052 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 61.9  | 47.8  | 71.6    |
| 63       | 33.3  | 24.3  | 36.5    |

Instrument :

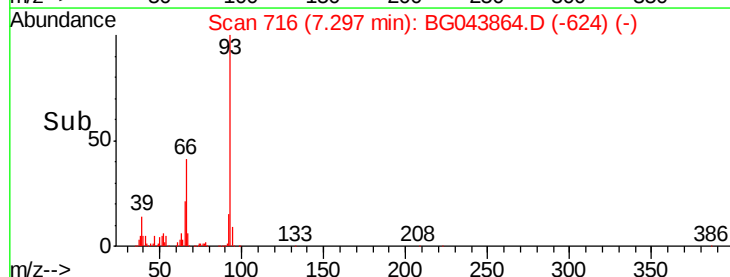
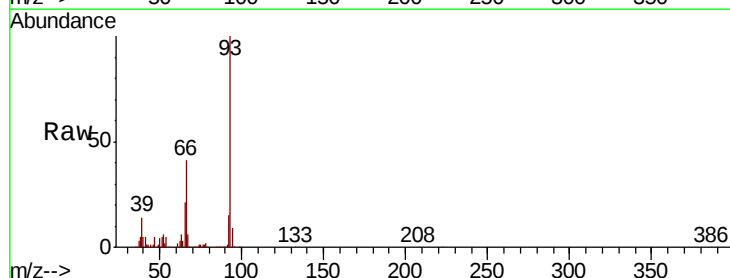
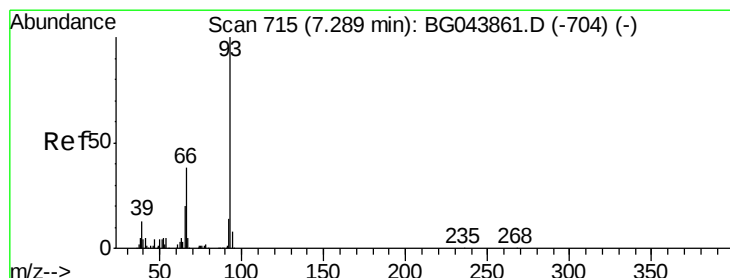
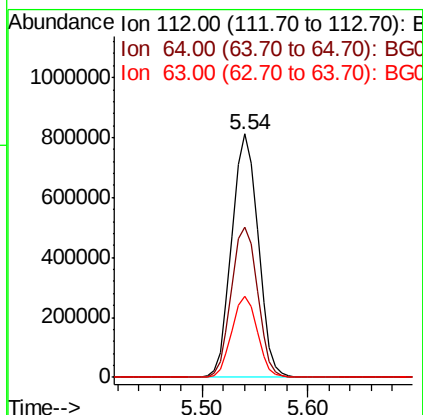
BNA\_G

ClientSampleId :

SSTDICC080

Manual Integrations  
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#6

Aniline

Concen: 73.440 ng

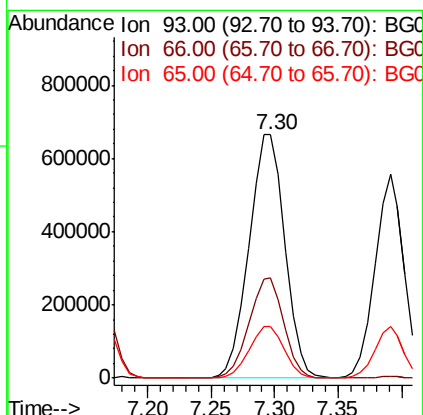
RT: 7.30 min Scan# 716

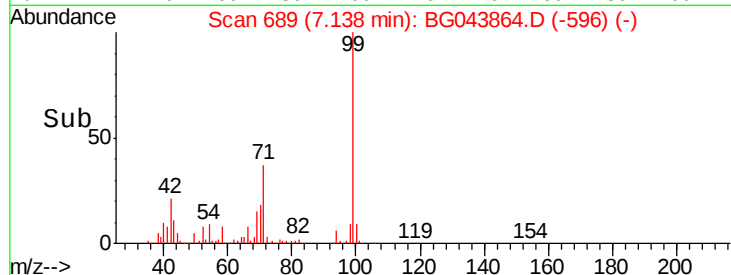
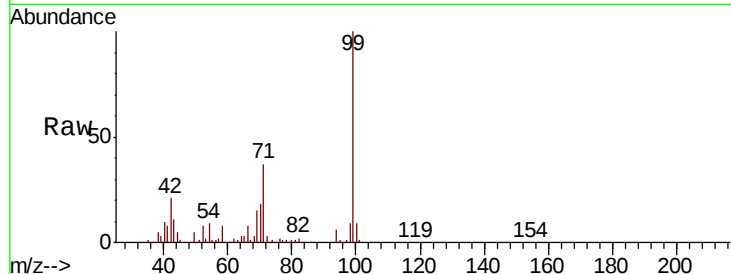
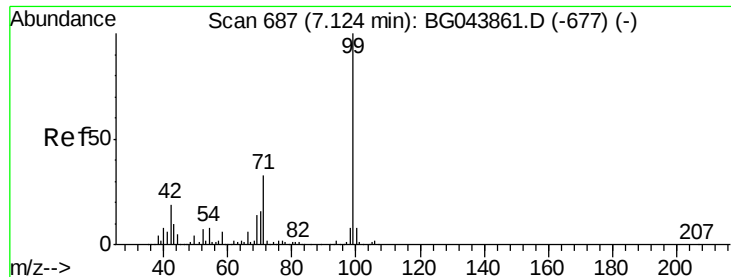
Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 93    | Resp: | 1307497 |
| Ion      | Ratio | Lower | Upper   |
| 93       | 100   |       |         |
| 66       | 41.1  | 30.8  | 46.2    |
| 65       | 21.2  | 16.0  | 24.0    |





#7

Phenol-d6

Concen: 139.725 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

Tot Ion: 99 Resp: 1897702

Ion Ratio Lower Upper

99 100

42 21.2 14.9 22.3

71 36.7 26.4 39.6

Instrument :

BNA\_G

ClientSampleId :

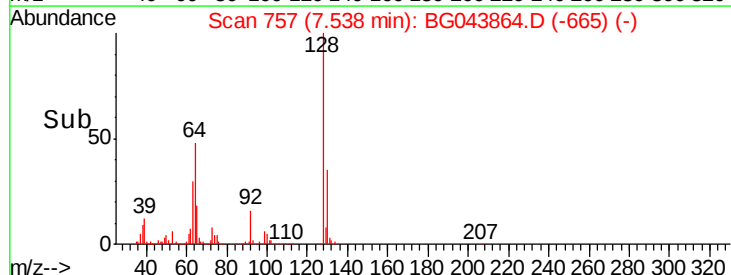
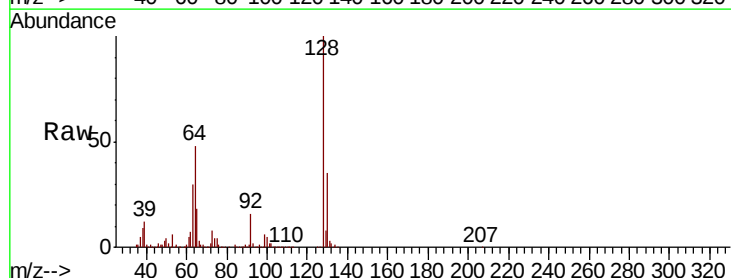
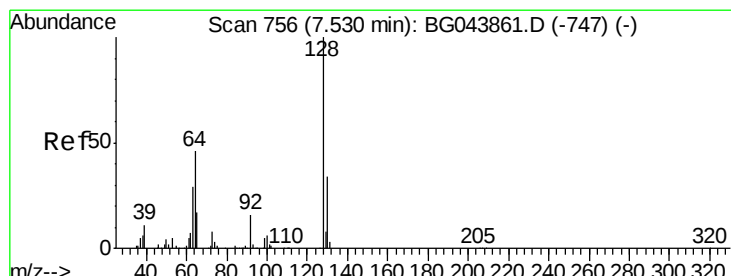
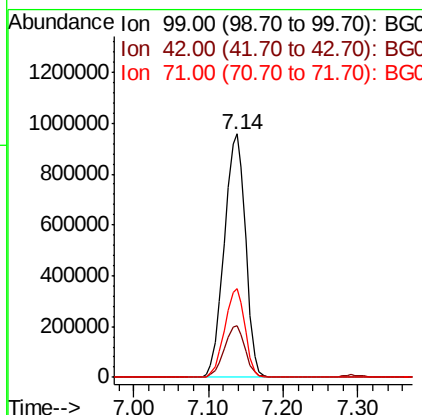
SSTDIC080

Manual Integrations

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#8

2-Chlorophenol

Concen: 72.825 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

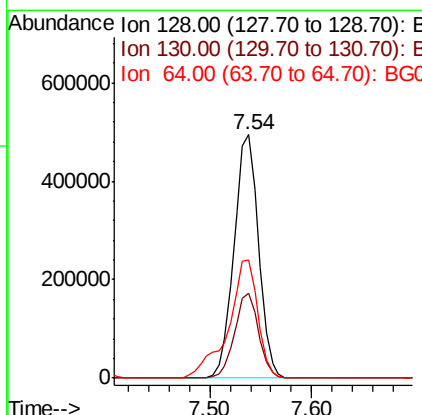
Tgt Ion:128 Resp: 827825

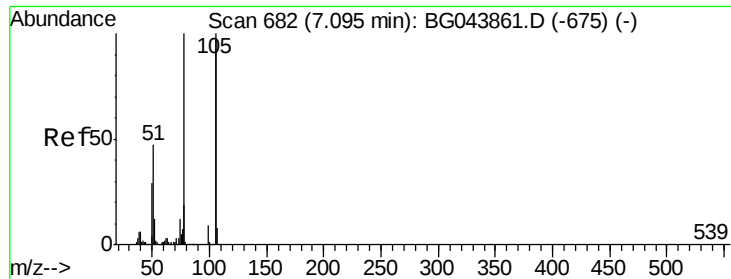
Ion Ratio Lower Upper

128 100

130 34.6 13.8 53.8

64 48.3 27.6 67.6





#9

Benzaldehyde

Concen: 85.267 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA\_G

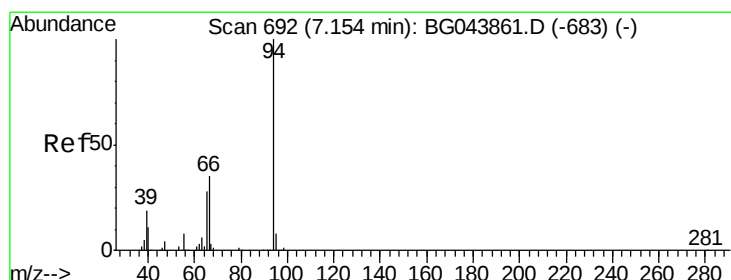
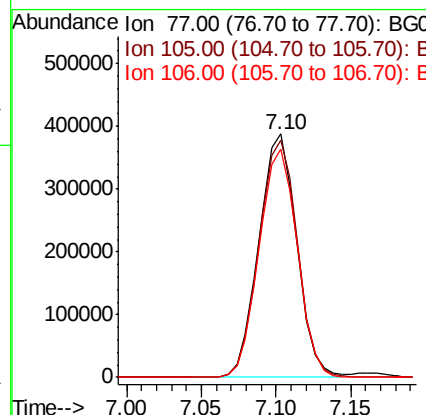
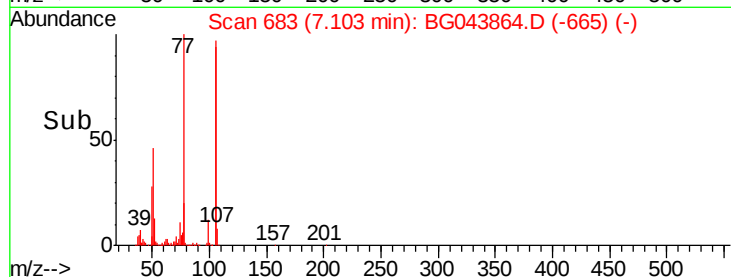
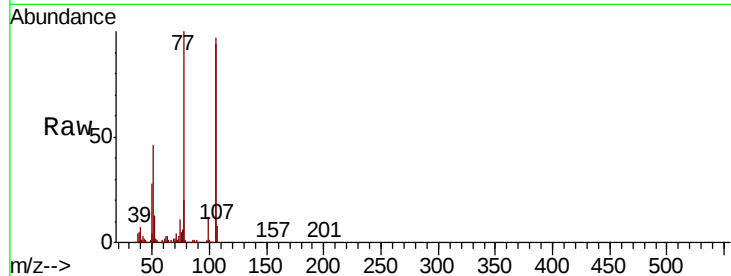
ClientSampleId :

SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 97.4  | 80.2  | 120.2 |
| 106     | 93.6  | 77.2  | 117.2 |

Manual Integrations  
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#10

Phenol

Concen: 72.605 ng

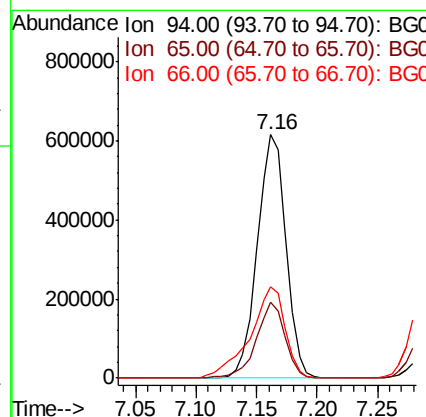
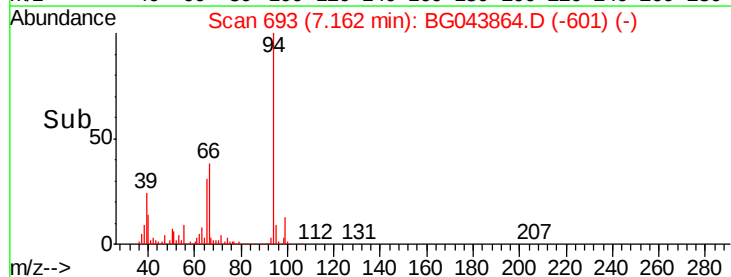
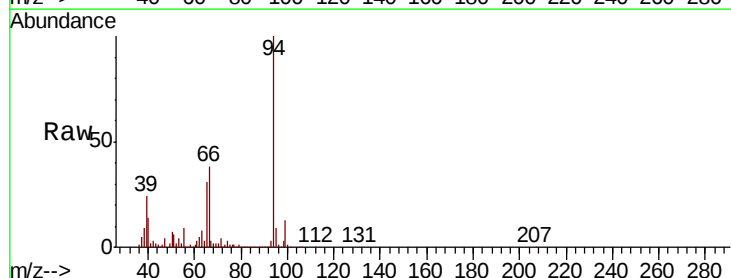
RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 31.2  | 8.1   | 48.1  |
| 66      | 37.7  | 15.6  | 55.6  |





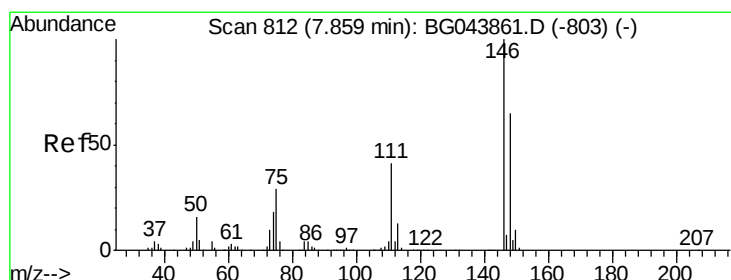
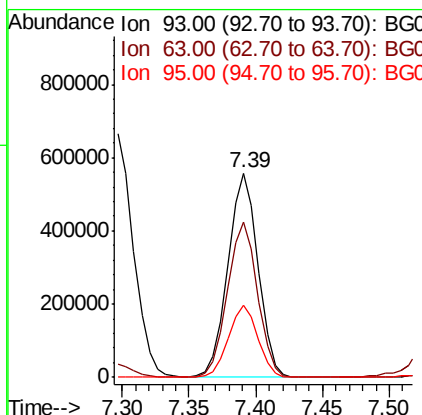
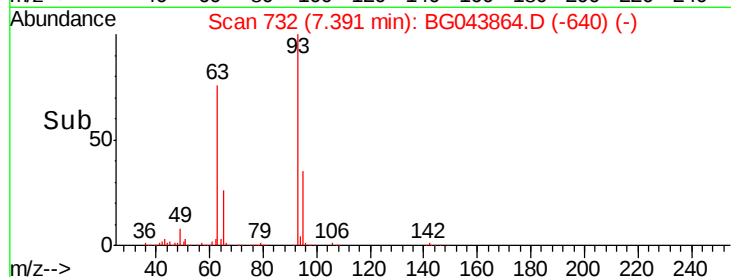
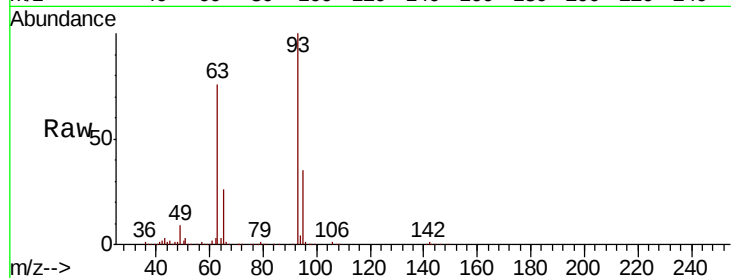
#11  
bis(2-Chloroethyl)ether  
Concen: 72.988 ng  
RT: 7.39 min Scan# 732  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.0  | 55.0  | 95.0  |
| 95      | 35.1  | 13.3  | 53.3  |

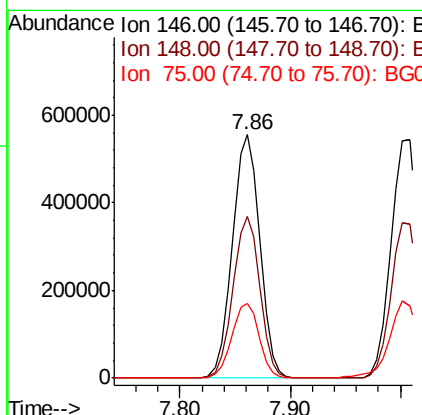
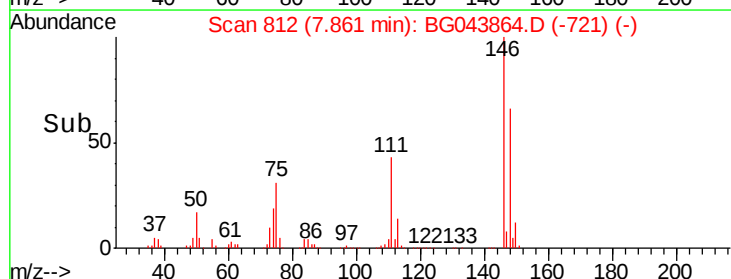
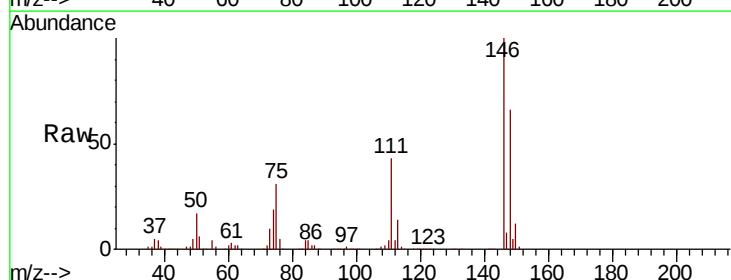
Manual Integrations  
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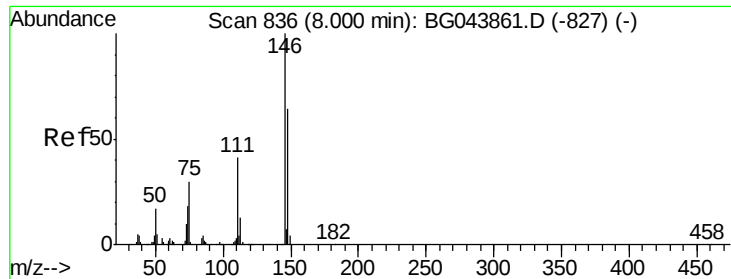
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 72.644 ng  
RT: 7.86 min Scan# 812  
Delta R.T. 0.00 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.3  | 52.1  | 78.1  |
| 75      | 30.7  | 23.0  | 34.4  |





#13

1,4-Dichlorobenzene

Concen: 73.231 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA\_G

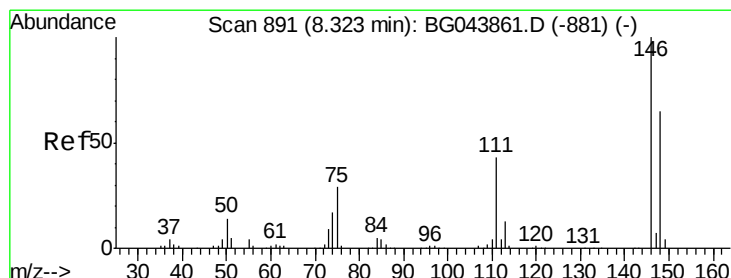
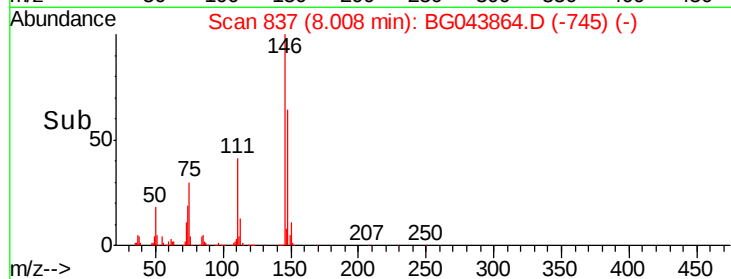
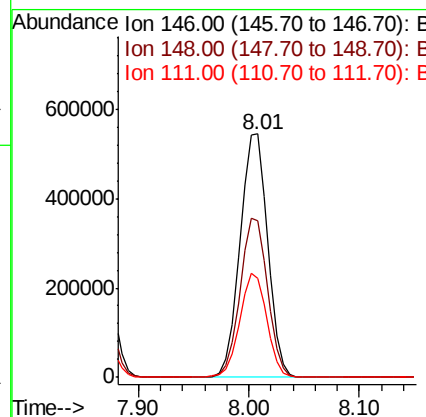
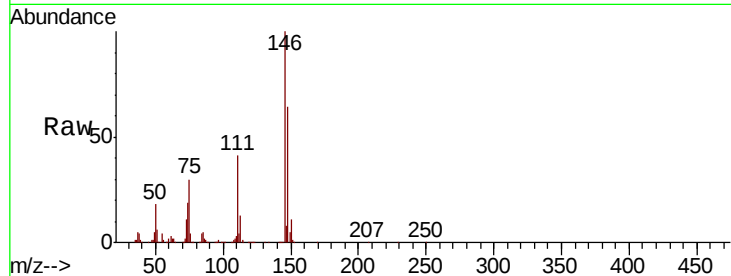
ClientSampleId :

SSTDIC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 960880 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.3  | 51.2  | 76.8   |
| 111       | 40.6  | 33.1  | 49.7   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 72.204 ng

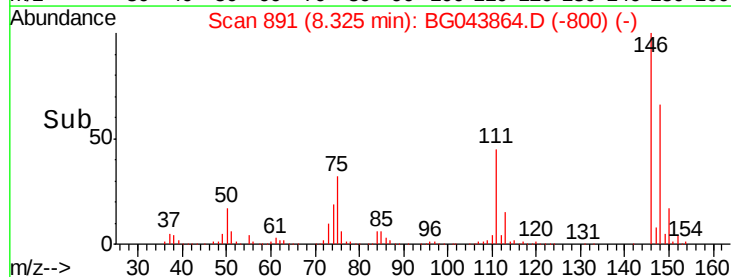
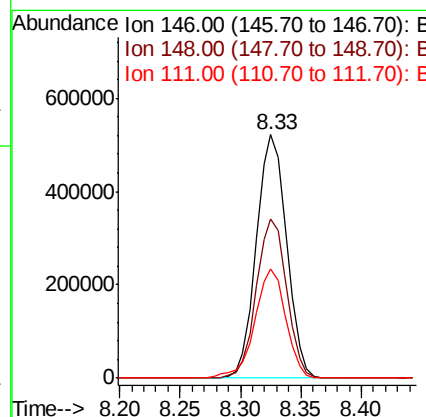
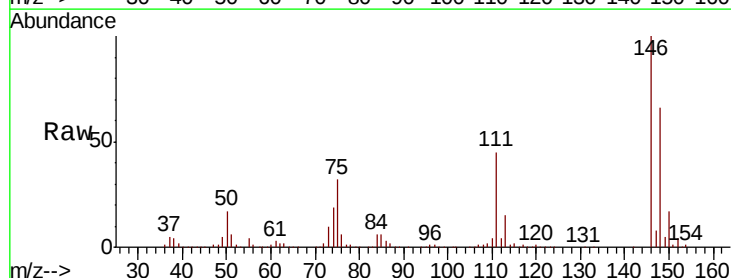
RT: 8.33 min Scan# 891

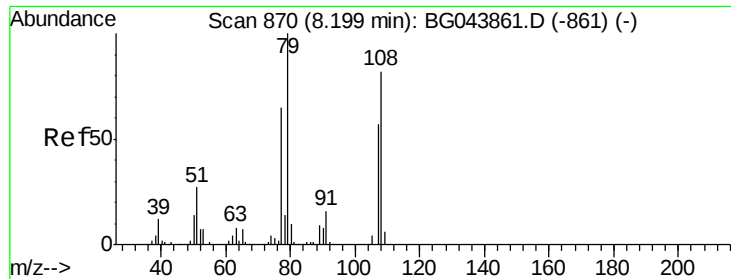
Delta R.T. 0.00 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 910622 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.6  | 51.7  | 77.5   |
| 111       | 44.6  | 34.4  | 51.6   |





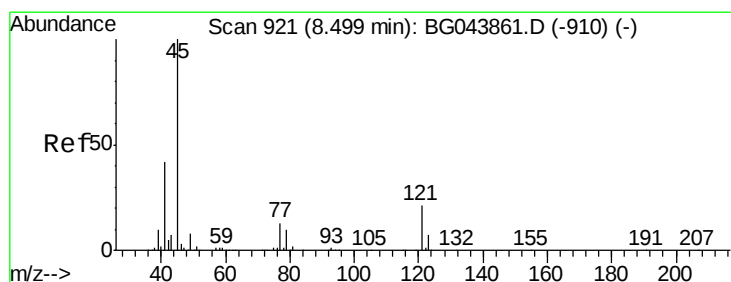
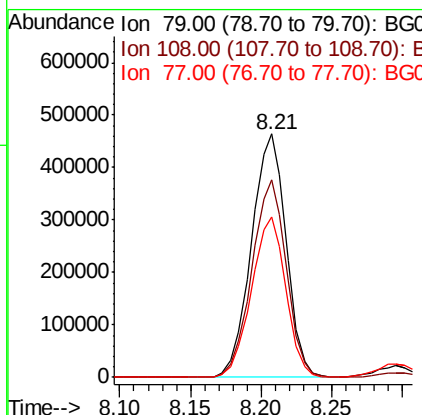
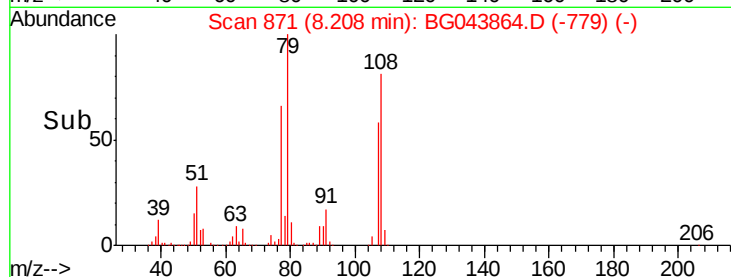
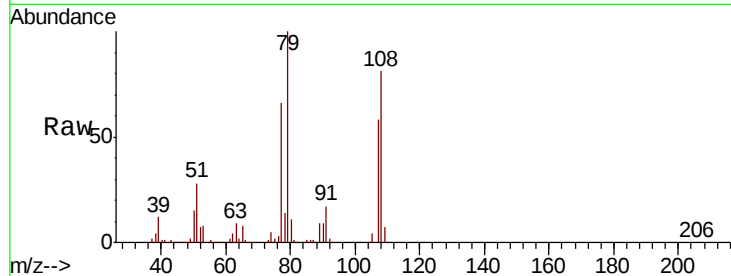
#15  
Benzyl Alcohol  
Concen: 74.900 ng  
RT: 8.21 min Scan# 871  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 81.1  | 65.6  | 98.4  |
| 77      | 65.7  | 52.0  | 78.0  |

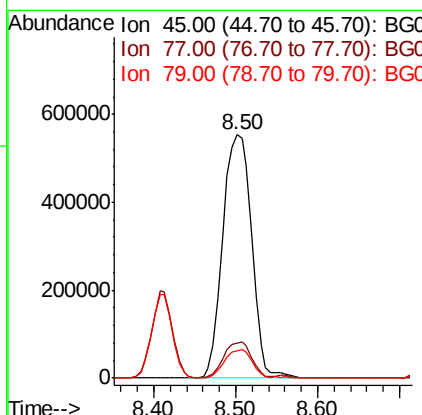
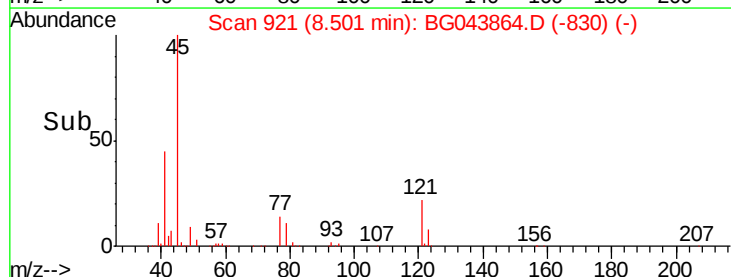
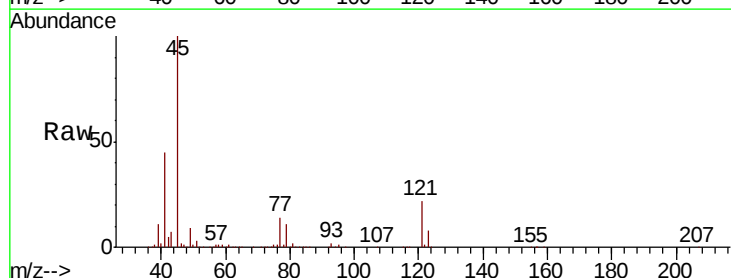
Manual Integrations  
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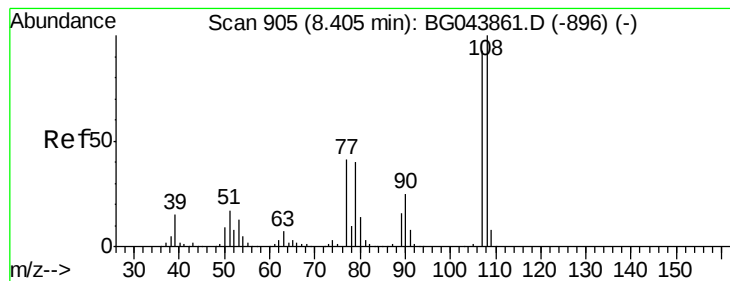
mohammad  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 73.073 ng  
RT: 8.50 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.3  | 0.0   | 33.8  |
| 79      | 11.1  | 0.0   | 31.0  |





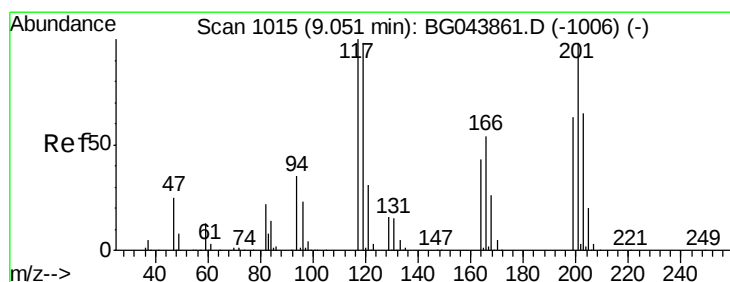
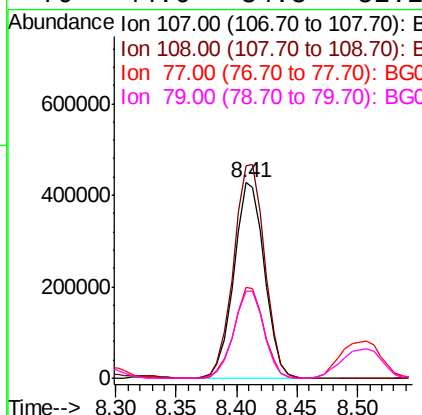
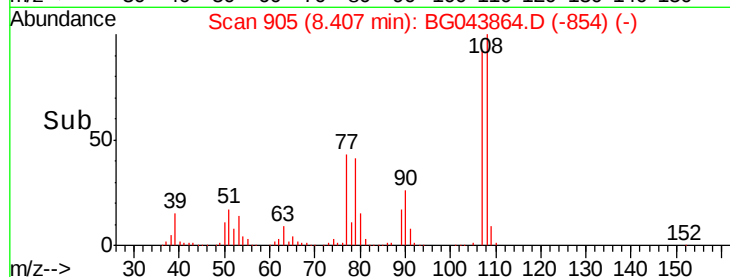
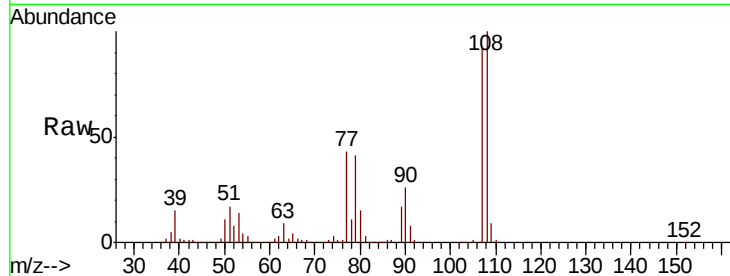
#17  
2-Methylphenol  
Concen: 74.594 ng  
RT: 8.41 min Scan# 905  
Delta R.T. 0.00 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 108.8 | 86.1 | 129.1 |       |
| 77      | 46.5  | 35.4 | 53.0  |       |
| 79      | 44.6  | 34.8 | 52.2  |       |

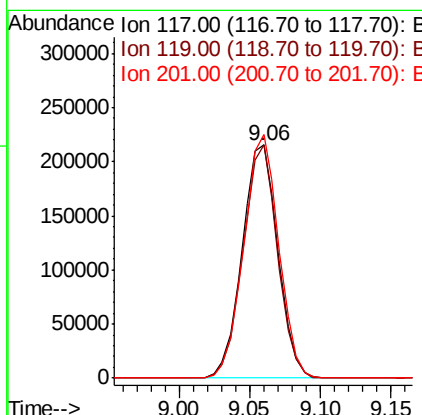
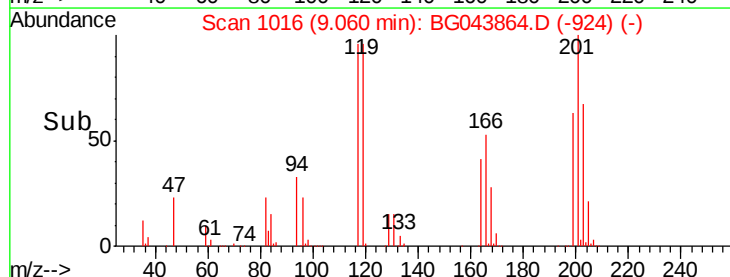
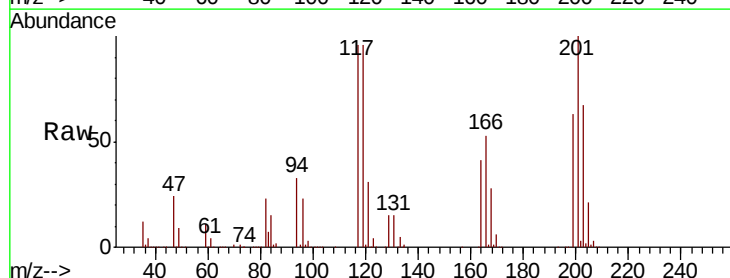
Manual Integrations  
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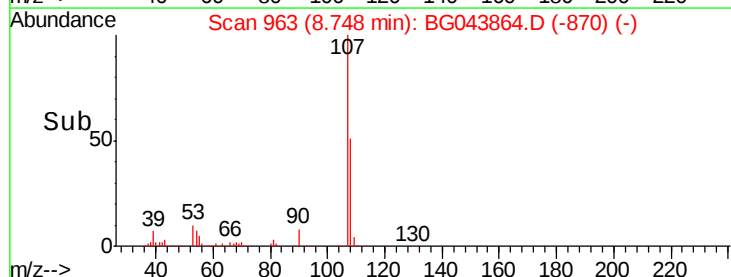
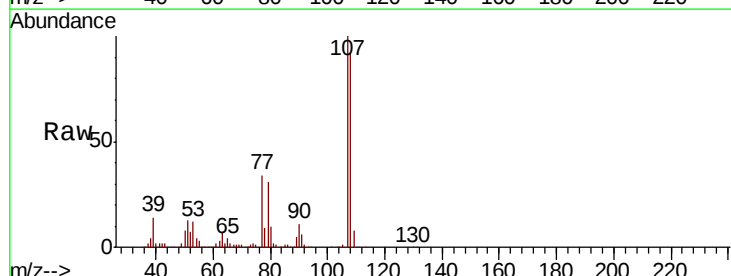
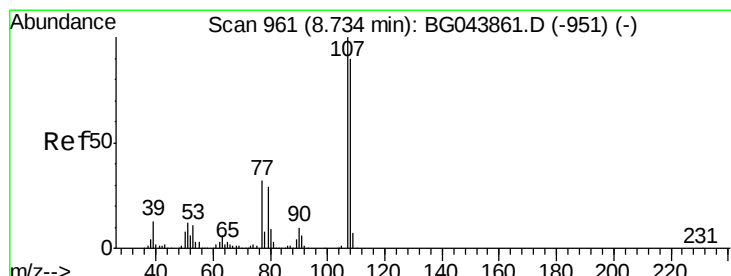
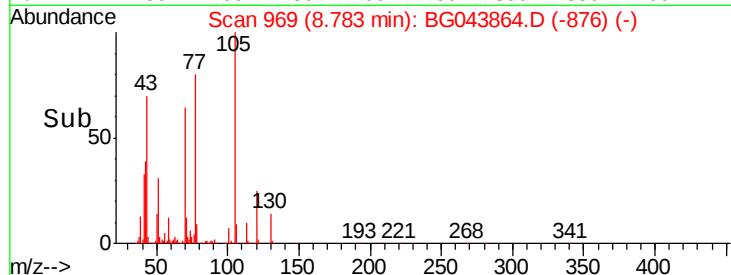
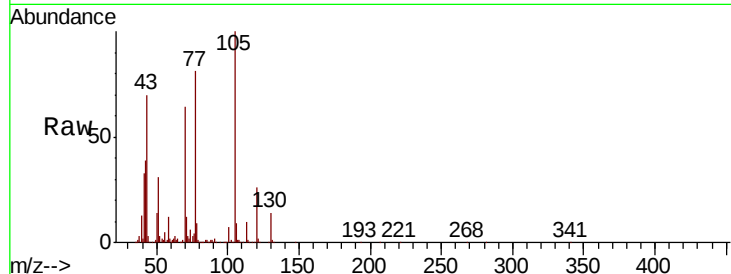
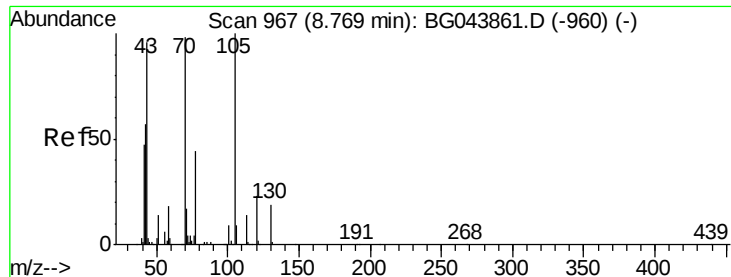
mohammad  
12/31/2019 1:47:58 PM



#18  
Hexachloroethane  
Concen: 74.643 ng  
RT: 9.06 min Scan# 1016  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 99.8  | 78.1 | 117.1 |       |
| 201     | 104.4 | 78.6 | 117.8 |       |





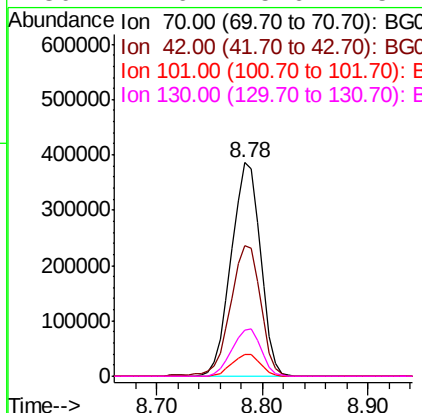
#19  
n-Nitroso-di-n-propylamine  
Concen: 72.987 ng  
RT: 8.78 min Scan# 969  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 61.1 | 47.0  | 70.4  |       |
| 101     | 10.5 | 7.2   | 10.8  |       |
| 130     | 21.6 | 15.6  | 23.4  |       |

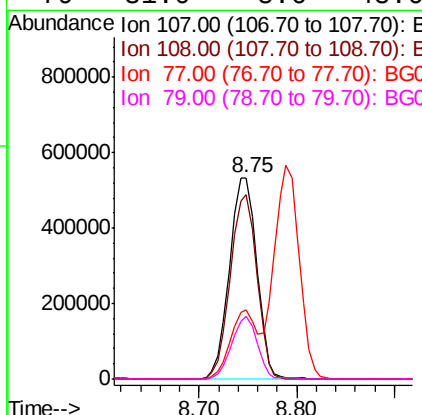
Manual Integrations  
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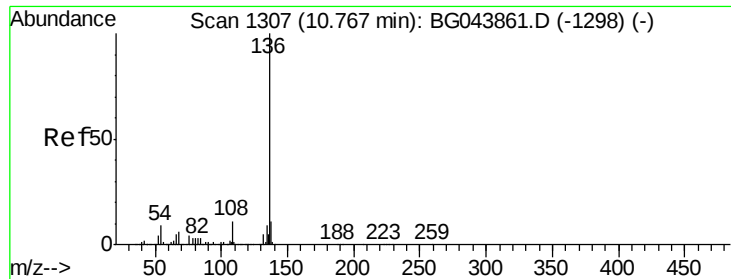
mohammad  
12/31/2019 1:47:58 PM



#20  
3+4-Methylphenols  
Concen: 73.916 ng  
RT: 8.75 min Scan# 963  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 91.7 | 70.3  | 110.3 |       |
| 77      | 34.3 | 12.4  | 52.4  |       |
| 79      | 31.0 | 8.6   | 48.6  |       |





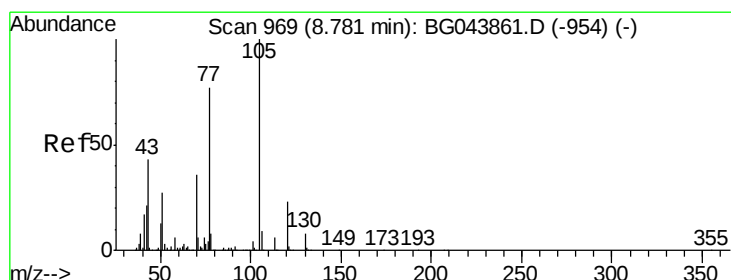
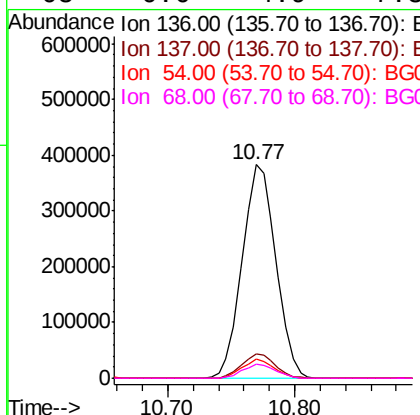
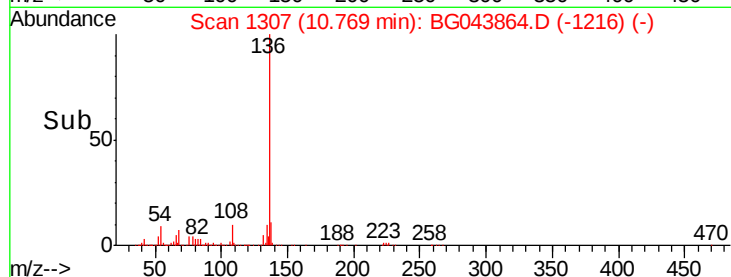
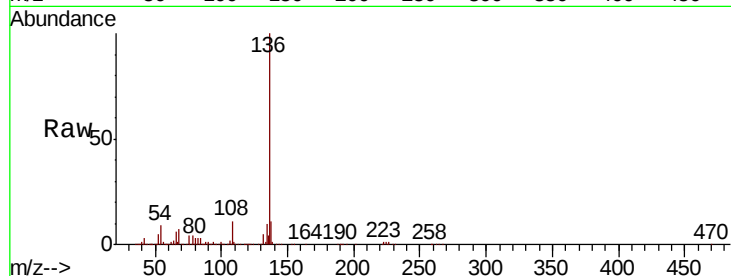
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.77 min Scan# 1307  
Delta R.T. 0.00 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 704238 |       |       |
| 137     | 11.2 | 8.8   | 13.2   |       |       |
| 54      | 9.2  | 7.0   | 10.4   |       |       |
| 68      | 6.6  | 4.9   | 7.3    |       |       |

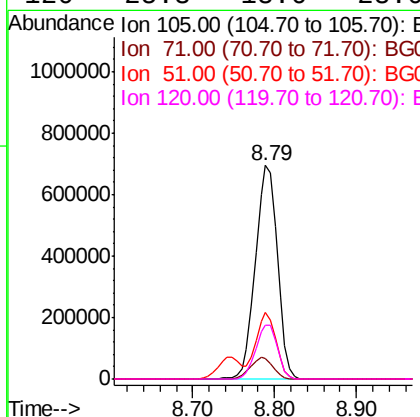
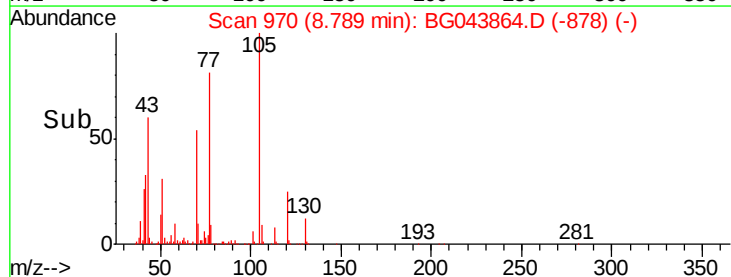
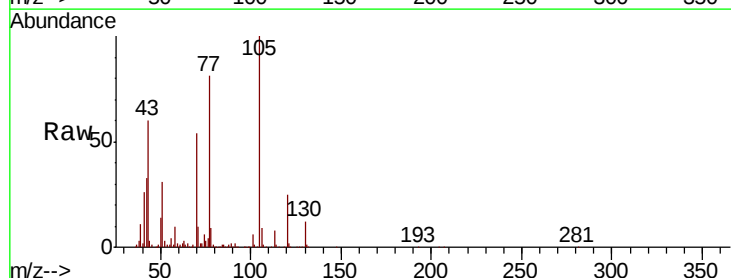
Manual Integrations  
APPROVED

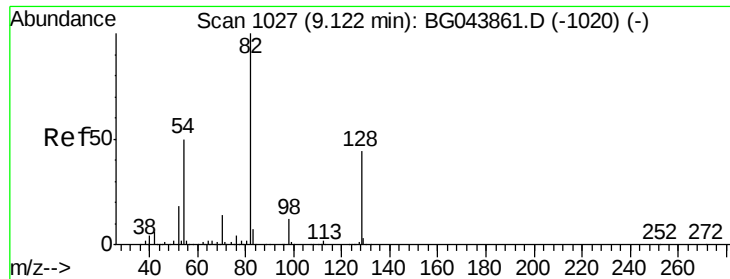
mohammad  
12/31/2019 1:47:58 PM



#22  
Acetophenone  
Concen: 74.398 ng  
RT: 8.79 min Scan# 970  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 105     | 100  |       | 1303875 |       |       |
| 71      | 9.6  | 4.8   | 7.2#    |       |       |
| 51      | 31.1 | 21.4  | 32.0    |       |       |
| 120     | 25.3 | 18.6  | 28.0    |       |       |





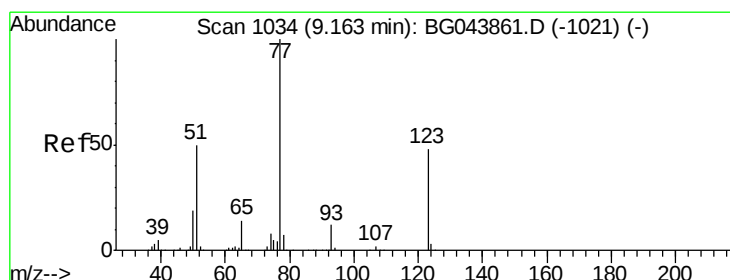
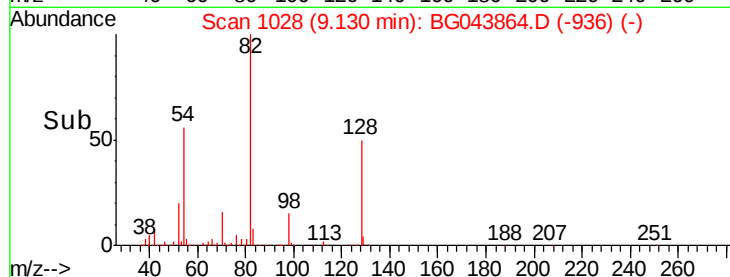
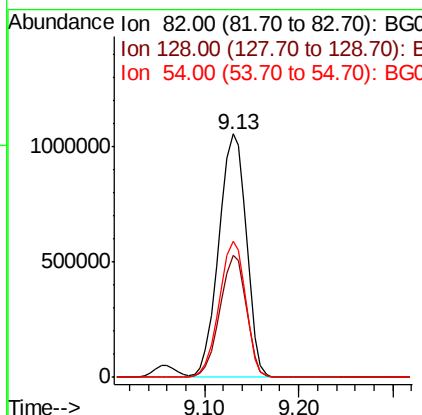
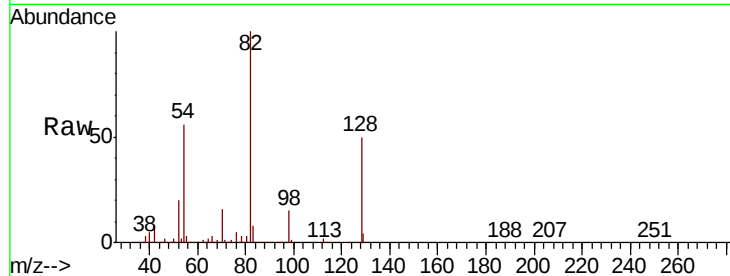
#23  
 Nitrobenzene-d5  
 Concen: 169.843 ng  
 RT: 9.13 min Scan# 1028  
 Delta R.T. 0.01 min  
 Lab File: BG043864.D  
 Acq: 30 Dec 2019 15:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 50.0  | 35.1  | 52.7  |
| 54      | 55.7  | 40.1  | 60.1  |

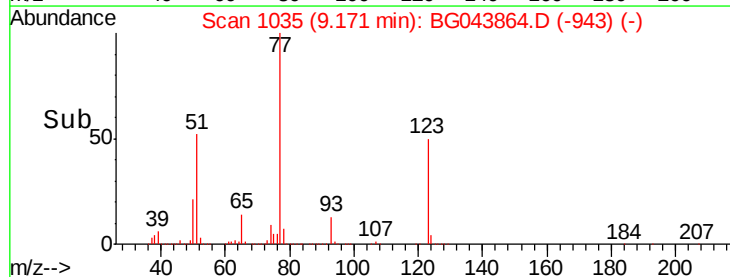
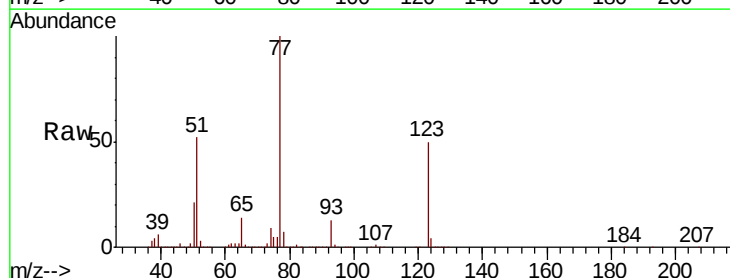
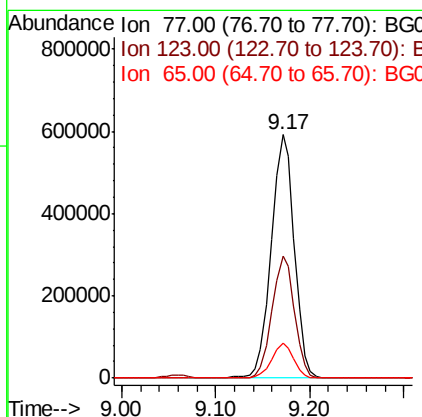
Manual Integrations  
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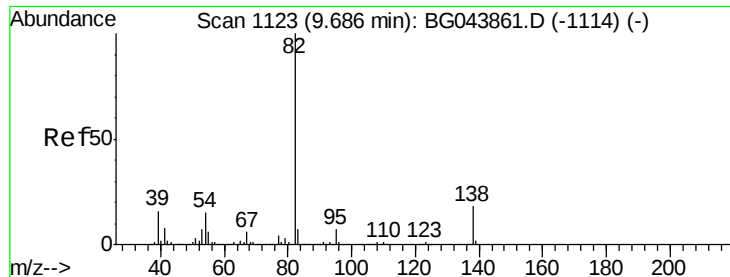
mohammad  
 12/31/2019 1:47:58 PM



#24  
 Nitrobenzene  
 Concen: 76.657 ng  
 RT: 9.17 min Scan# 1035  
 Delta R.T. 0.01 min  
 Lab File: BG043864.D  
 Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.1  | 38.7  | 58.1  |
| 65      | 14.1  | 11.1  | 16.7  |





#25

Isophorone

Concen: 75.607 ng

RT: 9.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA\_G

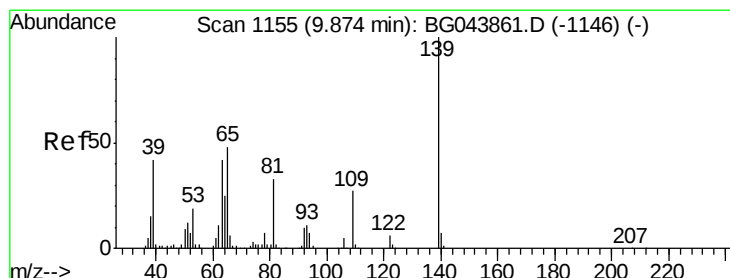
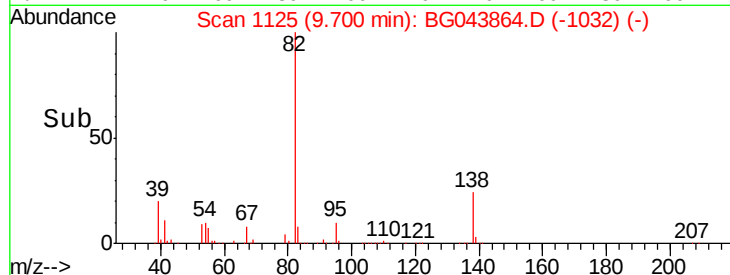
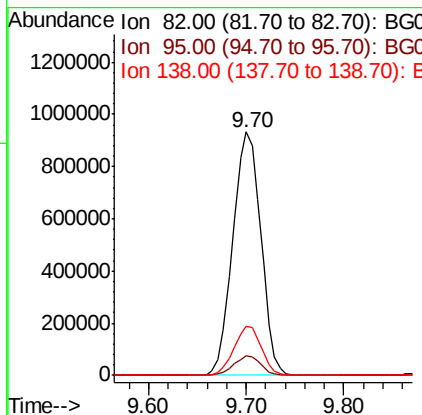
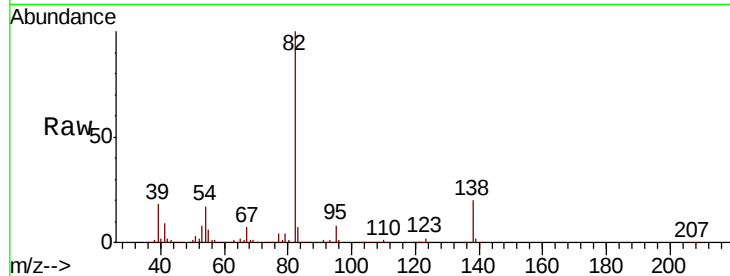
ClientSampleId :

SSTDIC080

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 82    | Resp: | 1866911 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 95       | 8.0   | 5.8   | 8.6     |
| 138      | 19.9  | 14.6  | 22.0    |

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#26

2-Nitrophenol

Concen: 83.746 ng

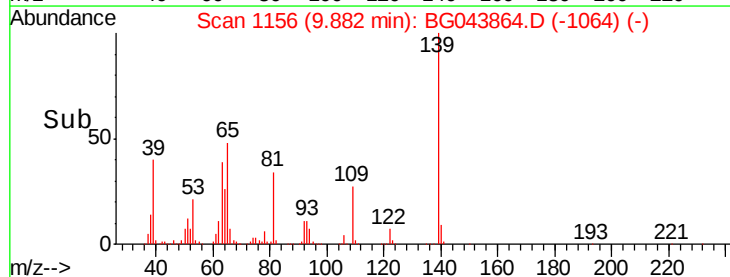
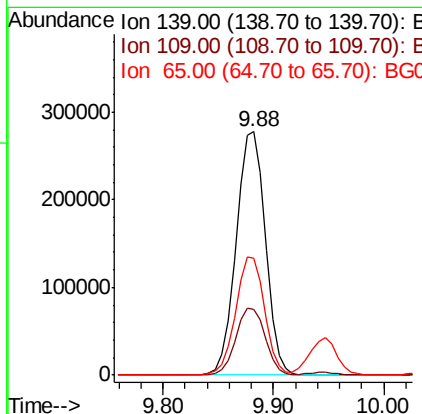
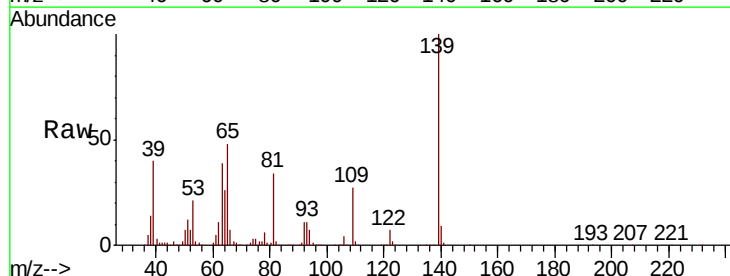
RT: 9.88 min Scan# 1156

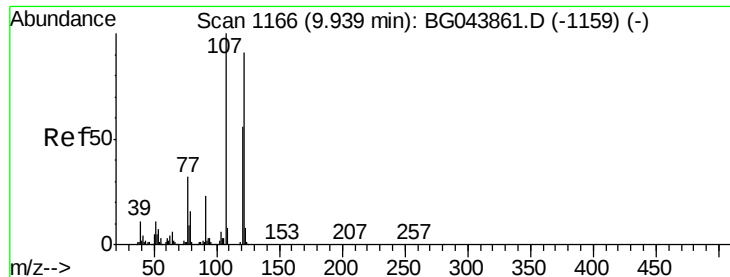
Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 516571 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 26.7  | 21.3  | 31.9   |
| 65       | 48.0  | 38.6  | 57.8   |





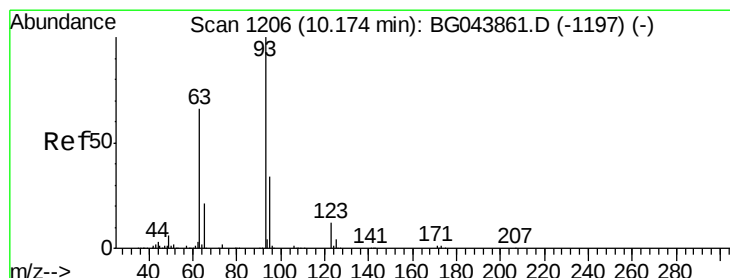
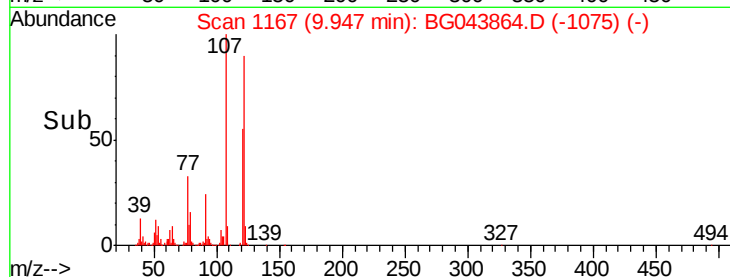
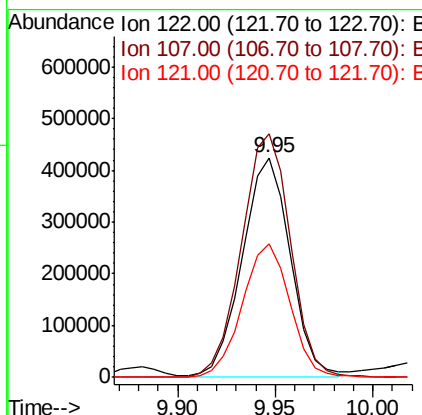
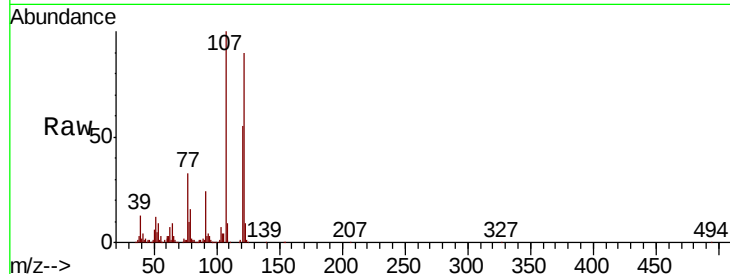
#27  
 2,4-Dimethylphenol  
 Concen: 77.525 ng  
 RT: 9.95 min Scan# 1167  
 Delta R.T. 0.01 min  
 Lab File: BG043864.D  
 Acq: 30 Dec 2019 15:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.7 | 88.0  | 132.0 |
| 121     | 60.6  | 49.0  | 73.4  |

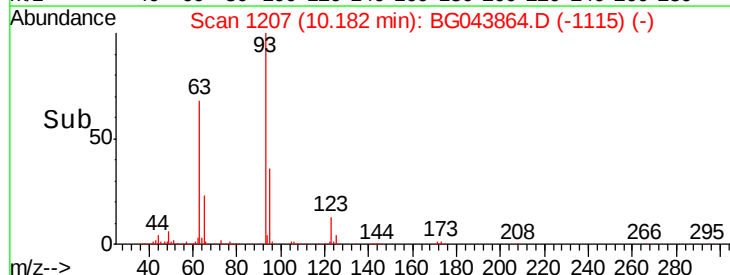
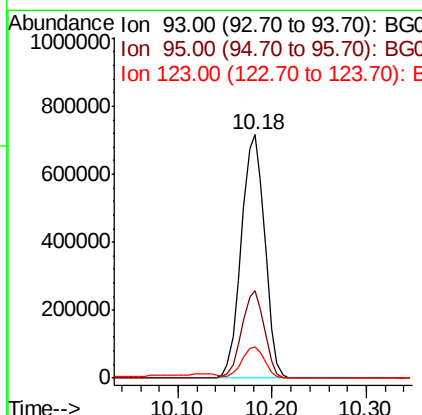
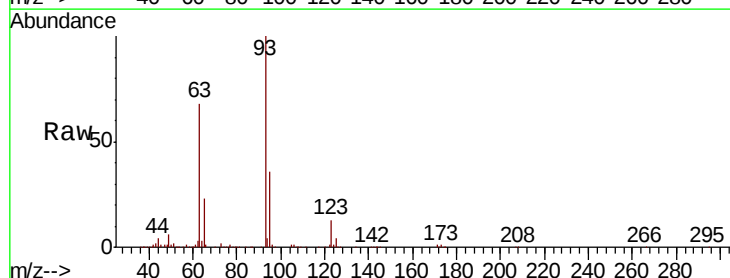
Manual Integrations  
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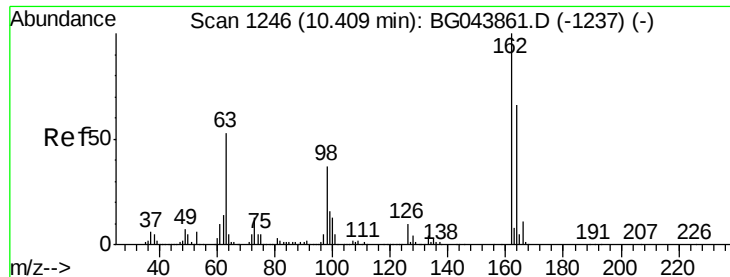
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 12/31/2019 1:47:58 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 74.892 ng  
 RT: 10.18 min Scan# 1207  
 Delta R.T. 0.01 min  
 Lab File: BG043864.D  
 Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 35.9  | 27.2  | 40.8  |
| 123     | 12.9  | 9.7   | 14.5  |





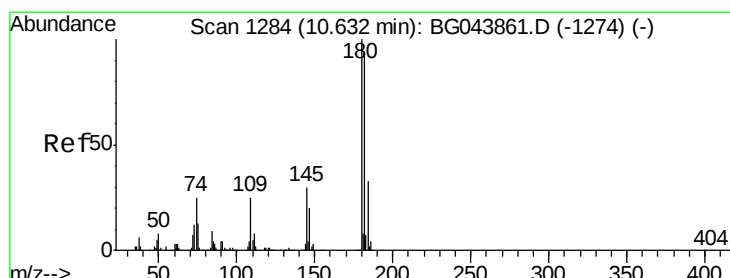
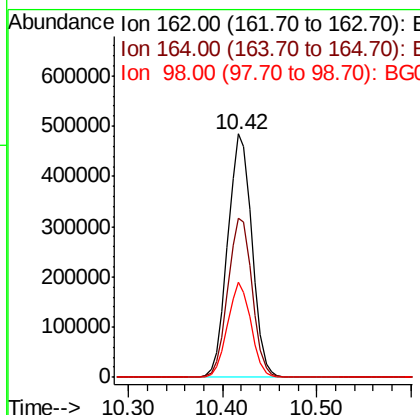
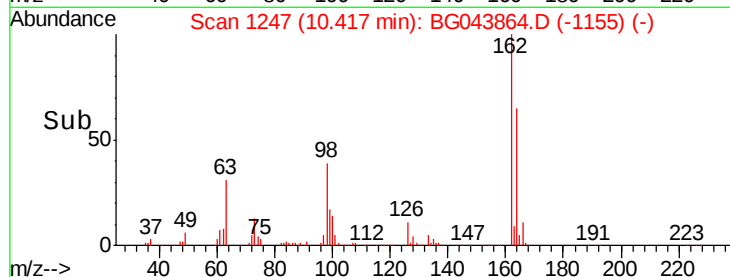
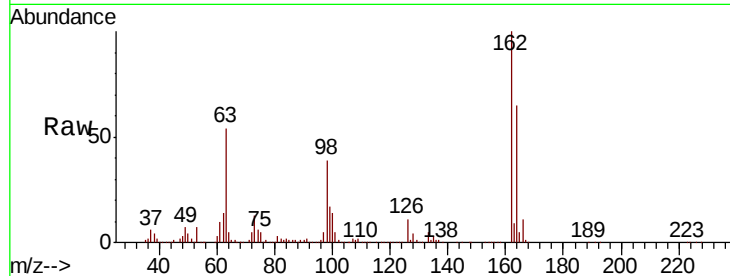
#29  
2,4-Dichlorophenol  
Concen: 78.361 ng  
RT: 10.42 min Scan# 1247  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 866456 |       |       |
| 164     | 65.5  | 46.3   | 86.3  |       |
| 98      | 39.2  | 17.3   | 57.3  |       |

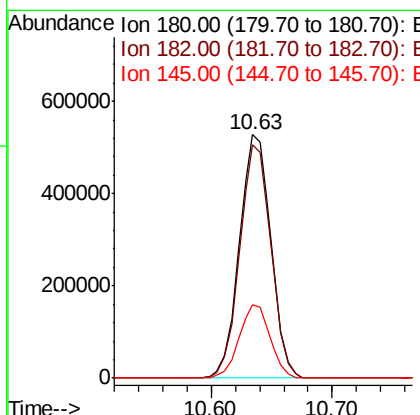
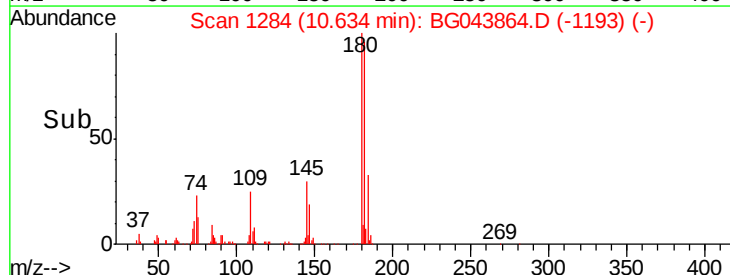
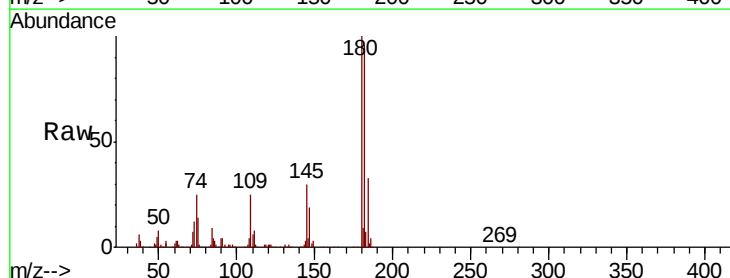
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#30  
1,2,4-Trichlorobenzene  
Concen: 77.013 ng  
RT: 10.63 min Scan# 1284  
Delta R.T. 0.00 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 956547 |       |       |
| 182     | 95.6  | 75.0   | 112.4 |       |
| 145     | 30.0  | 24.2   | 36.4  |       |





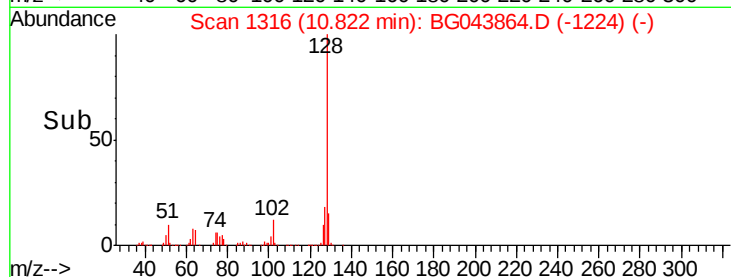
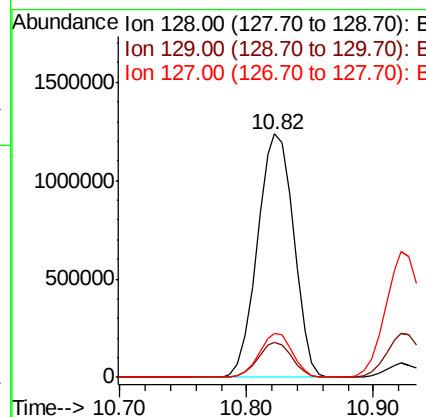
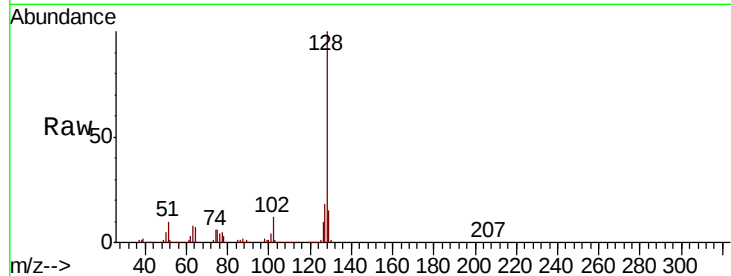
#31  
Naphthalene  
Concen: 72.200 ng  
RT: 10.82 min Scan# 1316  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 14.6  | 9.8   | 14.6  |
| 127     | 18.0  | 12.0  | 18.0  |

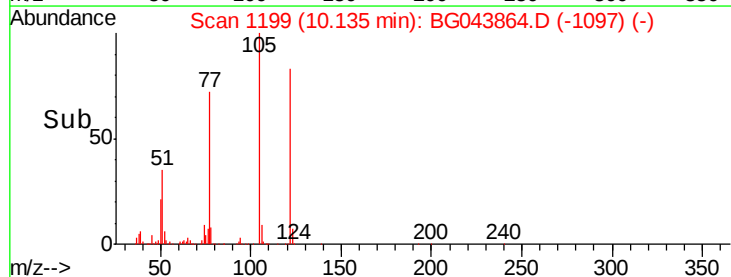
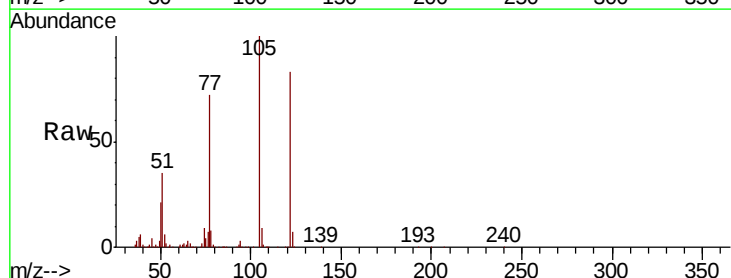
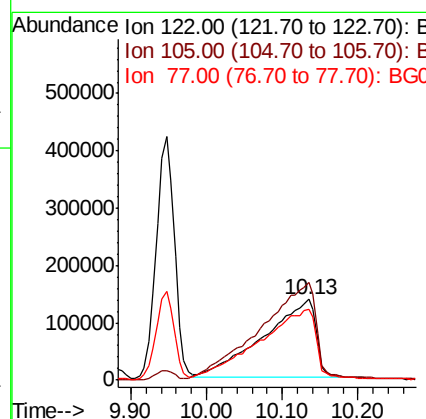
Manual Integrations  
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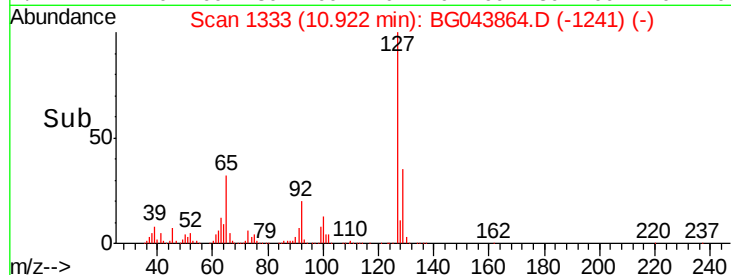
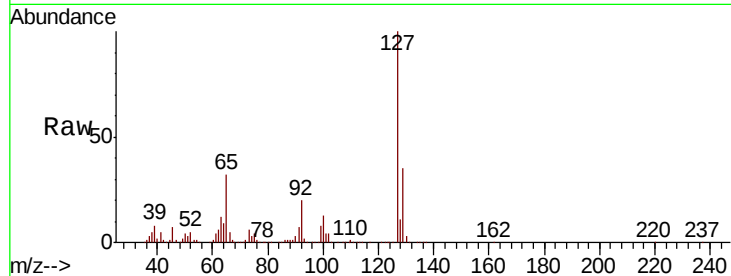
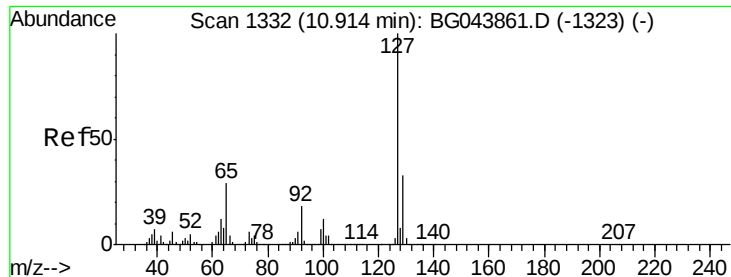
mohammad  
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#32  
Benzoic acid  
Concen: 90.248 ng m  
RT: 10.13 min Scan# 1199  
Delta R.T. 0.07 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 120.2 | 106.4 | 146.4 |
| 77      | 87.0  | 74.6  | 114.6 |





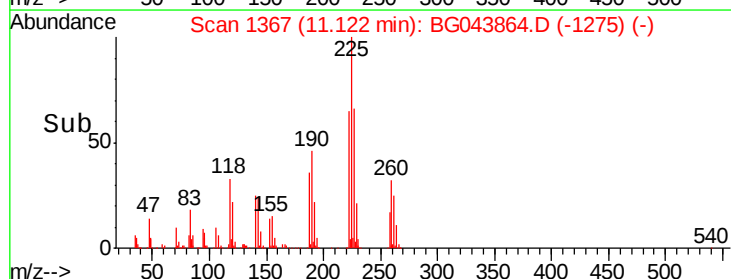
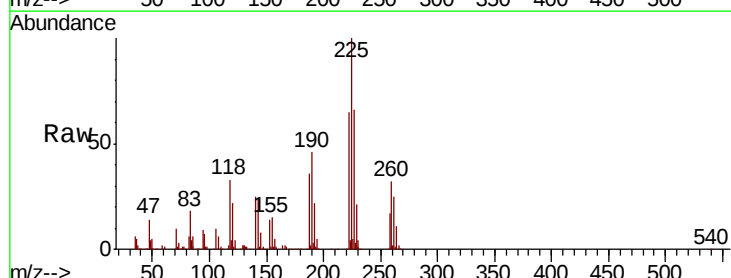
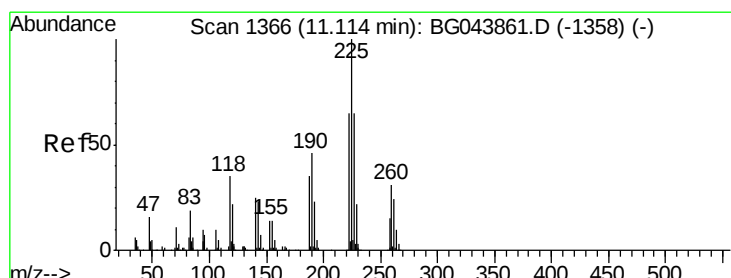
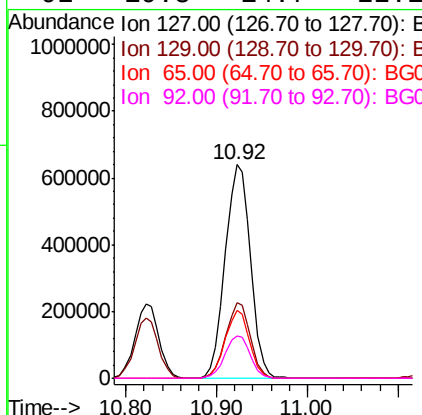
#33  
4-Chloroaniline  
Concen: 76.373 ng  
RT: 10.92 min Scan# 1333  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 35.3  | 26.6  | 40.0  |
| 65      | 32.0  | 23.3  | 34.9  |
| 92      | 19.8  | 14.7  | 22.1  |

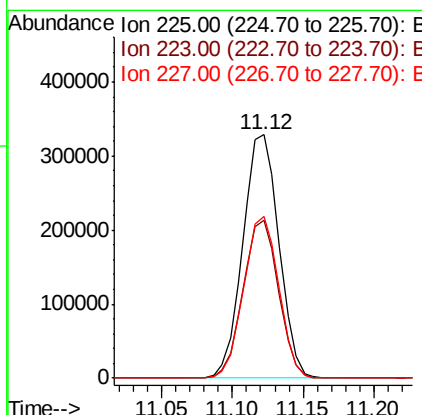
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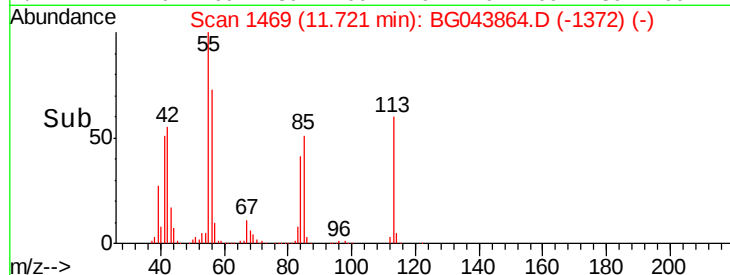
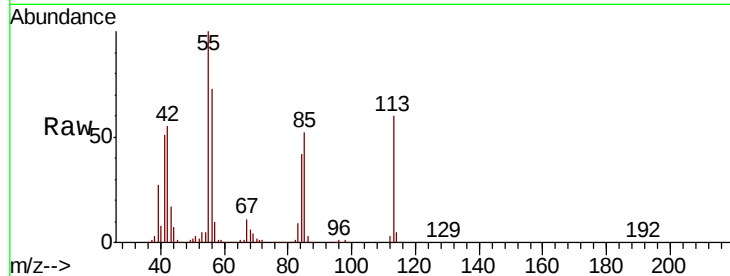
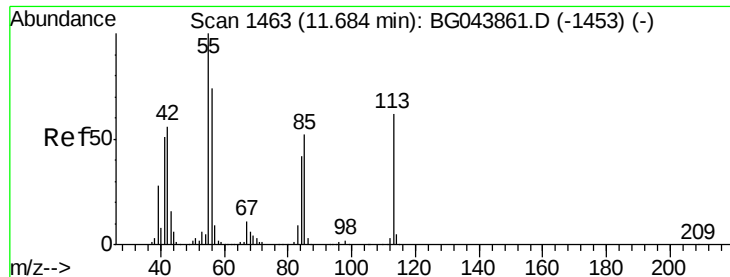
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 77.619 ng  
RT: 11.12 min Scan# 1367  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.8  | 52.2  | 78.4  |
| 227     | 66.4  | 52.1  | 78.1  |





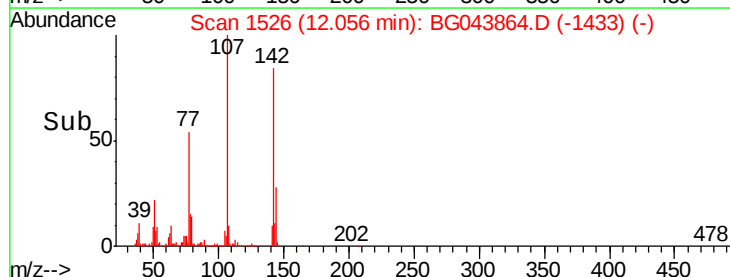
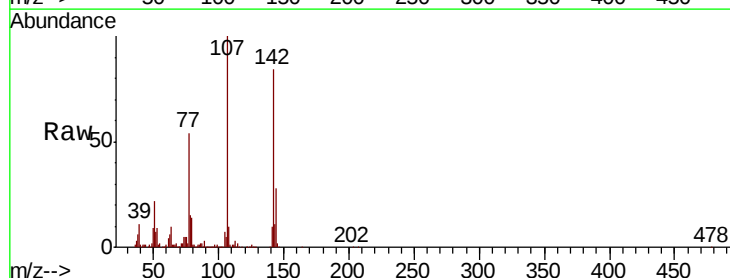
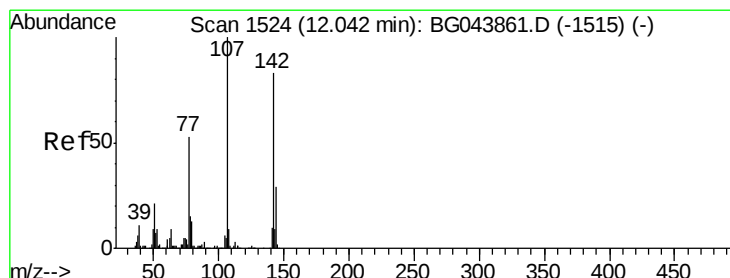
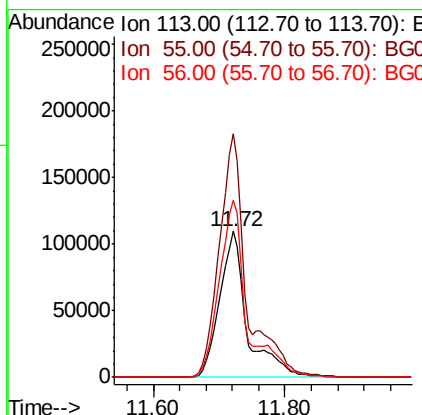
#35  
Caprolactam  
Concen: 78.000 ng/mL  
RT: 11.72 min Scan# 1469  
Delta R.T. 0.04 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 166.7 | 142.5 | 182.5 |
| 56      | 121.5 | 101.4 | 141.4 |

Instrument :  
BNA\_G  
ClientSampleID :  
SSTDIC080

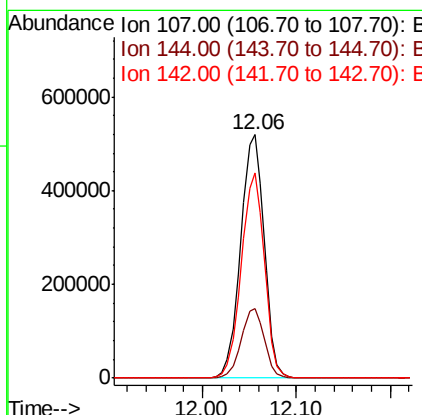
Manual Integrations  
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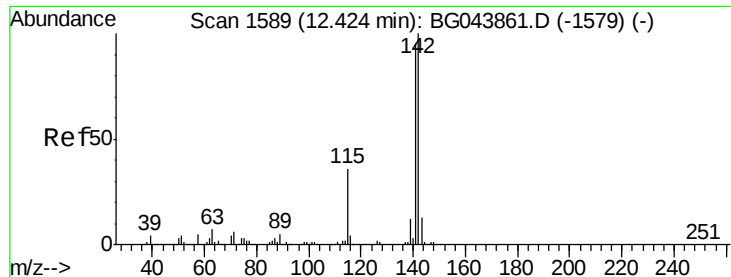
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#36  
4-Chloro-3-methylphenol  
Concen: 76.299 ng/mL  
RT: 12.06 min Scan# 1526  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.4  | 23.4  | 35.2  |
| 142     | 84.3  | 66.3  | 99.5  |





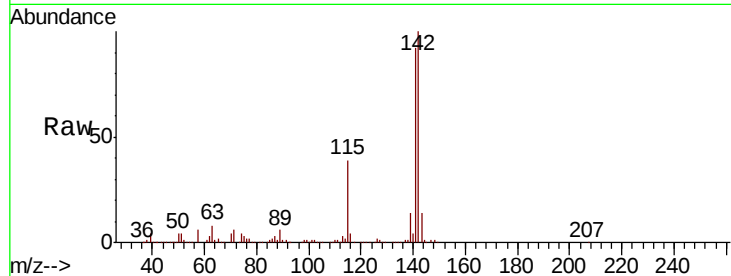
#37  
2-Methylnaphthalene  
Concen: 73.047 ng  
RT: 12.43 min Scan# 1589  
Delta R.T. 0.00 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.0  | 75.8  | 113.8 |
| 115     | 38.9  | 28.6  | 42.8  |

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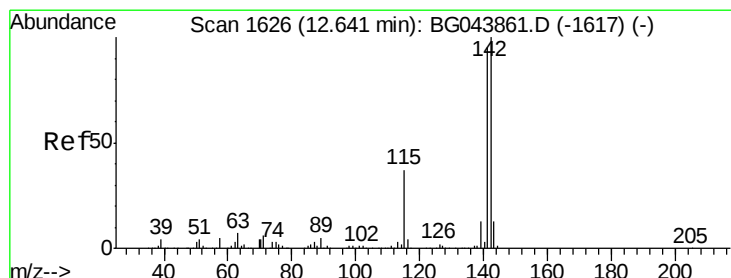
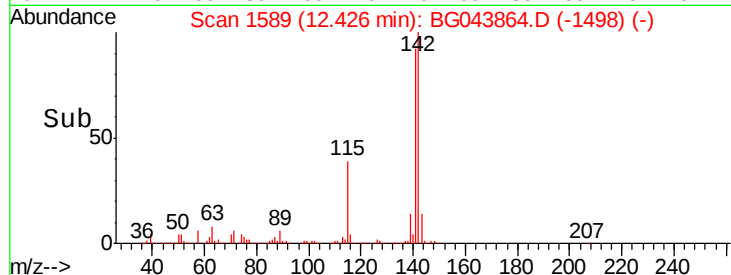
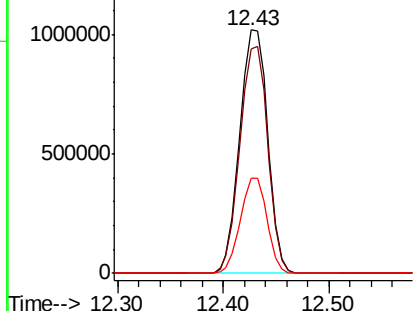


Abundance

Ion 142.00 (141.70 to 142.70): E

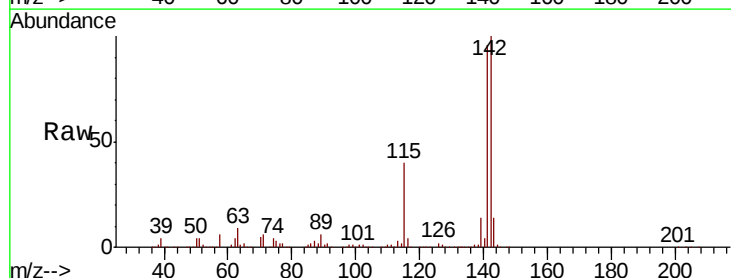
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 72.864 ng  
RT: 12.65 min Scan# 1627  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.7  | 76.0  | 114.0 |
| 116     | 4.3   | 3.1   | 4.7   |

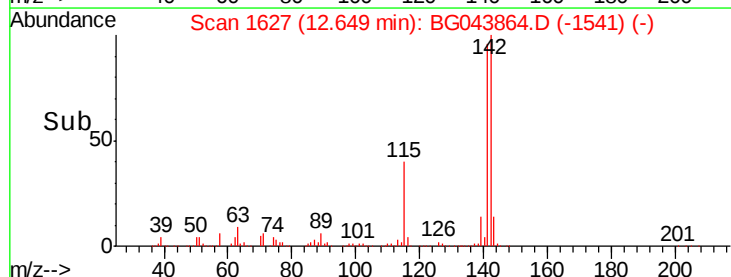
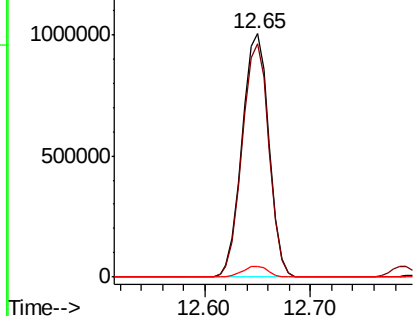


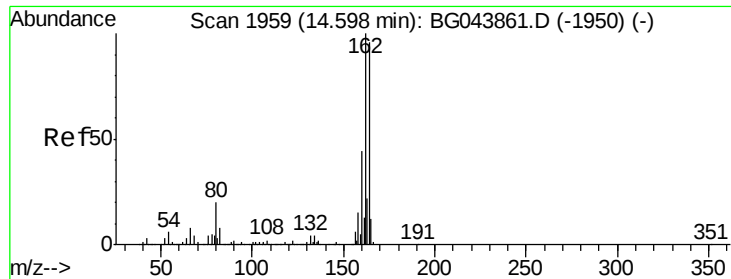
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





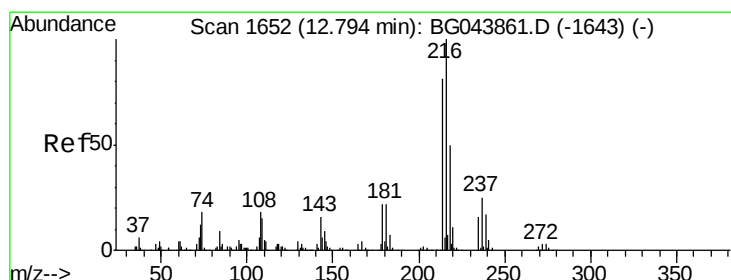
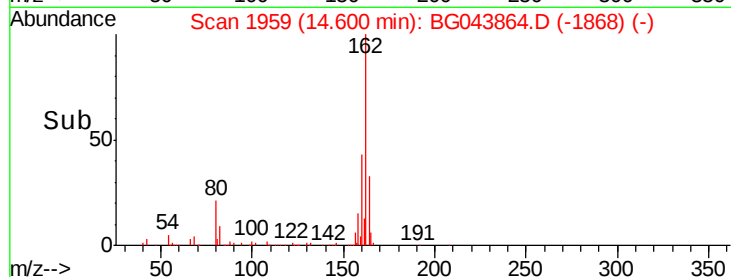
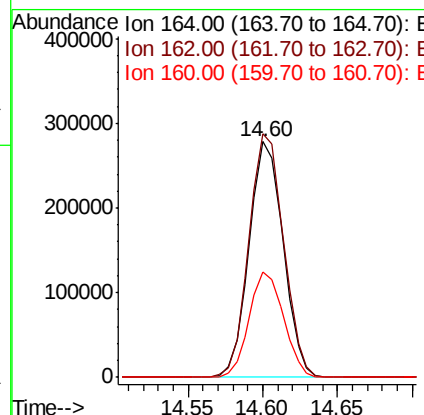
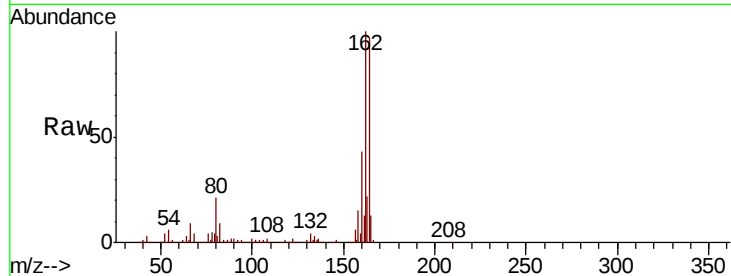
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.60 min Scan# 1959  
Delta R.T. 0.00 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 103.3 | 83.0 | 124.4 |       |
| 160     | 44.9  | 36.1 | 54.1  |       |

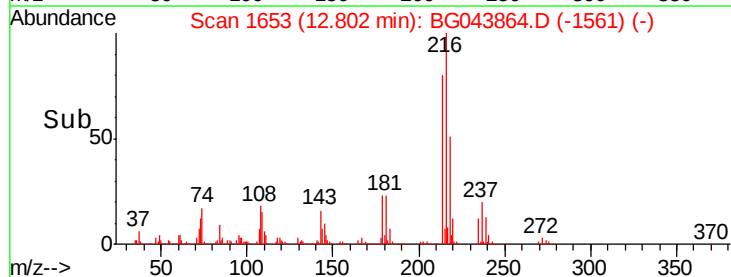
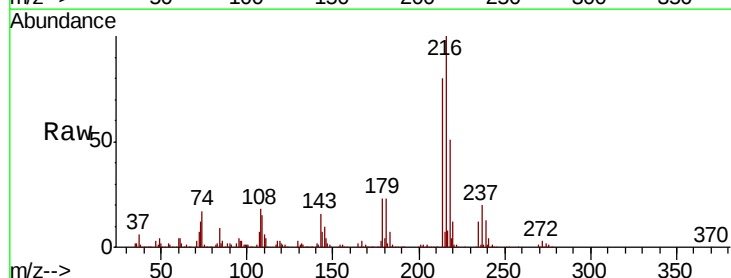
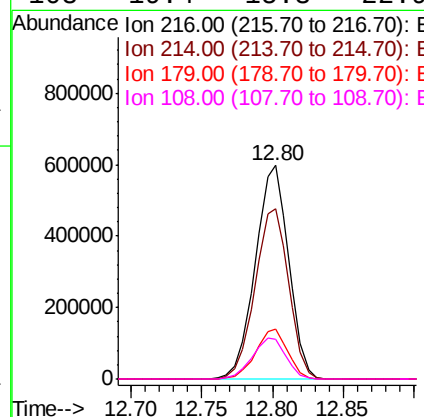
Manual Integrations  
APPROVED

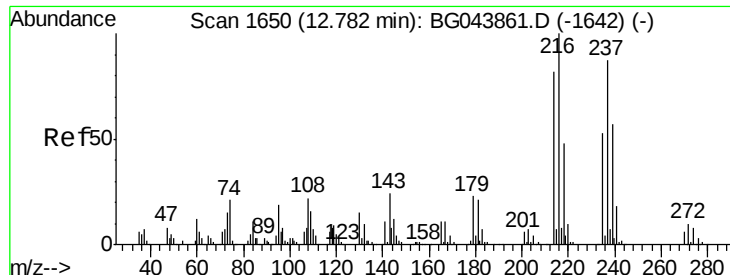
mohammad  
12/31/2019 1:47:58 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 77.105 ng  
RT: 12.80 min Scan# 1653  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 80.6  | 63.8 | 95.8  |       |
| 179     | 22.4  | 17.3 | 25.9  |       |
| 108     | 19.4  | 15.3 | 22.9  |       |





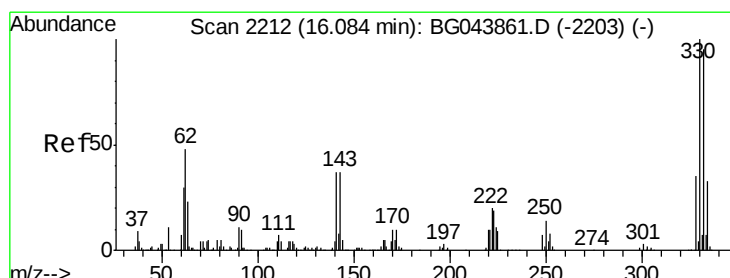
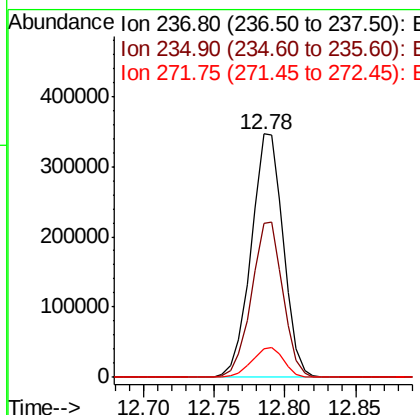
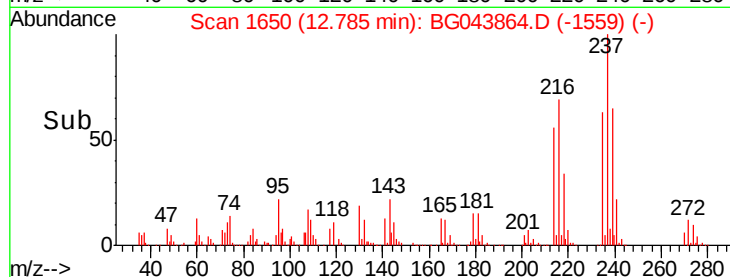
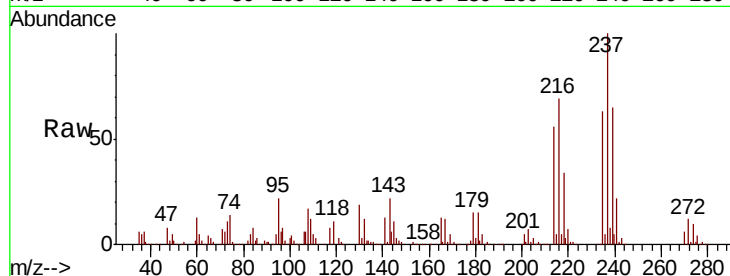
#41  
Hexachlorocyclopentadiene  
Concen: 82.506 ng  
RT: 12.78 min Scan# 1650  
Delta R.T. 0.00 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 63.1  | 41.1       | 81.1  |
| 272     | 11.7  | 0.0        | 31.7  |

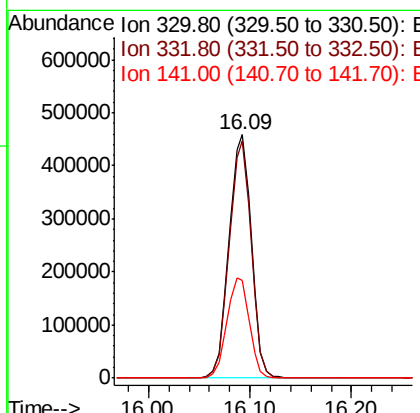
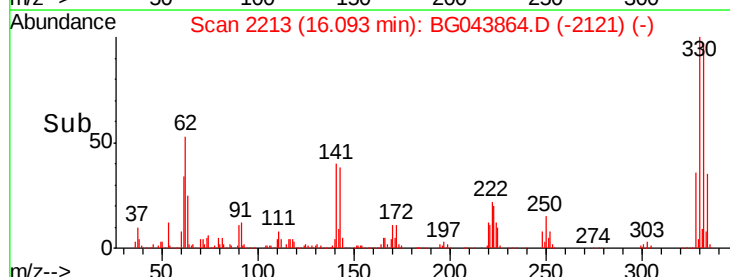
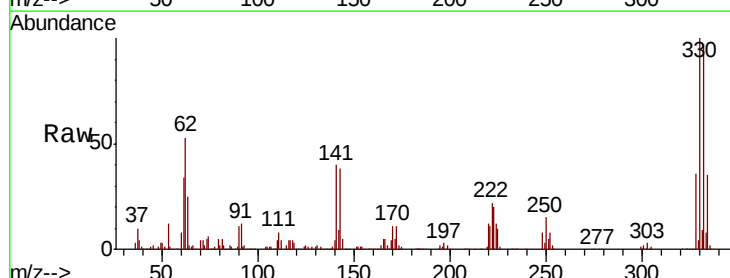
Manual Integrations  
APPROVED

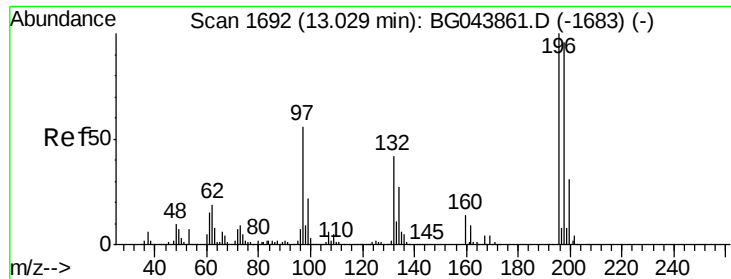
mohammad  
12/31/2019 1:47:58 PM



#42  
2,4,6-Tribromophenol  
Concen: 151.960 ng  
RT: 16.09 min Scan# 2213  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 96.2  | 77.2       | 115.8 |
| 141     | 41.6  | 33.1       | 49.7  |





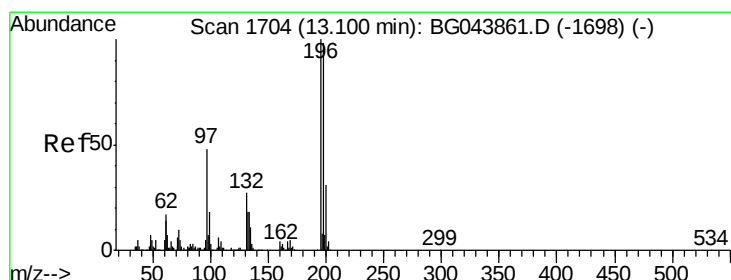
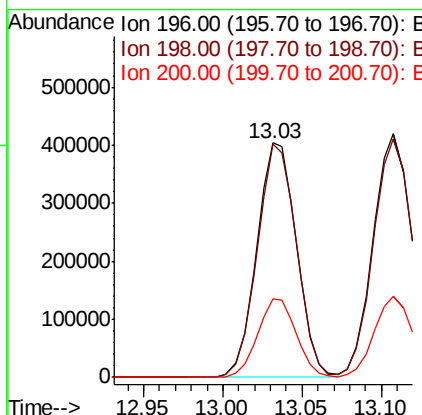
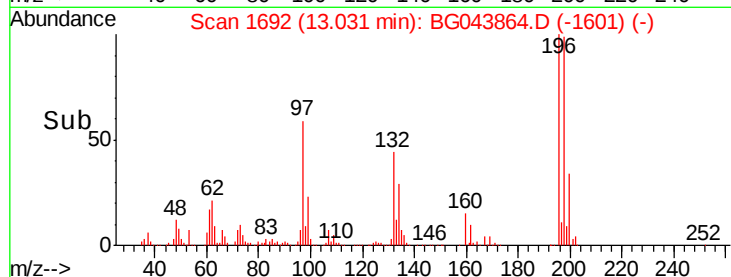
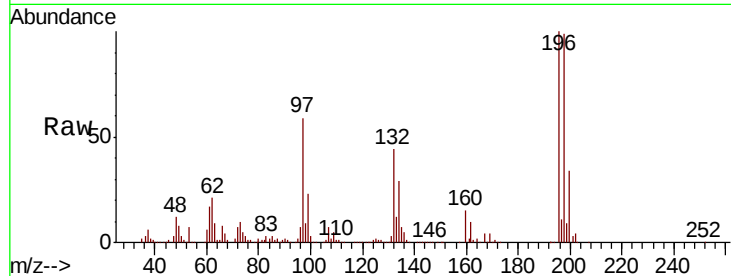
#43  
 2,4,6-Trichlorophenol  
 Concen: 79.299 ng  
 RT: 13.03 min Scan# 1692  
 Delta R.T. 0.00 min  
 Lab File: BG043864.D  
 Acq: 30 Dec 2019 15:12

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 703031 |       |       |
| 198     | 99.4  | 76.6   | 115.0 |       |
| 200     | 33.6  | 24.6   | 37.0  |       |

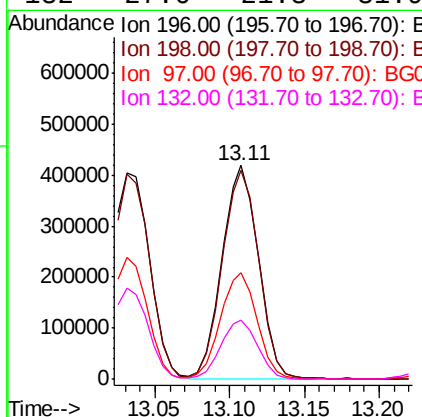
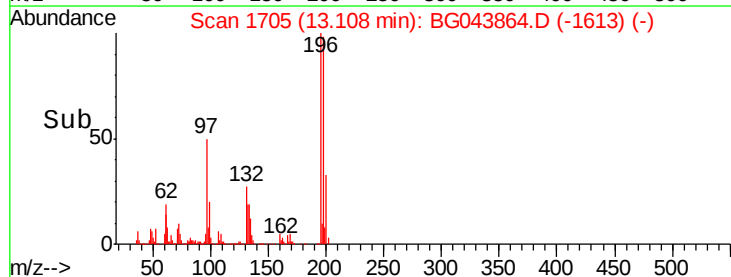
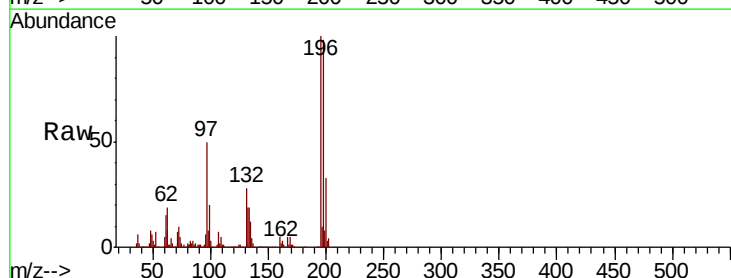
Manual Integrations  
 APPROVED

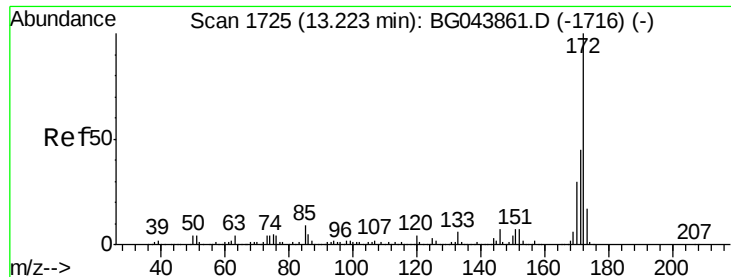
mohammad  
 12/31/2019 1:47:58 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 77.959 ng  
 RT: 13.11 min Scan# 1705  
 Delta R.T. 0.01 min  
 Lab File: BG043864.D  
 Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 711299 |       |       |
| 198     | 97.7  | 78.3   | 117.5 |       |
| 97      | 50.1  | 38.8   | 58.2  |       |
| 132     | 27.6  | 21.3   | 31.9  |       |





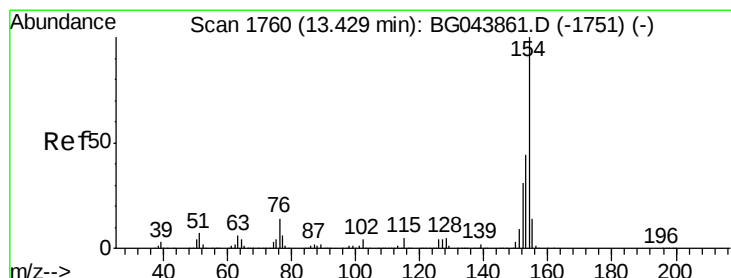
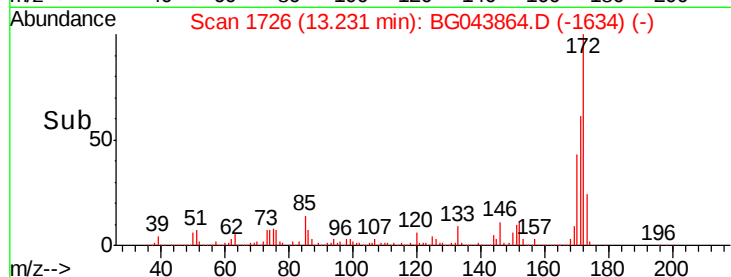
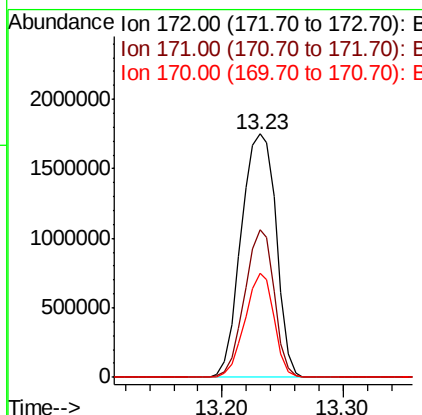
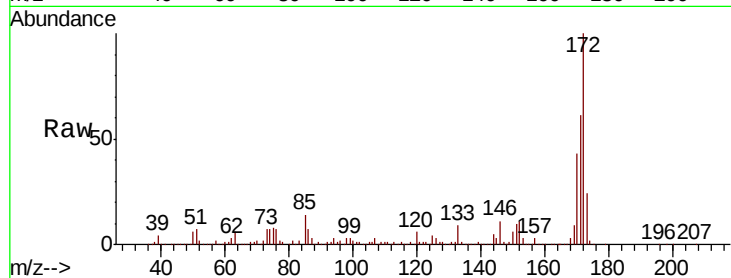
#45  
2-Fluorobiphenyl  
Concen: 143.581 ng  
RT: 13.23 min Scan# 1726  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 60.8  | 35.8  | 53.8# |
| 170     | 42.8  | 24.2  | 36.4# |

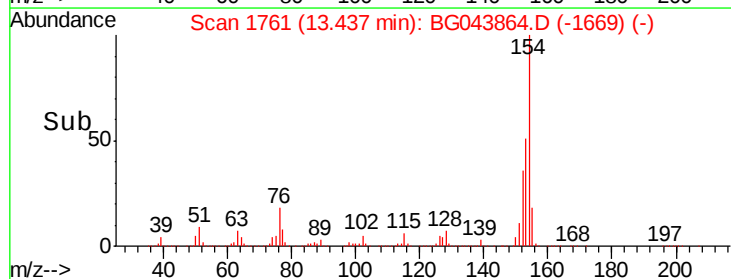
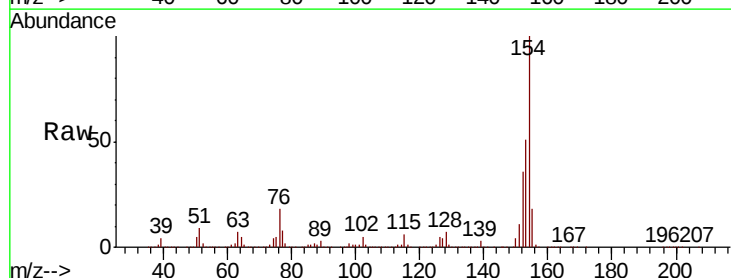
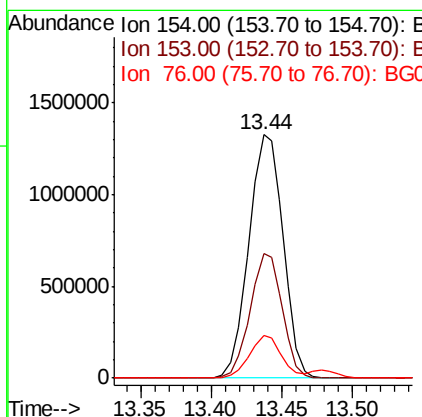
Manual Integrations  
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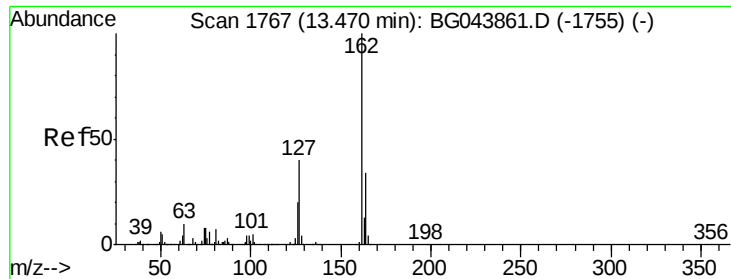
mohammad  
12/31/2019 1:47:58 PM



#46  
1,1'-Biphenyl  
Concen: 71.678 ng  
RT: 13.44 min Scan# 1761  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 51.0  | 23.6  | 63.6  |
| 76      | 17.6  | 0.0   | 34.4  |





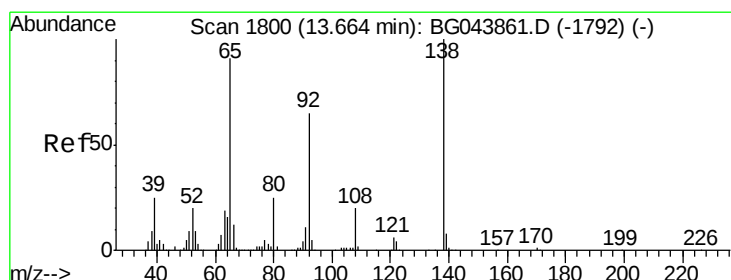
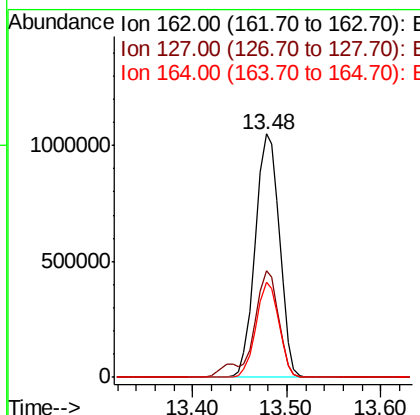
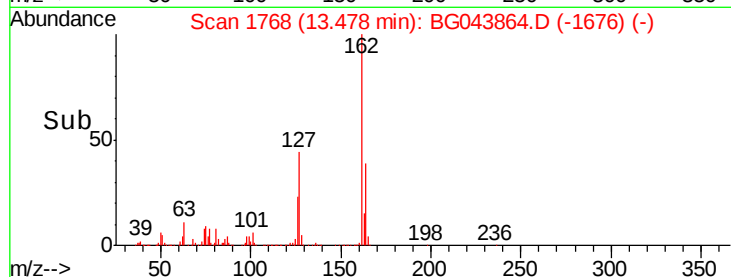
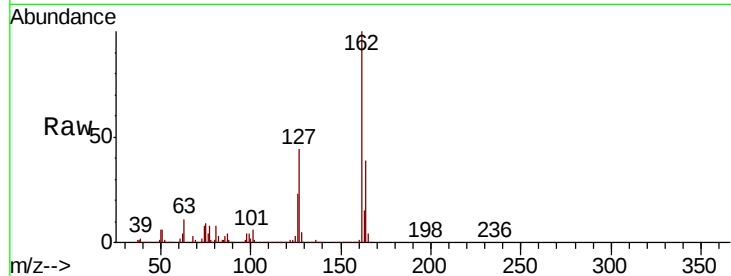
#47  
2-Chloronaphthalene  
Concen: 73.810 ng  
RT: 13.48 min Scan# 1768  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.8  | 32.1  | 48.1  |
| 164     | 38.9  | 27.5  | 41.3  |

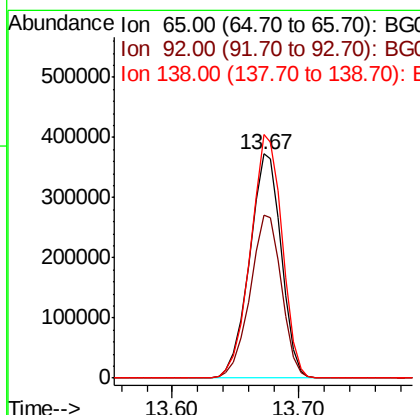
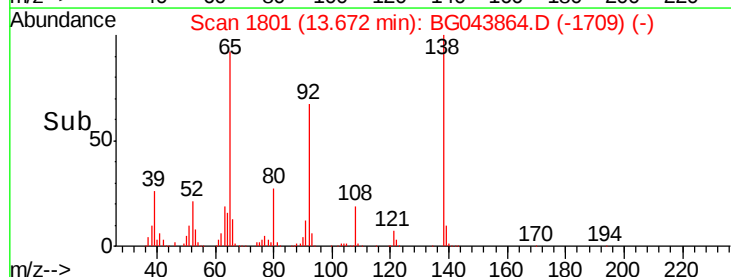
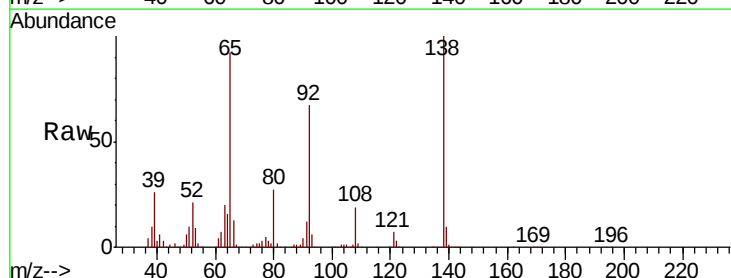
Manual Integrations  
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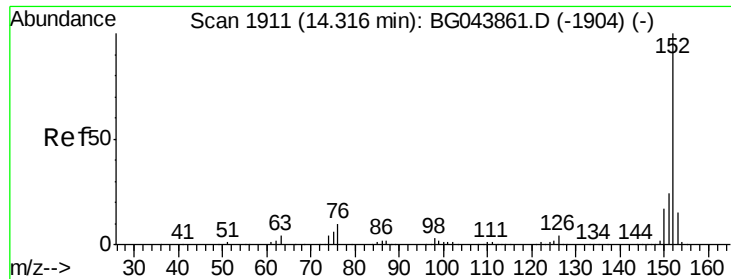
mohammad  
12/31/2019 1:47:58 PM



#48  
2-Nitroaniline  
Concen: 79.412 ng  
RT: 13.67 min Scan# 1801  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.4  | 57.4  | 86.2  |
| 138     | 108.6 | 88.2  | 132.4 |





#49

Acenaphthylene

Concen: 71.321 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 2602267

Ion Ratio Lower Upper

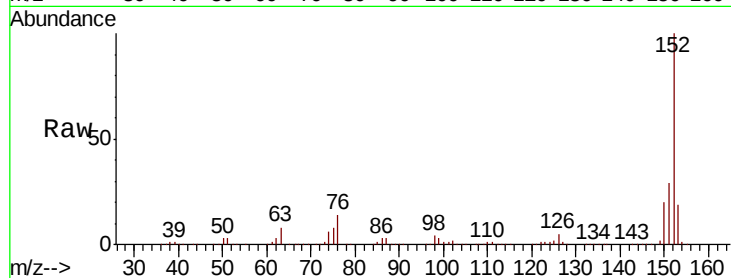
152 100

151 29.2 19.4 29.2#

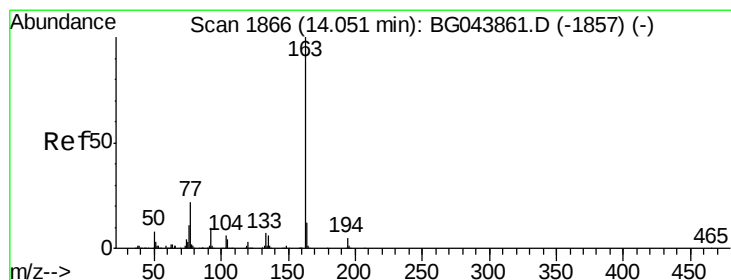
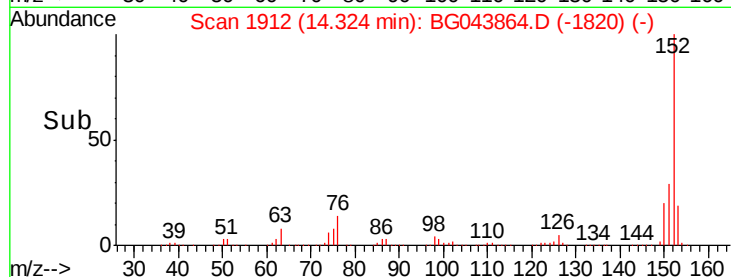
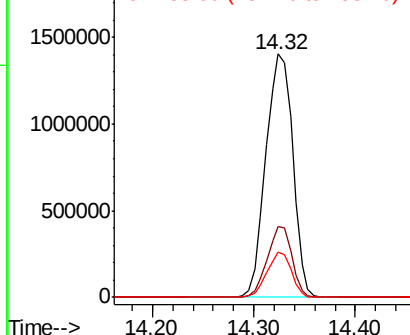
153 18.7 12.0 18.0#

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



#50

Dimethylphthalate

Concen: 69.338 ng

RT: 14.07 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

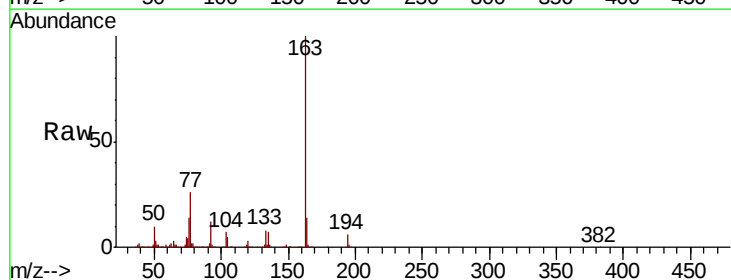
Tgt Ion:163 Resp: 2164646

Ion Ratio Lower Upper

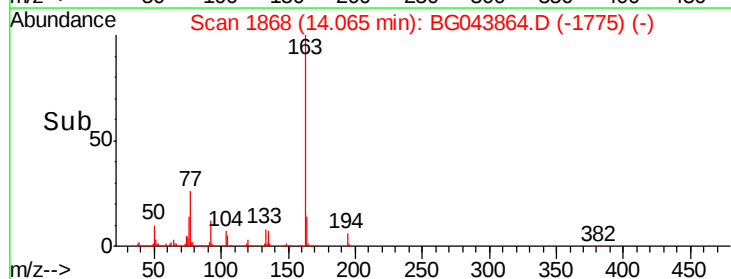
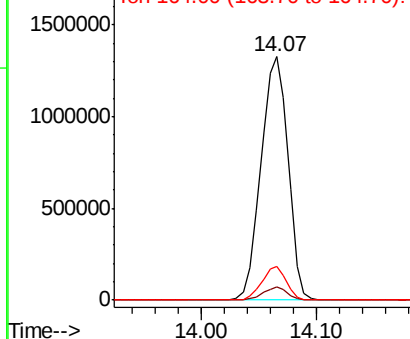
163 100

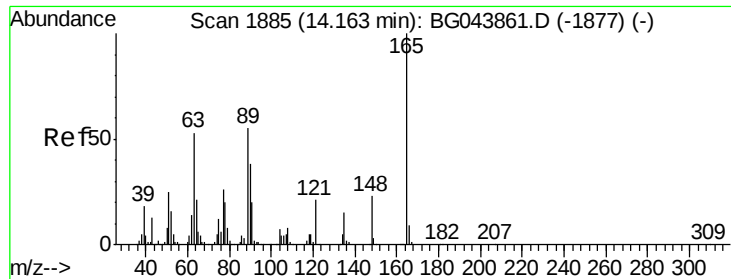
194 5.5 3.7 5.5

164 13.7 9.3 13.9



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





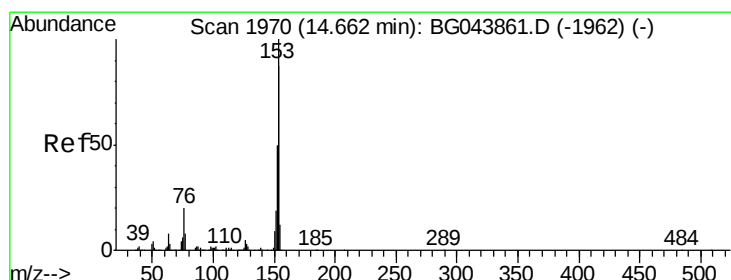
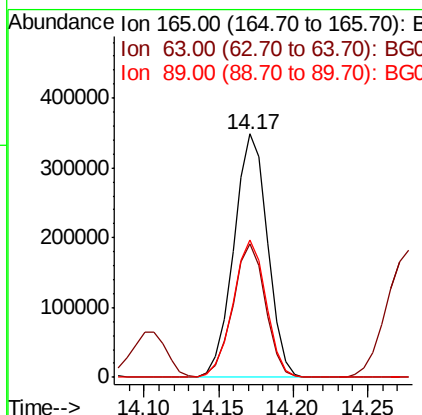
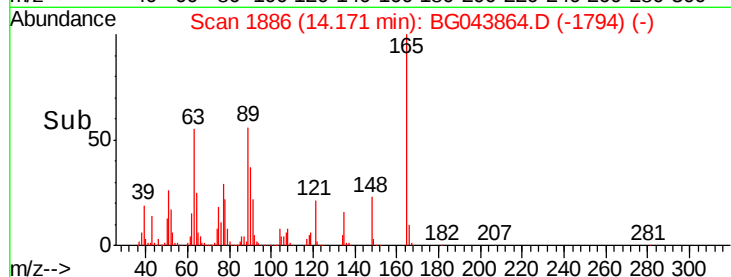
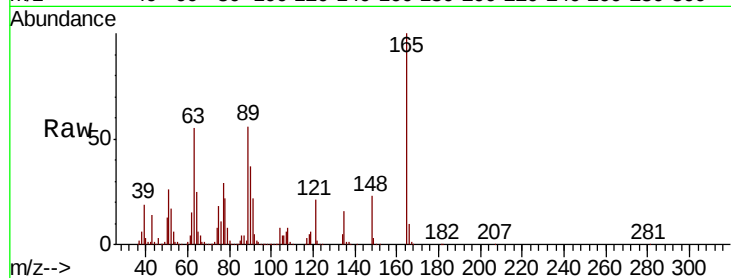
#51  
 2,6-Dinitrotoluene  
 Concen: 77.509 ng  
 RT: 14.17 min Scan# 1886  
 Delta R.T. 0.01 min  
 Lab File: BG043864.D  
 Acq: 30 Dec 2019 15:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 546183 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 55.1  | 43.1  | 64.7   |
| 89        | 56.2  | 43.8  | 65.6   |

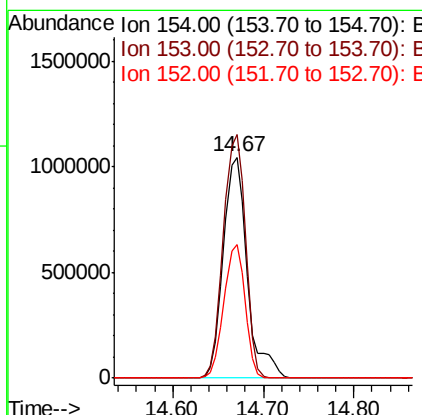
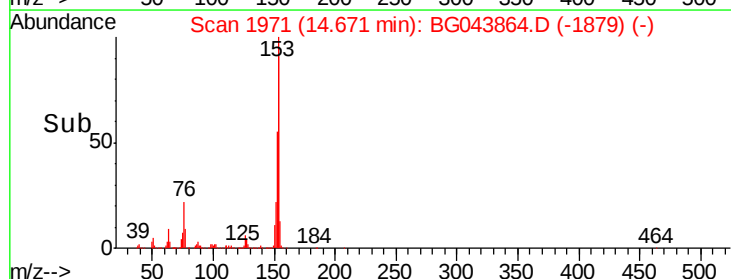
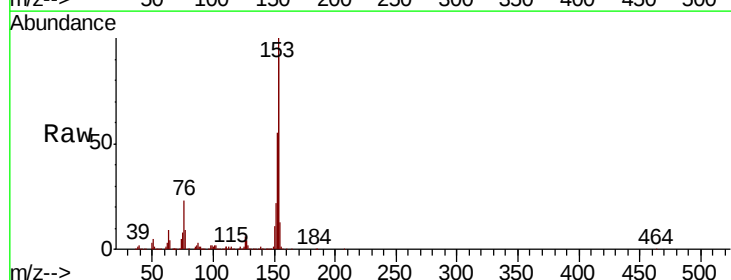
Manual Integrations  
 APPROVED

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#52  
 Acenaphthene  
 Concen: 75.252 ng  
 RT: 14.67 min Scan# 1971  
 Delta R.T. 0.01 min  
 Lab File: BG043864.D  
 Acq: 30 Dec 2019 15:12

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 154   | Resp: | 1926462 |
| Ion Ratio | Lower | Upper |         |
| 154       | 100   |       |         |
| 153       | 110.1 | 91.6  | 137.4   |
| 152       | 60.4  | 45.4  | 68.0    |





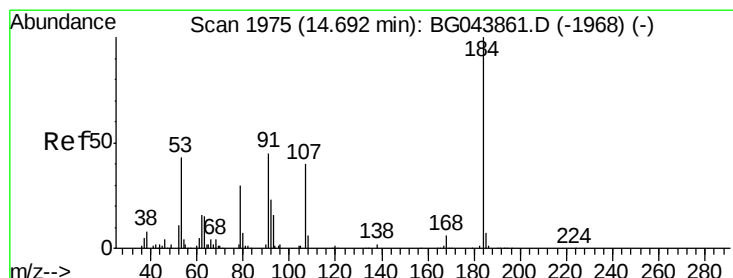
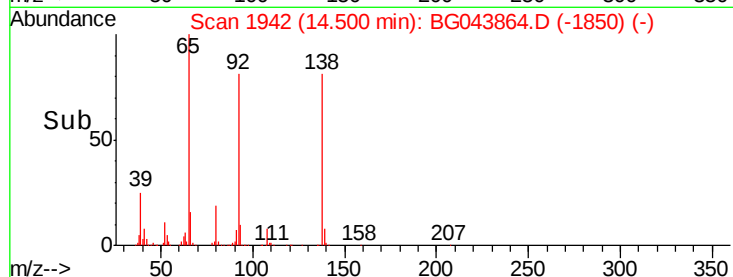
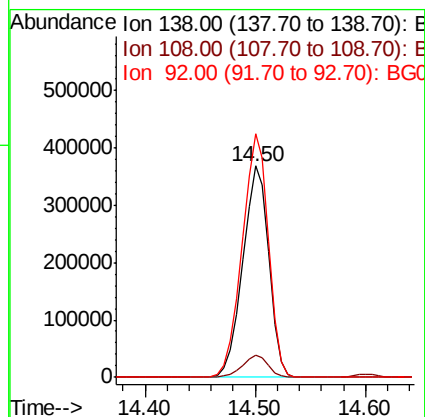
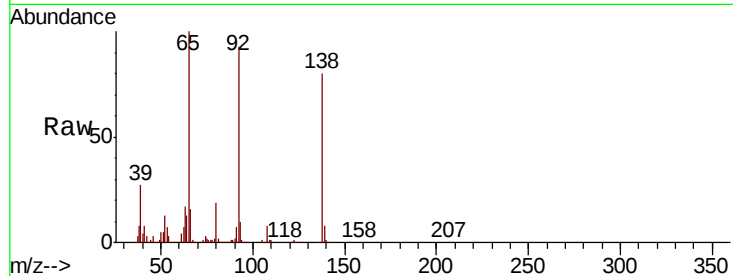
#53  
3-Nitroaniline  
Concen: 76.414 ng  
RT: 14.50 min Scan# 1942  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.3  | 7.4   | 11.2  |
| 92      | 115.4 | 92.1  | 138.1 |

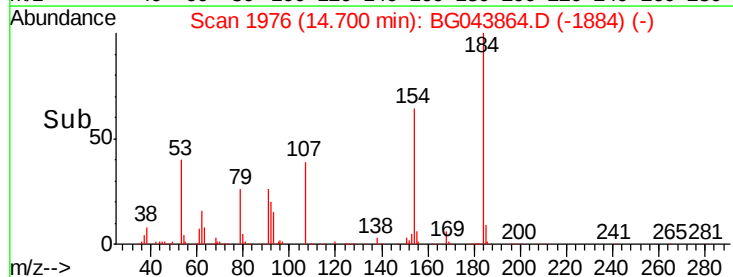
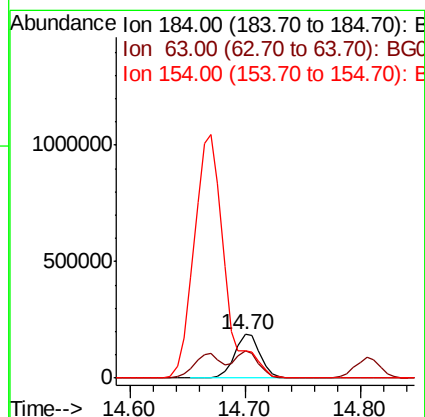
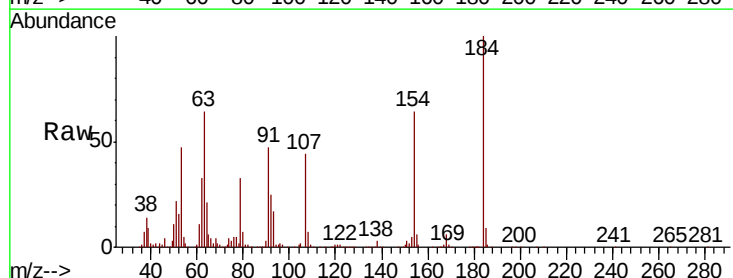
Manual Integrations  
APPROVED

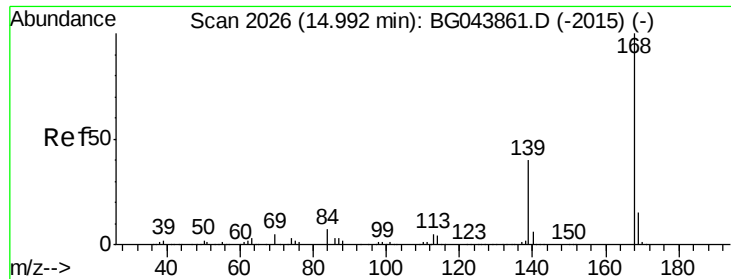
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 91.672 ng  
RT: 14.70 min Scan# 1976  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 63.9  | 46.6  | 70.0  |
| 154     | 63.9  | 50.2  | 75.4  |





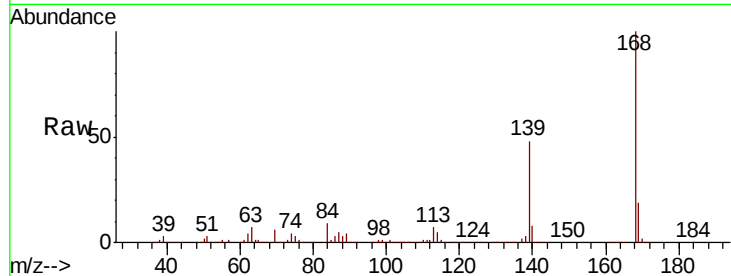
#55  
Dibenzofuran  
Concen: 68.825 ng  
RT: 15.00 min Scan# 2027  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

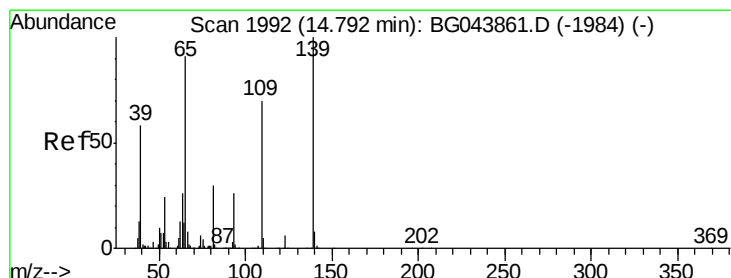
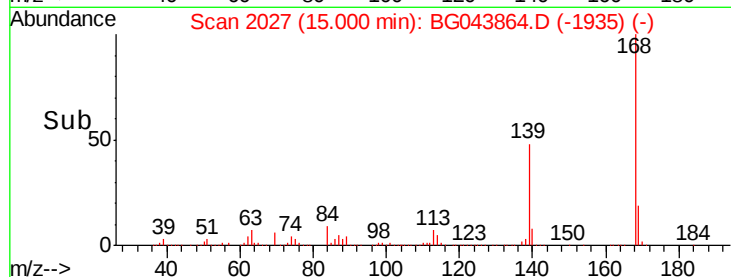
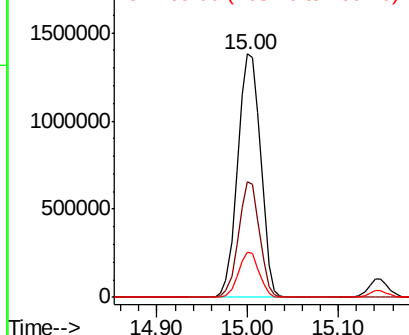
Tot Ion:168 Resp: 2430369  
Ion Ratio Lower Upper  
168 100  
139 47.7 32.2 48.2  
169 18.7 12.2 18.2#

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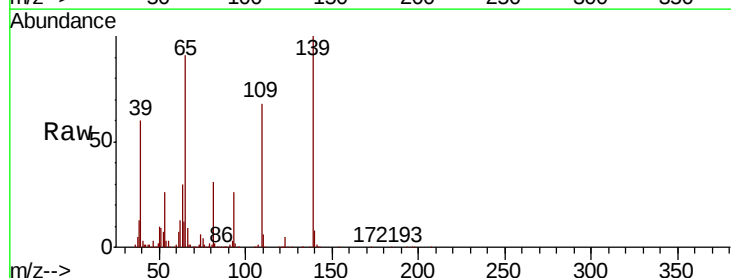


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

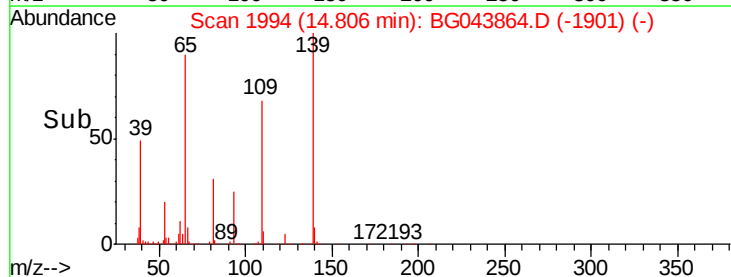
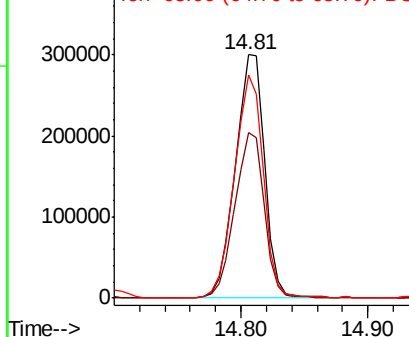


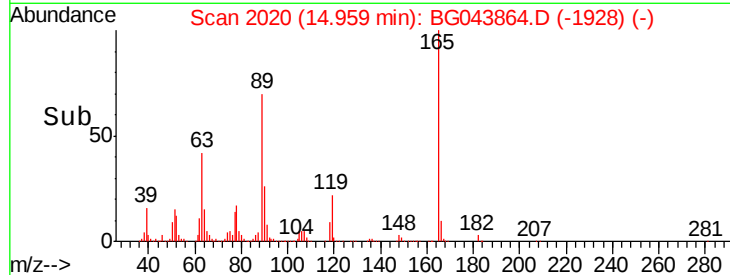
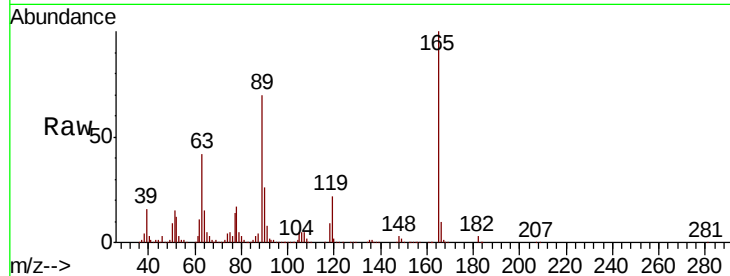
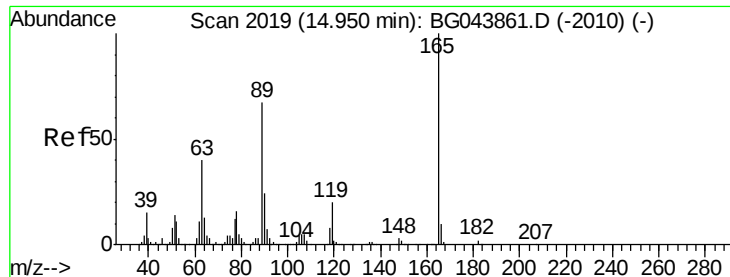
#56  
4-Nitrophenol  
Concen: 78.181 ng  
RT: 14.81 min Scan# 1994  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Tgt Ion:139 Resp: 480272  
Ion Ratio Lower Upper  
139 100  
109 67.9 50.4 90.4  
65 91.4 71.4 111.4



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





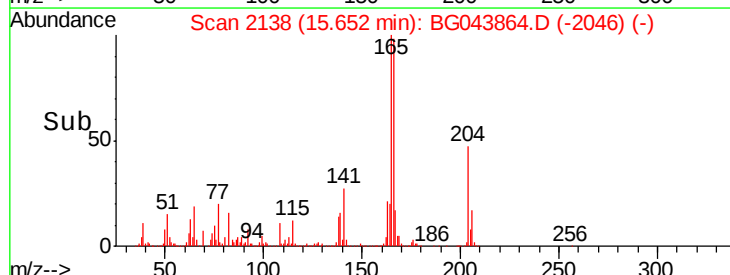
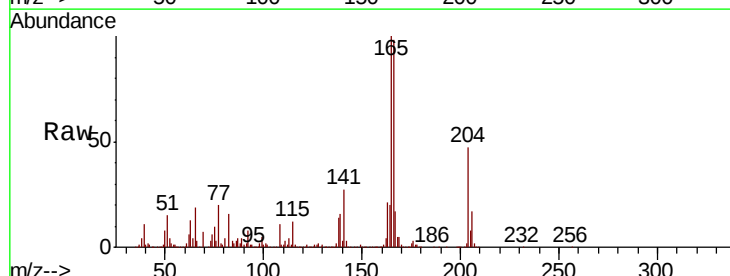
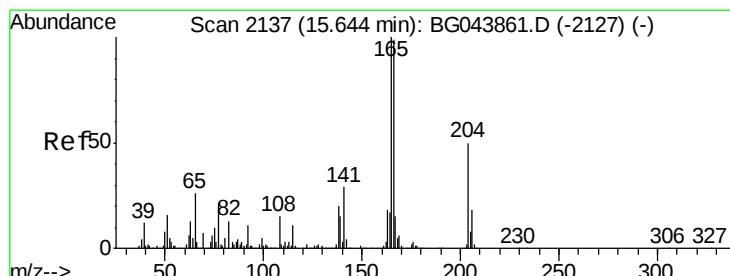
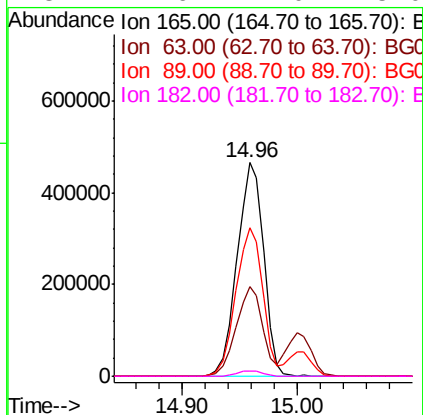
#57  
2,4-Dinitrotoluene  
Concen: 76.657 ng  
RT: 14.96 min Scan# 2020  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 735086 |       |       |
| 63      | 41.7 | 31.9  | 47.9   |       |       |
| 89      | 69.8 | 53.8  | 80.6   |       |       |
| 182     | 2.6  | 2.0   | 3.0    |       |       |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

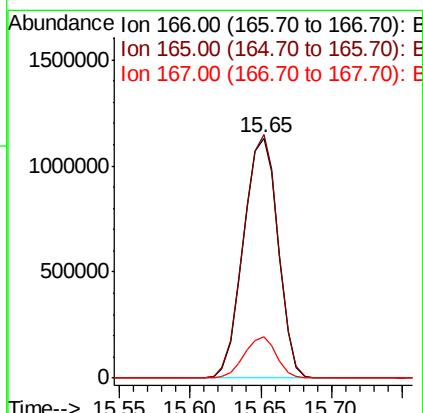
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#58  
Fluorene  
Concen: 69.616 ng  
RT: 15.65 min Scan# 2138  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ion   | Ratio | Resp    | Lower | Upper |
|---------|-------|-------|---------|-------|-------|
| 166     | 100   |       | 1947590 |       |       |
| 165     | 101.5 | 80.8  | 121.2   |       |       |
| 167     | 17.4  | 12.1  | 18.1    |       |       |





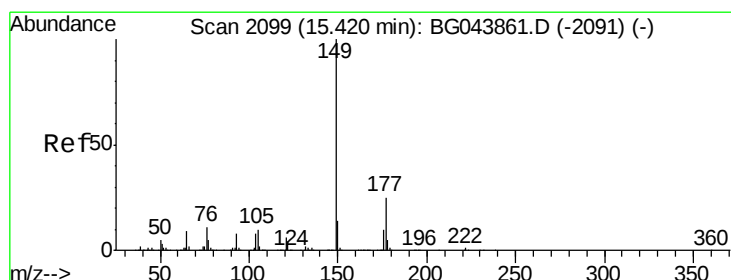
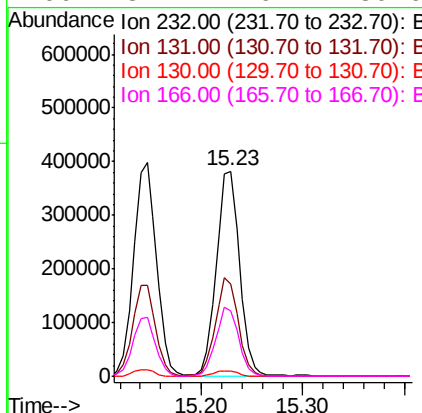
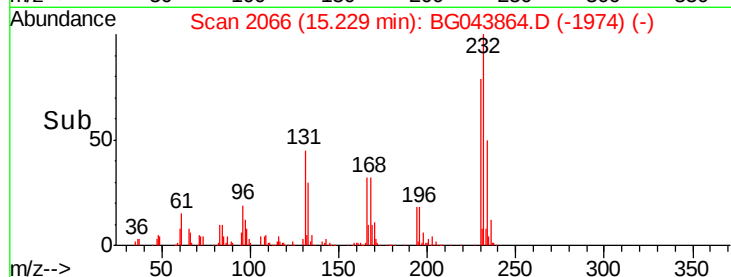
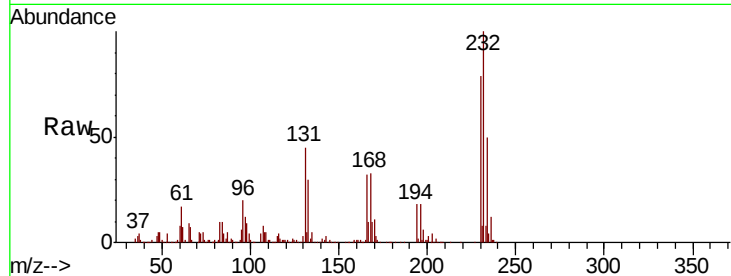
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 77.338 ng  
RT: 15.23 min Scan# 2066  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 232     | 100  |       | 606981 |       |       |
| 131     | 46.4 | 38.2  | 57.2   |       |       |
| 130     | 2.8  | 2.2   | 3.2    |       |       |
| 166     | 32.7 | 26.4  | 39.6   |       |       |

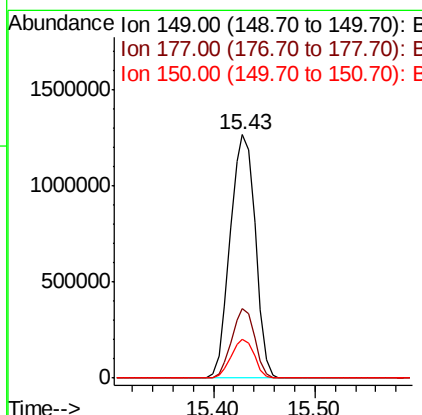
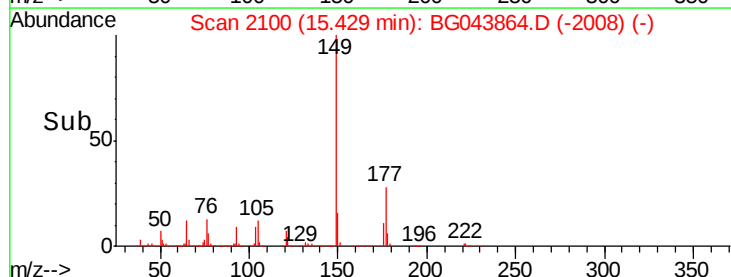
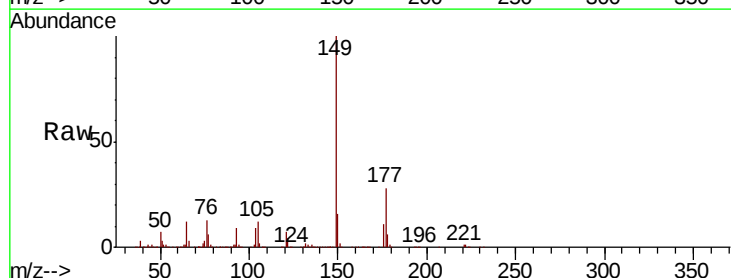
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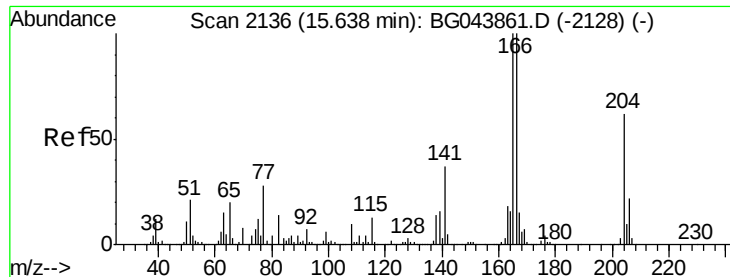
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#60  
Diethylphthalate  
Concen: 69.584 ng  
RT: 15.43 min Scan# 2100  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 149     | 100  |       | 2172981 |       |       |
| 177     | 28.4 | 20.0  | 30.0    |       |       |
| 150     | 16.2 | 11.1  | 16.7    |       |       |





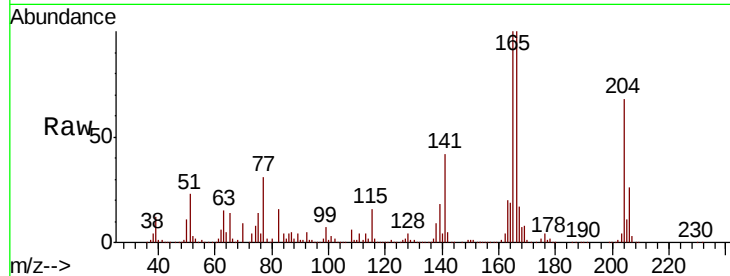
#61  
4-Chlorophenyl-phenylether  
Concen: 72.786 ng  
RT: 15.65 min Scan# 2137  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

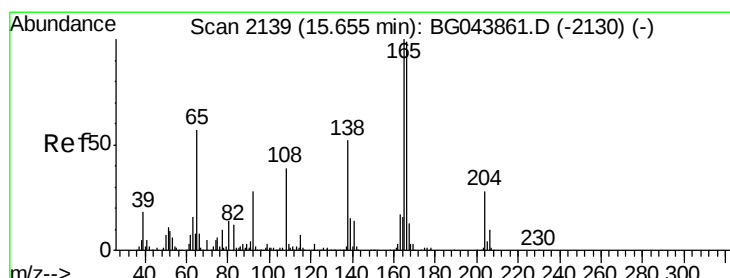
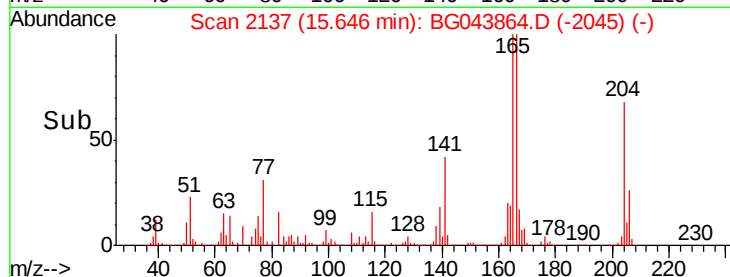
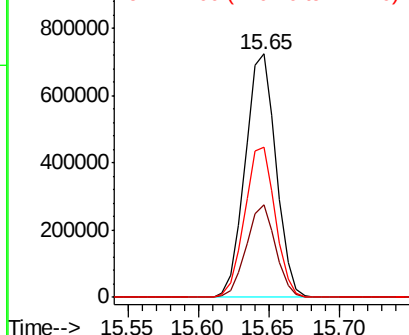
Tot Ion:204 Resp: 1105438  
Ion Ratio Lower Upper  
204 100  
206 37.9 28.2 42.2  
141 61.7 48.2 72.2

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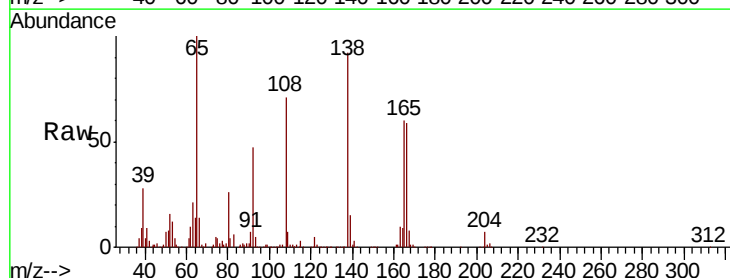


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

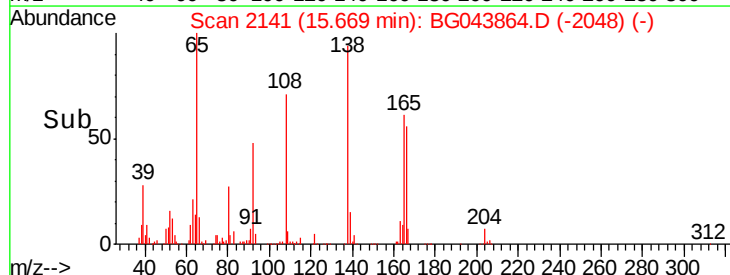
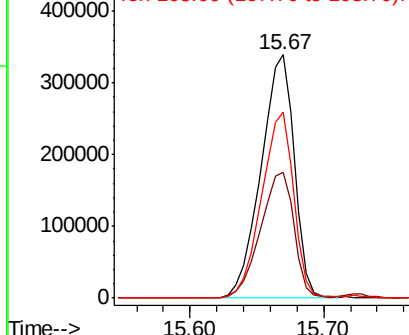


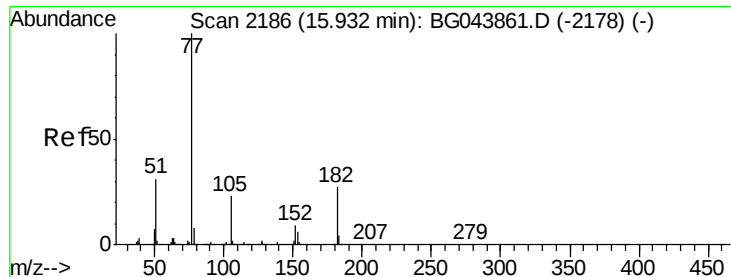
#62  
4-Nitroaniline  
Concen: 74.207 ng  
RT: 15.67 min Scan# 2141  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Tgt Ion:138 Resp: 586411  
Ion Ratio Lower Upper  
138 100  
92 51.4 34.3 74.3  
108 76.4 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E





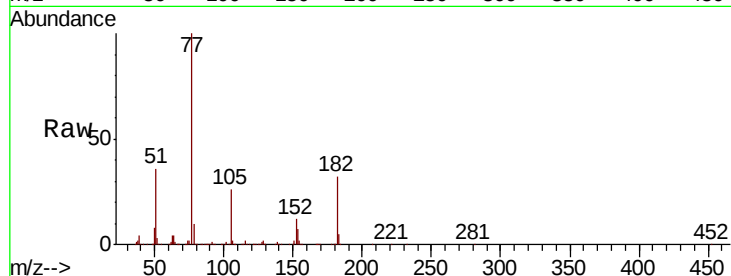
#63  
Azobenzene  
Concen: 70.461 ng  
RT: 15.94 min Scan# 2187  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

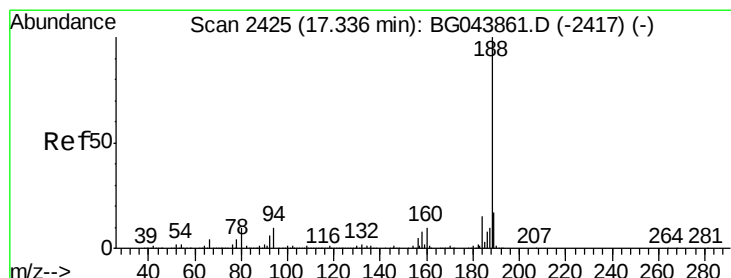
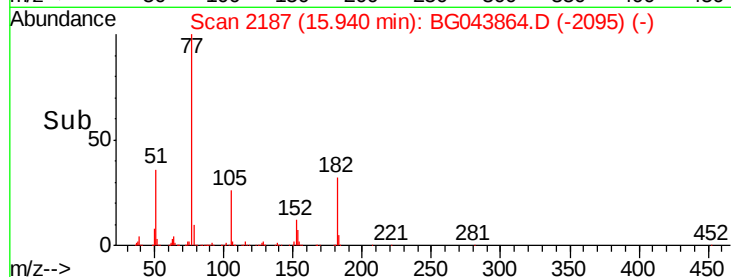
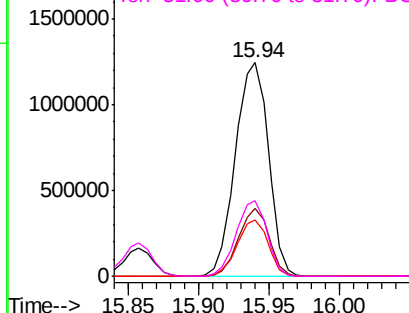
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 31.9 | 7.3   | 47.3  |       |
| 105     | 26.2 | 3.2   | 43.2  |       |
| 51      | 35.6 | 10.6  | 50.6  |       |

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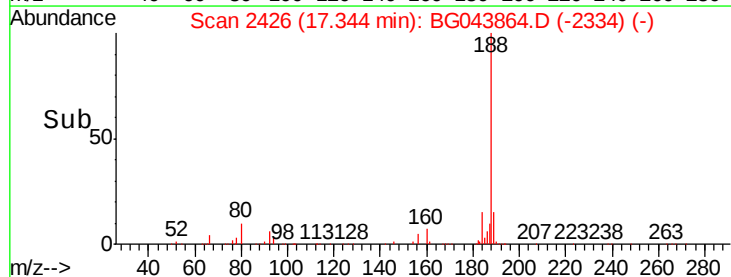
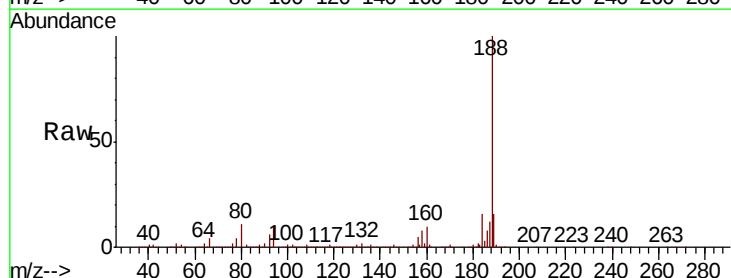
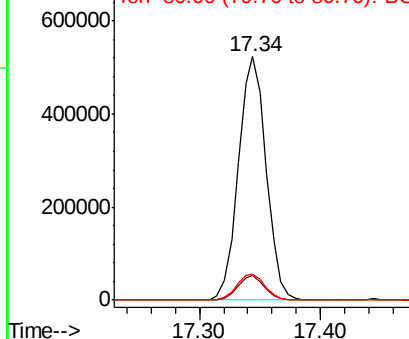
Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BGC

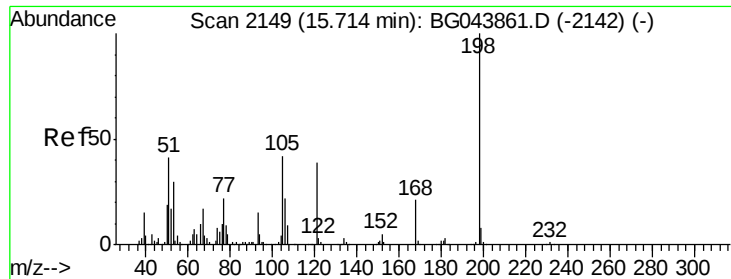


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.34 min Scan# 2426  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 10.1 | 7.9   | 11.9  |       |
| 80      | 10.9 | 8.2   | 12.4  |       |

Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 90.165 ng

RT: 15.72 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion:198 Resp: 365655

Ion Ratio Lower Upper

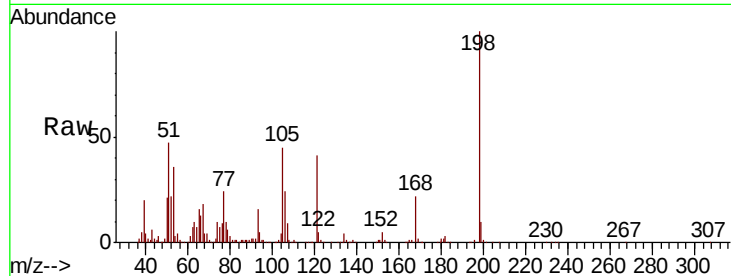
198 100

51 47.0 22.5 62.5

105 44.8 22.3 62.3

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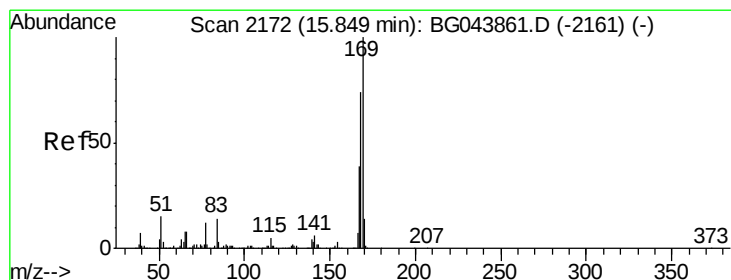
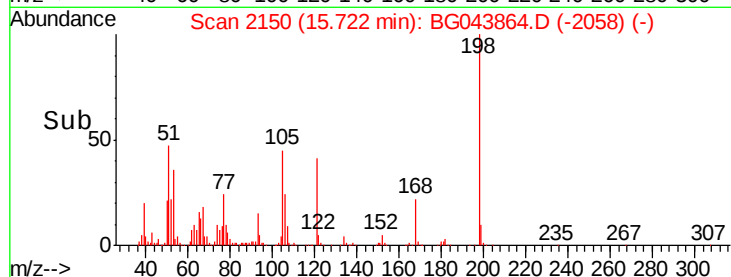
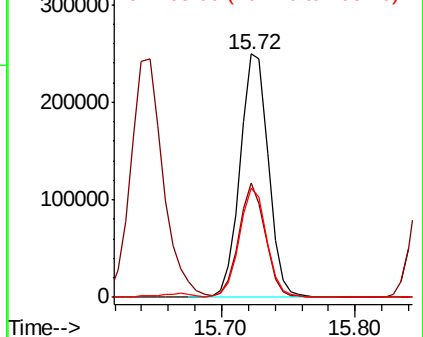
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 73.838 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

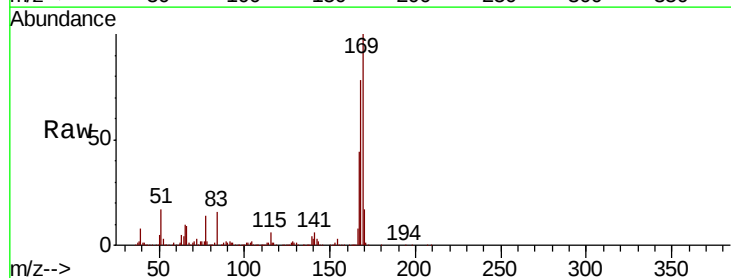
Tgt Ion:169 Resp: 1821627

Ion Ratio Lower Upper

169 100

168 77.6 59.0 88.6

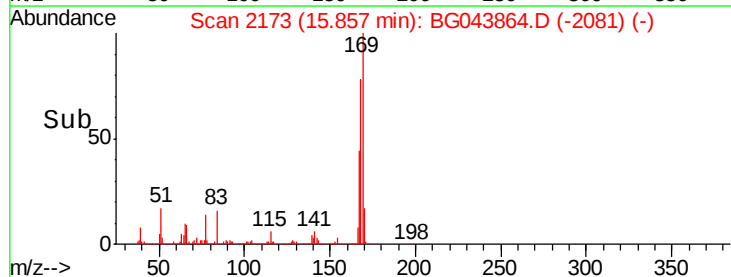
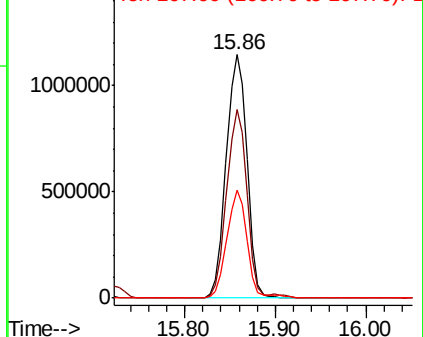
167 44.1 31.4 47.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





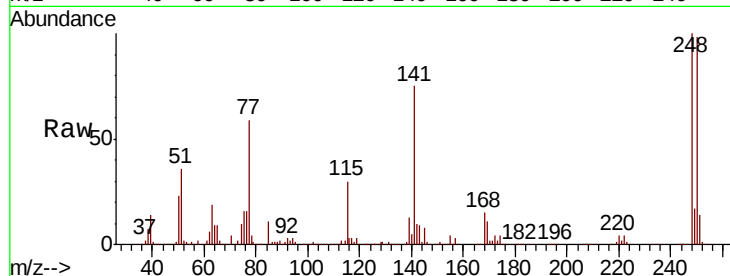
#67  
4-Bromophenyl-phenylether  
Concen: 77.336 ng  
RT: 16.54 min Scan# 2289  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.9  | 78.2  | 117.2 |
| 141     | 74.9  | 59.3  | 88.9  |

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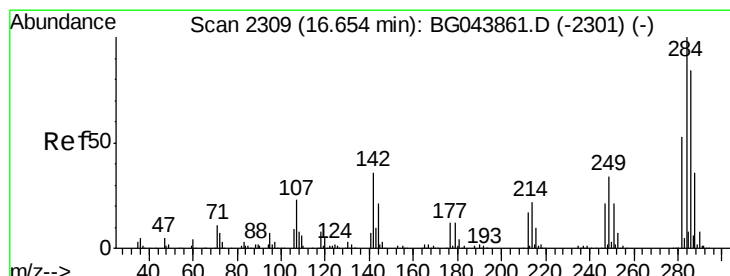
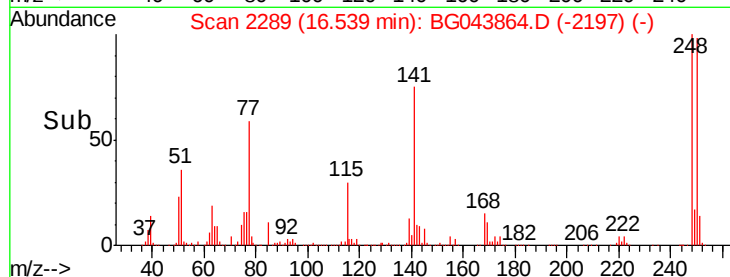
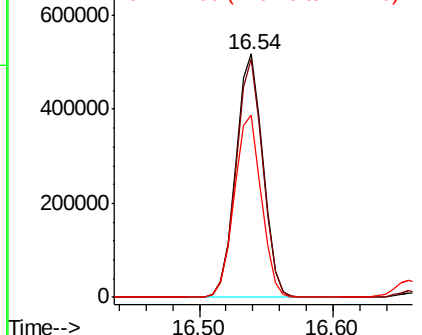


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 77.158 ng  
RT: 16.66 min Scan# 2309  
Delta R.T. 0.00 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

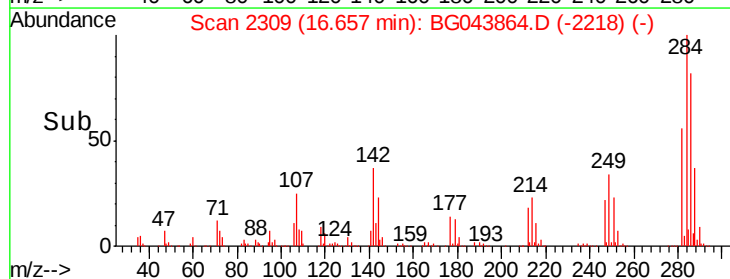
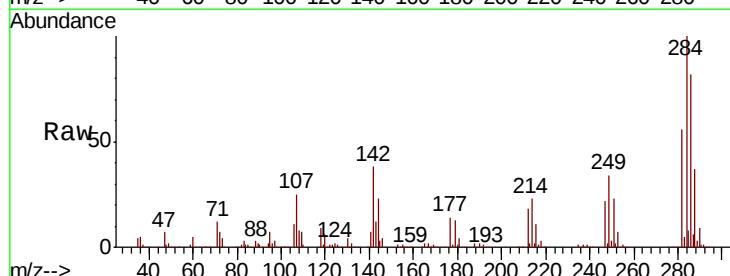
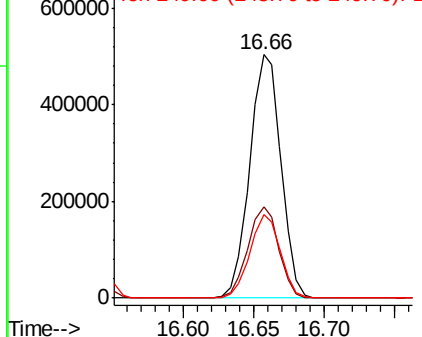
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 37.5  | 28.6  | 43.0  |
| 249     | 34.1  | 27.0  | 40.6  |

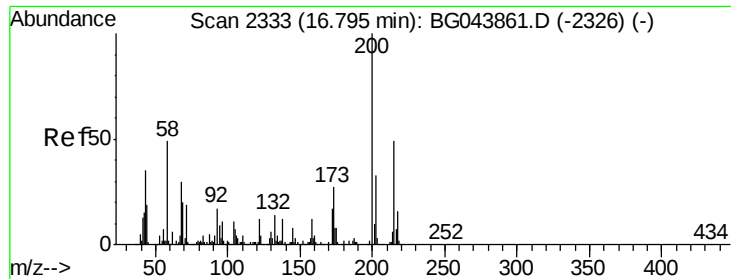
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





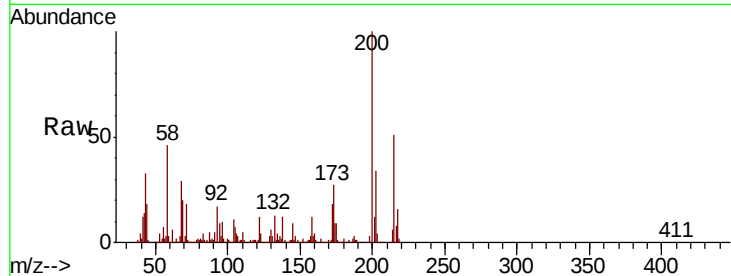
#69  
Atrazine  
Concen: 69.745 ng  
RT: 16.81 min Scan# 2335  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 27.0  | 6.6        | 46.6  |
| 215     | 50.7  | 28.6       | 68.6  |

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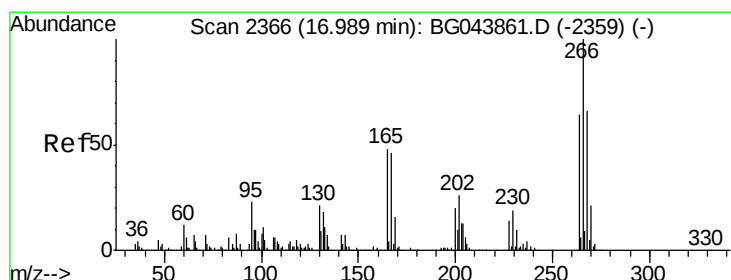
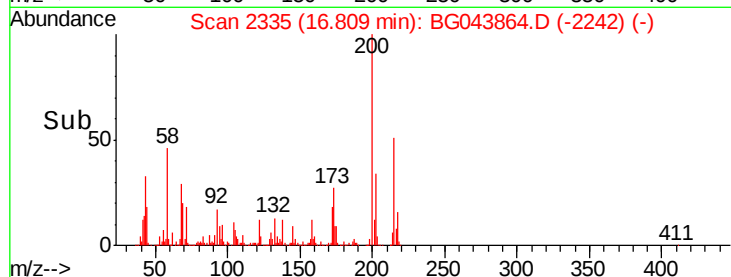
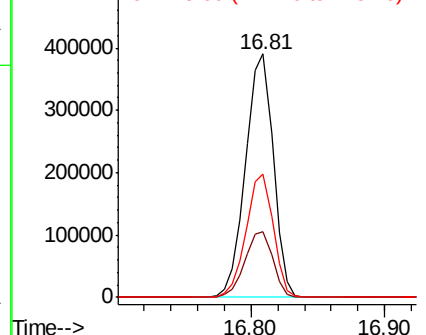


Abundance

Ion 200.00 (199.70 to 200.70): E

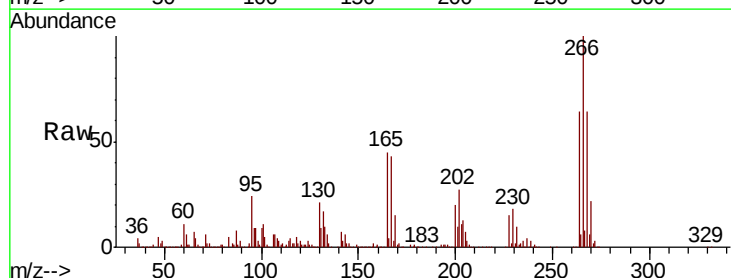
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 83.464 ng  
RT: 17.00 min Scan# 2367  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 64.3  | 52.6       | 79.0  |
| 264     | 64.1  | 50.8       | 76.2  |

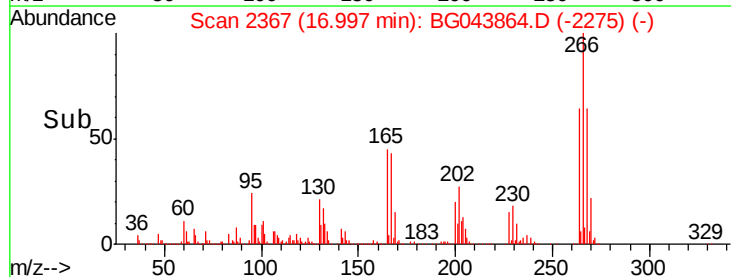
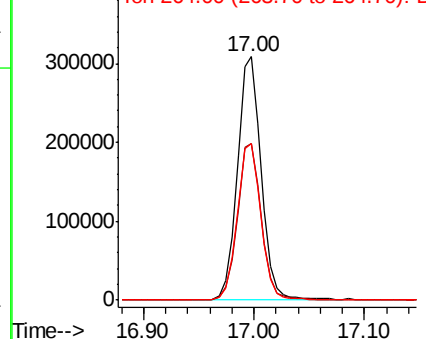


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





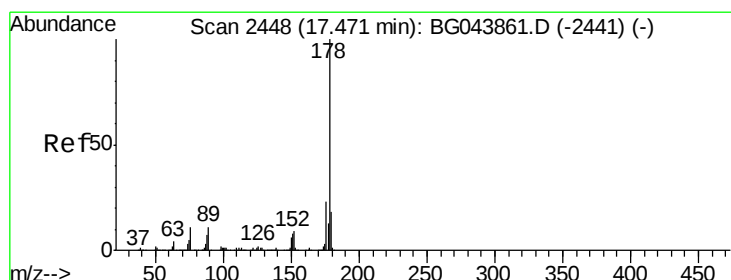
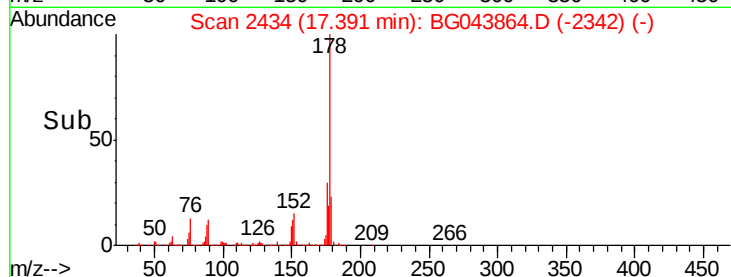
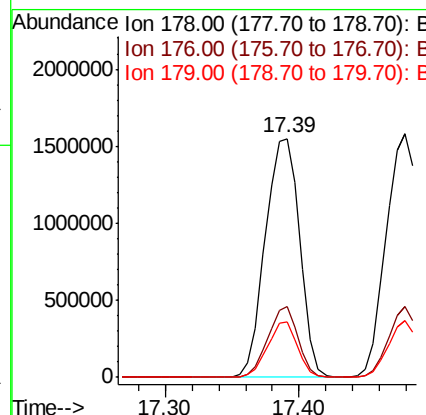
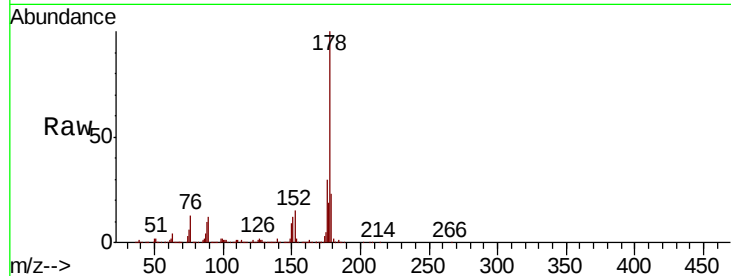
#71  
Phenanthrene  
Concen: 69.144 ng  
RT: 17.39 min Scan# 2434  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

Tot Ion:178 Resp: 2772331  
Ion Ratio Lower Upper  
178 100  
176 29.5 18.6 28.0#  
179 23.4 14.4 21.6#

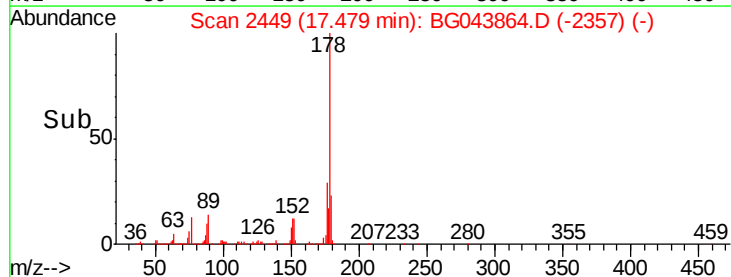
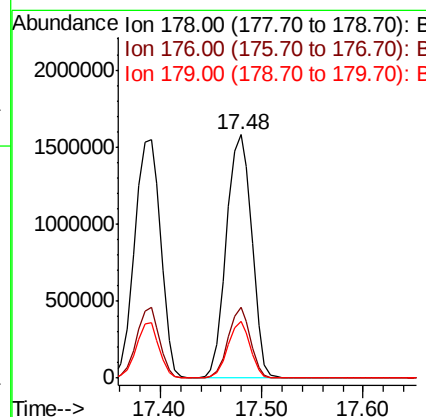
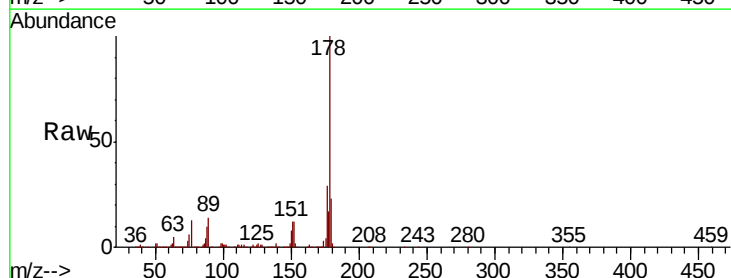
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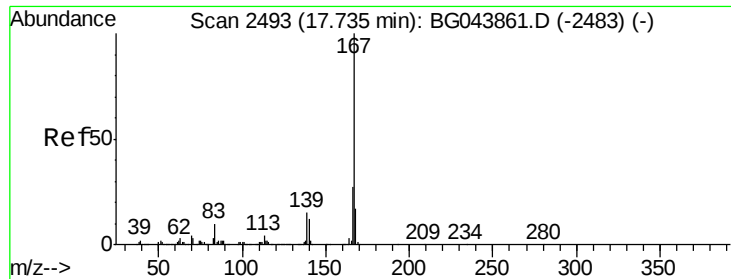
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#72  
Anthracene  
Concen: 69.422 ng  
RT: 17.48 min Scan# 2449  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Tgt Ion:178 Resp: 2748410  
Ion Ratio Lower Upper  
178 100  
176 29.0 18.3 27.5#  
179 23.2 14.6 22.0#





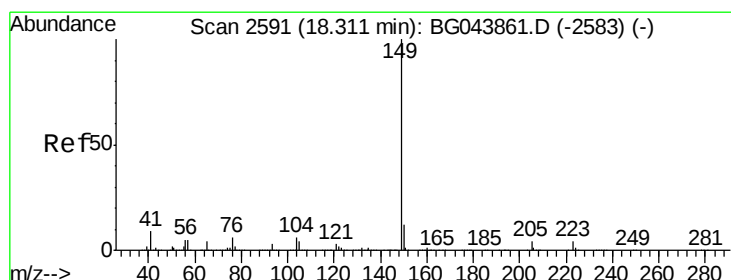
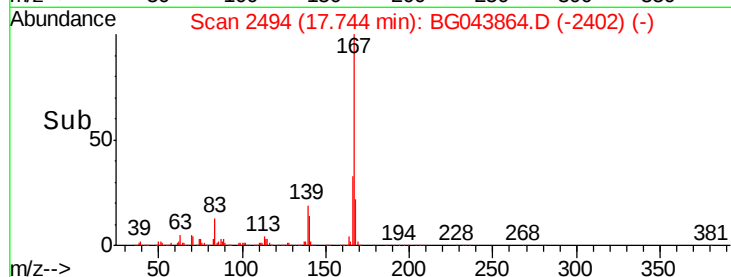
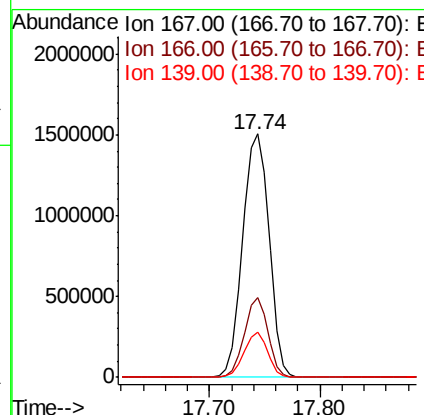
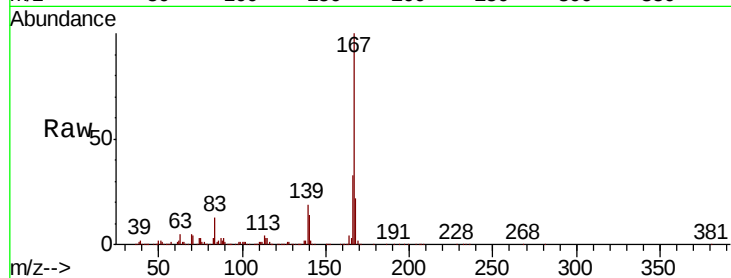
#73  
 Carbazole  
 Concen: 69.497 ng  
 RT: 17.74 min Scan# 2494  
 Delta R.T. 0.01 min  
 Lab File: BG043864.D  
 Acq: 30 Dec 2019 15:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 33.0  | 21.6  | 32.4# |
| 139     | 18.8  | 12.1  | 18.1# |

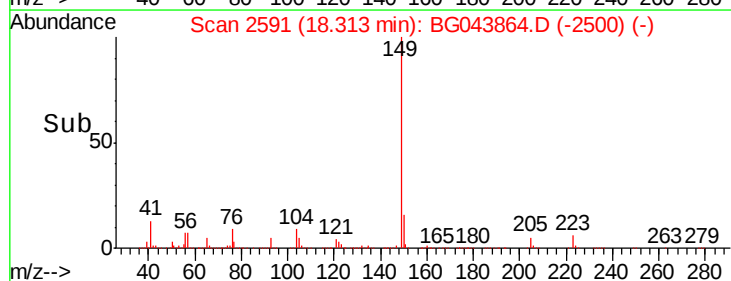
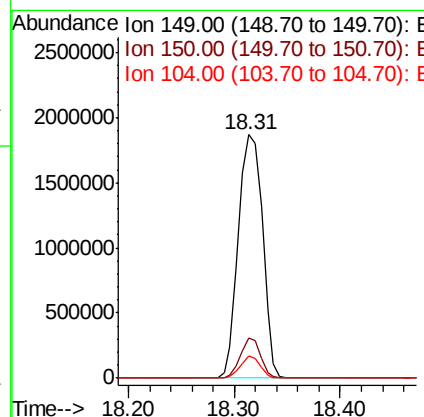
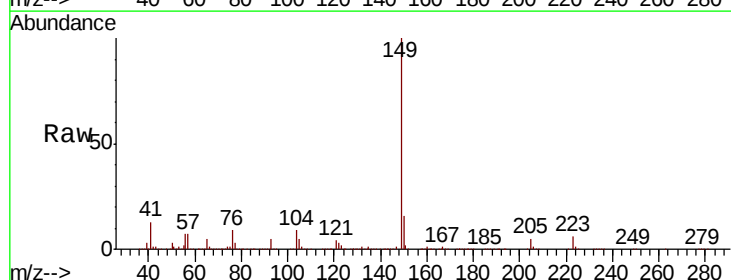
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#74  
 Di-n-butylphthalate  
 Concen: 65.973 ng  
 RT: 18.31 min Scan# 2591  
 Delta R.T. 0.00 min  
 Lab File: BG043864.D  
 Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 16.2  | 9.7   | 14.5# |
| 104     | 8.8   | 5.0   | 7.4#  |





#75

Fluoranthene

Concen: 67.282 ng

RT: 19.39 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA\_G

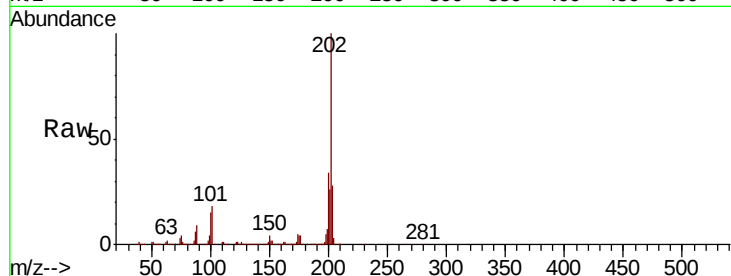
ClientSampleId :

SSTDIC080

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 2962393 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 18.1  | 0.0   | 33.3    |
| 203      | 28.4  | 1.6   | 41.6    |

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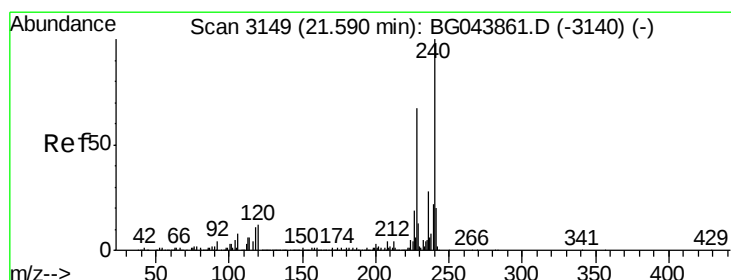
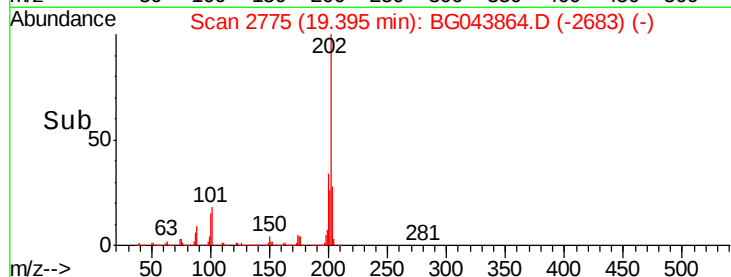
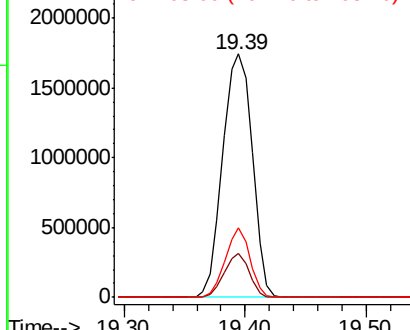


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

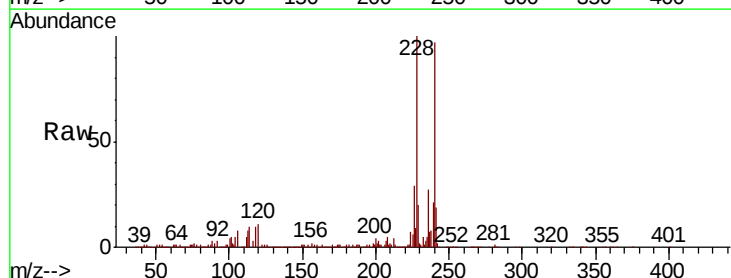
RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 704560 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 11.4  | 9.6   | 14.4   |
| 236      | 27.4  | 22.2  | 33.2   |

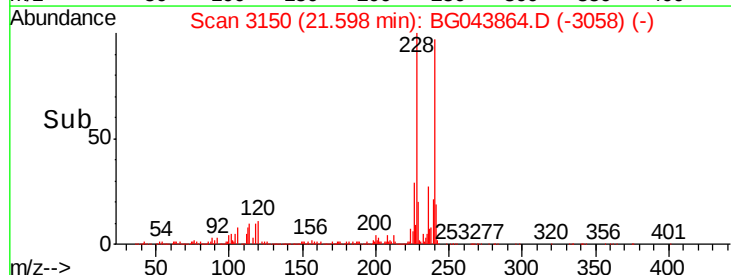
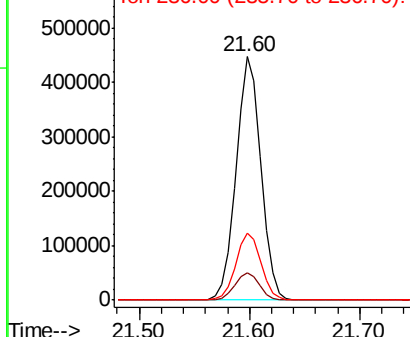


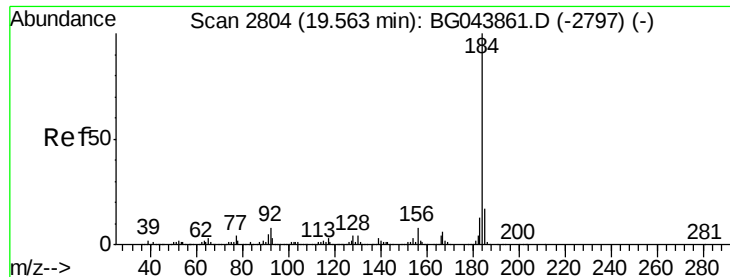
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 73.216 ng

RT: 19.57 min Scan# 2805

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tot Ion:184 Resp: 1328983

Ion Ratio Lower Upper

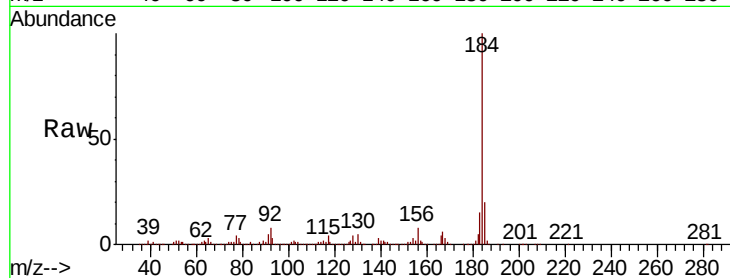
184 100

185 20.0 13.4 20.0

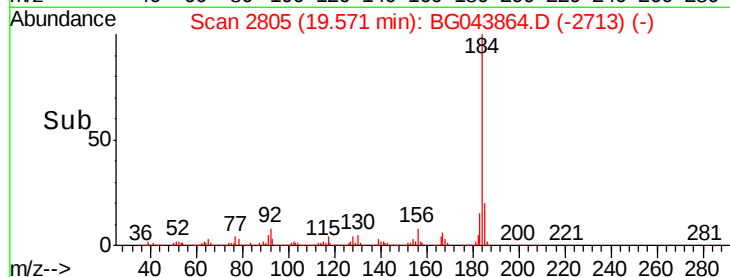
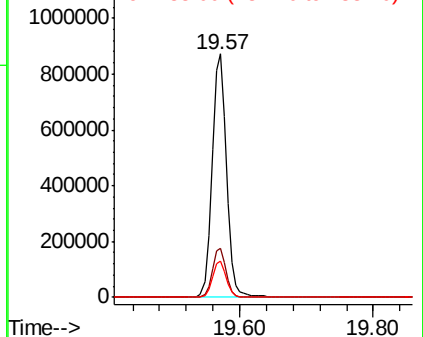
183 14.8 10.6 15.8

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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 67.132 ng

RT: 19.75 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

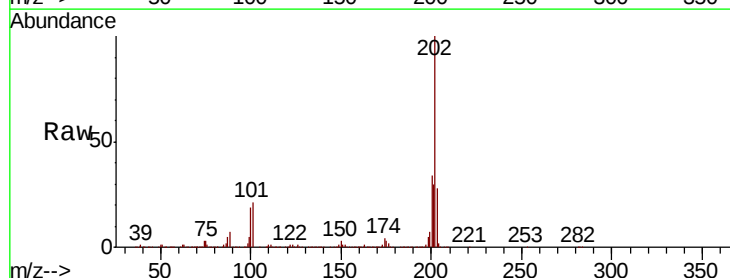
Tgt Ion:202 Resp: 2978063

Ion Ratio Lower Upper

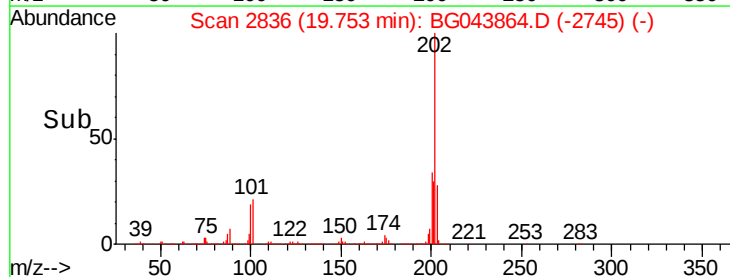
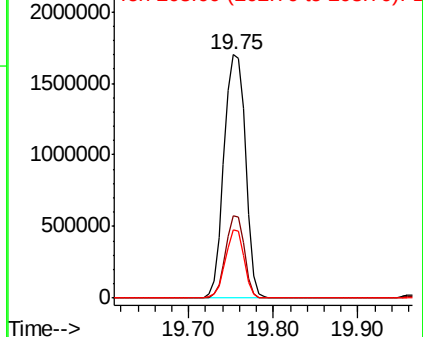
202 100

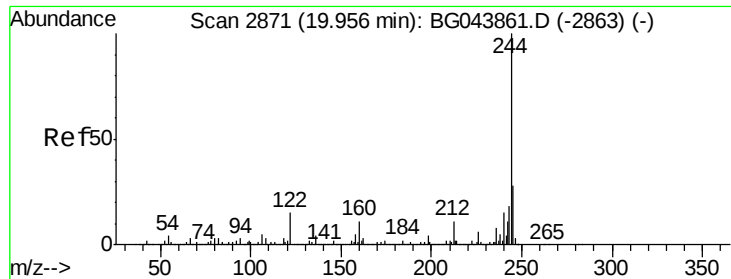
200 33.7 21.7 32.5#

203 27.8 17.0 25.6#



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





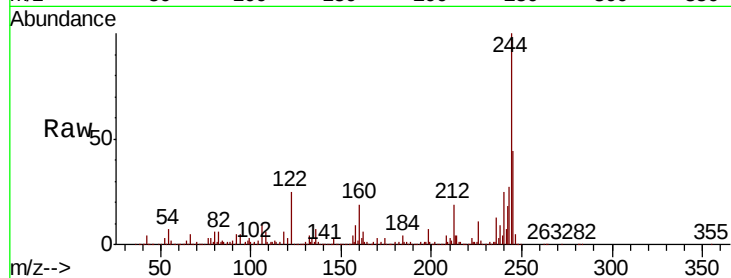
#79  
 Terphenyl-d14  
 Concen: 130.464 ng  
 RT: 19.96 min Scan# 2871  
 Delta R.T. 0.00 min  
 Lab File: BG043864.D  
 Acq: 30 Dec 2019 15:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

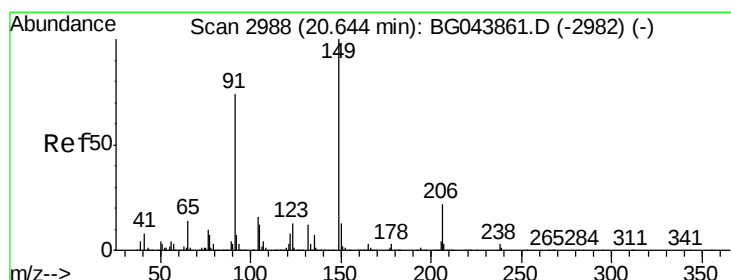
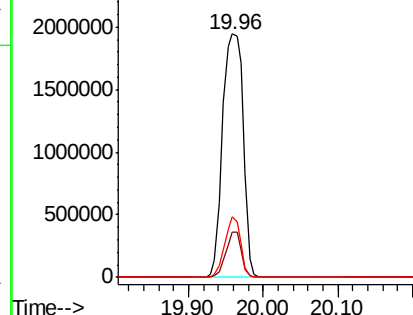
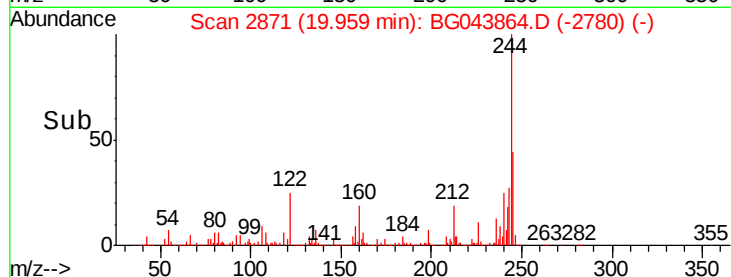
Tot Ion:244 Resp: 3744821  
 Ion Ratio Lower Upper  
 244 100  
 212 18.6 8.6 13.0#  
 122 25.0 11.9 17.9#

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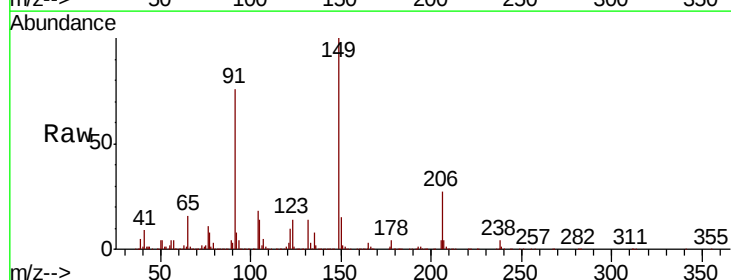


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

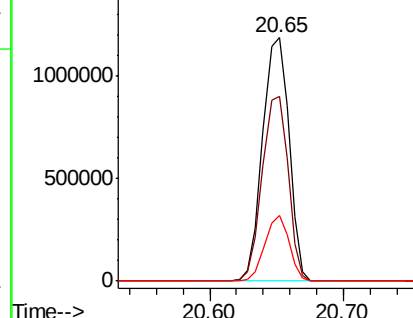
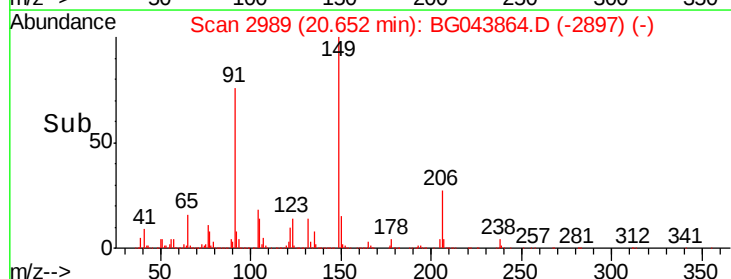


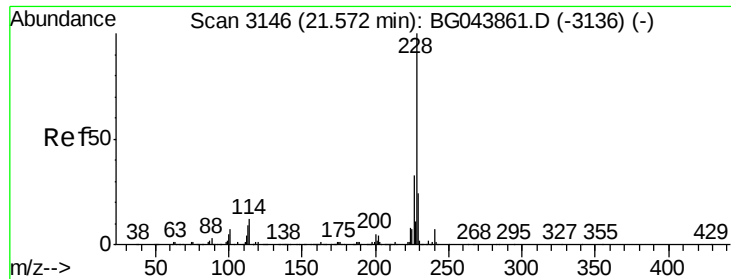
#80  
 Butylbenzylphthalate  
 Concen: 74.088 ng  
 RT: 20.65 min Scan# 2989  
 Delta R.T. 0.01 min  
 Lab File: BG043864.D  
 Acq: 30 Dec 2019 15:12

Tgt Ion:149 Resp: 1620326  
 Ion Ratio Lower Upper  
 149 100  
 91 75.8 59.5 89.3  
 206 26.9 17.8 26.6#



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





#81

Benzo(a)anthracene

Concen: 69.725 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 3047768

Ion Ratio Lower Upper

228 100

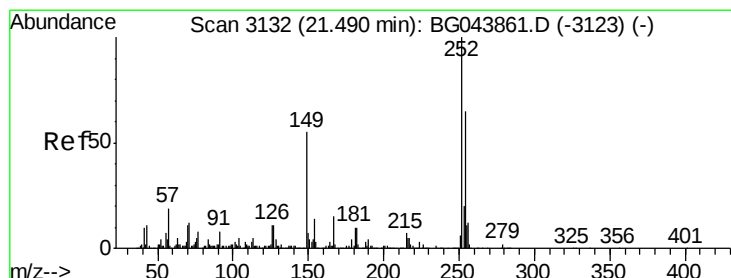
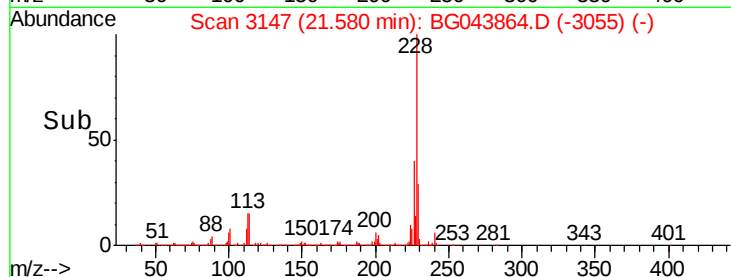
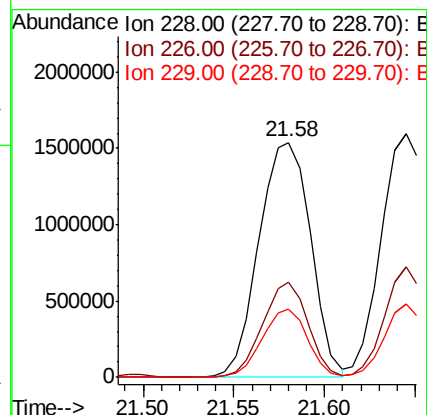
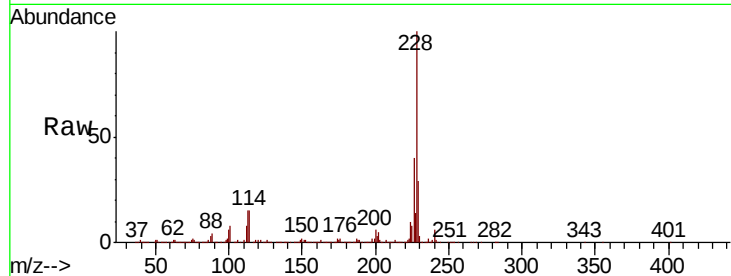
226 40.3 26.2 39.4#

229 29.0 18.9 28.3#

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#82

3,3'-Dichlorobenzidine

Concen: 73.327 ng

RT: 21.50 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BG043864.D

Acq: 30 Dec 2019 15:12

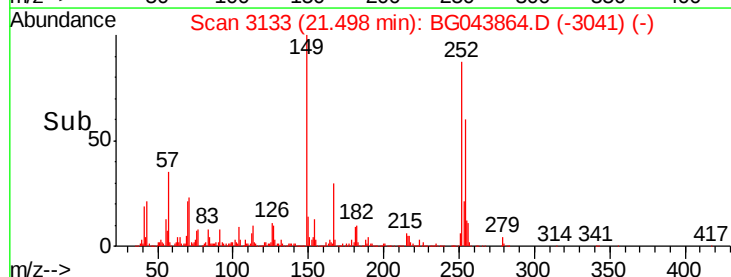
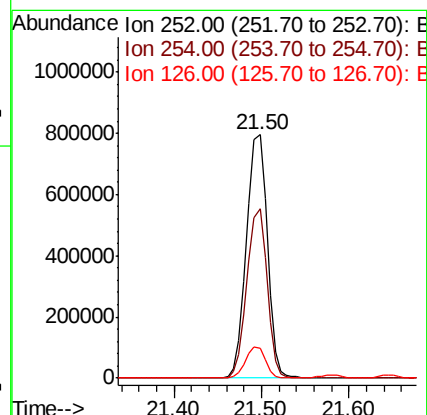
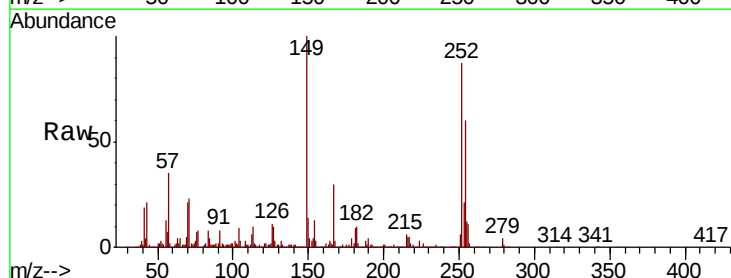
Tgt Ion:252 Resp: 1272720

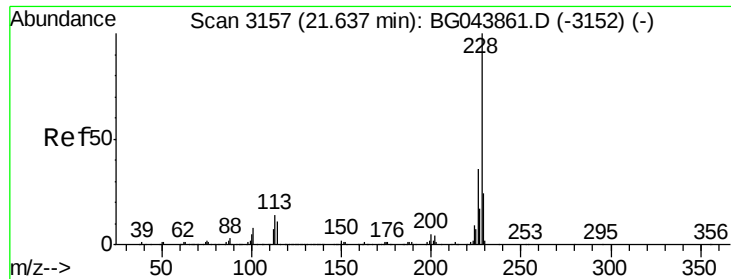
Ion Ratio Lower Upper

252 100

254 69.5 52.1 78.1

126 12.5 9.1 13.7





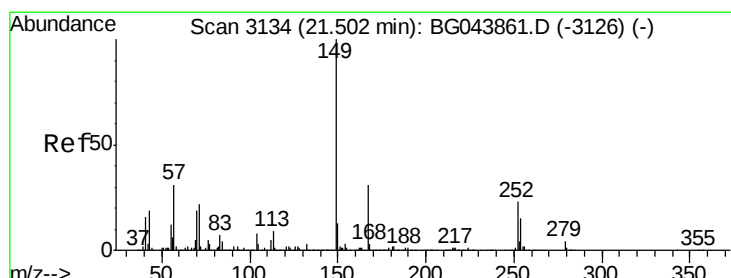
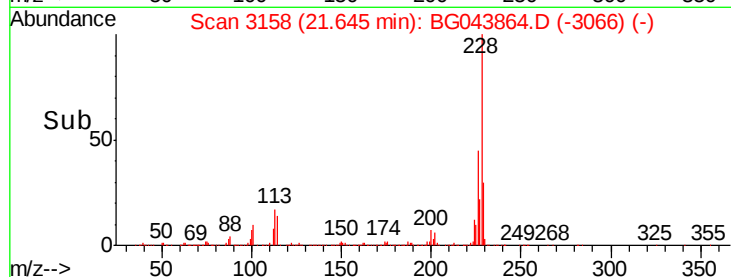
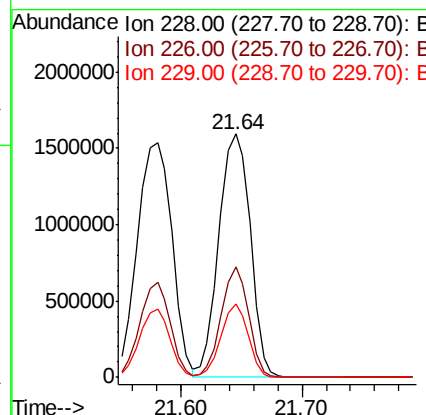
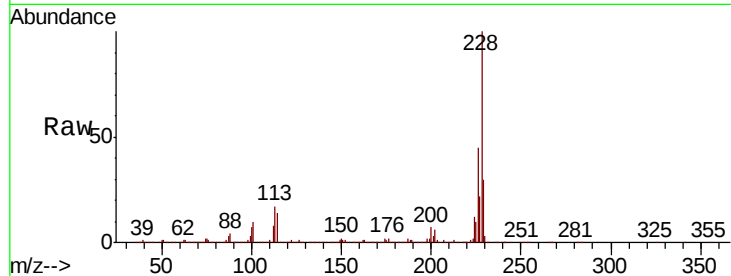
#83  
Chrysene  
Concen: 69.094 ng  
RT: 21.64 min Scan# 3158  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 45.4  | 28.8  | 43.2# |
| 229     | 30.4  | 19.0  | 28.6# |

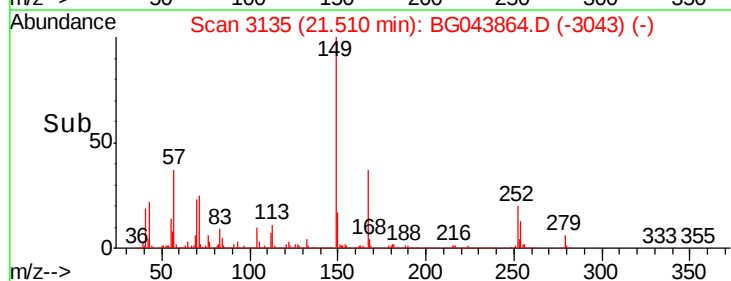
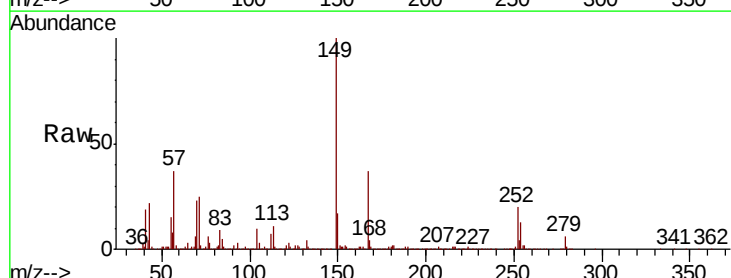
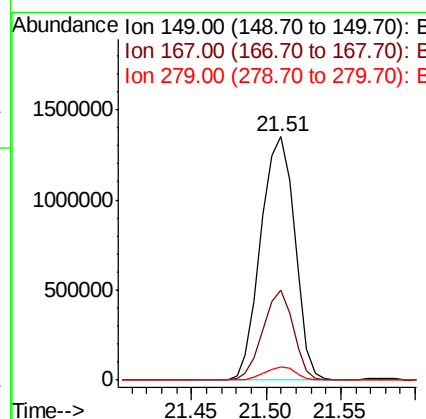
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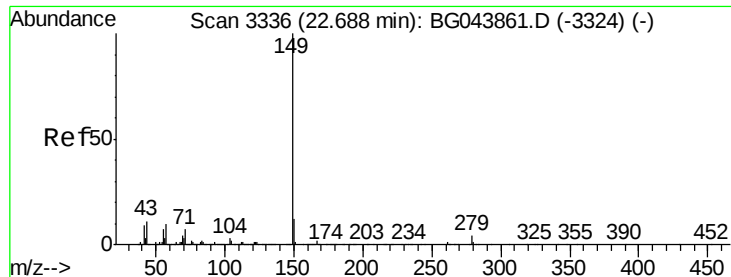
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 70.571 ng  
RT: 21.51 min Scan# 3135  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 37.0  | 24.7  | 37.1  |
| 279     | 5.6   | 3.3   | 4.9#  |





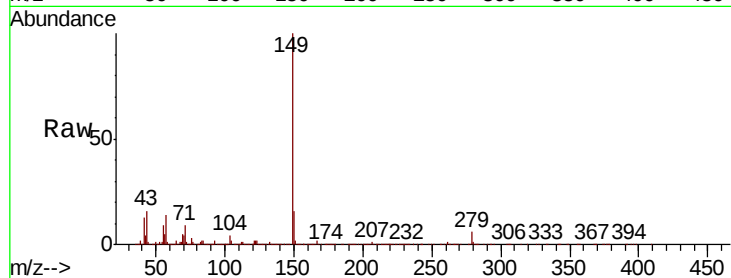
#85  
Di-n-octyl phthalate  
Concen: 70.121 ng  
RT: 22.70 min Scan# 3337  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

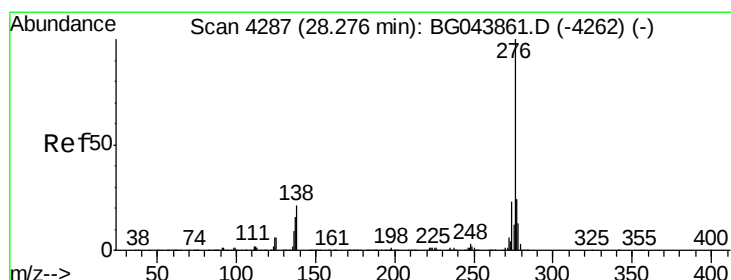
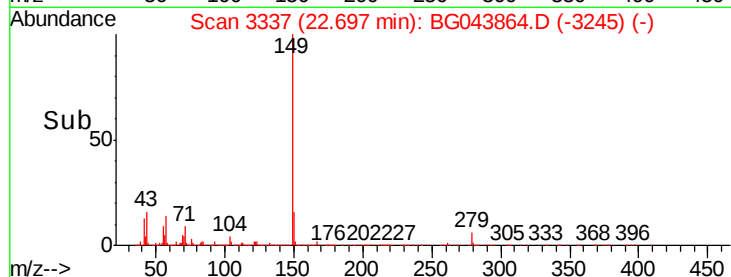
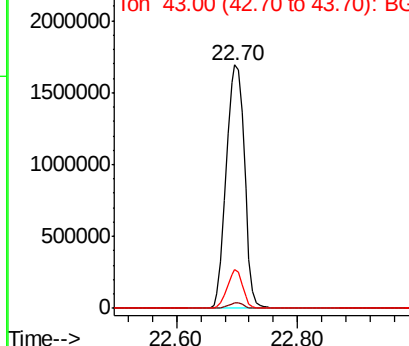
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 2.1   | 1.4   | 2.0#  |
| 43      | 13.5  | 8.8   | 13.2# |

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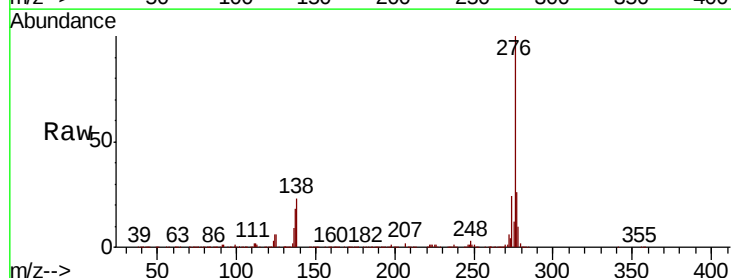


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

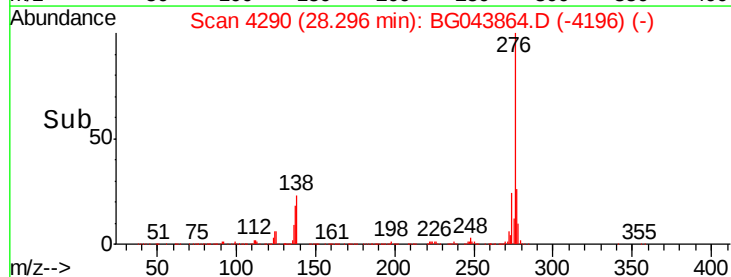
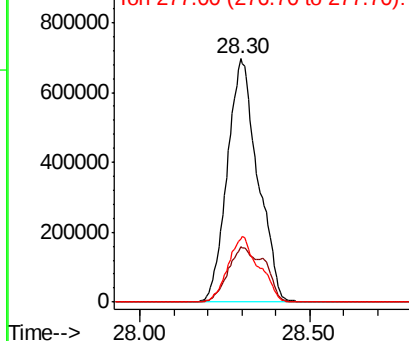


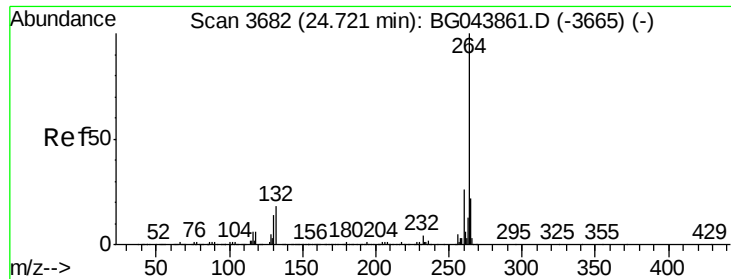
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 77.402 ng  
RT: 28.30 min Scan# 4290  
Delta R.T. 0.02 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 19.9  | 21.0  | 31.4# |
| 277     | 27.3  | 21.1  | 31.7  |



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





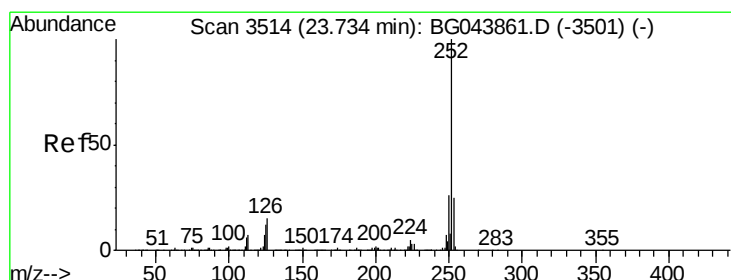
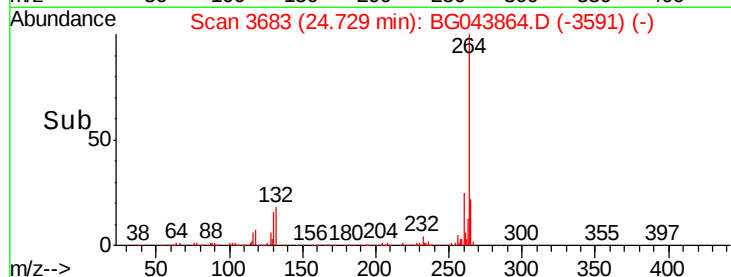
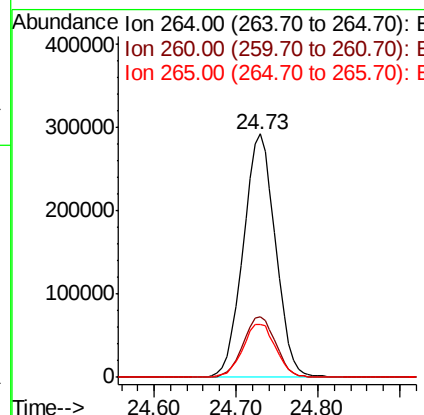
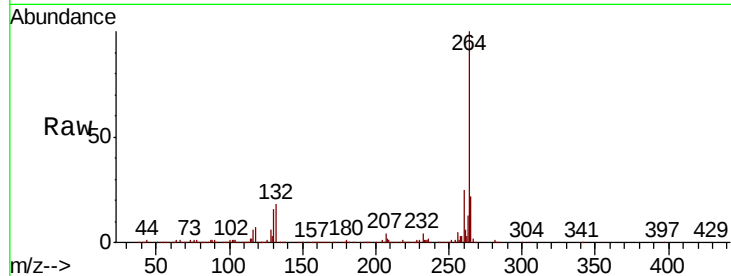
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.73 min Scan# 3683  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.9  | 20.4  | 30.6  |
| 265     | 21.9  | 17.4  | 26.2  |

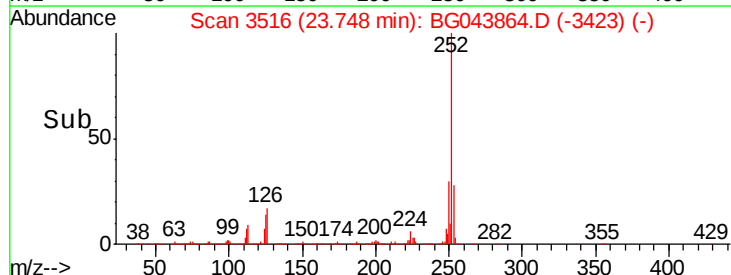
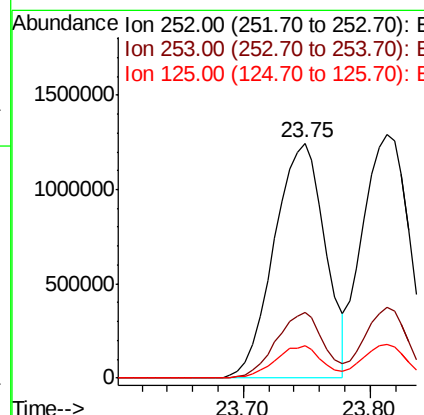
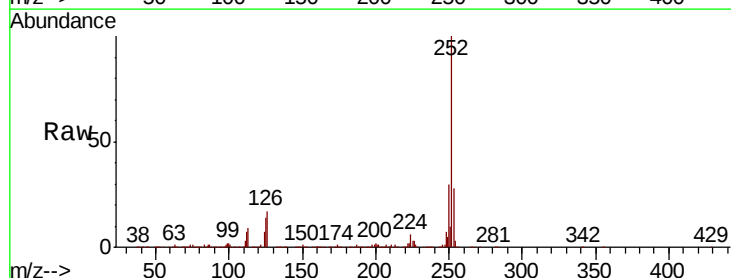
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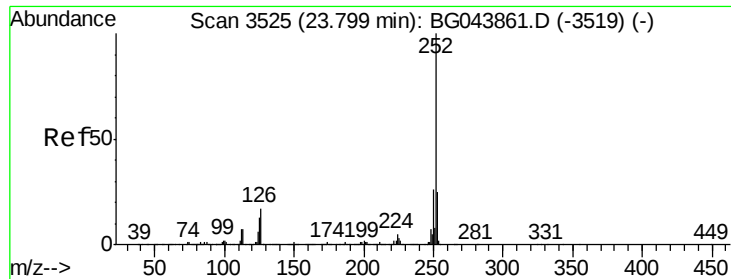
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#88  
Benzo(b)fluoranthene  
Concen: 73.698 ng  
RT: 23.75 min Scan# 3516  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 27.9  | 19.7  | 29.5  |
| 125     | 13.7  | 9.4   | 14.2  |





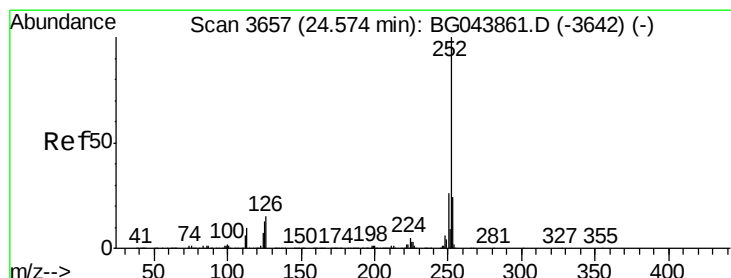
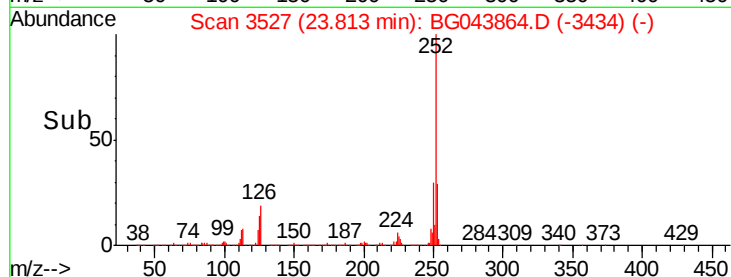
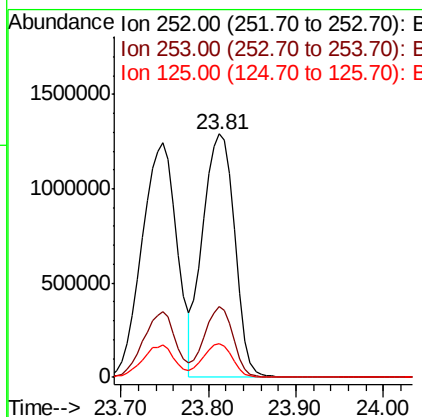
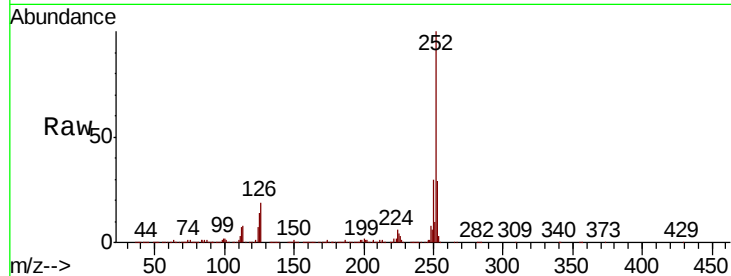
#89  
Benzo(k)fluoranthene  
Concen: 73.416 ng  
RT: 23.81 min Scan# 3527  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 28.8  | 19.4  | 29.2  |
| 125     | 14.0  | 9.9   | 14.9  |

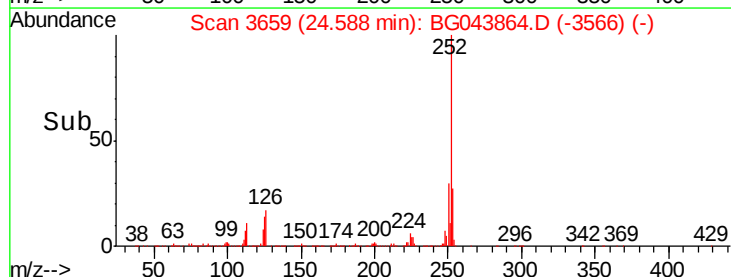
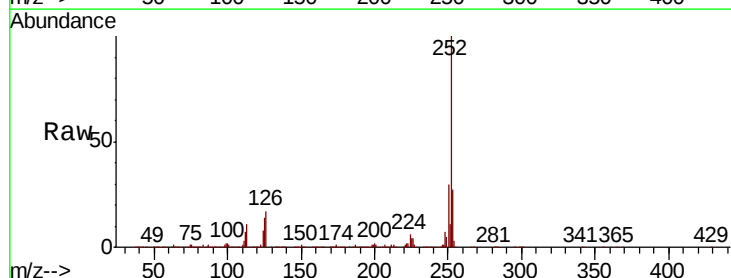
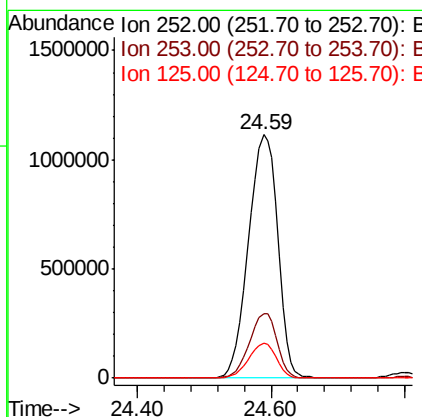
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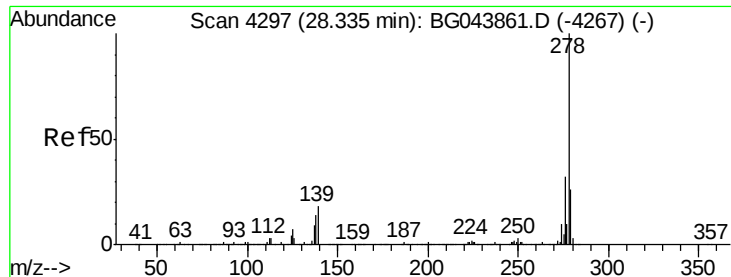
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#90  
Benzo(a)pyrene  
Concen: 75.081 ng  
RT: 24.59 min Scan# 3659  
Delta R.T. 0.01 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 26.6  | 19.3  | 28.9  |
| 125     | 14.4  | 10.4  | 15.6  |





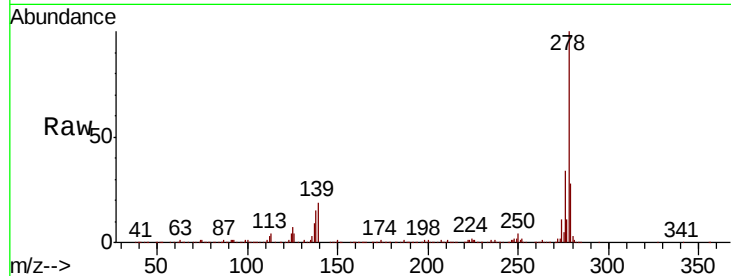
#91  
Dibenzo(a,h)anthracene  
Concen: 76.811 ng  
RT: 28.37 min Scan# 4302  
Delta R.T. 0.03 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.0  | 14.2  | 21.4  |
| 279     | 27.5  | 20.6  | 30.8  |

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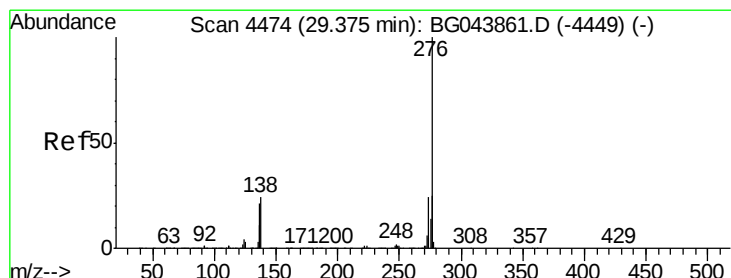
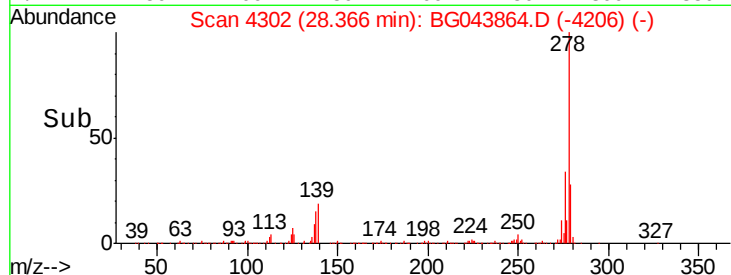
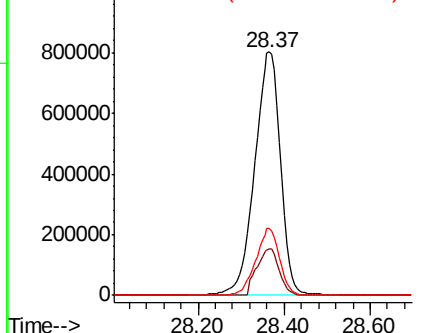


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 77.100 ng  
RT: 29.41 min Scan# 4480  
Delta R.T. 0.04 min  
Lab File: BG043864.D  
Acq: 30 Dec 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 26.3  | 20.2  | 30.4  |
| 138     | 24.0  | 19.0  | 28.6  |

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

