

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\  
 Data File : BG045271.D  
 Acq On : 7 May 2020 16:01  
 Operator : CG/JU  
 Sample : L2515-04MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMSD

Manual Integrations  
 APPROVED

mohammad  
 5/8/2020 1:00:04 PM

Quant Time: May 07 16:57:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 07 12:51:10 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.98  | 152  | 64047    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.79 | 136  | 260011   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.63 | 164  | 185667   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.38 | 188  | 445926   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.64 | 240  | 407625   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.81 | 264  | 441767   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.55  | 112 | 393998  | 101.56 | ng | 0.00 |
| 7) Phenol-d6             | 7.15  | 99  | 493748  | 85.66  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.14  | 82  | 422785  | 74.19  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.12 | 330 | 351917  | 122.69 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.25 | 172 | 999427  | 78.93  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.99 | 244 | 1826800 | 97.68  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 58179   | 33.745 | ng | # 29   |
| 3) Pyridine                    | 3.85  | 79  | 121816  | 22.948 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.75  | 42  | 58766   | 36.138 | ng | 95     |
| 6) Aniline                     | 7.30  | 93  | 208277  | 27.792 | ng | 98     |
| 8) 2-Chlorophenol              | 7.55  | 128 | 165752  | 39.755 | ng | 98     |
| 9) Benzaldehyde                | 7.11  | 77  | 111403  | 32.275 | ng | 97     |
| 10) Phenol                     | 7.18  | 94  | 174544  | 30.262 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 7.40  | 93  | 164106  | 35.736 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.87  | 146 | 180273  | 36.693 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.02  | 146 | 181423  | 37.059 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.34  | 146 | 169491  | 36.189 | ng | 96     |
| 15) Benzyl Alcohol             | 8.22  | 79  | 173697  | 35.944 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.51  | 45  | 150613  | 33.412 | ng | 92     |
| 17) 2-Methylphenol             | 8.43  | 107 | 144658  | 32.507 | ng | 99     |
| 18) Hexachloroethane           | 9.07  | 117 | 68339   | 37.133 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.79  | 70  | 148047  | 36.320 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.76  | 107 | 198380  | 31.849 | ng | 95     |
| 22) Acetophenone               | 8.80  | 105 | 271427  | 38.602 | ng | # 97   |
| 24) Nitrobenzene               | 9.18  | 77  | 224162  | 38.377 | ng | 92     |
| 25) Isophorone                 | 9.71  | 82  | 428078  | 36.683 | ng | 99     |
| 26) 2-Nitrophenol              | 9.90  | 139 | 99189   | 39.423 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 9.96  | 122 | 162068  | 40.596 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.19 | 93  | 230376  | 37.574 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.44 | 162 | 178594  | 38.743 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.66 | 180 | 196375  | 37.625 | ng | 96     |
| 31) Naphthalene                | 10.84 | 128 | 595914  | 41.895 | ng | 99     |
| 32) Benzoic acid               | 10.10 | 122 | 79956   | 27.874 | ng | 94     |
| 33) 4-Chloroaniline            | 10.94 | 127 | 78781   | 11.876 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 130936  | 36.591 | ng | 98     |
| 35) Caprolactam                | 11.71 | 113 | 47297m  | 25.780 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.08 | 107 | 215192  | 39.738 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.45 | 142 | 423015  | 38.315 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.67 | 142 | 408470m | 39.191 | ng |        |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.82 | 216 | 234802  | 39.278 | ng | 99     |

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 TP-18AMSD

Manual Integrations  
 APPROVED

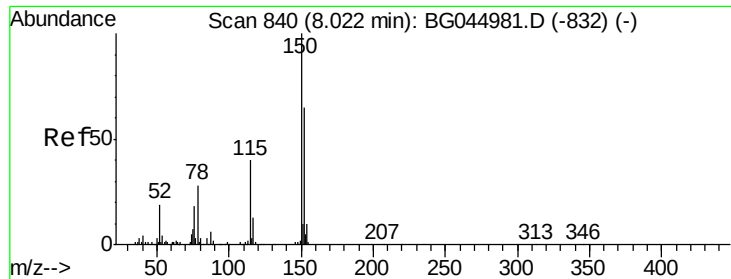
mohammad  
 5/8/2020 1:00:04 PM

Quant Time: May 07 16:57:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 07 12:51:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 256059   | 68.532 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.06 | 196  | 172249   | 40.827 | ng    | 95       |
| 44) 2,4,5-Trichlorophenol      | 13.14 | 196  | 188884   | 39.331 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.46 | 154  | 553832   | 39.246 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.50 | 162  | 416317   | 38.609 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.69 | 65   | 145823   | 41.102 | ng    | 96       |
| 49) Acenaphthylene             | 14.35 | 152  | 717972   | 40.878 | ng    | 99       |
| 50) Dimethylphthalate          | 14.08 | 163  | 680345   | 45.003 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.19 | 165  | 139099   | 41.136 | ng    | 93       |
| 52) Acenaphthene               | 14.69 | 154  | 532283m  | 44.791 | ng    |          |
| 53) 3-Nitroaniline             | 14.52 | 138  | 79556    | 21.452 | ng    | # 89     |
| 54) 2,4-Dinitrophenol          | 14.73 | 184  | 162973   | 81.053 | ng    | 95       |
| 55) Dibenzofuran               | 15.03 | 168  | 707872   | 40.857 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.84 | 139  | 184928   | 64.311 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 14.99 | 165  | 201765   | 40.830 | ng    | 97       |
| 58) Fluorene                   | 15.67 | 166  | 597595   | 42.228 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.26 | 232  | 188672   | 44.154 | ng    | 98       |
| 60) Diethylphthalate           | 15.44 | 149  | 636149   | 40.360 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 321307   | 39.446 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.69 | 138  | 132982   | 34.571 | ng    | 94       |
| 63) Azobenzene                 | 15.96 | 77   | 603395   | 41.522 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.76 | 198  | 120631   | 41.156 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.88 | 169  | 532635   | 41.572 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.56 | 248  | 229447   | 39.884 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 250854   | 42.045 | ng    | 97       |
| 69) Atrazine                   | 16.83 | 200  | 207695   | 44.379 | ng    | 96       |
| 70) Pentachlorophenol          | 17.03 | 266  | 297554   | 81.296 | ng    | 97       |
| 71) Phenanthrene               | 17.42 | 178  | 980178   | 42.775 | ng    | 99       |
| 72) Anthracene                 | 17.51 | 178  | 994640   | 43.271 | ng    | 99       |
| 73) Carbazole                  | 17.78 | 167  | 913075   | 39.143 | ng    | 97       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 1086438  | 42.442 | ng    | 100      |
| 75) Fluoranthene               | 19.43 | 202  | 1203876  | 44.649 | ng    | 98       |
| 77) Benzidine                  | 19.60 | 184  | 582029   | 49.953 | ng    | 97       |
| 78) Pyrene                     | 19.79 | 202  | 1196208  | 42.567 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 482926   | 41.458 | ng    | 100      |
| 81) Benzo(a)anthracene         | 21.62 | 228  | 1115261  | 42.213 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 245624   | 23.358 | ng    | 98       |
| 83) Chrysene                   | 21.69 | 228  | 1065308  | 41.967 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 669252   | 41.774 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.73 | 149  | 1121208  | 40.471 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.42 | 276  | 1394378  | 41.373 | ng    | # 97     |
| 88) Benzo(b)fluoranthene       | 23.81 | 252  | 1171433  | 42.333 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.88 | 252  | 1142007  | 43.396 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.67 | 252  | 1076520  | 41.204 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.48 | 278  | 1135758  | 43.141 | ng    | 95       |
| 92) Benzo(g,h,i)perylene       | 29.54 | 276  | 1163394  | 44.078 | ng    | 98       |

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





#1

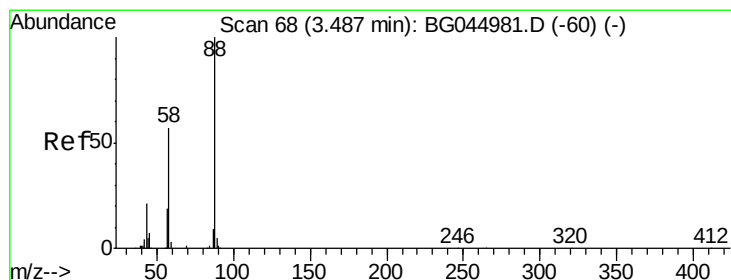
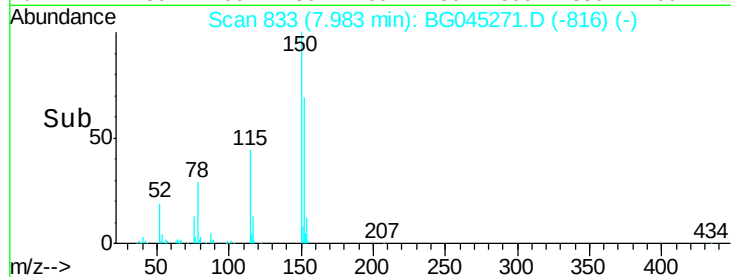
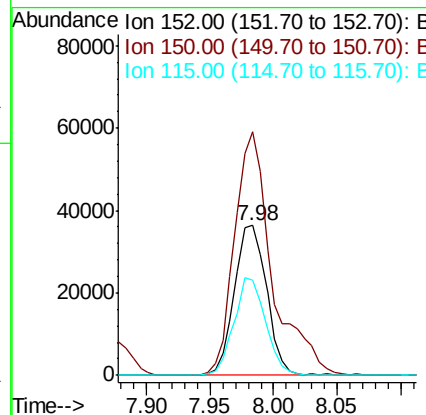
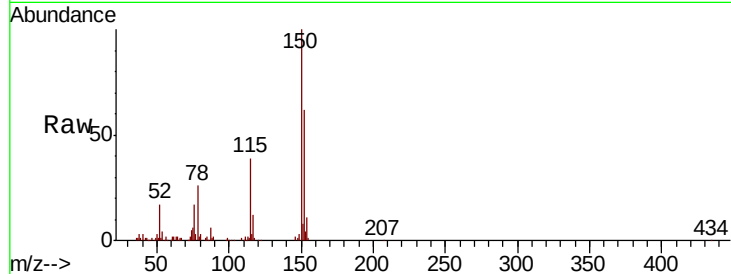
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.98 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
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TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 162.6 | 123.6 | 185.4 |
| 115     | 63.2  | 49.1  | 73.7  |

Manual Integrations  
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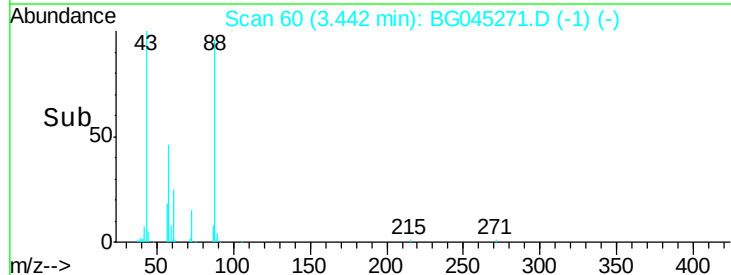
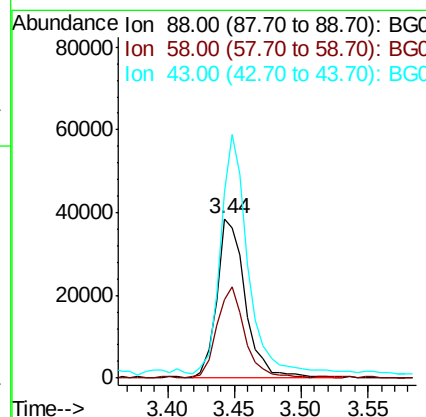
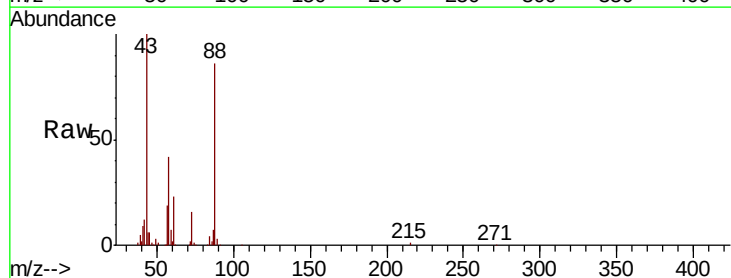
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5/8/2020 1:00:04 PM

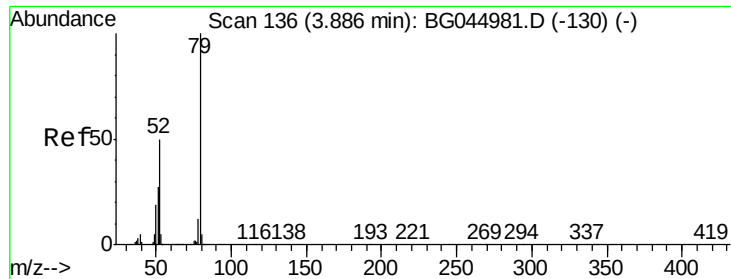


#2

1,4-Dioxane  
Concen: 33.745 ng  
RT: 3.44 min Scan# 60  
Delta R.T. 0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 56.0  | 46.6  | 69.8  |
| 43      | 142.4 | 17.5  | 26.3  |





#3

Pvridine

Concen: 22.948 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.01 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

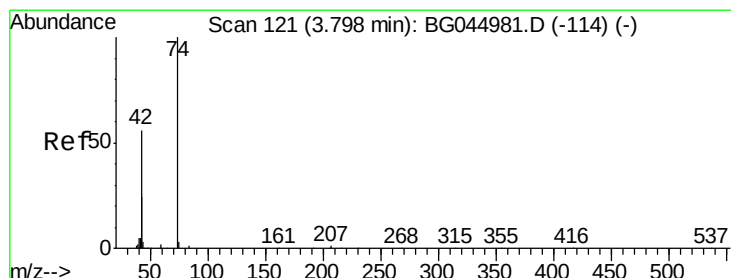
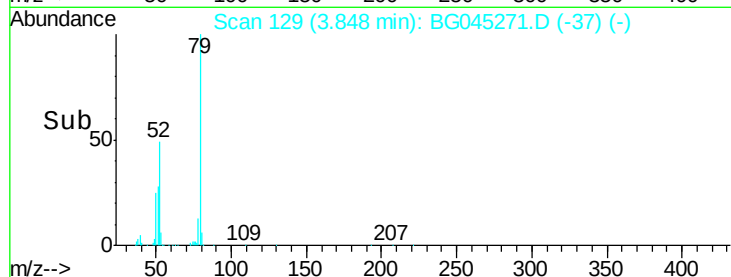
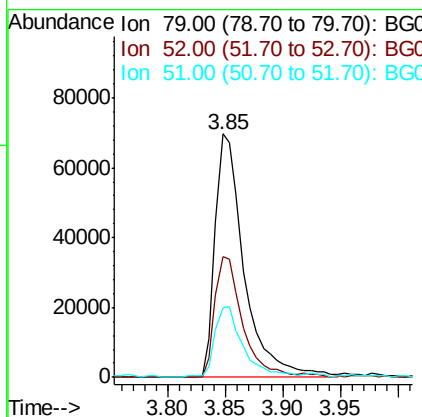
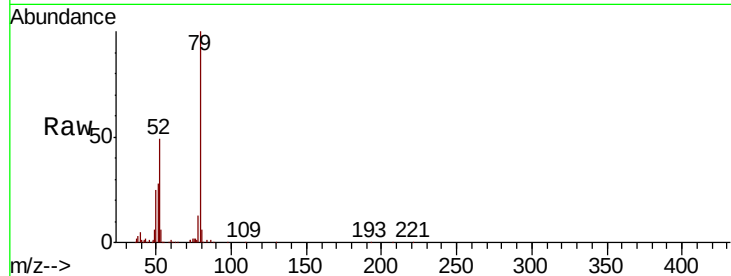
ClientSampleId :

TP-18AMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 121816 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 49.4  | 39.8  | 59.6   |
| 51       | 28.4  | 21.4  | 32.2   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 36.138 ng

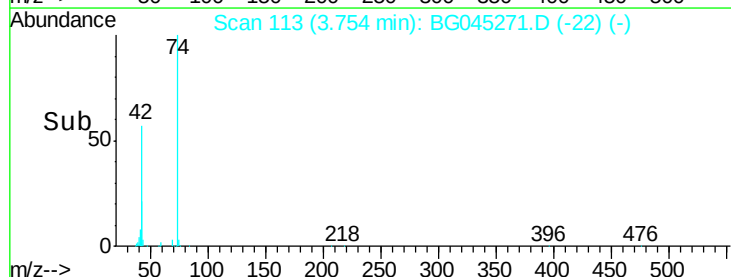
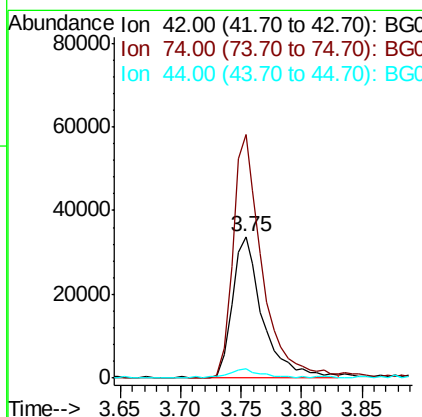
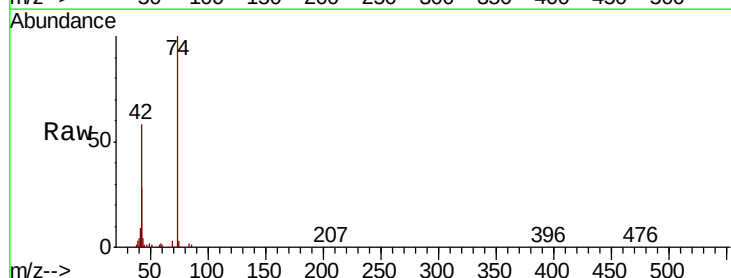
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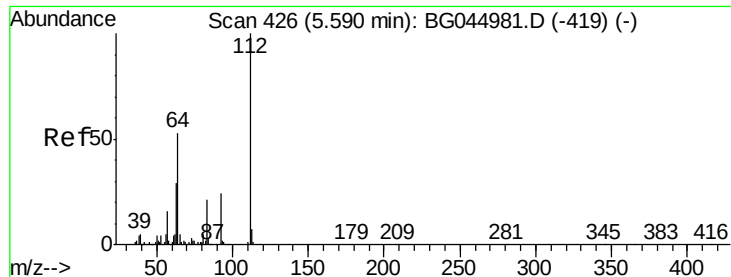
Delta R.T. 0.01 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 58766 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 172.1 | 143.0 | 214.6 |
| 44       | 6.2   | 4.6   | 6.8   |





#5

2-Fluorophenol

Concen: 101.561 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

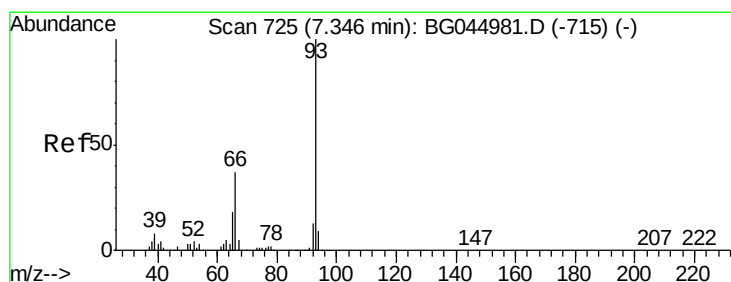
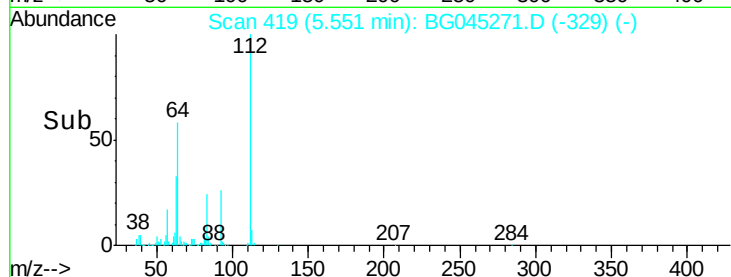
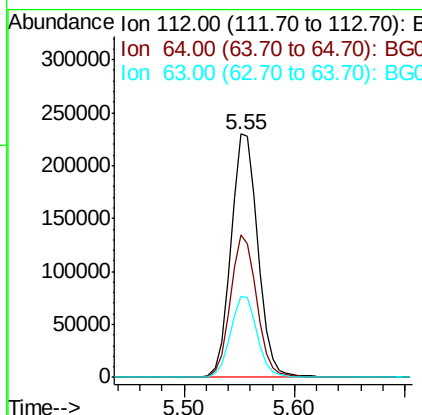
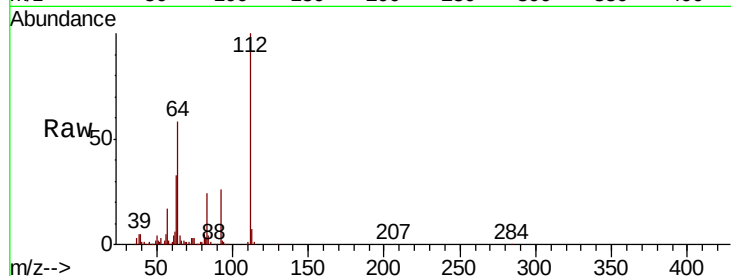
ClientSampleId :

TP-18AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 393998 |       |       |
| 64      | 58.4  | 42.4   | 63.6  |       |
| 63      | 33.4  | 23.1   | 34.7  |       |

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#6

Aniline

Concen: 27.792 ng

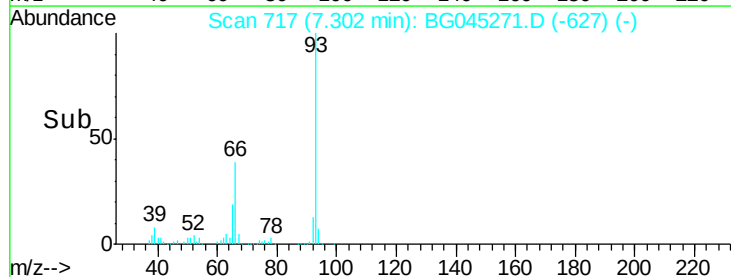
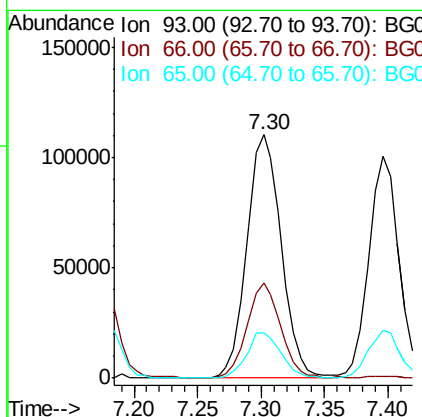
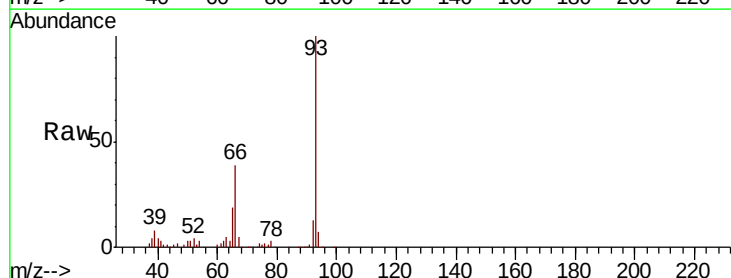
RT: 7.30 min Scan# 717

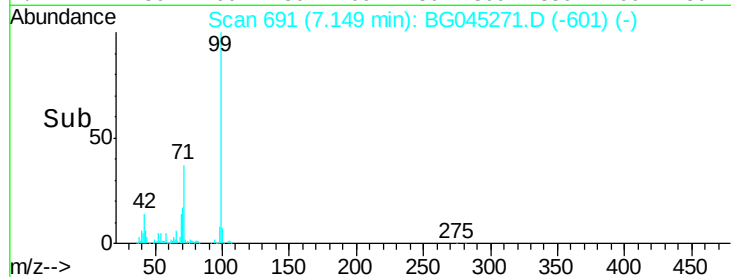
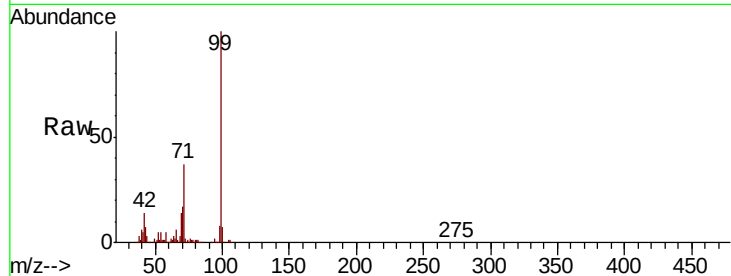
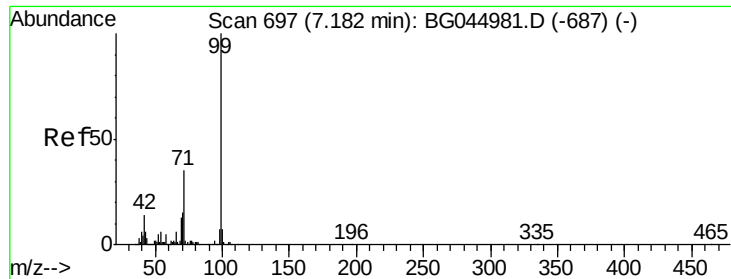
Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 208277 |       |       |
| 66      | 39.0  | 29.8   | 44.8  |       |
| 65      | 18.5  | 14.6   | 22.0  |       |





#7

Phenol-d6

Concen: 85.663 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 493748 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 14.1  | 11.3  | 16.9   |
| 71       | 37.5  | 28.3  | 42.5   |

Instrument :

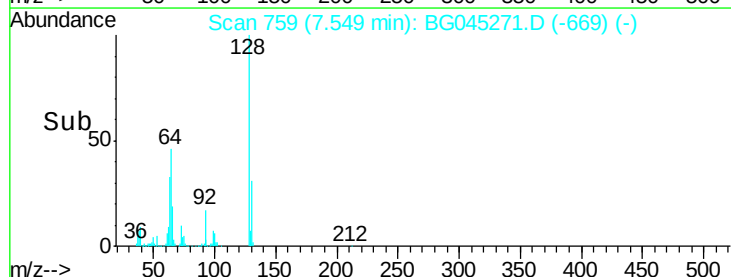
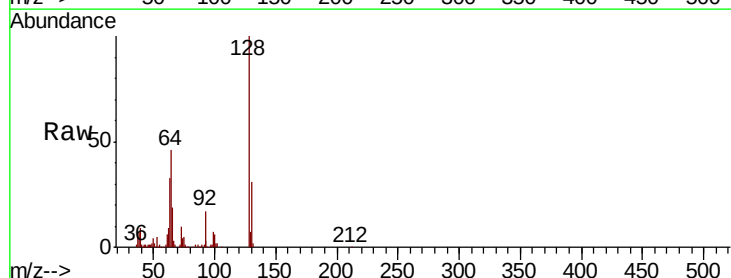
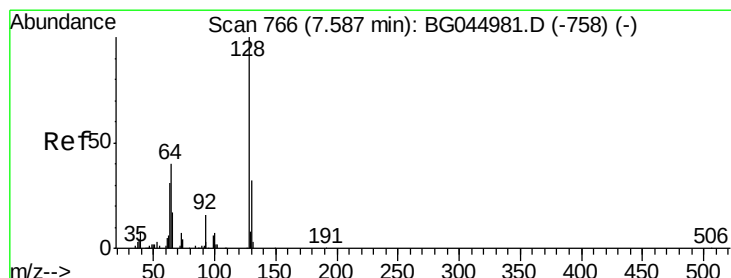
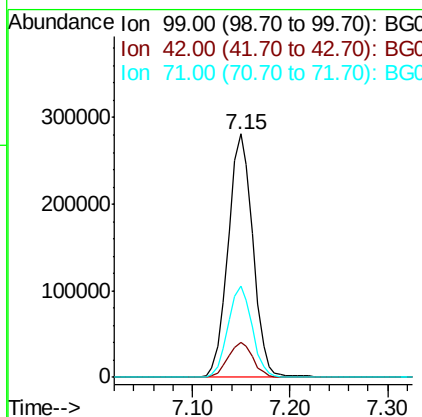
BNA\_G

ClientSampleId :

TP-18AMSD

Manual Integrations  
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#8

2-Chlorophenol

Concen: 39.755 ng

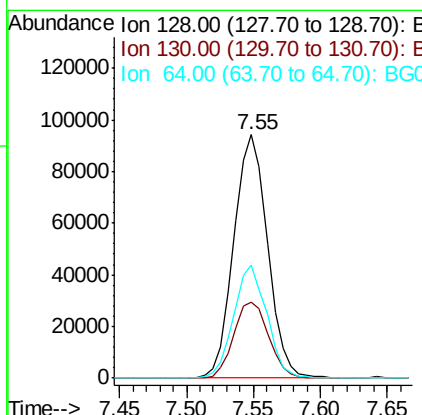
RT: 7.55 min Scan# 759

Delta R.T. 0.00 min

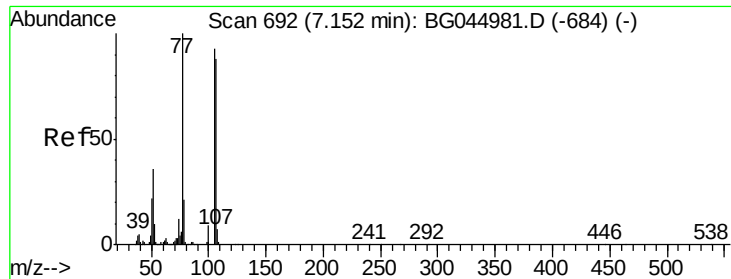
Lab File: BG045271.D

Acq: 7 May 2020 16:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 165752 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 31.5  | 12.3  | 52.3   |
| 64       | 46.4  | 24.4  | 64.4   |







#9

Benzaldehyde

Concen: 32.275 ng

RT: 7.11 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

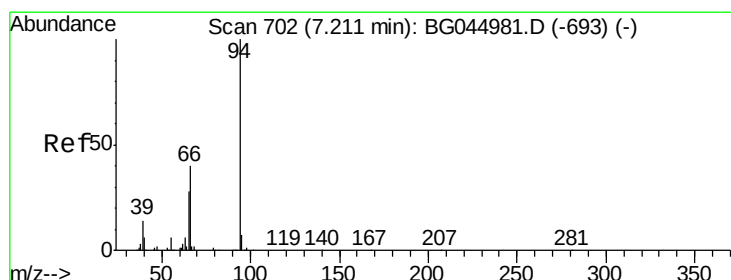
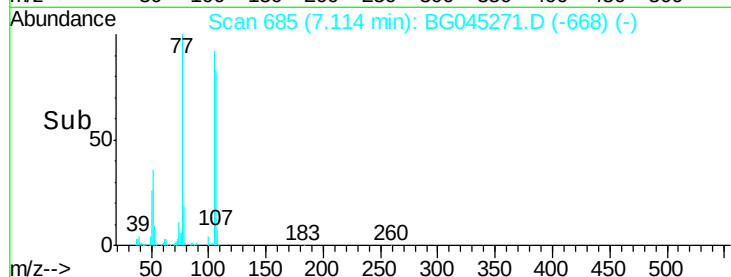
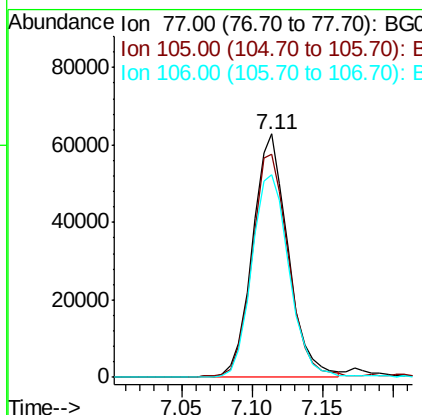
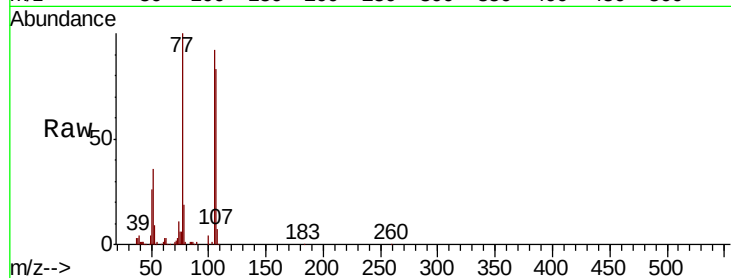
ClientSampleId :

TP-18AMSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 105     | 91.7 | 72.9  | 112.9 |       |
| 106     | 83.0 | 67.6  | 107.6 |       |

Manual Integrations  
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5/8/2020 1:00:04 PM



#10

Phenol

Concen: 30.262 ng

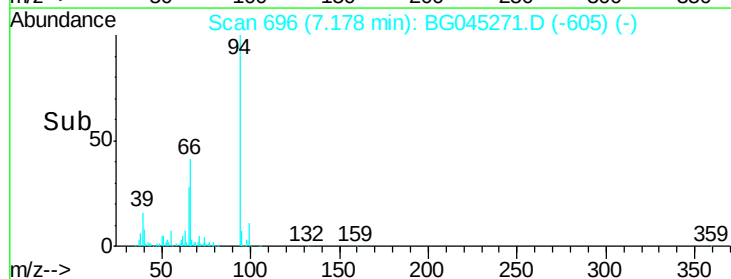
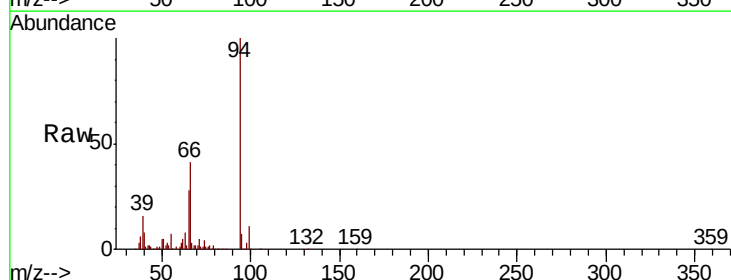
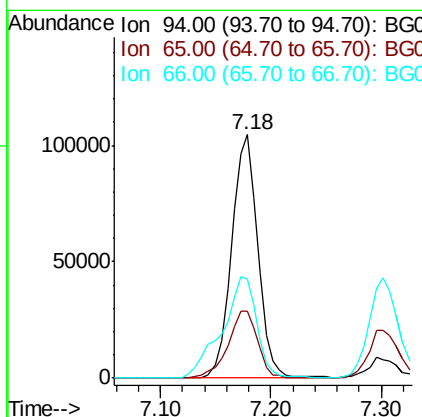
RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

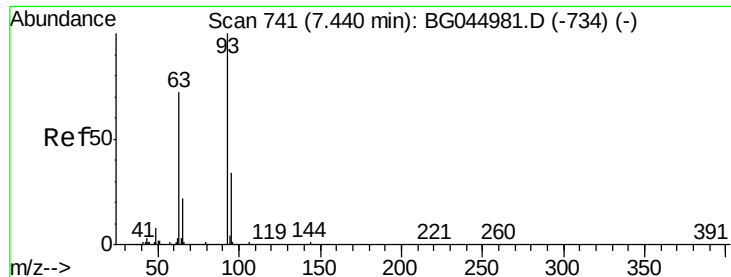
Lab File: BG045271.D

Acq: 7 May 2020 16:01

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 94      | 100  |       |       |       |
| 65      | 27.8 | 8.2   | 48.2  |       |
| 66      | 40.5 | 20.4  | 60.4  |       |







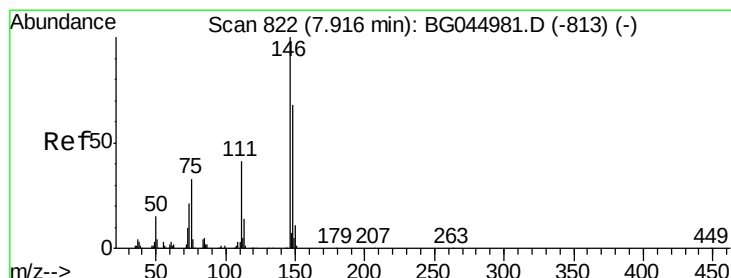
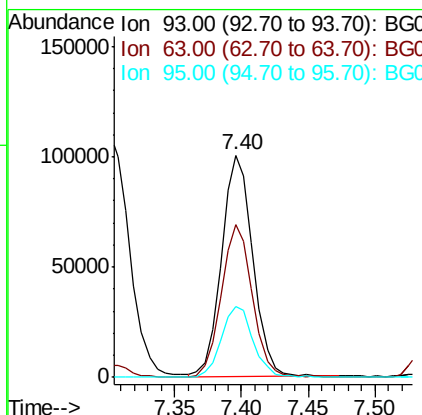
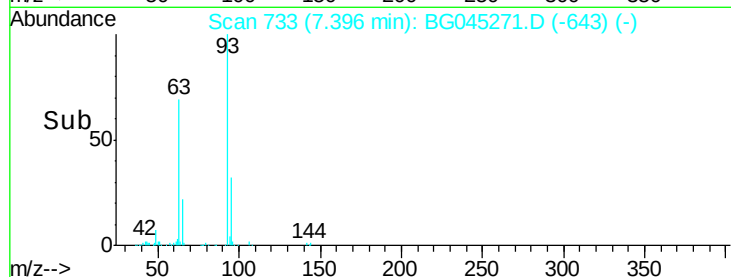
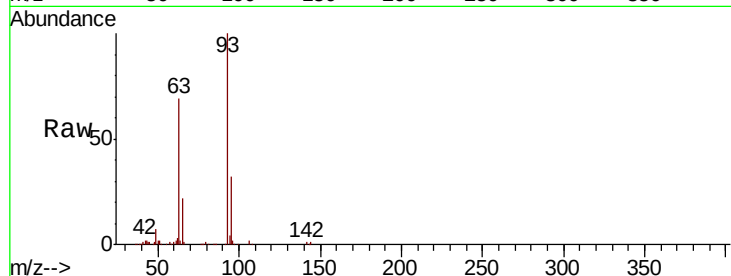
#11  
bis(2-Chloroethyl)ether  
Concen: 35.736 ng  
RT: 7.40 min Scan# 733  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 68.9  | 51.8  | 91.8  |
| 95      | 31.6  | 13.8  | 53.8  |

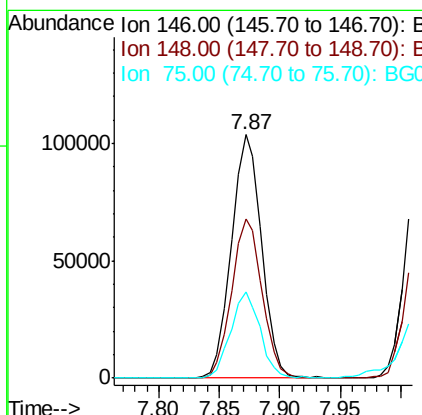
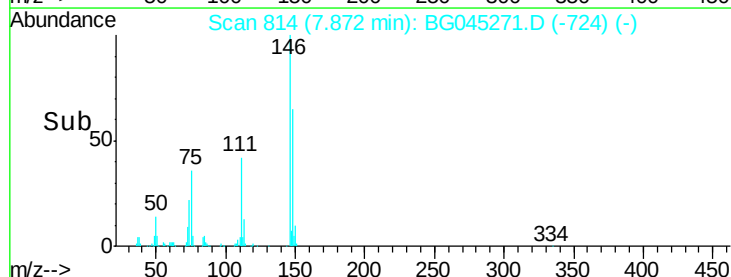
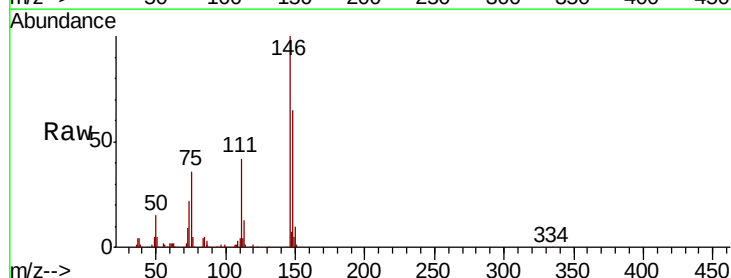
Manual Integrations  
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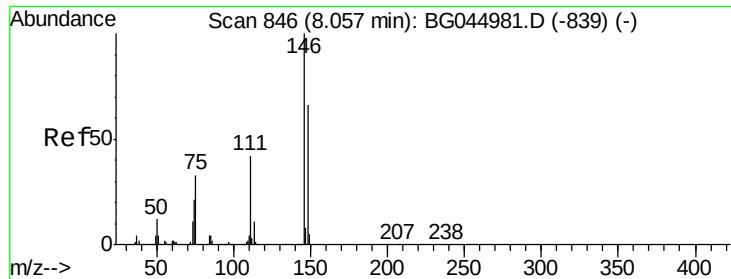
mohammad  
5/8/2020 1:00:04 PM



#12  
1,3-Dichlorobenzene  
Concen: 36.693 ng  
RT: 7.87 min Scan# 814  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 54.6  | 81.8  |
| 75      | 35.6  | 26.0  | 39.0  |





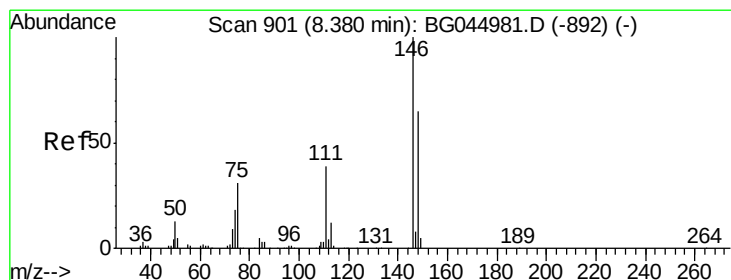
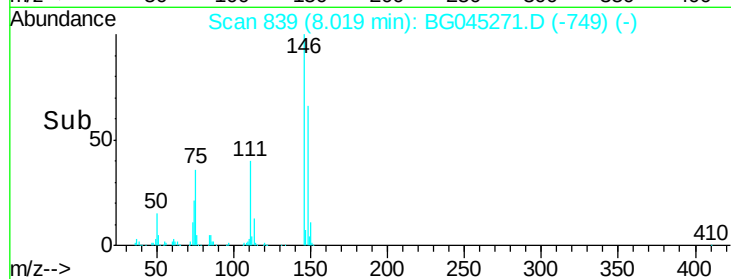
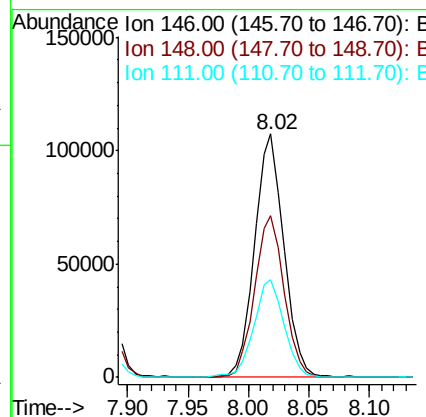
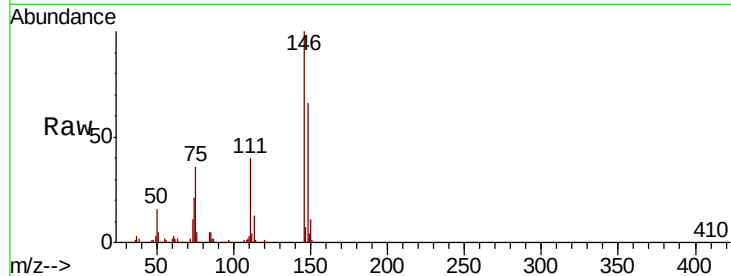
#13  
1,4-Dichlorobenzene  
Concen: 37.059 ng  
RT: 8.02 min Scan# 839  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.3  | 53.3  | 79.9  |
| 111     | 40.1  | 33.8  | 50.8  |

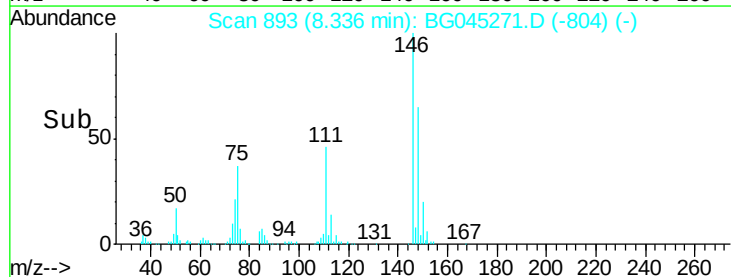
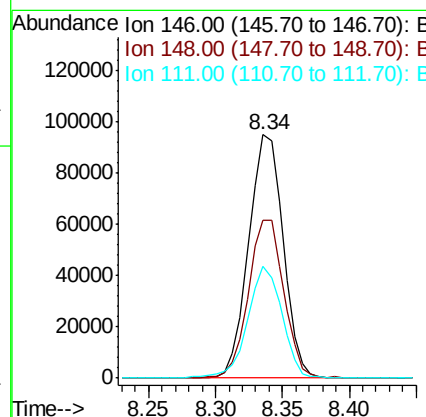
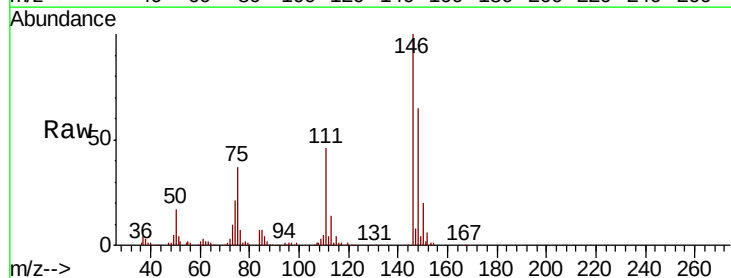
Manual Integrations  
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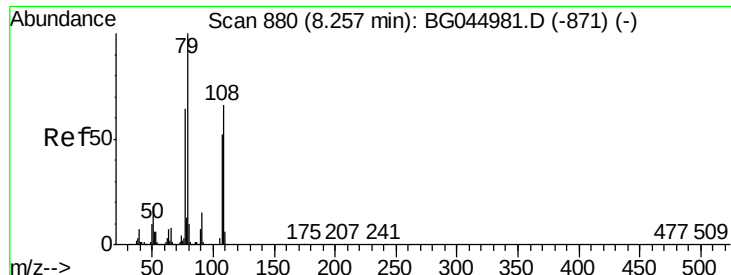
mohammad  
5/8/2020 1:00:04 PM



#14  
1,2-Dichlorobenzene  
Concen: 36.189 ng  
RT: 8.34 min Scan# 893  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 51.9  | 77.9  |
| 111     | 45.7  | 31.3  | 46.9  |





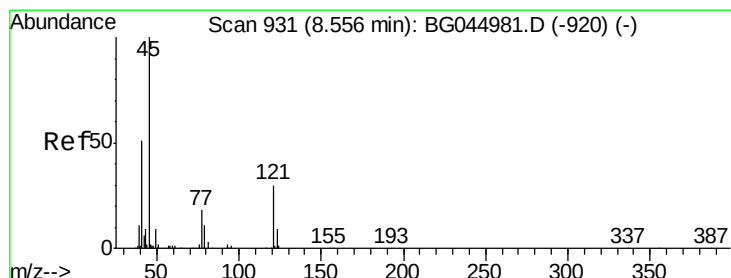
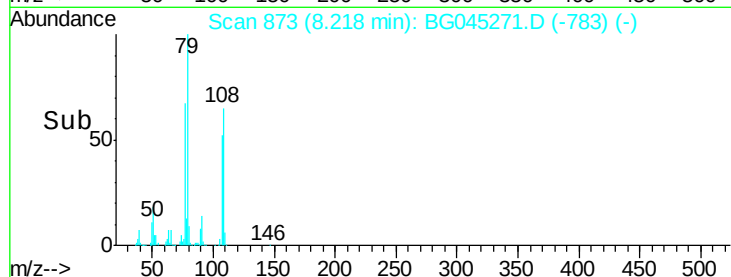
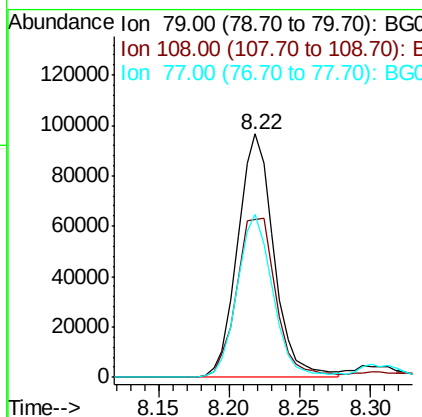
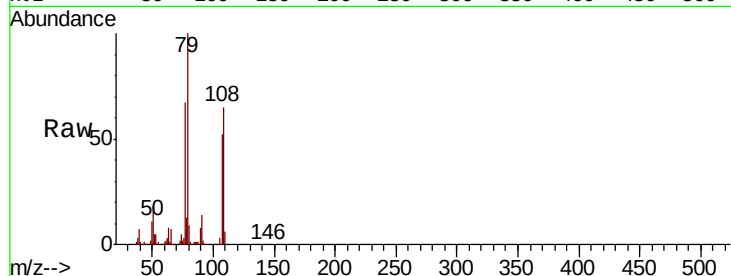
#15  
Benzyl Alcohol  
Concen: 35.944 ng  
RT: 8.22 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 64.6  | 52.7  | 79.1  |
| 77      | 66.8  | 51.3  | 76.9  |

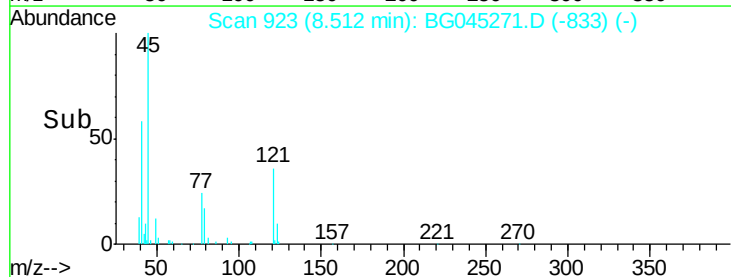
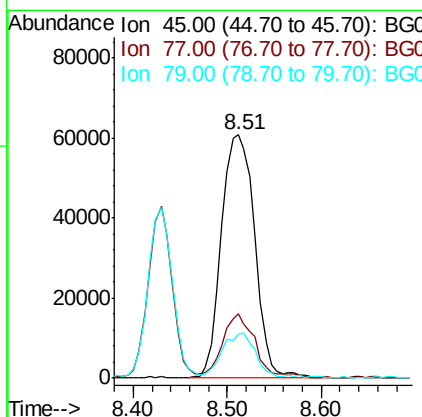
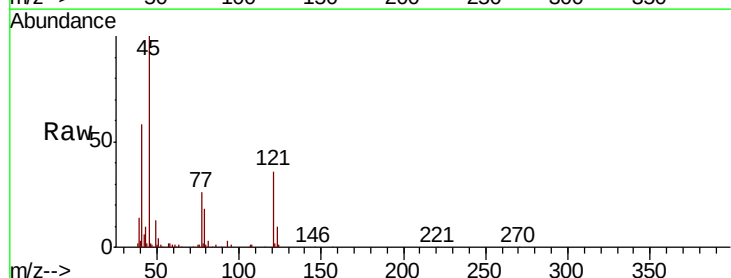
Manual Integrations  
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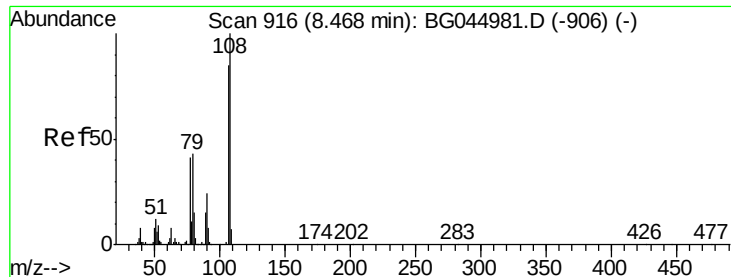
mohammad  
5/8/2020 1:00:04 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 33.412 ng  
RT: 8.51 min Scan# 923  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 26.4  | 1.9   | 41.9  |
| 79      | 18.3  | 0.0   | 35.5  |





#17

2-Methylphenol

Concen: 32.507 ng

RT: 8.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

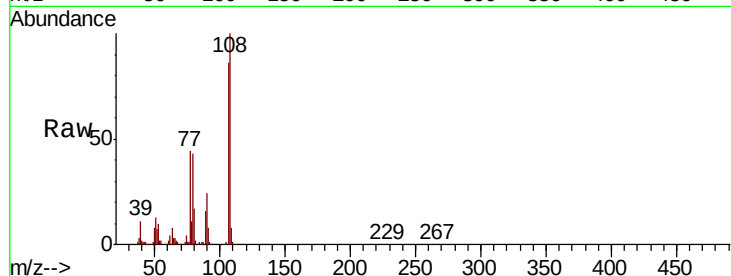
ClientSampleId :

TP-18AMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 116.9 | 93.8 | 140.6 |       |
| 77      | 51.3  | 38.5 | 57.7  |       |
| 79      | 50.8  | 40.1 | 60.1  |       |

Manual Integrations  
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5/8/2020 1:00:04 PM



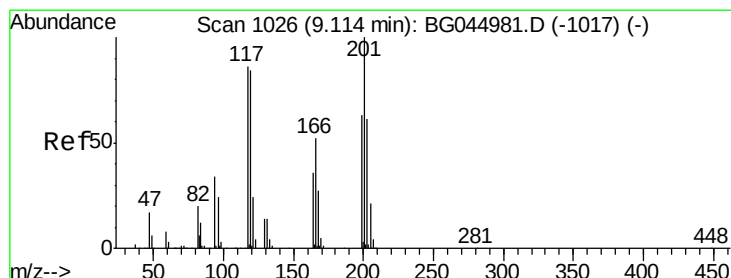
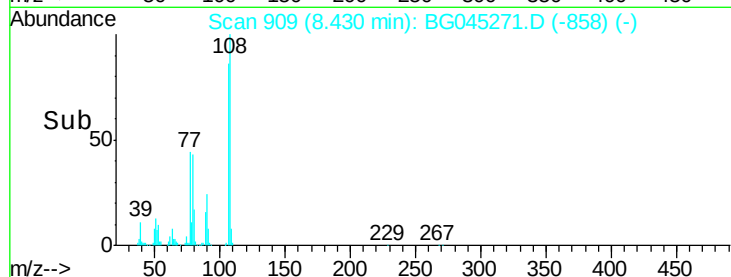
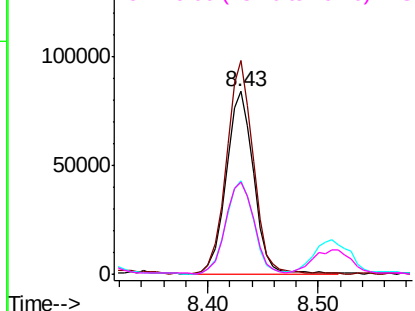
Abundance

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: 37.133 ng

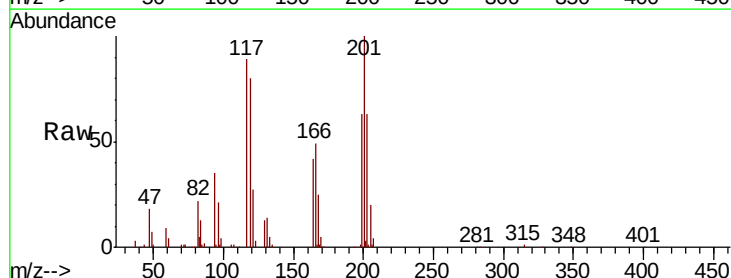
RT: 9.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 90.2  | 78.3 | 117.5 |       |
| 201     | 112.2 | 92.9 | 139.3 |       |

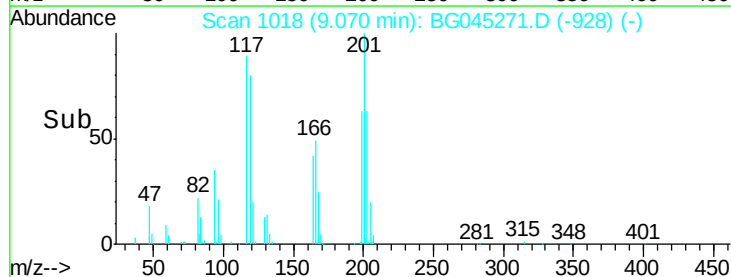
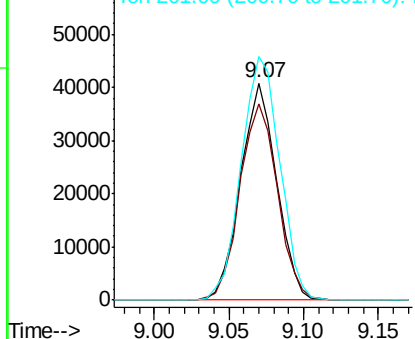


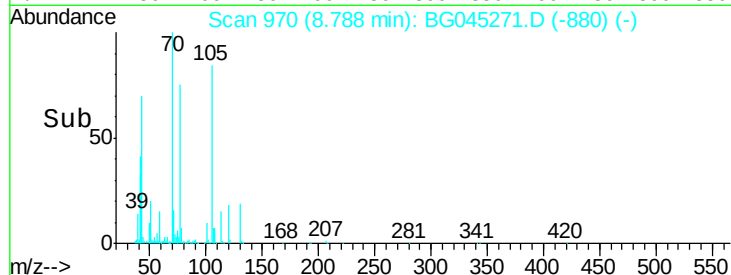
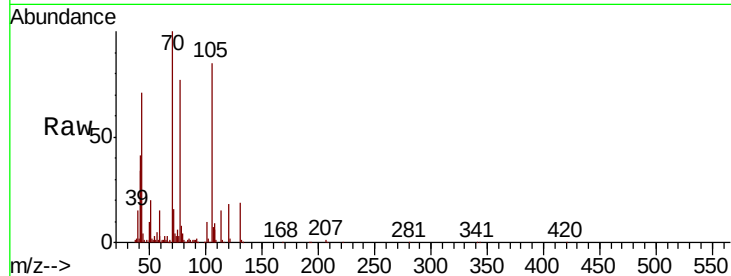
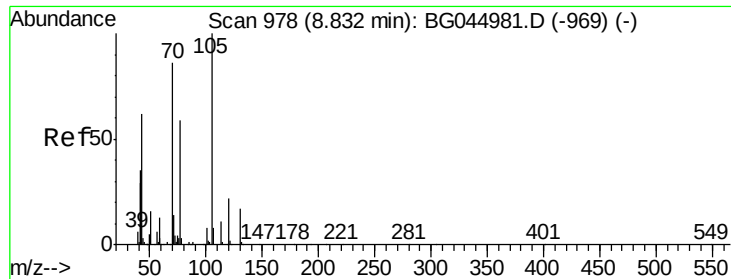
Abundance

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





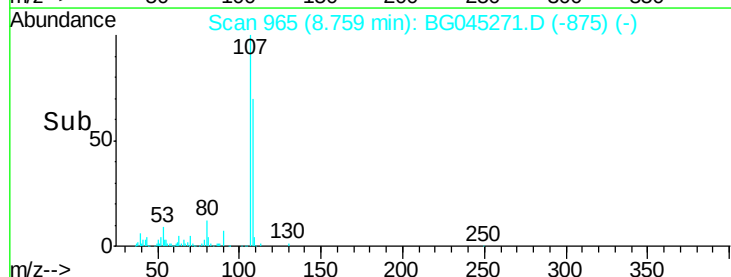
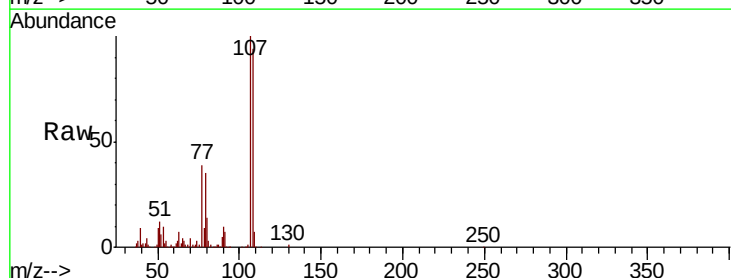
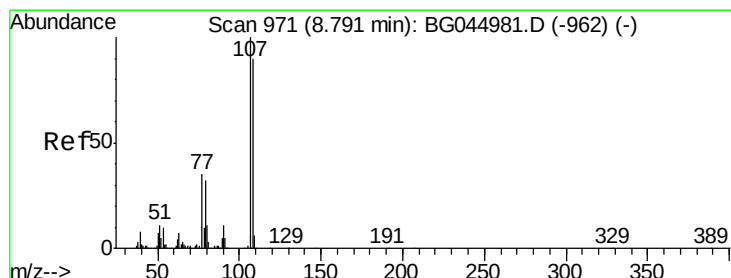
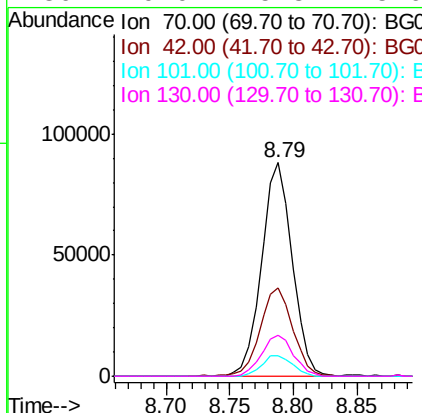
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.320 ng  
RT: 8.79 min Scan# 970  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 41.4 | 33.3  | 49.9 |       |       |
| 101     | 9.8  | 7.8   | 11.8 |       |       |
| 130     | 19.0 | 15.8  | 23.6 |       |       |

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

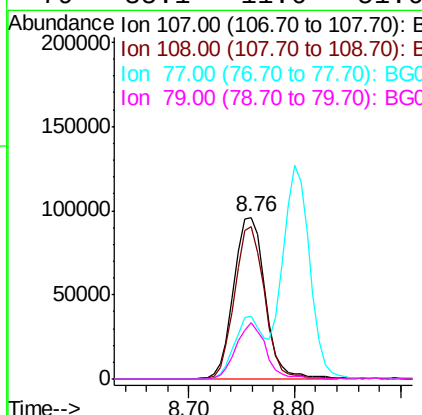
Manual Integrations  
APPROVED

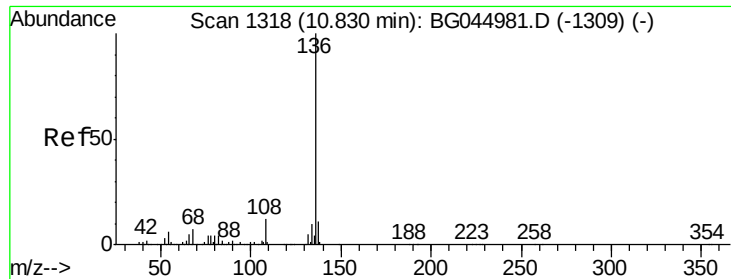
mohammad  
5/8/2020 1:00:04 PM



#20  
3+4-Methylphenols  
Concen: 31.849 ng  
RT: 8.76 min Scan# 965  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 94.2 | 69.9  | 109.9 |       |       |
| 77      | 39.1 | 15.2  | 55.2  |       |       |
| 79      | 35.1 | 11.6  | 51.6  |       |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

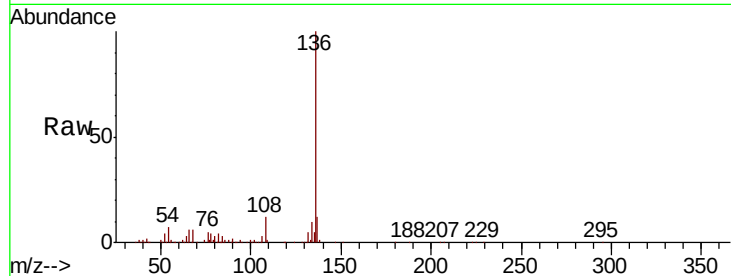
ClientSampleId :

TP-18AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 260011 |       |       |
| 137     | 11.7  | 8.6    | 13.0  |       |
| 54      | 6.9   | 4.8    | 7.2   |       |
| 68      | 5.8   | 5.2    | 7.8   |       |

Manual Integrations  
APPROVED

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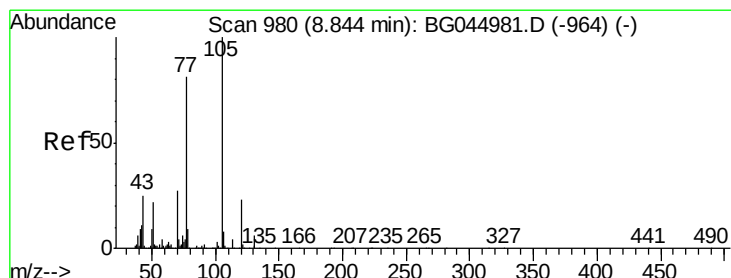
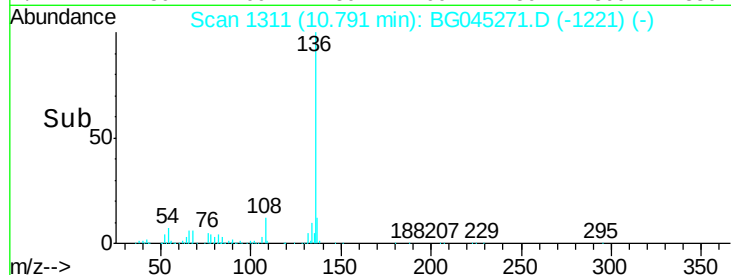
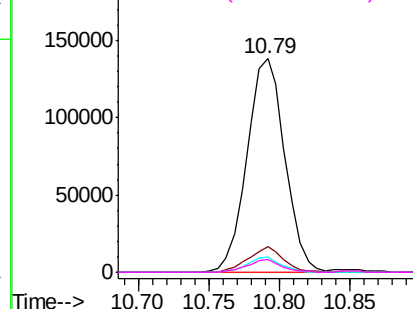
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.602 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 271427 |       |       |
| 71      | 5.2   | 3.3    | 4.9#  |       |
| 51      | 22.4  | 17.3   | 25.9  |       |
| 120     | 21.3  | 18.4   | 27.6  |       |

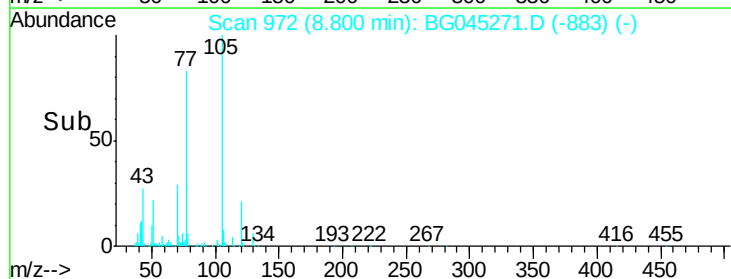
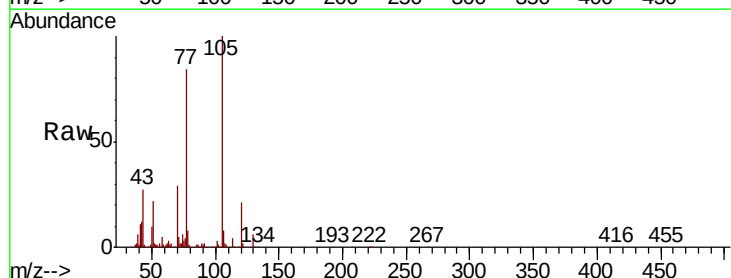
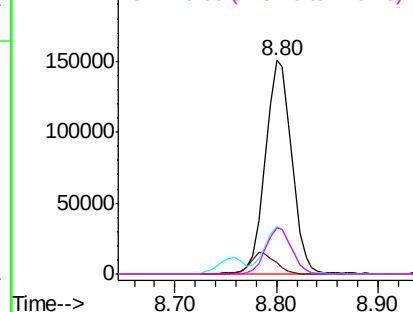
Abundance

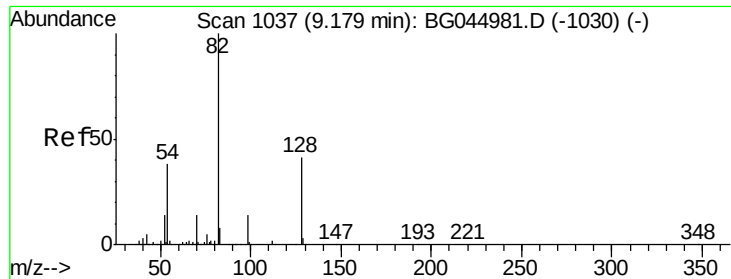
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





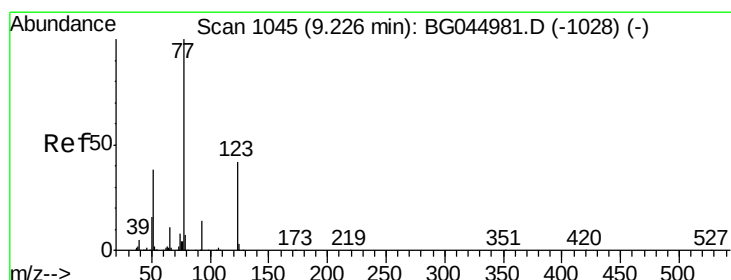
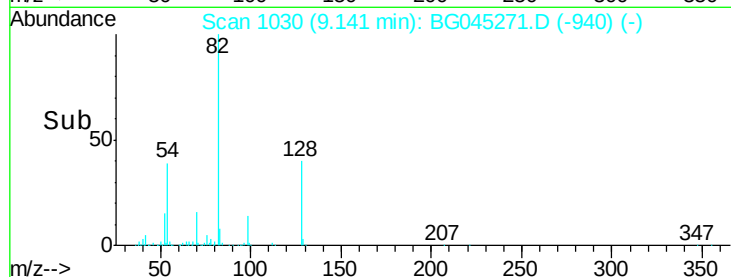
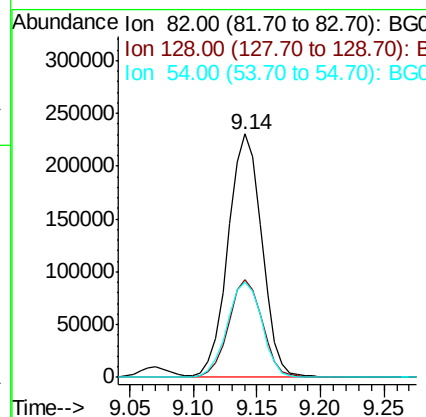
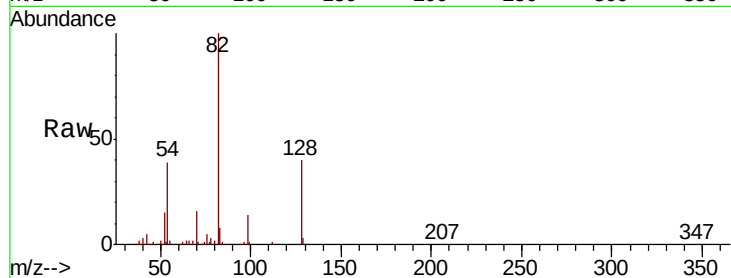
#23  
Nitrobenzene-d5  
Concen: 74.194 ng  
RT: 9.14 min Scan# 1030  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.9  | 33.0  | 49.4  |
| 54      | 39.3  | 30.4  | 45.6  |

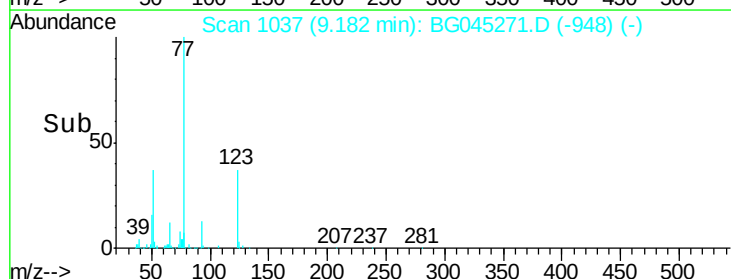
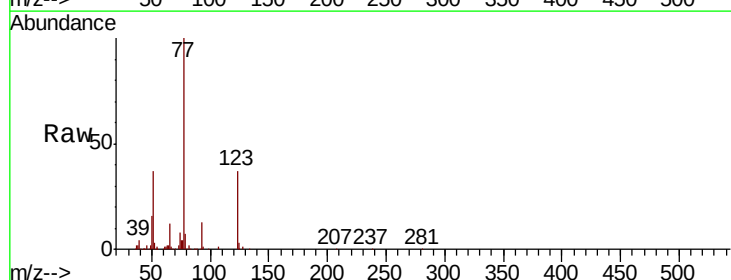
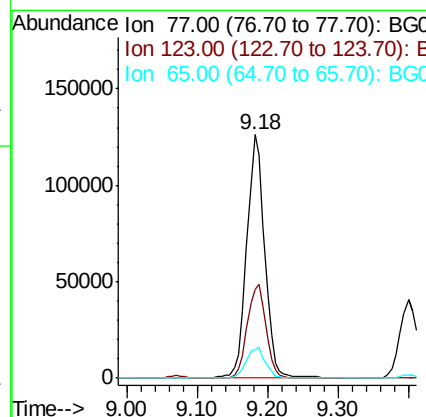
Manual Integrations  
APPROVED

mohammad  
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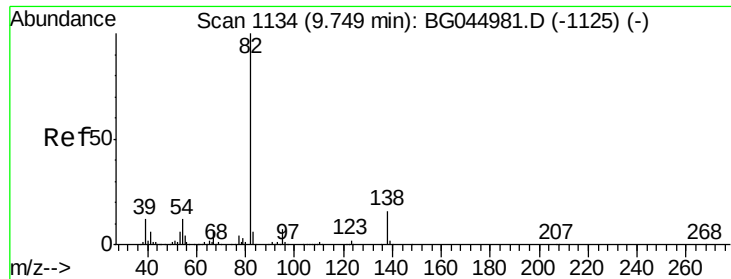


#24  
Nitrobenzene  
Concen: 38.377 ng  
RT: 9.18 min Scan# 1037  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 36.5  | 34.3  | 51.5  |
| 65      | 11.9  | 8.9   | 13.3  |







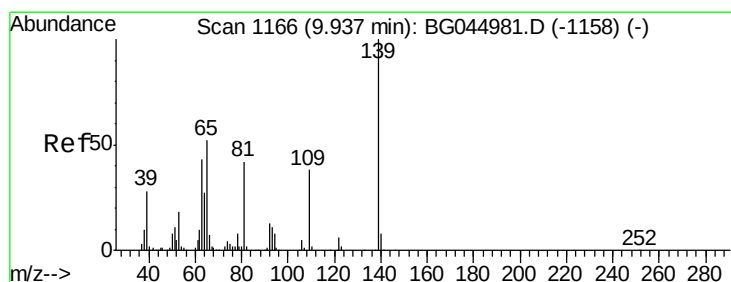
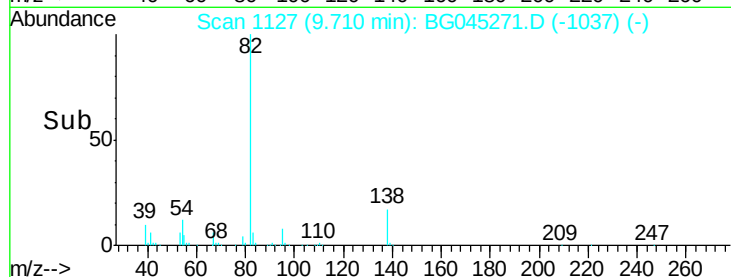
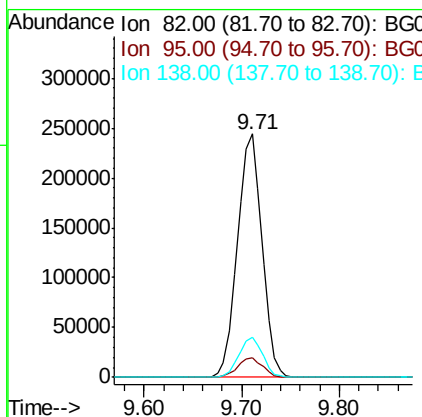
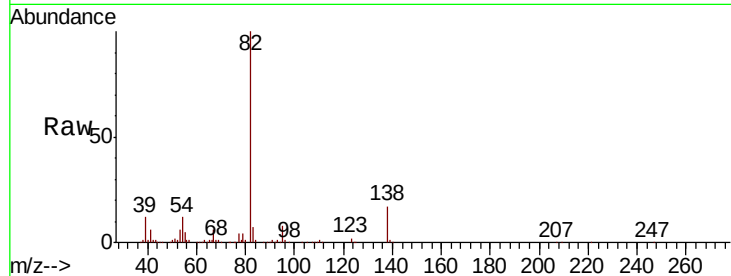
#25  
Isophorone  
Concen: 36.683 ng  
RT: 9.71 min Scan# 1127  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 8.0   | 6.0  | 9.0   |       |
| 138     | 16.5  | 12.7 | 19.1  |       |

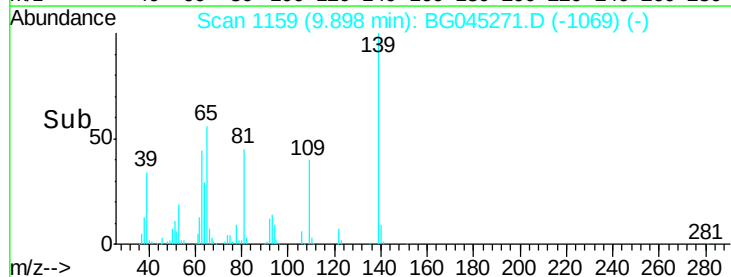
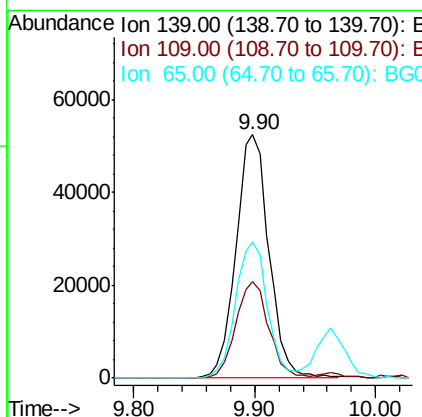
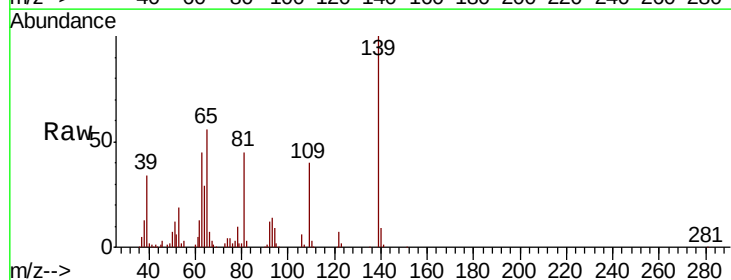
Manual Integrations  
APPROVED

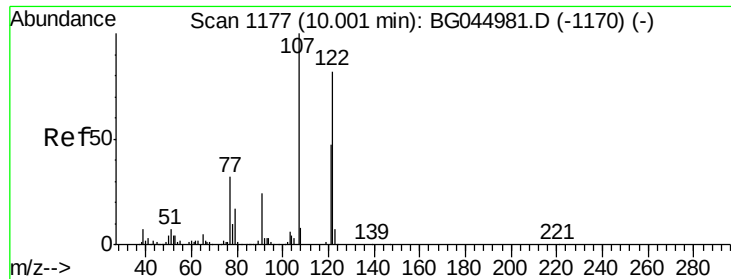
mohammad  
5/8/2020 1:00:04 PM



#26  
2-Nitrophenol  
Concen: 39.423 ng  
RT: 9.90 min Scan# 1159  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 39.7  | 30.6 | 45.8  |       |
| 65      | 55.9  | 41.8 | 62.6  |       |





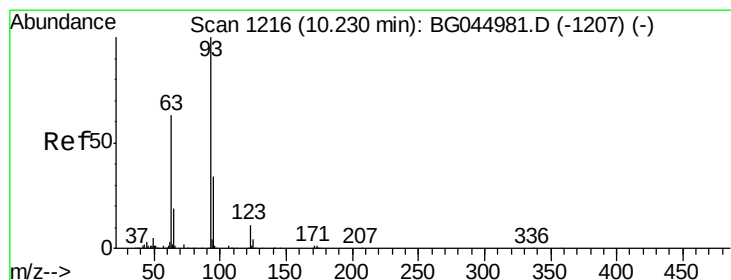
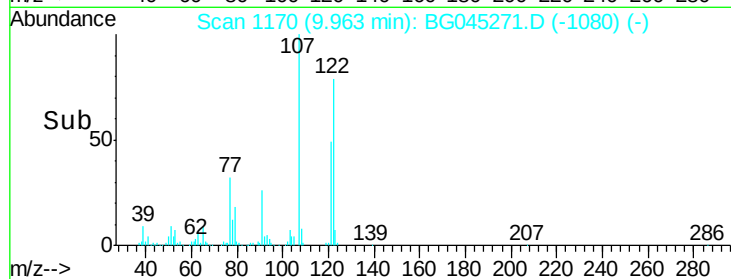
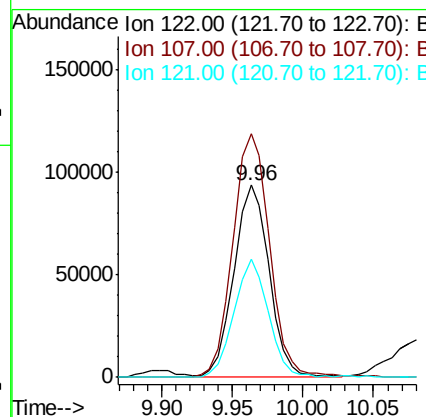
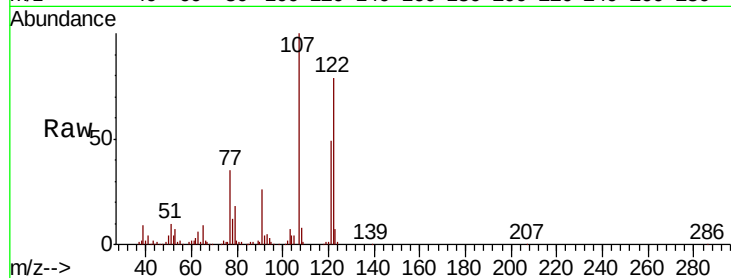
#27  
 2,4-Dimethylphenol  
 Concen: 40.596 ng  
 RT: 9.96 min Scan# 1170  
 Delta R.T. 0.00 min  
 Lab File: BG045271.D  
 Acq: 7 May 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 126.7 | 96.8  | 145.2 |
| 121     | 61.8  | 45.6  | 68.4  |

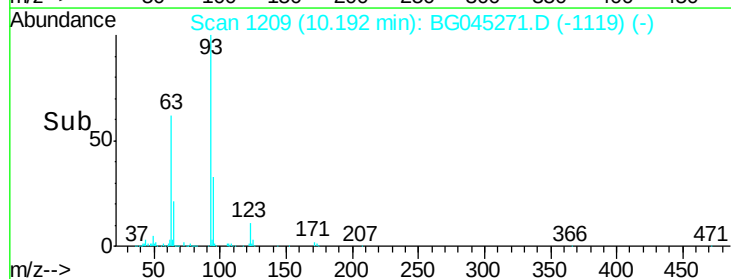
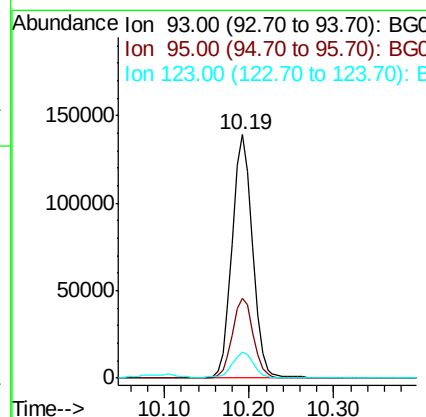
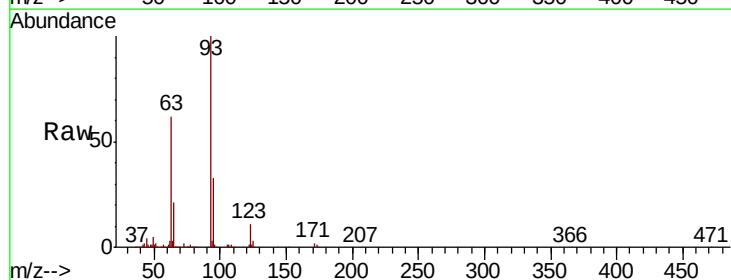
Manual Integrations  
 APPROVED

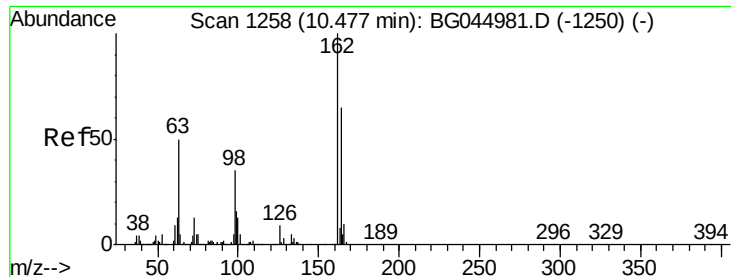
mohammad  
 5/8/2020 1:00:04 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.574 ng  
 RT: 10.19 min Scan# 1209  
 Delta R.T. 0.00 min  
 Lab File: BG045271.D  
 Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.9  | 27.0  | 40.4  |
| 123     | 10.8  | 8.7   | 13.1  |





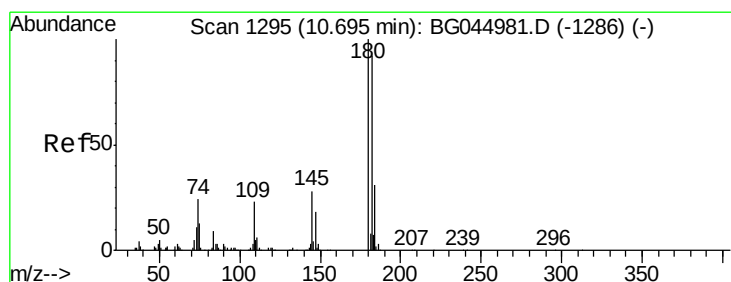
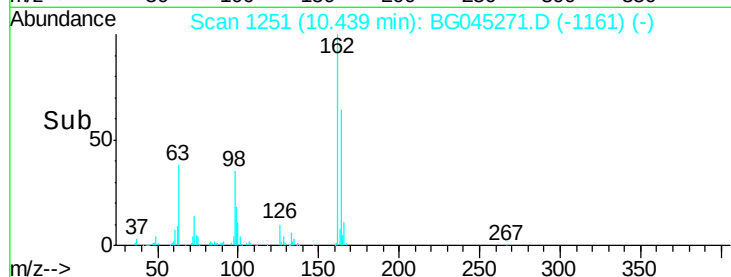
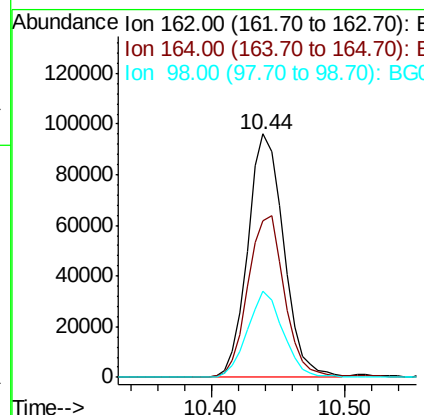
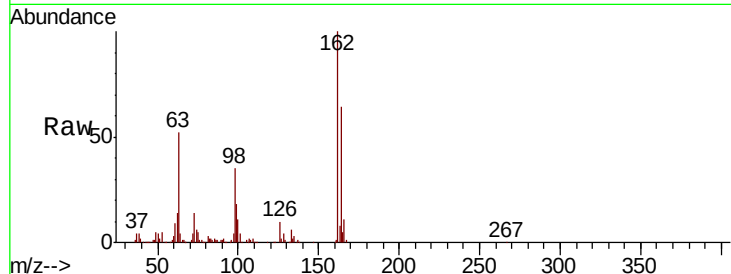
#29  
 2,4-Dichlorophenol  
 Concen: 38.743 ng  
 RT: 10.44 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: BG045271.D  
 Acq: 7 May 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 178594 |       |       |
| 164     | 64.5  | 45.0   | 85.0  |       |
| 98      | 35.4  | 15.2   | 55.2  |       |

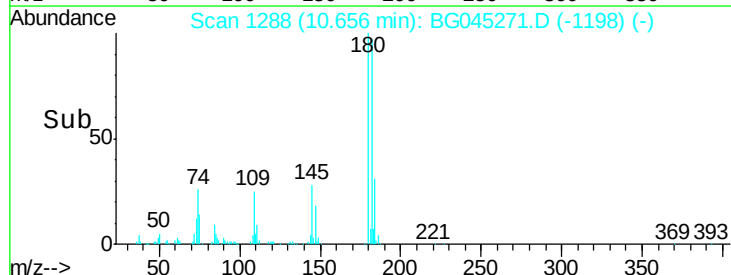
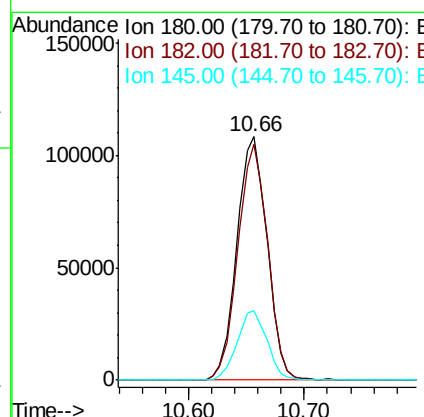
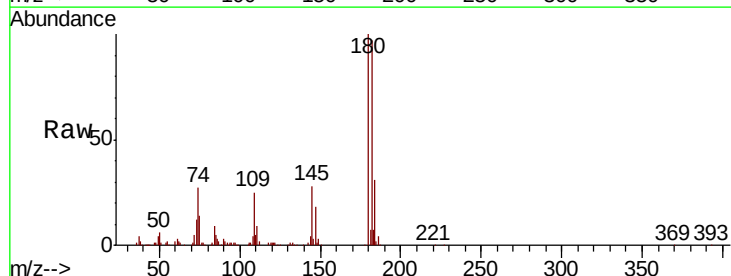
Manual Integrations  
 APPROVED

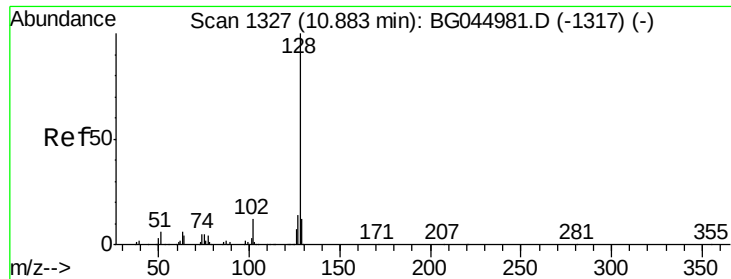
mohammad  
 5/8/2020 1:00:04 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.625 ng  
 RT: 10.66 min Scan# 1288  
 Delta R.T. 0.00 min  
 Lab File: BG045271.D  
 Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 196375 |       |       |
| 182     | 96.8  | 73.3   | 109.9 |       |
| 145     | 28.5  | 22.6   | 33.8  |       |





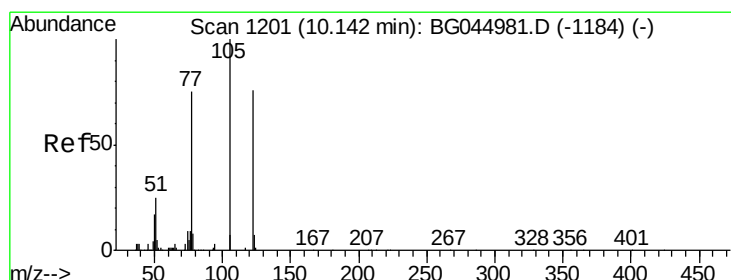
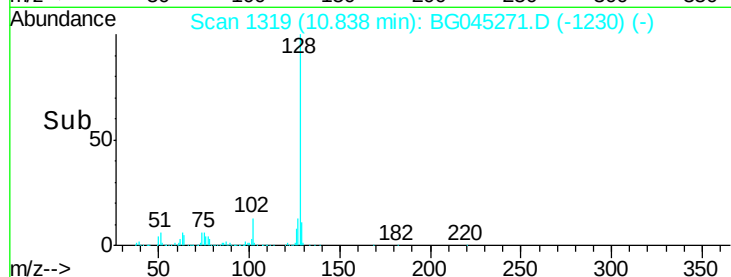
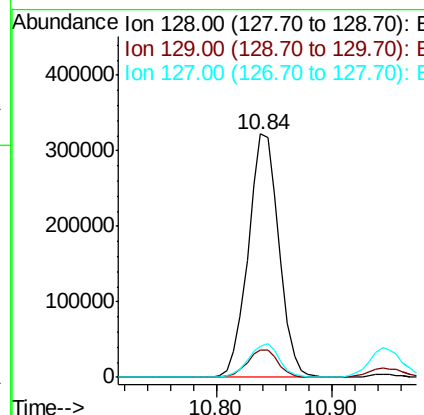
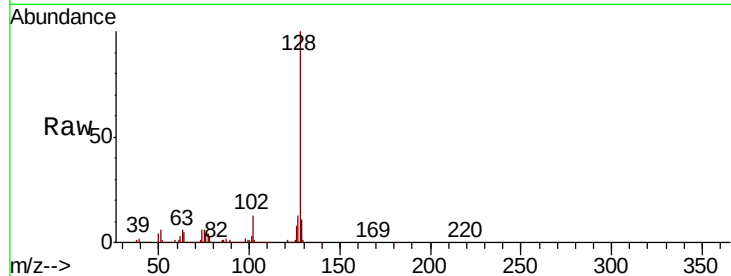
#31  
Naphthalene  
Concen: 41.895 ng  
RT: 10.84 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 11.5  | 9.4  | 14.2  |       |
| 127     | 12.8  | 10.8 | 16.2  |       |

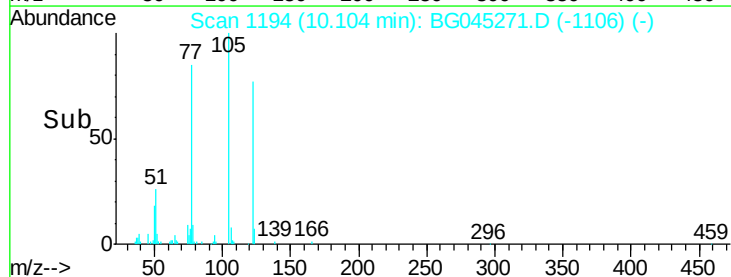
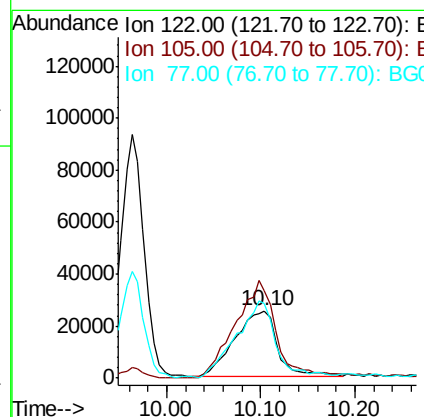
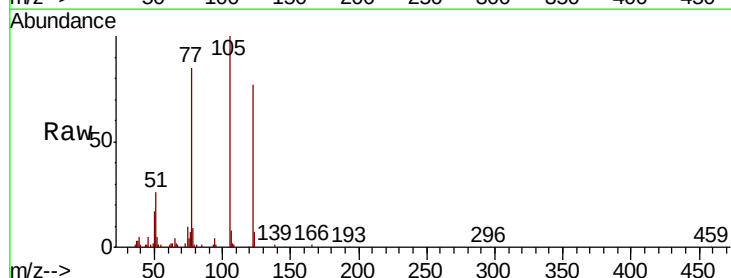
Manual Integrations  
APPROVED

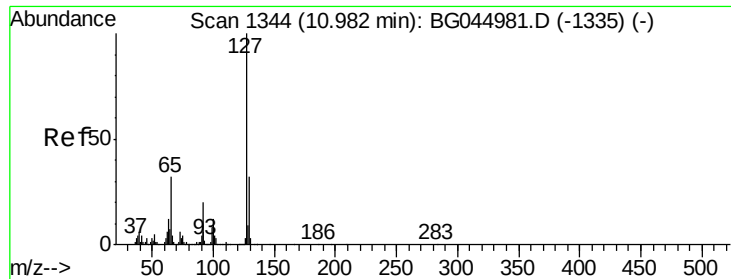
mohammad  
5/8/2020 1:00:04 PM



#32  
Benzoic acid  
Concen: 27.874 ng  
RT: 10.10 min Scan# 1194  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 130.4 | 108.4 | 148.4 |       |
| 77      | 110.5 | 78.8  | 118.8 |       |





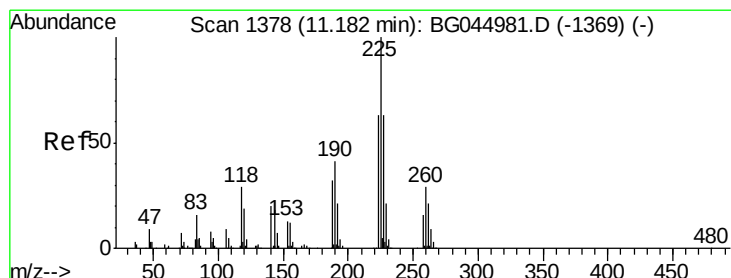
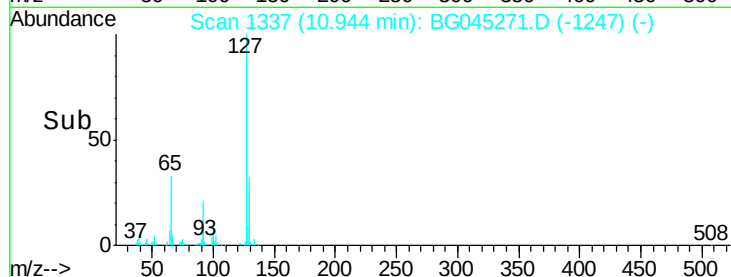
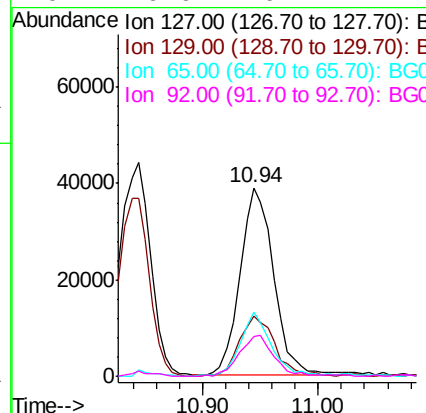
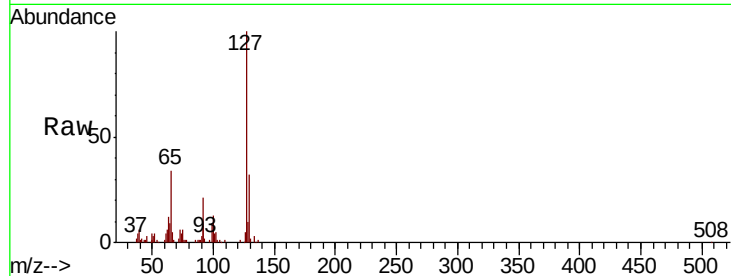
#33  
4-Chloroaniline  
Concen: 11.876 ng  
RT: 10.94 min Scan# 1337  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 78781 |       |       |
| 129     | 32.2 | 25.7  | 38.5  |       |       |
| 65      | 33.7 | 25.4  | 38.2  |       |       |
| 92      | 20.9 | 16.1  | 24.1  |       |       |

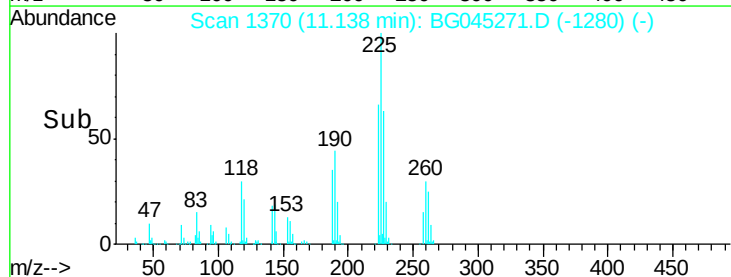
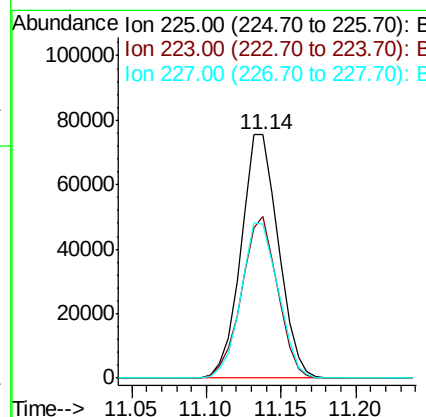
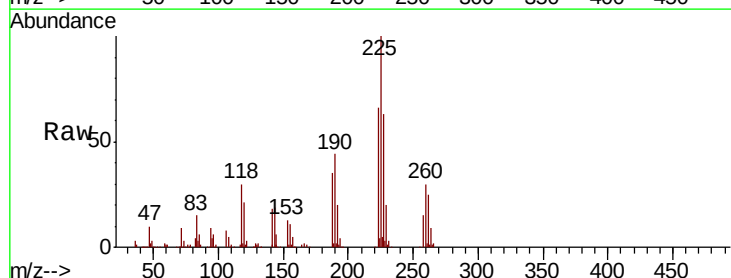
Manual Integrations  
APPROVED

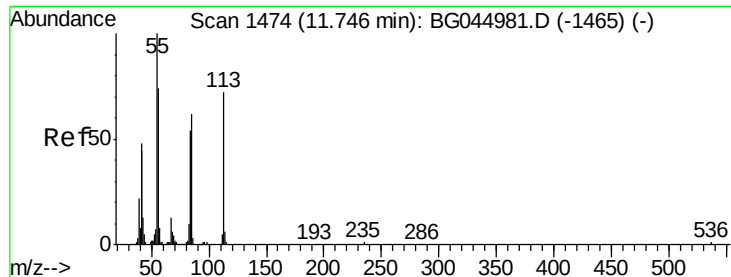
mohammad  
5/8/2020 1:00:04 PM



#34  
Hexachlorobutadiene  
Concen: 36.591 ng  
RT: 11.14 min Scan# 1370  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 130936 |       |       |
| 223     | 66.5 | 50.7  | 76.1   |       |       |
| 227     | 63.1 | 50.2  | 75.2   |       |       |





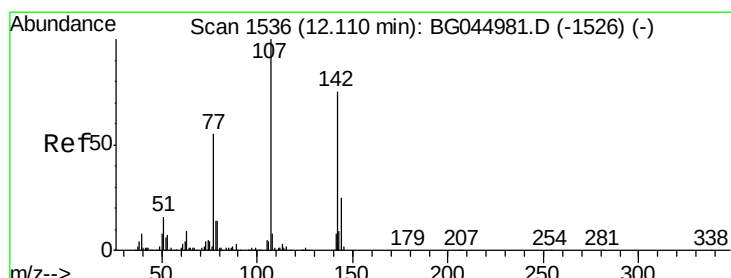
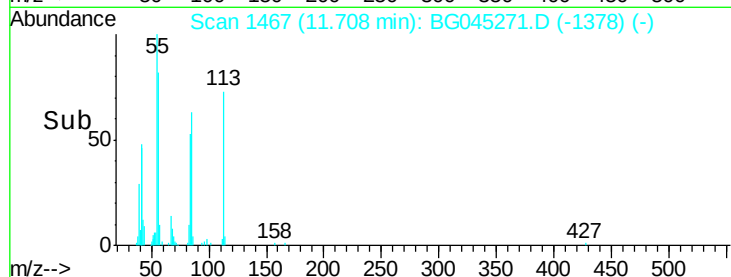
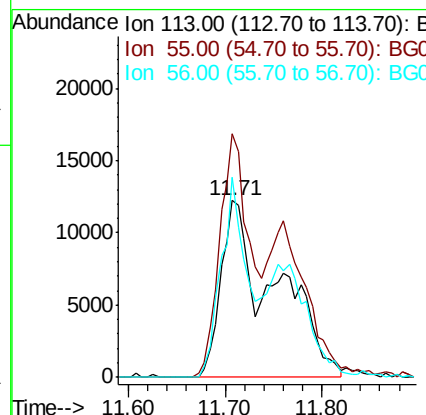
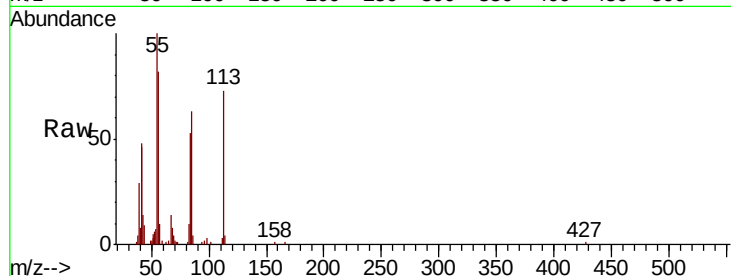
#35  
Caprolactam  
Concen: 25.780 ng/ml  
RT: 11.71 min Scan# 1467  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 137.8 | 118.8 | 158.8 |
| 56      | 112.9 | 82.6  | 122.6 |

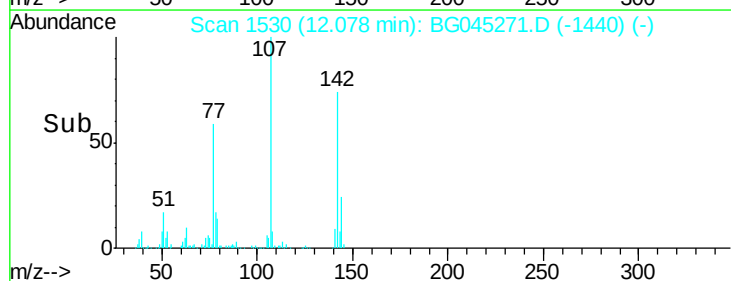
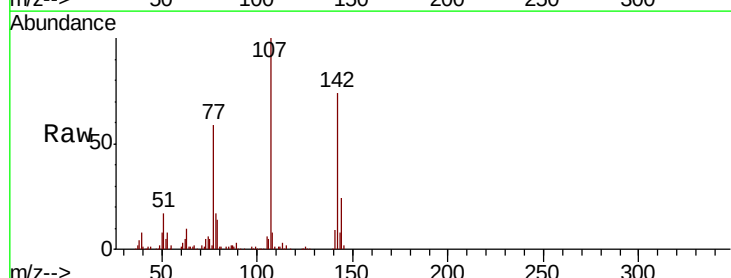
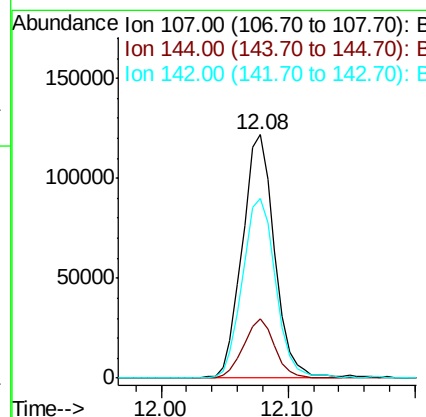
Manual Integrations  
APPROVED

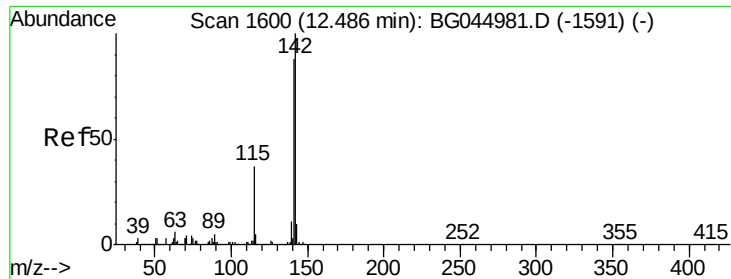
mohammad  
5/8/2020 1:00:04 PM



#36  
4-Chloro-3-methylphenol  
Concen: 39.738 ng/ml  
RT: 12.08 min Scan# 1530  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.5  | 19.8  | 29.6  |
| 142     | 73.8  | 59.7  | 89.5  |





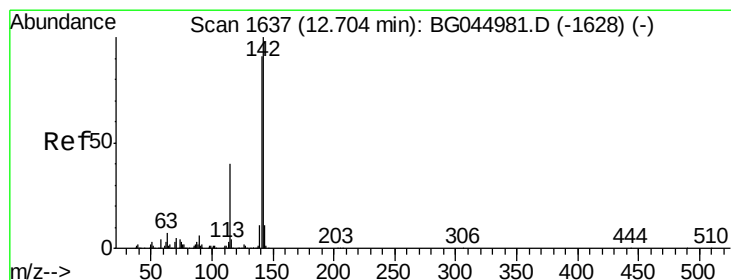
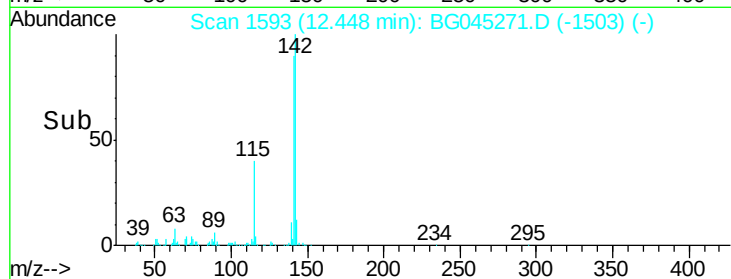
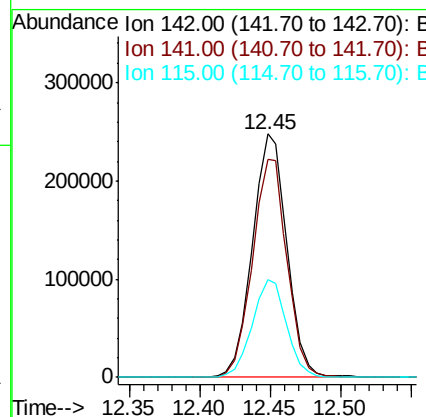
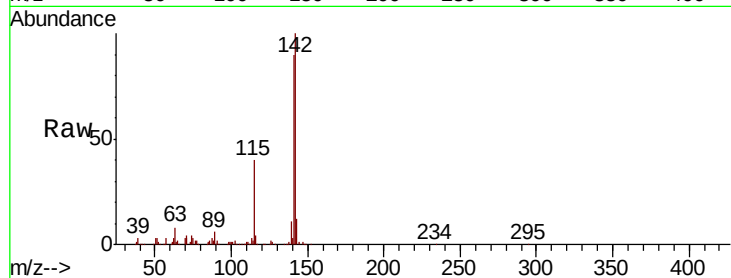
#37  
2-Methylnaphthalene  
Concen: 38.315 ng  
RT: 12.45 min Scan# 1593  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.6  | 70.3  | 105.5 |
| 115     | 40.1  | 29.8  | 44.6  |

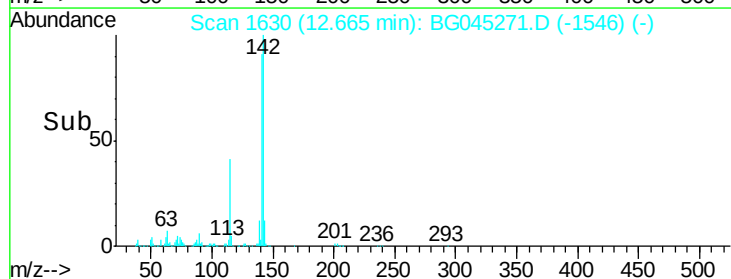
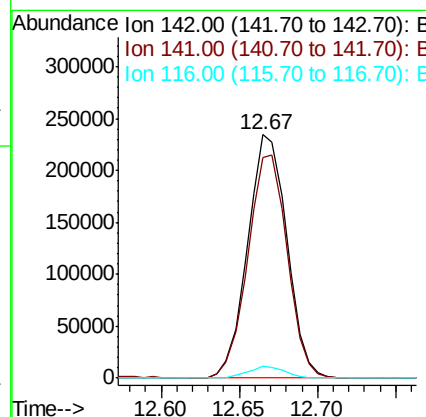
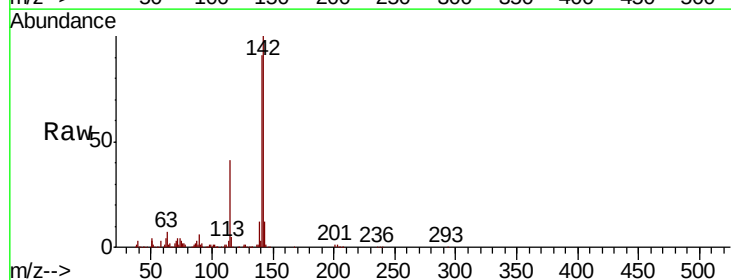
Manual Integrations  
APPROVED

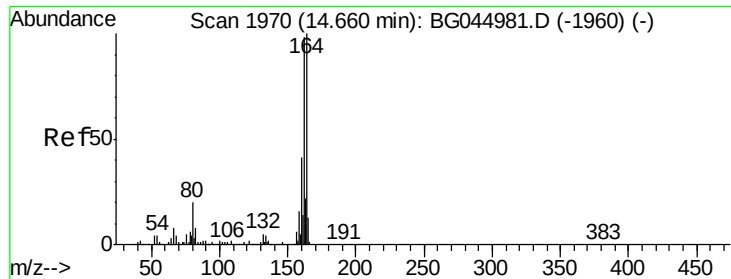
mohammad  
5/8/2020 1:00:04 PM



#38  
1-Methylnaphthalene  
Concen: 39.191 ng m  
RT: 12.67 min Scan# 1630  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 72.7  | 109.1 |
| 116     | 4.8   | 3.1   | 4.7#  |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

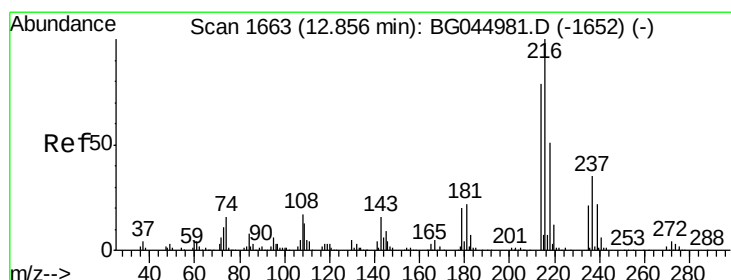
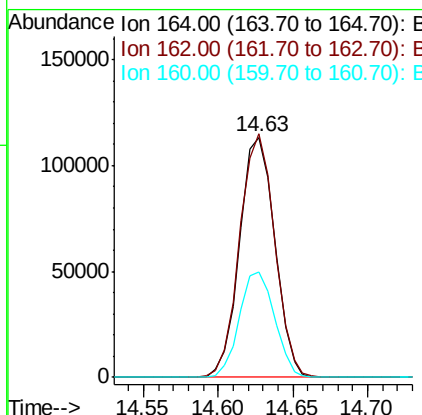
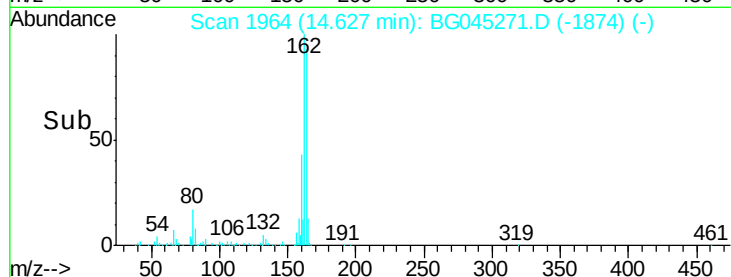
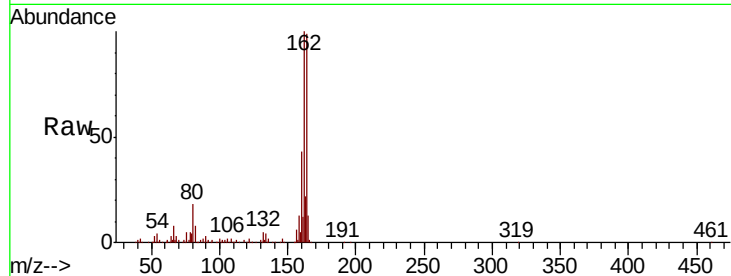
ClientSampleId :

TP-18AMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 185667 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.5 | 78.7  | 118.1  |
| 160       | 43.7  | 32.8  | 49.2   |

Manual Integrations  
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mohammad  
5/8/2020 1:00:04 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.278 ng

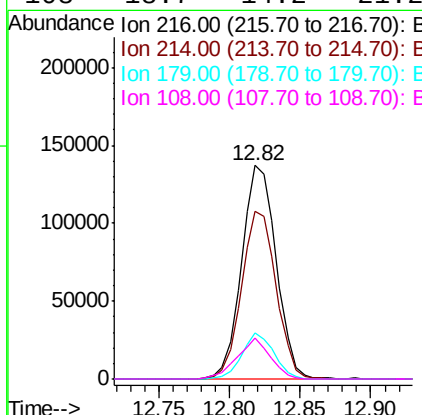
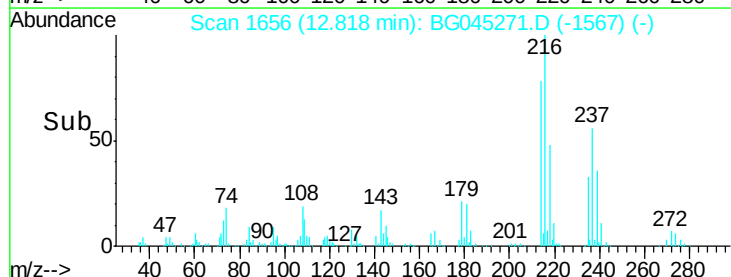
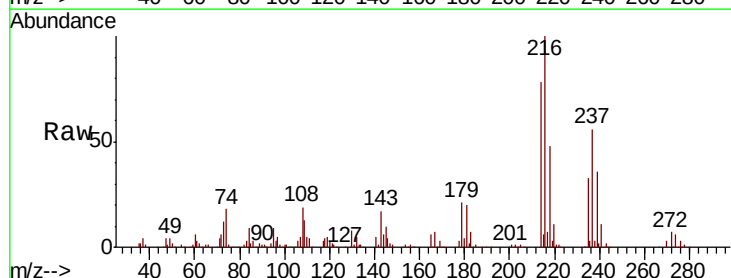
RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

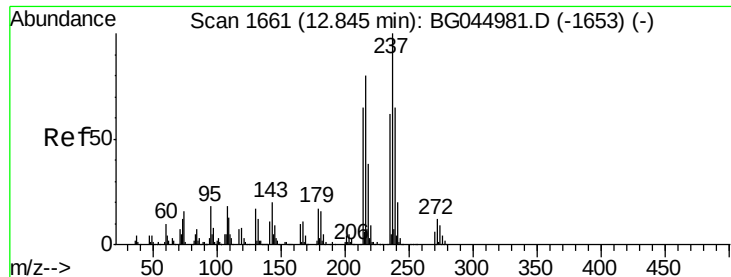
Lab File: BG045271.D

Acq: 7 May 2020 16:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 234802 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.6  | 63.0  | 94.6   |
| 179       | 19.9  | 15.8  | 23.8   |
| 108       | 18.7  | 14.2  | 21.2   |







#41

Hexachlorocyclopentadiene

Concen: 68.532 ng

RT: 12.81 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

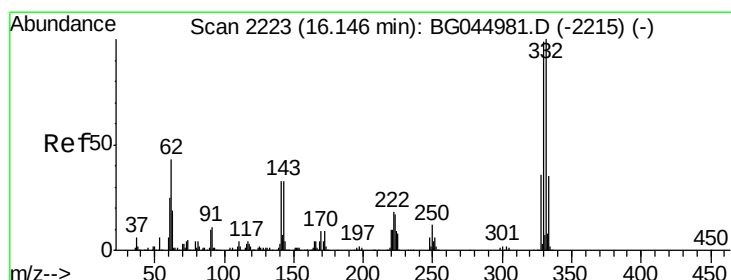
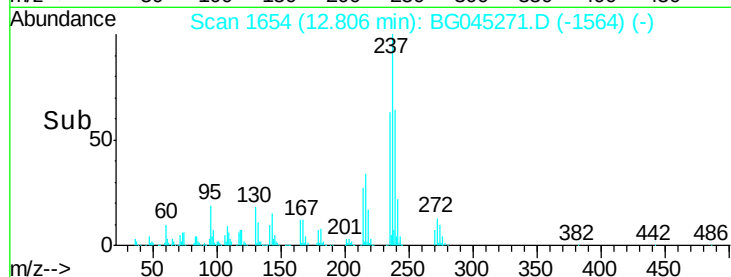
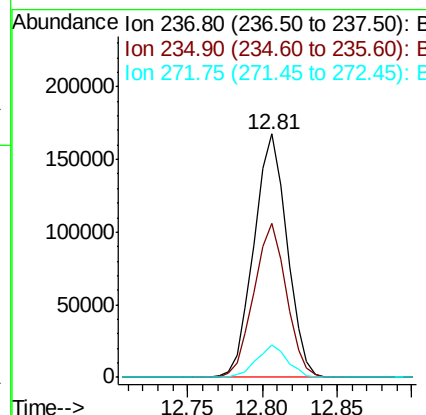
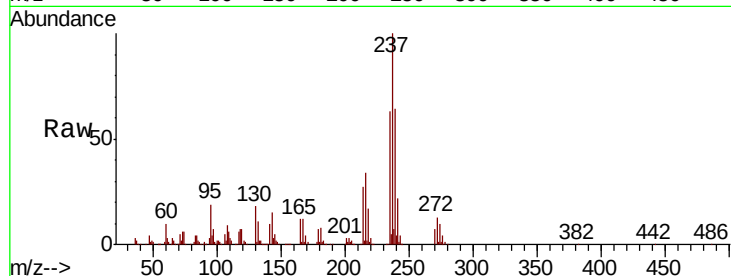
ClientSampleId :

TP-18AMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 256059 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.1  | 41.6  | 81.6   |
| 272       | 13.3  | 0.0   | 32.1   |

Manual Integrations  
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mohammad  
5/8/2020 1:00:04 PM



#42

2,4,6-Tribromophenol

Concen: 122.691 ng

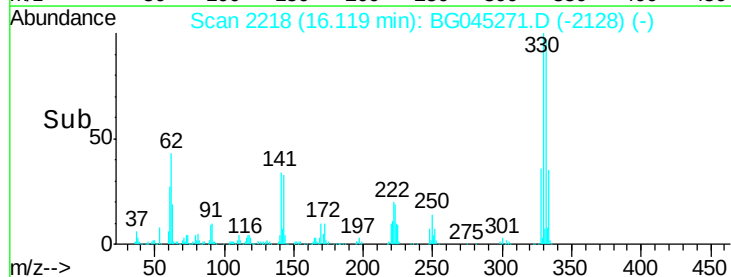
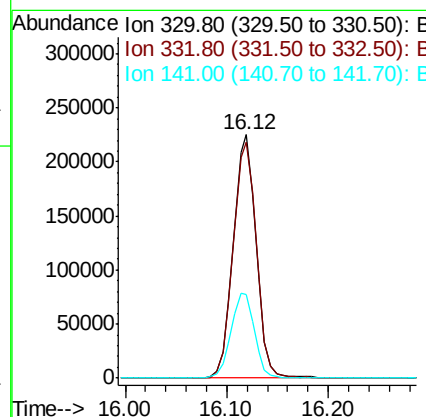
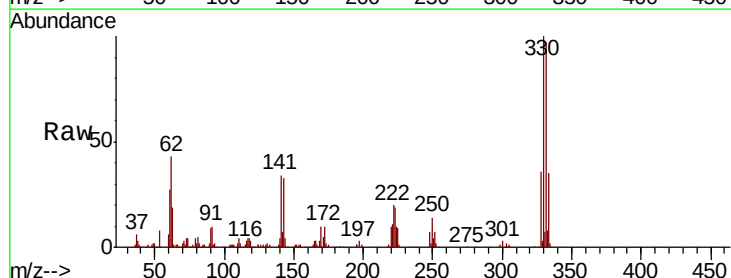
RT: 16.12 min Scan# 2218

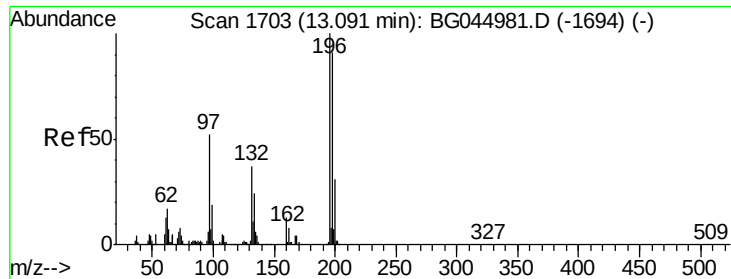
Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 351917 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 98.9  | 79.1  | 118.7  |
| 141       | 36.0  | 27.1  | 40.7   |





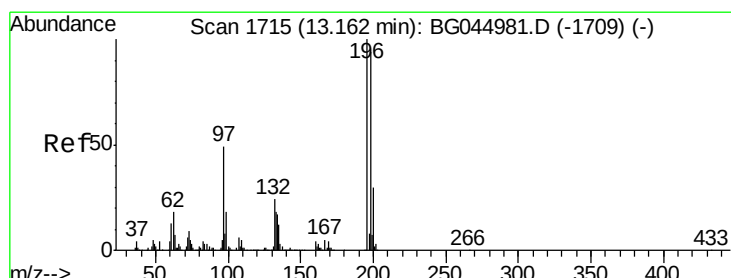
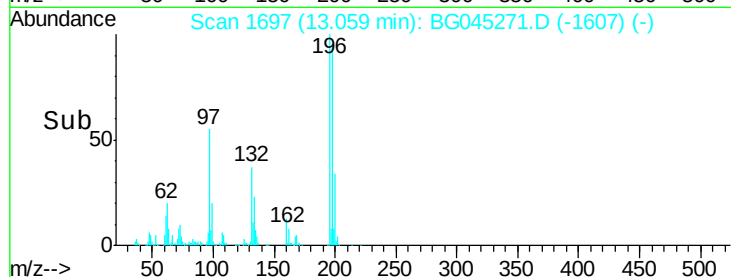
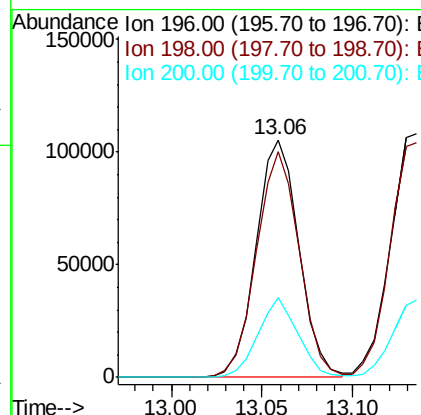
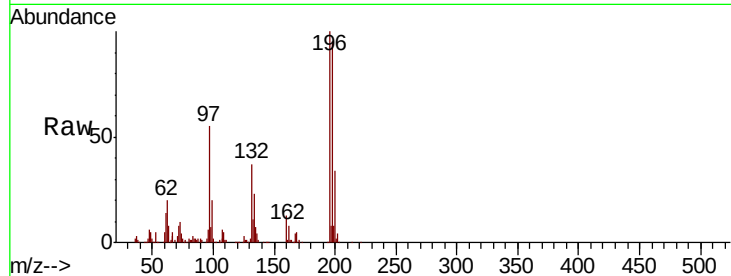
#43  
2,4,6-Trichlorophenol  
Concen: 40.827 ng  
RT: 13.06 min Scan# 1697  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampled :  
TP-18AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 172249 |       |       |
| 198     | 95.1  | 72.5   | 108.7 |       |
| 200     | 33.7  | 24.5   | 36.7  |       |

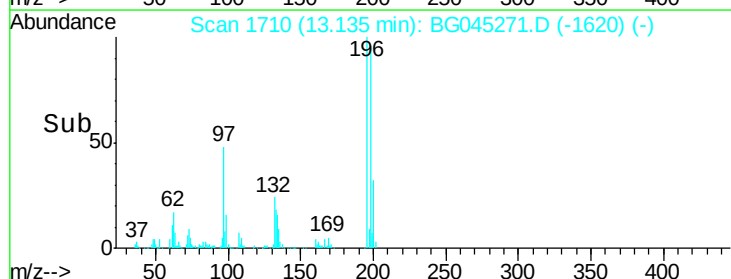
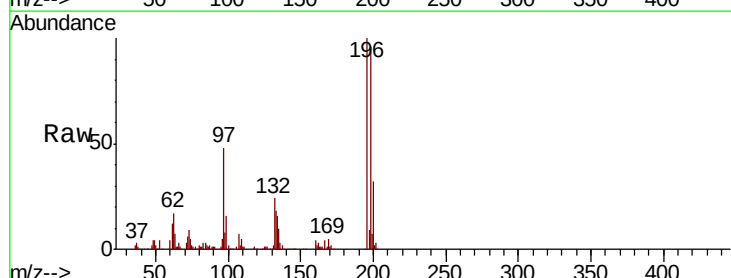
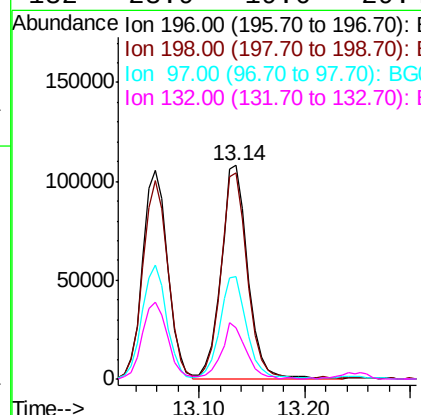
Manual Integrations  
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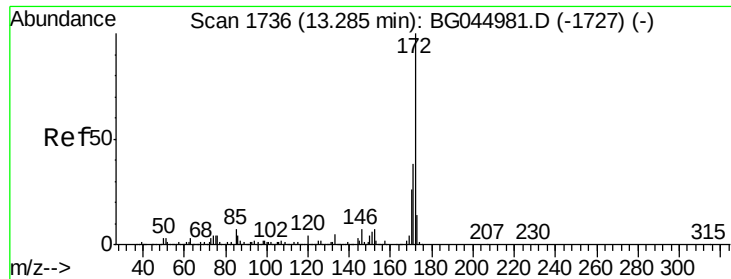
mohammad  
5/8/2020 1:00:04 PM



#44  
2,4,5-Trichlorophenol  
Concen: 39.331 ng  
RT: 13.14 min Scan# 1710  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 188884 |       |       |
| 198     | 96.5  | 75.7   | 113.5 |       |
| 97      | 47.8  | 39.6   | 59.4  |       |
| 132     | 23.9  | 19.6   | 29.4  |       |





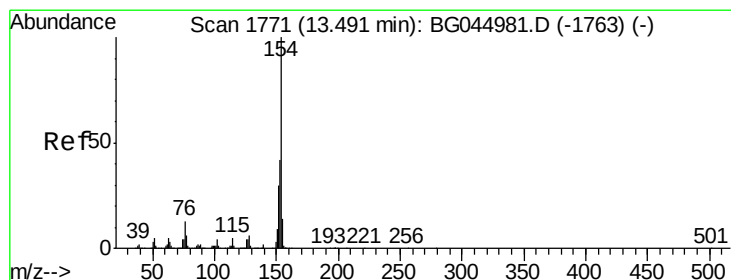
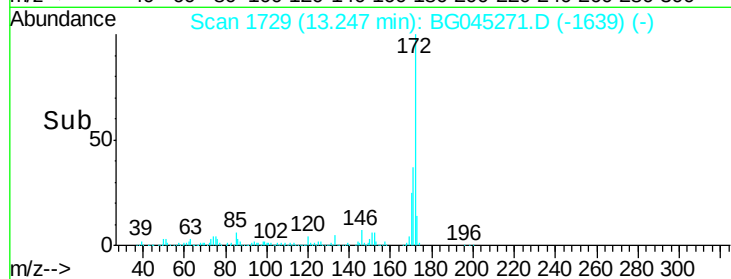
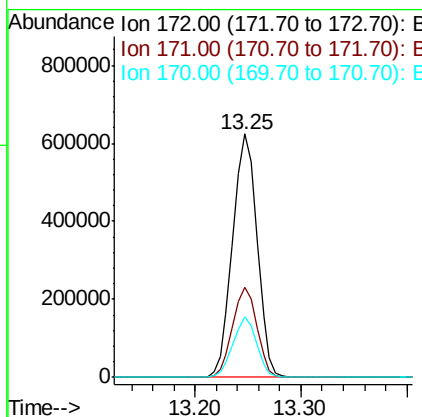
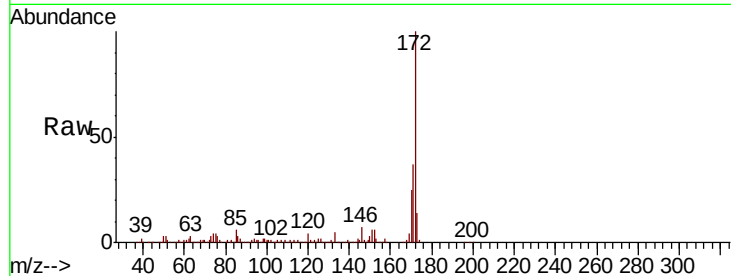
#45  
2-Fluorobiphenyl  
Concen: 78.930 ng  
RT: 13.25 min Scan# 1729  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.8  | 30.6  | 46.0  |
| 170     | 24.6  | 20.5  | 30.7  |

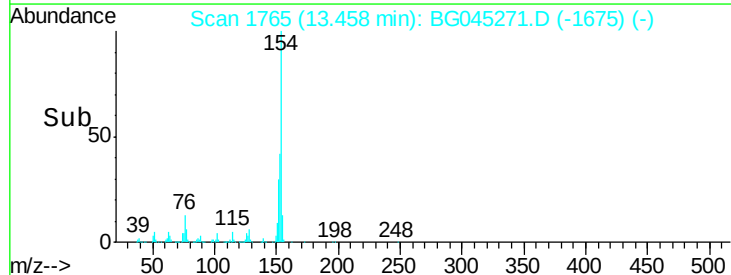
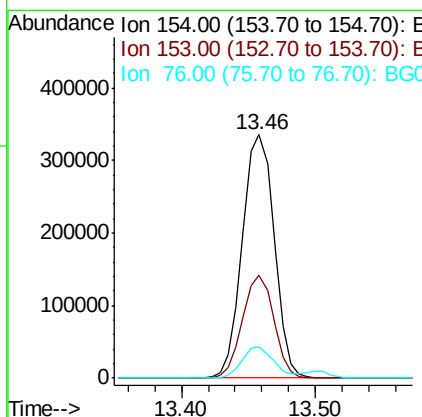
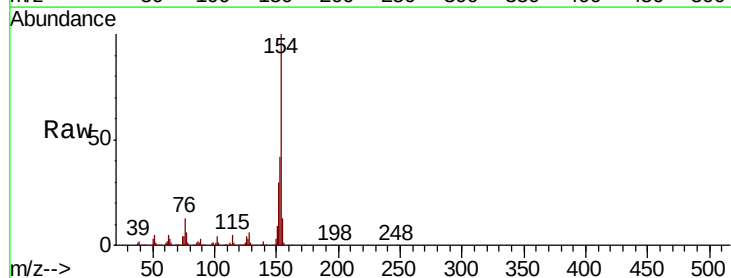
Manual Integrations  
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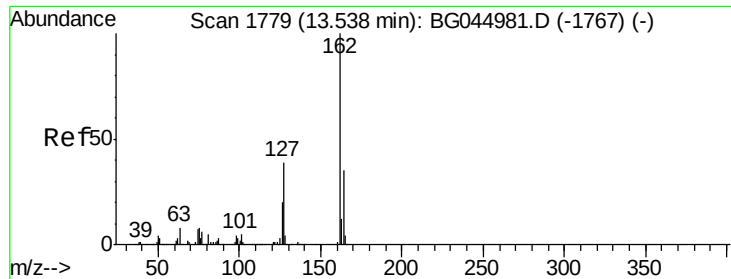
mohammad  
5/8/2020 1:00:04 PM



#46  
1,1'-Biphenyl  
Concen: 39.246 ng  
RT: 13.46 min Scan# 1765  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 21.9  | 61.9  |
| 76      | 13.0  | 0.0   | 33.1  |





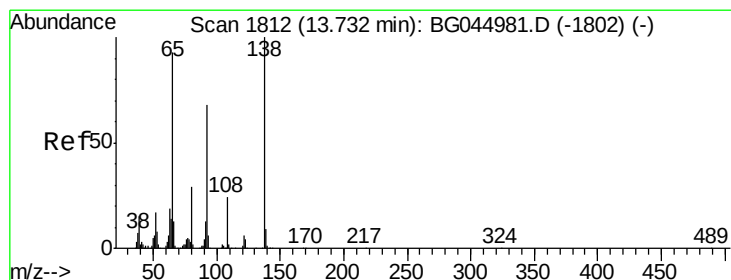
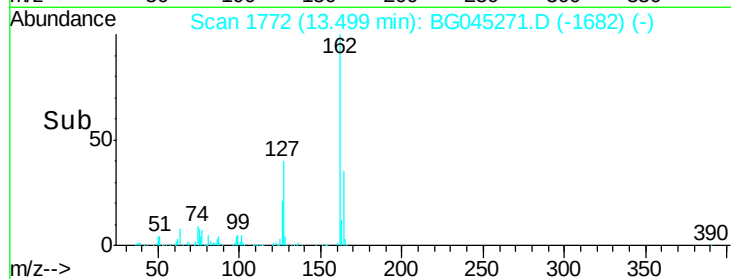
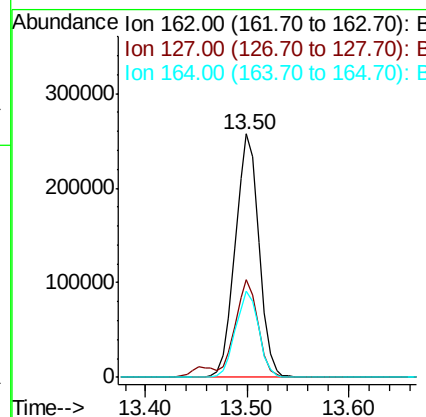
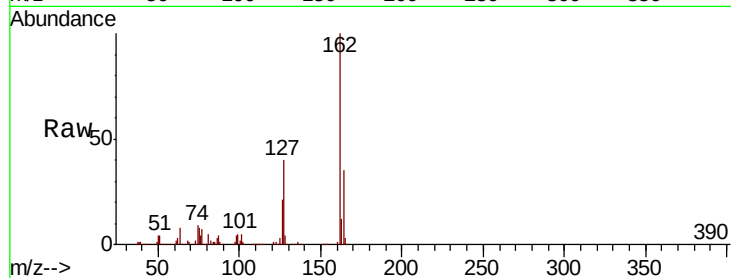
#47  
 2-Chloronaphthalene  
 Concen: 38.609 ng  
 RT: 13.50 min Scan# 1772  
 Delta R.T. 0.00 min  
 Lab File: BG045271.D  
 Acq: 7 May 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.9  | 31.3  | 46.9  |
| 164     | 35.3  | 27.8  | 41.8  |

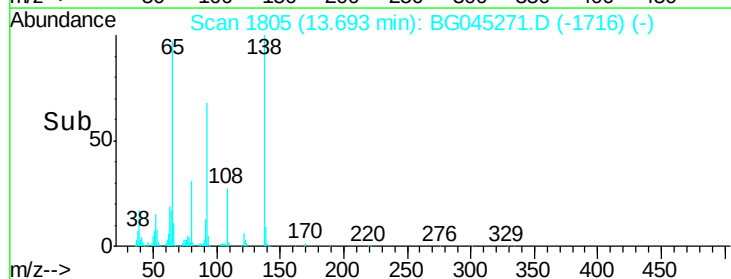
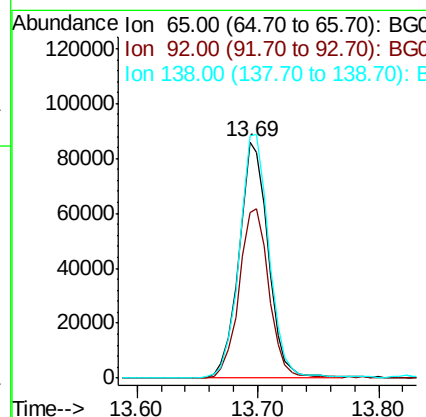
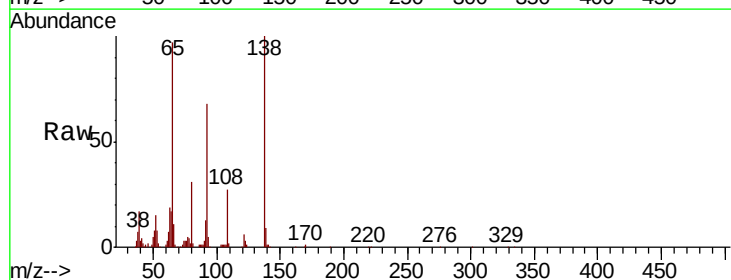
Manual Integrations  
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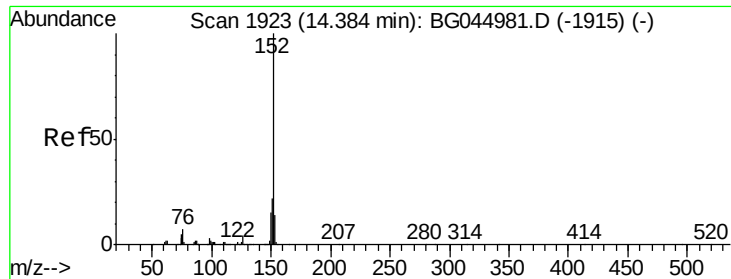
mohammad  
 5/8/2020 1:00:04 PM



#48  
 2-Nitroaniline  
 Concen: 41.102 ng  
 RT: 13.69 min Scan# 1805  
 Delta R.T. -0.01 min  
 Lab File: BG045271.D  
 Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.1  | 58.3  | 87.5  |
| 138     | 102.7 | 85.6  | 128.4 |





#49

Acenaphthylene

Concen: 40.878 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

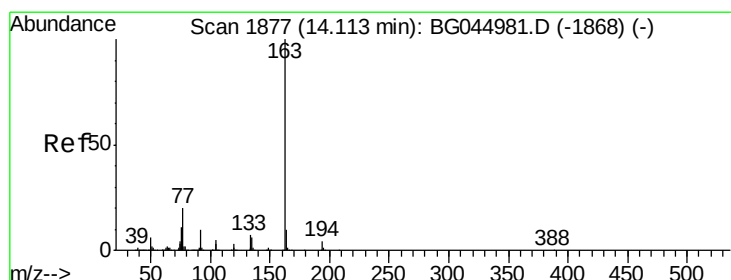
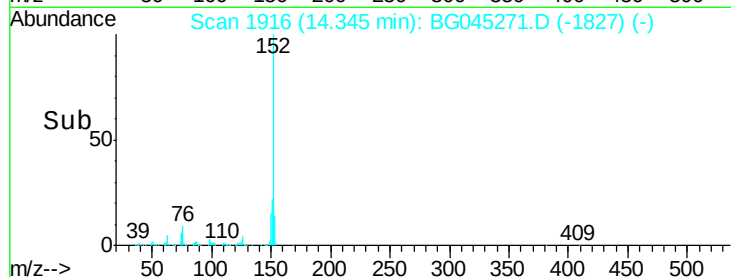
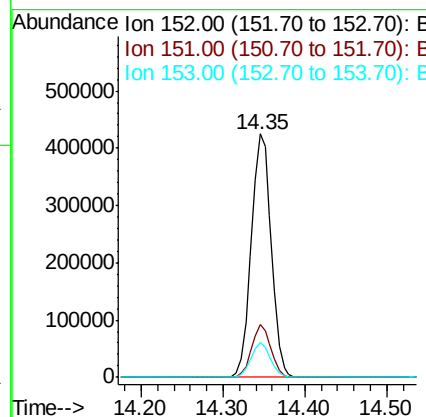
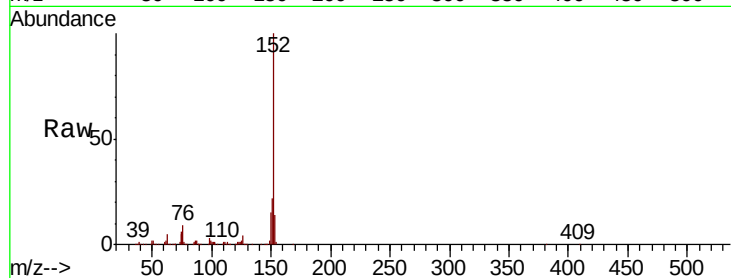
ClientSampleId :

TP-18AMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 717972 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.9  | 17.2  | 25.8   |
| 153       | 14.4  | 11.0  | 16.4   |

Manual Integrations  
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mohammad  
5/8/2020 1:00:04 PM



#50

Dimethylphthalate

Concen: 45.003 ng

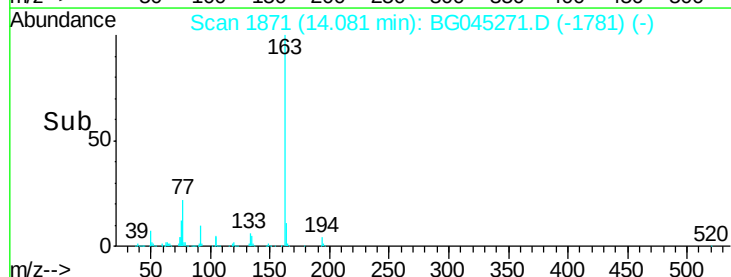
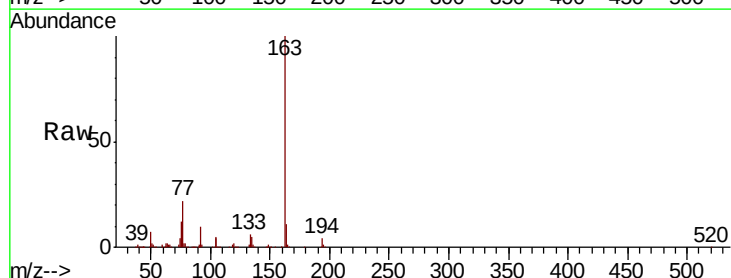
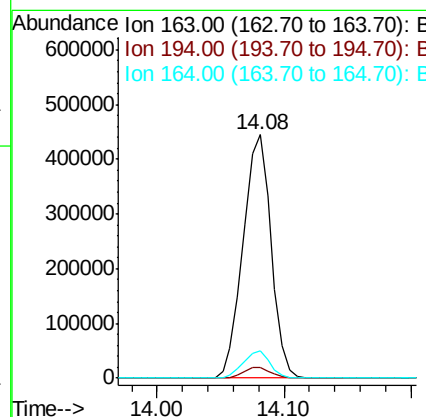
RT: 14.08 min Scan# 1871

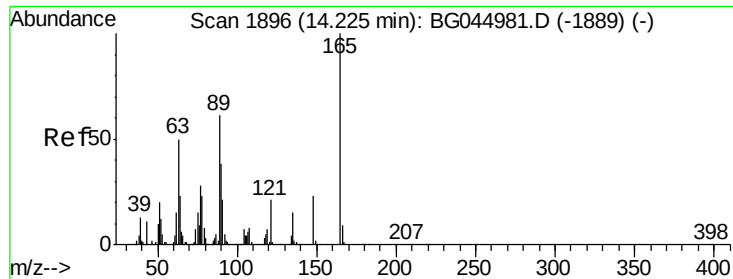
Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 680345 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.1   | 3.5   | 5.3    |
| 164       | 11.0  | 8.2   | 12.4   |





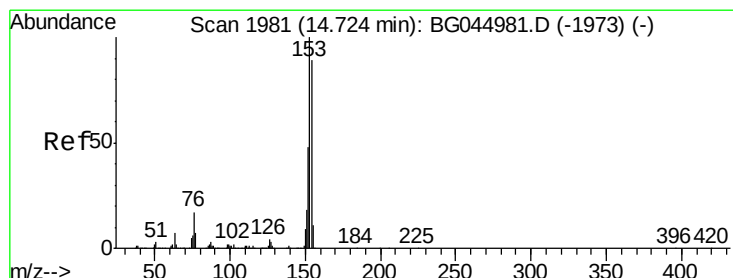
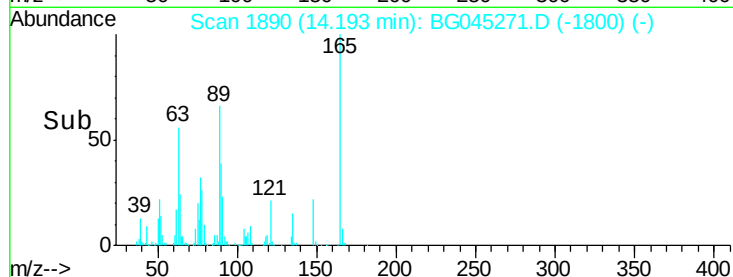
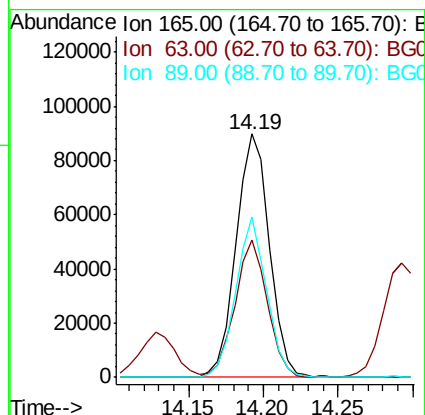
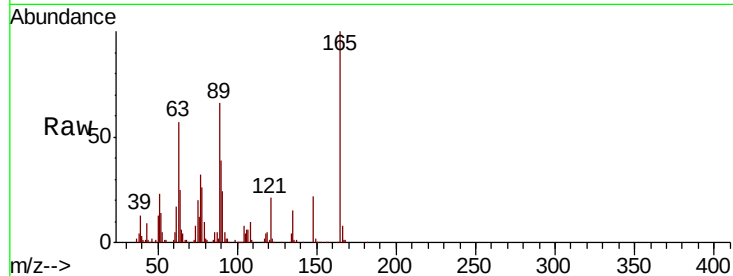
#51  
 2,6-Dinitrotoluene  
 Concen: 41.136 ng  
 RT: 14.19 min Scan# 1890  
 Delta R.T. 0.00 min  
 Lab File: BG045271.D  
 Acq: 7 May 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 139099 |       |       |
| 63      | 56.7  |        | 40.4  | 60.6  |
| 89      | 66.1  |        | 49.1  | 73.7  |

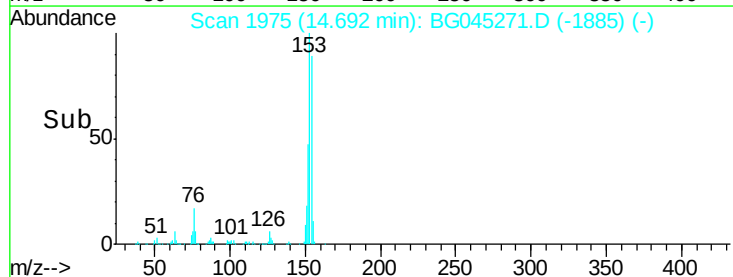
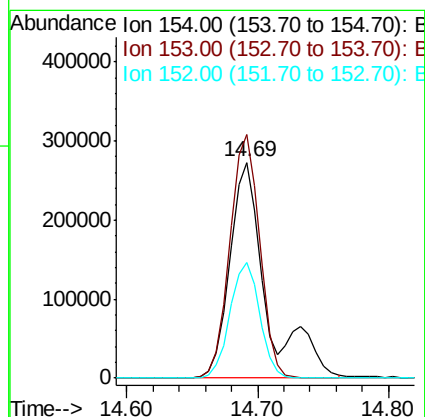
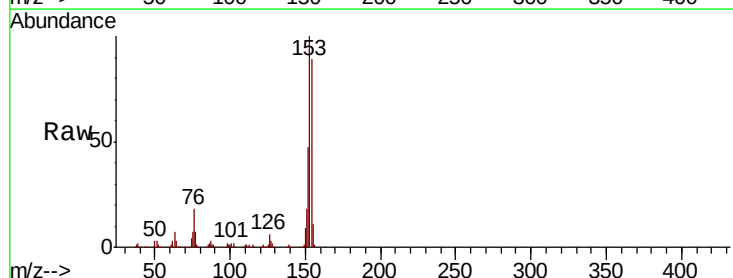
Manual Integrations  
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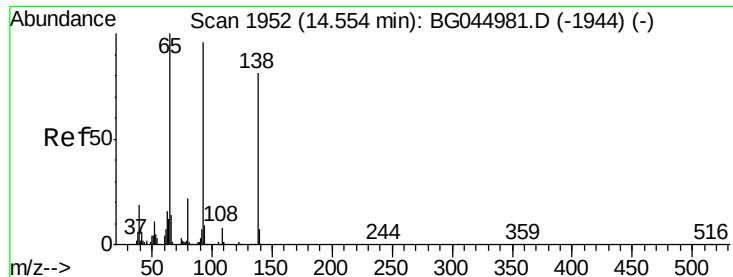
mohammad  
 5/8/2020 1:00:04 PM



#52  
 Acenaphthene  
 Concen: 44.791 ng m  
 RT: 14.69 min Scan# 1975  
 Delta R.T. 0.00 min  
 Lab File: BG045271.D  
 Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 532283 |       |       |
| 153     | 112.7 |        | 89.7  | 134.5 |
| 152     | 53.3  |        | 43.1  | 64.7  |





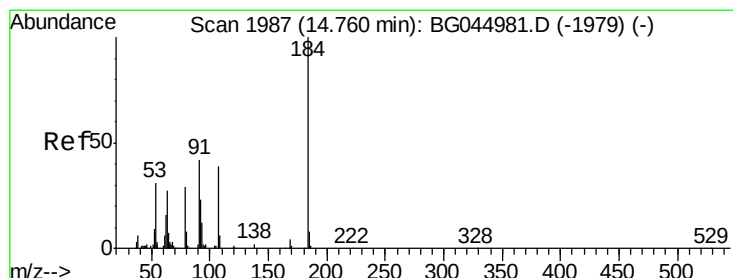
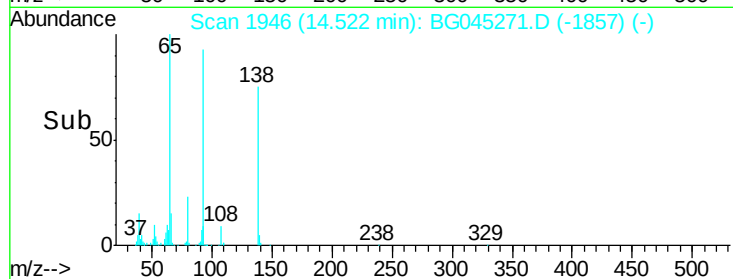
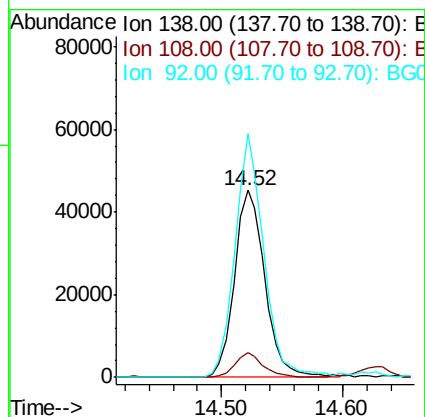
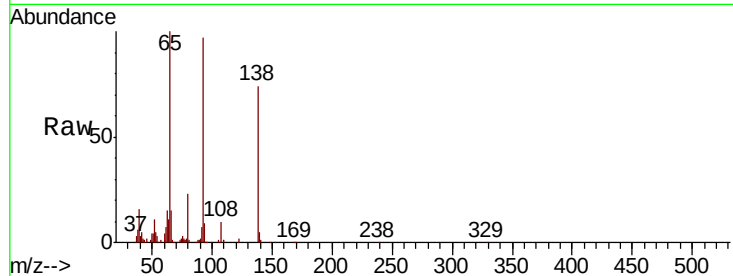
#53  
3-Nitroaniline  
Concen: 21.452 ng  
RT: 14.52 min Scan# 1946  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 13.2  | 7.8   | 11.8# |
| 92      | 130.4 | 94.5  | 141.7 |

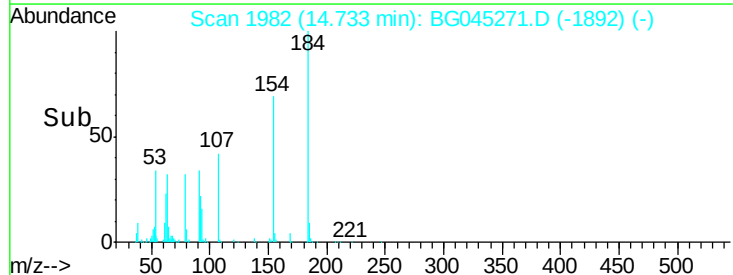
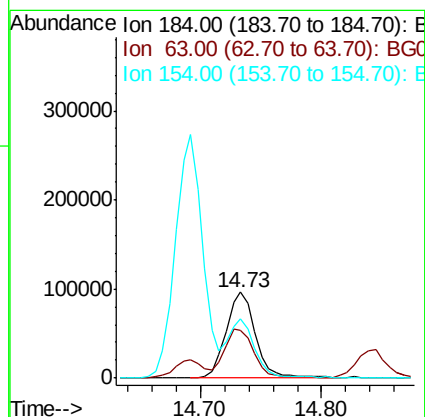
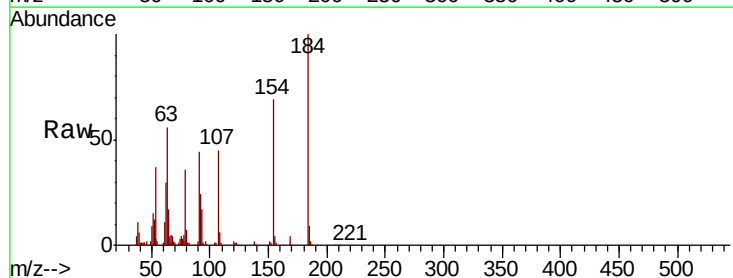
Manual Integrations  
APPROVED

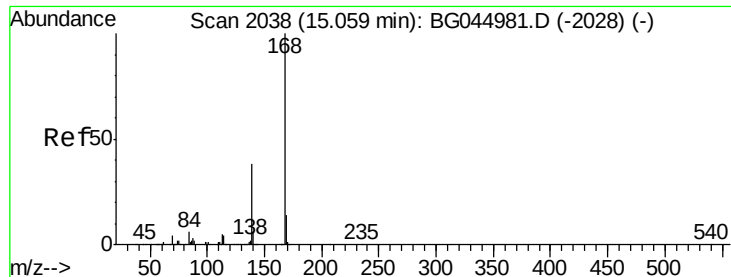
mohammad  
5/8/2020 1:00:04 PM



#54  
2,4-Dinitrophenol  
Concen: 81.053 ng  
RT: 14.73 min Scan# 1982  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 56.3  | 41.5  | 62.3  |
| 154     | 68.8  | 52.3  | 78.5  |





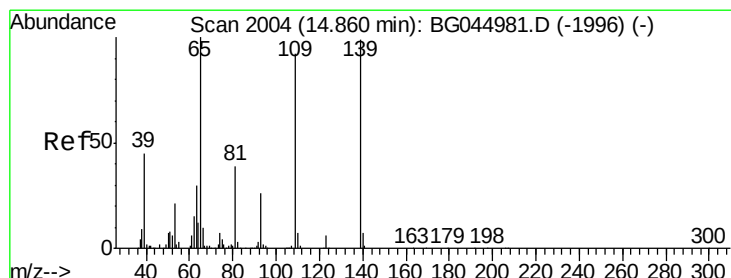
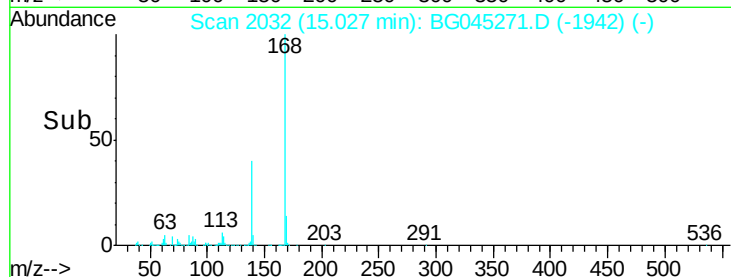
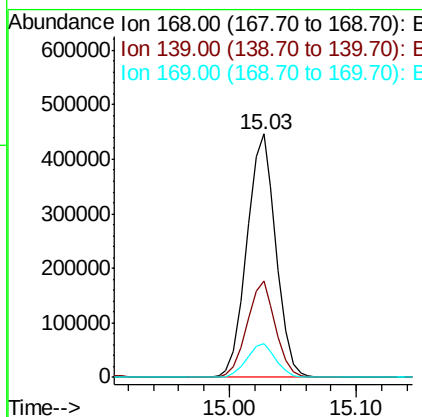
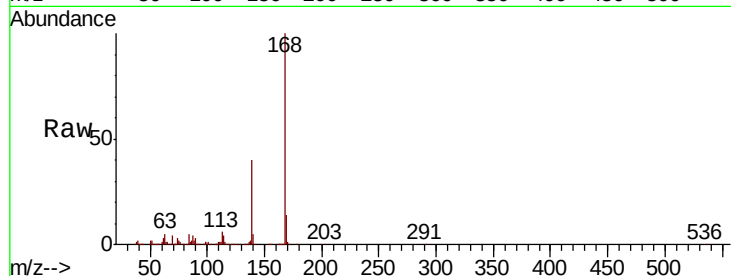
#55  
Dibenzenofuran  
Concen: 40.857 ng  
RT: 15.03 min Scan# 2032  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.6  | 30.4  | 45.6  |
| 169     | 13.8  | 11.0  | 16.4  |

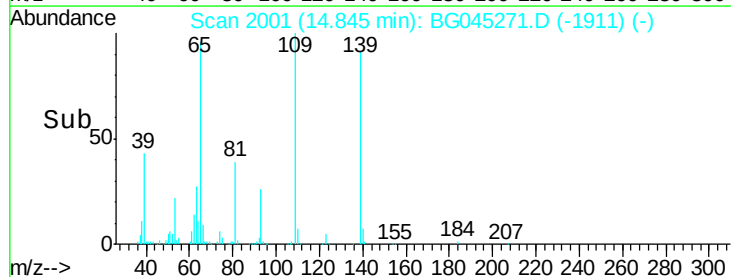
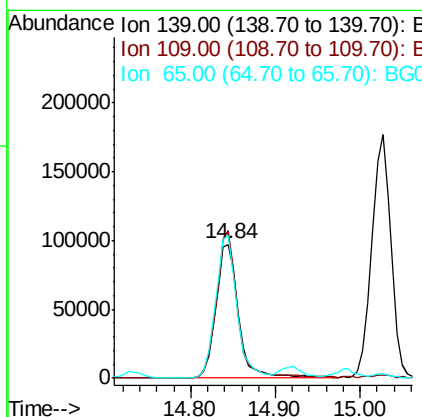
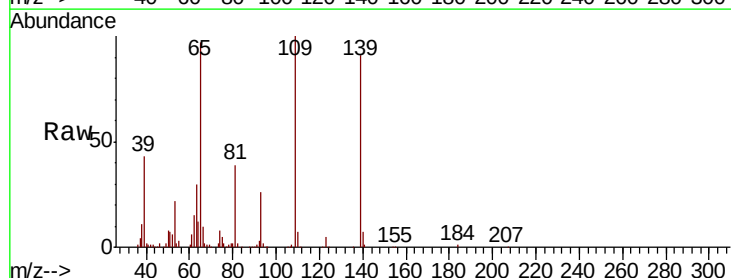
Manual Integrations  
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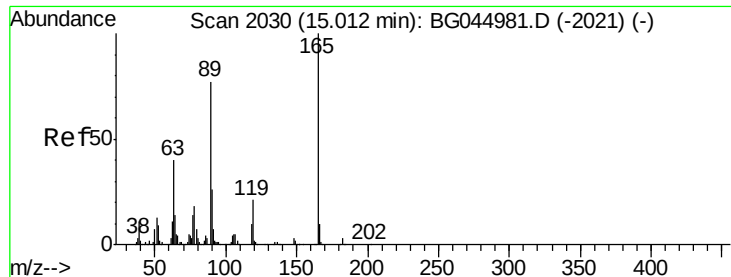


#56  
4-Nitrophenol  
Concen: 64.311 ng  
RT: 14.84 min Scan# 2001  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 110.2 | 73.6  | 113.6 |
| 65      | 106.4 | 81.2  | 121.2 |







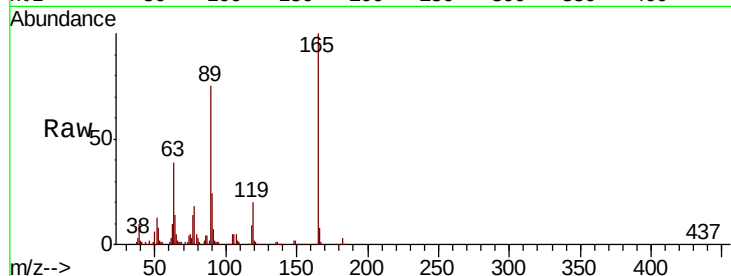
#57  
2,4-Dinitrotoluene  
Concen: 40.830 ng  
RT: 14.99 min Scan# 2025  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 201765 |       |       |
| 63      | 38.5 | 32.2  | 48.2   |       |       |
| 89      | 74.7 | 61.7  | 92.5   |       |       |
| 182     | 2.6  | 2.0   | 3.0    |       |       |

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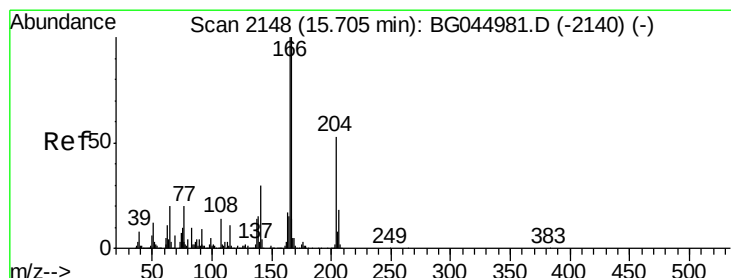
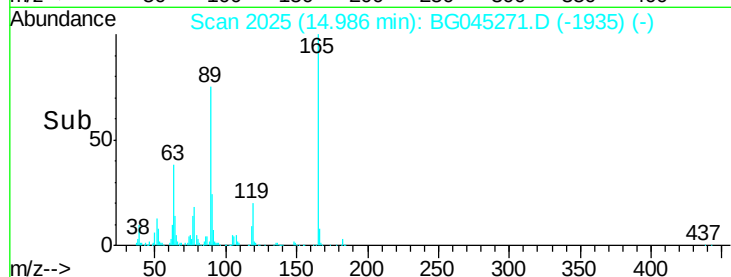
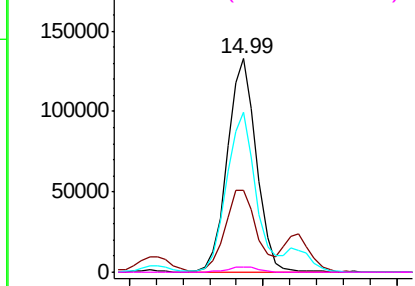


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

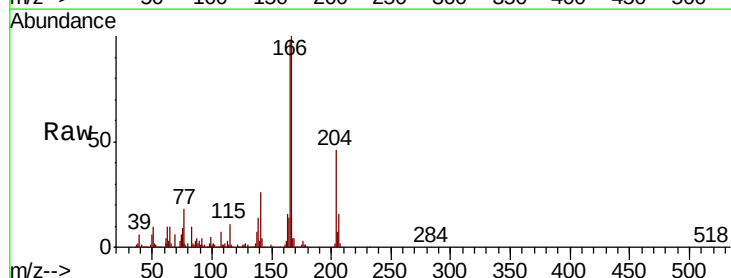
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 42.228 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

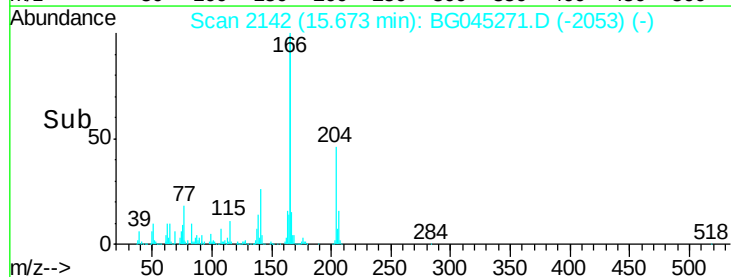
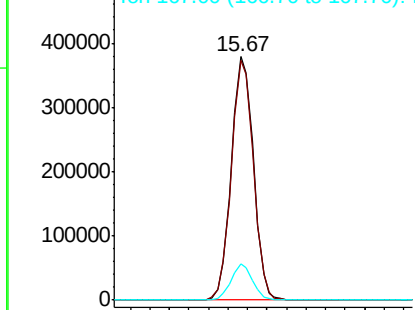
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 597595 |       |       |
| 165     | 98.4 | 79.9  | 119.9  |       |       |
| 167     | 14.8 | 11.4  | 17.0   |       |       |

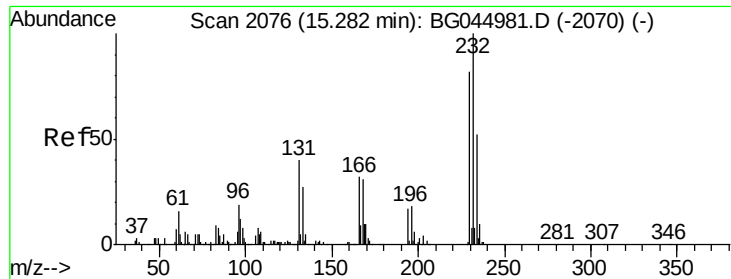


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





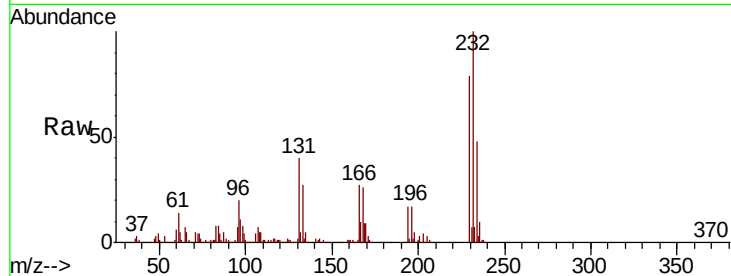
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.154 ng  
RT: 15.26 min Scan# 2071  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

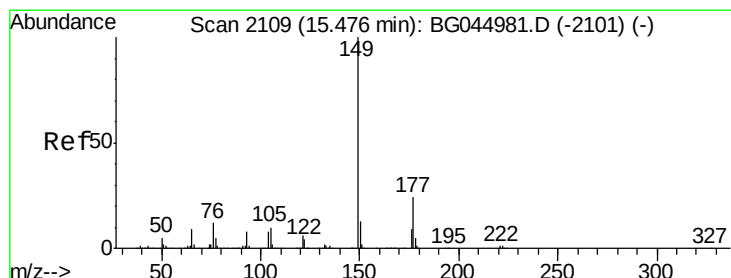
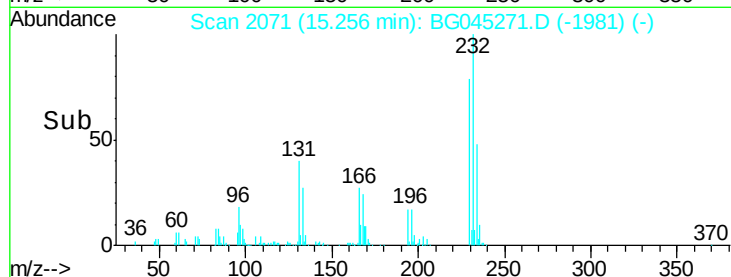
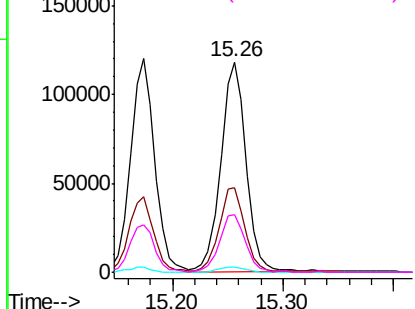
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 188672 |       |       |
| 131     | 40.0  | 32.2   | 48.2  |       |
| 130     | 2.5   | 2.2    | 3.2   |       |
| 166     | 27.6  | 24.2   | 36.4  |       |

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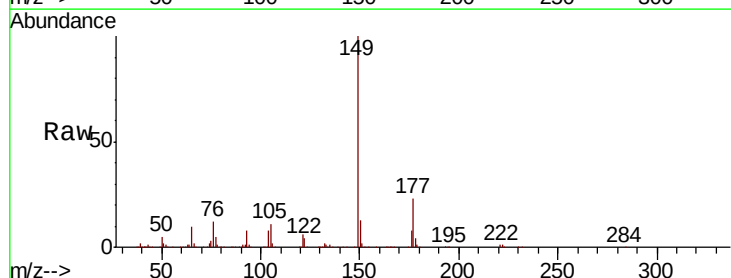


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

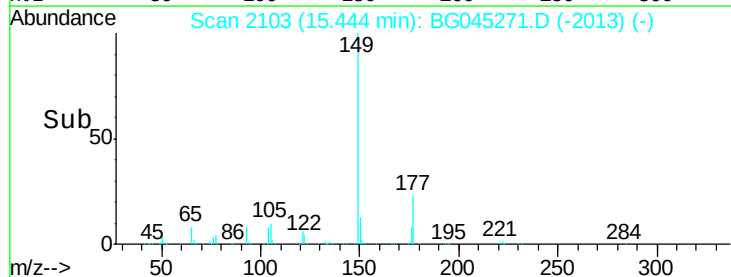
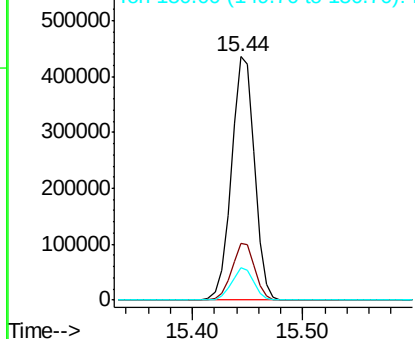


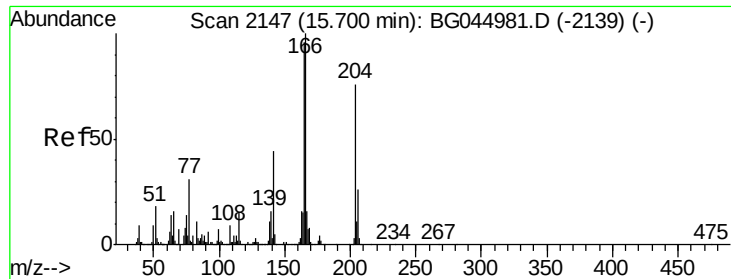
#60  
Diethylphthalate  
Concen: 40.360 ng  
RT: 15.44 min Scan# 2103  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 636149 |       |       |
| 177     | 23.3  | 18.9   | 28.3  |       |
| 150     | 13.3  | 10.6   | 15.8  |       |



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





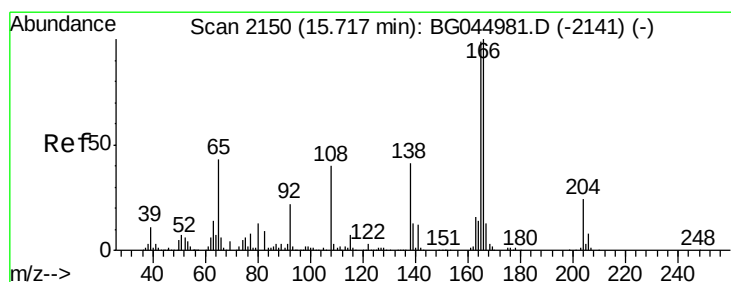
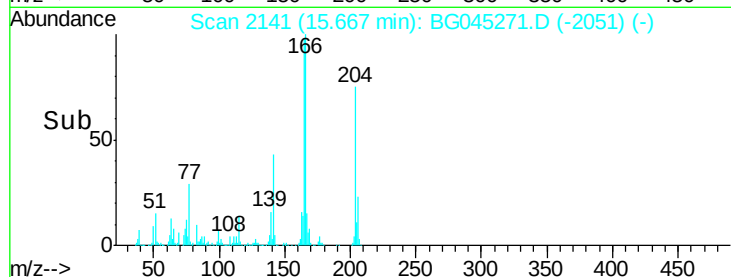
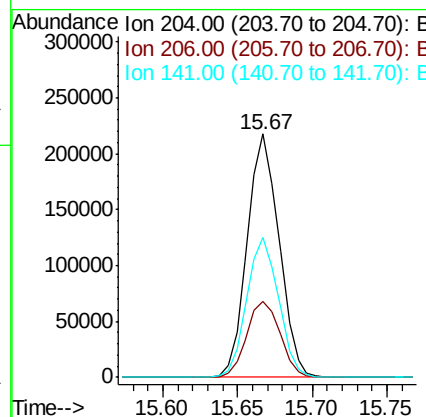
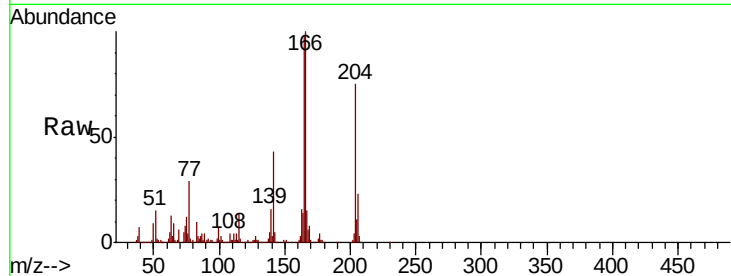
#61  
4-Chlorophenyl-phenylether  
Concen: 39.446 ng  
RT: 15.67 min Scan# 2141  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 31.1  | 26.9 | 40.3  |       |
| 141     | 57.5  | 46.3 | 69.5  |       |

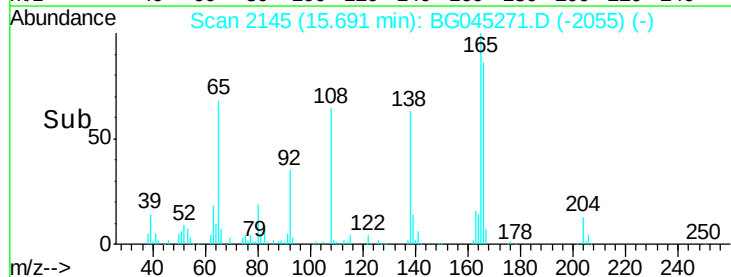
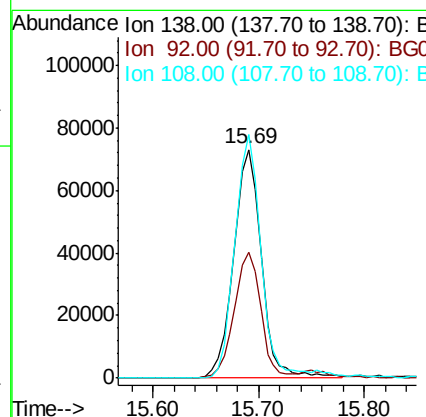
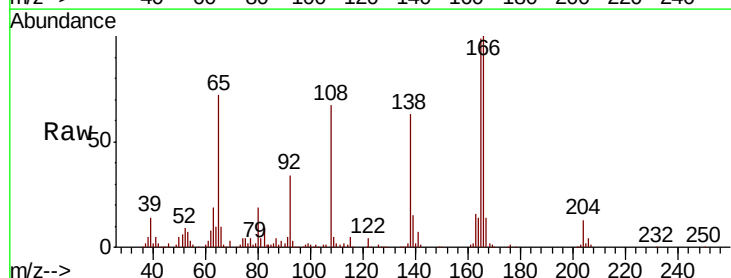
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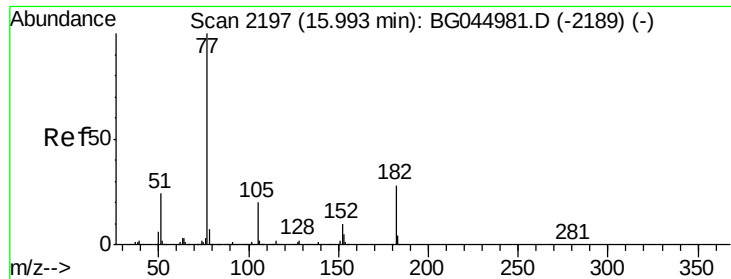
mohammad  
5/8/2020 1:00:04 PM



#62  
4-Nitroaniline  
Concen: 34.571 ng  
RT: 15.69 min Scan# 2145  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 54.8  | 33.6 | 73.6  |       |
| 108     | 106.5 | 78.2 | 118.2 |       |





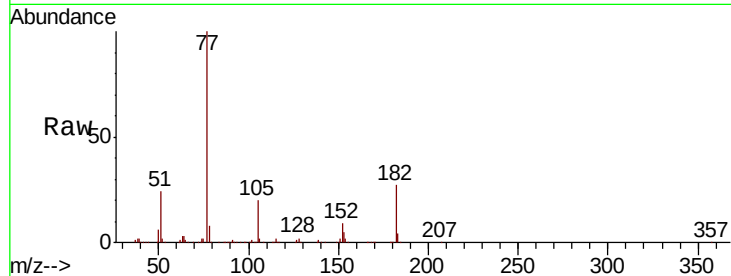
#63  
Azobenzene  
Concen: 41.522 ng  
RT: 15.96 min Scan# 2191  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 603395 |       |       |
| 182     | 27.0 | 8.4   | 48.4   |       |       |
| 105     | 19.6 | 0.5   | 40.5   |       |       |
| 51      | 24.3 | 4.4   | 44.4   |       |       |

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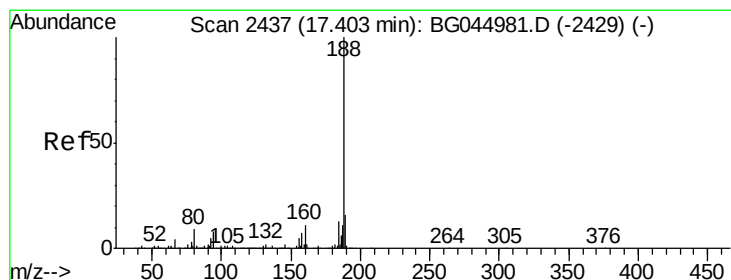
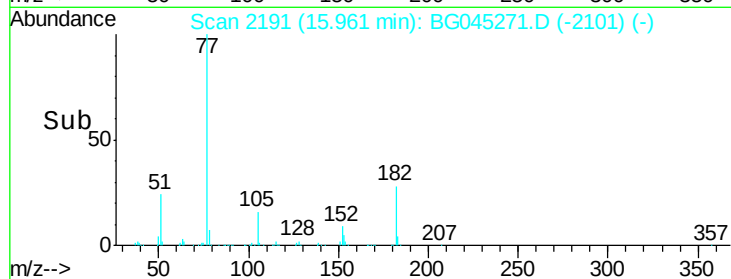
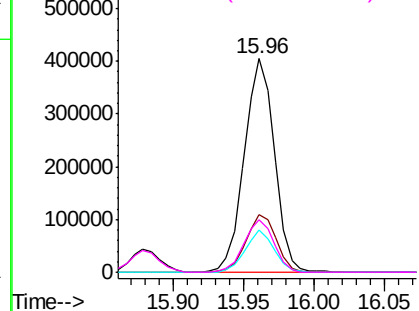
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.38 min Scan# 2432  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

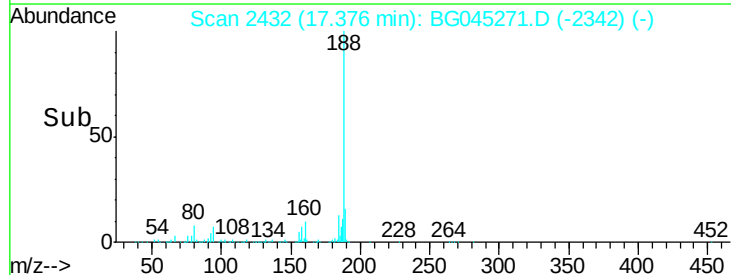
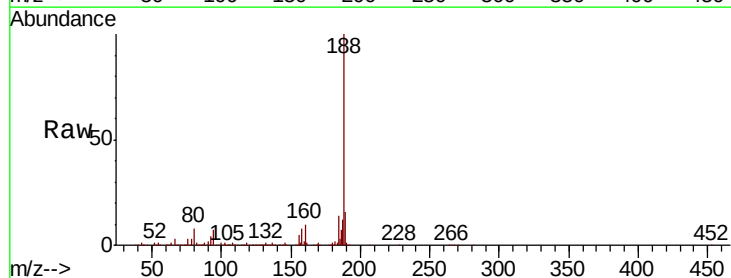
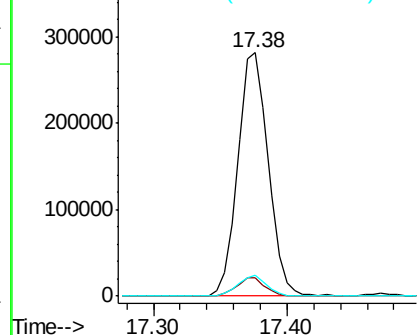
| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 445926 |       |       |
| 94      | 7.3 | 6.2   | 9.4    |       |       |
| 80      | 8.5 | 7.0   | 10.6   |       |       |

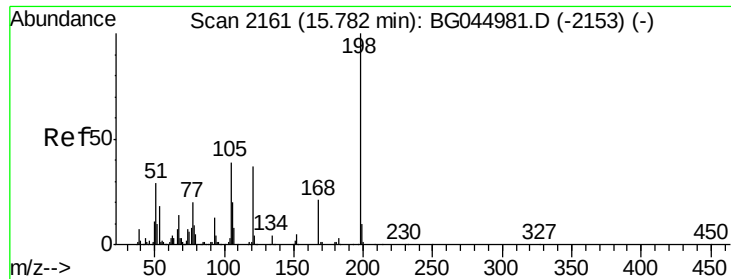
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





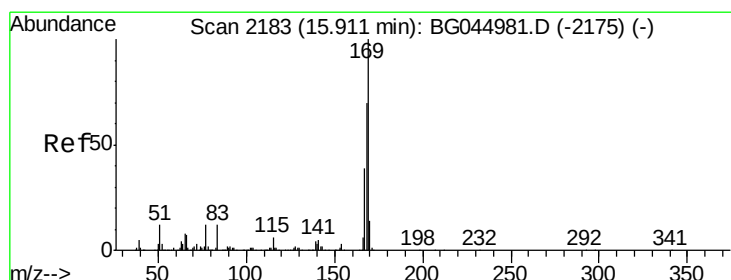
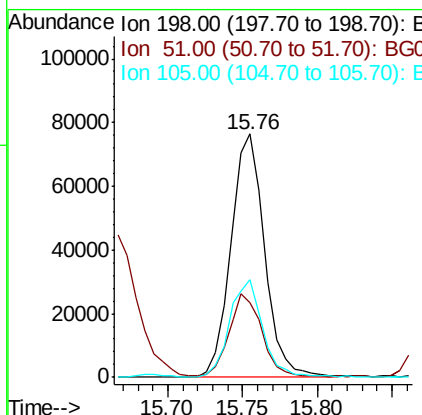
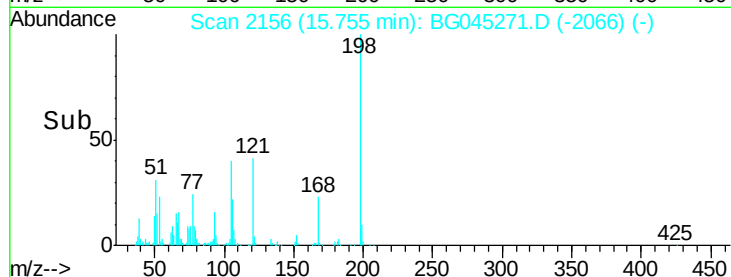
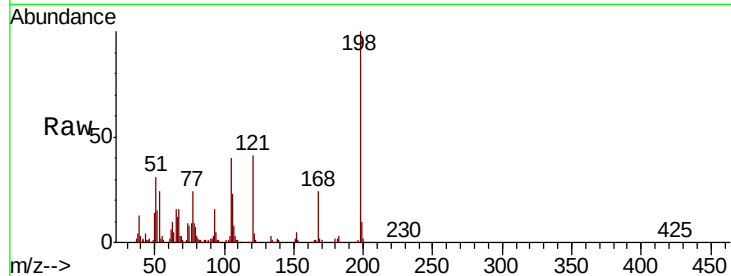
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.156 ng  
RT: 15.76 min Scan# 2156  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampled :  
TP-18AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 120631 |       |       |
| 51      | 30.5  |        | 10.0  | 50.0  |
| 105     | 40.0  |        | 18.9  | 58.9  |

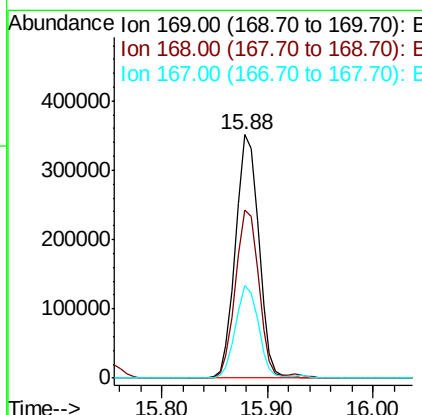
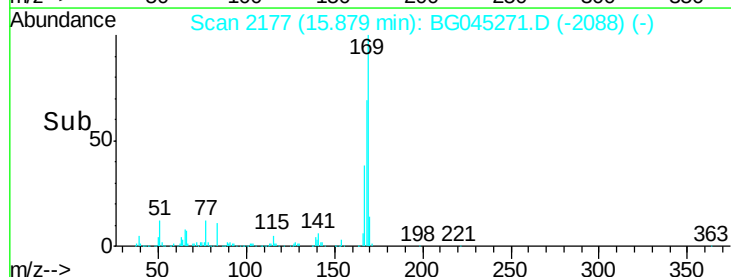
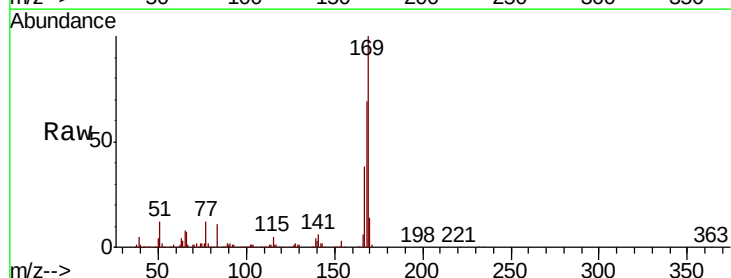
Manual Integrations  
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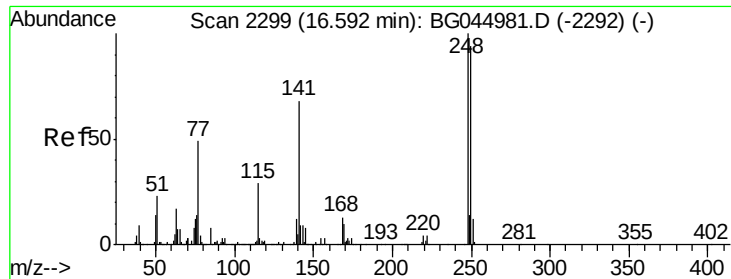
mohammad  
5/8/2020 1:00:04 PM



#66  
n-Nitrosodiphenylamine  
Concen: 41.572 ng  
RT: 15.88 min Scan# 2177  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 532635 |       |       |
| 168     | 68.8  |        | 55.8  | 83.8  |
| 167     | 37.8  |        | 30.8  | 46.2  |





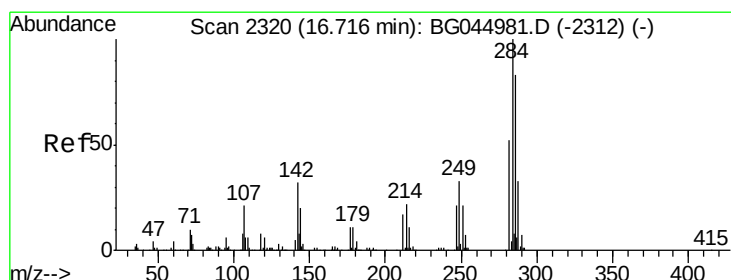
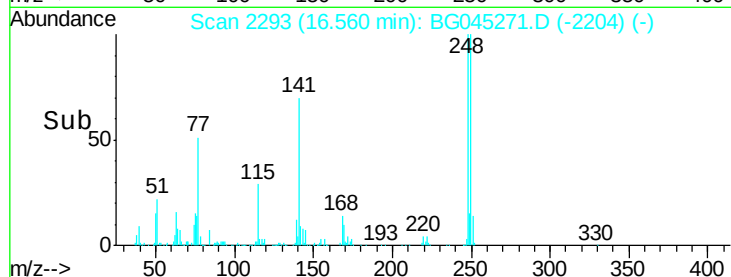
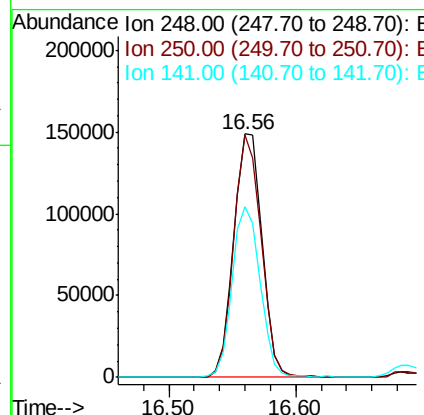
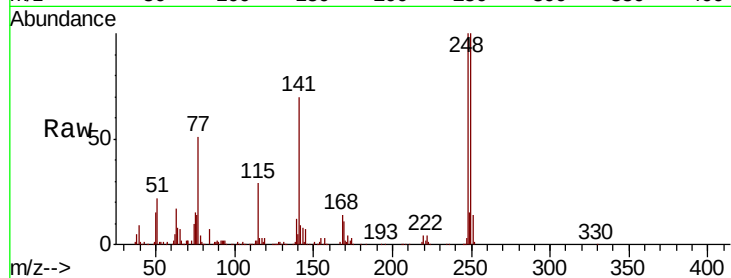
#67  
4-Bromophenyl-phenylether  
Concen: 39.884 ng  
RT: 16.56 min Scan# 2293  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.8  | 75.4  | 113.2 |
| 141     | 70.0  | 54.4  | 81.6  |

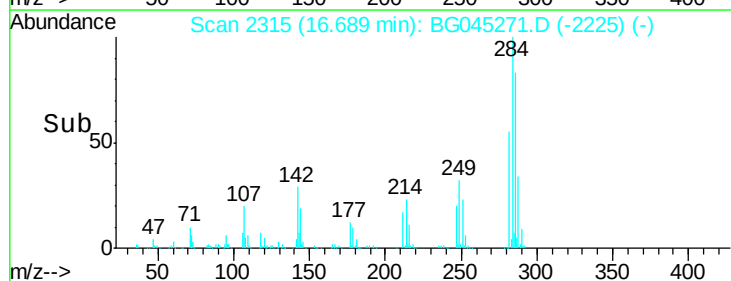
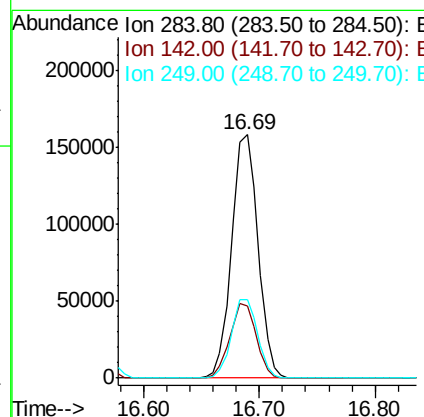
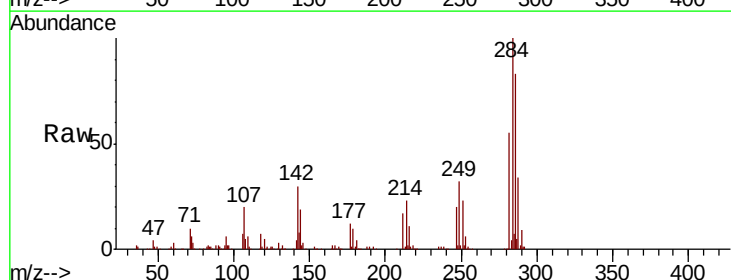
Manual Integrations  
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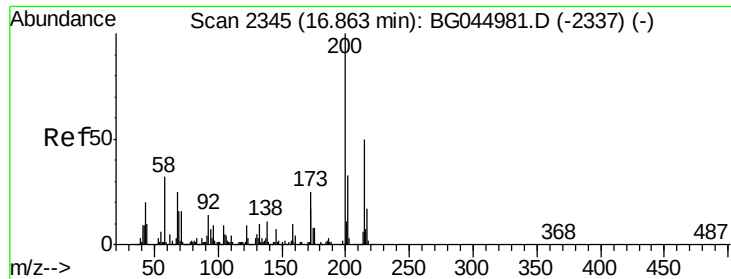
mohammad  
5/8/2020 1:00:04 PM



#68  
Hexachlorobenzene  
Concen: 42.045 ng  
RT: 16.69 min Scan# 2315  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.6  | 25.8  | 38.6  |
| 249     | 32.0  | 26.6  | 39.8  |





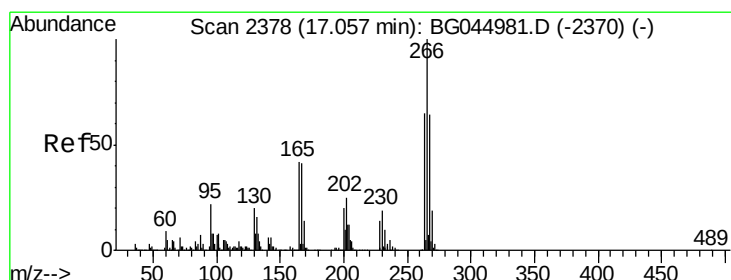
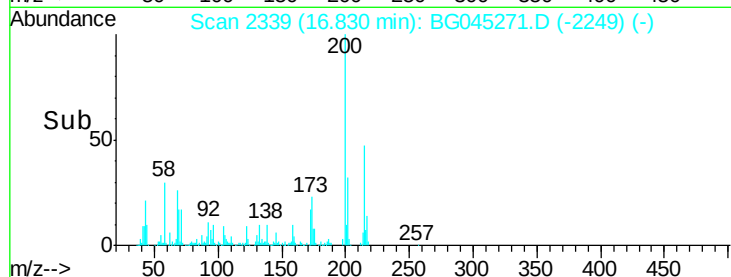
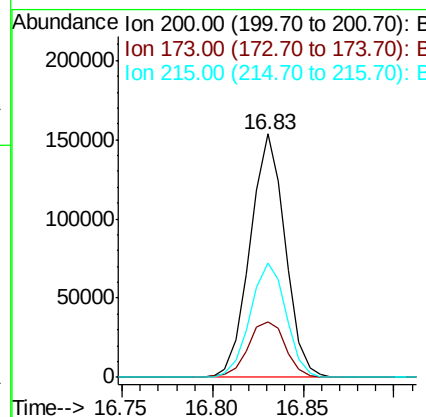
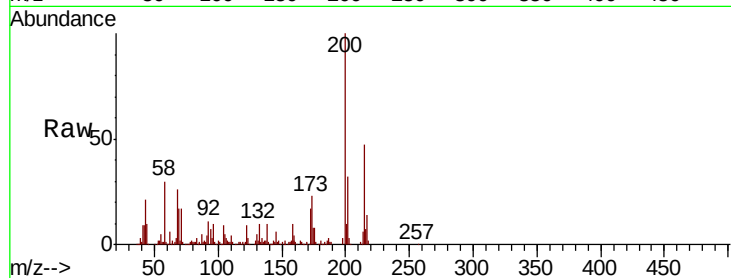
#69  
Atrazine  
Concen: 44.379 ng  
RT: 16.83 min Scan# 2339  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.9  | 4.5   | 44.5  |
| 215     | 46.7  | 30.0  | 70.0  |

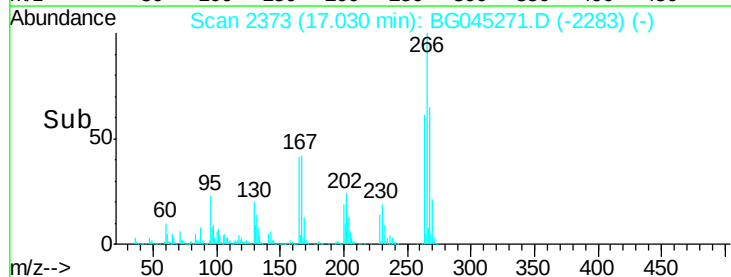
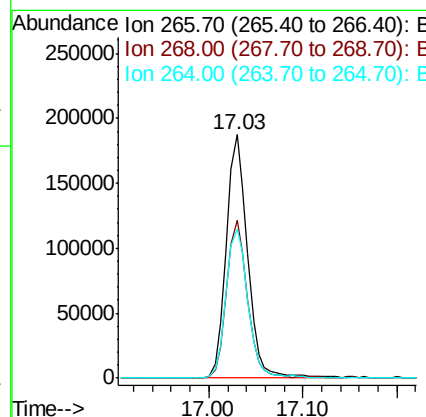
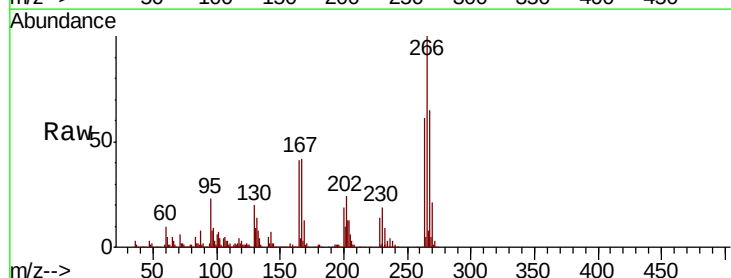
Manual Integrations  
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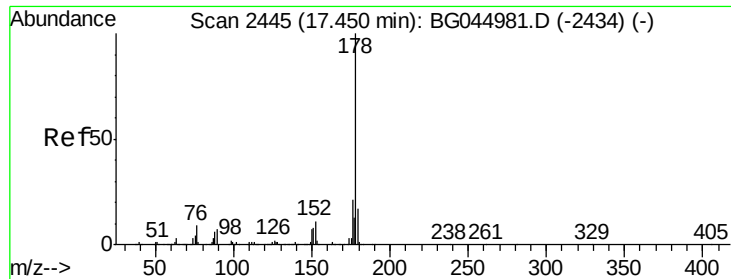
mohammad  
5/8/2020 1:00:04 PM



#70  
Pentachlorophenol  
Concen: 81.296 ng  
RT: 17.03 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.7  | 51.5  | 77.3  |
| 264     | 61.1  | 52.2  | 78.4  |





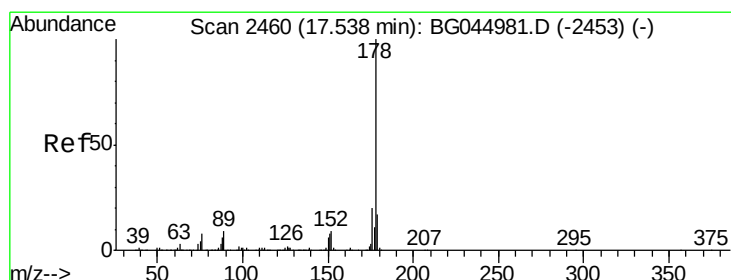
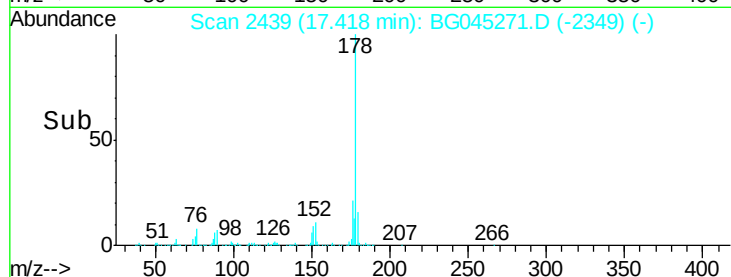
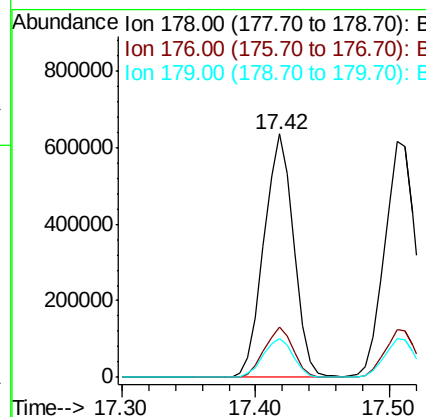
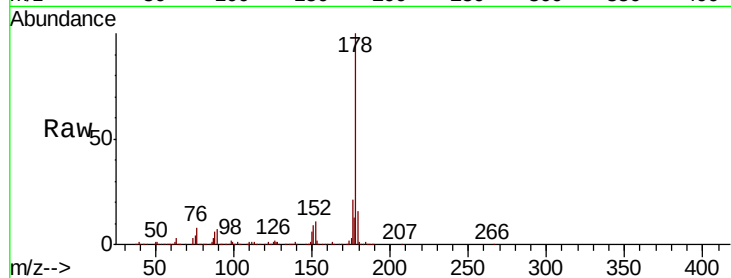
#71  
Phenanthrene  
Concen: 42.775 ng  
RT: 17.42 min Scan# 2439  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.6  | 16.8  | 25.2  |
| 179     | 16.1  | 13.2  | 19.8  |

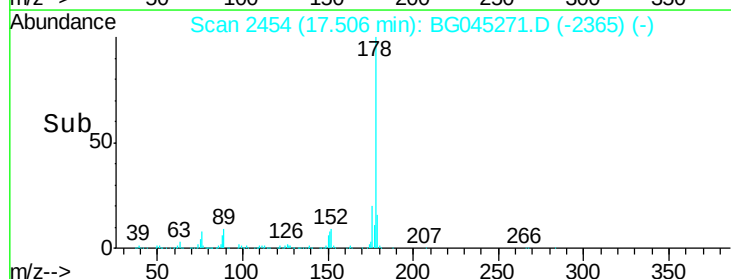
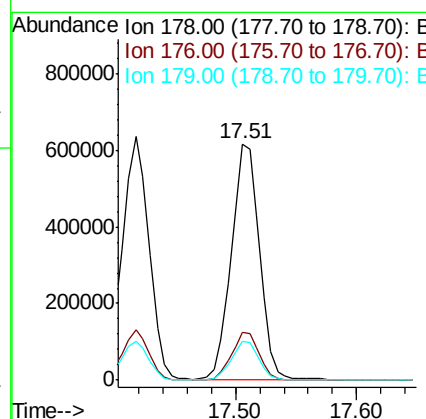
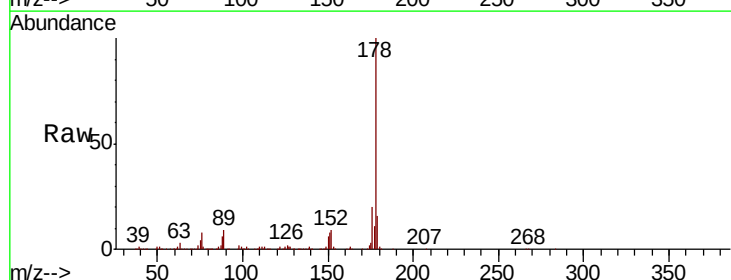
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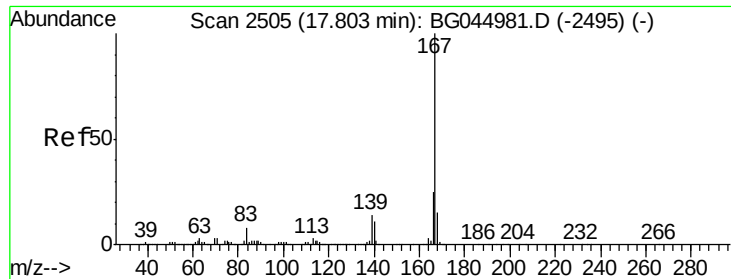


#72  
Anthracene  
Concen: 43.271 ng  
RT: 17.51 min Scan# 2454  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 16.0  | 24.0  |
| 179     | 16.5  | 13.6  | 20.4  |







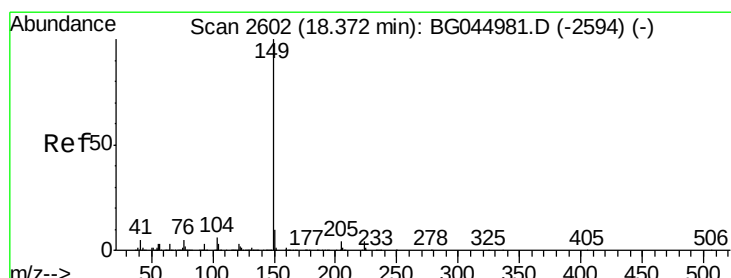
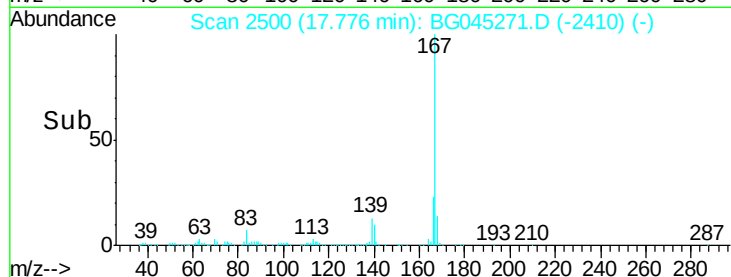
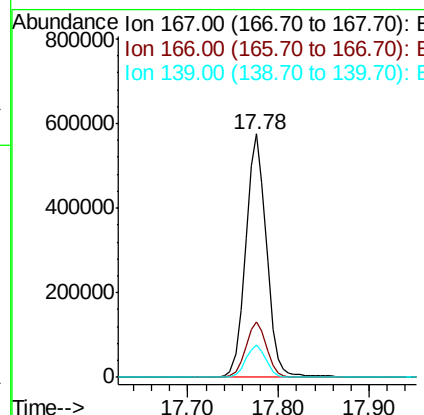
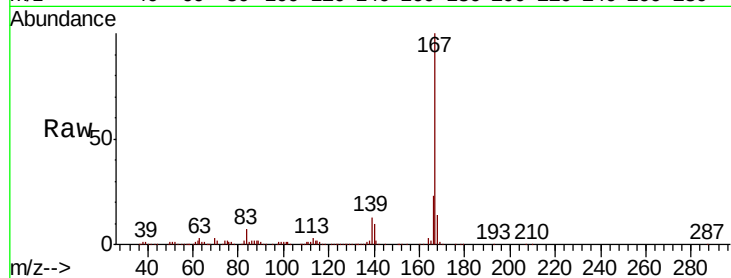
#73  
 Carbazole  
 Concen: 39.143 ng  
 RT: 17.78 min Scan# 2500  
 Delta R.T. 0.00 min  
 Lab File: BG045271.D  
 Acq: 7 May 2020 16:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.6  | 19.8  | 29.6  |
| 139     | 13.2  | 10.9  | 16.3  |

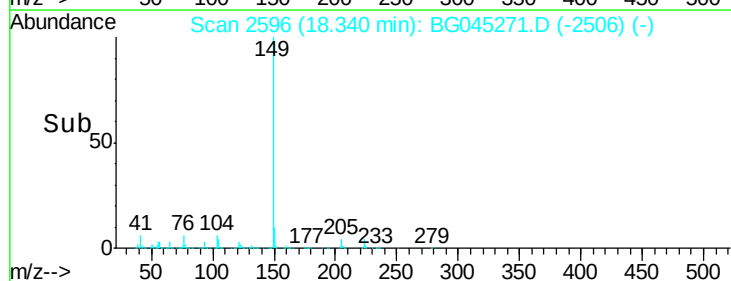
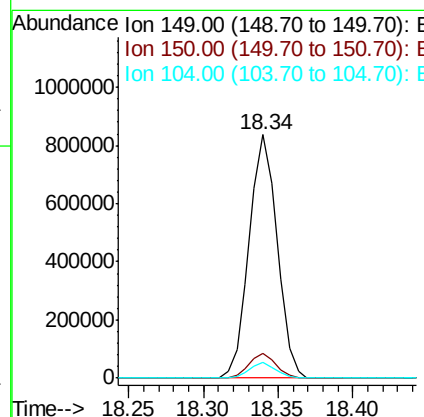
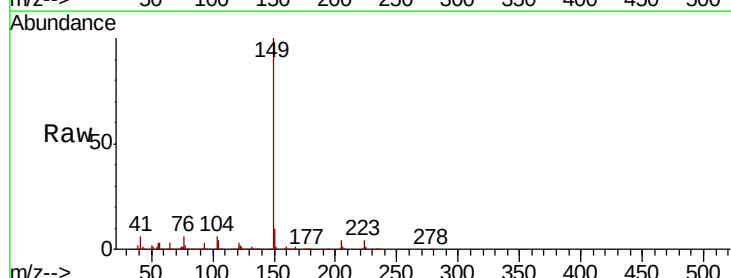
Manual Integrations  
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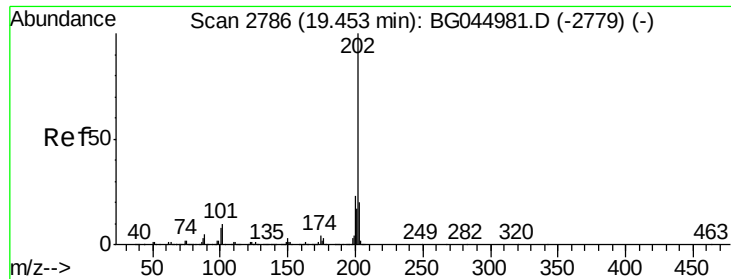
mohammad  
 5/8/2020 1:00:04 PM



#74  
 Di-n-butylphthalate  
 Concen: 42.442 ng  
 RT: 18.34 min Scan# 2596  
 Delta R.T. 0.00 min  
 Lab File: BG045271.D  
 Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.1  | 8.2   | 12.2  |
| 104     | 6.3   | 4.8   | 7.2   |





#75

Fluoranthene

Concen: 44.649 ng

RT: 19.43 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

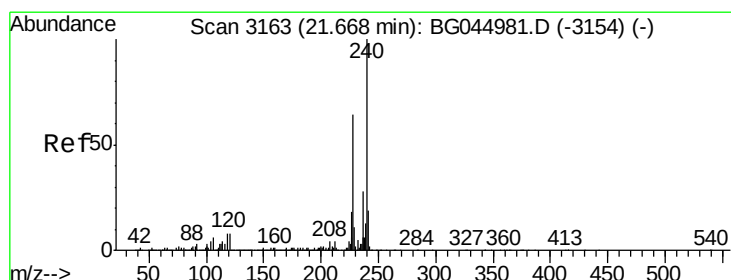
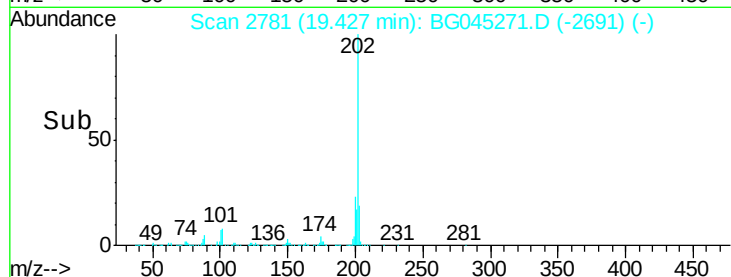
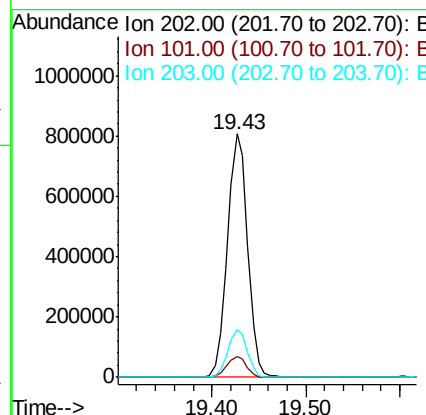
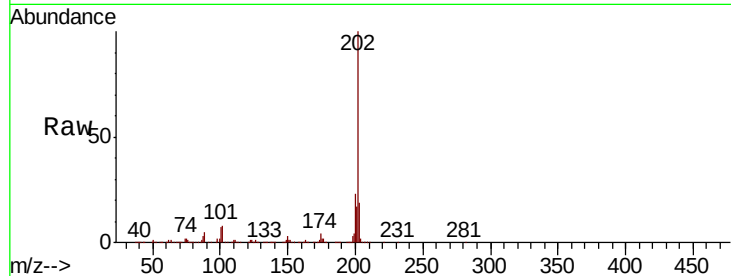
ClientSampleId :

TP-18AMSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1203876 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 8.4   | 0.0   | 29.6    |
| 203       | 19.4  | 0.0   | 39.7    |

Manual Integrations  
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#76

Chrysene-d12

Concen: 20.000 ng

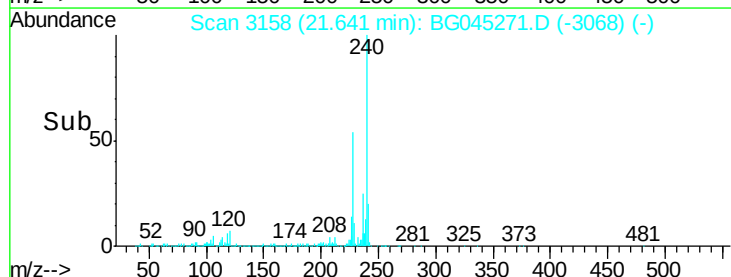
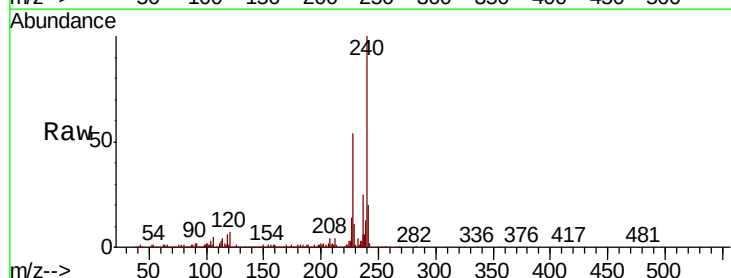
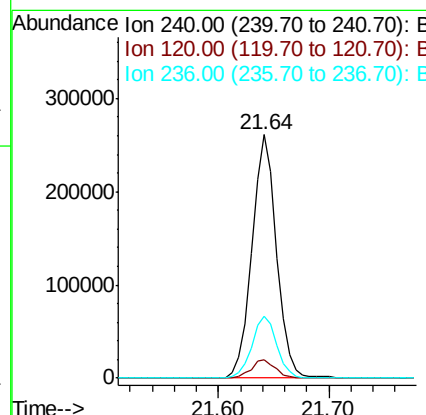
RT: 21.64 min Scan# 3158

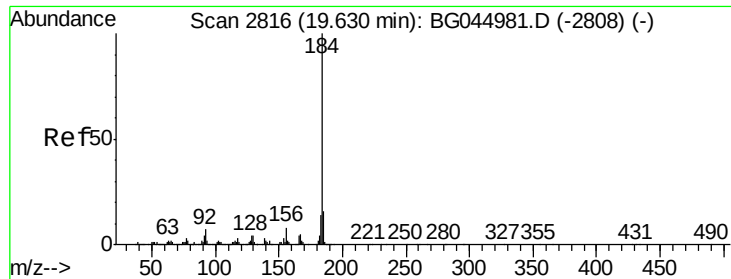
Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 407625 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 7.5   | 6.6   | 10.0   |
| 236       | 25.3  | 22.2  | 33.2   |





#77

Benzidine

Concen: 49.953 ng

RT: 19.60 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

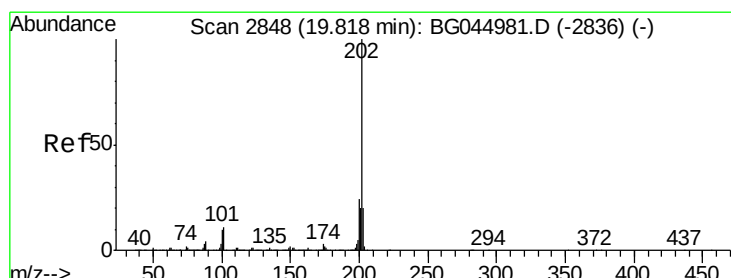
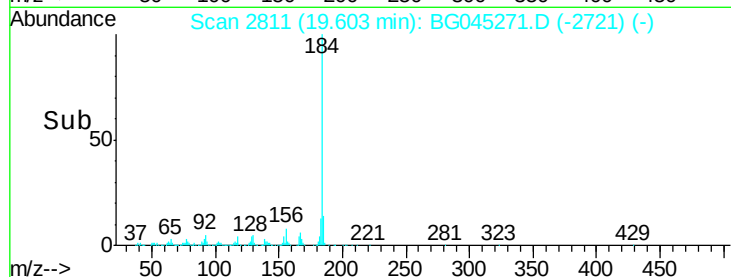
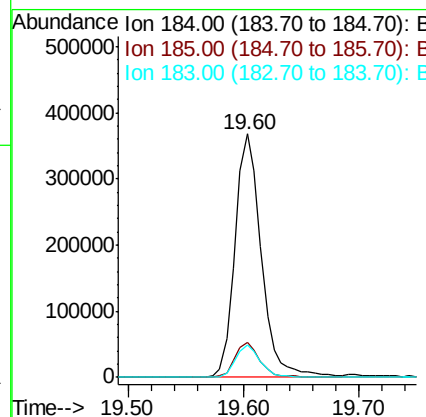
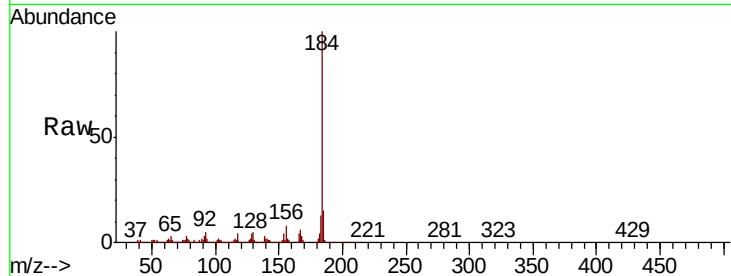
ClientSampled :

TP-18AMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 582029 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.5  | 12.6  | 19.0   |
| 183       | 13.1  | 11.3  | 16.9   |

Manual Integrations  
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5/8/2020 1:00:04 PM



#78

Pyrene

Concen: 42.567 ng

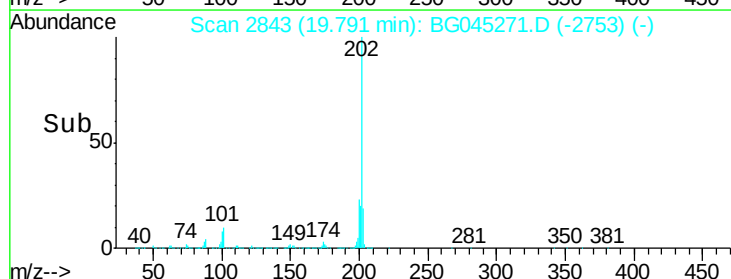
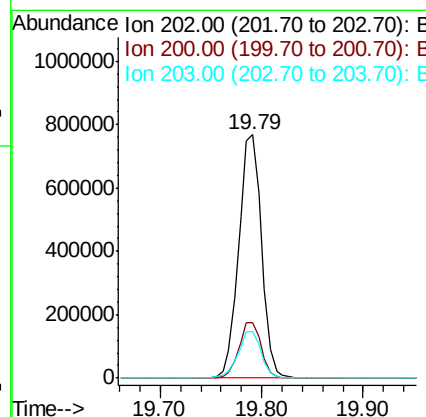
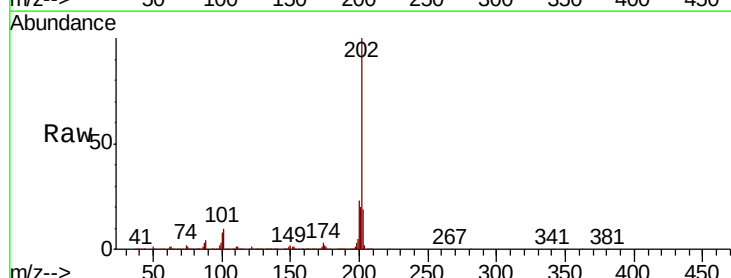
RT: 19.79 min Scan# 2843

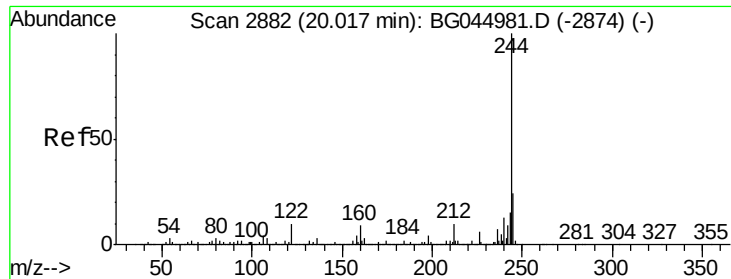
Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1196208 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 22.6  | 19.0  | 28.6    |
| 203       | 19.1  | 16.1  | 24.1    |





#79

Terphenyl-d14

Concen: 97.679 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

ClientSampleId :

TP-18AMSD

Tot Ion:244 Resp: 1826800

Ion Ratio Lower Upper

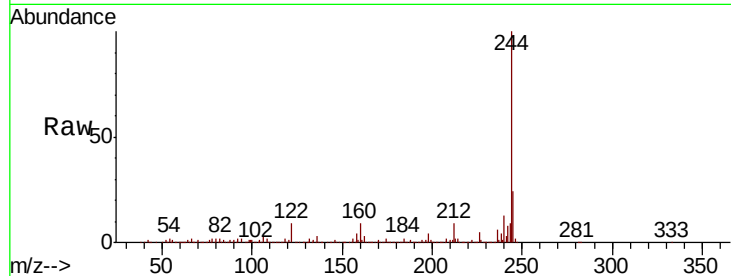
244 100

212 9.2 7.9 11.9

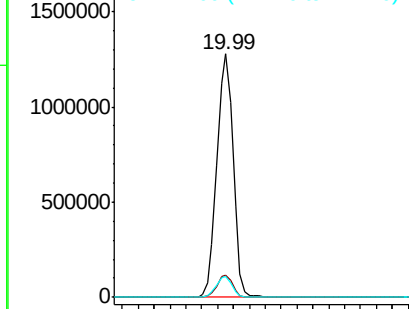
122 8.8 7.7 11.5

Manual Integrations  
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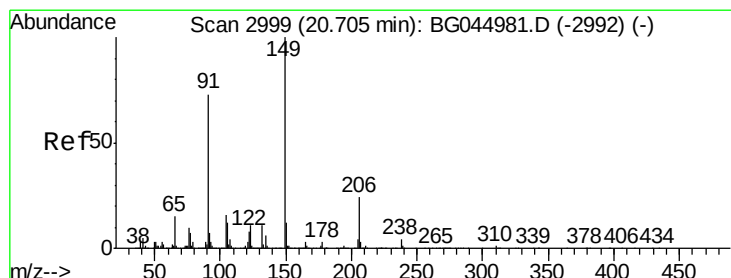
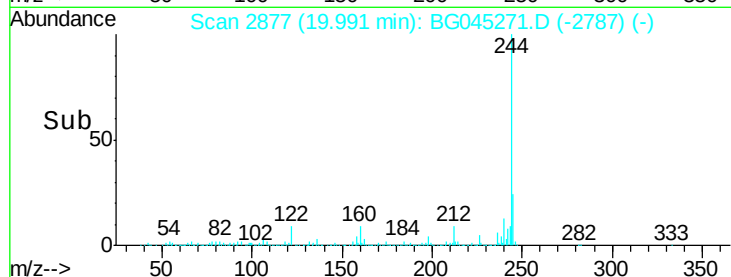
mohammad  
5/8/2020 1:00:04 PM



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



Time-->



#80

Butylbenzylphthalate

Concen: 41.458 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

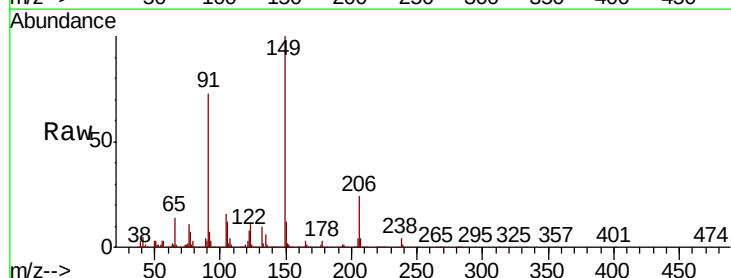
Tgt Ion:149 Resp: 482926

Ion Ratio Lower Upper

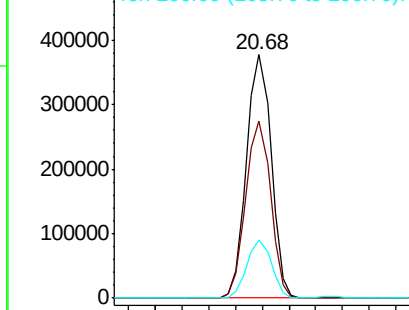
149 100

91 72.7 58.5 87.7

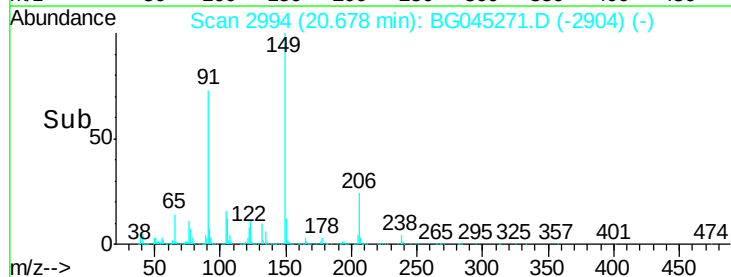
206 24.0 19.2 28.8

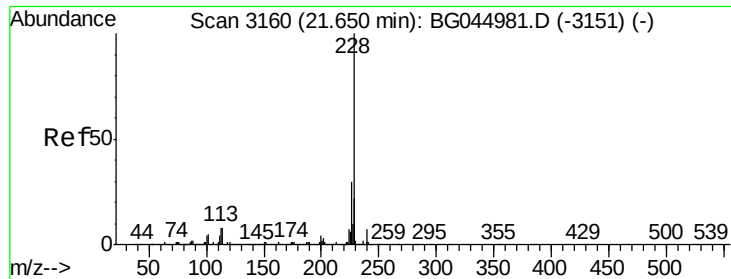


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E



Time-->





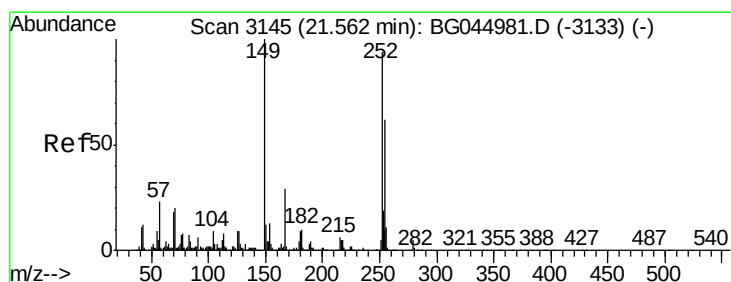
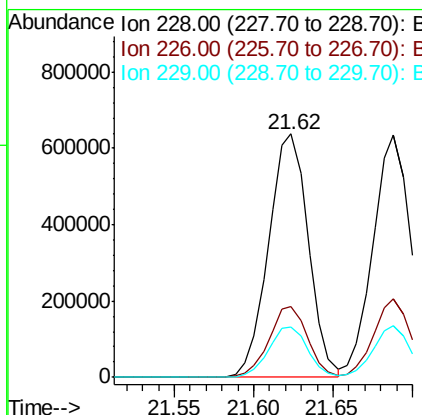
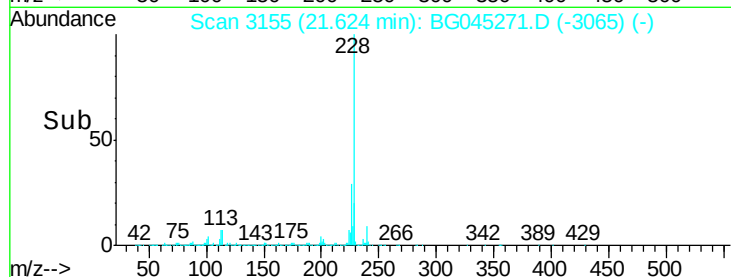
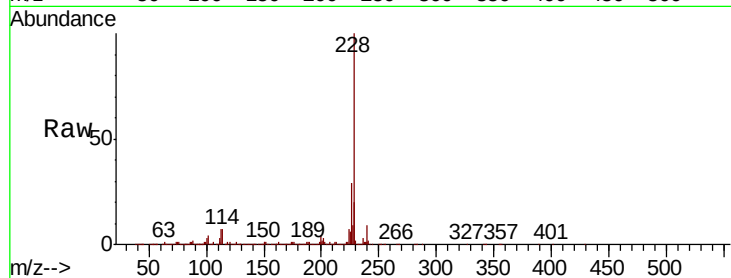
#81  
Benzo(a)anthracene  
Concen: 42.213 ng  
RT: 21.62 min Scan# 3155  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.1  | 24.0  | 36.0  |
| 229     | 20.5  | 17.5  | 26.3  |

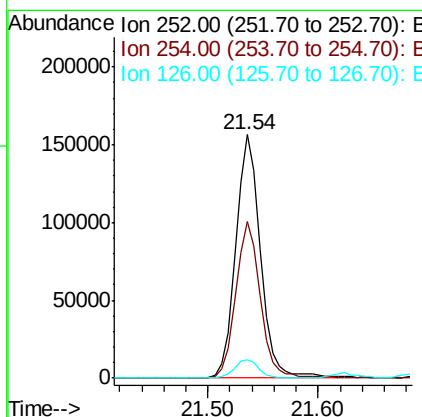
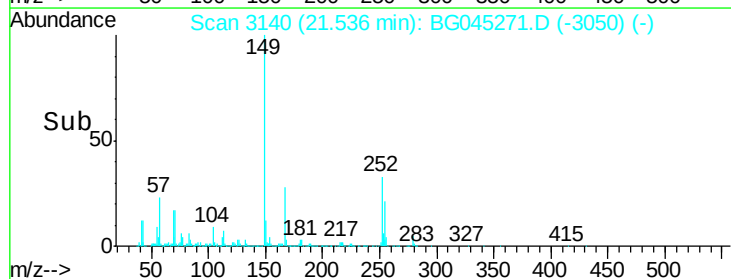
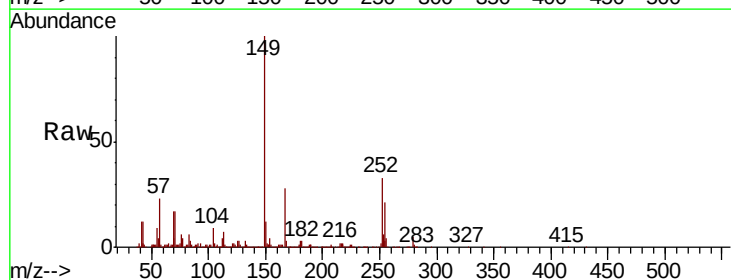
Manual Integrations  
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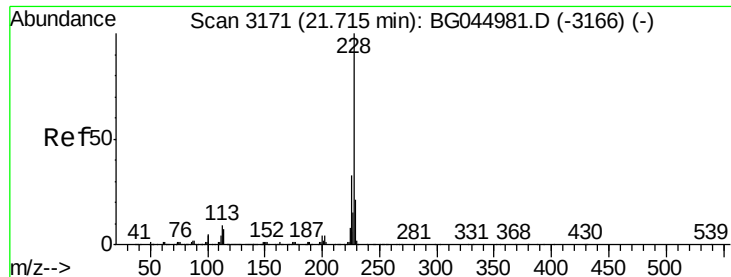
mohammad  
5/8/2020 1:00:04 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 23.358 ng  
RT: 21.54 min Scan# 3140  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.2  | 52.6  | 79.0  |
| 126     | 7.7   | 7.5   | 11.3  |





#83

Chrysene

Concen: 41.967 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

ClientSampleId :

TP-18AMSD

Tot Ion:228 Resp: 1065308

Ion Ratio Lower Upper

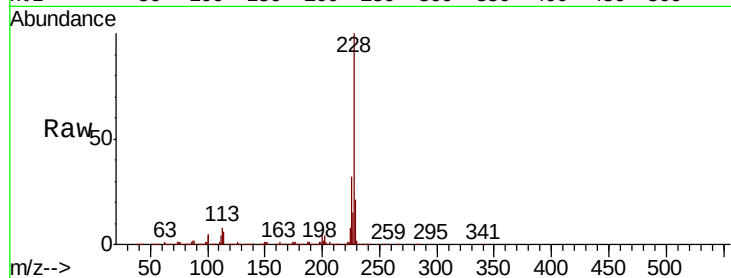
228 100

226 32.3 26.2 39.4

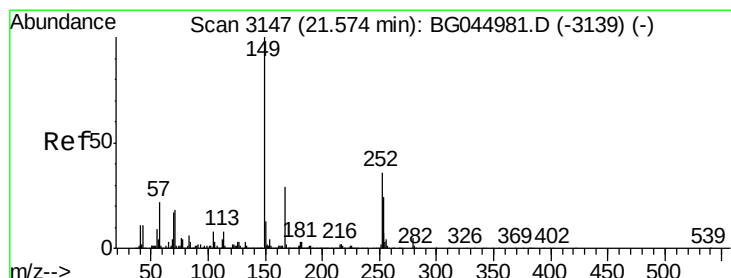
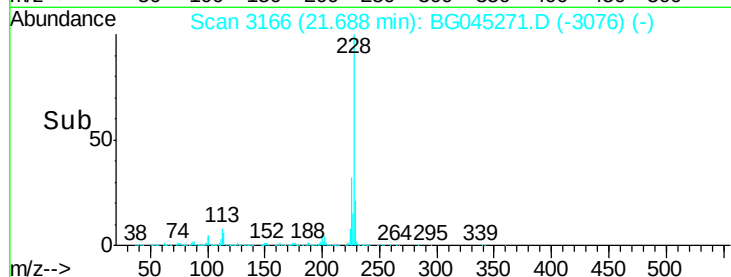
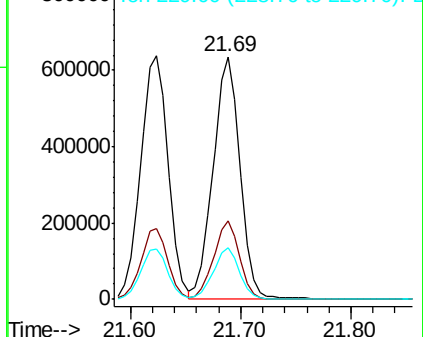
229 21.3 17.0 25.6

Manual Integrations  
APPROVED

mohammad  
5/8/2020 1:00:04 PM



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: 41.774 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

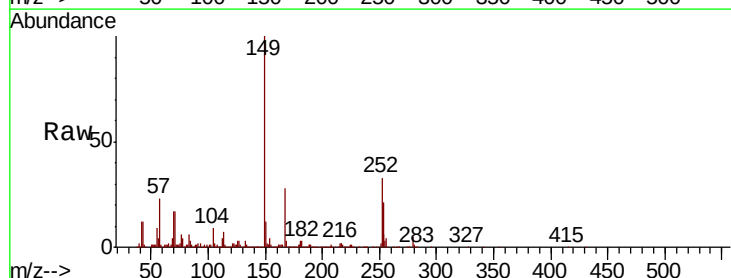
Tgt Ion:149 Resp: 669252

Ion Ratio Lower Upper

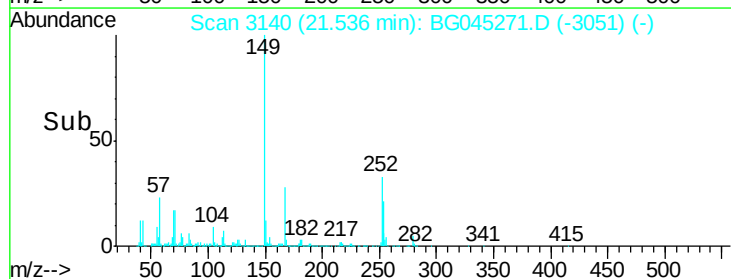
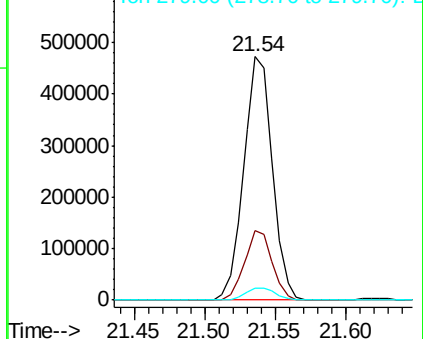
149 100

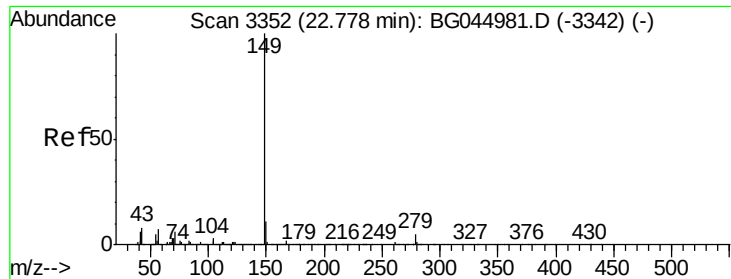
167 28.4 23.4 35.0

279 5.2 4.3 6.5



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: 40.471 ng

RT: 22.73 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

Instrument :

BNA\_G

ClientSampleId :

TP-18AMSD

Tot Ion:149 Resp: 1121208

Ion Ratio Lower Upper

149 100

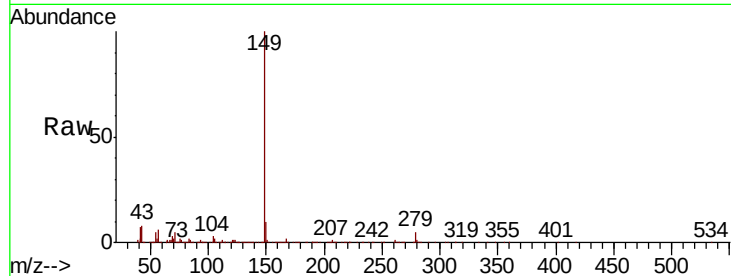
167 1.7 1.4 2.2

43 7.1 5.7 8.5

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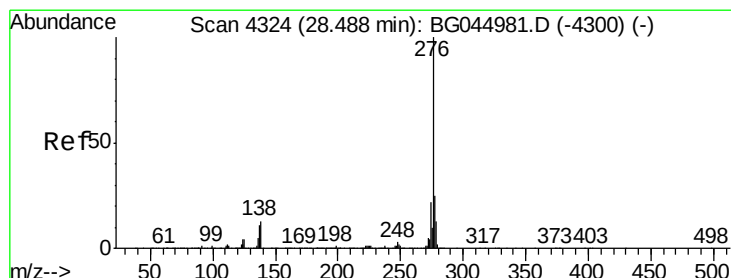
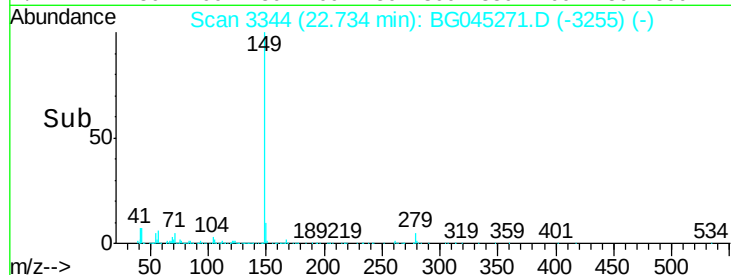
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

22.73

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.373 ng

RT: 28.42 min Scan# 4312

Delta R.T. 0.01 min

Lab File: BG045271.D

Acq: 7 May 2020 16:01

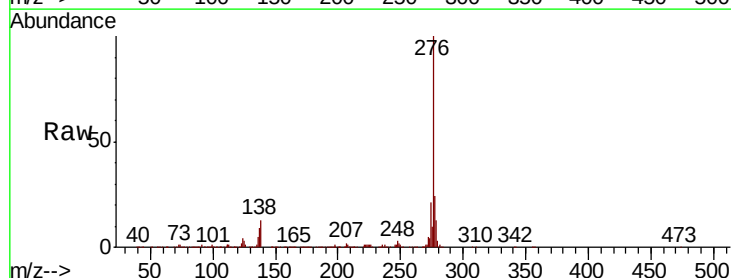
Tgt Ion:276 Resp: 1394378

Ion Ratio Lower Upper

276 100

138 15.0 9.6 14.4#

277 25.7 20.6 31.0



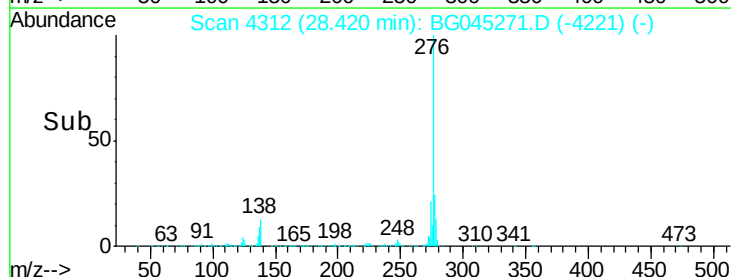
Abundance Ion 276.00 (275.70 to 276.70): E

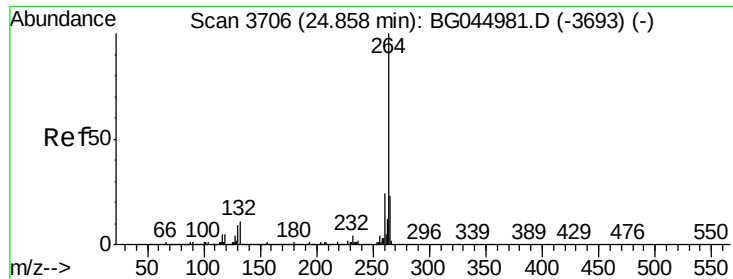
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.42

Time-->





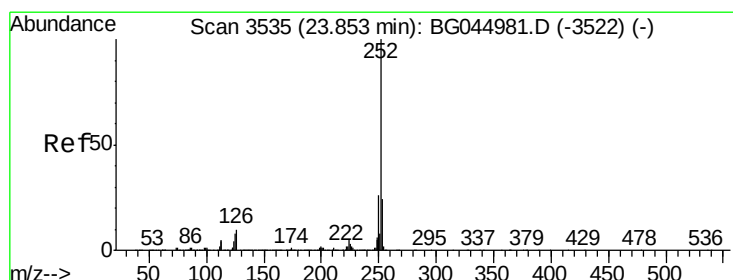
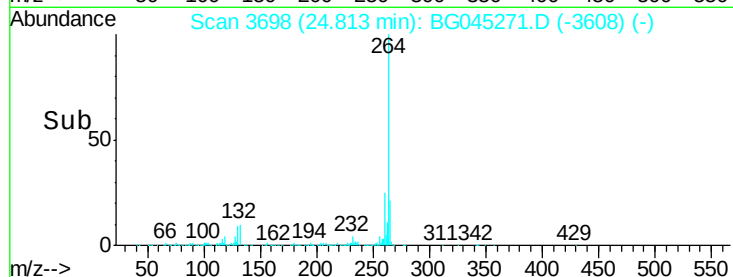
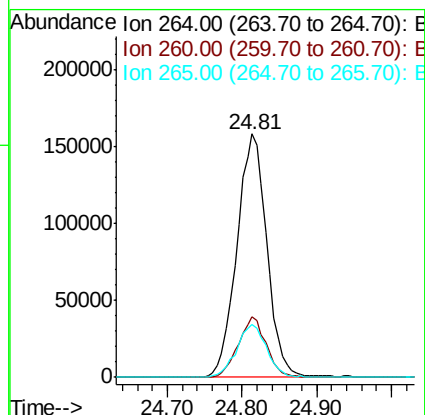
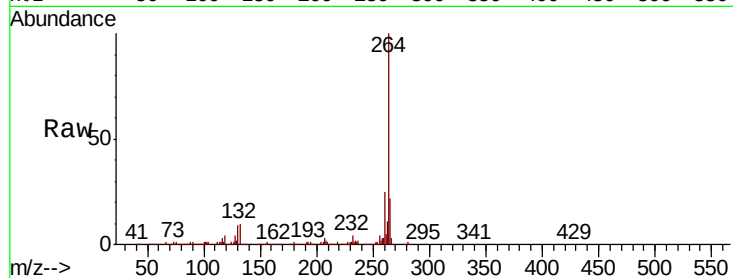
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.81 min Scan# 3698  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.1  | 19.2  | 28.8  |
| 265     | 21.6  | 19.0  | 28.4  |

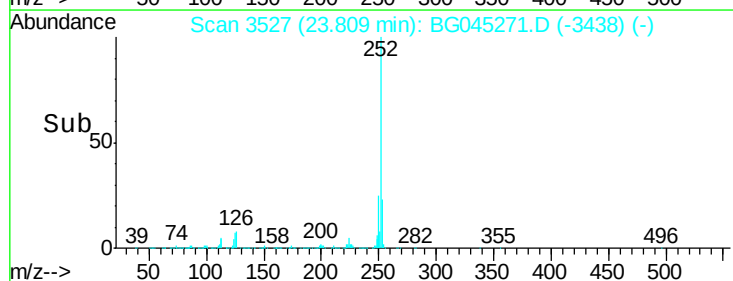
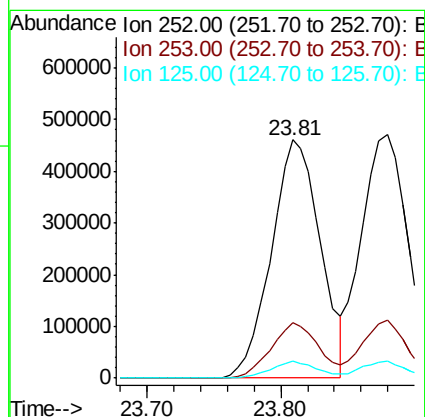
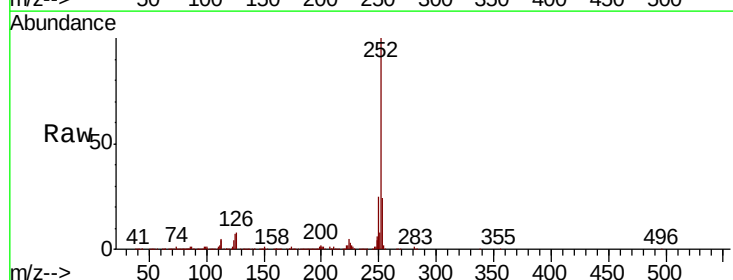
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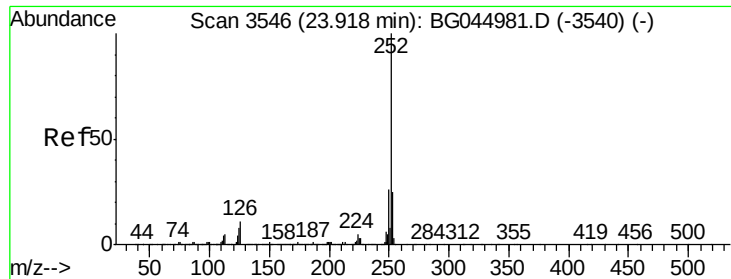


#88  
Benzo(b)fluoranthene  
Concen: 42.333 ng  
RT: 23.81 min Scan# 3527  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.5  | 18.8  | 28.2  |
| 125     | 7.1   | 6.2   | 9.4   |







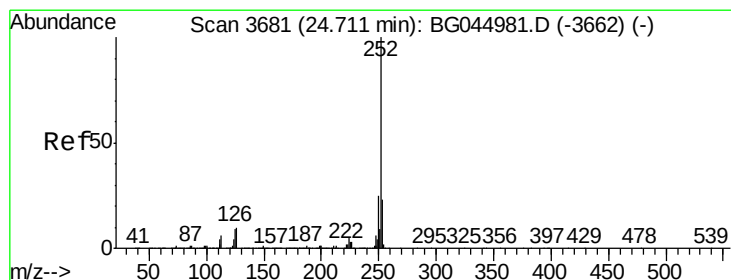
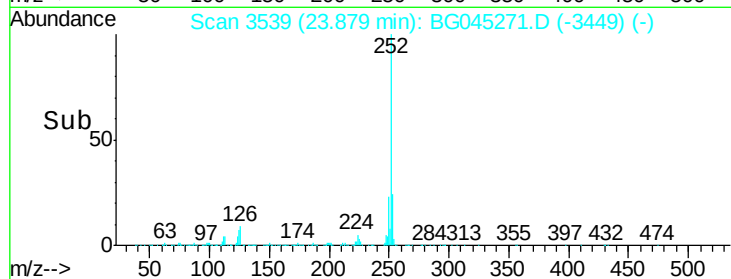
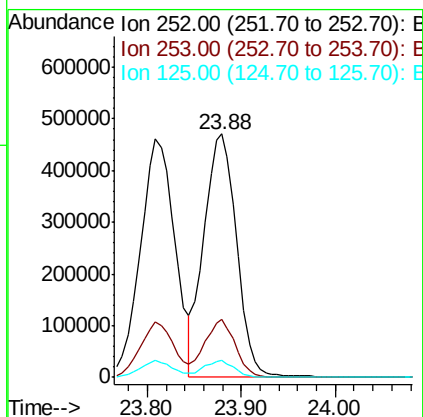
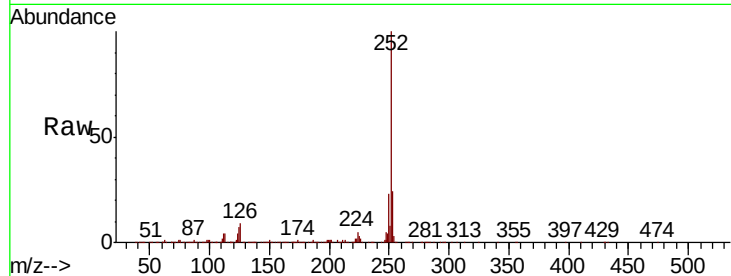
#89  
Benzo(k)fluoranthene  
Concen: 43.396 ng  
RT: 23.88 min Scan# 3539  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.8  | 19.2  | 28.8  |
| 125     | 6.8   | 5.9   | 8.9   |

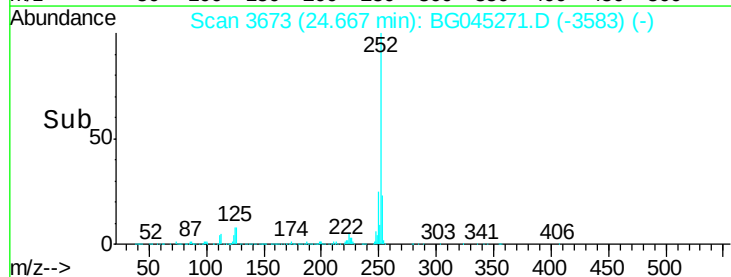
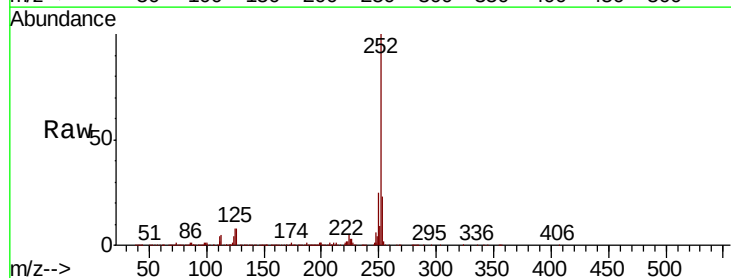
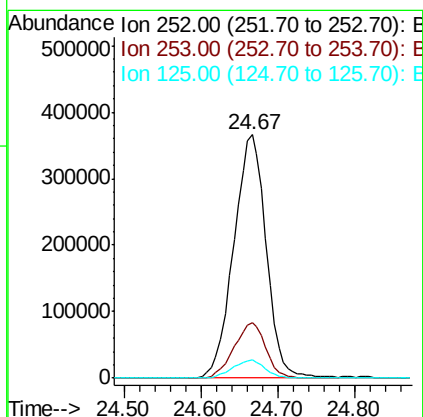
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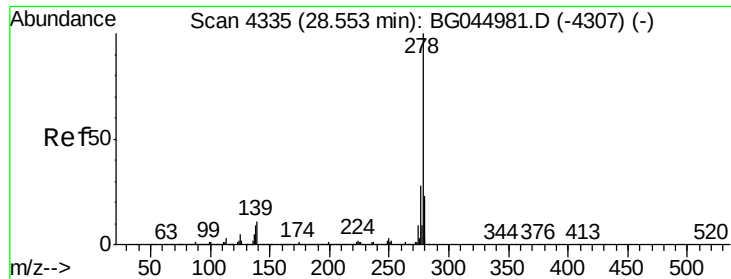
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5/8/2020 1:00:04 PM



#90  
Benzo(a)pyrene  
Concen: 41.204 ng  
RT: 24.67 min Scan# 3673  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.3  | 27.5  |
| 125     | 7.6   | 7.0   | 10.6  |





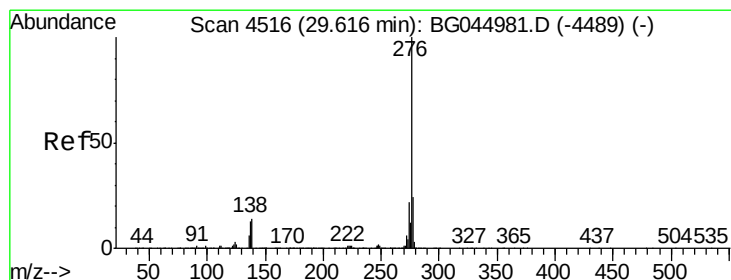
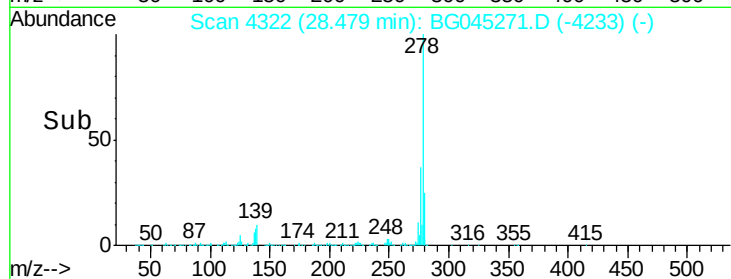
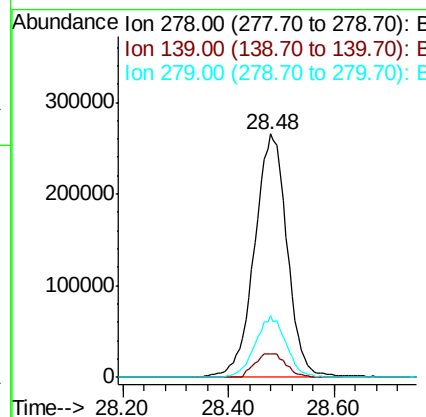
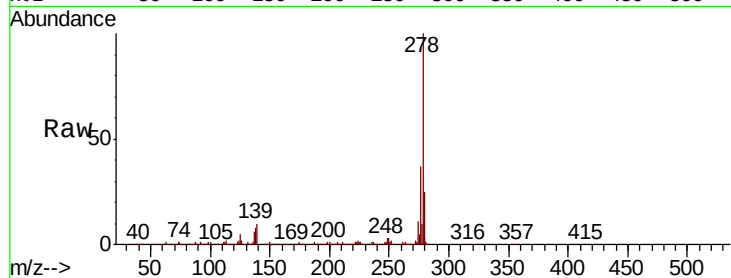
#91  
Dibenzo(a,h)anthracene  
Concen: 43.141 ng  
RT: 28.48 min Scan# 4322  
Delta R.T. -0.01 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

Instrument :  
BNA\_G  
ClientSampleId :  
TP-18AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.8   | 9.0   | 13.6  |
| 279     | 25.3  | 18.4  | 27.6  |

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 44.078 ng  
RT: 29.54 min Scan# 4503  
Delta R.T. 0.00 min  
Lab File: BG045271.D  
Acq: 7 May 2020 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.5  | 19.3  | 28.9  |
| 138     | 12.8  | 11.4  | 17.2  |

