

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\  
 Data File : BG043637.D  
 Acq On : 14 Nov 2019 17:13  
 Operator : JU  
 Sample : K5826-07MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-14B-SMSD

Manual Integrations  
 APPROVED

mohammad  
 11/15/2019 6:00:32 PM

Quant Time: Nov 15 04:15:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 34524    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.80 | 136  | 142076   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.63 | 164  | 101024   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.37 | 188  | 241679   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.64 | 240  | 260096   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 24.82 | 264  | 310114   | 20.00 | ng    | -0.03    |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.59  | 112 | 168696 | 89.54 | ng | 0.00  |
| 7) Phenol-d6                | 7.20  | 99  | 238926 | 88.14 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.16  | 82  | 140806 | 51.09 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 16.12 | 330 | 138817 | 72.21 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 13.25 | 172 | 381653 | 52.20 | ng | -0.02 |
| 79) Terphenyl-d14           | 19.98 | 244 | 727148 | 52.45 | ng | -0.02 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.46  | 88  | 19820  | 26.996 | ng | # 89 |
| 3) Pyridine                    | 3.86  | 79  | 49530  | 26.744 | ng | 100  |
| 4) n-Nitrosodimethylamine      | 3.78  | 42  | 31037  | 33.211 | ng | # 87 |
| 6) Aniline                     | 7.33  | 93  | 47481  | 15.206 | ng | 91   |
| 8) 2-Chlorophenol              | 7.58  | 128 | 72599  | 34.907 | ng | 96   |
| 9) Benzaldehyde                | 7.13  | 77  | 33949  | 25.484 | ng | 94   |
| 10) Phenol                     | 7.23  | 94  | 101037 | 40.790 | ng | 99   |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 57923  | 30.246 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 78116  | 29.978 | ng | 94   |
| 13) 1,4-Dichlorobenzene        | 8.03  | 146 | 77862  | 29.533 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146 | 76160  | 29.586 | ng | 94   |
| 15) Benzyl Alcohol             | 8.25  | 79  | 63868  | 33.549 | ng | 95   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52  | 45  | 80412  | 28.877 | ng | 98   |
| 17) 2-Methylphenol             | 8.47  | 107 | 61758  | 34.201 | ng | 96   |
| 18) Hexachloroethane           | 9.08  | 117 | 27545  | 28.959 | ng | 95   |
| 19) n-Nitroso-di-n-propylamine | 8.80  | 70  | 51166  | 29.211 | ng | 93   |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 80218  | 32.397 | ng | # 81 |
| 22) Acetophenone               | 8.82  | 105 | 103033 | 28.318 | ng | # 92 |
| 24) Nitrobenzene               | 9.20  | 77  | 80484  | 30.658 | ng | # 97 |
| 25) Isophorone                 | 9.72  | 82  | 144764 | 28.732 | ng | 98   |
| 26) 2-Nitrophenol              | 9.91  | 139 | 41312  | 32.595 | ng | 96   |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 68231  | 37.561 | ng | 95   |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 79861  | 28.719 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 75137  | 32.282 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.66 | 180 | 84501  | 28.805 | ng | 98   |
| 31) Naphthalene                | 10.85 | 128 | 222299 | 30.825 | ng | 98   |
| 32) Benzoic acid               | 10.17 | 122 | 31880  | 27.700 | ng | 96   |
| 33) 4-Chloroaniline            | 10.98 | 127 | 28470  | 9.631  | ng | 93   |
| 34) Hexachlorobutadiene        | 11.13 | 225 | 61207  | 28.225 | ng | 92   |
| 35) Caprolactam                | 11.73 | 113 | 24098m | 30.062 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 80782  | 31.819 | ng | 98   |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 168581 | 30.466 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.67 | 142 | 159879 | 30.367 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 110525 | 29.562 | ng | 100  |

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Manual Integrations  
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mohammad  
 11/15/2019 6:00:32 PM

Quant Time: Nov 15 04:15:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.80 | 237  | 94262    | 47.995 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.07 | 196  | 67780    | 30.784 | ng    | 91       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 72246    | 32.456 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.46 | 154  | 229110   | 29.811 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.50 | 162  | 174259   | 29.800 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.72 | 65   | 52204    | 29.870 | ng    | 91       |
| 49) Acenaphthylene             | 14.35 | 152  | 289200   | 31.777 | ng    | 99       |
| 50) Dimethylphthalate          | 14.08 | 163  | 277469   | 35.459 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.20 | 165  | 51826    | 30.486 | ng    | 96       |
| 52) Acenaphthene               | 14.69 | 154  | 170353   | 30.694 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.54 | 138  | 24695    | 15.046 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.75 | 184  | 48616    | 48.911 | ng    | 89       |
| 55) Dibenzofuran               | 15.02 | 168  | 278135   | 30.903 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 69056    | 62.785 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 14.99 | 165  | 73432    | 30.226 | ng    | # 92     |
| 58) Fluorene                   | 15.68 | 166  | 233849   | 30.979 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.26 | 232  | 71868m   | 30.388 | ng    |          |
| 60) Diethylphthalate           | 15.44 | 149  | 226290   | 28.781 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.66 | 204  | 130334   | 29.596 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.71 | 138  | 46499    | 27.433 | ng    | 91       |
| 63) Azobenzene                 | 15.96 | 77   | 196010   | 30.804 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 15.76 | 198  | 42120    | 29.614 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.88 | 169  | 205337   | 30.094 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.56 | 248  | 92297    | 28.378 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.68 | 284  | 105110   | 28.154 | ng    | 95       |
| 69) Atrazine                   | 16.83 | 200  | 89078    | 37.571 | ng    | 98       |
| 70) Pentachlorophenol          | 17.04 | 266  | 81979    | 48.190 | ng    | 97       |
| 71) Phenanthrene               | 17.42 | 178  | 368624   | 29.786 | ng    | 99       |
| 72) Anthracene                 | 17.51 | 178  | 382391   | 30.882 | ng    | 98       |
| 73) Carbazole                  | 17.79 | 167  | 331843   | 29.595 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.33 | 149  | 403067   | 29.626 | ng    | 99       |
| 75) Fluoranthene               | 19.42 | 202  | 483412   | 29.962 | ng    | 98       |
| 77) Benzidine                  | 19.61 | 184  | 259718   | 49.616 | ng    | 100      |
| 78) Pyrene                     | 19.79 | 202  | 496025   | 30.810 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.67 | 149  | 182435   | 29.910 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.62 | 228  | 511534   | 31.397 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 107731   | 17.096 | ng    | 97       |
| 83) Chrysene                   | 21.69 | 228  | 495403   | 30.604 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 271693   | 31.357 | ng    | 96       |
| 85) Di-n-octyl phthalate       | 22.71 | 149  | 470341   | 31.996 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.46 | 276  | 646174   | 31.801 | ng    | # 98     |
| 88) Benzo(b)fluoranthene       | 23.81 | 252  | 531353   | 30.253 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.88 | 252  | 547222   | 30.949 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.67 | 252  | 500544   | 29.844 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.50 | 278  | 547239   | 31.899 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.59 | 276  | 540393   | 31.934 | ng    | 96       |

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





#1

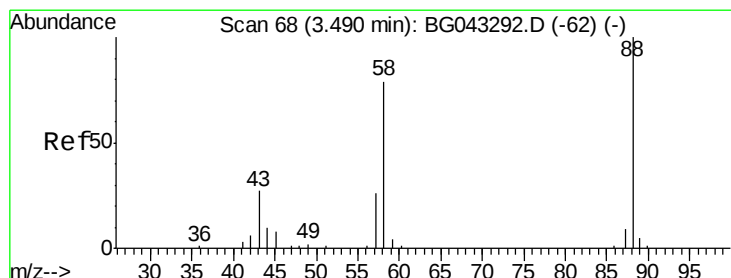
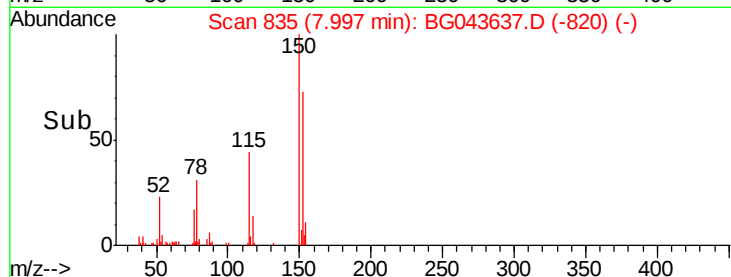
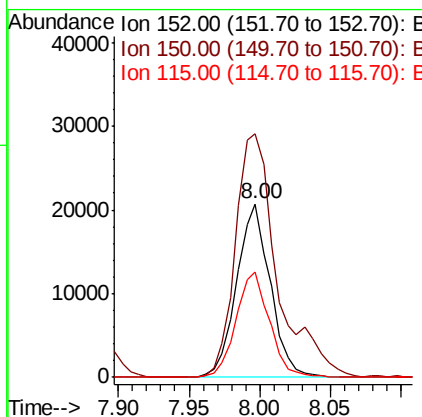
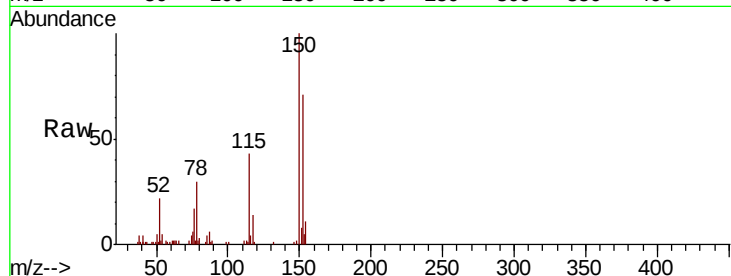
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 835  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 140.2 | 129.4 | 194.0 |
| 115     | 60.8  | 48.8  | 73.2  |

Manual Integrations  
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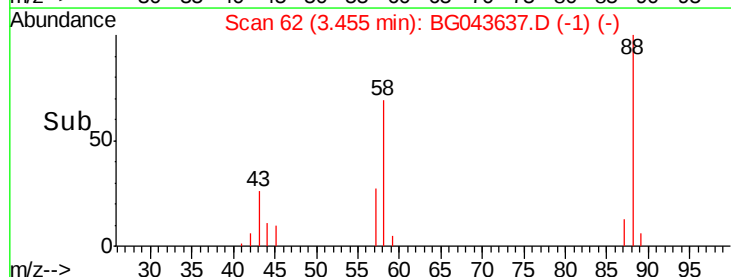
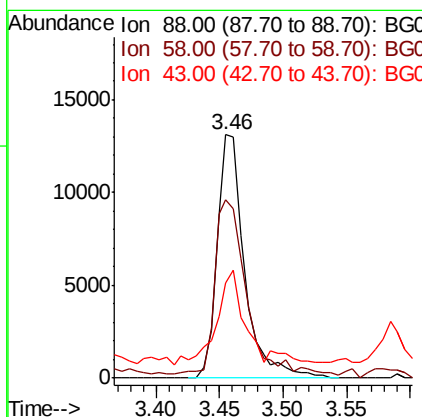
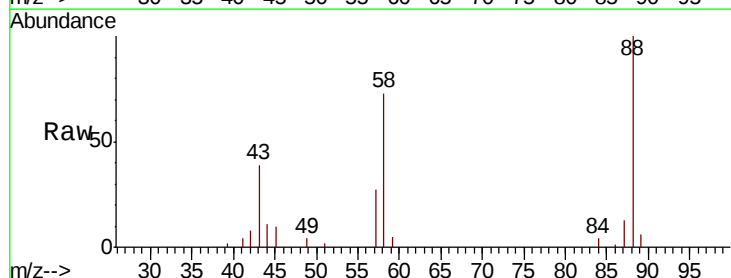
mohammad  
11/15/2019 6:00:32 PM



#2

1,4-Dioxane  
Concen: 26.996 ng  
RT: 3.46 min Scan# 62  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 86.2  | 62.7  | 94.1  |
| 43      | 38.5  | 23.7  | 35.5  |





#3

Pvridine

Concen: 26.744 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

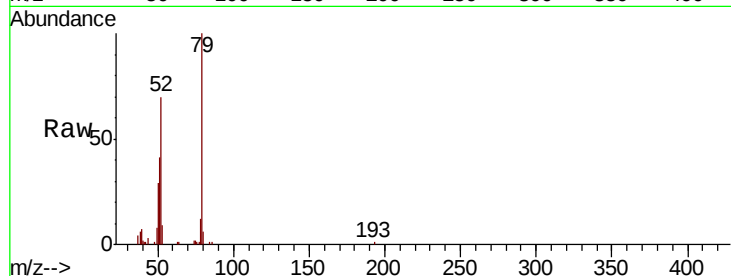
ClientSampleId :

TP-14B-SMSD

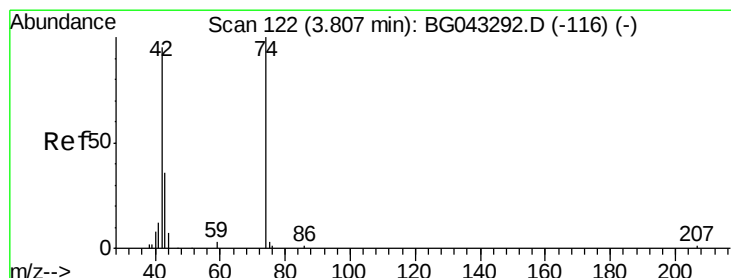
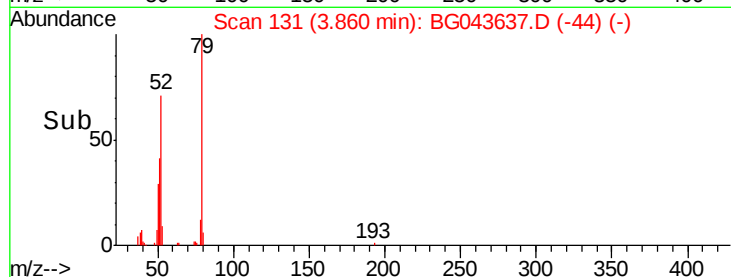
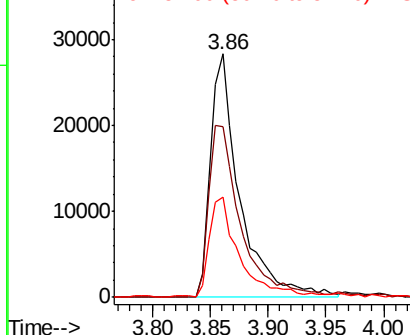
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 49530 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 70.2  | 56.5  | 84.7  |
| 51        | 41.3  | 33.2  | 49.8  |

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Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 33.211 ng

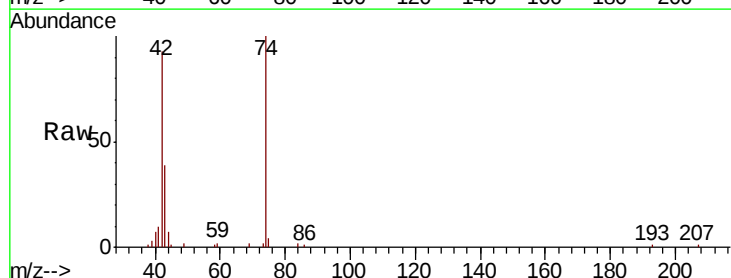
RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

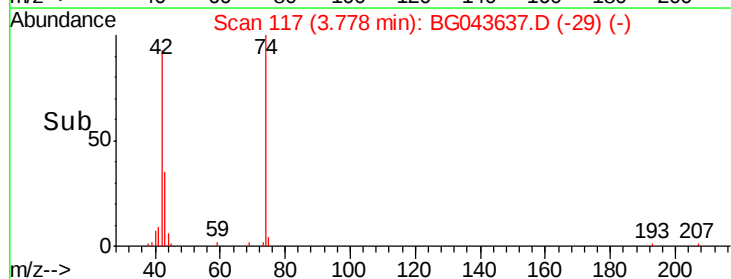
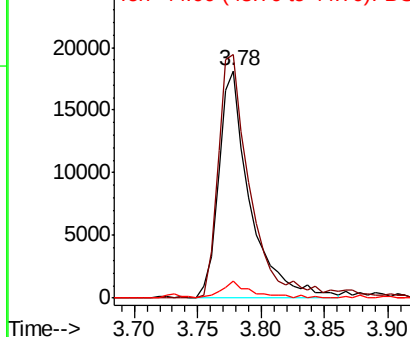
Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 31037 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 107.0 | 97.3  | 145.9 |
| 44        | 7.4   | 4.4   | 6.6#  |



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 89.540 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

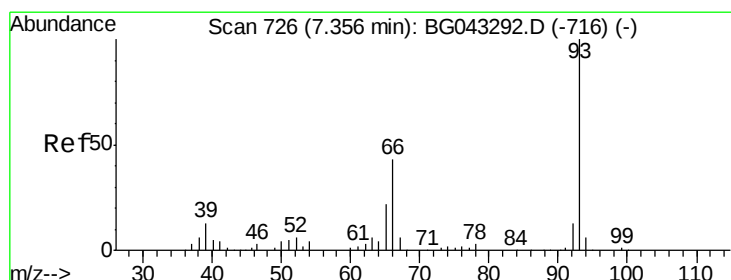
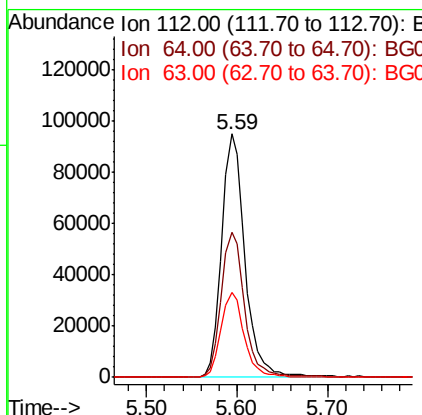
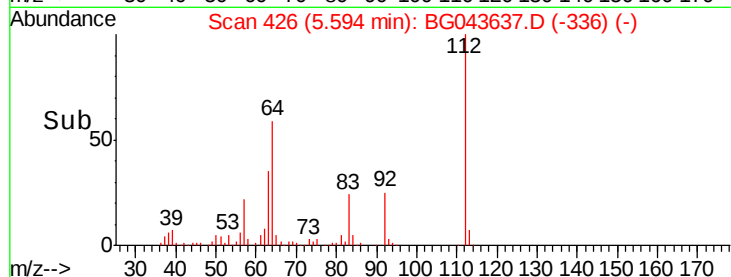
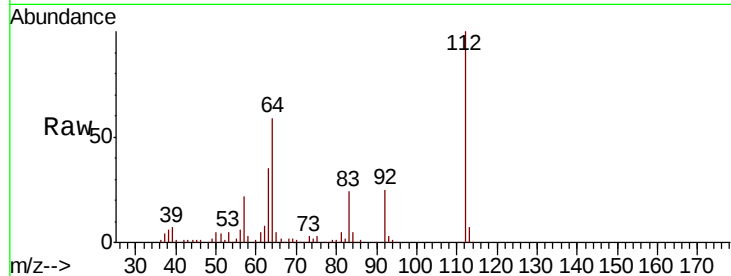
ClientSampleId :

TP-14B-SMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 168696 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.5  | 50.0  | 75.0   |
| 63        | 34.8  | 26.6  | 40.0   |

Manual Integrations  
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#6

Aniline

Concen: 15.206 ng

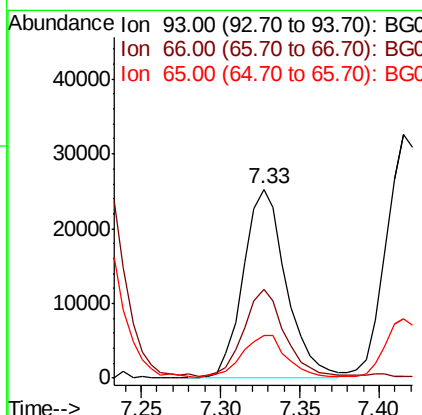
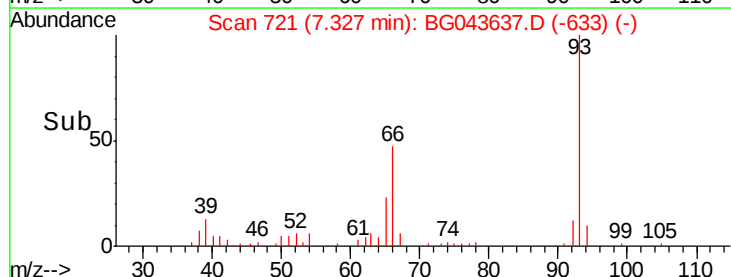
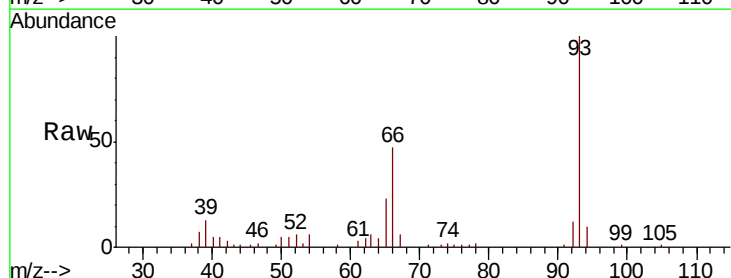
RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 47481 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 47.0  | 32.3  | 48.5  |
| 65        | 22.9  | 16.1  | 24.1  |





#7

Phenol-d6

Concen: 88.142 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

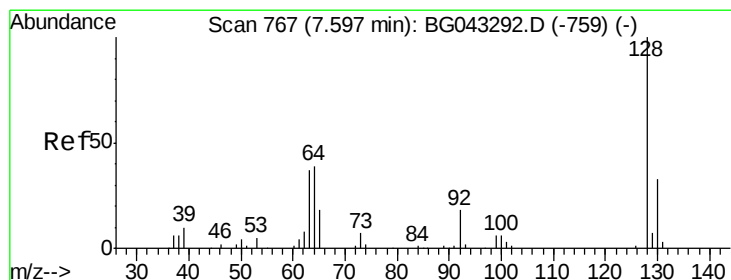
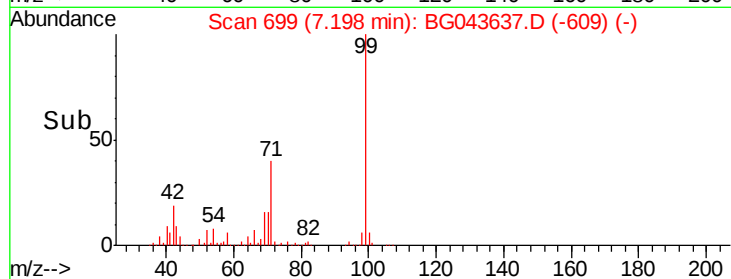
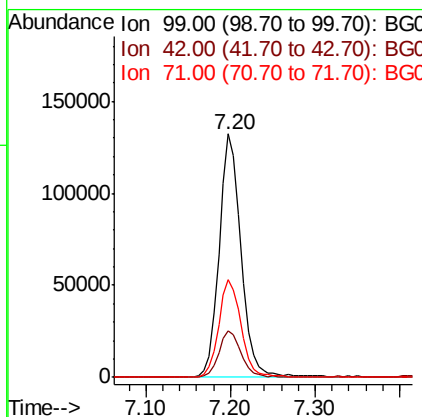
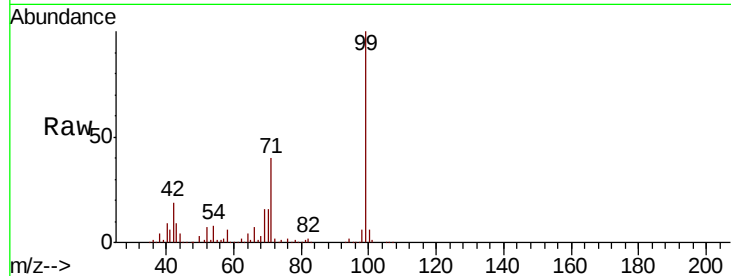
ClientSampleId :

TP-14B-SMSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 238926 |       |       |
| 42      | 19.1 | 14.6  | 21.8   |       |       |
| 71      | 40.0 | 32.5  | 48.7   |       |       |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 34.907 ng

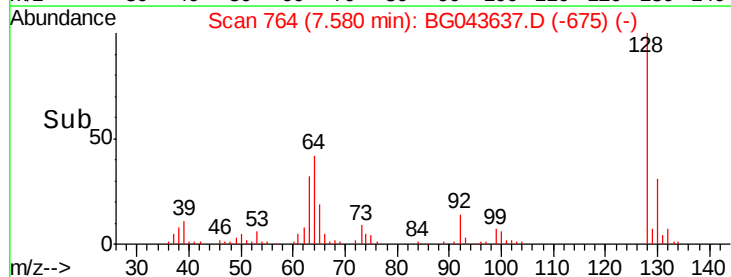
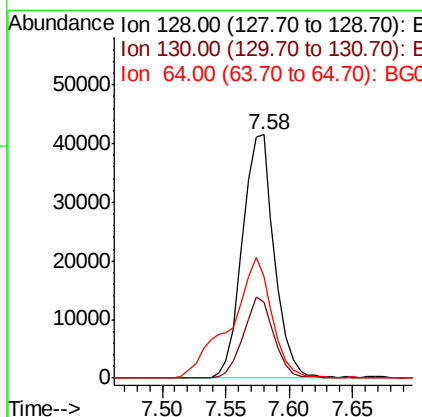
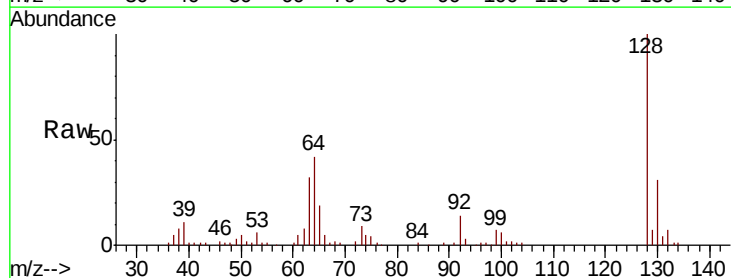
RT: 7.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 128     | 100  |       | 72599 |       |       |
| 130     | 31.0 | 12.5  | 52.5  |       |       |
| 64      | 41.6 | 25.3  | 65.3  |       |       |





#9

Benzaldehyde

Concen: 25.484 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

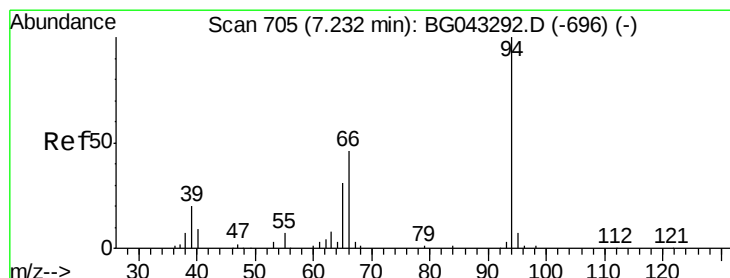
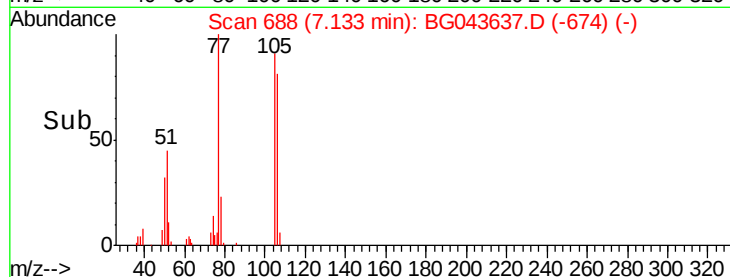
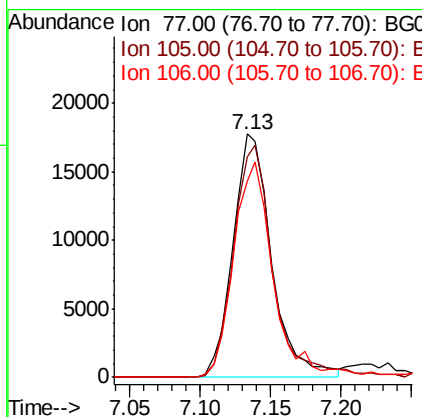
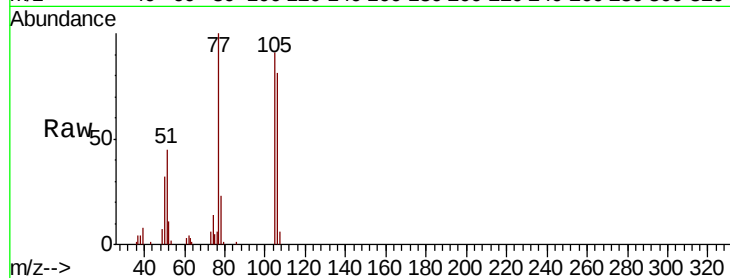
ClientSampleId :

TP-14B-SMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 33949 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 90.5  | 68.6  | 108.6 |
| 106      | 80.8  | 69.9  | 109.9 |

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#10

Phenol

Concen: 40.790 ng

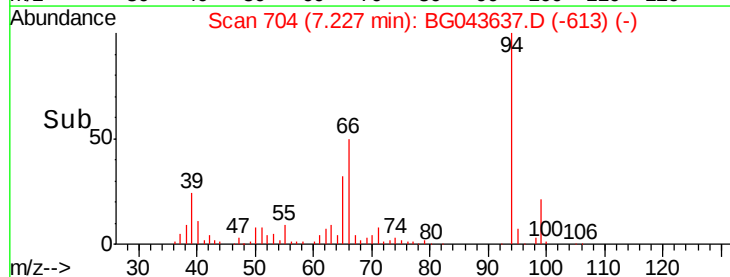
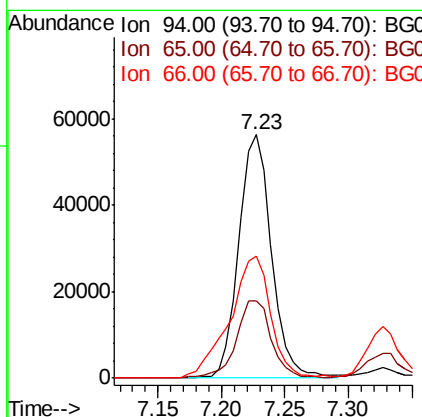
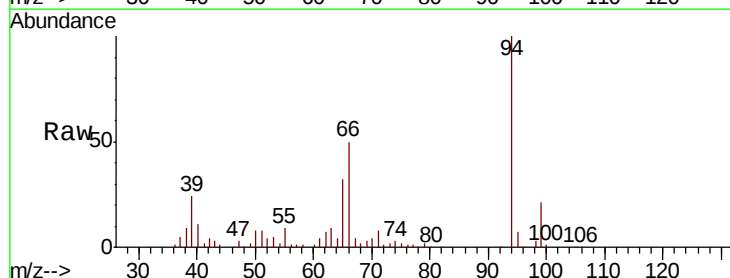
RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 101037 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 31.9  | 12.6  | 52.6   |
| 66       | 50.2  | 30.7  | 70.7   |





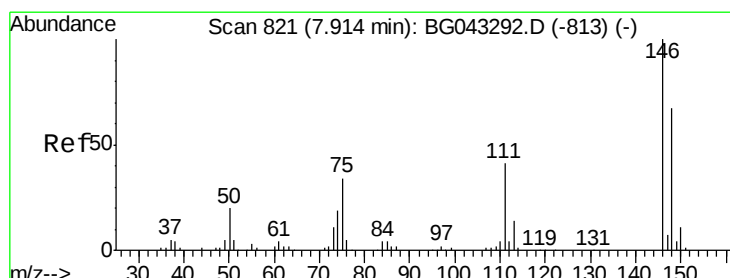
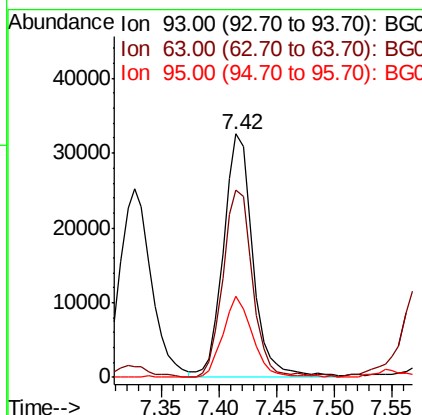
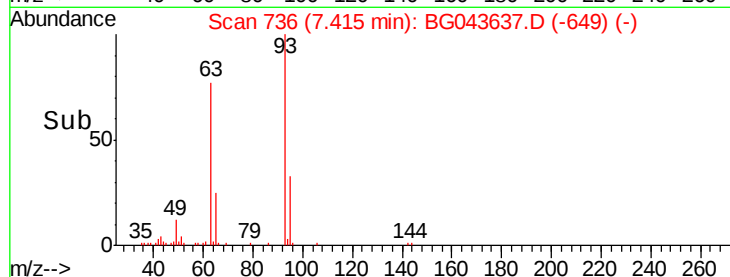
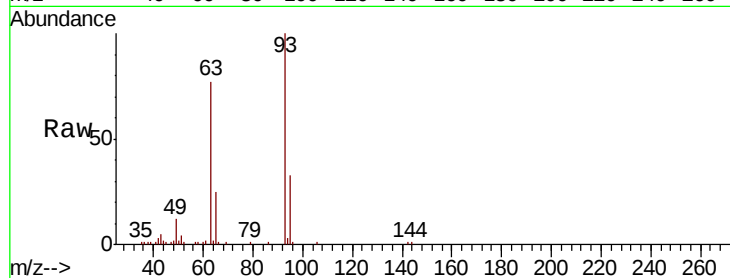
#11  
bis(2-Chloroethyl)ether  
Concen: 30.246 ng  
RT: 7.42 min Scan# 736  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.8  | 56.3  | 96.3  |
| 95      | 33.2  | 12.2  | 52.2  |

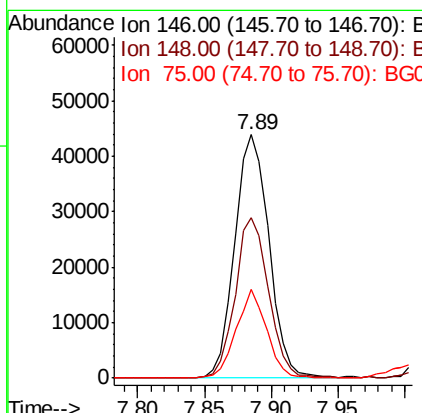
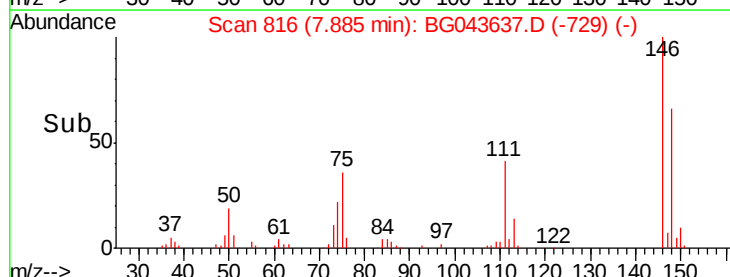
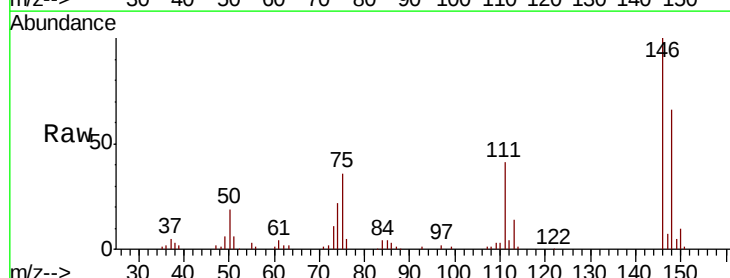
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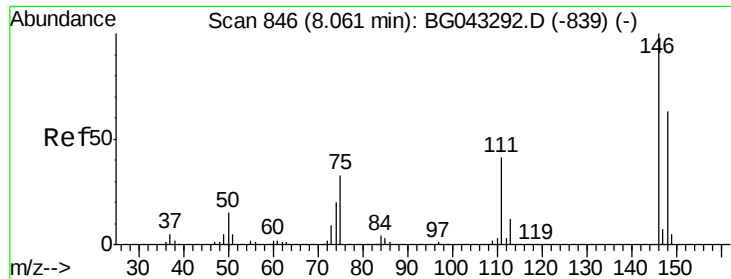
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 29.978 ng  
RT: 7.89 min Scan# 816  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.0  | 50.3  | 75.5  |
| 75      | 36.2  | 24.6  | 37.0  |





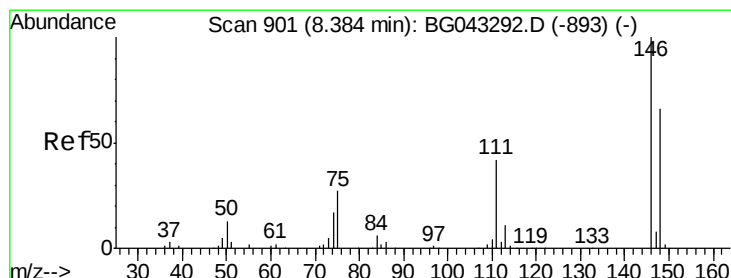
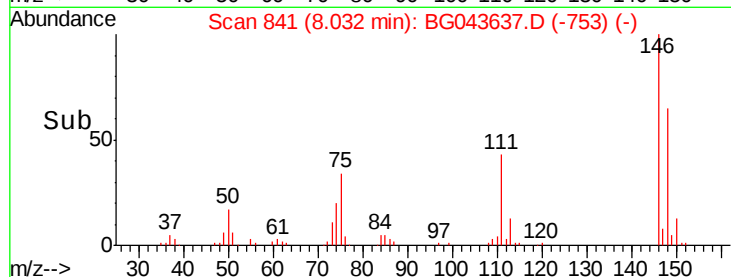
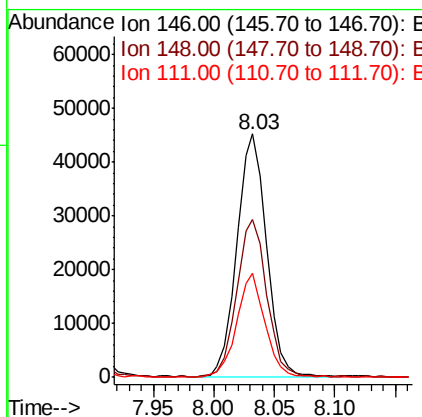
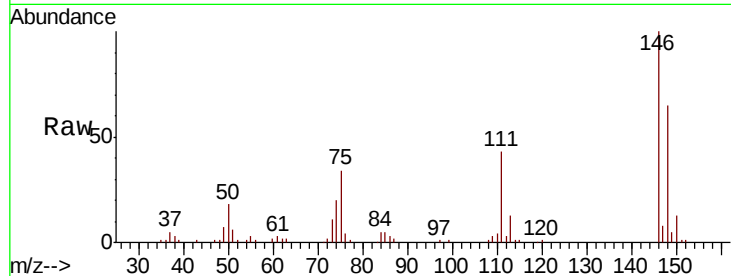
#13  
 1,4-Dichlorobenzene  
 Concen: 29.533 ng  
 RT: 8.03 min Scan# 841  
 Delta R.T. -0.01 min  
 Lab File: BG043637.D  
 Acq: 14 Nov 2019 17:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 50.7  | 76.1  |
| 111     | 42.6  | 33.4  | 50.2  |

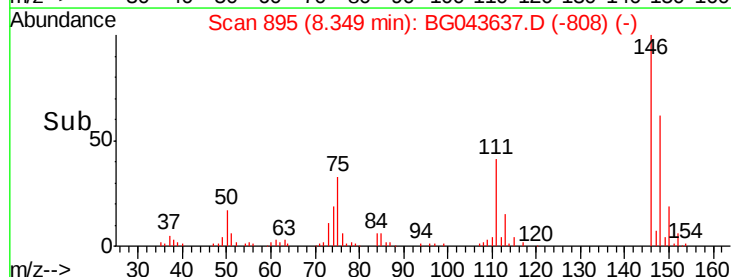
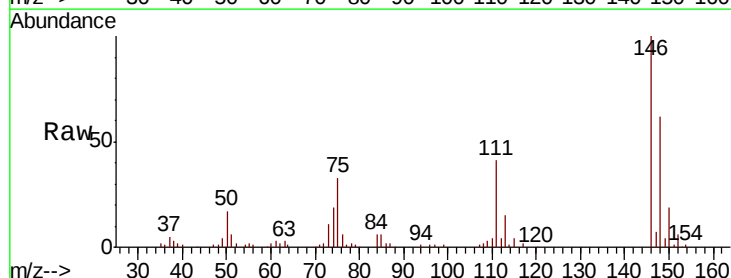
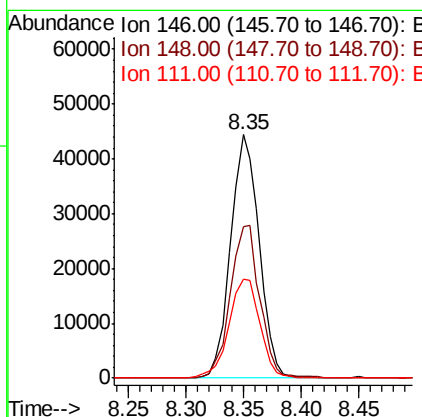
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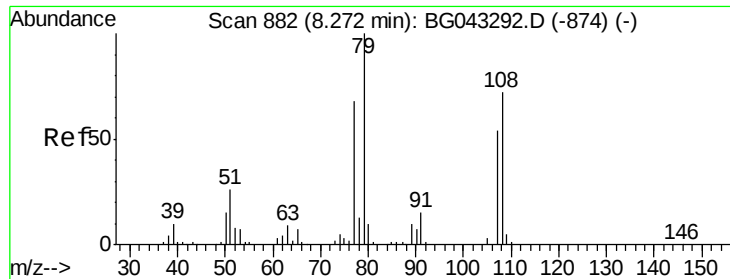
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#14  
 1,2-Dichlorobenzene  
 Concen: 29.586 ng  
 RT: 8.35 min Scan# 895  
 Delta R.T. -0.02 min  
 Lab File: BG043637.D  
 Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.4  | 53.2  | 79.8  |
| 111     | 40.5  | 35.8  | 53.6  |





#15

Benzyl Alcohol

Concen: 33.549 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

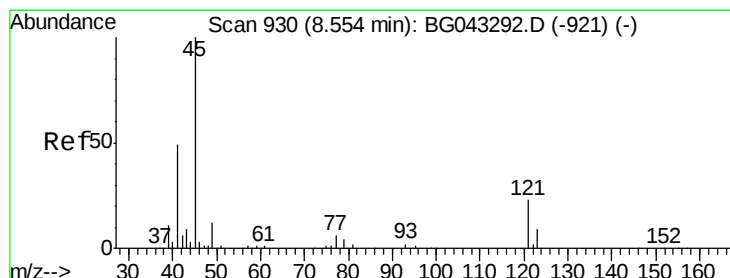
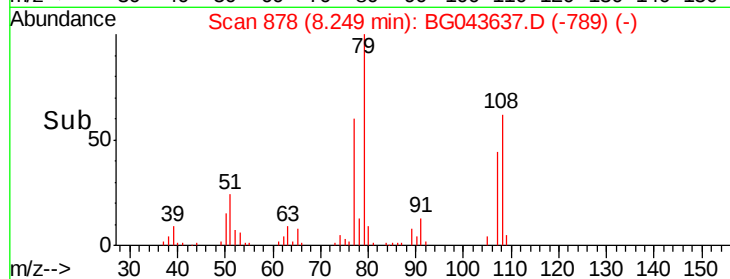
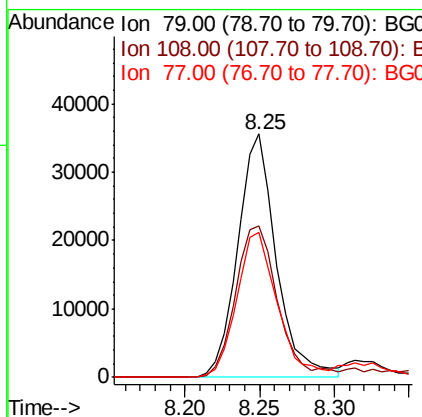
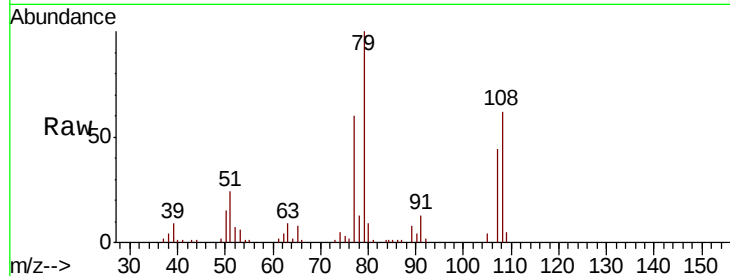
ClientSampleId :

TP-14B-SMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 63868 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 62.0  | 53.6  | 80.4  |
| 77        | 59.6  | 49.6  | 74.4  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.877 ng

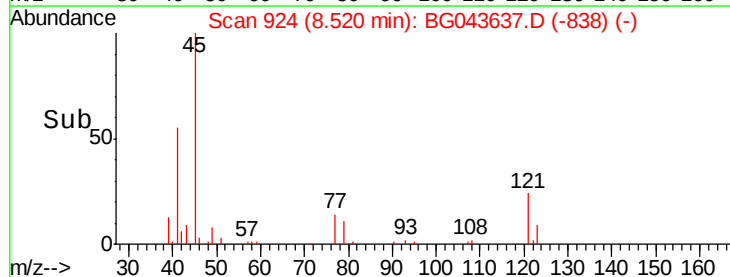
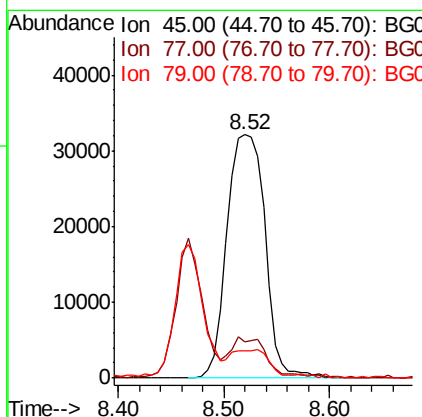
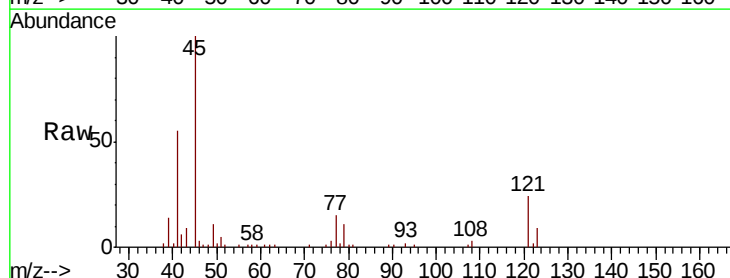
RT: 8.52 min Scan# 924

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 80412 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 15.1  | 0.0   | 34.9  |
| 79        | 11.4  | 0.0   | 33.0  |





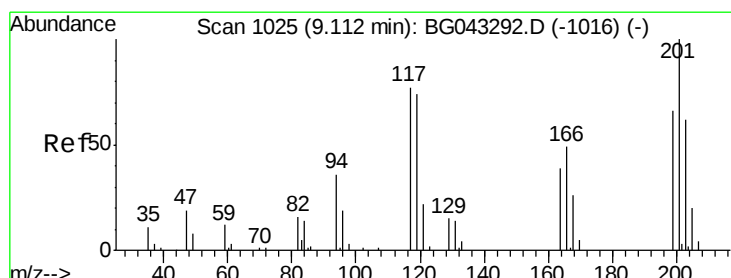
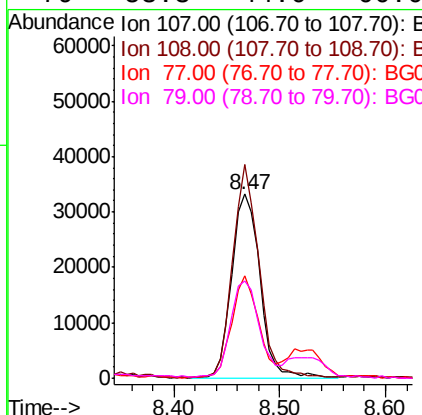
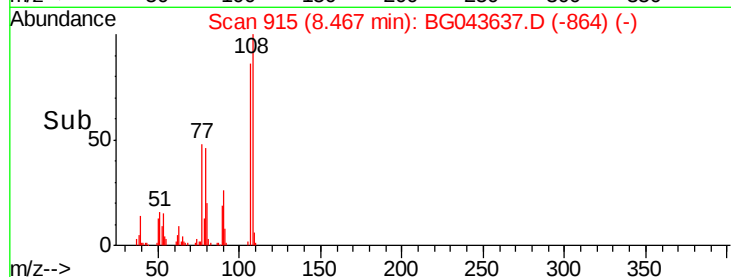
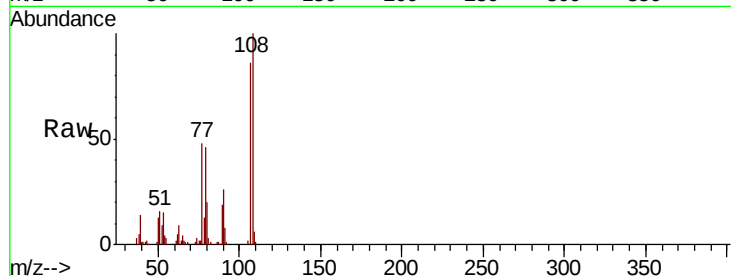
#17  
2-Methylphenol  
Concen: 34.201 ng  
RT: 8.47 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 61758 |       |       |
| 108     | 116.2 | 90.2  | 135.4 |       |
| 77      | 55.7  | 40.2  | 60.2  |       |
| 79      | 53.3  | 44.0  | 66.0  |       |

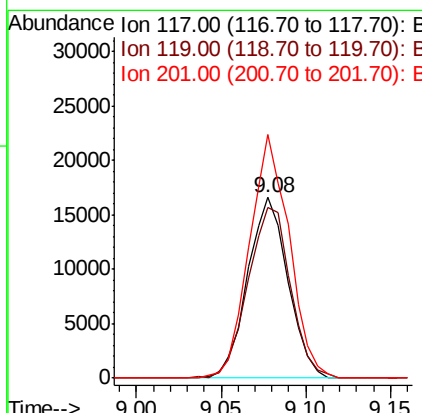
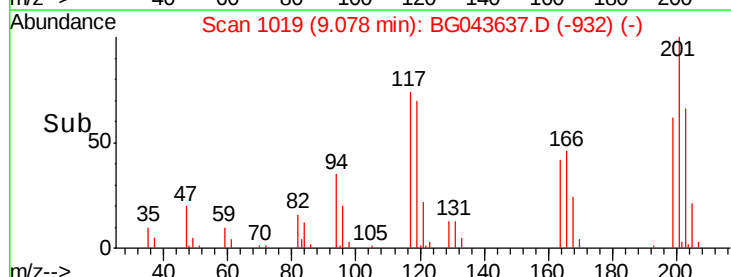
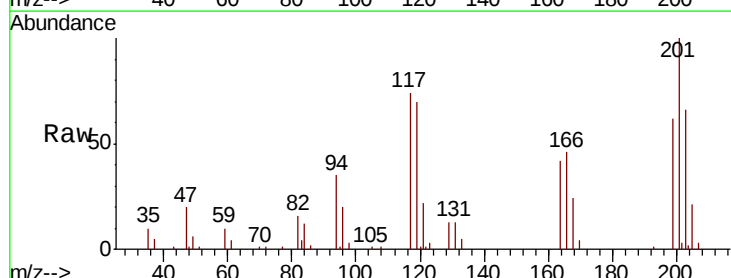
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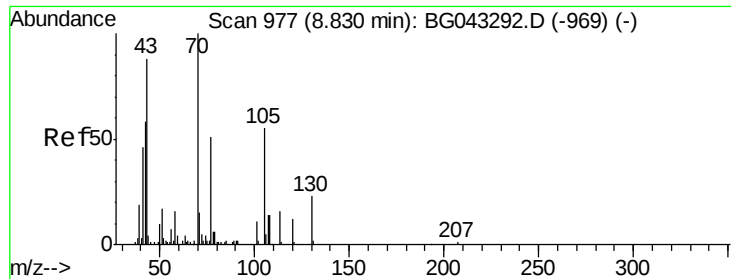
mohammad  
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#18  
Hexachloroethane  
Concen: 28.959 ng  
RT: 9.08 min Scan# 1019  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 27545 |       |       |
| 119     | 94.6  | 79.0  | 118.4 |       |
| 201     | 138.7 | 105.4 | 158.2 |       |





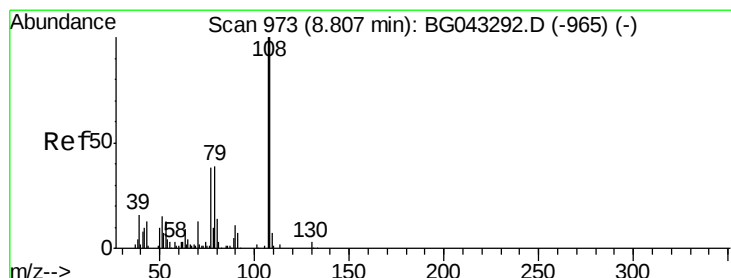
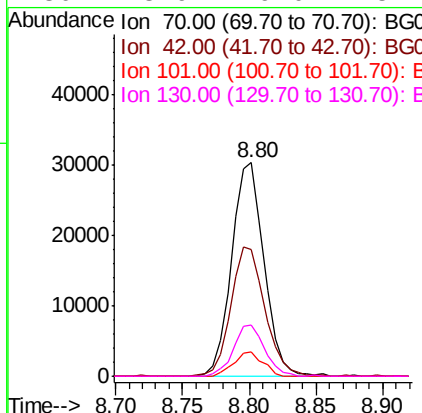
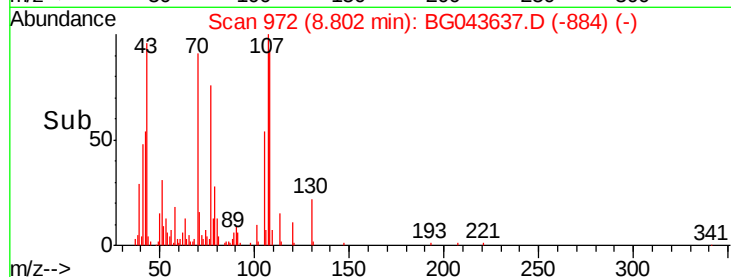
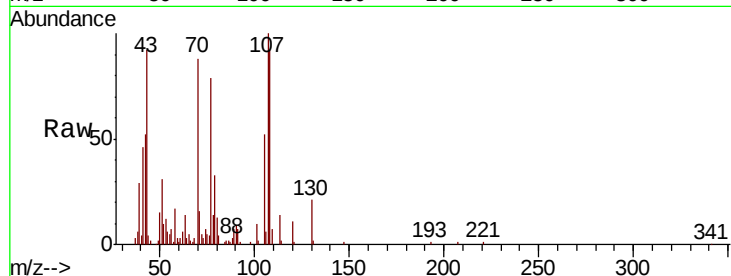
#19  
n-Nitroso-di-n-propylamine  
Concen: 29.211 ng  
RT: 8.80 min Scan# 972  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 59.2 | 41.4  | 62.2  |       |
| 101     | 11.2 | 7.9   | 11.9  |       |
| 130     | 23.9 | 19.0  | 28.4  |       |

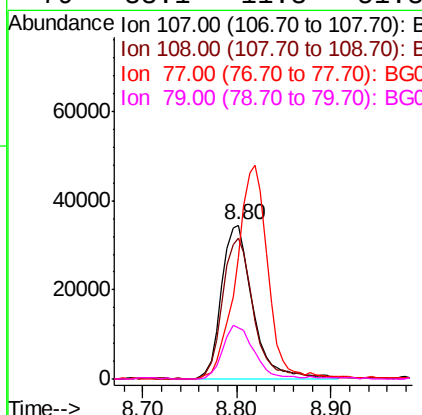
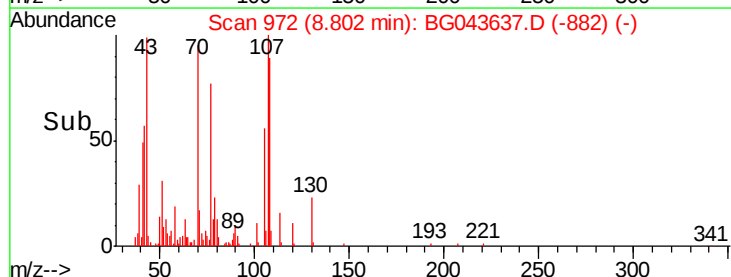
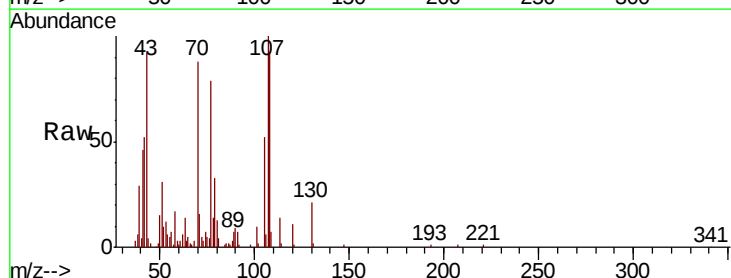
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#20  
3+4-Methylphenols  
Concen: 32.397 ng  
RT: 8.80 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 91.9 | 66.6  | 106.6 |       |
| 77      | 78.7 | 20.9  | 60.9  |       |
| 79      | 33.1 | 11.3  | 51.3  |       |





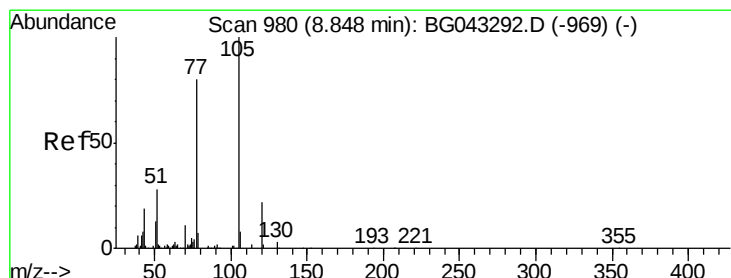
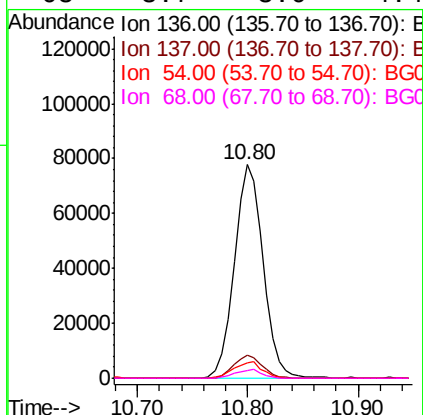
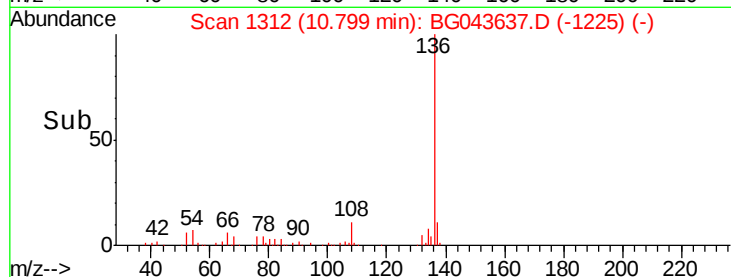
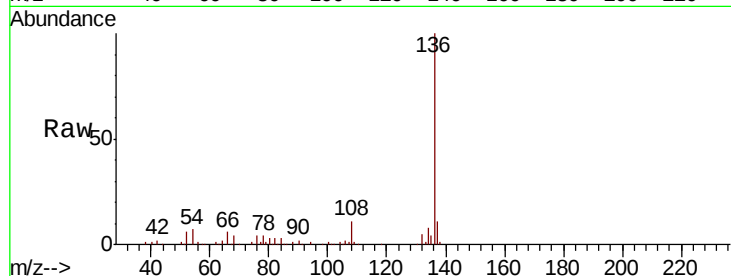
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.80 min Scan# 1312  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 142076 |       |       |
| 137     | 11.0 | 8.7   | 13.1   |       |       |
| 54      | 7.4  | 5.4   | 8.2    |       |       |
| 68      | 3.7  | 3.0   | 4.4    |       |       |

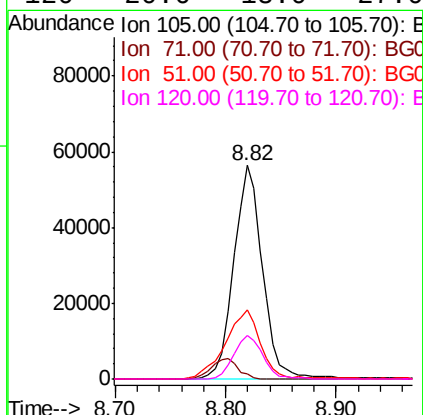
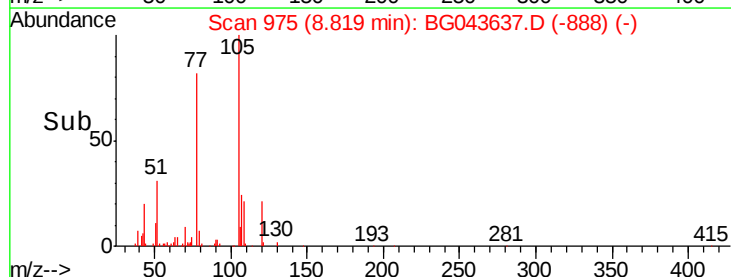
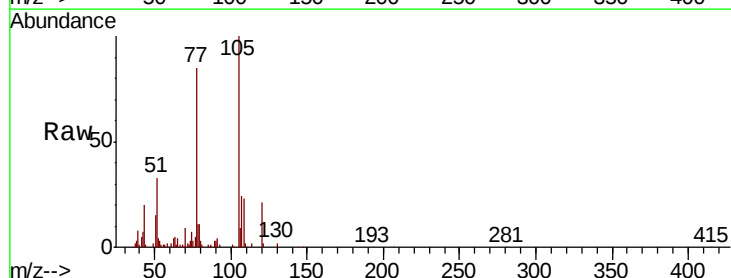
Manual Integrations  
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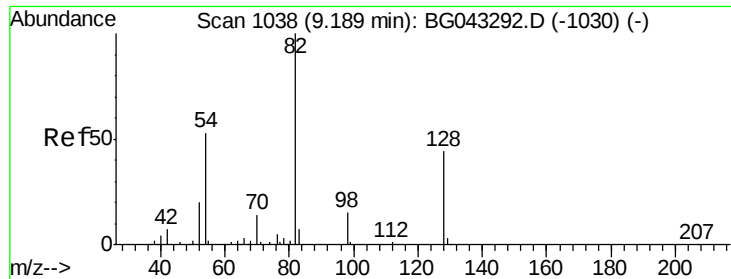
mohammad  
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#22  
Acetophenone  
Concen: 28.318 ng  
RT: 8.82 min Scan# 975  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 103033 |       |       |
| 71      | 2.2  | 0.8   | 1.2#   |       |       |
| 51      | 32.6 | 21.0  | 31.4#  |       |       |
| 120     | 20.6 | 18.0  | 27.0   |       |       |





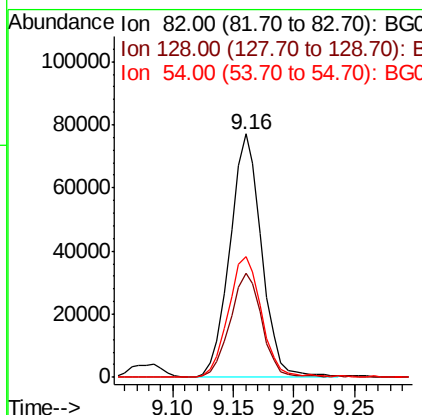
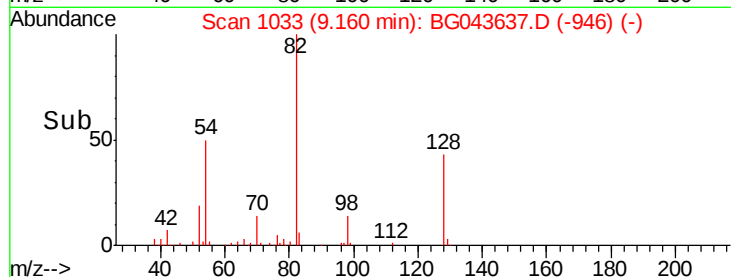
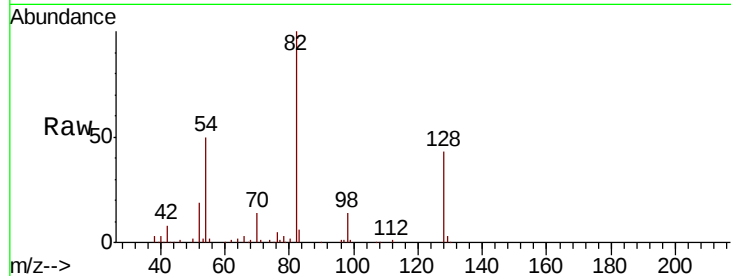
#23  
Nitrobenzene-d5  
Concen: 51.094 ng  
RT: 9.16 min Scan# 1033  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.6  | 35.0  | 52.6  |
| 54      | 49.8  | 40.2  | 60.2  |

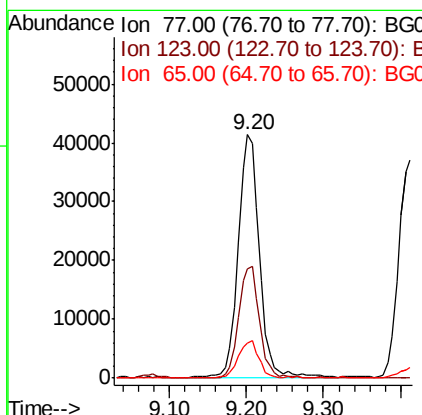
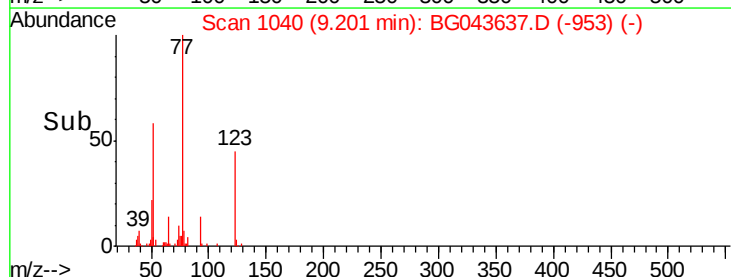
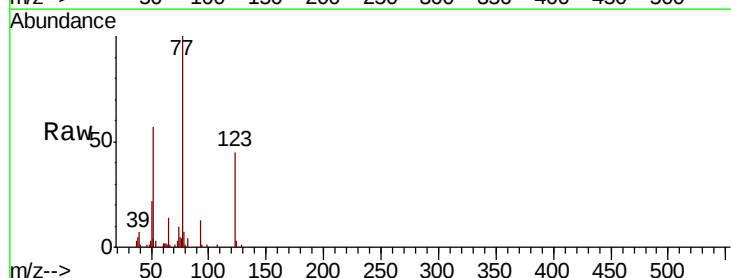
Manual Integrations  
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#24  
Nitrobenzene  
Concen: 30.658 ng  
RT: 9.20 min Scan# 1040  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.7  | 35.0  | 52.6  |
| 65      | 14.4  | 9.5   | 14.3# |





#25

Isophorone

Concen: 28.732 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

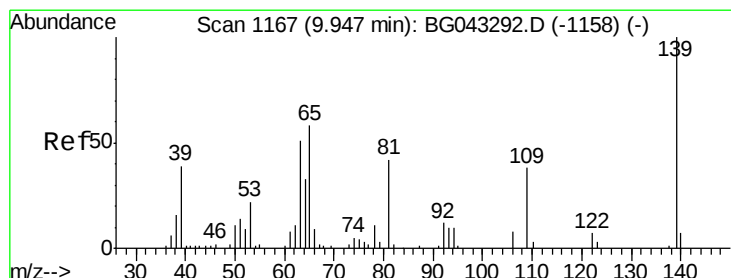
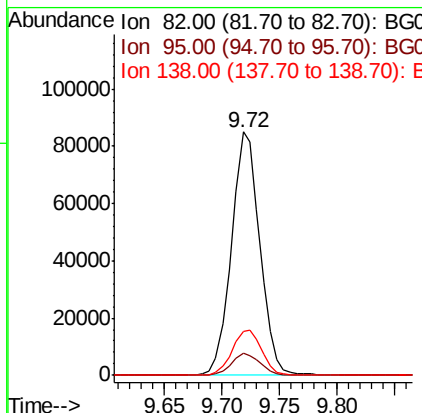
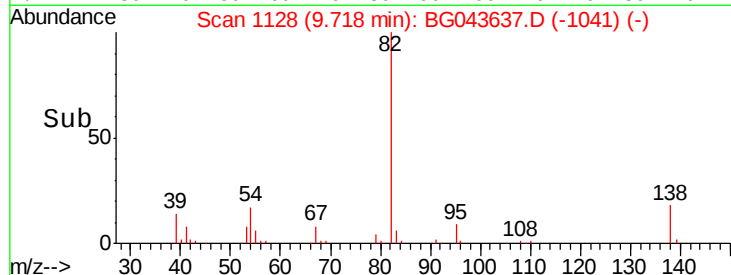
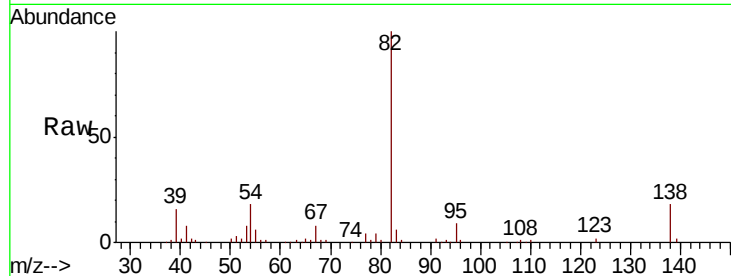
ClientSampleId :

TP-14B-SMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 144764 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 9.0   | 6.6   | 9.8    |
| 138       | 17.9  | 15.2  | 22.8   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 32.595 ng

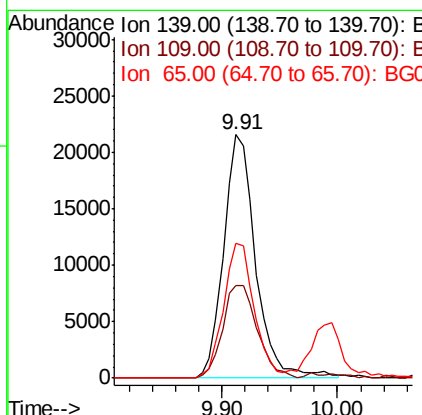
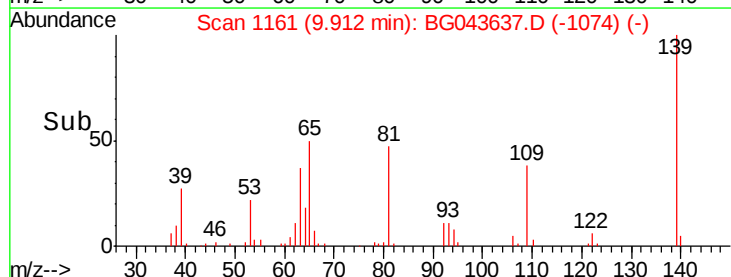
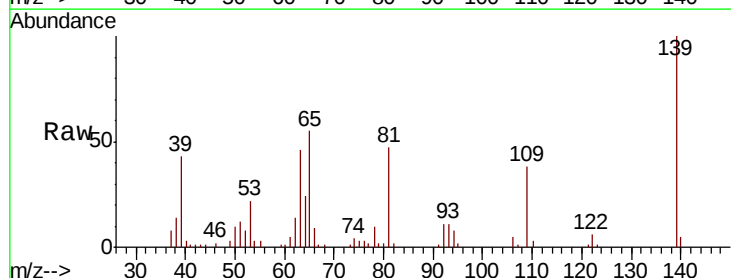
RT: 9.91 min Scan# 1161

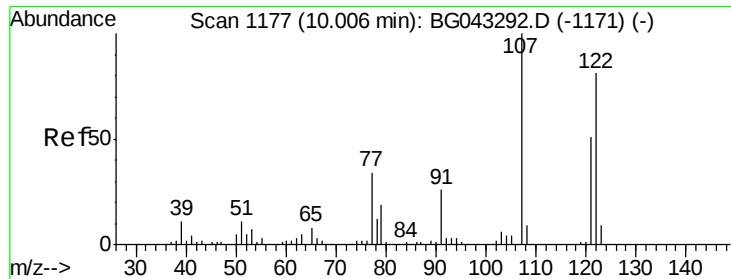
Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 41312 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 38.2  | 26.5  | 39.7  |
| 65        | 55.3  | 43.8  | 65.8  |





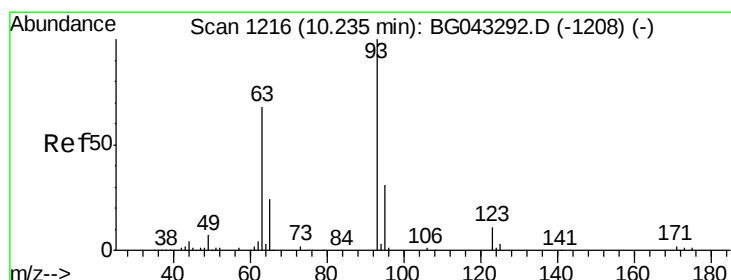
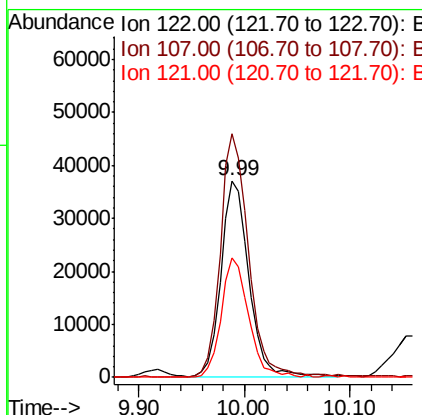
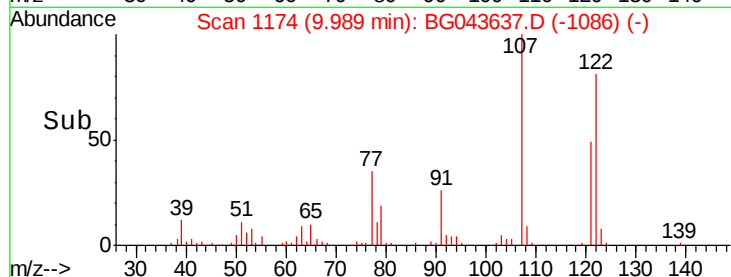
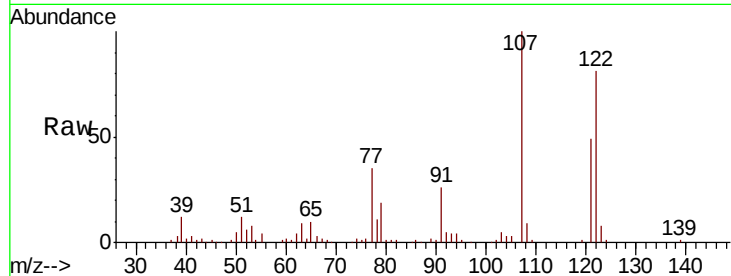
#27  
2,4-Dimethylphenol  
Concen: 37.561 ng  
RT: 9.99 min Scan# 1174  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 122     | 100   |       | 68231 |       |       |
| 107     | 123.8 | 104.4 | 156.6 |       |       |
| 121     | 60.6  | 47.2  | 70.8  |       |       |

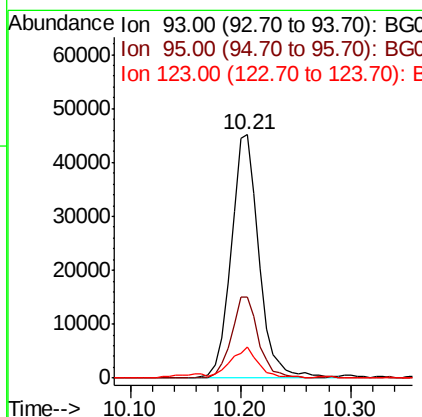
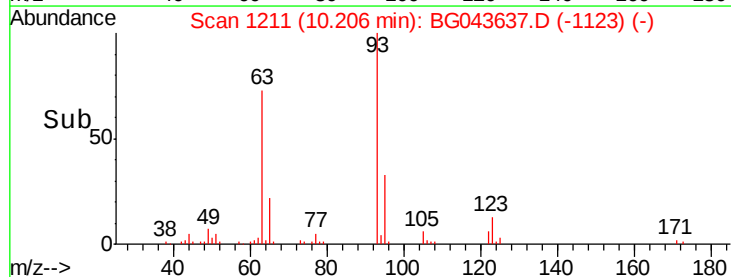
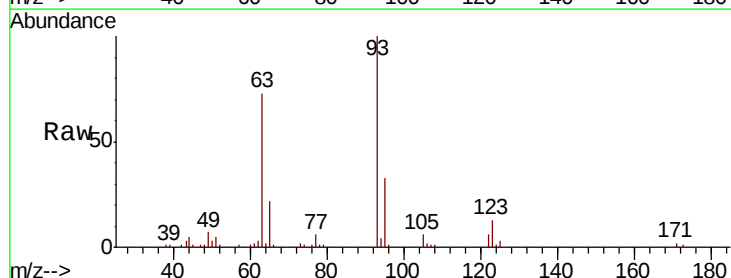
Manual Integrations  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 28.719 ng  
RT: 10.21 min Scan# 1211  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 93      | 100  |       | 79861 |       |       |
| 95      | 33.1 | 26.0  | 39.0  |       |       |
| 123     | 12.9 | 10.6  | 15.8  |       |       |





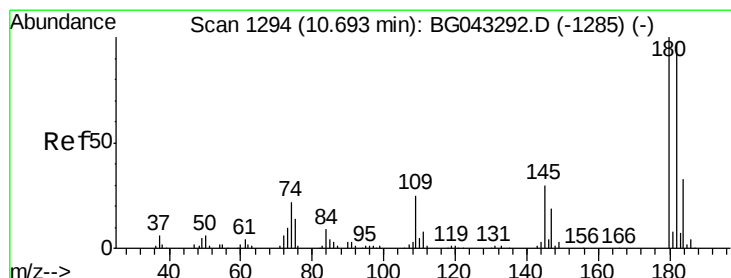
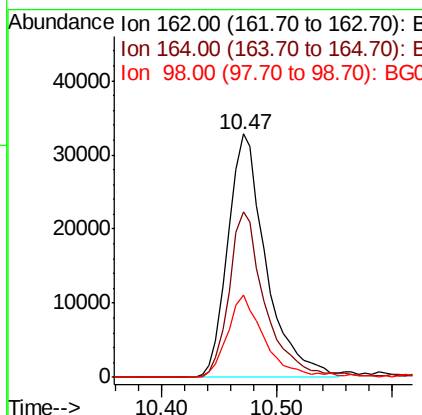
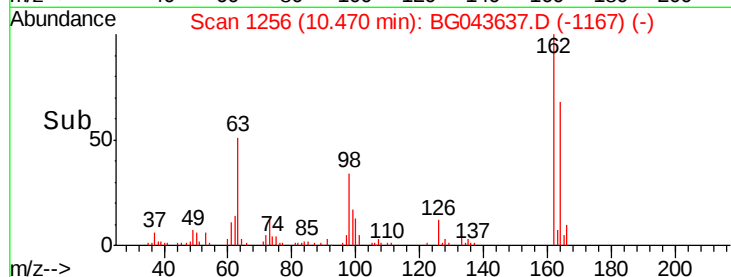
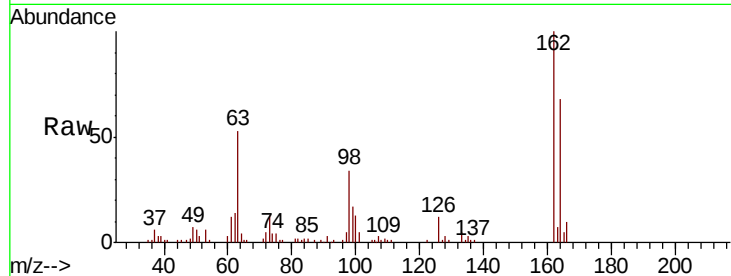
#29  
2,4-Dichlorophenol  
Concen: 32.282 ng  
RT: 10.47 min Scan# 1256  
Delta R.T. -0.00 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 162   | Resp: | 75137 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 68.0  | 48.9  | 88.9  |
| 98        | 33.7  | 15.1  | 55.1  |

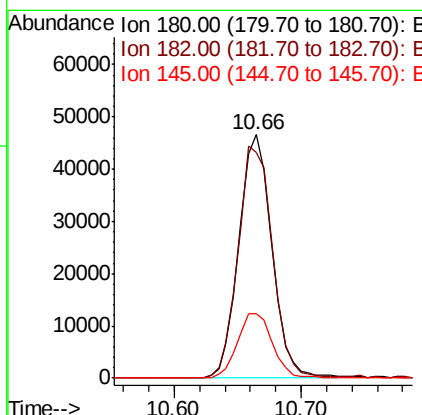
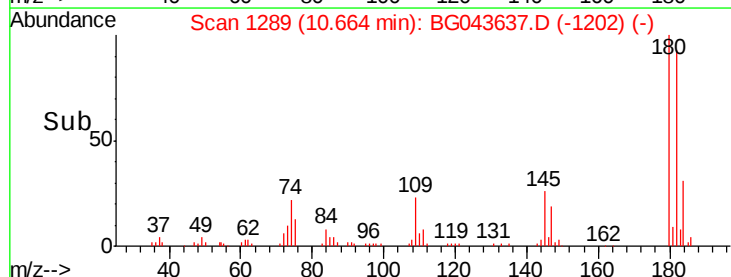
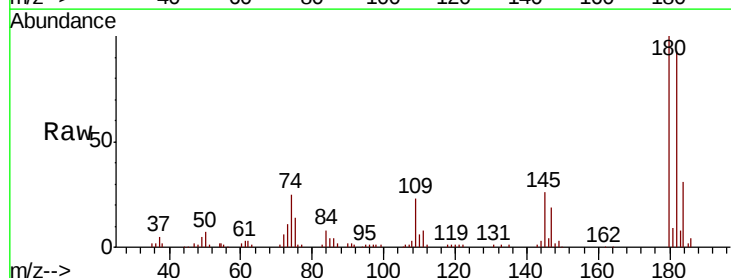
Manual Integrations  
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#30  
1,2,4-Trichlorobenzene  
Concen: 28.805 ng  
RT: 10.66 min Scan# 1289  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 84501 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.9  | 75.1  | 112.7 |
| 145       | 26.3  | 23.9  | 35.9  |





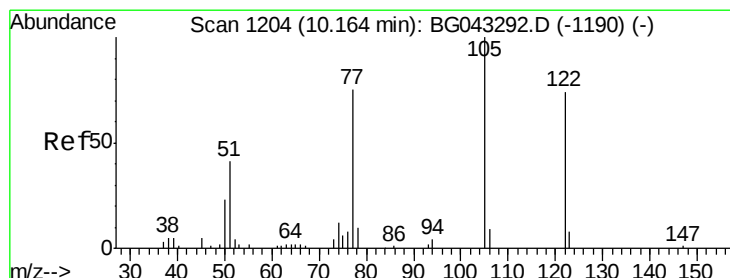
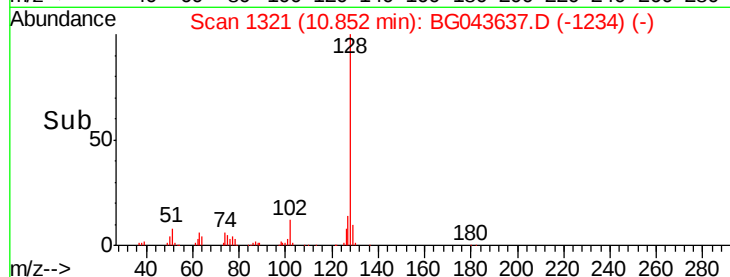
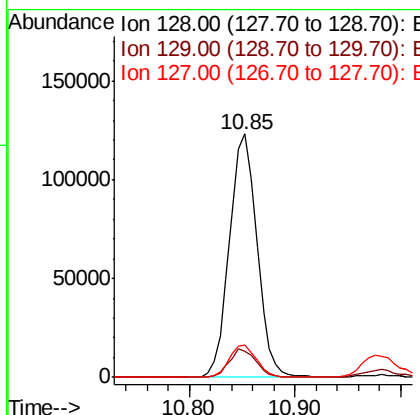
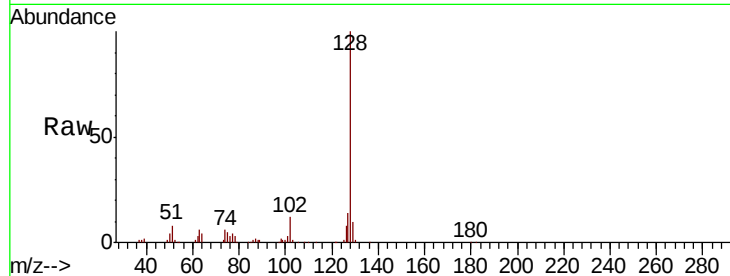
#31  
Naphthalene  
Concen: 30.825 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 9.4   | 14.0  |
| 127     | 13.5  | 11.1  | 16.7  |

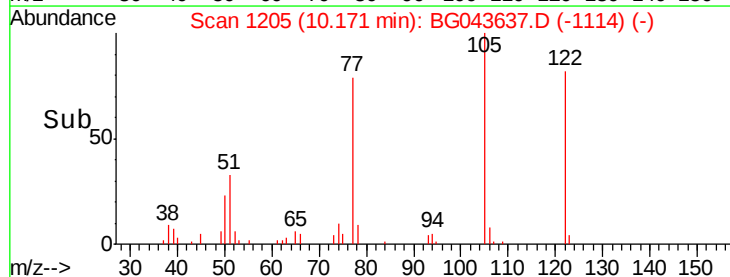
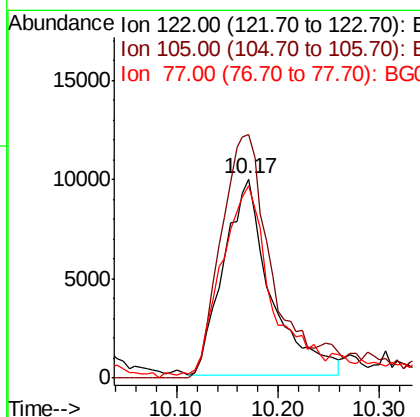
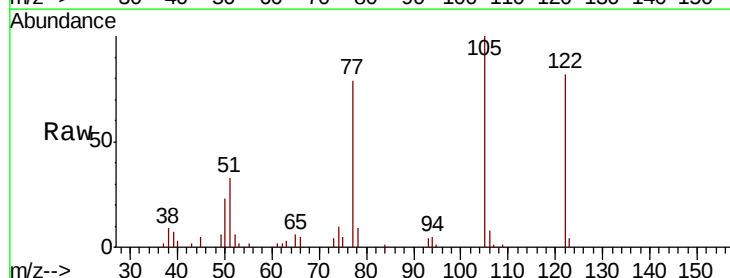
Manual Integrations  
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#32  
Benzoic acid  
Concen: 27.700 ng  
RT: 10.17 min Scan# 1205  
Delta R.T. 0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 122.1 | 103.3 | 143.3 |
| 77      | 96.8  | 84.9  | 124.9 |





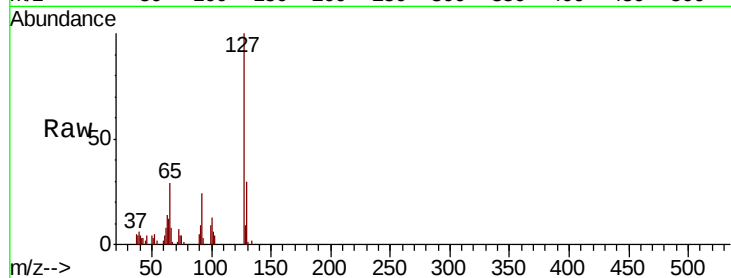
#33  
4-Chloroaniline  
Concen: 9.631 ng  
RT: 10.98 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

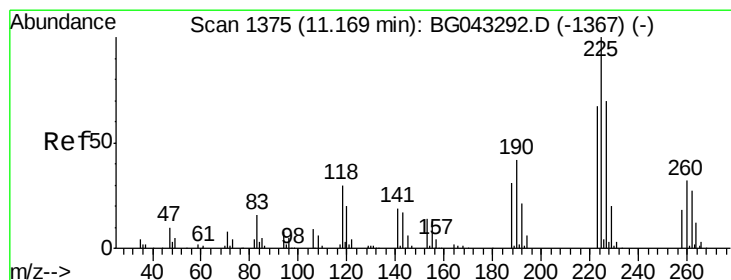
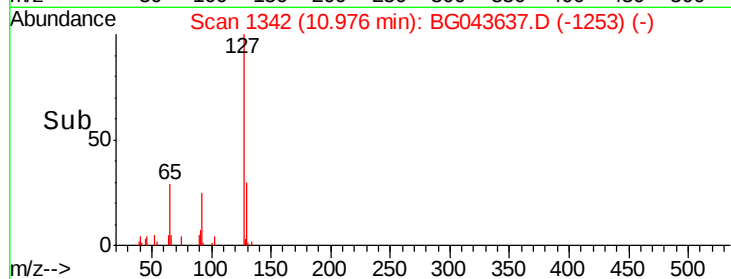
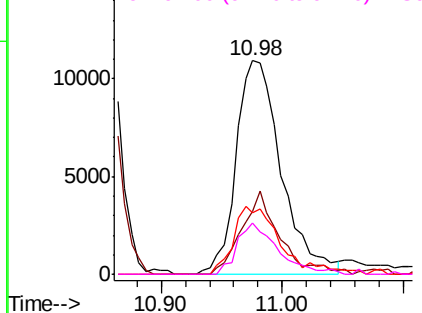
| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 28470 |       |       |
| 129     | 29.6 | 26.5  | 39.7  |       |       |
| 65      | 28.7 | 26.4  | 39.6  |       |       |
| 92      | 24.1 | 16.2  | 24.2  |       |       |

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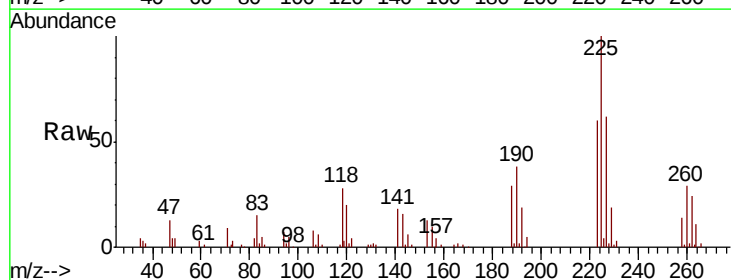


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

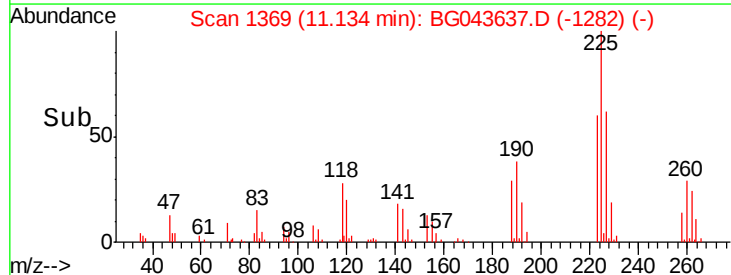
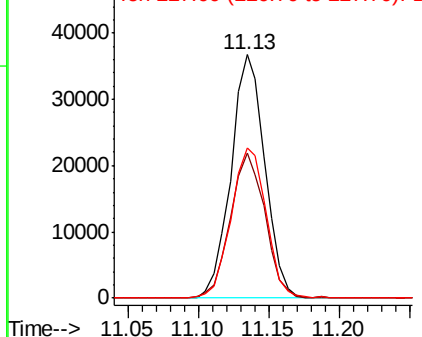


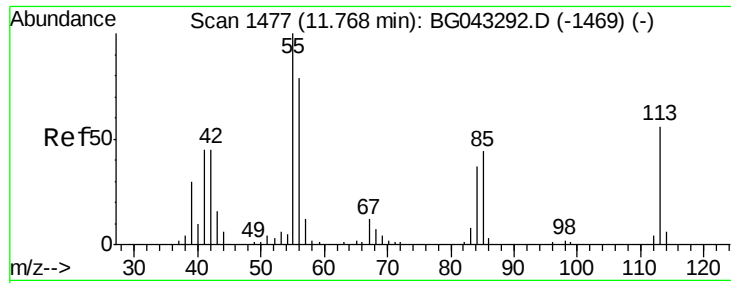
#34  
Hexachlorobutadiene  
Concen: 28.225 ng  
RT: 11.13 min Scan# 1369  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 61207 |       |       |
| 223     | 59.8 | 52.7  | 79.1  |       |       |
| 227     | 61.5 | 54.8  | 82.2  |       |       |



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: 30.062 ng/ml

RT: 11.73 min Scan# 1471

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

ClientSampleId :

TP-14B-SMSD

Tot Ion:113 Resp: 24098

Ion Ratio Lower Upper

113 100

55 159.8 134.1 174.1

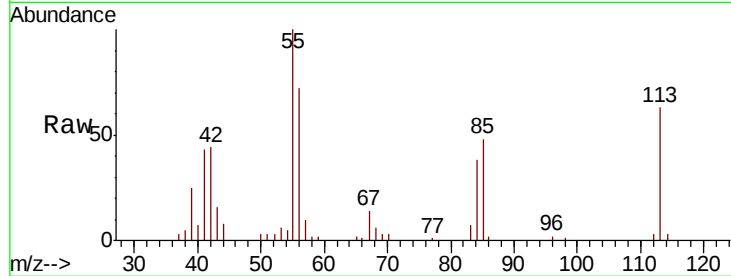
56 115.6 100.4 140.4

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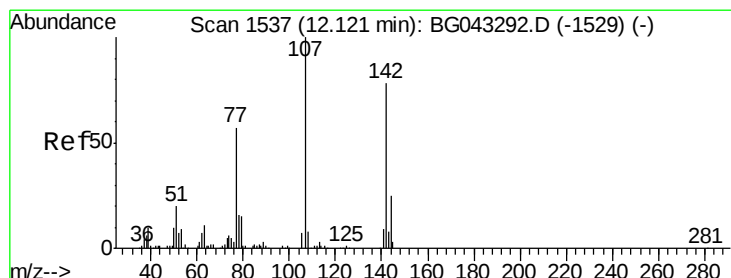
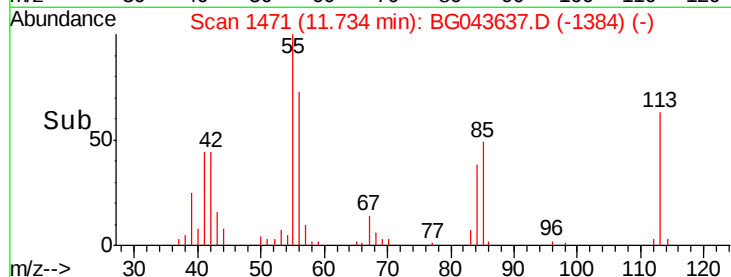
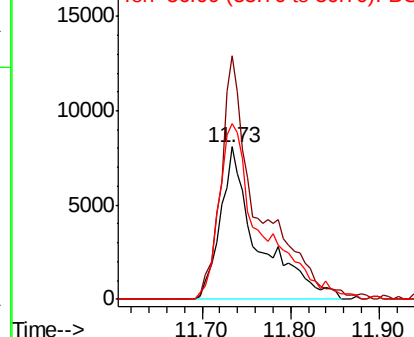


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 31.819 ng

RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

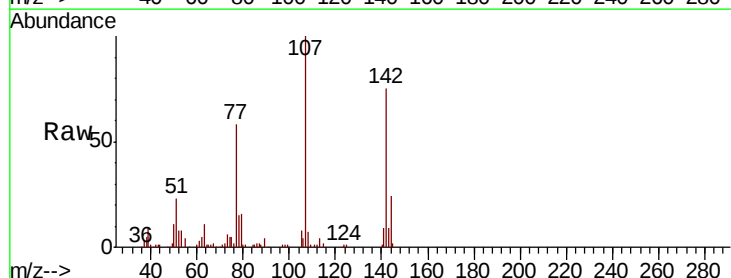
Tgt Ion:107 Resp: 80782

Ion Ratio Lower Upper

107 100

144 23.6 20.9 31.3

142 75.5 59.6 89.4

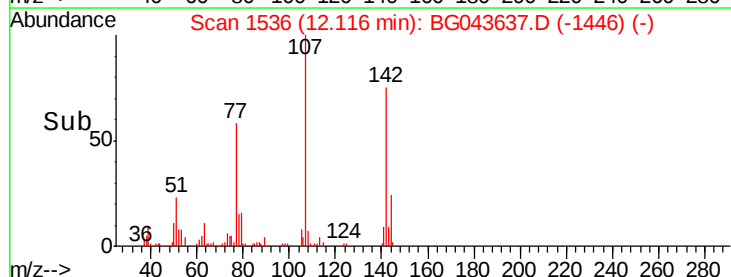
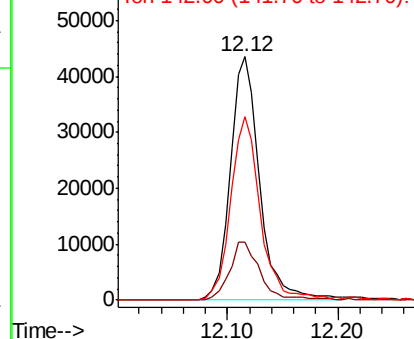


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





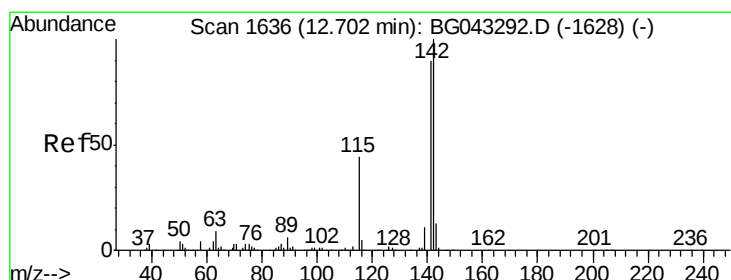
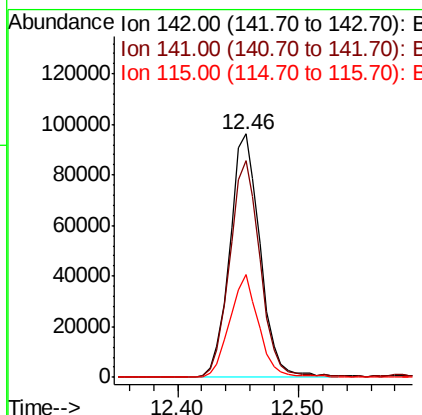
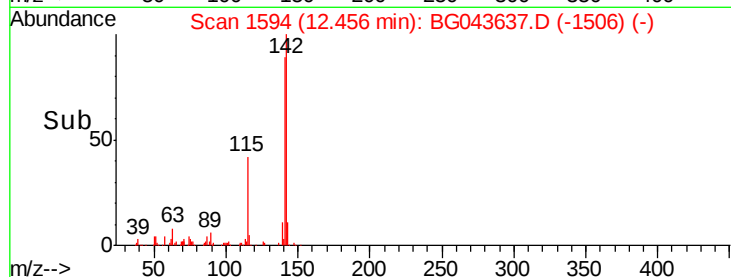
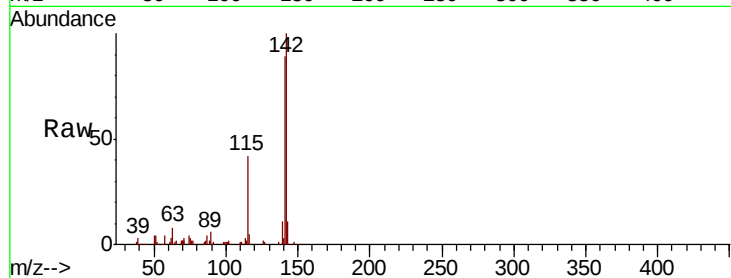
#37  
2-Methylnaphthalene  
Concen: 30.466 ng  
RT: 12.46 min Scan# 1594  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.9  | 72.2  | 108.2 |
| 115     | 42.5  | 33.2  | 49.8  |

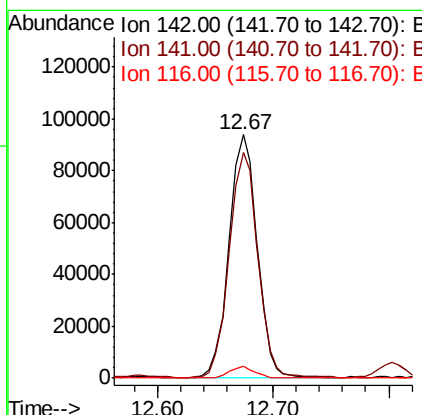
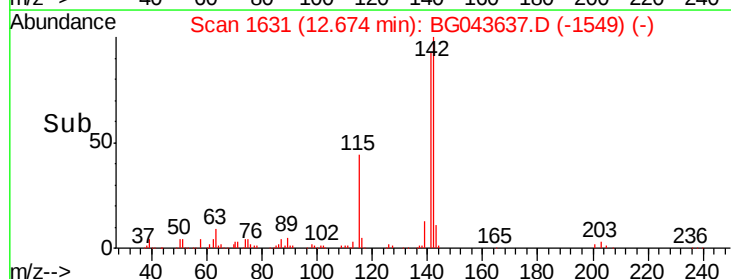
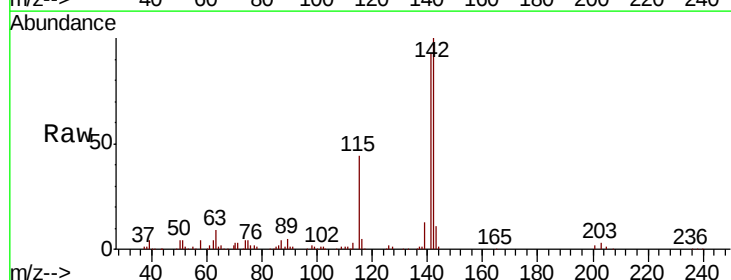
Manual Integrations  
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#38  
1-Methylnaphthalene  
Concen: 30.367 ng  
RT: 12.67 min Scan# 1631  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.9  | 73.2  | 109.8 |
| 116     | 4.9   | 3.6   | 5.4   |





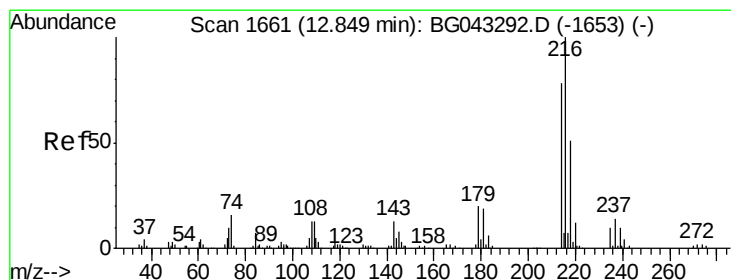
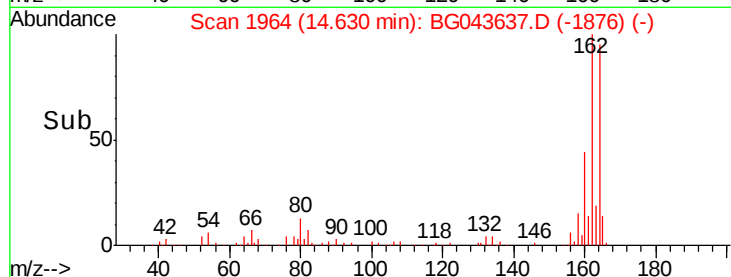
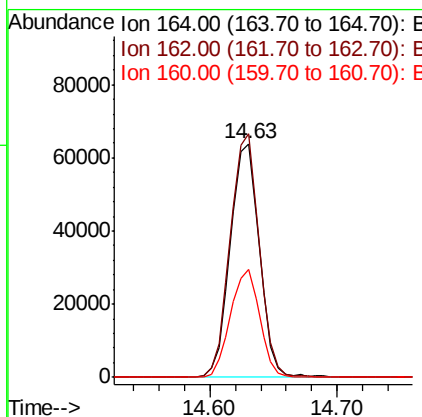
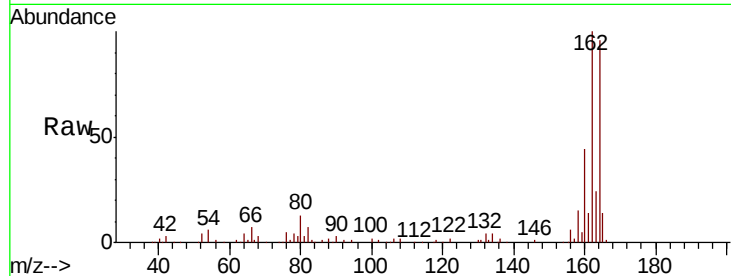
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.63 min Scan# 1964  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.1 | 83.5  | 125.3 |
| 160     | 46.1  | 36.5  | 54.7  |

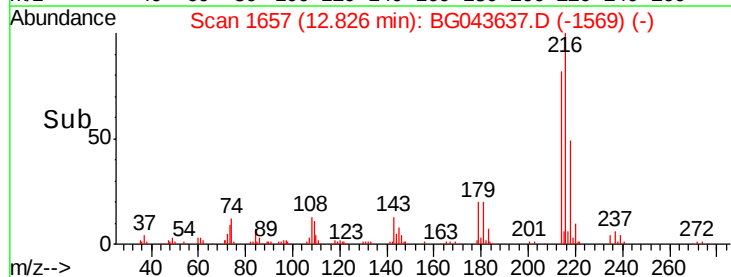
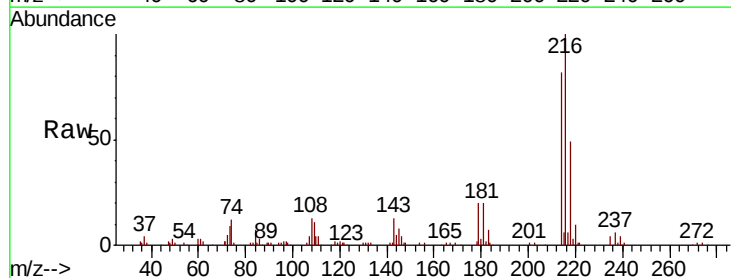
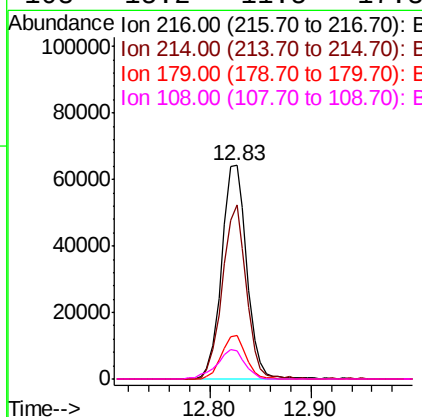
Manual Integrations  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 29.562 ng  
RT: 12.83 min Scan# 1657  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.1  | 61.7  | 92.5  |
| 179     | 19.5  | 15.8  | 23.8  |
| 108     | 15.2  | 11.5  | 17.3  |





#41

Hexachlorocyclopentadiene

Concen: 47.995 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

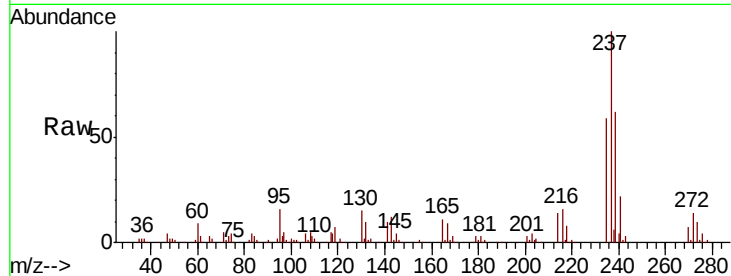
ClientSampleId :

TP-14B-SMSD

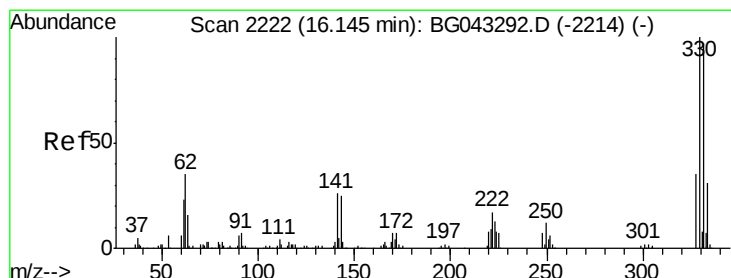
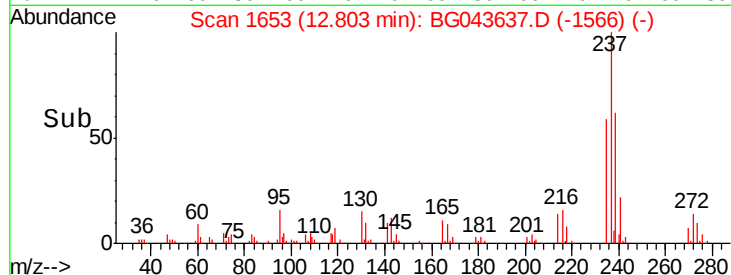
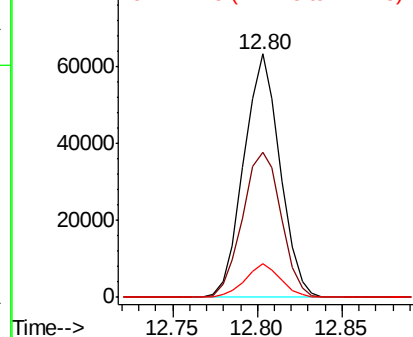
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 94262 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 59.5  | 41.6  | 81.6  |
| 272       | 13.7  | 0.0   | 32.5  |

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



#42

2,4,6-Tribromophenol

Concen: 72.207 ng

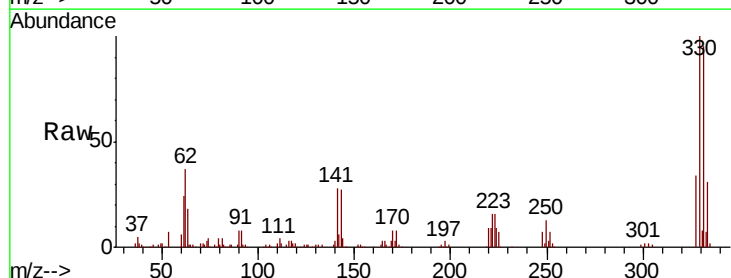
RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

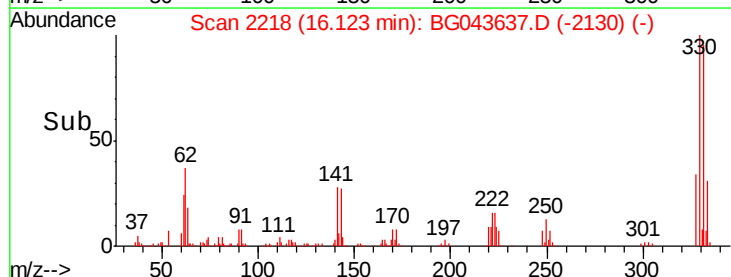
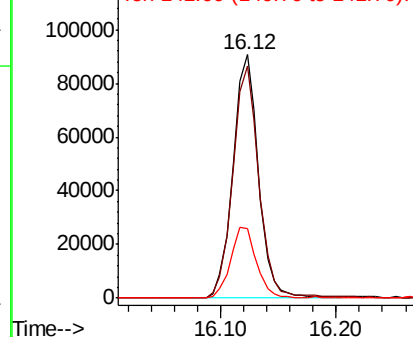
Lab File: BG043637.D

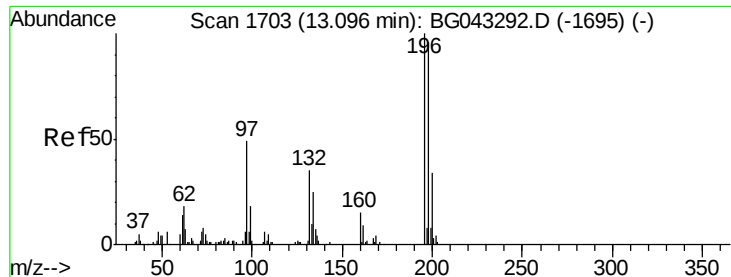
Acq: 14 Nov 2019 17:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 138817 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.8  | 77.4  | 116.0  |
| 141       | 29.8  | 22.8  | 34.2   |



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





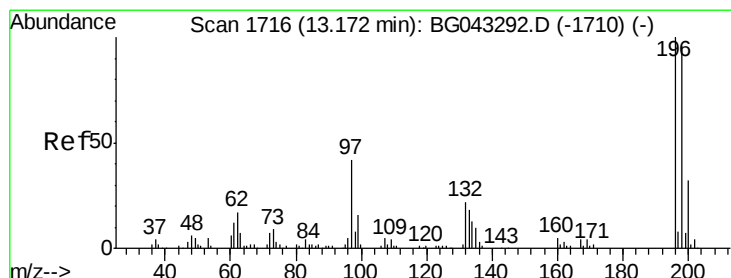
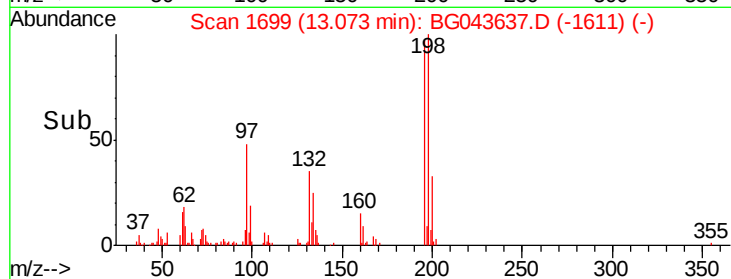
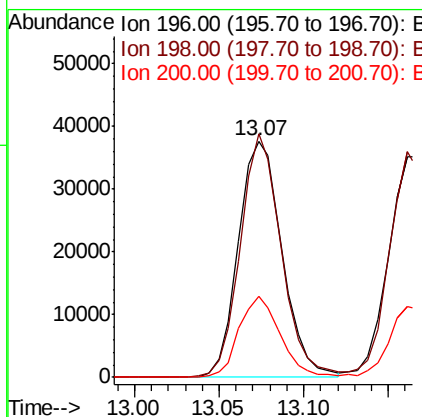
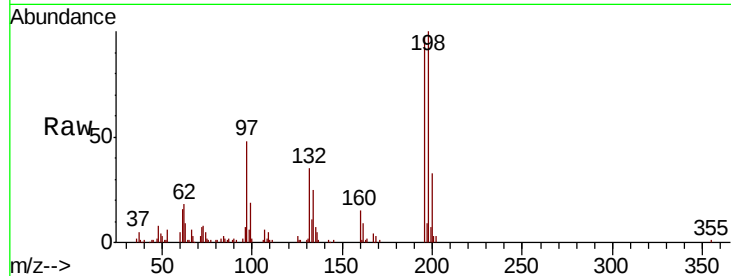
#43  
 2,4,6-Trichlorophenol  
 Concen: 30.784 ng  
 RT: 13.07 min Scan# 1699  
 Delta R.T. -0.01 min  
 Lab File: BG043637.D  
 Acq: 14 Nov 2019 17:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 103.0 | 75.8  | 113.6 |
| 200     | 34.5  | 23.9  | 35.9  |

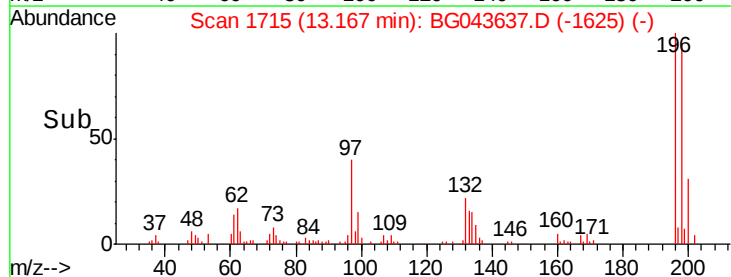
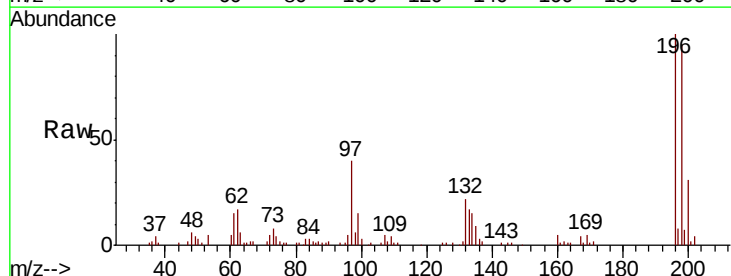
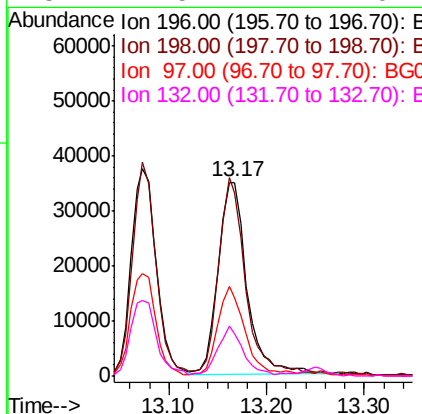
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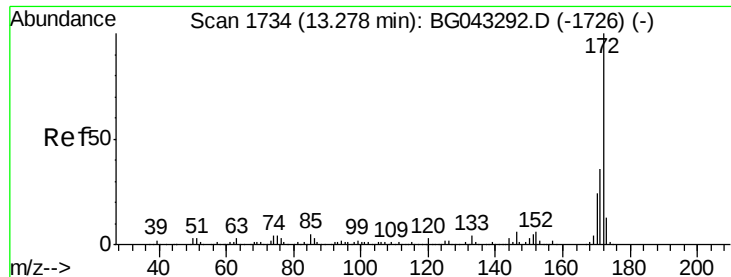
mohammad  
 11/15/2019 6:00:32 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 32.456 ng  
 RT: 13.17 min Scan# 1715  
 Delta R.T. 0.00 min  
 Lab File: BG043637.D  
 Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.5  | 74.5  | 111.7 |
| 97      | 40.0  | 36.3  | 54.5  |
| 132     | 21.5  | 17.4  | 26.2  |





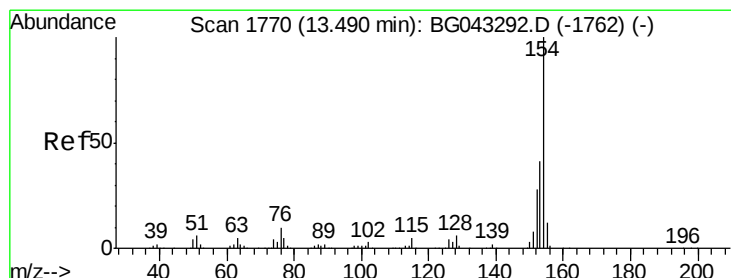
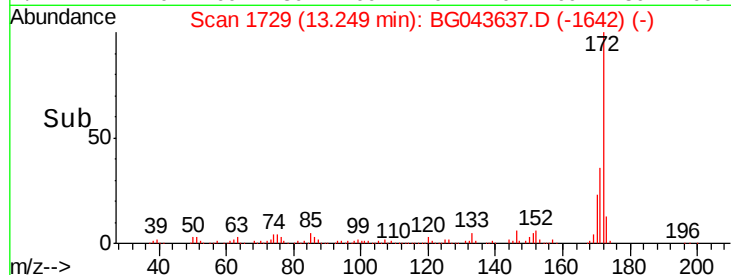
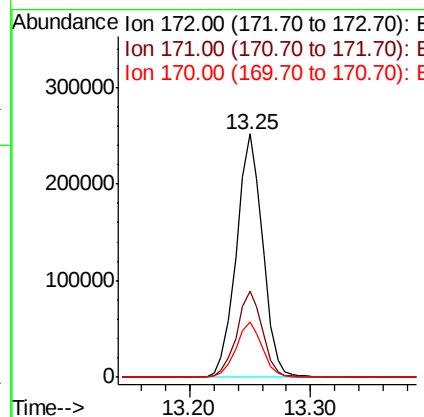
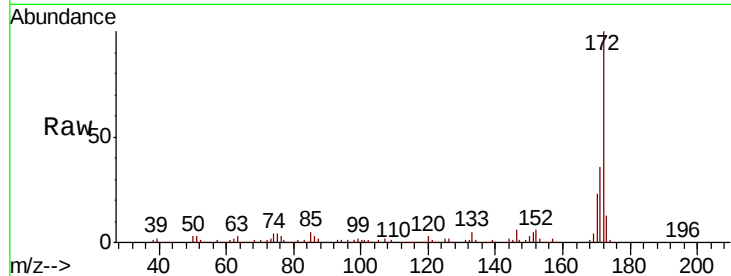
#45  
2-Fluorobiphenyl  
Concen: 52.202 ng  
RT: 13.25 min Scan# 1729  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.6  | 28.9  | 43.3  |
| 170     | 22.9  | 18.5  | 27.7  |

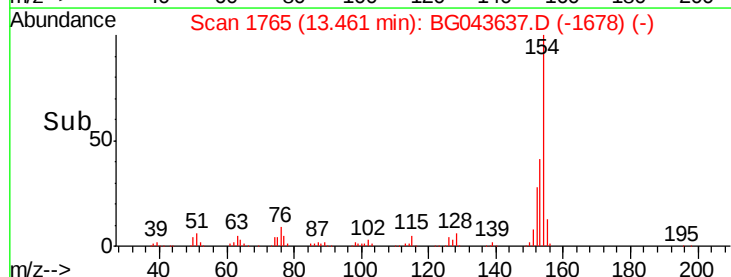
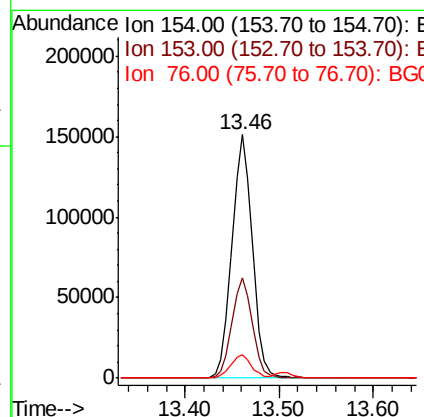
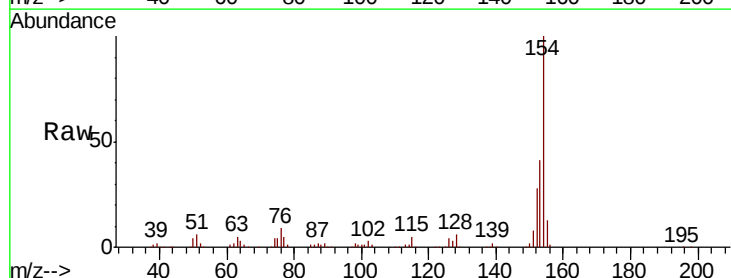
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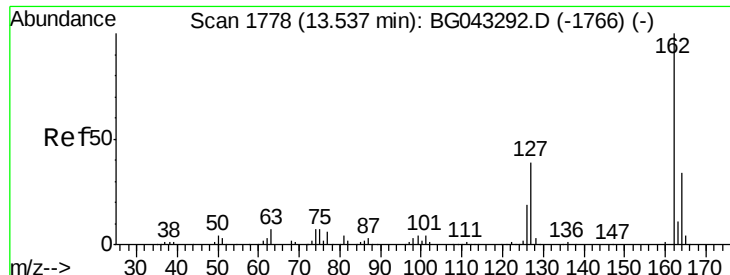
mohammad  
11/15/2019 6:00:32 PM



#46  
1,1'-Biphenyl  
Concen: 29.811 ng  
RT: 13.46 min Scan# 1765  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.4  | 19.9  | 59.9  |
| 76      | 9.4   | 0.0   | 29.4  |





#47

2-Chloronaphthalene

Concen: 29.800 ng

RT: 13.50 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

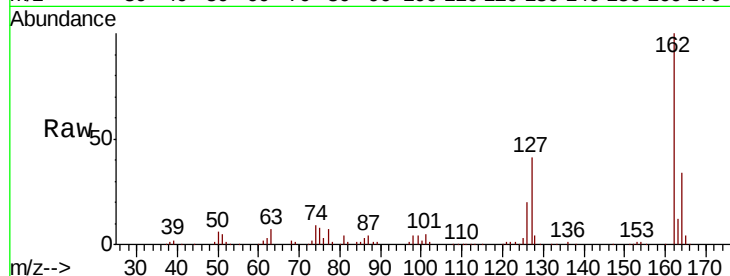
ClientSampleId :

TP-14B-SMSD

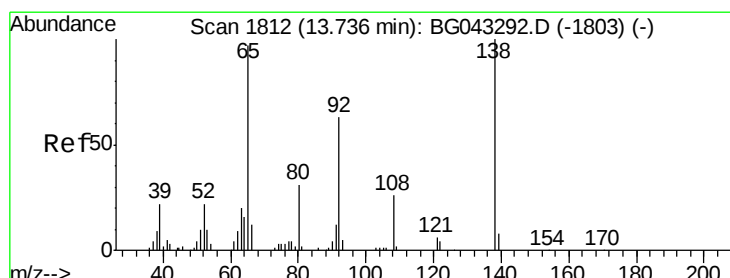
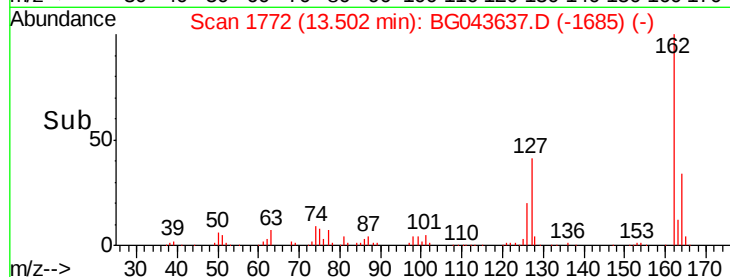
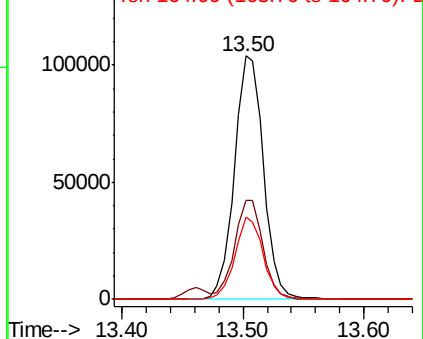
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 174259 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 40.5  | 31.2  | 46.8   |
| 164       | 34.0  | 25.8  | 38.8   |

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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: 29.870 ng

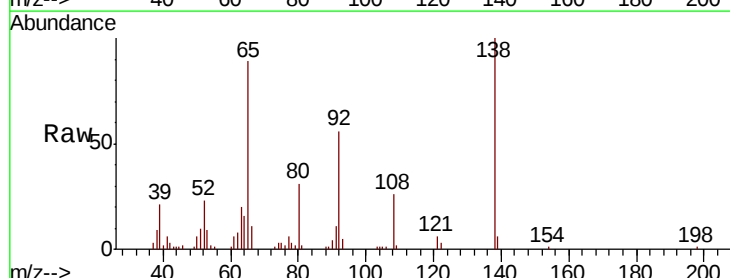
RT: 13.72 min Scan# 1809

Delta R.T. -0.00 min

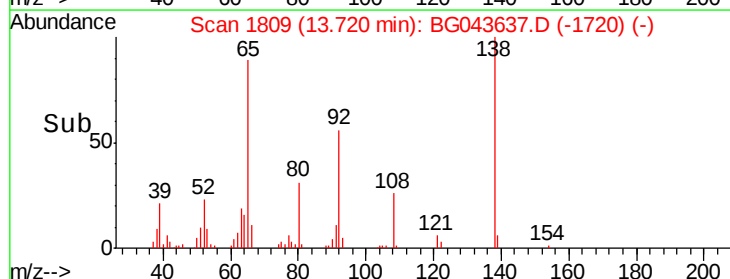
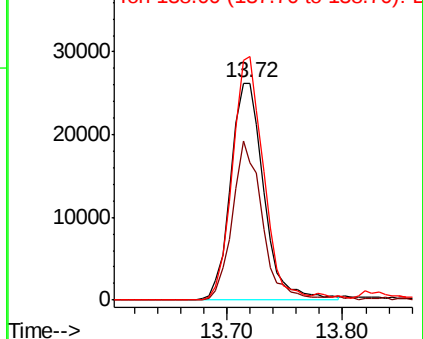
Lab File: BG043637.D

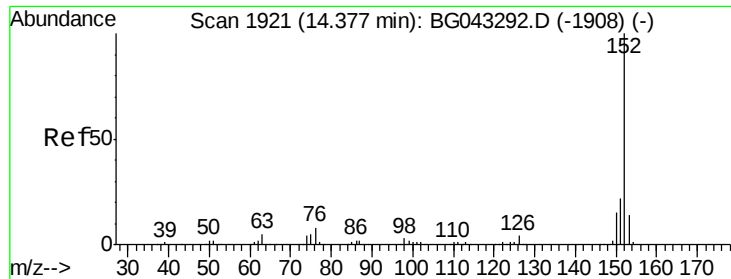
Acq: 14 Nov 2019 17:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 52204 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 63.0  | 56.2  | 84.2  |
| 138       | 112.1 | 82.6  | 123.8 |



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





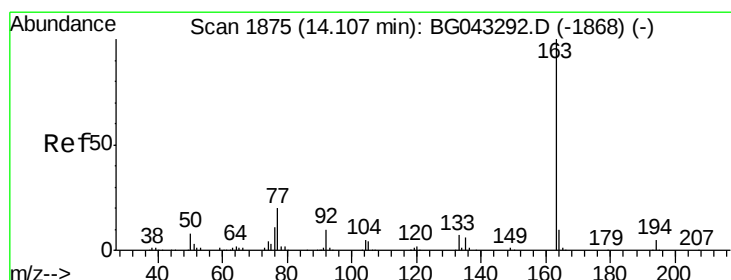
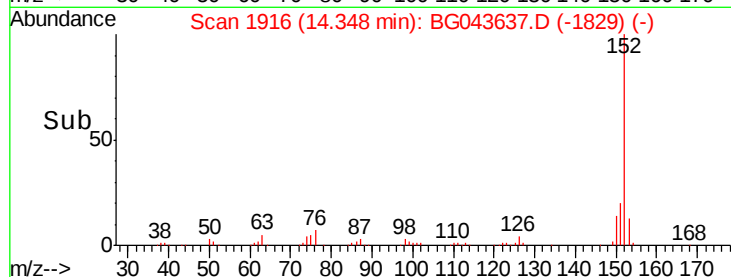
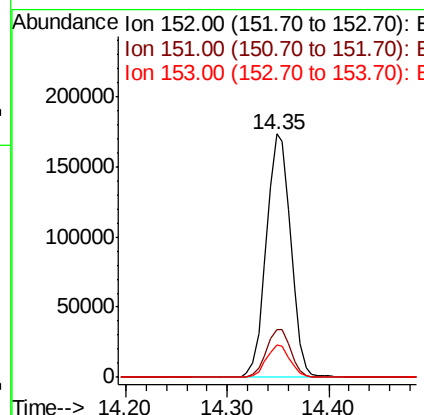
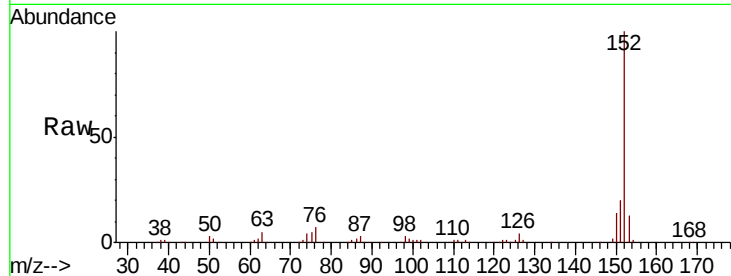
#49  
Acenaphthylene  
Concen: 31.777 ng  
RT: 14.35 min Scan# 1916  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 152     | 100  |       | 289200 |       |       |
| 151     | 19.6 | 16.2  | 24.4   |       |       |
| 153     | 13.4 | 10.6  | 15.8   |       |       |

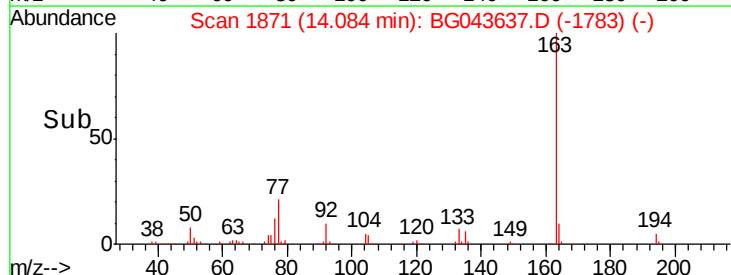
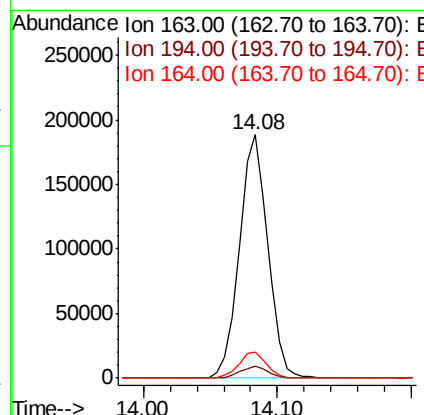
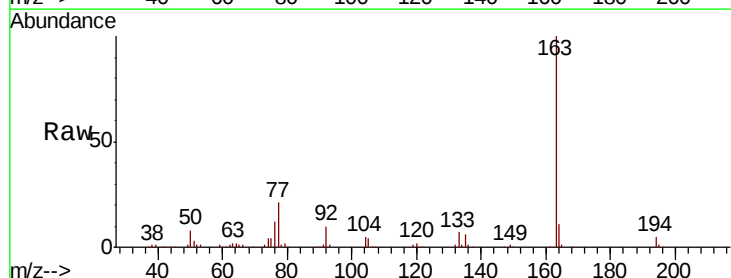
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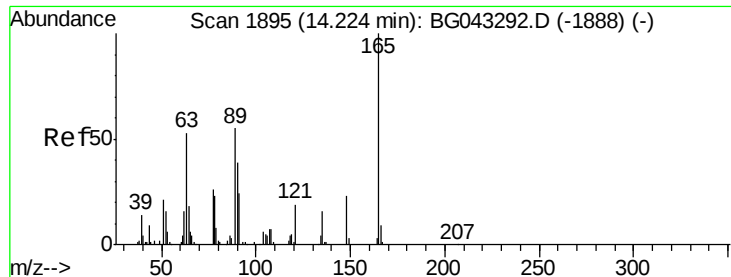
mohammad  
11/15/2019 6:00:32 PM



#50  
Dimethylphthalate  
Concen: 35.459 ng  
RT: 14.08 min Scan# 1871  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 163     | 100  |       | 277469 |       |       |
| 194     | 4.8  | 3.8   | 5.6    |       |       |
| 164     | 10.5 | 8.9   | 13.3   |       |       |





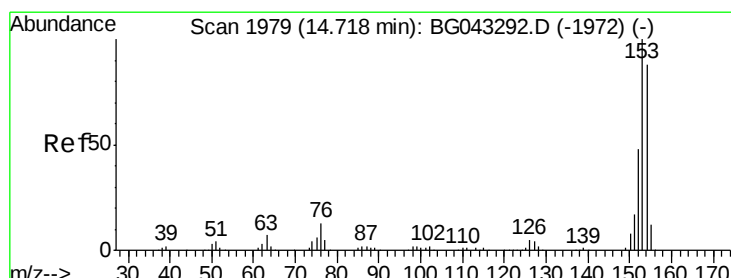
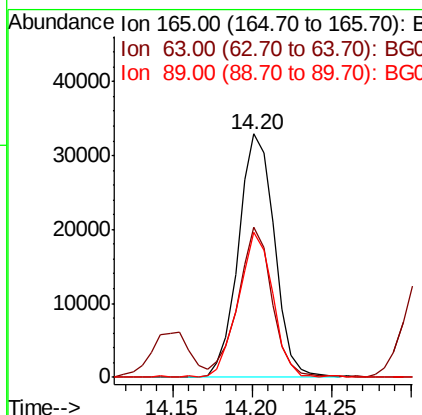
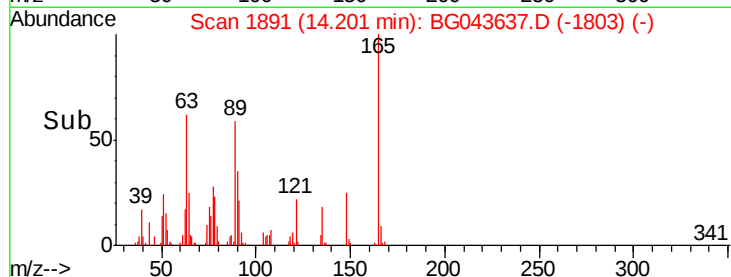
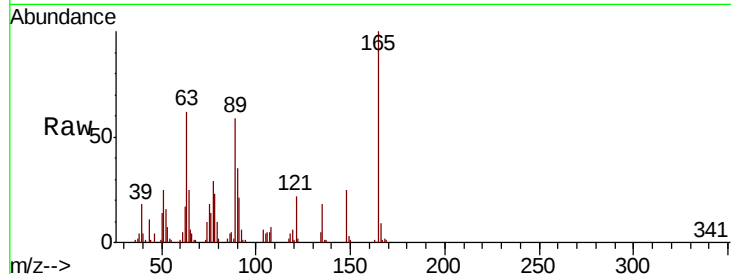
#51  
2,6-Dinitrotoluene  
Concen: 30.486 ng  
RT: 14.20 min Scan# 1891  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 61.7  | 46.6  | 69.8  |
| 89      | 59.5  | 45.1  | 67.7  |

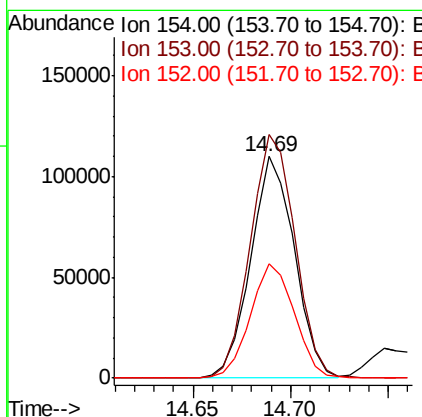
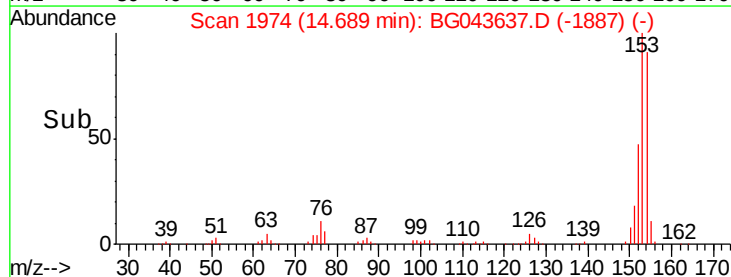
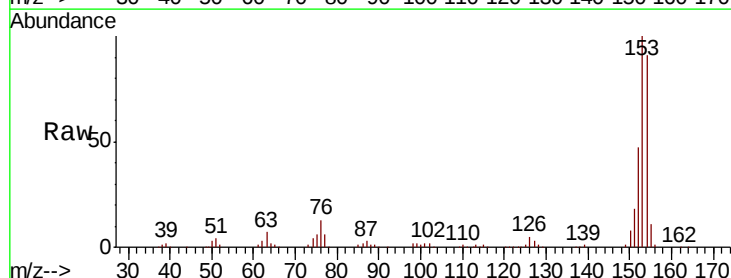
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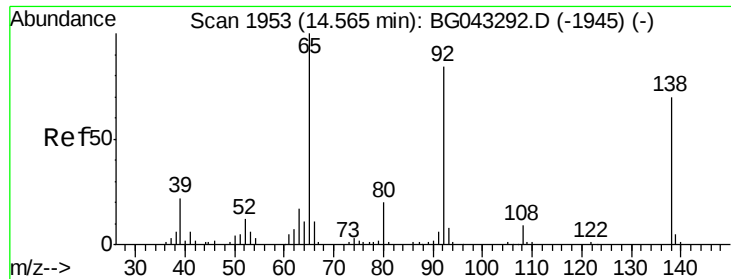
mohammad  
11/15/2019 6:00:32 PM



#52  
Acenaphthene  
Concen: 30.694 ng  
RT: 14.69 min Scan# 1974  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 110.0 | 88.2  | 132.2 |
| 152     | 51.9  | 40.0  | 60.0  |





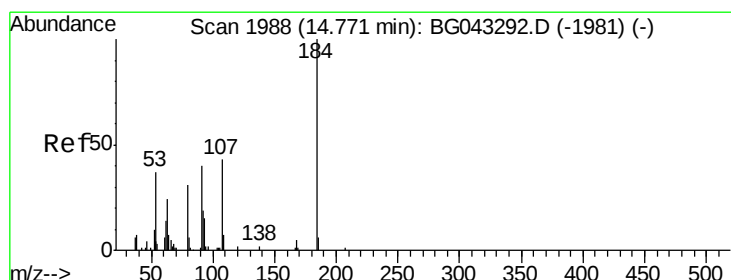
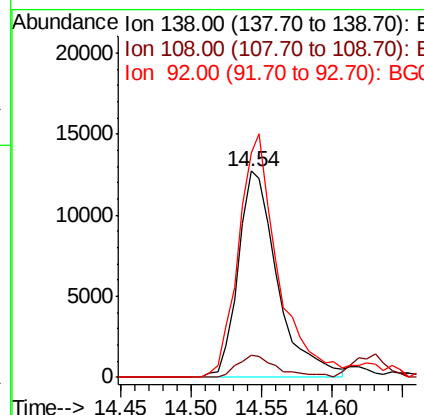
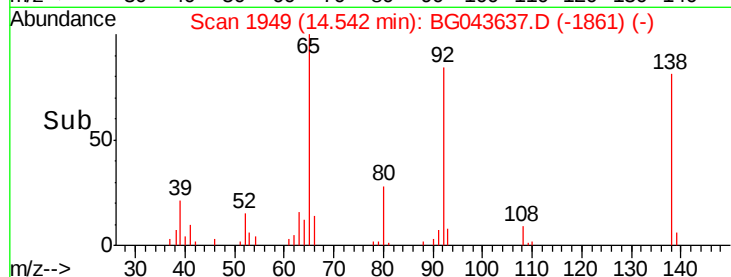
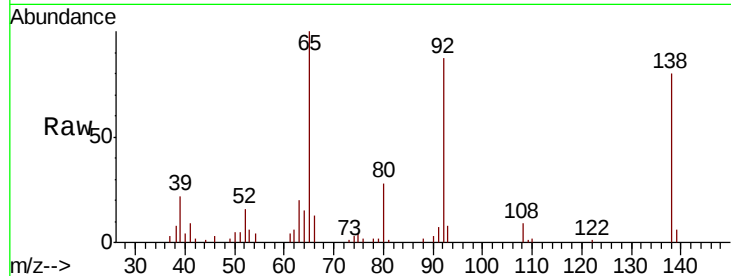
#53  
3-Nitroaniline  
Concen: 15.046 ng  
RT: 14.54 min Scan# 1949  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.9  | 8.0   | 12.0  |
| 92      | 109.0 | 90.9  | 136.3 |

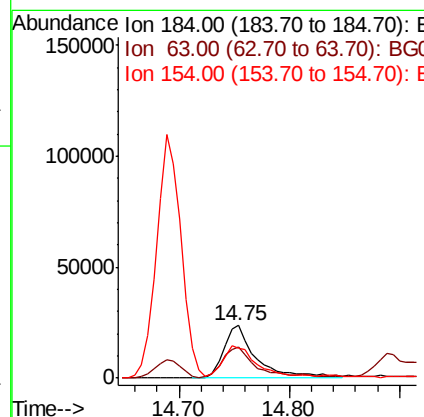
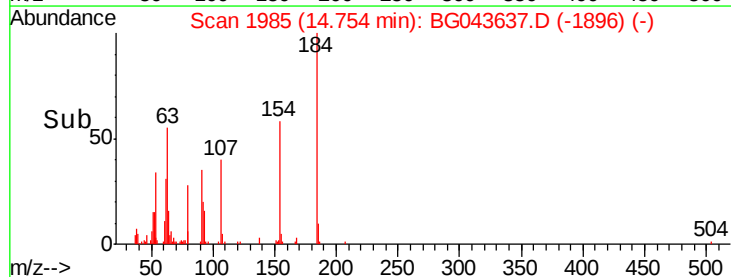
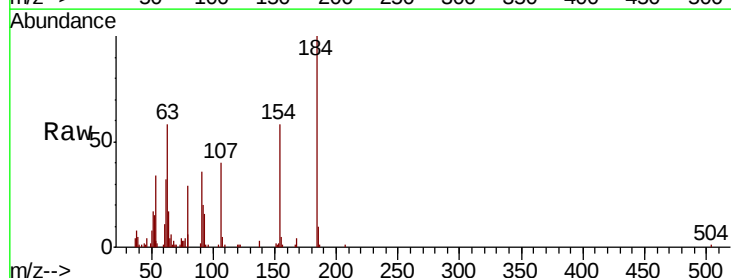
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#54  
2,4-Dinitrophenol  
Concen: 48.911 ng  
RT: 14.75 min Scan# 1985  
Delta R.T. -0.00 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 57.9  | 51.3  | 76.9  |
| 154     | 57.7  | 55.4  | 83.0  |





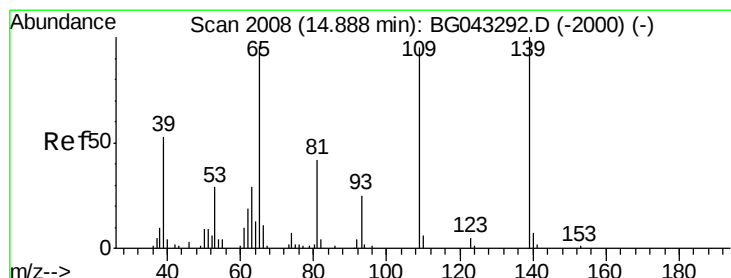
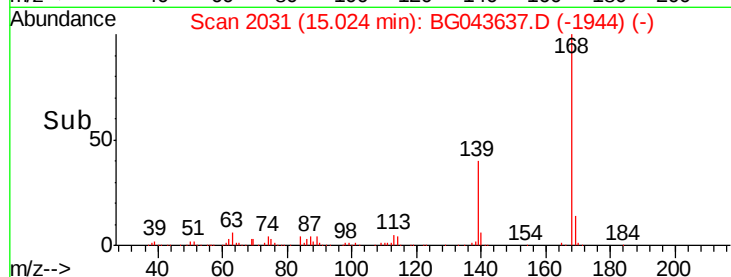
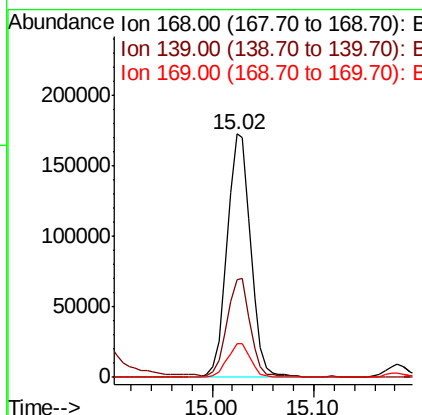
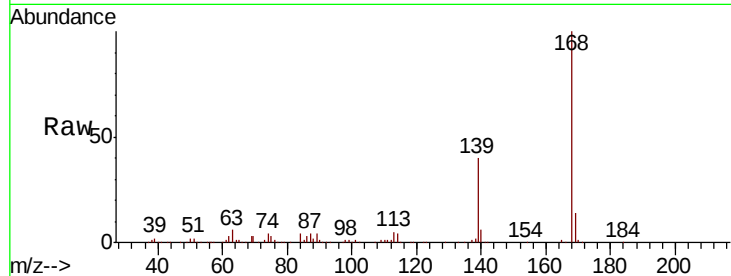
#55  
Dibenzenofuran  
Concen: 30.903 ng  
RT: 15.02 min Scan# 2031  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.9  | 31.0  | 46.6  |
| 169     | 13.9  | 11.7  | 17.5  |

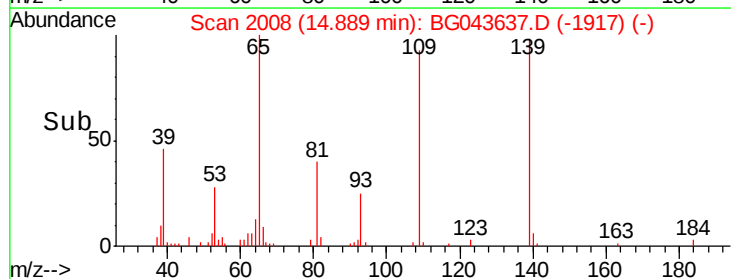
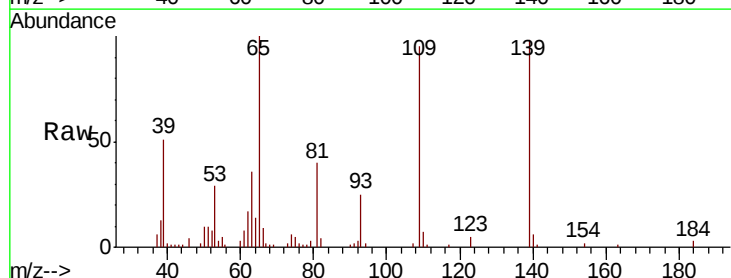
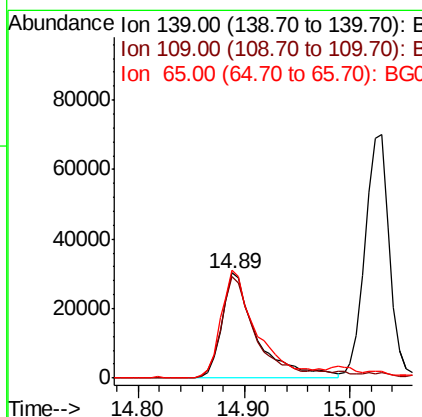
Manual Integrations  
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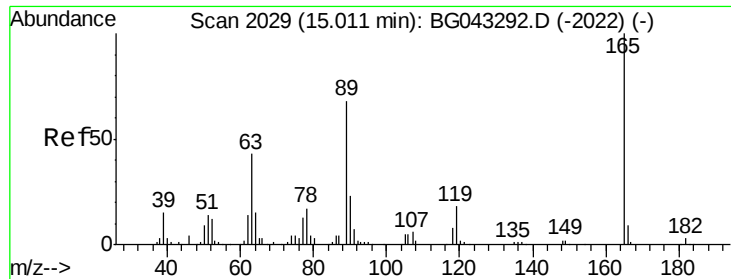
mohammad  
11/15/2019 6:00:32 PM



#56  
4-Nitrophenol  
Concen: 62.785 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. 0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 96.8  | 87.2  | 127.2 |
| 65      | 102.3 | 83.8  | 123.8 |





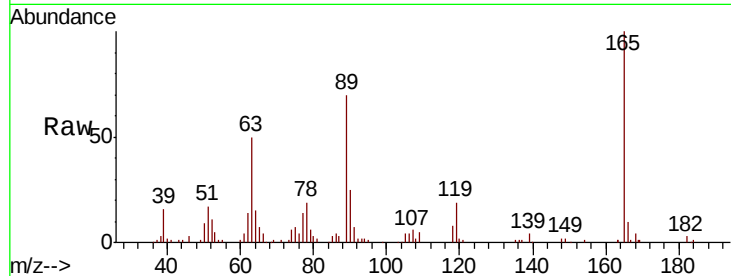
#57  
2,4-Dinitrotoluene  
Concen: 30.226 ng  
RT: 14.99 min Scan# 2026  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 73432 |       |       |
| 63      | 49.5  | 33.2  | 49.8  |       |
| 89      | 69.6  | 52.2  | 78.4  |       |
| 182     | 3.1   | 2.0   | 3.0   |       |

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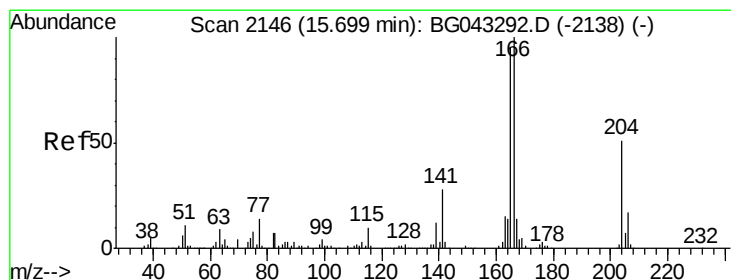
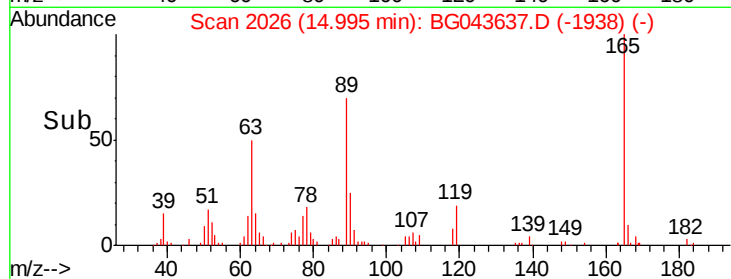
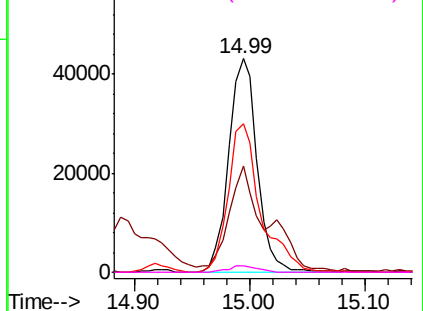
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

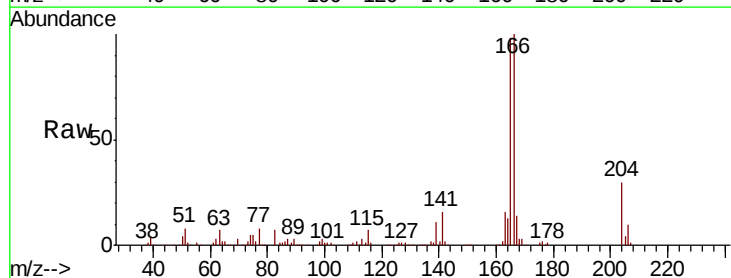
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 30.979 ng  
RT: 15.68 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 233849 |       |       |
| 165     | 98.1  | 79.0   | 118.6 |       |
| 167     | 13.6  | 10.5   | 15.7  |       |

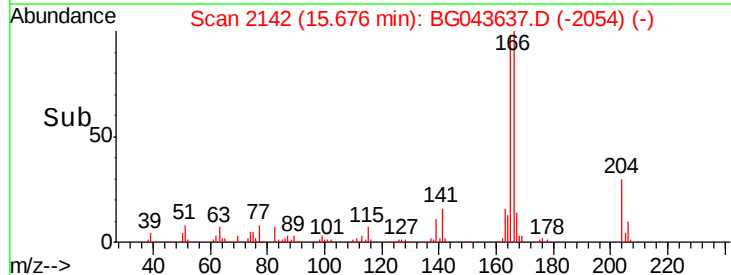
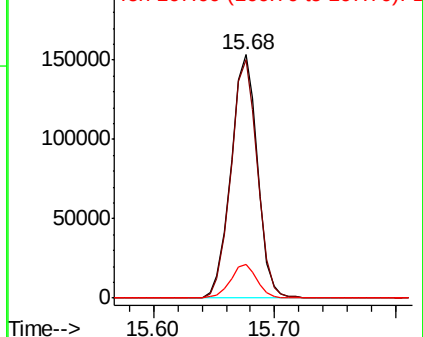


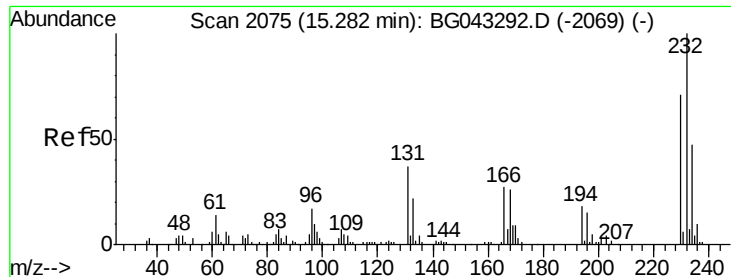
Abundance

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





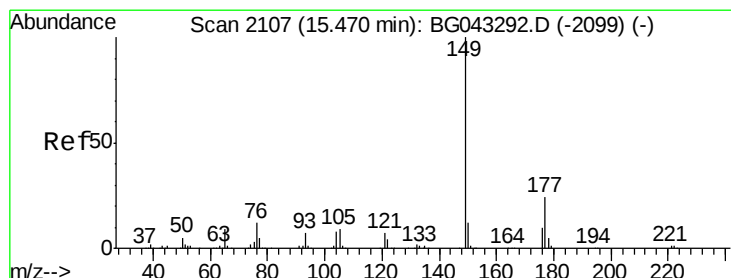
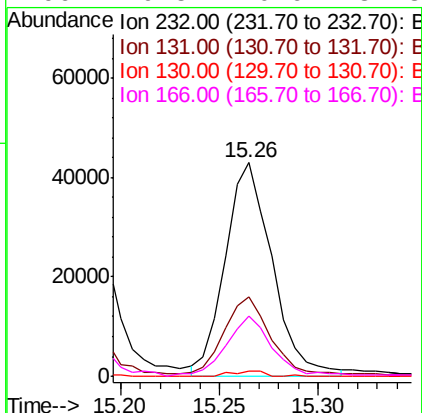
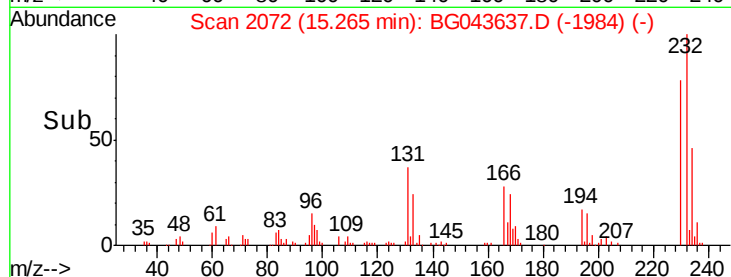
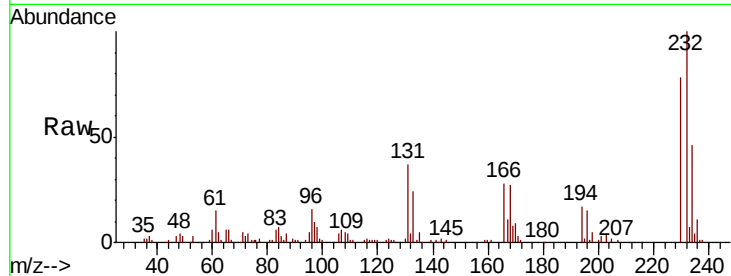
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 30.388 ng/ml  
RT: 15.26 min Scan# 2072  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 29.7  | 26.9  | 40.3  |
| 130     | 1.8   | 1.8   | 2.6   |
| 166     | 20.5  | 20.9  | 31.3  |

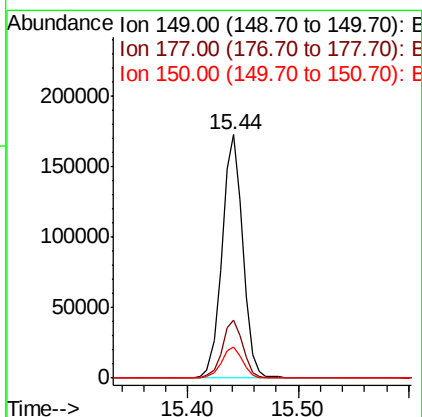
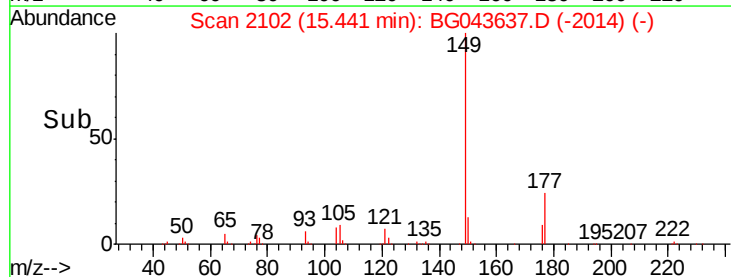
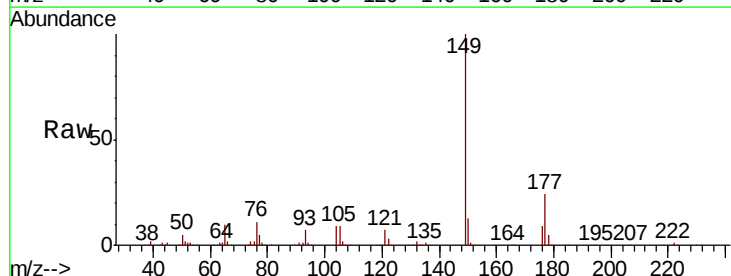
Manual Integrations  
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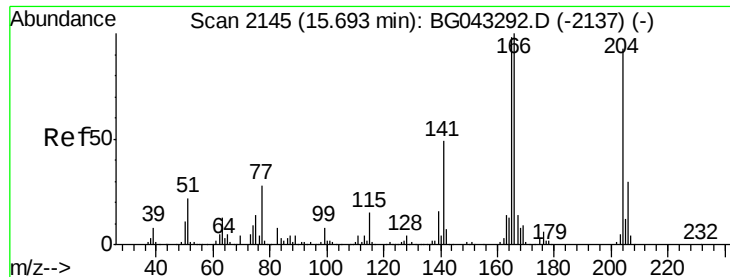
mohammad  
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#60  
Diethylphthalate  
Concen: 28.781 ng  
RT: 15.44 min Scan# 2102  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.9  | 19.6  | 29.4  |
| 150     | 12.6  | 10.8  | 16.2  |





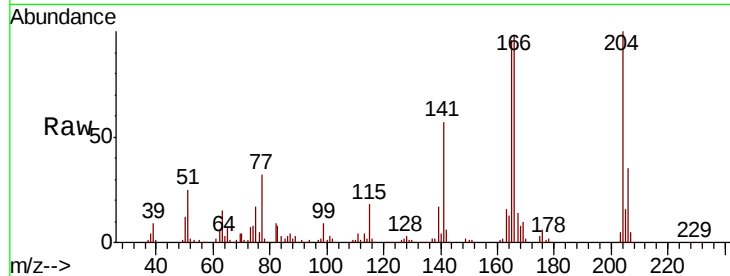
#61  
4-Chlorophenyl-phenylether  
Concen: 29.596 ng  
RT: 15.66 min Scan# 2140  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.9  | 28.4  | 42.6  |
| 141     | 56.6  | 43.0  | 64.6  |

Manual Integrations  
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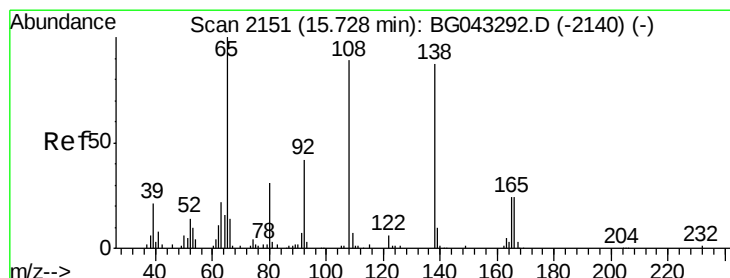
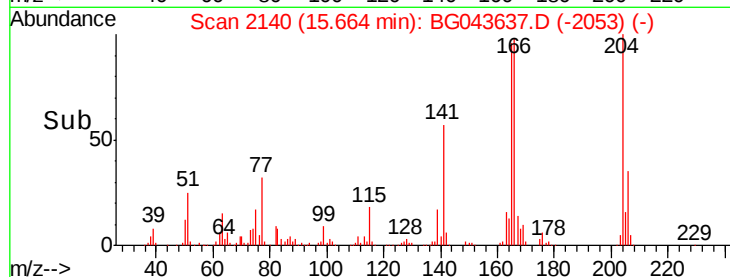
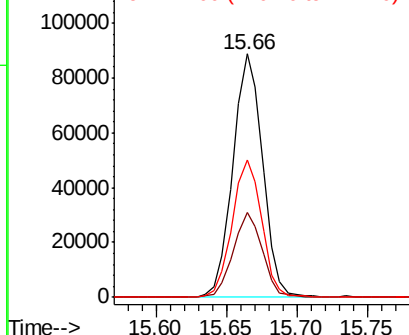


Abundance

Ion 204.00 (203.70 to 204.70): E

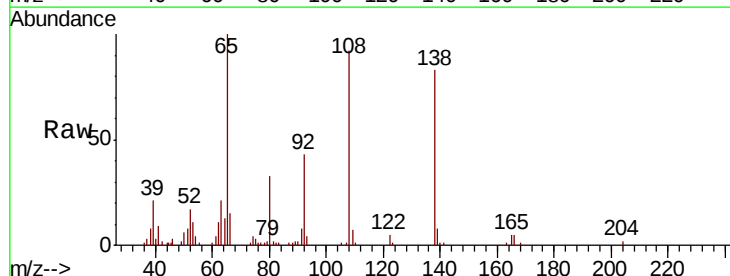
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 27.433 ng  
RT: 15.71 min Scan# 2148  
Delta R.T. -0.00 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.2  | 33.4  | 73.4  |
| 108     | 109.8 | 78.0  | 118.0 |

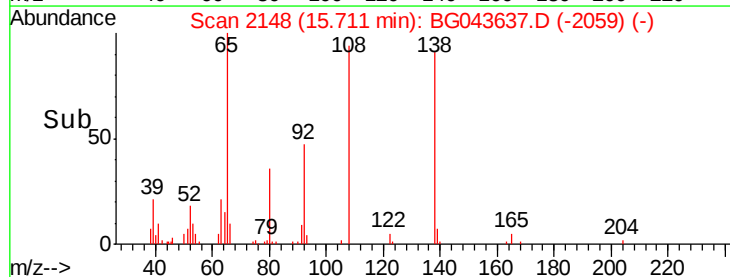
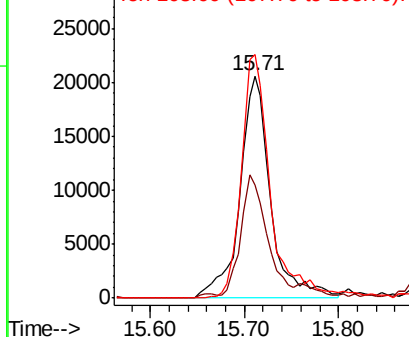


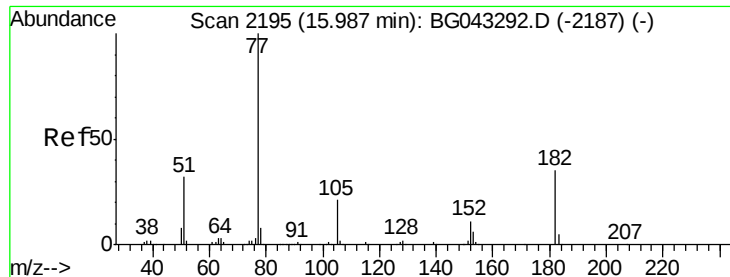
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





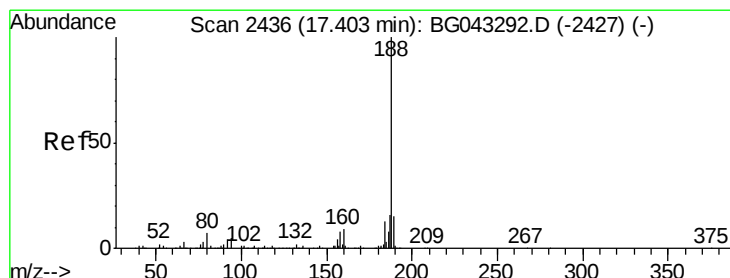
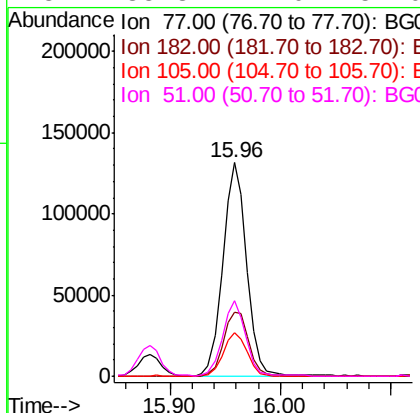
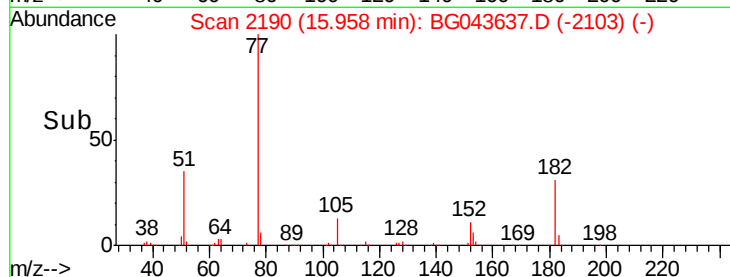
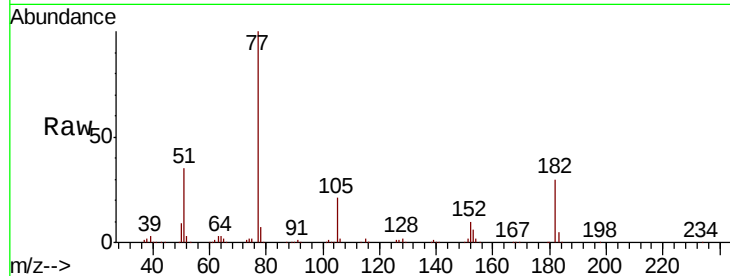
#63  
Azobenzene  
Concen: 30.804 ng  
RT: 15.96 min Scan# 2190  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 196010 |       |       |
| 182     | 30.0 | 13.7  | 53.7   |       |       |
| 105     | 20.7 | 0.4   | 40.4   |       |       |
| 51      | 35.3 | 11.0  | 51.0   |       |       |

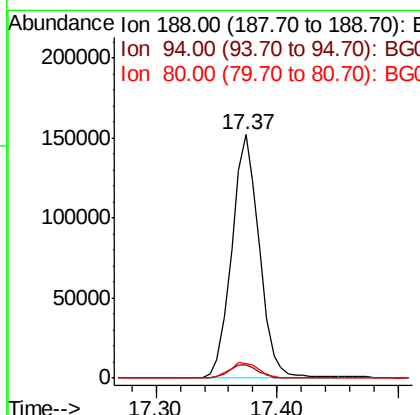
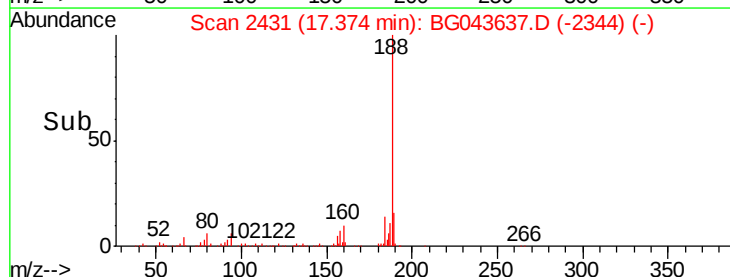
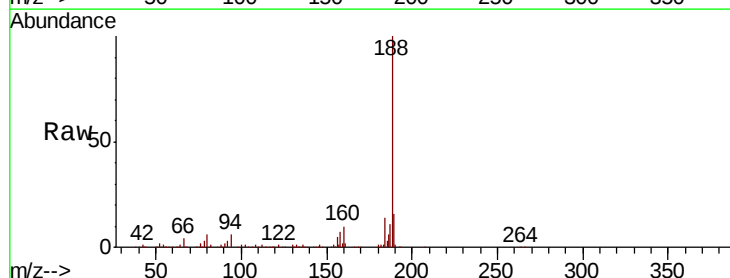
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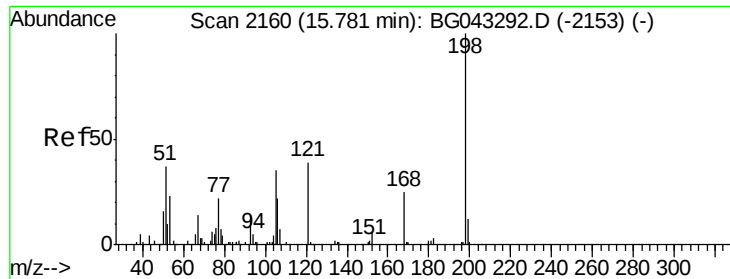
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.37 min Scan# 2431  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 241679 |       |       |
| 94      | 5.6 | 4.2   | 6.4    |       |       |
| 80      | 6.1 | 4.5   | 6.7    |       |       |





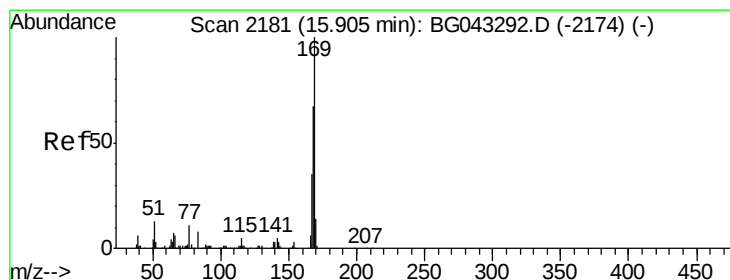
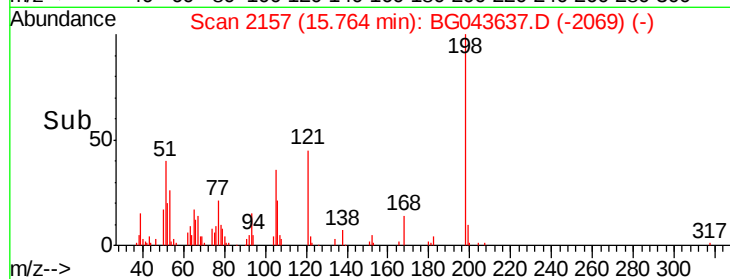
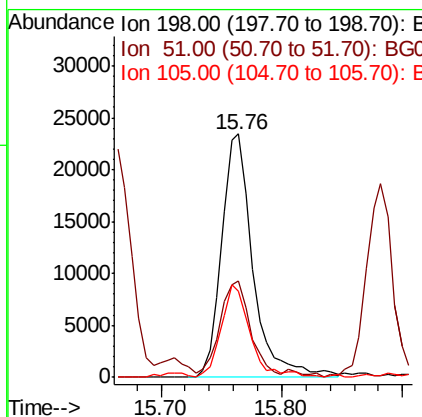
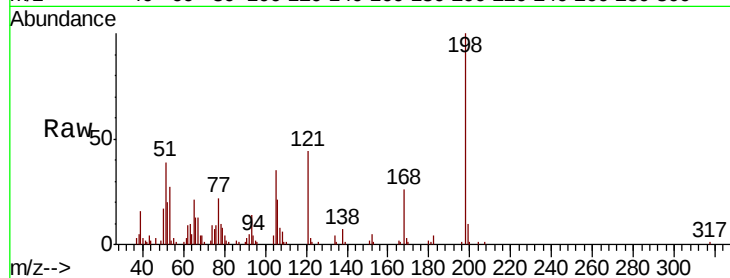
#65  
4,6-Dinitro-2-methylphenol  
Concen: 29.614 ng  
RT: 15.76 min Scan# 2157  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 42120 |       |       |
| 51      | 39.5  |       | 13.2  | 53.2  |
| 105     | 35.3  |       | 15.8  | 55.8  |

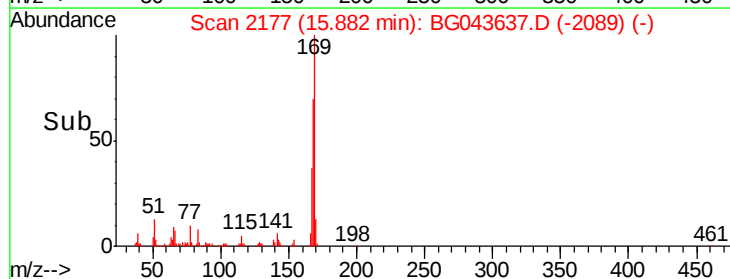
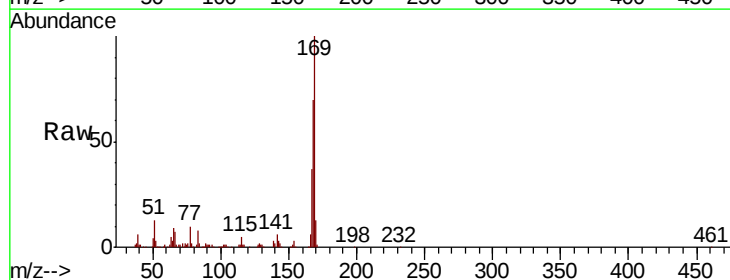
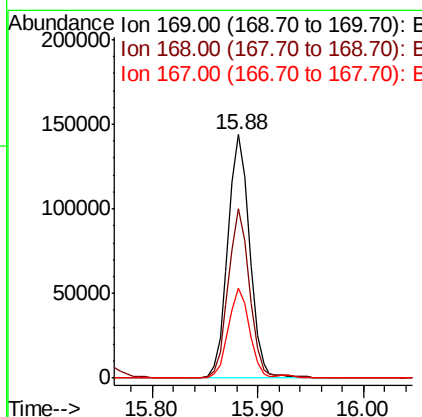
Manual Integrations  
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#66  
n-Nitrosodiphenylamine  
Concen: 30.094 ng  
RT: 15.88 min Scan# 2177  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 205337 |       |       |
| 168     | 69.6  |        | 53.8  | 80.6  |
| 167     | 37.0  |        | 27.5  | 41.3  |





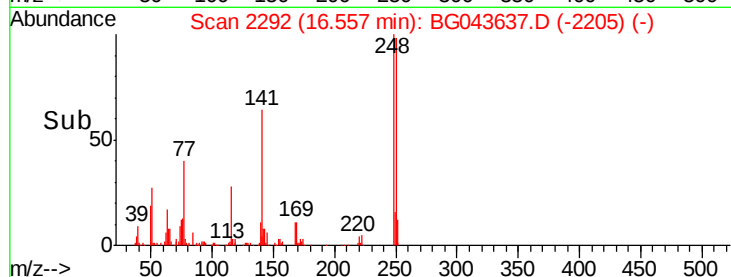
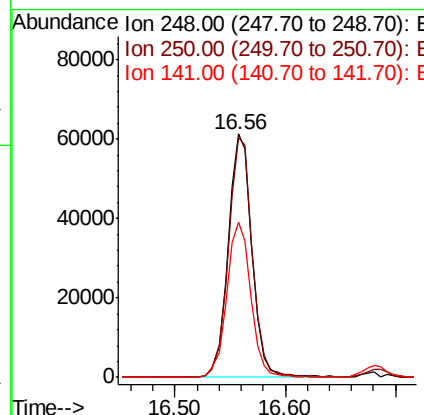
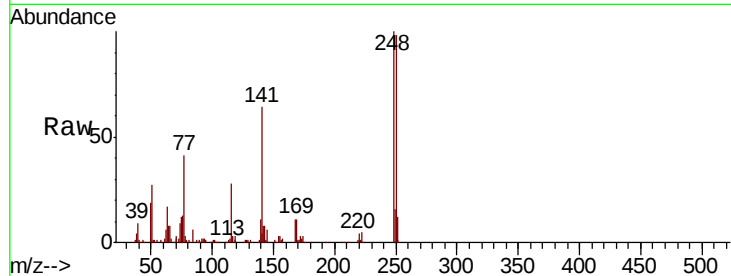
#67  
4-Bromophenyl-phenylether  
Concen: 28.378 ng  
RT: 16.56 min Scan# 2292  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.4  | 77.0  | 115.4 |
| 141     | 63.6  | 47.5  | 71.3  |

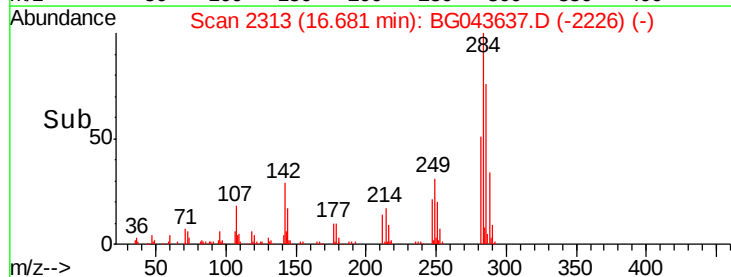
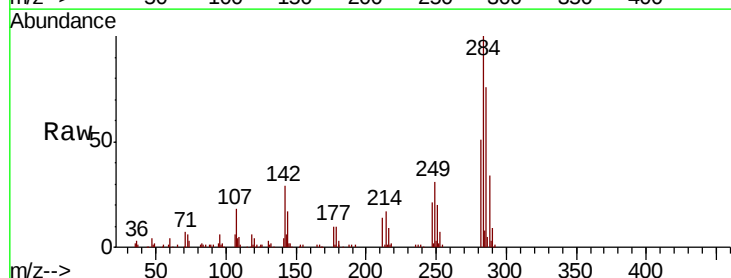
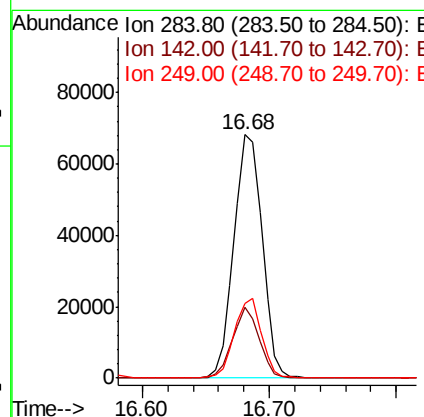
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#68  
Hexachlorobenzene  
Concen: 28.154 ng  
RT: 16.68 min Scan# 2313  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.9  | 19.8  | 29.8  |
| 249     | 30.7  | 23.8  | 35.6  |





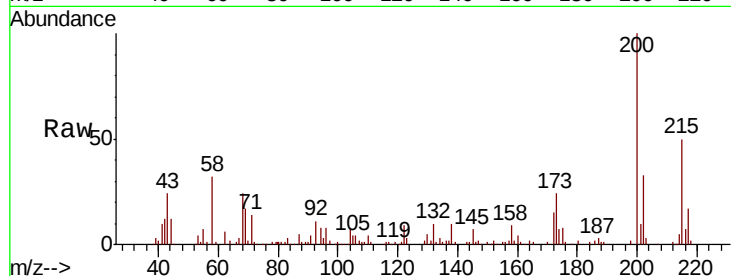
#69  
 Atrazine  
 Concen: 37.571 ng  
 RT: 16.83 min Scan# 2338  
 Delta R.T. -0.02 min  
 Lab File: BG043637.D  
 Acq: 14 Nov 2019 17:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.4  | 4.7   | 44.7  |
| 215     | 50.0  | 28.5  | 68.5  |

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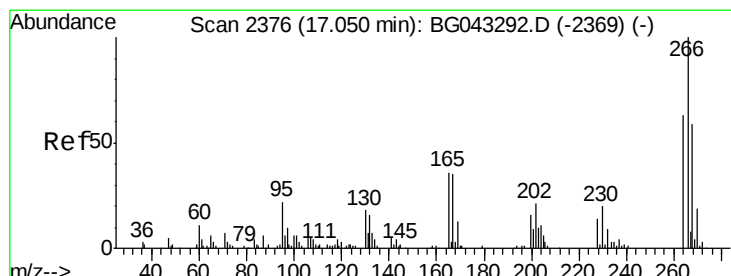
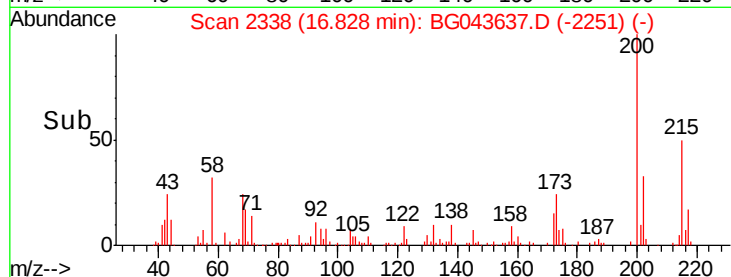
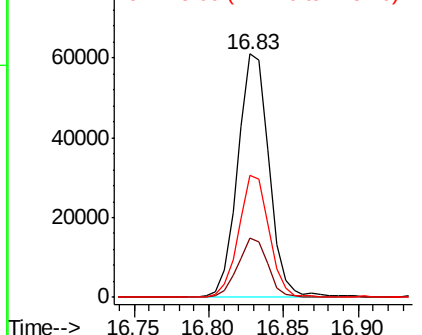


Abundance

Ion 200.00 (199.70 to 200.70): E

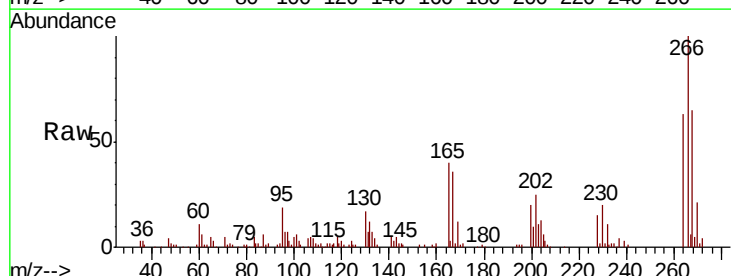
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
 Pentachlorophenol  
 Concen: 48.190 ng  
 RT: 17.04 min Scan# 2374  
 Delta R.T. -0.01 min  
 Lab File: BG043637.D  
 Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.0  | 50.4  | 75.6  |
| 264     | 63.3  | 48.9  | 73.3  |

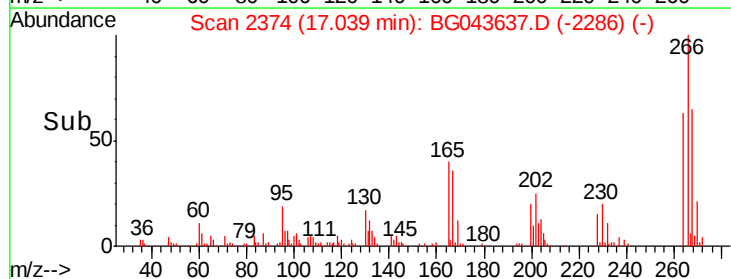
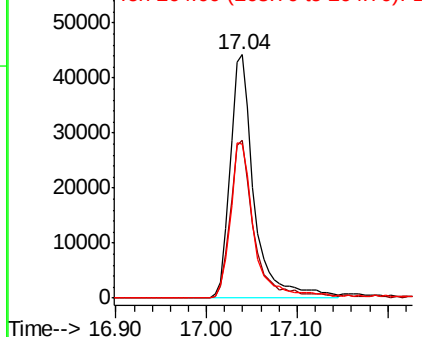


Abundance

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





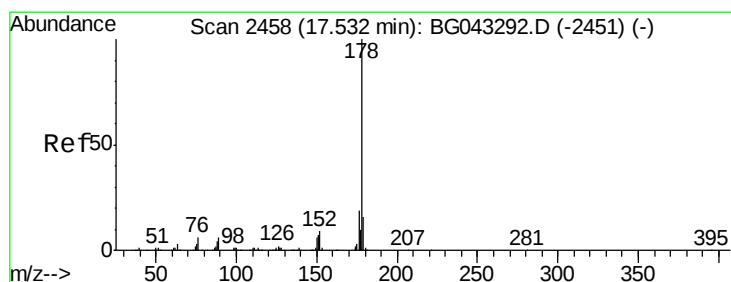
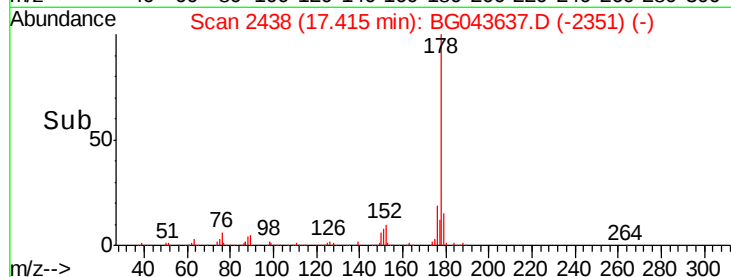
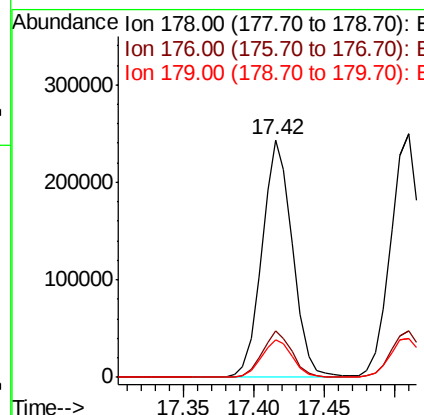
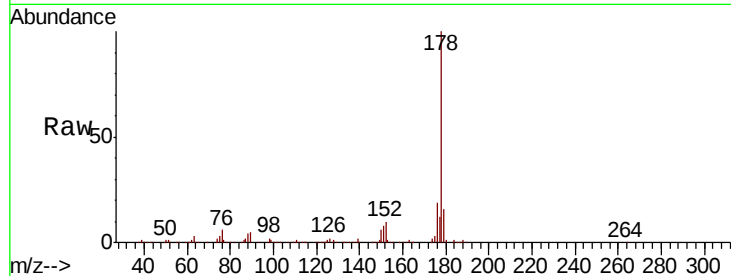
#71  
Phenanthrene  
Concen: 29.786 ng  
RT: 17.42 min Scan# 2438  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.4  | 23.0  |
| 179     | 15.6  | 13.0  | 19.6  |

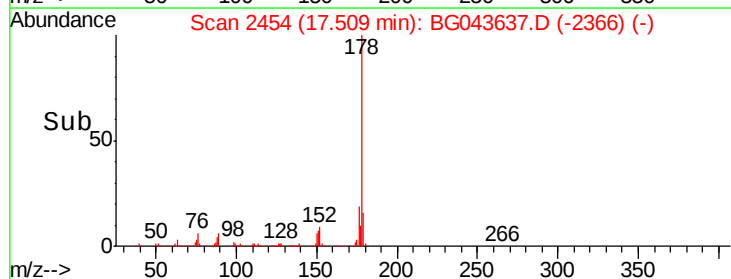
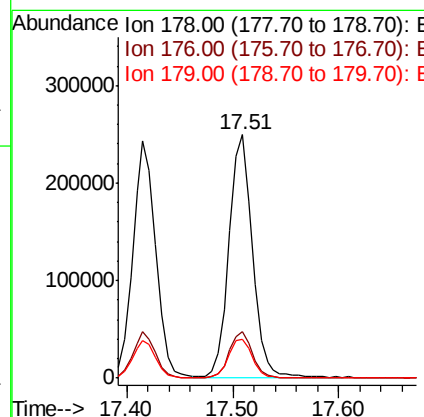
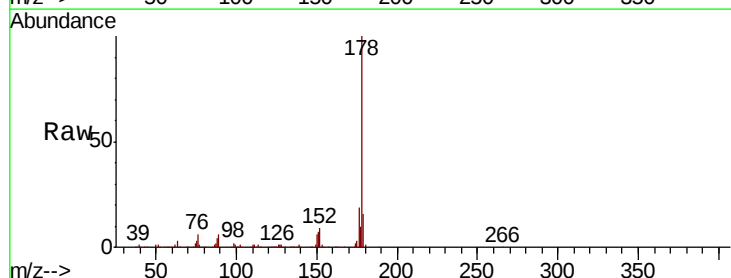
Manual Integrations  
APPROVED

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11/15/2019 6:00:32 PM



#72  
Anthracene  
Concen: 30.882 ng  
RT: 17.51 min Scan# 2454  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.5  | 23.3  |
| 179     | 15.9  | 13.7  | 20.5  |





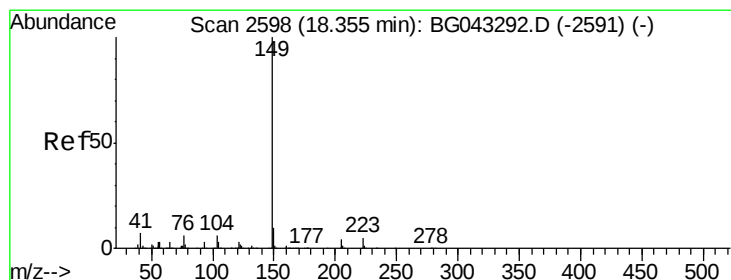
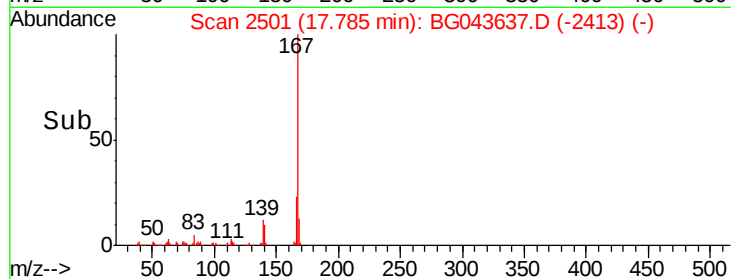
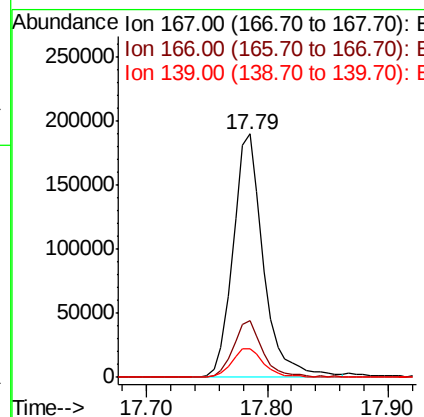
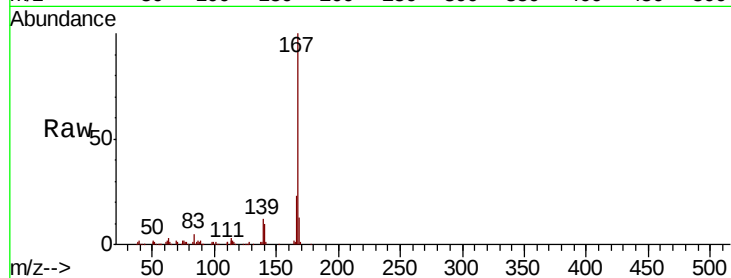
#73  
 Carbazole  
 Concen: 29.595 ng  
 RT: 17.79 min Scan# 2501  
 Delta R.T. -0.01 min  
 Lab File: BG043637.D  
 Acq: 14 Nov 2019 17:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.5  | 18.7  | 28.1  |
| 139     | 11.6  | 10.0  | 15.0  |

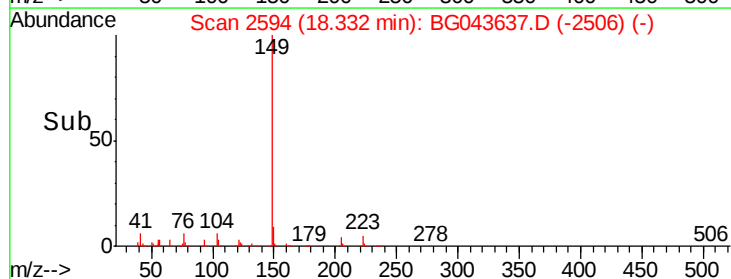
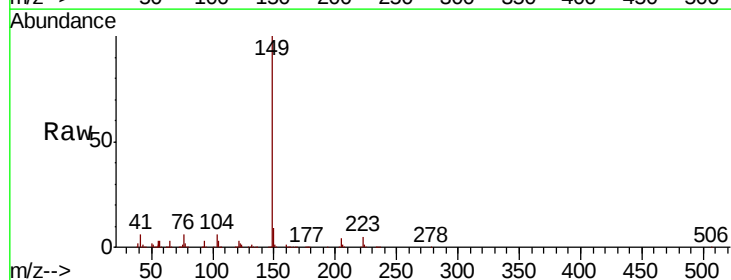
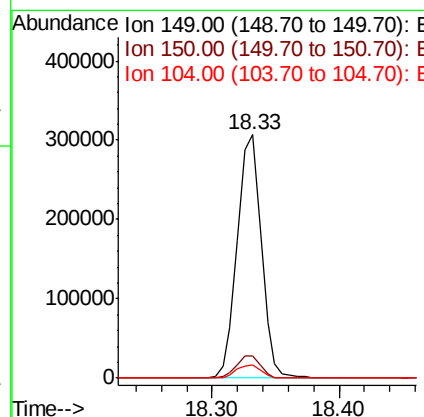
Manual Integrations  
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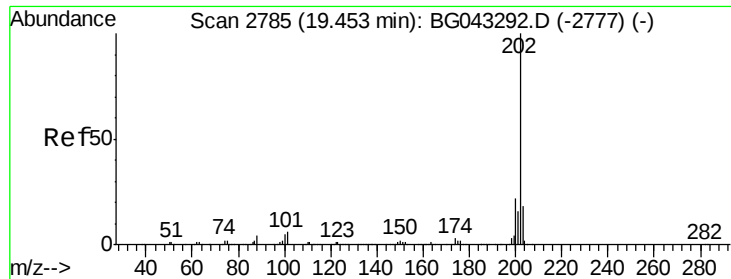
mohammad  
 11/15/2019 6:00:32 PM



#74  
 Di-n-butylphthalate  
 Concen: 29.626 ng  
 RT: 18.33 min Scan# 2594  
 Delta R.T. -0.01 min  
 Lab File: BG043637.D  
 Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 8.0   | 12.0  |
| 104     | 5.6   | 4.4   | 6.6   |





#75

Fluoranthene

Concen: 29.962 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

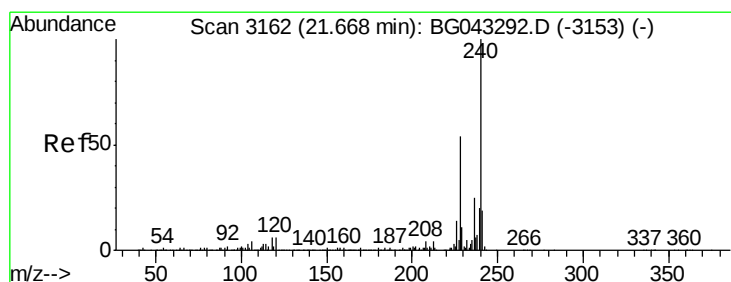
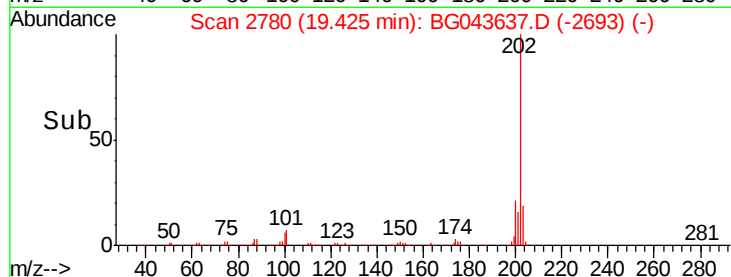
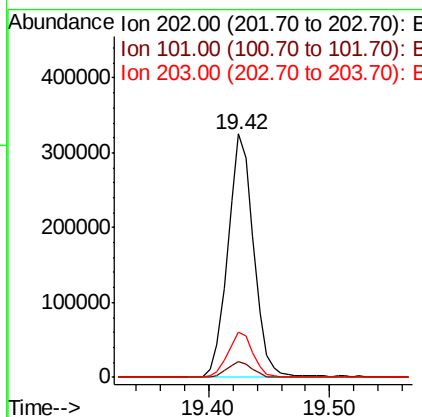
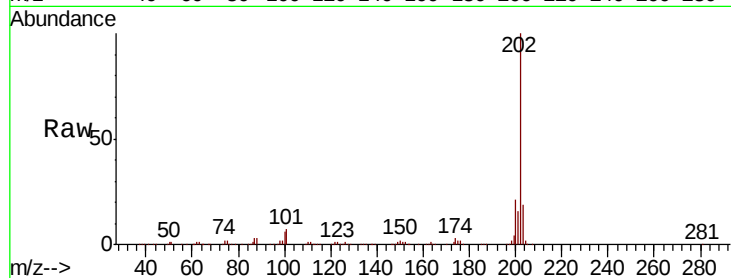
ClientSampleId :

TP-14B-SMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 483412 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 6.7   | 0.0   | 26.3   |
| 203       | 18.6  | 0.0   | 37.9   |

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#76

Chrysene-d12

Concen: 20.000 ng

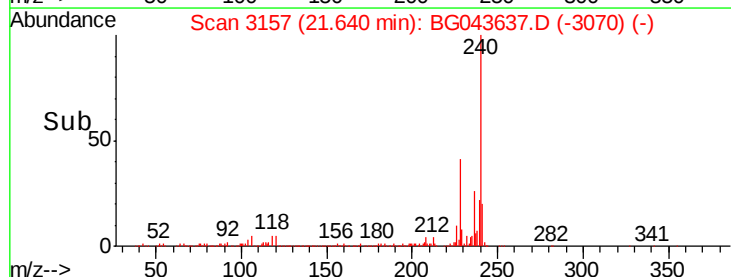
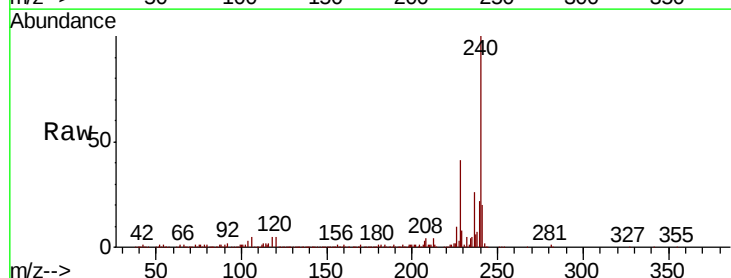
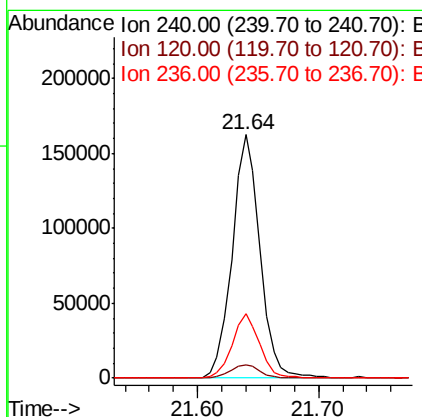
RT: 21.64 min Scan# 3157

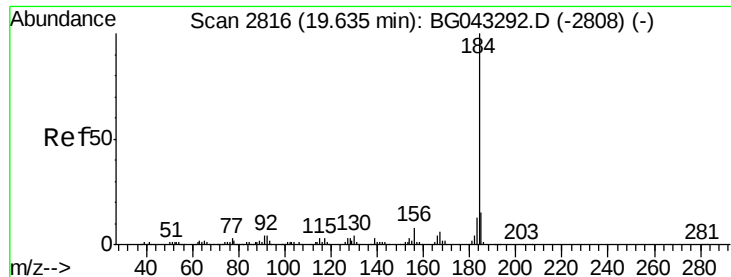
Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 260096 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 5.4   | 4.6   | 6.8    |
| 236       | 26.2  | 19.8  | 29.8   |





#77

Benzidine

Concen: 49.616 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

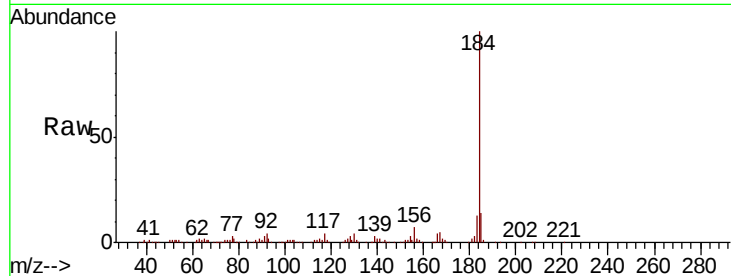
ClientSampleId :

TP-14B-SMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 259718 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.9  | 11.0  | 16.4   |
| 183       | 12.7  | 10.0  | 15.0   |

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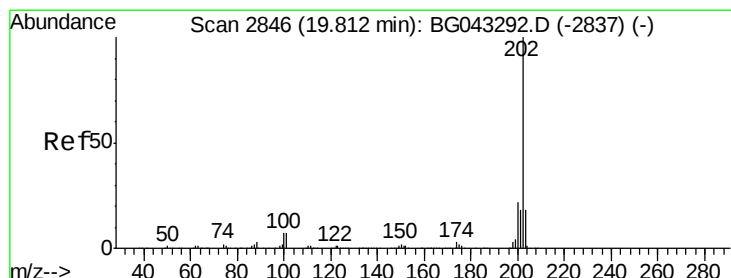
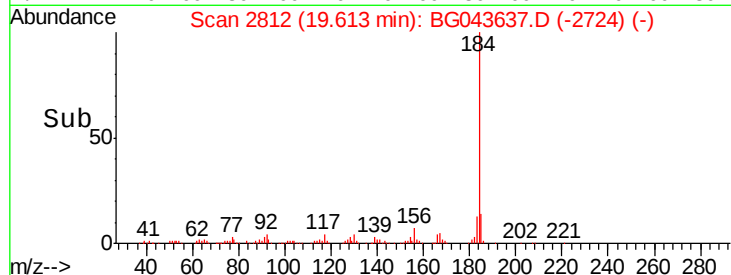
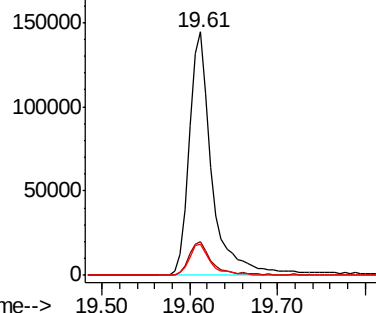


Abundance

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: 30.810 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

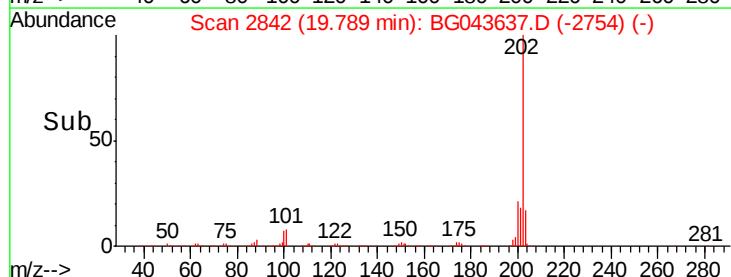
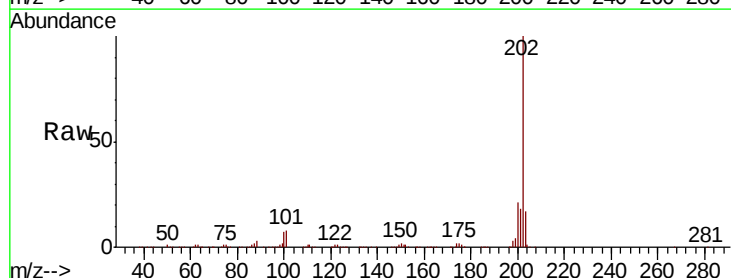
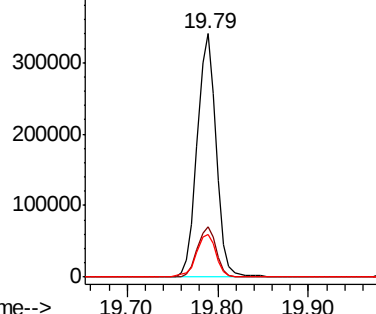
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 496025 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.8  | 17.0  | 25.4   |
| 203       | 17.4  | 14.7  | 22.1   |

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





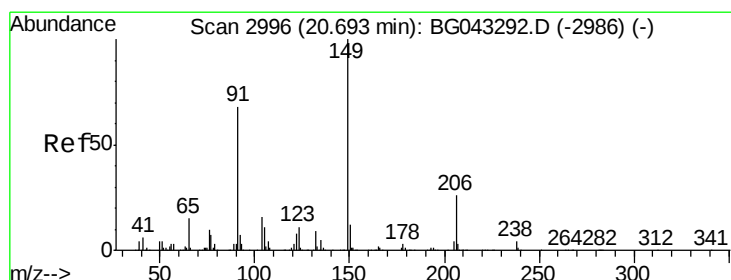
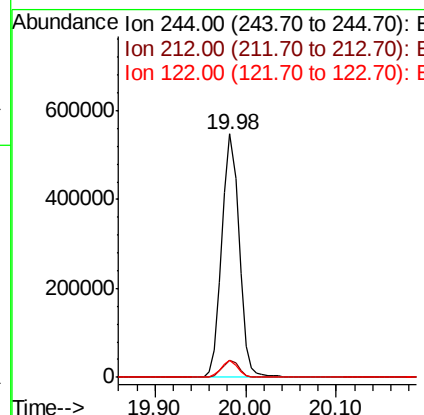
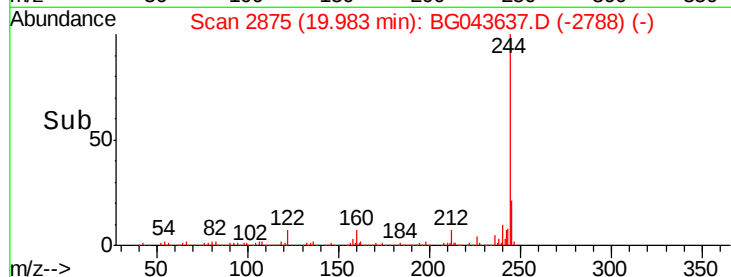
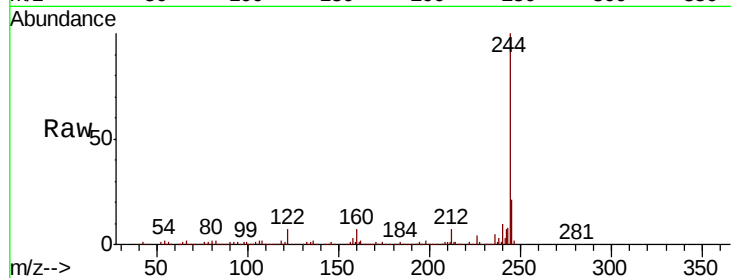
#79  
 Terphenyl-d14  
 Concen: 52.449 ng  
 RT: 19.98 min Scan# 2875  
 Delta R.T. -0.02 min  
 Lab File: BG043637.D  
 Acq: 14 Nov 2019 17:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-14B-SMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 727148 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.9   | 5.8   | 8.6    |
| 122       | 6.9   | 5.4   | 8.2    |

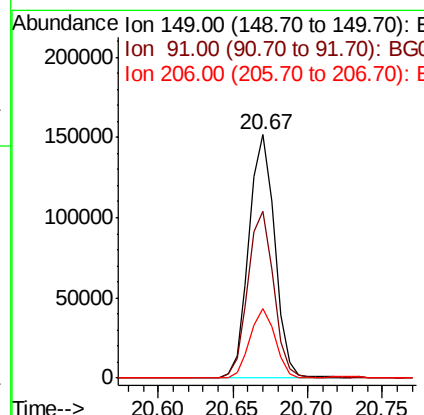
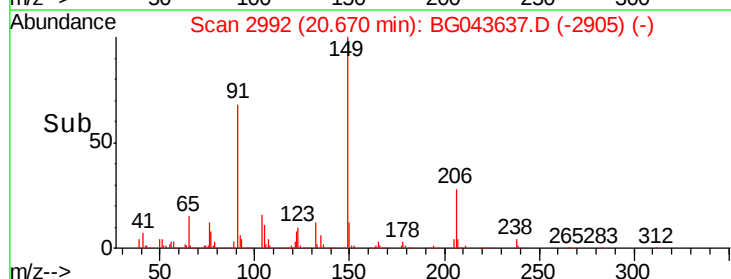
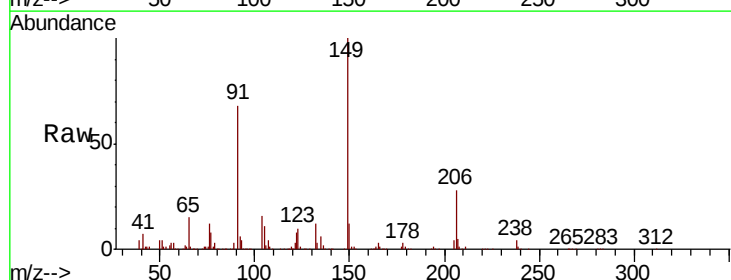
Manual Integrations  
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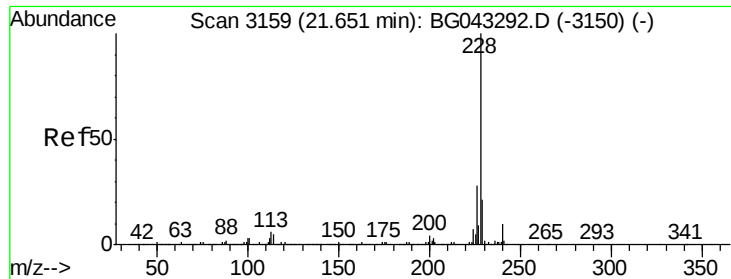
mohammad  
 11/15/2019 6:00:32 PM



#80  
 Butylbenzylphthalate  
 Concen: 29.910 ng  
 RT: 20.67 min Scan# 2992  
 Delta R.T. -0.02 min  
 Lab File: BG043637.D  
 Acq: 14 Nov 2019 17:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 182435 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 68.5  | 51.2  | 76.8   |
| 206       | 28.4  | 22.5  | 33.7   |





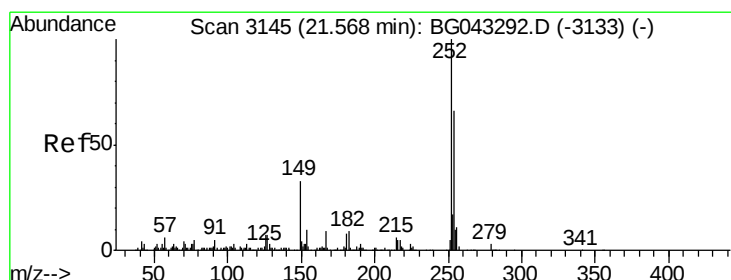
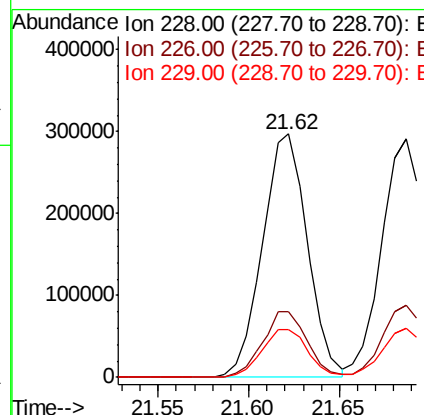
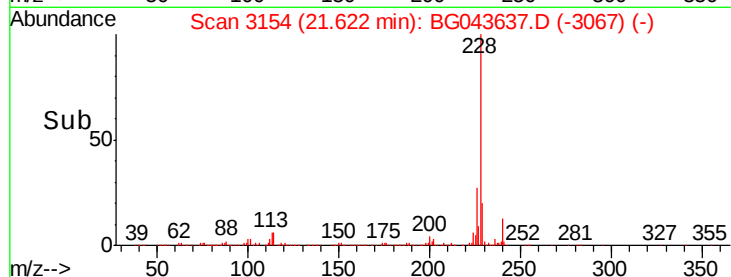
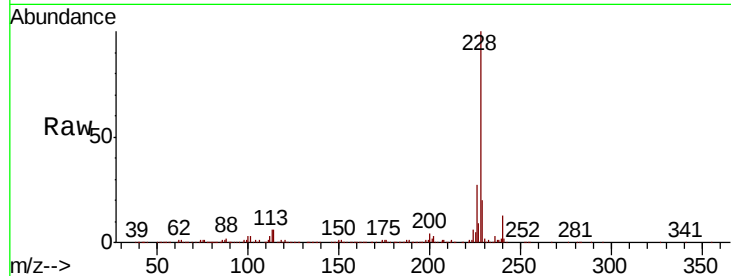
#81  
Benzo(a)anthracene  
Concen: 31.397 ng  
RT: 21.62 min Scan# 3154  
Delta R.T. -0.02 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.1  | 22.2  | 33.2  |
| 229     | 19.7  | 17.0  | 25.4  |

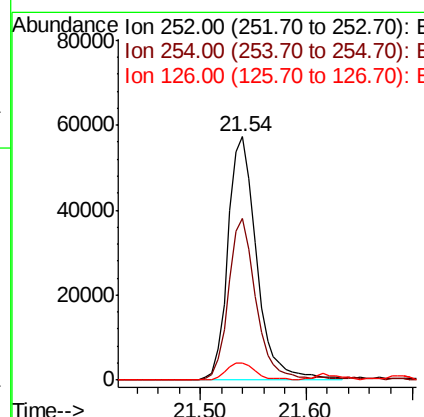
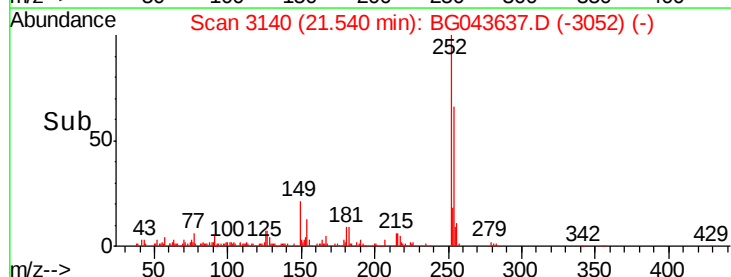
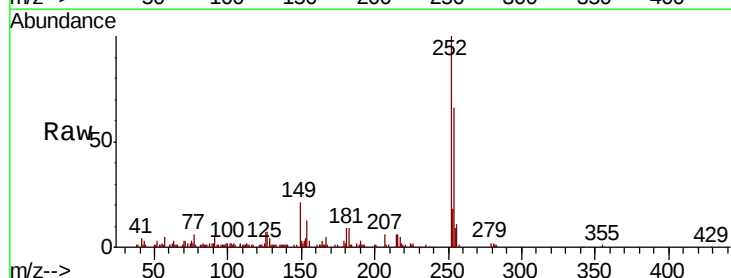
Manual Integrations  
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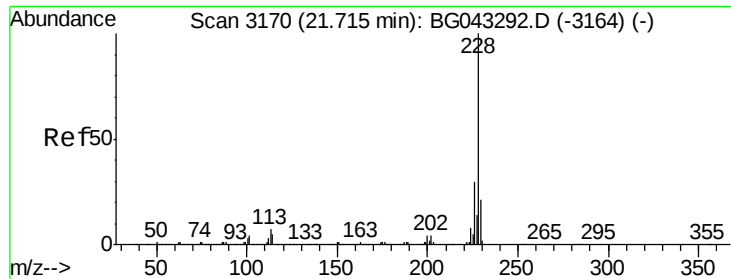
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 17.096 ng  
RT: 21.54 min Scan# 3140  
Delta R.T. -0.01 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.2  | 50.8  | 76.2  |
| 126     | 7.3   | 6.1   | 9.1   |





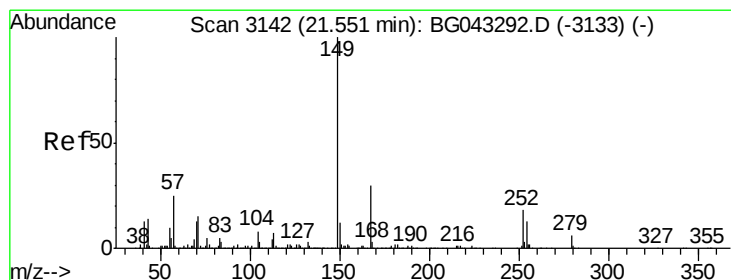
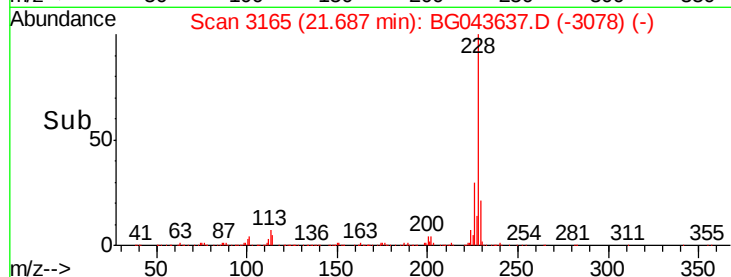
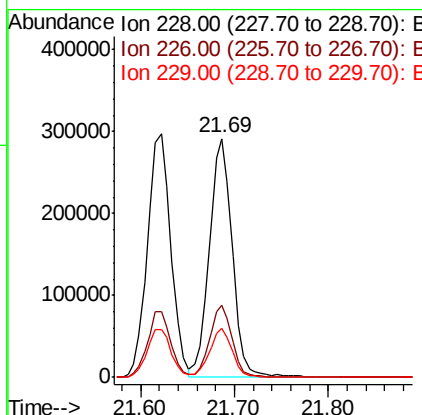
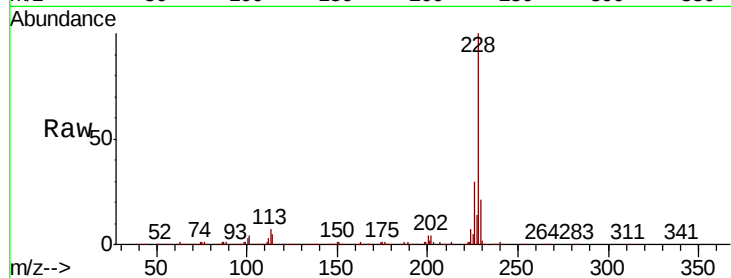
#83  
 Chrvsene  
 Concen: 30.604 ng  
 RT: 21.69 min Scan# 3165  
 Delta R.T. -0.02 min  
 Lab File: BG043637.D  
 Acq: 14 Nov 2019 17:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-14B-SMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 495403 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.3  | 25.1  | 37.7   |
| 229       | 20.6  | 17.0  | 25.4   |

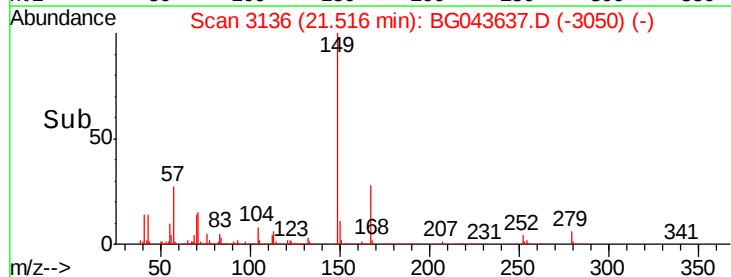
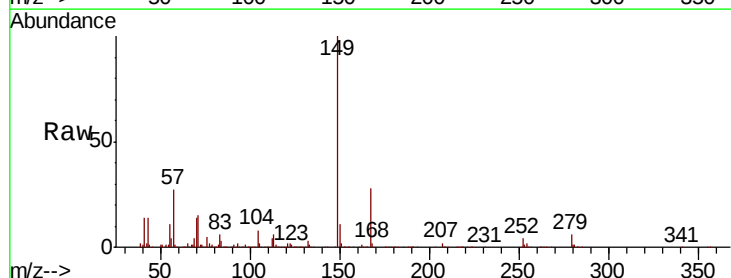
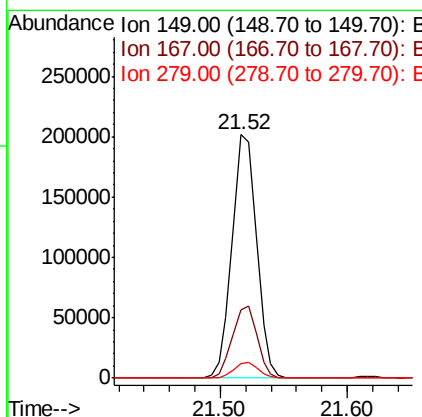
Manual Integrations  
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 31.357 ng  
 RT: 21.52 min Scan# 3136  
 Delta R.T. -0.02 min  
 Lab File: BG043637.D  
 Acq: 14 Nov 2019 17:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 271693 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.0  | 24.0  | 36.0   |
| 279       | 5.9   | 5.4   | 8.2    |





#85

Di-n-octyl phthalate

Concen: 31.996 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.03 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

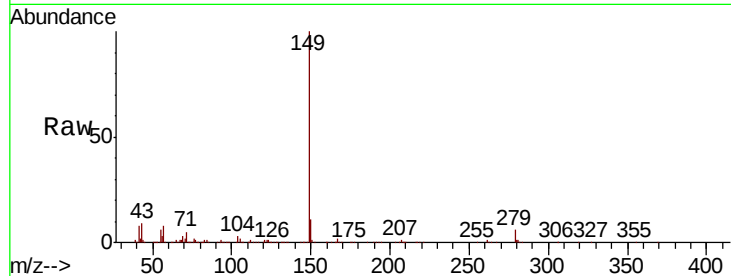
ClientSampleId :

TP-14B-SMSD

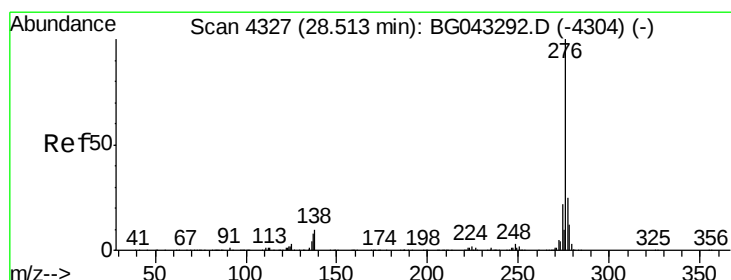
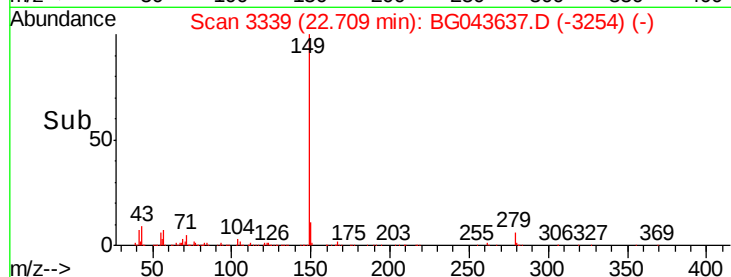
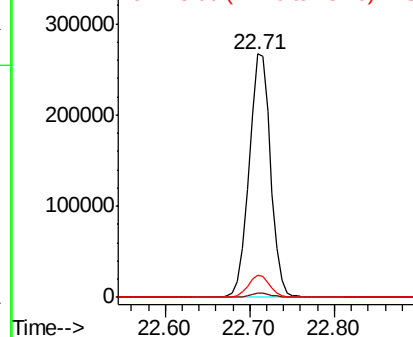
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 470341 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.7   | 1.4   | 2.2    |
| 43        | 9.1   | 7.0   | 10.6   |

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.801 ng

RT: 28.46 min Scan# 4317

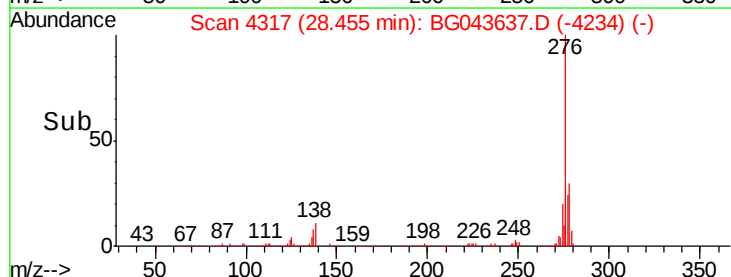
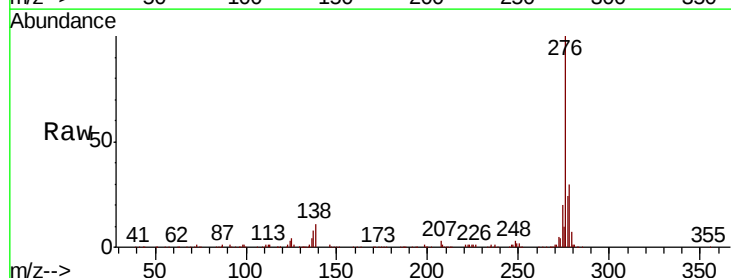
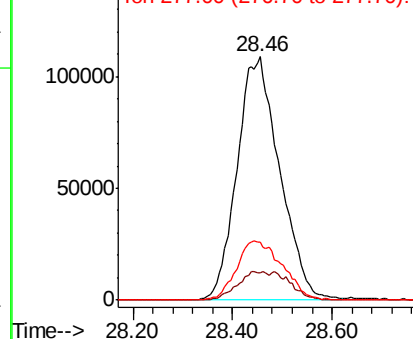
Delta R.T. -0.04 min

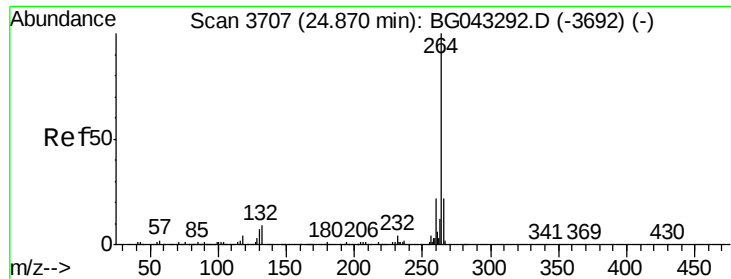
Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 646174 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 5.7   | 6.8   | 10.2#  |
| 277       | 26.0  | 20.9  | 31.3   |

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

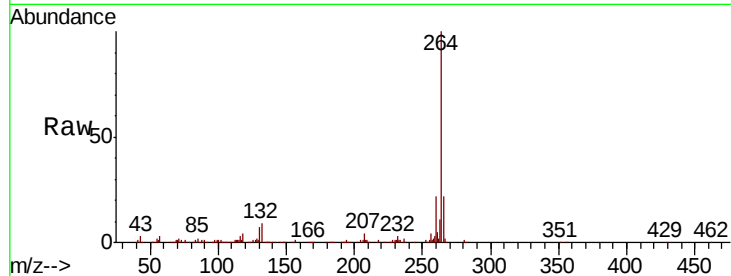
ClientSampleId :

TP-14B-SMSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 264  | Resp: | 310114 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 22.3 | 17.5  | 26.3   |
| 265       | 22.0 | 17.4  | 26.0   |

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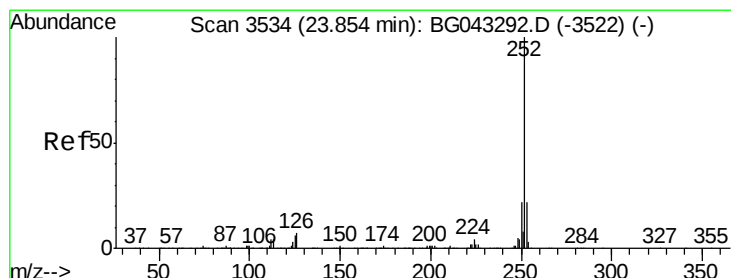
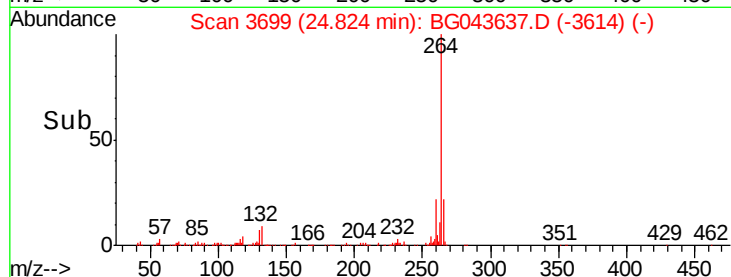
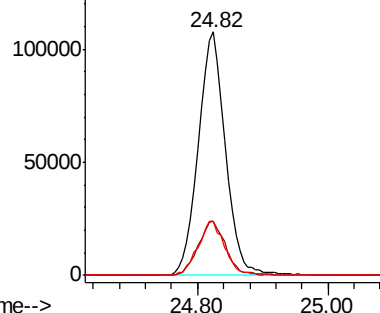


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 30.253 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

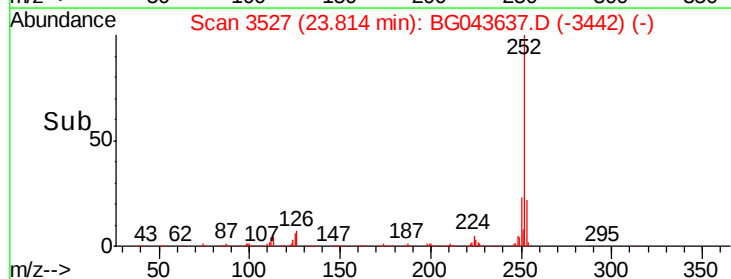
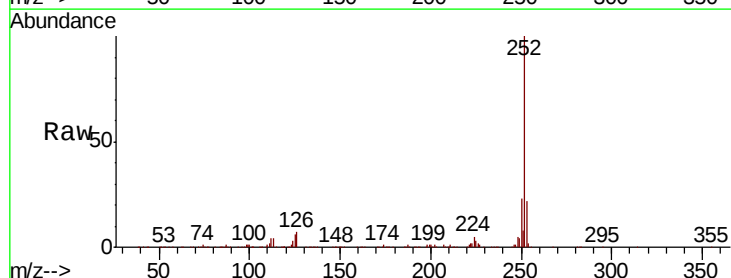
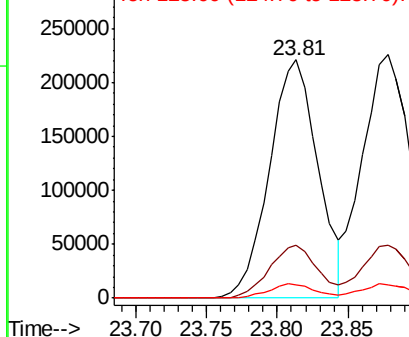
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 531353 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 22.5 | 17.7  | 26.5   |
| 125       | 5.6  | 4.5   | 6.7    |

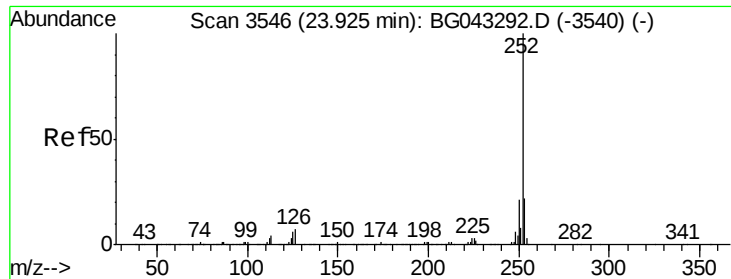
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





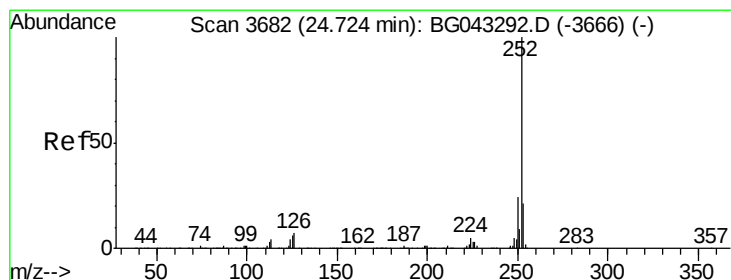
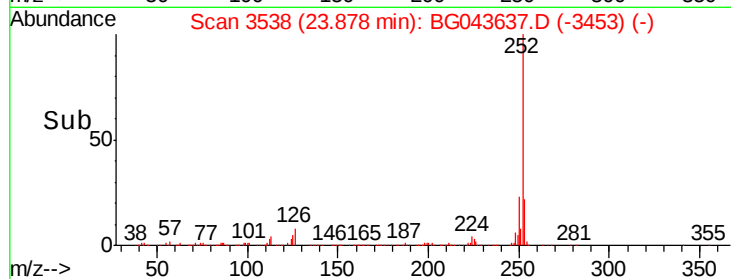
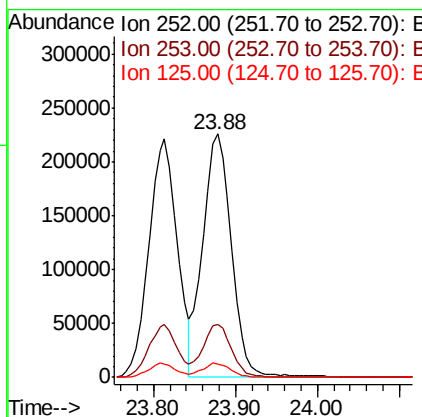
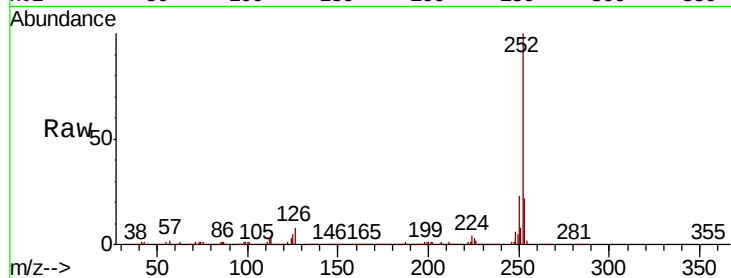
#89  
Benzo(k)fluoranthene  
Concen: 30.949 ng  
RT: 23.88 min Scan# 3538  
Delta R.T. -0.03 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14B-SMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.3  | 25.9  |
| 125     | 5.3   | 4.6   | 6.8   |

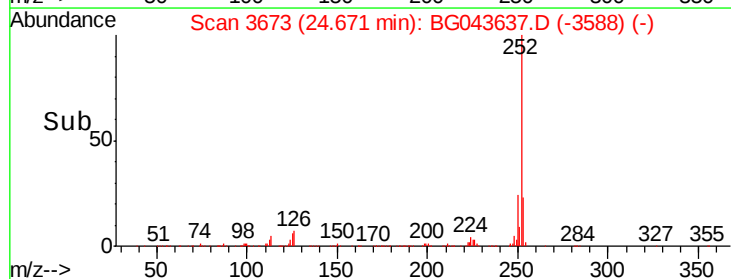
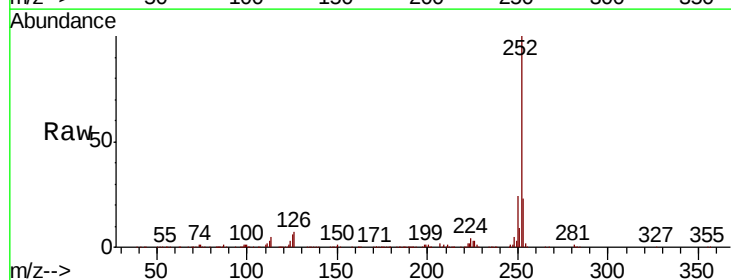
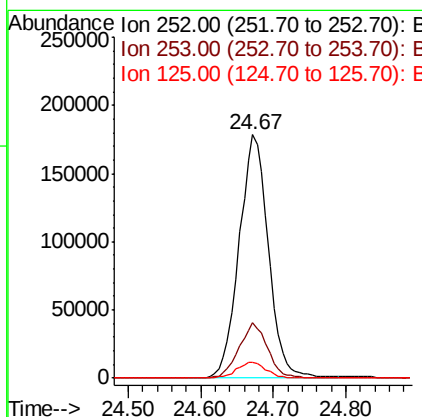
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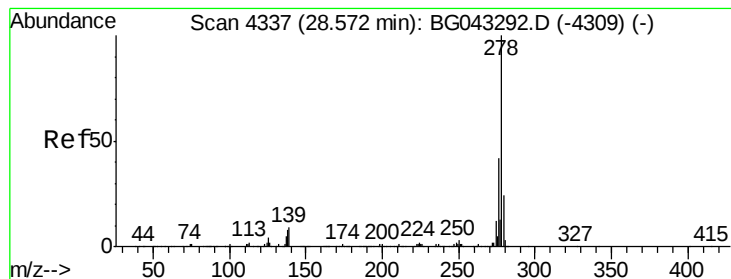
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#90  
Benzo(a)pyrene  
Concen: 29.844 ng  
RT: 24.67 min Scan# 3673  
Delta R.T. -0.03 min  
Lab File: BG043637.D  
Acq: 14 Nov 2019 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.8  | 26.8  |
| 125     | 6.3   | 5.4   | 8.2   |





#91

Dibenzo(a,h)anthracene

Concen: 31.899 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.05 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA\_G

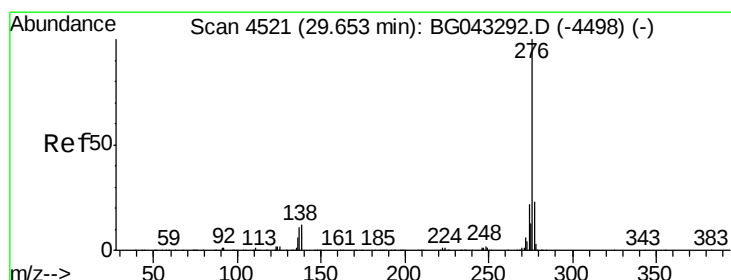
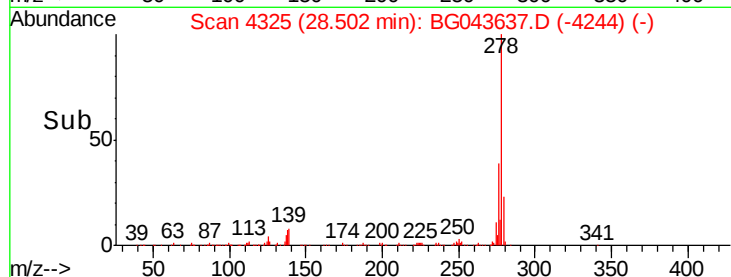
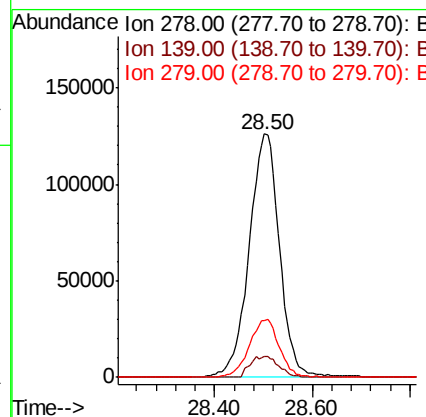
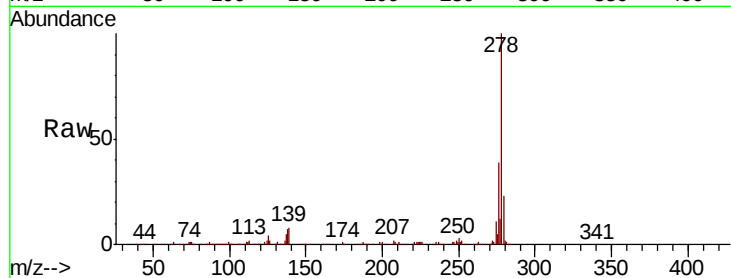
ClientSampleId :

TP-14B-SMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 547239 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 8.3   | 7.4   | 11.0   |
| 279       | 23.3  | 19.1  | 28.7   |

Manual Integrations  
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#92

Benzo(g,h,i)perylene

Concen: 31.934 ng

RT: 29.59 min Scan# 4510

Delta R.T. -0.04 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 540393 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 25.2  | 18.9  | 28.3   |
| 138       | 12.8  | 8.9   | 13.3   |

