

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\  
 Data File : BG044685.D  
 Acq On : 5 Mar 2020 15:24  
 Operator : CG/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
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mohammad  
 3/6/2020 10:17:34 PM

Quant Time: Mar 05 16:31:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 05 15:55:35 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 63343    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 267318   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 181128   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.44 | 188  | 423452   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.72 | 240  | 352594   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.94 | 264  | 421086   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.62  | 112 | 515736  | 130.64 | ng | 0.00 |
| 7) Phenol-d6                | 7.21  | 99  | 778787  | 144.11 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.22  | 82  | 747279  | 144.02 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330 | 318676  | 124.08 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.32 | 172 | 1585760 | 125.37 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.06 | 244 | 2333641 | 125.29 | ng | 0.00 |

|                                |       |     |         |            |        |
|--------------------------------|-------|-----|---------|------------|--------|
| Target Compounds               |       |     |         |            | Qvalue |
| 2) 1,4-Dioxane                 | 3.53  | 88  | 120288  | 69.823 ng  | 97     |
| 3) Pyridine                    | 3.92  | 79  | 383931m | 79.869 ng  |        |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 158745  | 86.949 ng  | 85     |
| 6) Aniline                     | 7.38  | 93  | 487104  | 74.035 ng  | 99     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 260762  | 60.507 ng  | 98     |
| 9) Benzaldehyde                | 7.19  | 77  | 201631  | 63.453 ng  | 97     |
| 10) Phenol                     | 7.24  | 94  | 389327  | 74.344 ng  | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 291633  | 66.244 ng  | 97     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 309035  | 60.123 ng  | 96     |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146 | 305774  | 59.192 ng  | 97     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 288817  | 58.792 ng  | 96     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 337530  | 92.613 ng  | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 545047  | 92.122 ng  | 99     |
| 17) 2-Methylphenol             | 8.49  | 107 | 263725  | 70.493 ng  | 97     |
| 18) Hexachloroethane           | 9.15  | 117 | 123598  | 65.469 ng  | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.88  | 70  | 287699  | 82.824 ng  | 100    |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 366064  | 71.470 ng  | 94     |
| 22) Acetophenone               | 8.88  | 105 | 465804  | 69.404 ng  | # 94   |
| 24) Nitrobenzene               | 9.26  | 77  | 388053  | 77.194 ng  | 99     |
| 25) Isophorone                 | 9.79  | 82  | 768071  | 79.127 ng  | 98     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 135213  | 49.596 ng  | 100    |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 245992  | 64.263 ng  | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 436643  | 68.022 ng  | 99     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 286087  | 62.513 ng  | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.74 | 180 | 324212  | 61.256 ng  | 99     |
| 31) Naphthalene                | 10.93 | 128 | 916293  | 62.818 ng  | 98     |
| 32) Benzoic acid               | 10.19 | 122 | 202327  | 136.177 ng | 93     |
| 33) 4-Chloroaniline            | 11.02 | 127 | 413737  | 64.399 ng  | 96     |
| 34) Hexachlorobutadiene        | 11.23 | 225 | 221613  | 66.674 ng  | 96     |
| 35) Caprolactam                | 11.80 | 113 | 114518  | 69.900 ng  | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 349018  | 74.089 ng  | 97     |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 680656  | 63.139 ng  | 99     |
| 38) 1-Methylnaphthalene        | 12.75 | 142 | 637777  | 62.262 ng  | 95     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 367586  | 60.283 ng  | 99     |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
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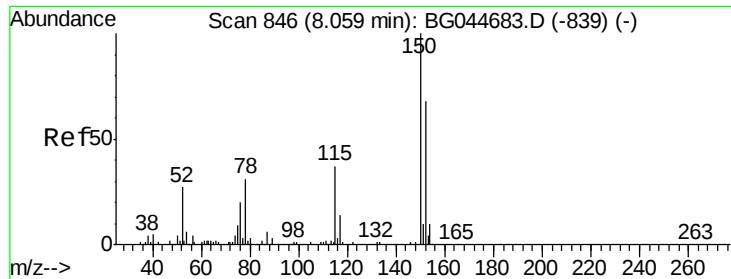
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 3/6/2020 10:17:34 PM

Quant Time: Mar 05 16:31:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 05 15:55:35 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 220775   | 91.780 | nq    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 258743   | 65.351 | nq    | 93       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 264846   | 65.118 | nq    | 90       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 888594   | 59.282 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 680739   | 57.916 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.76 | 65   | 256892   | 78.735 | nq    | 99       |
| 49) Acenaphthylene             | 14.42 | 152  | 1086847  | 62.642 | nq    | 99       |
| 50) Dimethylphthalate          | 14.16 | 163  | 918369   | 62.819 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.26 | 165  | 181912   | 56.420 | nq    | 99       |
| 52) Acenaphthene               | 14.76 | 154  | 714706   | 64.622 | nq    | 97       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 208813   | 60.050 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 86436    | 55.790 | nq    | # 76     |
| 55) Dibenzofuran               | 15.10 | 168  | 1055939  | 62.277 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 158772   | 66.379 | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.05 | 165  | 246077   | 54.285 | nq    | 96       |
| 58) Fluorene                   | 15.74 | 166  | 857858   | 63.811 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 252998m  | 67.550 | nq    |          |
| 60) Diethylphthalate           | 15.52 | 149  | 968706   | 66.875 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 471963   | 64.567 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.76 | 138  | 219790   | 63.124 | nq    | 98       |
| 63) Azobenzene                 | 16.03 | 77   | 1026322  | 83.253 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 115620   | 44.096 | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 771714   | 58.425 | nq    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 322794   | 61.411 | nq    | 94       |
| 68) Hexachlorobenzene          | 16.75 | 284  | 347688   | 58.506 | nq    | 94       |
| 69) Atrazine                   | 16.90 | 200  | 294361   | 60.282 | nq    | 99       |
| 70) Pentachlorophenol          | 17.09 | 266  | 212001   | 86.107 | nq    | 95       |
| 71) Phenanthrene               | 17.49 | 178  | 1380013  | 58.865 | nq    | 99       |
| 72) Anthracene                 | 17.58 | 178  | 1352830  | 58.556 | nq    | 98       |
| 73) Carbazole                  | 17.84 | 167  | 1286024  | 61.153 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 1598310  | 60.652 | nq    | 99       |
| 75) Fluoranthene               | 19.49 | 202  | 1636127  | 58.954 | nq    | 99       |
| 77) Benzidine                  | 19.66 | 184  | 764316   | 63.281 | nq    | 96       |
| 78) Pyrene                     | 19.85 | 202  | 1637771  | 63.987 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 744207   | 66.473 | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.70 | 228  | 1575296  | 63.568 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.61 | 252  | 651890   | 66.586 | nq    | 99       |
| 83) Chrysene                   | 21.77 | 228  | 1521852  | 63.516 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 1013856  | 65.721 | nq    | 97       |
| 85) Di-n-octyl phthalate       | 22.87 | 149  | 1753759  | 64.616 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.63 | 276  | 2030021  | 66.018 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 23.93 | 252  | 1745992  | 63.065 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.00 | 252  | 1627125  | 60.571 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.80 | 252  | 1626203  | 62.517 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.71 | 278  | 1612427  | 62.677 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.77 | 276  | 1621678  | 62.918 | nq    | 97       |

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





#1

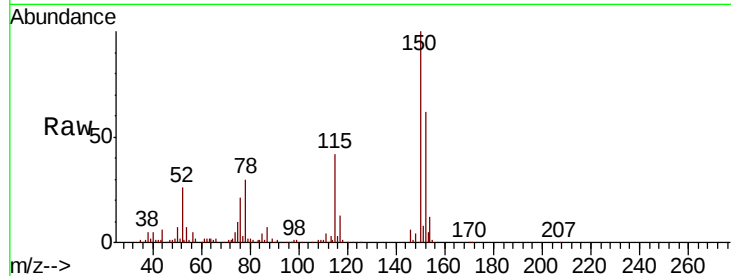
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Concen: 20.000 ng  
RT: 8.06 min Scan# 847  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.2 | 118.6 | 177.8 |
| 115     | 67.2  | 43.6  | 65.4  |

Manual Integrations  
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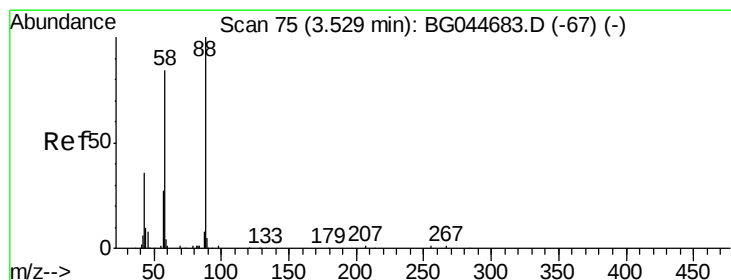
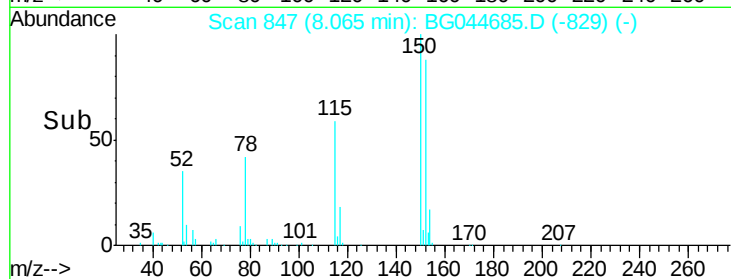
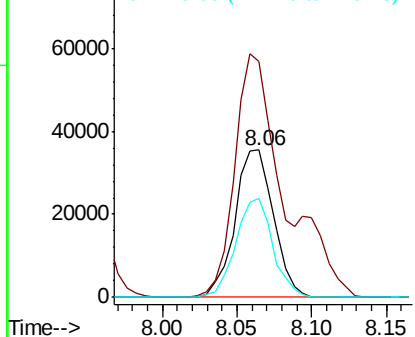


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

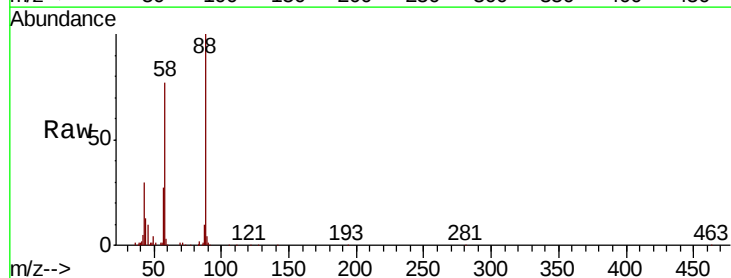
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 69.823 ng  
RT: 3.53 min Scan# 75  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 85.5  | 66.6  | 99.8  |
| 43      | 31.4  | 27.4  | 41.2  |

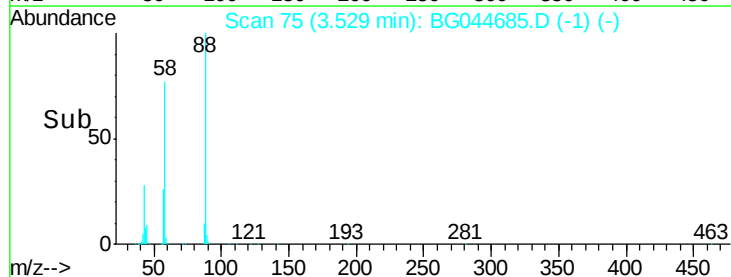
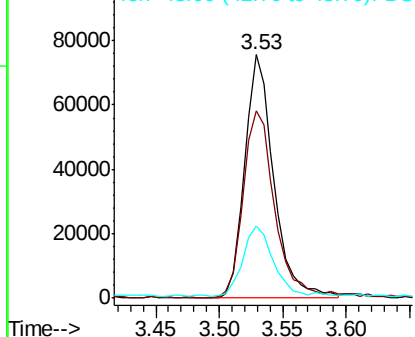


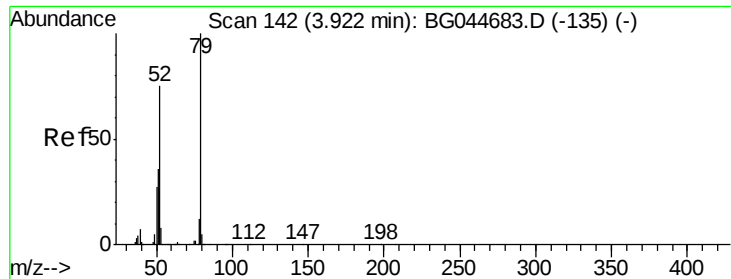
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





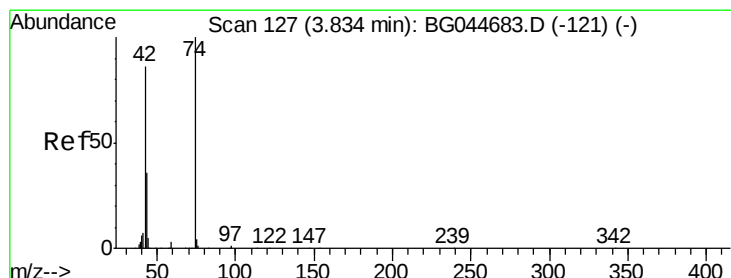
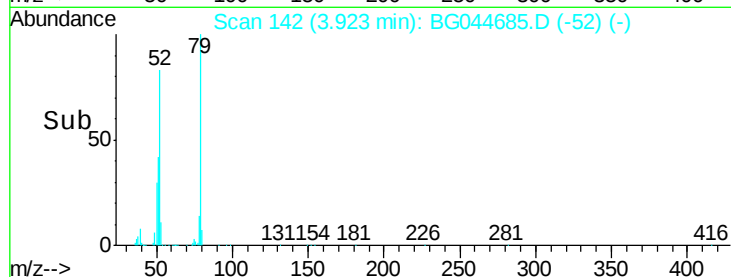
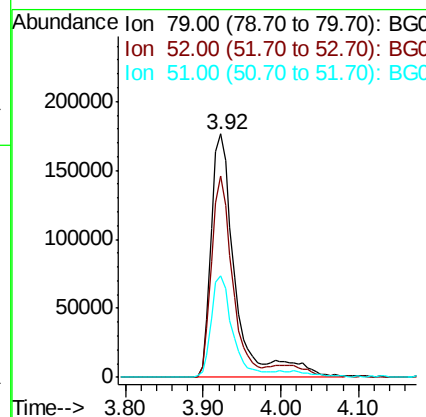
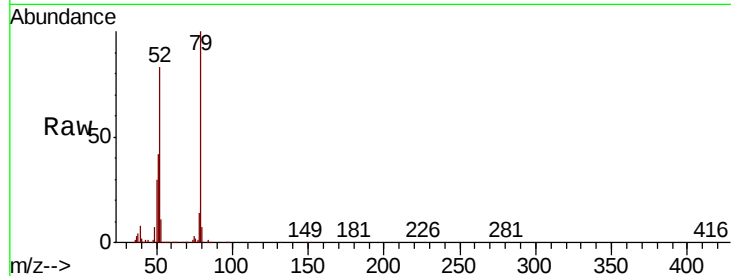
#3  
 Pvridine  
 Concen: 79.869 ng/ml  
 RT: 3.92 min Scan# 142  
 Delta R.T. 0.00 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 82.7  | 59.9  | 89.9  |
| 51      | 41.8  | 29.3  | 43.9  |

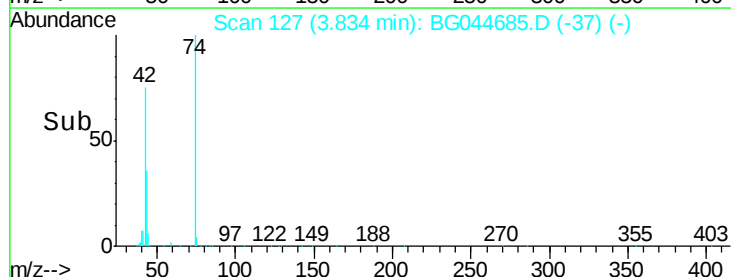
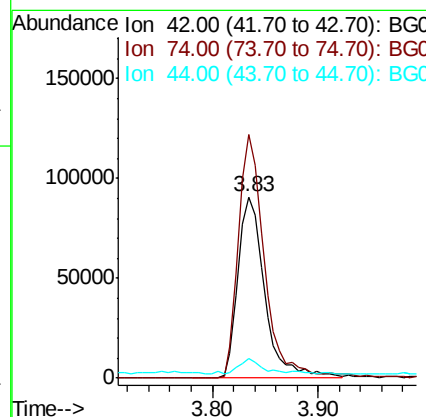
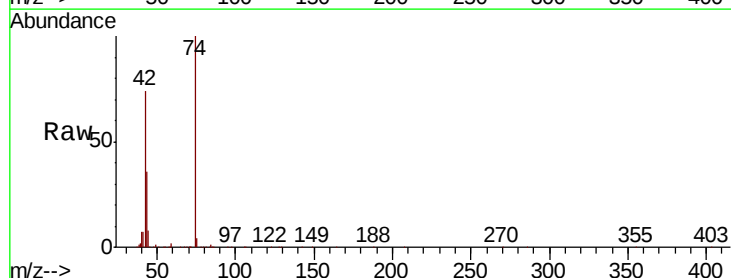
Manual Integrations  
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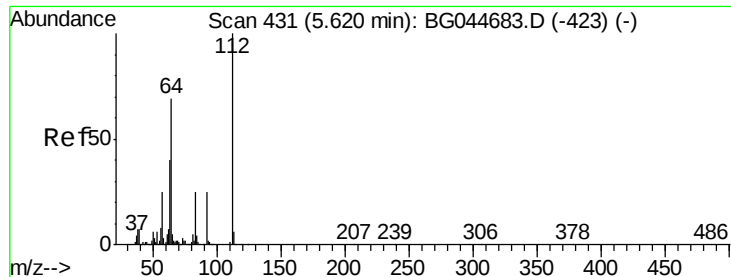
mohammad  
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#4  
 n-Nitrosodimethylamine  
 Concen: 86.949 ng/ml  
 RT: 3.83 min Scan# 127  
 Delta R.T. 0.00 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 134.3 | 93.4  | 140.2 |
| 44      | 11.1  | 8.9   | 13.3  |





#5

2-Fluorophenol

Concen: 130.635 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

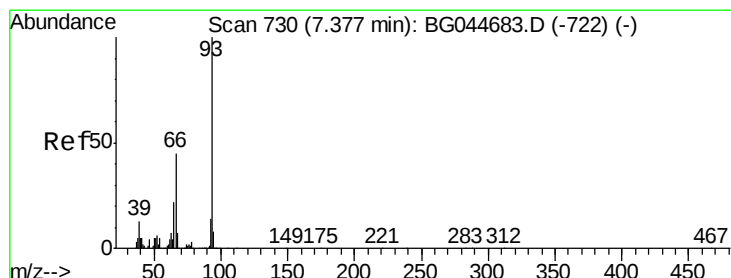
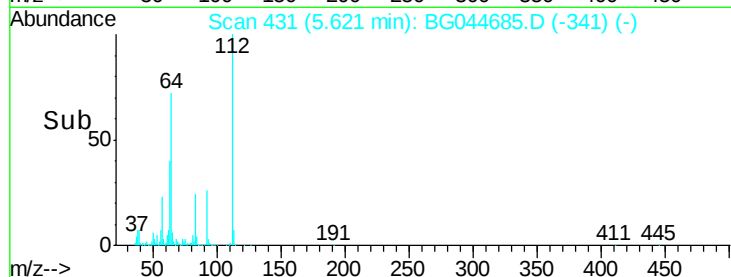
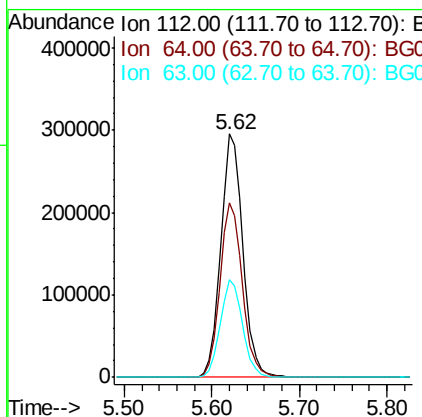
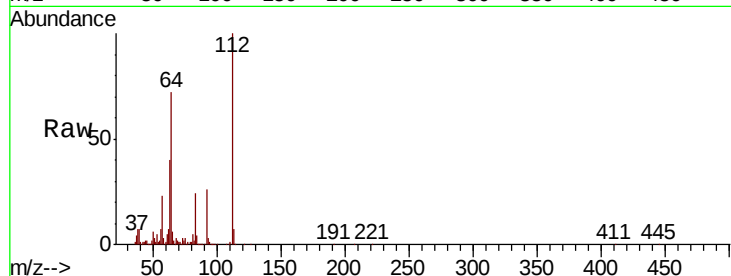
ClientSampleId :

SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 515736 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 71.8  | 55.4  | 83.0   |
| 63        | 39.9  | 32.1  | 48.1   |

Manual Integrations  
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#6

Aniline

Concen: 74.035 ng

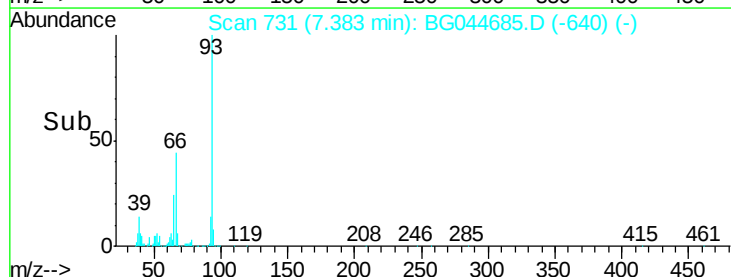
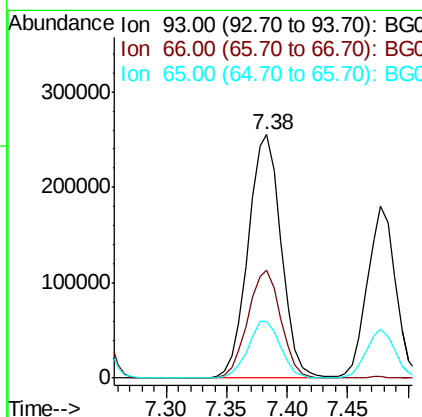
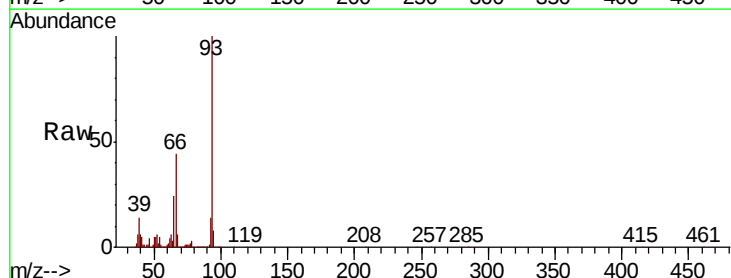
RT: 7.38 min Scan# 731

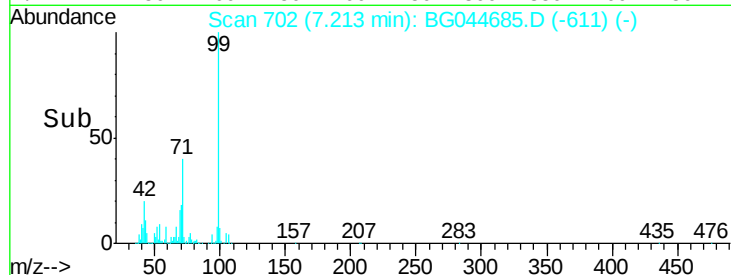
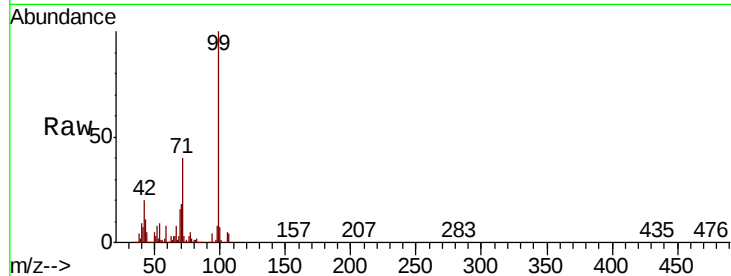
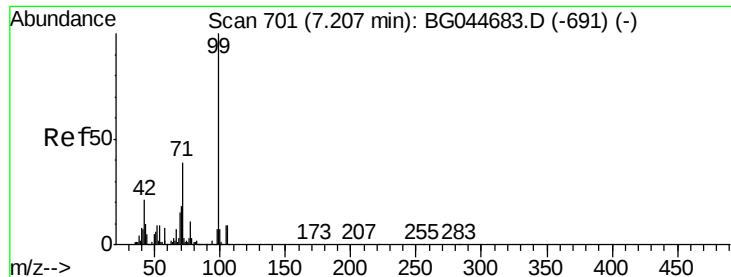
Delta R.T. 0.01 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 487104 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 44.3  | 35.8  | 53.8   |
| 65        | 23.5  | 17.9  | 26.9   |





#7

Phenol-d6

Concen: 144.115 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 778787 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.1  | 16.5  | 24.7   |
| 71        | 39.9  | 30.9  | 46.3   |

Instrument :

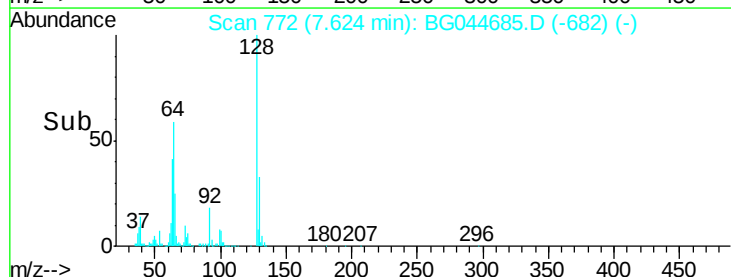
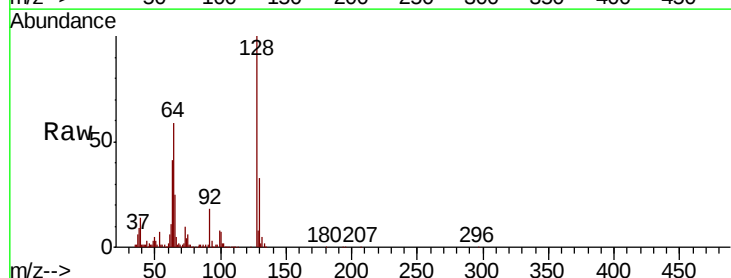
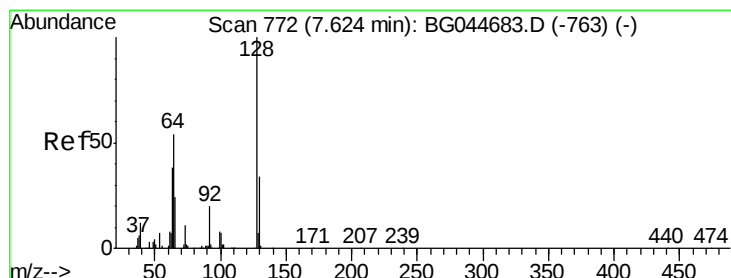
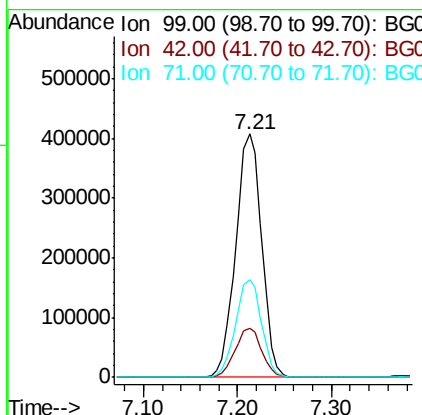
BNA\_G

ClientSampleId :

SSTDICC060

Manual Integrations  
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#8

2-Chlorophenol

Concen: 60.507 ng

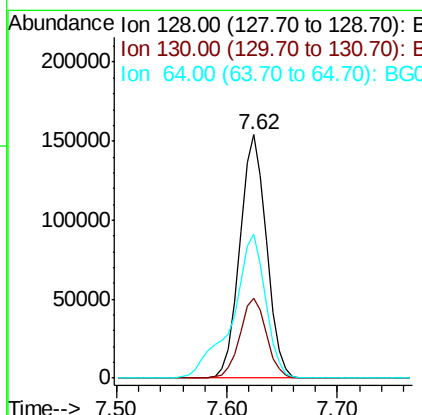
RT: 7.62 min Scan# 772

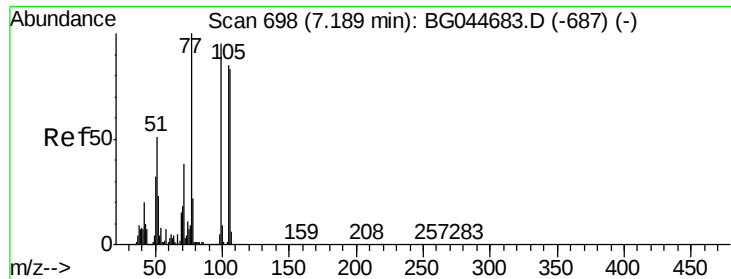
Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 260762 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.5  | 14.0  | 54.0   |
| 64        | 59.1  | 37.6  | 77.6   |





#9

Benzaldehyde

Concen: 63.453 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

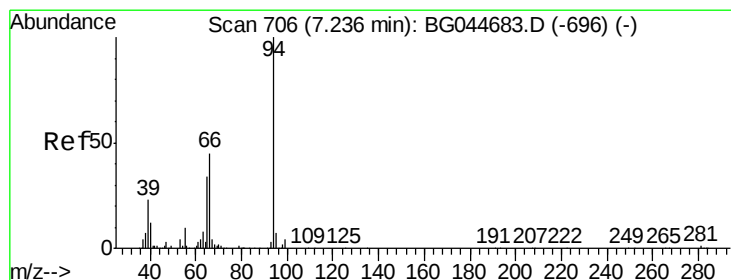
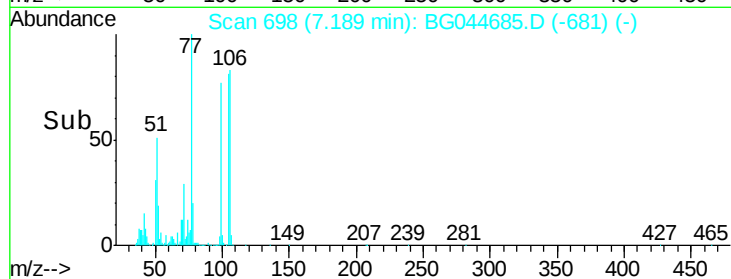
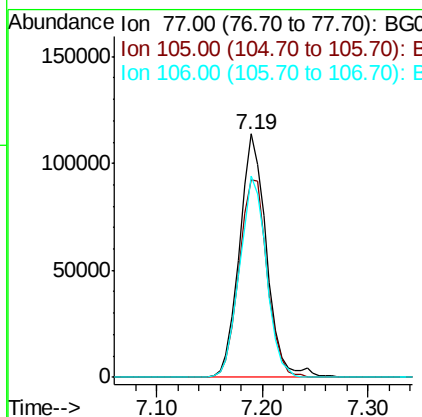
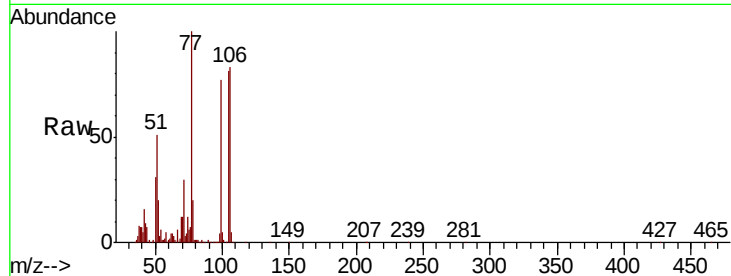
ClientSampleId :

SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 201631 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 81.1  | 65.1  | 105.1  |
| 106       | 82.6  | 63.1  | 103.1  |

Manual Integrations  
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#10

Phenol

Concen: 74.344 ng

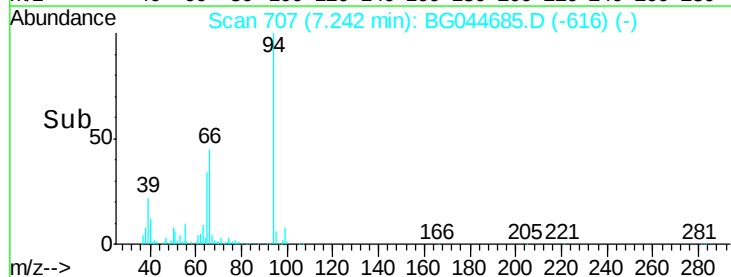
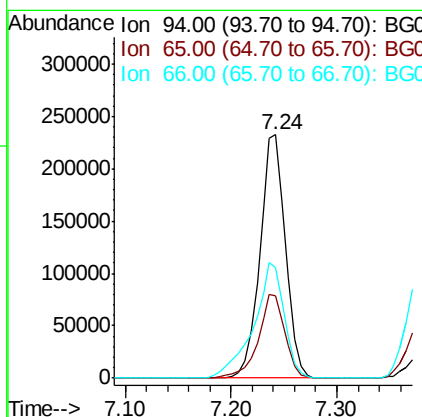
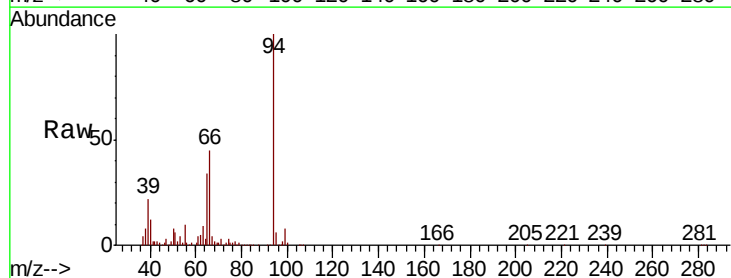
RT: 7.24 min Scan# 707

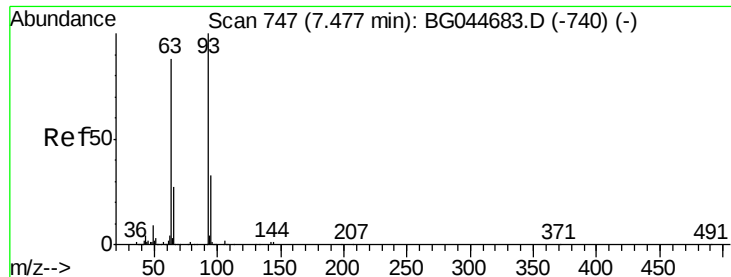
Delta R.T. 0.01 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 389327 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 33.7  | 13.5  | 53.5   |
| 66        | 45.3  | 25.8  | 65.8   |





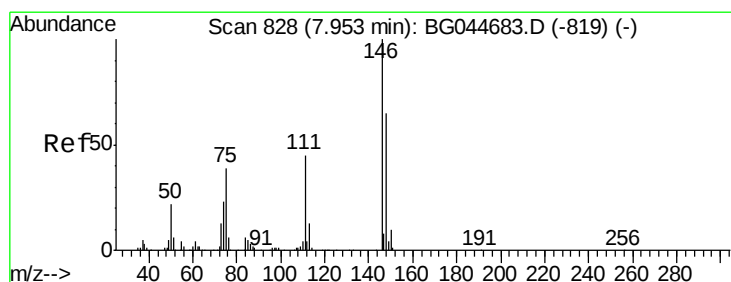
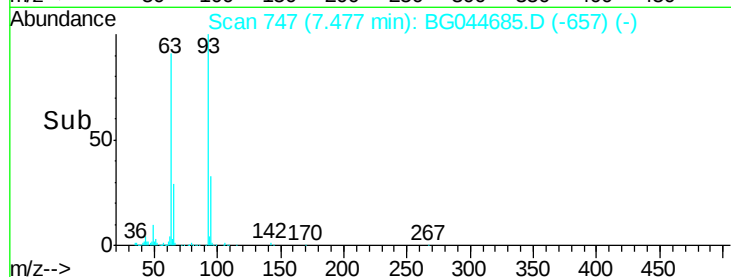
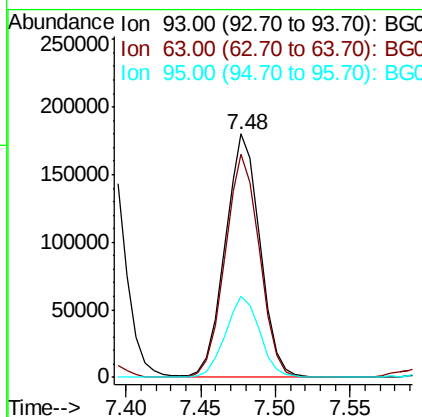
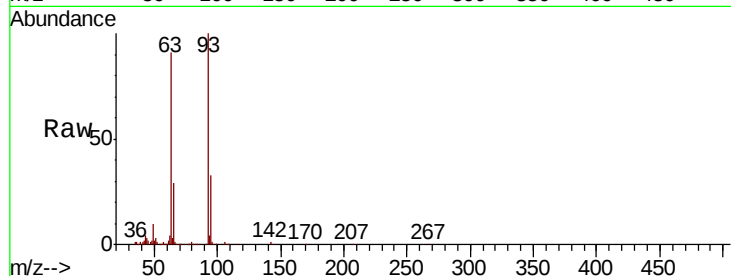
#11  
bis(2-Chloroethyl)ether  
Concen: 66.244 ng  
RT: 7.48 min Scan# 747  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 91.4  | 67.8  | 107.8 |
| 95      | 33.0  | 13.0  | 53.0  |

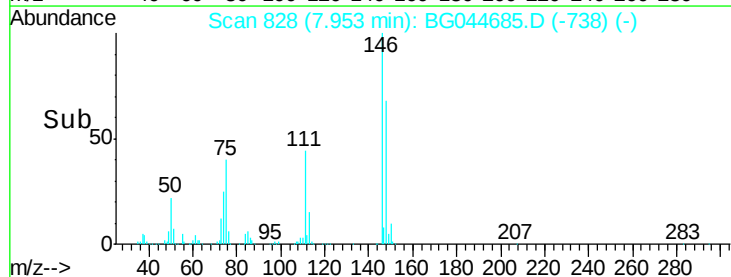
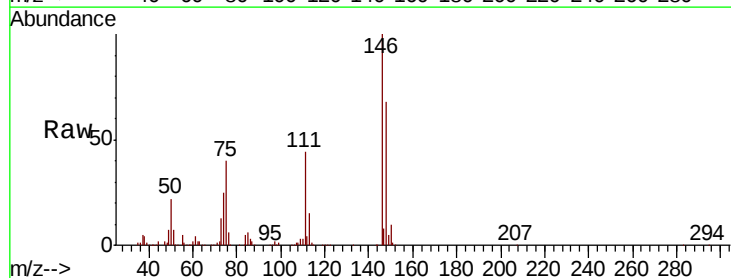
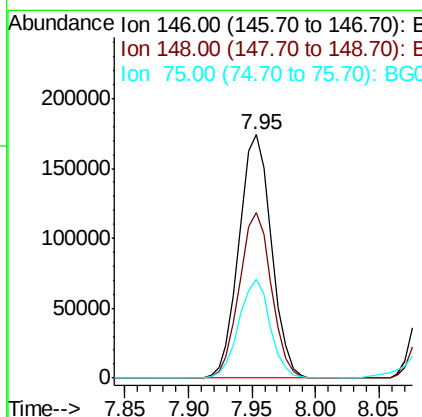
Manual Integrations  
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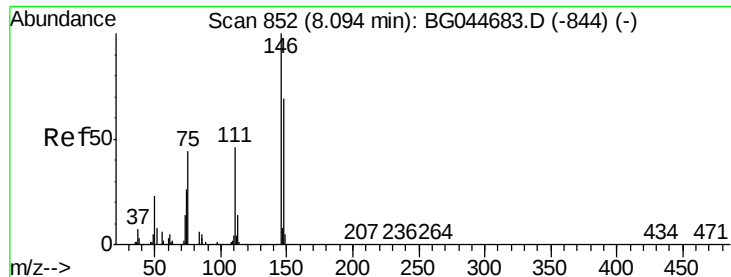
mohammad  
3/6/2020 10:17:34 PM



#12  
1,3-Dichlorobenzene  
Concen: 60.123 ng  
RT: 7.95 min Scan# 828  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.2  | 51.9  | 77.9  |
| 75      | 40.5  | 31.0  | 46.6  |





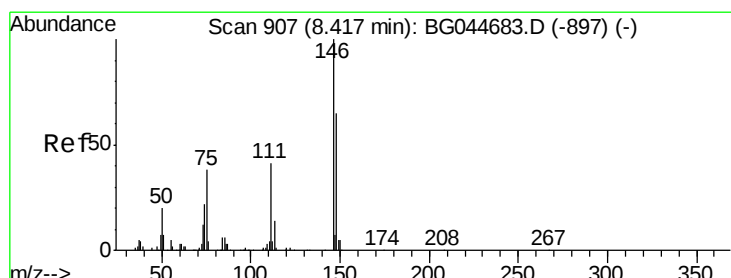
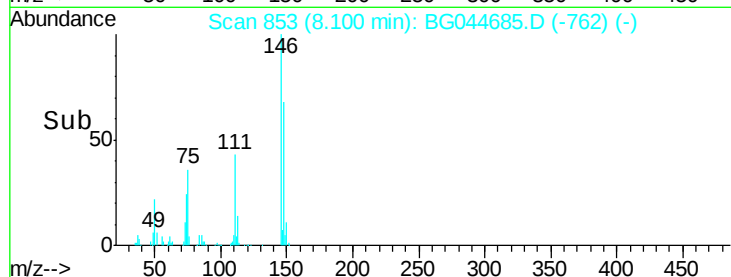
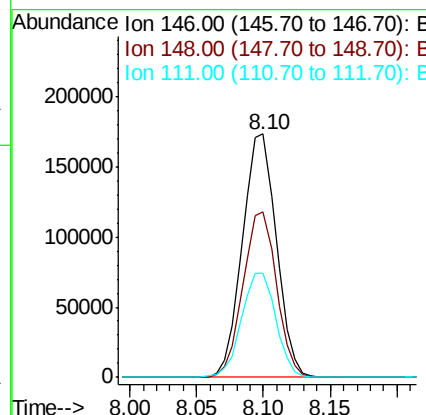
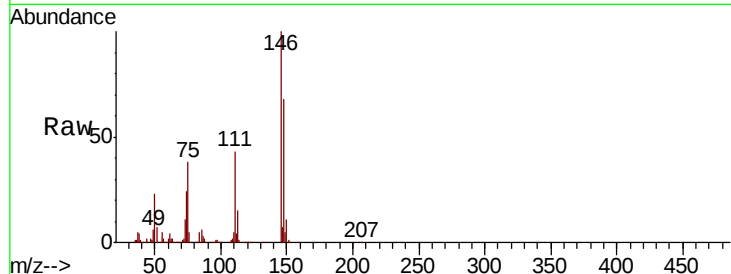
#13  
1,4-Dichlorobenzene  
Concen: 59.192 ng  
RT: 8.10 min Scan# 853  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.9  | 55.0  | 82.4  |
| 111     | 42.7  | 37.2  | 55.8  |

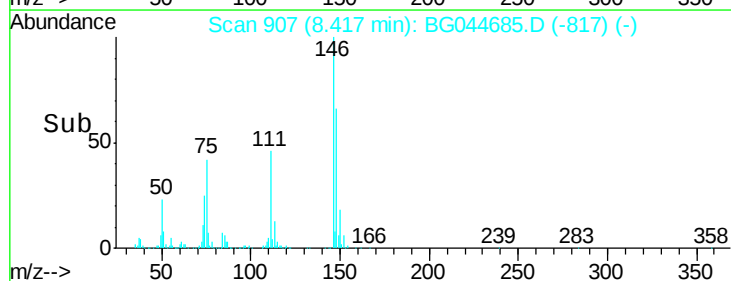
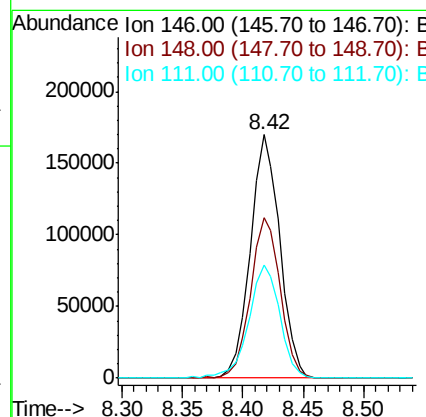
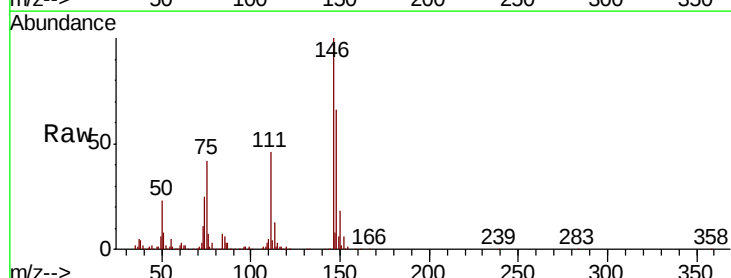
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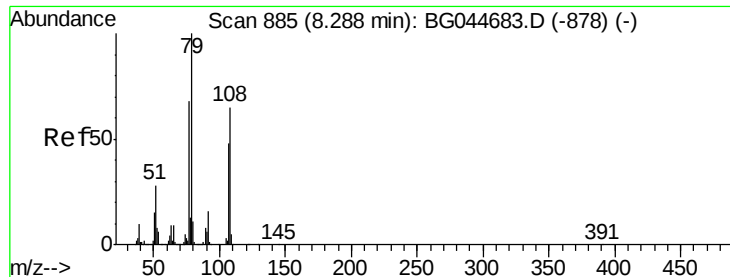
mohammad  
3/6/2020 10:17:34 PM



#14  
1,2-Dichlorobenzene  
Concen: 58.792 ng  
RT: 8.42 min Scan# 907  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.9  | 51.8  | 77.8  |
| 111     | 46.3  | 33.4  | 50.0  |





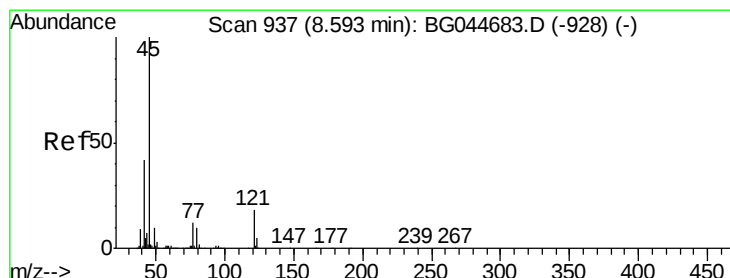
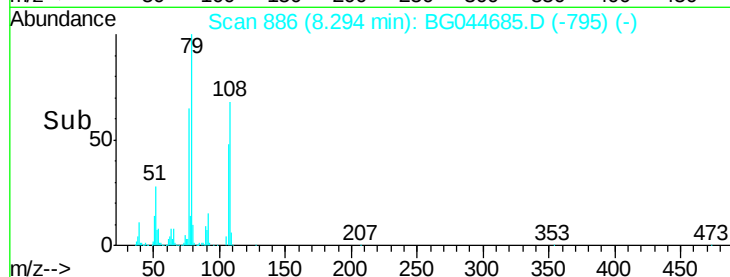
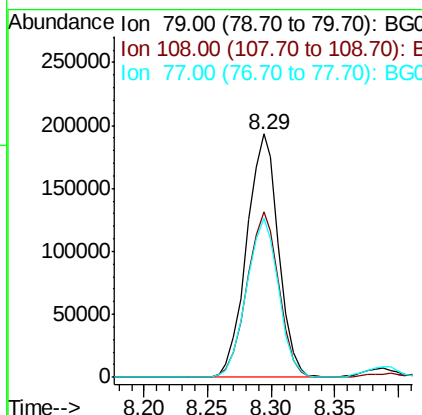
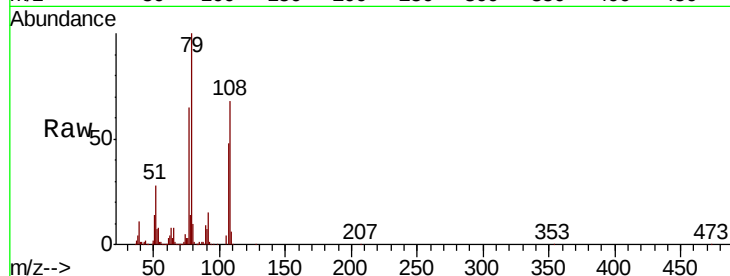
#15  
Benzyl Alcohol  
Concen: 92.613 ng  
RT: 8.29 min Scan# 886  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleID :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 68.0  | 52.2  | 78.4  |
| 77      | 65.2  | 54.2  | 81.2  |

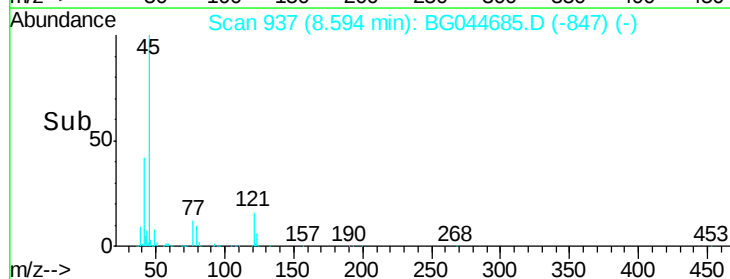
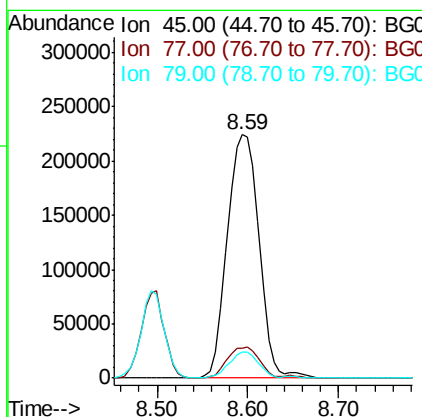
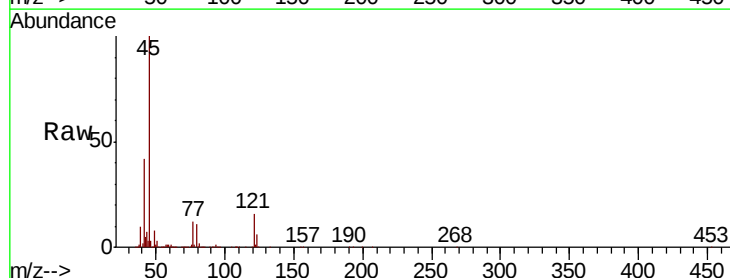
Manual Integrations  
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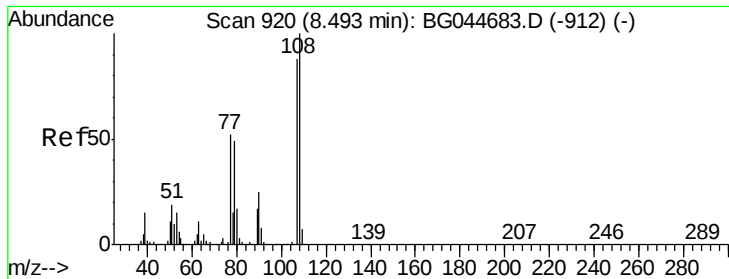
mohammad  
3/6/2020 10:17:34 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 92.122 ng  
RT: 8.59 min Scan# 937  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 12.4  | 0.0   | 32.1  |
| 79      | 10.5  | 0.0   | 29.9  |





#17

2-Methylphenol

Concen: 70.493 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

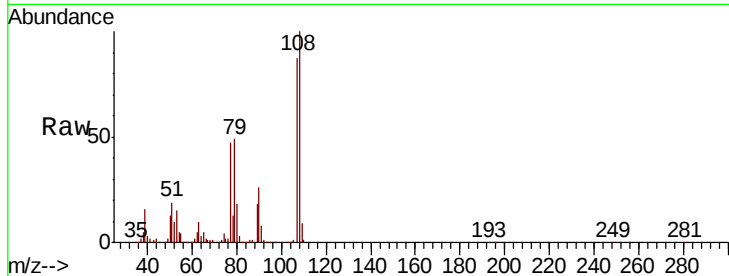
ClientSampled :

SSTDIC060

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 114.7 | 90.5 | 135.7 |       |
| 77      | 53.9  | 47.3 | 70.9  |       |
| 79      | 55.6  | 44.6 | 67.0  |       |

Manual Integrations  
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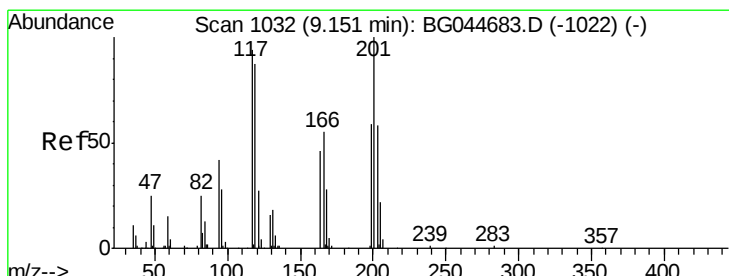
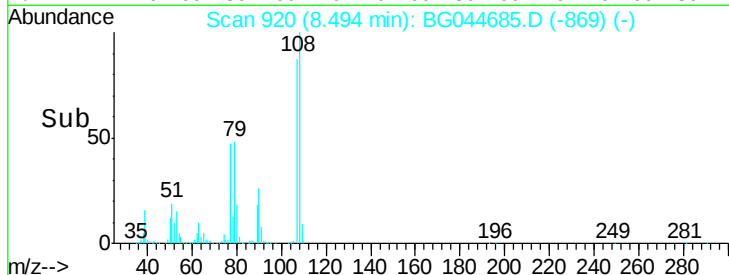
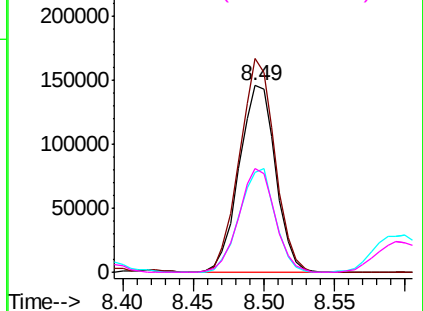
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 65.469 ng

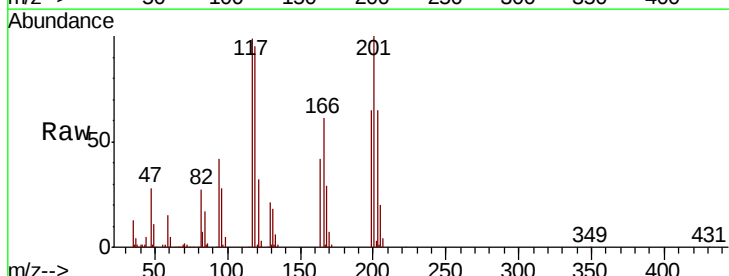
RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.9  | 74.5 | 111.7 |       |
| 201     | 100.5 | 85.5 | 128.3 |       |

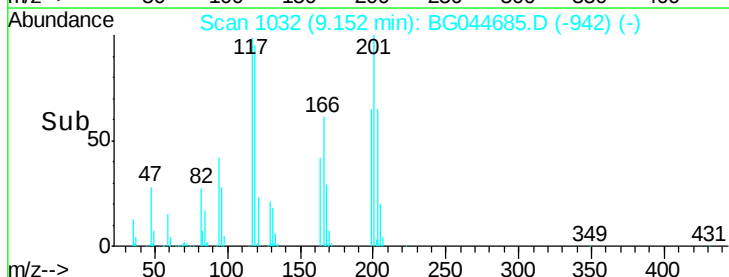
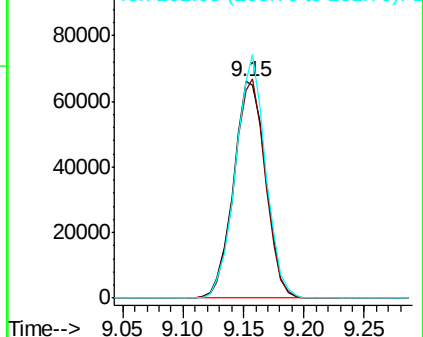


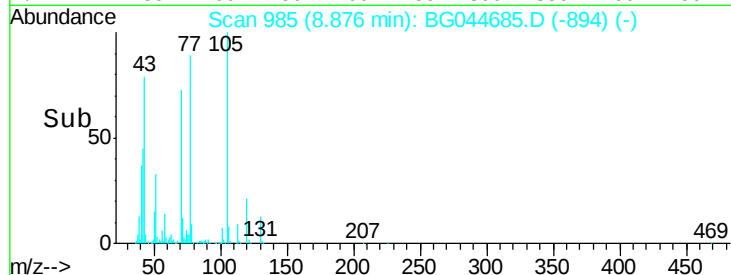
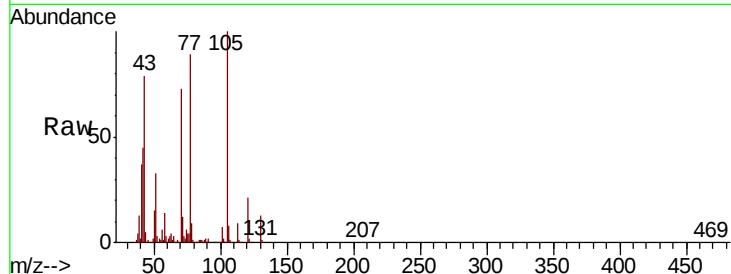
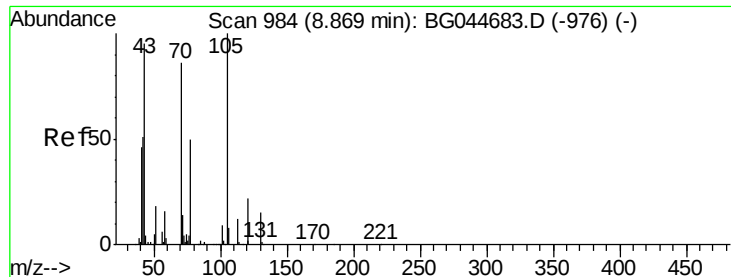
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





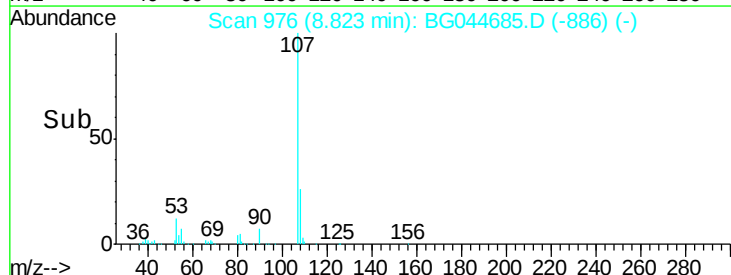
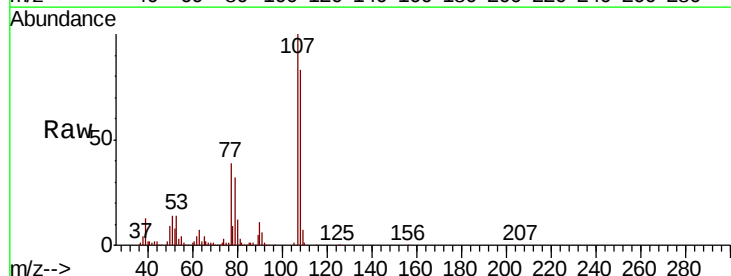
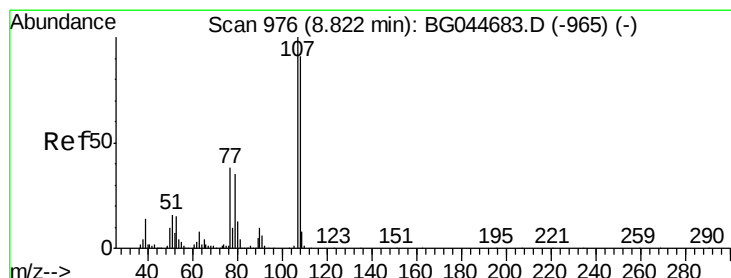
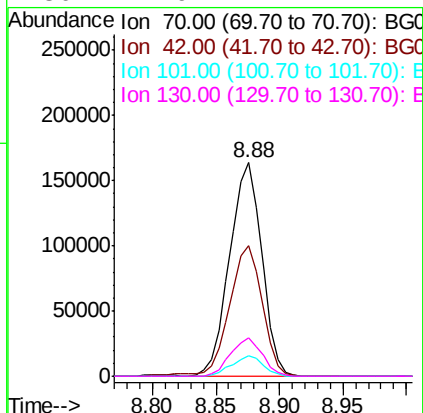
#19  
n-Nitroso-di-n-propylamine  
Concen: 82.824 ng  
RT: 8.88 min Scan# 985  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

Manual Integrations  
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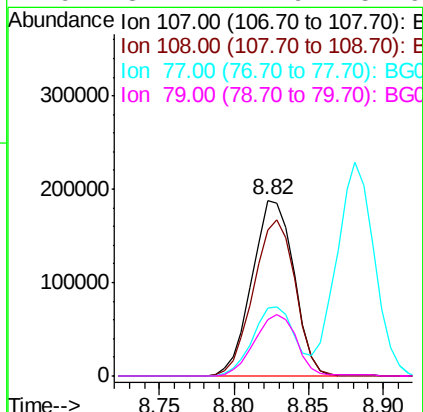
mohammad  
3/6/2020 10:17:34 PM

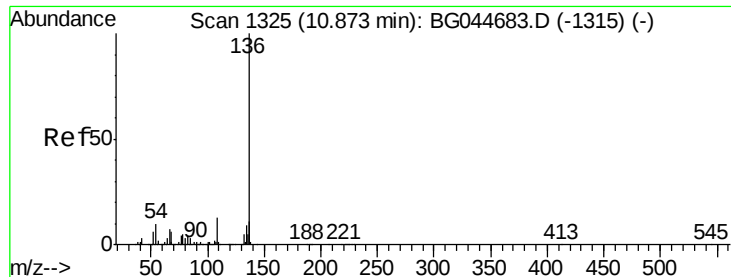
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 61.3 | 48.9  | 73.3  |       |
| 101     | 9.7  | 8.0   | 12.0  |       |
| 130     | 17.9 | 14.1  | 21.1  |       |



#20  
3+4-Methylphenols  
Concen: 71.470 ng  
RT: 8.82 min Scan# 976  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 83.2 | 70.8  | 110.8 |       |
| 77      | 38.5 | 17.8  | 57.8  |       |
| 79      | 31.7 | 14.9  | 54.9  |       |





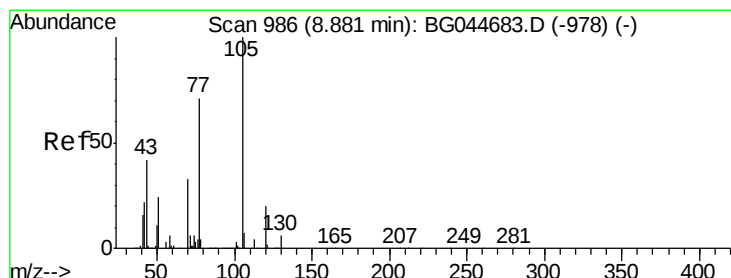
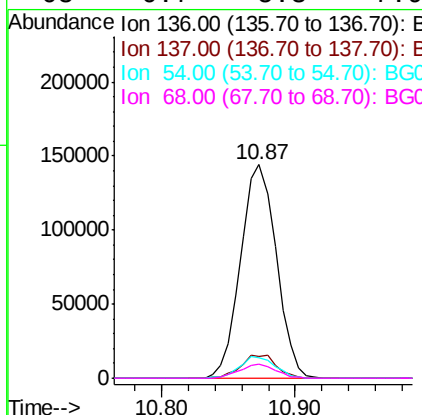
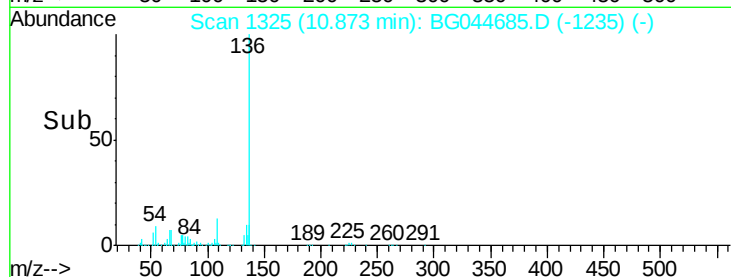
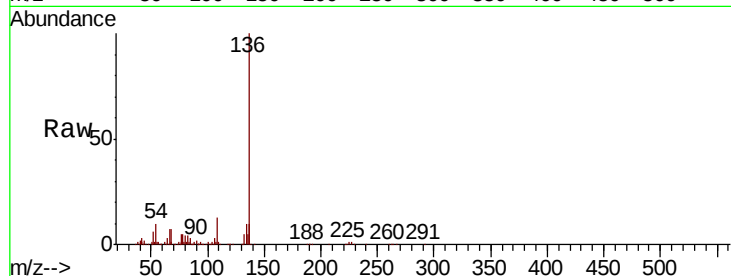
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 267318 |       |       |
| 137     | 10.2  |        | 8.6   | 12.8  |
| 54      | 9.6   |        | 8.2   | 12.4  |
| 68      | 6.7   |        | 5.3   | 7.9   |

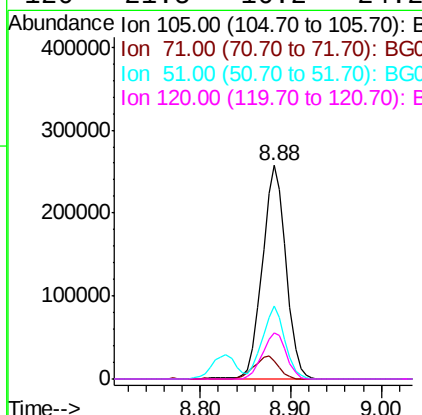
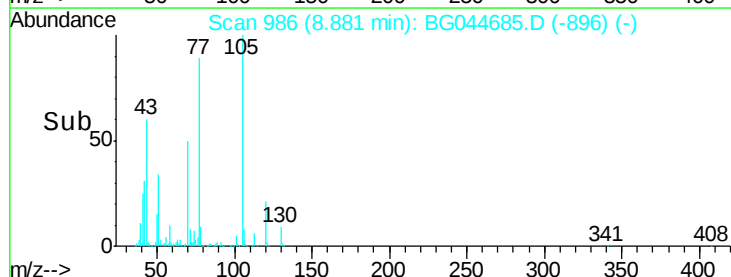
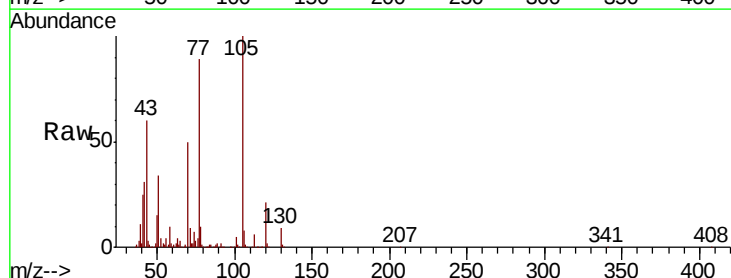
Manual Integrations  
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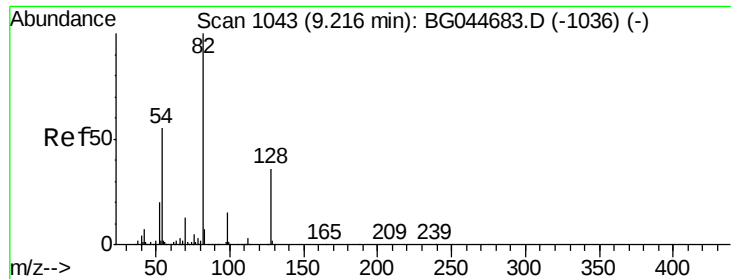
mohammad  
3/6/2020 10:17:34 PM



#22  
Acetophenone  
Concen: 69.404 ng  
RT: 8.88 min Scan# 986  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 465804 |       |       |
| 71      | 8.5   |        | 4.8   | 7.2#  |
| 51      | 33.9  |        | 24.0  | 36.0  |
| 120     | 21.5  |        | 16.2  | 24.2  |





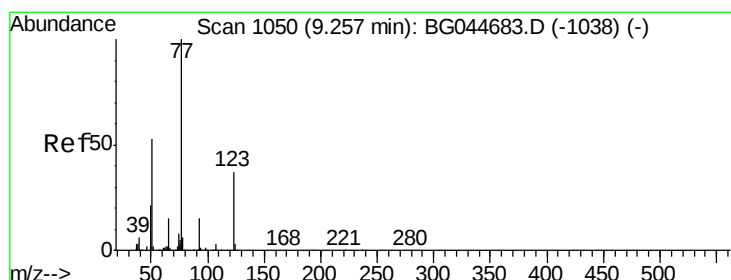
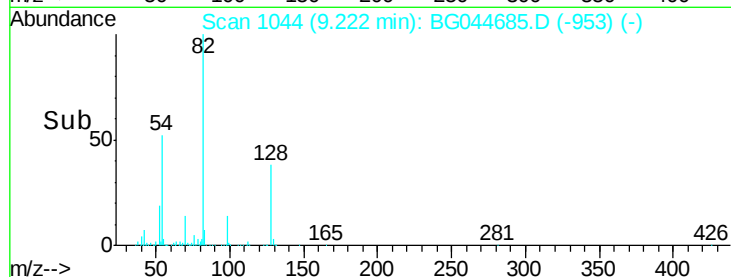
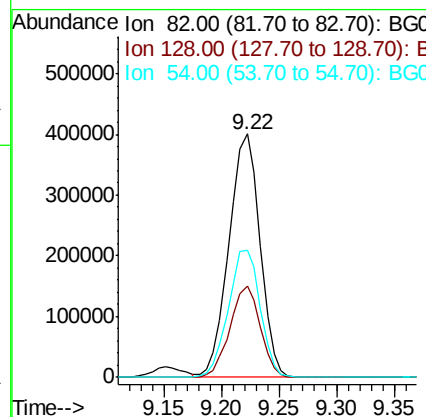
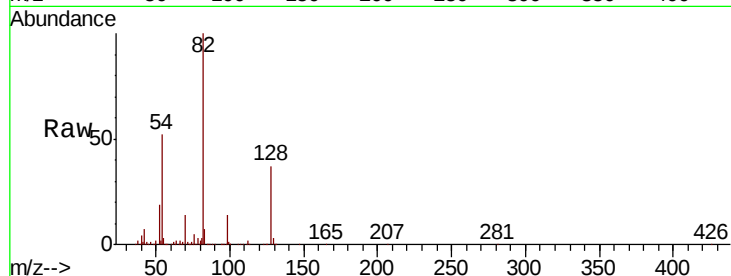
#23  
 Nitrobenzene-d5  
 Concen: 144.018 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. 0.01 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 37.5  | 28.5  | 42.7  |
| 54      | 52.4  | 43.6  | 65.4  |

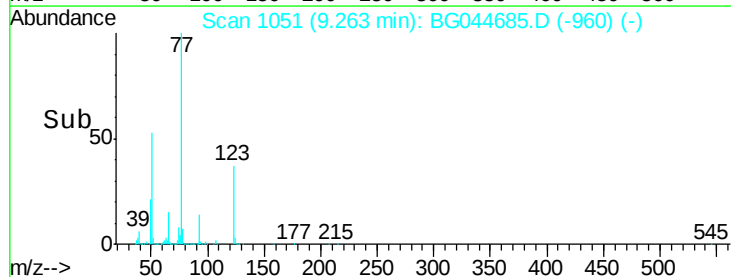
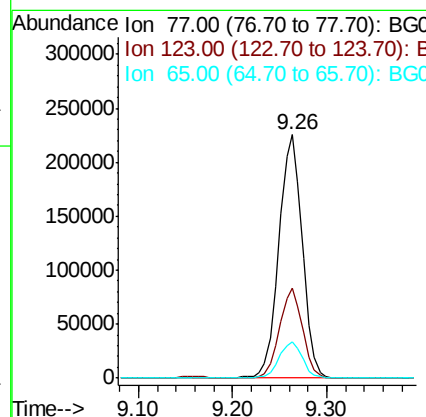
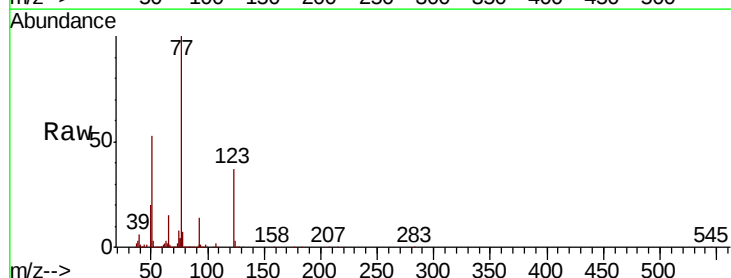
Manual Integrations  
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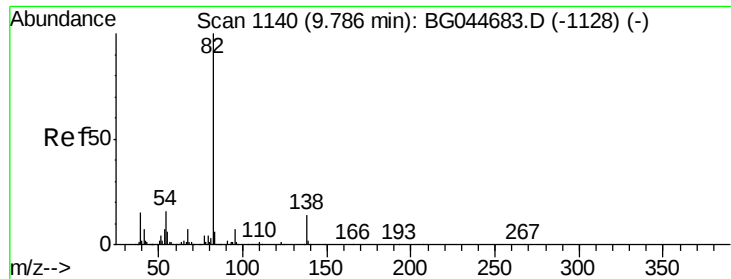
mohammad  
 3/6/2020 10:17:34 PM



#24  
 Nitrobenzene  
 Concen: 77.194 ng  
 RT: 9.26 min Scan# 1051  
 Delta R.T. 0.01 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 36.7  | 29.7  | 44.5  |
| 65      | 14.7  | 11.7  | 17.5  |





#25

Isophorone

Concen: 79.127 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

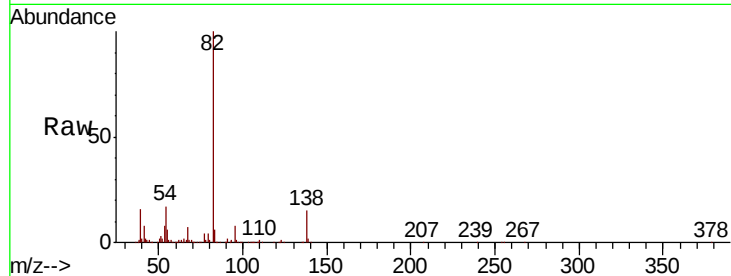
ClientSampleId :

SSTDICC060

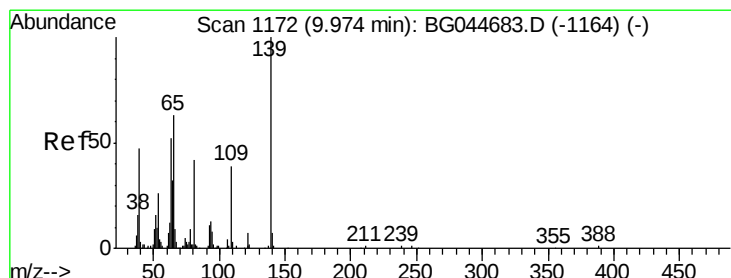
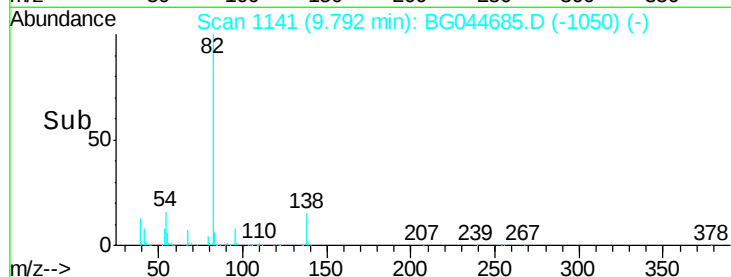
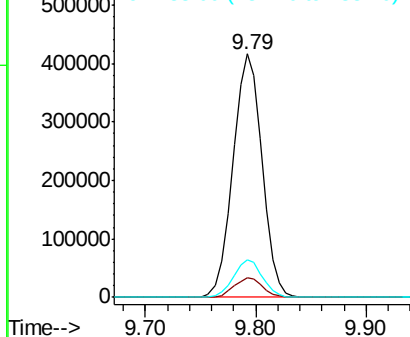
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 768071 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.9   | 6.0   | 9.0    |
| 138       | 15.3  | 11.2  | 16.8   |

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



#26

2-Nitrophenol

Concen: 49.596 ng

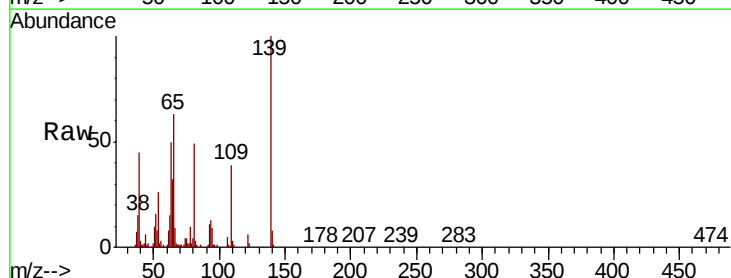
RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

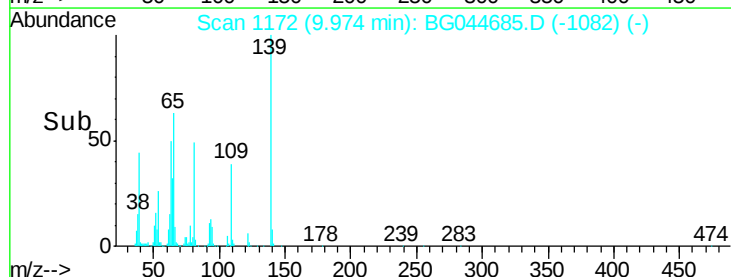
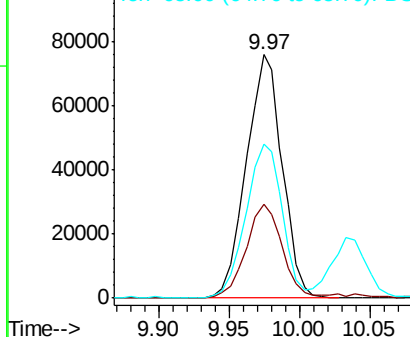
Lab File: BG044685.D

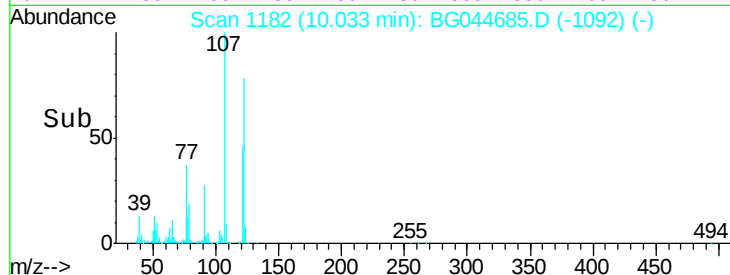
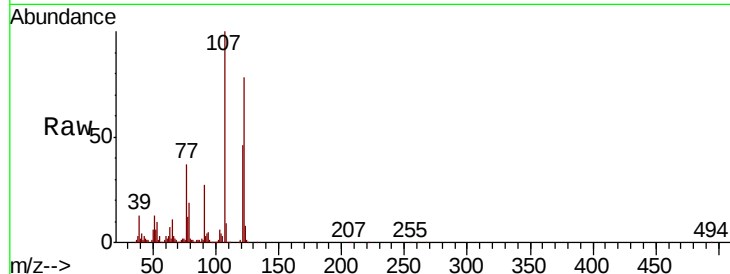
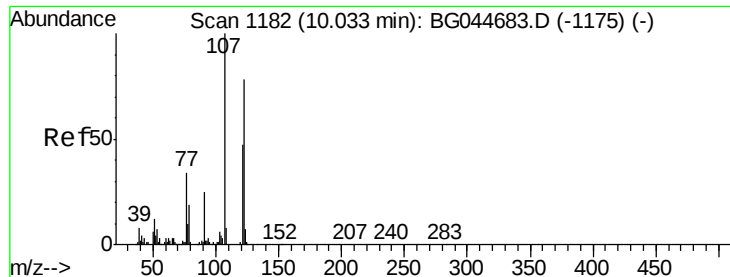
Acq: 5 Mar 2020 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 135213 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 38.5  | 31.1  | 46.7   |
| 65        | 63.1  | 50.2  | 75.4   |



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





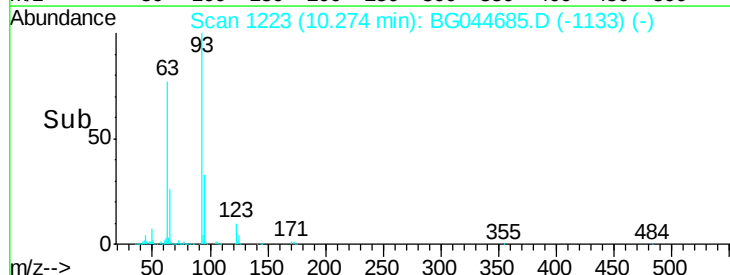
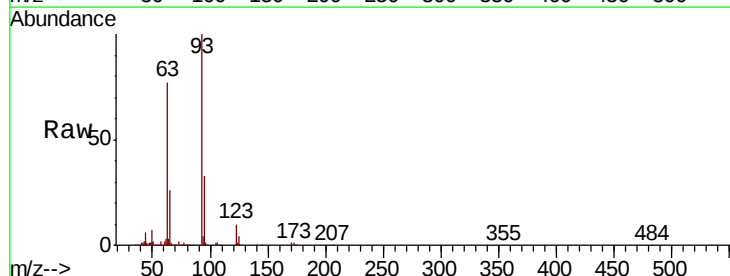
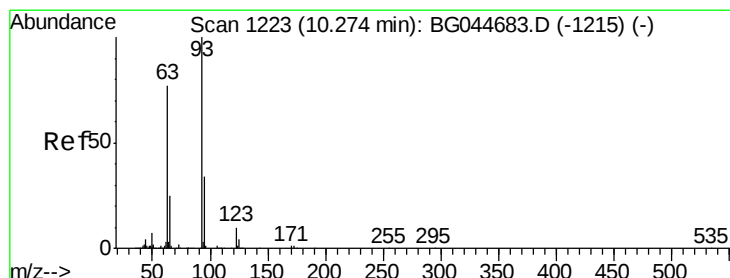
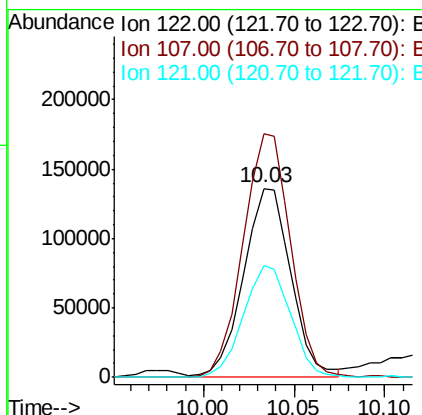
#27  
2,4-Dimethylphenol  
Concen: 64.263 ng  
RT: 10.03 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 129.0 | 101.7 | 152.5 |
| 121     | 59.3  | 47.5  | 71.3  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

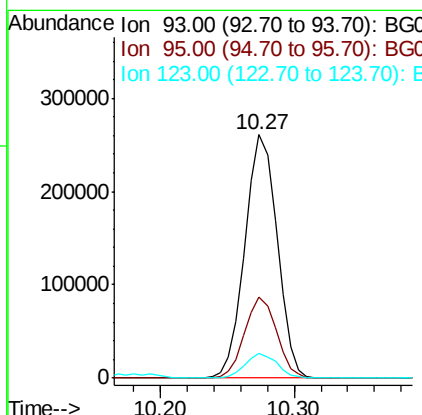
Manual Integrations  
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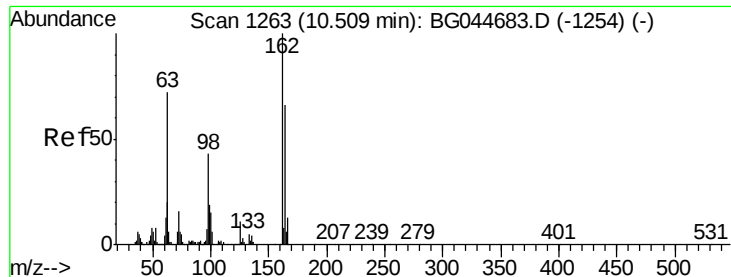
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 68.022 ng  
RT: 10.27 min Scan# 1223  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.5  | 27.0  | 40.6  |
| 123     | 10.2  | 8.3   | 12.5  |





#29

2,4-Dichlorophenol

Concen: 62.513 ng

RT: 10.51 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

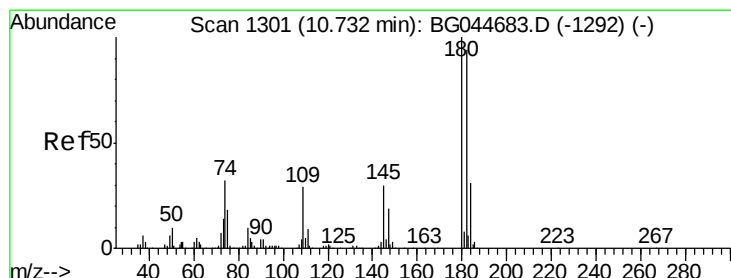
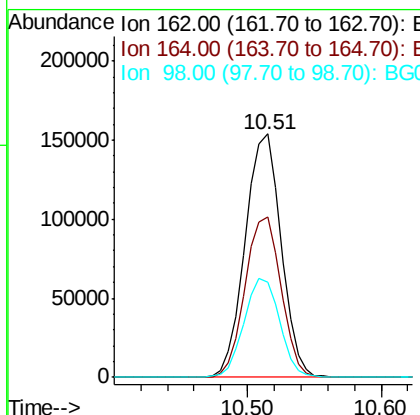
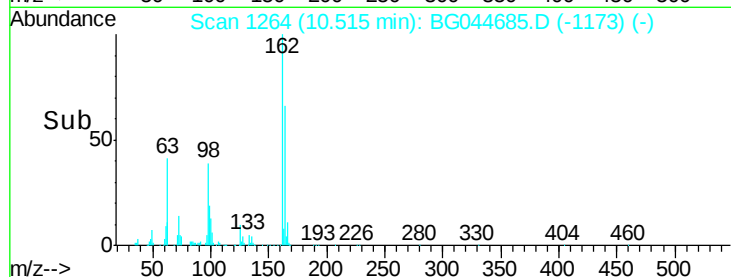
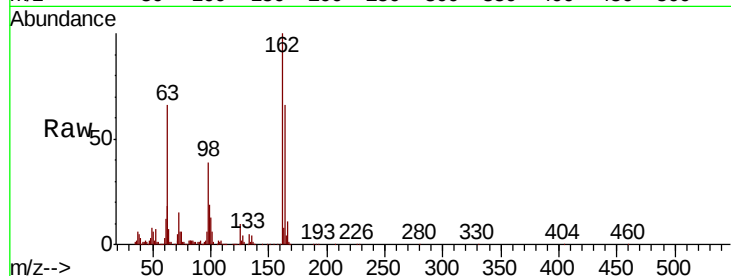
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 286087 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 65.7  | 46.1  | 86.1   |
| 98        | 39.2  | 22.8  | 62.8   |

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#30

1,2,4-Trichlorobenzene

Concen: 61.256 ng

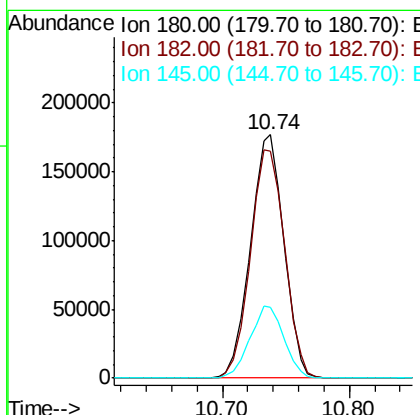
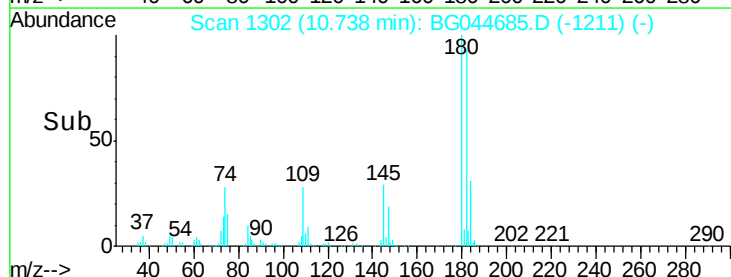
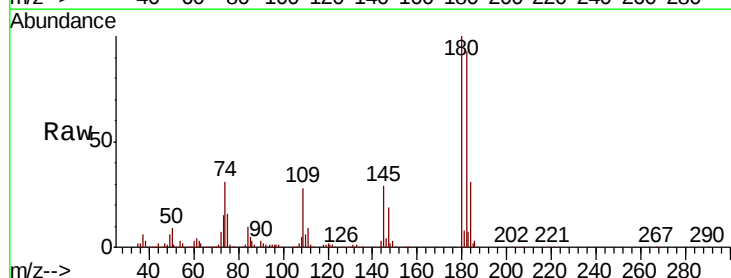
RT: 10.74 min Scan# 1302

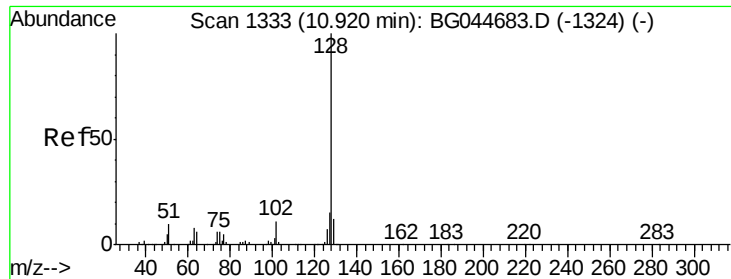
Delta R.T. 0.01 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 324212 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.3  | 75.1  | 112.7  |
| 145       | 29.1  | 23.8  | 35.8   |





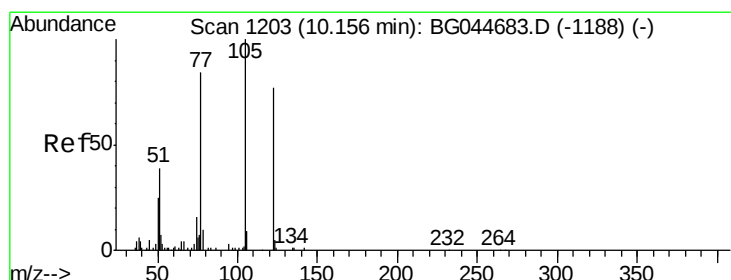
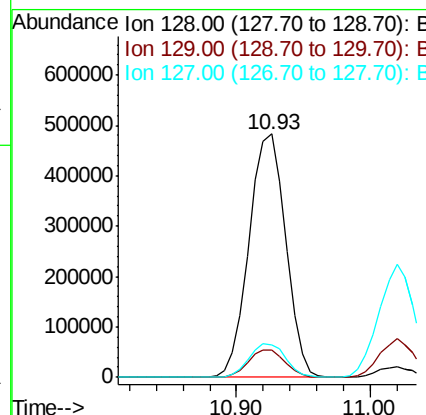
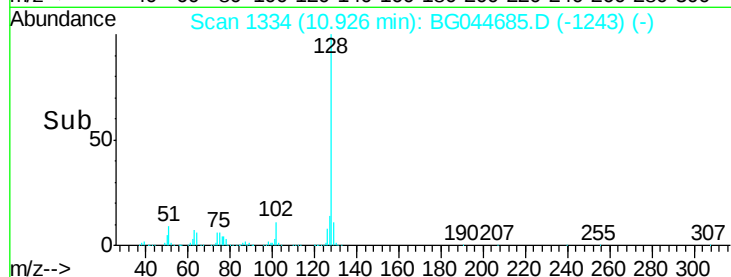
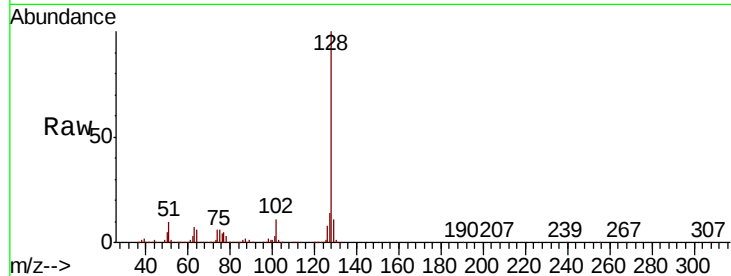
#31  
Naphthalene  
Concen: 62.818 ng  
RT: 10.93 min Scan# 1334  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 9.7   | 14.5  |
| 127     | 13.5  | 11.6  | 17.4  |

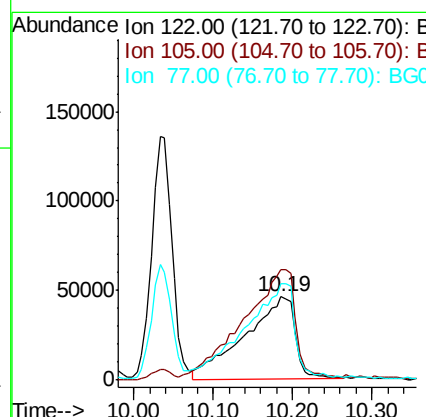
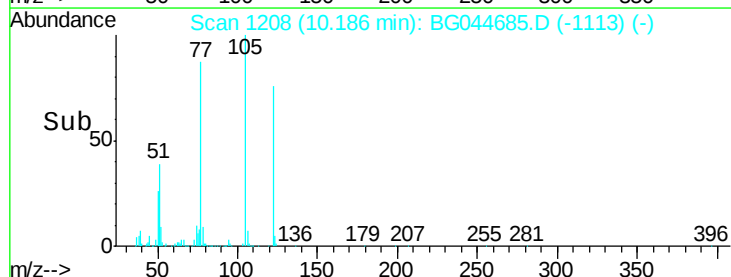
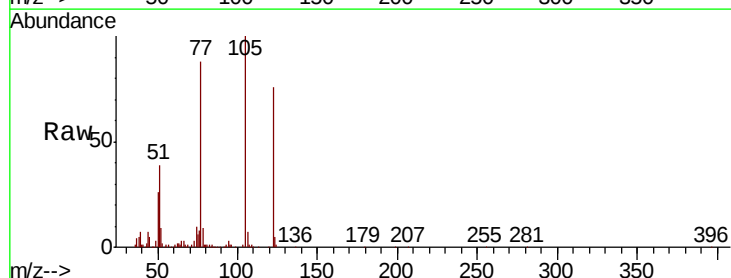
Manual Integrations  
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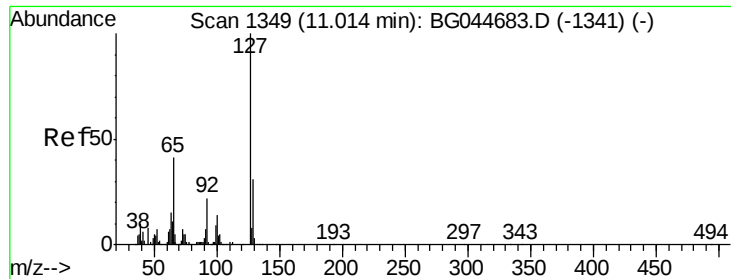
mohammad  
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#32  
Benzoic acid  
Concen: 136.177 ng  
RT: 10.19 min Scan# 1208  
Delta R.T. 0.03 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 132.3 | 105.1 | 145.1 |
| 77      | 115.8 | 87.7  | 127.7 |





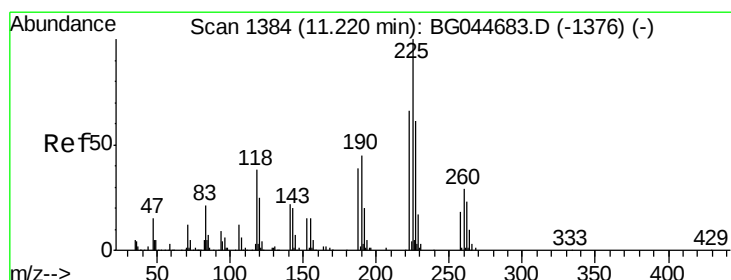
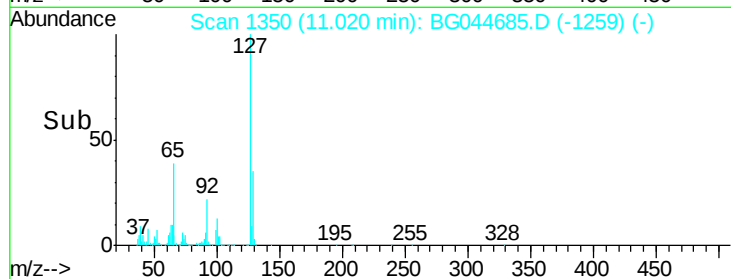
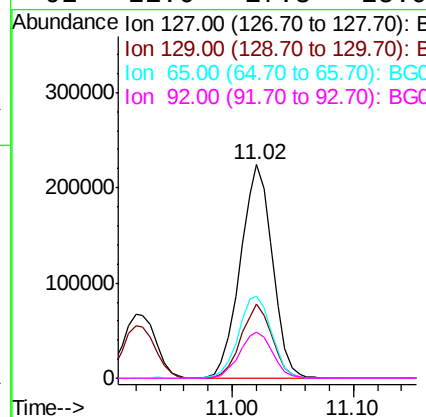
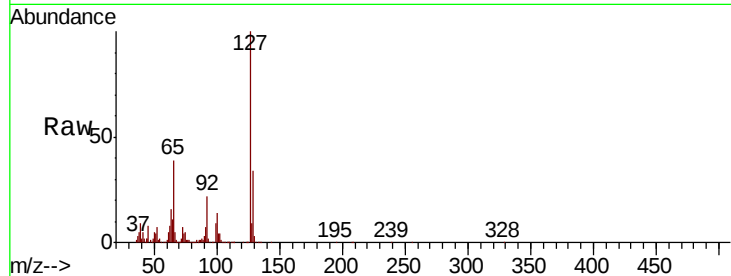
#33  
4-Chloroaniline  
Concen: 64.399 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 413737 |       |       |
| 129     | 34.5 | 25.0  | 37.4   |       |       |
| 65      | 38.6 | 32.7  | 49.1   |       |       |
| 92      | 21.6 | 17.3  | 25.9   |       |       |

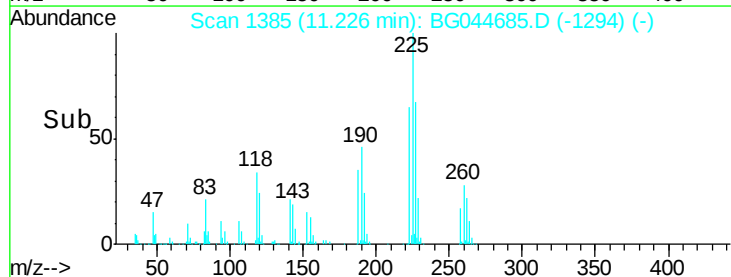
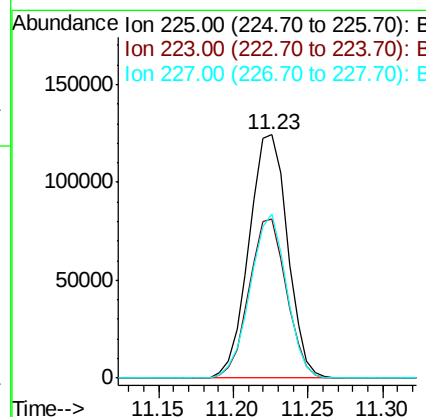
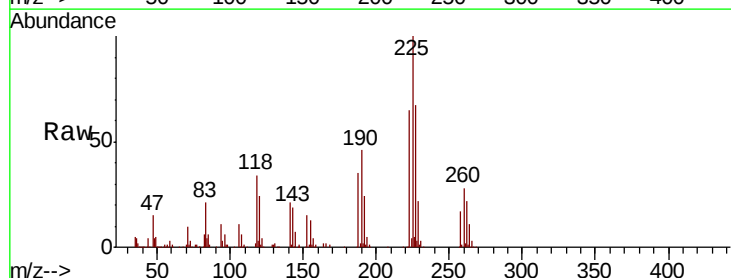
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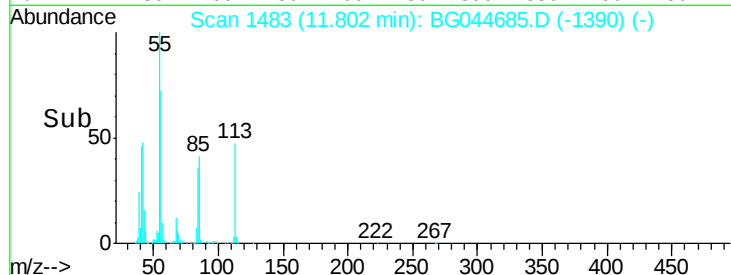
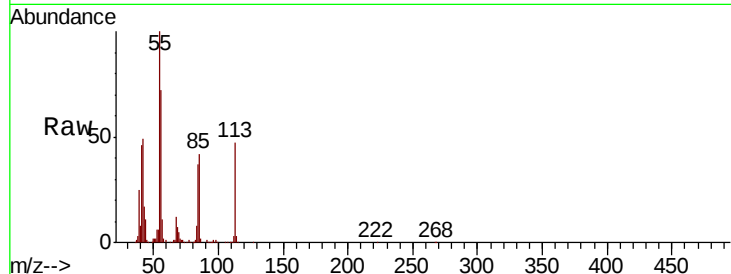
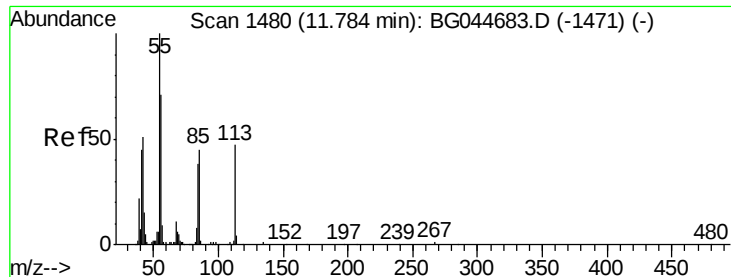
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 66.674 ng  
RT: 11.23 min Scan# 1385  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 221613 |       |       |
| 223     | 65.2 | 52.4  | 78.6   |       |       |
| 227     | 67.4 | 48.7  | 73.1   |       |       |





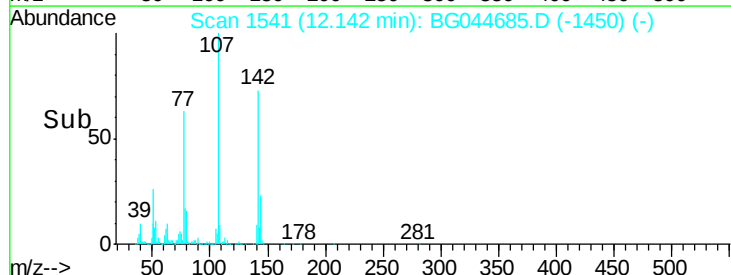
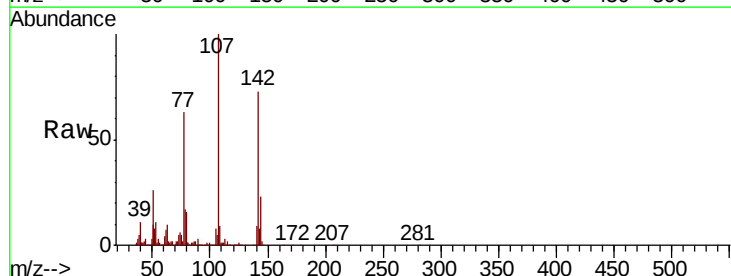
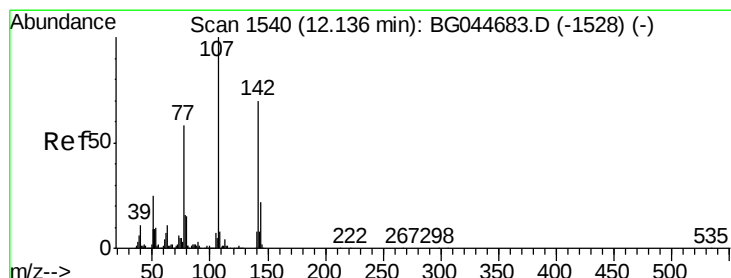
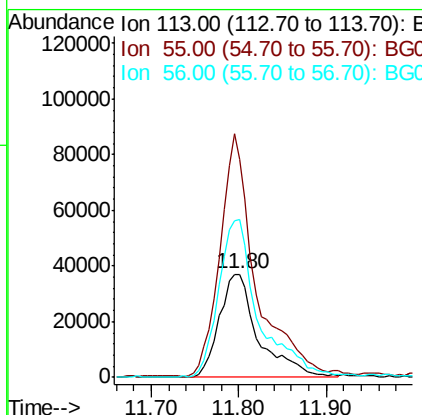
#35  
 Caprolactam  
 Concen: 69.900 ng  
 RT: 11.80 min Scan# 1483  
 Delta R.T. 0.02 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 210.9 | 194.3 | 234.3 |
| 56      | 152.7 | 131.4 | 171.4 |

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

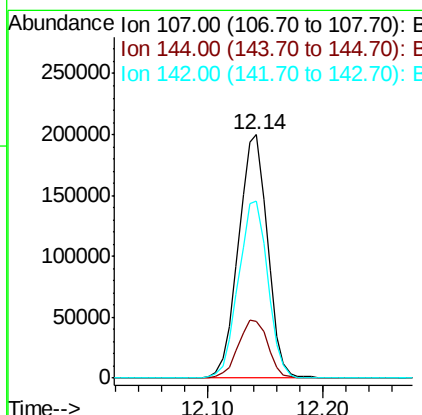
Manual Integrations  
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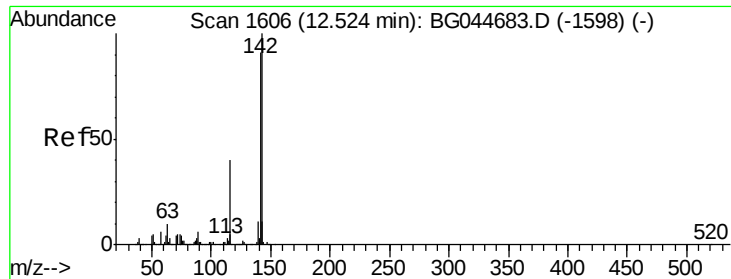
mohammad  
 3/6/2020 10:17:34 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 74.089 ng  
 RT: 12.14 min Scan# 1541  
 Delta R.T. 0.01 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.2  | 17.9  | 26.9  |
| 142     | 72.7  | 55.8  | 83.8  |





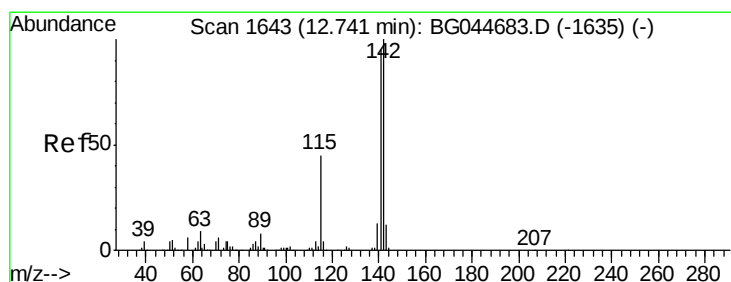
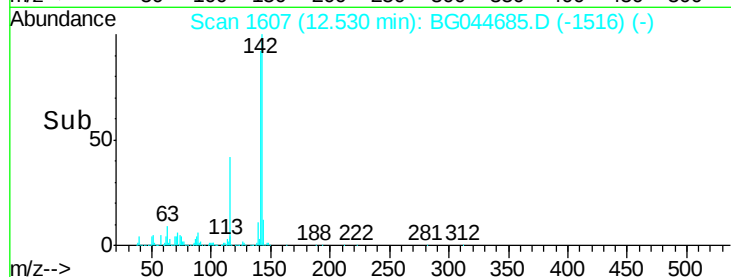
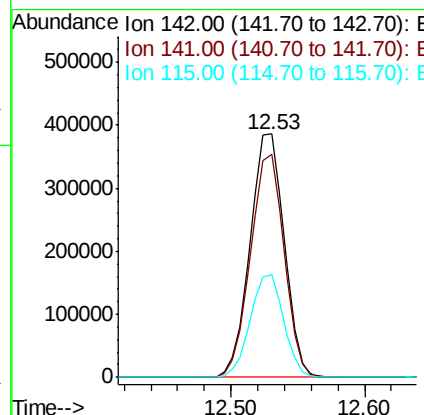
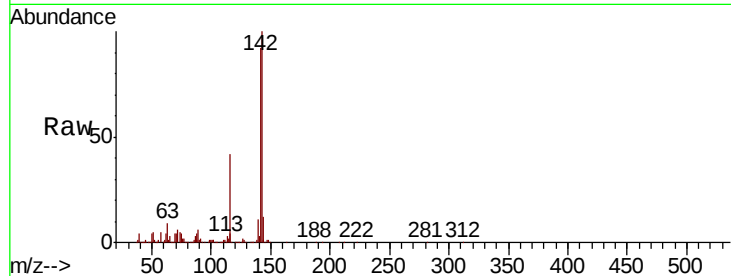
#37  
2-Methylnaphthalene  
Concen: 63.139 ng  
RT: 12.53 min Scan# 1607  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.7  | 72.9  | 109.3 |
| 115     | 42.4  | 32.3  | 48.5  |

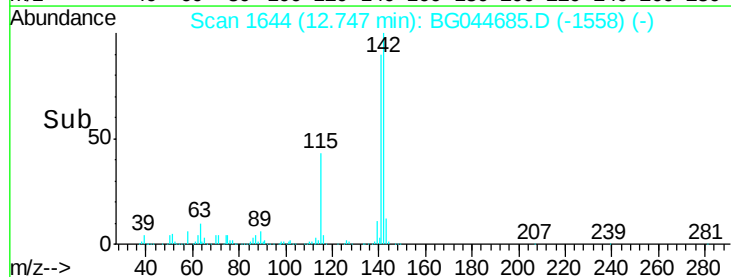
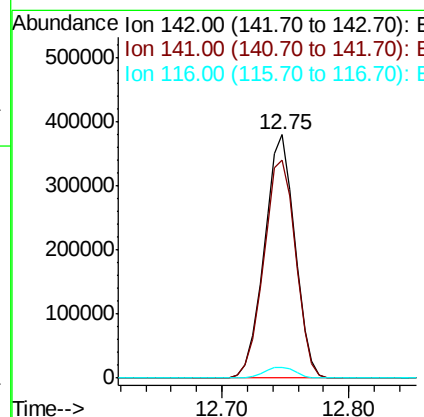
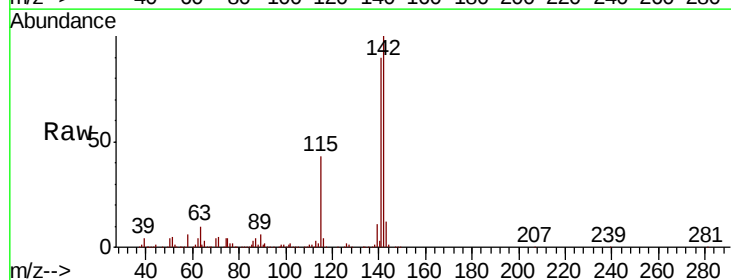
Manual Integrations  
APPROVED

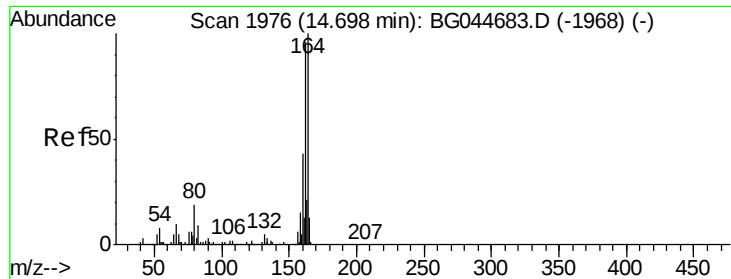
mohammad  
3/6/2020 10:17:34 PM



#38  
1-Methylnaphthalene  
Concen: 62.262 ng  
RT: 12.75 min Scan# 1644  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.7  | 76.2  | 114.2 |
| 116     | 4.5   | 3.4   | 5.0   |





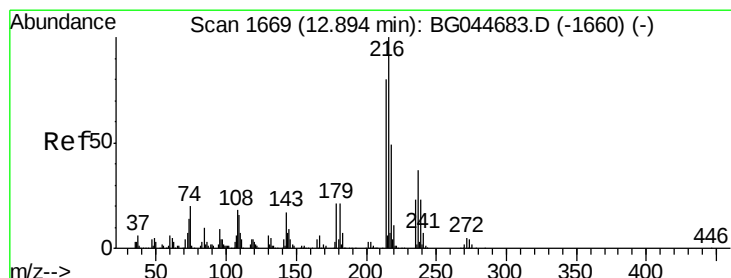
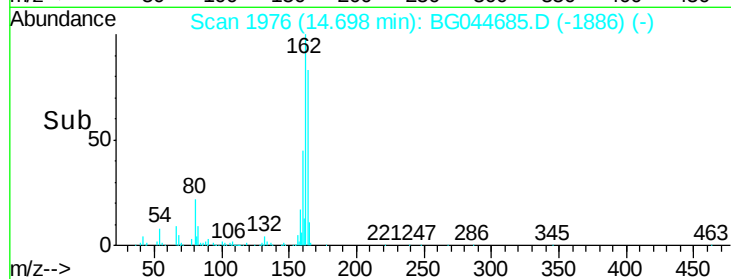
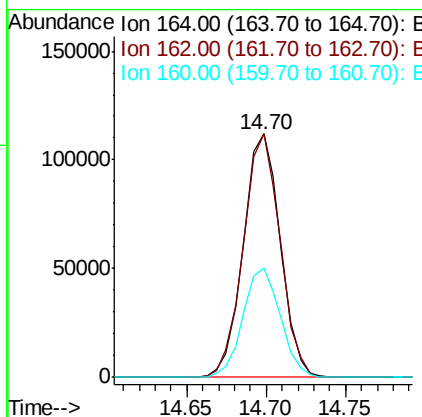
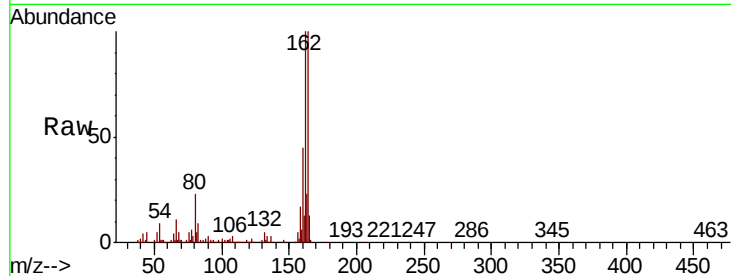
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.70 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.9  | 76.5  | 114.7 |
| 160     | 44.8  | 34.8  | 52.2  |

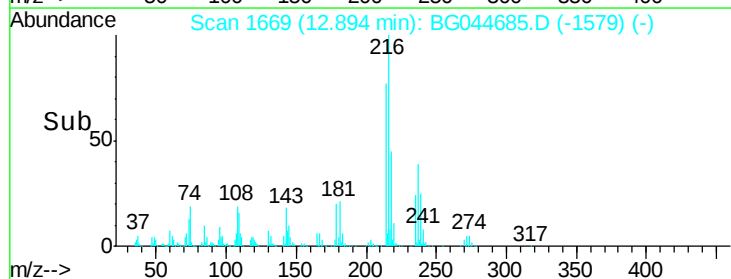
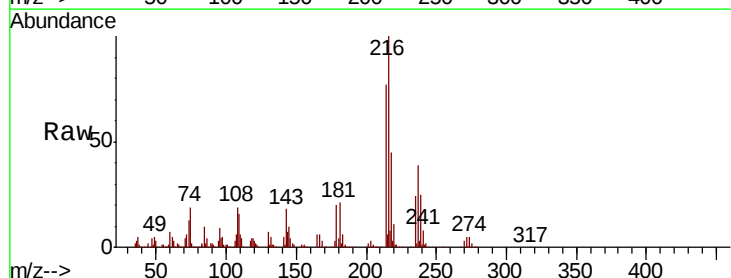
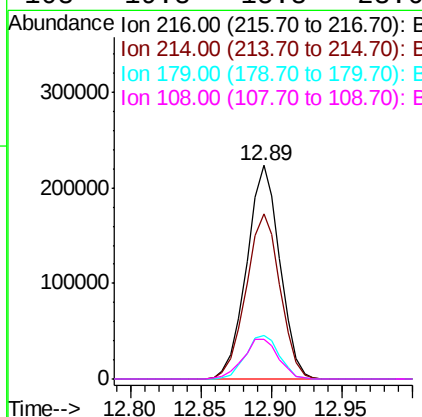
Manual Integrations  
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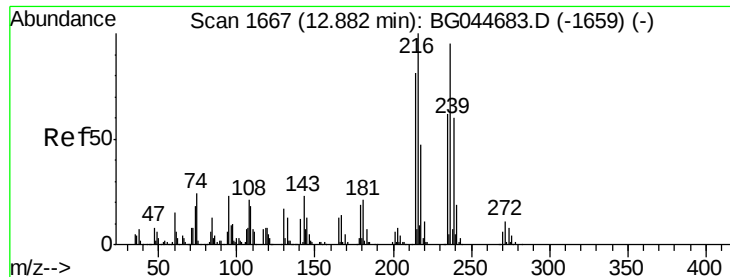
mohammad  
3/6/2020 10:17:34 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 60.283 ng  
RT: 12.89 min Scan# 1669  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.3  | 64.5  | 96.7  |
| 179     | 21.0  | 16.7  | 25.1  |
| 108     | 19.8  | 15.8  | 23.6  |





#41

Hexachlorocyclopentadiene

Concen: 91.780 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

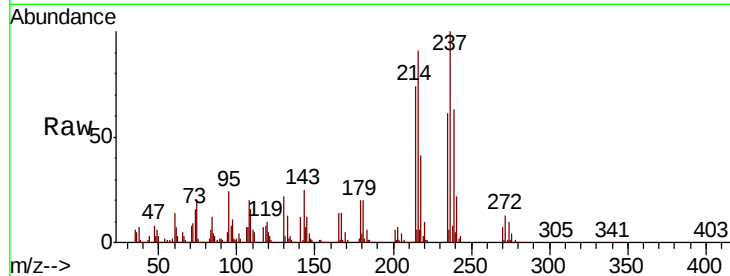
ClientSampleId :

SSTDIC060

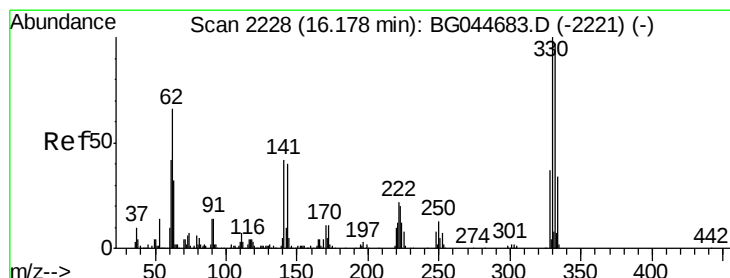
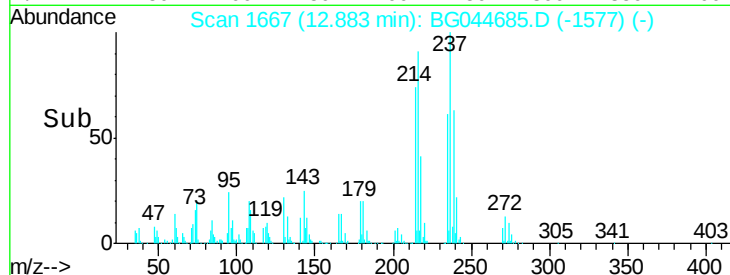
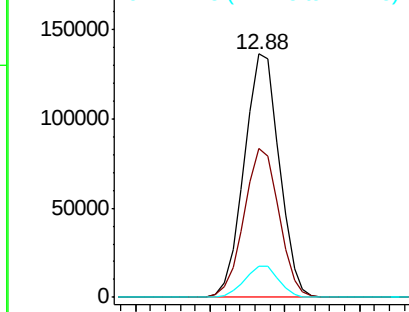
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 220775 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.1  | 44.7  | 84.7   |
| 272       | 12.8  | 0.0   | 31.7   |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 124.083 ng

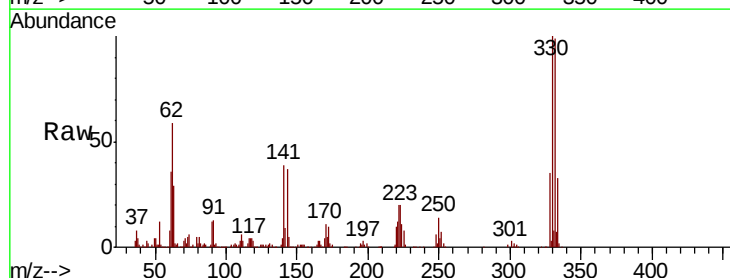
RT: 16.18 min Scan# 2229

Delta R.T. 0.01 min

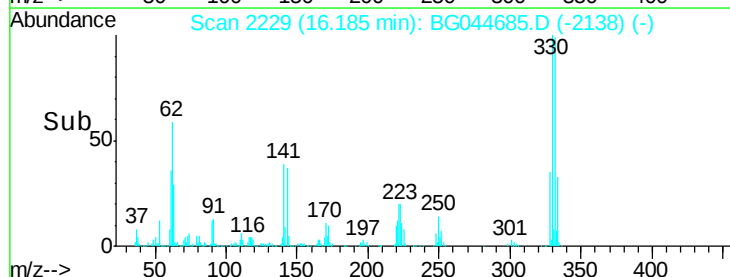
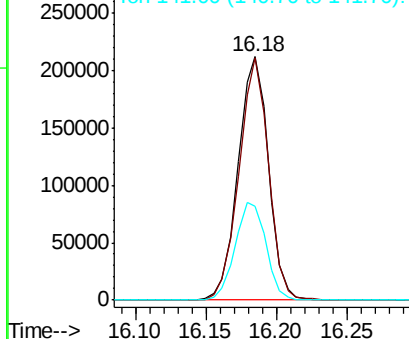
Lab File: BG044685.D

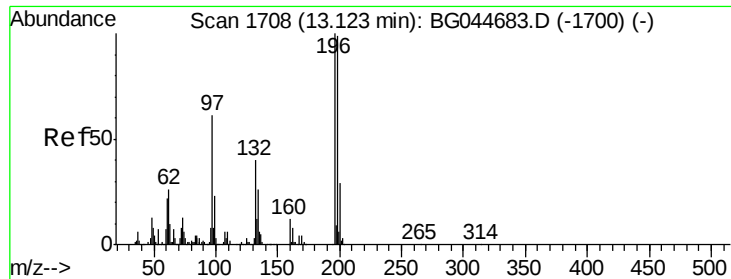
Acq: 5 Mar 2020 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 318676 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.5  | 77.0  | 115.6  |
| 141       | 40.8  | 32.4  | 48.6   |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





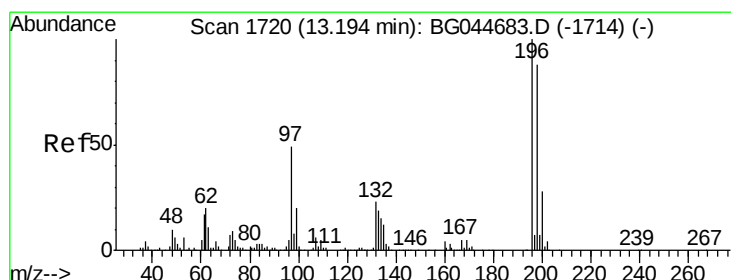
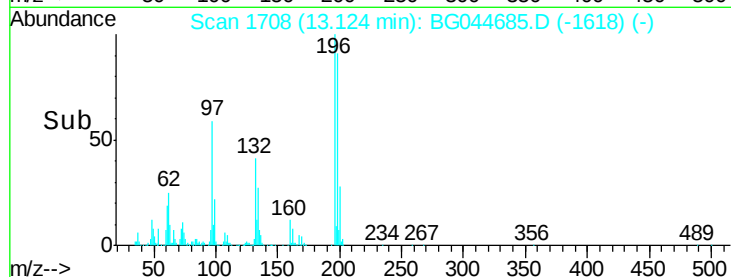
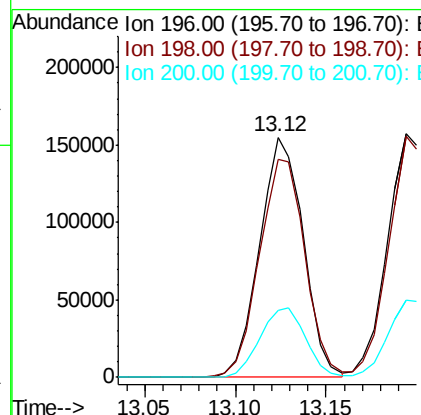
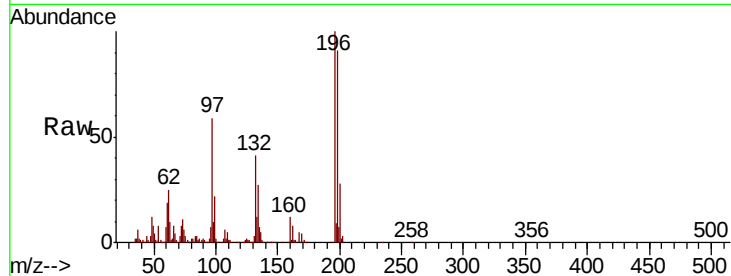
#43  
 2,4,6-Trichlorophenol  
 Concen: 65.351 ng  
 RT: 13.12 min Scan# 1708  
 Delta R.T. 0.00 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 258743 |       |       |
| 198     | 90.5  | 79.3   | 118.9 |       |
| 200     | 27.8  | 23.0   | 34.6  |       |

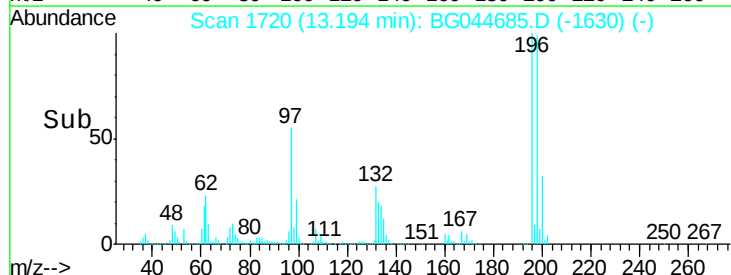
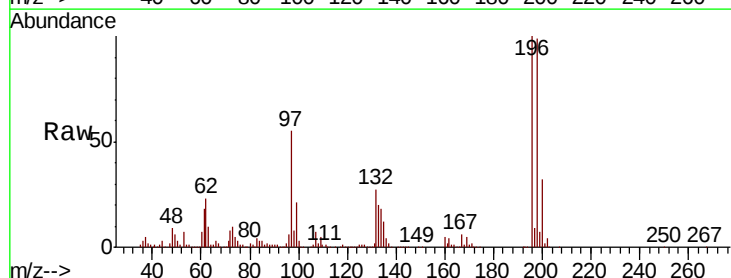
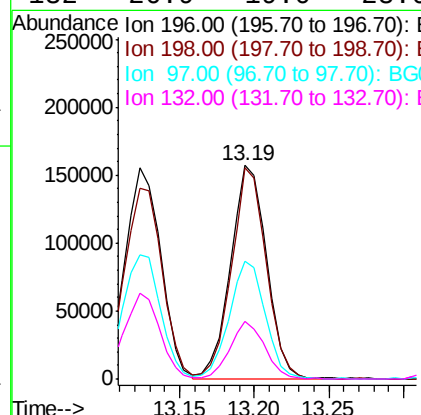
Manual Integrations  
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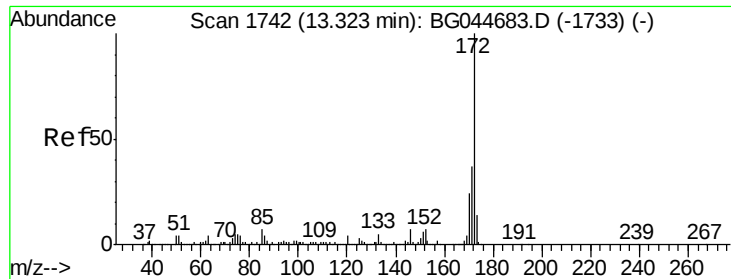
mohammad  
 3/6/2020 10:17:34 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 65.118 ng  
 RT: 13.19 min Scan# 1720  
 Delta R.T. 0.00 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 264846 |       |       |
| 198     | 98.8  | 70.7   | 106.1 |       |
| 97      | 55.3  | 39.4   | 59.2  |       |
| 132     | 26.9  | 19.0   | 28.6  |       |





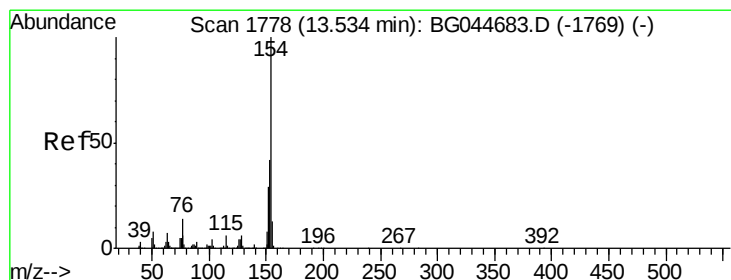
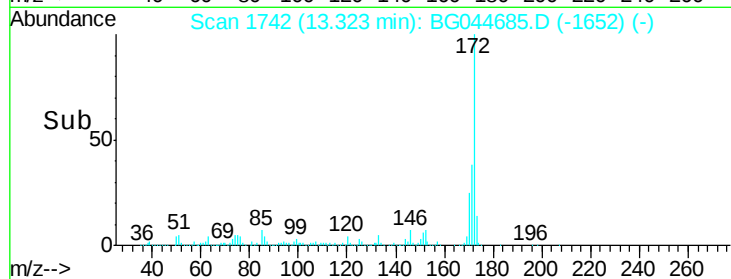
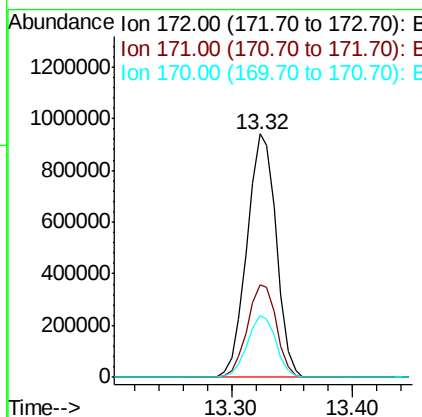
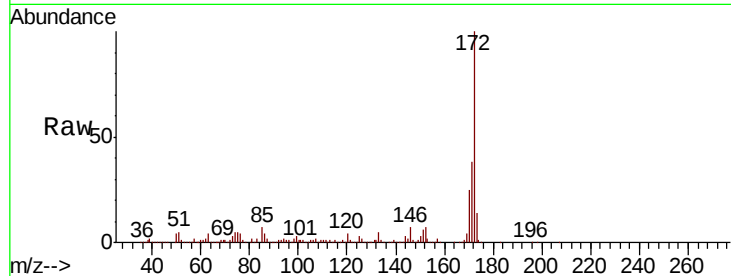
#45  
 2-Fluorobiphenyl  
 Concen: 125.369 ng  
 RT: 13.32 min Scan# 1742  
 Delta R.T. 0.00 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.3  | 29.8  | 44.8  |
| 170     | 25.3  | 19.3  | 28.9  |

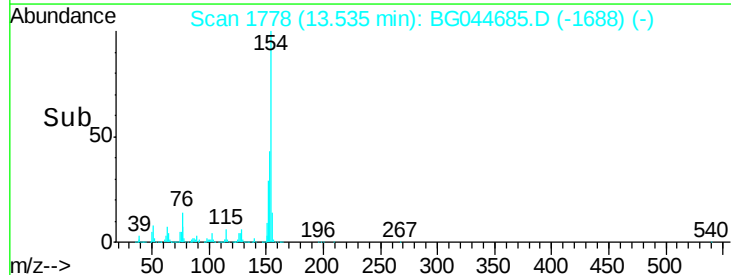
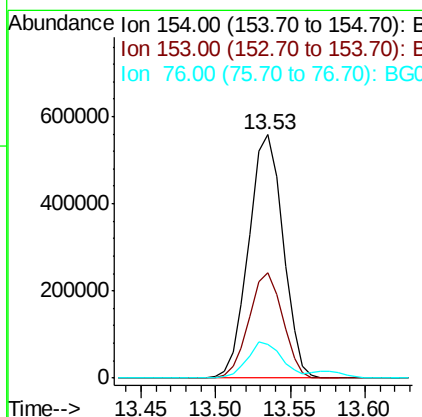
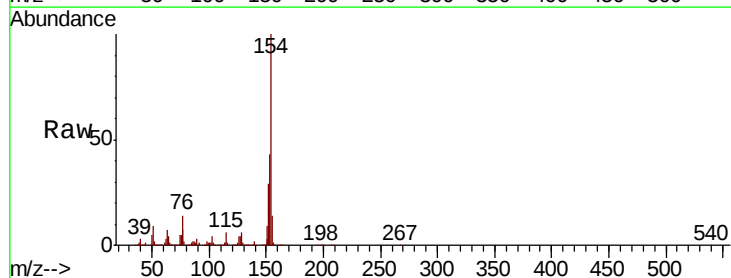
Manual Integrations  
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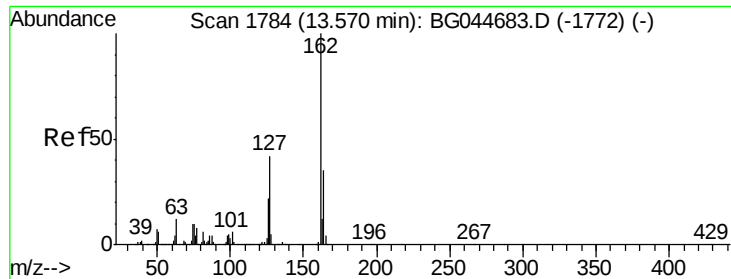
mohammad  
 3/6/2020 10:17:34 PM



#46  
 1,1'-Biphenyl  
 Concen: 59.282 ng  
 RT: 13.53 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.1  | 22.1  | 62.1  |
| 76      | 14.1  | 0.0   | 34.5  |





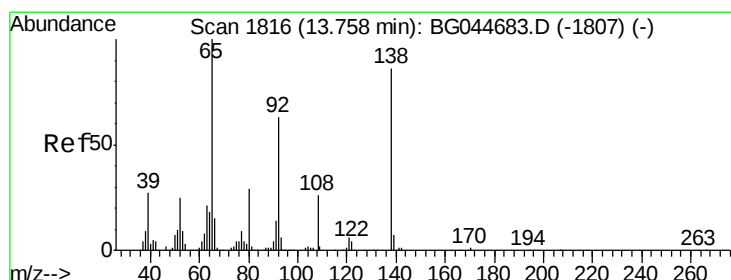
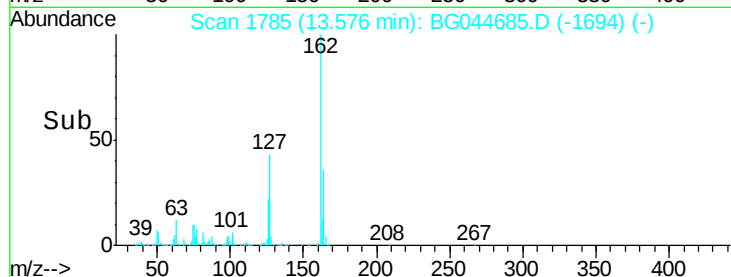
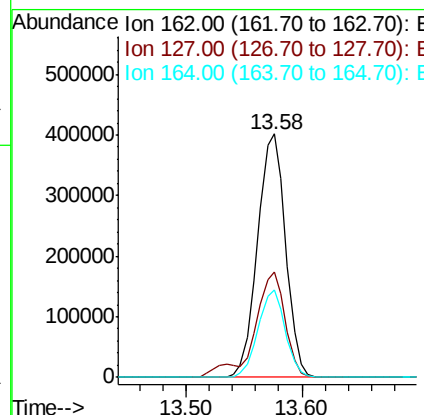
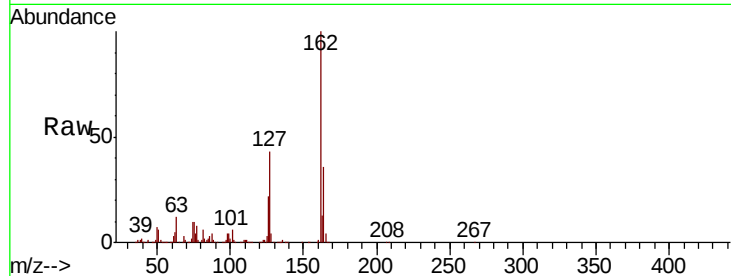
#47  
2-Chloronaphthalene  
Concen: 57.916 ng  
RT: 13.58 min Scan# 1785  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.3  | 33.9  | 50.9  |
| 164     | 35.9  | 28.3  | 42.5  |

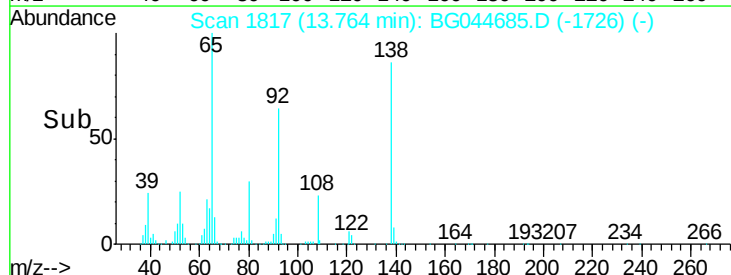
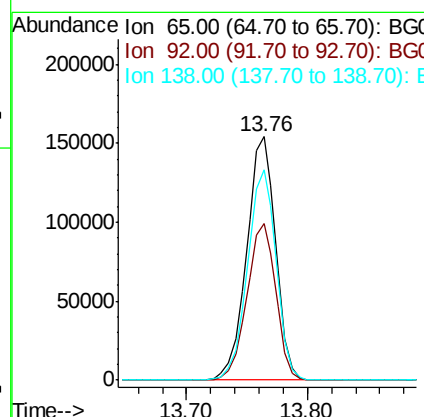
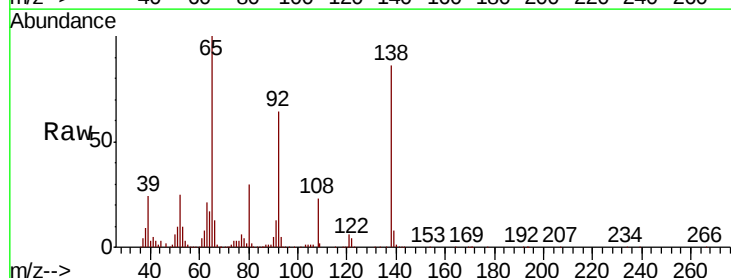
Manual Integrations  
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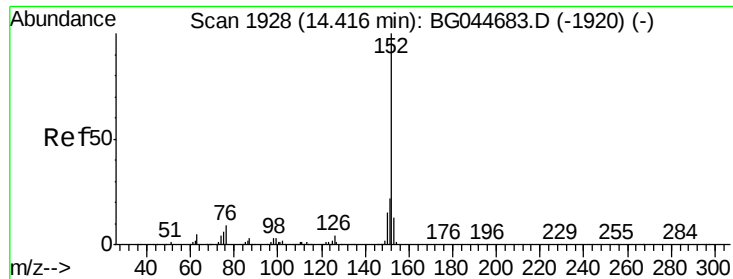
mohammad  
3/6/2020 10:17:34 PM



#48  
2-Nitroaniline  
Concen: 78.735 ng  
RT: 13.76 min Scan# 1817  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.4  | 50.6  | 75.8  |
| 138     | 86.2  | 68.8  | 103.2 |





#49

Acenaphthylene

Concen: 62.642 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

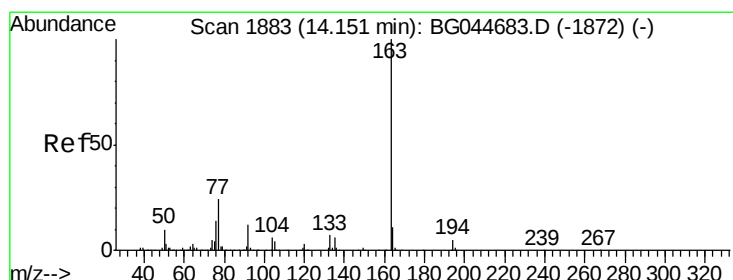
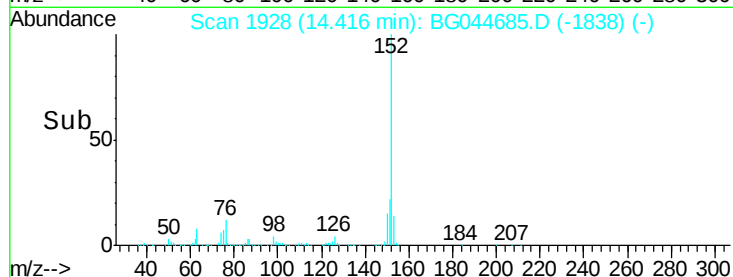
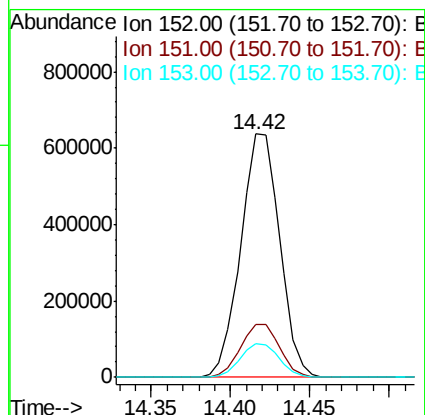
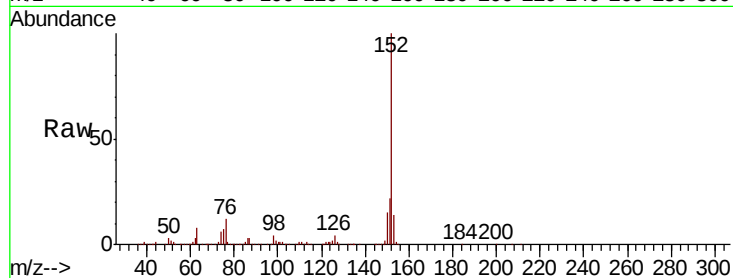
ClientSampleId :

SSTDICC060

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 152   | Resp: | 1086847 |
| Ion      | Ratio | Lower | Upper   |
| 152      | 100   |       |         |
| 151      | 21.6  | 17.6  | 26.4    |
| 153      | 13.6  | 10.7  | 16.1    |

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#50

Dimethylphthalate

Concen: 62.819 ng

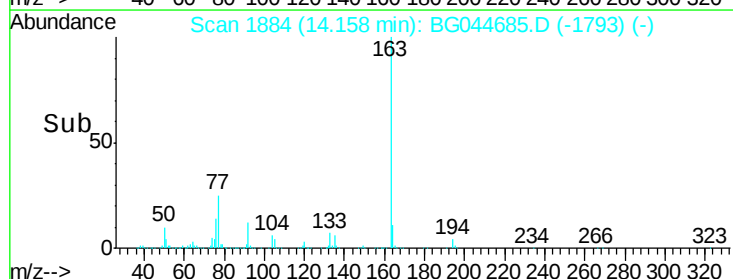
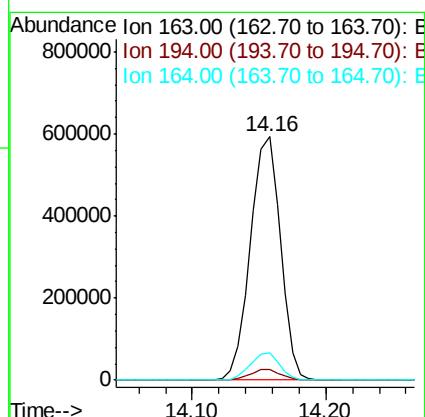
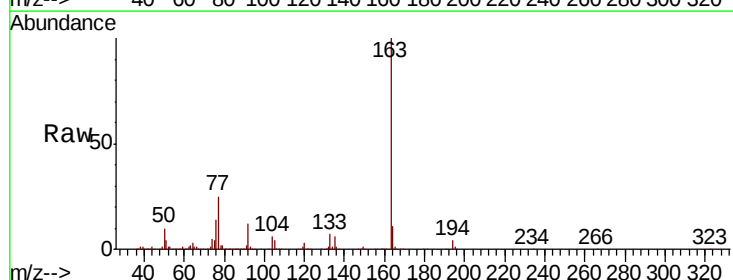
RT: 14.16 min Scan# 1884

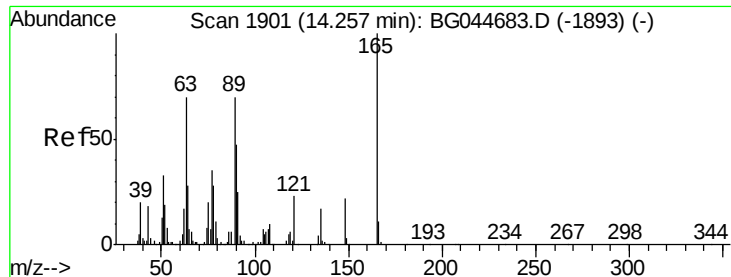
Delta R.T. 0.01 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 163   | Resp: | 918369 |
| Ion      | Ratio | Lower | Upper  |
| 163      | 100   |       |        |
| 194      | 4.4   | 3.7   | 5.5    |
| 164      | 11.0  | 8.6   | 12.8   |





#51

2,6-Dinitrotoluene

Concen: 56.420 ng

RT: 14.26 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tot Ion:165 Resp: 181912

Ion Ratio Lower Upper

165 100

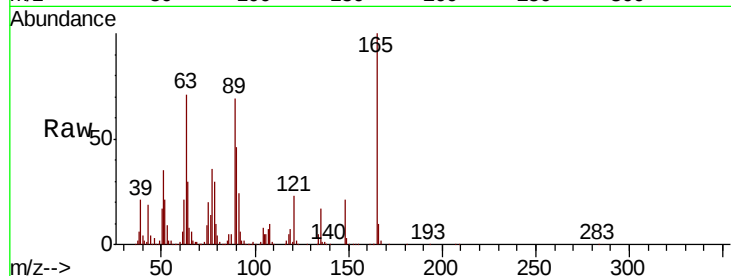
63 71.3 57.4 86.0

89 68.9 56.2 84.2

Manual Integrations  
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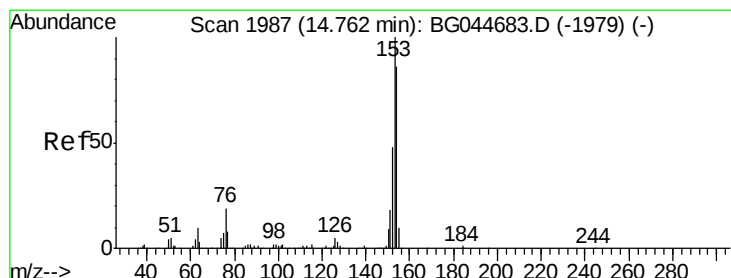
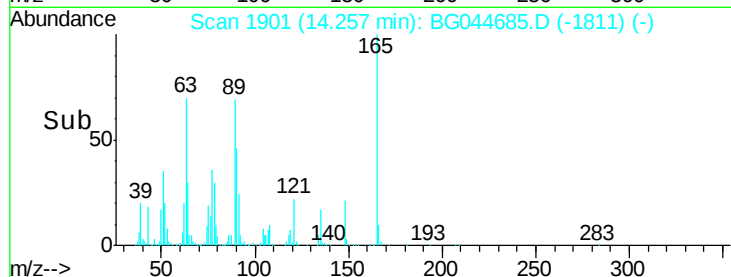
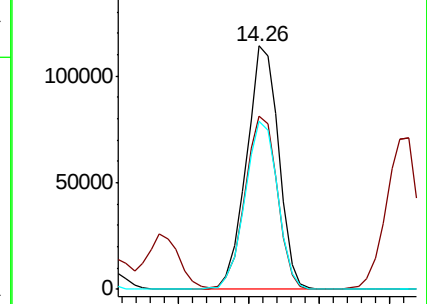
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 64.622 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

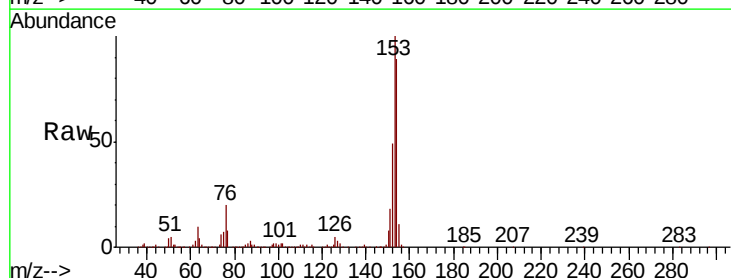
Tgt Ion:154 Resp: 714706

Ion Ratio Lower Upper

154 100

153 112.1 92.6 138.8

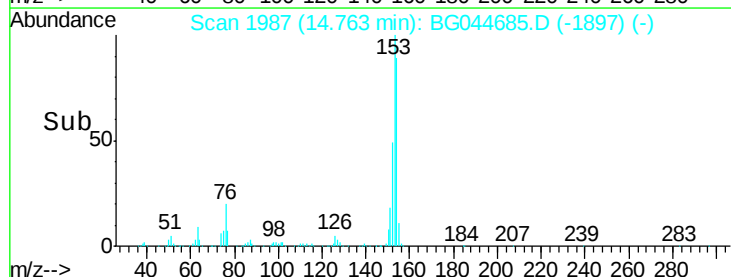
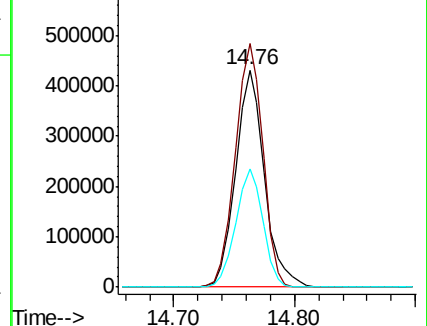
152 54.6 44.2 66.4

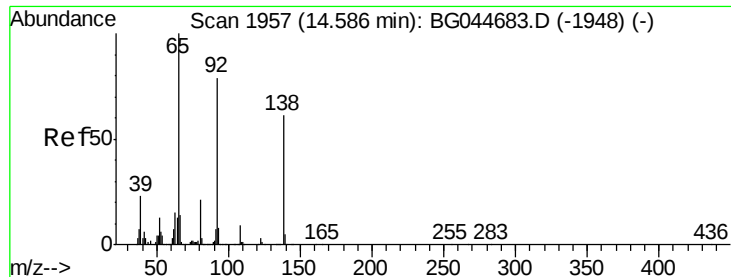


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





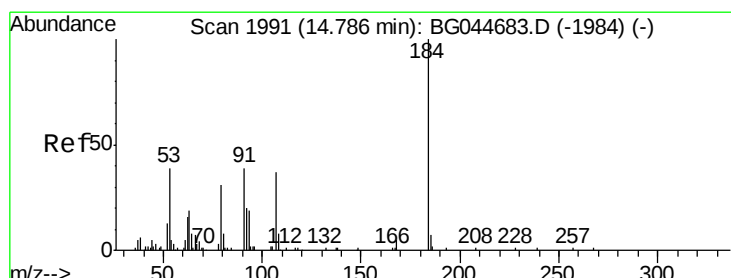
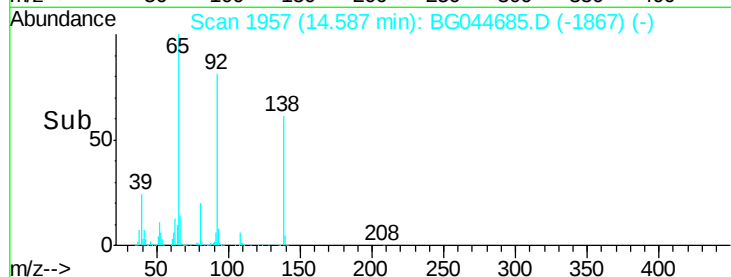
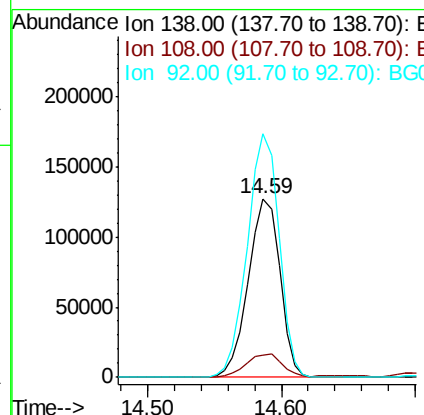
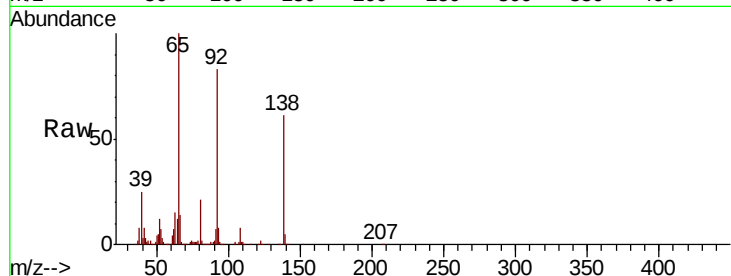
#53  
3-Nitroaniline  
Concen: 60.050 ng  
RT: 14.59 min Scan# 1957  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.4  | 12.2  | 18.4  |
| 92      | 136.4 | 105.1 | 157.7 |

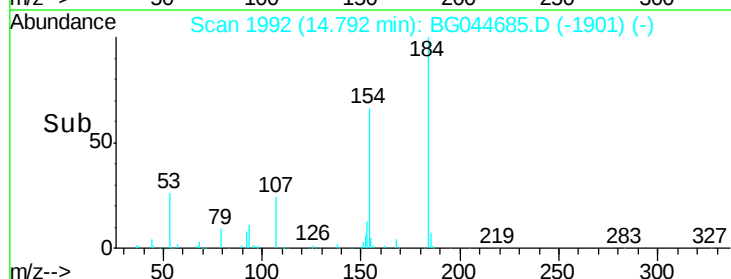
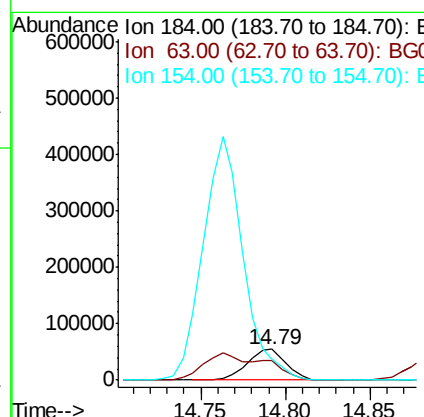
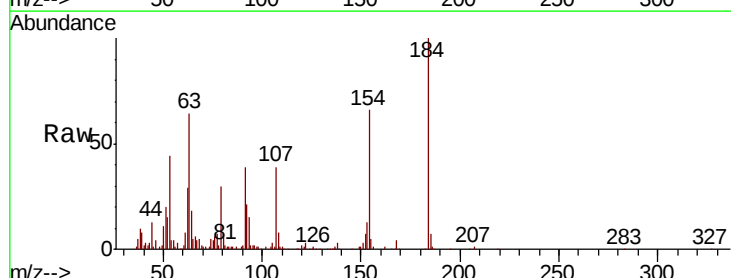
Manual Integrations  
APPROVED

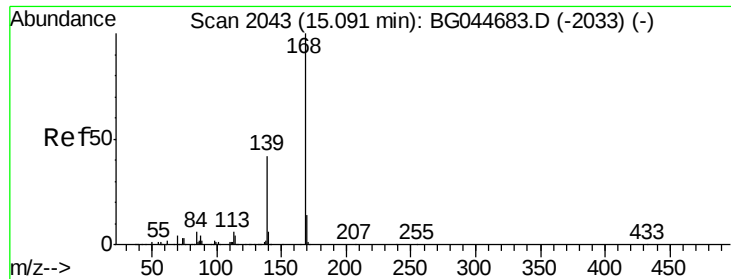
mohammad  
3/6/2020 10:17:34 PM



#54  
2,4-Dinitrophenol  
Concen: 55.790 ng  
RT: 14.79 min Scan# 1992  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 64.3  | 42.4  | 63.6#  |
| 154     | 66.4  | 75.0  | 112.4# |





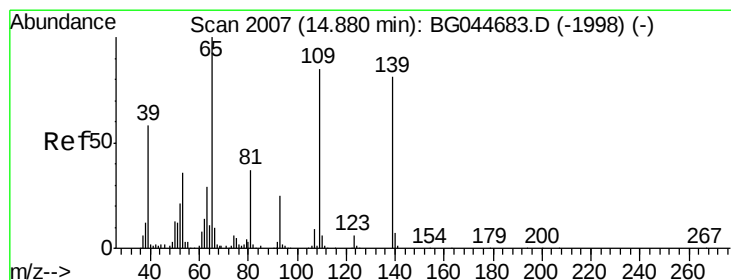
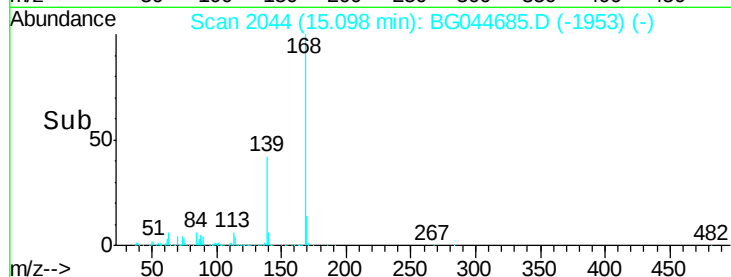
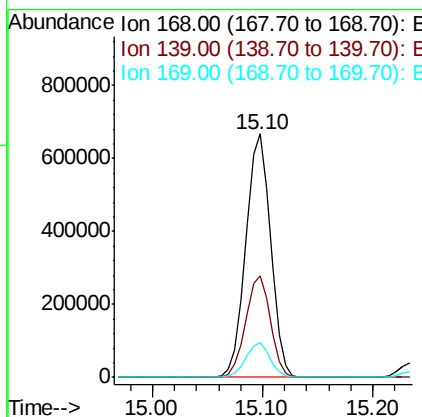
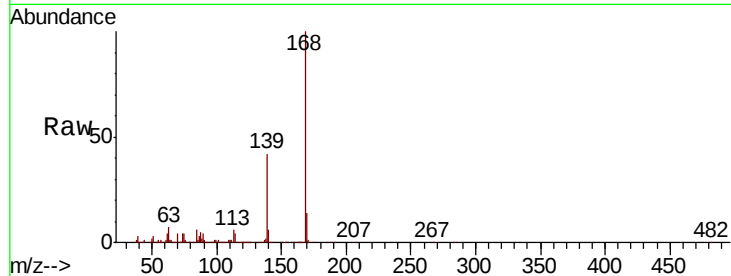
#55  
Dibenzofuran  
Concen: 62.277 ng  
RT: 15.10 min Scan# 2044  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.9  | 33.8  | 50.6  |
| 169     | 14.2  | 11.0  | 16.4  |

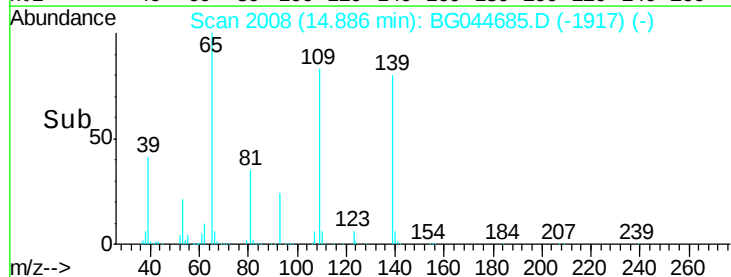
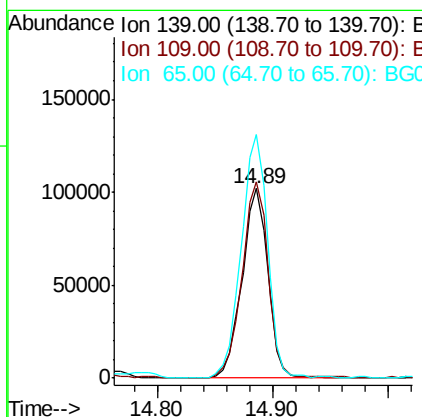
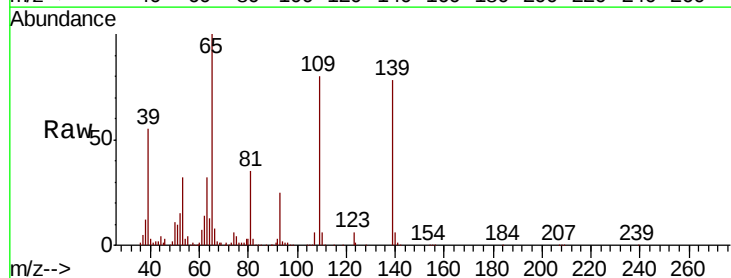
Manual Integrations  
APPROVED

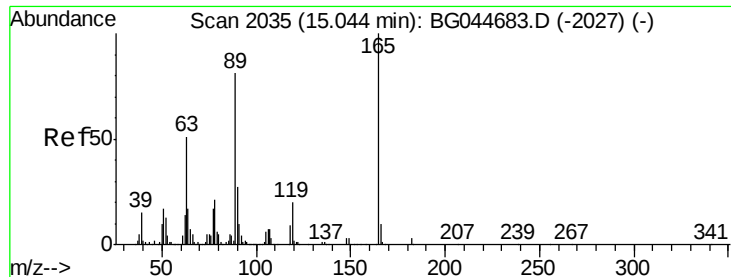
mohammad  
3/6/2020 10:17:34 PM



#56  
4-Nitrophenol  
Concen: 66.379 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 103.4 | 86.0  | 126.0 |
| 65      | 128.6 | 104.5 | 144.5 |





#57

2,4-Dinitrotoluene

Concen: 54.285 ng

RT: 15.05 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

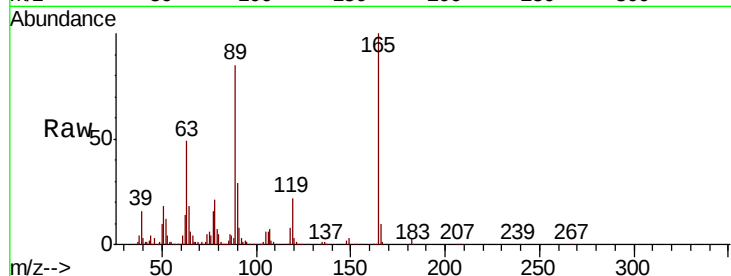
ClientSampleId :

SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 246077 |       |       |
| 63      | 49.0  |        | 40.6  | 61.0  |
| 89      | 85.5  |        | 65.0  | 97.6  |
| 182     | 2.6   |        | 2.4   | 3.6   |

Manual Integrations  
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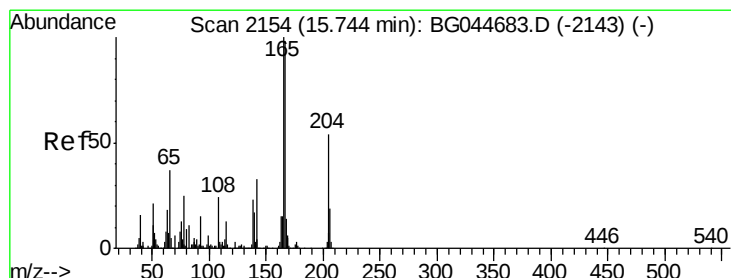
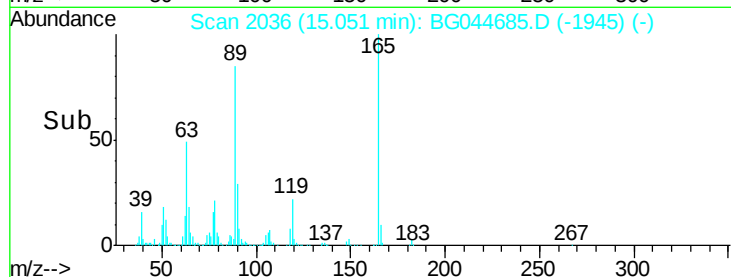
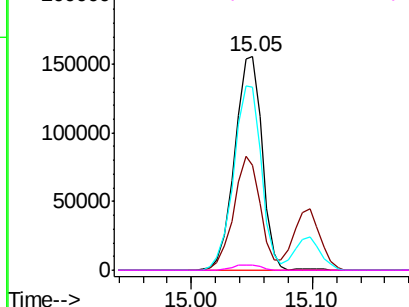


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 63.811 ng

RT: 15.74 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG044685.D

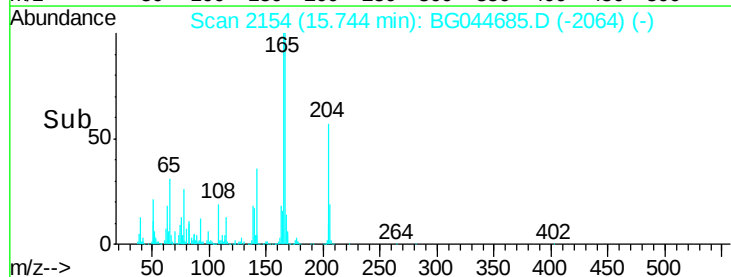
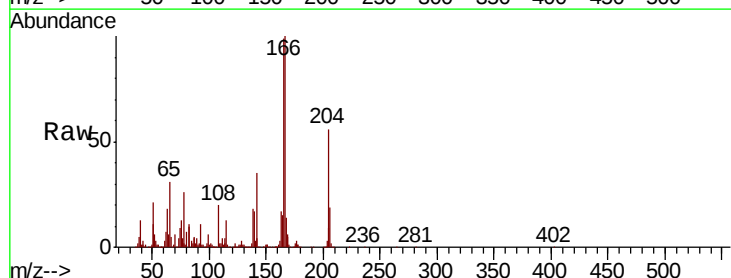
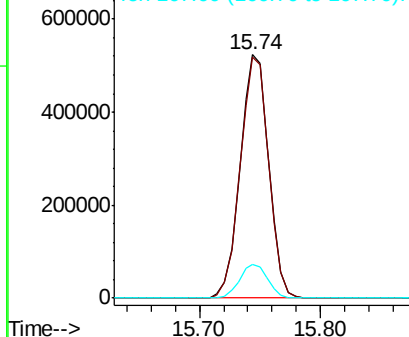
Acq: 5 Mar 2020 15:24

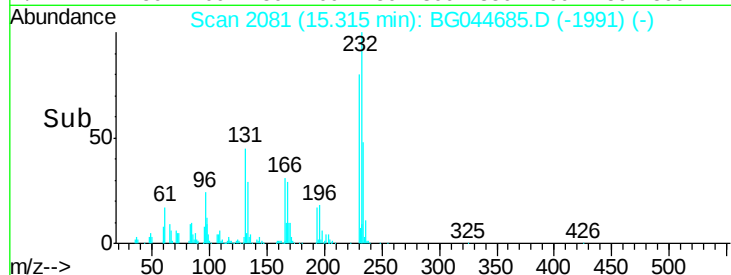
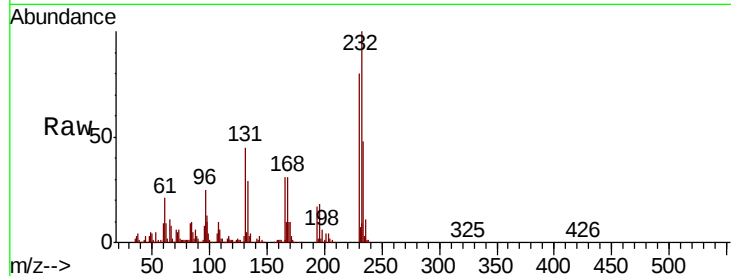
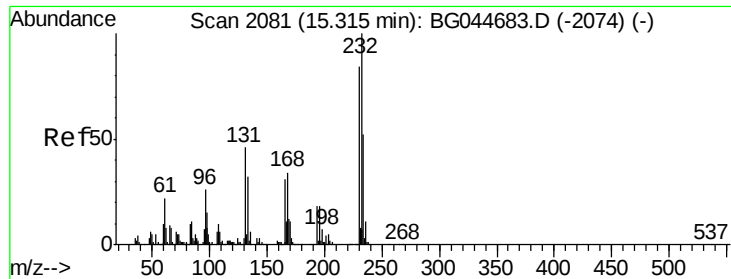
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 857858 |       |       |
| 165     | 98.9  |        | 81.3  | 121.9 |
| 167     | 14.0  |        | 11.0  | 16.6  |

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





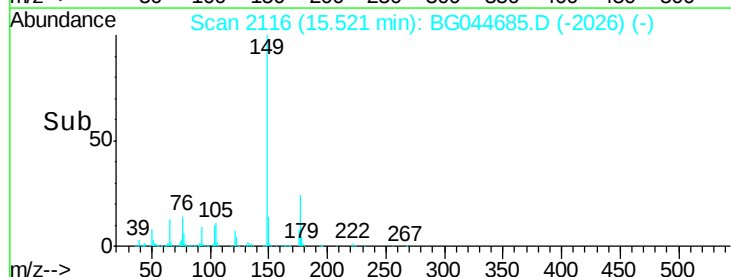
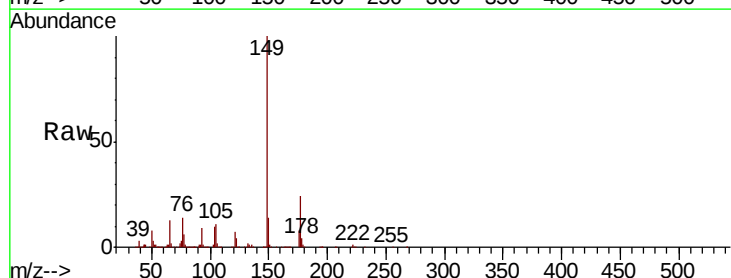
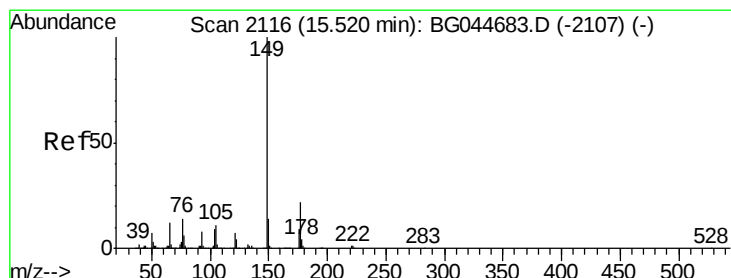
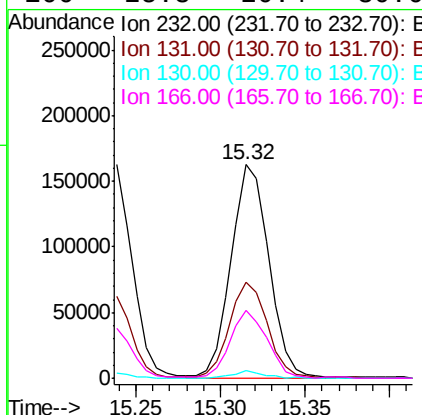
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 67.550 ng m  
RT: 15.32 min Scan# 2081  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 252998 |       |       |
| 131     | 41.3  |        | 33.0  | 49.6  |
| 130     | 2.4   |        | 2.2   | 3.2   |
| 166     | 25.8  |        | 20.4  | 30.6  |

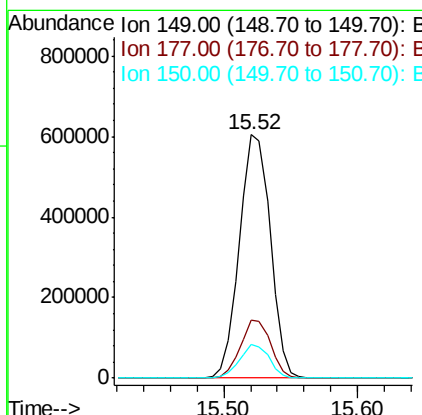
Manual Integrations  
APPROVED

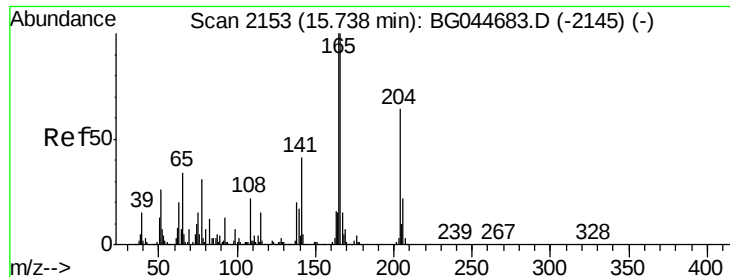
mohammad  
3/6/2020 10:17:34 PM



#60  
Diethylphthalate  
Concen: 66.875 ng  
RT: 15.52 min Scan# 2116  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 968706 |       |       |
| 177     | 23.6  |        | 17.5  | 26.3  |
| 150     | 14.1  |        | 10.8  | 16.2  |





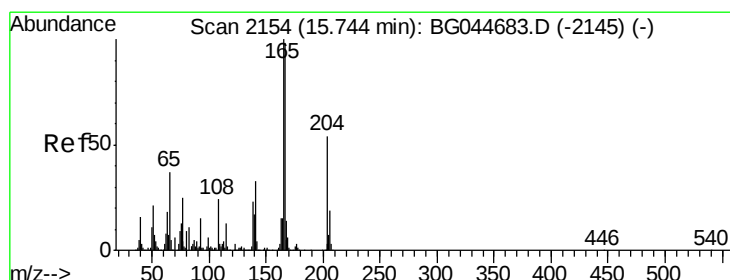
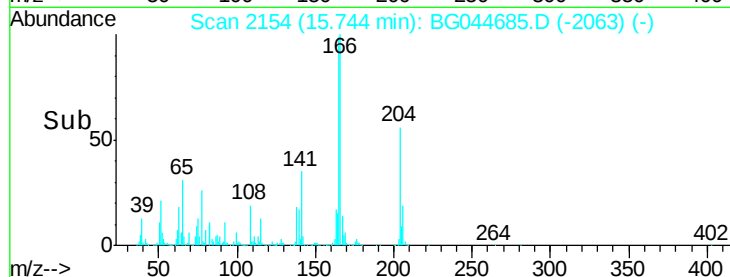
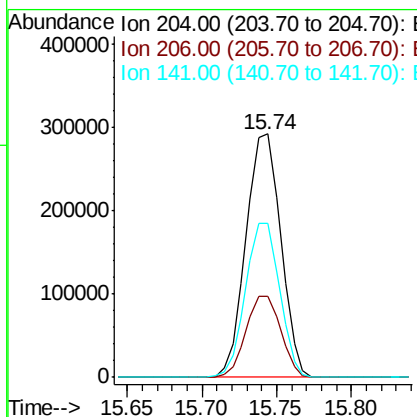
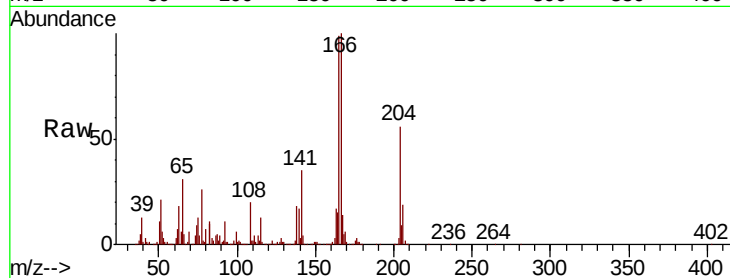
#61  
 4-Chlorophenyl-phenylether  
 Concen: 64.567 ng  
 RT: 15.74 min Scan# 2154  
 Delta R.T. 0.01 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 33.4  | 27.7 | 41.5  |       |
| 141     | 63.2  | 51.0 | 76.4  |       |

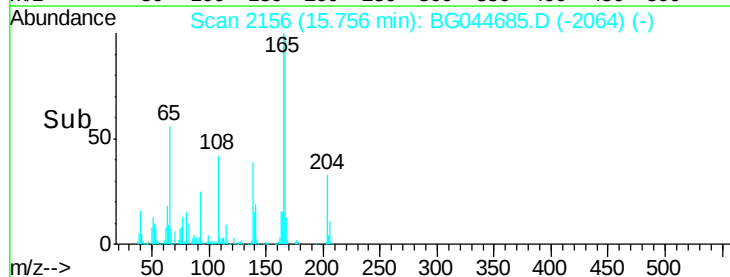
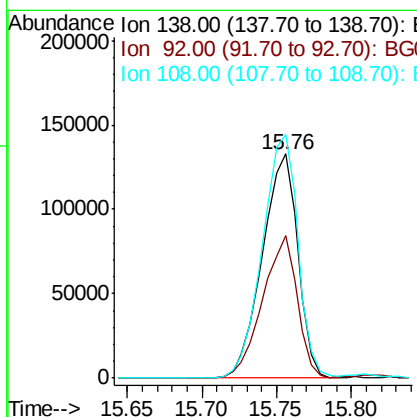
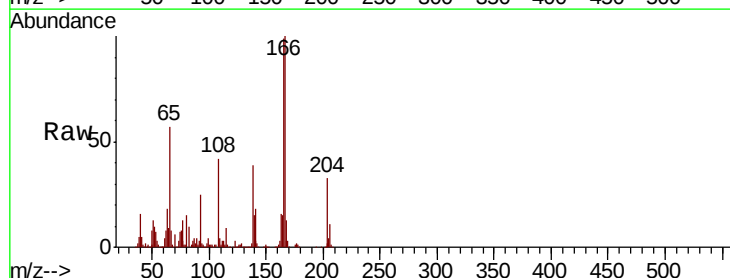
Manual Integrations  
 APPROVED

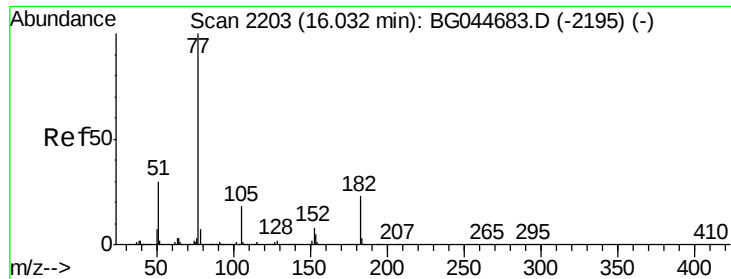
mohammad  
 3/6/2020 10:17:34 PM



#62  
 4-Nitroaniline  
 Concen: 63.124 ng  
 RT: 15.76 min Scan# 2156  
 Delta R.T. 0.01 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 63.8  | 43.1 | 83.1  |       |
| 108     | 108.7 | 85.2 | 125.2 |       |





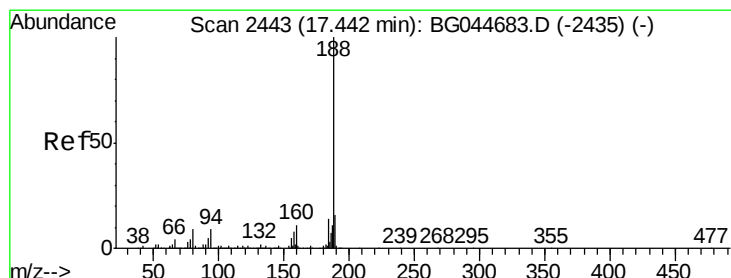
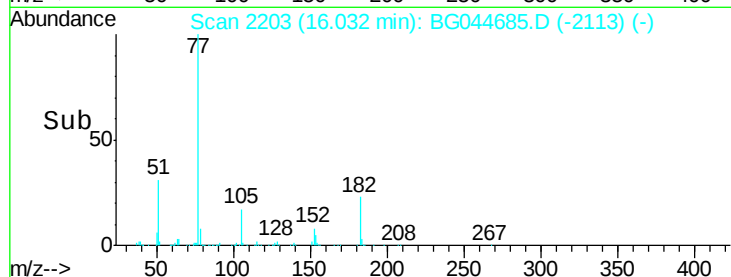
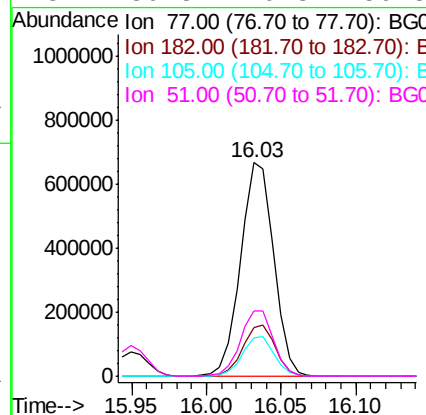
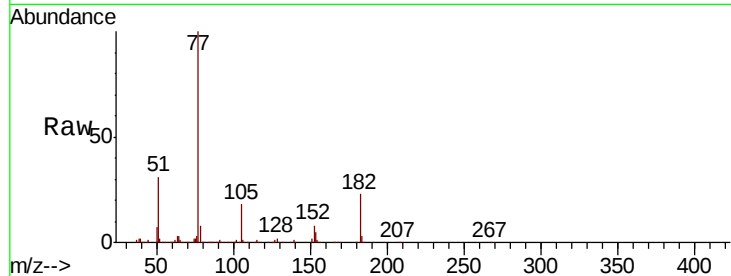
#63  
Azobenzene  
Concen: 83.253 ng  
RT: 16.03 min Scan# 2203  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.0  | 2.7   | 42.7  |
| 105     | 18.1  | 0.0   | 38.1  |
| 51      | 30.8  | 10.3  | 50.3  |

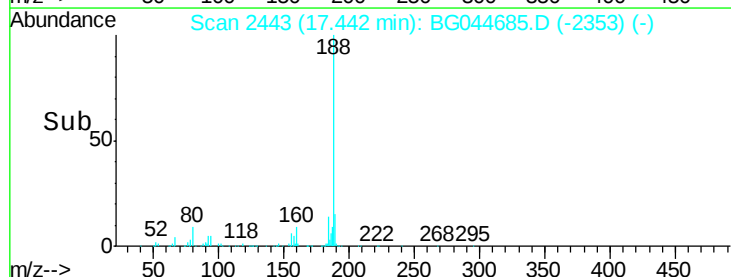
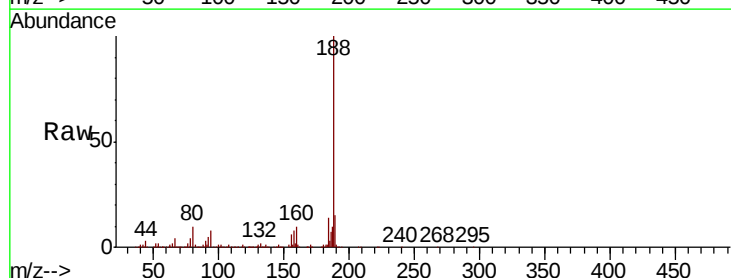
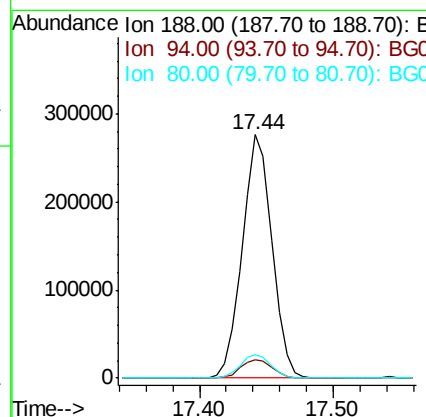
Manual Integrations  
APPROVED

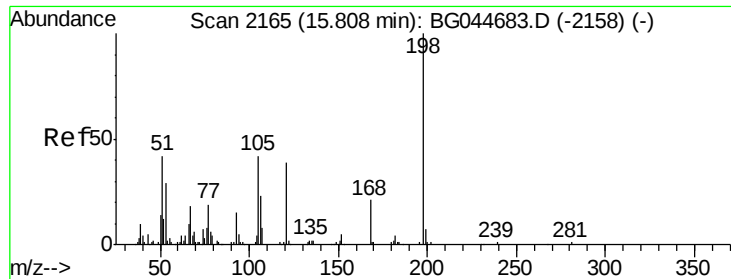
mohammad  
3/6/2020 10:17:34 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.6   | 7.4   | 11.0  |
| 80      | 9.7   | 7.3   | 10.9  |





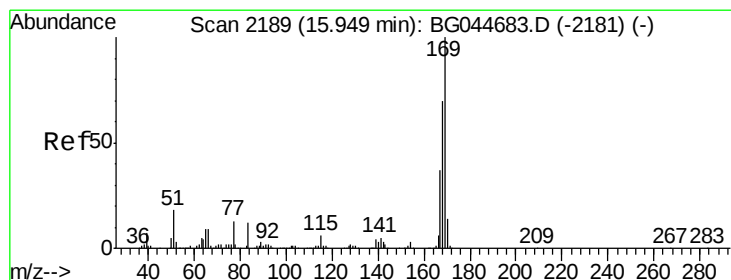
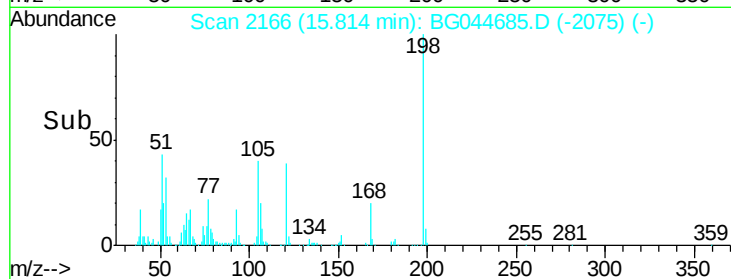
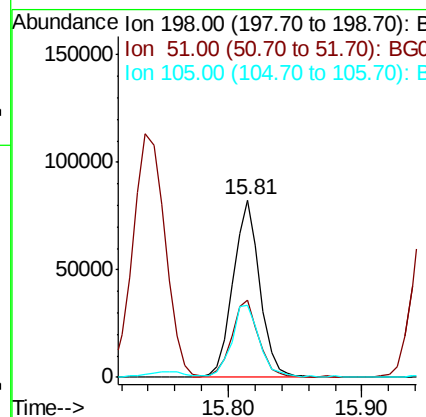
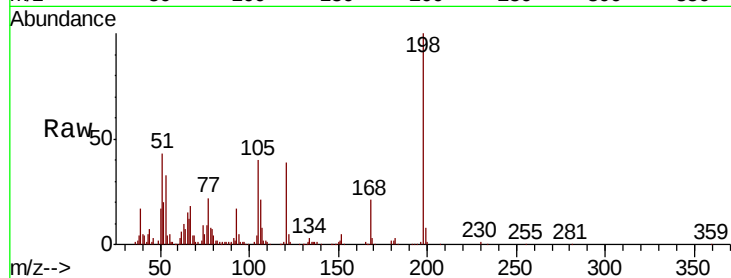
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 44.096 ng  
 RT: 15.81 min Scan# 2166  
 Delta R.T. 0.01 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 43.3  | 27.1 | 67.1  |       |
| 105     | 40.4  | 23.6 | 63.6  |       |

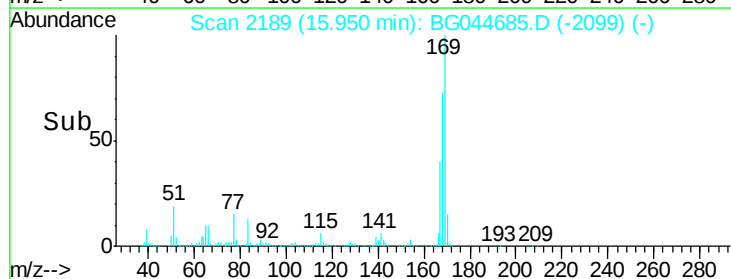
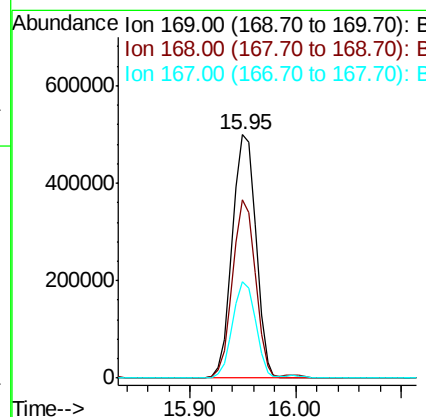
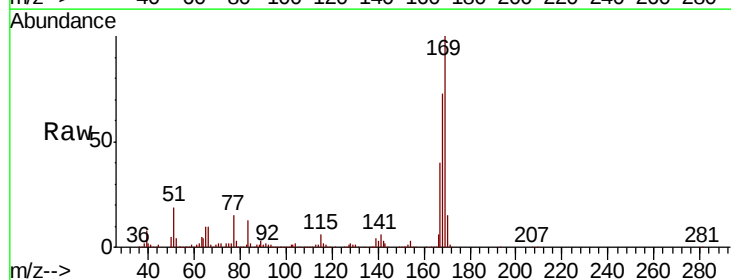
Manual Integrations  
 APPROVED

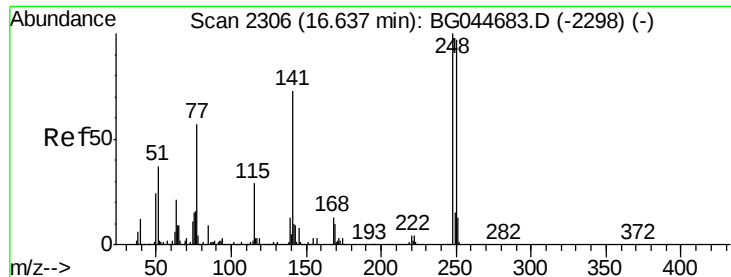
mohammad  
 3/6/2020 10:17:34 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 58.425 ng  
 RT: 15.95 min Scan# 2189  
 Delta R.T. 0.00 min  
 Lab File: BG044685.D  
 Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 73.0  | 56.2 | 84.2  |       |
| 167     | 39.6  | 29.4 | 44.2  |       |





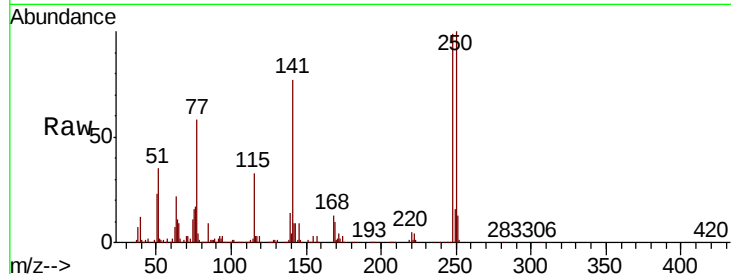
#67  
4-Bromophenyl-phenylether  
Concen: 61.411 ng  
RT: 16.64 min Scan# 2306  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 101.4 | 77.4  | 116.2 |
| 141     | 78.4  | 58.1  | 87.1  |

Manual Integrations  
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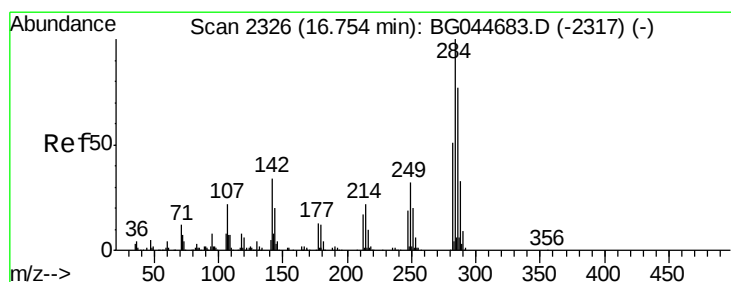
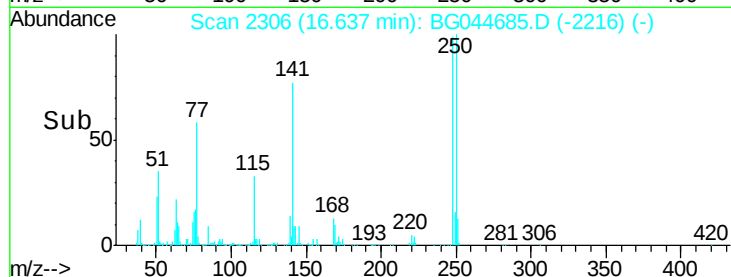
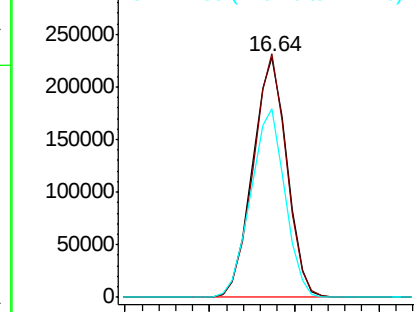


Abundance

Ion 248.00 (247.70 to 248.70): E

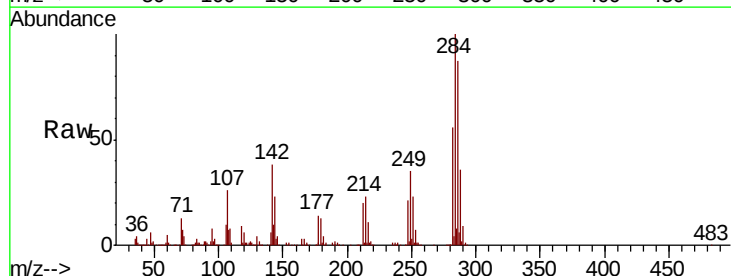
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 58.506 ng  
RT: 16.75 min Scan# 2326  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 37.9  | 27.2  | 40.8  |
| 249     | 35.4  | 25.7  | 38.5  |

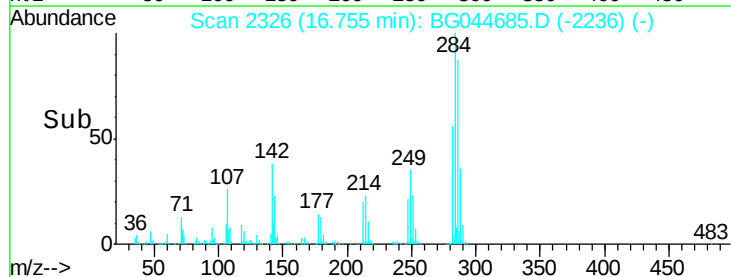
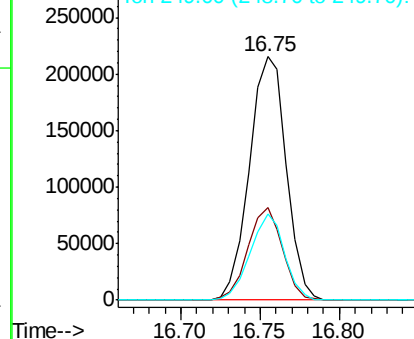


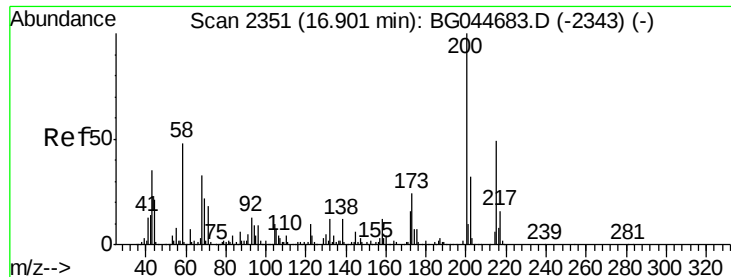
Abundance

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





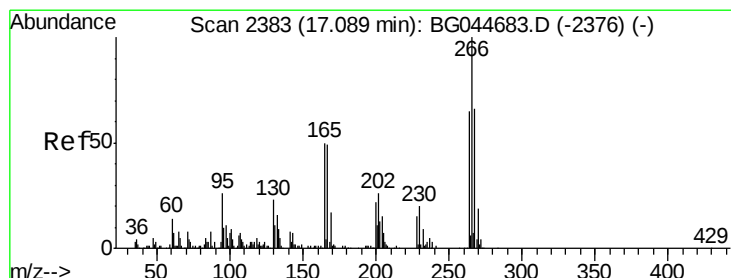
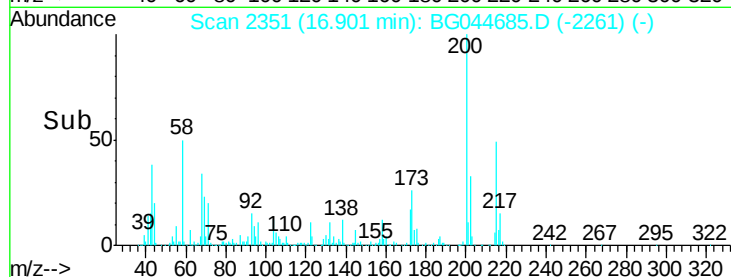
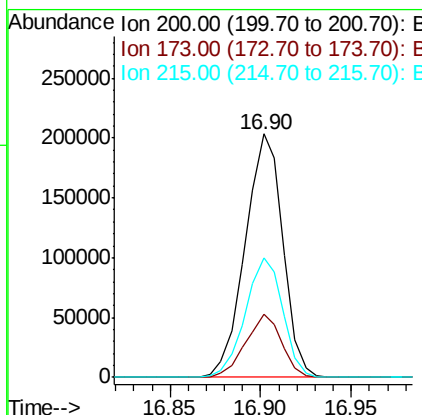
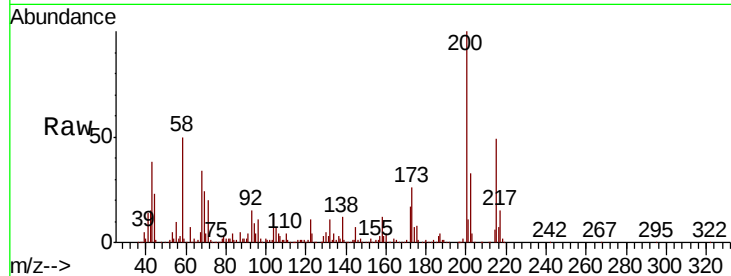
#69  
Atrazine  
Concen: 60.282 ng  
RT: 16.90 min Scan# 2351  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 26.0  | 4.0        | 44.0  |
| 215     | 49.2  | 29.1       | 69.1  |

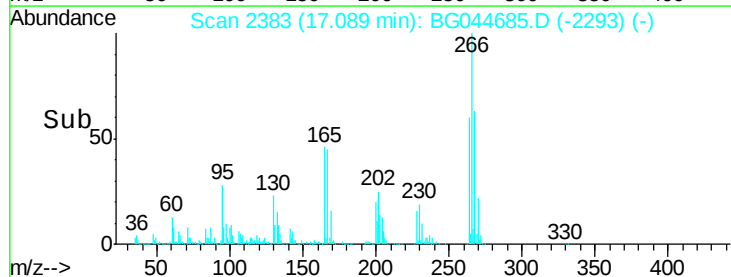
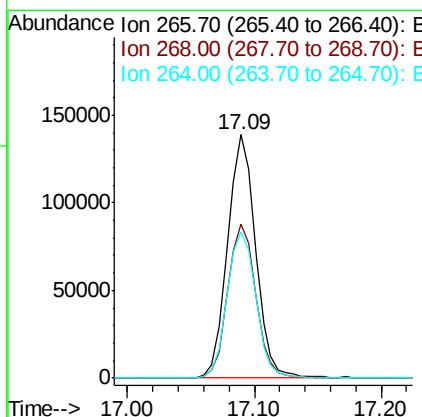
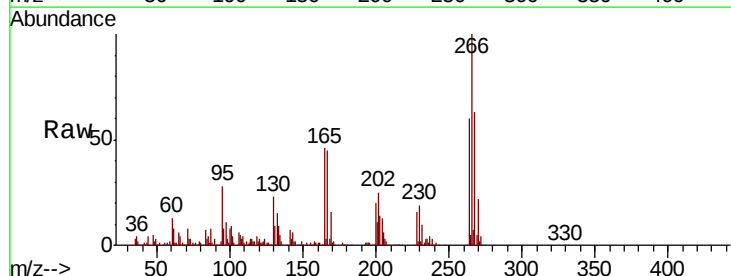
Manual Integrations  
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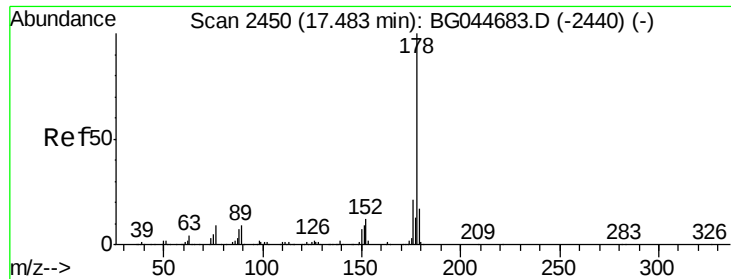
mohammad  
3/6/2020 10:17:34 PM



#70  
Pentachlorophenol  
Concen: 86.107 ng  
RT: 17.09 min Scan# 2383  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.4  | 52.7       | 79.1  |
| 264     | 59.9  | 52.3       | 78.5  |





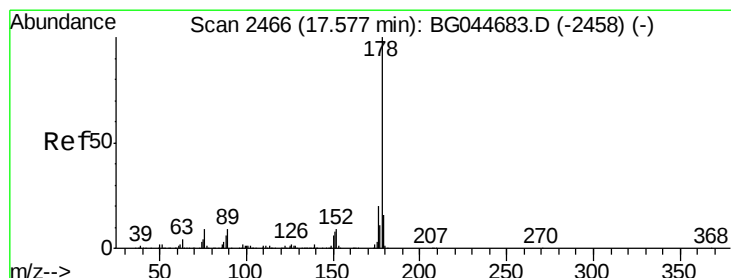
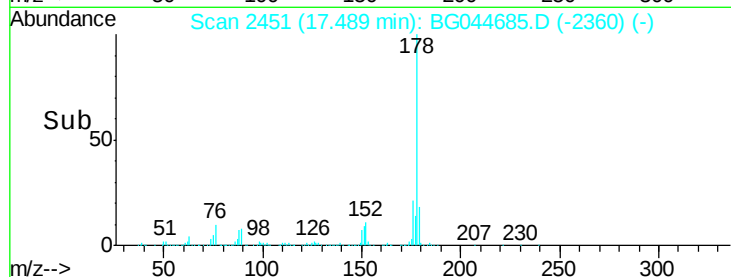
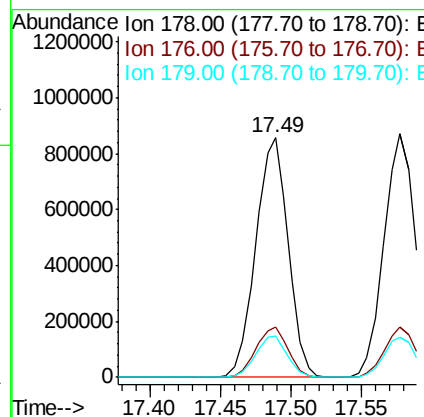
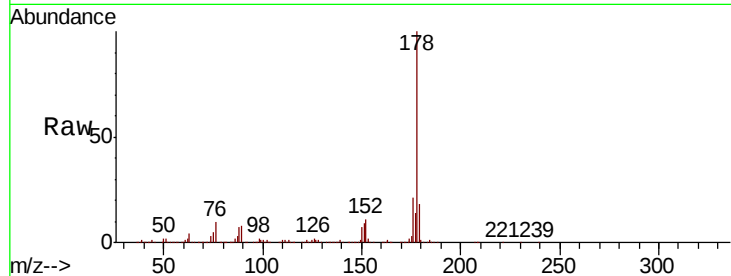
#71  
Phenanthrene  
Concen: 58.865 ng  
RT: 17.49 min Scan# 2451  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.9  | 16.5  | 24.7  |
| 179     | 17.5  | 13.8  | 20.8  |

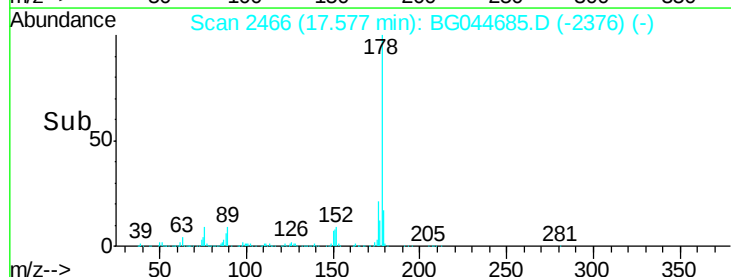
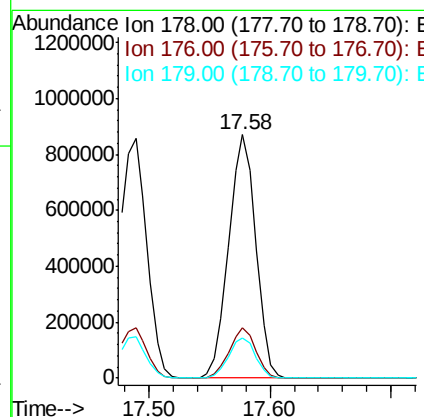
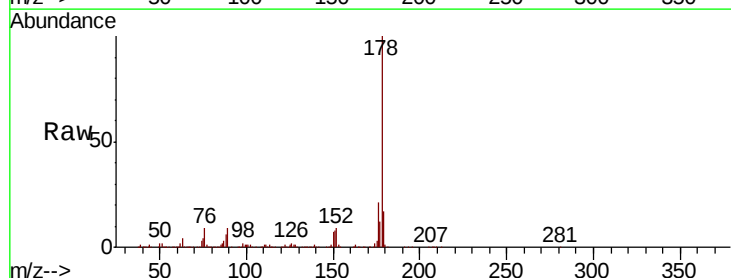
Manual Integrations  
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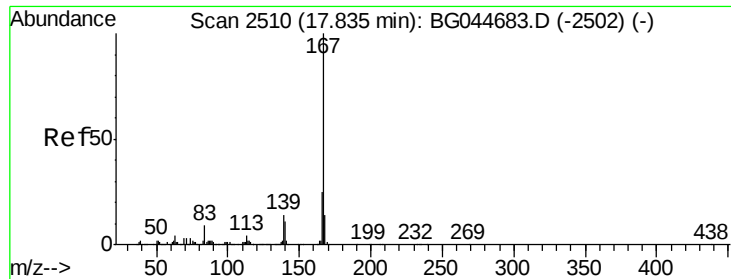
mohammad  
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#72  
Anthracene  
Concen: 58.556 ng  
RT: 17.58 min Scan# 2466  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.5  | 15.7  | 23.5  |
| 179     | 16.6  | 12.6  | 19.0  |





#73

Carbazole

Concen: 61.153 ng

RT: 17.84 min Scan# 2511

Delta R.T. 0.01 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tot Ion:167 Resp: 1286024

Ion Ratio Lower Upper

167 100

166 24.3 20.0 30.0

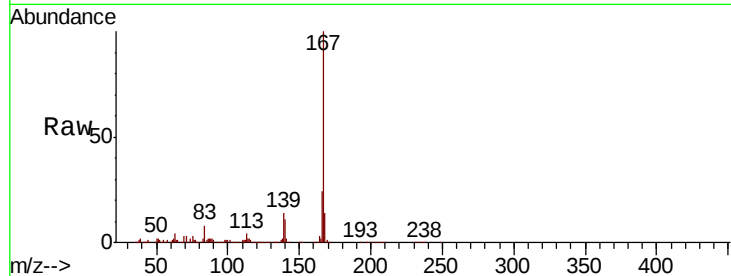
139 14.0 11.3 16.9

Manual Integrations

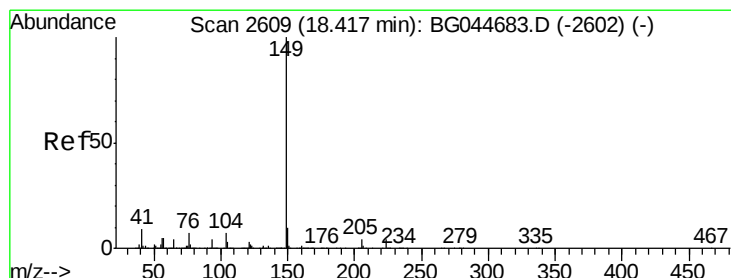
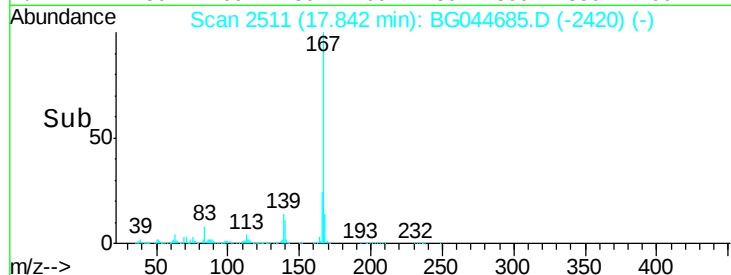
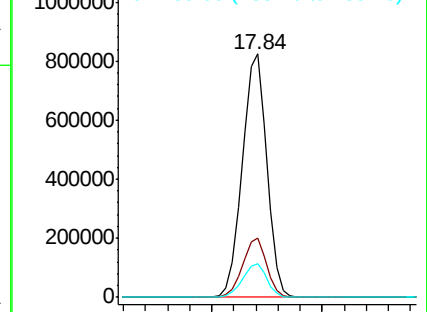
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Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 60.652 ng

RT: 18.42 min Scan# 2609

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

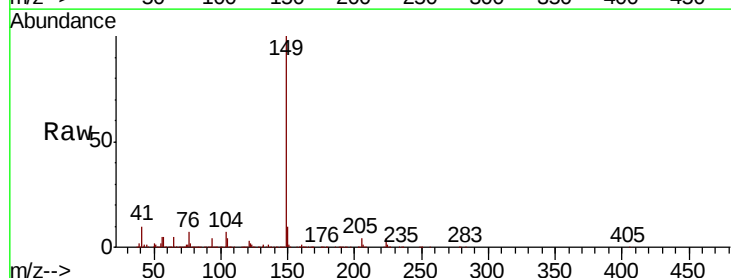
Tgt Ion:149 Resp: 1598310

Ion Ratio Lower Upper

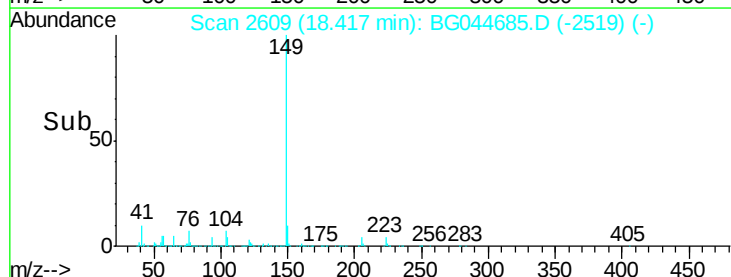
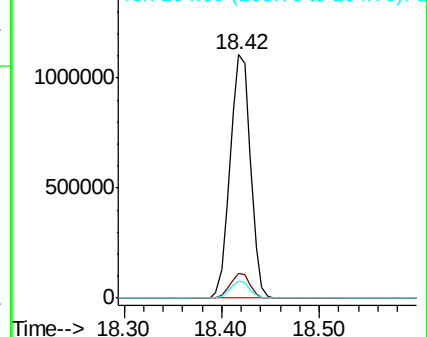
149 100

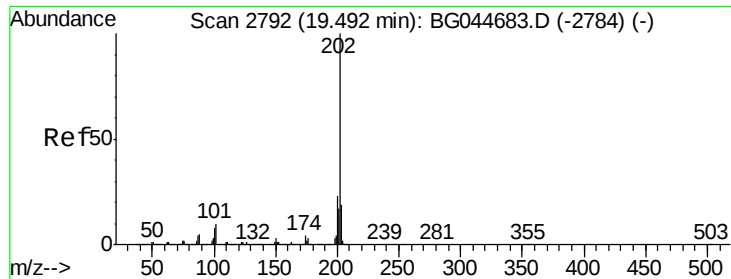
150 10.3 8.0 12.0

104 7.1 5.5 8.3



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 58.954 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

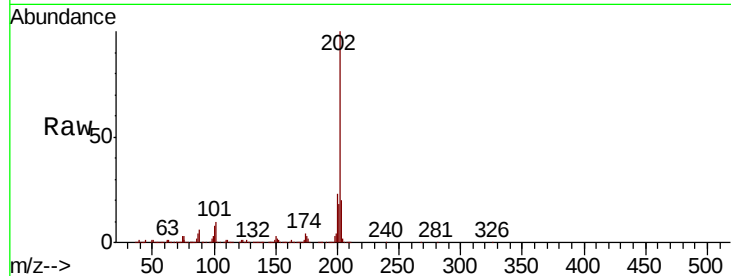
ClientSampleId :

SSTDICC060

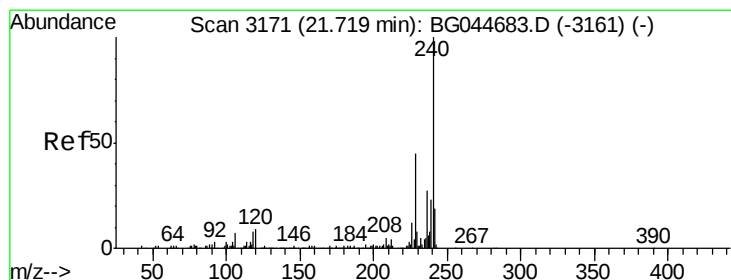
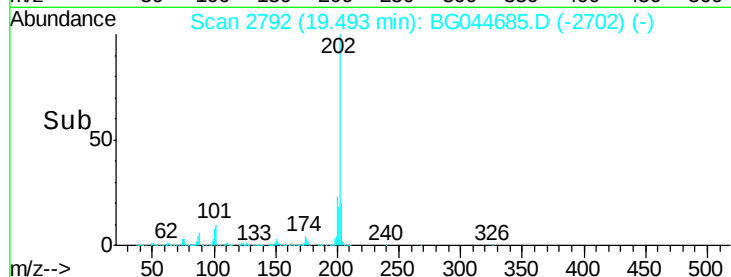
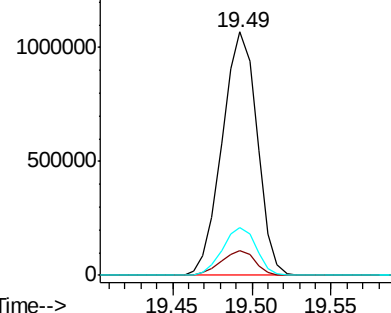
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1636127 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 10.2  | 0.0   | 30.3    |
| 203      | 19.8  | 0.0   | 39.1    |

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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

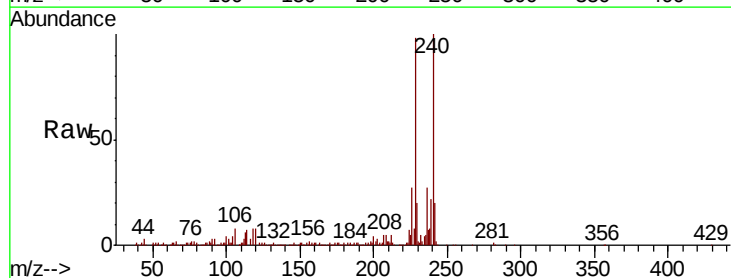
RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

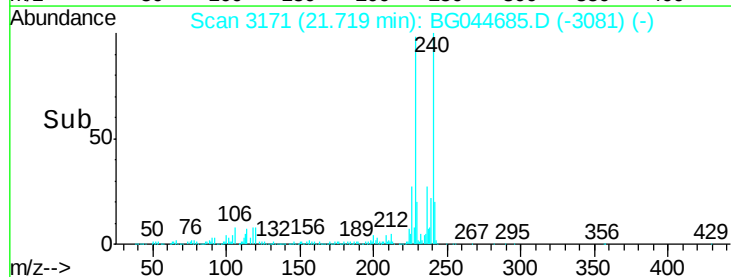
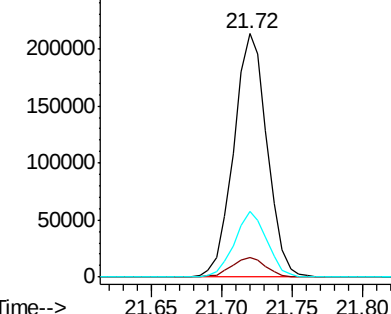
Lab File: BG044685.D

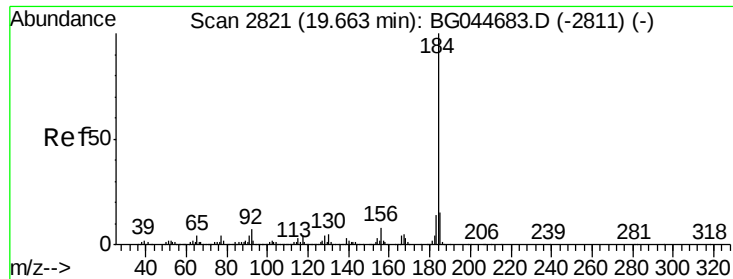
Acq: 5 Mar 2020 15:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 352594 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 8.1   | 7.0   | 10.6   |
| 236      | 27.1  | 21.5  | 32.3   |



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: 63.281 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

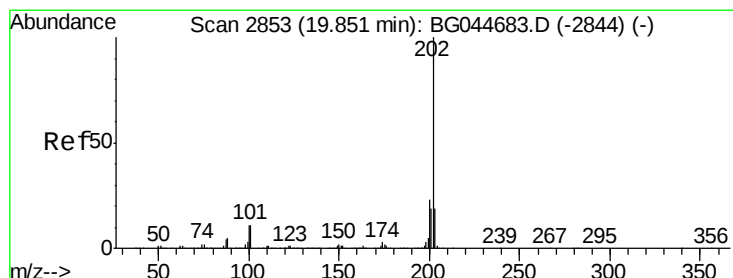
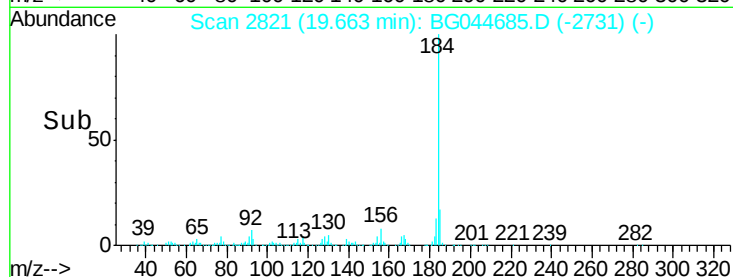
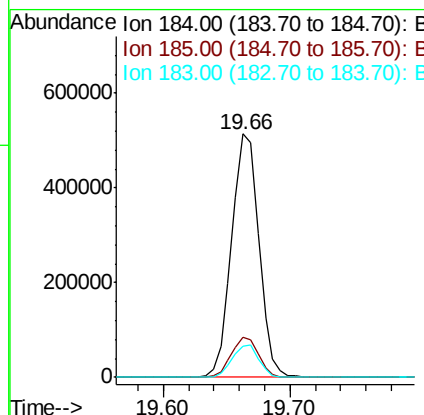
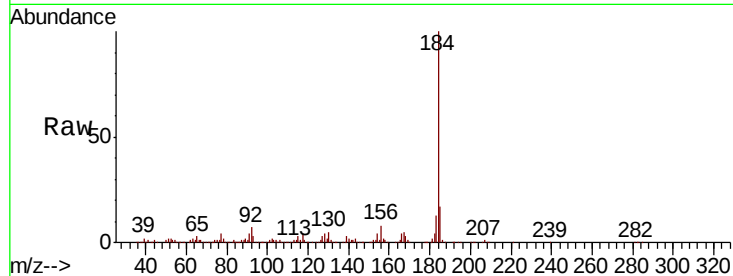
ClientSampleId :

SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 764316 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 16.7  | 12.0  | 18.0   |
| 183       | 12.7  | 11.4  | 17.2   |

Manual Integrations  
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#78

Pyrene

Concen: 63.987 ng

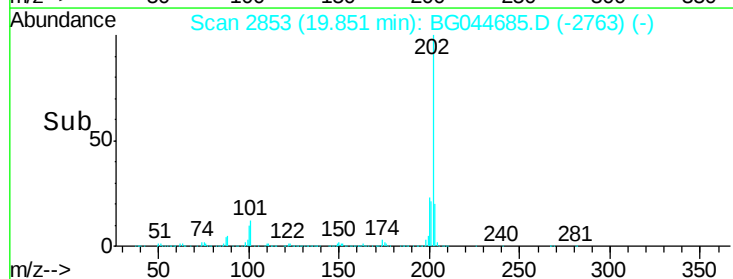
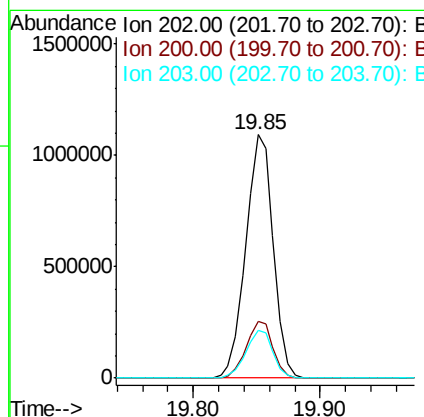
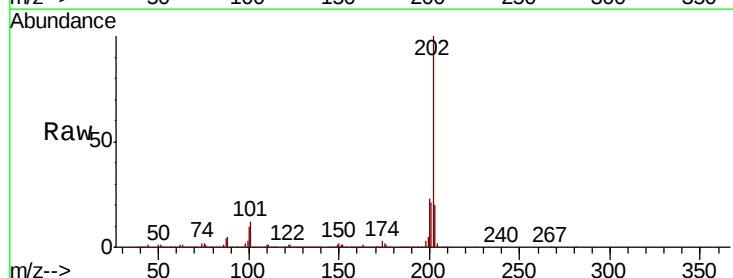
RT: 19.85 min Scan# 2853

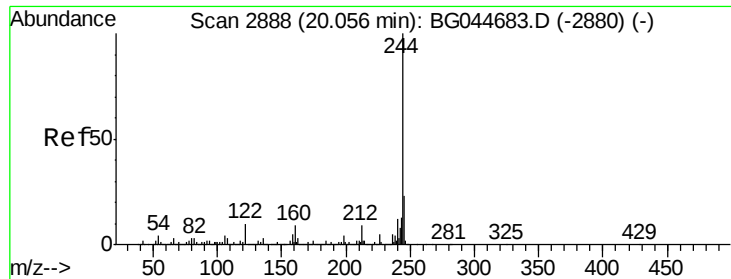
Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1637771 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 23.4  | 18.2  | 27.2    |
| 203       | 19.8  | 15.2  | 22.8    |





#79

Terphenyl-d14

Concen: 125.292 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

ClientSampleId :

SSTDIC060

Tot Ion:244 Resp: 2333641

Ion Ratio Lower Upper

244 100

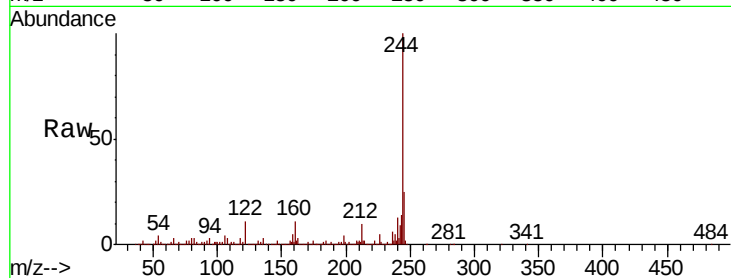
212 10.1 7.5 11.3

122 10.6 7.7 11.5

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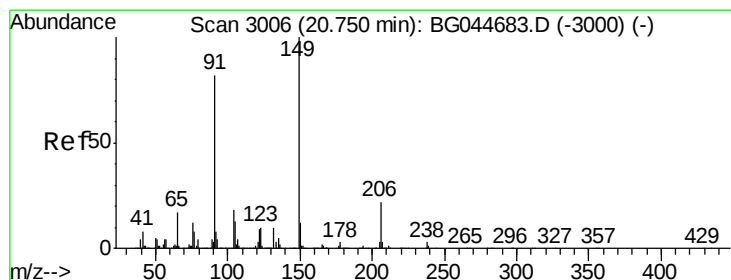
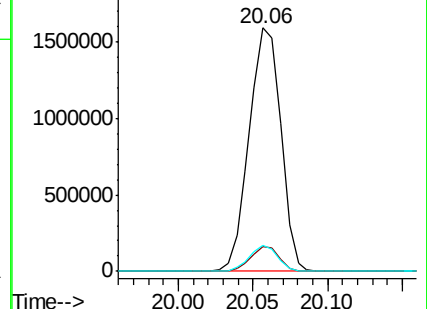
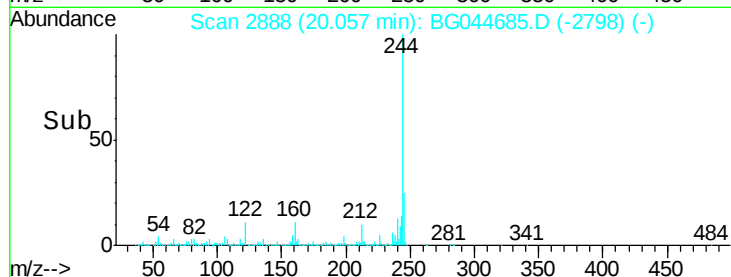
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 66.473 ng

RT: 20.75 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

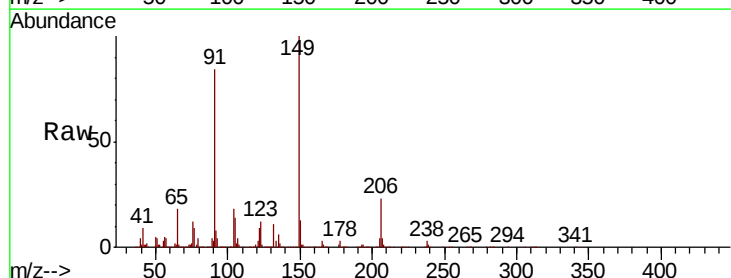
Tgt Ion:149 Resp: 744207

Ion Ratio Lower Upper

149 100

91 83.6 65.7 98.5

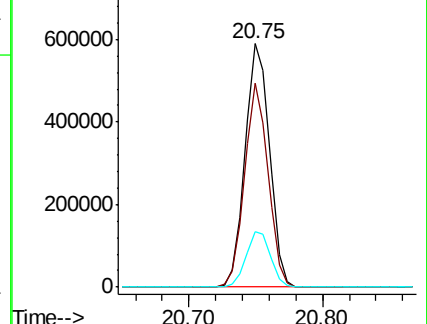
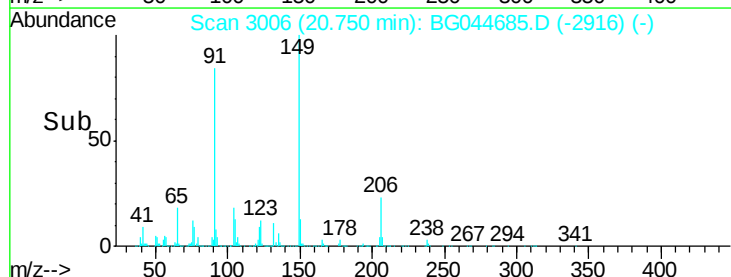
206 22.7 17.3 25.9

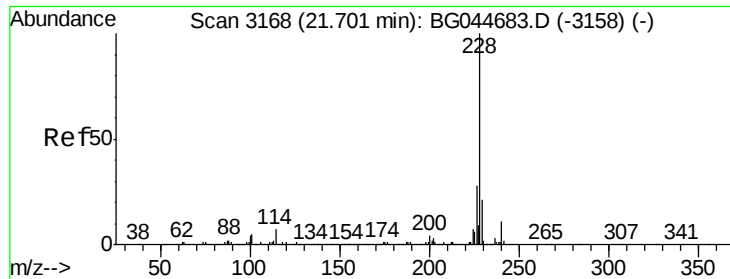


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





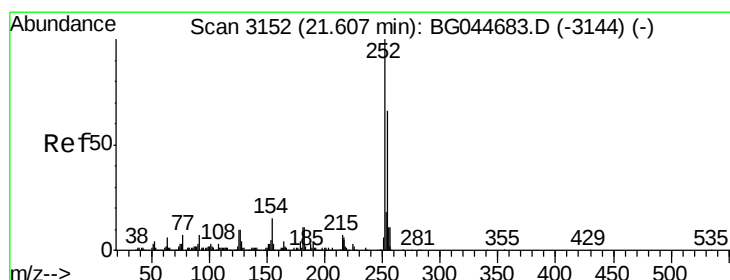
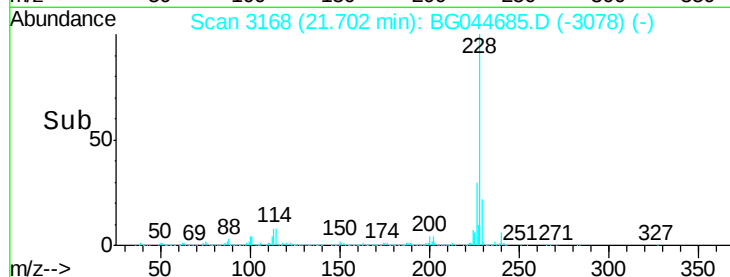
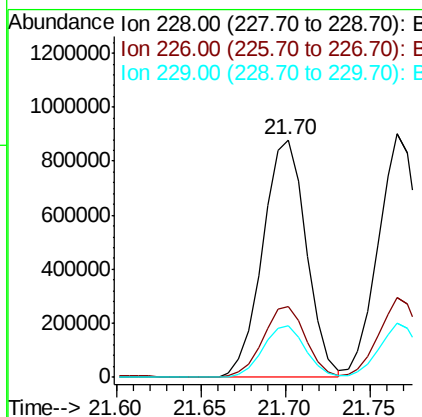
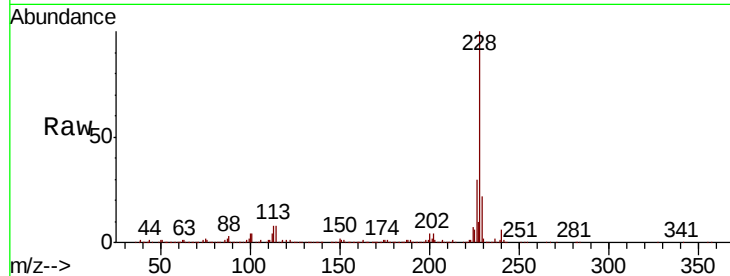
#81  
Benzo(a)anthracene  
Concen: 63.568 ng  
RT: 21.70 min Scan# 3168  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.1  | 22.8  | 34.2  |
| 229     | 21.7  | 17.0  | 25.6  |

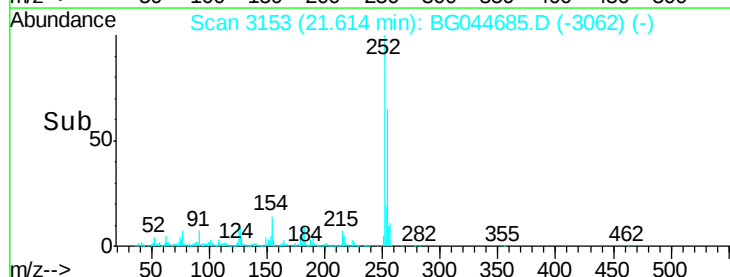
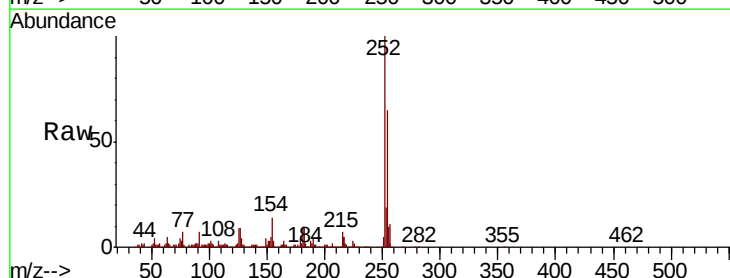
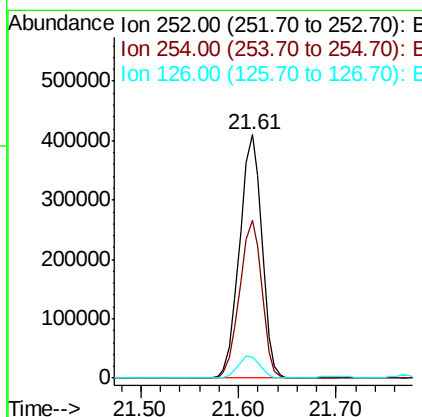
Manual Integrations  
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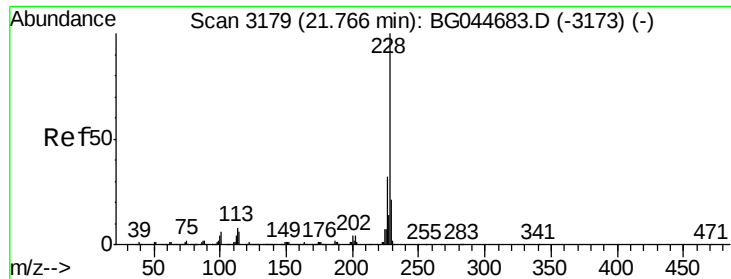
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 66.586 ng  
RT: 21.61 min Scan# 3153  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.0  | 52.6  | 79.0  |
| 126     | 8.7   | 7.8   | 11.6  |





#83

Chrysene

Concen: 63.516 ng

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tot Ion:228 Resp: 1521852

Ion Ratio Lower Upper

228 100

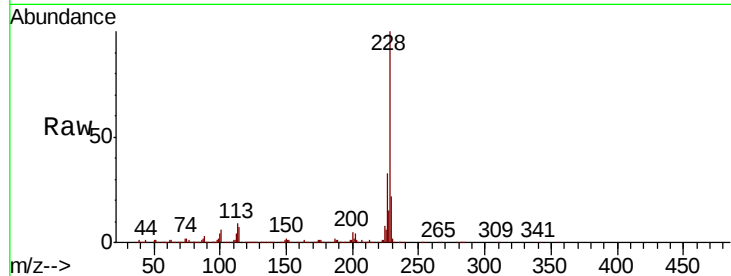
226 32.8 25.8 38.6

229 22.0 16.6 25.0

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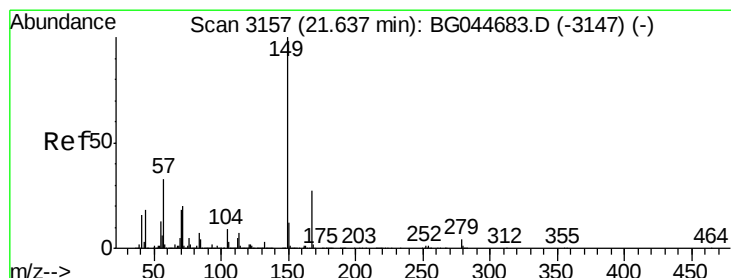
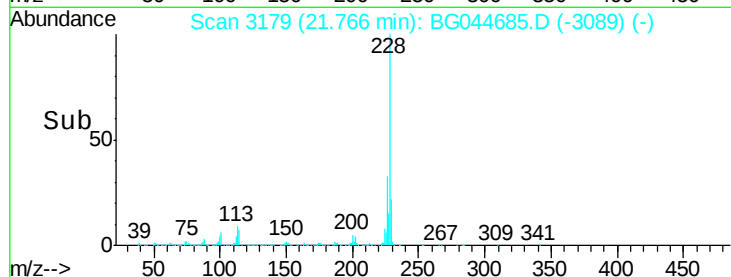
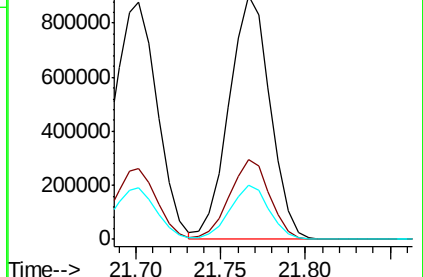
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.721 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Tgt Ion:149 Resp: 1013856

Ion Ratio Lower Upper

149 100

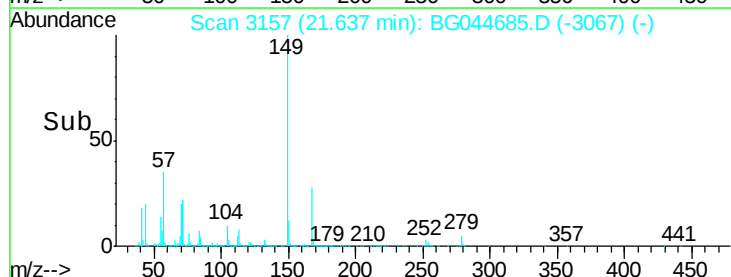
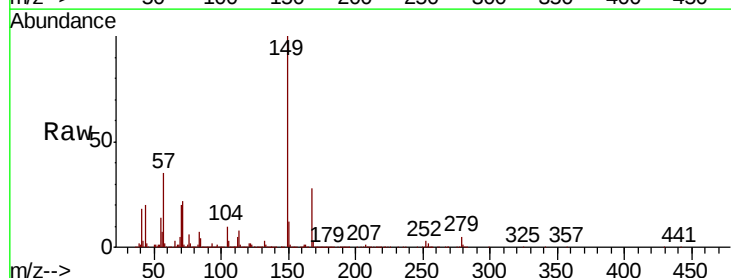
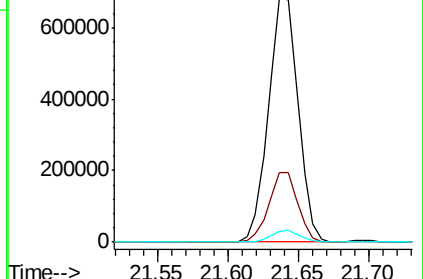
167 28.5 21.3 31.9

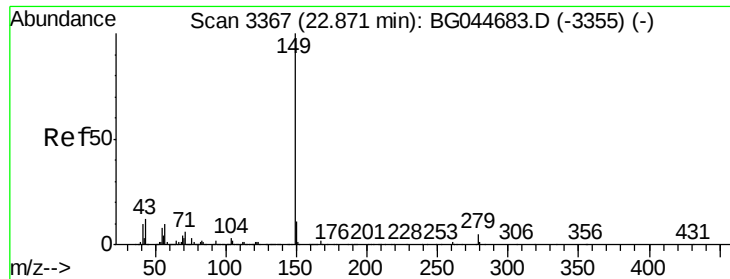
279 4.5 3.6 5.4

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 64.616 ng

RT: 22.87 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

Instrument :

BNA\_G

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1753759

Ion Ratio Lower Upper

149 100

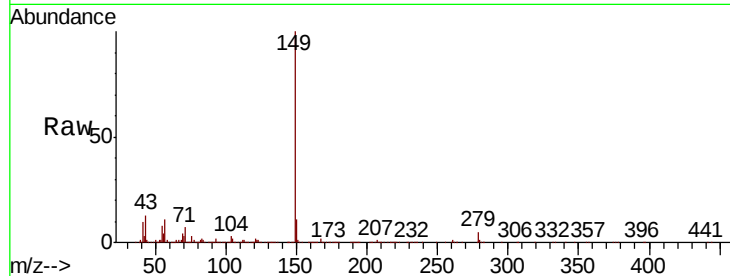
167 1.6 1.3 1.9

43 12.2 9.5 14.3

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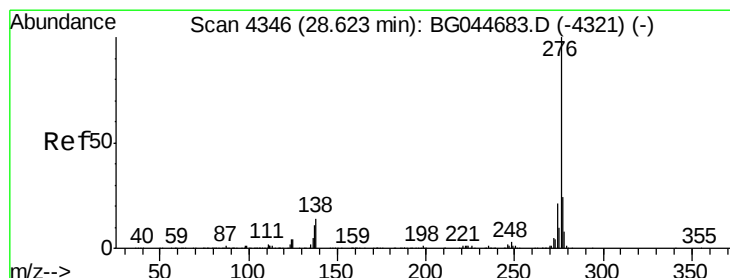
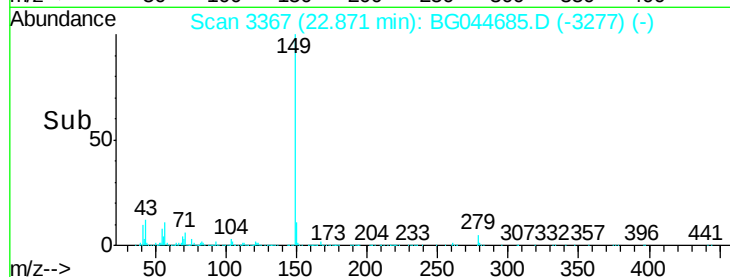
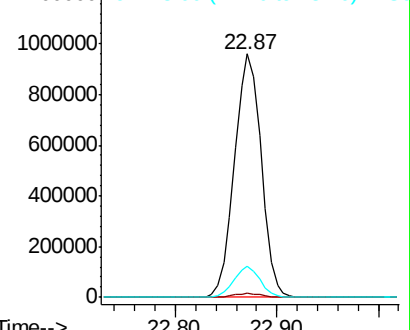
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 66.018 ng

RT: 28.63 min Scan# 4347

Delta R.T. 0.01 min

Lab File: BG044685.D

Acq: 5 Mar 2020 15:24

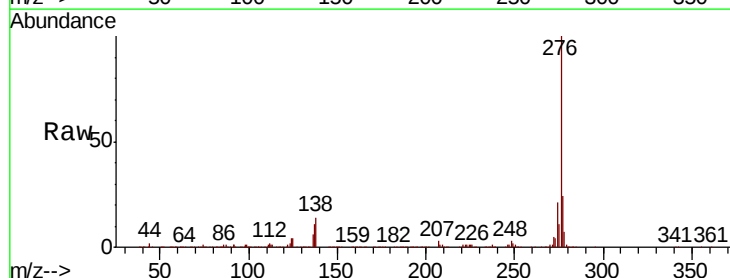
Tgt Ion:276 Resp: 2030021

Ion Ratio Lower Upper

276 100

138 12.1 9.5 14.3

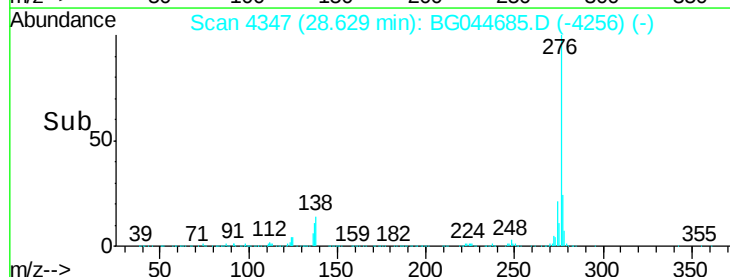
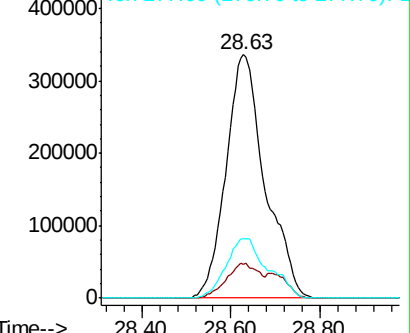
277 26.2 20.6 30.8

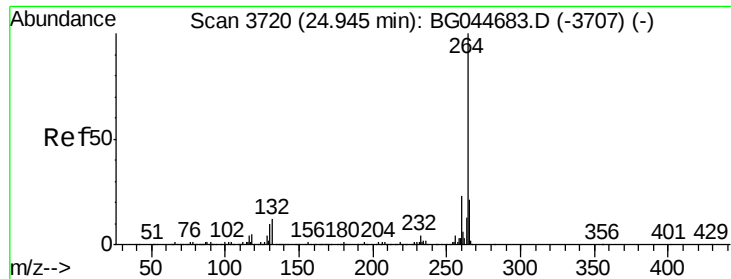


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





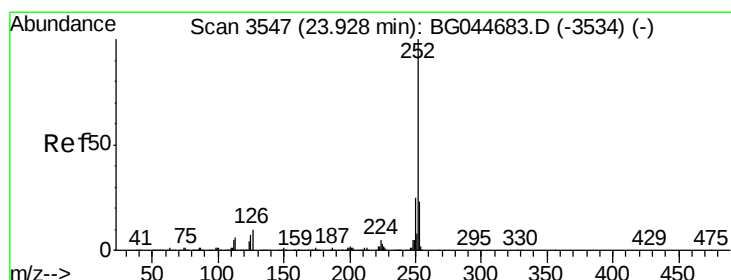
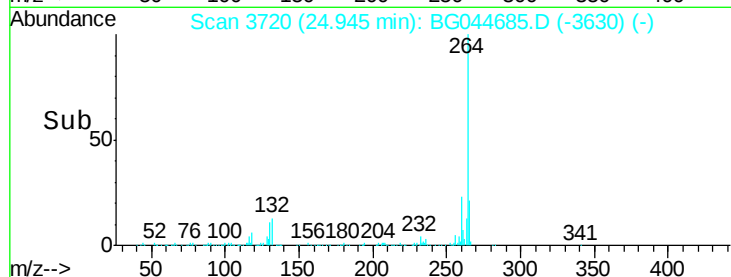
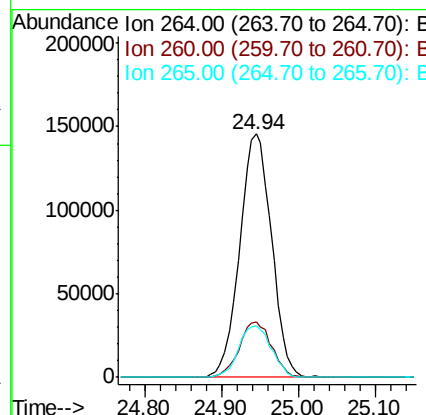
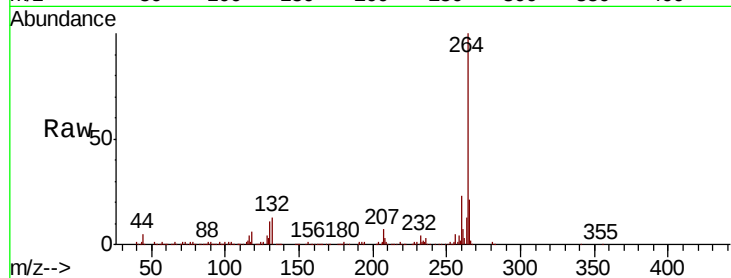
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.94 min Scan# 3720  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.6  | 18.4  | 27.6  |
| 265     | 21.4  | 16.9  | 25.3  |

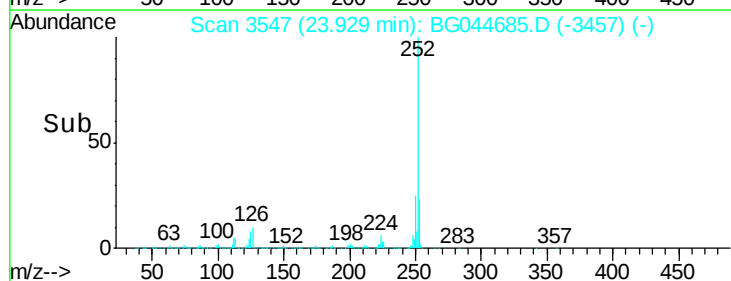
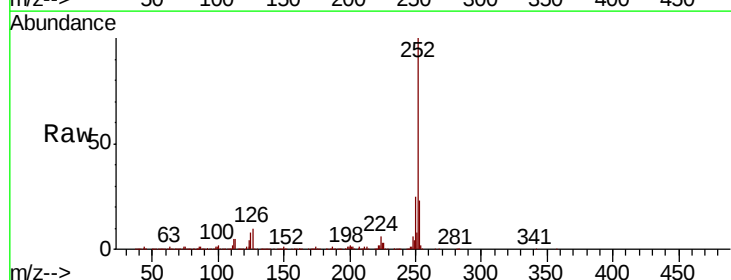
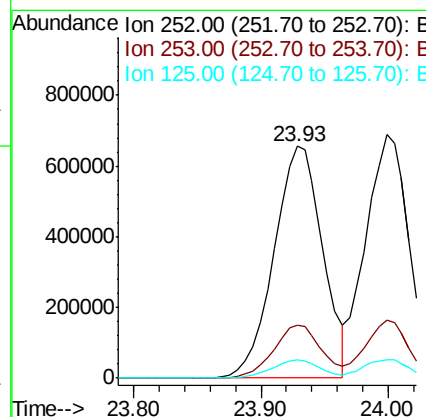
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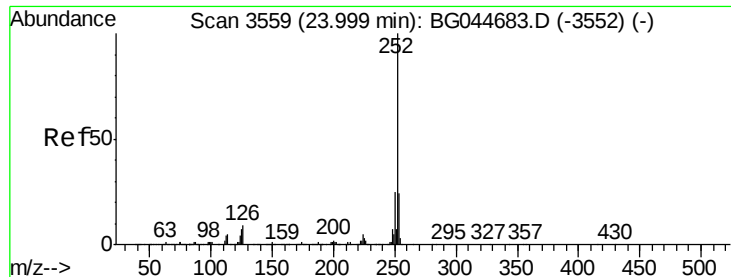
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#88  
Benzo(b)fluoranthene  
Concen: 63.065 ng  
RT: 23.93 min Scan# 3547  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.1  | 27.1  |
| 125     | 8.1   | 5.6   | 8.4   |





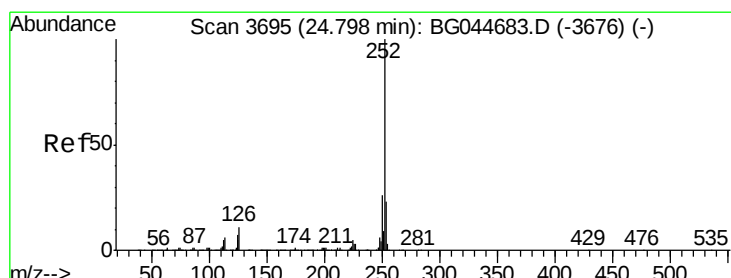
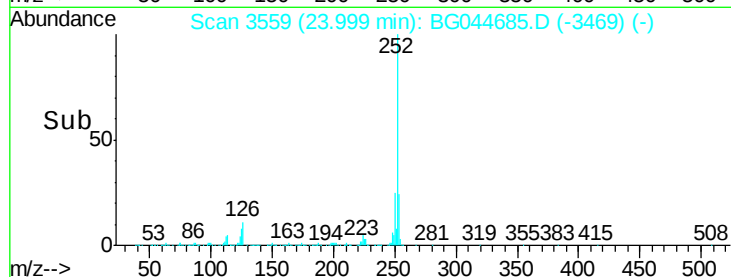
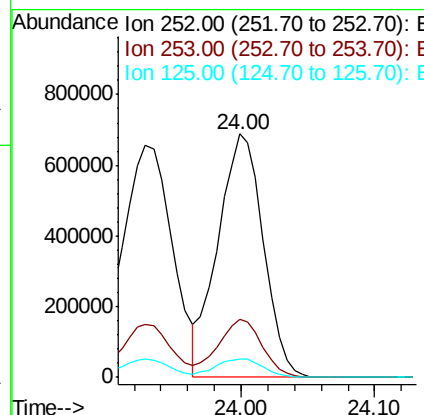
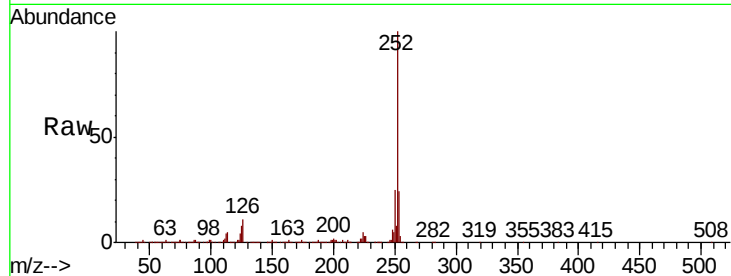
#89  
Benzo(k)fluoranthene  
Concen: 60.571 ng  
RT: 24.00 min Scan# 3559  
Delta R.T. 0.00 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.8  | 18.5  | 27.7  |
| 125     | 7.6   | 5.8   | 8.8   |

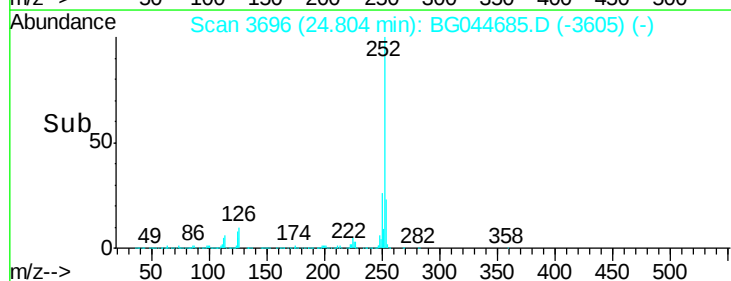
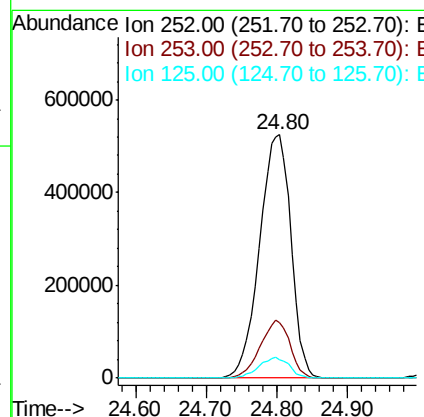
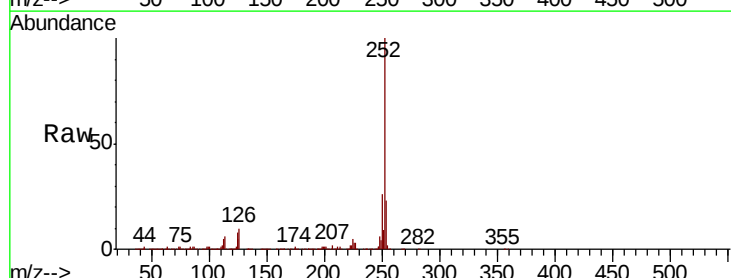
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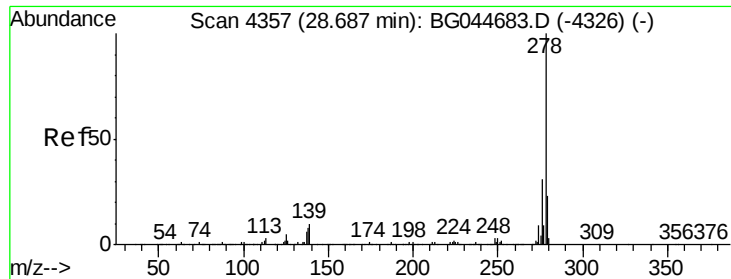
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#90  
Benzo(a)pyrene  
Concen: 62.517 ng  
RT: 24.80 min Scan# 3696  
Delta R.T. 0.01 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 18.4  | 27.6  |
| 125     | 7.7   | 6.0   | 9.0   |





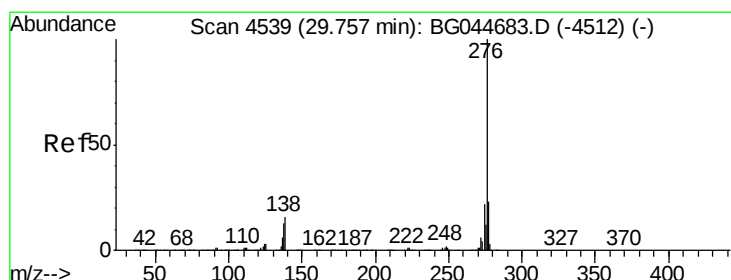
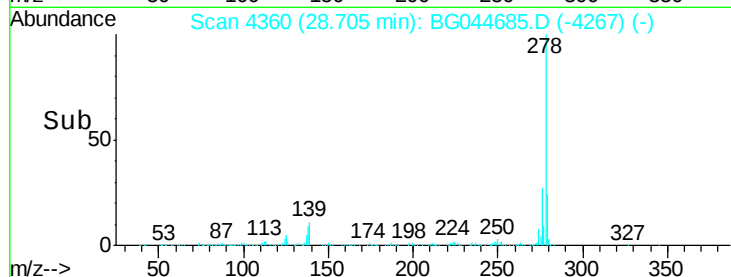
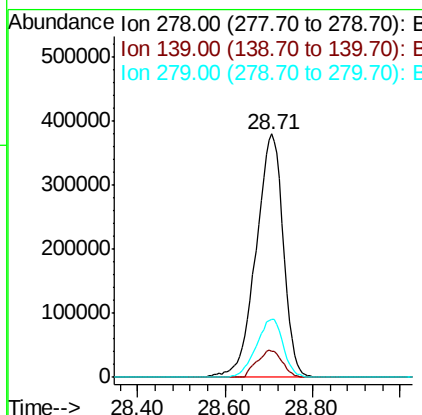
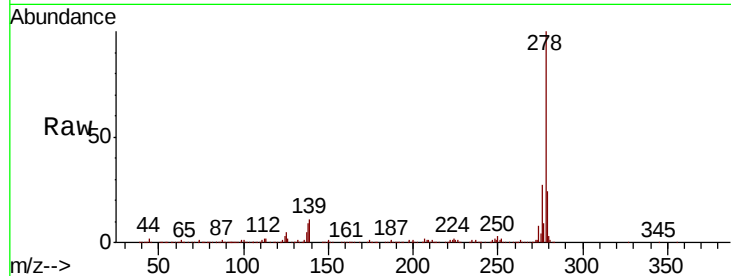
#91  
Dibenzo(a,h)anthracene  
Concen: 62.677 ng  
RT: 28.71 min Scan# 4360  
Delta R.T. 0.02 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

Tot Ion:278 Resp: 1612427  
Ion Ratio Lower Upper  
278 100  
139 10.8 8.4 12.6  
279 24.0 18.2 27.2

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 62.918 ng  
RT: 29.77 min Scan# 4542  
Delta R.T. 0.02 min  
Lab File: BG044685.D  
Acq: 5 Mar 2020 15:24

Tgt Ion:276 Resp: 1621678  
Ion Ratio Lower Upper  
276 100  
277 24.6 18.7 28.1  
138 14.3 12.7 19.1

