

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\  
 Data File : BG043770.D  
 Acq On : 25 Nov 2019 15:38  
 Operator : JU  
 Sample : PB125036BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB125036BS

Manual Integrations  
 APPROVED

mohammad  
 11/26/2019 12:48:49 PM

Quant Time: Nov 26 00:40:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 23 00:54:00 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 35241    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 211244   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 196375   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 574260   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.66 | 240  | 708245   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.84 | 264  | 617991   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.60  | 112 | 353365  | 180.27 | ng | 0.00 |
| 7) Phenol-d6                | 7.18  | 99  | 547564  | 192.16 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.18  | 82  | 245233  | 63.83  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.14 | 330 | 307359  | 129.77 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.28 | 172 | 720750  | 60.33  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.01 | 244 | 1973056 | 62.95  | ng | 0.00 |

|                                |       |     |        |           |        |
|--------------------------------|-------|-----|--------|-----------|--------|
| Target Compounds               |       |     |        |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.52  | 88  | 25336  | 29.150 ng | 92     |
| 3) Pyridine                    | 3.91  | 79  | 82075  | 33.537 ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 53392  | 43.918 ng | 86     |
| 6) Aniline                     | 7.35  | 93  | 155309 | 41.824 ng | 98     |
| 8) 2-Chlorophenol              | 7.59  | 128 | 142597 | 63.780 ng | 93     |
| 9) Benzaldehyde                | 7.16  | 77  | 68504  | 40.246 ng | 93     |
| 10) Phenol                     | 7.21  | 94  | 204189 | 69.801 ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 124120 | 50.840 ng | 93     |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 112768 | 42.846 ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 116881 | 43.845 ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 118793 | 47.096 ng | 100    |
| 15) Benzyl Alcohol             | 8.26  | 79  | 143540 | 60.308 ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 191763 | 45.672 ng | 99     |
| 17) 2-Methylphenol             | 8.46  | 107 | 142003 | 67.896 ng | 97     |
| 18) Hexachloroethane           | 9.12  | 117 | 40537  | 40.282 ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 124043 | 55.355 ng | 92     |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 202751 | 69.487 ng | 98     |
| 22) Acetophenone               | 8.85  | 105 | 218170 | 38.967 ng | # 96   |
| 24) Nitrobenzene               | 9.22  | 77  | 165094 | 41.804 ng | 98     |
| 25) Isophorone                 | 9.75  | 82  | 364047 | 44.190 ng | 96     |
| 26) 2-Nitrophenol              | 9.94  | 139 | 65636  | 46.066 ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 170036 | 60.776 ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 207397 | 40.846 ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 176030 | 51.755 ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180 | 151504 | 38.013 ng | 97     |
| 31) Naphthalene                | 10.88 | 128 | 455812 | 43.498 ng | 99     |
| 32) Benzoic acid               | 10.10 | 122 | 121111 | 60.028 ng | 98     |
| 33) 4-Chloroaniline            | 10.98 | 127 | 163890 | 32.462 ng | 95     |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 83156  | 31.729 ng | 95     |
| 35) Caprolactam                | 11.72 | 113 | 88418m | 63.932 ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.10 | 107 | 216336 | 56.599 ng | 97     |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 389649 | 49.342 ng | 98     |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 373227 | 49.800 ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 203015 | 32.490 ng | 98     |

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 BNA\_G  
 ClientSampleID :  
 PB125036BS

Manual Integrations  
 APPROVED

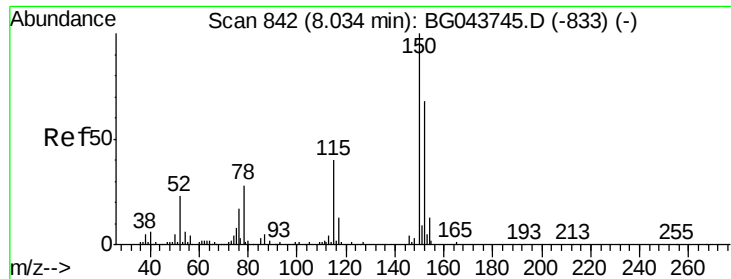
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 11/26/2019 12:48:49 PM

Quant Time: Nov 26 00:40:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 23 00:54:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.84 | 237  | 204454   | 60.561  | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 169743   | 42.238  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.15 | 196  | 198472   | 47.472  | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 532154   | 39.094  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 427029   | 38.469  | nq    | 98       |
| 48) 2-Nitroaniline             | 13.72 | 65   | 157299   | 48.402  | nq    | 100      |
| 49) Acenaphthylene             | 14.37 | 152  | 756343   | 43.307  | nq    | 99       |
| 50) Dimethylphthalate          | 14.11 | 163  | 658803   | 42.350  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.22 | 165  | 148516   | 51.410  | nq    | 95       |
| 52) Acenaphthene               | 14.72 | 154  | 502646   | 45.004  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.54 | 138  | 135350   | 40.112  | nq #  | 92       |
| 54) 2,4-Dinitrophenol          | 14.74 | 184  | 118919   | 100.754 | nq #  | 69       |
| 55) Dibenzofuran               | 15.05 | 168  | 761876   | 43.787  | nq    | 99       |
| 56) 4-Nitrophenol              | 14.84 | 139  | 353038   | 124.213 | nq    | 93       |
| 57) 2,4-Dinitrotoluene         | 15.00 | 165  | 223998   | 55.910  | nq    | 96       |
| 58) Fluorene                   | 15.70 | 166  | 632430   | 44.322  | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 201701   | 48.034  | nq #  | 88       |
| 60) Diethylphthalate           | 15.48 | 149  | 707676   | 44.460  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 325894   | 41.483  | nq    | 100      |
| 62) 4-Nitroaniline             | 15.70 | 138  | 198751   | 51.367  | nq    | 92       |
| 63) Azobenzene                 | 15.99 | 77   | 651063   | 44.467  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 92997    | 44.967  | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 632455   | 41.597  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.59 | 248  | 225148   | 37.178  | nq    | 99       |
| 68) Hexachlorobenzene          | 16.71 | 284  | 242480   | 36.626  | nq    | 94       |
| 69) Atrazine                   | 16.85 | 200  | 283761   | 46.568  | nq    | 96       |
| 70) Pentachlorophenol          | 17.05 | 266  | 377746   | 93.506  | nq    | 98       |
| 71) Phenanthrene               | 17.44 | 178  | 1219794  | 42.928  | nq    | 99       |
| 72) Anthracene                 | 17.53 | 178  | 1255740  | 43.748  | nq    | 99       |
| 73) Carbazole                  | 17.79 | 167  | 1295313  | 46.900  | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.37 | 149  | 1500593  | 41.227  | nq    | 99       |
| 75) Fluoranthene               | 19.45 | 202  | 1758691  | 43.148  | nq    | 95       |
| 77) Benzidine                  | 19.62 | 184  | 539503   | 26.077  | nq    | 100      |
| 78) Pyrene                     | 19.80 | 202  | 1807649  | 39.547  | nq    | 97       |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 888495   | 42.670  | nq    | 100      |
| 81) Benzo(a)anthracene         | 21.64 | 228  | 1910973  | 40.360  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.55 | 252  | 541177   | 30.479  | nq    | 99       |
| 83) Chrysene                   | 21.71 | 228  | 1773815  | 39.591  | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 1187424  | 40.529  | nq    | 96       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 1727272  | 36.347  | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.45 | 276  | 1827631  | 35.068  | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 23.84 | 252  | 1581967  | 42.874  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 23.90 | 252  | 1547070  | 43.688  | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.69 | 252  | 1444354  | 41.629  | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.53 | 278  | 1502227  | 44.637  | nq #  | 95       |
| 92) Benzo(g,h,i)perylene       | 29.58 | 276  | 1514152  | 45.623  | nq    | 98       |

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





#1

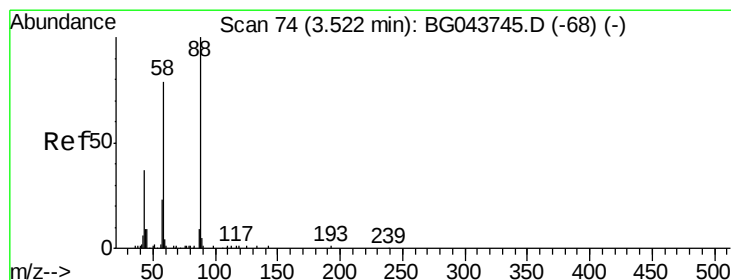
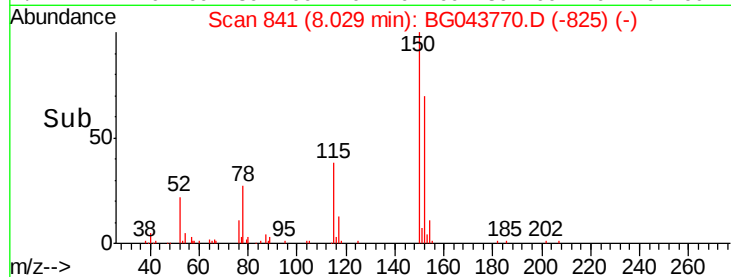
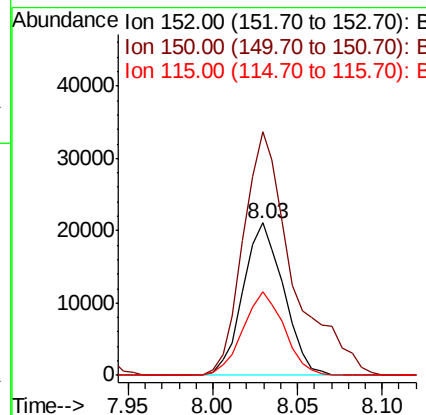
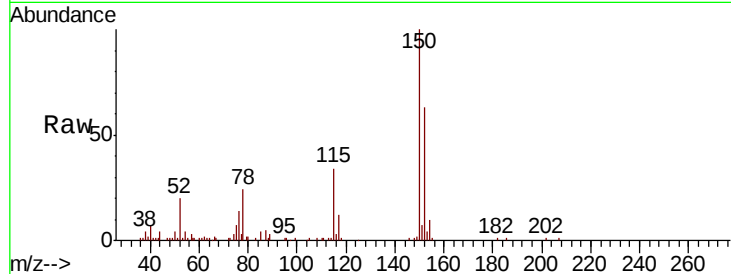
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.03 min Scan# 841  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.9 | 117.8 | 176.8 |
| 115     | 54.9  | 47.0  | 70.4  |

Manual Integrations  
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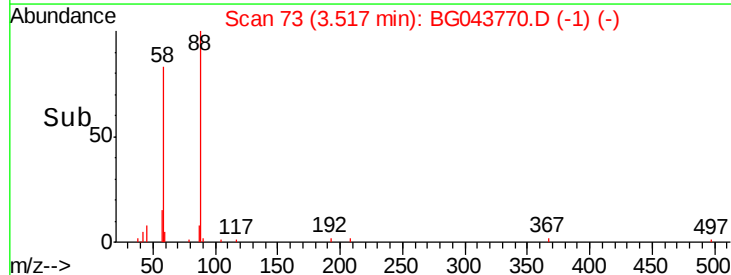
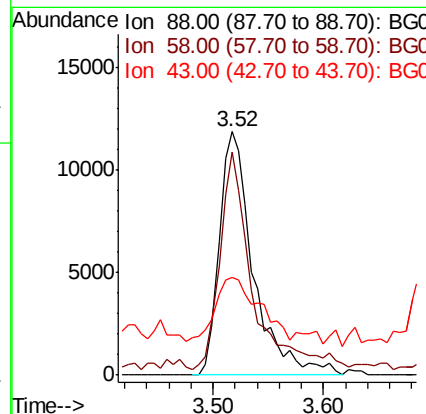
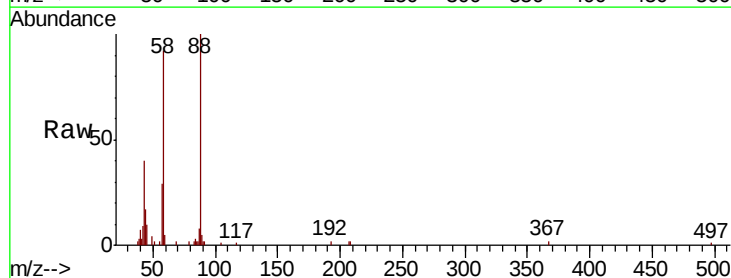
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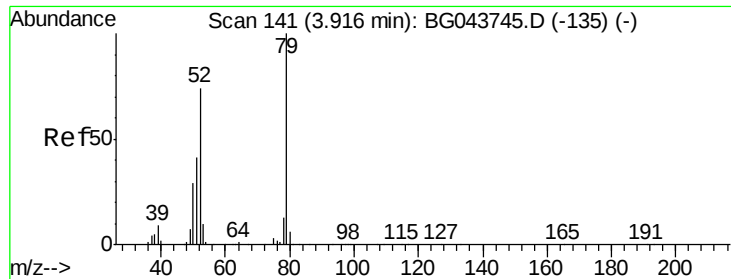


#2

1,4-Dioxane  
Concen: 29.150 ng  
RT: 3.52 min Scan# 73  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 86.1  | 62.3  | 93.5  |
| 43      | 32.9  | 28.9  | 43.3  |





#3

Pvridine

Concen: 33.537 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

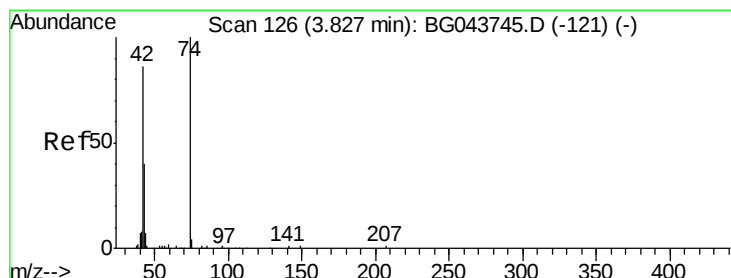
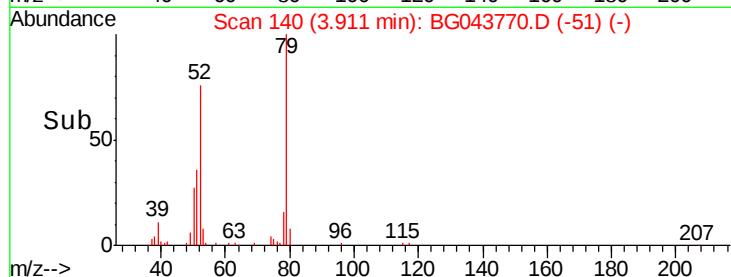
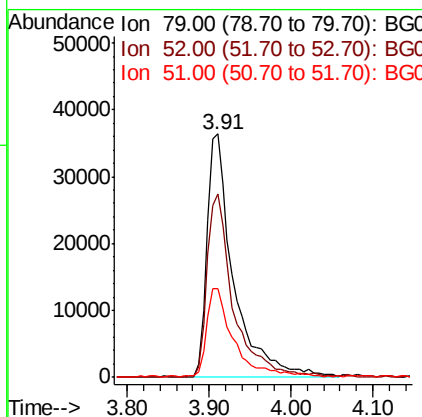
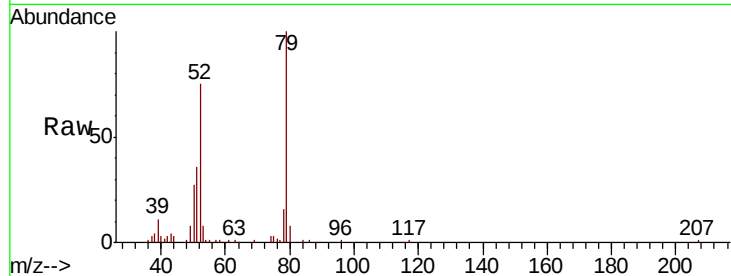
ClientSampleId :

PB125036BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 82075 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 75.3  | 59.0  | 88.6  |
| 51       | 36.3  | 32.9  | 49.3  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 43.918 ng

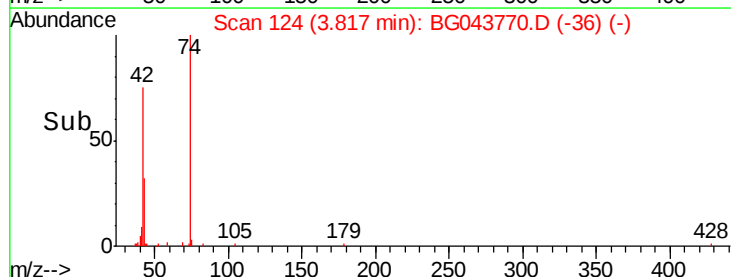
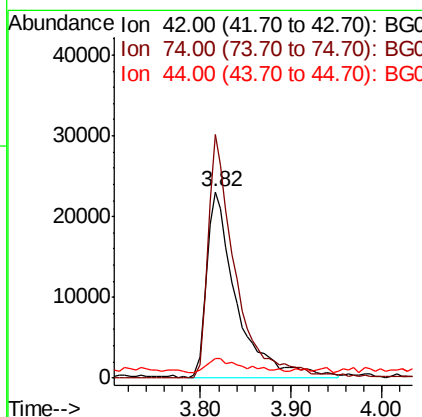
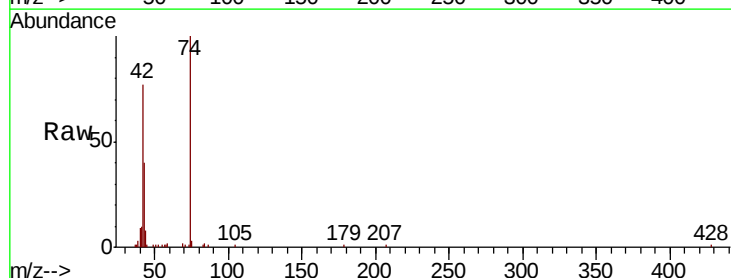
RT: 3.82 min Scan# 124

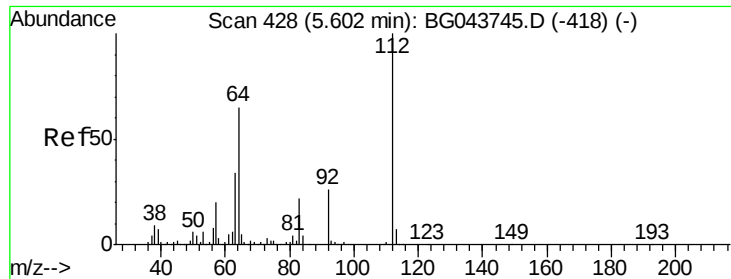
Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 53392 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 130.7 | 91.9  | 137.9 |
| 44       | 10.3  | 9.1   | 13.7  |





#5

2-Fluorophenol

Concen: 180.265 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

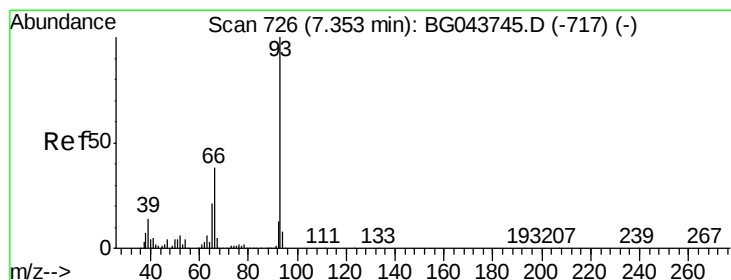
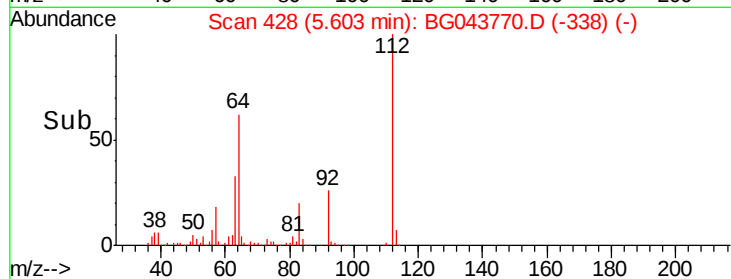
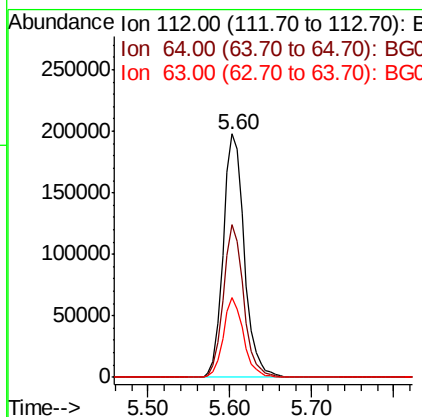
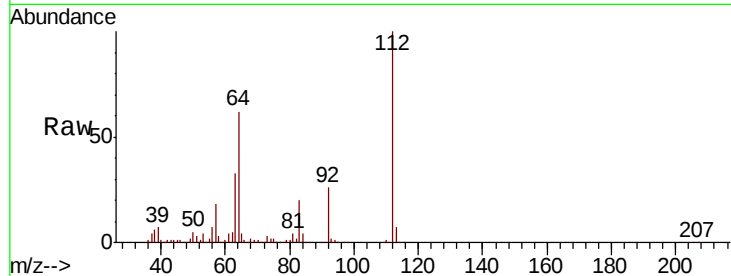
ClientSampleId :

PB125036BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 353365 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 62.5  | 51.7  | 77.5   |
| 63        | 32.6  | 26.8  | 40.2   |

Manual Integrations  
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#6

Aniline

Concen: 41.824 ng

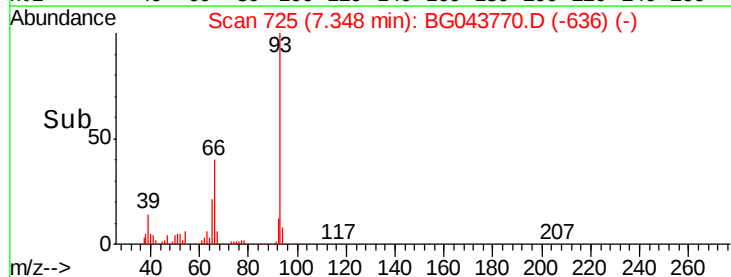
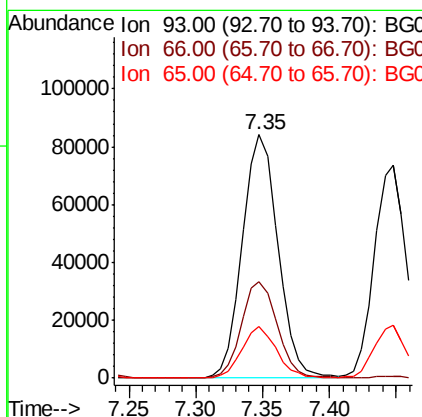
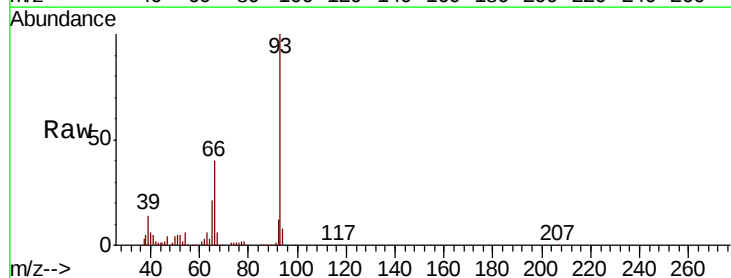
RT: 7.35 min Scan# 725

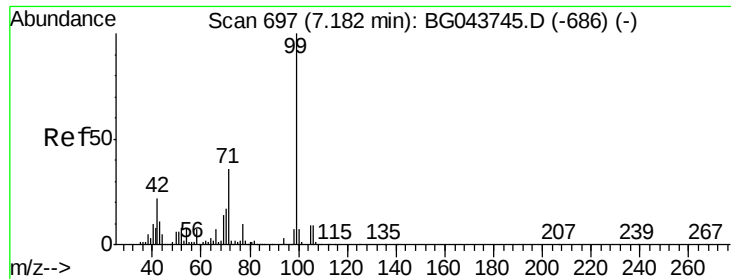
Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 155309 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.8  | 30.6  | 46.0   |
| 65        | 21.1  | 16.8  | 25.2   |





#7

Phenol-d6

Concen: 192.157 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

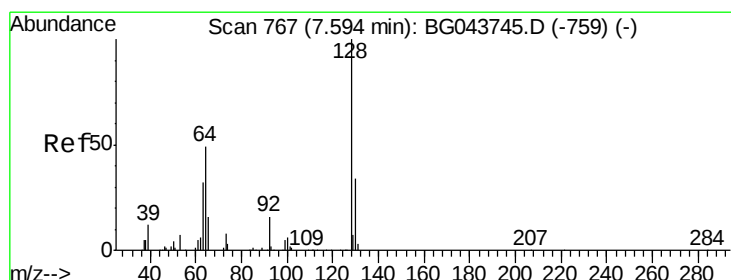
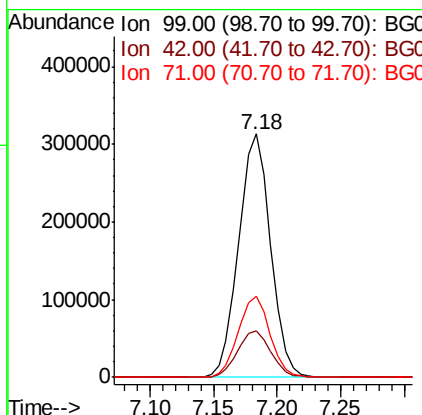
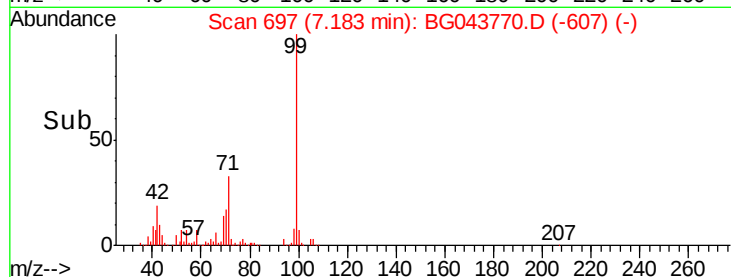
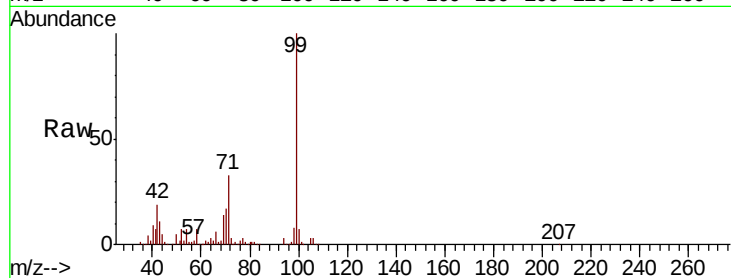
ClientSampleId :

PB125036BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 547564 |       |       |
| 42      | 19.3 | 17.4  | 26.0   |       |       |
| 71      | 33.3 | 29.5  | 44.3   |       |       |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 63.780 ng

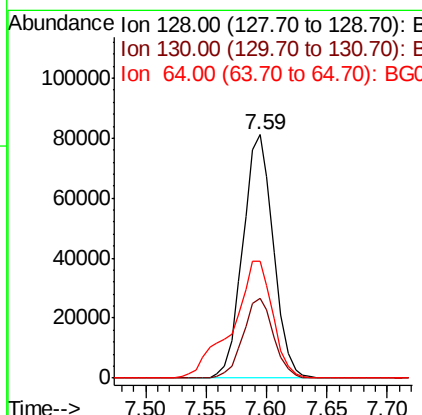
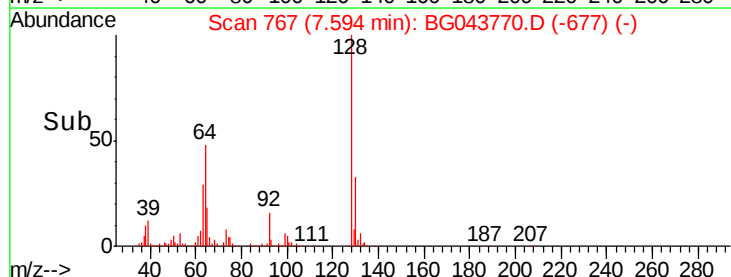
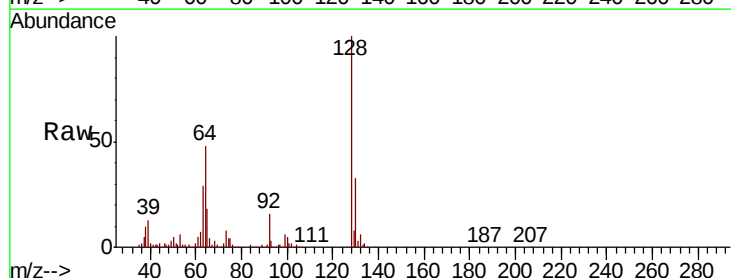
RT: 7.59 min Scan# 767

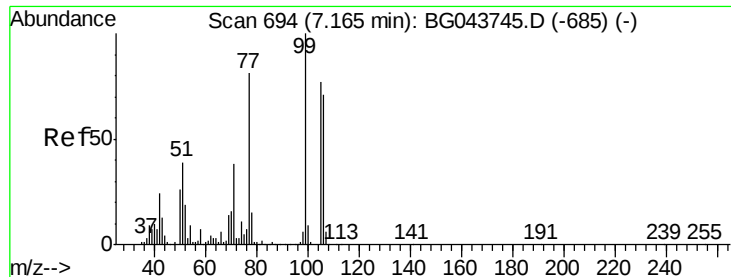
Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 142597 |       |       |
| 130     | 32.5 | 14.3  | 54.3   |       |       |
| 64      | 48.1 | 34.5  | 74.5   |       |       |





#9

Benzaldehyde

Concen: 40.246 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

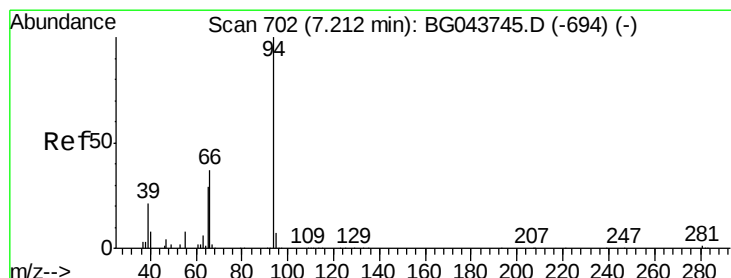
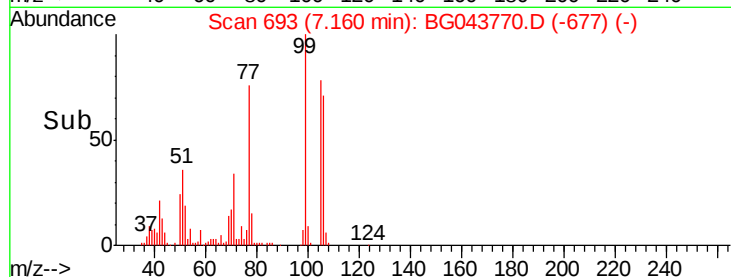
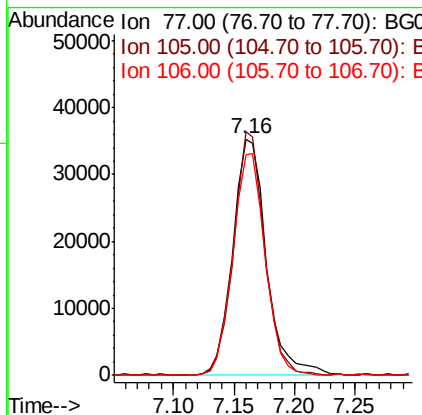
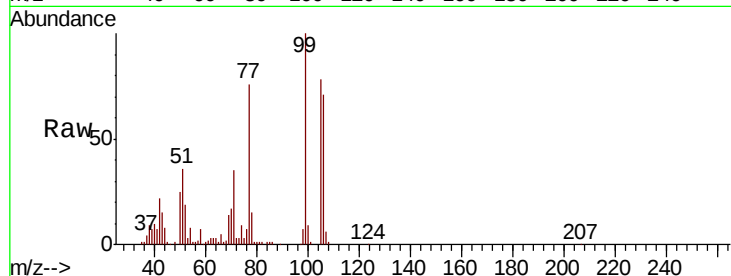
ClientSampleId :

PB125036BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 68504 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 102.9 | 75.0  | 115.0 |
| 106      | 93.5  | 67.4  | 107.4 |

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#10

Phenol

Concen: 69.801 ng

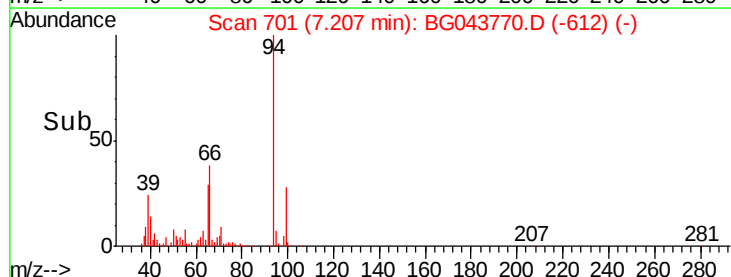
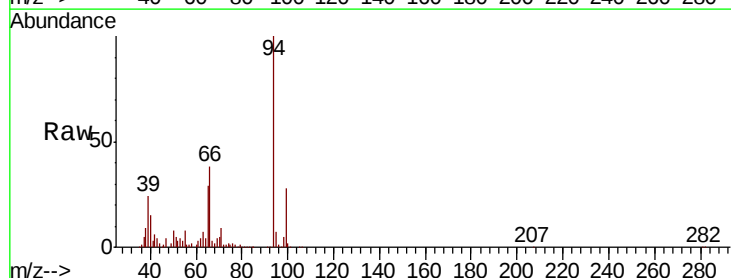
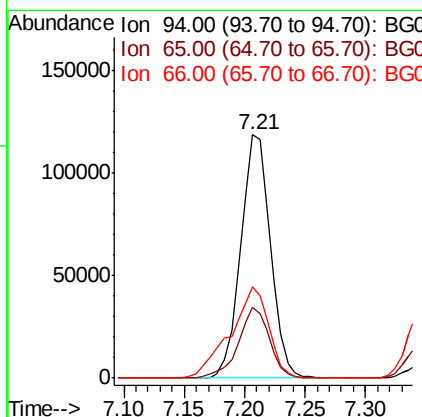
RT: 7.21 min Scan# 701

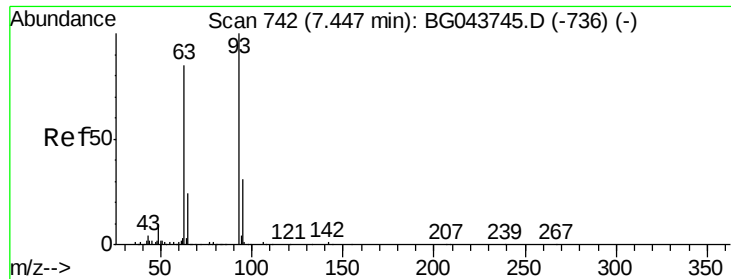
Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 204189 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.1  | 10.3  | 50.3   |
| 66       | 37.6  | 20.5  | 60.5   |





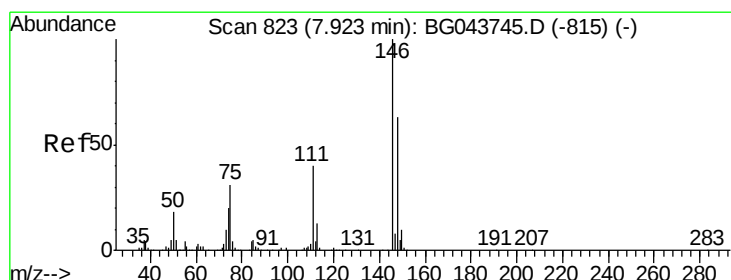
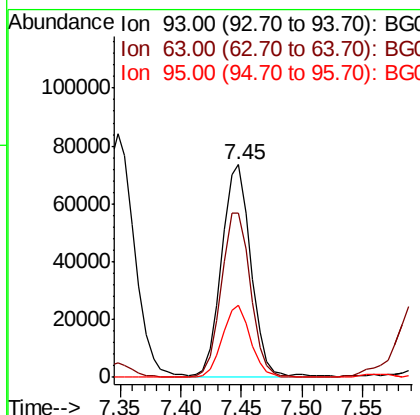
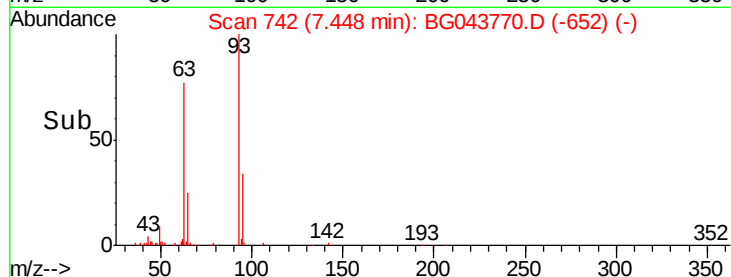
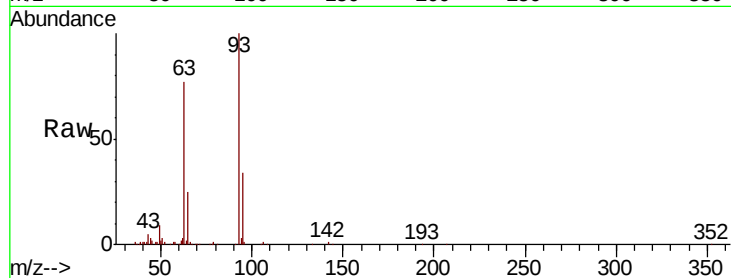
#11  
bis(2-Chloroethyl)ether  
Concen: 50.840 ng  
RT: 7.45 min Scan# 742  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 124120 |       |       |
| 63      | 77.4 | 64.4  | 104.4  |       |       |
| 95      | 33.8 | 11.3  | 51.3   |       |       |

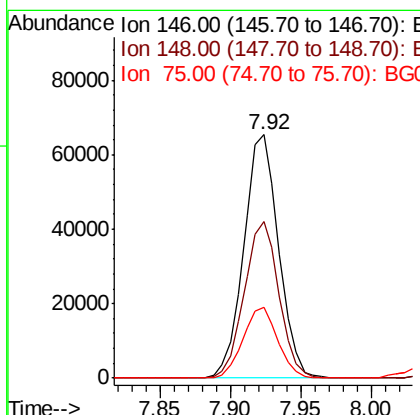
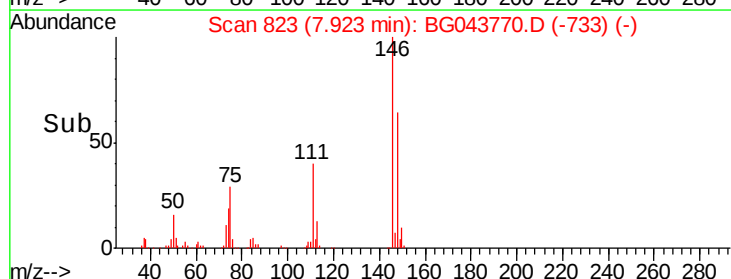
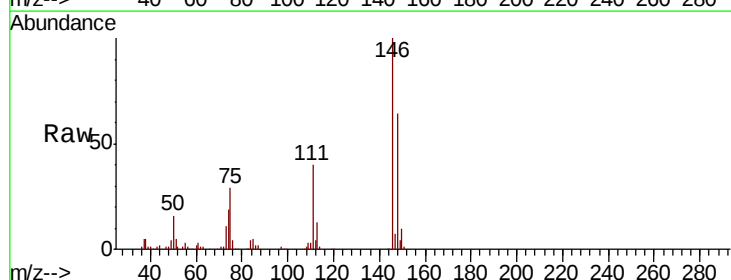
Manual Integrations  
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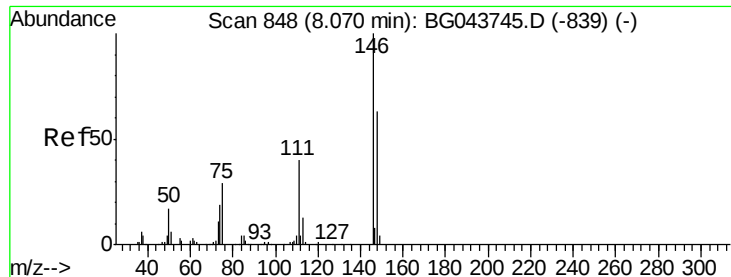
mohammad  
11/26/2019 12:48:49 PM



#12  
1,3-Dichlorobenzene  
Concen: 42.846 ng  
RT: 7.92 min Scan# 823  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 112768 |       |       |
| 148     | 64.4 | 50.6  | 75.8   |       |       |
| 75      | 29.3 | 25.2  | 37.8   |       |       |





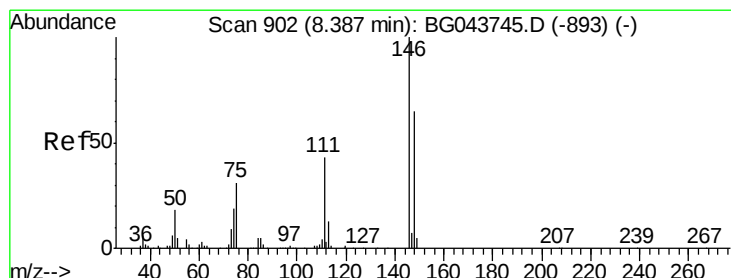
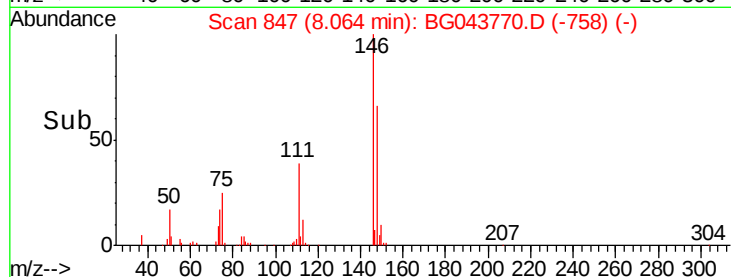
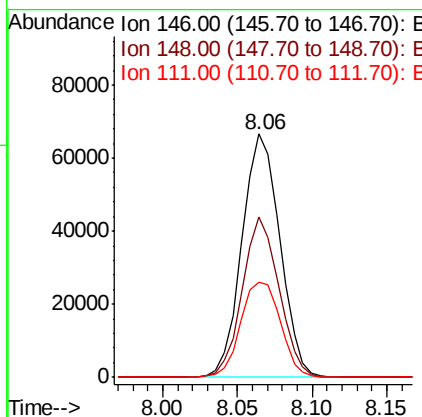
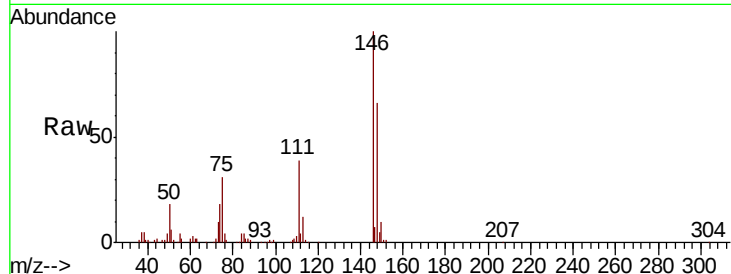
#13  
 1,4-Dichlorobenzene  
 Concen: 43.845 ng  
 RT: 8.06 min Scan# 847  
 Delta R.T. -0.01 min  
 Lab File: BG043770.D  
 Acq: 25 Nov 2019 15:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.0  | 50.1  | 75.1  |
| 111     | 39.0  | 32.1  | 48.1  |

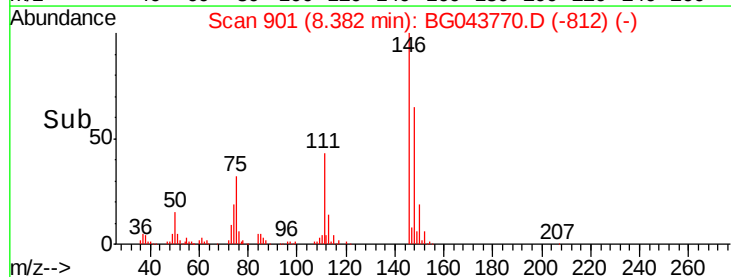
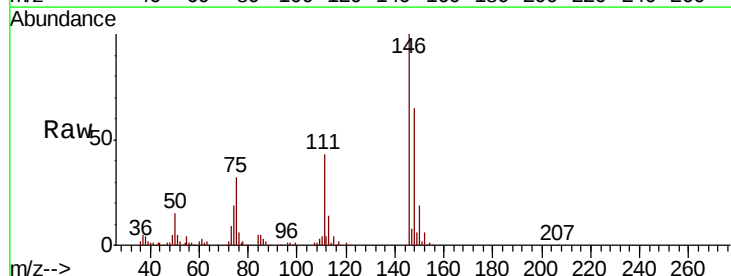
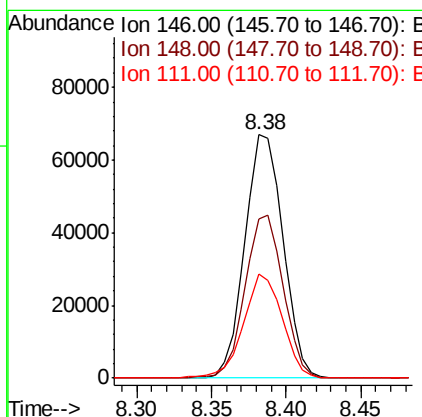
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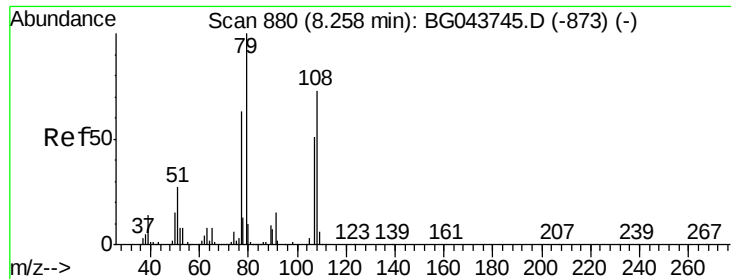
mohammad  
 11/26/2019 12:48:49 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 47.096 ng  
 RT: 8.38 min Scan# 901  
 Delta R.T. -0.01 min  
 Lab File: BG043770.D  
 Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 52.1  | 78.1  |
| 111     | 42.8  | 34.7  | 52.1  |





#15

Benzyl Alcohol

Concen: 60.308 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

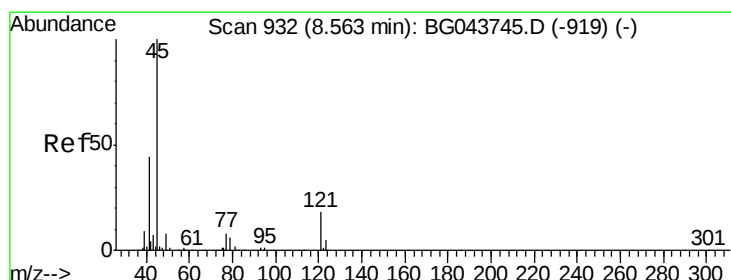
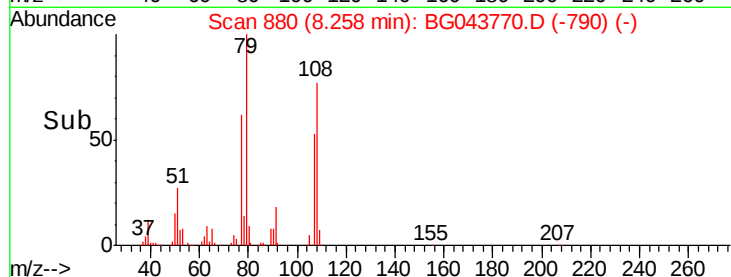
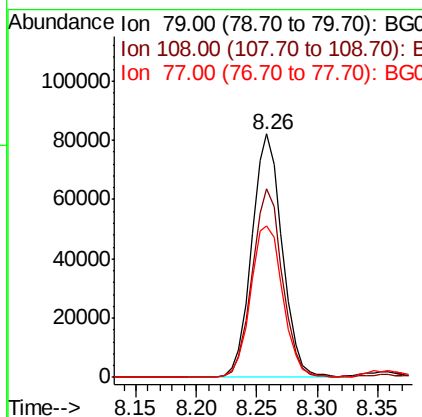
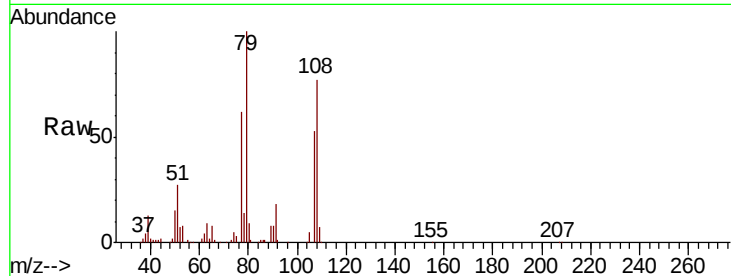
ClientSampleID :

PB125036BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 143540 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.4  | 58.2  | 87.2   |
| 77        | 62.2  | 50.2  | 75.4   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.672 ng

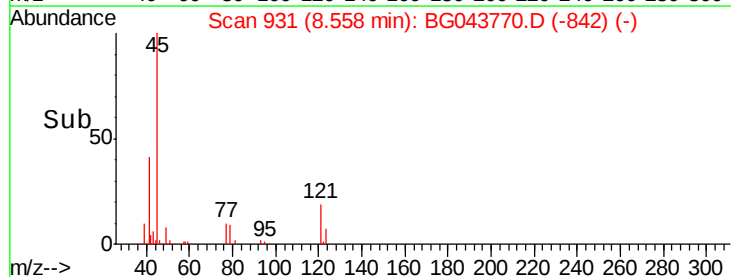
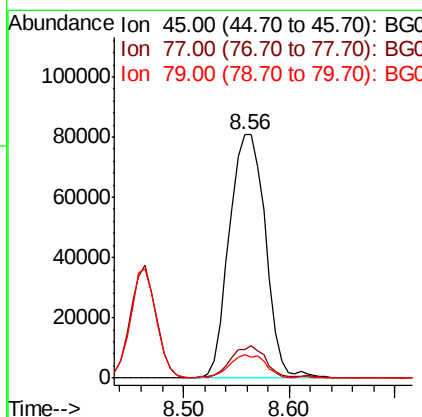
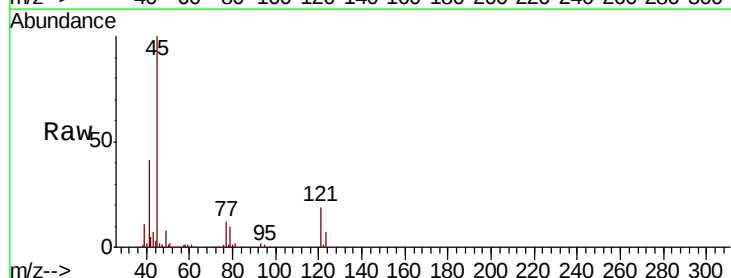
RT: 8.56 min Scan# 931

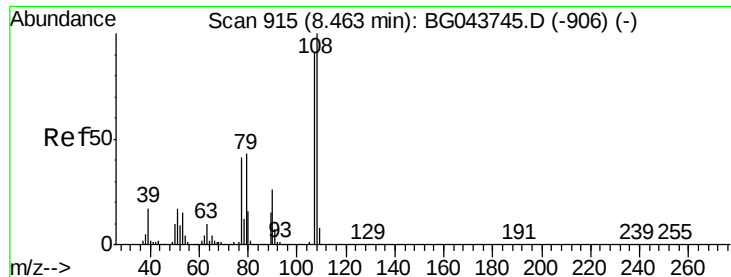
Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 191763 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 11.6  | 0.0   | 32.2   |
| 79        | 9.7   | 0.0   | 29.9   |





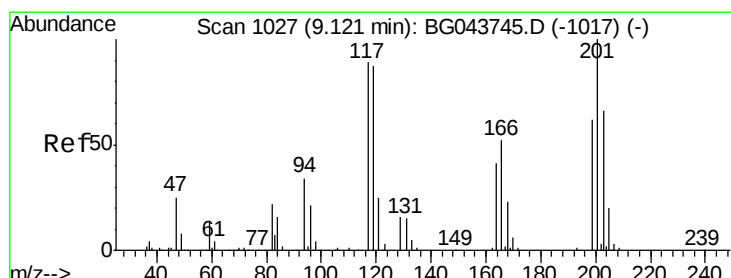
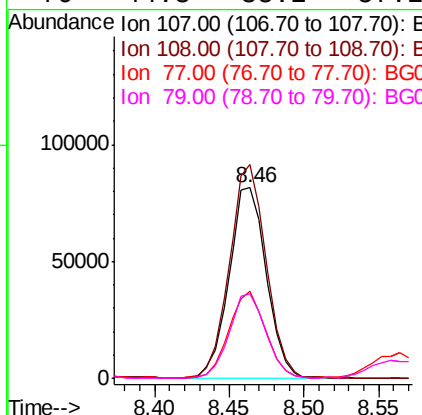
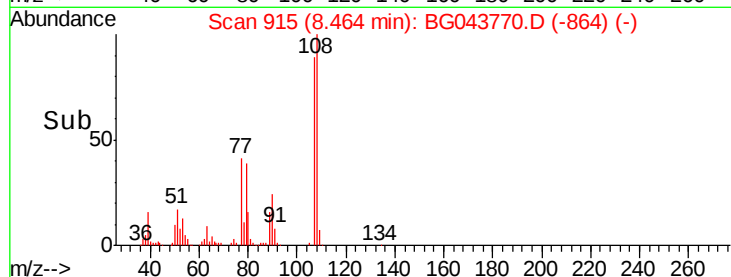
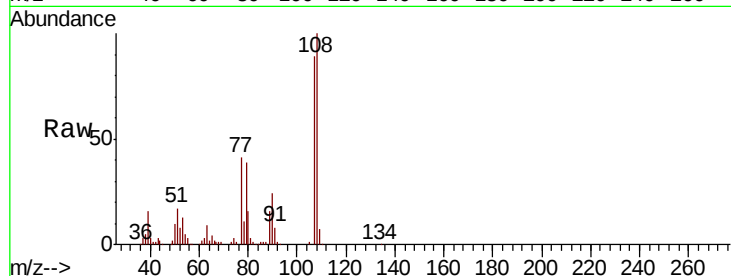
#17  
2-Methylphenol  
Concen: 67.896 ng  
RT: 8.46 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.2 | 88.0 | 132.0 |       |
| 77      | 45.9  | 35.9 | 53.9  |       |
| 79      | 44.3  | 38.2 | 57.2  |       |

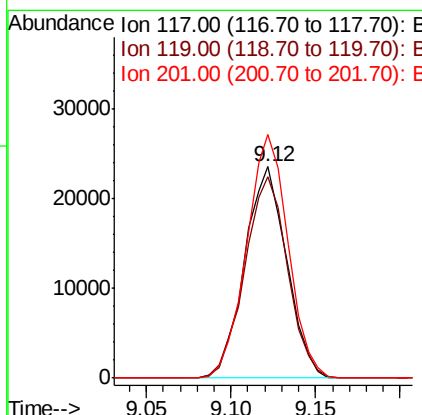
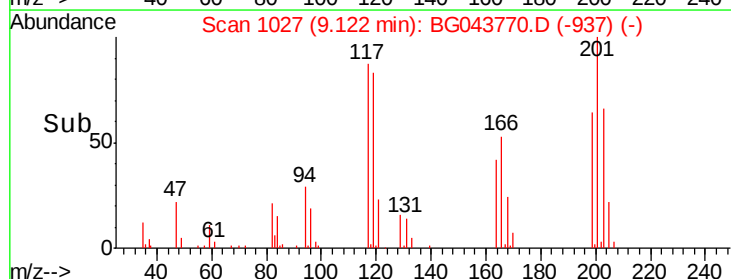
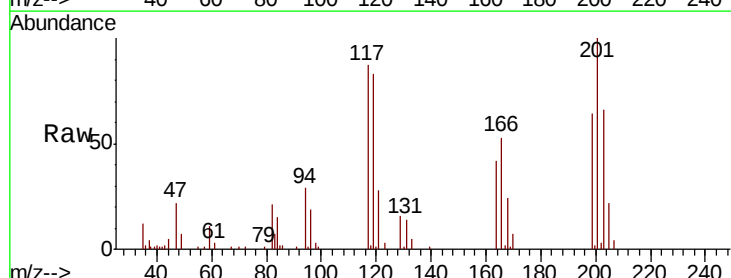
Manual Integrations  
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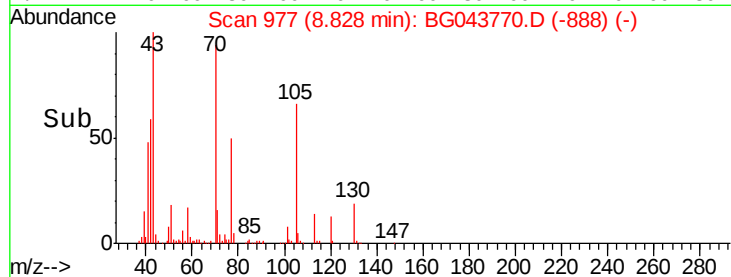
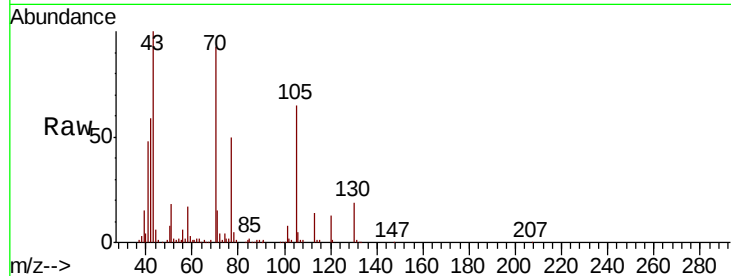
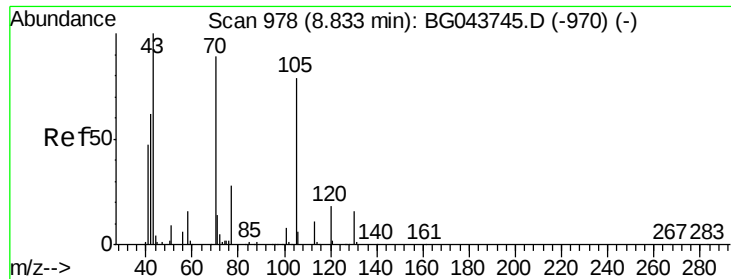
mohammad  
11/26/2019 12:48:49 PM



#18  
Hexachloroethane  
Concen: 40.282 ng  
RT: 9.12 min Scan# 1027  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.5  | 77.7 | 116.5 |       |
| 201     | 115.4 | 89.4 | 134.0 |       |





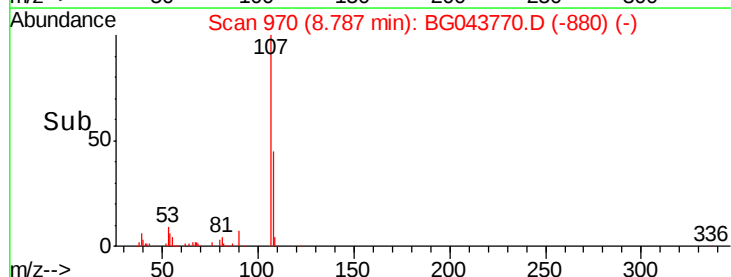
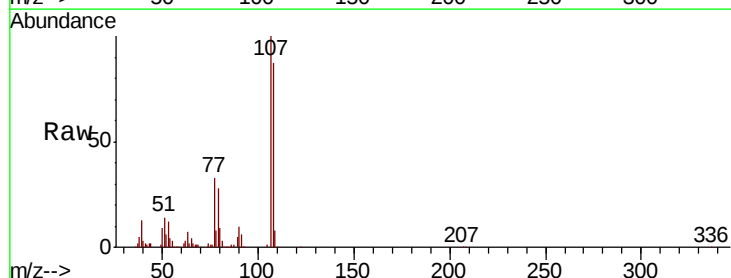
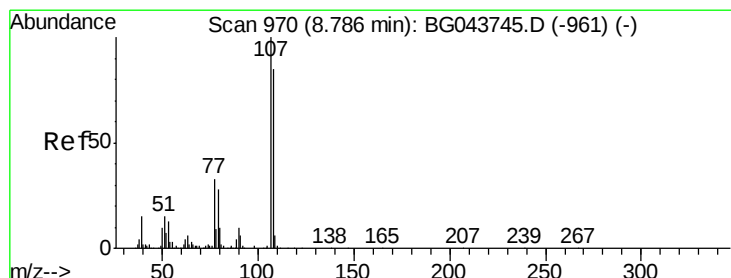
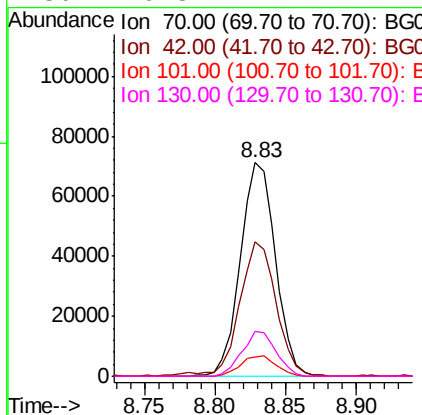
#19  
n-Nitroso-di-n-propylamine  
Concen: 55.355 ng  
RT: 8.83 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 63.0 | 56.4  | 84.6 |       |       |
| 101     | 8.9  | 6.7   | 10.1 |       |       |
| 130     | 20.8 | 14.7  | 22.1 |       |       |

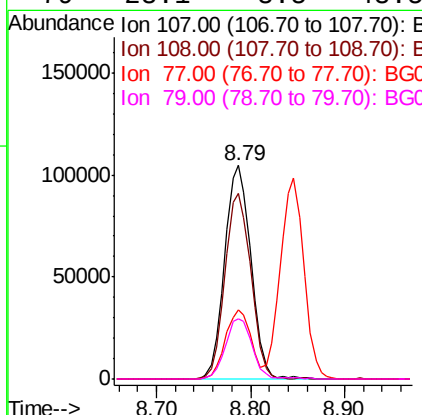
Manual Integrations  
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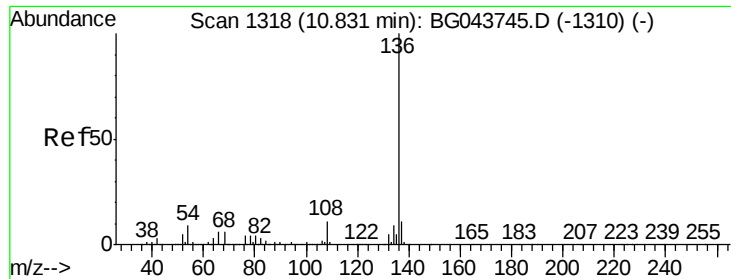
mohammad  
11/26/2019 12:48:49 PM



#20  
3+4-Methylphenols  
Concen: 69.487 ng  
RT: 8.79 min Scan# 970  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 86.8 | 64.6  | 104.6 |       |       |
| 77      | 32.6 | 13.7  | 53.7  |       |       |
| 79      | 28.1 | 8.5   | 48.5  |       |       |





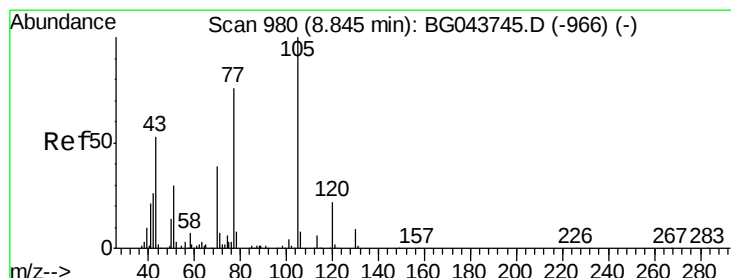
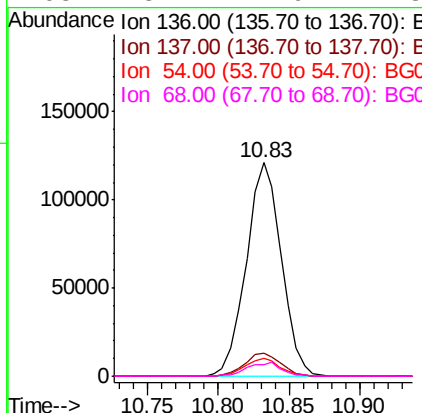
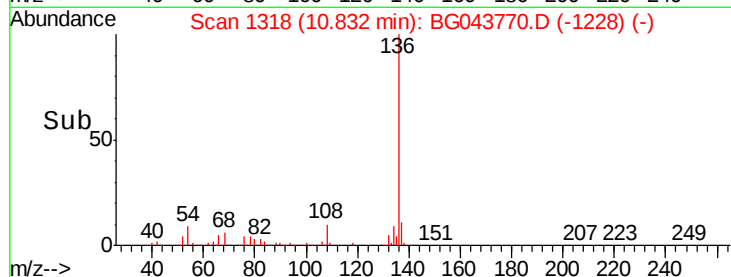
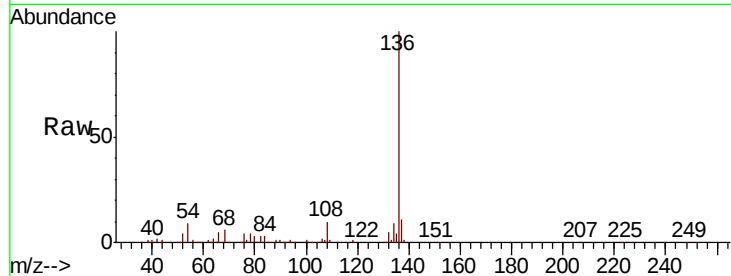
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1318  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 211244 |       |       |
| 137     | 10.7  |        | 8.8   | 13.2  |
| 54      | 8.6   |        | 7.5   | 11.3  |
| 68      | 5.7   |        | 4.9   | 7.3   |

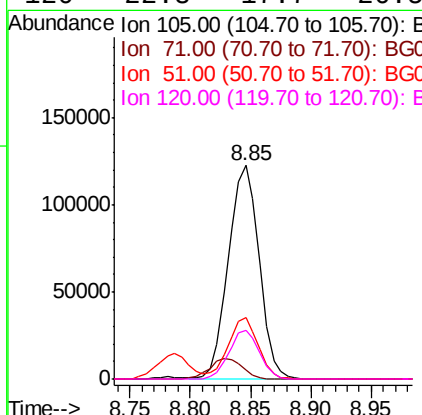
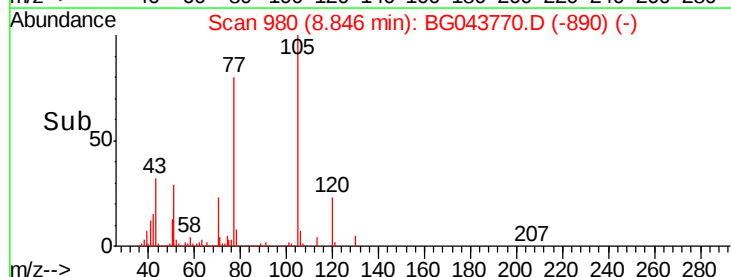
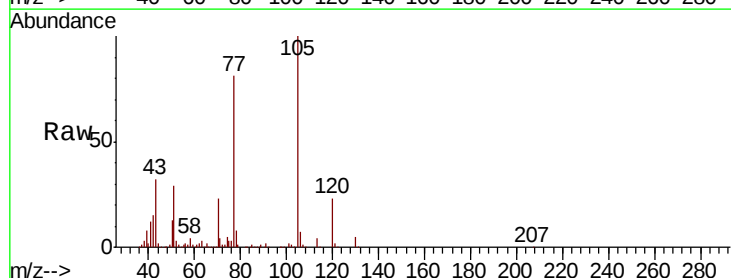
Manual Integrations  
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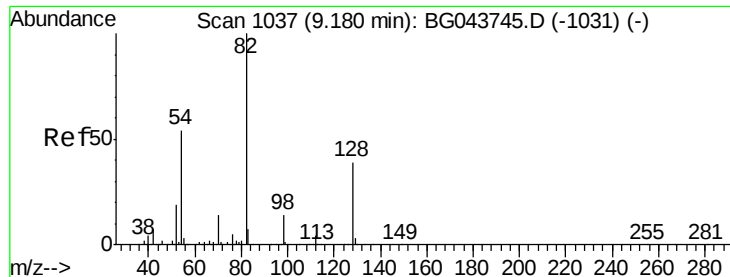
mohammad  
11/26/2019 12:48:49 PM



#22  
Acetophenone  
Concen: 38.967 ng  
RT: 8.85 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 218170 |       |       |
| 71      | 4.2   |        | 6.3   | 9.5#  |
| 51      | 28.9  |        | 24.7  | 37.1  |
| 120     | 22.8  |        | 17.7  | 26.5  |





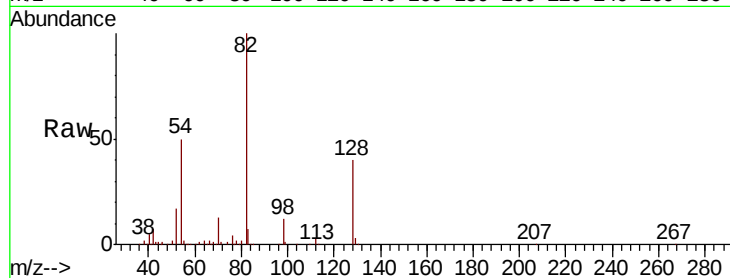
#23  
 Nitrobenzene-d5  
 Concen: 63.829 ng  
 RT: 9.18 min Scan# 1037  
 Delta R.T. 0.00 min  
 Lab File: BG043770.D  
 Acq: 25 Nov 2019 15:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.3  | 31.3  | 46.9  |
| 54      | 50.0  | 42.7  | 64.1  |

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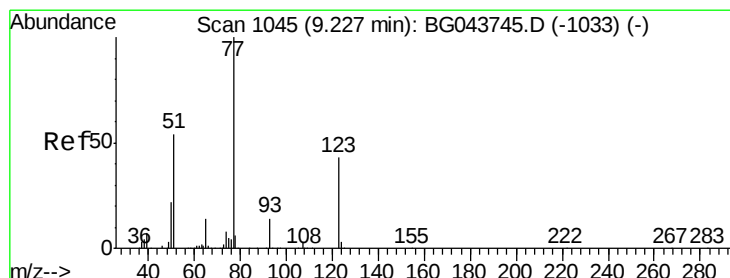
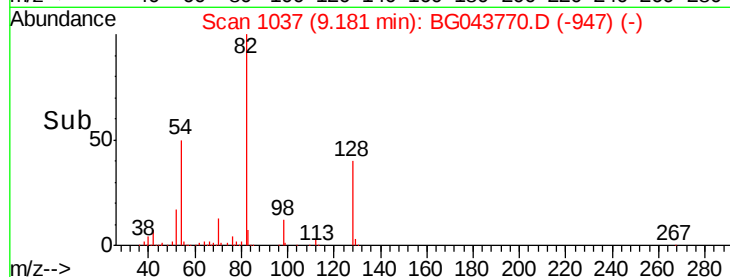
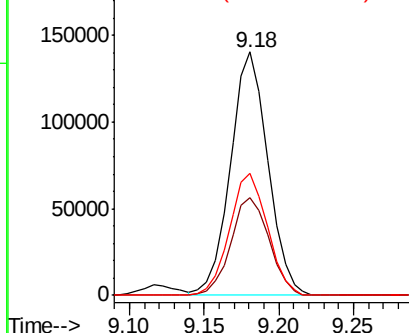


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24  
 Nitrobenzene  
 Concen: 41.804 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. -0.01 min  
 Lab File: BG043770.D  
 Acq: 25 Nov 2019 15:38

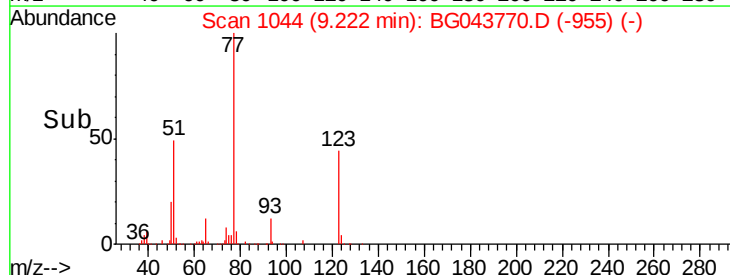
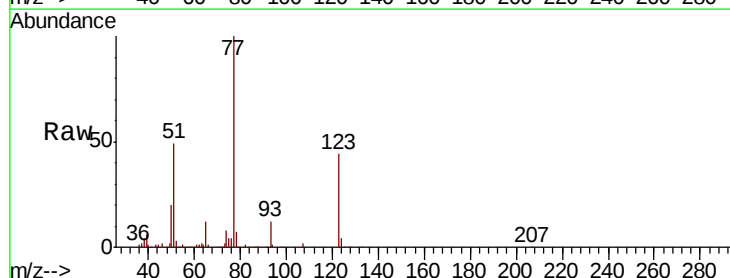
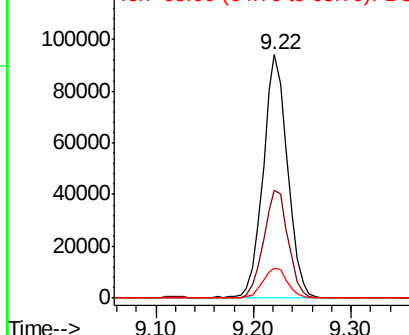
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.3  | 34.7  | 52.1  |
| 65      | 12.3  | 11.0  | 16.6  |

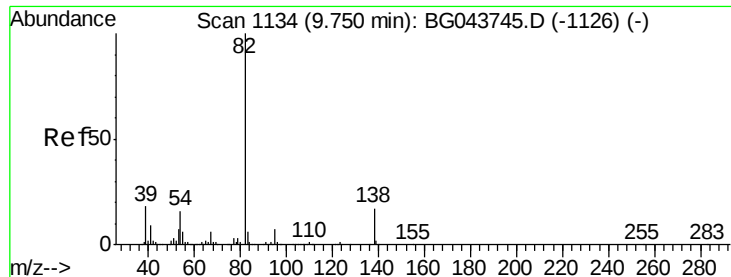
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 44.190 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

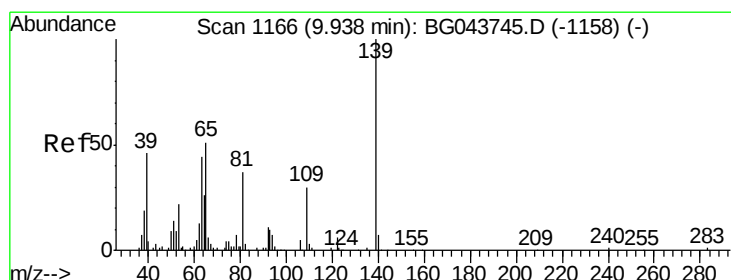
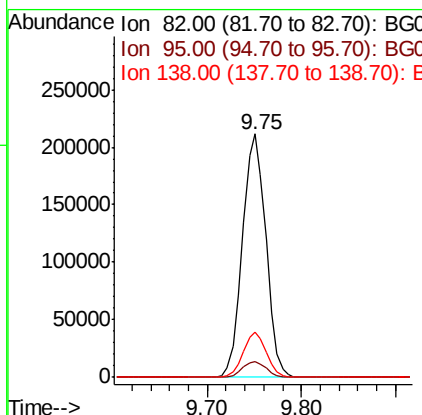
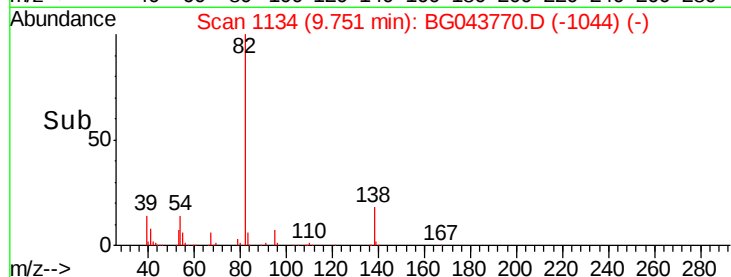
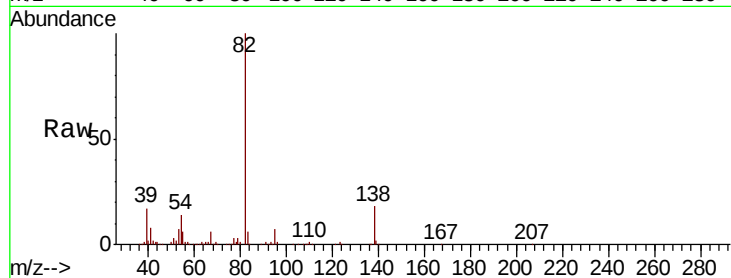
ClientSampleId :

PB125036BS

| Tot Ion   | 82    | Resp  | 364047 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.5   | 5.9   | 8.9    |
| 138       | 18.3  | 13.3  | 19.9   |

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#26

2-Nitrophenol

Concen: 46.066 ng

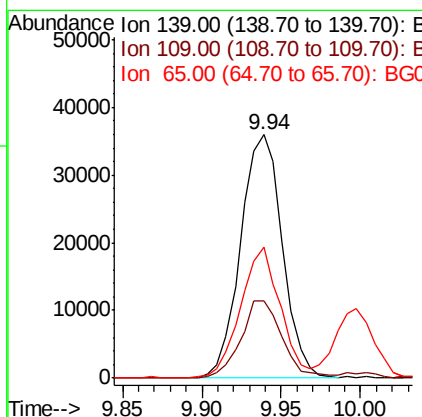
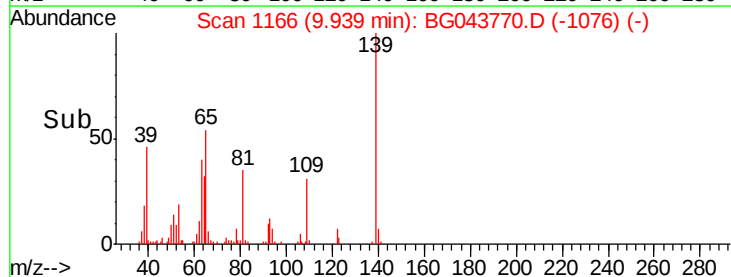
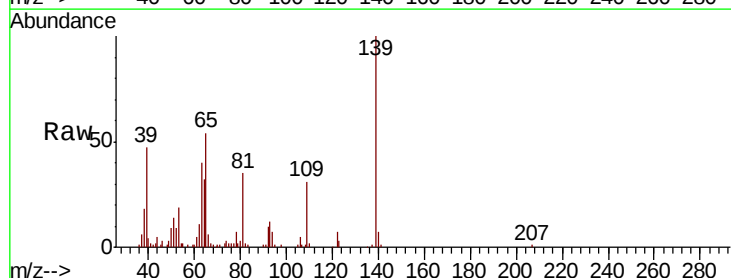
RT: 9.94 min Scan# 1166

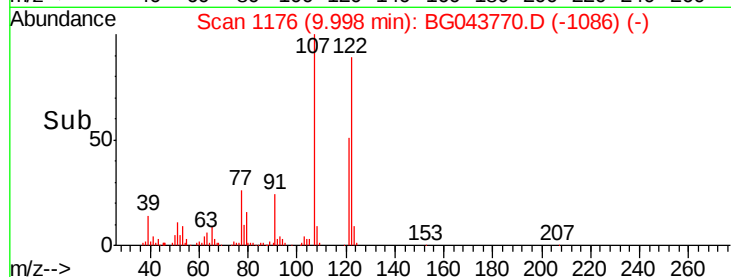
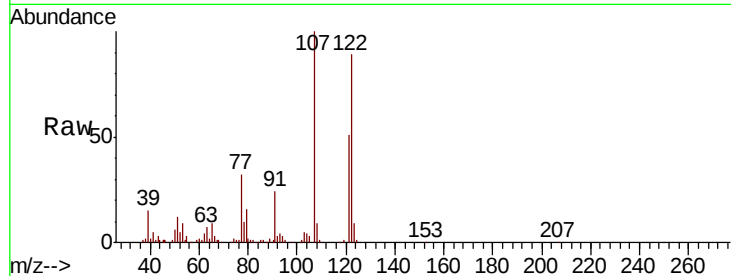
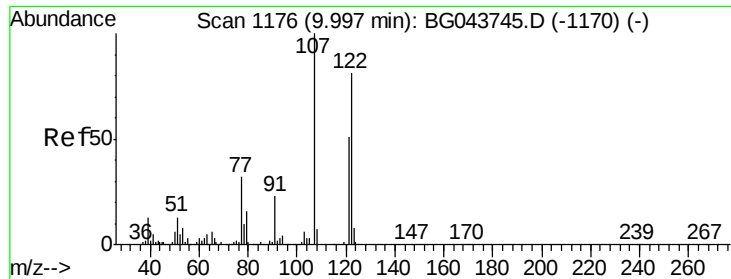
Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

| Tgt Ion   | 139   | Resp  | 65636 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 31.5  | 24.1  | 36.1  |
| 65        | 53.6  | 41.1  | 61.7  |





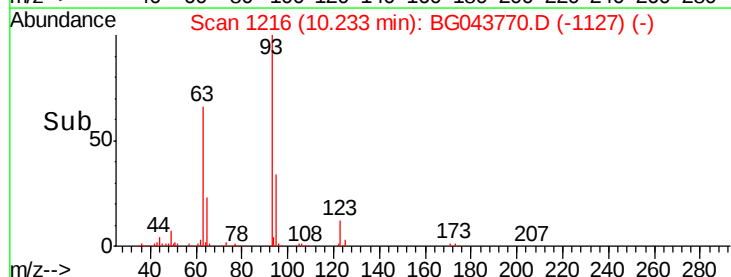
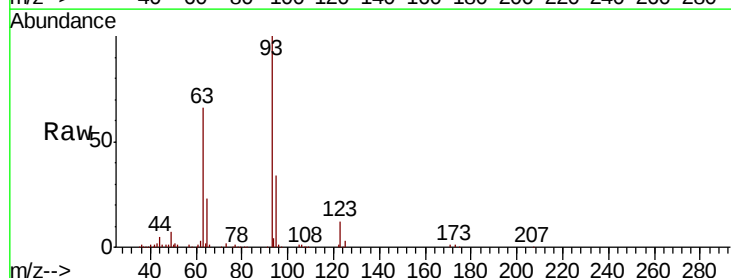
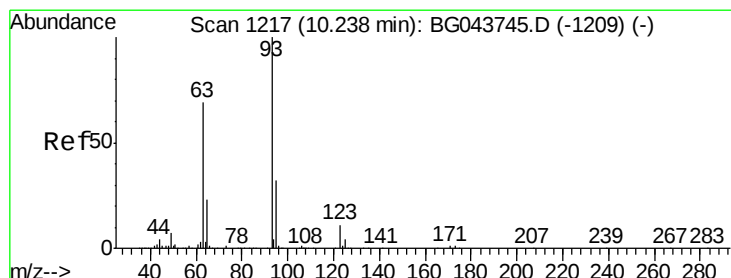
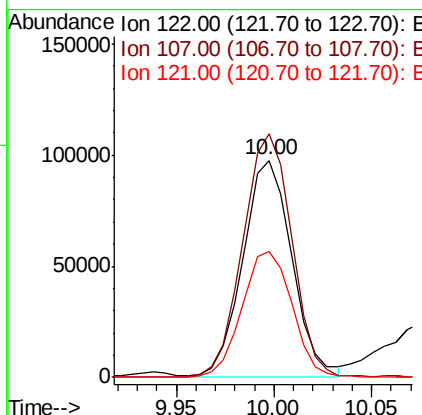
#27  
2,4-Dimethylphenol  
Concen: 60.776 ng  
RT: 10.00 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 112.2 | 98.5  | 147.7 |
| 121     | 57.7  | 49.6  | 74.4  |

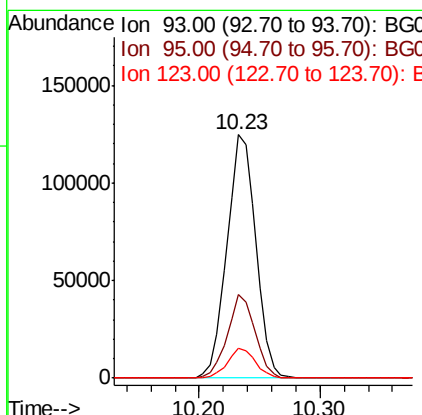
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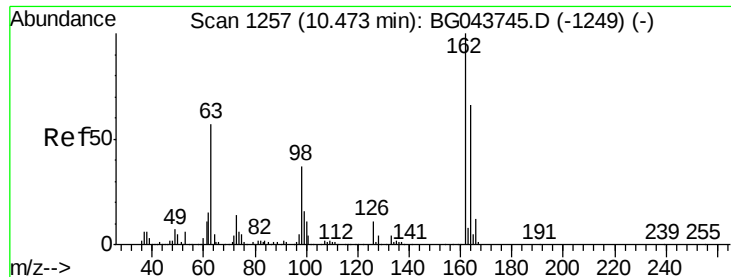
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#28  
bis(2-Chloroethoxy)methane  
Concen: 40.846 ng  
RT: 10.23 min Scan# 1216  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.4  | 26.0  | 39.0  |
| 123     | 12.3  | 8.7   | 13.1  |





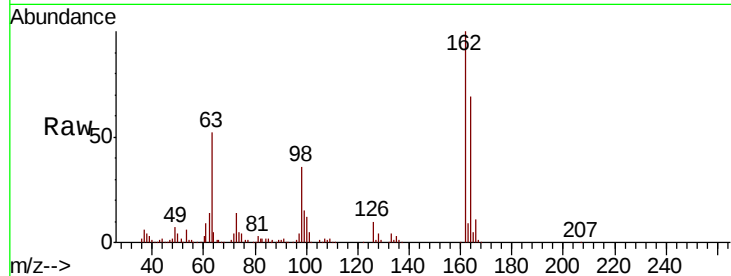
#29  
 2,4-Dichlorophenol  
 Concen: 51.755 ng  
 RT: 10.47 min Scan# 1257  
 Delta R.T. 0.00 min  
 Lab File: BG043770.D  
 Acq: 25 Nov 2019 15:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB125036BS

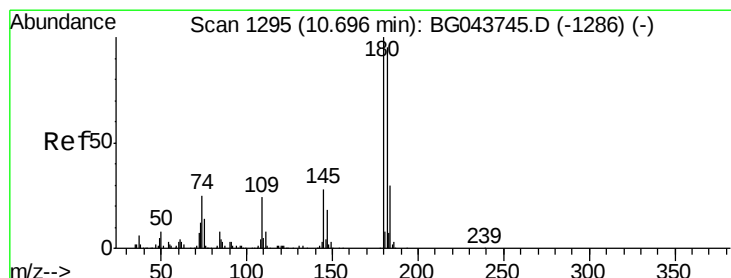
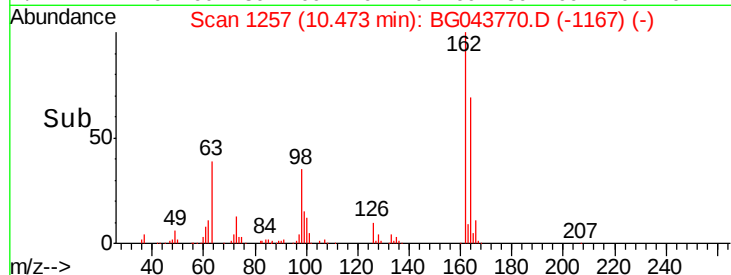
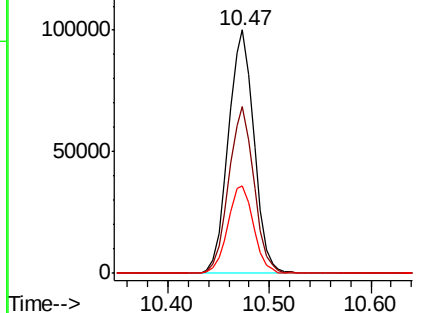
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 176030 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 68.7  | 46.4  | 86.4   |
| 98        | 35.8  | 17.3  | 57.3   |

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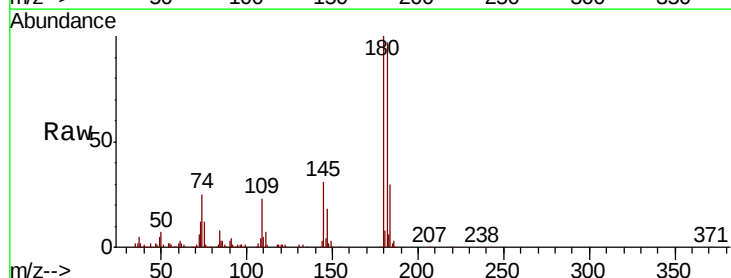


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BGC

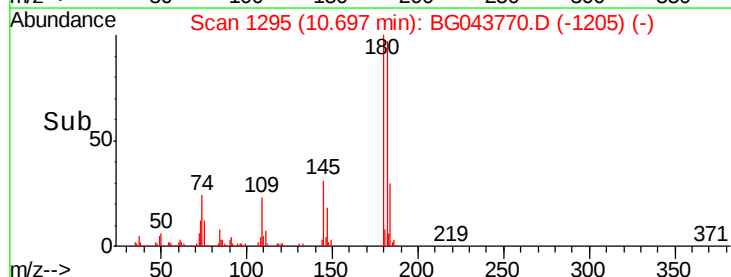
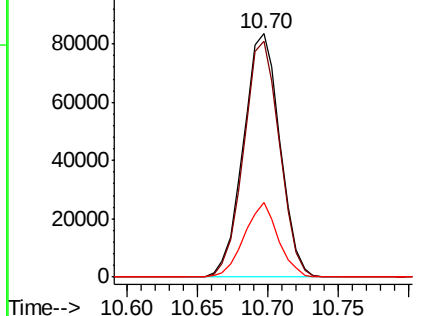


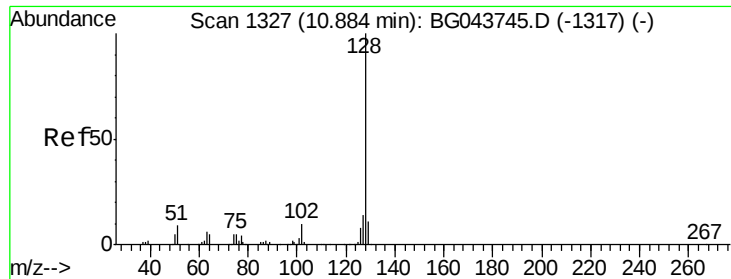
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.013 ng  
 RT: 10.70 min Scan# 1295  
 Delta R.T. 0.00 min  
 Lab File: BG043770.D  
 Acq: 25 Nov 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 151504 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.8  | 75.8  | 113.6  |
| 145       | 30.8  | 22.5  | 33.7   |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





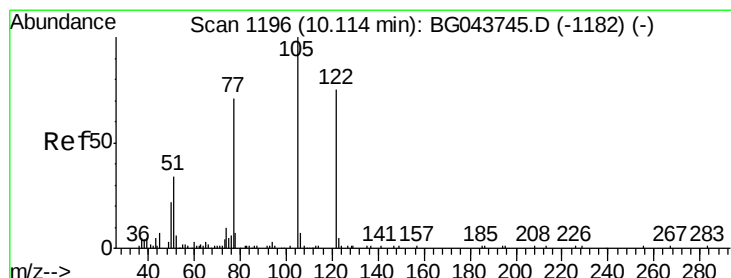
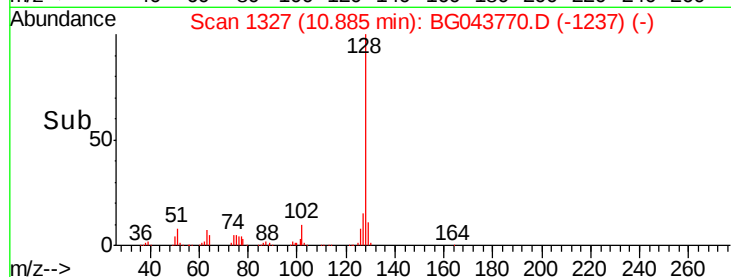
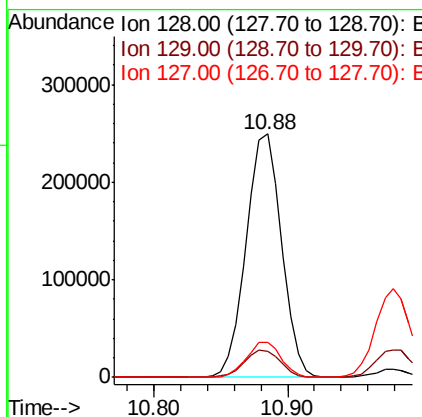
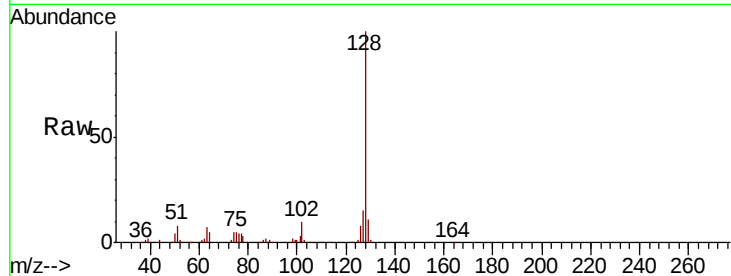
#31  
Naphthalene  
Concen: 43.498 ng  
RT: 10.88 min Scan# 1327  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 10.7  | 9.1  | 13.7  |       |
| 127     | 14.5  | 11.4 | 17.0  |       |

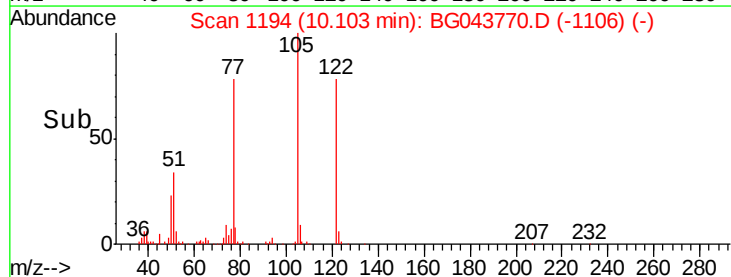
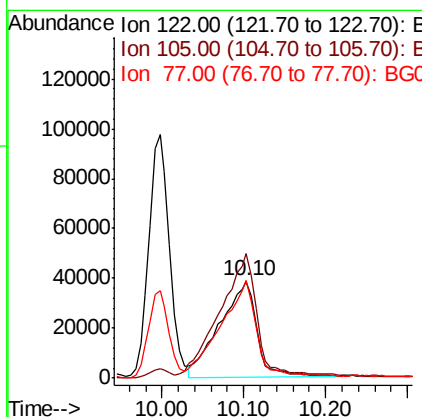
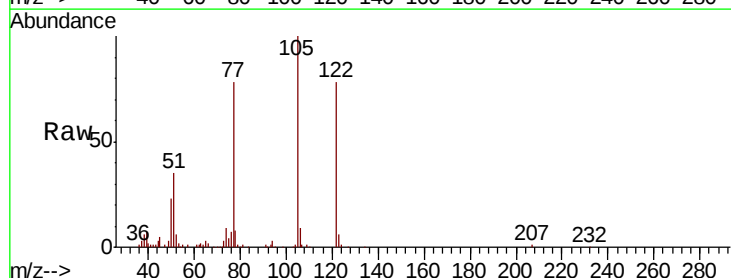
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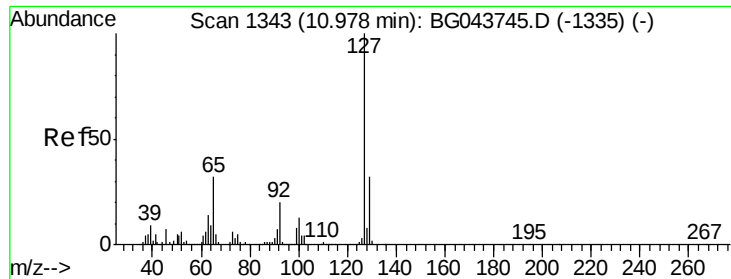
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#32  
Benzoic acid  
Concen: 60.028 ng  
RT: 10.10 min Scan# 1194  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 129.0 | 109.3 | 149.3 |       |
| 77      | 100.9 | 76.1  | 116.1 |       |





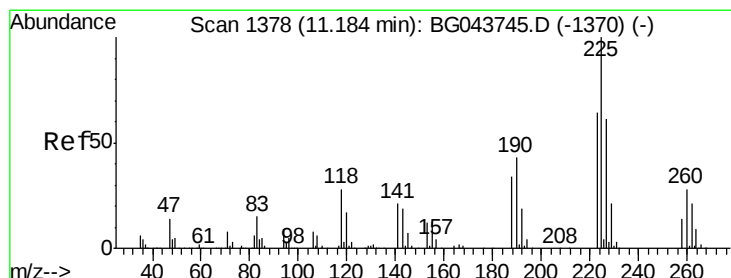
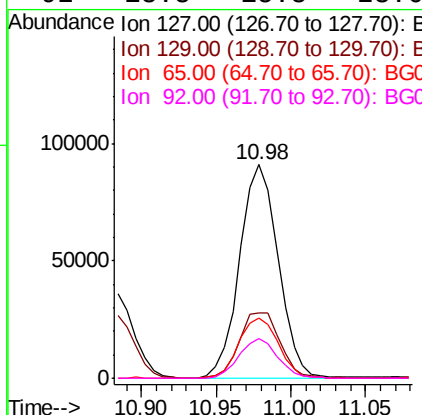
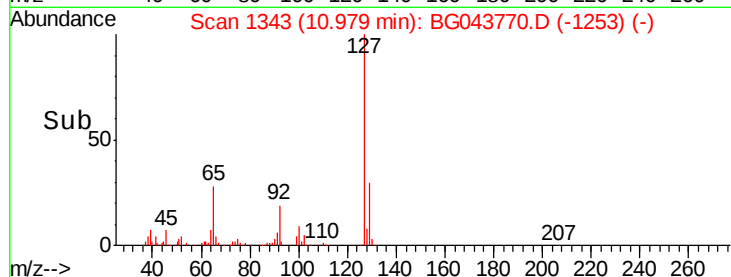
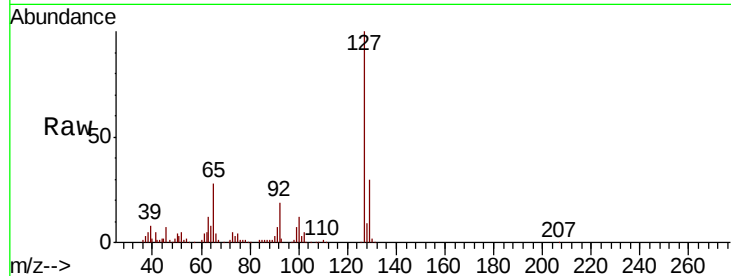
#33  
4-Chloroaniline  
Concen: 32.462 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 30.4 | 25.9  | 38.9 |       |       |
| 65      | 28.1 | 25.8  | 38.8 |       |       |
| 92      | 18.8 | 15.8  | 23.6 |       |       |

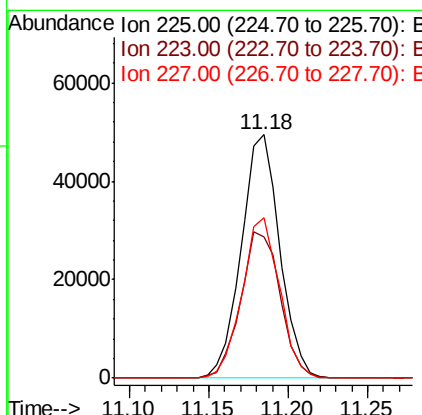
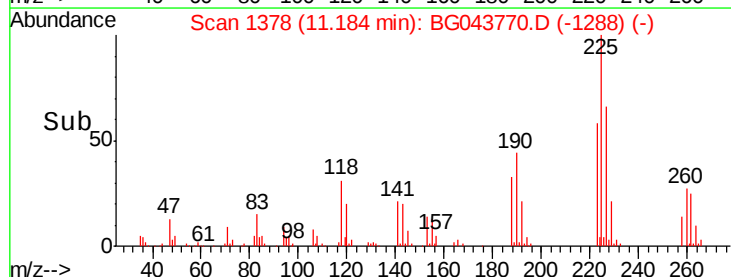
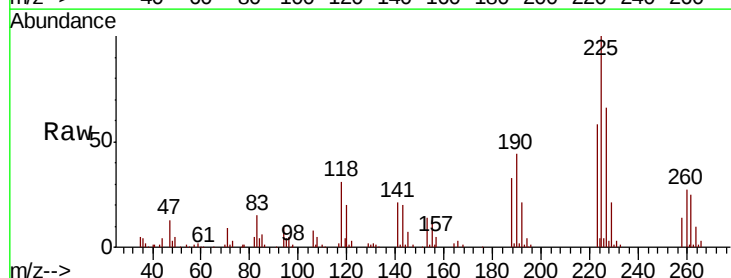
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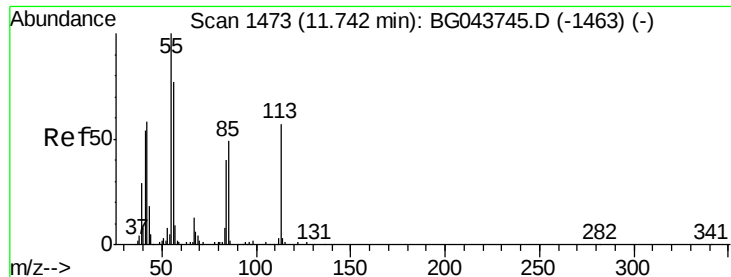
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#34  
Hexachlorobutadiene  
Concen: 31.729 ng  
RT: 11.18 min Scan# 1378  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 57.9 | 51.2  | 76.8 |       |       |
| 227     | 65.7 | 51.0  | 76.4 |       |       |





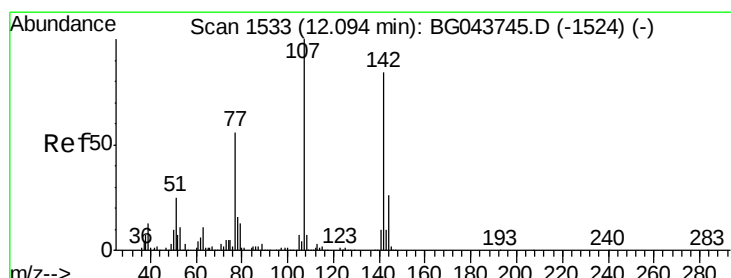
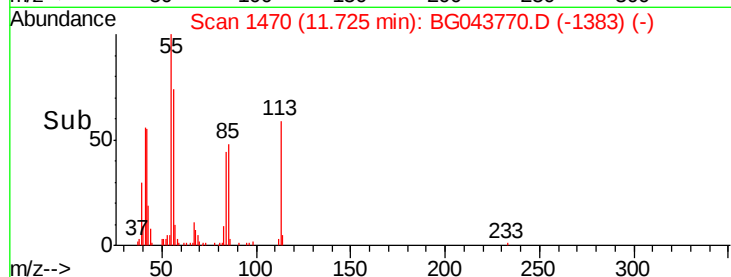
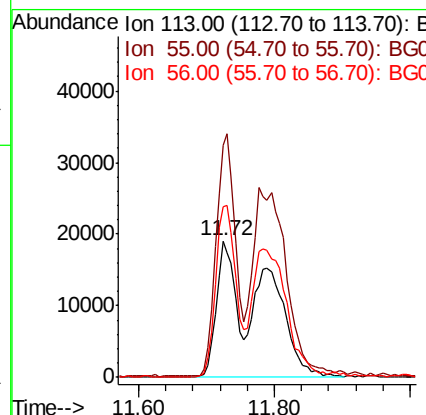
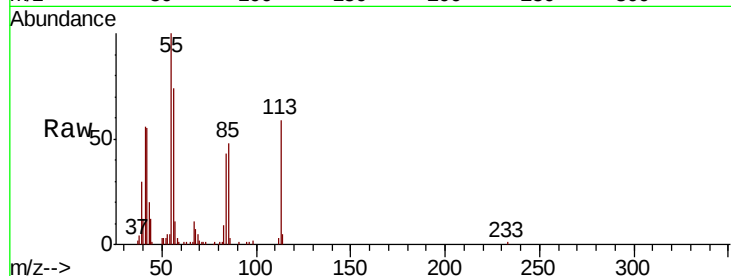
#35  
 Caprolactam  
 Concen: 63.932 ng/ml  
 RT: 11.72 min Scan# 1470  
 Delta R.T. -0.02 min  
 Lab File: BG043770.D  
 Acq: 25 Nov 2019 15:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 170.2 | 160.9 | 200.9 |
| 56      | 125.5 | 116.8 | 156.8 |

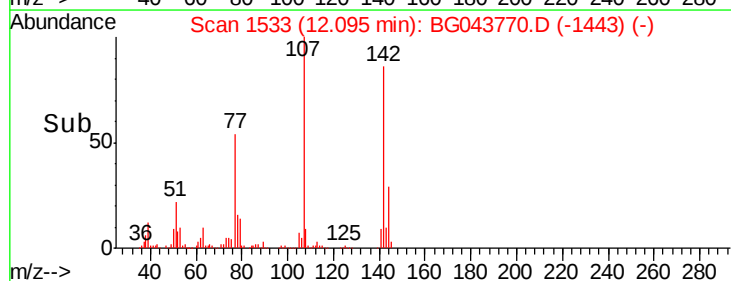
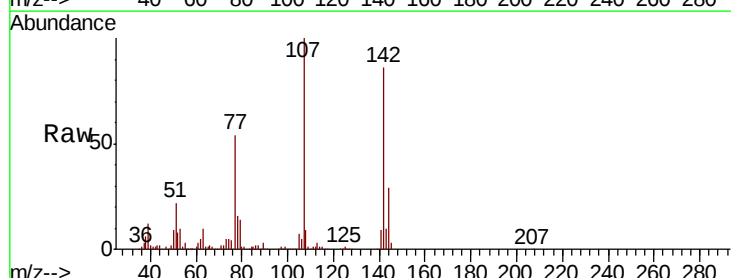
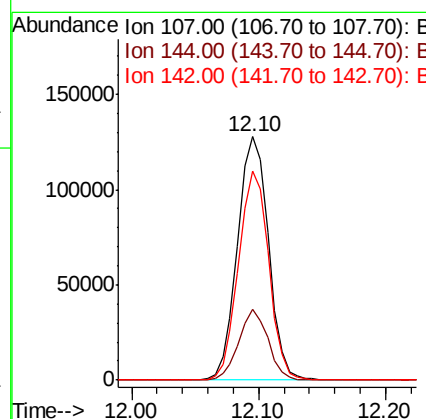
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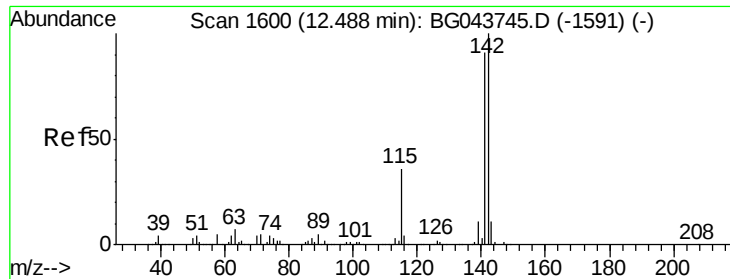
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#36  
 4-Chloro-3-methylphenol  
 Concen: 56.599 ng/ml  
 RT: 12.10 min Scan# 1533  
 Delta R.T. 0.00 min  
 Lab File: BG043770.D  
 Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.8  | 21.0  | 31.4  |
| 142     | 86.1  | 67.0  | 100.4 |





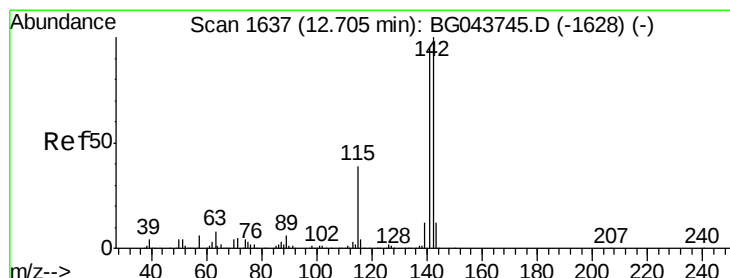
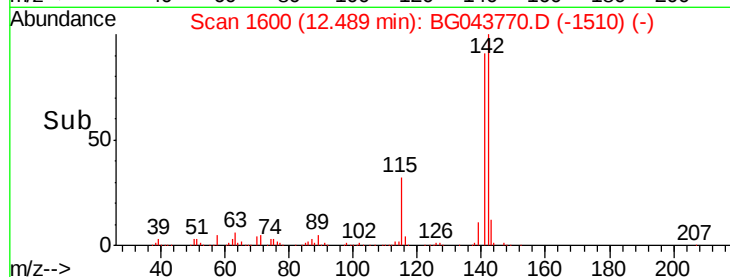
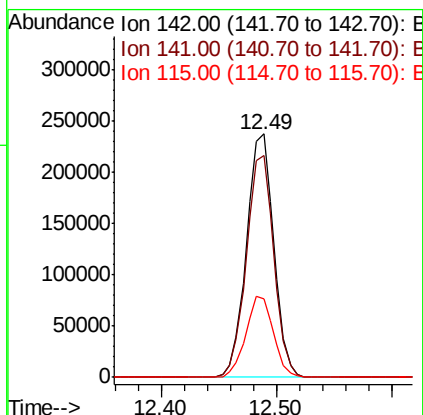
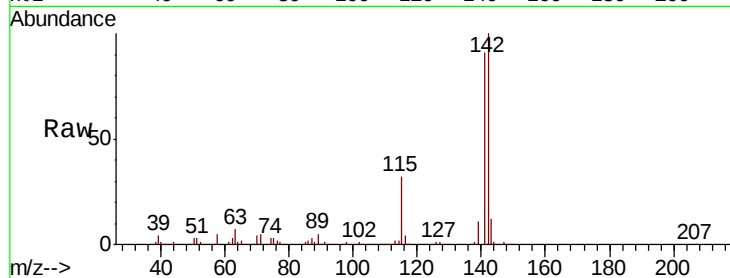
#37  
2-Methylnaphthalene  
Concen: 49.342 ng  
RT: 12.49 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.1  | 72.8  | 109.2 |
| 115     | 32.3  | 28.9  | 43.3  |

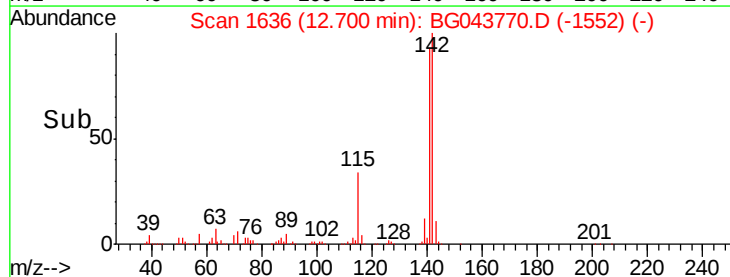
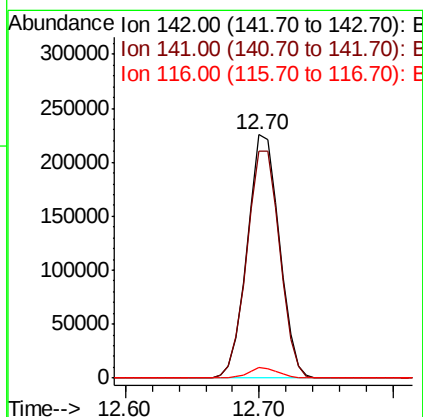
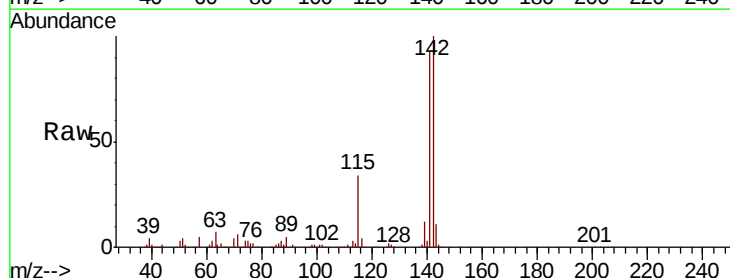
Manual Integrations  
APPROVED

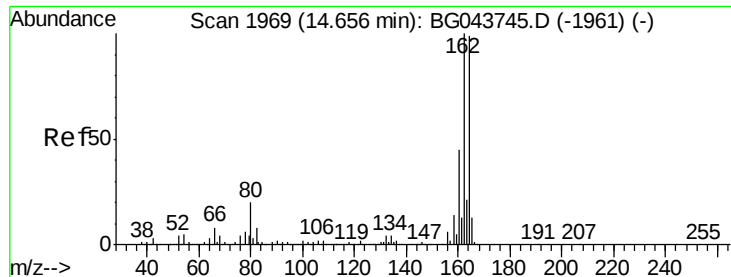
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 49.800 ng  
RT: 12.70 min Scan# 1636  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.0  | 75.8  | 113.8 |
| 116     | 4.2   | 3.4   | 5.0   |





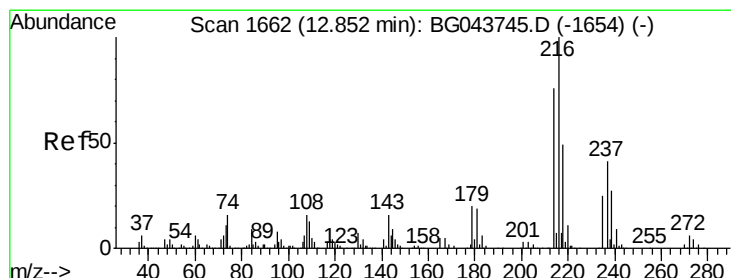
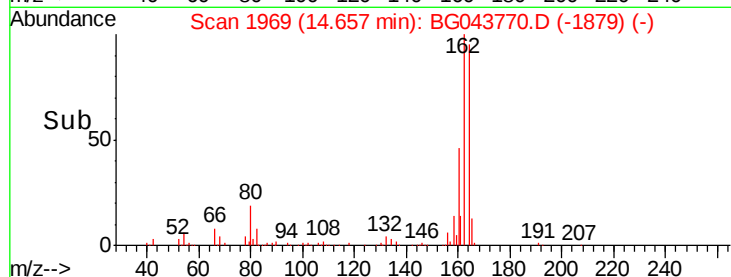
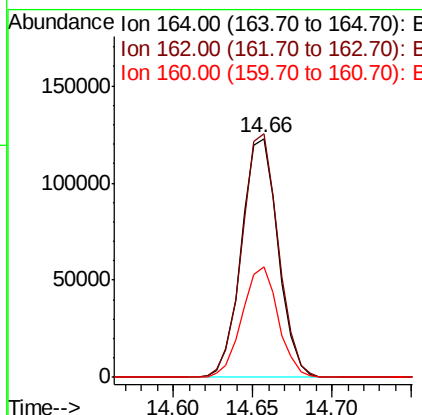
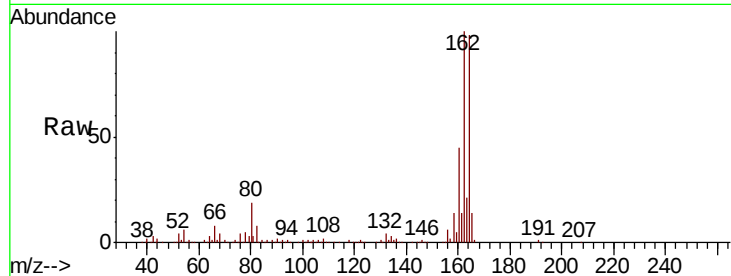
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.66 min Scan# 1969  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 196375 |       |       |
| 162     | 101.8 | 80.6   | 121.0 |       |
| 160     | 46.3  | 36.3   | 54.5  |       |

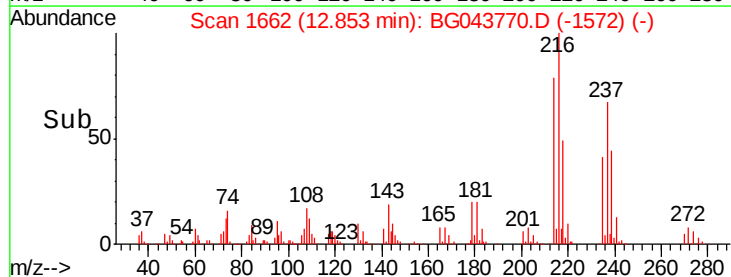
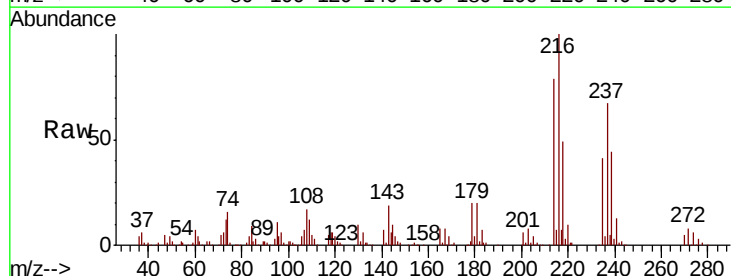
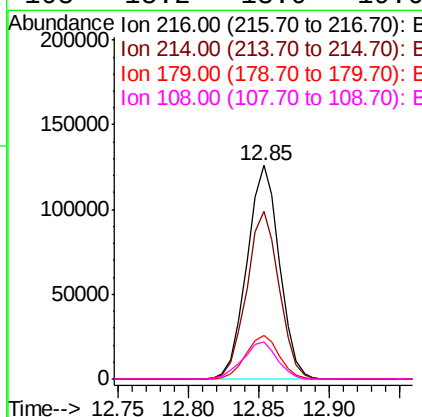
Manual Integrations  
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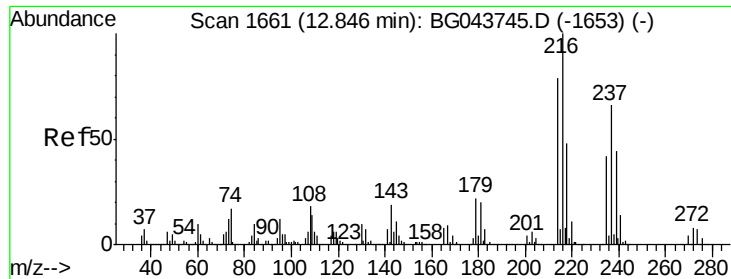
mohammad  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 32.490 ng  
RT: 12.85 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 203015 |       |       |
| 214     | 78.6  | 62.0   | 93.0  |       |
| 179     | 20.9  | 16.3   | 24.5  |       |
| 108     | 18.2  | 13.0   | 19.6  |       |





#41

Hexachlorocyclopentadiene

Concen: 60.561 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

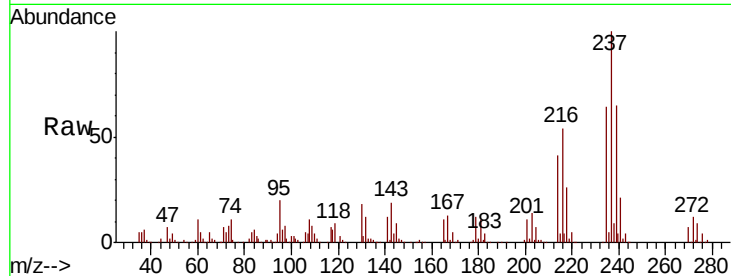
ClientSampleId :

PB125036BS

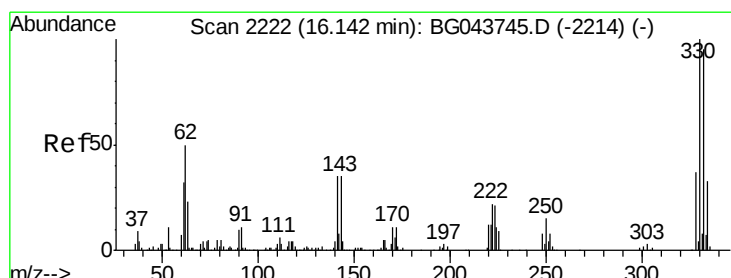
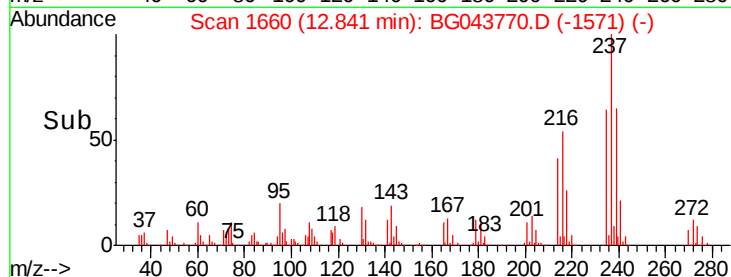
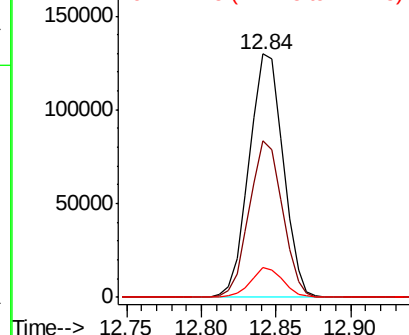
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 204454 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 64.1  | 43.8  | 83.8   |
| 272       | 12.0  | 0.0   | 31.8   |

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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: 129.765 ng

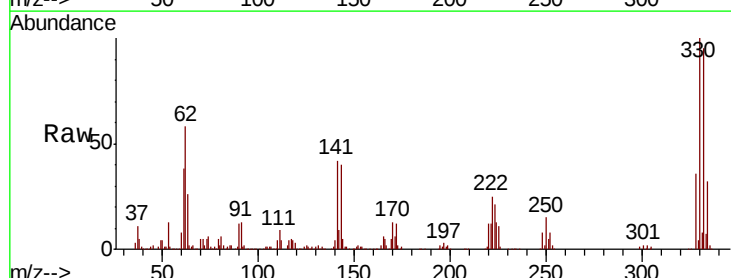
RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

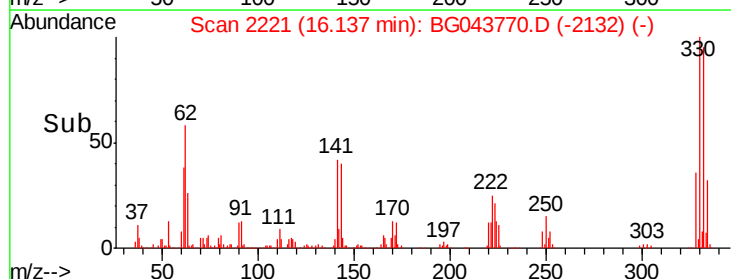
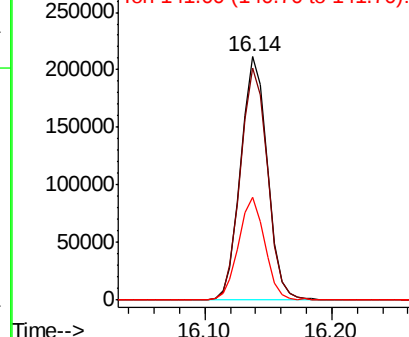
Lab File: BG043770.D

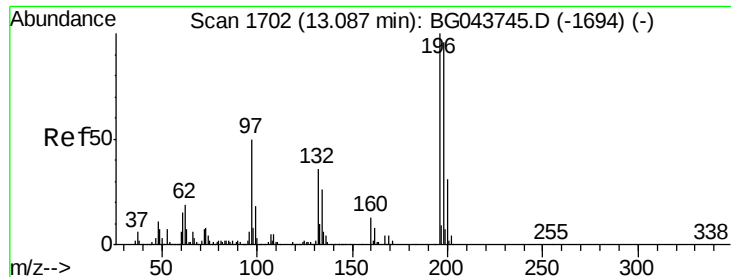
Acq: 25 Nov 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 307359 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.2  | 77.3  | 115.9  |
| 141       | 41.8  | 31.4  | 47.2   |



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





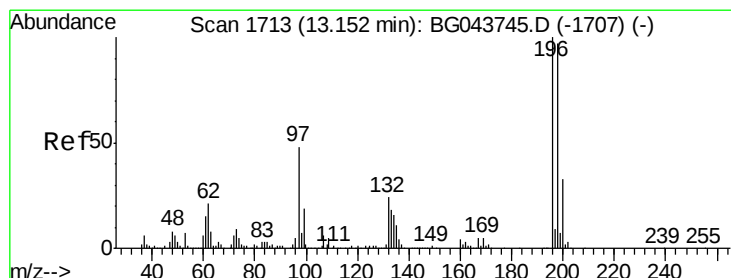
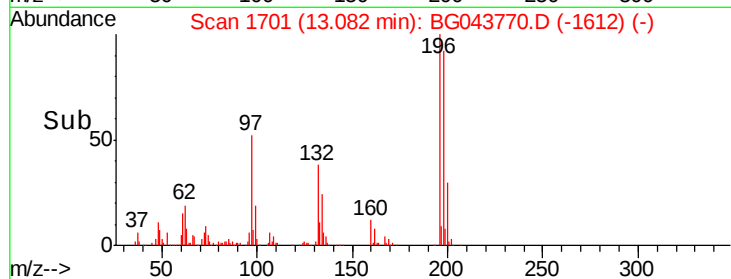
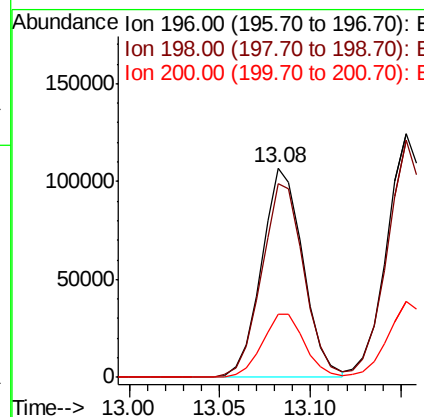
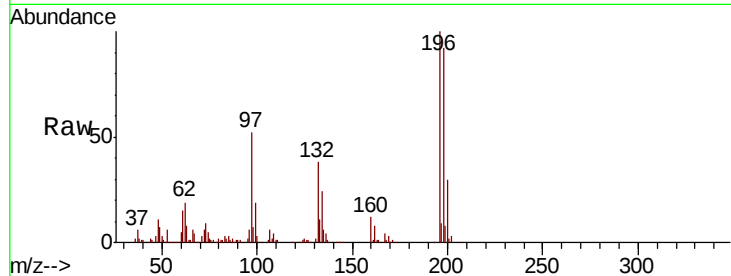
#43  
2,4,6-Trichlorophenol  
Concen: 42.238 ng  
RT: 13.08 min Scan# 1701  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 169743 |       |       |
| 198     | 92.5  | 76.5   | 114.7 |       |
| 200     | 30.3  | 24.6   | 36.8  |       |

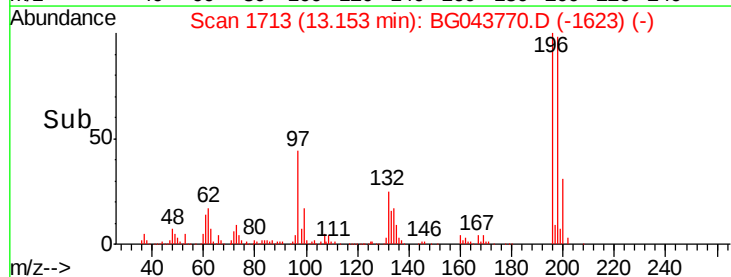
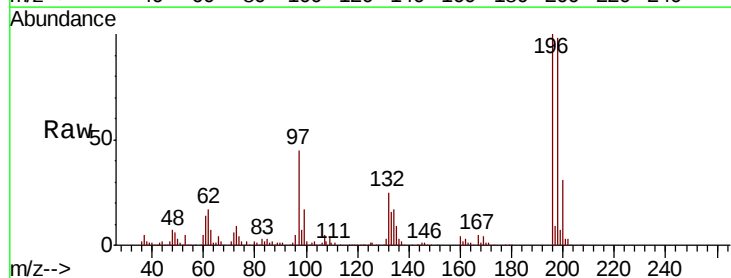
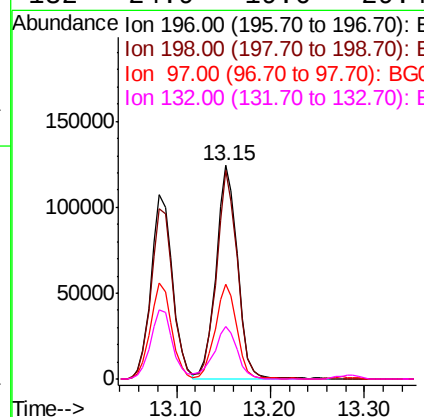
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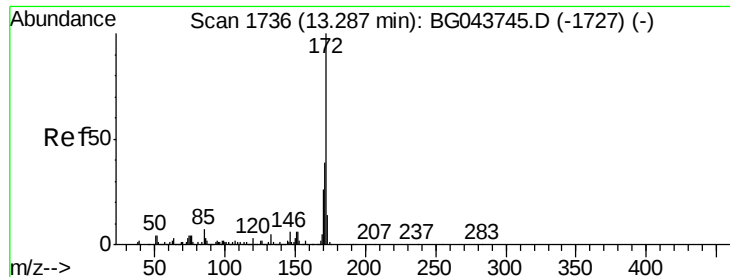
mohammad  
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#44  
2,4,5-Trichlorophenol  
Concen: 47.472 ng  
RT: 13.15 min Scan# 1713  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 198472 |       |       |
| 198     | 97.7  | 78.2   | 117.2 |       |
| 97      | 44.5  | 39.1   | 58.7  |       |
| 132     | 24.9  | 19.6   | 29.4  |       |





#45

2-Fluorobiphenyl

Concen: 60.332 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

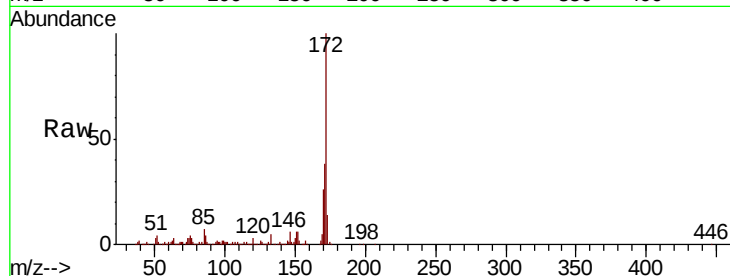
ClientSampleId :

PB125036BS

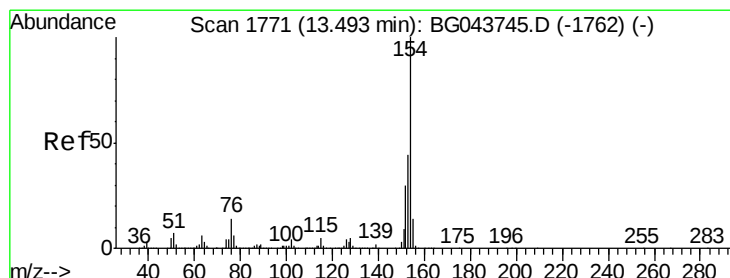
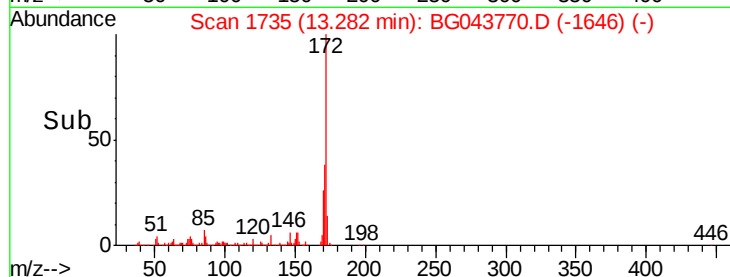
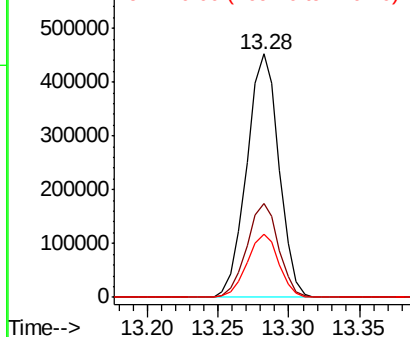
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 172   | Resp: | 720750 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 38.5  | 31.0  | 46.6   |
| 170       | 26.0  | 21.0  | 31.4   |

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Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.094 ng

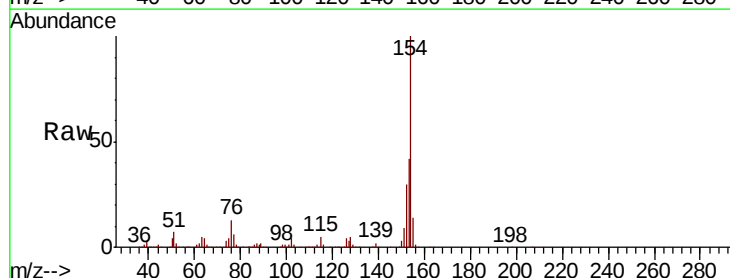
RT: 13.49 min Scan# 1771

Delta R.T. 0.00 min

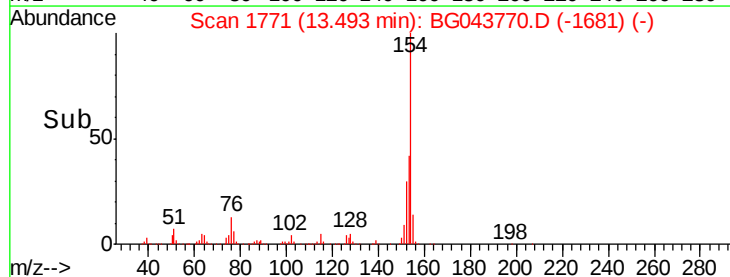
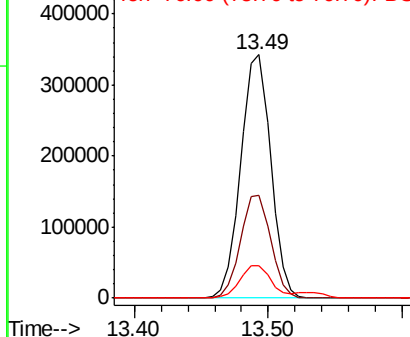
Lab File: BG043770.D

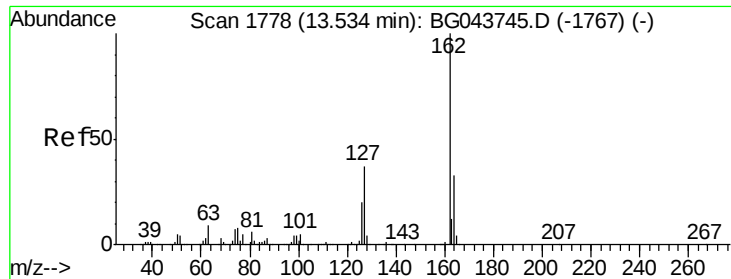
Acq: 25 Nov 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 532154 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 42.4  | 23.5  | 63.5   |
| 76        | 13.4  | 0.0   | 33.6   |



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BGC





#47

2-Chloronaphthalene

Concen: 38.469 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

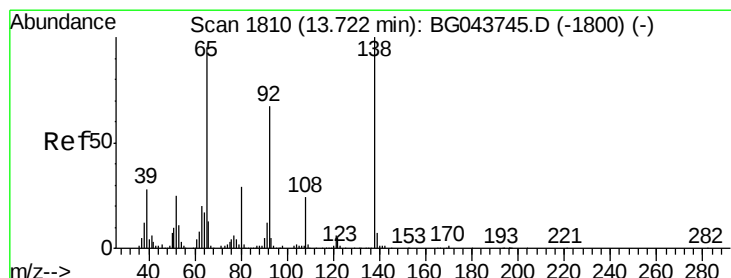
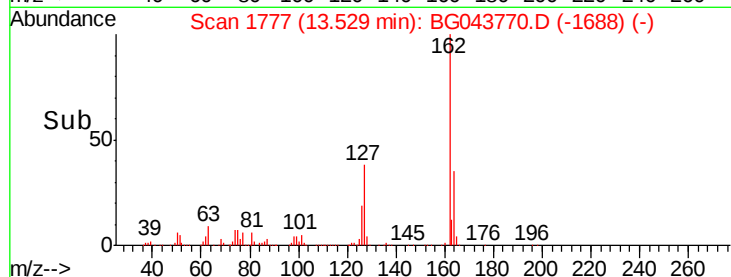
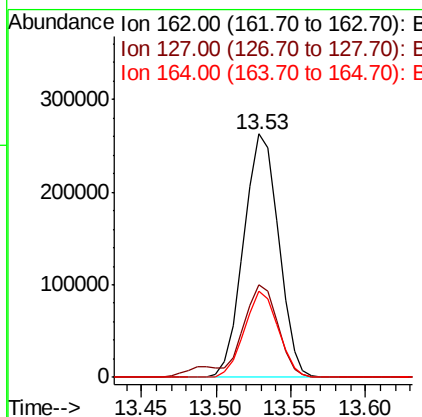
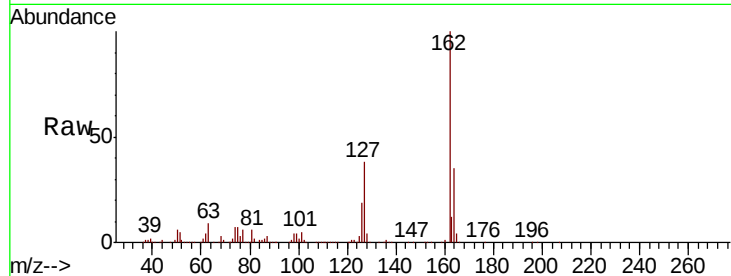
ClientSampleId :

PB125036BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 427029 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 37.9  | 30.0  | 45.0   |
| 164       | 35.2  | 26.4  | 39.6   |

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#48

2-Nitroaniline

Concen: 48.402 ng

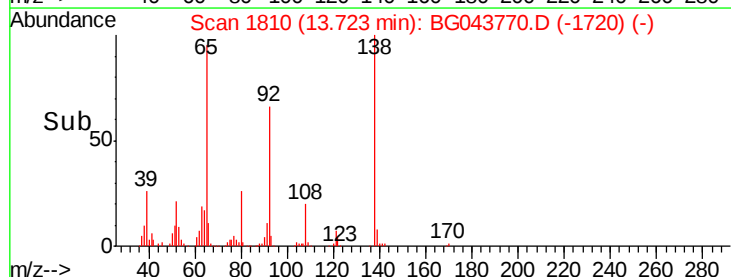
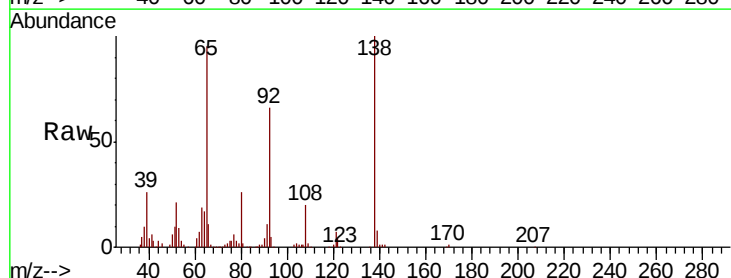
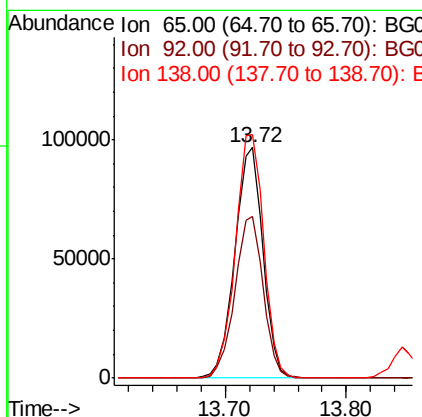
RT: 13.72 min Scan# 1810

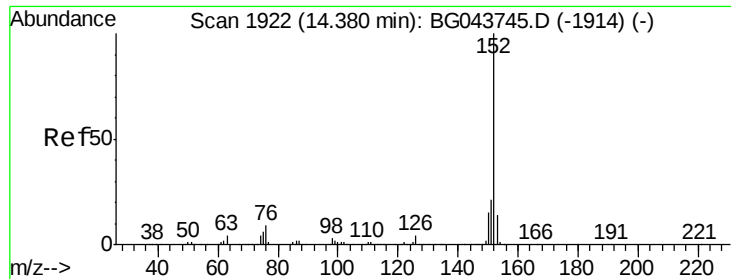
Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 157299 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 69.9  | 56.1  | 84.1   |
| 138       | 105.6 | 84.2  | 126.4  |





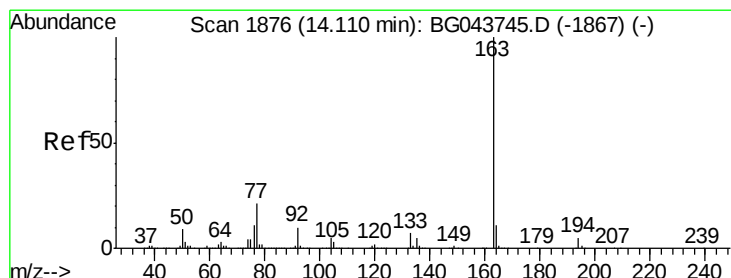
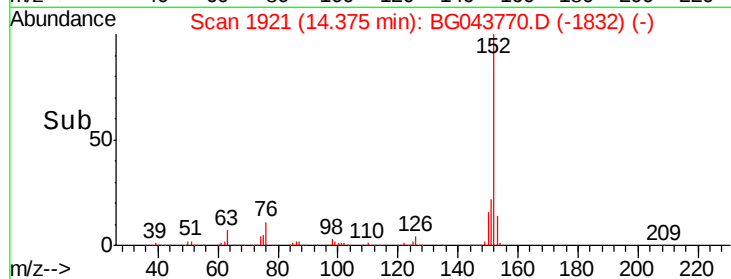
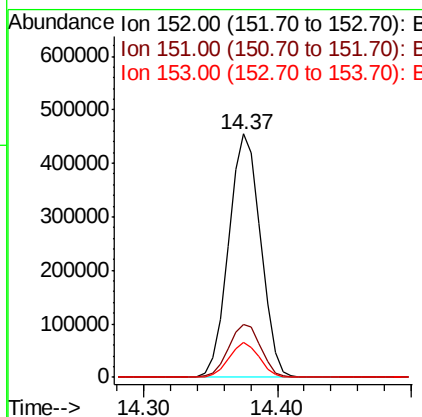
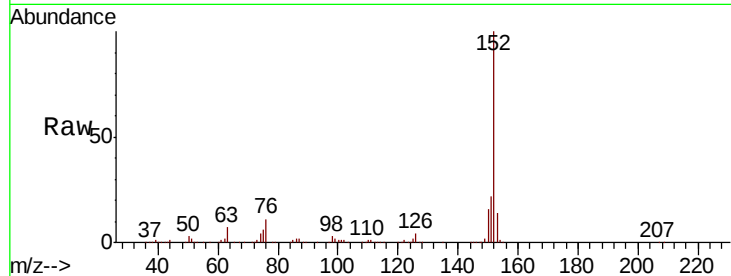
#49  
Acenaphthylene  
Concen: 43.307 ng  
RT: 14.37 min Scan# 1921  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.8  | 17.0  | 25.6  |
| 153     | 14.3  | 10.8  | 16.2  |

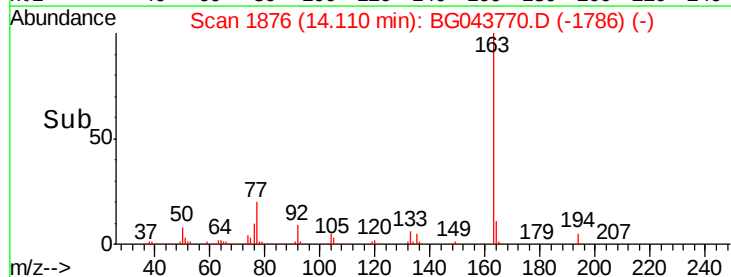
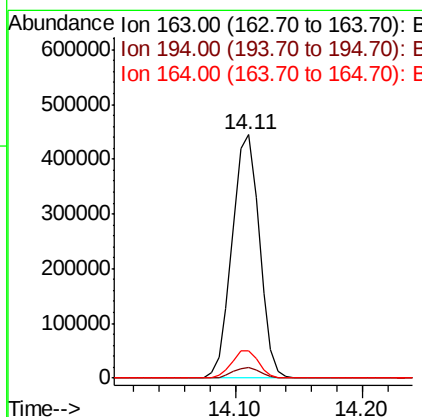
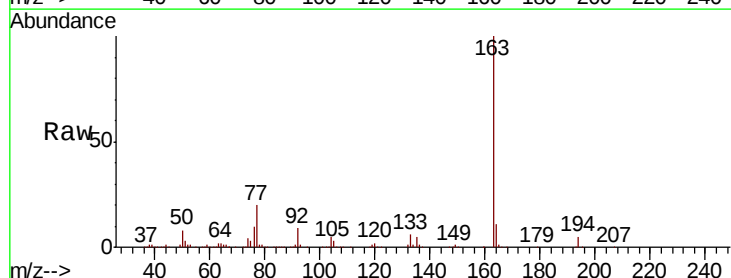
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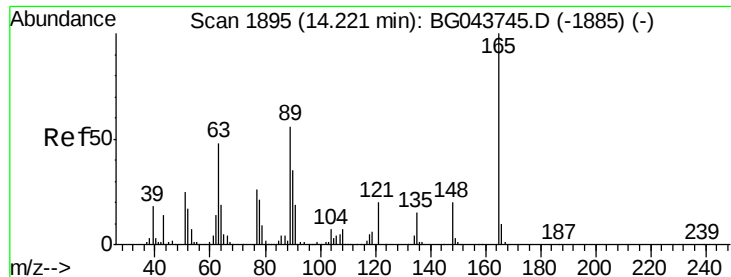
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#50  
Dimethylphthalate  
Concen: 42.350 ng  
RT: 14.11 min Scan# 1876  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.5   | 3.7   | 5.5   |
| 164     | 11.4  | 8.7   | 13.1  |





#51

2,6-Dinitrotoluene

Concen: 51.410 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

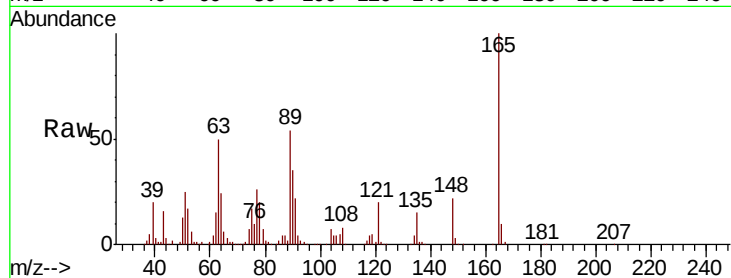
ClientSampleId :

PB125036BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 148516 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 49.7  | 43.4  | 65.2   |
| 89        | 53.7  | 44.6  | 67.0   |

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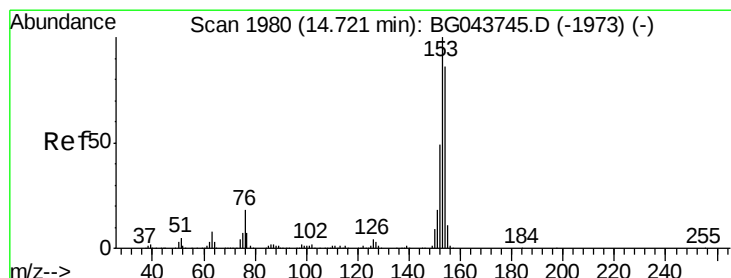
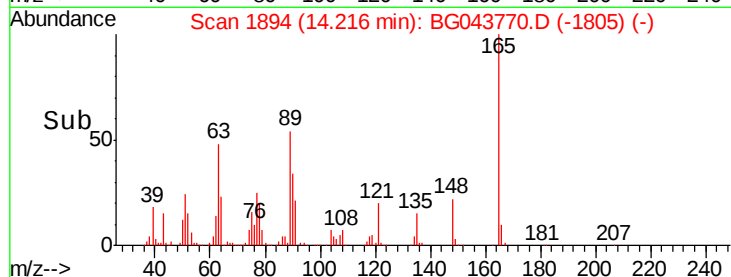
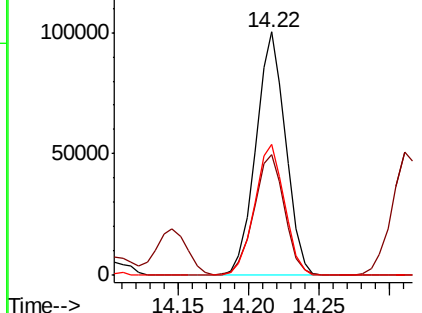
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 45.004 ng

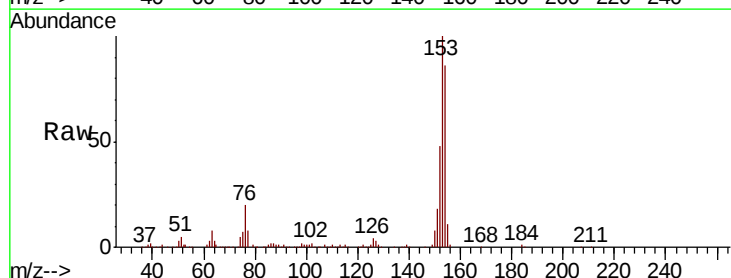
RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

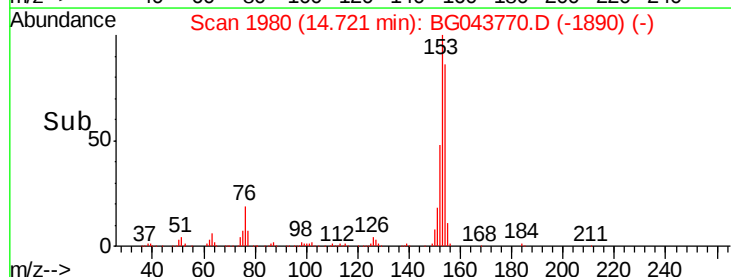
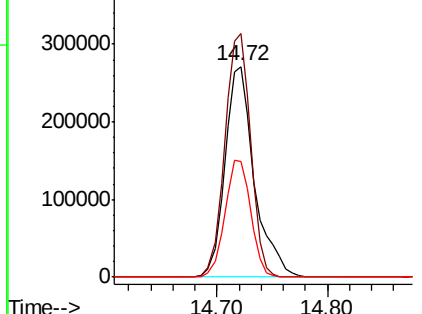
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 502646 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 115.7 | 92.9  | 139.3  |
| 152       | 55.3  | 45.2  | 67.8   |

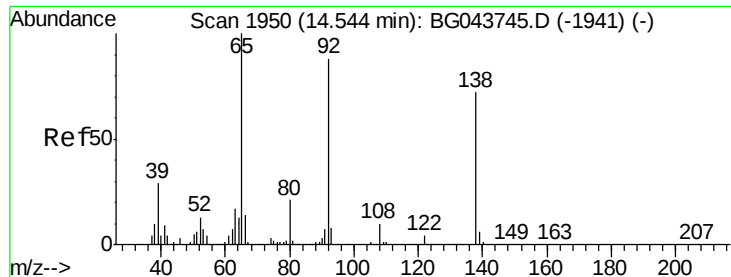


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





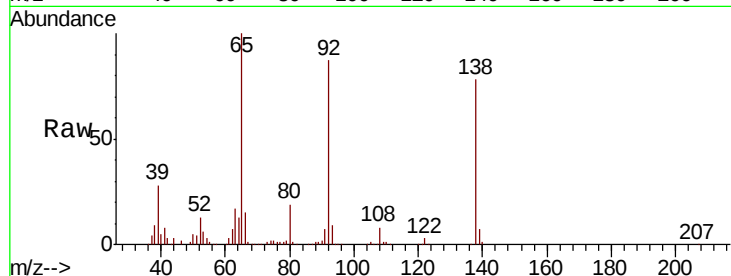
#53  
3-Nitroaniline  
Concen: 40.112 ng  
RT: 14.54 min Scan# 1949  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.8  | 11.7  | 17.5# |
| 92      | 112.5 | 97.2  | 145.8 |

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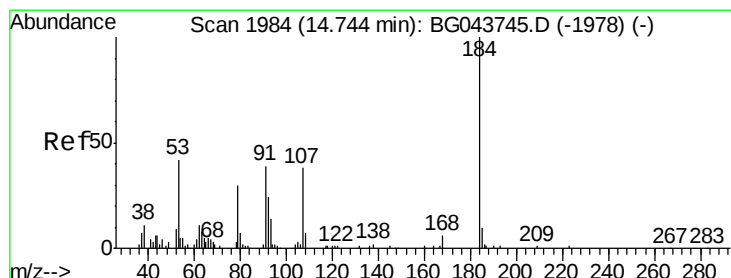
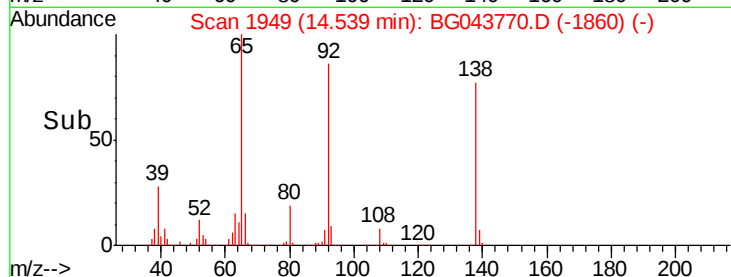
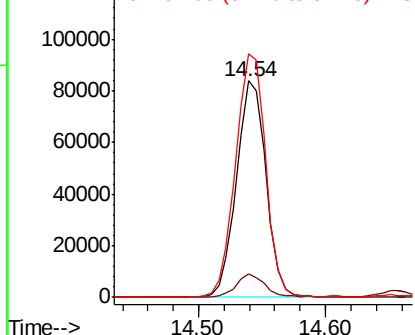


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54  
2,4-Dinitrophenol  
Concen: 100.754 ng  
RT: 14.74 min Scan# 1984  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

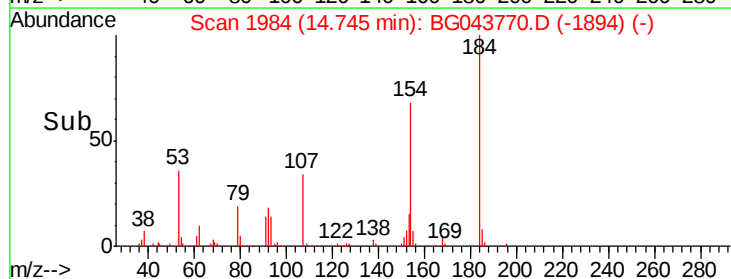
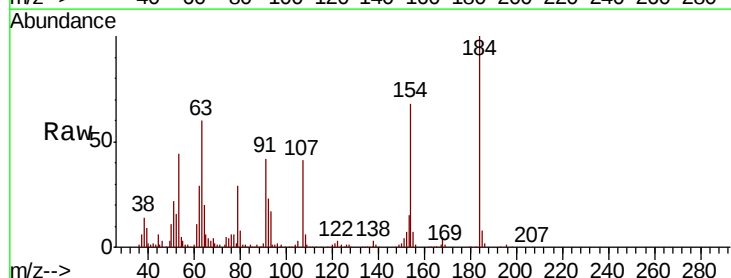
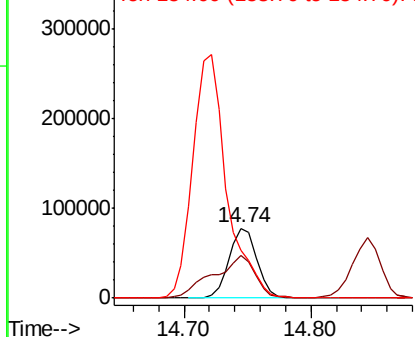
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 60.4  | 52.4  | 78.6   |
| 154     | 67.9  | 92.8  | 139.2# |

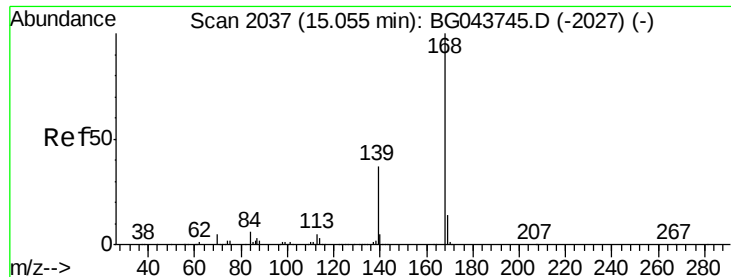
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





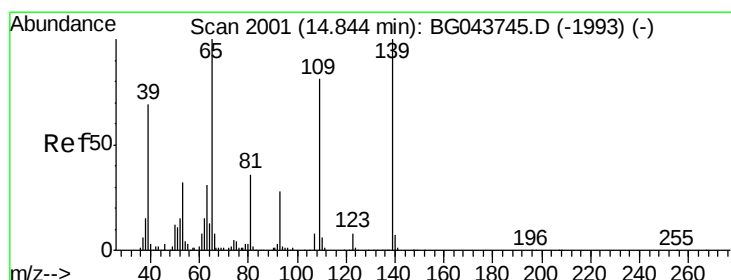
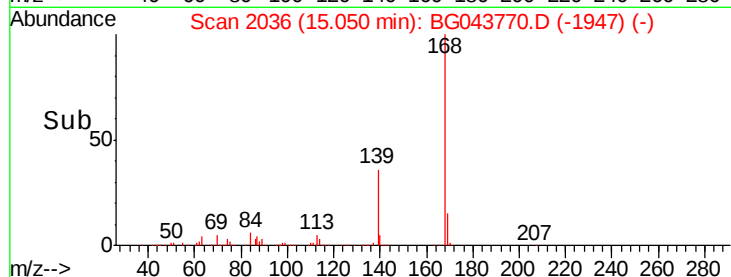
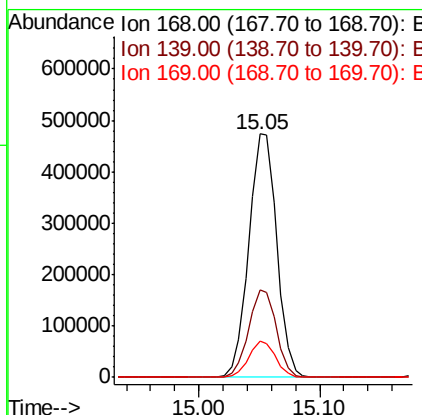
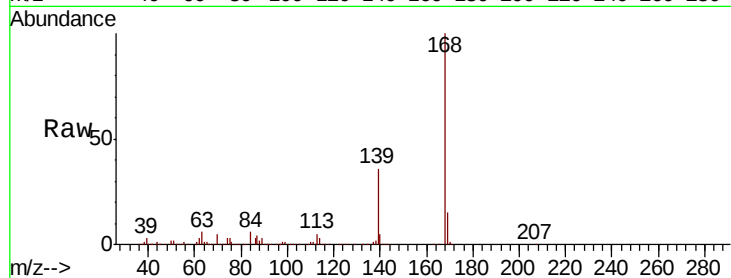
#55  
Dibenzenofuran  
Concen: 43.787 ng  
RT: 15.05 min Scan# 2036  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.1  | 29.4  | 44.2  |
| 169     | 14.9  | 11.3  | 16.9  |

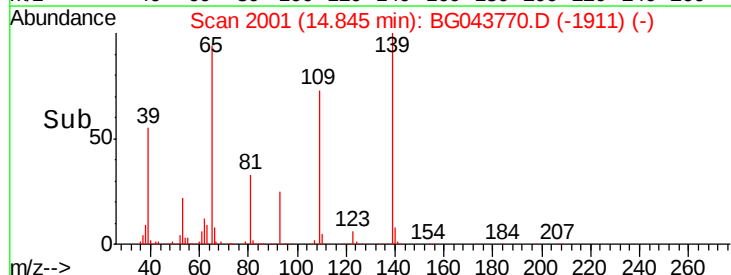
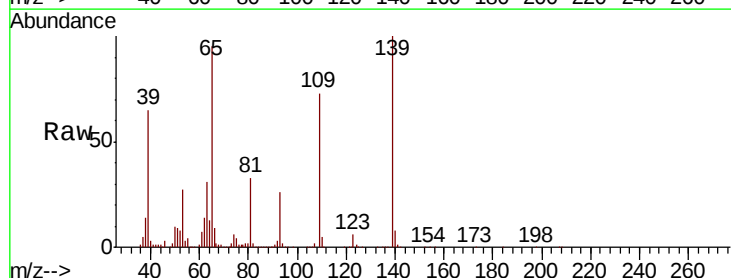
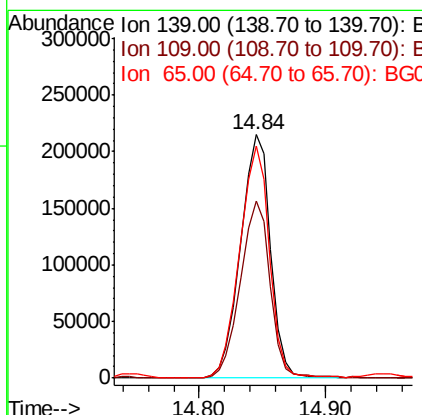
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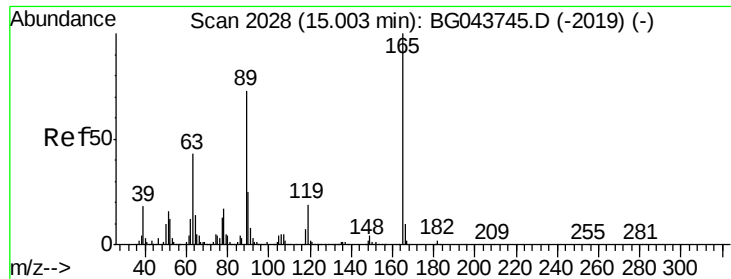
mohammad  
11/26/2019 12:48:49 PM



#56  
4-Nitrophenol  
Concen: 124.213 ng  
RT: 14.84 min Scan# 2001  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 72.8  | 61.4  | 101.4 |
| 65      | 95.2  | 80.3  | 120.3 |





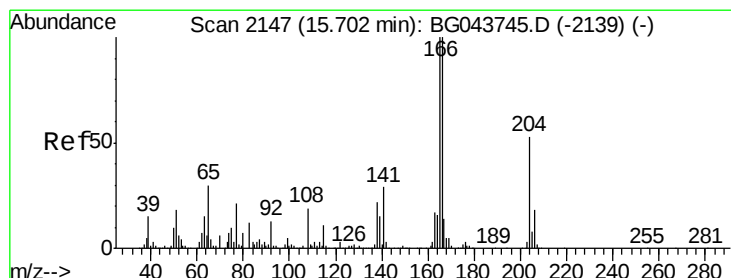
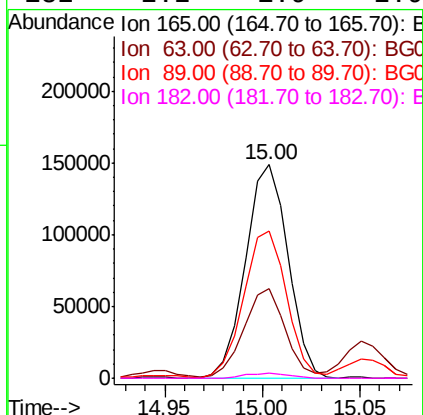
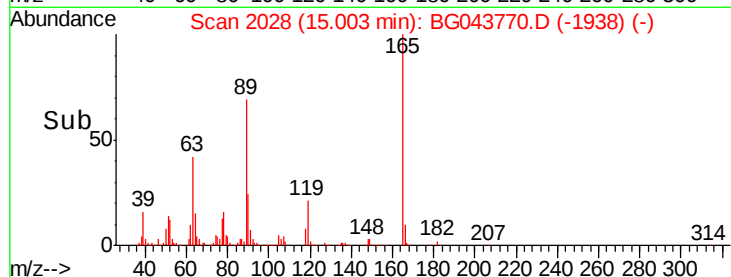
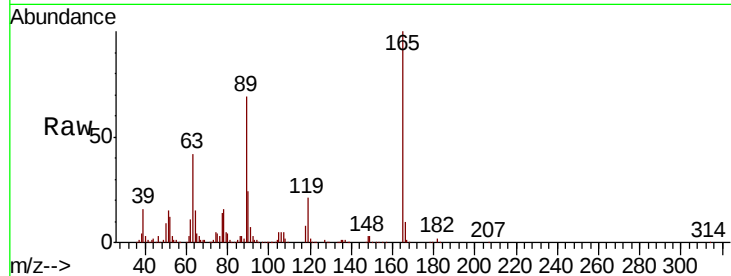
#57  
2,4-Dinitrotoluene  
Concen: 55.910 ng  
RT: 15.00 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 223998 |       |       |
| 63      | 42.0 | 34.6  | 51.8   |       |       |
| 89      | 68.7 | 58.3  | 87.5   |       |       |
| 182     | 2.2  | 1.9   | 2.9    |       |       |

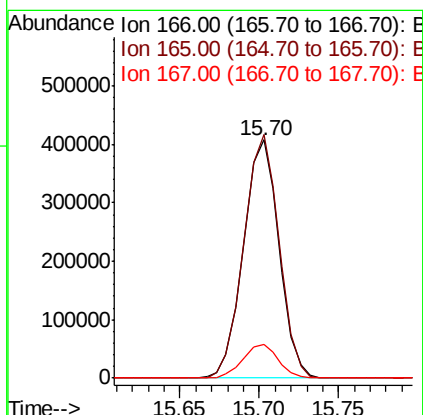
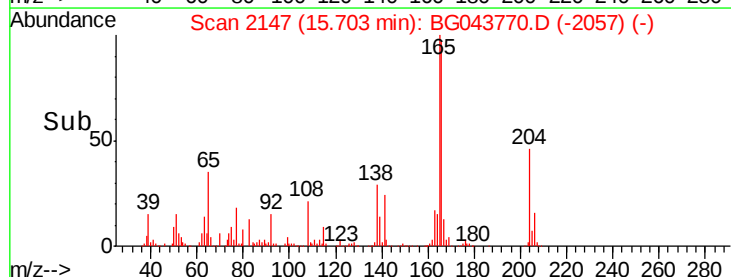
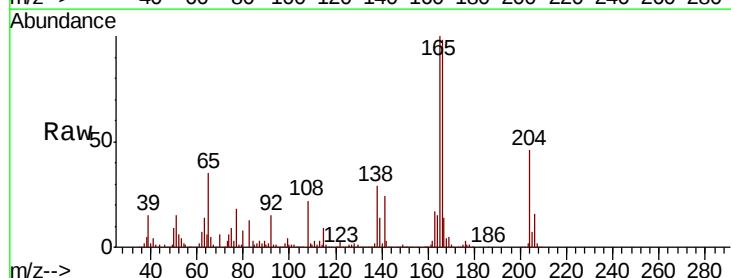
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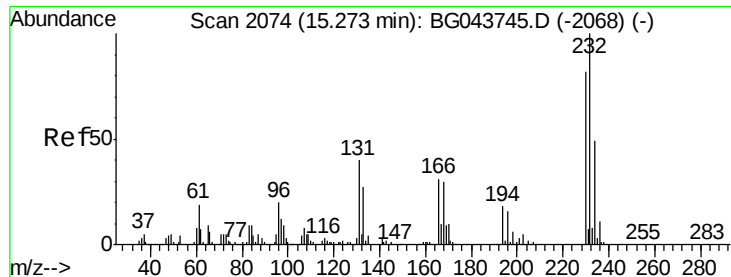
mohammad  
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#58  
Fluorene  
Concen: 44.322 ng  
RT: 15.70 min Scan# 2147  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 166     | 100   |       | 632430 |       |       |
| 165     | 102.2 | 79.9  | 119.9  |       |       |
| 167     | 14.2  | 11.4  | 17.0   |       |       |





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.034 ng

RT: 15.27 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

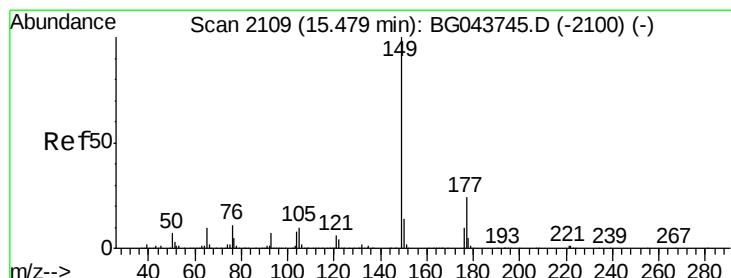
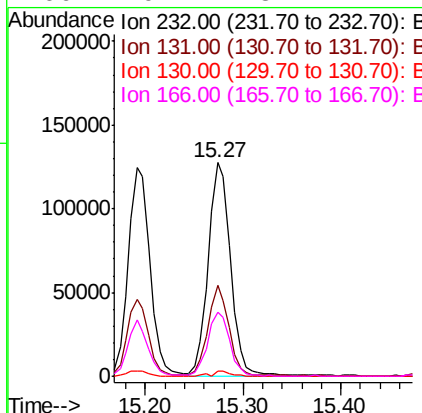
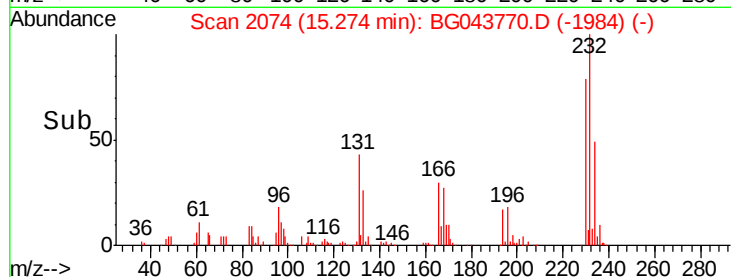
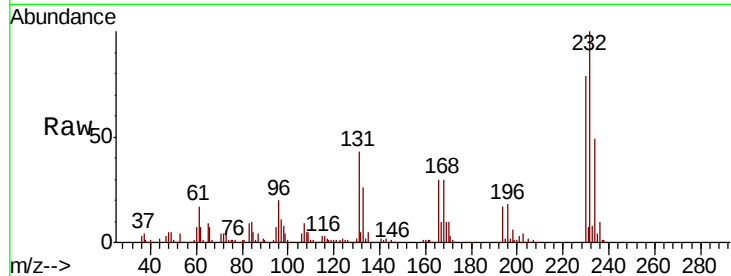
ClientSampleId :

PB125036BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 201701 |       |       |
| 131     | 40.7  | 27.0   | 40.6# |       |
| 130     | 2.1   | 1.6    | 2.4   |       |
| 166     | 29.4  | 18.2   | 27.2# |       |

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#60

Diethylphthalate

Concen: 44.460 ng

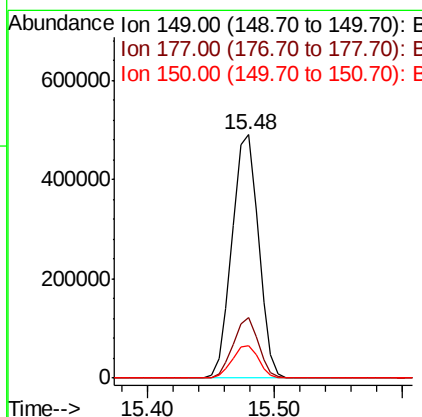
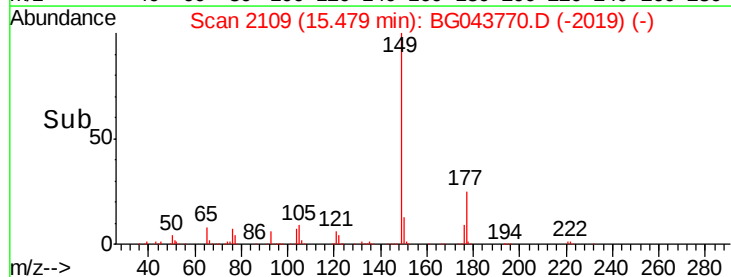
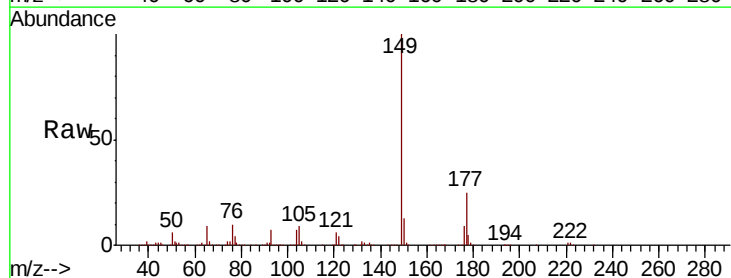
RT: 15.48 min Scan# 2109

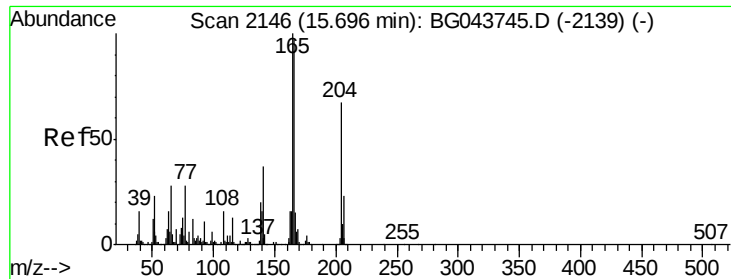
Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 707676 |       |       |
| 177     | 24.9  | 19.3   | 28.9  |       |
| 150     | 13.4  | 11.1   | 16.7  |       |





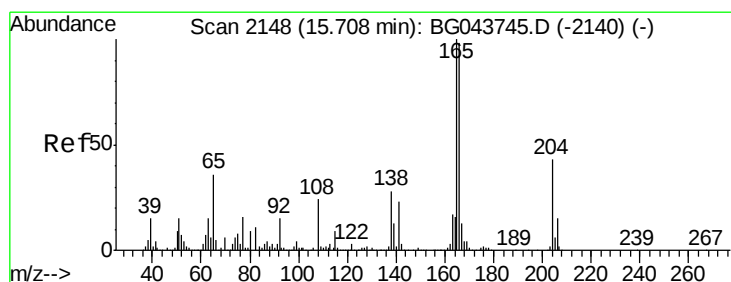
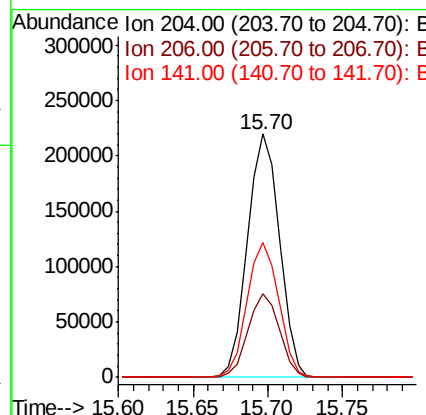
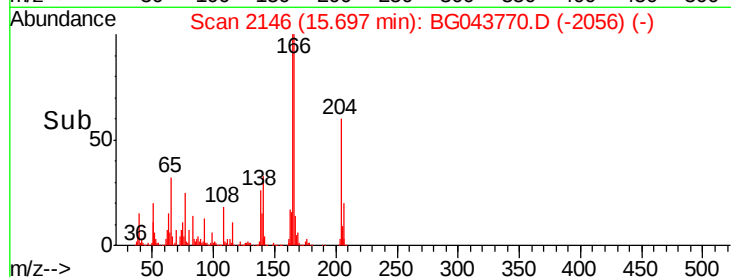
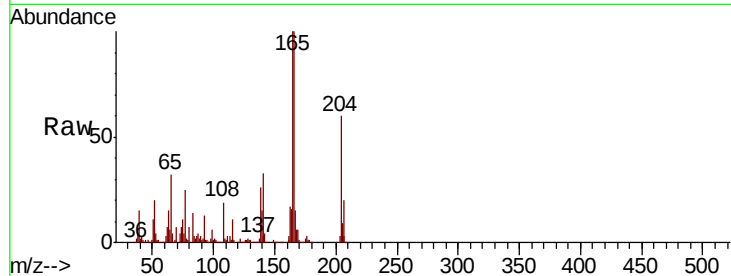
#61  
4-Chlorophenyl-phenylether  
Concen: 41.483 ng  
RT: 15.70 min Scan# 2146  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampled :  
PB125036BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 34.2  | 27.4 | 41.0  |       |
| 141     | 55.3  | 44.3 | 66.5  |       |

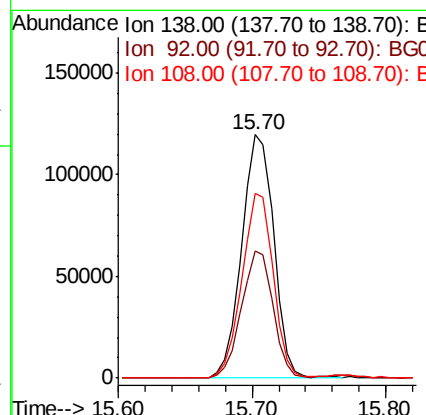
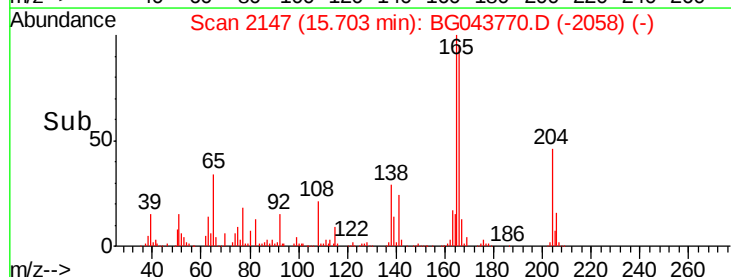
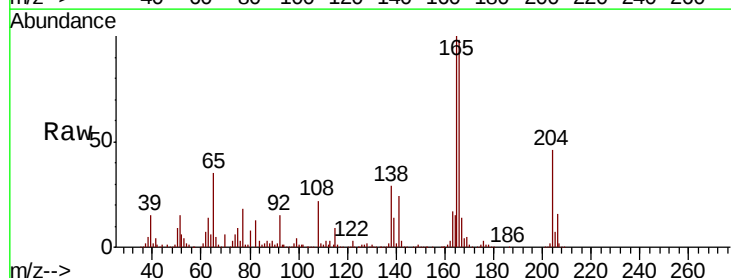
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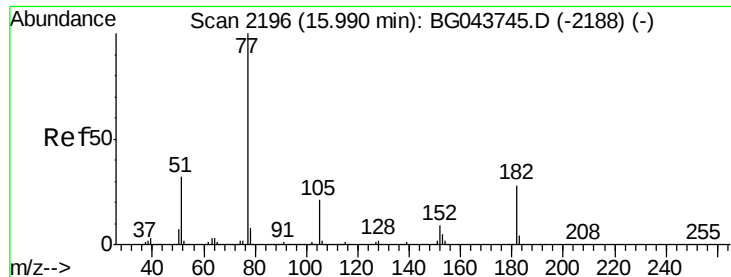
mohammad  
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#62  
4-Nitroaniline  
Concen: 51.367 ng  
RT: 15.70 min Scan# 2147  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 52.3  | 34.6 | 74.6  |       |
| 108     | 75.7  | 65.7 | 105.7 |       |





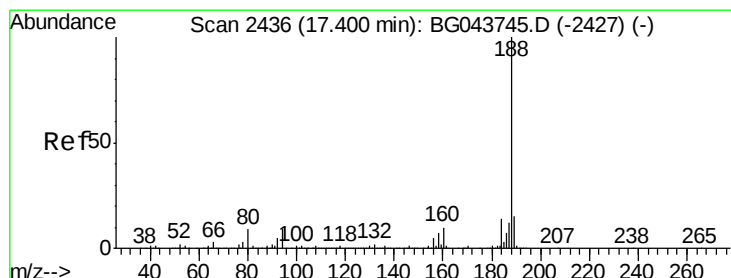
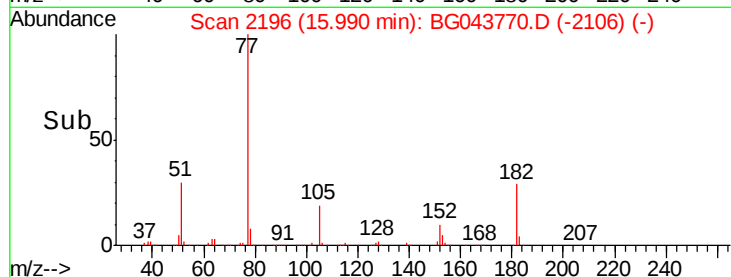
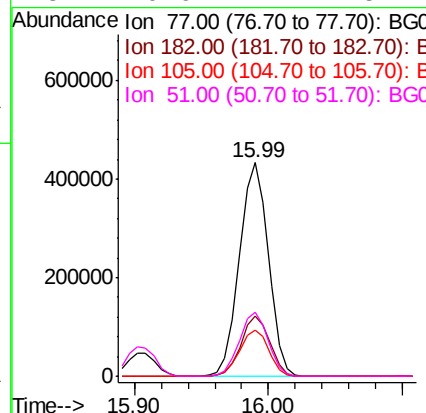
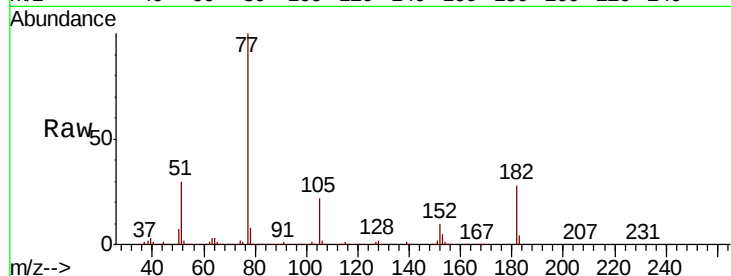
#63  
Azobenzene  
Concen: 44.467 ng  
RT: 15.99 min Scan# 2196  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 651063 |       |       |
| 182     | 28.2 | 7.6   | 47.6   |       |       |
| 105     | 21.6 | 0.7   | 40.7   |       |       |
| 51      | 29.9 | 12.1  | 52.1   |       |       |

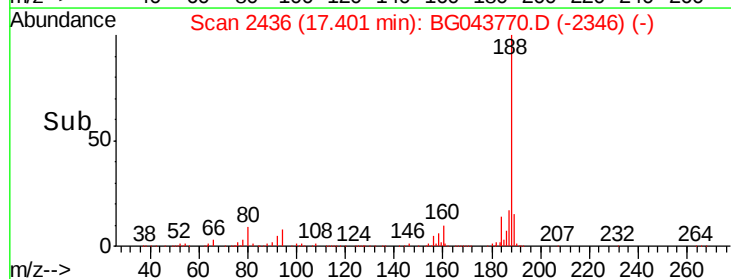
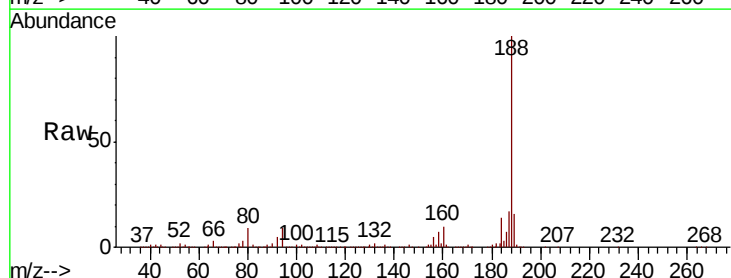
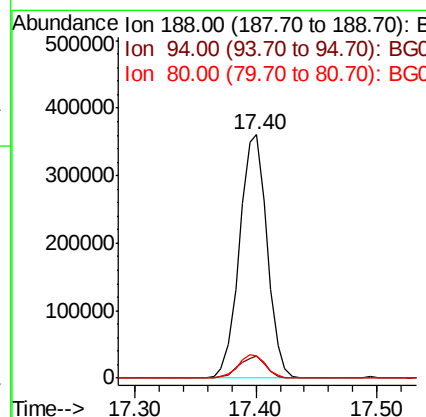
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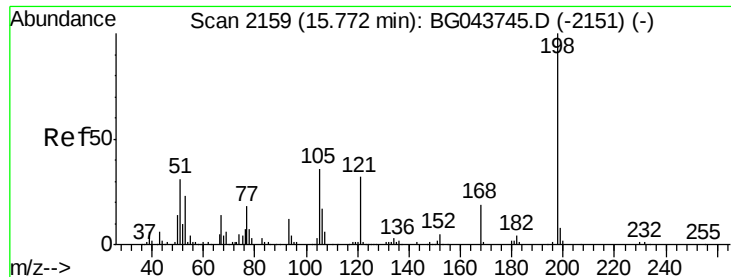
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.40 min Scan# 2436  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 574260 |       |       |
| 94      | 9.0 | 6.9   | 10.3   |       |       |
| 80      | 9.0 | 7.5   | 11.3   |       |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 44.967 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

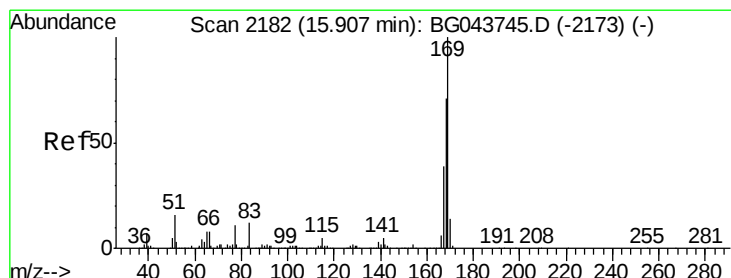
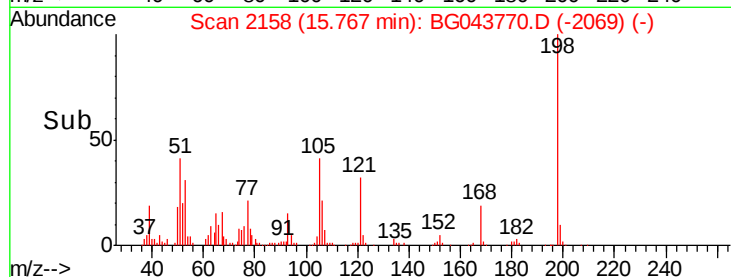
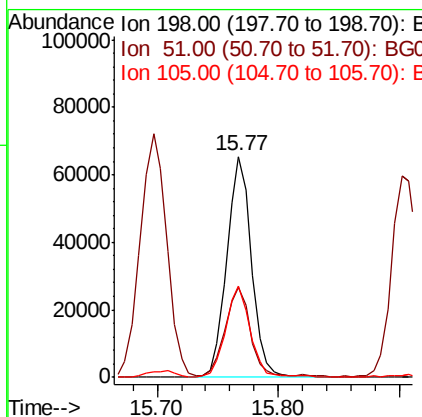
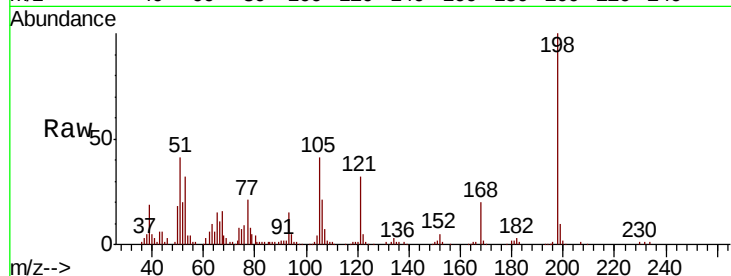
ClientSampleId :

PB125036BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 92997 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 40.6  | 16.8  | 56.8  |
| 105       | 41.2  | 17.3  | 57.3  |

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#66

n-Nitrosodiphenylamine

Concen: 41.597 ng

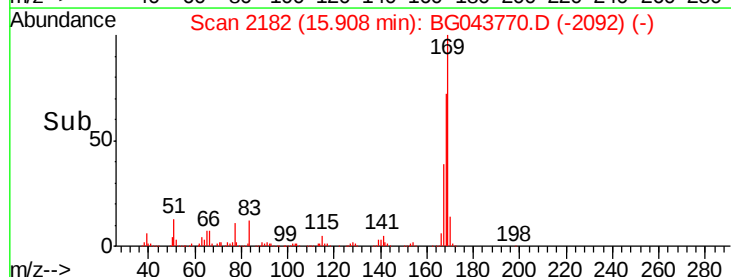
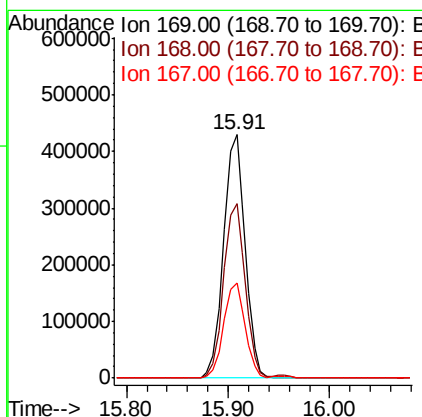
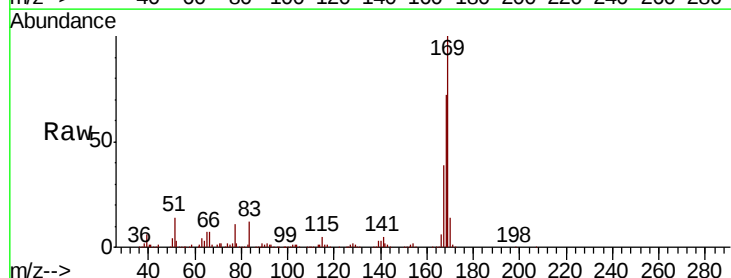
RT: 15.91 min Scan# 2182

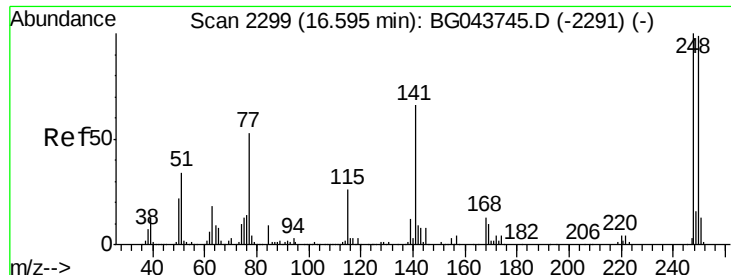
Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 632455 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 71.8  | 56.6  | 85.0   |
| 167       | 39.0  | 30.8  | 46.2   |





#67

4-Bromophenyl-phenylether

Concen: 37.178 ng

RT: 16.59 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

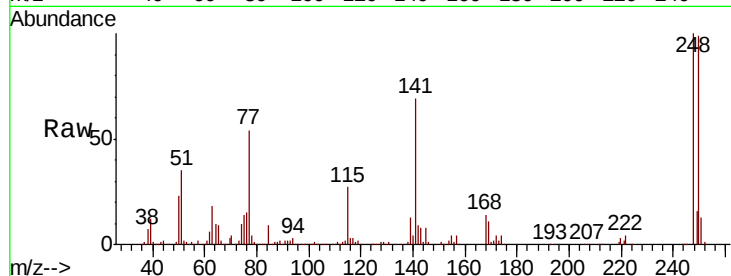
ClientSampleId :

PB125036BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 225148 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 99.3  | 79.3  | 118.9  |
| 141       | 68.5  | 53.0  | 79.6   |

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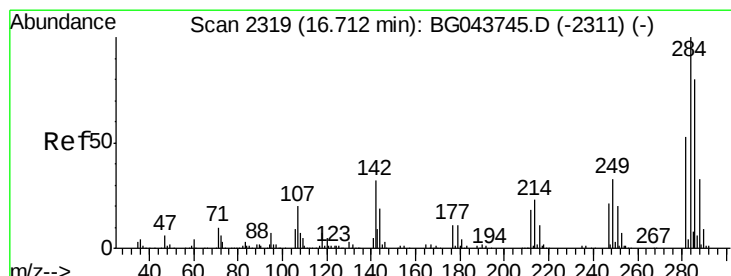
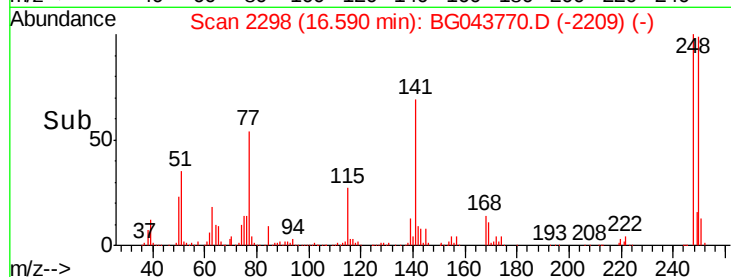
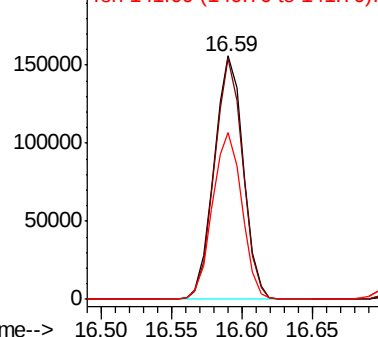


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 36.626 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

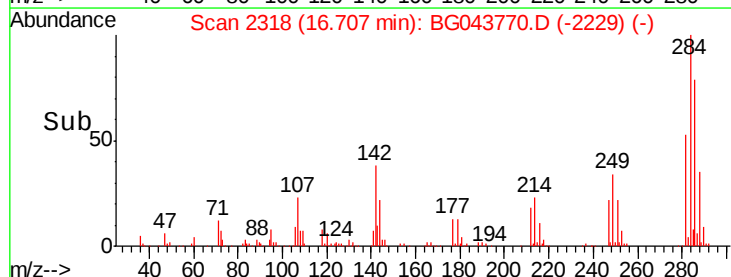
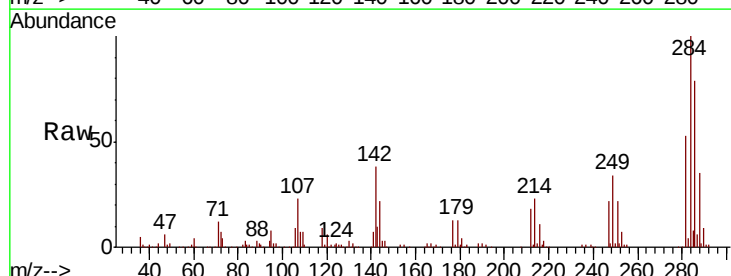
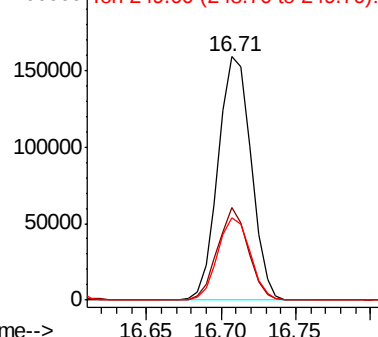
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 242480 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 37.9  | 25.4  | 38.0   |
| 249       | 33.8  | 26.2  | 39.4   |

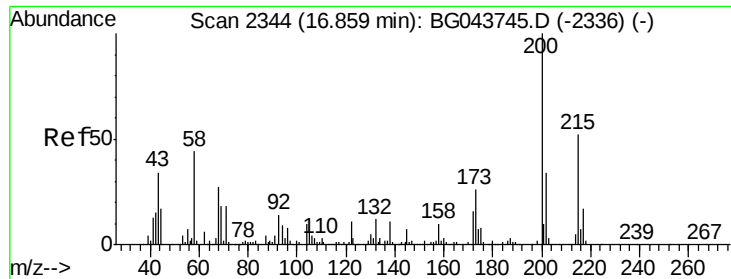
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.568 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

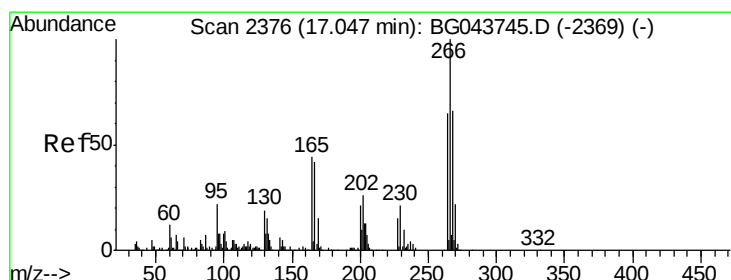
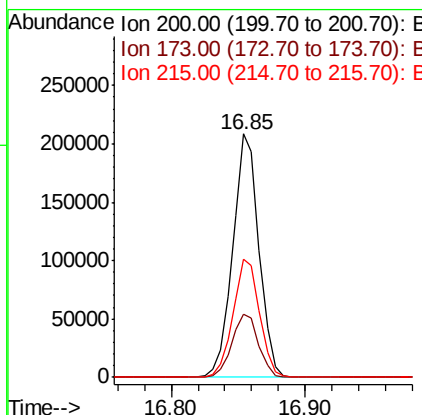
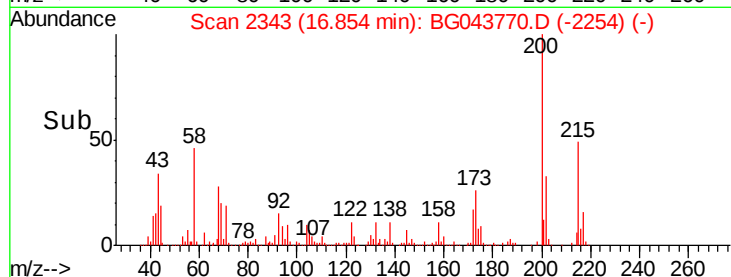
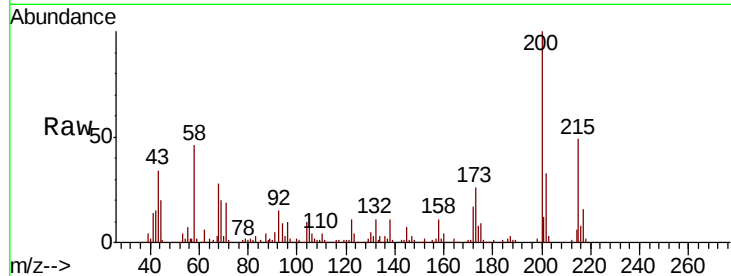
ClientSampleId :

PB125036BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 283761 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 26.1  | 6.0   | 46.0   |
| 215       | 48.7  | 32.4  | 72.4   |

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#70

Pentachlorophenol

Concen: 93.506 ng

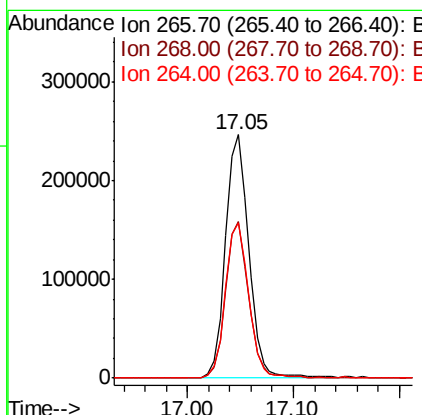
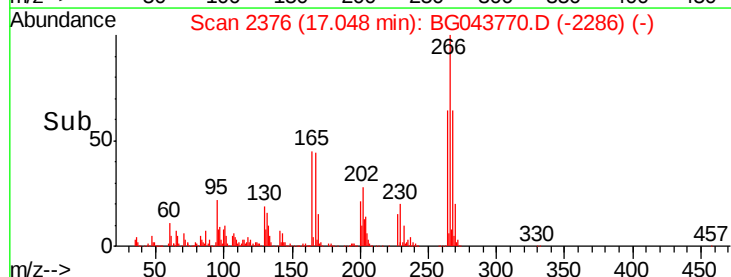
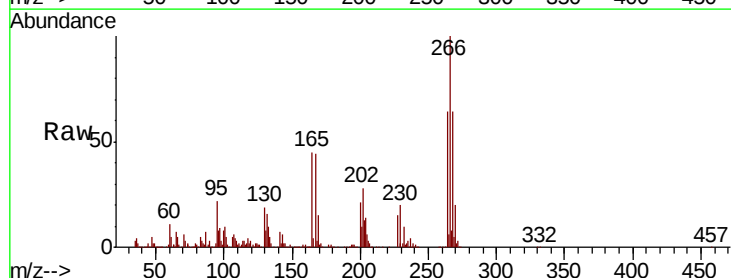
RT: 17.05 min Scan# 2376

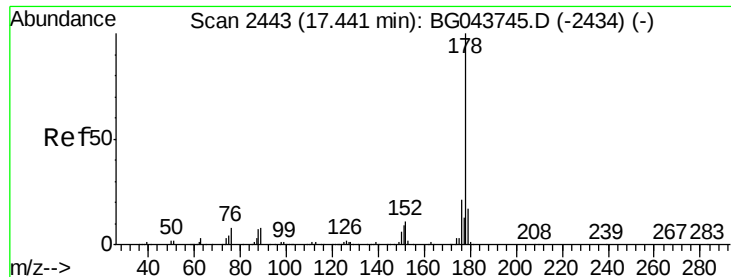
Delta R.T. 0.00 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 377746 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 64.1  | 52.9  | 79.3   |
| 264       | 63.9  | 51.6  | 77.4   |





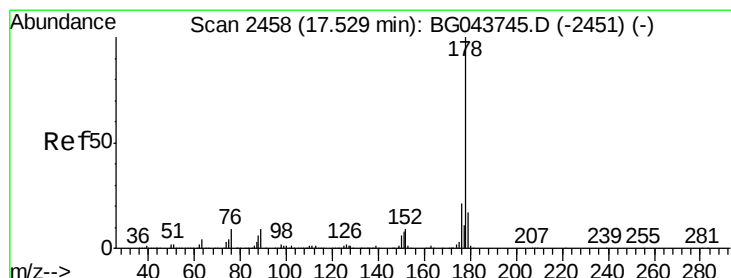
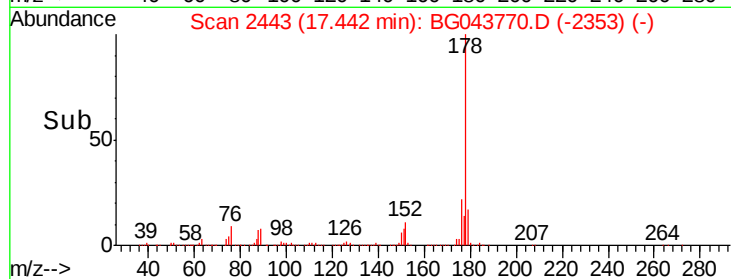
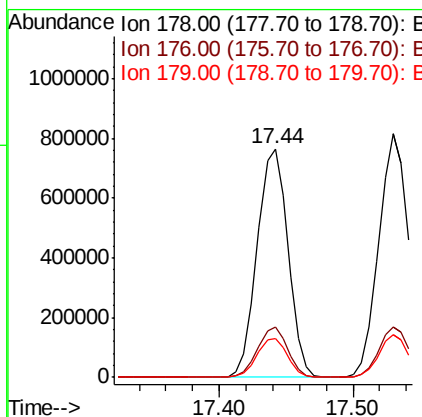
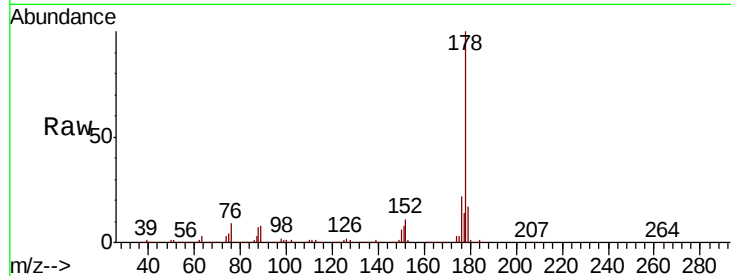
#71  
Phenanthrene  
Concen: 42.928 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 22.0  | 16.9  | 25.3  |
| 179     | 17.2  | 13.5  | 20.3  |

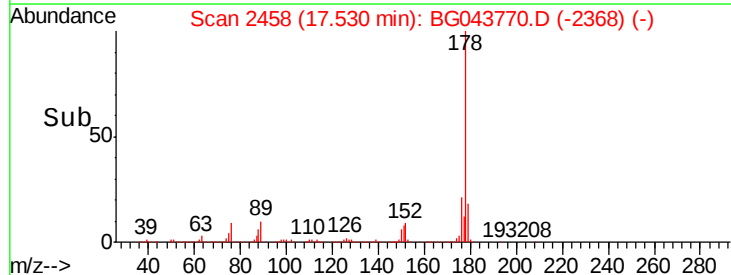
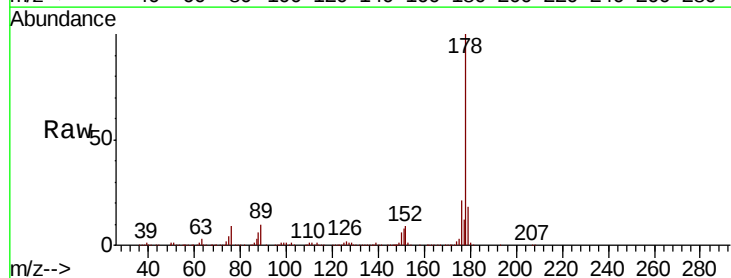
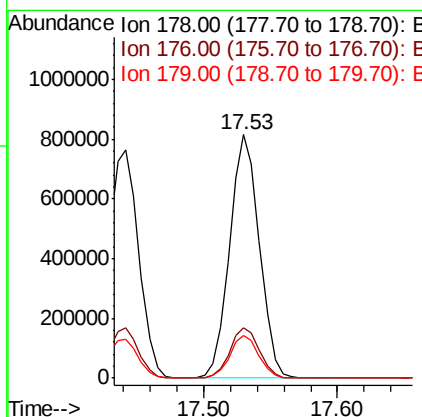
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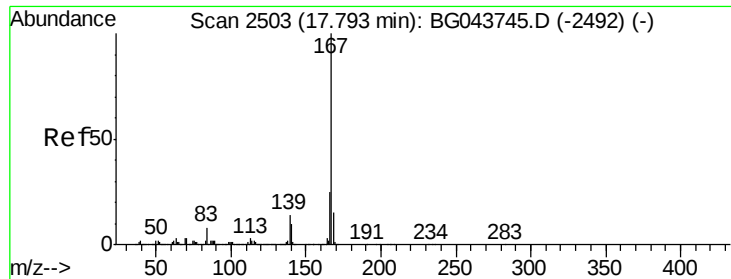
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#72  
Anthracene  
Concen: 43.748 ng  
RT: 17.53 min Scan# 2458  
Delta R.T. 0.00 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.9  | 16.5  | 24.7  |
| 179     | 17.7  | 13.4  | 20.2  |





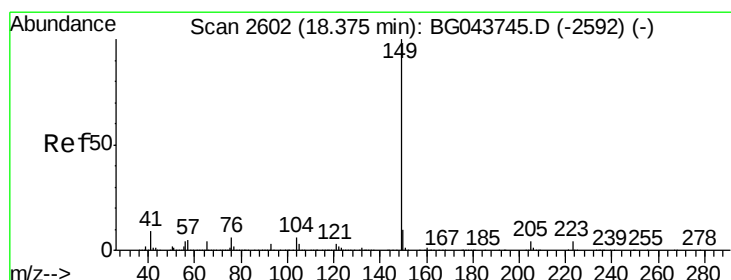
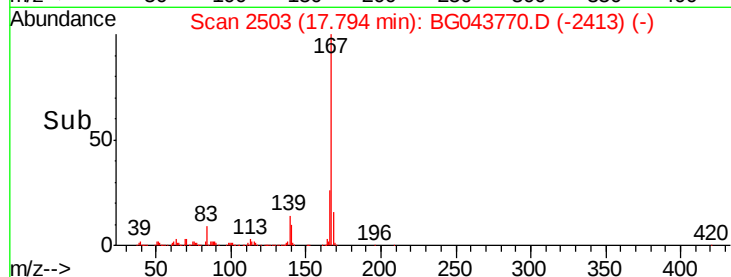
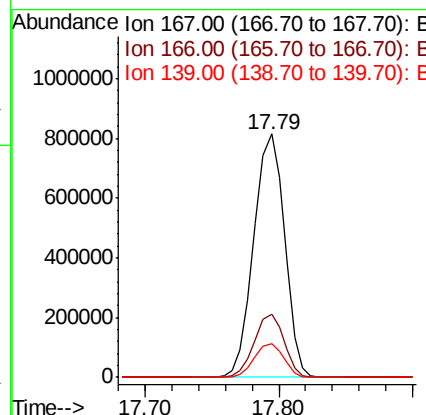
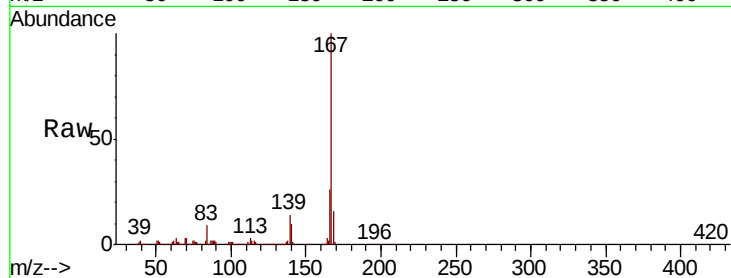
#73  
 Carbazole  
 Concen: 46.900 ng  
 RT: 17.79 min Scan# 2503  
 Delta R.T. 0.00 min  
 Lab File: BG043770.D  
 Acq: 25 Nov 2019 15:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 26.2  | 19.8  | 29.6  |
| 139     | 14.0  | 10.9  | 16.3  |

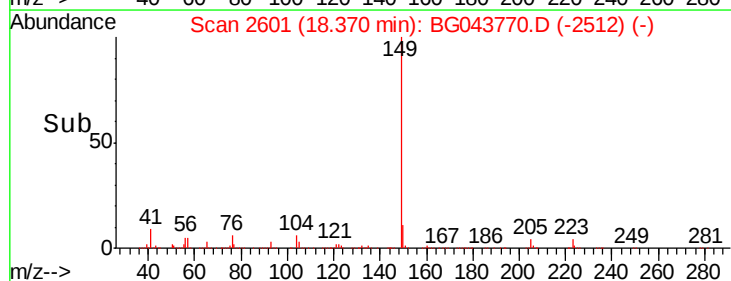
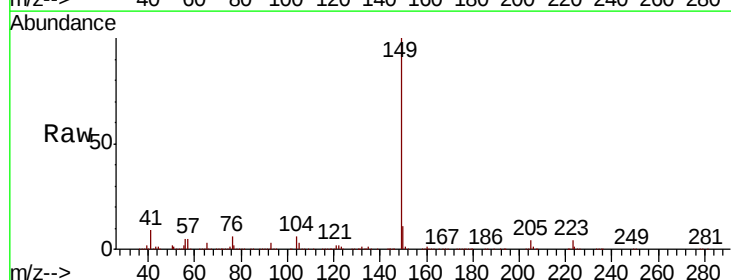
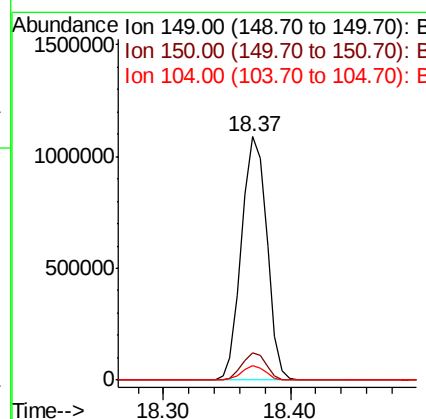
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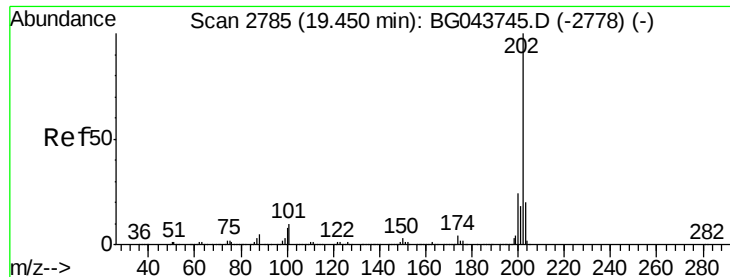
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#74  
 Di-n-butylphthalate  
 Concen: 41.227 ng  
 RT: 18.37 min Scan# 2601  
 Delta R.T. -0.01 min  
 Lab File: BG043770.D  
 Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 11.3  | 8.4   | 12.6  |
| 104     | 5.8   | 4.6   | 7.0   |





#75

Fluoranthene

Concen: 43.148 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

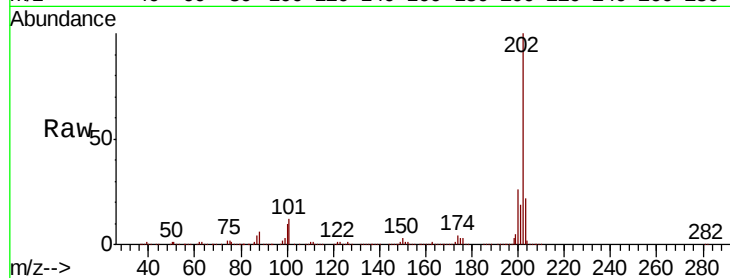
ClientSampleId :

PB125036BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1758691 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 11.9  | 0.0   | 30.1    |
| 203      | 21.9  | 0.0   | 39.7    |

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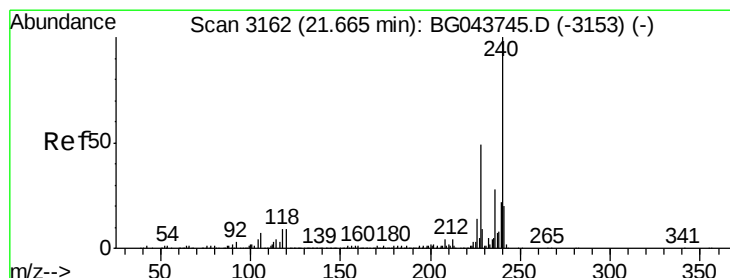
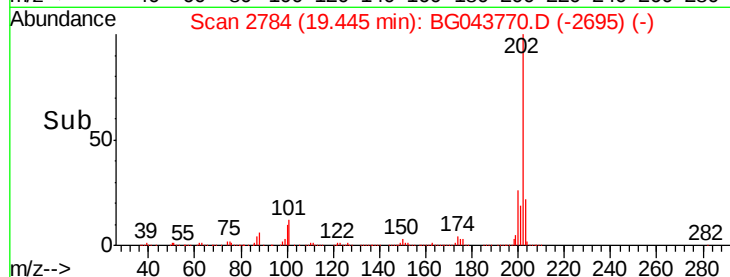
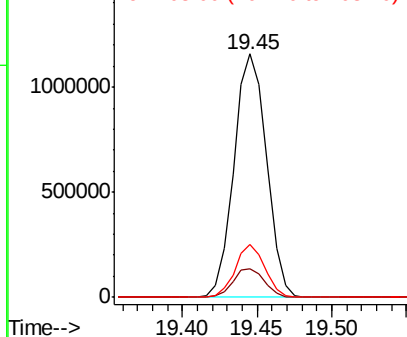


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

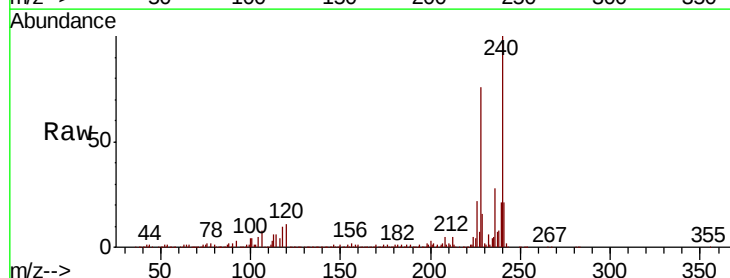
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 708245 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 10.6  | 7.5   | 11.3   |
| 236      | 28.0  | 22.6  | 34.0   |

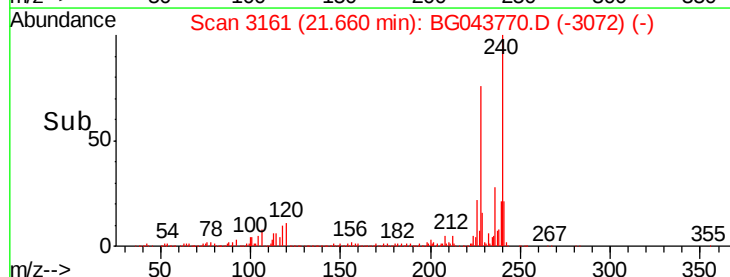
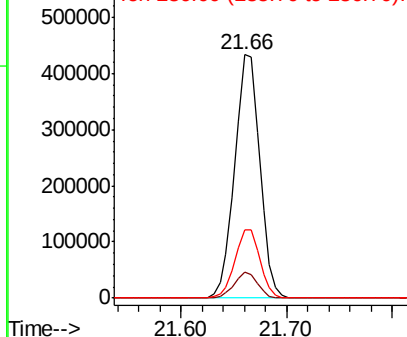


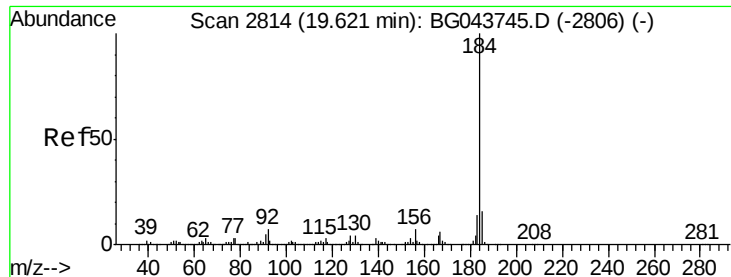
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.077 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

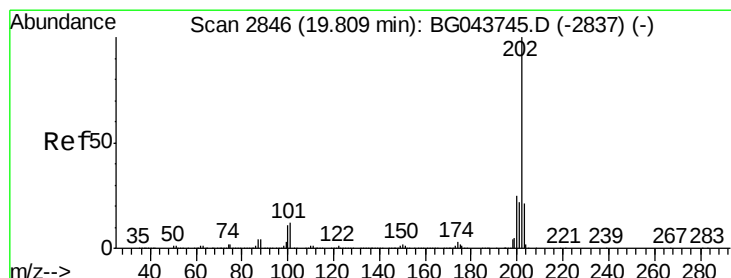
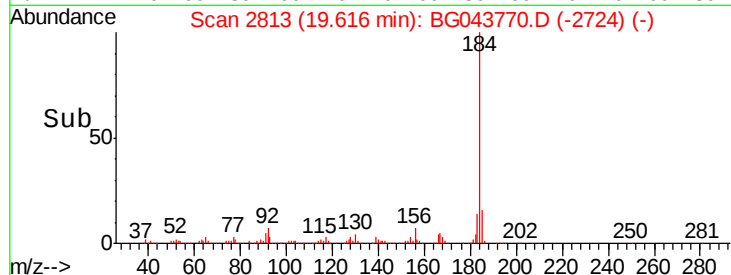
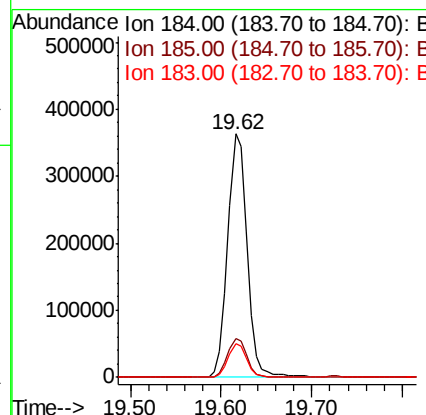
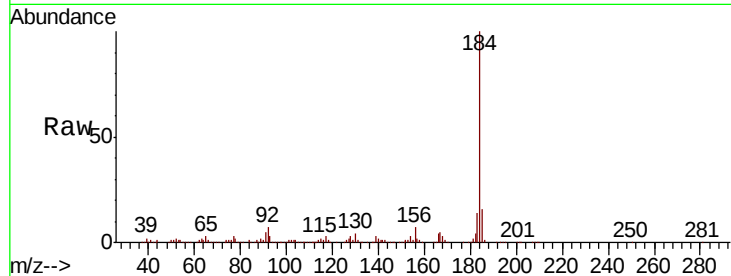
ClientSampleId :

PB125036BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 539503 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 16.0  | 12.8  | 19.2   |
| 183       | 13.9  | 11.3  | 16.9   |

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#78

Pyrene

Concen: 39.547 ng

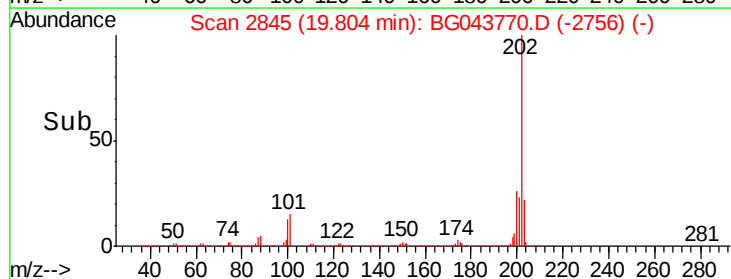
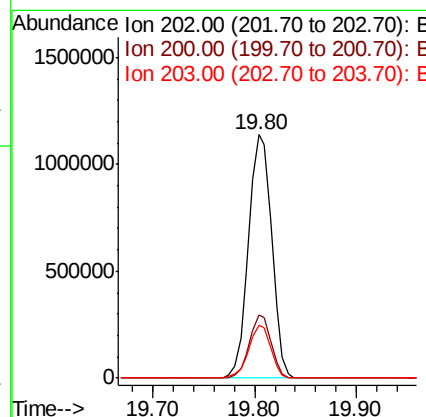
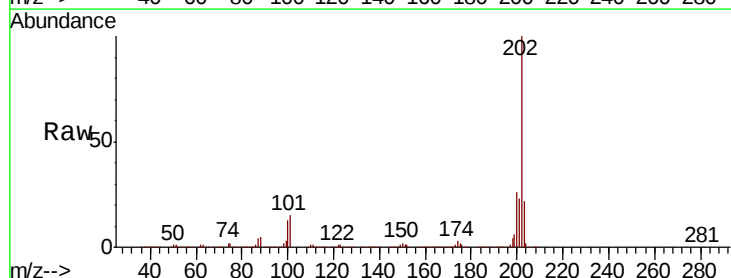
RT: 19.80 min Scan# 2845

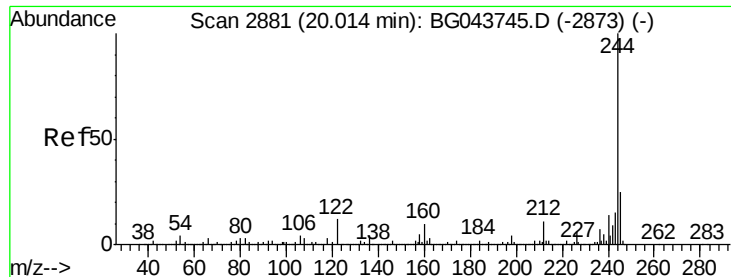
Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1807649 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 26.2  | 19.8  | 29.6    |
| 203       | 21.8  | 16.6  | 24.8    |





#79

Terphenyl-d14

Concen: 62.950 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

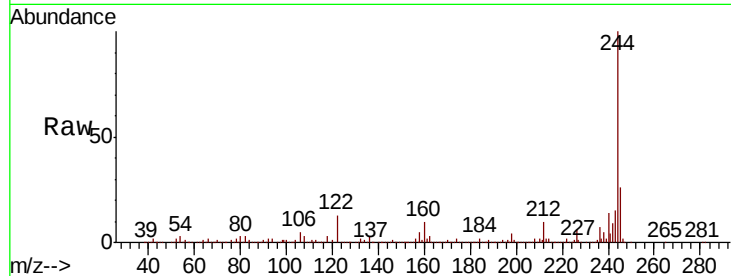
ClientSampleId :

PB125036BS

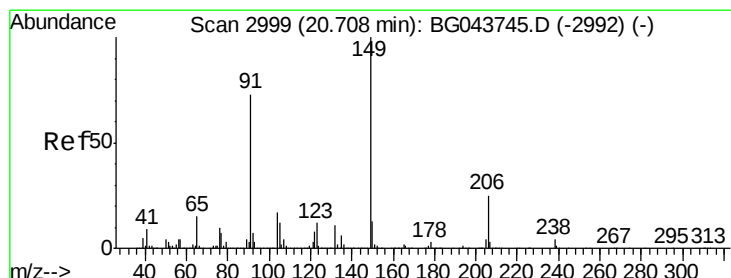
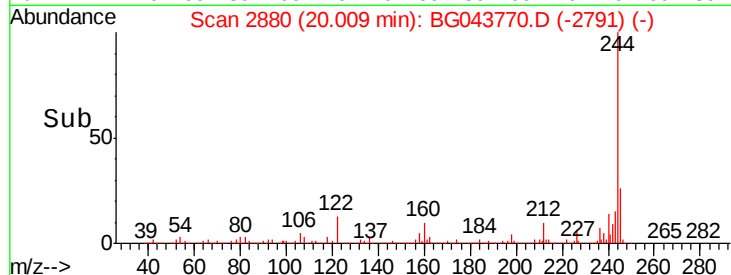
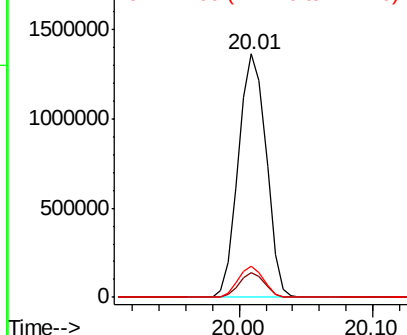
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 244   | Resp: | 1973056 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 10.3  | 8.5   | 12.7    |
| 122       | 12.6  | 9.5   | 14.3    |

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



#80

Butylbenzylphthalate

Concen: 42.670 ng

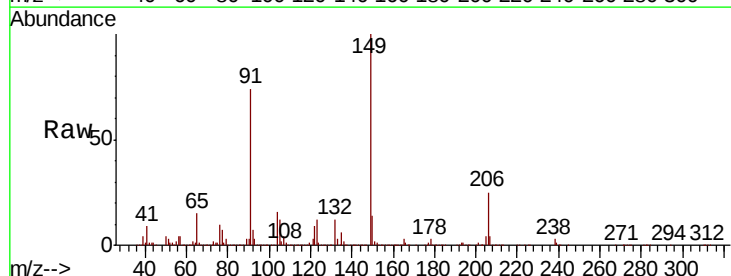
RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

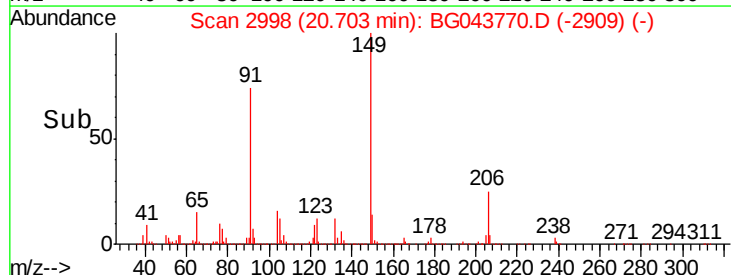
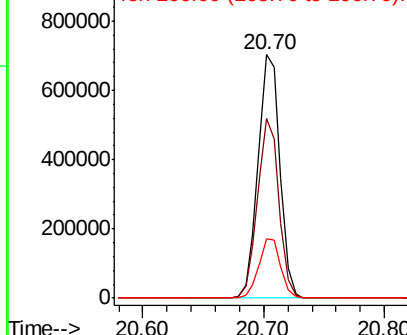
Lab File: BG043770.D

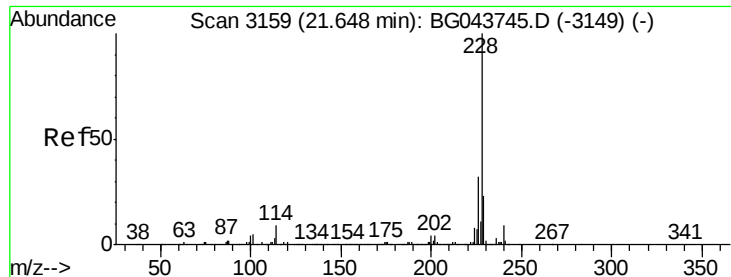
Acq: 25 Nov 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 888495 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 73.5  | 58.8  | 88.2   |
| 206       | 24.5  | 19.8  | 29.6   |



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





#81

Benzo(a)anthracene

Concen: 40.360 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

ClientSampleId :

PB125036BS

Tot Ion:228 Resp: 1910973

Ion Ratio Lower Upper

228 100

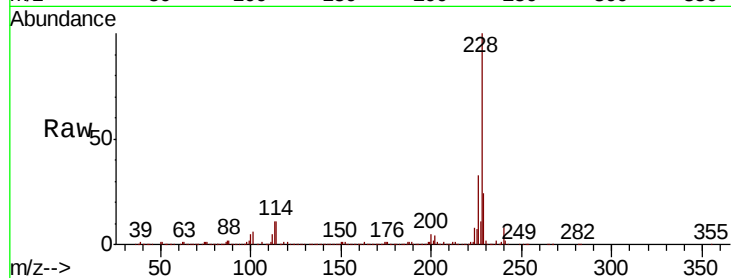
226 33.1 25.4 38.2

229 23.7 18.1 27.1

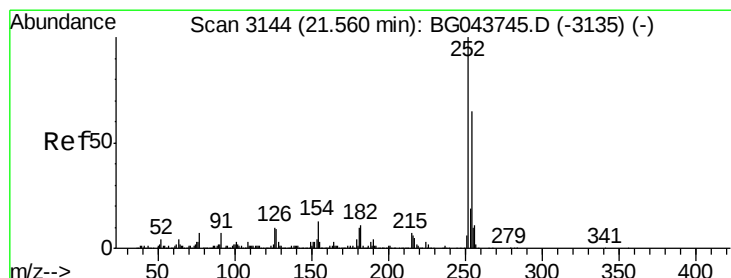
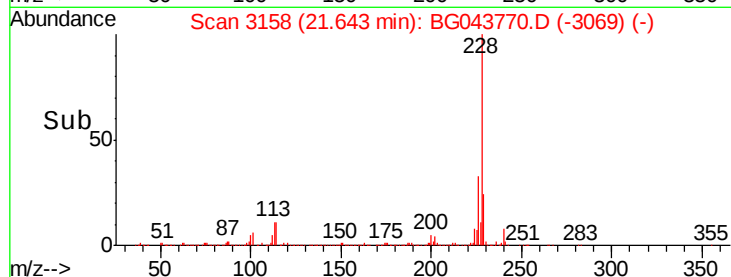
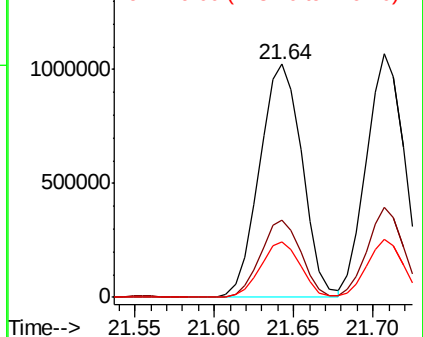
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Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.479 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

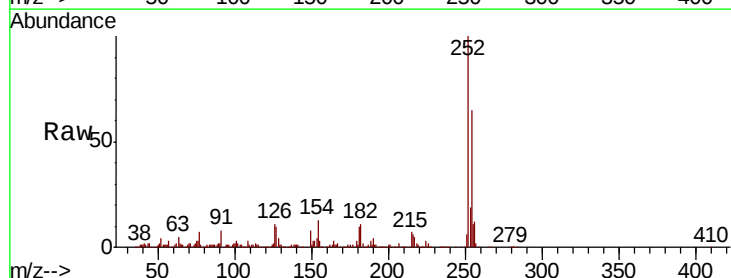
Tgt Ion:252 Resp: 541177

Ion Ratio Lower Upper

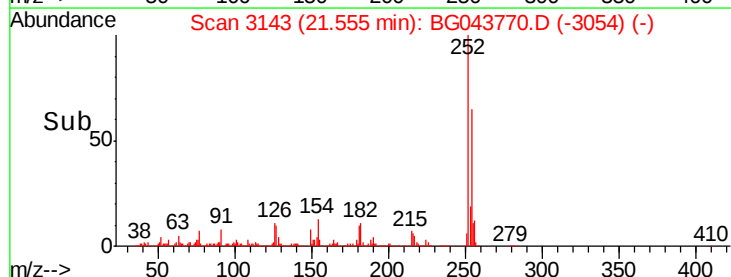
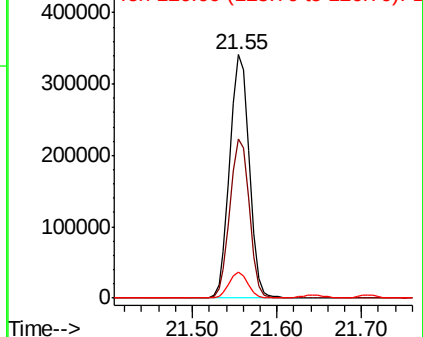
252 100

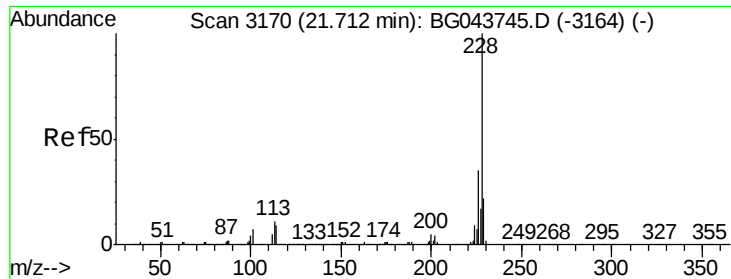
254 65.5 52.1 78.1

126 10.9 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





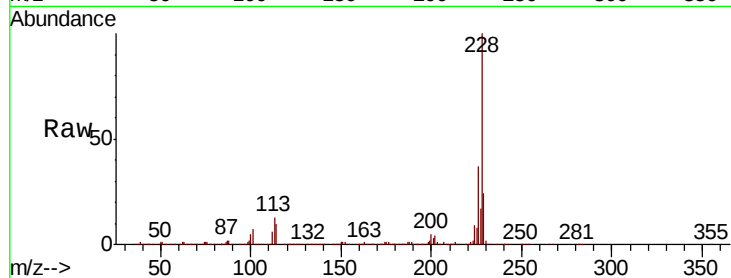
#83  
Chrysene  
Concen: 39.591 ng  
RT: 21.71 min Scan# 3169  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 36.9  | 27.8  | 41.8  |
| 229     | 23.6  | 17.9  | 26.9  |

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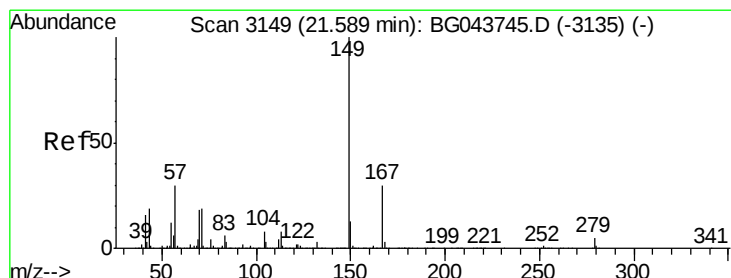
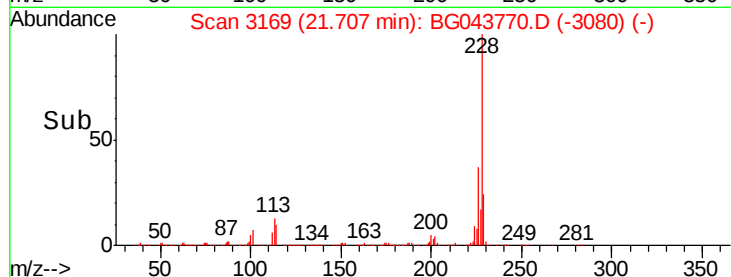
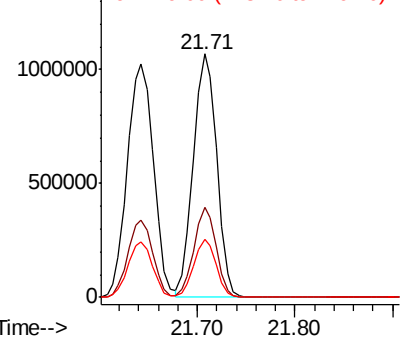


Abundance

Ion 228.00 (227.70 to 228.70): E

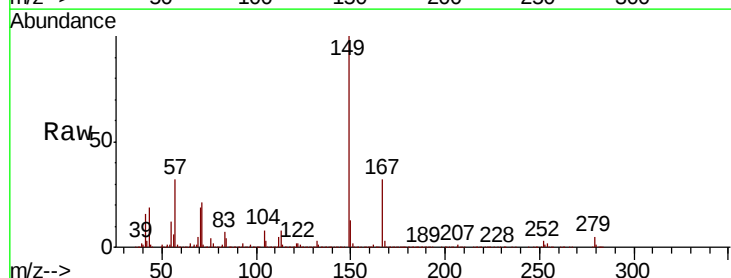
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.529 ng  
RT: 21.58 min Scan# 3147  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 32.1  | 23.8  | 35.6  |
| 279     | 4.7   | 4.0   | 6.0   |

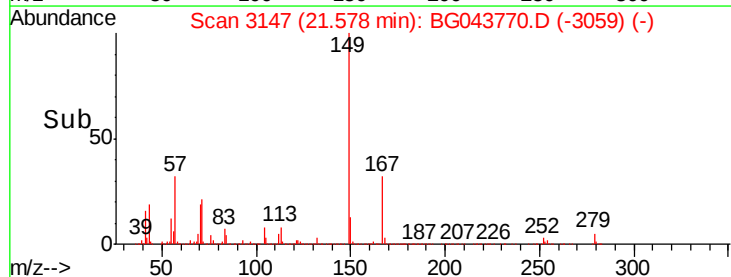
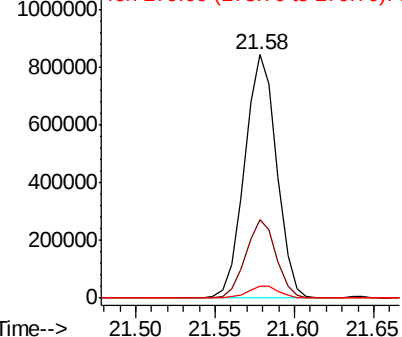


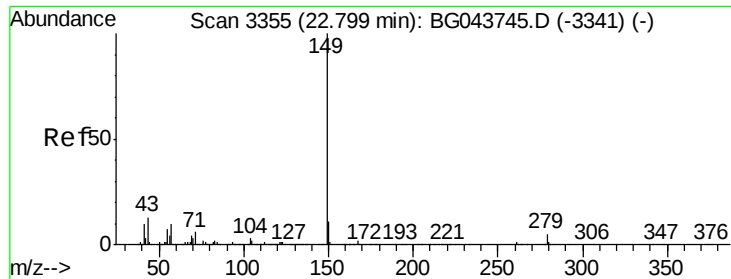
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





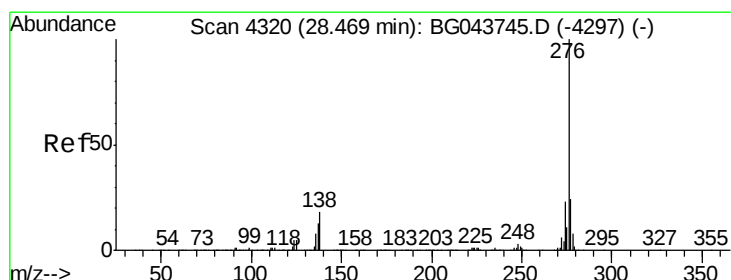
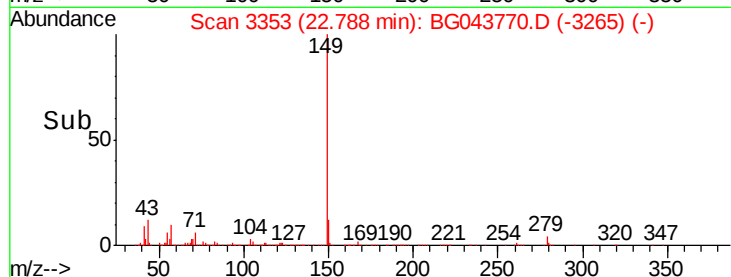
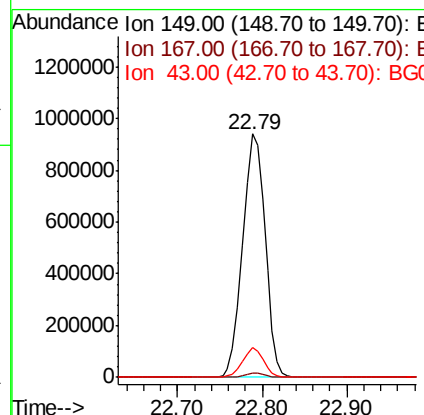
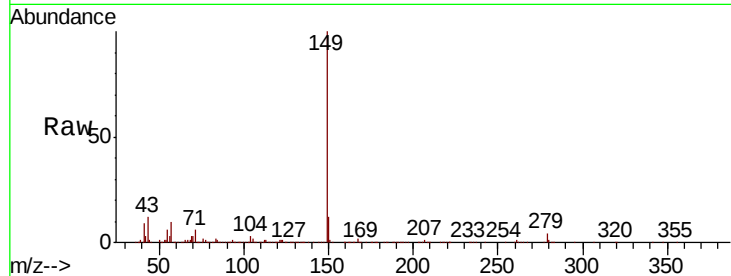
#85  
Di-n-octyl phthalate  
Concen: 36.347 ng  
RT: 22.79 min Scan# 3353  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.4   | 2.0   |
| 43      | 11.1  | 9.8   | 14.6  |

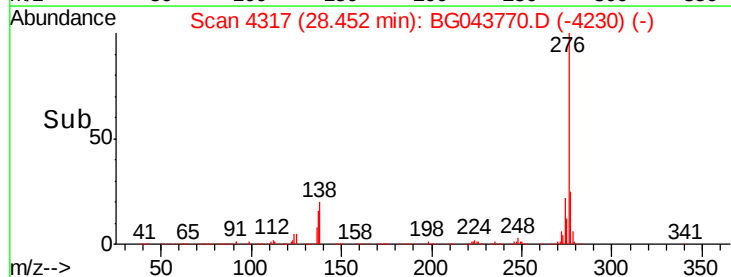
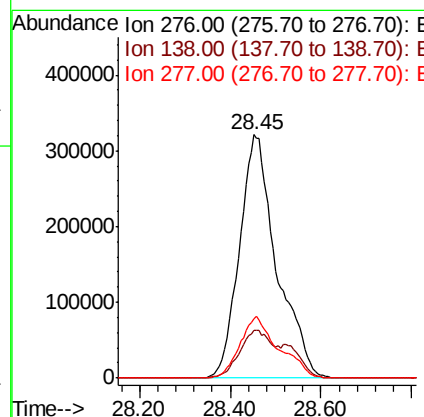
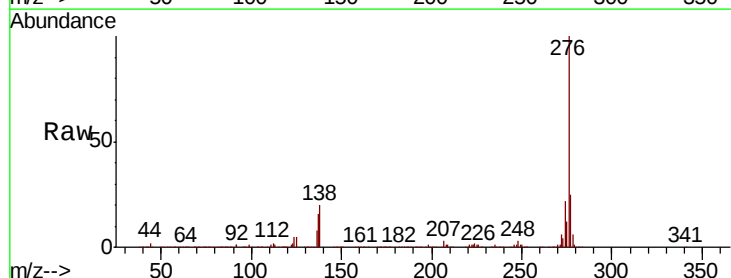
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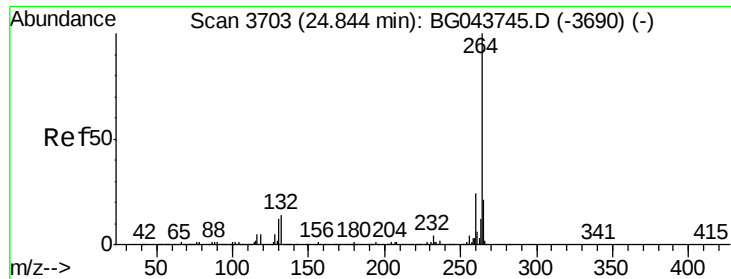
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 35.068 ng  
RT: 28.45 min Scan# 4317  
Delta R.T. -0.02 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 16.5  | 14.5  | 21.7  |
| 277     | 26.4  | 21.1  | 31.7  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

Instrument :

BNA\_G

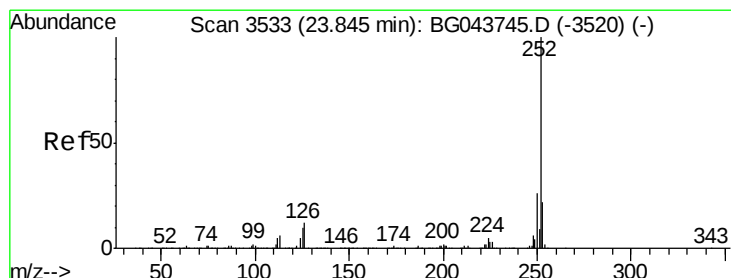
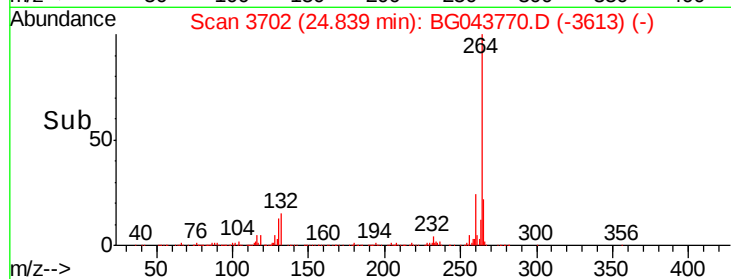
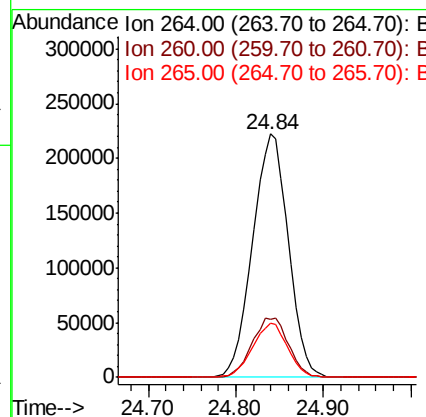
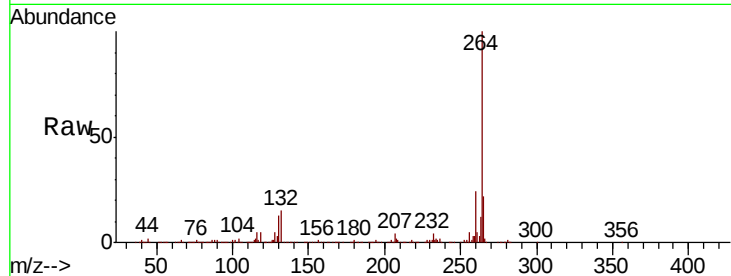
ClientSampleId :

PB125036BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 617991 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.8  | 19.4  | 29.2   |
| 265       | 22.2  | 17.0  | 25.6   |

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#88

Benzo(b)fluoranthene

Concen: 42.874 ng

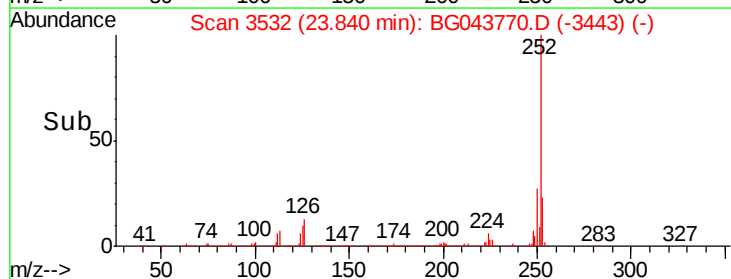
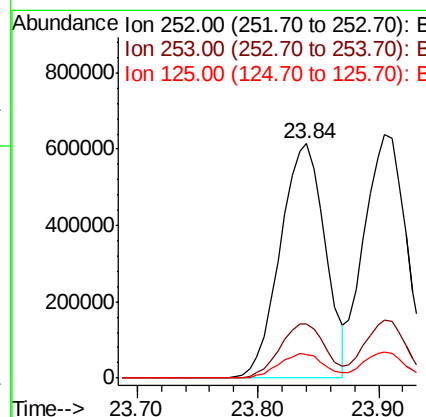
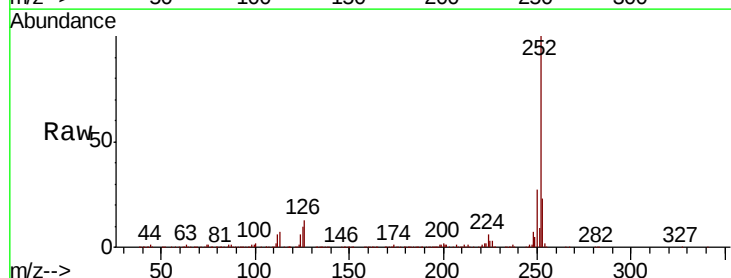
RT: 23.84 min Scan# 3532

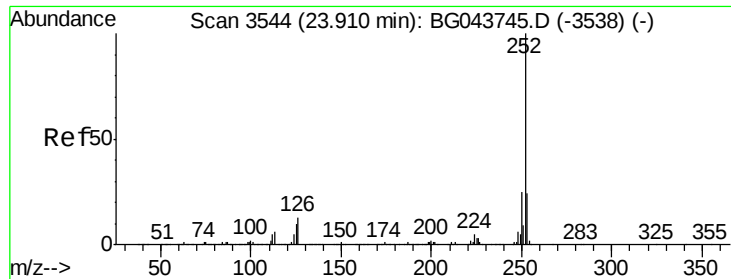
Delta R.T. -0.01 min

Lab File: BG043770.D

Acq: 25 Nov 2019 15:38

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1581967 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 23.3  | 17.7  | 26.5    |
| 125       | 10.1  | 8.0   | 12.0    |





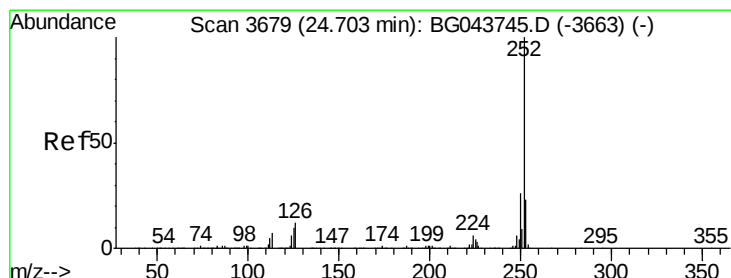
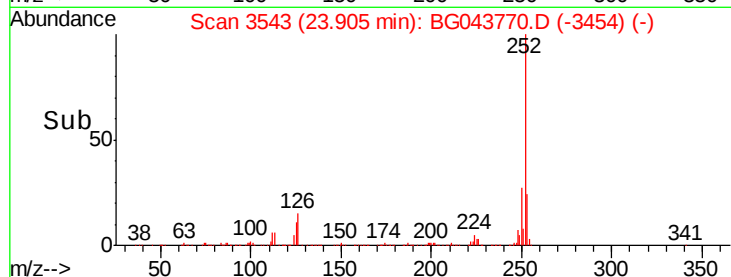
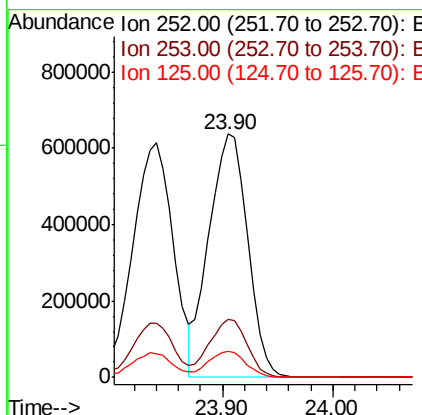
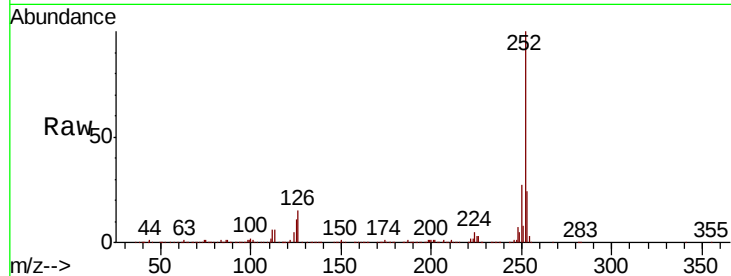
#89  
Benzo(k)fluoranthene  
Concen: 43.688 ng  
RT: 23.90 min Scan# 3543  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

Tot Ion:252 Resp: 1547070  
Ion Ratio Lower Upper  
252 100  
253 24.0 18.8 28.2  
125 10.6 7.7 11.5

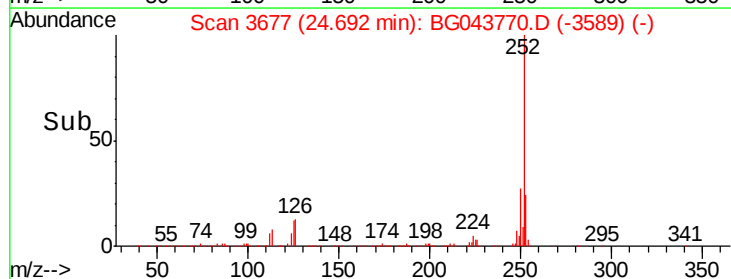
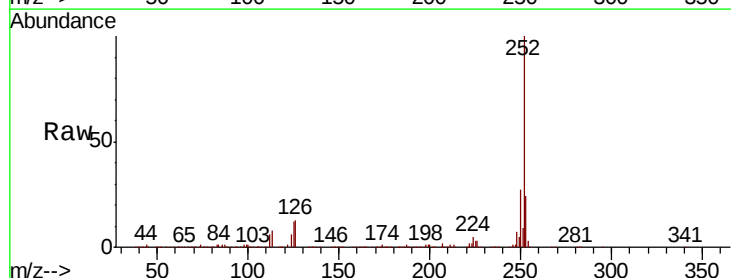
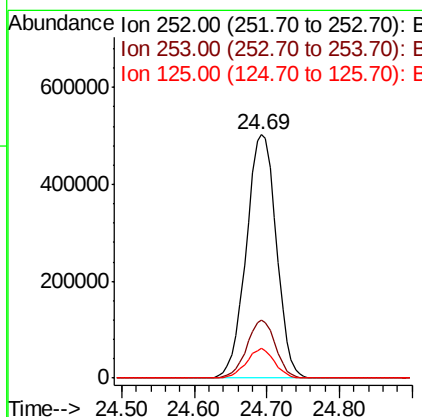
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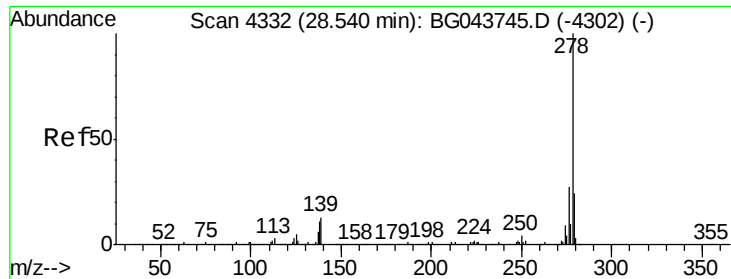
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#90  
Benzo(a)pyrene  
Concen: 41.629 ng  
RT: 24.69 min Scan# 3677  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Tgt Ion:252 Resp: 1444354  
Ion Ratio Lower Upper  
252 100  
253 23.7 18.2 27.4  
125 12.2 8.3 12.5





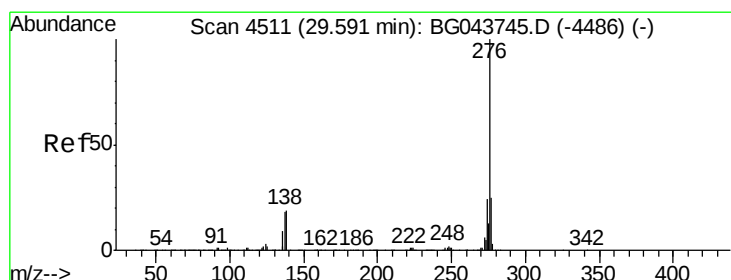
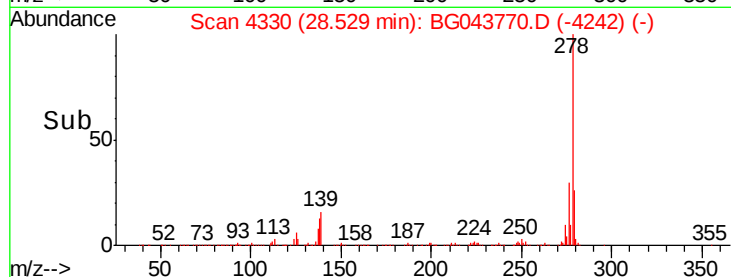
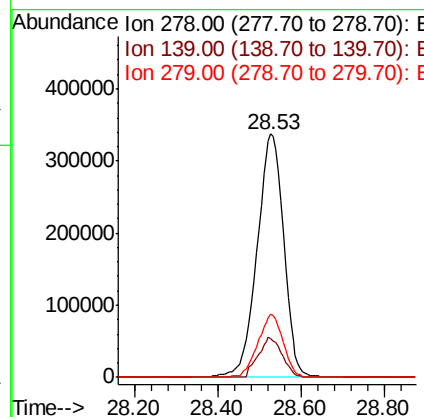
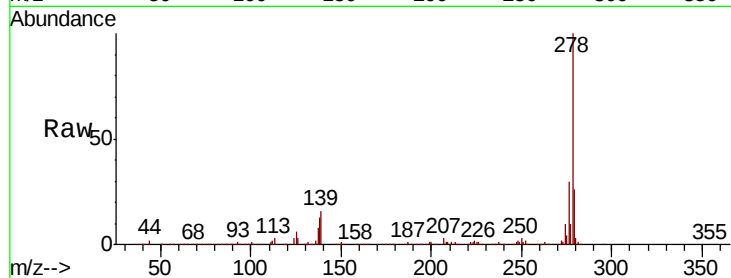
#91  
Dibenzo(a,h)anthracene  
Concen: 44.637 ng  
RT: 28.53 min Scan# 4330  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB125036BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.0  | 10.4  | 15.6# |
| 279     | 25.9  | 19.3  | 28.9  |

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#92  
Benzo(g,h,i)perylene  
Concen: 45.623 ng  
RT: 29.58 min Scan# 4509  
Delta R.T. -0.01 min  
Lab File: BG043770.D  
Acq: 25 Nov 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.7  | 19.7  | 29.5  |
| 138     | 20.8  | 14.9  | 22.3  |

