

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\  
 Data File : BG046538.D  
 Acq On : 4 Sep 2020 13:06  
 Operator : CG/JU  
 Sample : PB131426BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131426BS

Manual Integrations  
 APPROVED

mohammad  
 9/8/2020 1:45:10 PM

Quant Time: Sep 04 13:45:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 15:06:53 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.93  | 152  | 74452    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.73 | 136  | 307498   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.56 | 164  | 208324   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.31 | 188  | 480686   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.55 | 240  | 472745   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.65 | 264  | 457352   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.52  | 112 | 477562  | 113.61 | ng | 0.00 |
| 7) Phenol-d6                | 7.11  | 99  | 619065  | 103.89 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.09  | 82  | 504040  | 93.69  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.05 | 330 | 252616  | 89.50  | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.19 | 172 | 1255156 | 91.98  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.92 | 244 | 1591786 | 71.66  | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.42  | 88  | 60162  | 34.402 | ng | 94   |
| 3) Pyridine                    | 3.81  | 79  | 135623 | 26.506 | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.72  | 42  | 75289  | 39.896 | ng | # 98 |
| 6) Aniline                     | 7.25  | 93  | 220329 | 32.858 | ng | 99   |
| 8) 2-Chlorophenol              | 7.50  | 128 | 188613 | 42.454 | ng | 99   |
| 9) Benzaldehyde                | 7.06  | 77  | 111503 | 33.399 | ng | 94   |
| 10) Phenol                     | 7.14  | 94  | 233627 | 42.567 | ng | 100  |
| 11) bis(2-Chloroethyl)ether    | 7.35  | 93  | 175444 | 39.768 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 7.82  | 146 | 210686 | 37.352 | ng | 100  |
| 13) 1,4-Dichlorobenzene        | 7.96  | 146 | 214149 | 37.923 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 8.29  | 146 | 199141 | 36.779 | ng | 100  |
| 15) Benzyl Alcohol             | 8.17  | 79  | 158837 | 41.518 | ng | 100  |
| 16) 2,2'-oxybis(1-Chloropropan | 8.46  | 45  | 267079 | 39.029 | ng | 99   |
| 17) 2-Methylphenol             | 8.38  | 107 | 161893 | 41.592 | ng | 99   |
| 18) Hexachloroethane           | 9.01  | 117 | 71134  | 37.152 | ng | 99   |
| 19) n-Nitroso-di-n-propylamine | 8.73  | 70  | 139564 | 39.155 | ng | 99   |
| 20) 3+4-Methylphenols          | 8.70  | 107 | 222587 | 41.431 | ng | 98   |
| 22) Acetophenone               | 8.75  | 105 | 270446 | 36.131 | ng | # 98 |
| 24) Nitrobenzene               | 9.13  | 77  | 201638 | 37.936 | ng | 99   |
| 25) Isophorone                 | 9.65  | 82  | 380165 | 38.542 | ng | 99   |
| 26) 2-Nitrophenol              | 9.84  | 139 | 110305 | 39.334 | ng | 98   |
| 27) 2,4-Dimethylphenol         | 9.90  | 122 | 176831 | 45.846 | ng | 95   |
| 28) bis(2-Chloroethoxy)methane | 10.13 | 93  | 234961 | 37.009 | ng | 100  |
| 29) 2,4-Dichlorophenol         | 10.38 | 162 | 202369 | 39.358 | ng | 99   |
| 30) 1,2,4-Trichlorobenzene     | 10.59 | 180 | 217889 | 35.715 | ng | 96   |
| 31) Naphthalene                | 10.78 | 128 | 560713 | 37.346 | ng | 99   |
| 32) Benzoic acid               | 10.05 | 122 | 77010  | 31.305 | ng | 99   |
| 33) 4-Chloroaniline            | 10.88 | 127 | 154956 | 23.405 | ng | 99   |
| 34) Hexachlorobutadiene        | 11.07 | 225 | 141781 | 35.800 | ng | 99   |
| 35) Caprolactam                | 11.65 | 113 | 63050m | 32.804 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 12.02 | 107 | 191119 | 38.004 | ng | 94   |
| 37) 2-Methylnaphthalene        | 12.38 | 142 | 445141 | 37.593 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.61 | 142 | 418553 | 37.316 | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 260185 | 37.874 | ng | 99   |

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Instrument :  
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Manual Integrations  
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Quant Time: Sep 04 13:45:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 15:06:53 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.74 | 237  | 301851   | 101.051 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.99 | 196  | 175262   | 37.805  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.07 | 196  | 186683   | 38.327  | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.39 | 154  | 568642   | 39.233  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.43 | 162  | 442893   | 36.040  | nq    | 99       |
| 48) 2-Nitroaniline             | 13.63 | 65   | 120804   | 35.402  | nq    | 97       |
| 49) Acenaphthylene             | 14.28 | 152  | 704786   | 37.808  | nq    | 99       |
| 50) Dimethylphthalate          | 14.02 | 163  | 562278   | 34.887  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.13 | 165  | 129144   | 36.351  | nq    | 98       |
| 52) Acenaphthene               | 14.63 | 154  | 415281   | 35.950  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.46 | 138  | 95487    | 24.812  | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 14.67 | 184  | 160753   | 77.518  | nq    | 97       |
| 55) Dibenzofuran               | 14.96 | 168  | 675563   | 36.441  | nq    | 99       |
| 56) 4-Nitrophenol              | 14.79 | 139  | 201987   | 71.317  | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.92 | 165  | 178321   | 35.201  | nq    | 97       |
| 58) Fluorene                   | 15.61 | 166  | 550033   | 35.350  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.19 | 232  | 175785   | 37.165  | nq    | 98       |
| 60) Diethylphthalate           | 15.38 | 149  | 550552   | 35.036  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.60 | 204  | 304041   | 35.481  | nq    | 97       |
| 62) 4-Nitroaniline             | 15.63 | 138  | 125384   | 30.878  | nq    | 96       |
| 63) Azobenzene                 | 15.90 | 77   | 467387   | 36.565  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.69 | 198  | 115495   | 42.450  | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.81 | 169  | 494603   | 38.141  | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.50 | 248  | 206552   | 36.831  | nq    | 97       |
| 68) Hexachlorobenzene          | 16.62 | 284  | 216451   | 34.850  | nq    | 96       |
| 69) Atrazine                   | 16.77 | 200  | 180773   | 34.171  | nq    | 98       |
| 70) Pentachlorophenol          | 16.97 | 266  | 258367   | 79.620  | nq    | 99       |
| 71) Phenanthrene               | 17.35 | 178  | 883113   | 36.246  | nq    | 100      |
| 72) Anthracene                 | 17.44 | 178  | 903346   | 37.579  | nq    | 100      |
| 73) Carbazole                  | 17.71 | 167  | 814842   | 35.902  | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.27 | 149  | 954879   | 36.587  | nq    | 100      |
| 75) Fluoranthene               | 19.36 | 202  | 1109864  | 35.397  | nq    | 99       |
| 77) Benzidine                  | 19.53 | 184  | 458894   | 41.774  | nq    | 99       |
| 78) Pyrene                     | 19.71 | 202  | 1102881  | 36.636  | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.61 | 149  | 435033   | 37.049  | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.53 | 228  | 1082304  | 36.731  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.45 | 252  | 325909   | 29.804  | nq    | 100      |
| 83) Chrysene                   | 21.59 | 228  | 1034681  | 36.504  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.45 | 149  | 614799   | 38.367  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.62 | 149  | 1066324  | 38.863  | nq    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.16 | 276  | 1293090  | 39.366  | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 23.67 | 252  | 1106695  | 38.753  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.74 | 252  | 1101414  | 39.907  | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.51 | 252  | 1030976  | 38.685  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.22 | 278  | 1066438  | 40.232  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.26 | 276  | 1095509  | 41.387  | nq    | 99       |

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

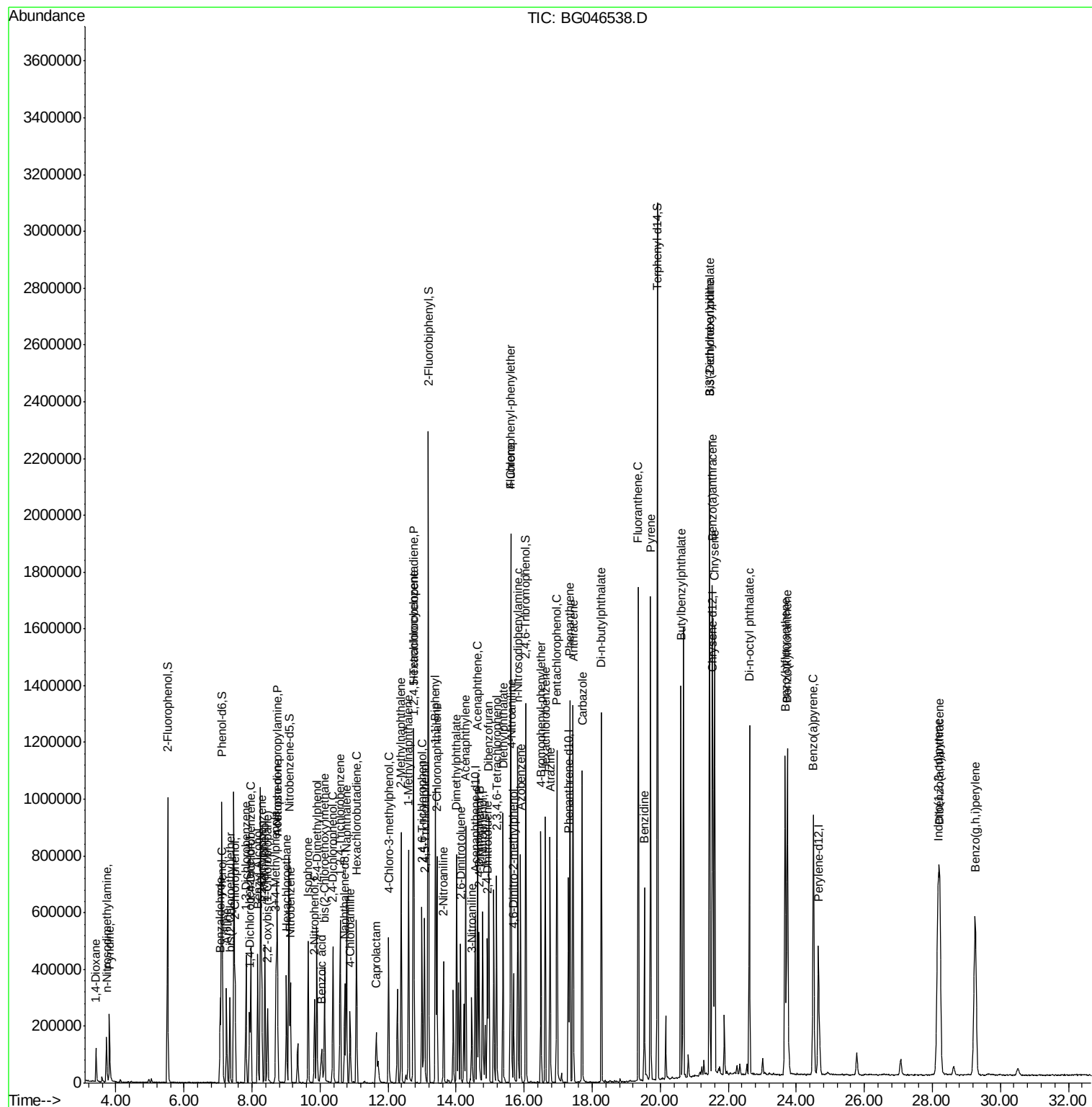
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\  
 Data File : BG046538.D  
 Acq On : 4 Sep 2020 13:06  
 Operator : CG/JU  
 Sample : PB131426BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

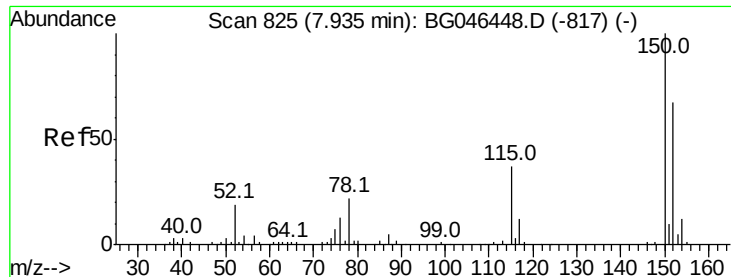
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131426BS

Manual Integrations  
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Quant Time: Sep 04 13:45:27 2020  
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 QLast Update : Wed Sep 02 15:06:53 2020  
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#1

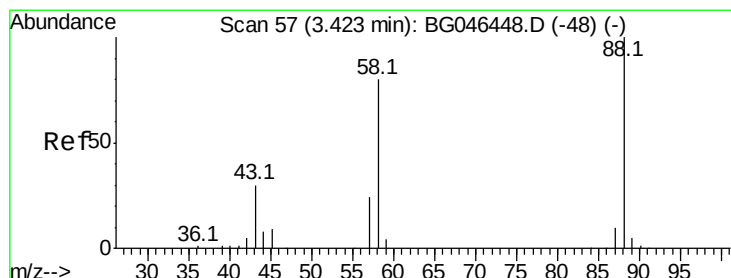
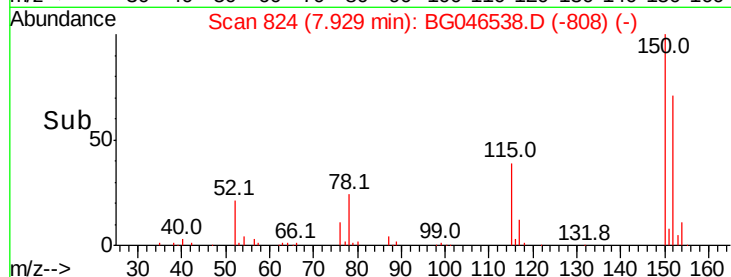
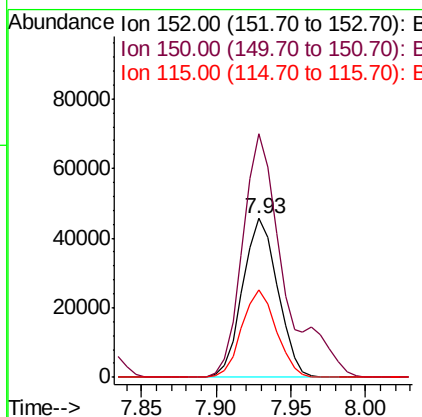
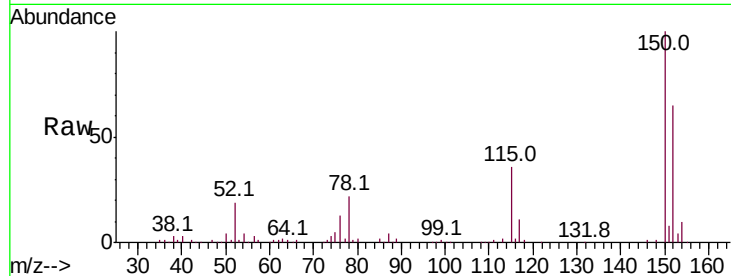
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.93 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.4 | 119.5 | 179.3 |
| 115     | 55.1  | 44.3  | 66.5  |

Manual Integrations  
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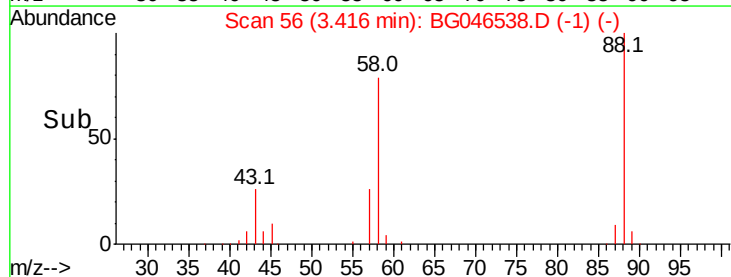
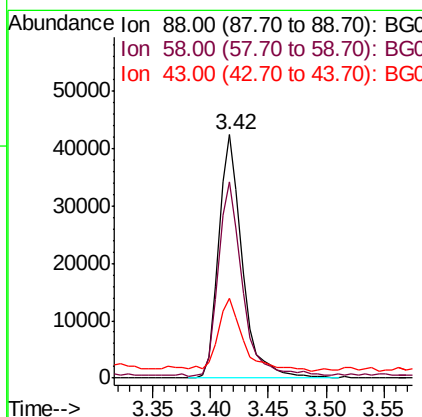
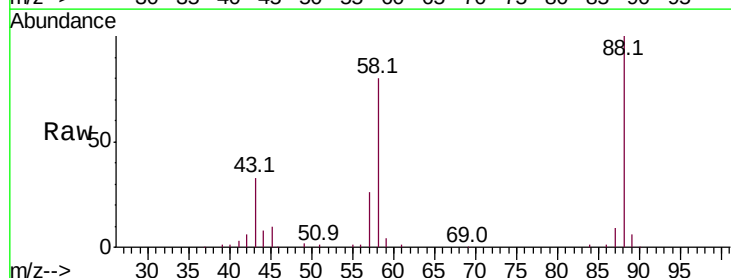
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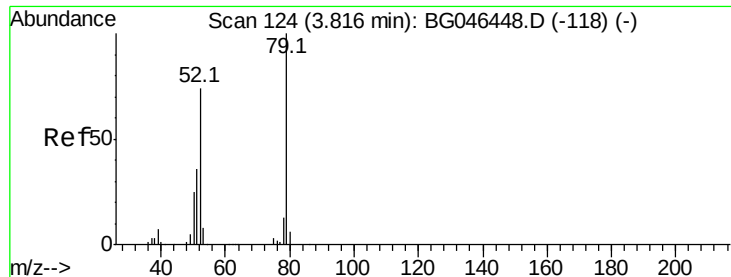


#2

1,4-Dioxane  
Concen: 34.402 ng  
RT: 3.42 min Scan# 56  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.3  | 61.4  | 92.2  |
| 43      | 32.2  | 21.6  | 32.4  |





#3

Pvridine

Concen: 26.506 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA\_G

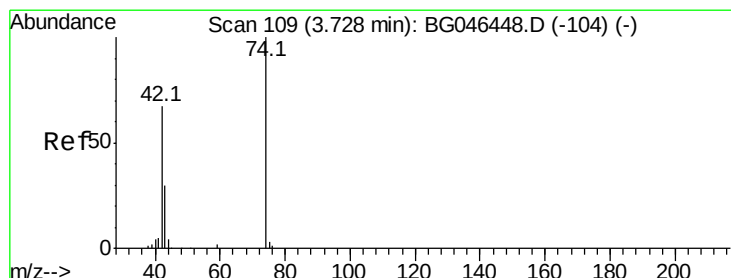
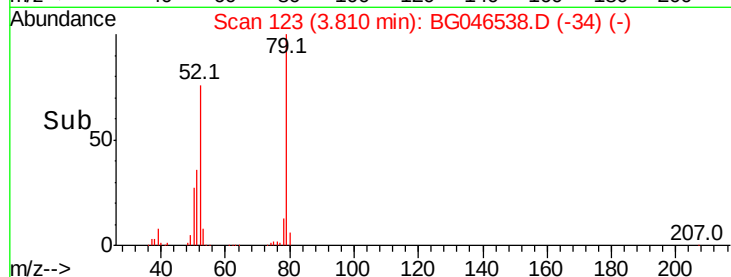
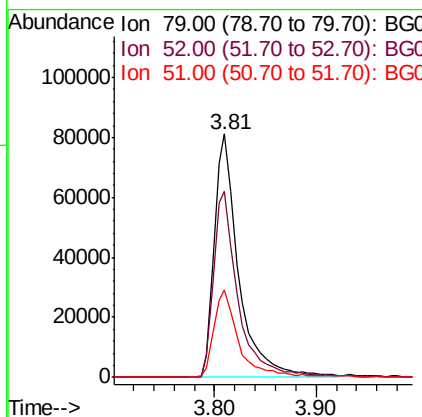
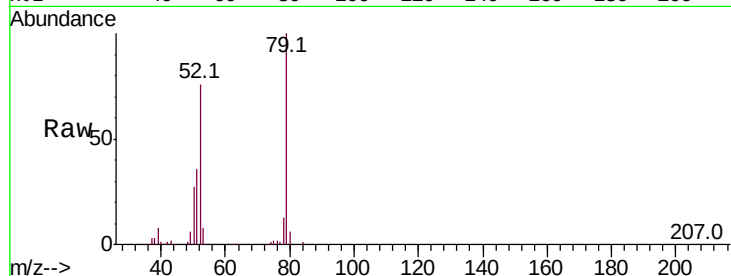
ClientSampleId :

PB131426BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 135623 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 76.4  | 59.1  | 88.7   |
| 51       | 36.0  | 29.0  | 43.6   |

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#4

n-Nitrosodimethylamine

Concen: 39.896 ng

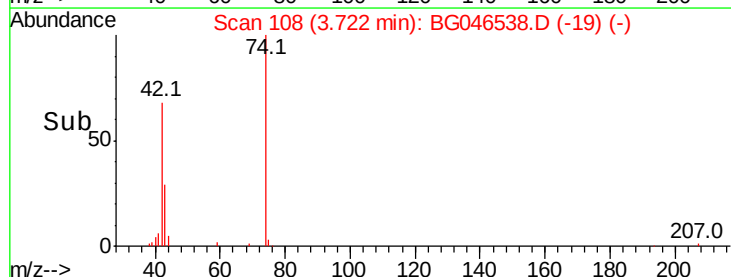
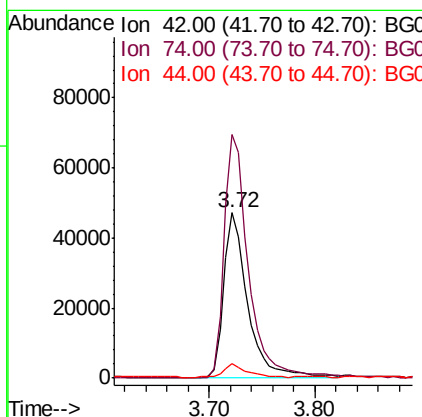
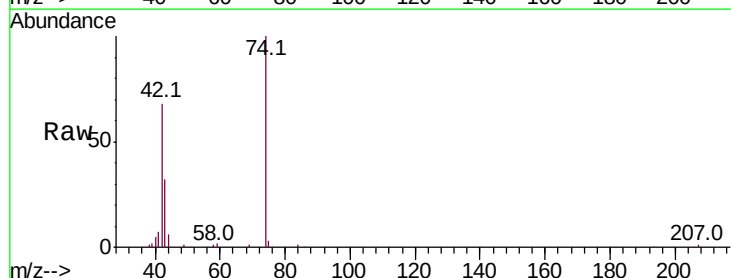
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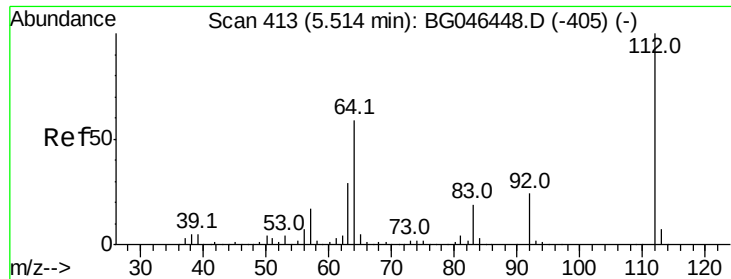
Delta R.T. -0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 75289 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 147.1 | 119.5 | 179.3 |
| 44       | 8.9   | 5.7   | 8.5#  |





#5

2-Fluorophenol

Concen: 113.610 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA\_G

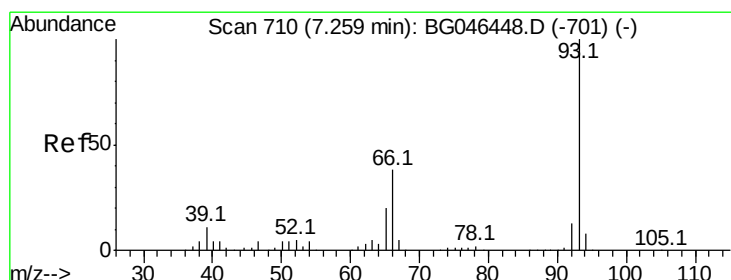
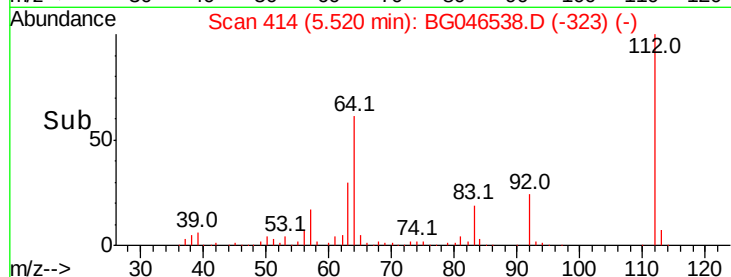
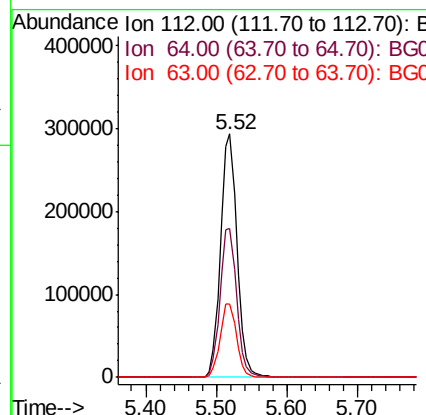
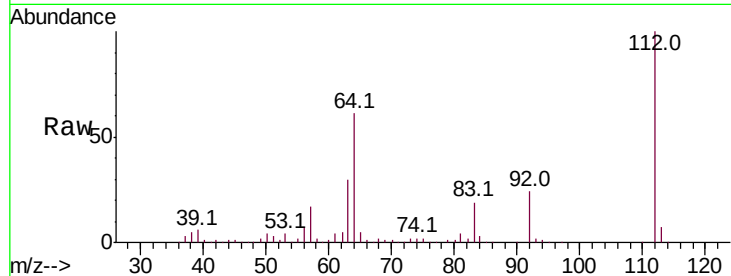
ClientSampleId :

PB131426BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 477562 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 61.2  | 47.0  | 70.6   |
| 63        | 30.2  | 23.5  | 35.3   |

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#6

Aniline

Concen: 32.858 ng

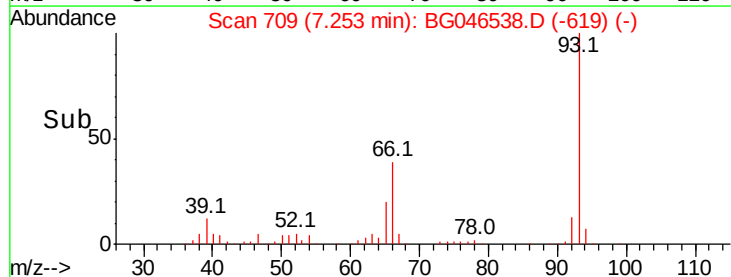
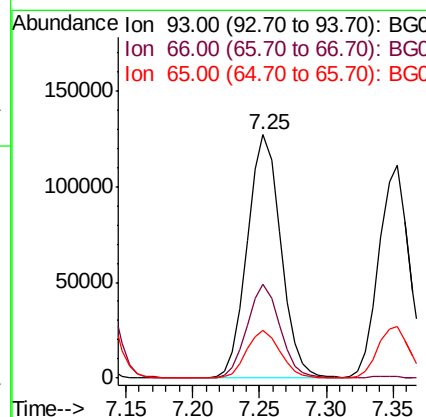
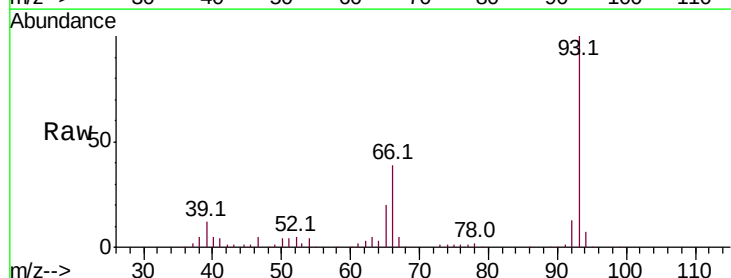
RT: 7.25 min Scan# 709

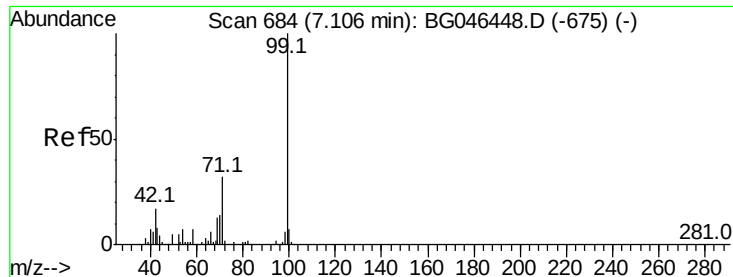
Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 220329 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 38.6  | 30.4  | 45.6   |
| 65        | 19.7  | 15.8  | 23.6   |





#7

Phenol-d6

Concen: 103.889 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA\_G

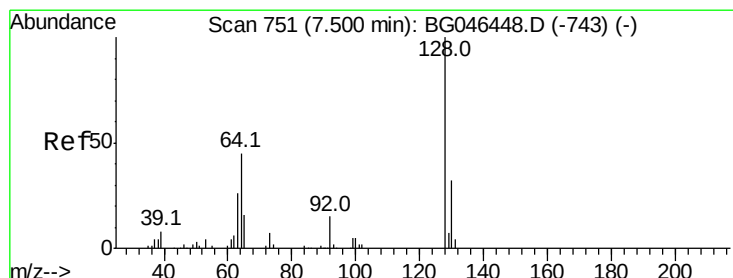
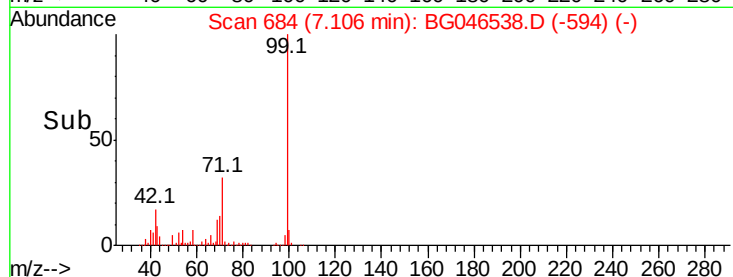
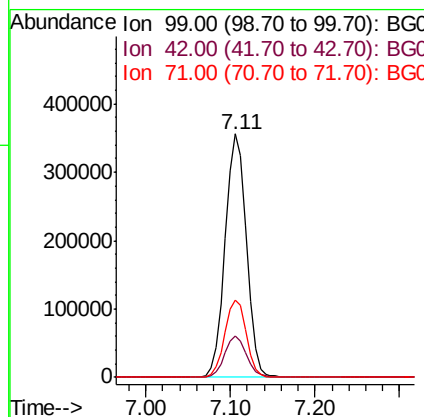
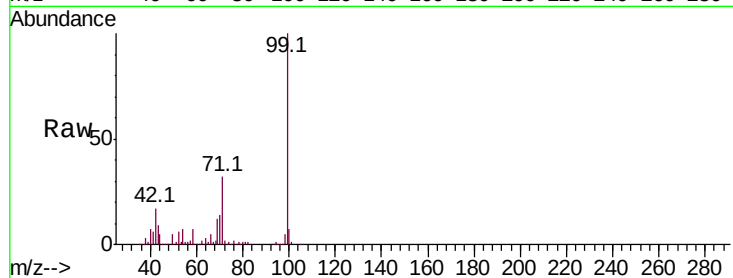
ClientSampleId :

PB131426BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 619065 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.9  | 13.3  | 19.9   |
| 71        | 32.0  | 25.3  | 37.9   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 42.454 ng

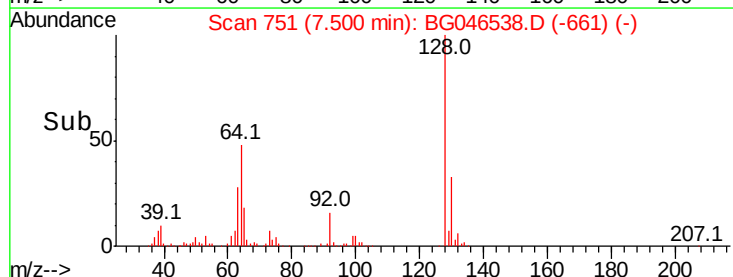
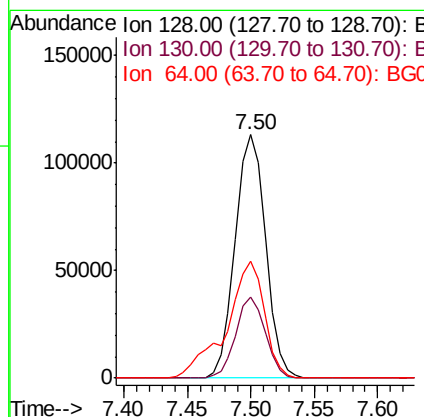
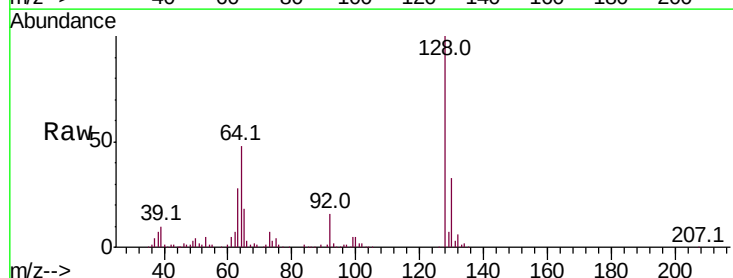
RT: 7.50 min Scan# 751

Delta R.T. -0.00 min

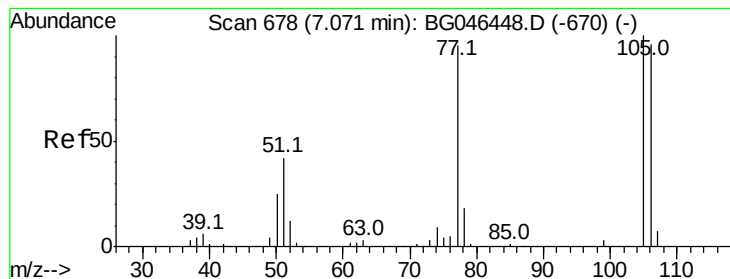
Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 188613 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.2  | 12.4  | 52.4   |
| 64        | 48.1  | 28.1  | 68.1   |







#9

Benzaldehyde

Concen: 33.399 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA\_G

ClientSampleId :

PB131426BS

Tot Ion: 77 Resp: 111503

Ion Ratio Lower Upper

77 100

105 98.4 85.6 125.6

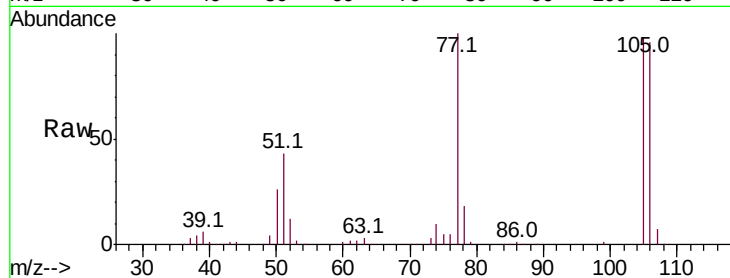
106 95.7 80.8 120.8

Manual Integrations

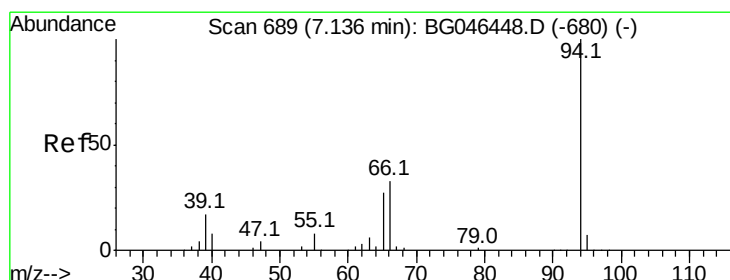
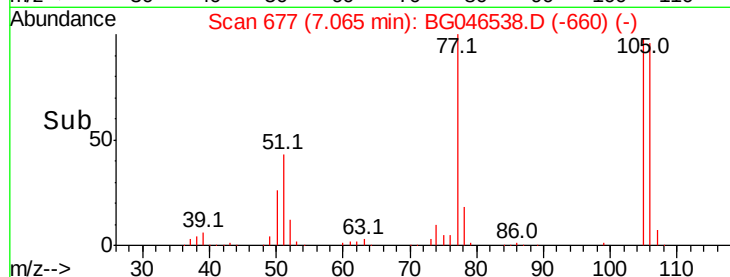
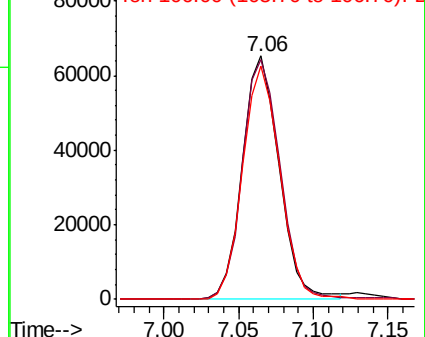
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Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.567 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

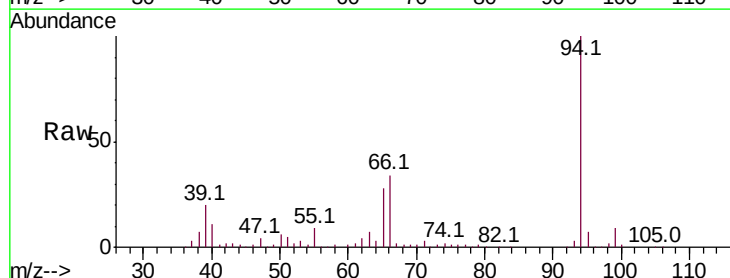
Tgt Ion: 94 Resp: 233627

Ion Ratio Lower Upper

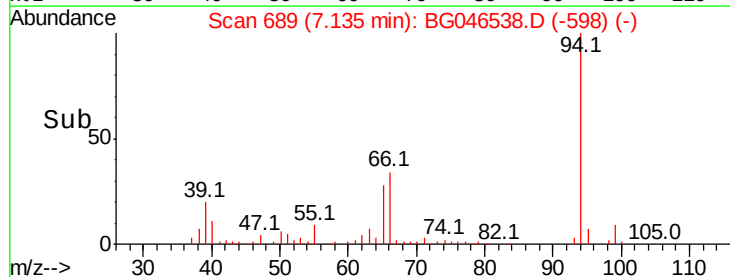
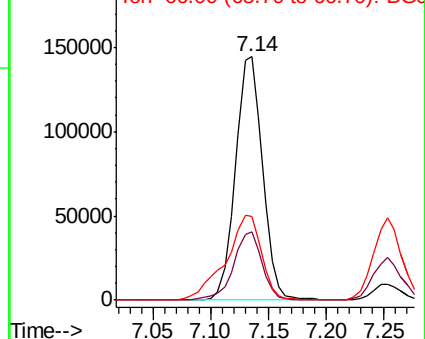
94 100

65 27.8 7.5 47.5

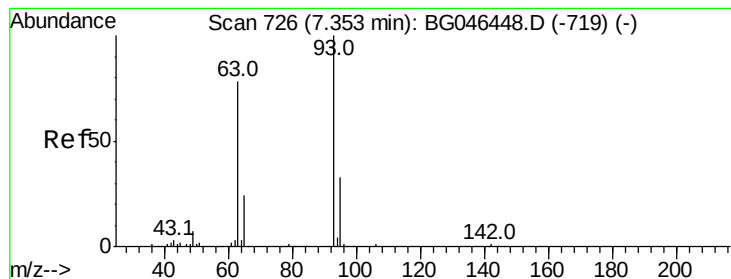
66 34.3 14.1 54.1



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







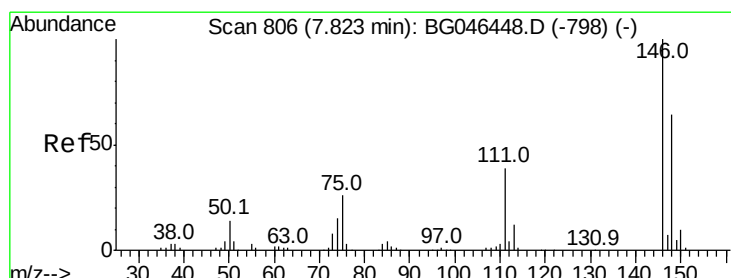
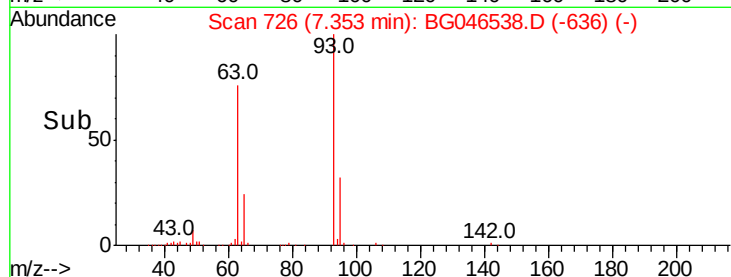
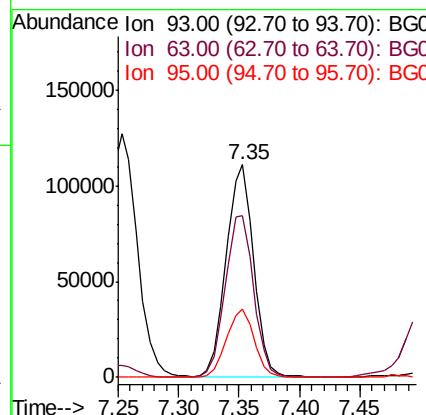
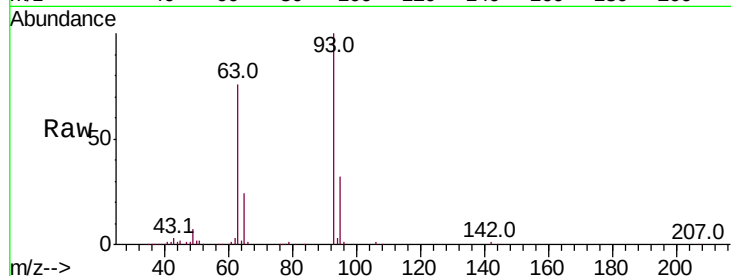
#11  
bis(2-Chloroethyl)ether  
Concen: 39.768 ng  
RT: 7.35 min Scan# 726  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | 93    | Resp  | 175444 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 93      | 100   |       |        |
| 63      | 76.2  | 57.7  | 97.7   |
| 95      | 31.9  | 12.3  | 52.3   |

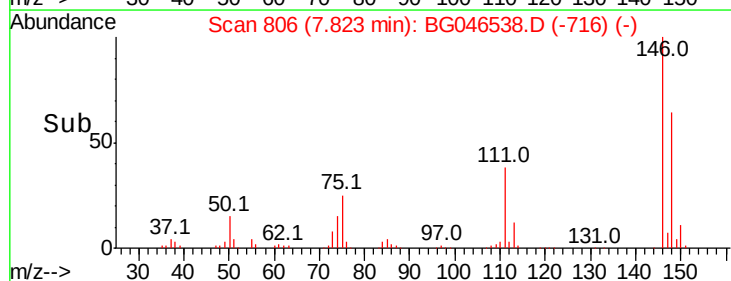
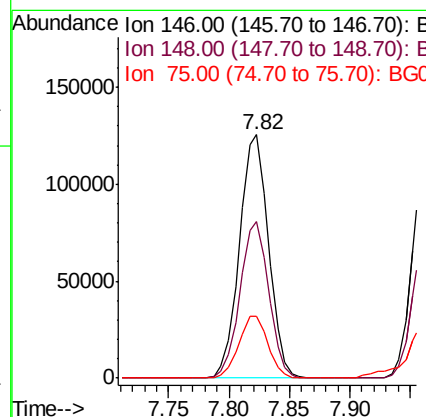
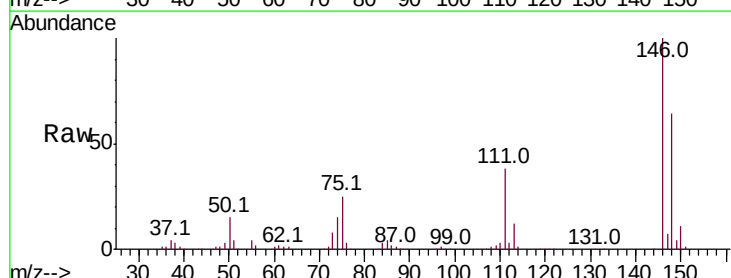
Manual Integrations  
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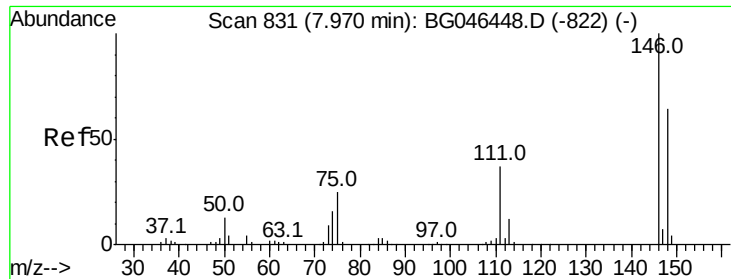
mohammad  
9/8/2020 1:45:10 PM



#12  
1,3-Dichlorobenzene  
Concen: 37.352 ng  
RT: 7.82 min Scan# 806  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | 146   | Resp  | 210686 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 146     | 100   |       |        |
| 148     | 64.1  | 51.4  | 77.0   |
| 75      | 25.3  | 20.7  | 31.1   |





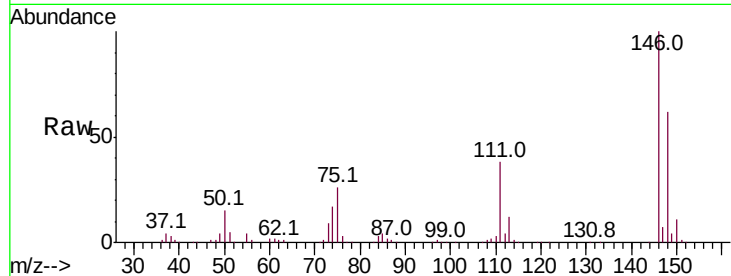
#13  
 1,4-Dichlorobenzene  
 Concen: 37.923 ng  
 RT: 7.96 min Scan# 830  
 Delta R.T. -0.01 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.9  | 50.9  | 76.3  |
| 111     | 37.9  | 29.8  | 44.6  |

Manual Integrations  
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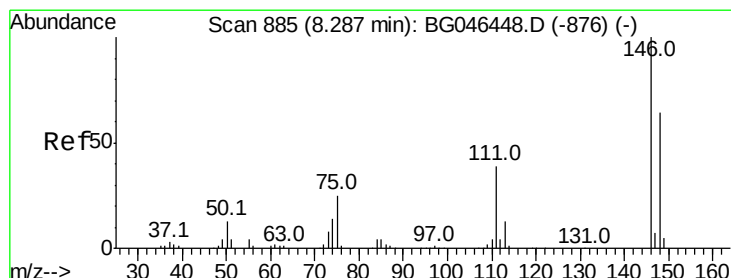
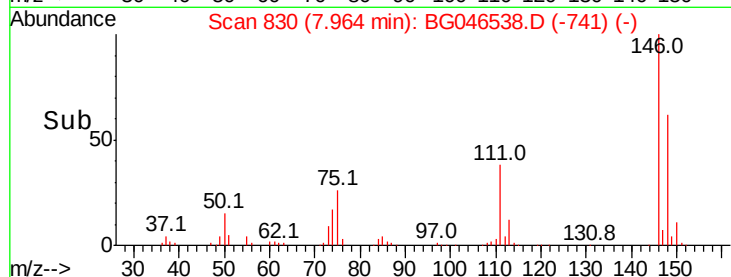
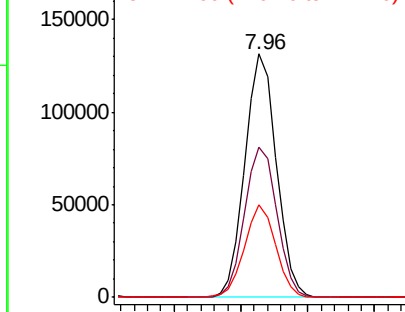


Abundance

Ion 146.00 (145.70 to 146.70): E

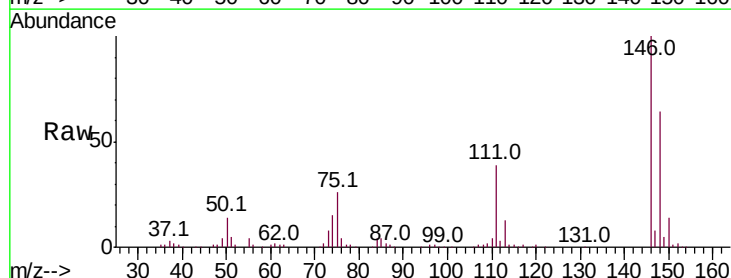
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 36.779 ng  
 RT: 8.29 min Scan# 885  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.4  | 77.0  |
| 111     | 38.9  | 31.4  | 47.2  |

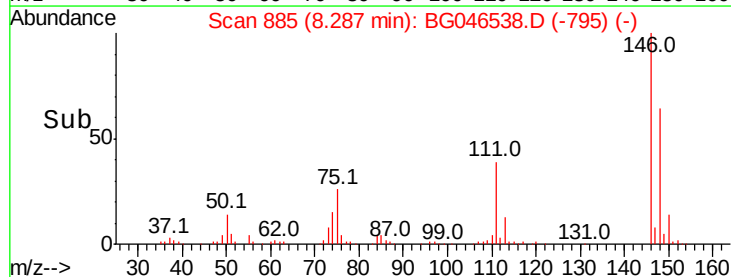
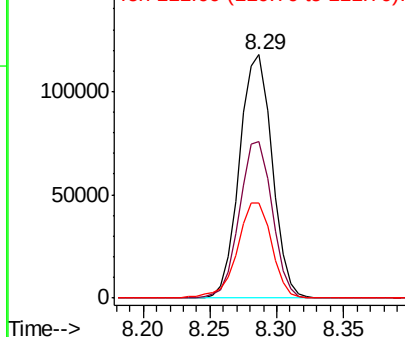


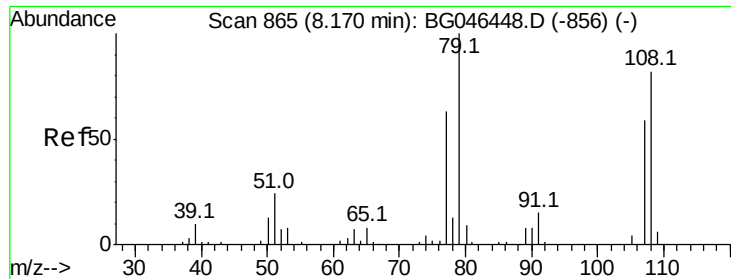
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





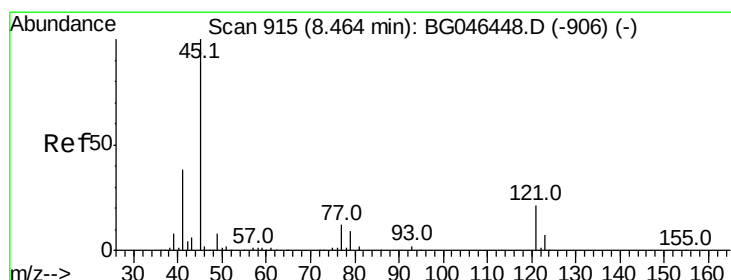
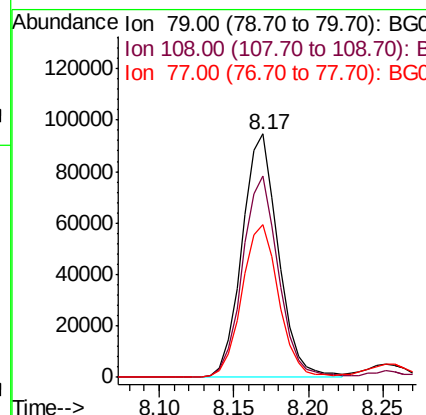
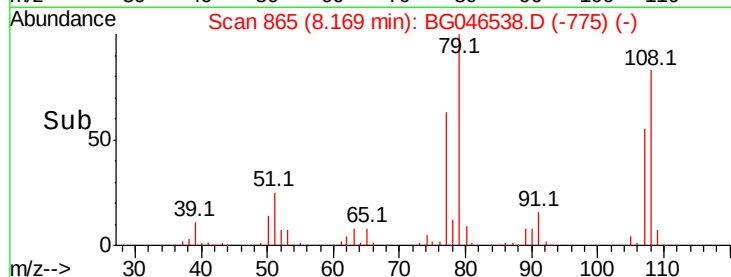
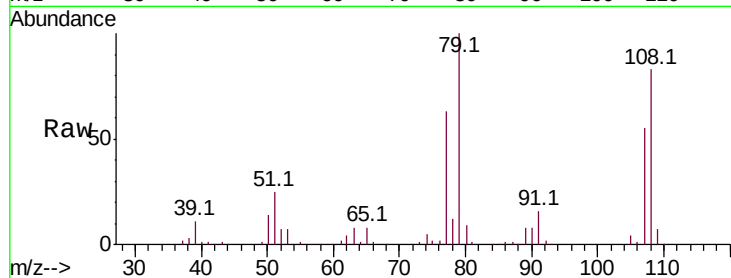
#15  
Benzyl Alcohol  
Concen: 41.518 ng  
RT: 8.17 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 108     | 82.6  | 65.7 | 98.5  |       |
| 77      | 62.8  | 50.3 | 75.5  |       |

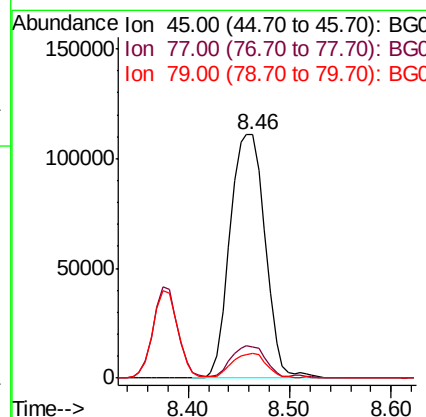
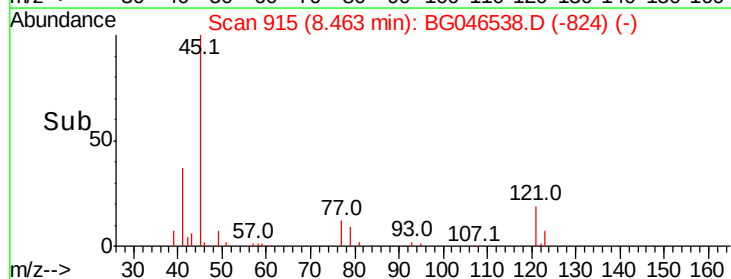
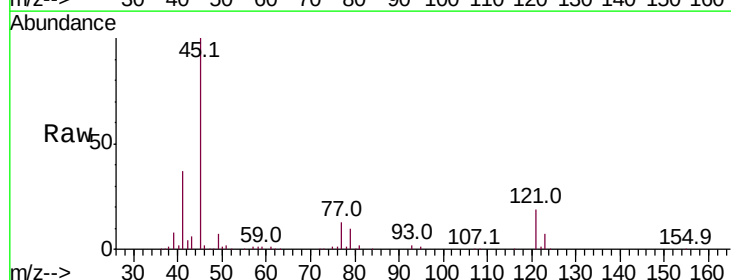
Manual Integrations  
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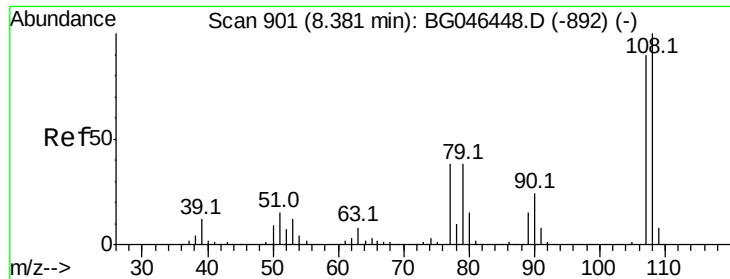
mohammad  
9/8/2020 1:45:10 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.029 ng  
RT: 8.46 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 45      | 100   |      |       |       |
| 77      | 13.0  | 0.0  | 33.2  |       |
| 79      | 10.1  | 0.0  | 30.3  |       |





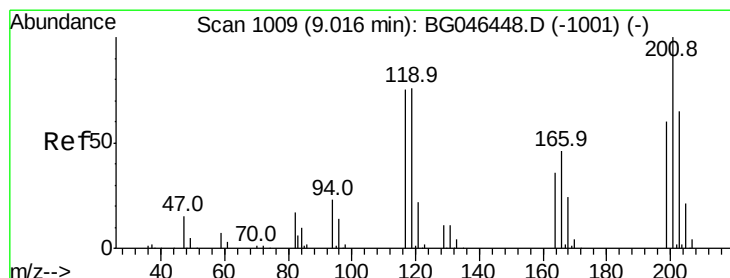
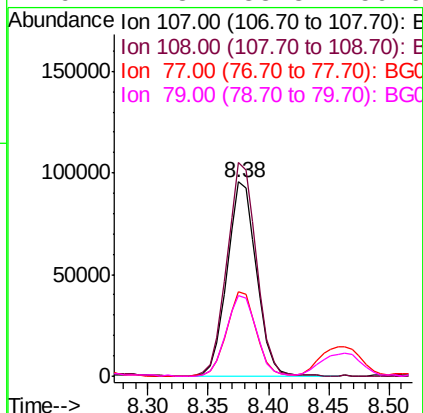
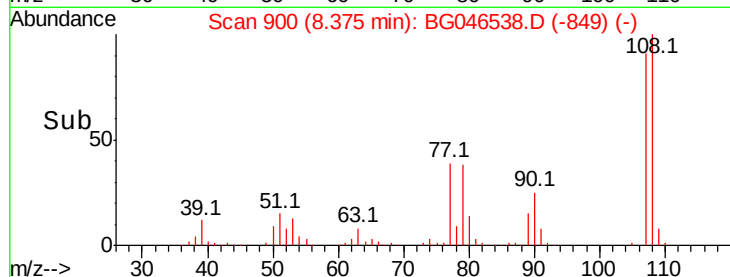
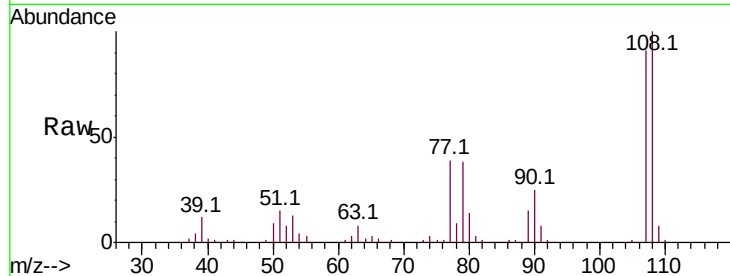
#17  
2-Methylphenol  
Concen: 41.592 ng  
RT: 8.38 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 161893 |       |       |
| 108     | 110.0 | 89.4   | 134.0 |       |
| 77      | 43.4  | 34.5   | 51.7  |       |
| 79      | 41.8  | 33.8   | 50.6  |       |

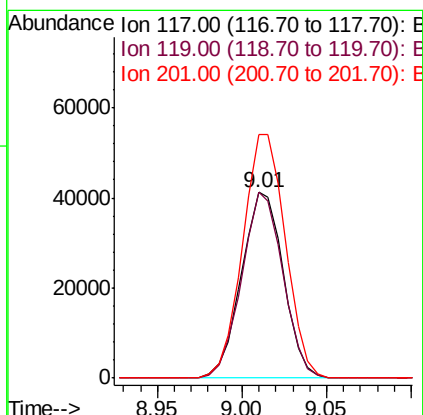
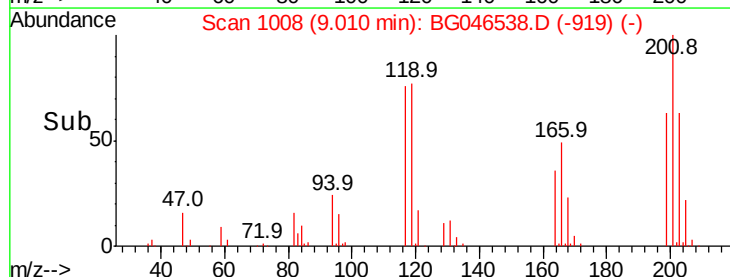
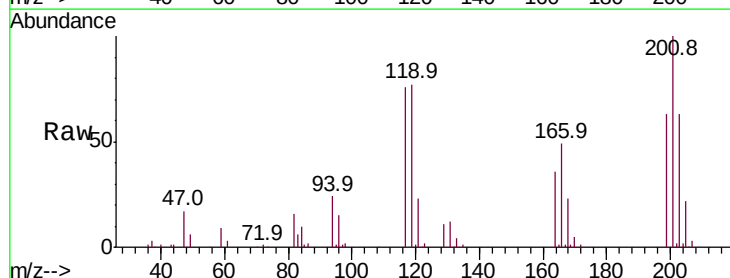
Manual Integrations  
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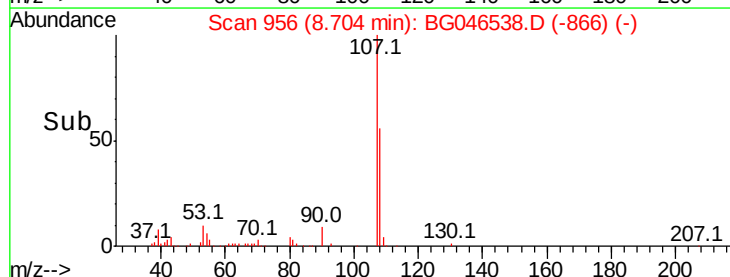
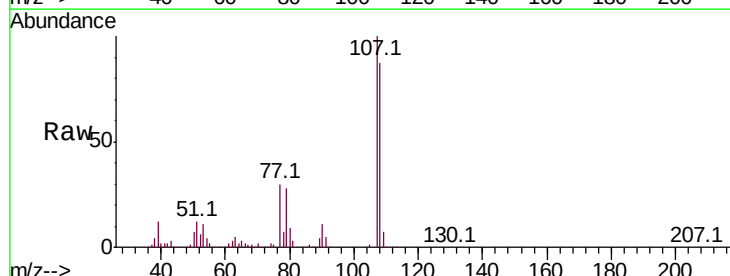
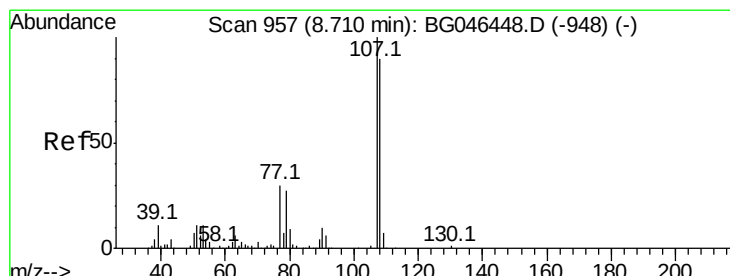
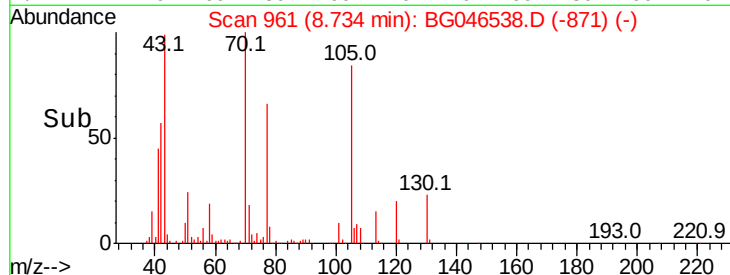
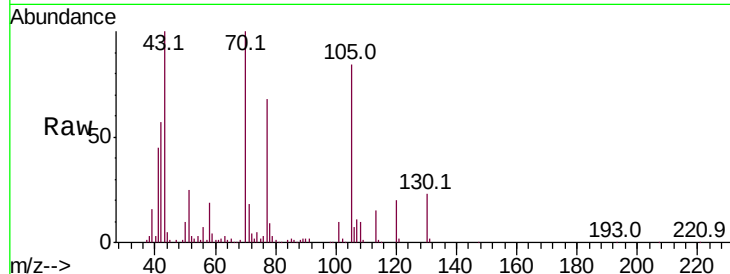
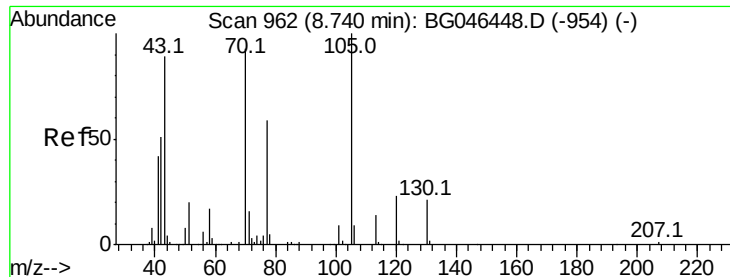
mohammad  
9/8/2020 1:45:10 PM



#18  
Hexachloroethane  
Concen: 37.152 ng  
RT: 9.01 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

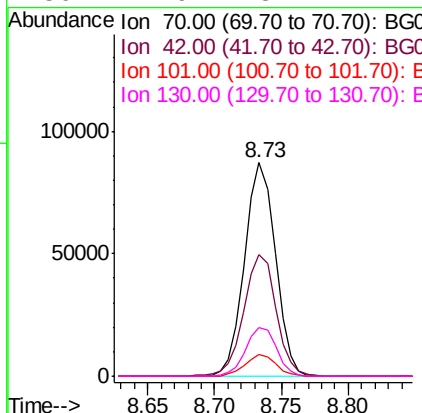
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 71134 |       |       |
| 119     | 100.5 | 80.8  | 121.2 |       |
| 201     | 131.2 | 106.7 | 160.1 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 39.155 ng  
RT: 8.73 min Scan# 961  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 139564 |       |       |
| 42      | 56.7 | 44.2  | 66.2   |       |       |
| 101     | 10.1 | 7.8   | 11.8   |       |       |
| 130     | 22.9 | 18.2  | 27.4   |       |       |



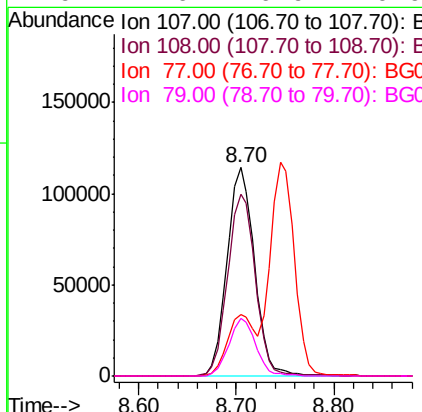
Instrument :  
BNA\_G  
ClientSampled :  
PB131426BS

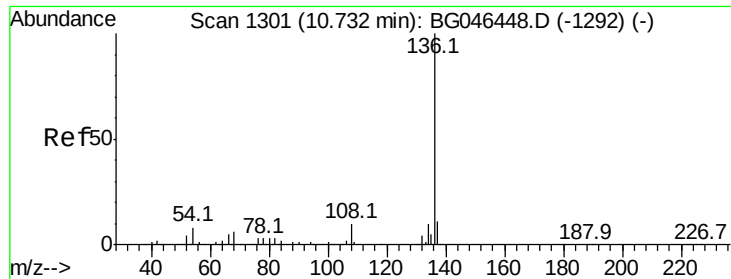
Manual Integrations  
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9/8/2020 1:45:10 PM

#20  
3+4-Methylphenols  
Concen: 41.431 ng  
RT: 8.70 min Scan# 956  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 222587 |       |       |
| 108     | 87.4 | 69.7  | 109.7  |       |       |
| 77      | 29.7 | 9.7   | 49.7   |       |       |
| 79      | 27.6 | 6.9   | 46.9   |       |       |





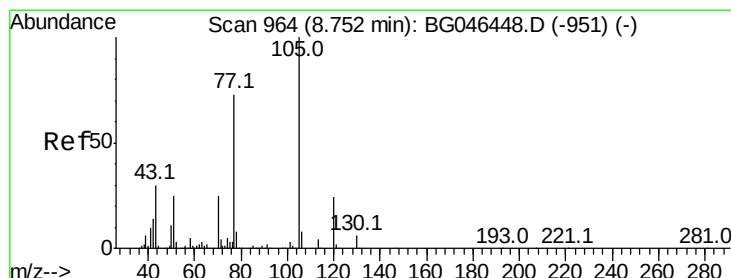
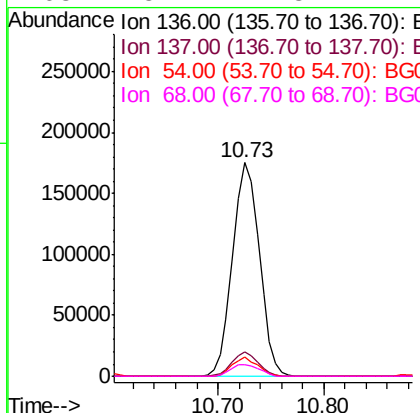
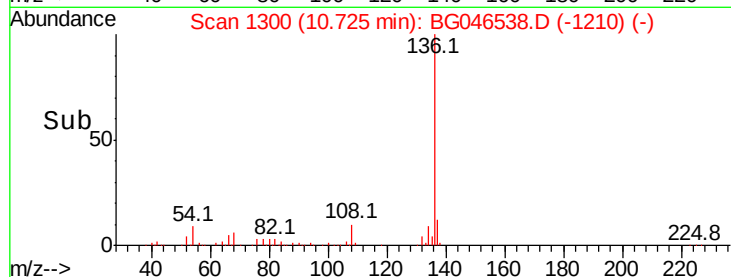
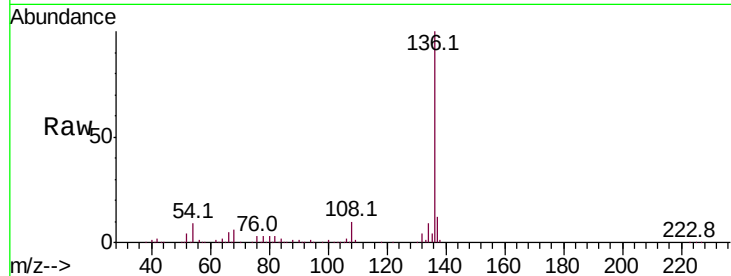
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.73 min Scan# 1300  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 307498 |       |       |
| 137     | 11.7  |        | 8.8   | 13.2  |
| 54      | 8.8   |        | 6.1   | 9.1   |
| 68      | 5.7   |        | 4.8   | 7.2   |

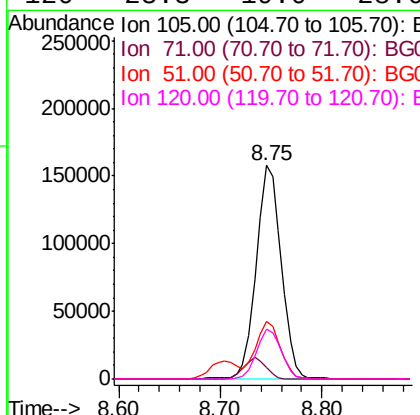
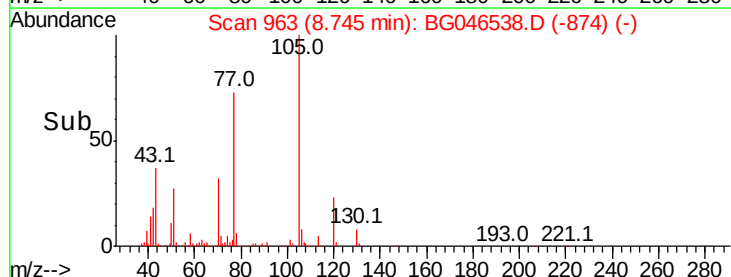
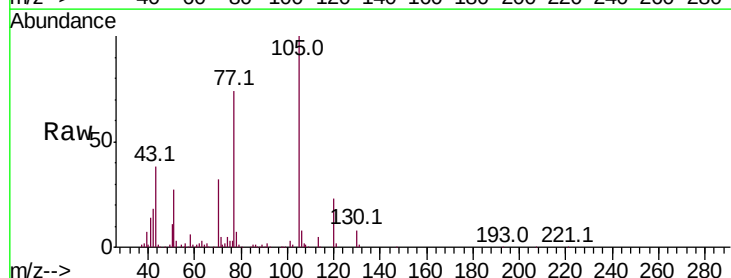
Manual Integrations  
APPROVED

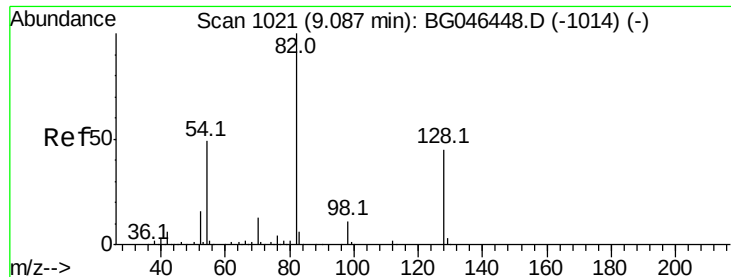
mohammad  
9/8/2020 1:45:10 PM



#22  
Acetophenone  
Concen: 36.131 ng  
RT: 8.75 min Scan# 963  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 270446 |       |       |
| 71      | 5.3   |        | 3.3   | 4.9#  |
| 51      | 26.8  |        | 20.6  | 31.0  |
| 120     | 23.3  |        | 19.0  | 28.6  |





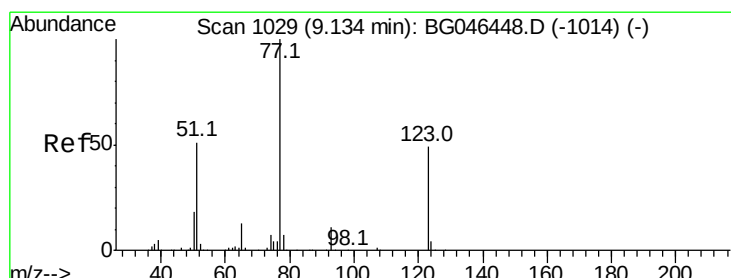
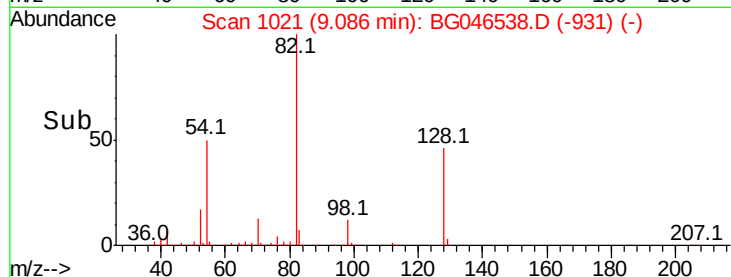
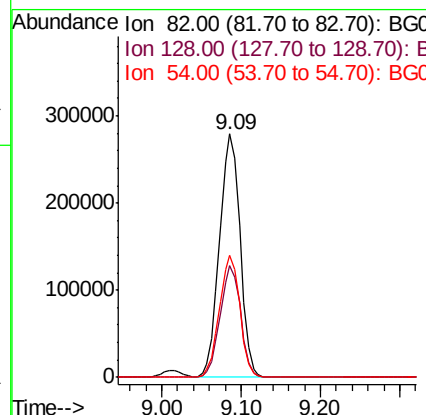
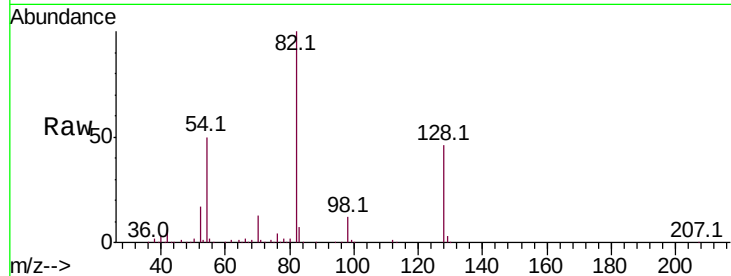
#23  
Nitrobenzene-d5  
Concen: 93.687 ng  
RT: 9.09 min Scan# 1021  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 45.8  | 35.7 | 53.5  |       |
| 54      | 50.0  | 39.4 | 59.0  |       |

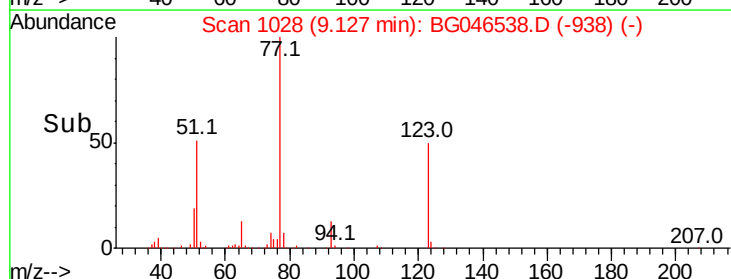
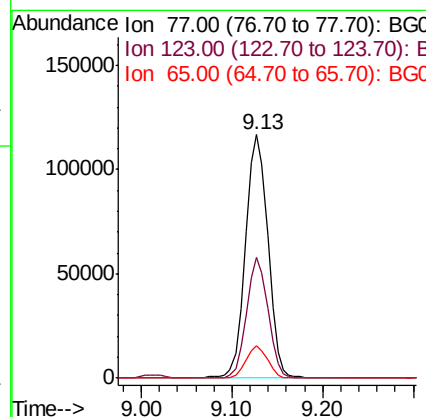
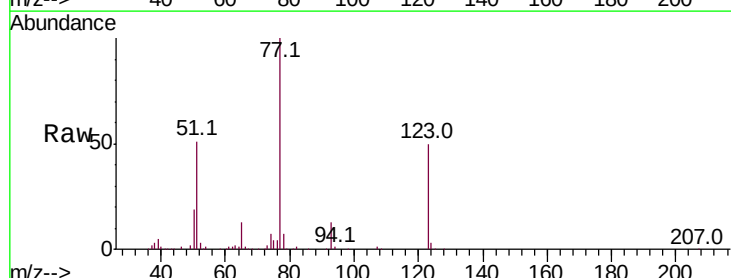
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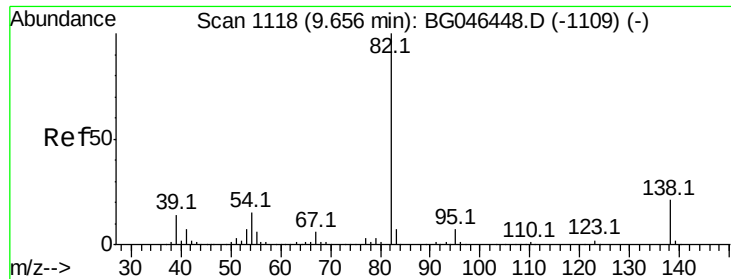


#24  
Nitrobenzene  
Concen: 37.936 ng  
RT: 9.13 min Scan# 1028  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 49.7  | 39.6 | 59.4  |       |
| 65      | 13.4  | 10.1 | 15.1  |       |







#25

Isophorone

Concen: 38.542 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA\_G

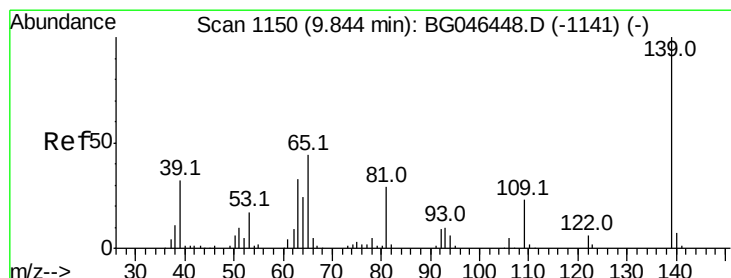
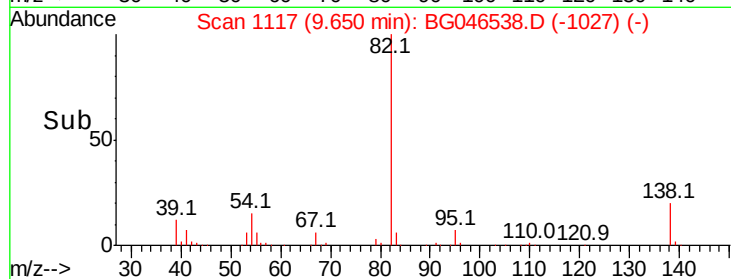
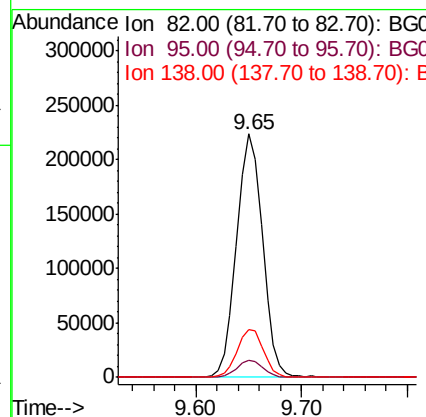
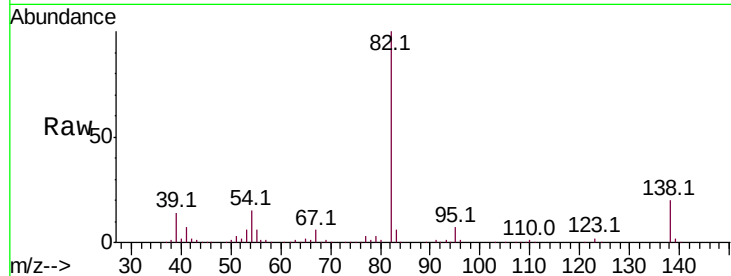
ClientSampleId :

PB131426BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 380165 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.1   | 5.8   | 8.6    |
| 138       | 19.7  | 16.4  | 24.6   |

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#26

2-Nitrophenol

Concen: 39.334 ng

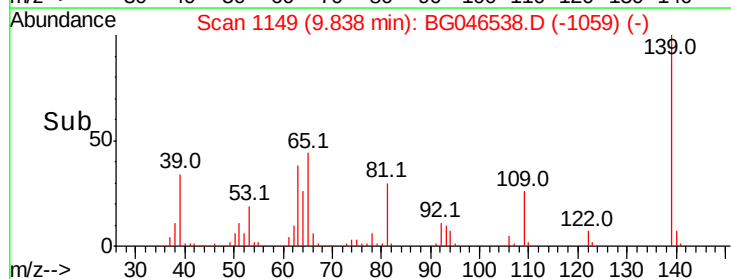
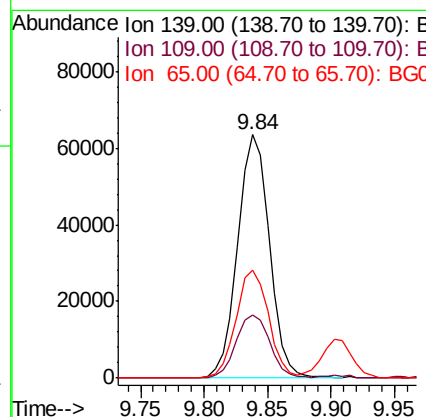
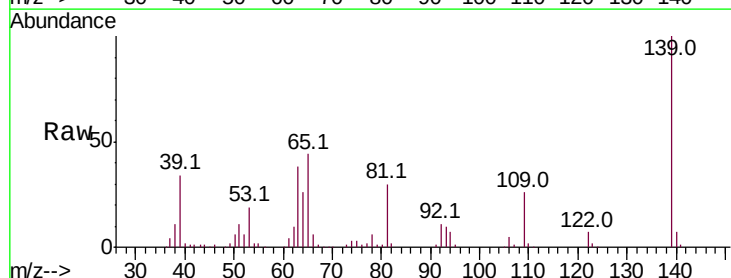
RT: 9.84 min Scan# 1149

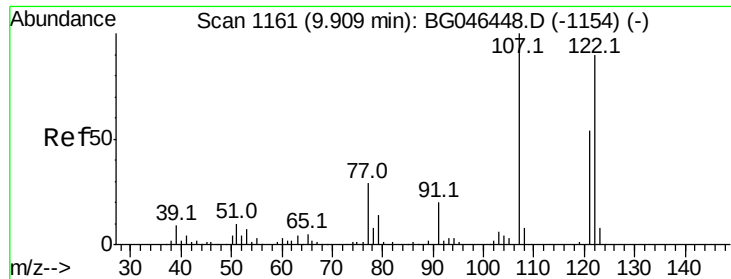
Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 110305 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 25.9  | 18.8  | 28.2   |
| 65        | 44.2  | 35.0  | 52.6   |





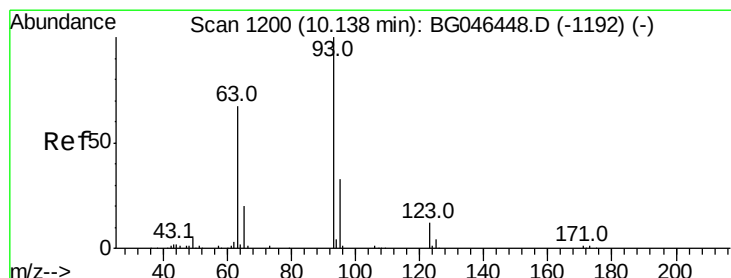
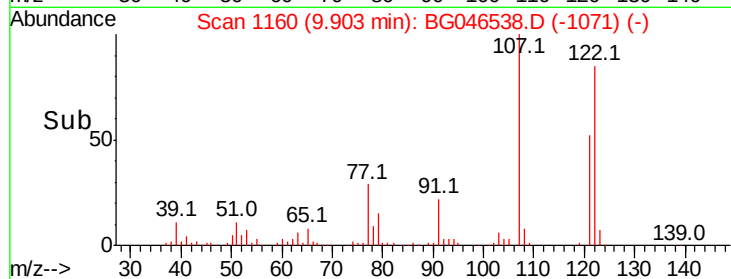
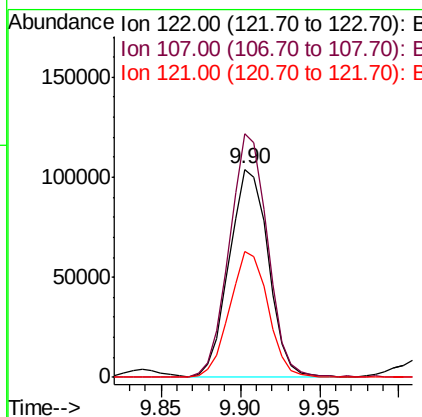
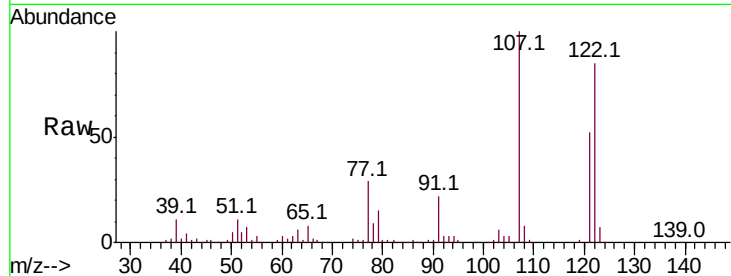
#27  
2,4-Dimethylphenol  
Concen: 45.846 ng  
RT: 9.90 min Scan# 1160  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.1 | 88.2  | 132.2 |
| 121     | 60.5  | 47.4  | 71.0  |

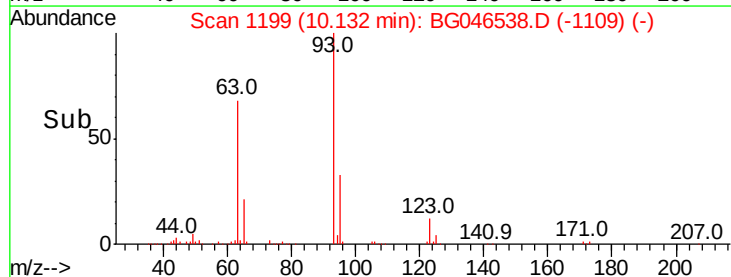
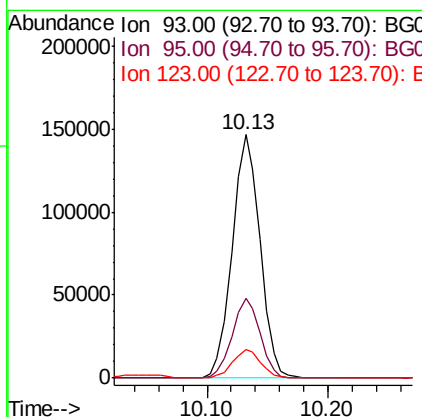
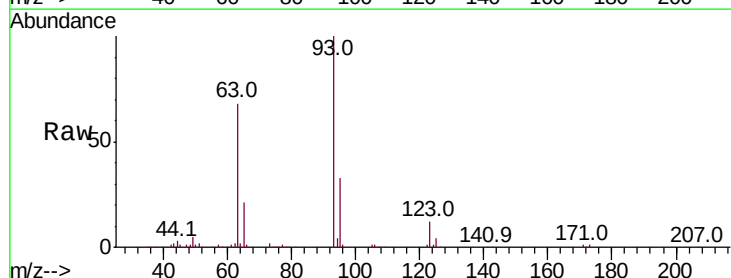
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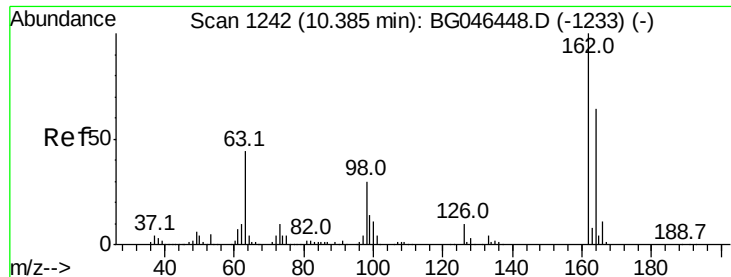
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 37.009 ng  
RT: 10.13 min Scan# 1199  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.7  | 26.1  | 39.1  |
| 123     | 11.9  | 9.5   | 14.3  |





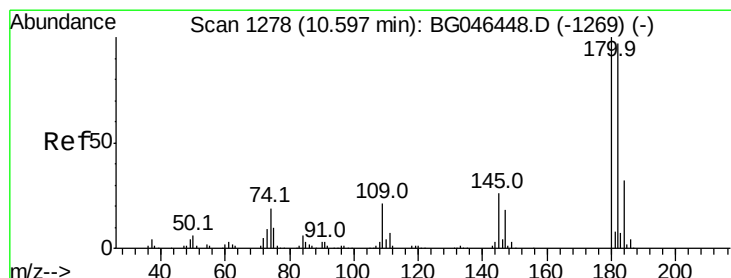
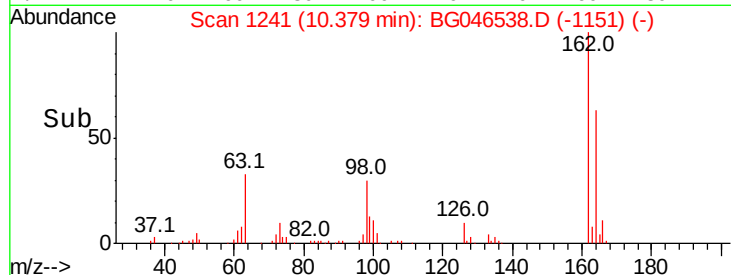
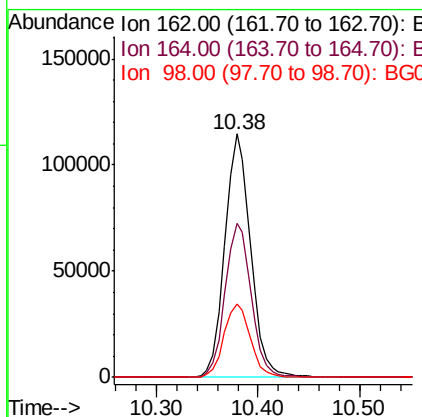
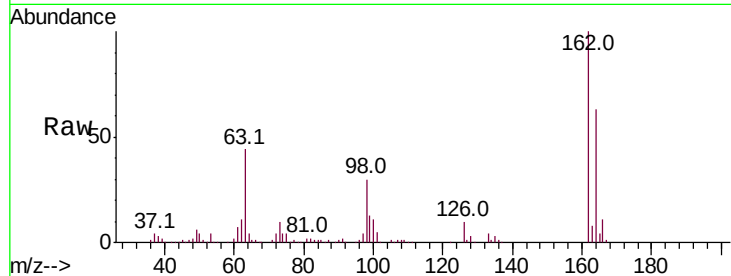
#29  
2,4-Dichlorophenol  
Concen: 39.358 ng  
RT: 10.38 min Scan# 1241  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 63.1  | 44.3       | 84.3  |
| 98      | 30.2  | 10.0       | 50.0  |

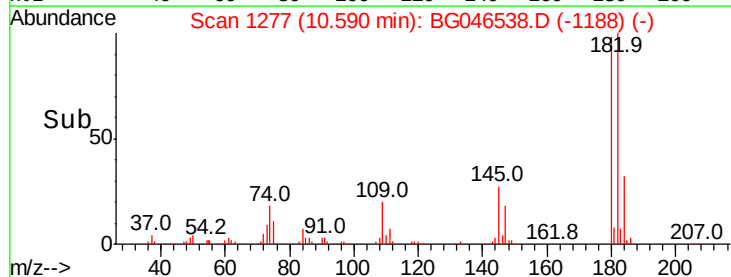
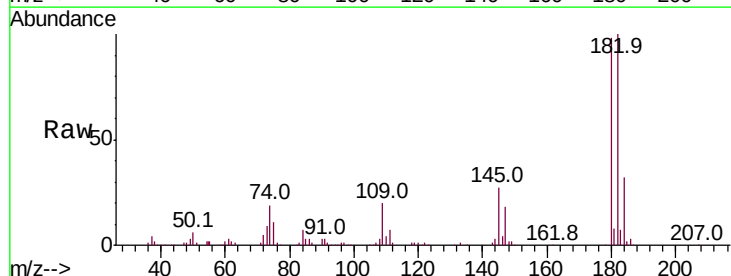
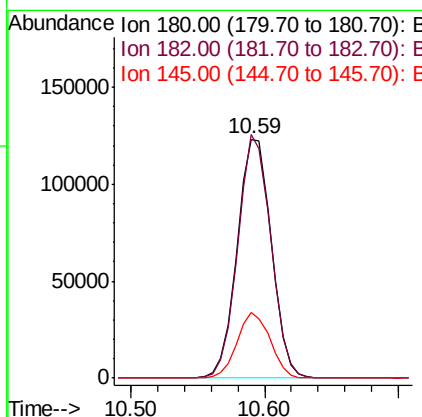
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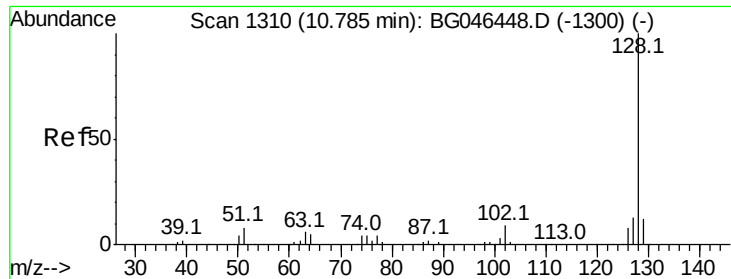
mohammad  
9/8/2020 1:45:10 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 35.715 ng  
RT: 10.59 min Scan# 1277  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 101.9 | 77.8       | 116.8 |
| 145     | 27.4  | 20.9       | 31.3  |





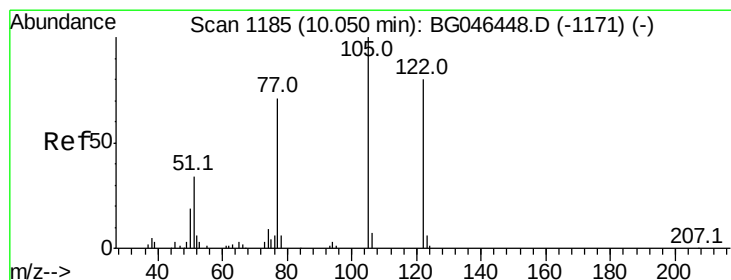
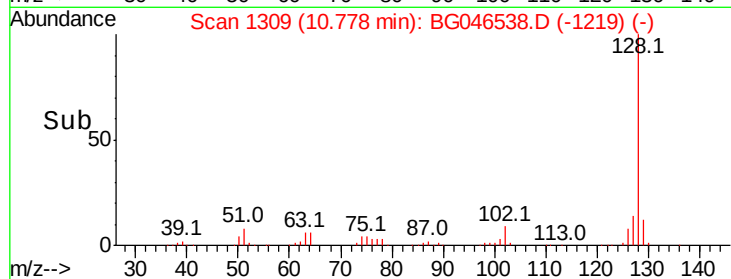
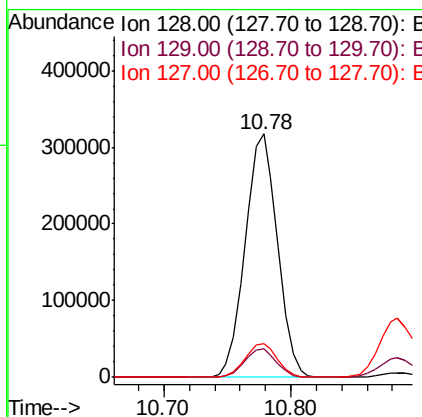
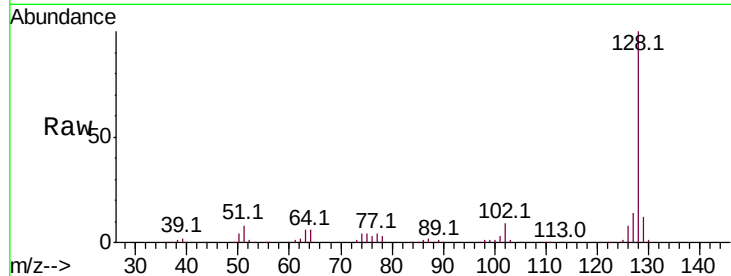
#31  
Naphthalene  
Concen: 37.346 ng  
RT: 10.78 min Scan# 1309  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 560713 |       |       |
| 129     | 11.7  | 9.2    | 13.8  |       |
| 127     | 14.0  | 10.7   | 16.1  |       |

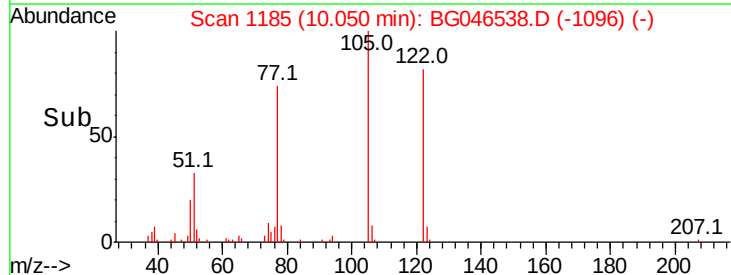
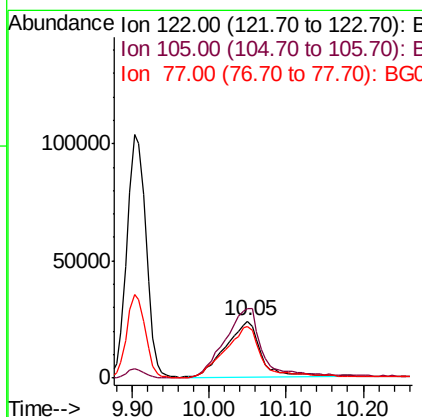
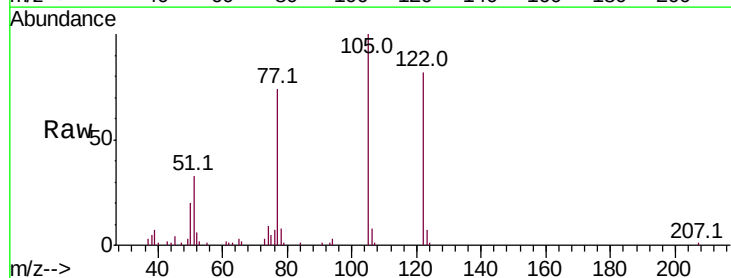
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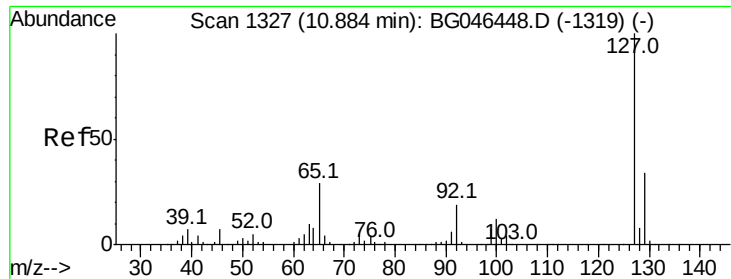
mohammad  
9/8/2020 1:45:10 PM



#32  
Benzoic acid  
Concen: 31.305 ng  
RT: 10.05 min Scan# 1185  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 77010 |       |       |
| 105     | 121.7 | 102.5 | 142.5 |       |
| 77      | 90.0  | 68.2  | 108.2 |       |





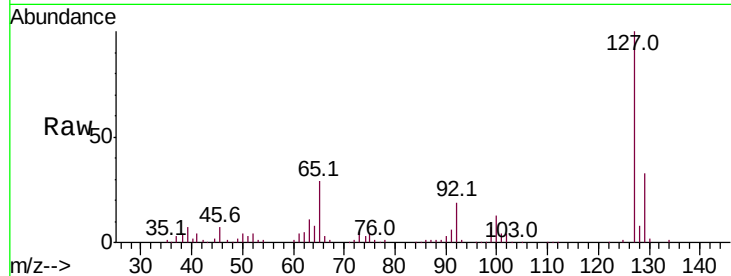
#33  
4-Chloroaniline  
Concen: 23.405 ng  
RT: 10.88 min Scan# 1327  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampled :  
PB131426BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.7  | 27.0 | 40.4  |       |
| 65      | 29.5  | 23.5 | 35.3  |       |
| 92      | 18.8  | 14.9 | 22.3  |       |

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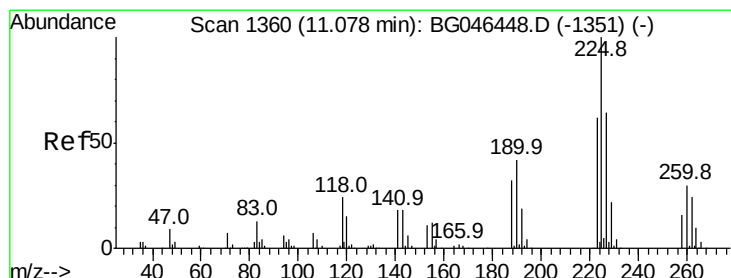
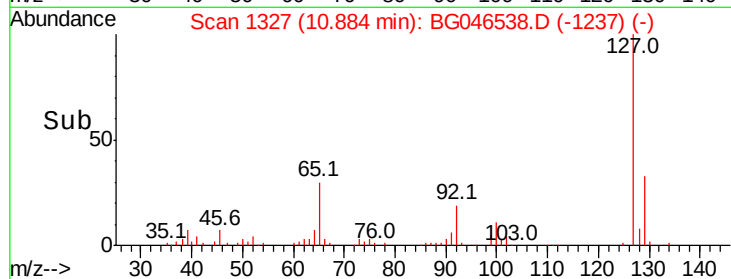
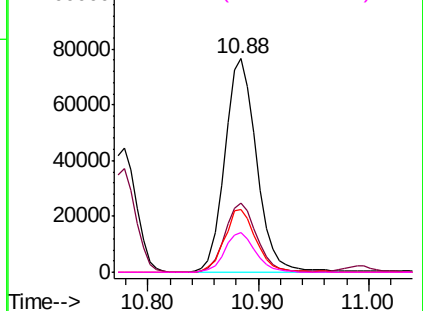
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

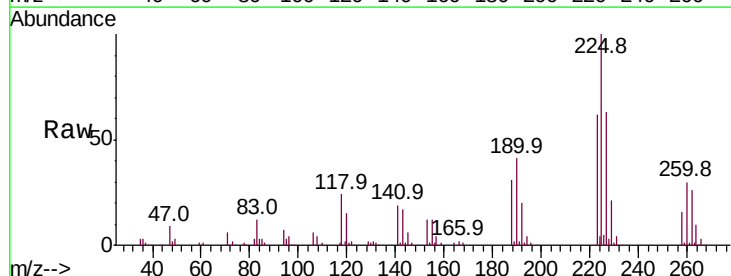
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 35.800 ng  
RT: 11.07 min Scan# 1359  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 61.8  | 49.9 | 74.9  |       |
| 227     | 63.4  | 51.6 | 77.4  |       |

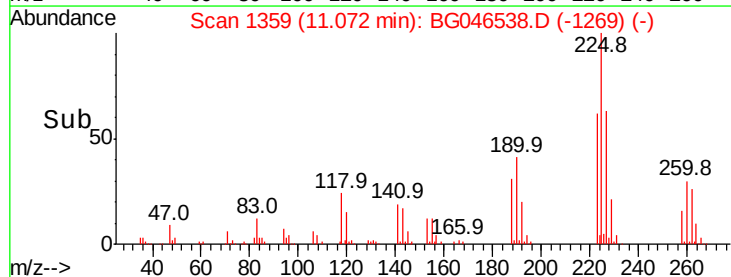
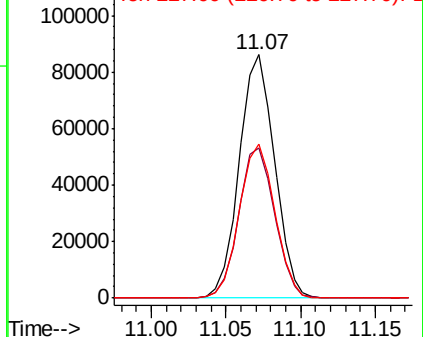


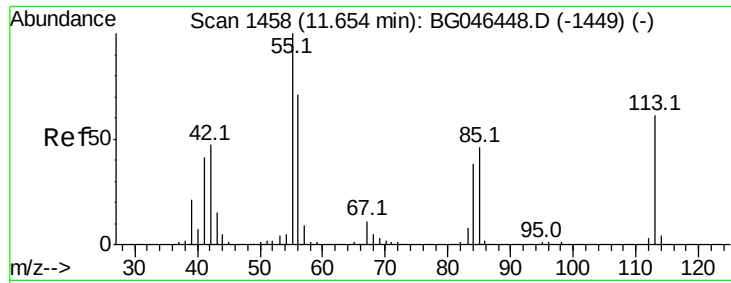
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





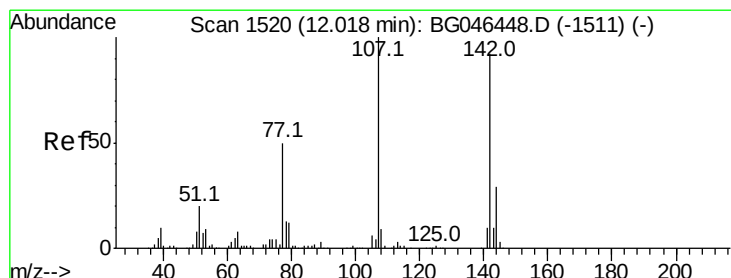
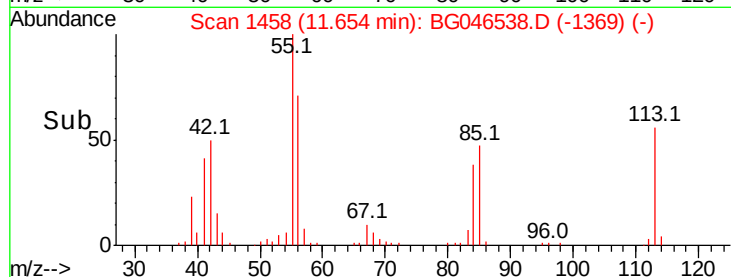
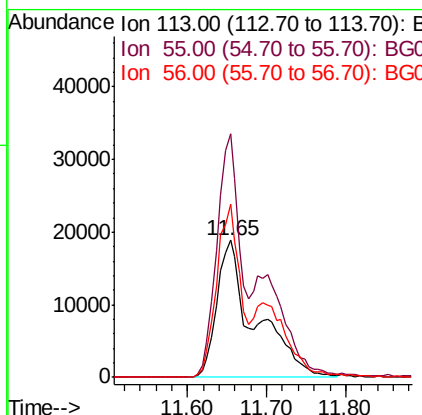
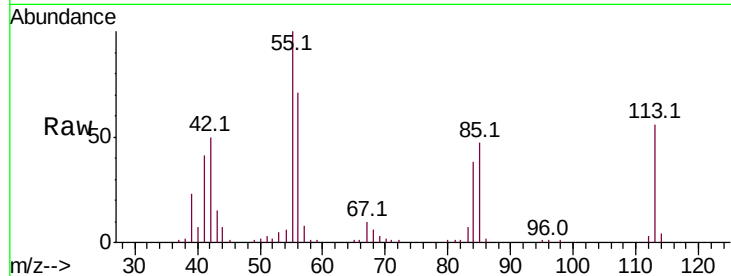
#35  
 Caprolactam  
 Concen: 32.804 ng/ml  
 RT: 11.65 min Scan# 1458  
 Delta R.T. -0.01 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 177.9 | 144.2 | 184.2 |
| 56      | 126.4 | 97.0  | 137.0 |

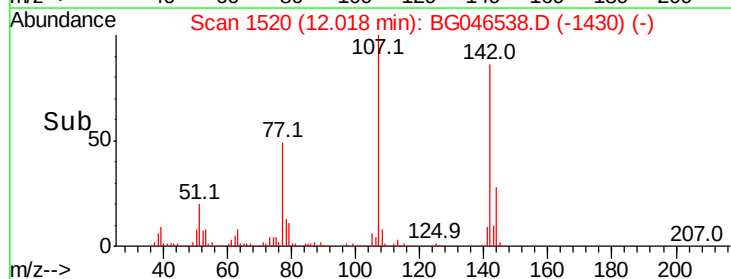
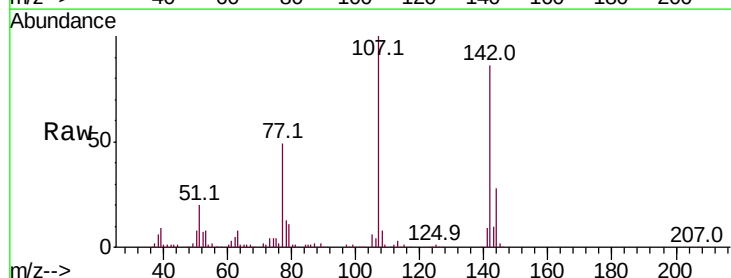
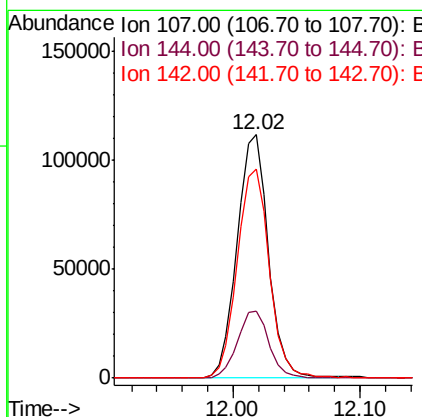
Manual Integrations  
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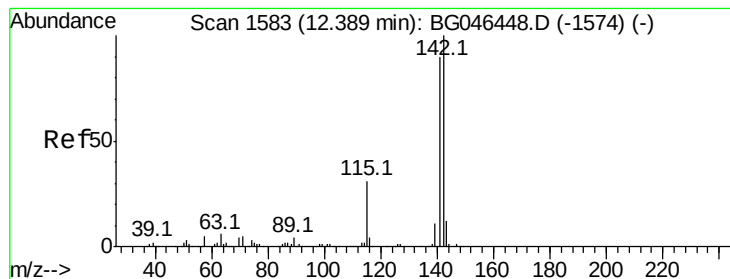
mohammad  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 38.004 ng/ml  
 RT: 12.02 min Scan# 1520  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.7  | 23.3  | 34.9  |
| 142     | 85.8  | 73.7  | 110.5 |





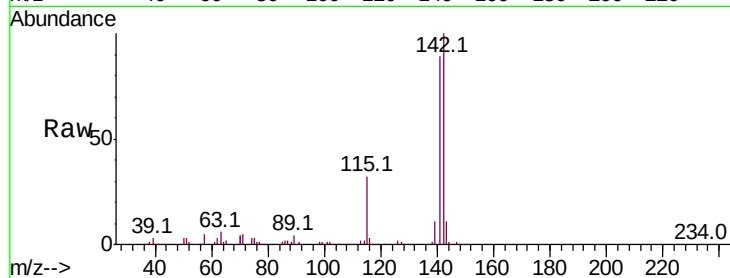
#37  
2-Methylnaphthalene  
Concen: 37.593 ng  
RT: 12.38 min Scan# 1582  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 72.1  | 108.1 |
| 115     | 31.9  | 24.9  | 37.3  |

Manual Integrations  
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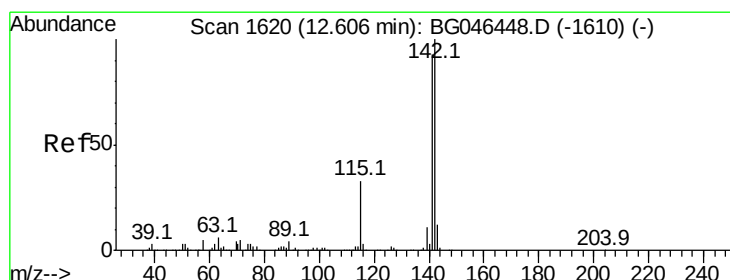
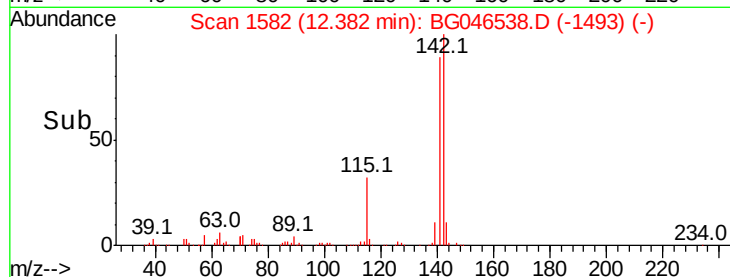
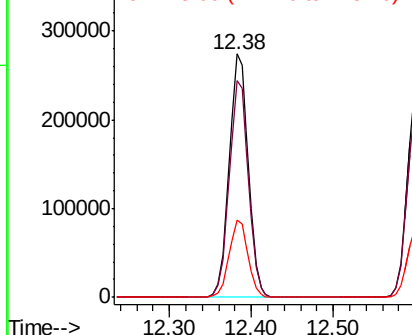


Abundance

Ion 142.00 (141.70 to 142.70): E

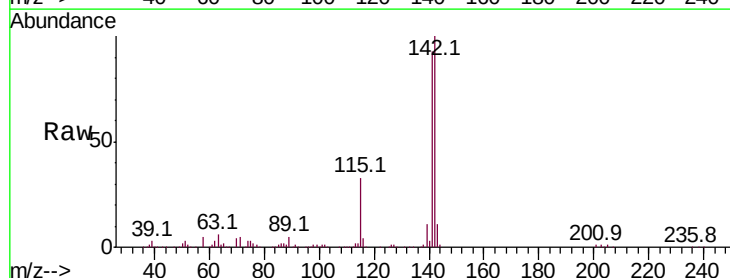
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 37.316 ng  
RT: 12.61 min Scan# 1620  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.5  | 74.7  | 112.1 |
| 116     | 3.5   | 2.6   | 4.0   |

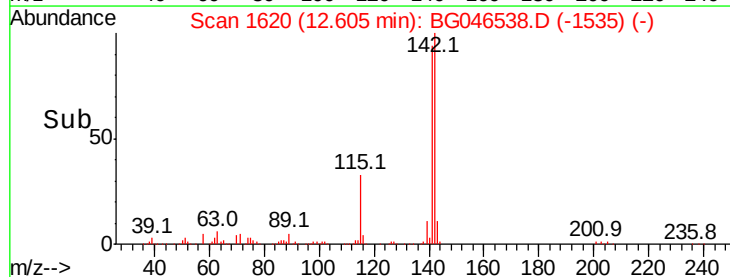
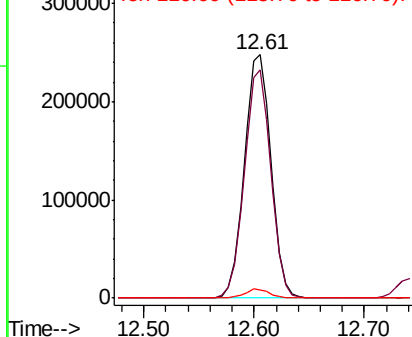


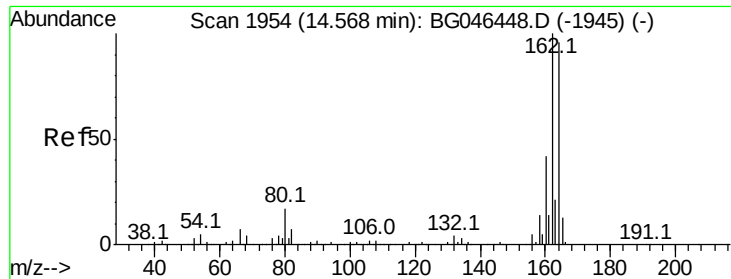
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





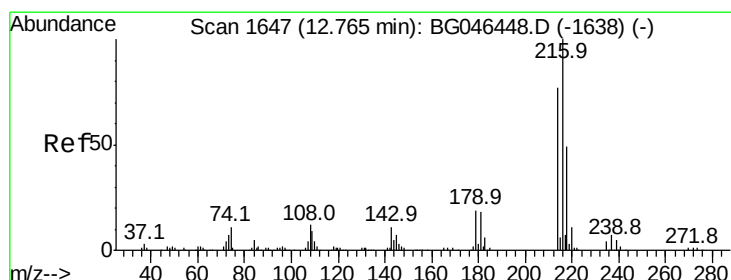
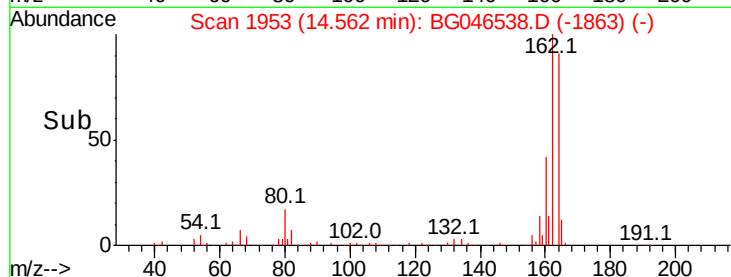
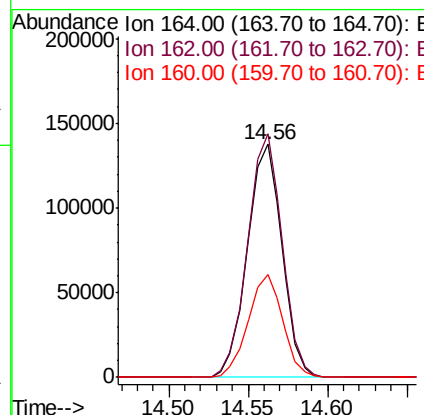
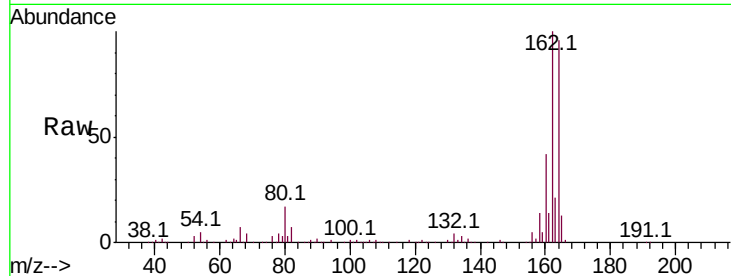
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.56 min Scan# 1953  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 208324 |       |       |
| 162     | 104.6 | 83.3   | 124.9 |       |
| 160     | 44.1  | 35.0   | 52.6  |       |

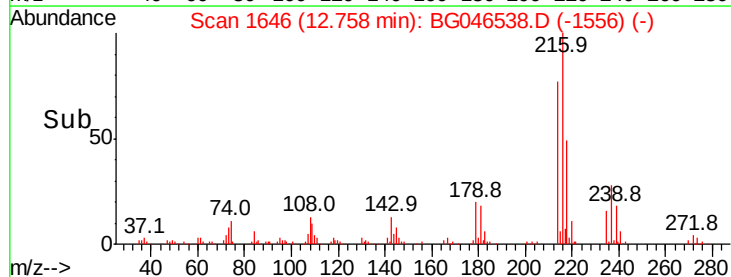
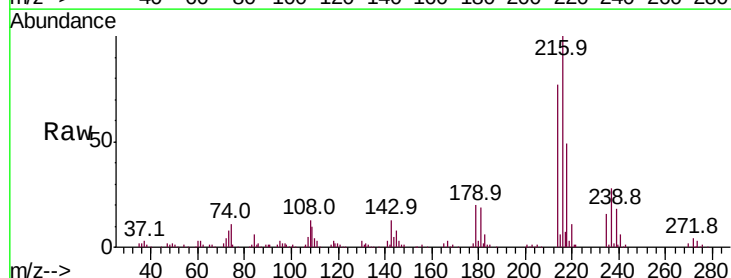
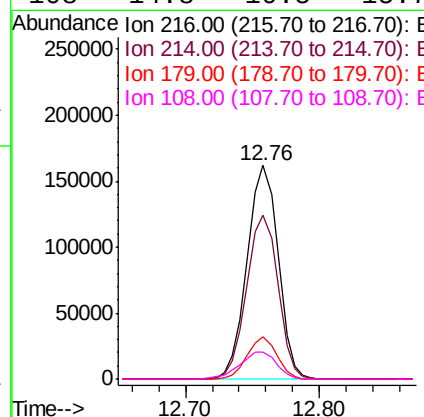
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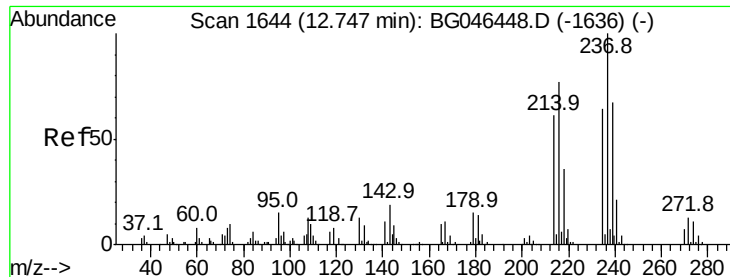


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.874 ng  
RT: 12.76 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 260185 |       |       |
| 214     | 77.5  | 62.1   | 93.1  |       |
| 179     | 18.8  | 14.9   | 22.3  |       |
| 108     | 14.8  | 10.5   | 15.7  |       |







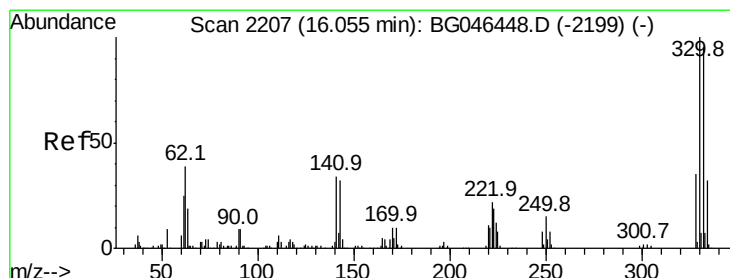
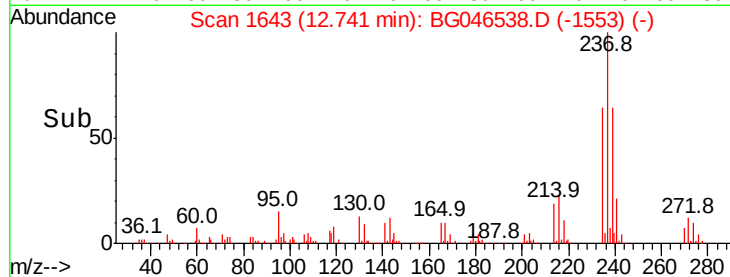
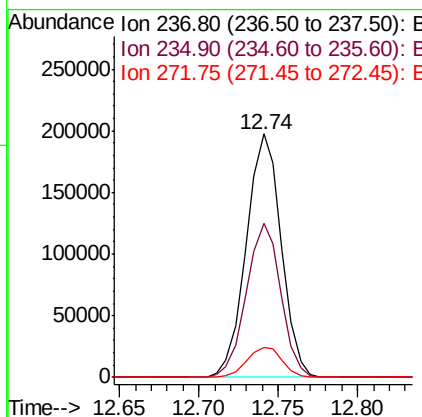
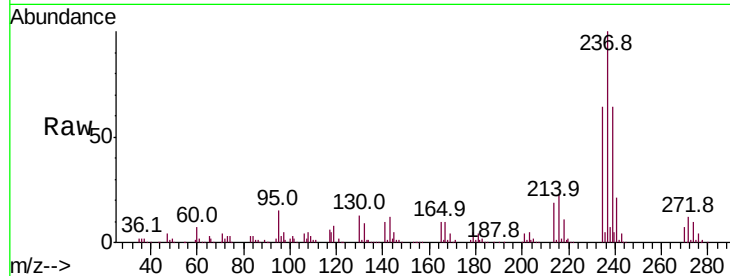
#41  
 Hexachlorocyclopentadiene  
 Concen: 101.051 ng  
 RT: 12.74 min Scan# 1643  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB131426BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 63.5  | 44.5       | 84.5  |
| 272     | 12.4  | 0.0        | 32.8  |

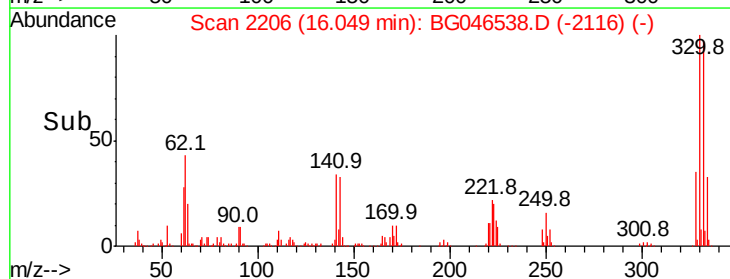
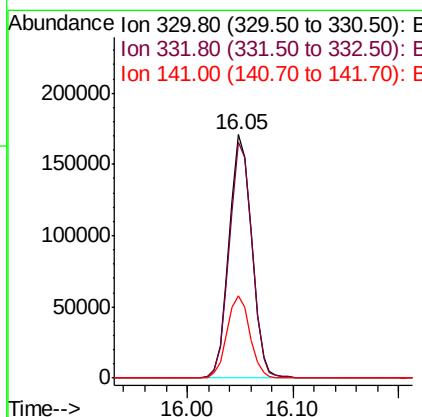
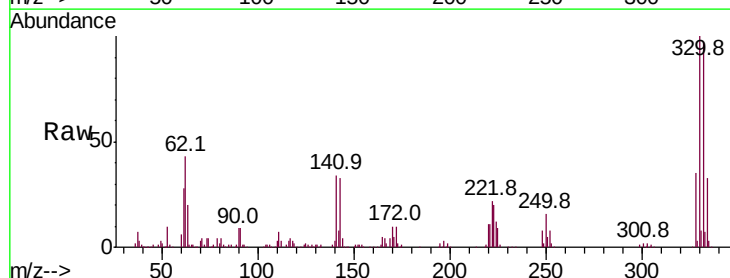
Manual Integrations  
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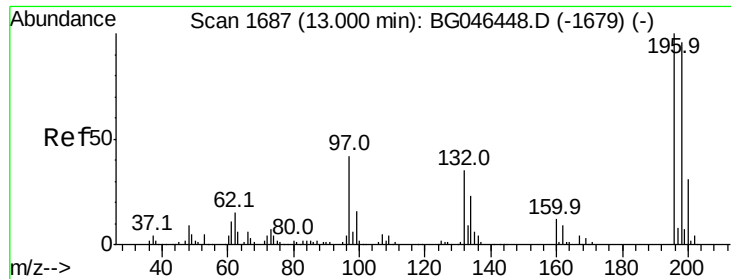
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#42  
 2,4,6-Tribromophenol  
 Concen: 89.496 ng  
 RT: 16.05 min Scan# 2206  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 97.3  | 76.1       | 114.1 |
| 141     | 34.1  | 26.1       | 39.1  |





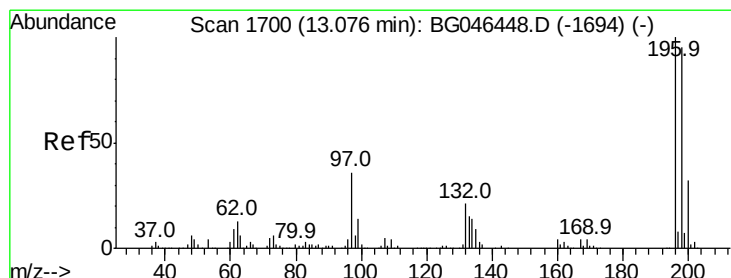
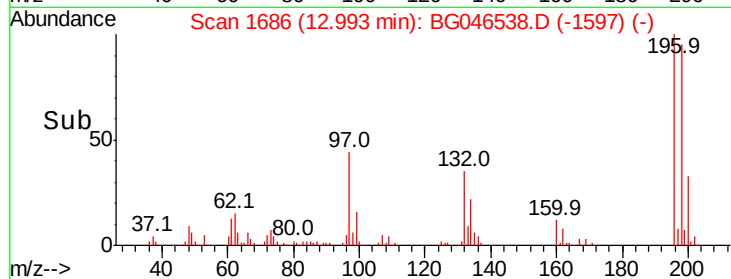
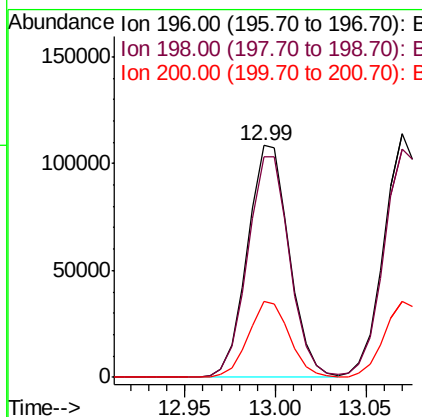
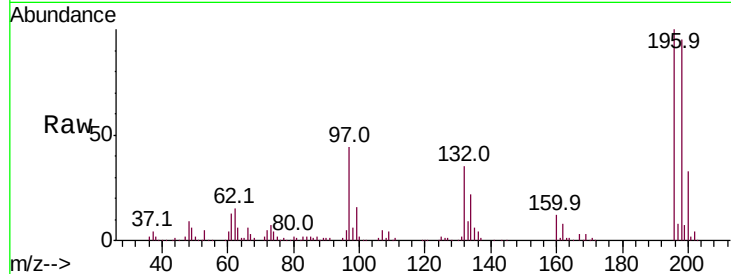
#43  
 2,4,6-Trichlorophenol  
 Concen: 37.805 ng  
 RT: 12.99 min Scan# 1686  
 Delta R.T. -0.01 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131426BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 175262 |       |       |
| 198     | 95.3  | 77.0   | 115.6 |       |
| 200     | 32.9  | 25.2   | 37.8  |       |

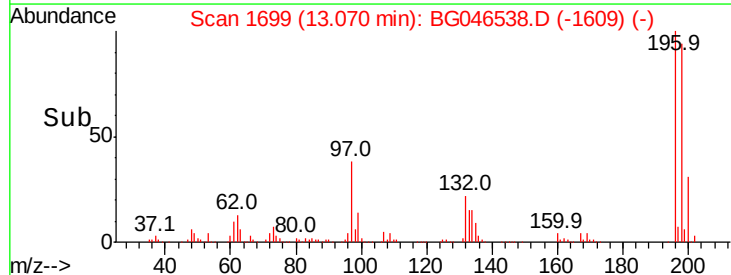
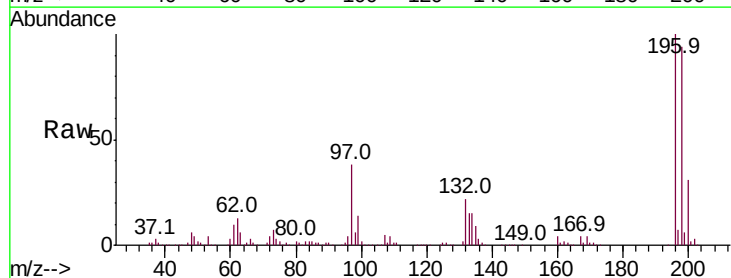
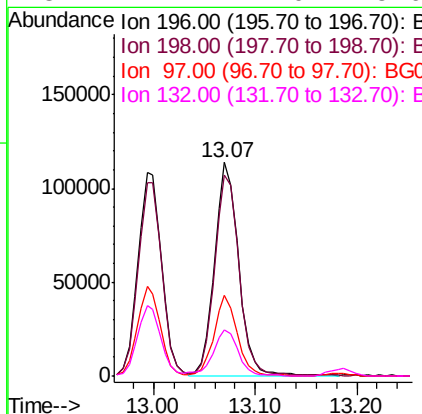
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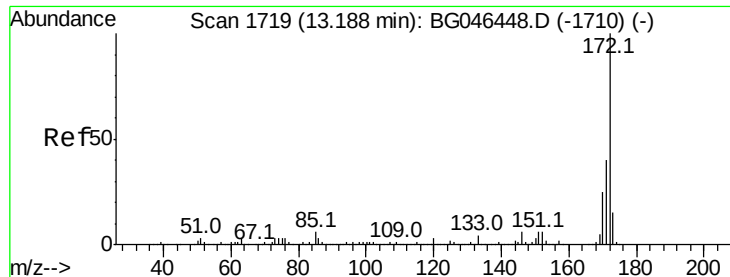
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#44  
 2,4,5-Trichlorophenol  
 Concen: 38.327 ng  
 RT: 13.07 min Scan# 1699  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 186683 |       |       |
| 198     | 93.8  | 75.6   | 113.4 |       |
| 97      | 37.8  | 28.6   | 43.0  |       |
| 132     | 21.7  | 17.0   | 25.6  |       |





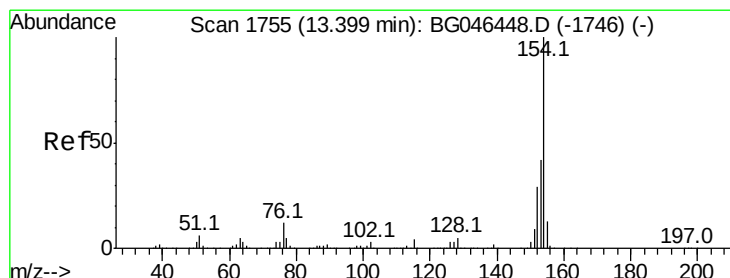
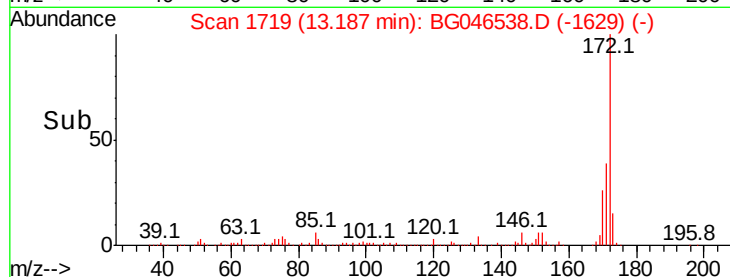
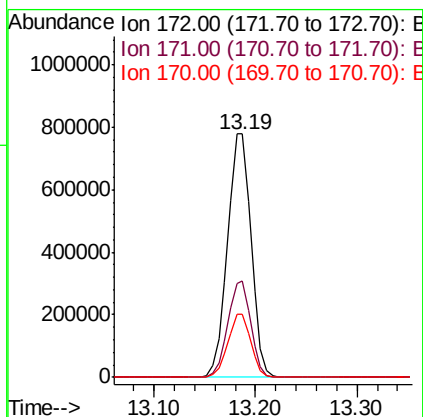
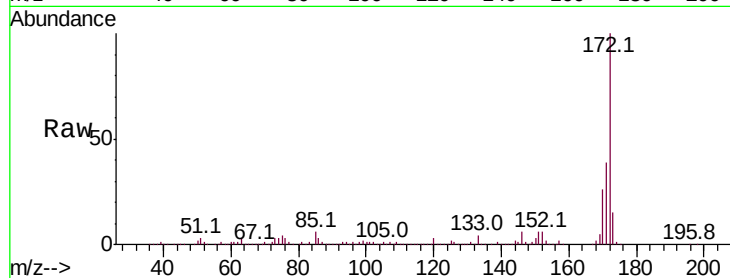
#45  
2-Fluorobiphenyl  
Concen: 91.976 ng  
RT: 13.19 min Scan# 1719  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampled :  
PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.4  | 31.8  | 47.6  |
| 170     | 26.0  | 20.3  | 30.5  |

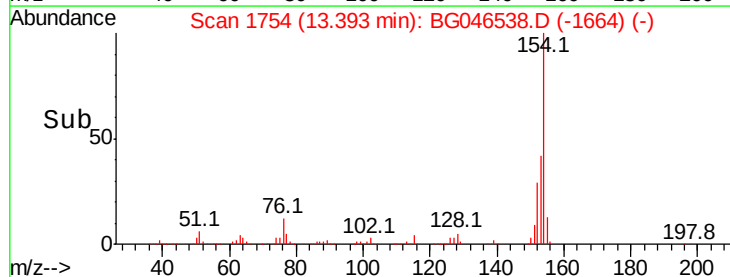
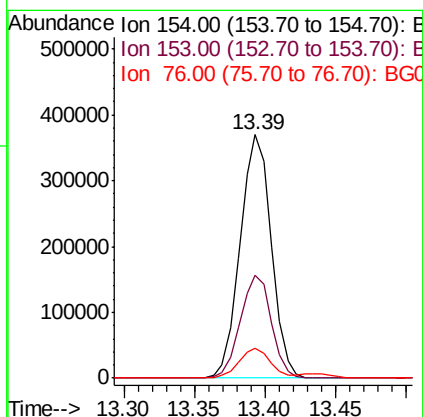
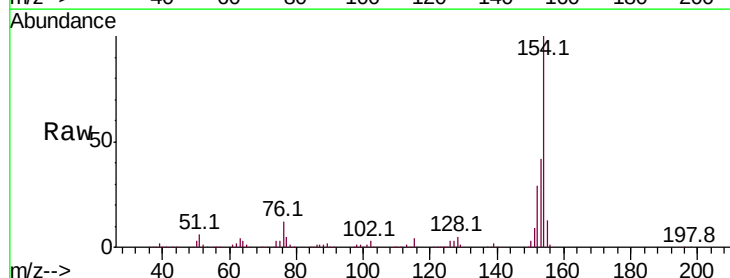
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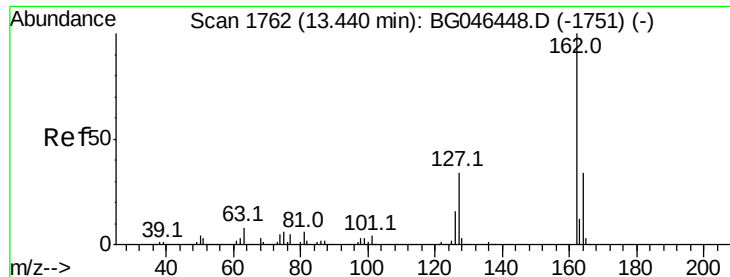
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#46  
1,1'-Biphenyl  
Concen: 39.233 ng  
RT: 13.39 min Scan# 1754  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.3  | 22.0  | 62.0  |
| 76      | 12.1  | 0.0   | 32.3  |





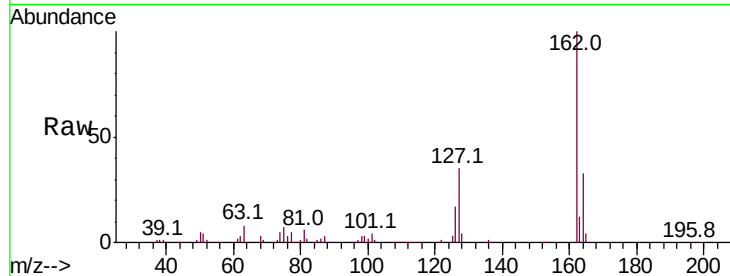
#47  
2-Chloronaphthalene  
Concen: 36.040 ng  
RT: 13.43 min Scan# 1761  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

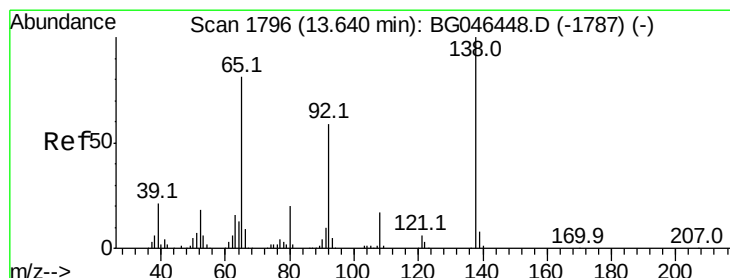
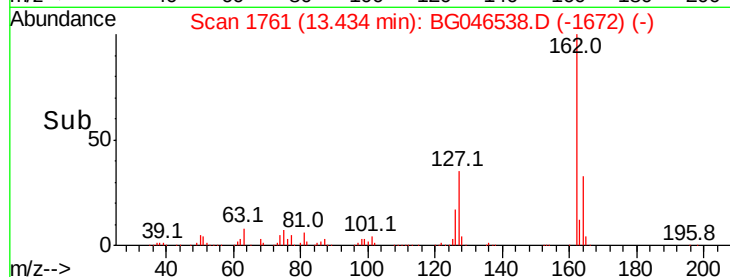
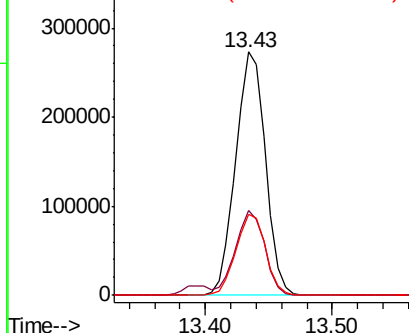
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 34.8  | 27.6  | 41.4  |
| 164     | 33.1  | 27.3  | 40.9  |

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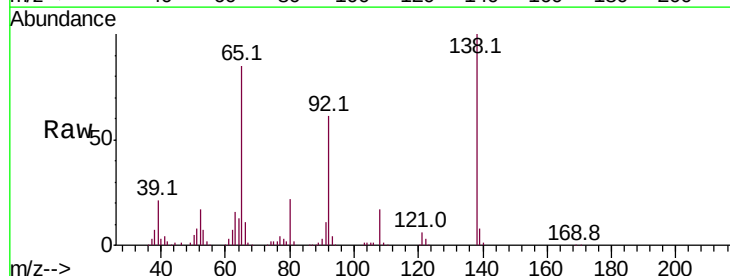


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

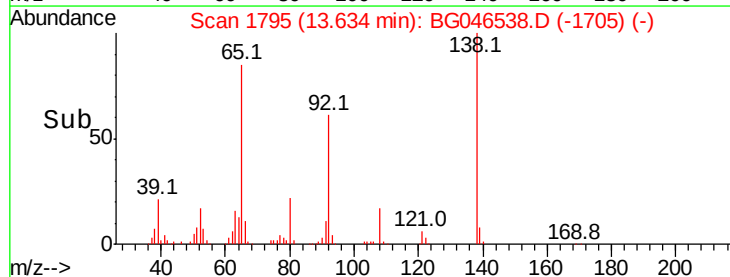
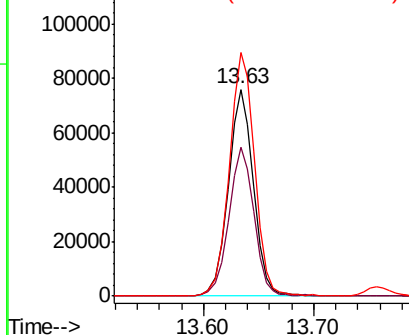


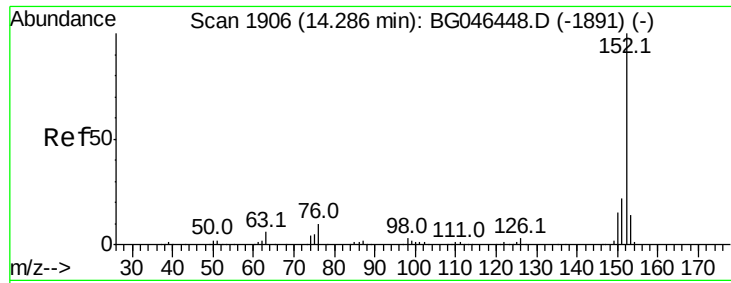
#48  
2-Nitroaniline  
Concen: 35.402 ng  
RT: 13.63 min Scan# 1795  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.2  | 58.5  | 87.7  |
| 138     | 117.7 | 98.4  | 147.6 |



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.808 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA\_G

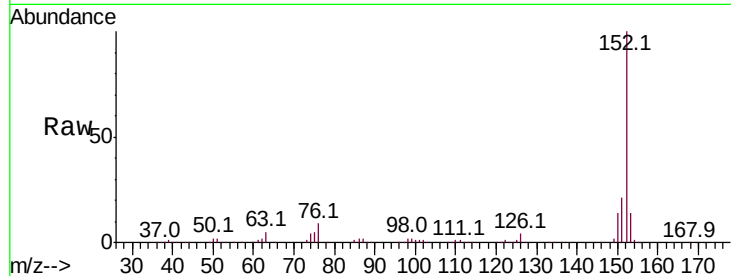
ClientSampleId :

PB131426BS

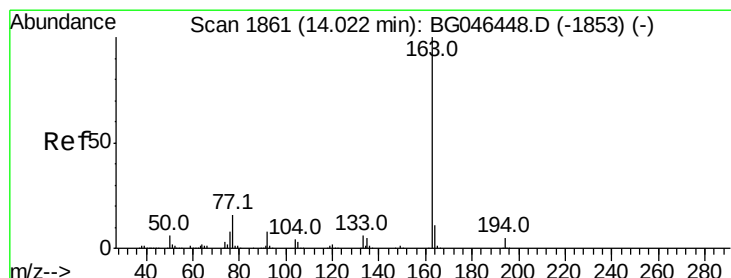
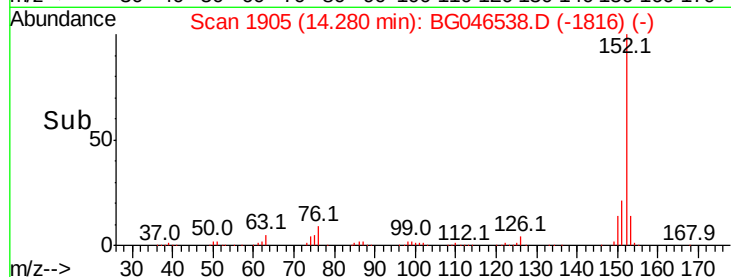
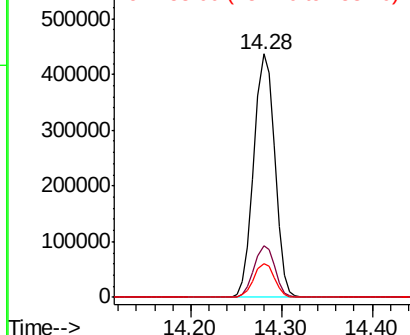
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 704786 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.4  | 17.7  | 26.5   |
| 153       | 14.0  | 11.2  | 16.8   |

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



#50

Dimethylphthalate

Concen: 34.887 ng

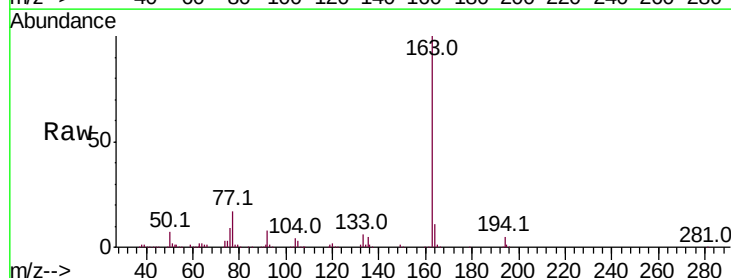
RT: 14.02 min Scan# 1860

Delta R.T. -0.00 min

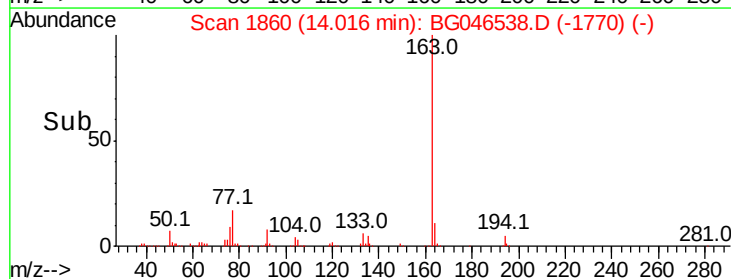
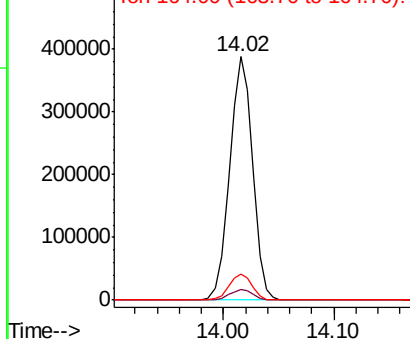
Lab File: BG046538.D

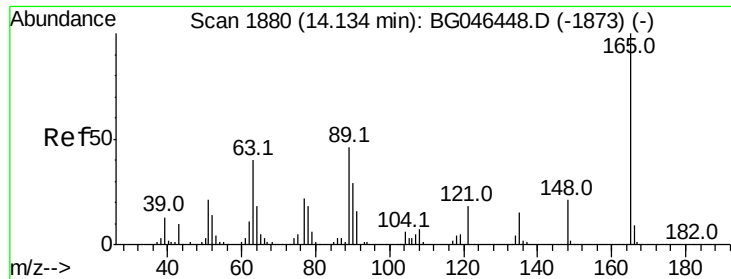
Acq: 4 Sep 2020 13:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 562278 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.6   | 3.7   | 5.5    |
| 164       | 10.8  | 8.6   | 12.8   |



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





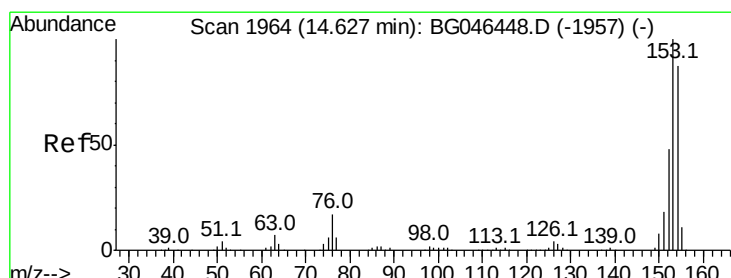
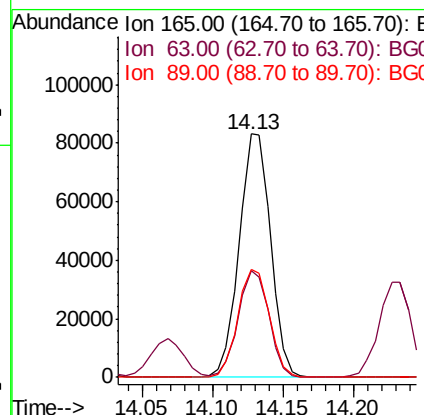
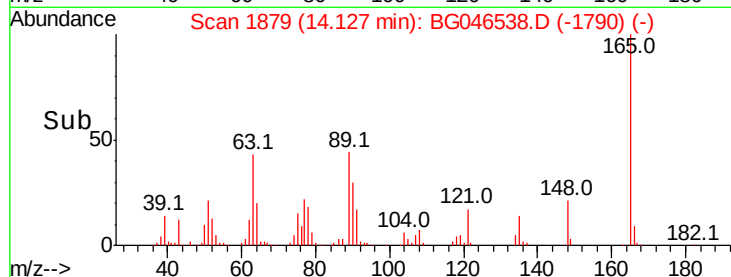
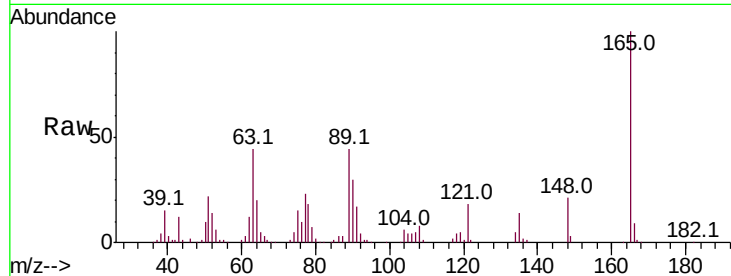
#51  
 2,6-Dinitrotoluene  
 Concen: 36.351 ng  
 RT: 14.13 min Scan# 1879  
 Delta R.T. -0.01 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 44.1  | 34.2  | 51.4  |
| 89      | 44.5  | 37.0  | 55.4  |

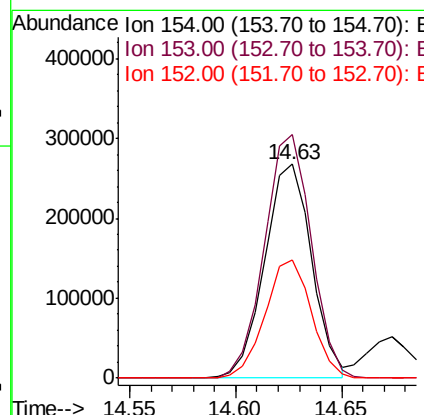
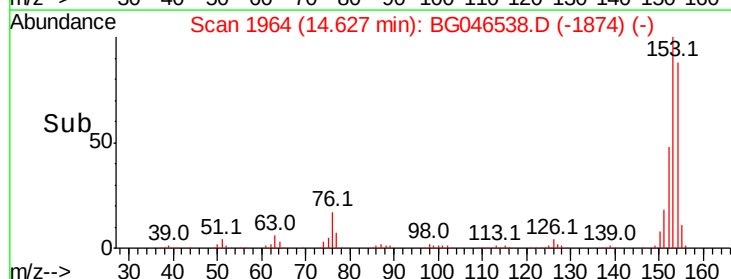
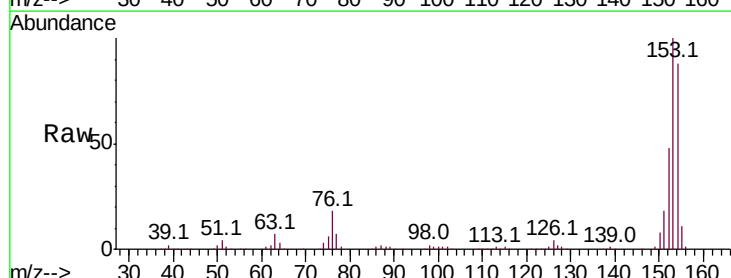
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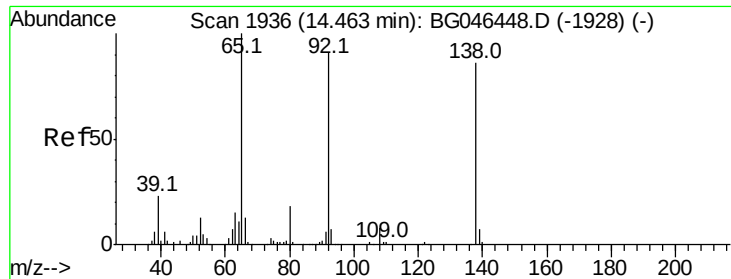
mohammad  
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#52  
 Acenaphthene  
 Concen: 35.950 ng  
 RT: 14.63 min Scan# 1964  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.7 | 91.9  | 137.9 |
| 152     | 54.9  | 43.8  | 65.6  |





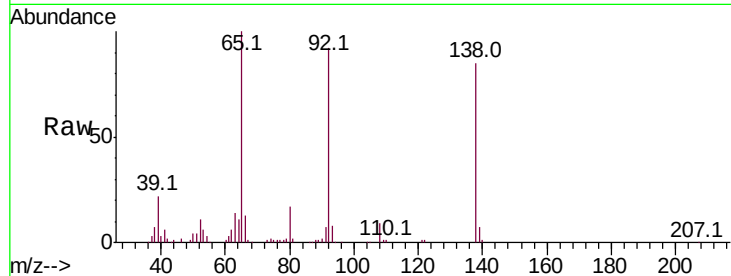
#53  
 3-Nitroaniline  
 Concen: 24.812 ng  
 RT: 14.46 min Scan# 1936  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131426BS

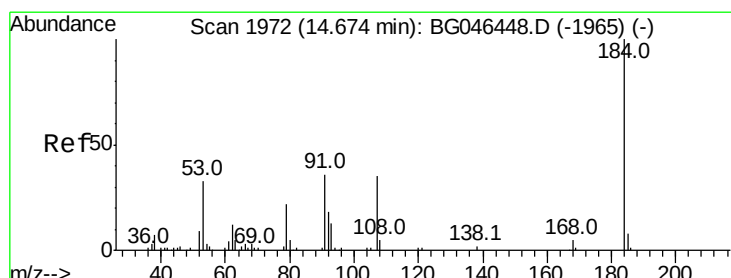
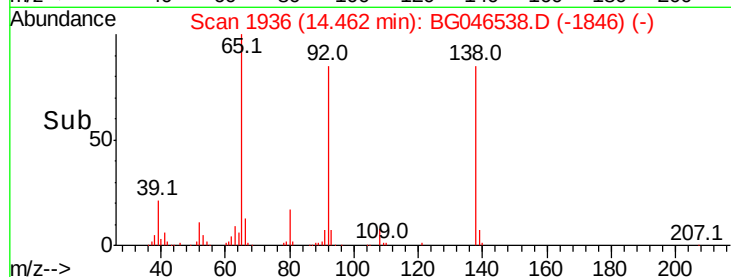
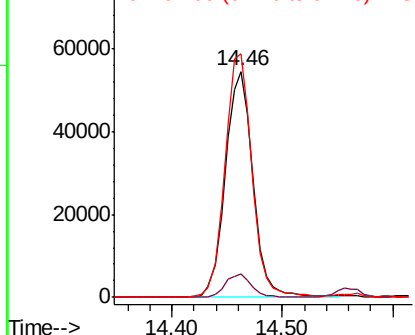
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 7.0   | 10.6  |
| 92      | 107.9 | 84.6  | 127.0 |

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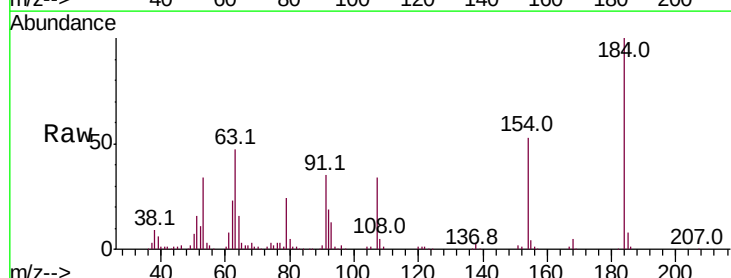


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BGC

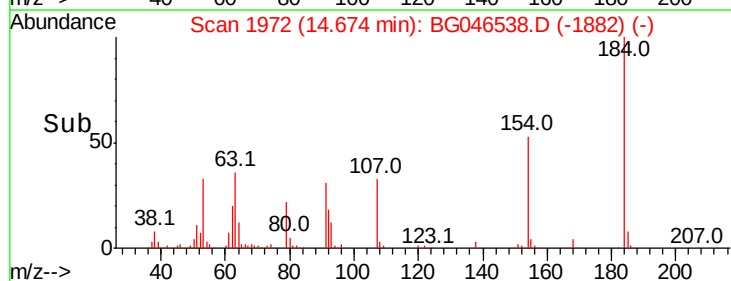
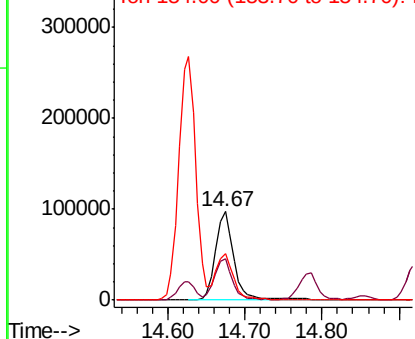


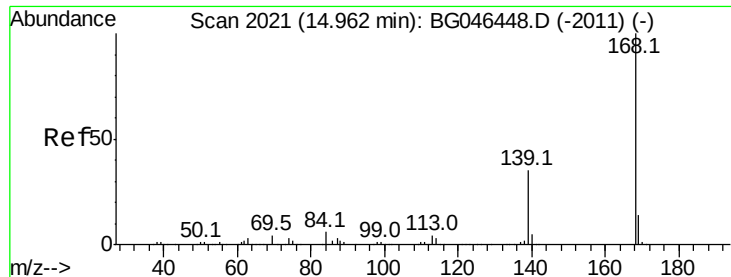
#54  
 2,4-Dinitrophenol  
 Concen: 77.518 ng  
 RT: 14.67 min Scan# 1972  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 46.5  | 35.6  | 53.4  |
| 154     | 53.1  | 44.3  | 66.5  |



Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 154.00 (153.70 to 154.70): E





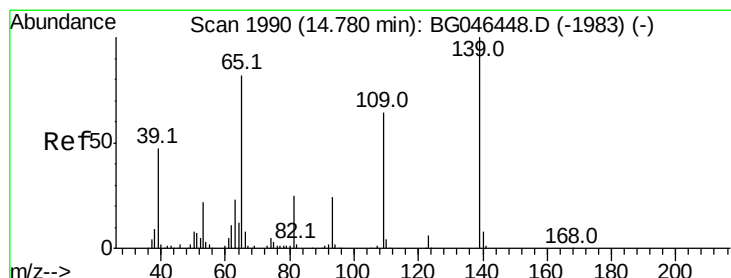
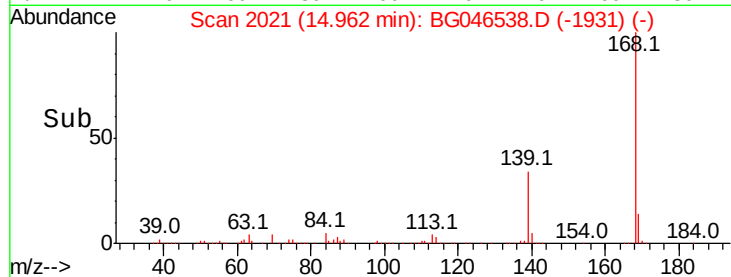
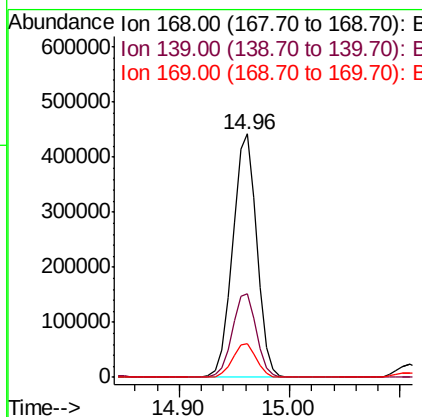
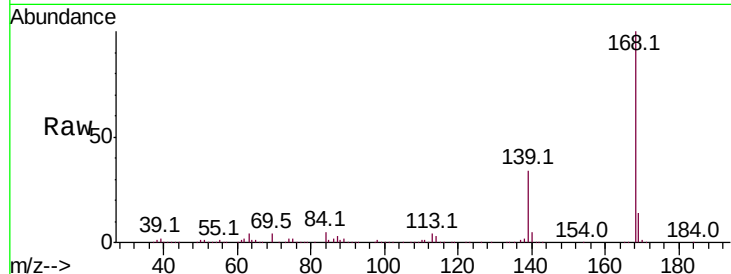
#55  
Dibenzenofuran  
Concen: 36.441 ng  
RT: 14.96 min Scan# 2021  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 34.5  | 28.1  | 42.1  |
| 169     | 13.6  | 11.5  | 17.3  |

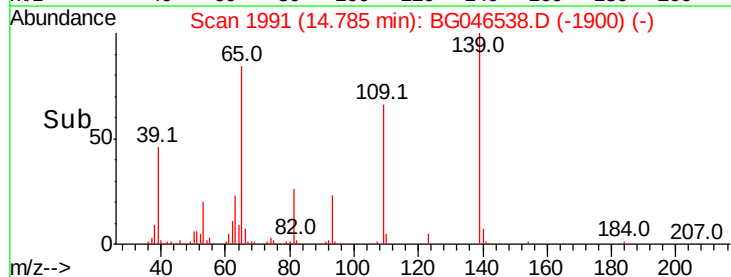
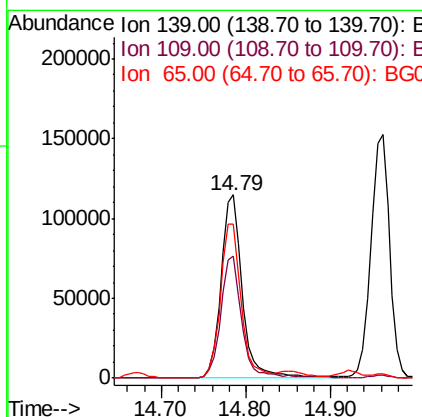
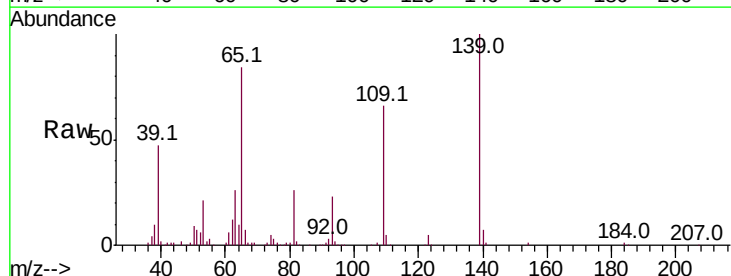
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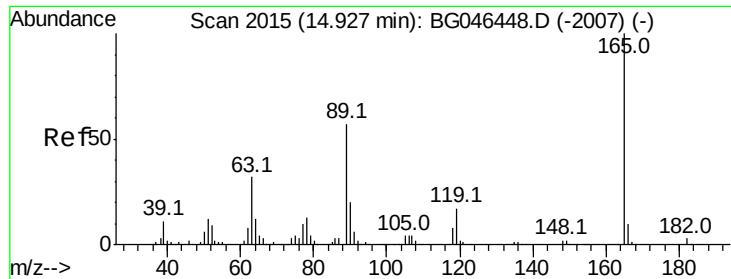


#56  
4-Nitrophenol  
Concen: 71.317 ng  
RT: 14.79 min Scan# 1991  
Delta R.T. 0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 66.3  | 44.3  | 84.3  |
| 65      | 83.8  | 61.5  | 101.5 |







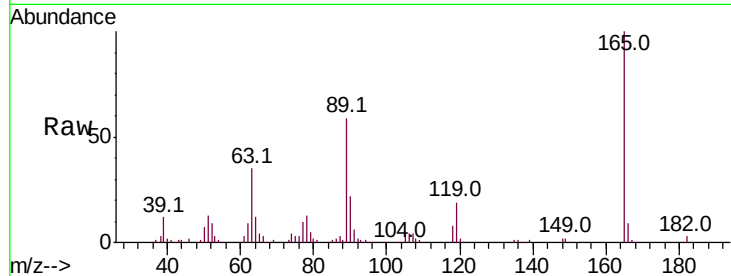
#57  
 2,4-Dinitrotoluene  
 Concen: 35.201 ng  
 RT: 14.92 min Scan# 2014  
 Delta R.T. -0.01 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131426BS

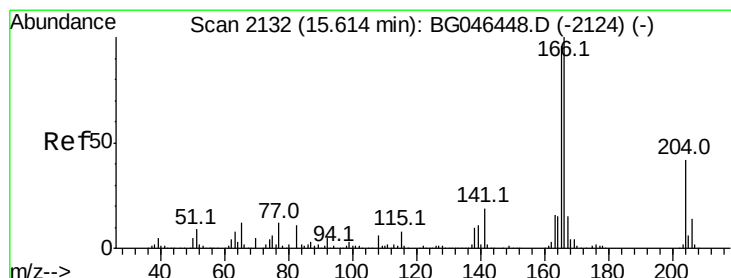
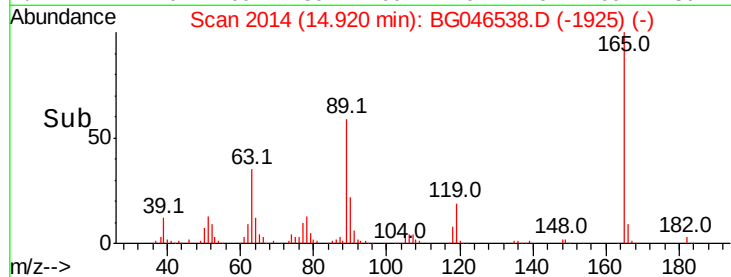
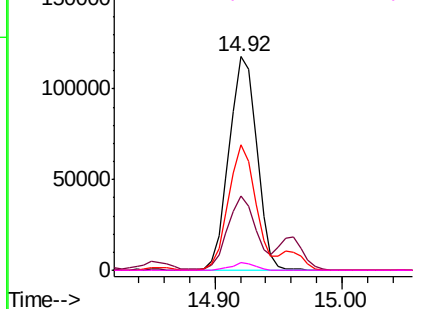
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 178321 |       |       |
| 63      | 34.6  | 25.4   | 38.0  |       |
| 89      | 58.7  | 45.9   | 68.9  |       |
| 182     | 3.3   | 2.3    | 3.5   |       |

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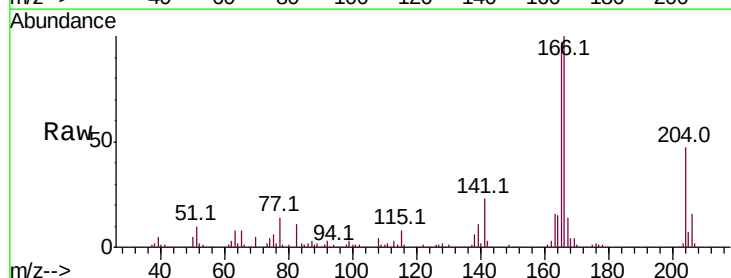


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 182.00 (181.70 to 182.70): E

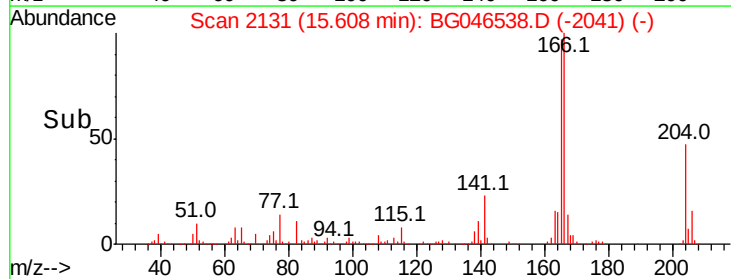
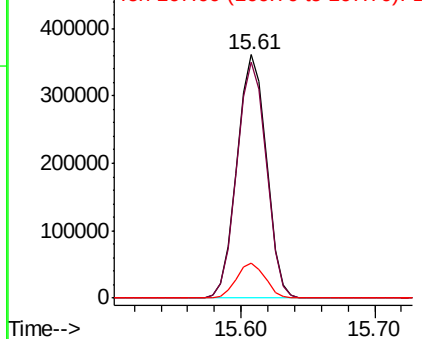


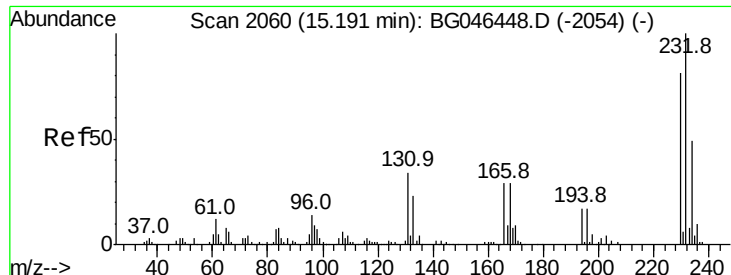
#58  
 Fluorene  
 Concen: 35.350 ng  
 RT: 15.61 min Scan# 2131  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 550033 |       |       |
| 165     | 97.2  | 77.0   | 115.4 |       |
| 167     | 14.5  | 11.8   | 17.6  |       |



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E





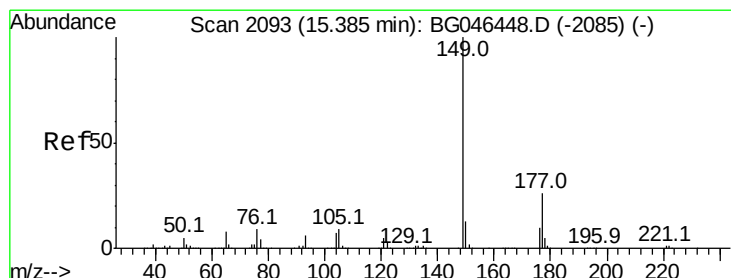
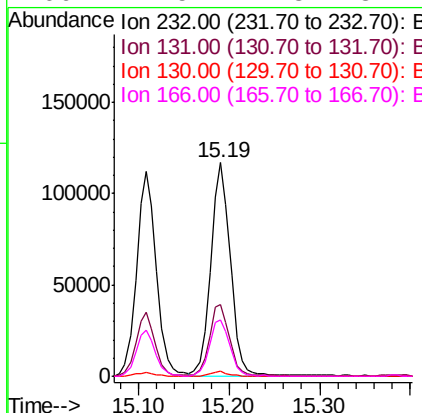
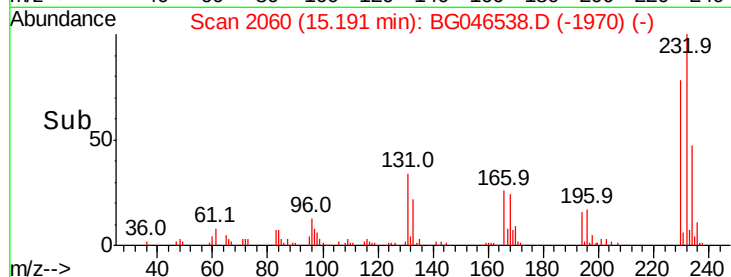
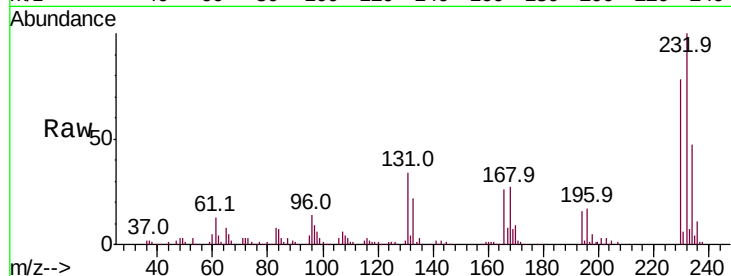
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.165 ng  
 RT: 15.19 min Scan# 2060  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131426BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 175785 |       |       |
| 131     | 34.3  | 26.8   | 40.2  |       |
| 130     | 1.9   | 1.4    | 2.2   |       |
| 166     | 27.5  | 22.8   | 34.2  |       |

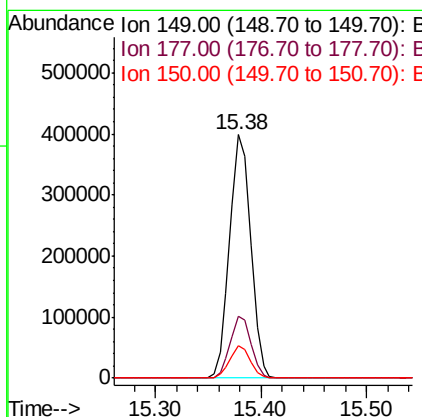
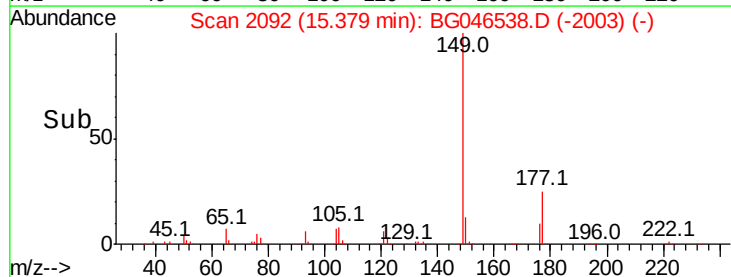
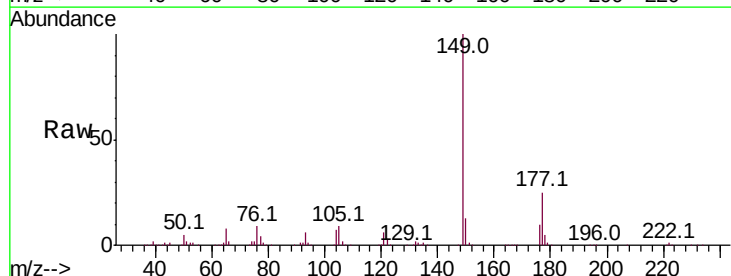
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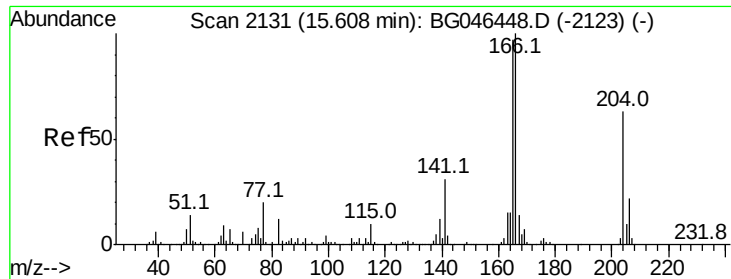
mohammad  
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#60  
 Diethylphthalate  
 Concen: 35.036 ng  
 RT: 15.38 min Scan# 2092  
 Delta R.T. -0.01 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 550552 |       |       |
| 177     | 25.3  | 20.6   | 30.8  |       |
| 150     | 13.1  | 10.3   | 15.5  |       |





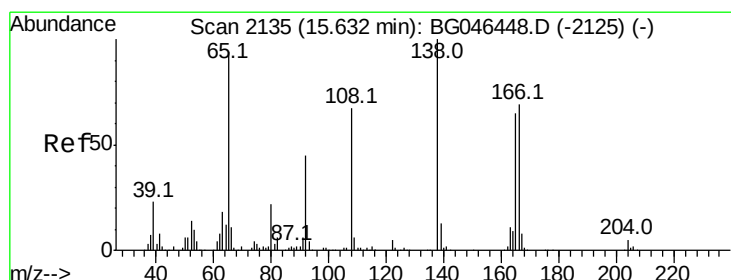
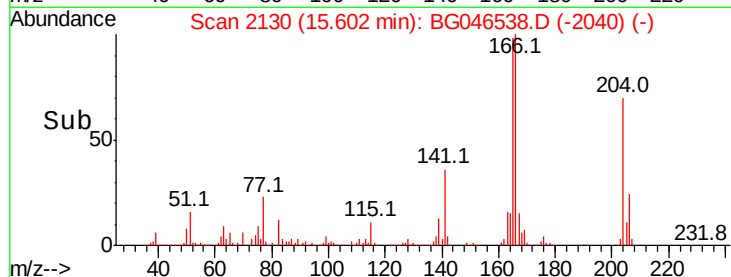
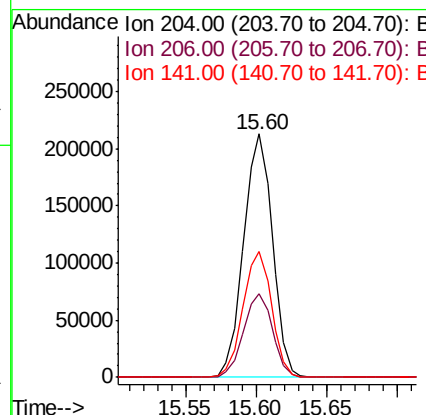
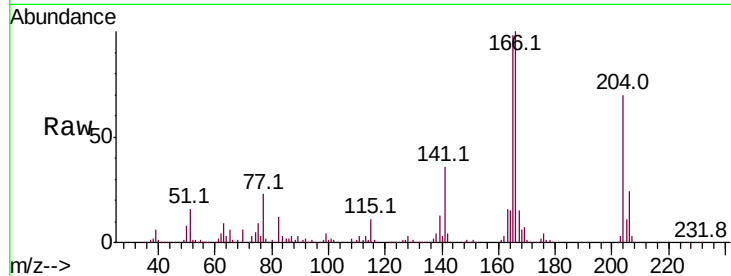
#61  
4-Chlorophenyl-phenylether  
Concen: 35.481 ng  
RT: 15.60 min Scan# 2130  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.1  | 27.7  | 41.5  |
| 141     | 51.5  | 38.7  | 58.1  |

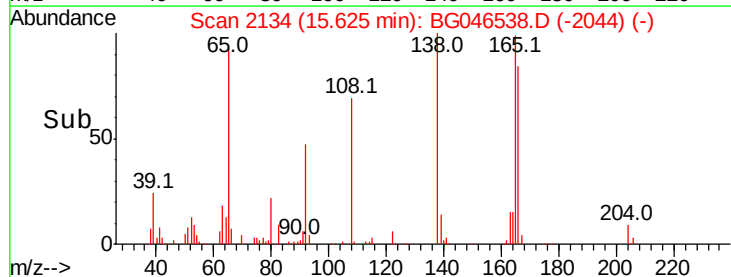
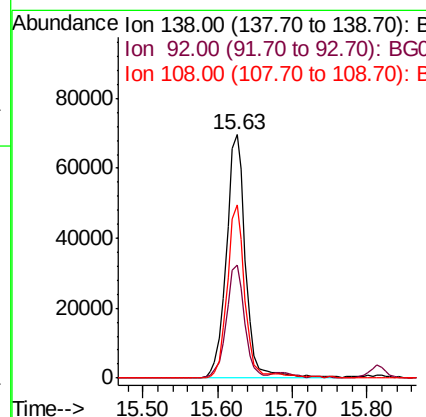
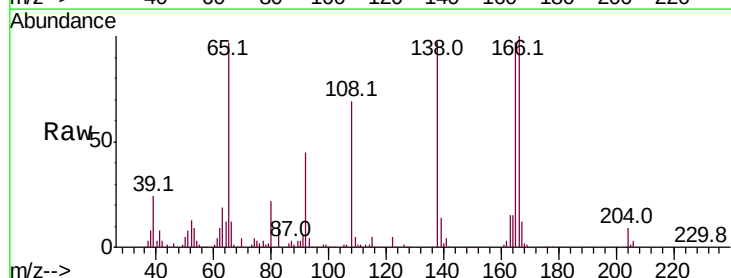
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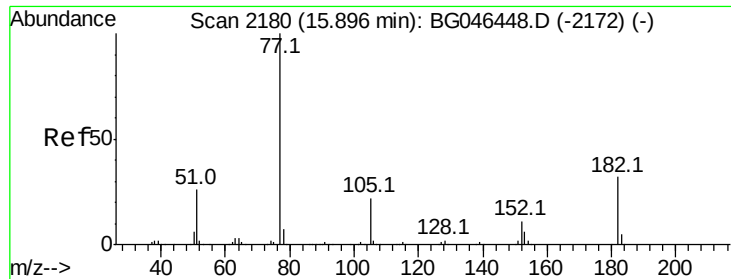
mohammad  
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#62  
4-Nitroaniline  
Concen: 30.878 ng  
RT: 15.63 min Scan# 2134  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.6  | 25.3  | 65.3  |
| 108     | 71.1  | 46.7  | 86.7  |





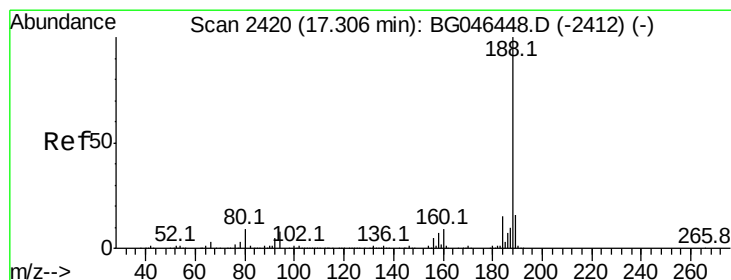
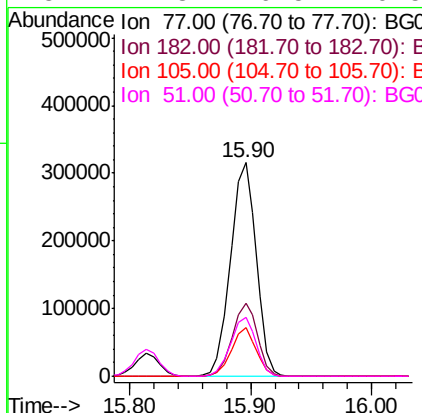
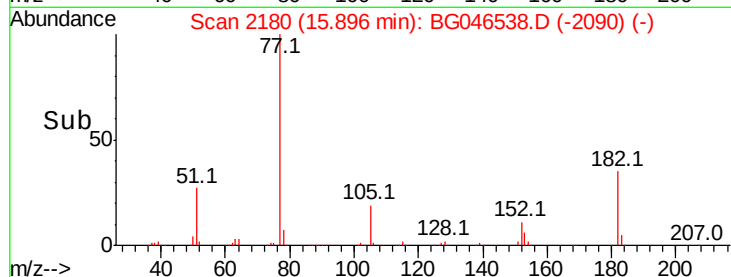
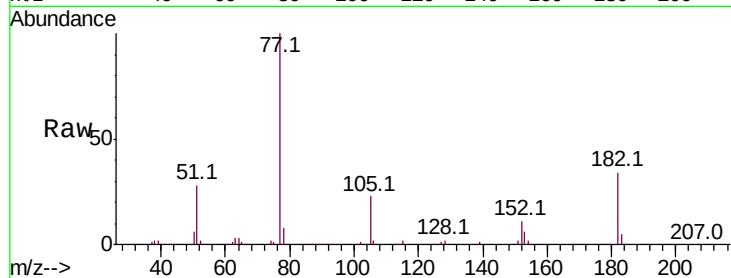
#63  
Azobenzene  
Concen: 36.565 ng  
RT: 15.90 min Scan# 2180  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 467387 |       |       |
| 182     | 33.9  | 12.3   | 52.3  |       |
| 105     | 22.6  | 2.3    | 42.3  |       |
| 51      | 27.8  | 6.5    | 46.5  |       |

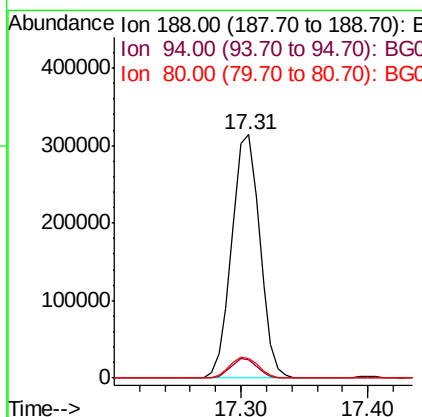
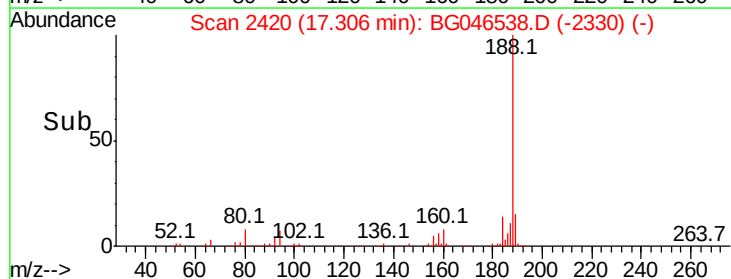
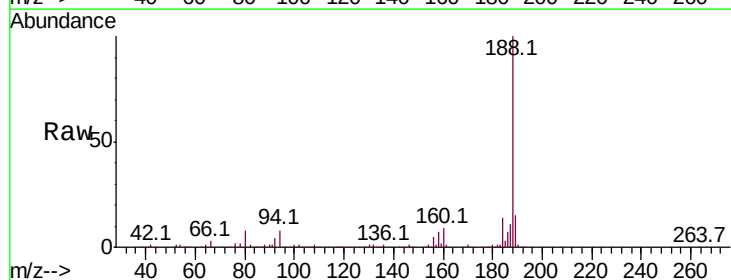
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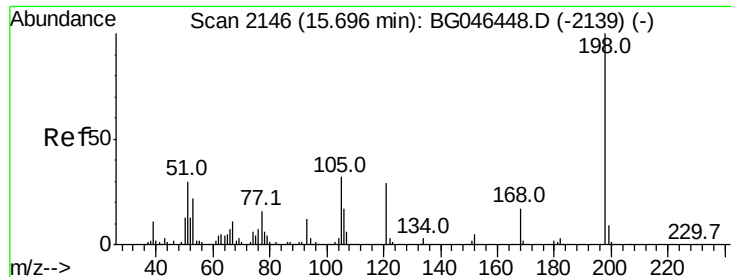
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.31 min Scan# 2420  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 480686 |       |       |
| 94      | 7.5   | 6.3    | 9.5   |       |
| 80      | 8.1   | 6.9    | 10.3  |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 42.450 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA\_G

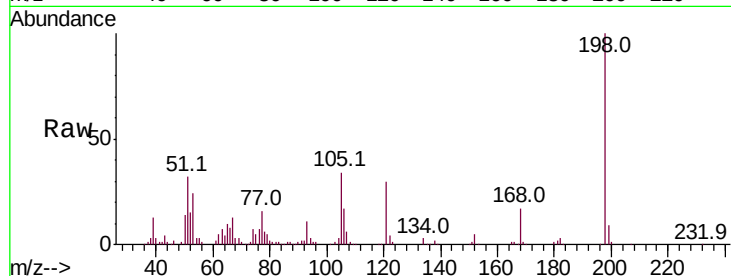
ClientSampleId :

PB131426BS

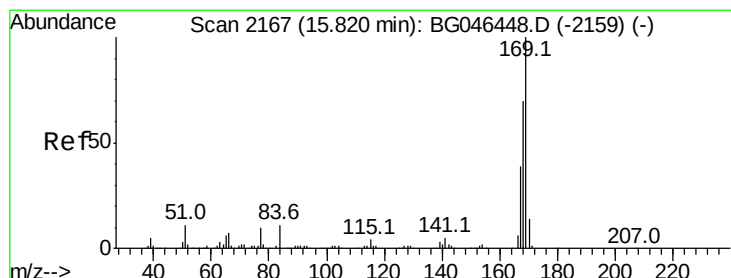
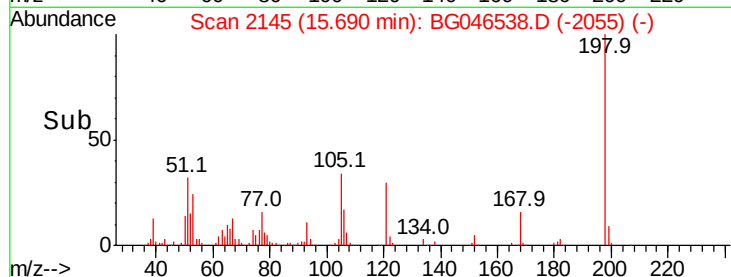
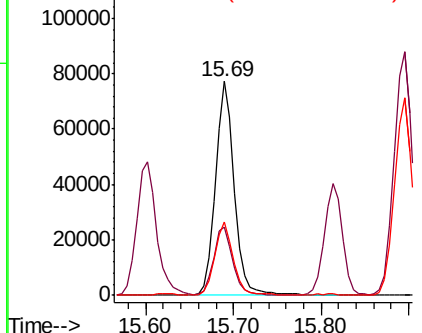
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 115495 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 31.7  | 10.4  | 50.4   |
| 105       | 34.2  | 12.4  | 52.4   |

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Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.141 ng

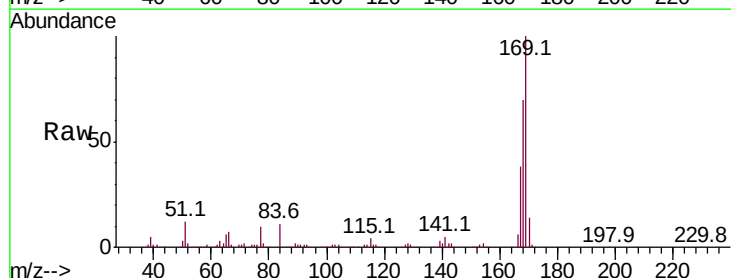
RT: 15.81 min Scan# 2166

Delta R.T. -0.00 min

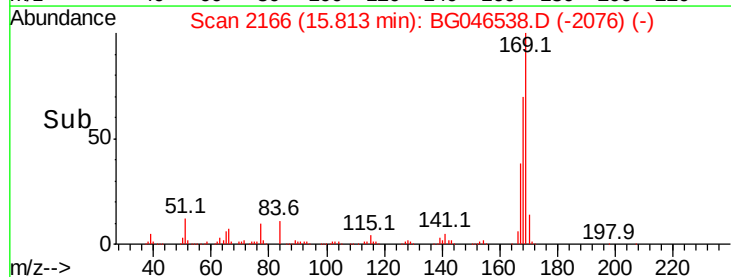
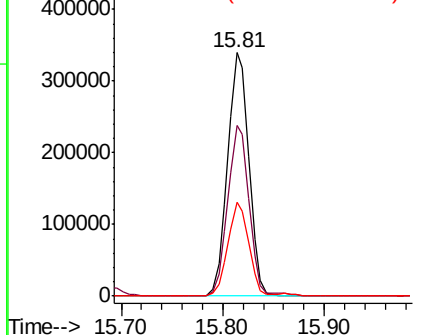
Lab File: BG046538.D

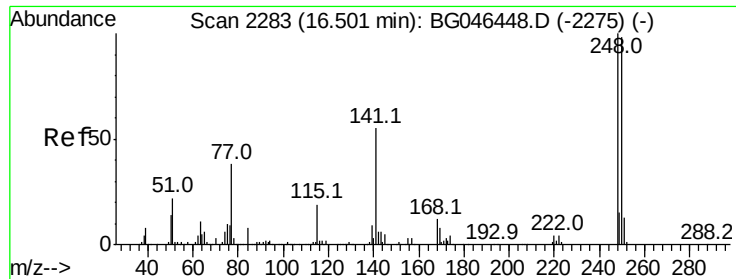
Acq: 4 Sep 2020 13:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 494603 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.9  | 55.8  | 83.8   |
| 167       | 38.4  | 31.0  | 46.6   |



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E





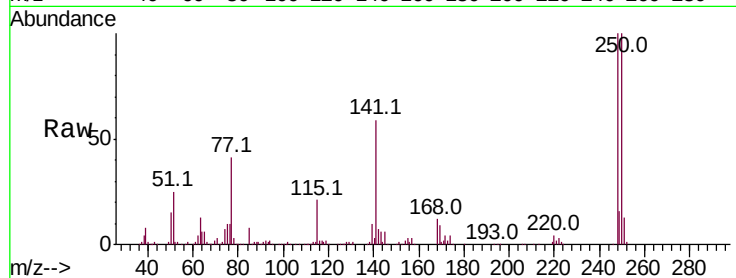
#67  
4-Bromophenyl-phenylether  
Concen: 36.831 ng  
RT: 16.50 min Scan# 2282  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.9  | 78.6  | 118.0 |
| 141     | 59.3  | 43.9  | 65.9  |

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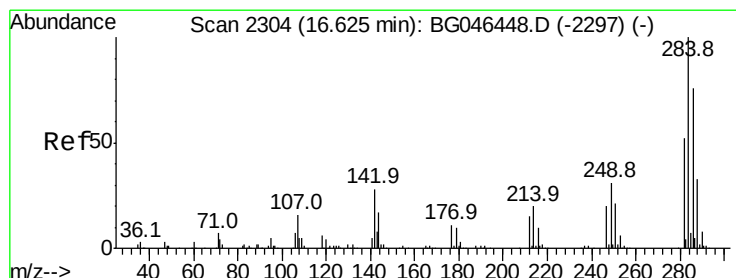
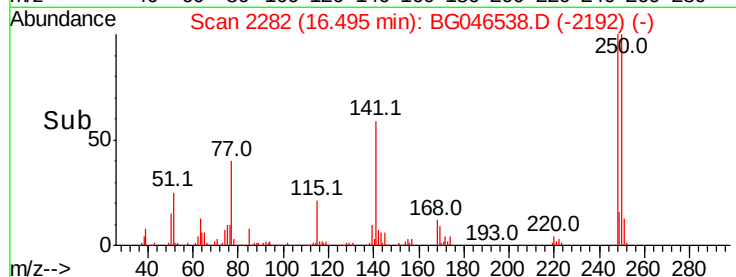
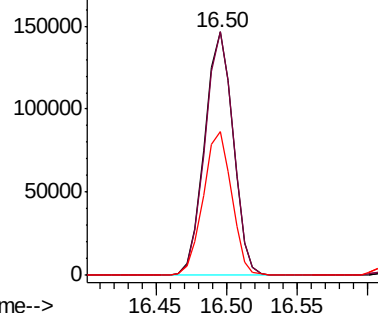


Abundance

Ion 248.00 (247.70 to 248.70): E

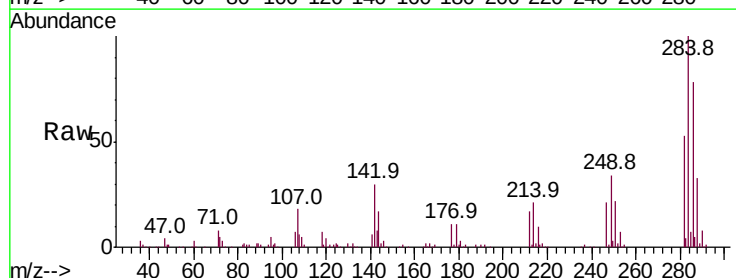
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 34.850 ng  
RT: 16.62 min Scan# 2303  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.7  | 22.3  | 33.5  |
| 249     | 33.8  | 24.8  | 37.2  |

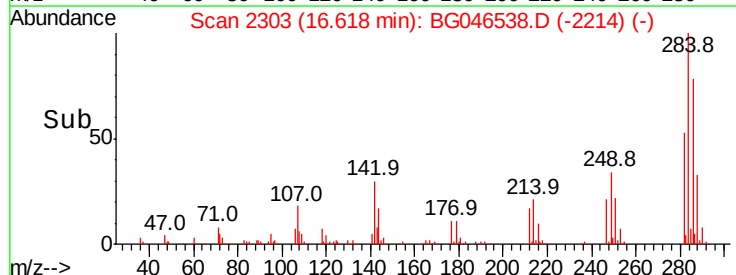
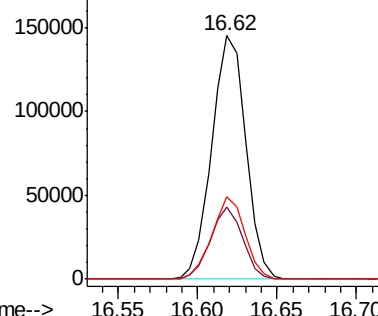


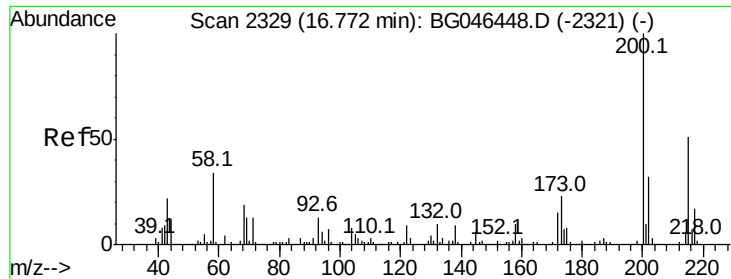
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





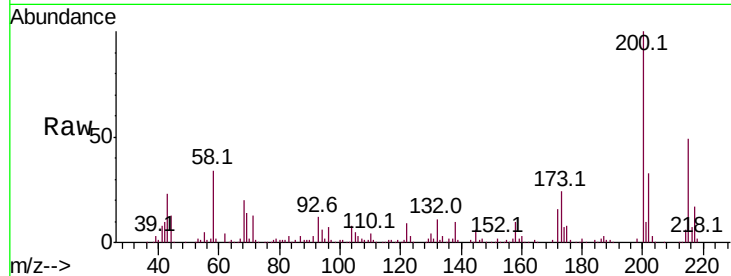
#69  
Atrazine  
Concen: 34.171 ng  
RT: 16.77 min Scan# 2328  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

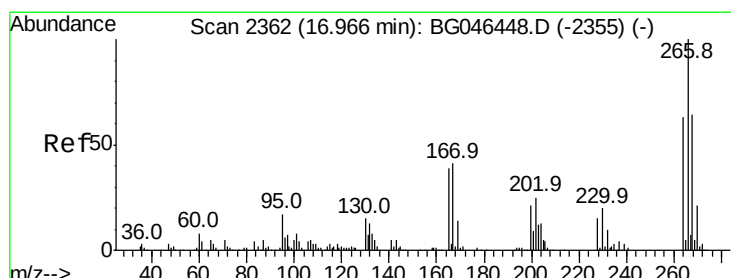
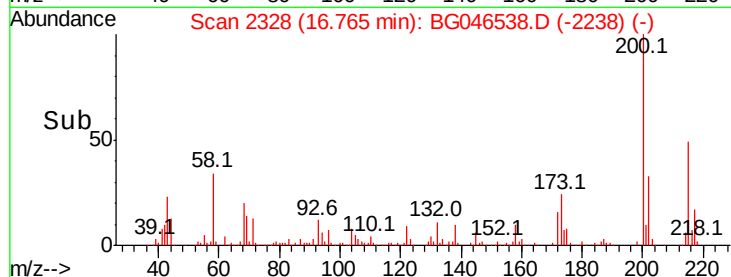
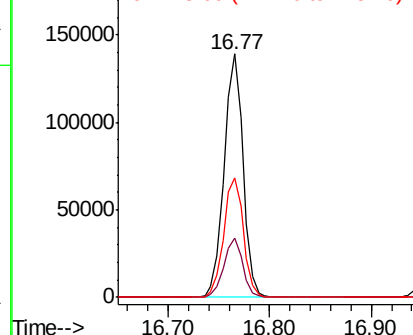
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 180773 |       |       |
| 173     | 24.2  | 3.3    | 43.3  |       |
| 215     | 49.2  | 30.9   | 70.9  |       |

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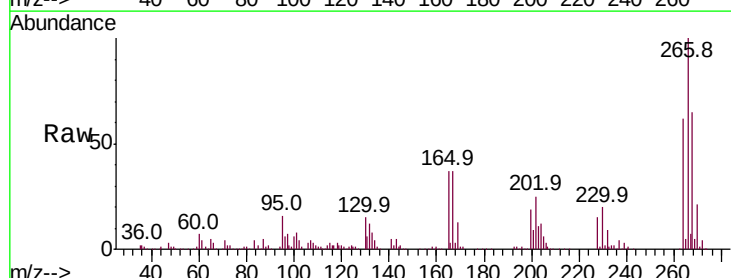


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

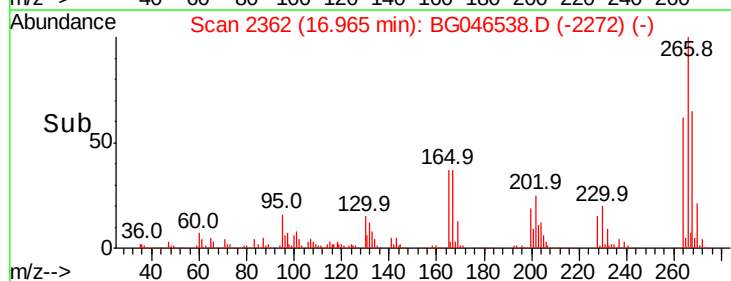
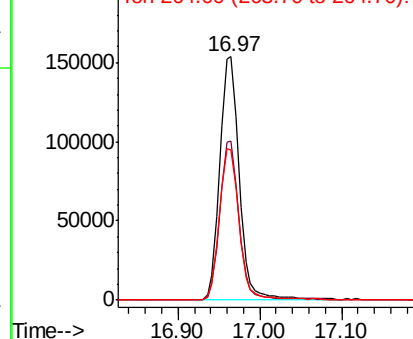


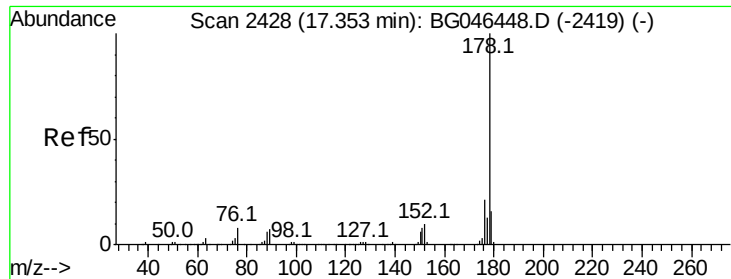
#70  
Pentachlorophenol  
Concen: 79.620 ng  
RT: 16.97 min Scan# 2362  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 258367 |       |       |
| 268     | 65.1  | 51.1   | 76.7  |       |
| 264     | 61.9  | 50.2   | 75.2  |       |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





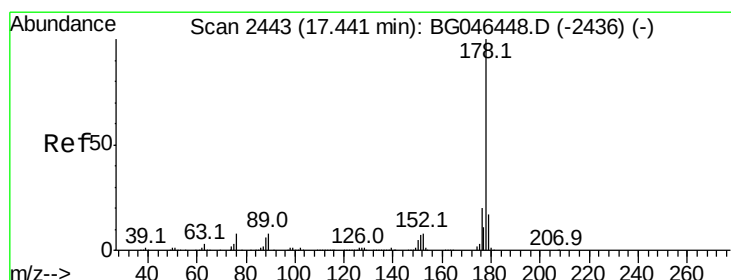
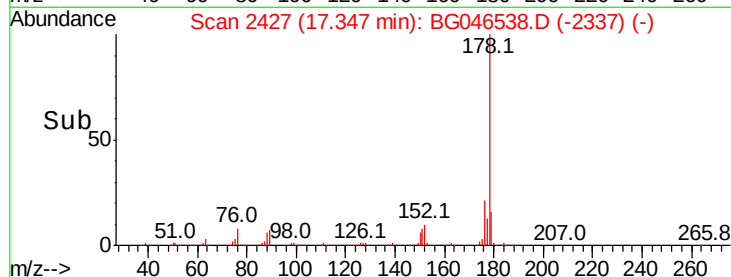
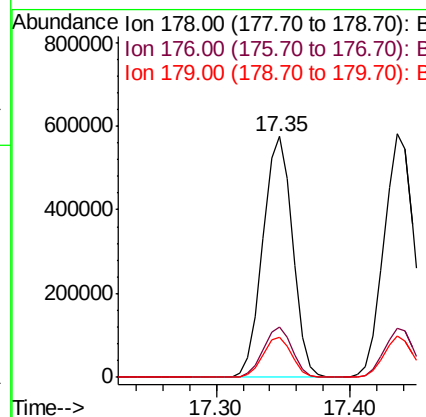
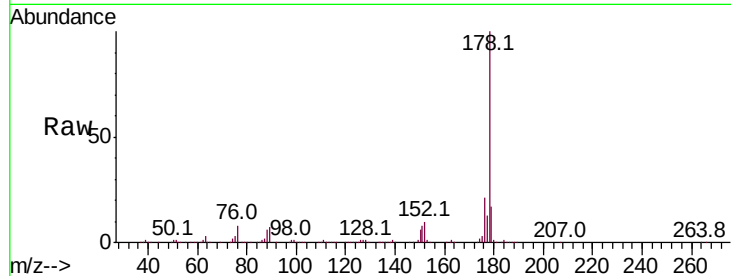
#71  
Phenanthrene  
Concen: 36.246 ng  
RT: 17.35 min Scan# 2427  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.7  | 16.8  | 25.2  |
| 179     | 16.6  | 13.2  | 19.8  |

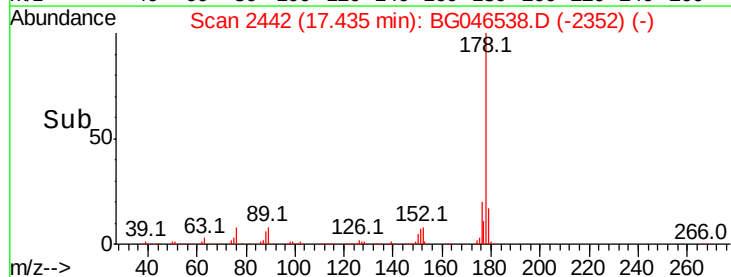
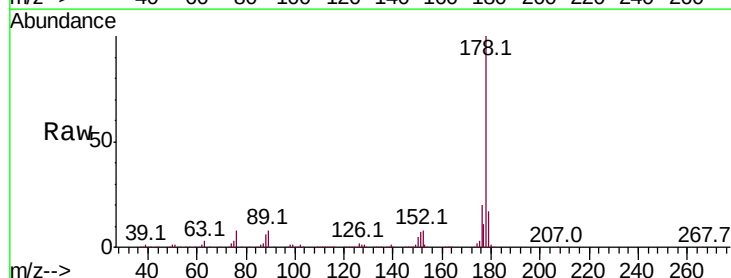
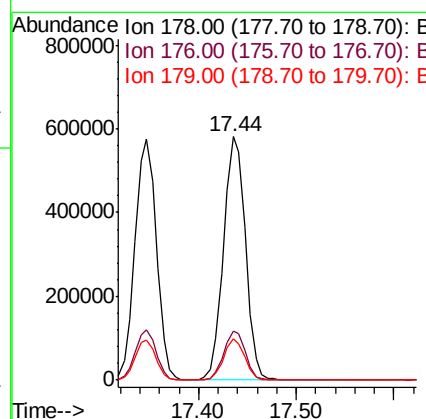
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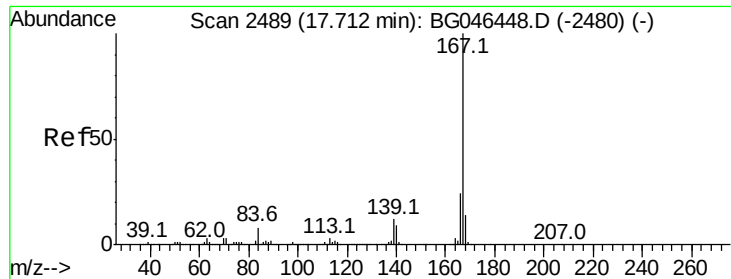


#72  
Anthracene  
Concen: 37.579 ng  
RT: 17.44 min Scan# 2442  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 16.1  | 24.1  |
| 179     | 16.9  | 13.3  | 19.9  |







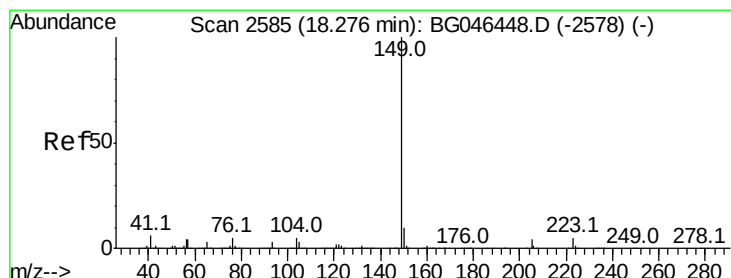
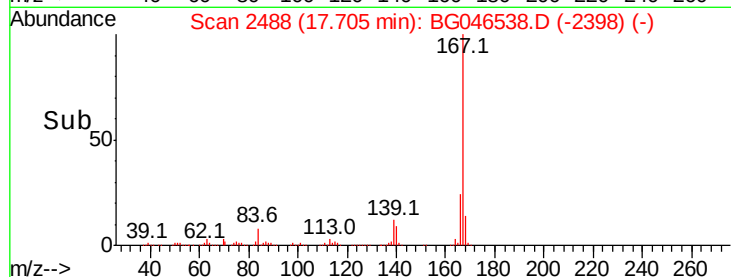
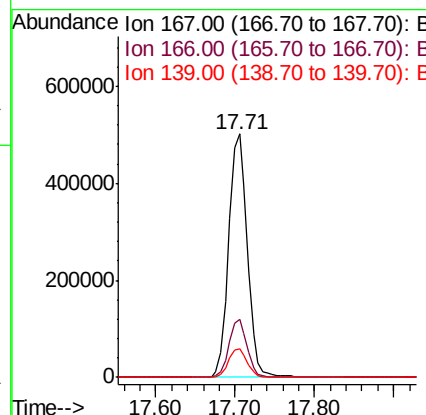
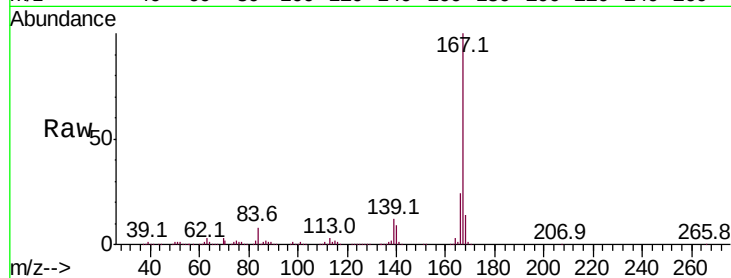
#73  
 Carbazole  
 Concen: 35.902 ng  
 RT: 17.71 min Scan# 2488  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.8  | 19.3  | 28.9  |
| 139     | 12.0  | 9.7   | 14.5  |

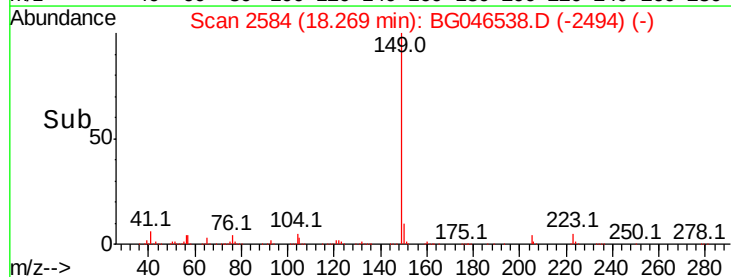
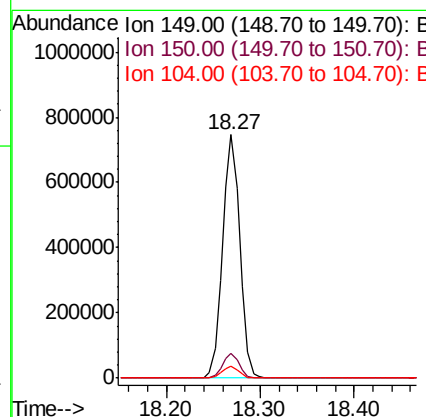
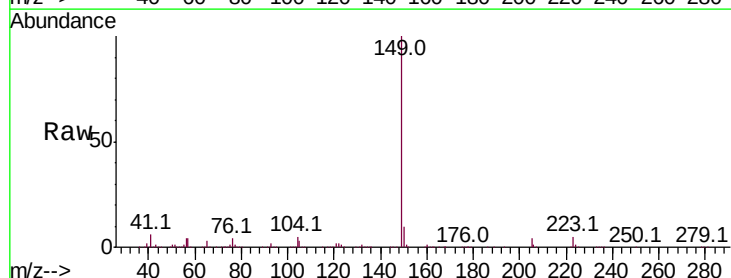
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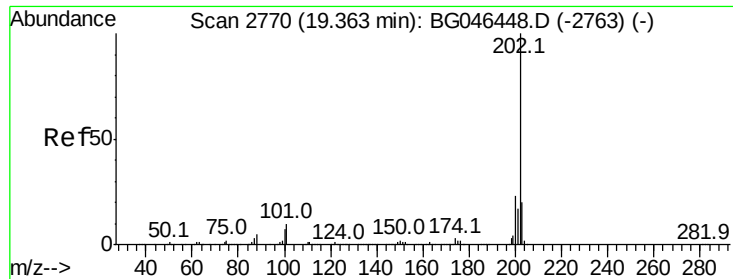
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#74  
 Di-n-butylphthalate  
 Concen: 36.587 ng  
 RT: 18.27 min Scan# 2584  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.1  | 8.1   | 12.1  |
| 104     | 4.9   | 4.0   | 6.0   |





#75

Fluoranthene

Concen: 35.397 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA\_G

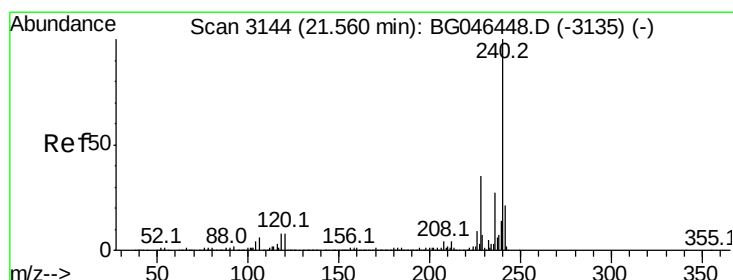
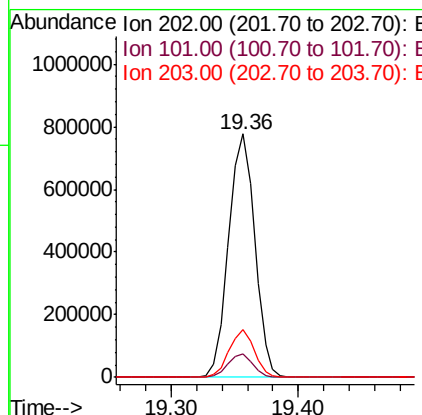
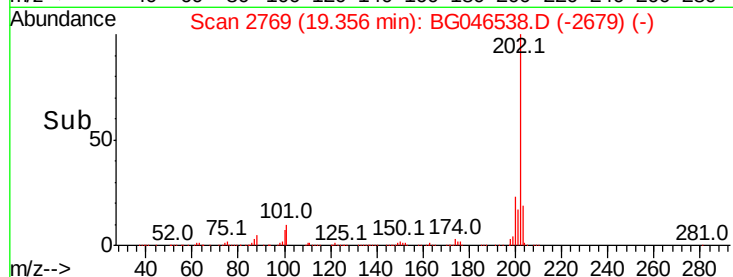
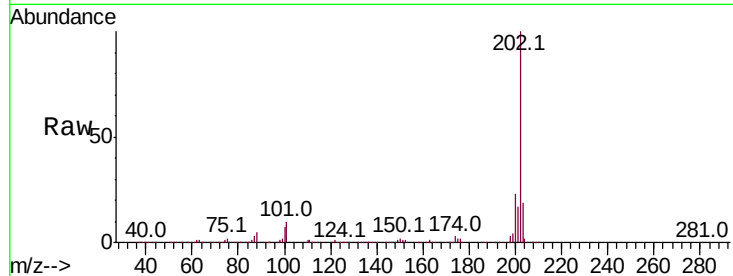
ClientSampled :

PB131426BS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1109864 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 9.6   | 0.0   | 29.9    |
| 203       | 19.4  | 0.0   | 40.0    |

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#76

Chrysene-d12

Concen: 20.000 ng

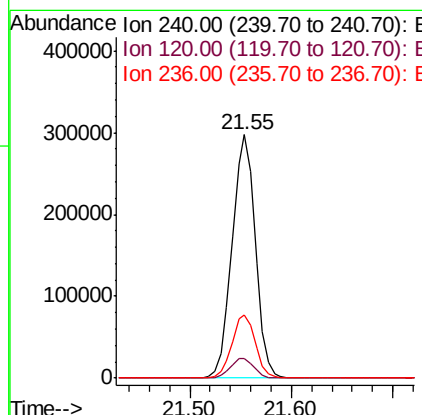
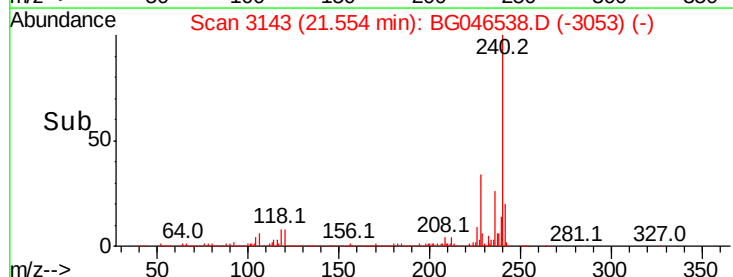
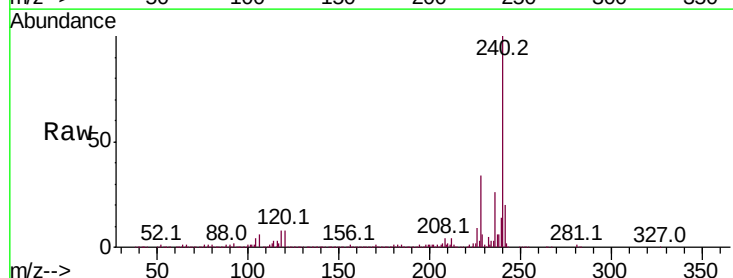
RT: 21.55 min Scan# 3143

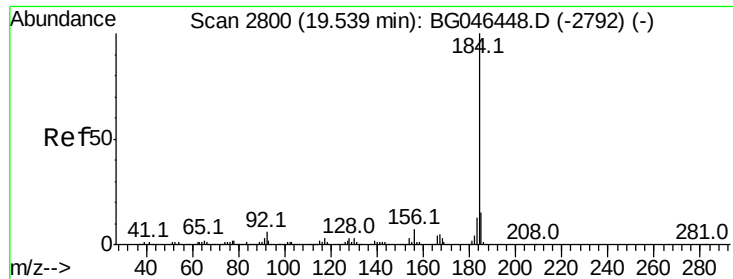
Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 472745 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.3   | 6.6   | 10.0   |
| 236       | 25.9  | 21.4  | 32.2   |





#77

Benzidine

Concen: 41.774 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA\_G

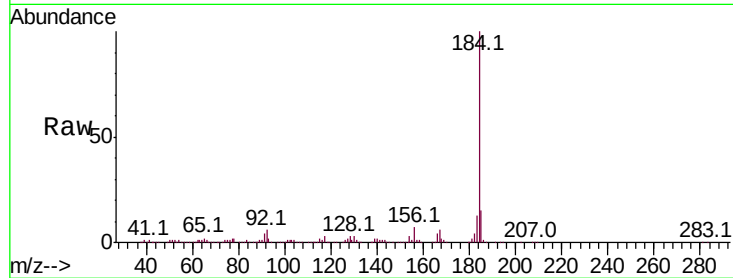
ClientSampleId :

PB131426BS

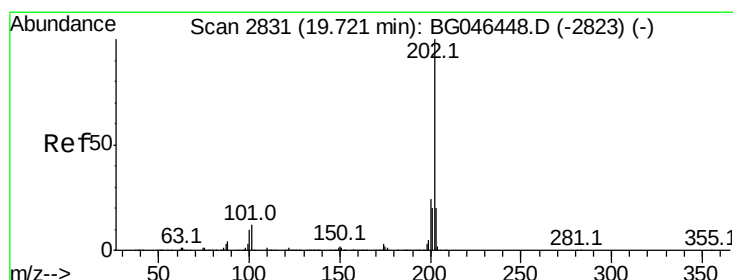
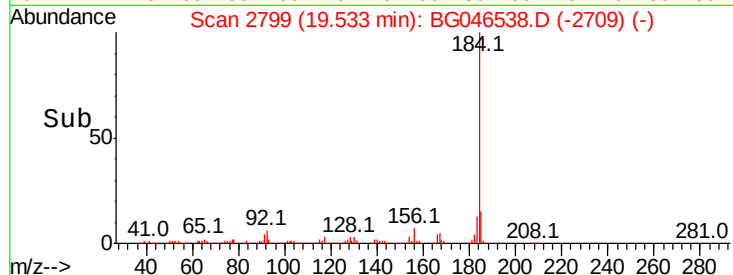
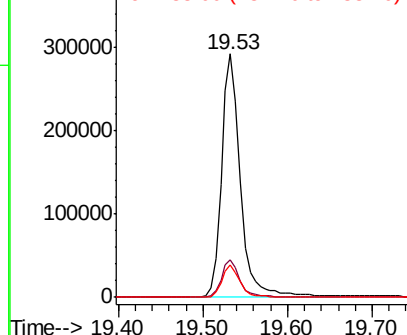
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 458894 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.3  | 11.8  | 17.8   |
| 183       | 13.3  | 10.7  | 16.1   |

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



#78

Pyrene

Concen: 36.636 ng

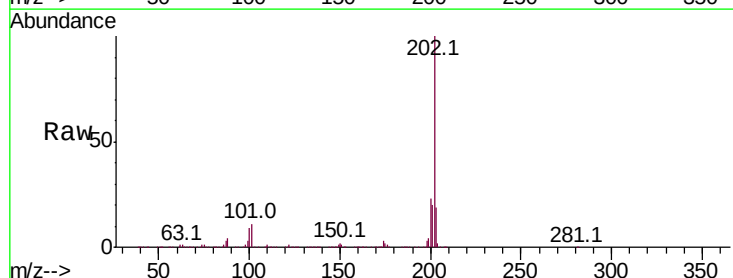
RT: 19.71 min Scan# 2830

Delta R.T. -0.00 min

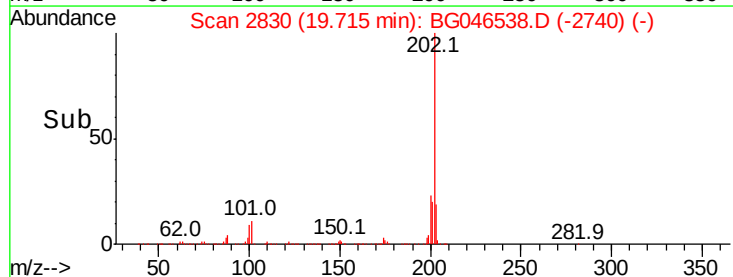
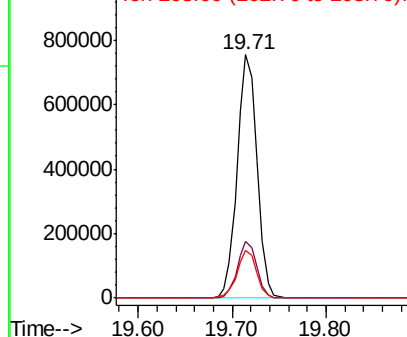
Lab File: BG046538.D

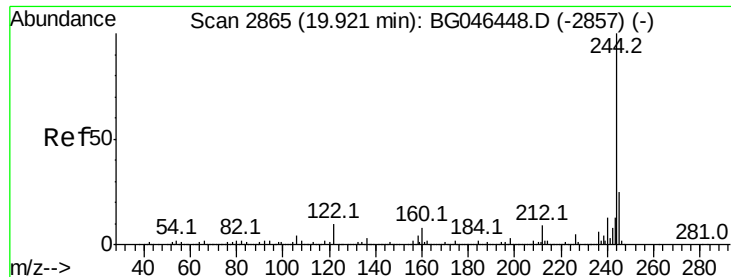
Acq: 4 Sep 2020 13:06

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1102881 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 23.2  | 18.9  | 28.3    |
| 203       | 19.5  | 16.1  | 24.1    |



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





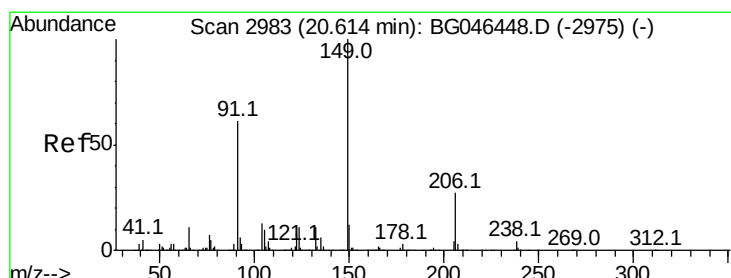
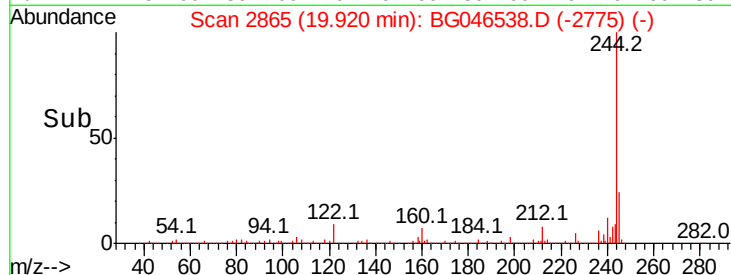
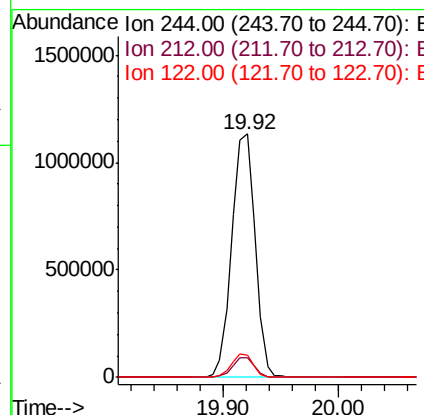
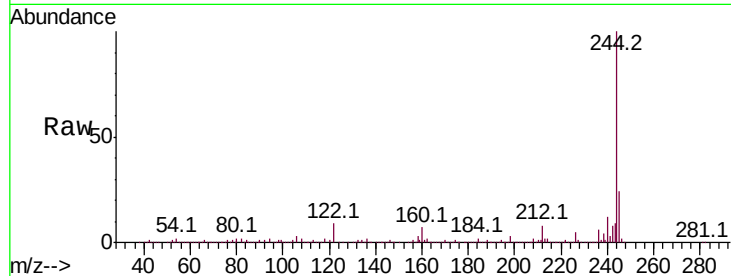
#79  
 Terphenyl-d14  
 Concen: 71.658 ng  
 RT: 19.92 min Scan# 2865  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 6.9   | 10.3  |
| 122     | 9.2   | 8.2   | 12.4  |

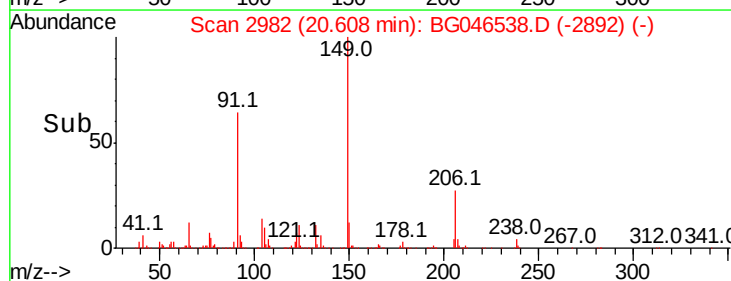
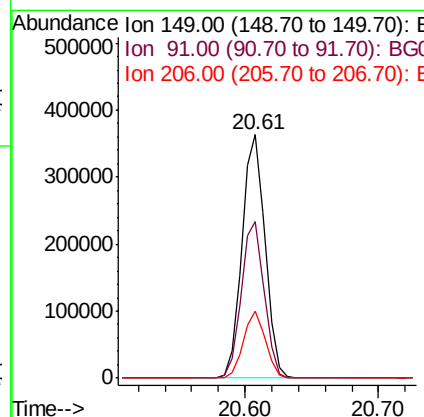
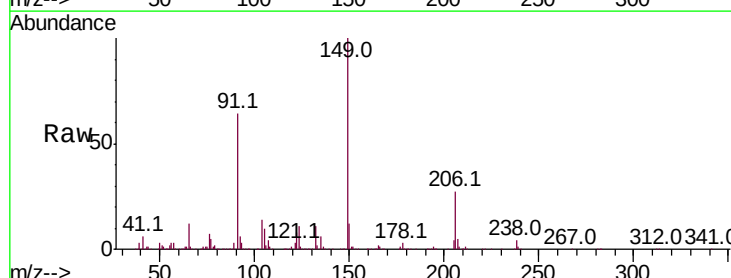
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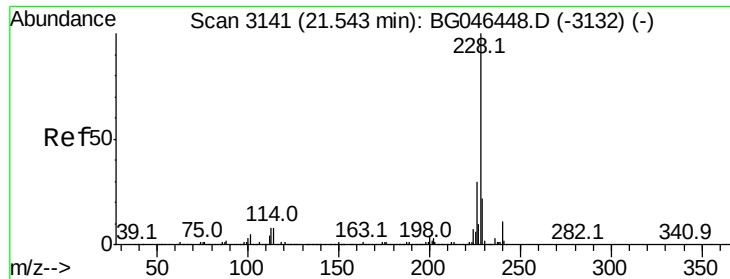
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#80  
 Butylbenzylphthalate  
 Concen: 37.049 ng  
 RT: 20.61 min Scan# 2982  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 64.1  | 49.1  | 73.7  |
| 206     | 27.3  | 21.9  | 32.9  |





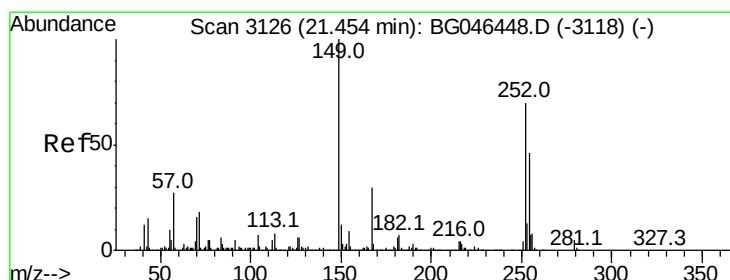
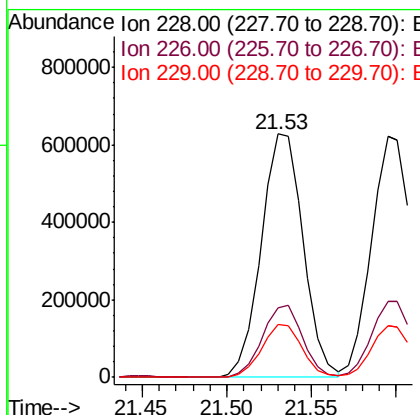
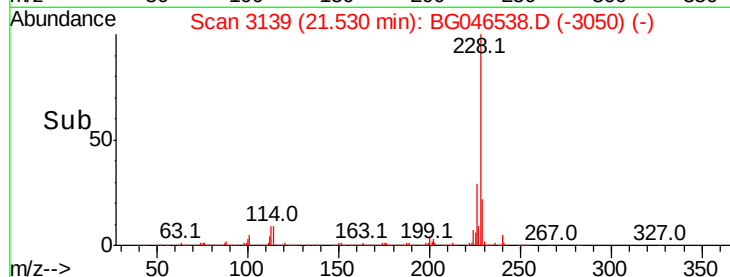
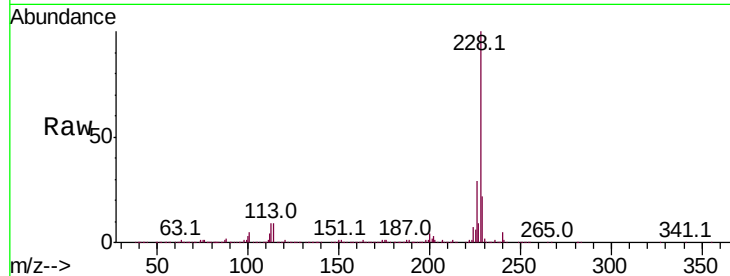
#81  
Benzo(a)anthracene  
Concen: 36.731 ng  
RT: 21.53 min Scan# 3139  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.6  | 24.2  | 36.4  |
| 229     | 21.6  | 17.4  | 26.2  |

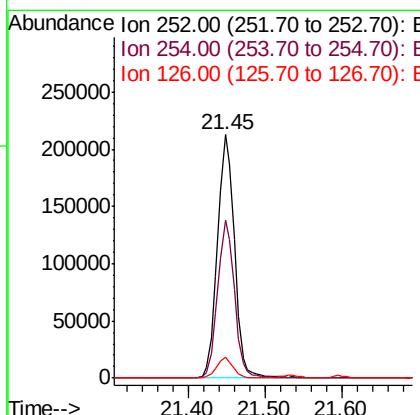
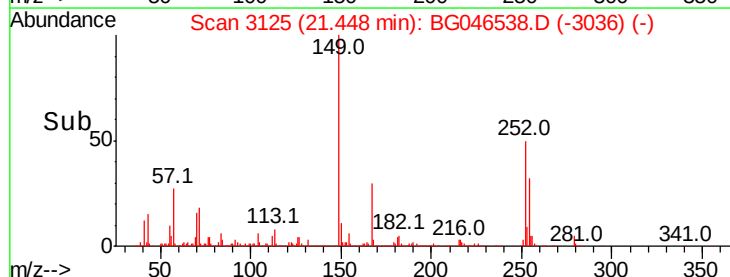
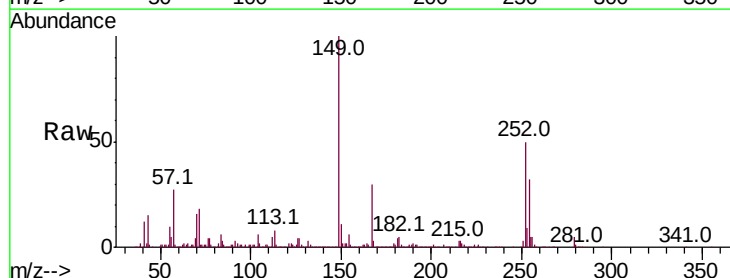
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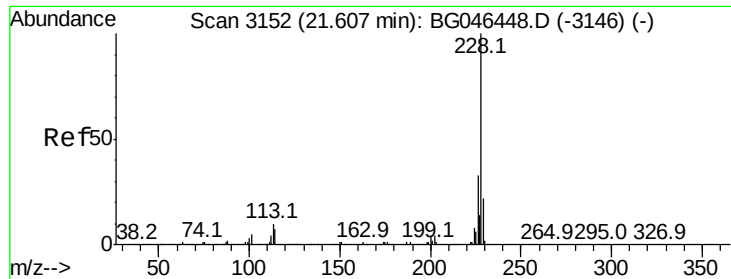
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#82  
3,3'-Dichlorobenzidine  
Concen: 29.804 ng  
RT: 21.45 min Scan# 3125  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.9  | 51.9  | 77.9  |
| 126     | 8.8   | 7.4   | 11.0  |





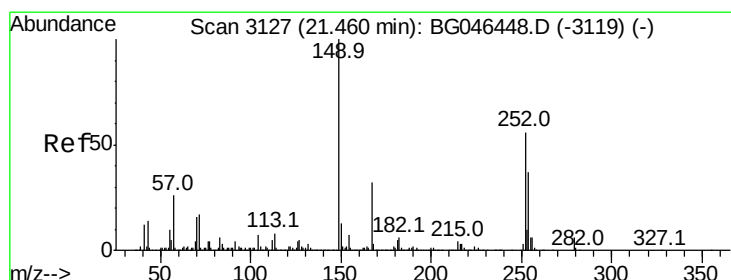
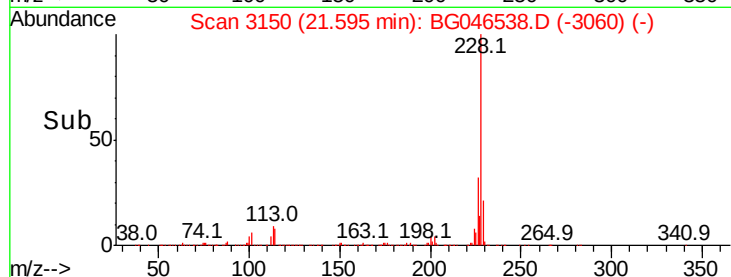
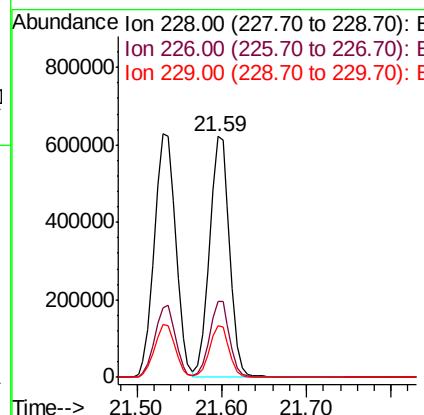
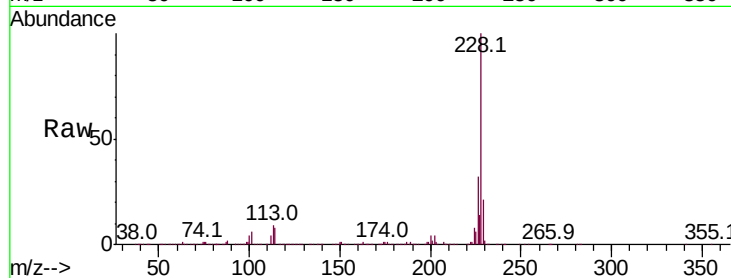
#83  
Chrysene  
Concen: 36.504 ng  
RT: 21.59 min Scan# 3150  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.6  | 26.2  | 39.4  |
| 229     | 21.4  | 17.9  | 26.9  |

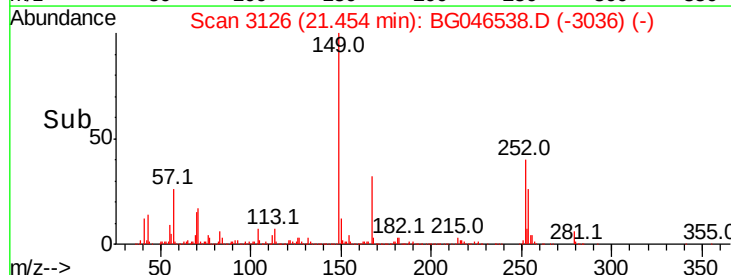
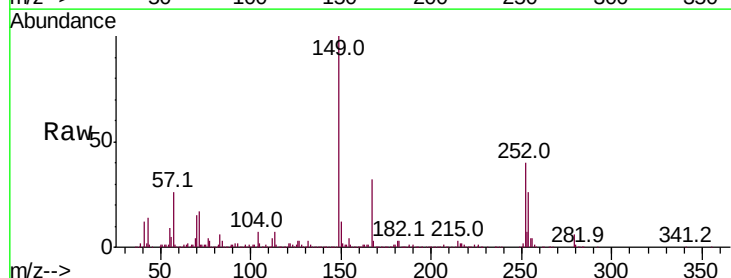
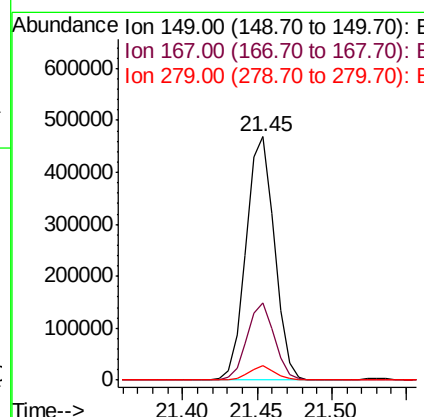
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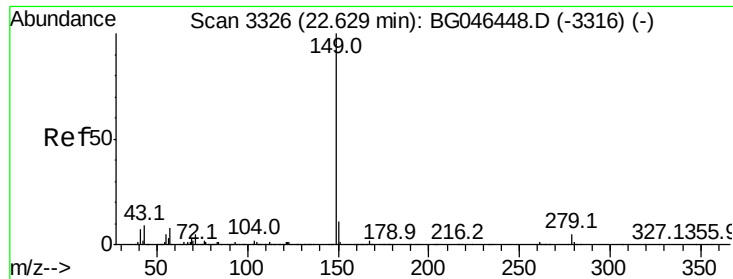
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 38.367 ng  
RT: 21.45 min Scan# 3126  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 31.8  | 25.4  | 38.2  |
| 279     | 5.9   | 4.5   | 6.7   |





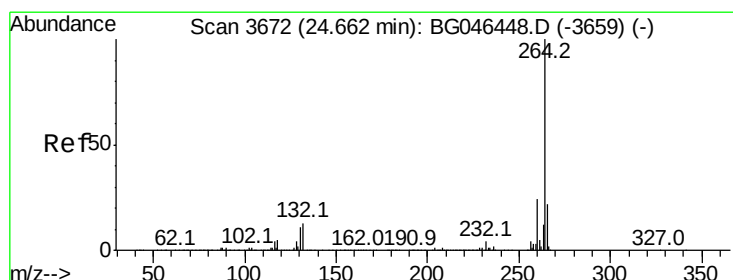
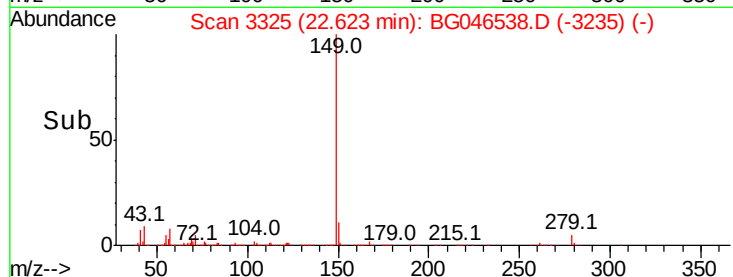
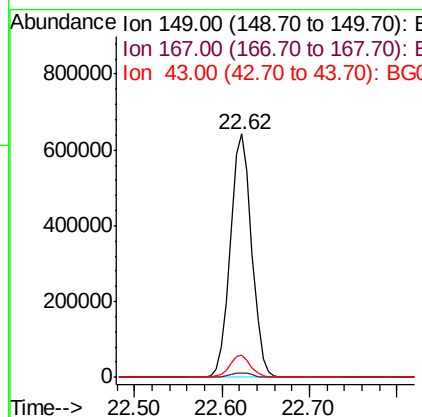
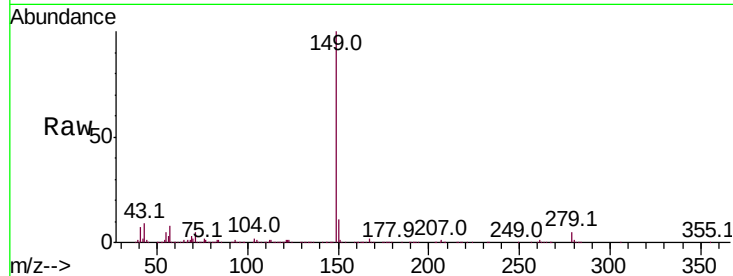
#85  
Di-n-octyl phthalate  
Concen: 38.863 ng  
RT: 22.62 min Scan# 3325  
Delta R.T. -0.00 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.9   | 1.5   | 2.3   |
| 43      | 8.6   | 7.0   | 10.4  |

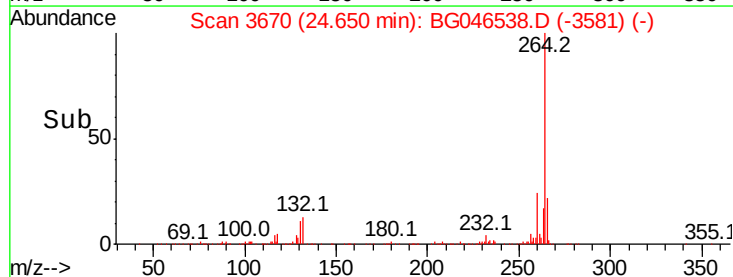
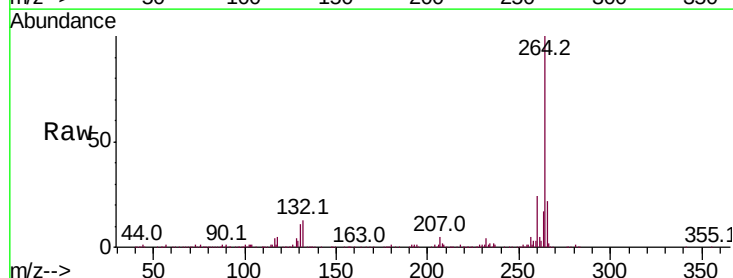
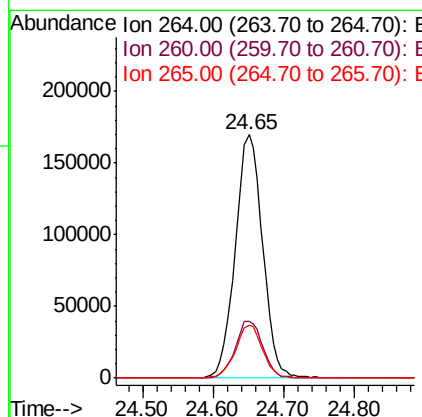
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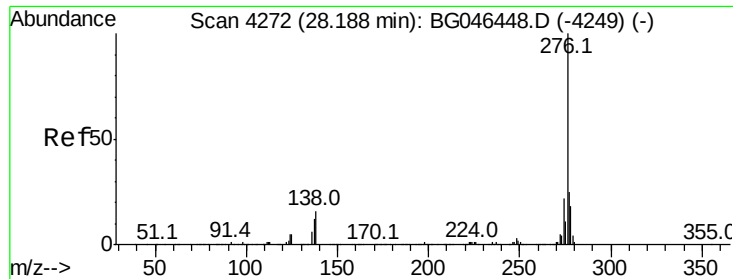
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.65 min Scan# 3670  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.2  | 28.8  |
| 265     | 21.9  | 17.9  | 26.9  |





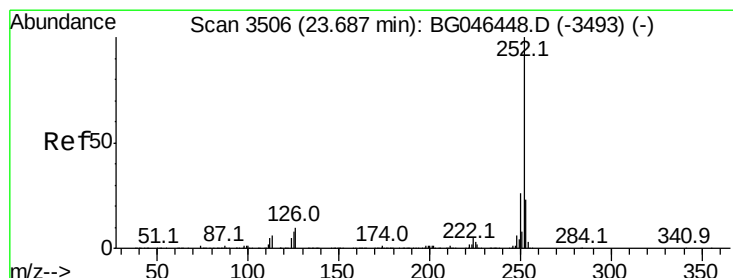
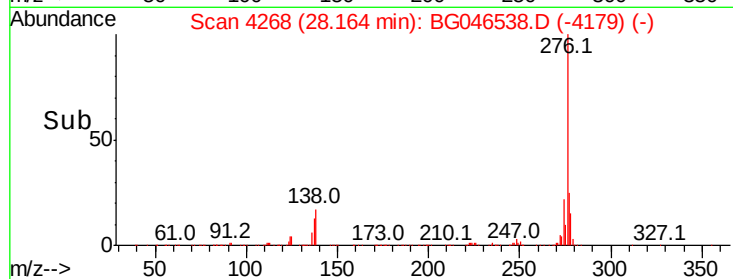
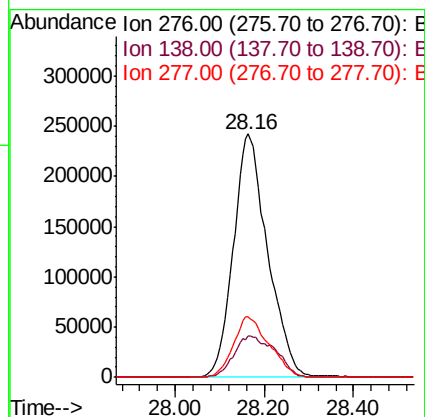
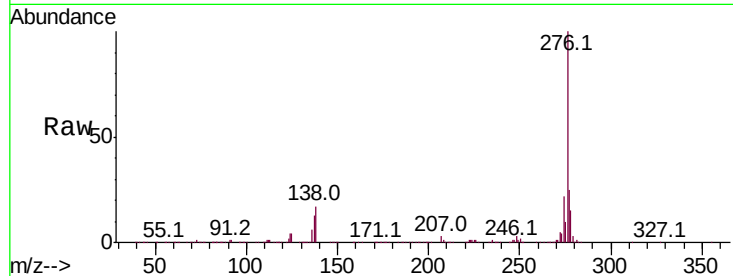
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.366 ng  
 RT: 28.16 min Scan# 4268  
 Delta R.T. -0.01 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 20.7  | 16.5  | 24.7  |
| 277     | 26.0  | 20.7  | 31.1  |

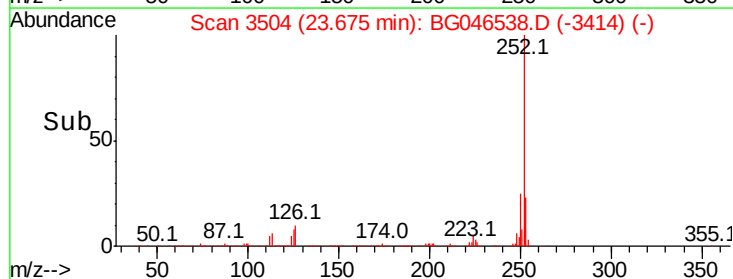
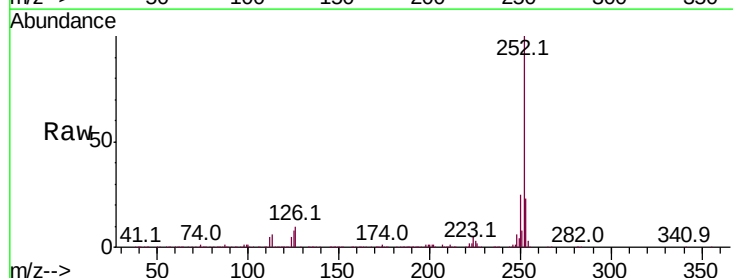
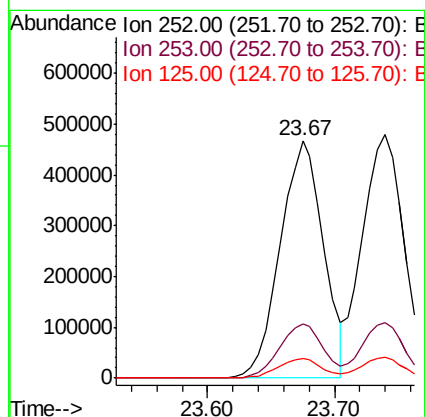
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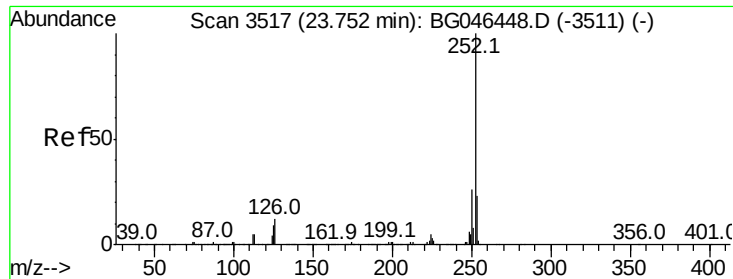


#88  
 Benzo(b)fluoranthene  
 Concen: 38.753 ng  
 RT: 23.67 min Scan# 3504  
 Delta R.T. -0.00 min  
 Lab File: BG046538.D  
 Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.4  |
| 125     | 8.4   | 6.2   | 9.2   |







#89

Benzo(k)fluoranthene

Concen: 39.907 ng

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

Instrument :

BNA\_G

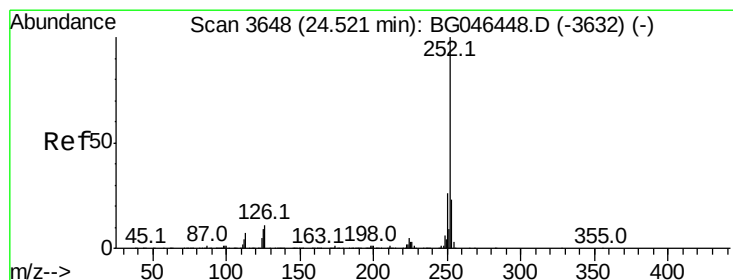
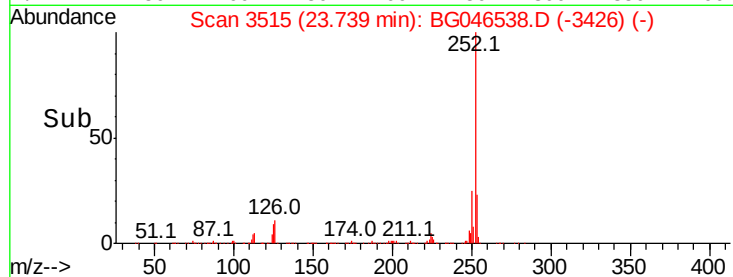
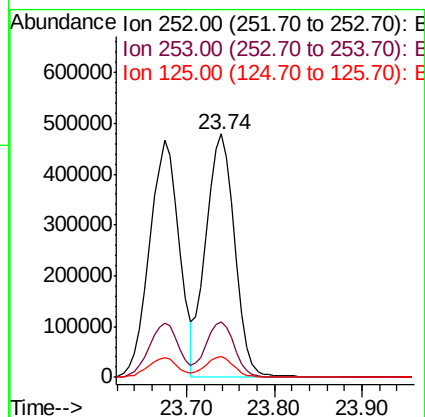
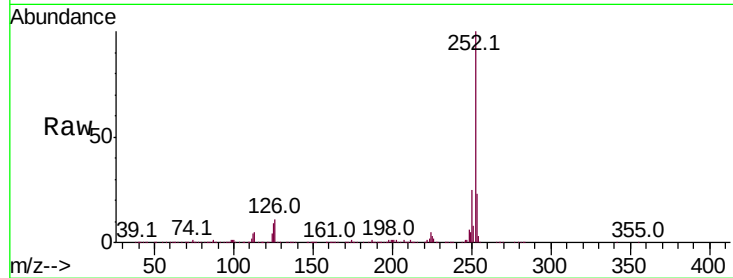
ClientSampleId :

PB131426BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 252   | Resp: | 1101414 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 22.7  | 18.5  | 27.7    |
| 125      | 8.7   | 6.8   | 10.2    |

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#90

Benzo(a)pyrene

Concen: 38.685 ng

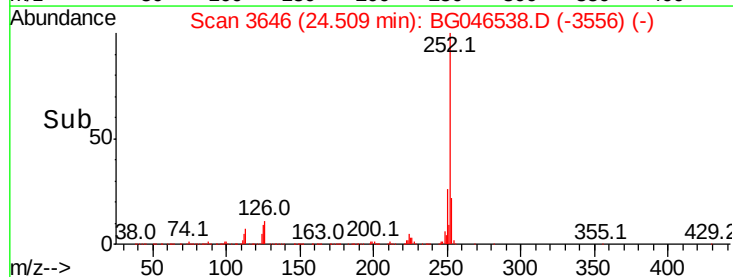
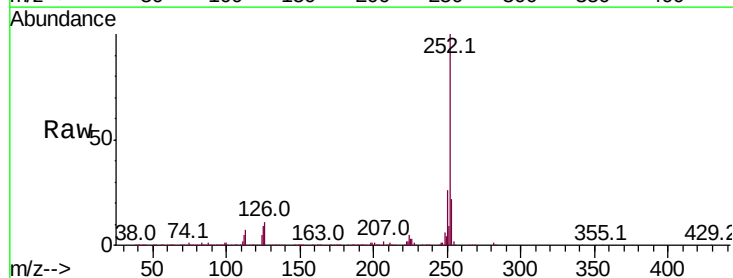
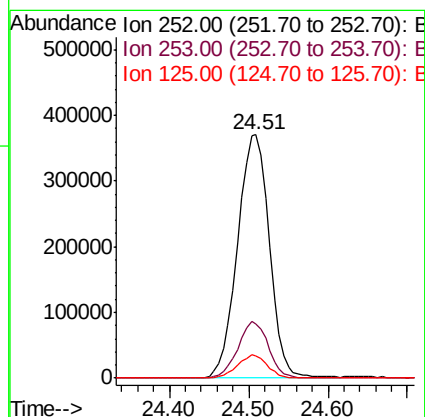
RT: 24.51 min Scan# 3646

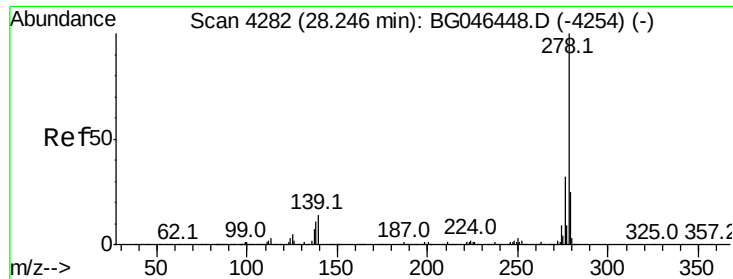
Delta R.T. -0.00 min

Lab File: BG046538.D

Acq: 4 Sep 2020 13:06

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 1030976 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 22.4  | 18.2  | 27.4    |
| 125      | 9.1   | 7.4   | 11.0    |





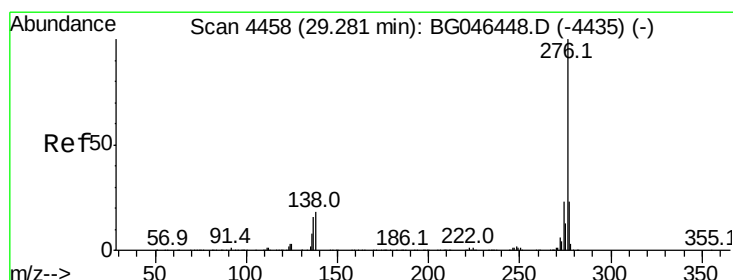
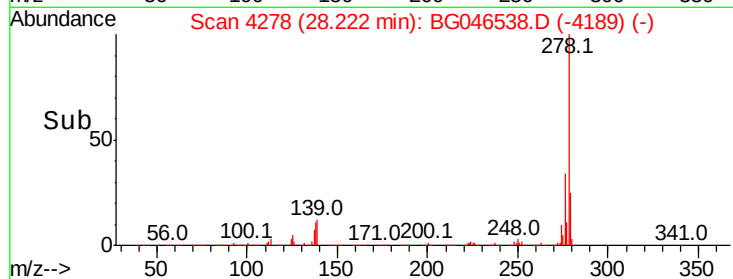
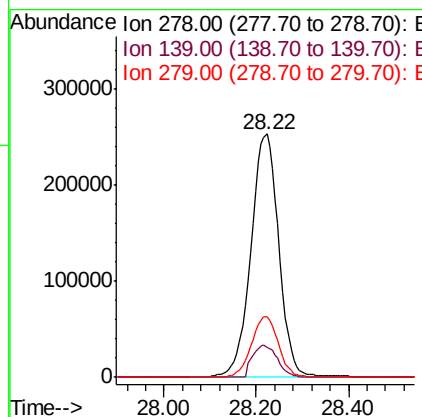
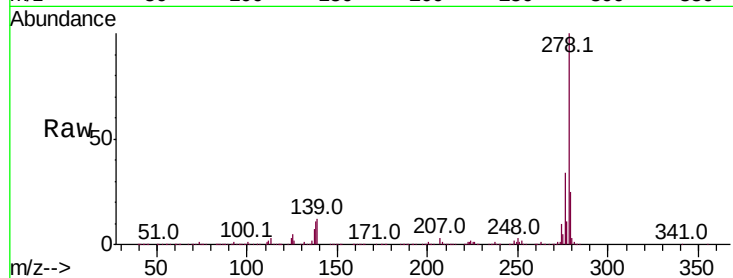
#91  
Dibenzo(a,h)anthracene  
Concen: 40.232 ng  
RT: 28.22 min Scan# 4278  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB131426BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.4  | 11.2  | 16.8  |
| 279     | 24.8  | 19.8  | 29.8  |

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#92  
Benzo(g,h,i)perylene  
Concen: 41.387 ng  
RT: 29.26 min Scan# 4455  
Delta R.T. -0.01 min  
Lab File: BG046538.D  
Acq: 4 Sep 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 18.7  | 28.1  |
| 138     | 17.8  | 14.7  | 22.1  |

