

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092817\  
 Data File : BG028961.D  
 Acq On : 28 Sep 2017 15:39  
 Operator : SJ/JU  
 Sample : PB102674BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

Manual Integrations  
 APPROVED

Sohil  
 9/29/2017 6:03:04 PM

Quant Time: Sep 29 05:36:46 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.28  | 152  | 33629    | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 11.10 | 136  | 140875   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 14.89 | 164  | 97566    | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 17.64 | 188  | 246255   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12          | 21.97 | 240  | 299176   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 25.42 | 264  | 298571   | 20.00 | ng    | -0.10    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.85  | 112 | 172705  | 84.74 | ng | -0.05 |
| 7) Phenol-d6             | 7.44  | 99  | 235890  | 76.87 | ng | -0.05 |
| 23) Nitrobenzene-d5      | 9.45  | 82  | 229810  | 78.04 | ng | -0.06 |
| 41) 2,4,6-Tribromophenol | 16.39 | 330 | 125017  | 77.47 | ng | -0.05 |
| 44) 2-Fluorobiphenyl     | 13.51 | 172 | 580956  | 79.40 | ng | -0.05 |
| 78) Terphenyl-d14        | 20.23 | 244 | 1070785 | 76.33 | ng | -0.05 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.77  | 88  | 28179  | 34.143 | ng | # 85   |
| 3) Pyridine                    | 4.17  | 79  | 85742  | 36.419 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 4.08  | 42  | 43886  | 40.978 | ng | 83     |
| 6) Aniline                     | 7.60  | 93  | 112579 | 31.524 | ng | 97     |
| 8) 2-Chlorophenol              | 7.84  | 128 | 97399  | 42.870 | ng | 91     |
| 9) Benzaldehyde                | 7.43  | 77  | 20554  | 10.796 | ng | 90     |
| 10) Phenol                     | 7.46  | 94  | 135290 | 41.776 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.68  | 93  | 91001  | 39.140 | ng | 86     |
| 12) 1,3-Dichlorobenzene        | 8.17  | 146 | 101185 | 41.360 | ng | 91     |
| 13) 1,4-Dichlorobenzene        | 8.31  | 146 | 100461 | 39.935 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.64  | 146 | 98766  | 39.740 | ng | 96     |
| 15) Benzyl Alcohol             | 8.52  | 79  | 94206  | 39.328 | ng | # 90   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.79  | 45  | 163325 | 38.651 | ng | 99     |
| 17) 2-Methylphenol             | 8.72  | 107 | 89859  | 42.463 | ng | 92     |
| 18) Hexachloroethane           | 9.36  | 117 | 36742  | 39.850 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 9.08  | 70  | 81096  | 37.281 | ng | 89     |
| 20) 3+4-Methylphenols          | 9.04  | 107 | 122237 | 41.297 | ng | 90     |
| 22) Acetophenone               | 9.10  | 105 | 151030 | 36.666 | ng | # 90   |
| 24) Nitrobenzene               | 9.49  | 77  | 126768 | 38.875 | ng | 91     |
| 25) Isophorone                 | 10.01 | 82  | 216104 | 36.267 | ng | 97     |
| 26) 2-Nitrophenol              | 10.21 | 139 | 55807  | 40.211 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.25 | 122 | 97637  | 38.487 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.48 | 93  | 124775 | 38.560 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.75 | 162 | 104208 | 41.285 | ng | 91     |
| 30) 1,2,4-Trichlorobenzene     | 10.96 | 180 | 110858 | 38.499 | ng | 100    |
| 31) Naphthalene                | 11.15 | 128 | 294129 | 39.976 | ng | 98     |
| 32) Benzoic acid               | 10.40 | 122 | 44269  | 27.542 | ng | 95     |
| 33) 4-Chloroaniline            | 11.26 | 127 | 46603  | 15.120 | ng | # 93   |
| 34) Hexachlorobutadiene        | 11.42 | 225 | 82501  | 38.899 | ng | 99     |
| 35) Caprolactam                | 12.04 | 113 | 34791m | 38.437 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.37 | 107 | 121417 | 36.962 | ng | 92     |
| 37) 2-Methylnaphthalene        | 12.73 | 142 | 227734 | 41.457 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.10 | 216 | 146602 | 36.544 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 13.07 | 237 | 147928 | 93.503 | ng | 96     |

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Sohil  
 9/29/2017 6:03:04 PM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.34 | 196  | 99381    | 39.032 | nq    | 91       |
| 43) 2,4,5-Trichlorophenol      | 13.42 | 196  | 105665   | 41.301 | nq    | 93       |
| 45) 1,1'-Biphenyl              | 13.72 | 154  | 305702   | 37.843 | nq    | 95       |
| 46) 2-Chloronaphthalene        | 13.78 | 162  | 240799   | 40.869 | nq    | 98       |
| 47) 2-Nitroaniline             | 13.98 | 65   | 91759    | 41.904 | nq    | 94       |
| 48) Acenaphthylene             | 14.62 | 152  | 374507   | 39.785 | nq    | 96       |
| 49) Dimethylphthalate          | 14.34 | 163  | 330264   | 40.367 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.47 | 165  | 72278    | 39.703 | nq    | # 81     |
| 51) Acenaphthene               | 14.96 | 154  | 229033   | 40.053 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.81 | 138  | 43120    | 26.785 | nq    | 98       |
| 53) 2,4-Dinitrophenol          | 15.02 | 184  | 63692    | 67.758 | nq    | 95       |
| 54) Dibenzofuran               | 15.29 | 168  | 397553   | 43.596 | nq    | 94       |
| 55) 4-Nitrophenol              | 15.12 | 139  | 88357    | 74.912 | nq    | # 75     |
| 56) 2,4-Dinitrotoluene         | 15.26 | 165  | 105151   | 41.079 | nq    | # 88     |
| 57) Fluorene                   | 15.94 | 166  | 334293   | 41.063 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.52 | 232  | 104145   | 46.187 | nq    | 93       |
| 59) Diethylphthalate           | 15.69 | 149  | 338745   | 40.290 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.92 | 204  | 188846   | 40.737 | nq    | 90       |
| 61) 4-Nitroaniline             | 15.97 | 138  | 71911    | 42.164 | nq    | # 79     |
| 62) Azobenzene                 | 16.22 | 77   | 314517   | 44.479 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 16.03 | 198  | 63010    | 39.654 | nq    | 95       |
| 65) n-Nitrosodiphenylamine     | 16.14 | 169  | 285770   | 40.481 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.82 | 248  | 131159   | 41.393 | nq    | 98       |
| 67) Hexachlorobenzene          | 16.96 | 284  | 136237   | 37.777 | nq    | # 86     |
| 68) Atrazine                   | 17.08 | 200  | 119880   | 39.551 | nq    | 95       |
| 69) Pentachlorophenol          | 17.30 | 266  | 124850   | 76.622 | nq    | 99       |
| 70) Phenanthrene               | 17.69 | 178  | 533932   | 42.399 | nq    | 96       |
| 71) Anthracene                 | 17.78 | 178  | 548050   | 43.082 | nq    | 95       |
| 72) Carbazole                  | 18.05 | 167  | 483957   | 42.241 | nq    | 96       |
| 73) Di-n-butylphthalate        | 18.58 | 149  | 566379   | 40.317 | nq    | # 93     |
| 74) Fluoranthene               | 19.69 | 202  | 682656   | 44.397 | nq    | 93       |
| 76) Benzidine                  | 19.86 | 184  | 352179   | 45.394 | nq    | 100      |
| 77) Pyrene                     | 20.05 | 202  | 705498   | 40.883 | nq    | 96       |
| 79) Butylbenzylphthalate       | 20.92 | 149  | 272091   | 39.041 | nq    | 94       |
| 80) Benzo(a)anthracene         | 21.94 | 228  | 746026   | 41.427 | nq    | 95       |
| 81) 3,3'-Dichlorobenzidine     | 21.85 | 252  | 183877   | 25.184 | nq    | # 99     |
| 82) Chrysene                   | 22.02 | 228  | 692207   | 40.511 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.80 | 149  | 386258   | 38.984 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 23.08 | 149  | 665193   | 38.426 | nq    | # 88     |
| 85) Indeno(1,2,3-cd)pyrene     | 29.40 | 276  | 874410   | 39.829 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 24.32 | 252  | 745379   | 41.669 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 24.39 | 252  | 739932   | 41.411 | nq    | 96       |
| 89) Benzo(a)pyrene             | 25.26 | 252  | 729772   | 42.980 | nq    | # 98     |
| 90) Dibenzo(a,h)anthracene     | 29.45 | 278  | 726633   | 41.048 | nq    | 100      |
| 91) Benzo(g,h,i)perylene       | 30.63 | 276  | 719802   | 41.674 | nq    | 97       |

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

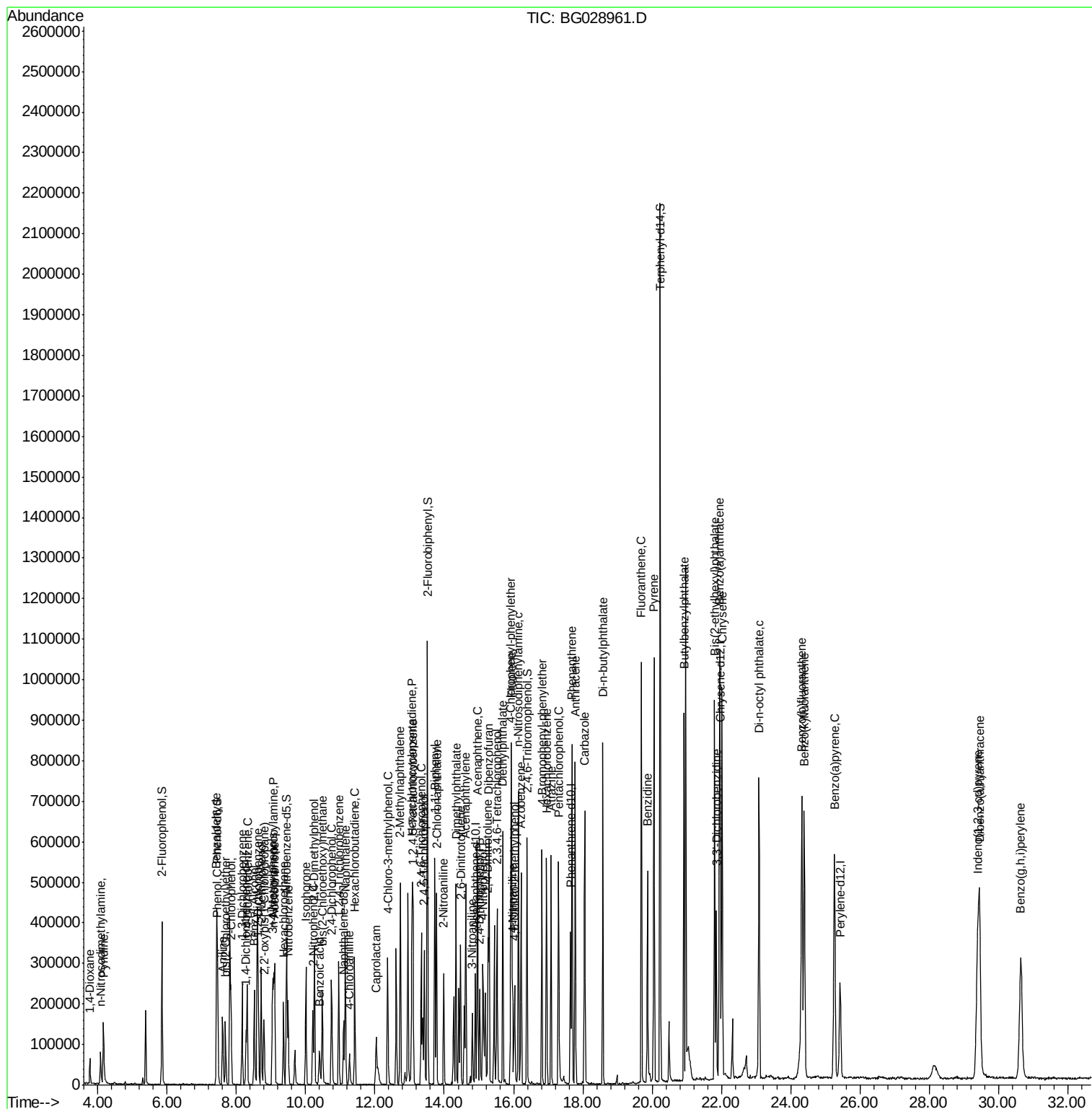
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG092817\  
Data File : BG028961.D  
Acq On    : 28 Sep 2017  15:39  
Operator  : SJ/JU  
Sample    : PB102674BS  
Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
```

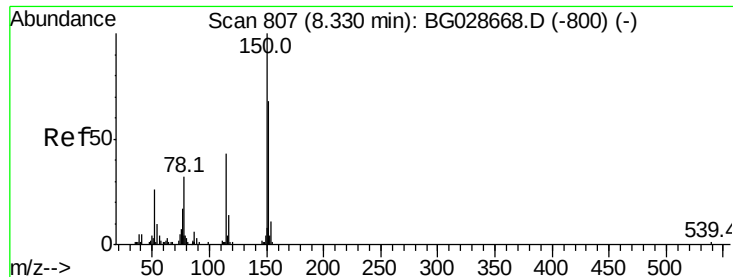
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
PB102674BS

## Manual Integrations APPROVED

Sohil  
9/29/2017 6:03:04 PM

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QLast Update : Tue Sep 12 16:57:11 2017  
Response via : Initial Calibration





#1

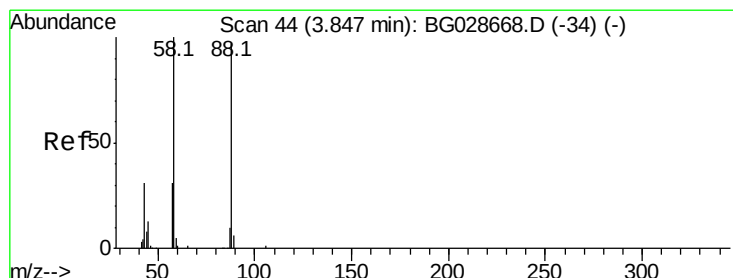
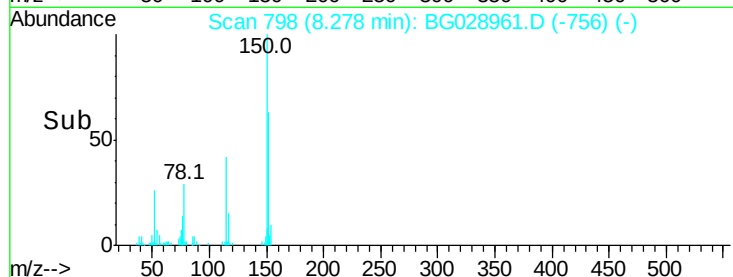
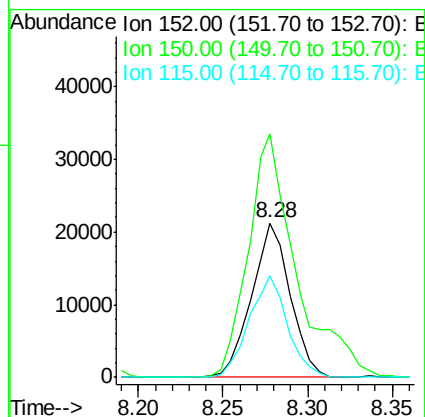
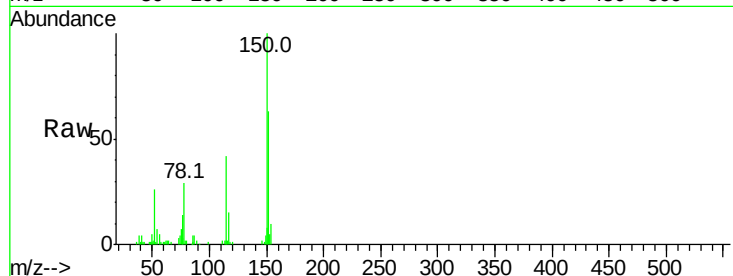
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.28 min Scan# 798  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.1 | 114.0 | 171.0 |
| 115     | 65.7  | 48.1  | 72.1  |

Manual Integrations  
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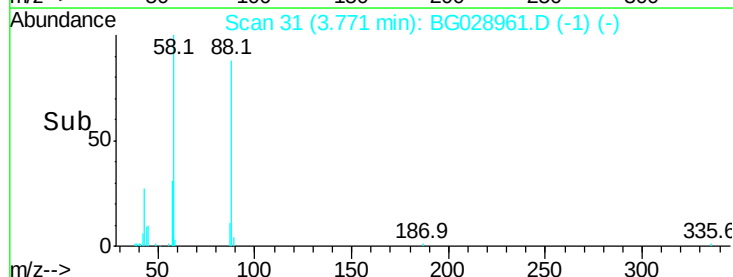
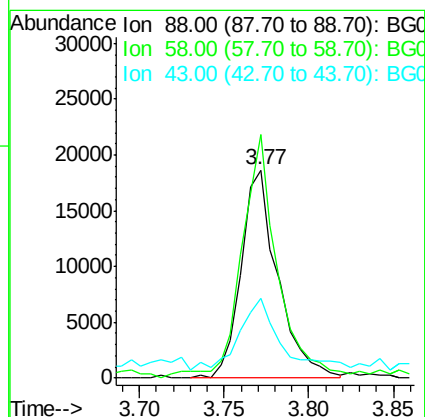
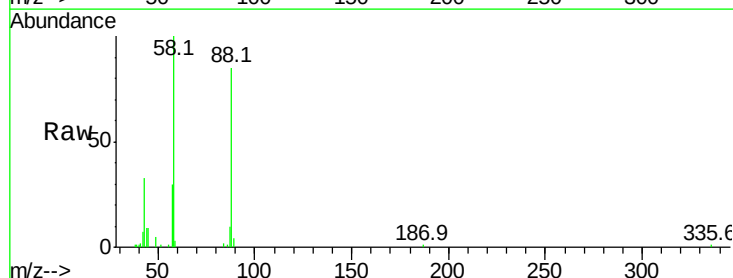
Sohil  
9/29/2017 6:03:04 PM

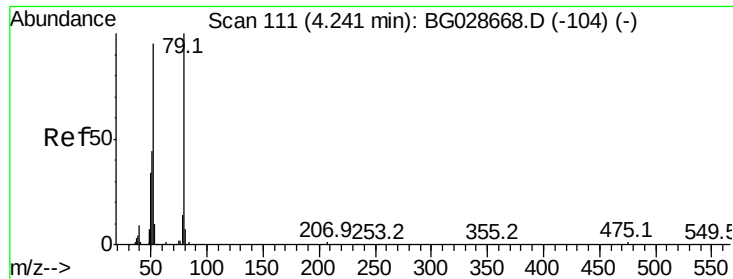


#2

1,4-Dioxane  
Concen: 34.143 ng  
RT: 3.77 min Scan# 31  
Delta R.T. -0.08 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 114.8 | 79.4  | 119.2 |
| 43      | 33.4  | 33.8  | 50.6# |





#3

Pvridine

Concen: 36.419 ng

RT: 4.17 min Scan# 98

Delta R.T. -0.08 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

ClientSampleId :

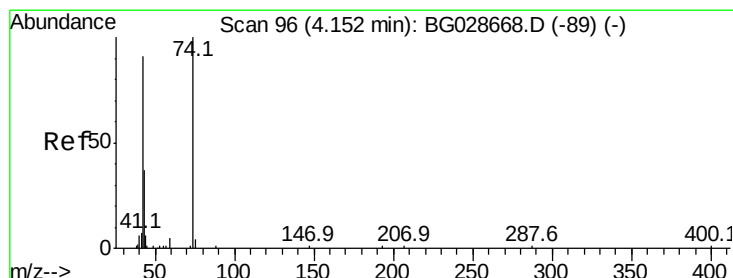
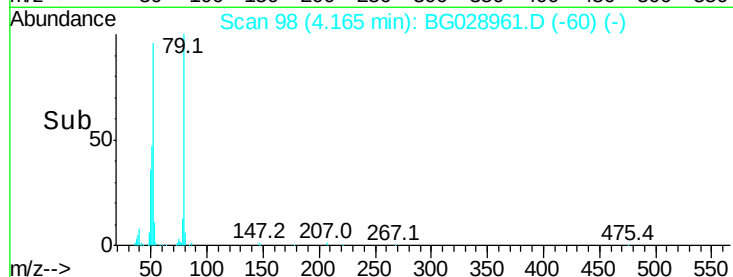
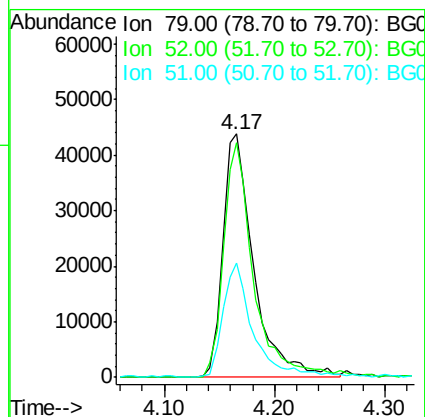
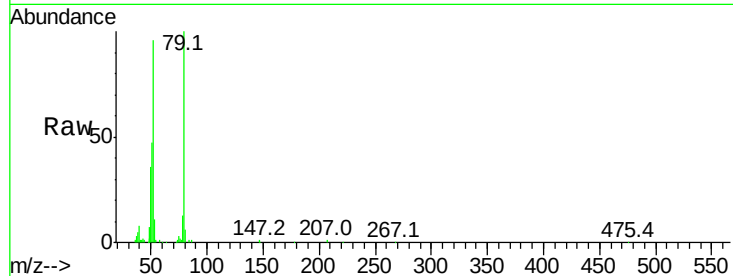
PB102674BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 85742 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 96.4  | 77.8  | 116.6 |
| 51        | 46.7  | 43.2  | 64.8  |

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#4

n-Nitrosodimethylamine

Concen: 40.978 ng

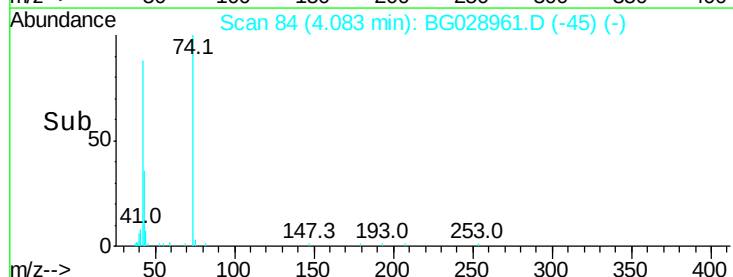
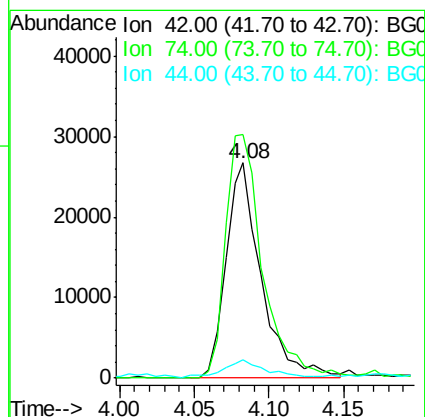
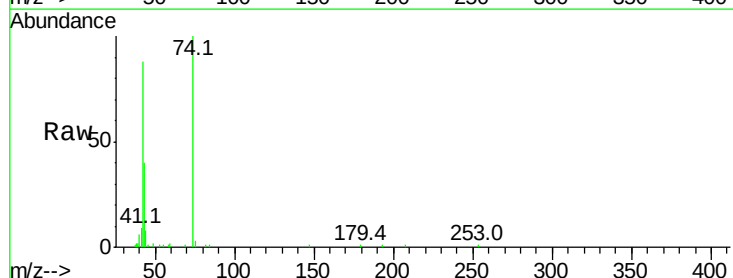
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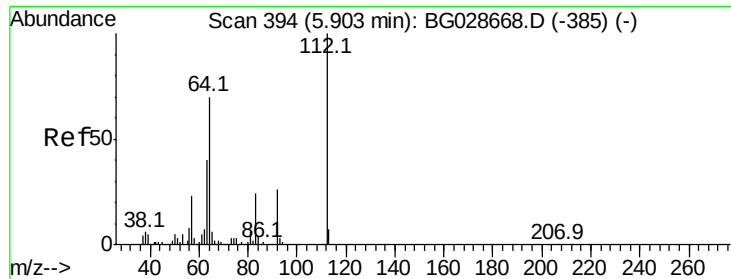
Delta R.T. -0.07 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 43886 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 113.2 | 76.7  | 115.1 |
| 44        | 8.8   | 6.1   | 9.1   |





#5

2-Fluorophenol

Concen: 84.740 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

ClientSampled :

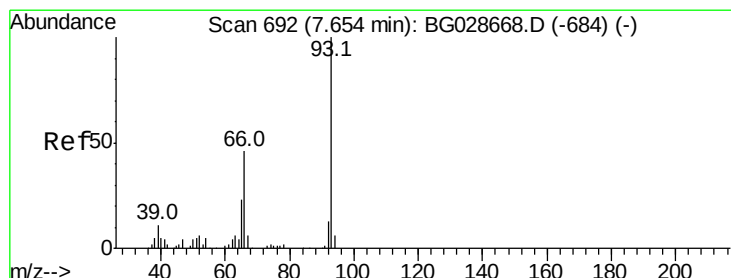
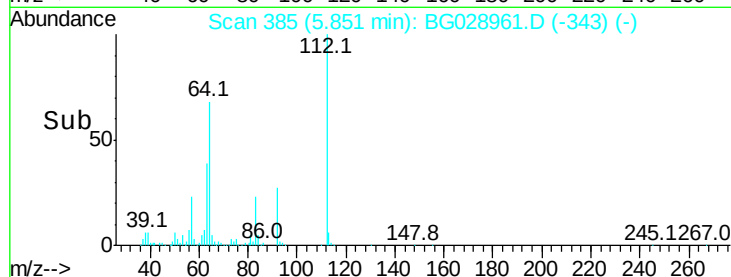
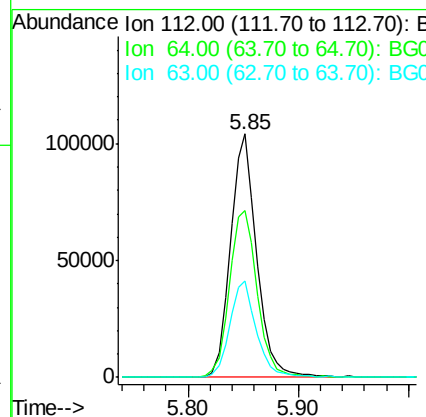
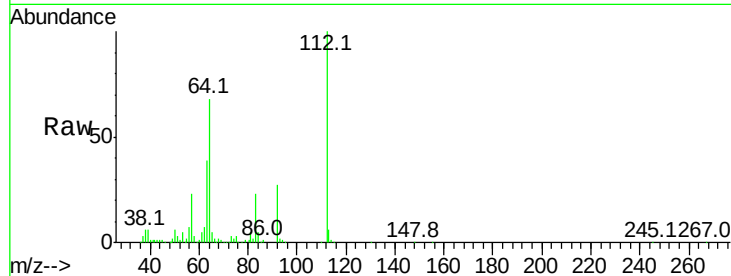
PB102674BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 172705 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 68.5  | 61.8  | 92.6   |
| 63        | 39.5  | 37.2  | 55.8   |

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#6

Aniline

Concen: 31.524 ng

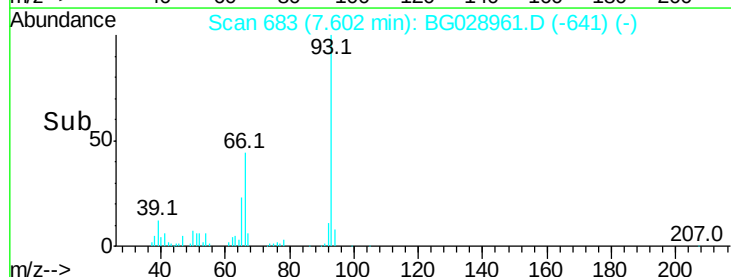
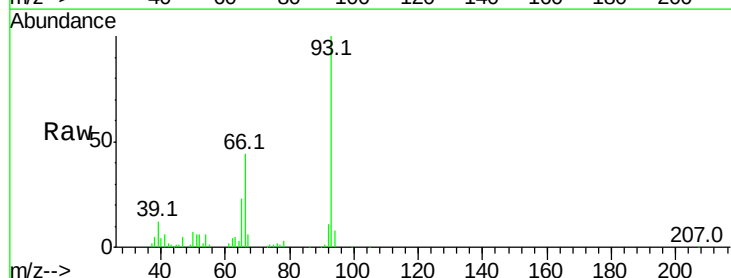
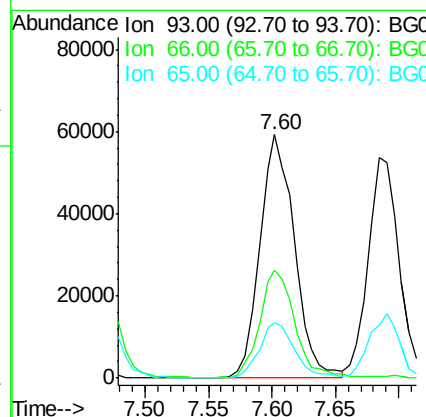
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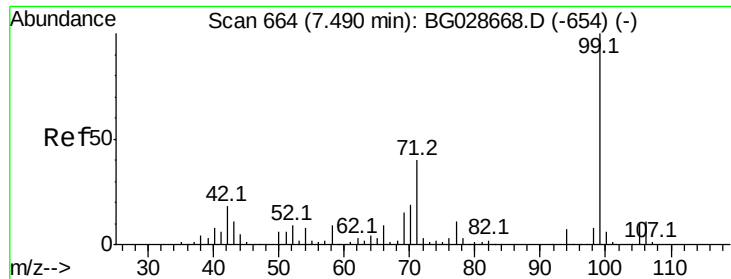
Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 112579 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 44.3  | 35.4  | 53.2   |
| 65        | 23.0  | 21.2  | 31.8   |





#7

Phenol-d6

Concen: 76.874 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

ClientSampleId :

PB102674BS

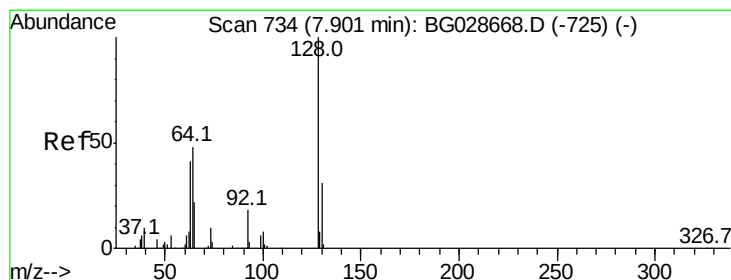
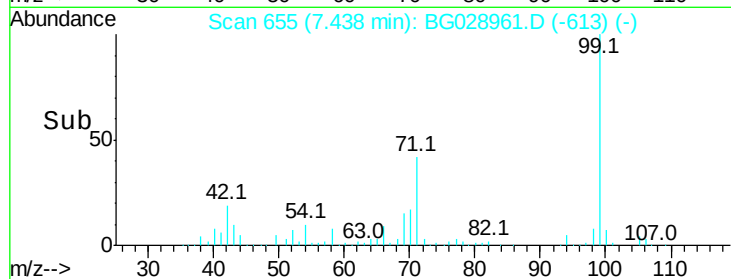
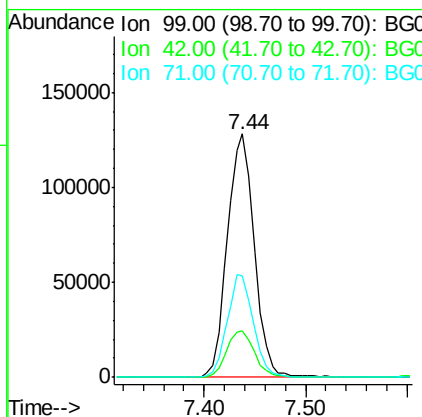
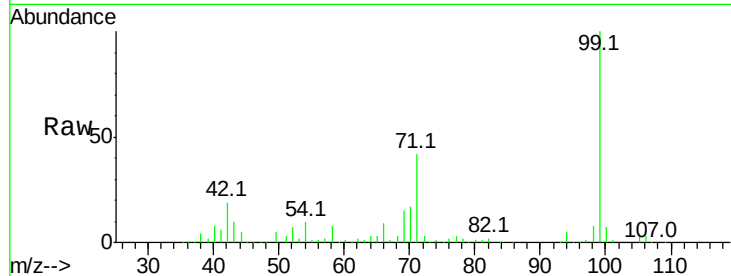
Tot Ion: 99 Resp: 235890

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.2  | 20.5  | 30.7# |
| 71  | 41.8  | 37.6  | 56.4  |

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#8

2-Chlorophenol

Concen: 42.870 ng

RT: 7.84 min Scan# 724

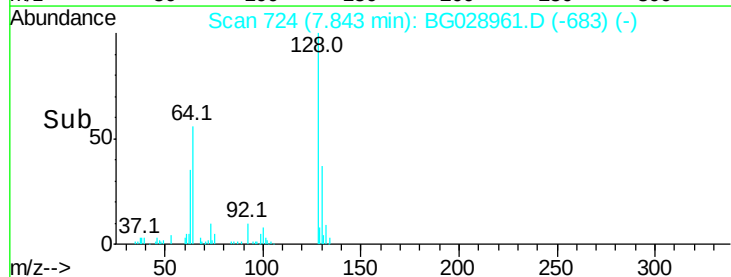
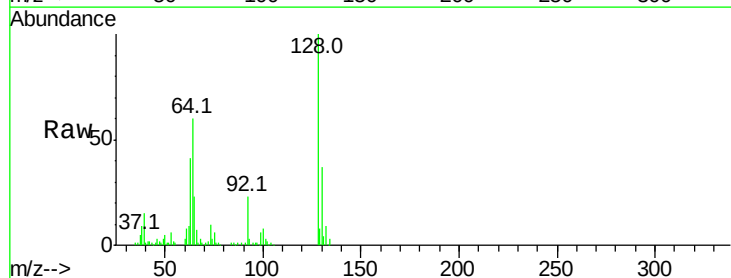
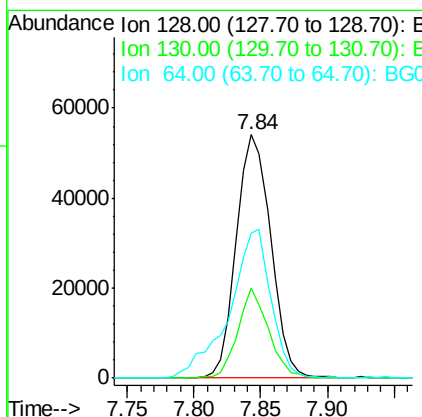
Delta R.T. -0.06 min

Lab File: BG028961.D

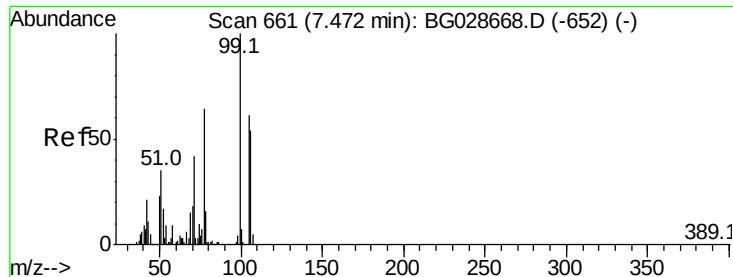
Acq: 28 Sep 2017 15:39

Tgt Ion: 128 Resp: 97399

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 36.9  | 11.4  | 51.4  |
| 64  | 59.8  | 46.6  | 86.6  |







#9

Benzaldehyde

Concen: 10.796 ng

RT: 7.43 min Scan# 653

Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

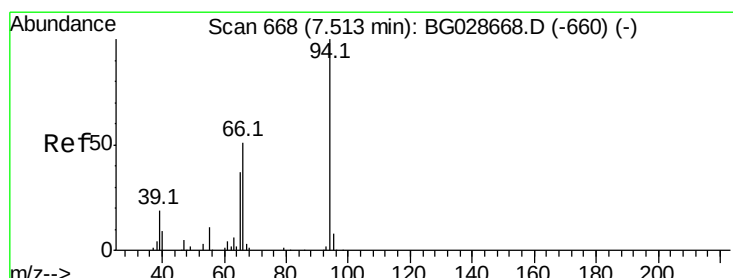
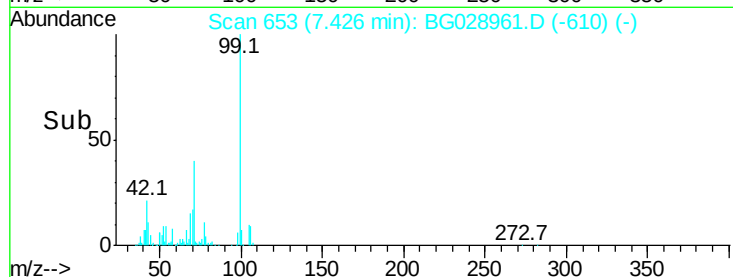
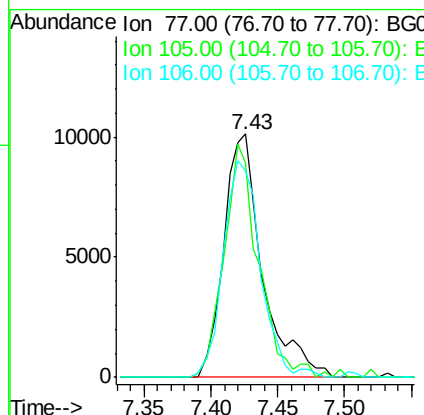
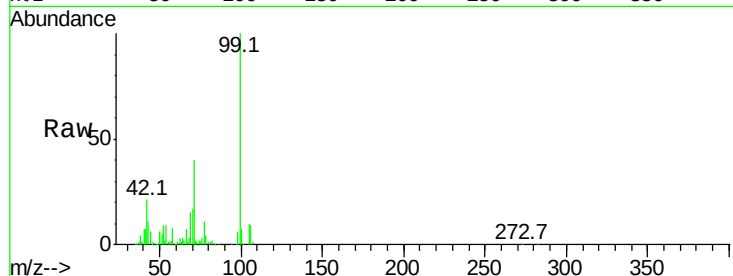
ClientSampleID :

PB102674BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 20554 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 88.0  | 60.9  | 100.9 |
| 106      | 84.7  | 55.1  | 95.1  |

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#10

Phenol

Concen: 41.776 ng

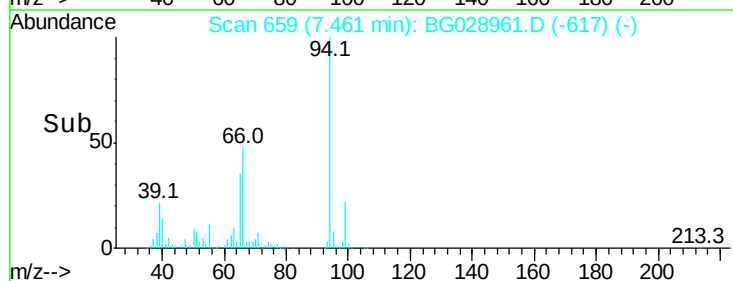
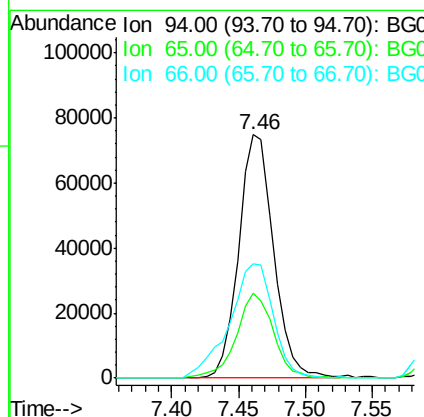
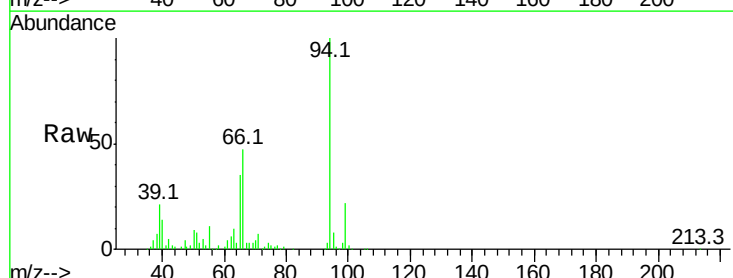
RT: 7.46 min Scan# 659

Delta R.T. -0.05 min

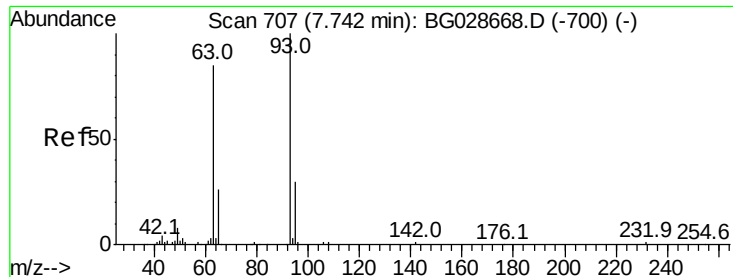
Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 135290 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 35.1  | 20.6  | 60.6   |
| 66       | 47.1  | 35.5  | 75.5   |







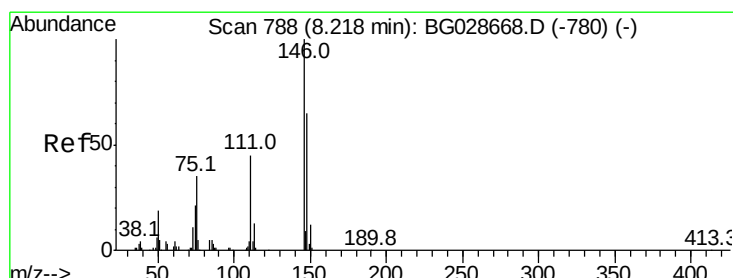
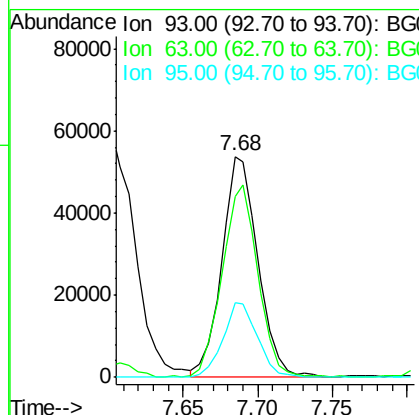
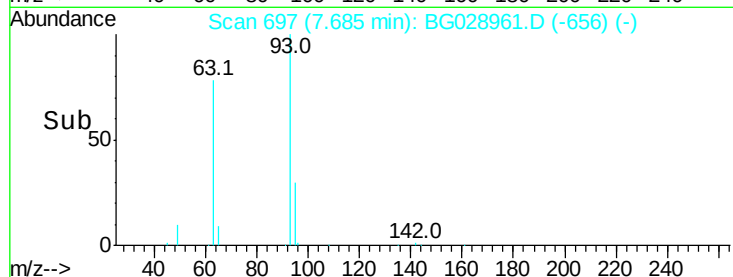
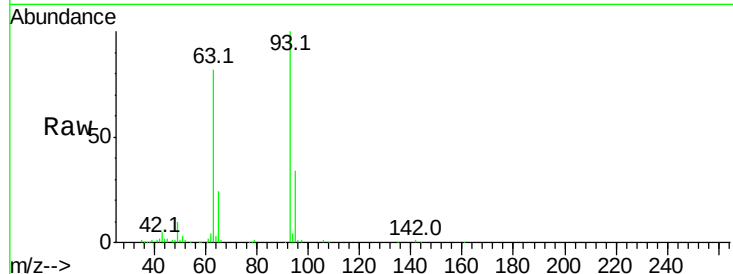
#11  
bis(2-Chloroethyl)ether  
Concen: 39.140 ng  
RT: 7.68 min Scan# 697  
Delta R.T. -0.06 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 93    | Resp: | 91001 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 82.1  | 78.5  | 118.5 |
| 95       | 33.6  | 9.8   | 49.8  |

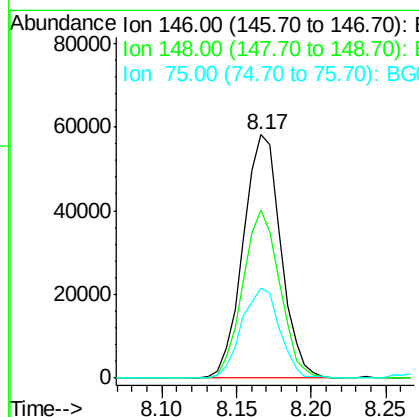
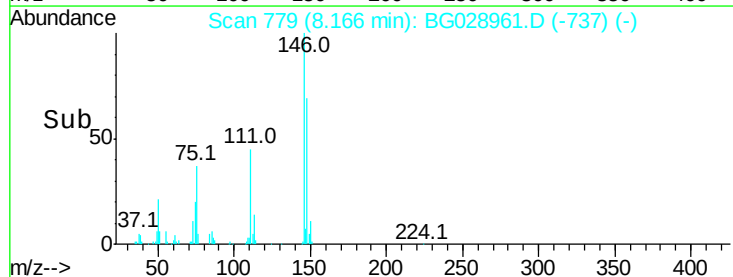
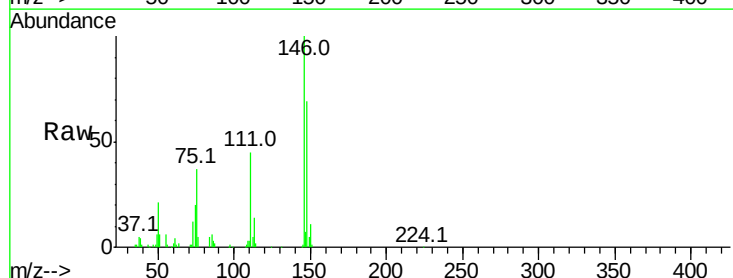
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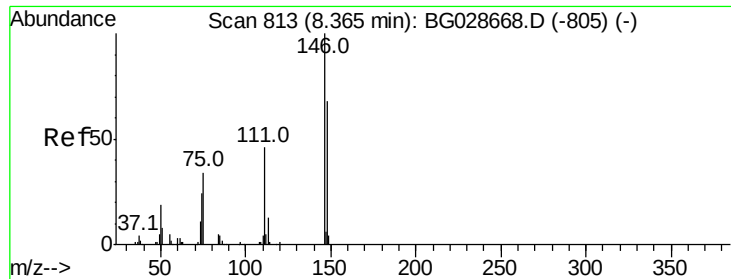
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#12  
1,3-Dichlorobenzene  
Concen: 41.360 ng  
RT: 8.17 min Scan# 779  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 101185 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 68.8  | 49.2  | 73.8   |
| 75       | 37.0  | 33.4  | 50.2   |





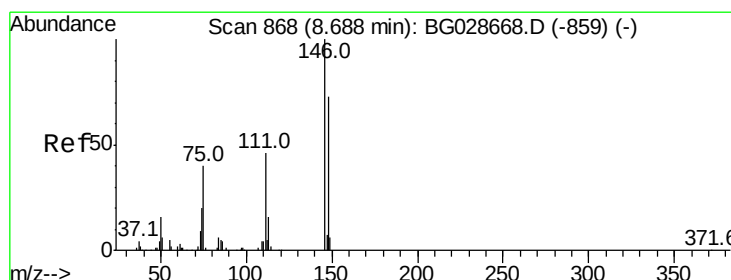
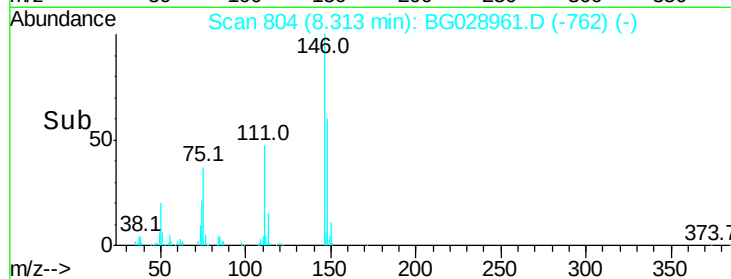
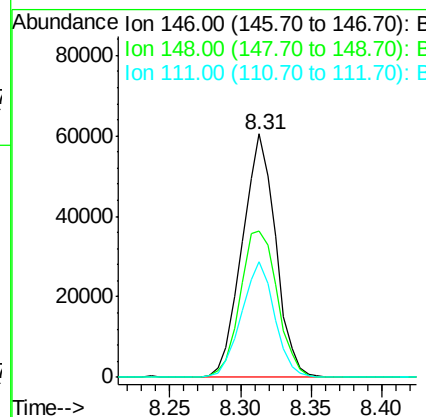
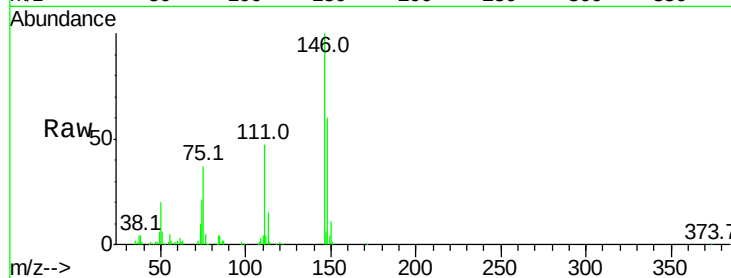
#13  
 1,4-Dichlorobenzene  
 Concen: 39.935 ng  
 RT: 8.31 min Scan# 804  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 148     | 60.2  | 52.2 | 78.2  |       |
| 111     | 47.3  | 37.0 | 55.6  |       |

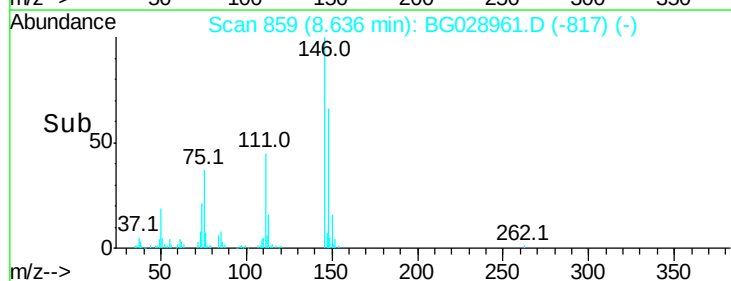
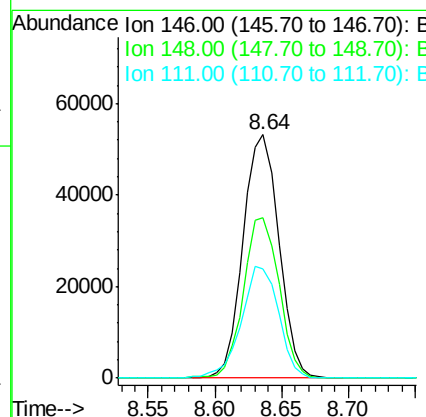
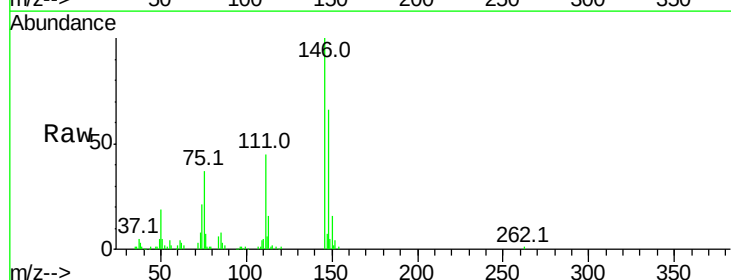
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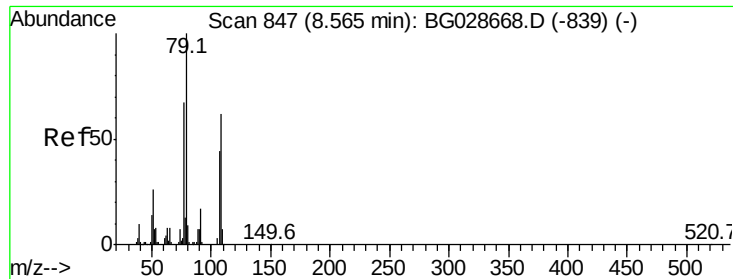
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#14  
 1,2-Dichlorobenzene  
 Concen: 39.740 ng  
 RT: 8.64 min Scan# 859  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 148     | 66.1  | 54.6 | 81.8  |       |
| 111     | 44.9  | 39.7 | 59.5  |       |





#15

Benzyl Alcohol

Concen: 39.328 ng

RT: 8.52 min Scan# 839

Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

ClientSampleId :

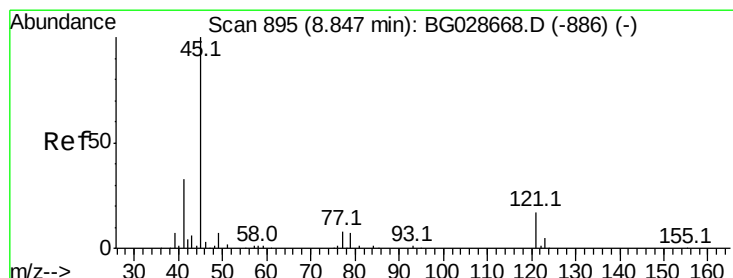
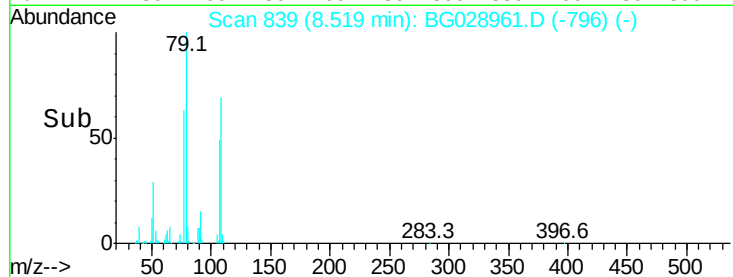
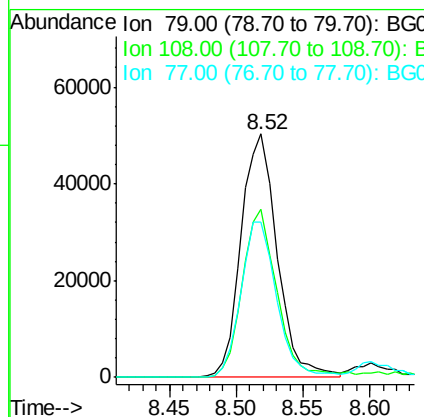
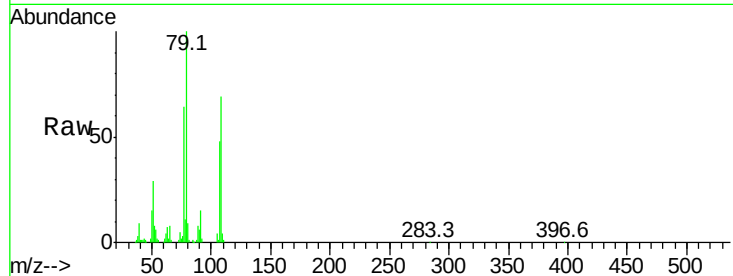
PB102674BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 69.1  | 45.5  | 68.3# |
| 77      | 64.0  | 54.3  | 81.5  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.651 ng

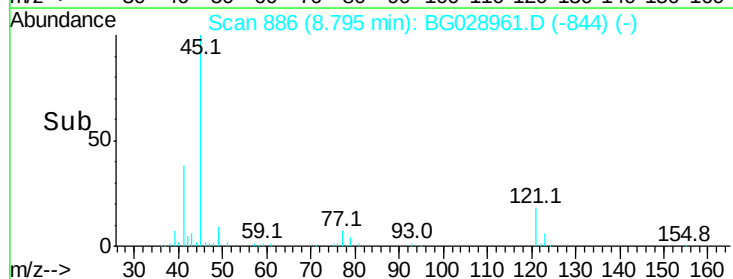
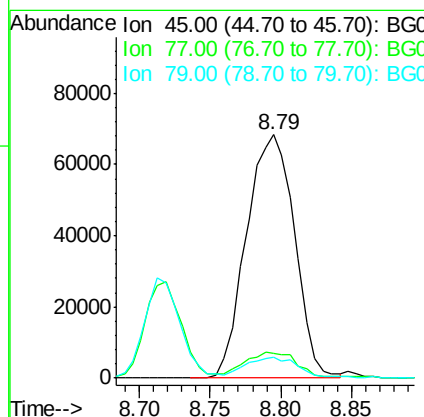
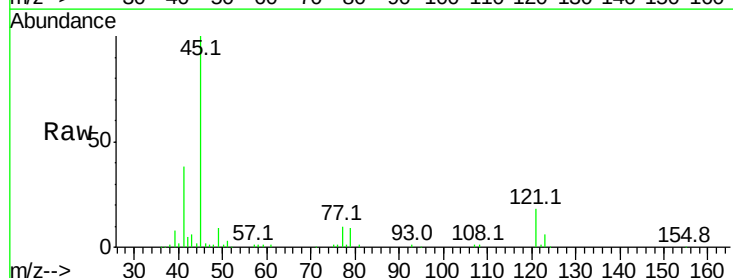
RT: 8.79 min Scan# 886

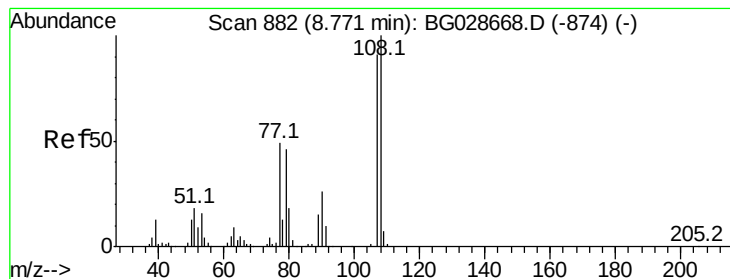
Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 10.3  | 0.0   | 30.6  |
| 79      | 8.6   | 0.0   | 28.5  |





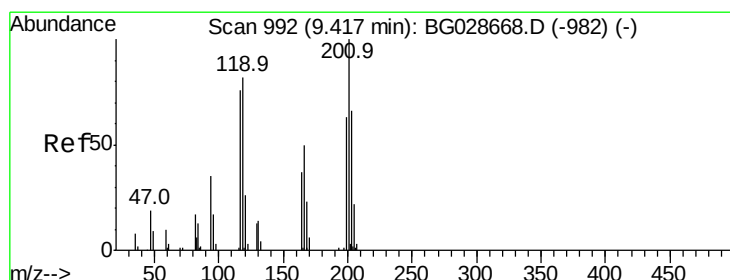
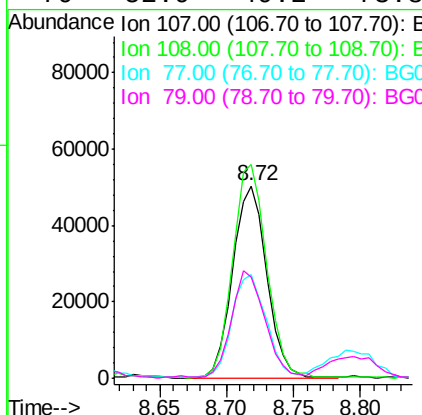
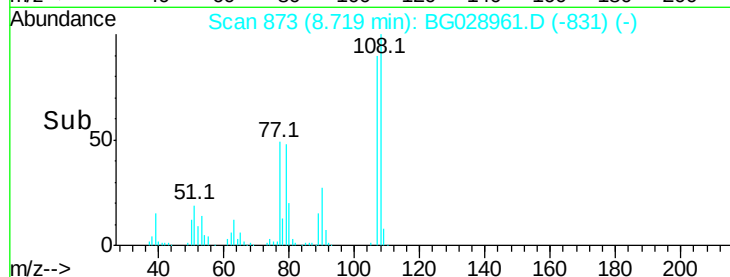
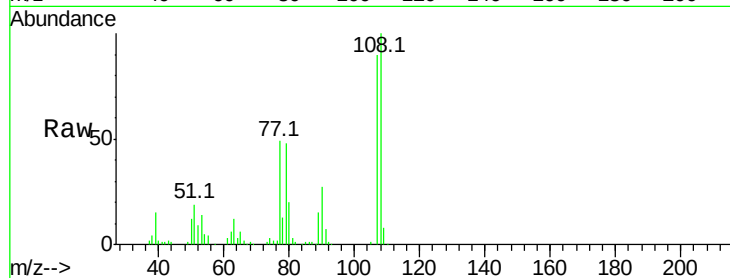
#17  
2-Methylphenol  
Concen: 42.463 ng  
RT: 8.72 min Scan# 873  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.2 | 85.6 | 128.4 |       |
| 77      | 54.0  | 51.4 | 77.2  |       |
| 79      | 52.9  | 49.2 | 73.8  |       |

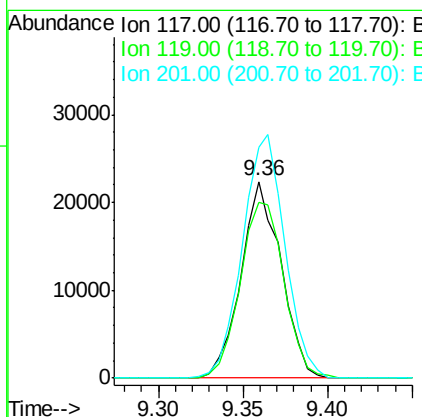
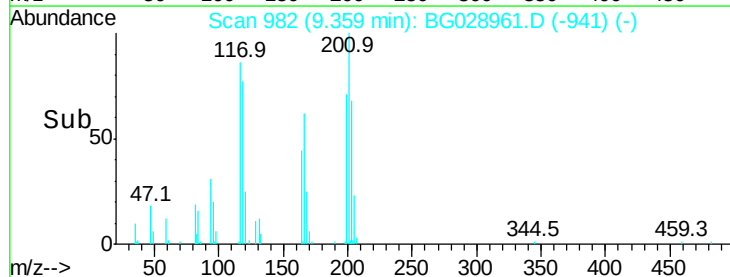
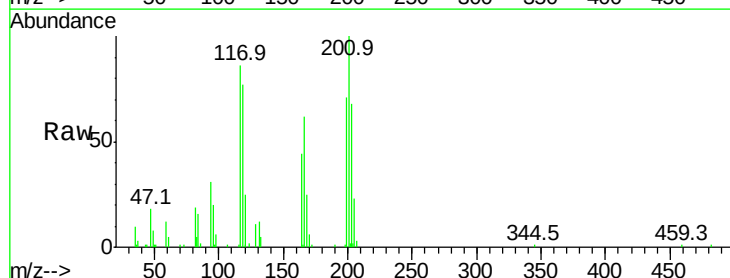
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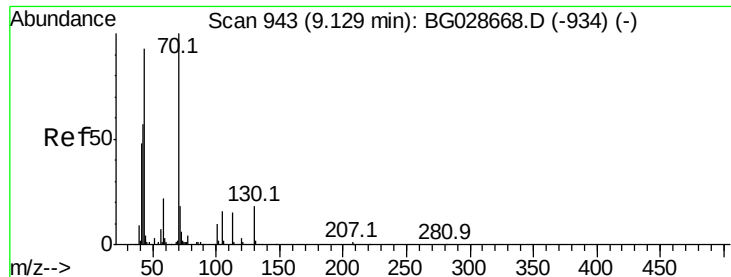
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#18  
Hexachloroethane  
Concen: 39.850 ng  
RT: 9.36 min Scan# 982  
Delta R.T. -0.06 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 89.3  | 69.8 | 104.6 |       |
| 201     | 117.6 | 95.4 | 143.0 |       |





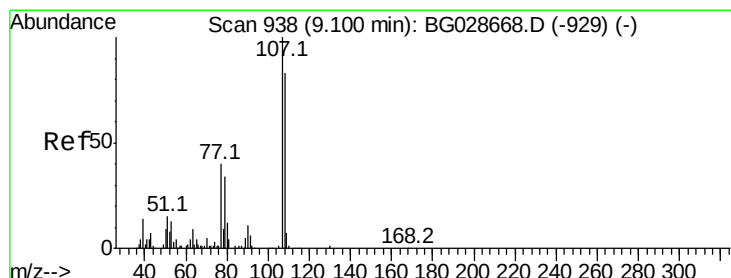
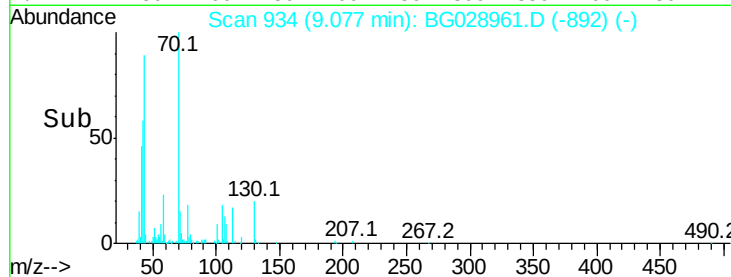
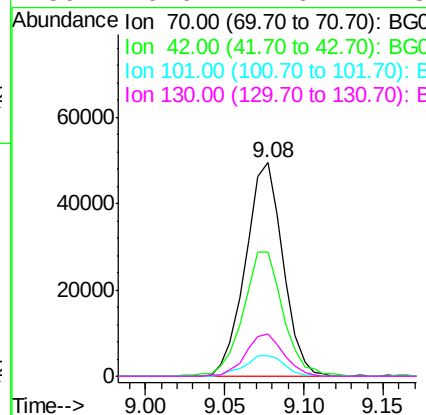
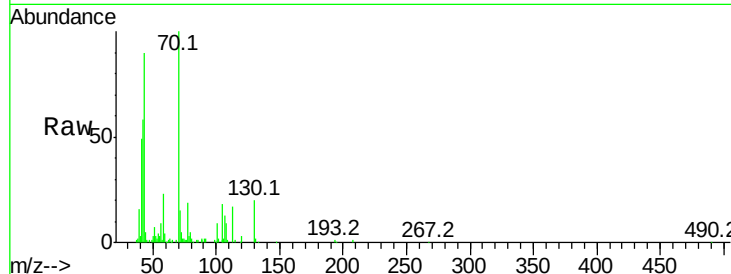
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.281 ng  
RT: 9.08 min Scan# 934  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 70    | Resp: | 81096 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 58.4  | 56.1  | 84.1  |
| 101       | 9.4   | 7.5   | 11.3  |
| 130       | 19.6  | 14.6  | 21.8  |

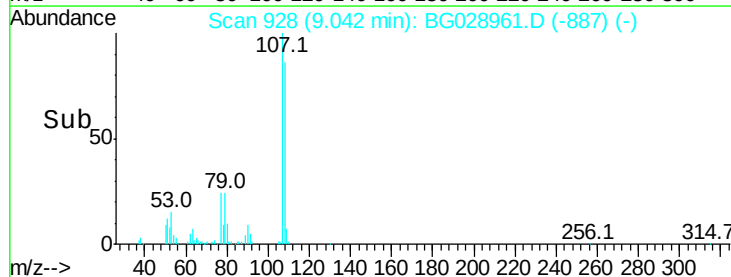
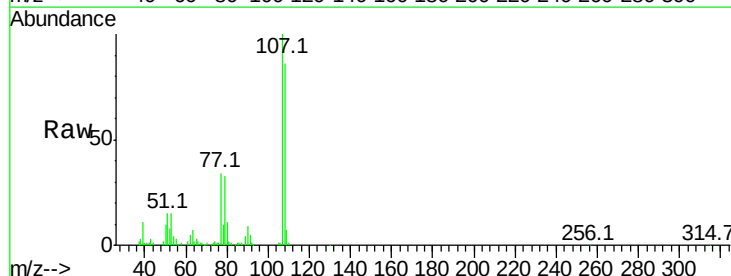
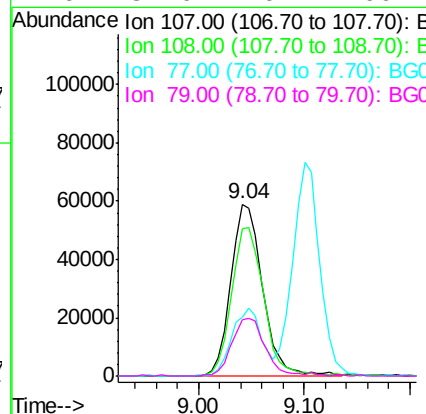
Manual Integrations  
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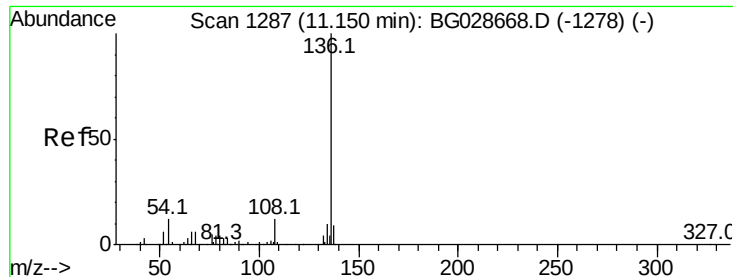
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#20  
3+4-Methylphenols  
Concen: 41.297 ng  
RT: 9.04 min Scan# 928  
Delta R.T. -0.06 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 122237 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 85.8  | 70.8  | 110.8  |
| 77        | 34.4  | 25.8  | 65.8   |
| 79        | 32.6  | 20.1  | 60.1   |





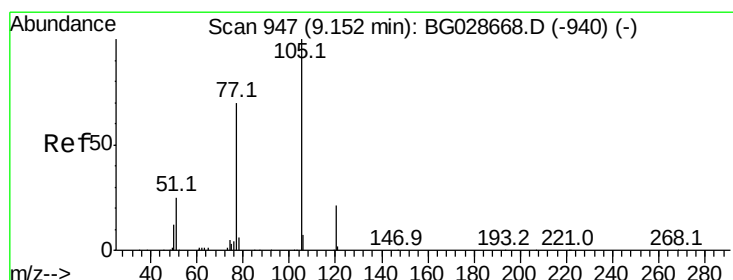
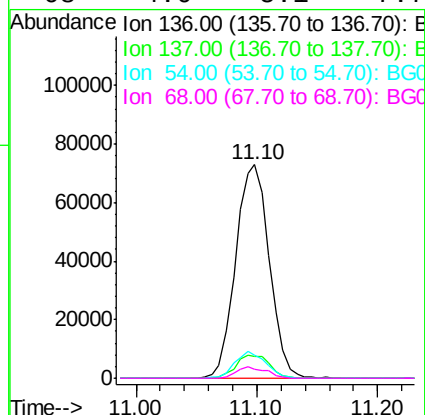
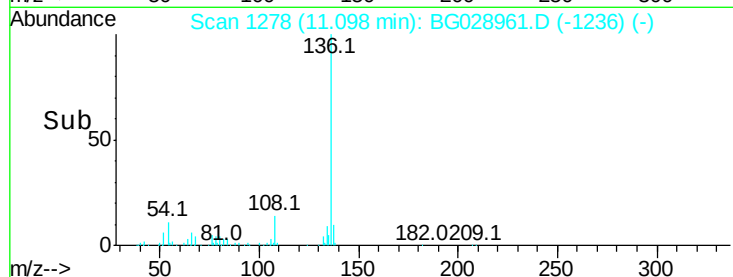
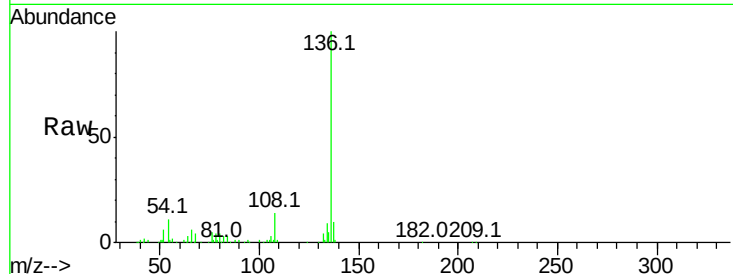
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.10 min Scan# 1278  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampled :  
PB102674BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.2  | 8.9  | 13.3  |       |
| 54      | 10.9  | 9.3  | 13.9  |       |
| 68      | 4.0   | 5.1  | 7.7#  |       |

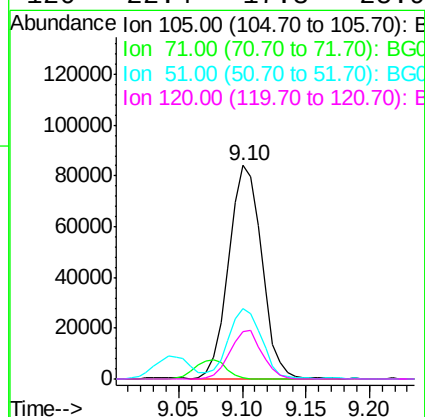
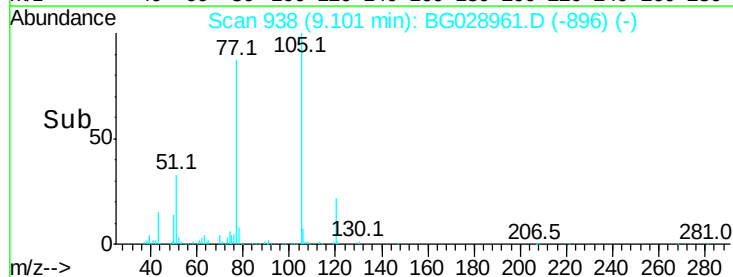
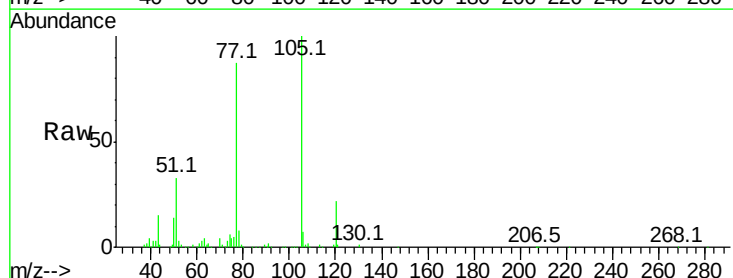
Manual Integrations  
APPROVED

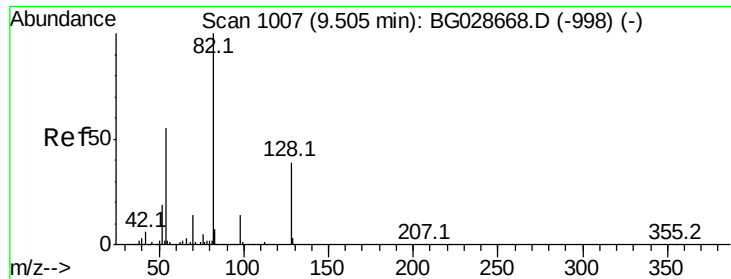
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9/29/2017 6:03:04 PM



#22  
Acetophenone  
Concen: 36.666 ng  
RT: 9.10 min Scan# 938  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.7   | 0.9  | 1.3#  |       |
| 51      | 33.2  | 34.0 | 51.0# |       |
| 120     | 22.4  | 17.3 | 25.9  |       |





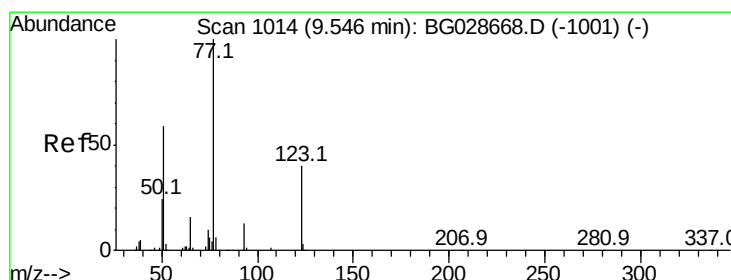
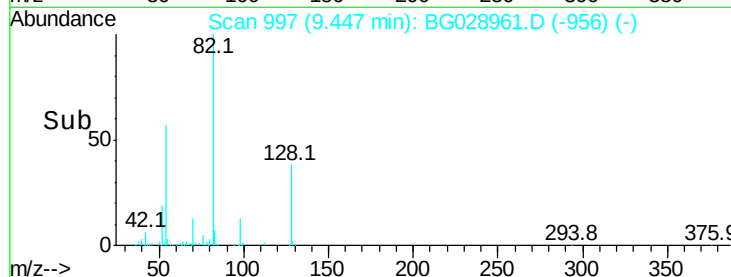
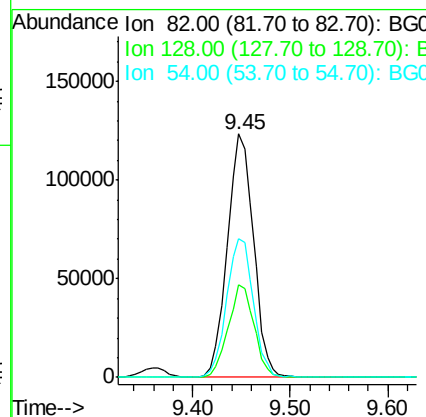
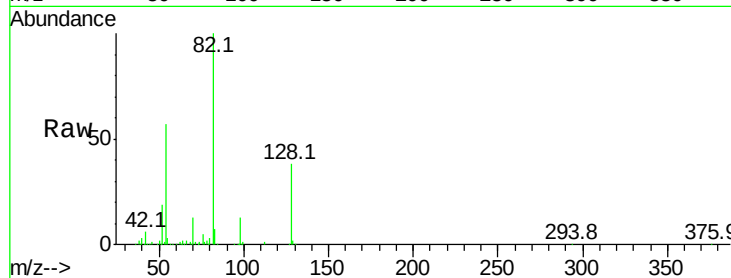
#23  
 Nitrobenzene-d5  
 Concen: 78.037 ng  
 RT: 9.45 min Scan# 997  
 Delta R.T. -0.06 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 38.2  | 26.4 | 39.6  |       |
| 54      | 57.0  | 49.4 | 74.2  |       |

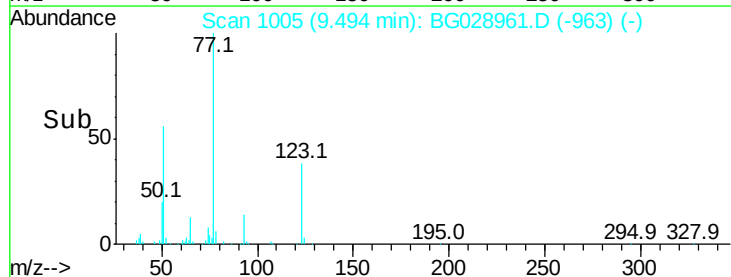
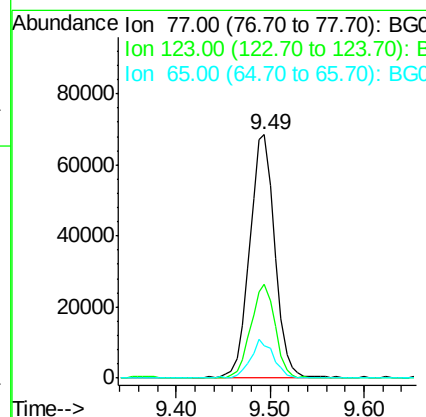
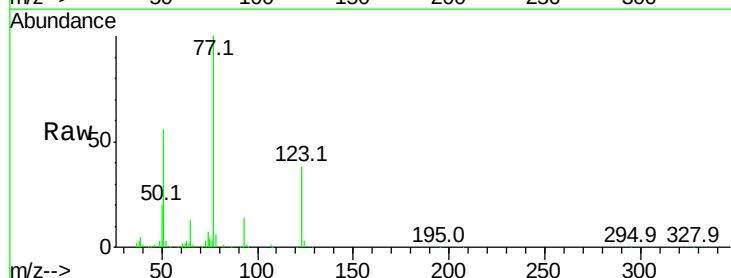
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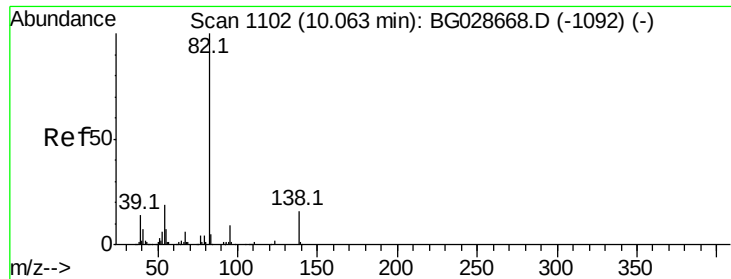


#24  
 Nitrobenzene  
 Concen: 38.875 ng  
 RT: 9.49 min Scan# 1005  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 38.3  | 26.1 | 39.1  |       |
| 65      | 13.3  | 12.4 | 18.6  |       |







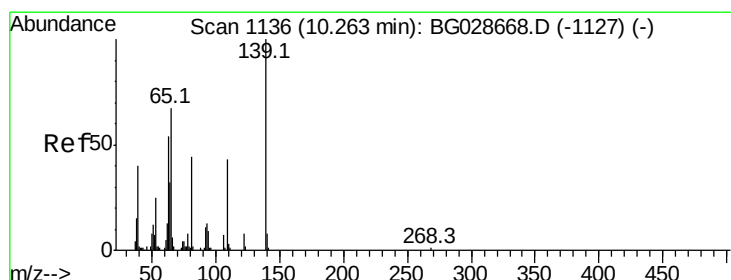
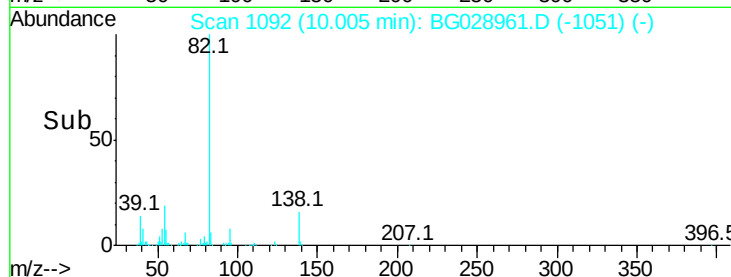
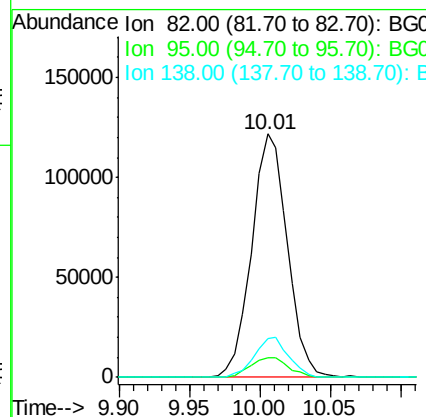
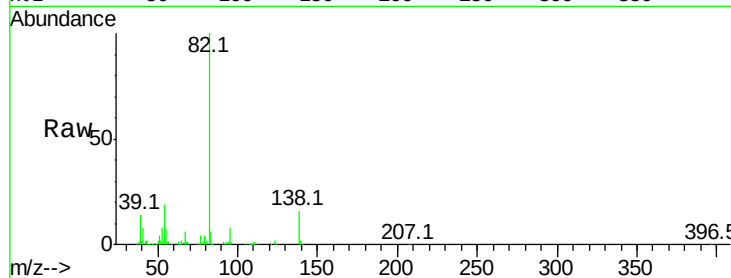
#25  
Isophorone  
Concen: 36.267 ng  
RT: 10.01 min Scan# 1092  
Delta R.T. -0.06 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 216104 |       |       |
| 95      | 7.9   |        | 7.5   | 11.3  |
| 138     | 16.2  |        | 12.3  | 18.5  |

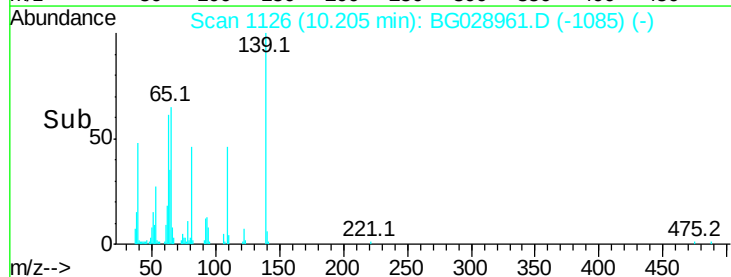
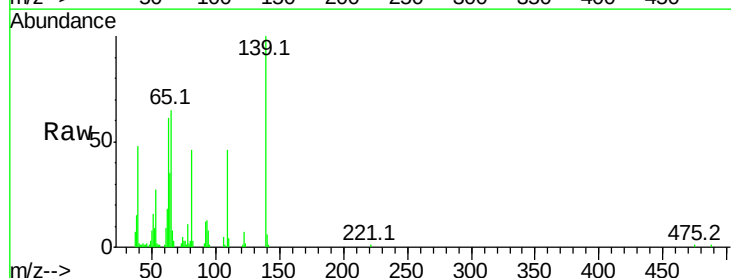
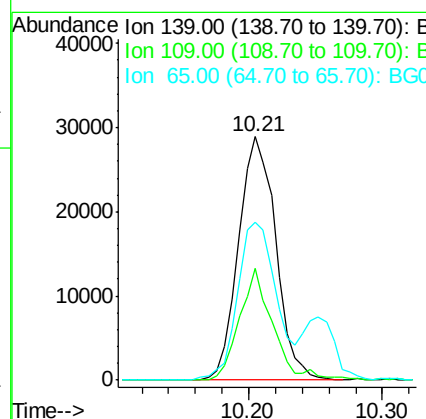
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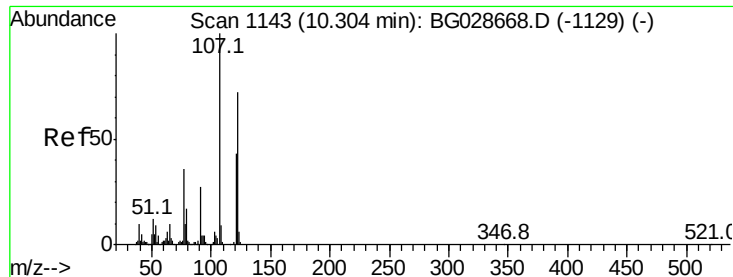
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#26  
2-Nitrophenol  
Concen: 40.211 ng  
RT: 10.21 min Scan# 1126  
Delta R.T. -0.06 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 55807 |       |       |
| 109     | 46.1  |       | 38.6  | 58.0  |
| 65      | 64.7  |       | 57.1  | 85.7  |





#27

2,4-Dimethylphenol

Concen: 38.487 ng

RT: 10.25 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

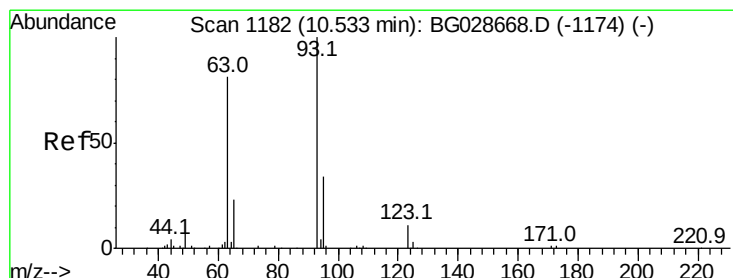
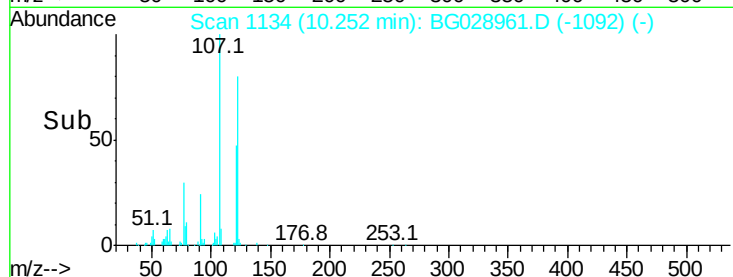
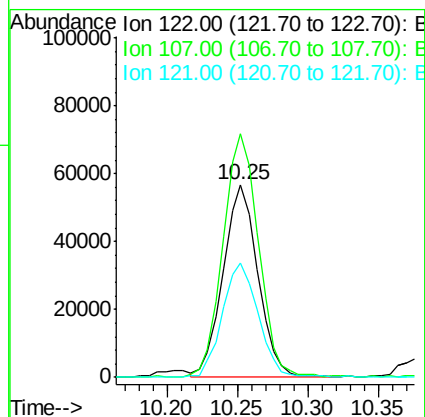
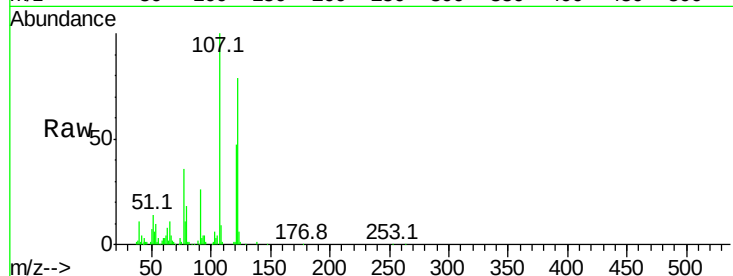
ClientSampleId :

PB102674BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 122   | Resp: | 97637 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 126.4 | 104.2 | 156.4 |
| 121      | 59.6  | 46.0  | 69.0  |

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#28

bis(2-Chloroethoxy)methane

Concen: 38.560 ng

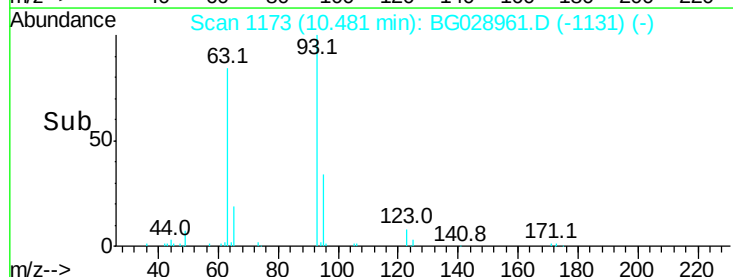
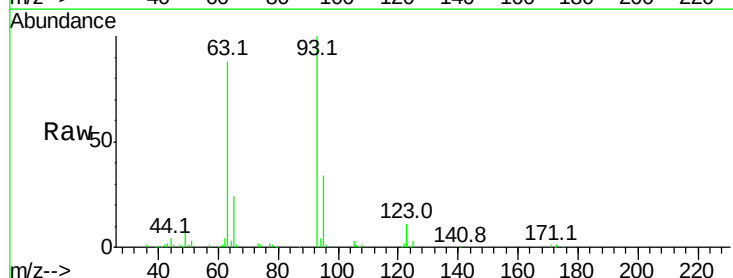
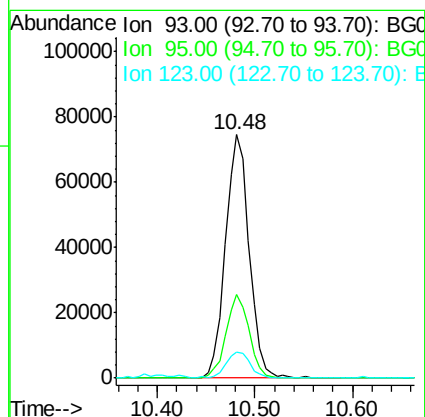
RT: 10.48 min Scan# 1173

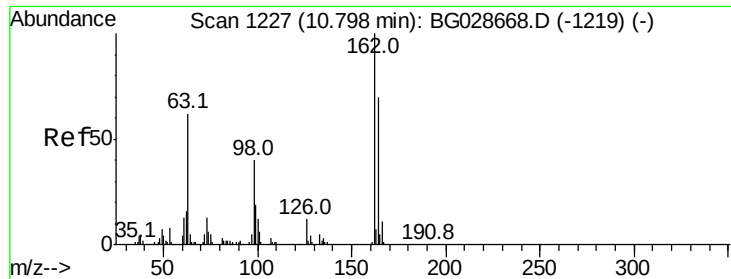
Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 124775 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 34.3  | 25.7  | 38.5   |
| 123      | 10.6  | 8.3   | 12.5   |





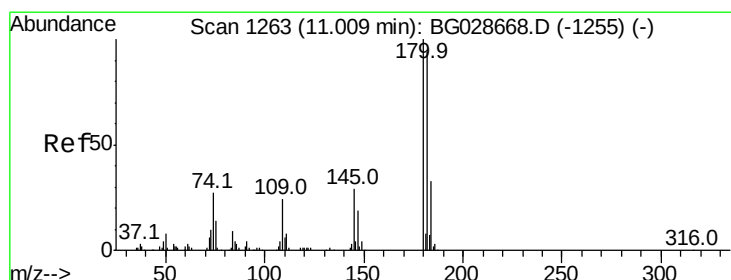
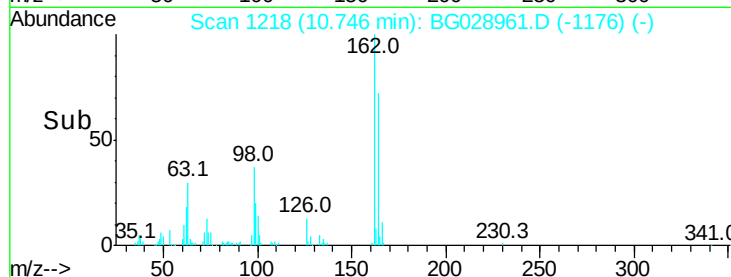
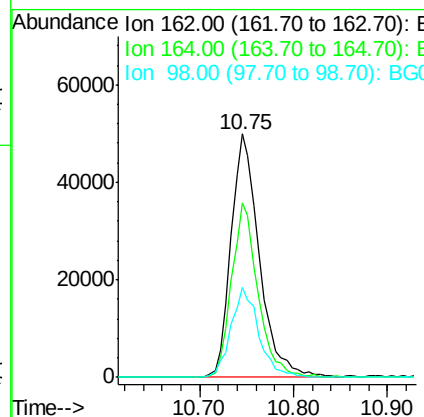
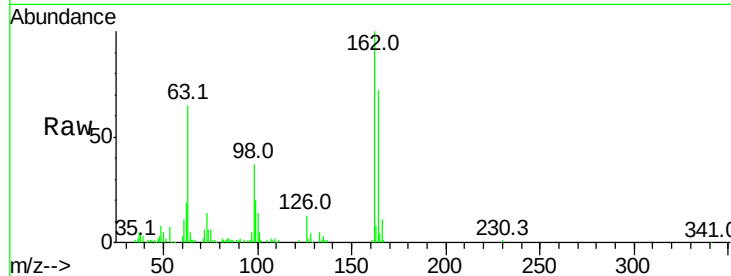
#29  
 2,4-Dichlorophenol  
 Concen: 41.285 ng  
 RT: 10.75 min Scan# 1218  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 104208 |       |       |
| 164     | 71.7  | 42.4   | 82.4  |       |
| 98      | 37.1  | 20.3   | 60.3  |       |

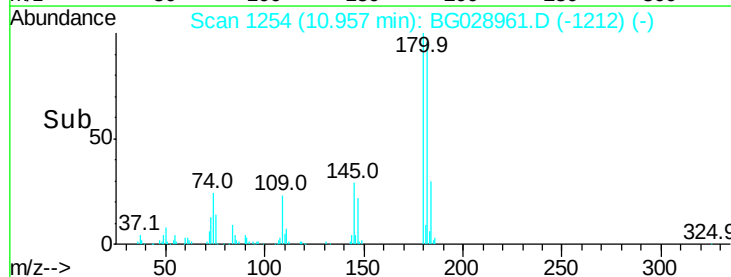
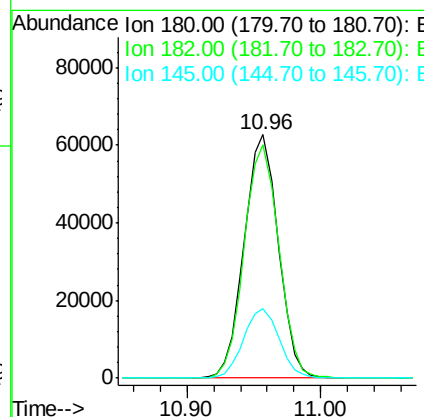
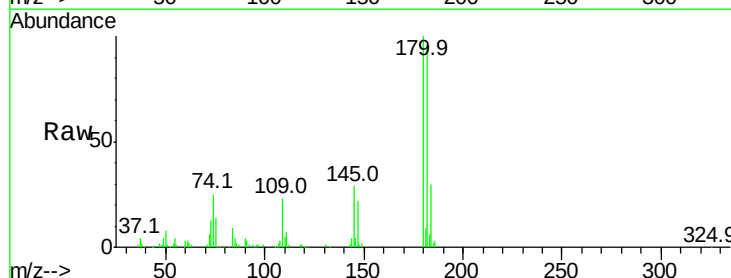
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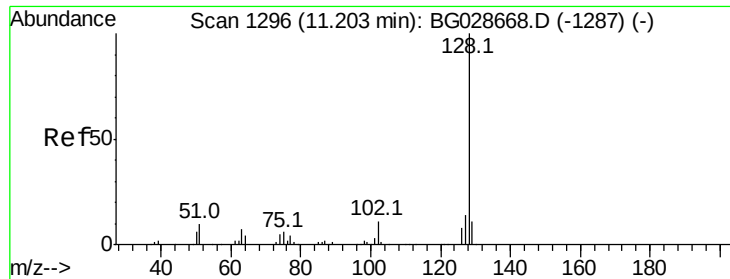
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.499 ng  
 RT: 10.96 min Scan# 1254  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 110858 |       |       |
| 182     | 96.0  | 77.0   | 115.4 |       |
| 145     | 28.6  | 23.4   | 35.0  |       |





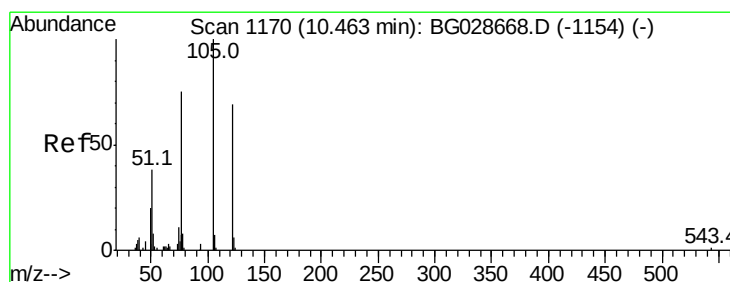
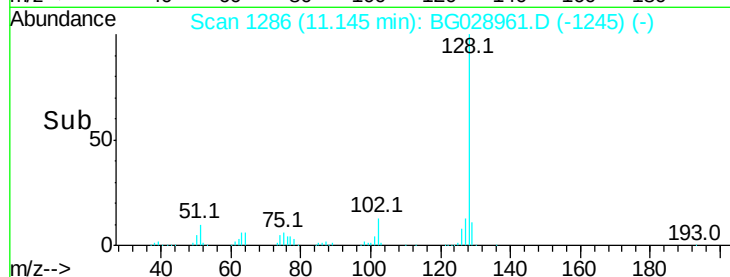
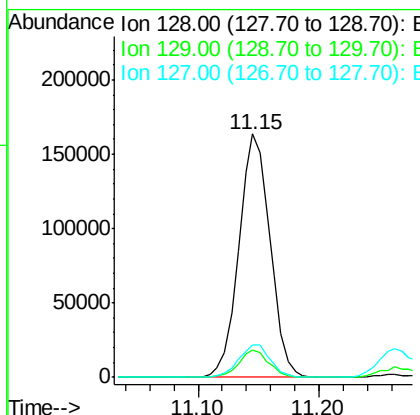
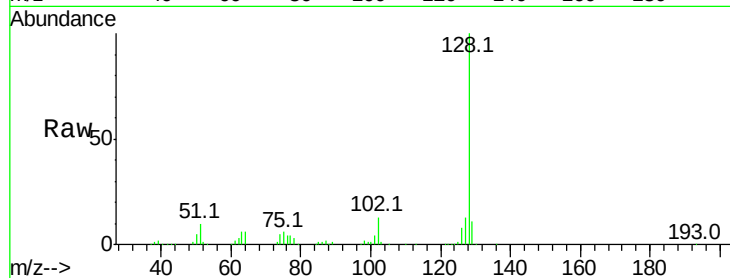
#31  
Naphthalene  
Concen: 39.976 ng  
RT: 11.15 min Scan# 1286  
Delta R.T. -0.06 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 294129 |       |       |
| 129     | 11.1  | 9.3    | 13.9  |       |
| 127     | 13.2  | 11.4   | 17.0  |       |

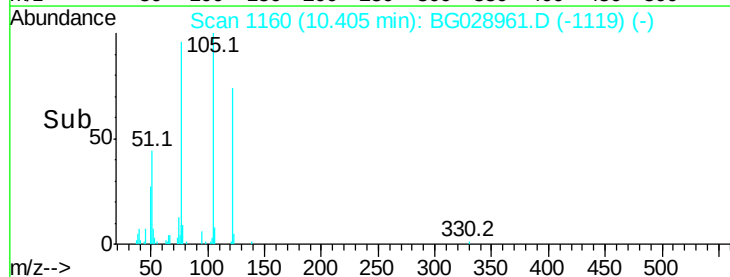
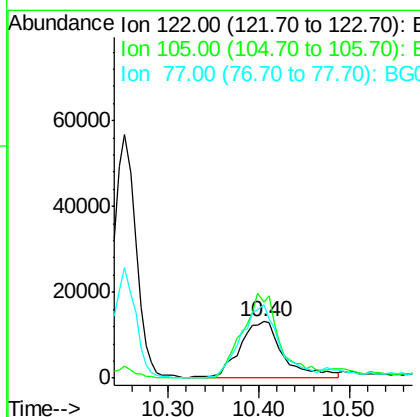
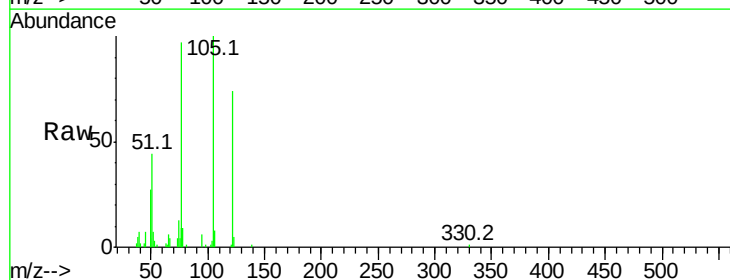
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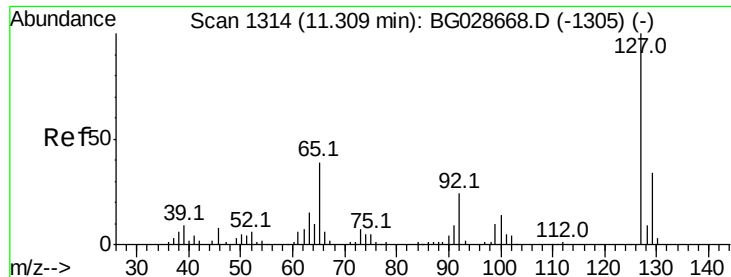
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#32  
Benzoic acid  
Concen: 27.542 ng  
RT: 10.40 min Scan# 1160  
Delta R.T. -0.06 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 44269 |       |       |
| 105     | 134.4 | 120.1 | 160.1 |       |
| 77      | 130.0 | 104.6 | 144.6 |       |





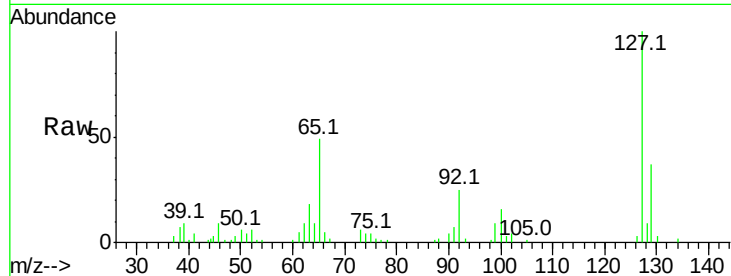
#33  
4-Chloroaniline  
Concen: 15.120 ng  
RT: 11.26 min Scan# 1306  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampled :  
PB102674BS

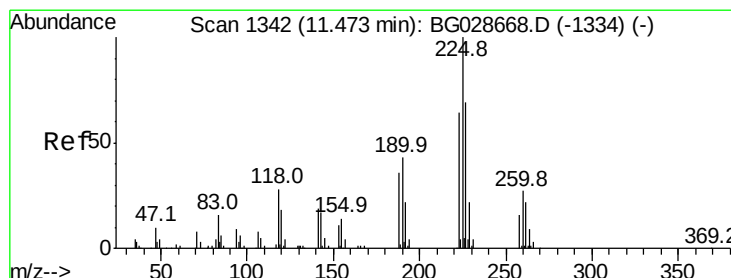
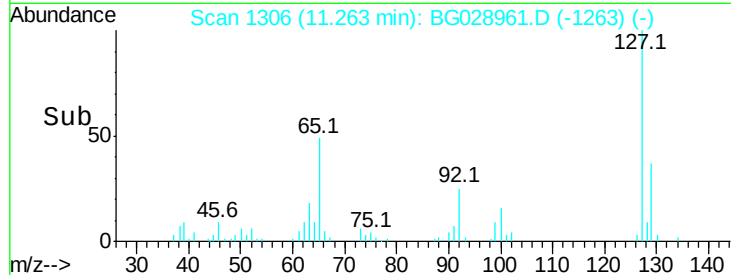
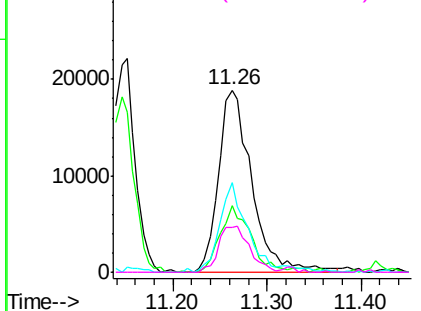
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 36.6  | 23.6  | 35.4# |
| 65      | 49.0  | 37.7  | 56.5  |
| 92      | 24.7  | 17.6  | 26.4  |

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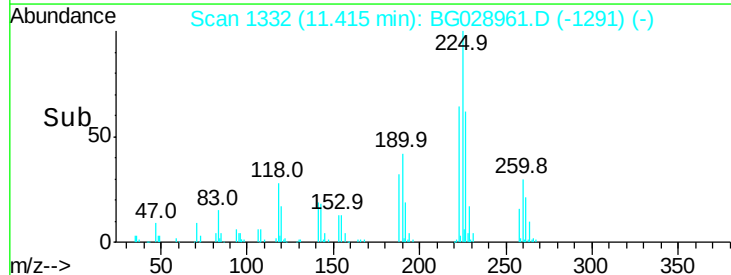
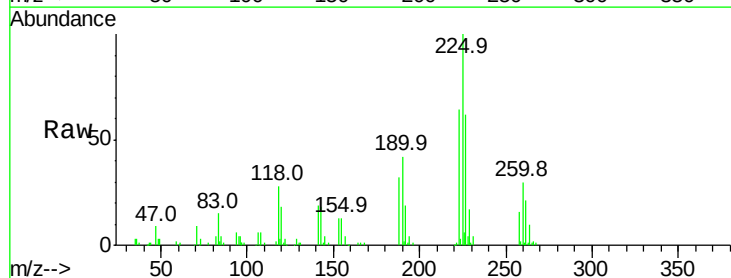
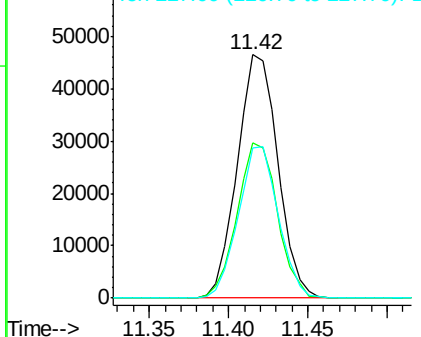
Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

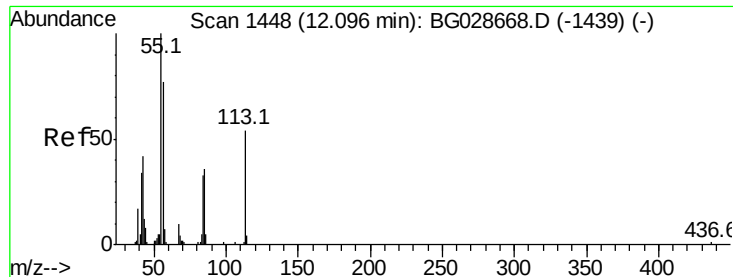


#34  
Hexachlorobutadiene  
Concen: 38.899 ng  
RT: 11.42 min Scan# 1332  
Delta R.T. -0.06 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.6  | 50.7  | 76.1  |
| 227     | 61.9  | 49.0  | 73.6  |

Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.437 ng/ml

RT: 12.04 min Scan# 1438

Delta R.T. -0.06 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

ClientSampleId :

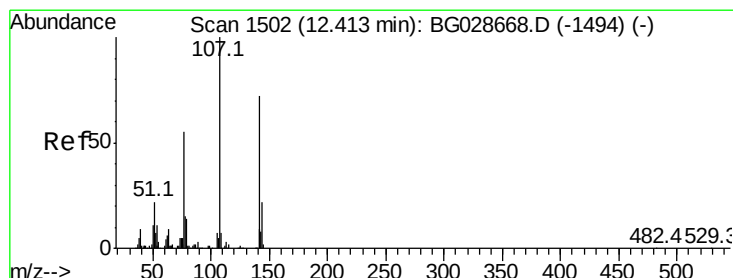
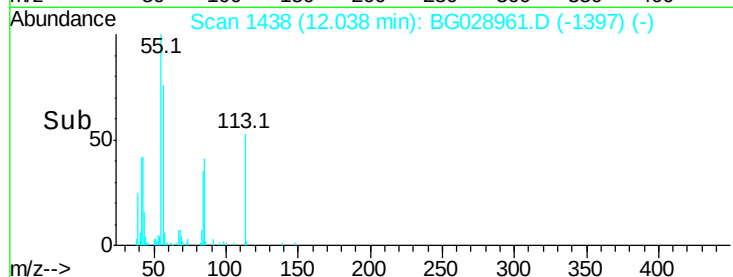
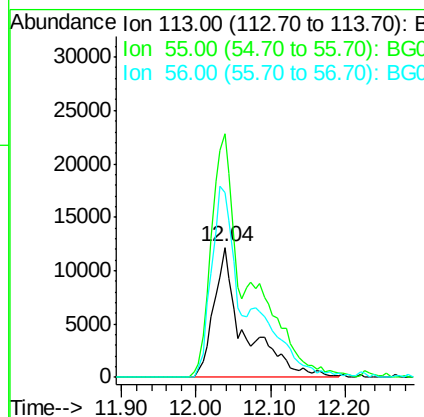
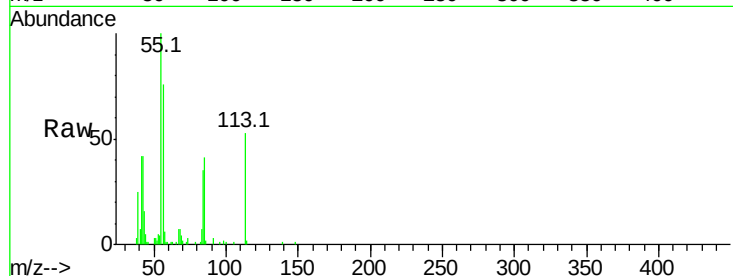
PB102674BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 187.6 | 198.6 | 238.6# |
| 56      | 142.1 | 140.4 | 180.4  |

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#36

4-Chloro-3-methylphenol

Concen: 36.962 ng/ml

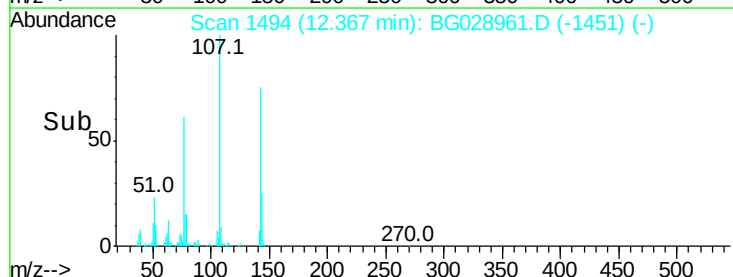
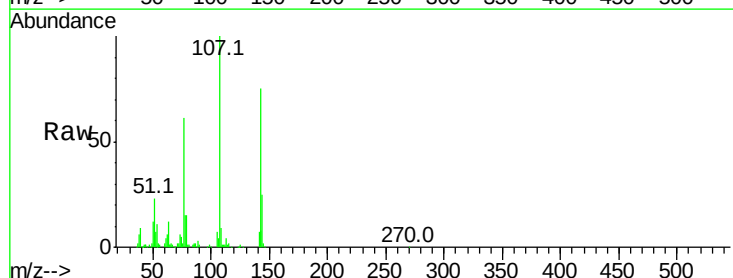
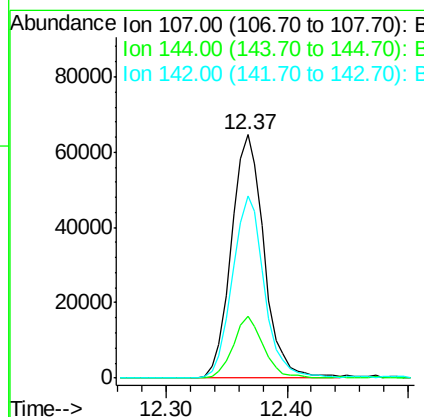
RT: 12.37 min Scan# 1494

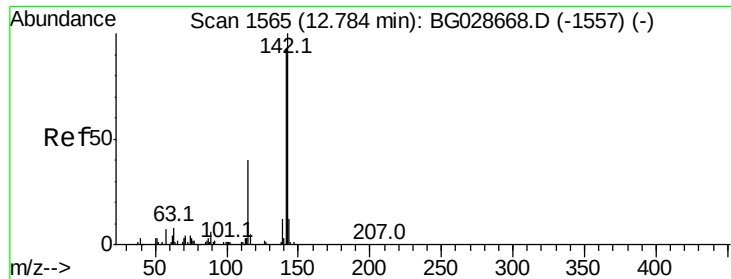
Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.5  | 17.4  | 26.0  |
| 142     | 74.6  | 54.1  | 81.1  |





#37

2-Methylnaphthalene

Concen: 41.457 ng

RT: 12.73 min Scan# 1556

Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

ClientSampleId :

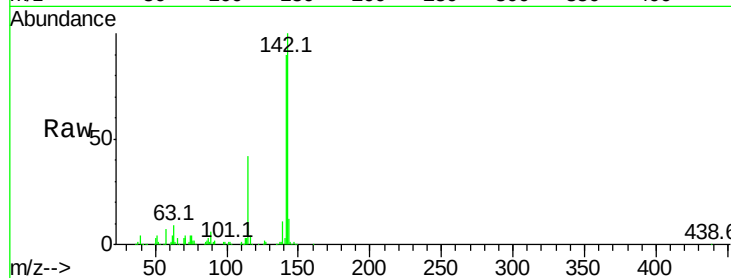
PB102674BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 227734 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 90.1  | 70.4  | 105.6  |
| 115       | 41.6  | 35.5  | 53.3   |

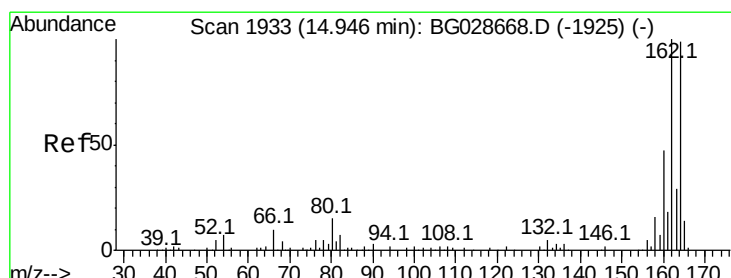
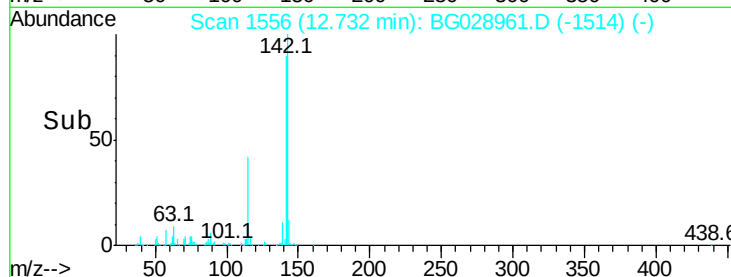
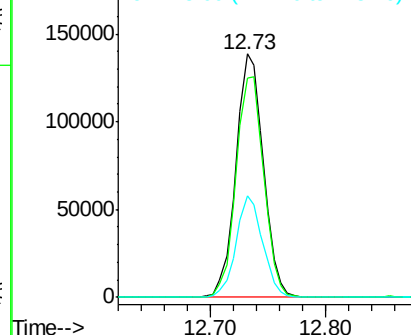
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Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.89 min Scan# 1924

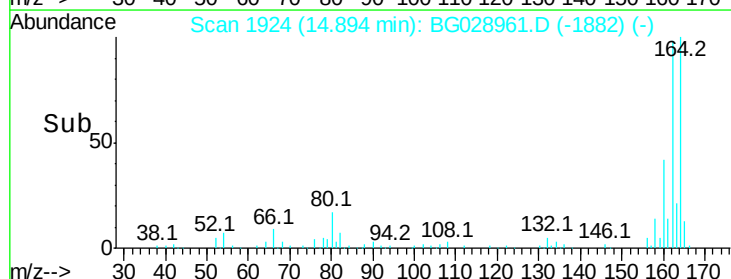
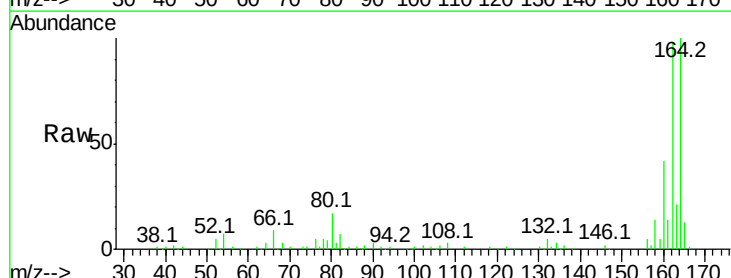
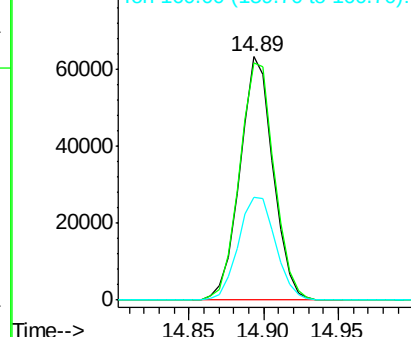
Delta R.T. -0.05 min

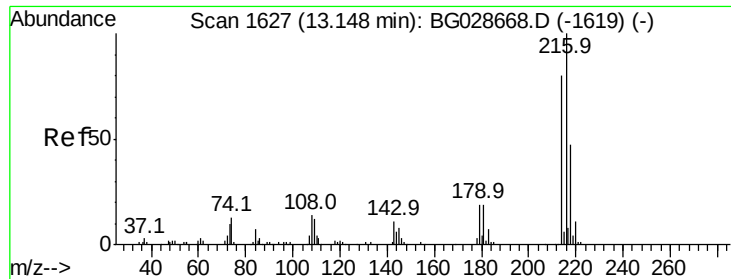
Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 97566 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 97.7  | 85.1  | 127.7 |
| 160       | 42.3  | 34.7  | 52.1  |

Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





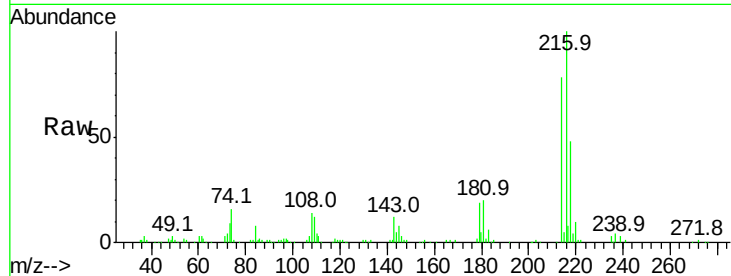
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.544 ng  
 RT: 13.10 min Scan# 1618  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

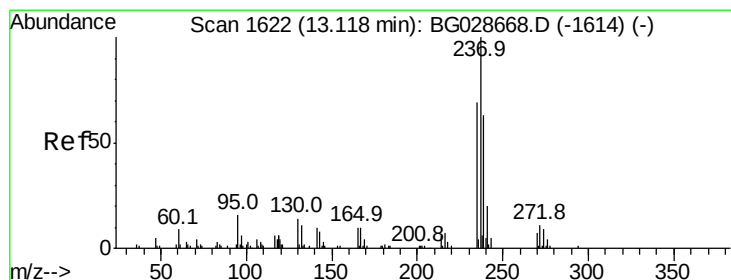
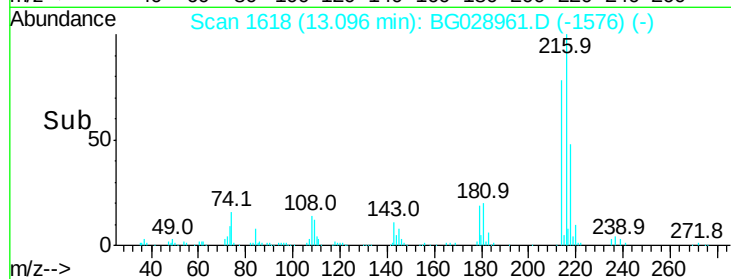
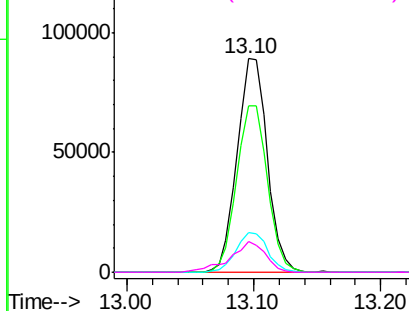
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 146602 |       |       |
| 214     | 79.8  | 64.4   | 96.6  |       |
| 179     | 19.5  | 17.4   | 26.0  |       |
| 108     | 16.7  | 15.6   | 23.4  |       |

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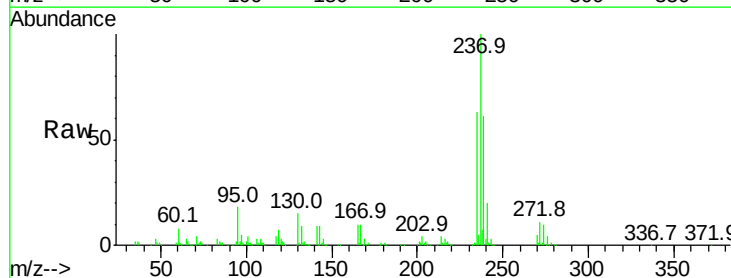


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

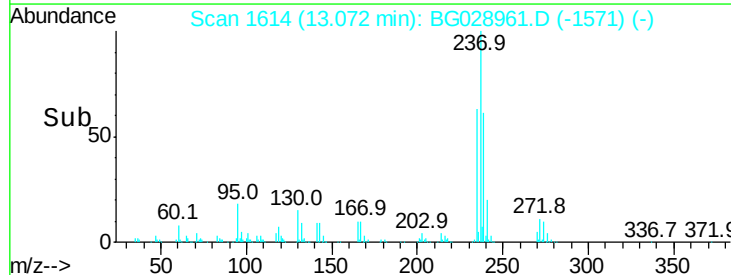
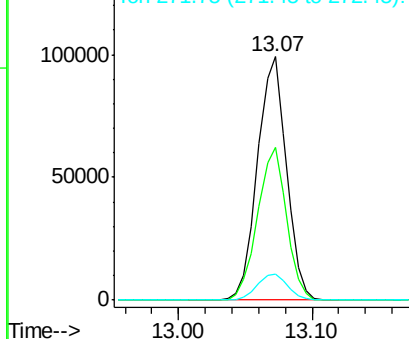


#40  
 Hexachlorocyclopentadiene  
 Concen: 93.503 ng  
 RT: 13.07 min Scan# 1614  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

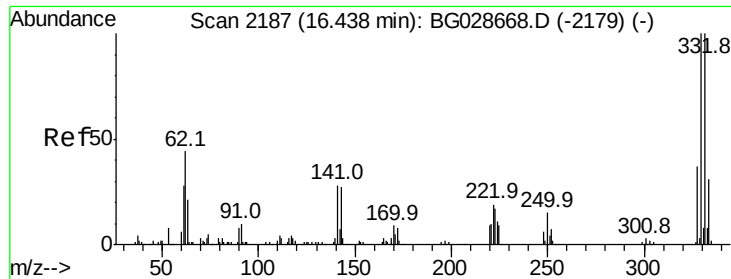
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 147928 |       |       |
| 235     | 62.8  | 39.4   | 79.4  |       |
| 272     | 10.8  | 0.0    | 32.0  |       |



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







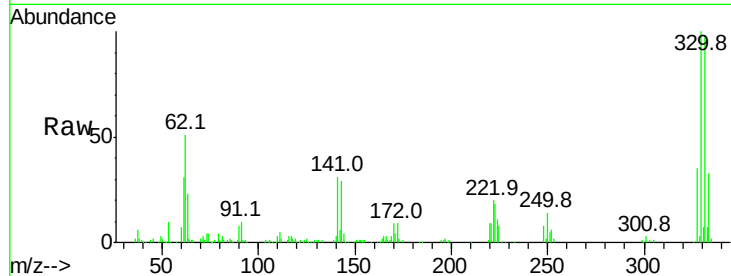
#41  
 2,4,6-Tribromophenol  
 Concen: 77.473 ng  
 RT: 16.39 min Scan# 2178  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB102674BS

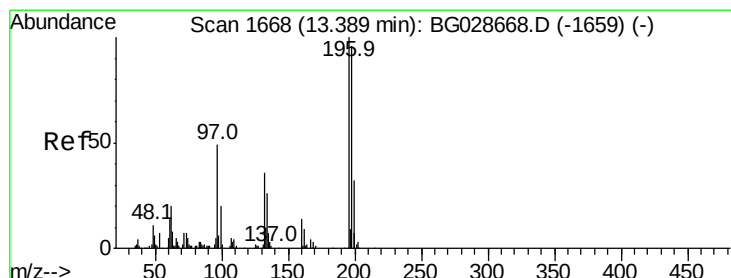
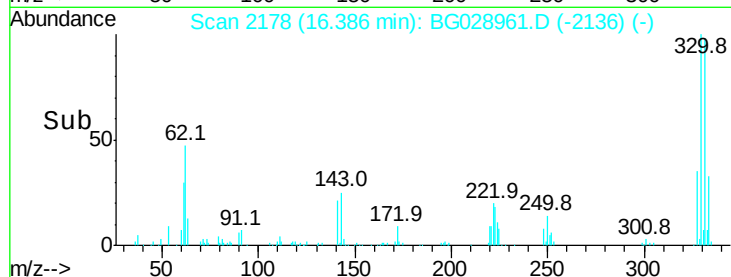
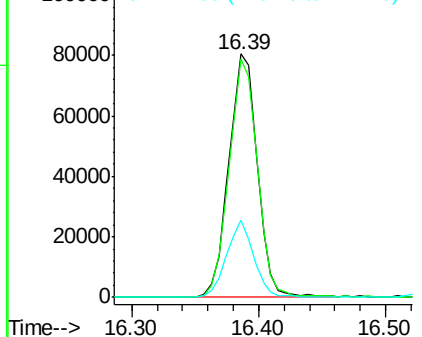
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 125017 |       |       |
| 332     | 97.5  | 77.3   | 115.9 |       |
| 141     | 30.2  | 32.1   | 48.1# |       |

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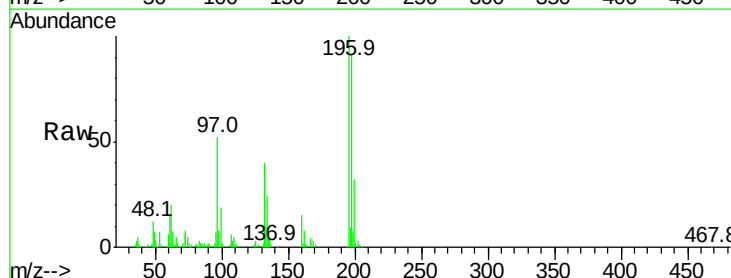


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

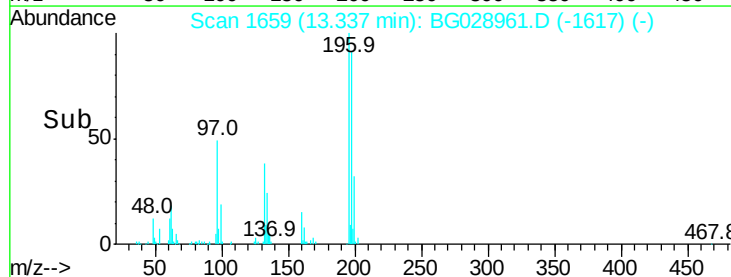
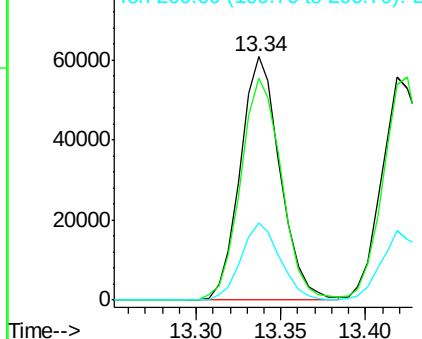


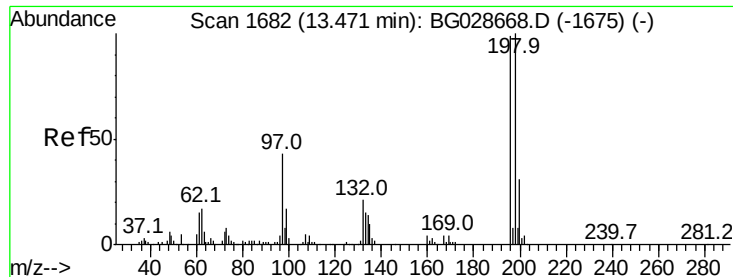
#42  
 2,4,6-Trichlorophenol  
 Concen: 39.032 ng  
 RT: 13.34 min Scan# 1659  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 99381 |       |       |
| 198     | 91.4  | 81.4  | 122.2 |       |
| 200     | 31.7  | 27.0  | 40.6  |       |



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





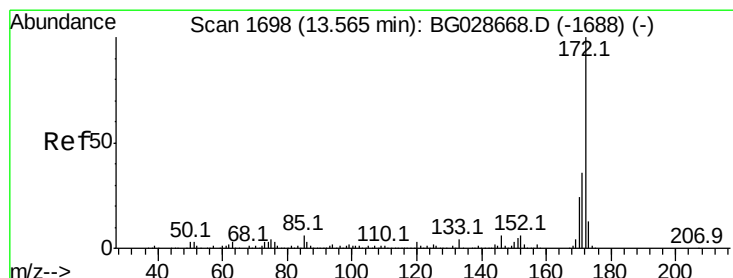
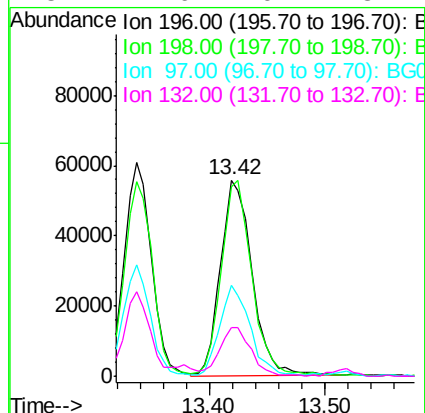
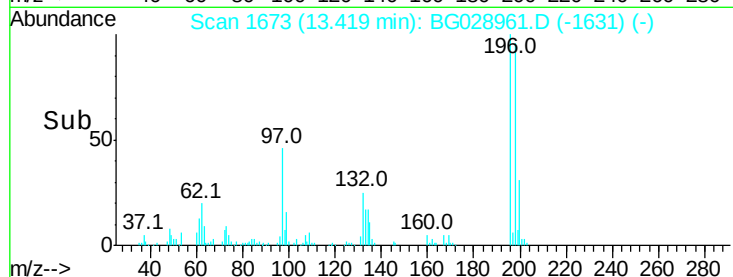
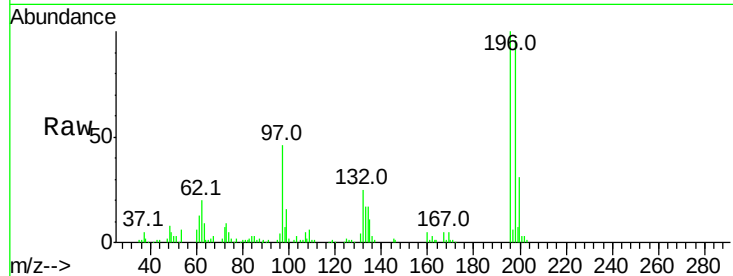
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.301 ng  
 RT: 13.42 min Scan# 1673  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 96.5  | 79.9 | 119.9 |       |
| 97      | 46.4  | 45.4 | 68.0  |       |
| 132     | 24.6  | 20.7 | 31.1  |       |

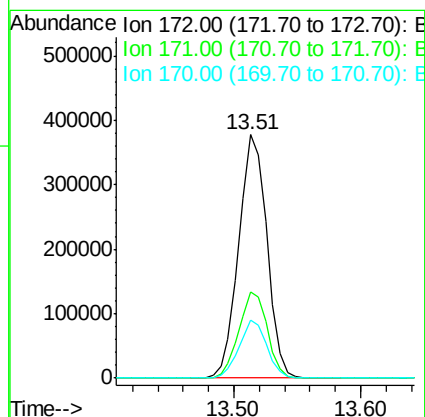
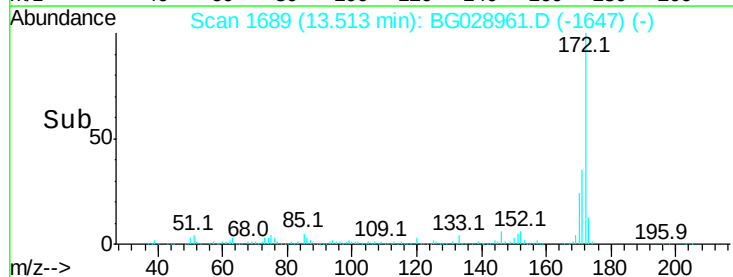
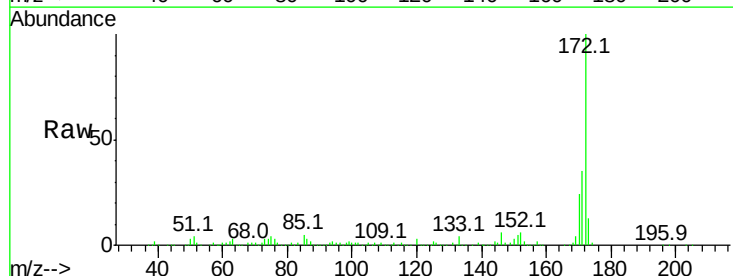
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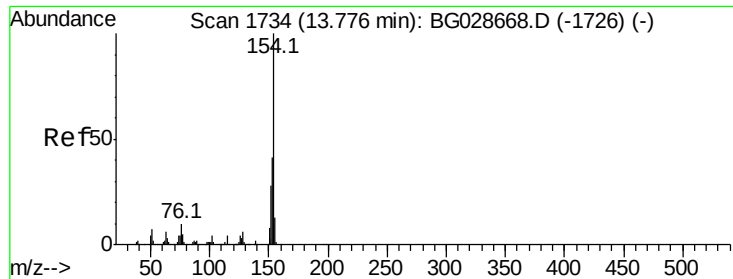
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#44  
 2-Fluorobiphenyl  
 Concen: 79.399 ng  
 RT: 13.51 min Scan# 1689  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 35.4  | 32.2 | 48.2  |       |
| 170     | 23.9  | 21.8 | 32.6  |       |





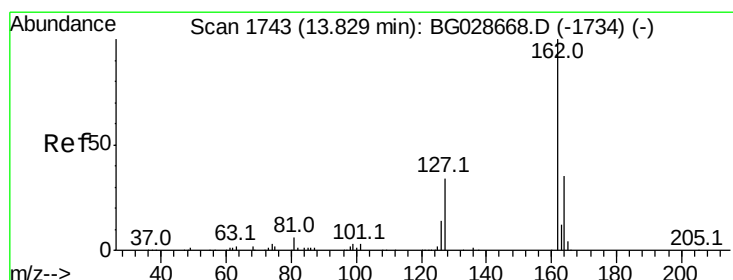
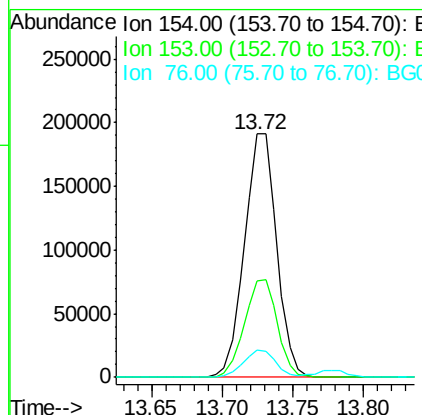
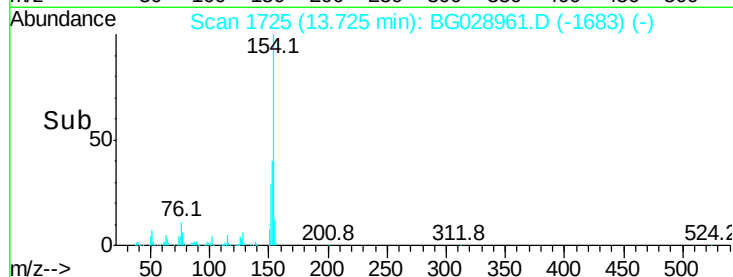
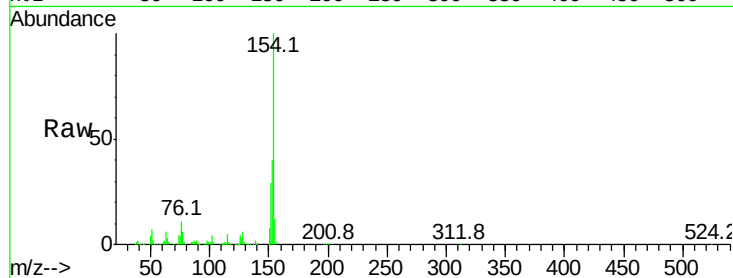
#45  
1,1'-Biphenyl  
Concen: 37.843 ng  
RT: 13.72 min Scan# 1725  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampled :  
PB102674BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.7  | 23.0  | 63.0  |
| 76      | 11.2  | 0.0   | 33.5  |

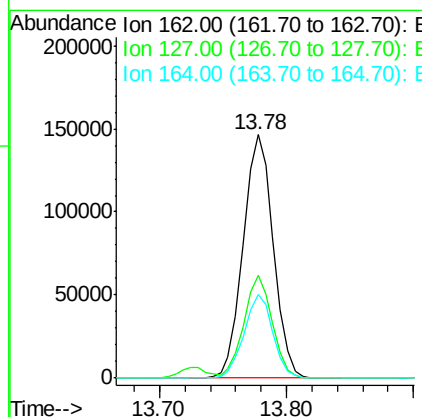
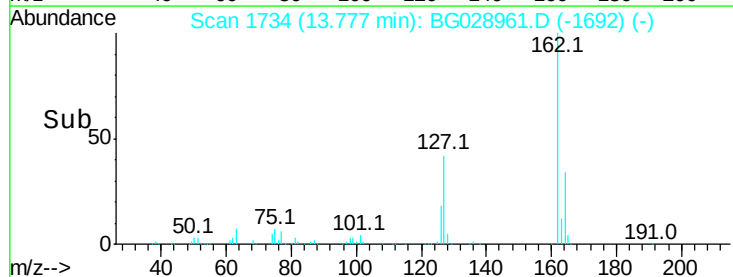
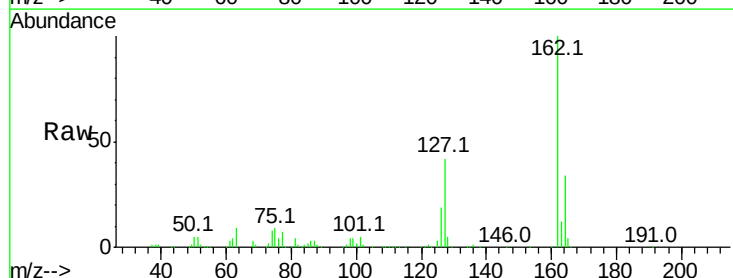
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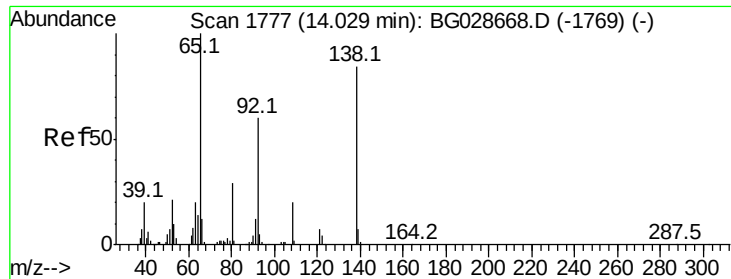
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#46  
2-Chloronaphthalene  
Concen: 40.869 ng  
RT: 13.78 min Scan# 1734  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.2  | 32.2  | 48.4  |
| 164     | 34.2  | 27.3  | 40.9  |





#47

2-Nitroaniline

Concen: 41.904 ng

RT: 13.98 min Scan# 1769

Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

ClientSampleId :

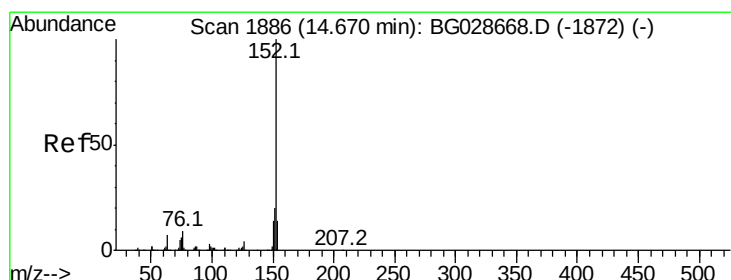
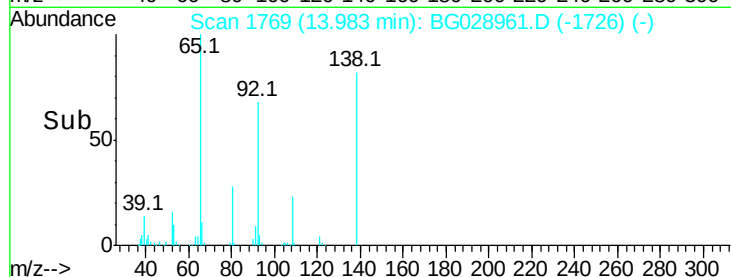
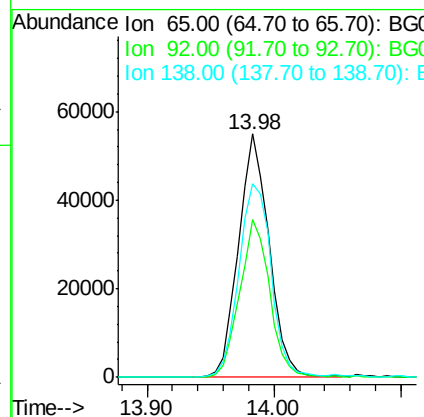
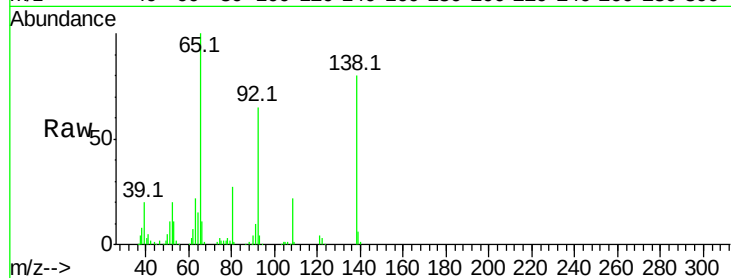
PB102674BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 91759 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 64.7  | 49.0  | 73.4  |
| 138       | 79.7  | 58.6  | 87.8  |

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#48

Acenaphthylene

Concen: 39.785 ng

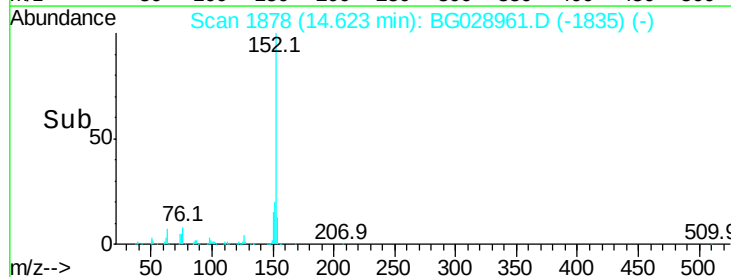
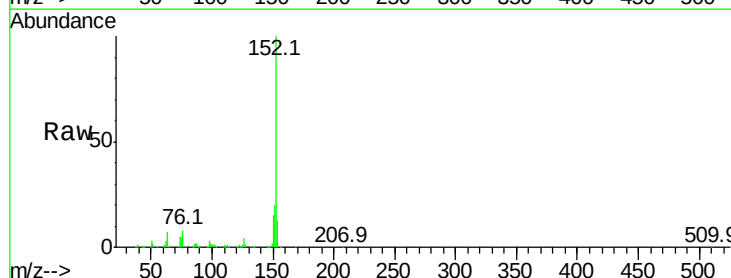
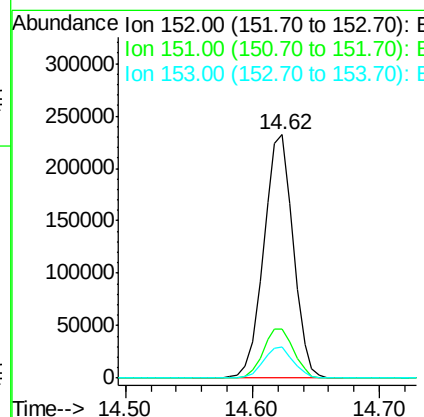
RT: 14.62 min Scan# 1878

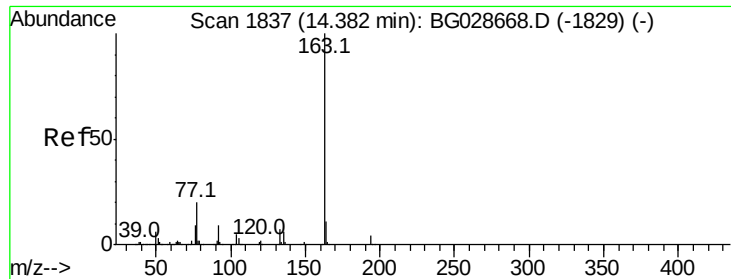
Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 374507 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.3  | 18.2  | 27.2   |
| 153       | 13.0  | 11.3  | 16.9   |





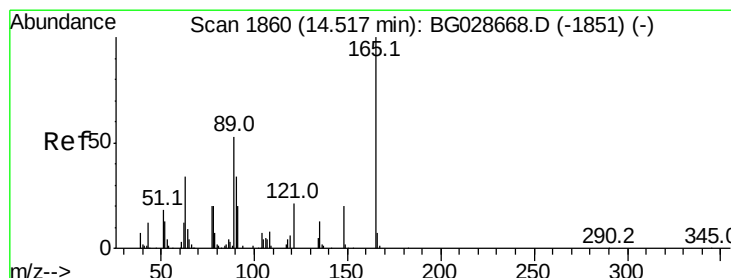
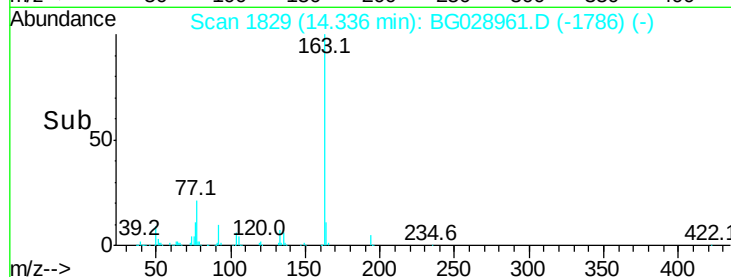
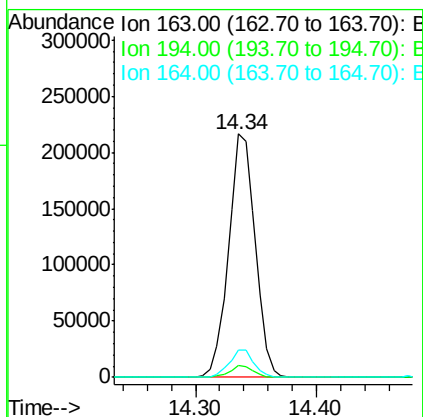
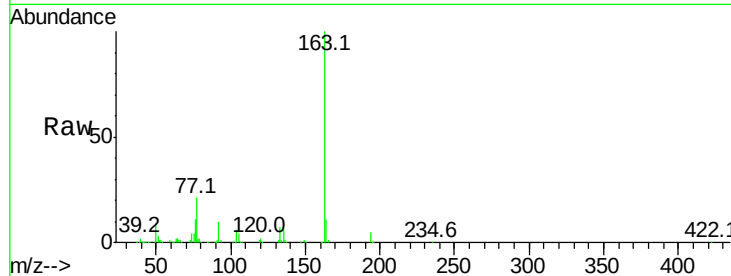
#49  
Dimethylphthalate  
Concen: 40.367 ng  
RT: 14.34 min Scan# 1829  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 4.8   | 3.8  | 5.6   |       |
| 164     | 11.0  | 9.3  | 13.9  |       |

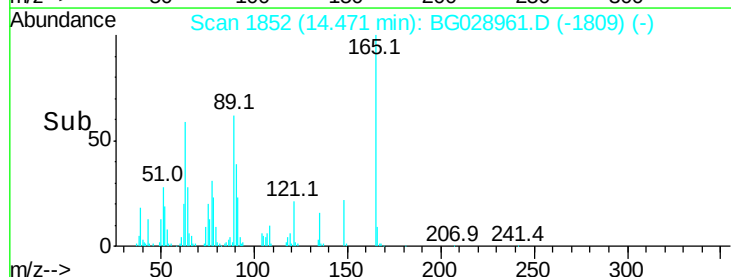
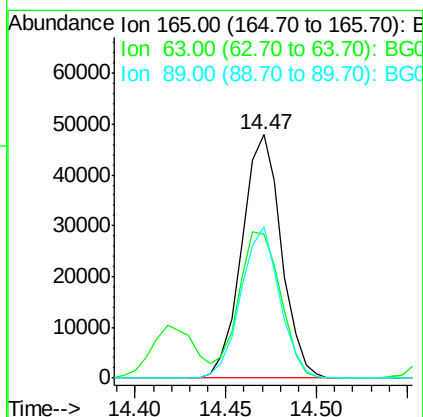
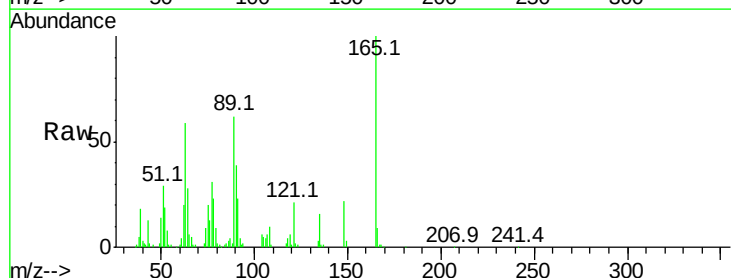
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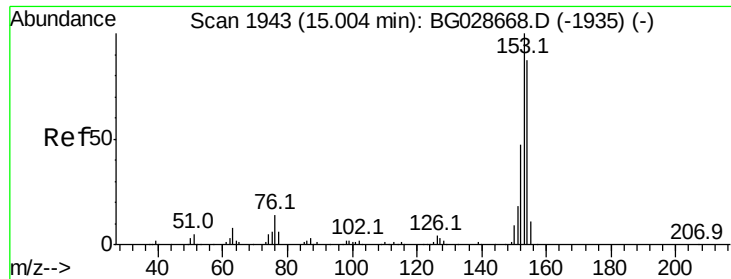
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#50  
2,6-Dinitrotoluene  
Concen: 39.703 ng  
RT: 14.47 min Scan# 1852  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 58.8  | 63.9 | 95.9# |       |
| 89      | 62.0  | 58.6 | 88.0  |       |





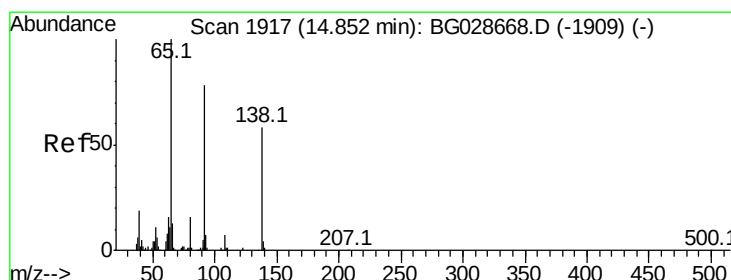
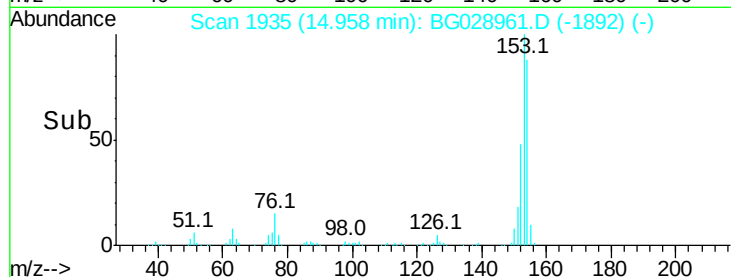
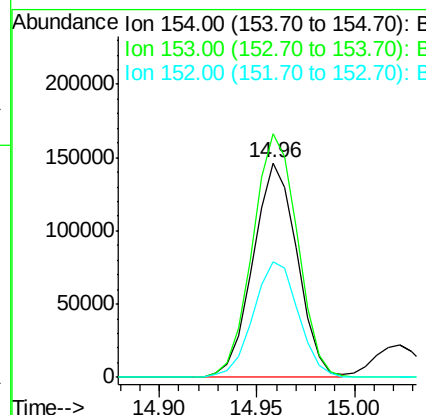
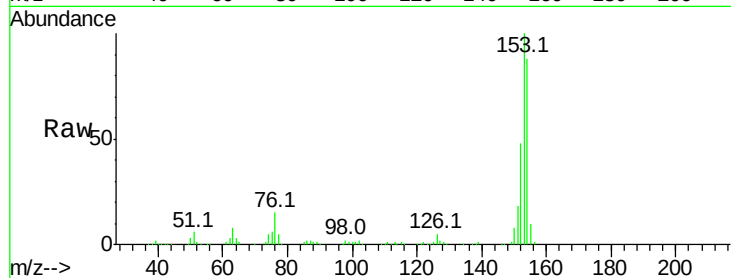
#51  
Acenaphthene  
Concen: 40.053 ng  
RT: 14.96 min Scan# 1935  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.6 | 87.8  | 131.6 |
| 152     | 54.0  | 42.2  | 63.4  |

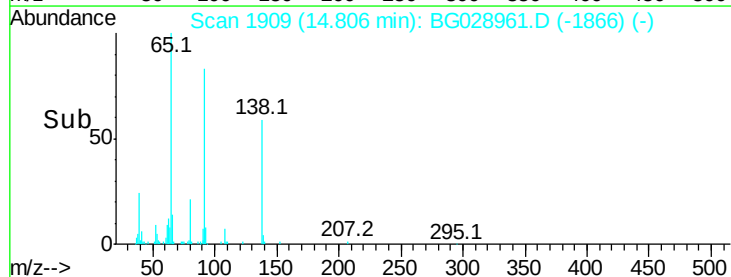
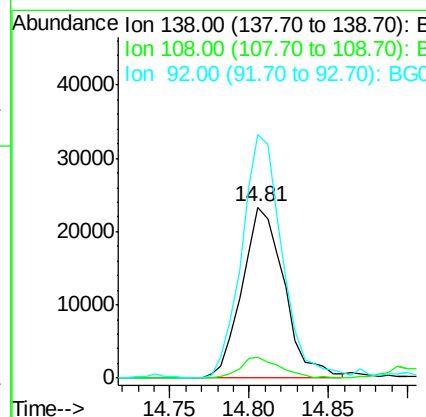
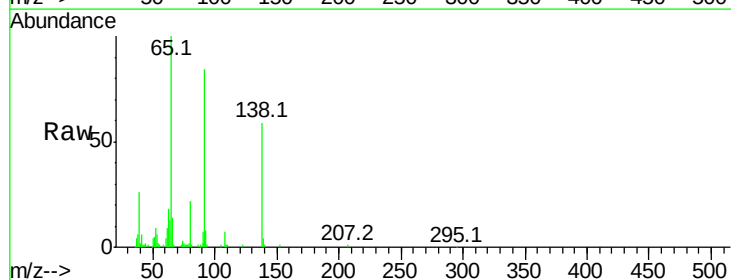
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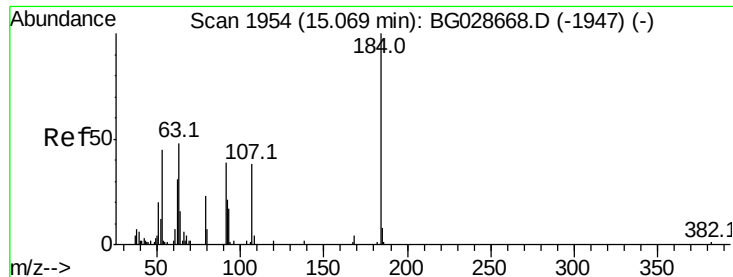
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#52  
3-Nitroaniline  
Concen: 26.785 ng  
RT: 14.81 min Scan# 1909  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.2  | 10.9  | 16.3  |
| 92      | 142.4 | 115.3 | 172.9 |





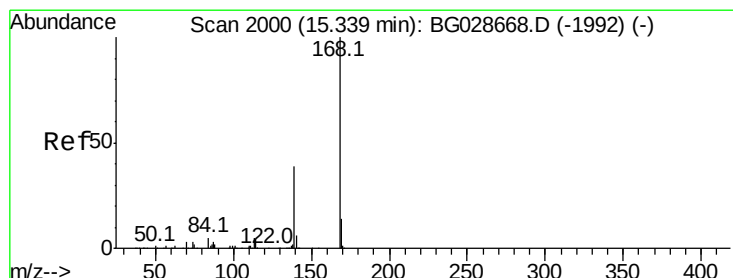
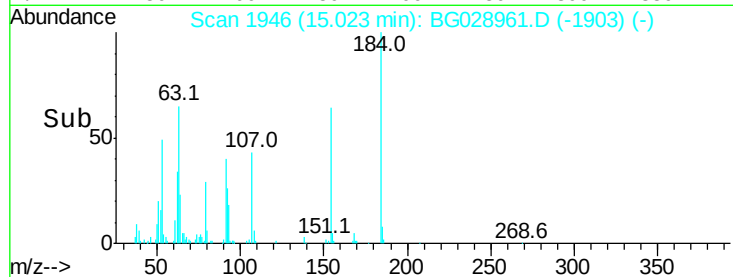
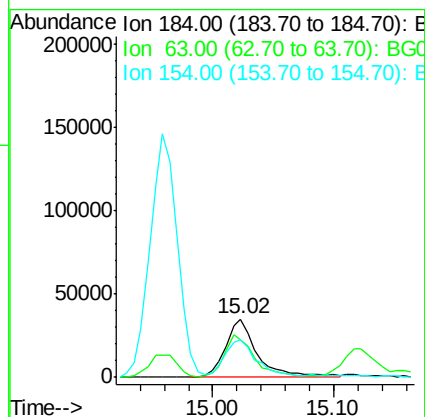
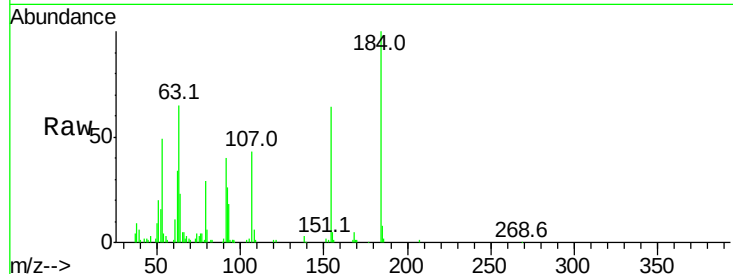
#53  
2,4-Dinitrophenol  
Concen: 67.758 ng  
RT: 15.02 min Scan# 1946  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 63692 |       |       |
| 63      | 65.3  | 52.7  | 79.1  |       |
| 154     | 64.1  | 57.3  | 85.9  |       |

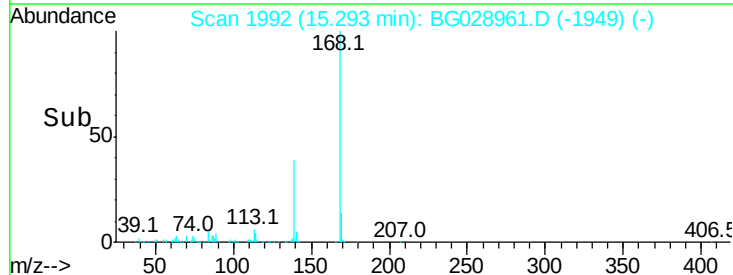
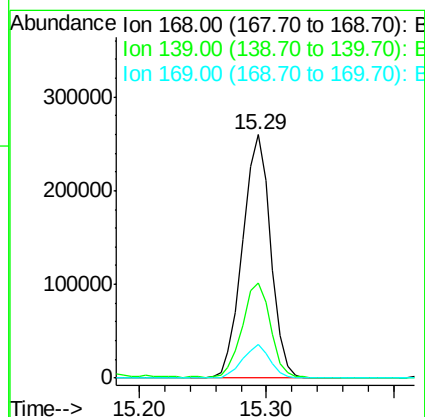
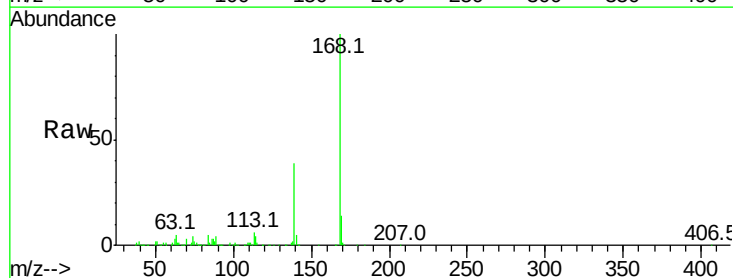
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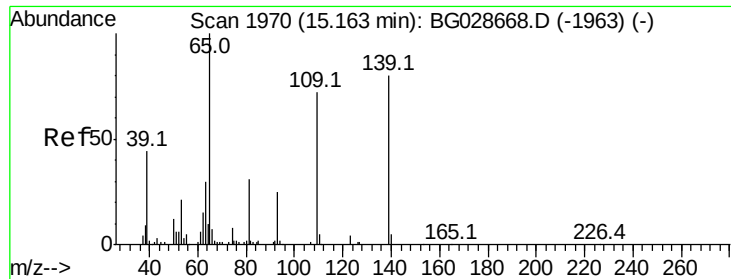
Sohil  
9/29/2017 6:03:04 PM



#54  
Dibenzofuran  
Concen: 43.596 ng  
RT: 15.29 min Scan# 1992  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 397553 |       |       |
| 139     | 39.0  | 35.3   | 52.9  |       |
| 169     | 13.7  | 11.5   | 17.3  |       |





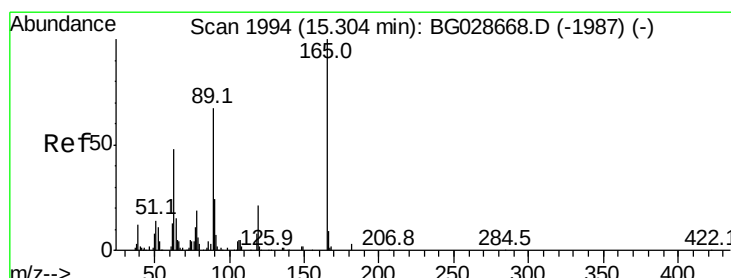
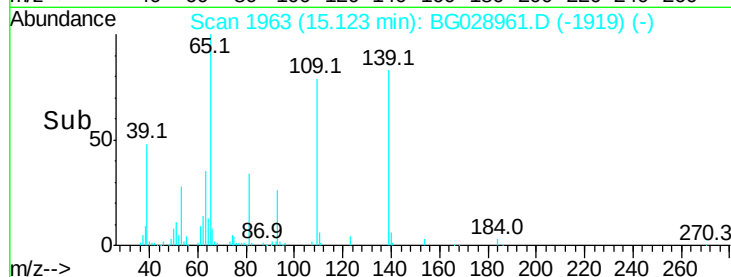
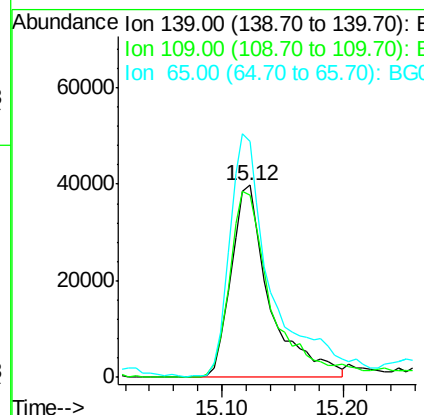
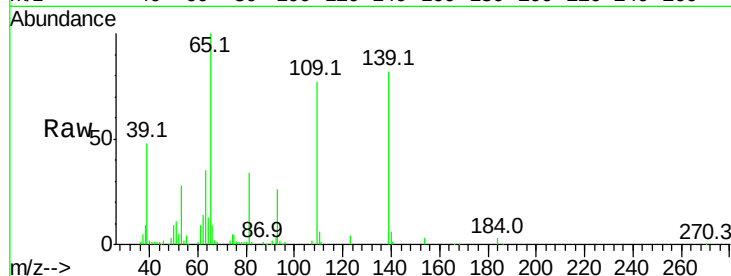
#55  
4-Nitrophenol  
Concen: 74.912 ng  
RT: 15.12 min Scan# 1963  
Delta R.T. -0.04 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 94.8  | 101.2 | 141.2# |
| 65      | 122.5 | 135.3 | 175.3# |

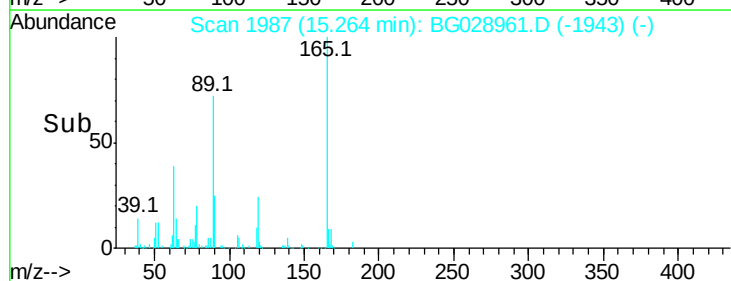
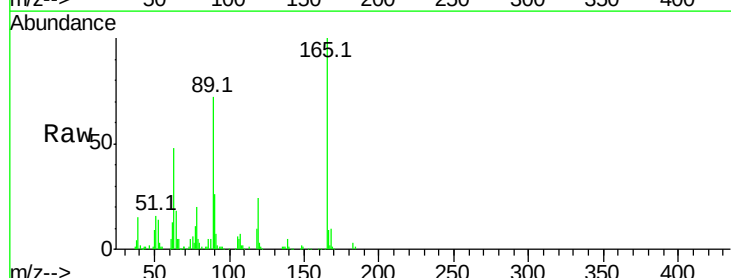
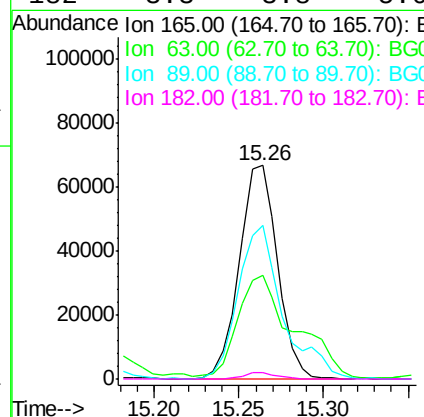
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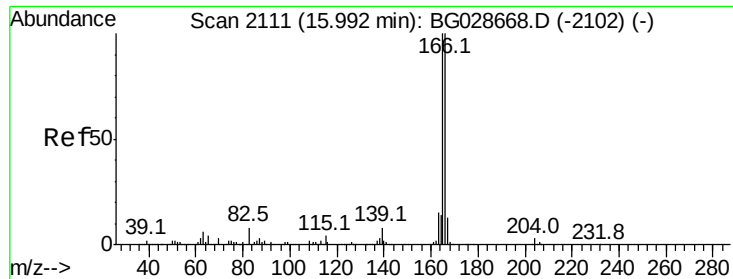


#56  
2,4-Dinitrotoluene  
Concen: 41.079 ng  
RT: 15.26 min Scan# 1987  
Delta R.T. -0.04 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.3  | 44.0  | 66.0  |
| 89      | 71.7  | 67.3  | 100.9 |
| 182     | 3.3   | 3.8   | 5.6#  |







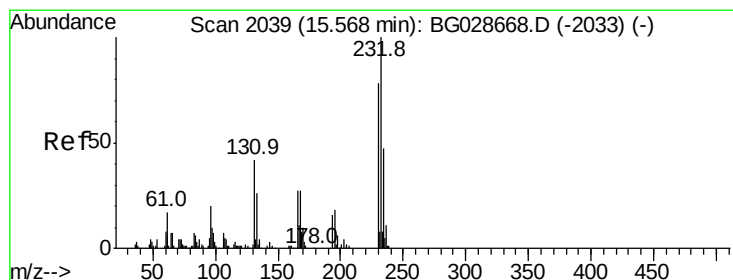
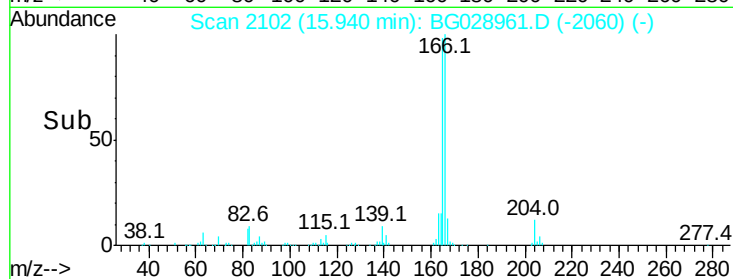
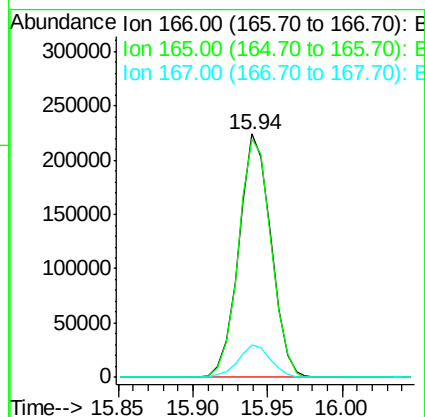
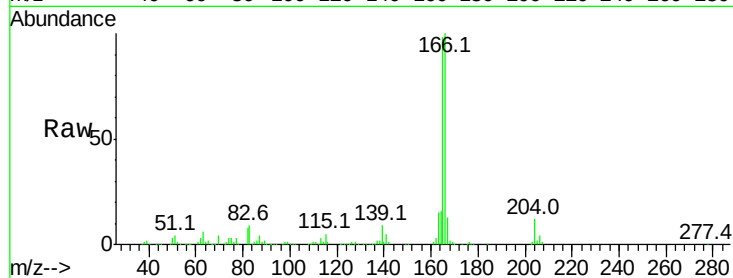
#57  
 Fluorene  
 Concen: 41.063 ng  
 RT: 15.94 min Scan# 2102  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 334293 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.1  | 78.6  | 117.8  |
| 167       | 13.4  | 11.6  | 17.4   |

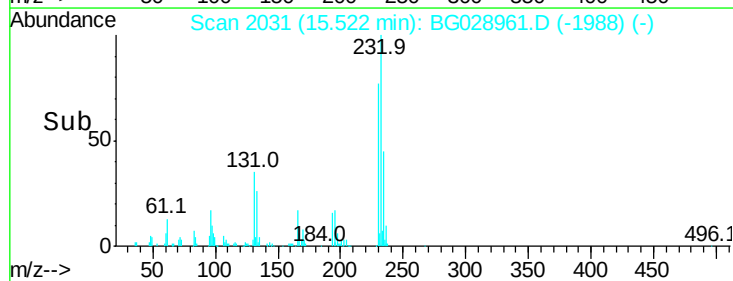
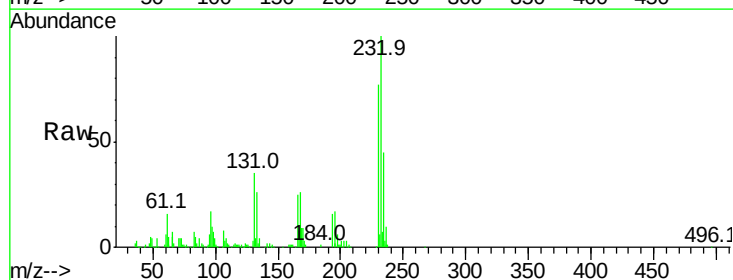
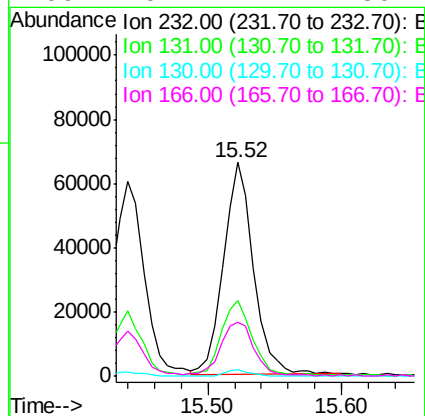
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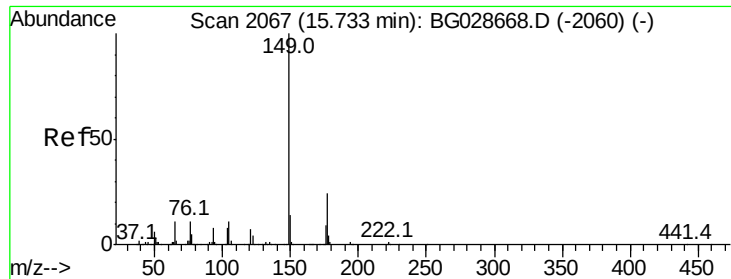
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.187 ng  
 RT: 15.52 min Scan# 2031  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 104145 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 37.3  | 34.9  | 52.3   |
| 130       | 2.4   | 2.3   | 3.5    |
| 166       | 29.1  | 24.2  | 36.4   |





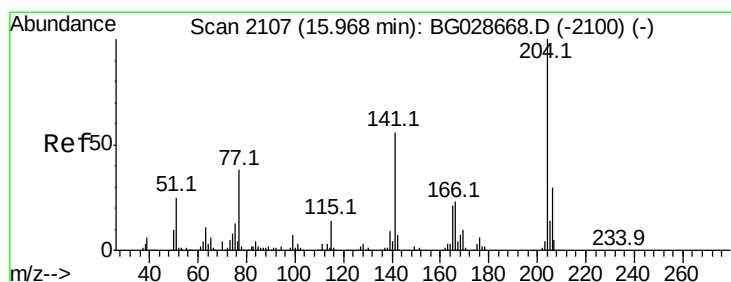
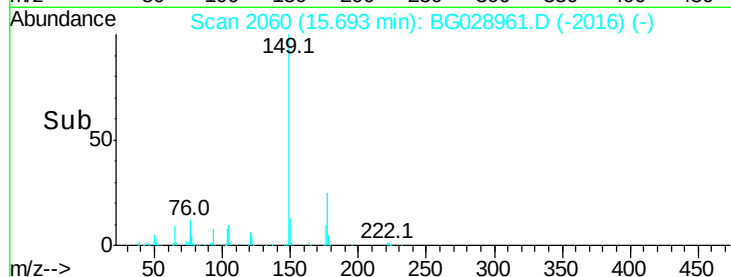
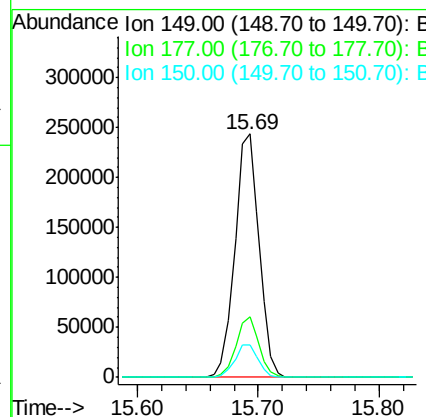
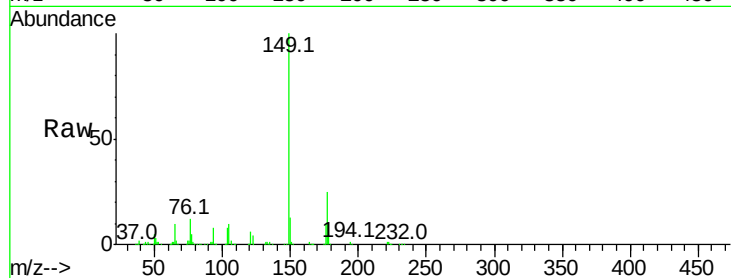
#59  
Diethylphthalate  
Concen: 40.290 ng  
RT: 15.69 min Scan# 2060  
Delta R.T. -0.04 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 177     | 25.0  | 20.1 | 30.1  |       |
| 150     | 13.2  | 10.2 | 15.2  |       |

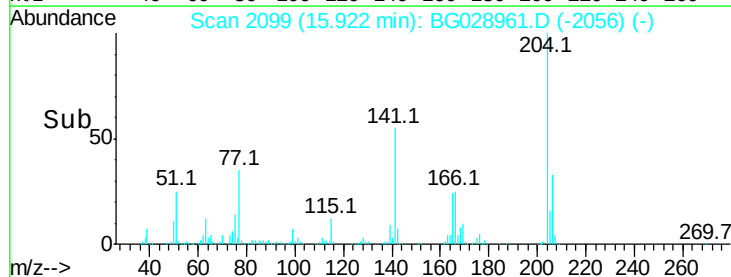
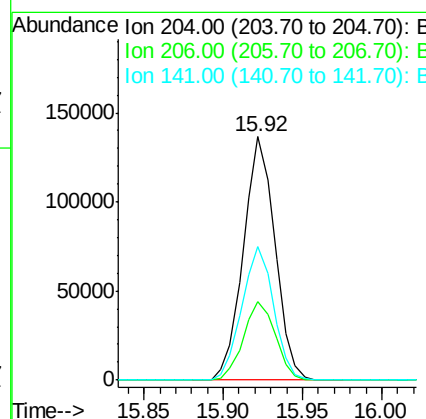
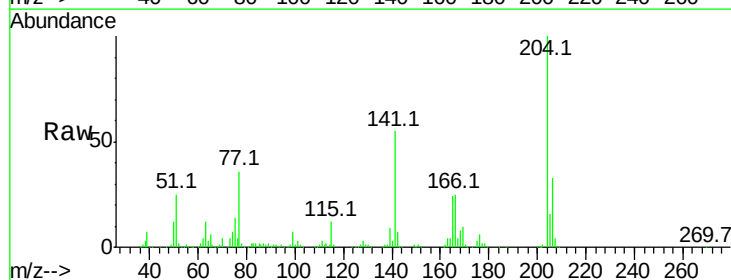
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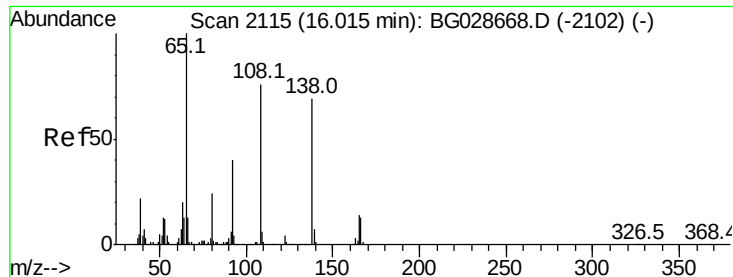
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#60  
4-Chlorophenyl-phenylether  
Concen: 40.737 ng  
RT: 15.92 min Scan# 2099  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 32.5  | 30.1 | 45.1  |       |
| 141     | 55.1  | 50.6 | 76.0  |       |





#61

4-Nitroaniline

Concen: 42.164 ng

RT: 15.97 min Scan# 2108

Delta R.T. -0.04 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

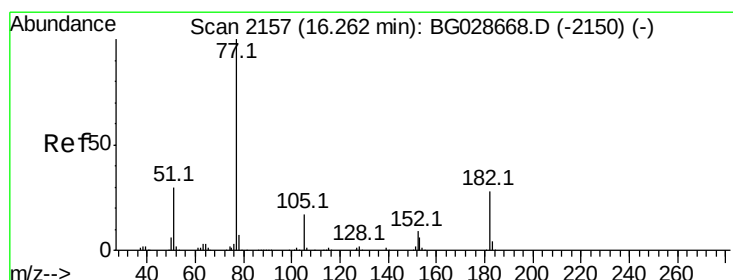
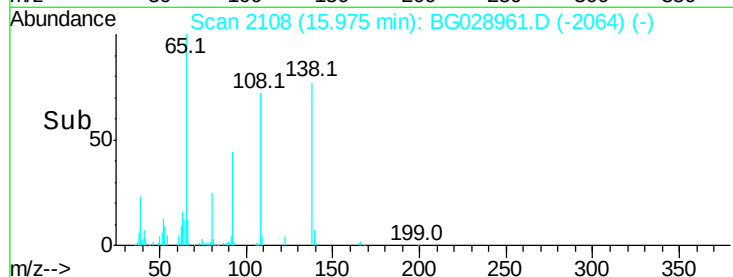
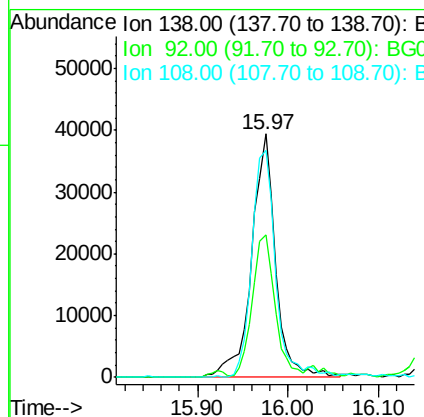
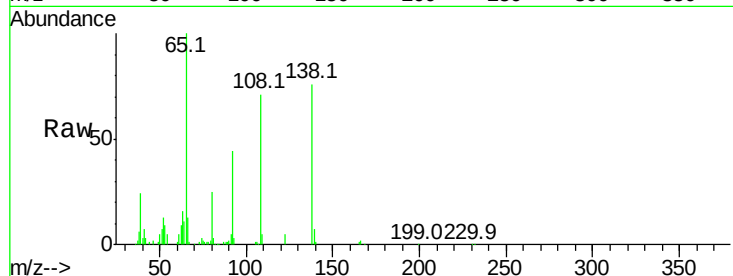
ClientSampled :

PB102674BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 58.3  | 44.2  | 84.2   |
| 108     | 93.1  | 104.8 | 144.8# |

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#62

Azobenzene

Concen: 44.479 ng

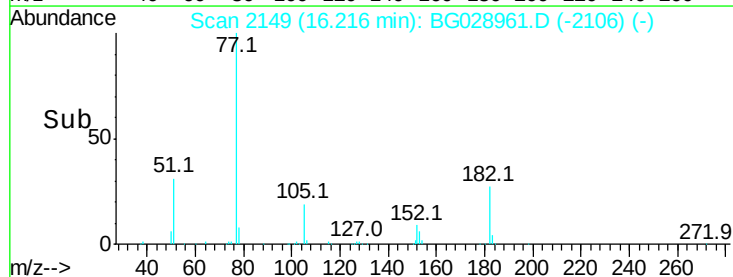
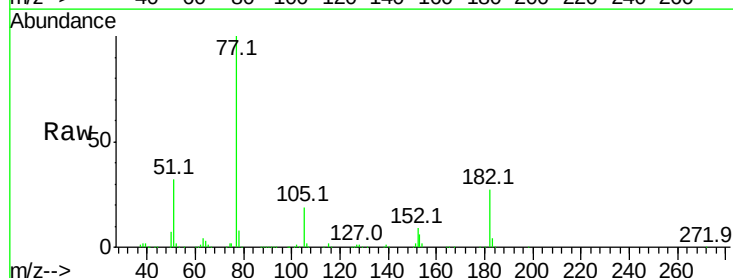
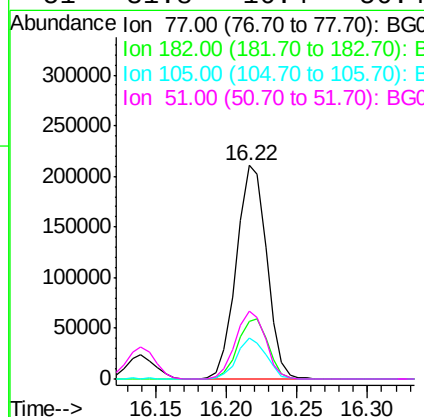
RT: 16.22 min Scan# 2149

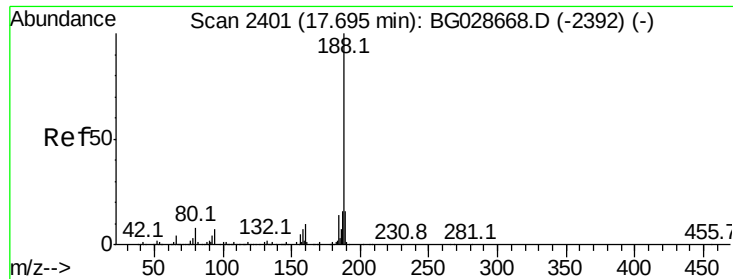
Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.8  | 4.7   | 44.7  |
| 105     | 18.9  | 0.0   | 36.3  |
| 51      | 31.8  | 16.4  | 56.4  |





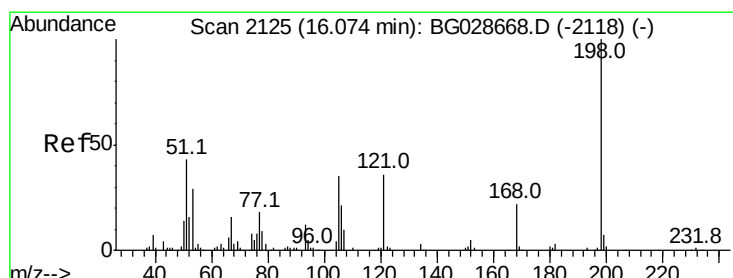
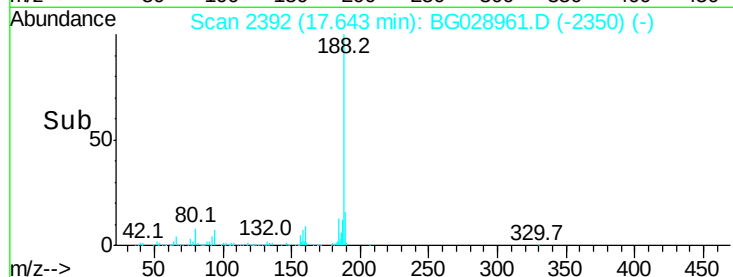
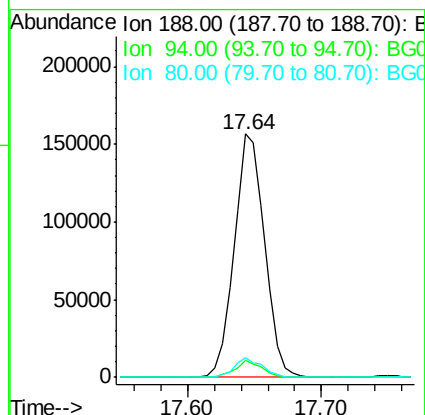
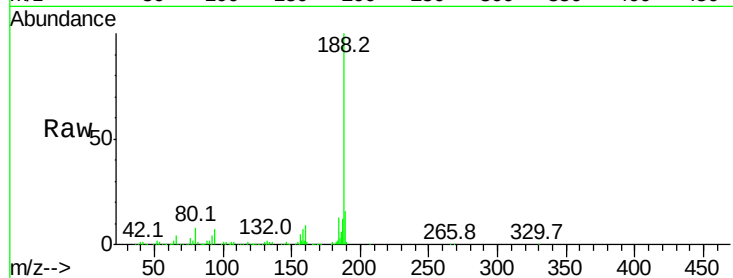
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.64 min Scan# 2392  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 7.0   | 5.8        | 8.8   |
| 80      | 8.1   | 7.5        | 11.3  |

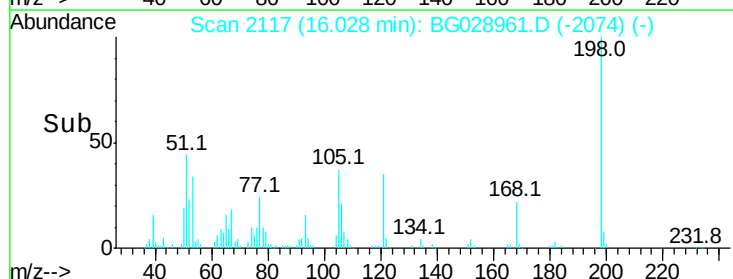
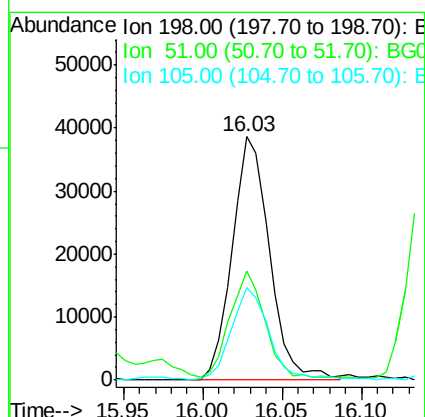
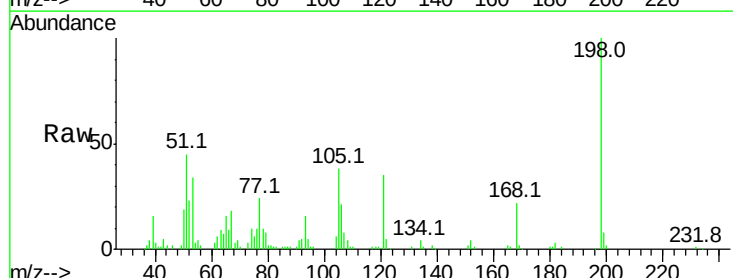
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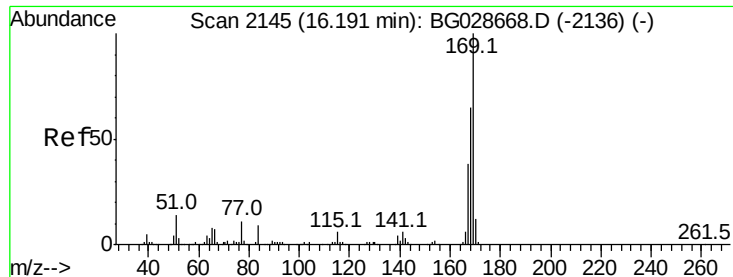
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 39.654 ng  
 RT: 16.03 min Scan# 2117  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 44.9  | 22.6       | 62.6  |
| 105     | 37.8  | 14.4       | 54.4  |





#65

n-Nitrosodiphenylamine

Concen: 40.481 ng

RT: 16.14 min Scan# 2136

Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

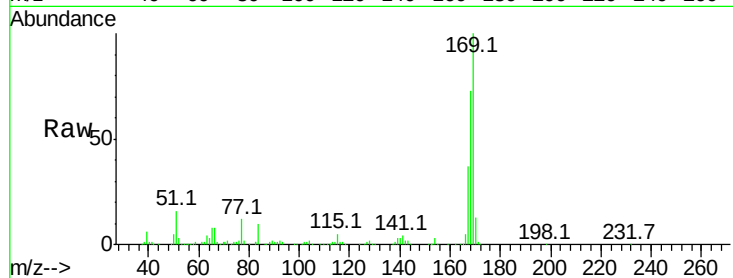
ClientSampled :

PB102674BS

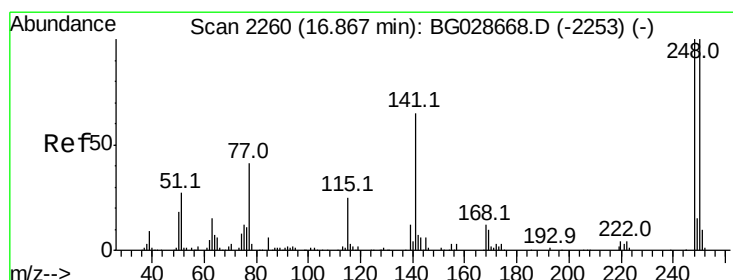
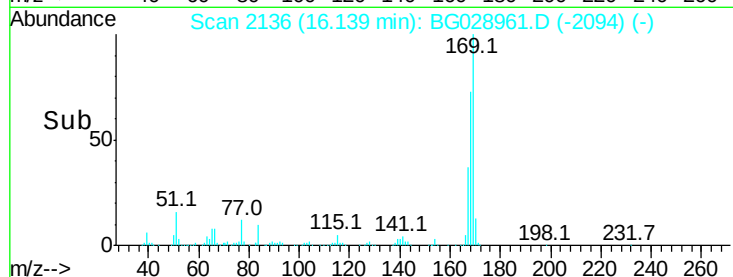
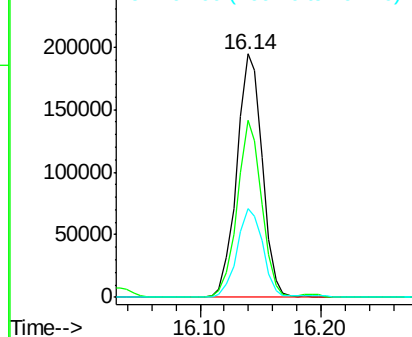
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 285770 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 72.7  | 55.7  | 83.5   |
| 167       | 36.6  | 29.8  | 44.6   |

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



#66

4-Bromophenyl-phenylether

Concen: 41.393 ng

RT: 16.82 min Scan# 2252

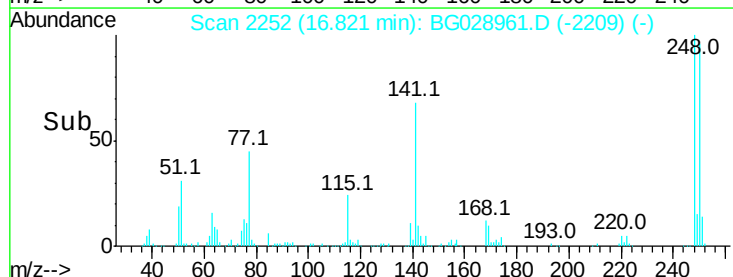
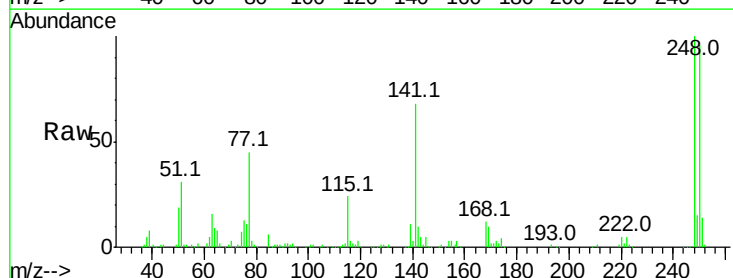
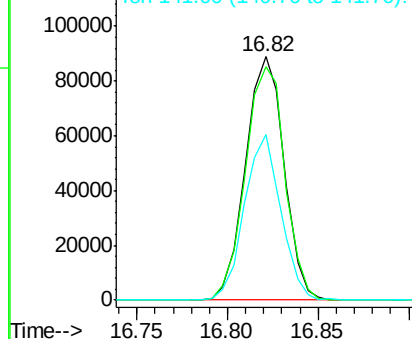
Delta R.T. -0.05 min

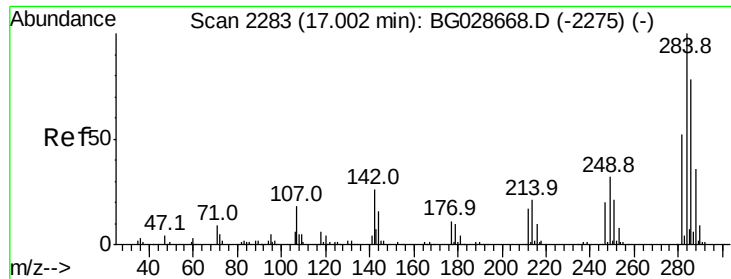
Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 131159 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 95.7  | 75.0  | 112.6  |
| 141       | 68.1  | 55.2  | 82.8   |

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





#67

Hexachlorobenzene

Concen: 37.777 ng

RT: 16.96 min Scan# 2275

Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

ClientSampleId :

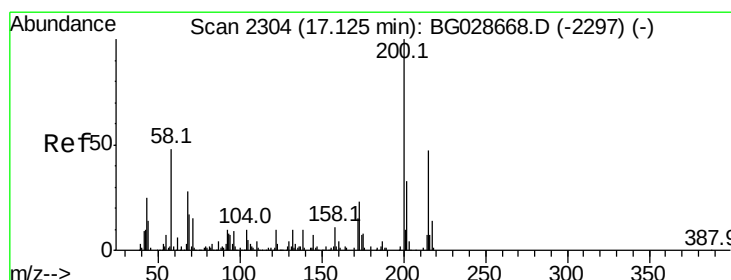
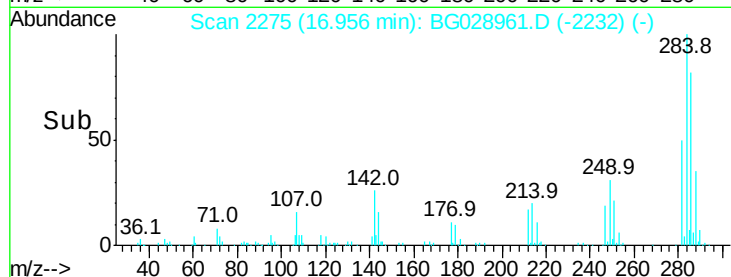
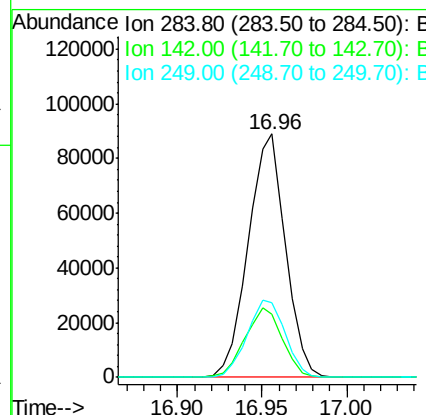
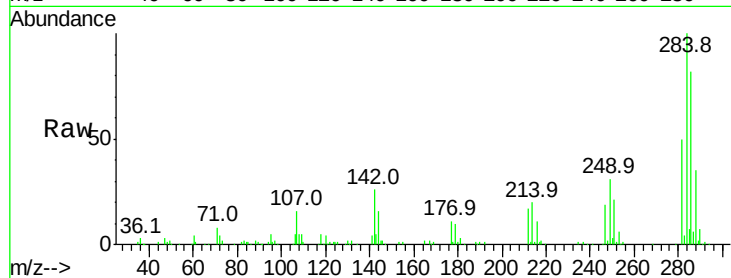
PB102674BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 136237 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 26.1 | 29.9  | 44.9#  |
| 249       | 30.9 | 29.2  | 43.8   |

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#68

Atrazine

Concen: 39.551 ng

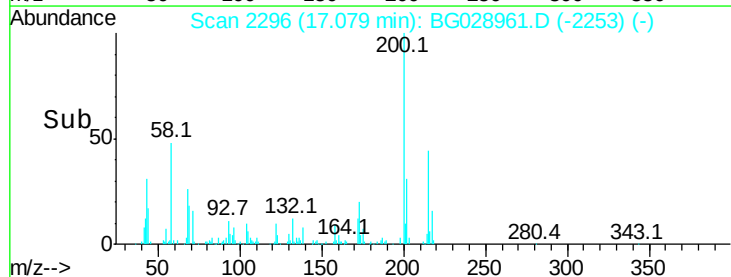
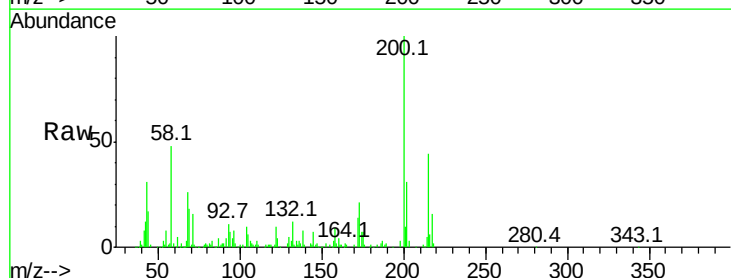
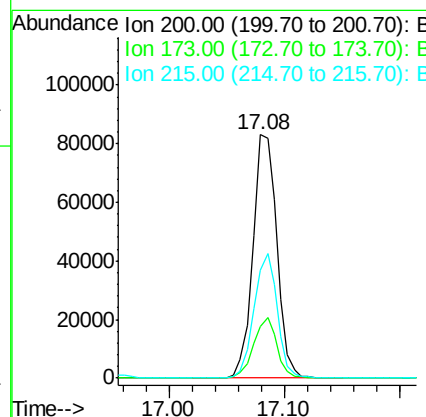
RT: 17.08 min Scan# 2296

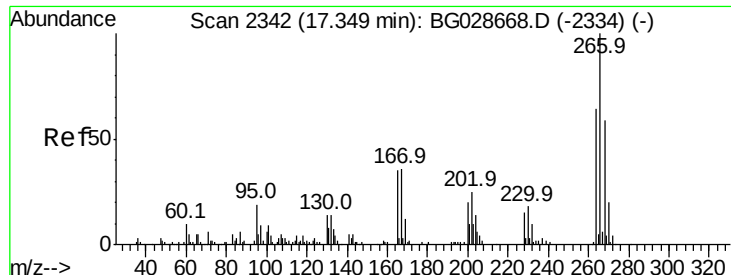
Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 119880 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 21.1 | 3.0   | 43.0   |
| 215       | 44.2 | 28.4  | 68.4   |





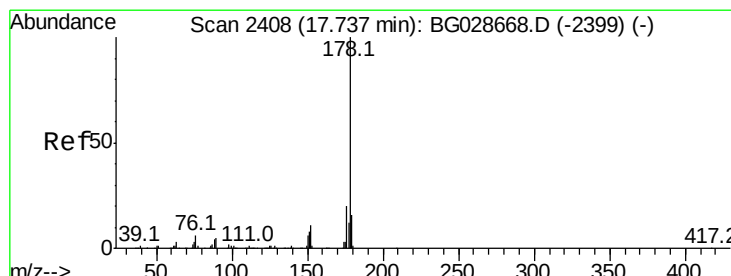
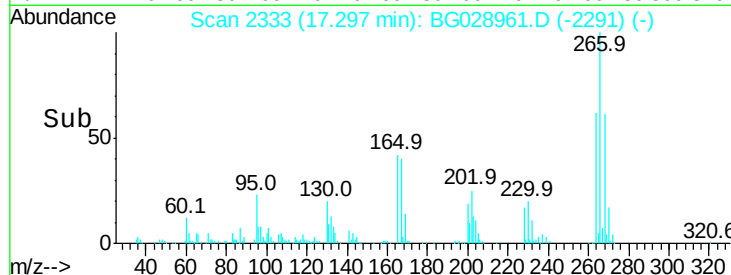
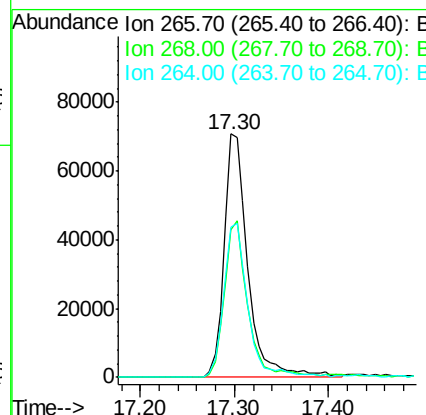
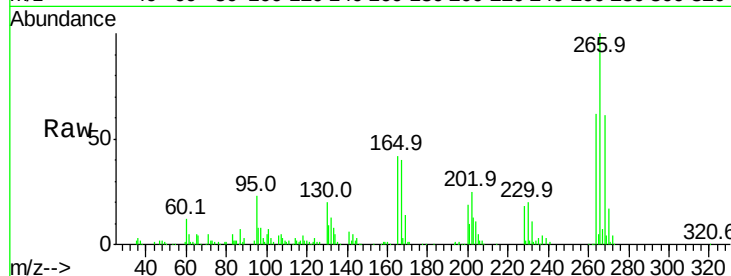
#69  
 Pentachlorophenol  
 Concen: 76.622 ng  
 RT: 17.30 min Scan# 2333  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 124850 |       |       |
| 268     | 60.6  | 48.6   | 72.8  |       |
| 264     | 61.7  | 50.1   | 75.1  |       |

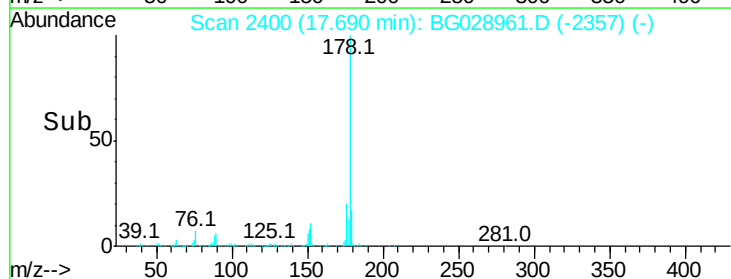
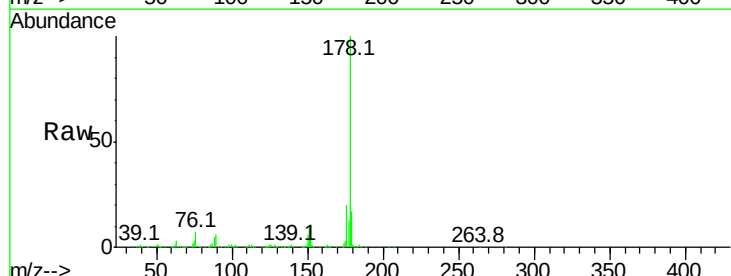
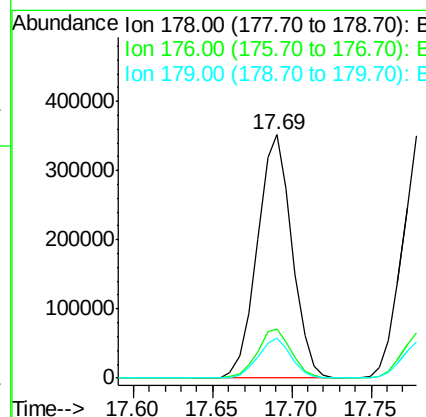
Manual Integrations  
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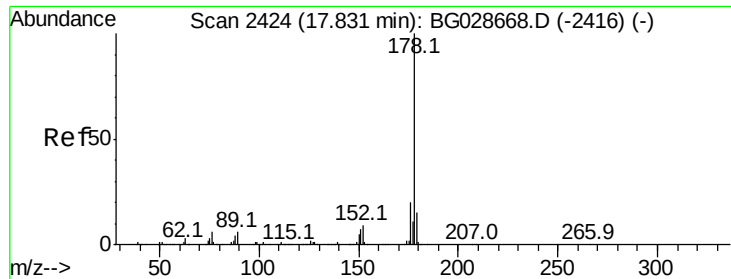
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#70  
 Phenanthrene  
 Concen: 42.399 ng  
 RT: 17.69 min Scan# 2400  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 533932 |       |       |
| 176     | 20.2  | 17.7   | 26.5  |       |
| 179     | 16.7  | 15.0   | 22.6  |       |





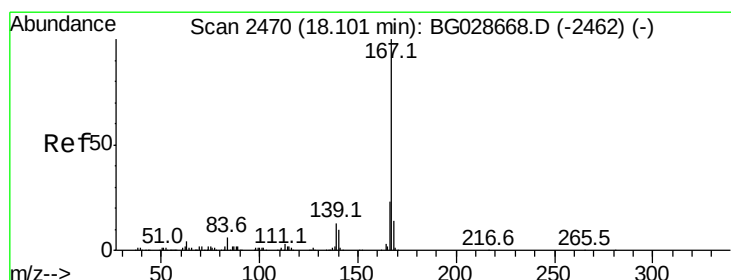
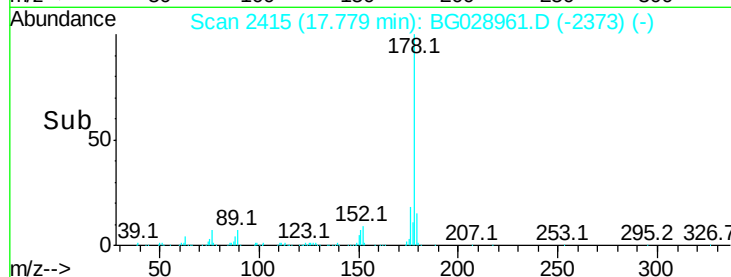
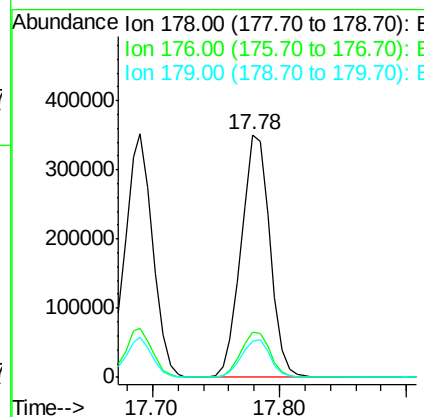
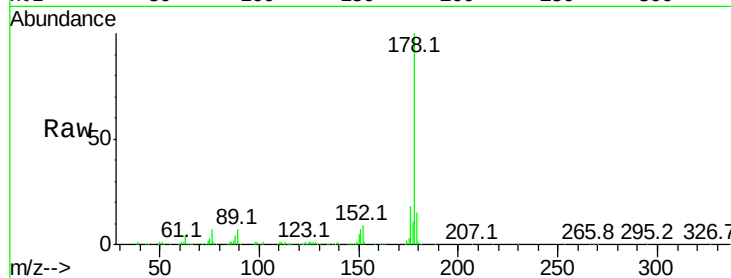
#71  
 Anthracene  
 Concen: 43.082 ng  
 RT: 17.78 min Scan# 2415  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 548050 |       |       |
| 176     | 18.4  |        | 16.4  | 24.6  |
| 179     | 15.1  |        | 13.8  | 20.8  |

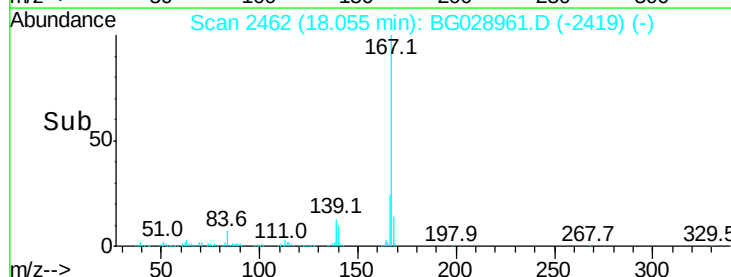
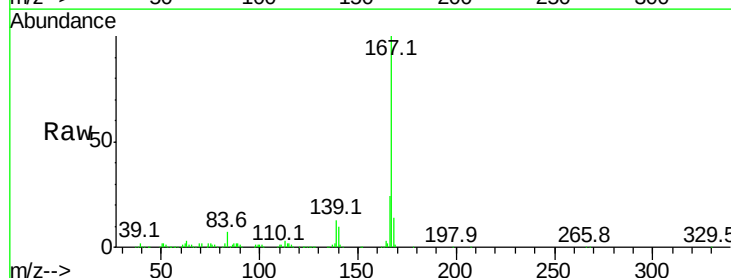
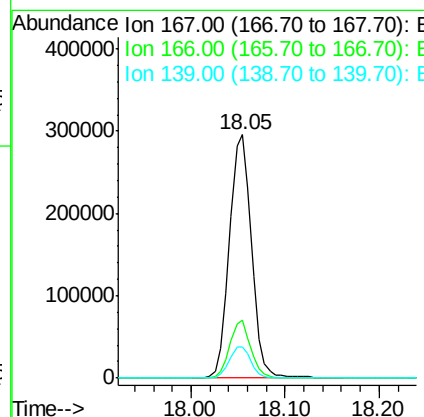
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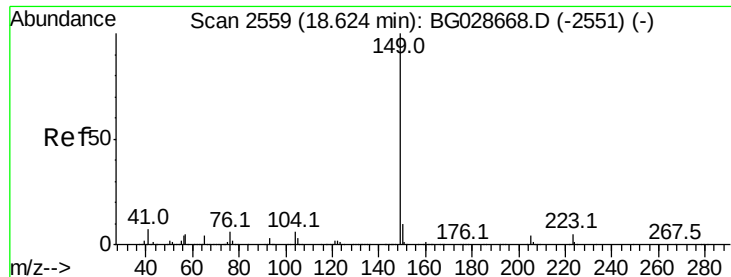


#72  
 Carbazole  
 Concen: 42.241 ng  
 RT: 18.05 min Scan# 2462  
 Delta R.T. -0.05 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 483957 |       |       |
| 166     | 24.0  |        | 20.2  | 30.2  |
| 139     | 12.9  |        | 12.8  | 19.2  |







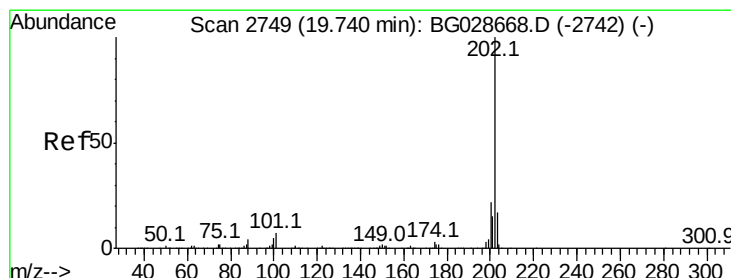
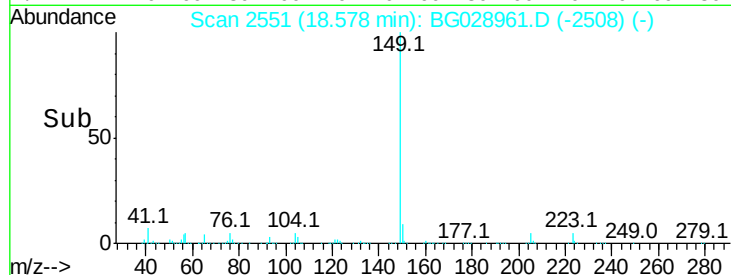
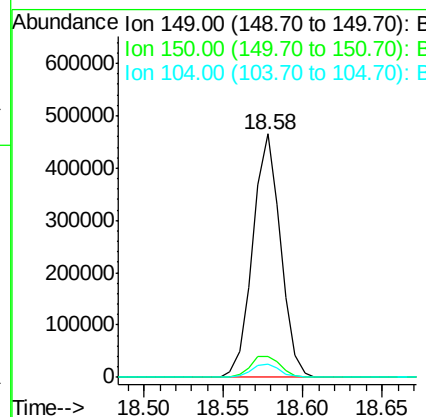
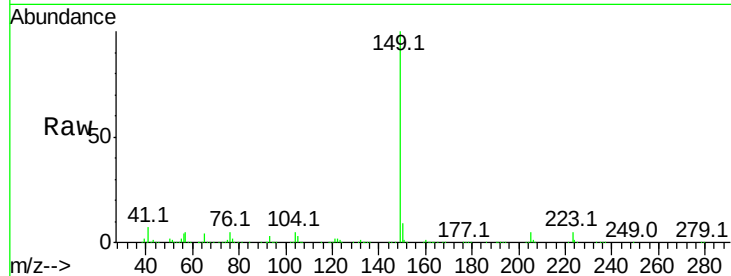
#73  
Di-n-butylphthalate  
Concen: 40.317 ng  
RT: 18.58 min Scan# 2551  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 150     | 8.8   | 9.1        | 13.7# |
| 104     | 5.4   | 6.7        | 10.1# |

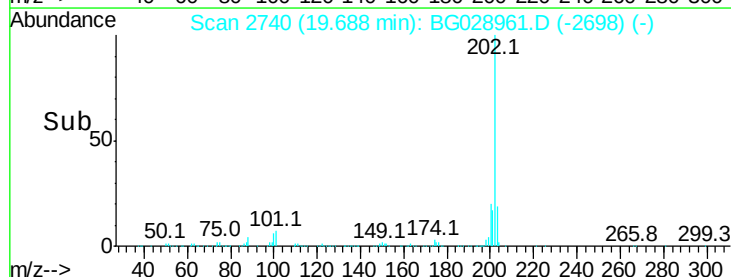
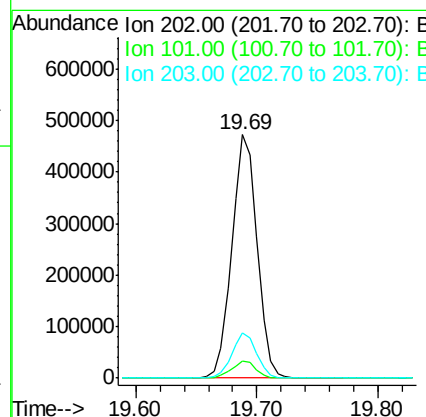
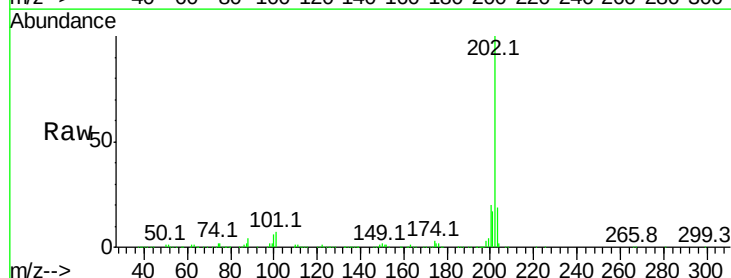
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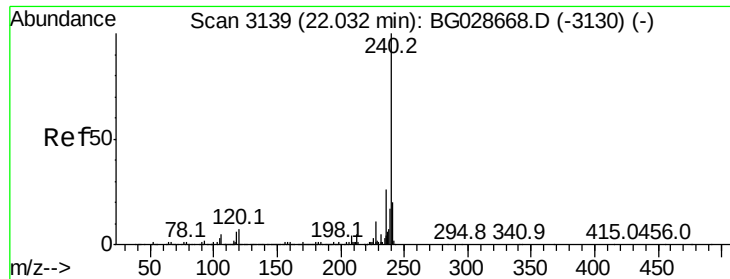
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#74  
Fluoranthene  
Concen: 44.397 ng  
RT: 19.69 min Scan# 2740  
Delta R.T. -0.05 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 6.8   | 0.0        | 30.1  |
| 203     | 18.7  | 1.3        | 41.3  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

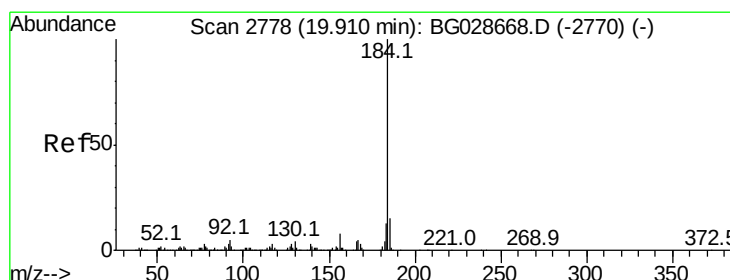
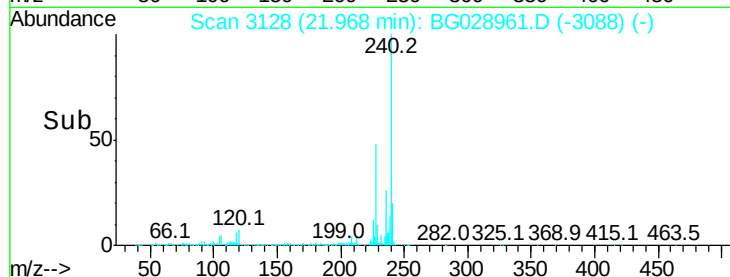
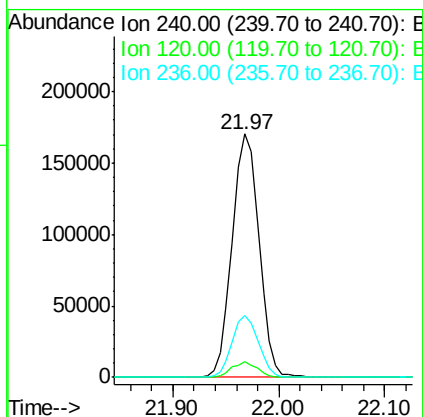
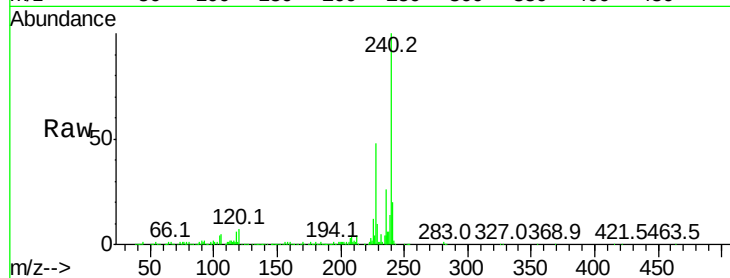
ClientSampleId :

PB102674BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 299176 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 6.5   | 5.7   | 8.5    |
| 236       | 25.6  | 22.2  | 33.4   |

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#76

Benzidine

Concen: 45.394 ng

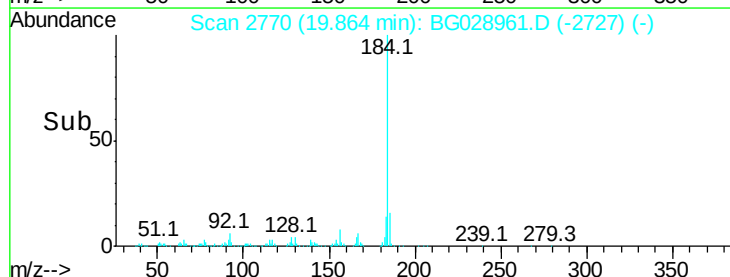
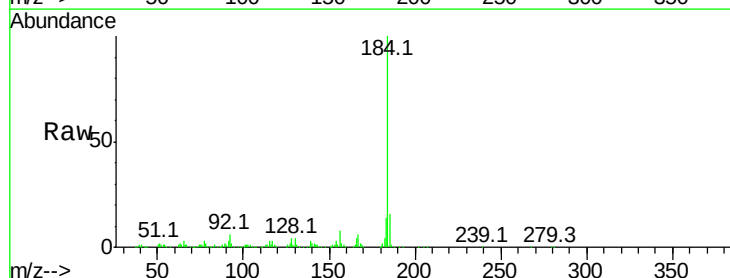
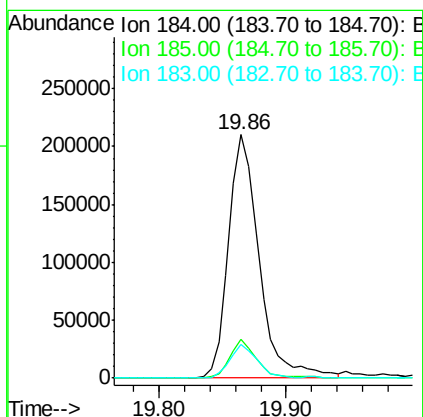
RT: 19.86 min Scan# 2770

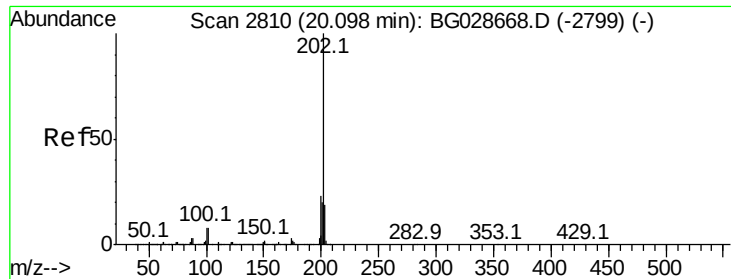
Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 352179 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 16.2  | 13.0  | 19.6   |
| 183       | 13.7  | 11.0  | 16.6   |





#77

Pvrene

Concen: 40.883 ng

RT: 20.05 min Scan# 2802

Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

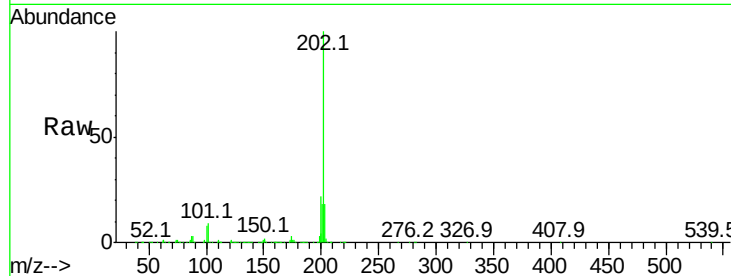
ClientSampleId :

PB102674BS

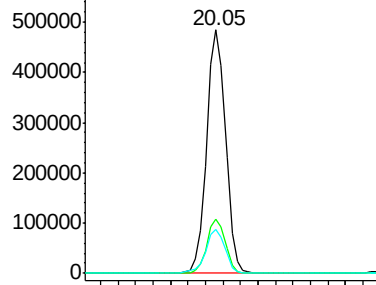
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 705498 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 22.4 | 19.6  | 29.4   |
| 203       | 18.0 | 15.8  | 23.8   |

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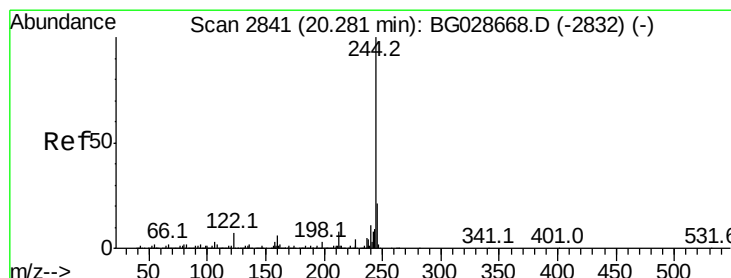
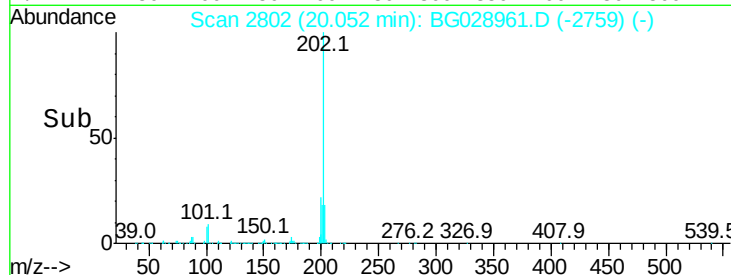
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 76.327 ng

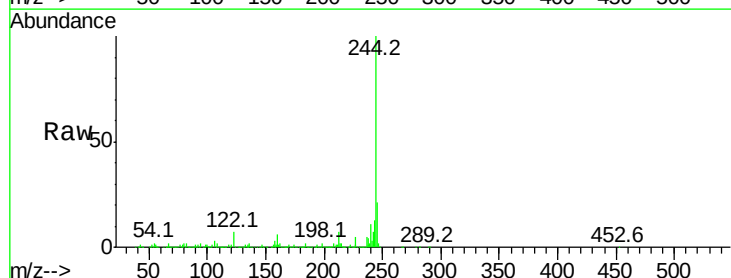
RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

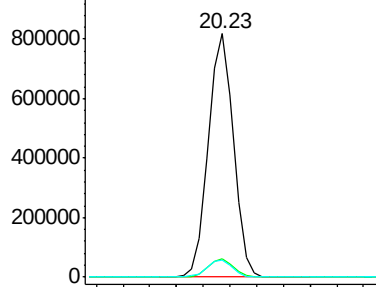
Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

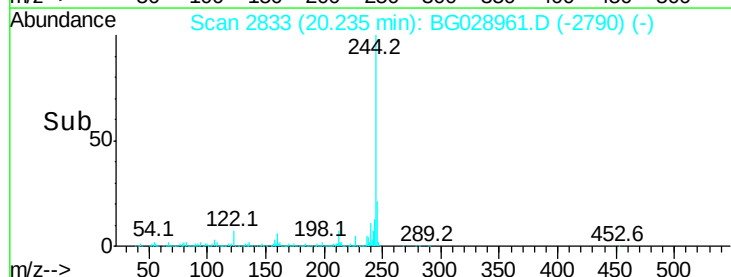
|           |     |       |         |
|-----------|-----|-------|---------|
| Tgt Ion:  | 244 | Resp: | 1070785 |
| Ion Ratio |     | Lower | Upper   |
| 244       | 100 |       |         |
| 212       | 7.4 | 10.0  | 15.0#   |
| 122       | 7.2 | 8.6   | 12.8#   |

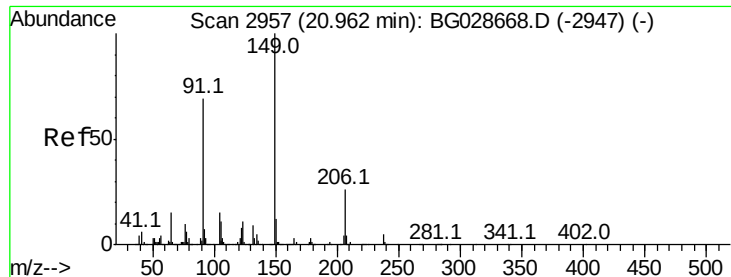


Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 39.041 ng

RT: 20.92 min Scan# 2949

Delta R.T. -0.05 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

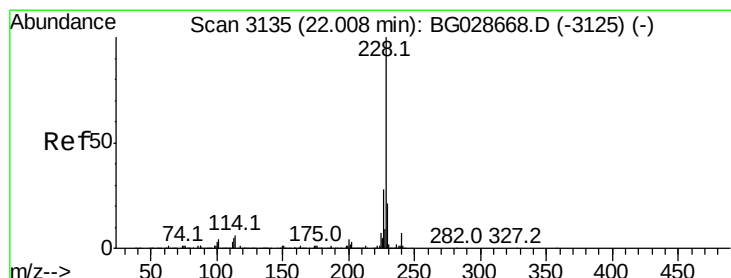
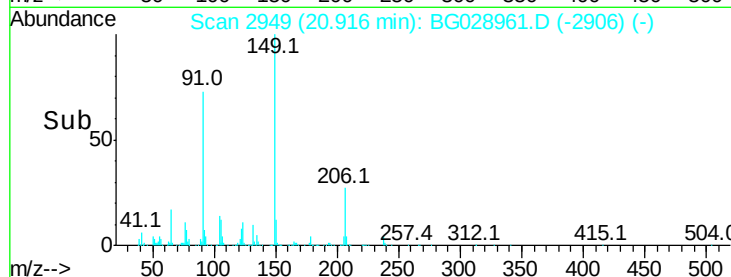
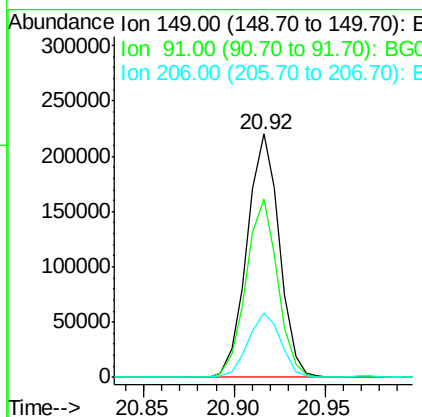
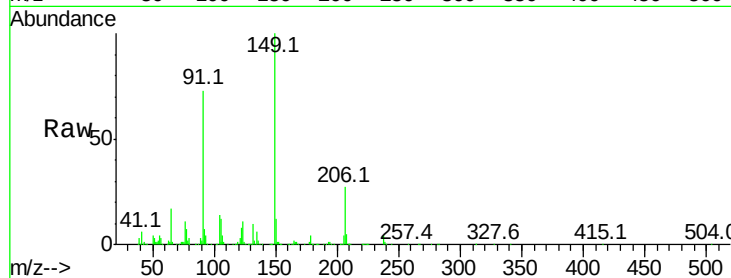
ClientSampleId :

PB102674BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 272091 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 73.1  | 63.5  | 95.3   |
| 206       | 26.6  | 21.0  | 31.6   |

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#80

Benzo(a)anthracene

Concen: 41.427 ng

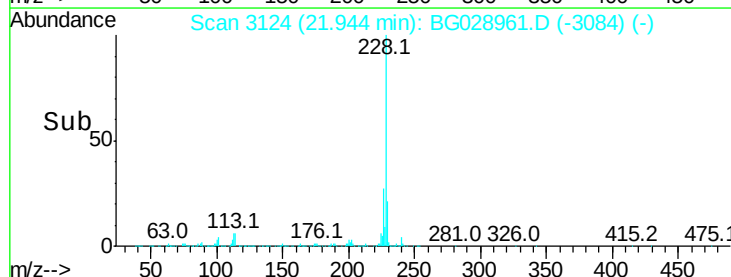
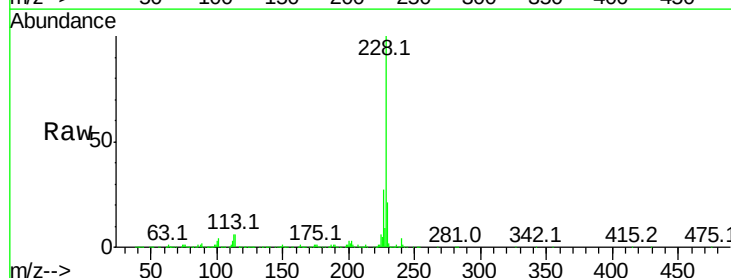
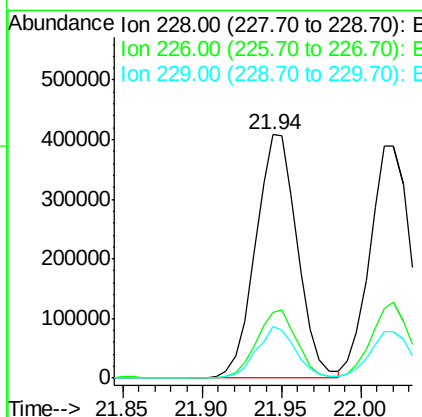
RT: 21.94 min Scan# 3124

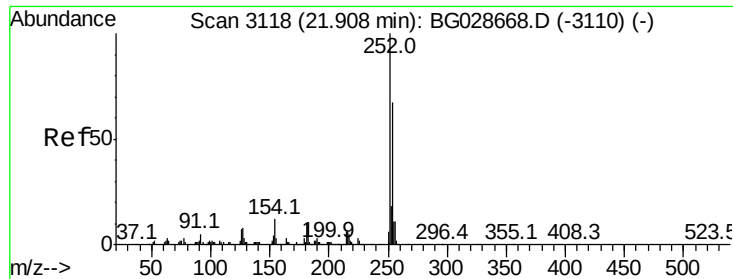
Delta R.T. -0.06 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 746026 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.2  | 24.9  | 37.3   |
| 229       | 21.3  | 18.2  | 27.2   |





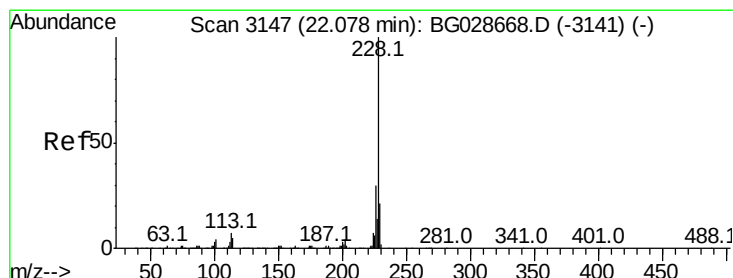
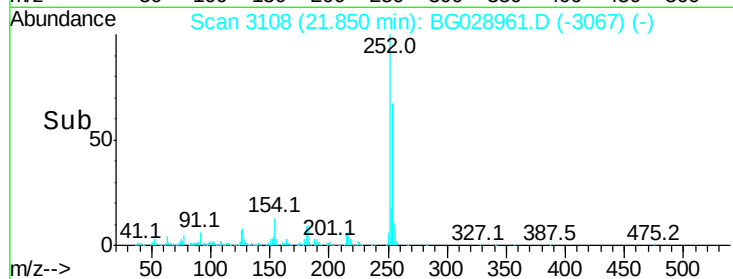
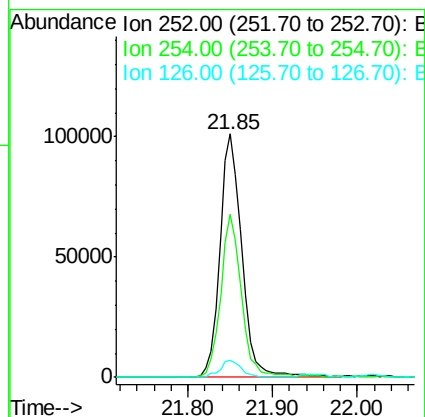
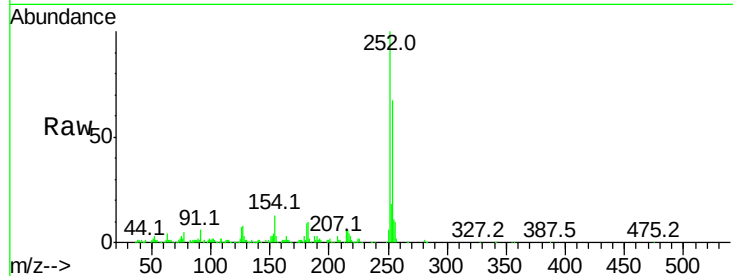
#81  
 3,3'-Dichlorobenzidine  
 Concen: 25.184 ng  
 RT: 21.85 min Scan# 3108  
 Delta R.T. -0.06 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB102674BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 183877 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 67.1  | 53.1  | 79.7   |
| 126       | 6.9   | 7.0   | 10.4   |

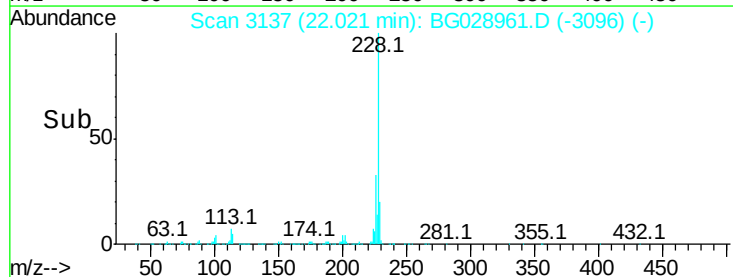
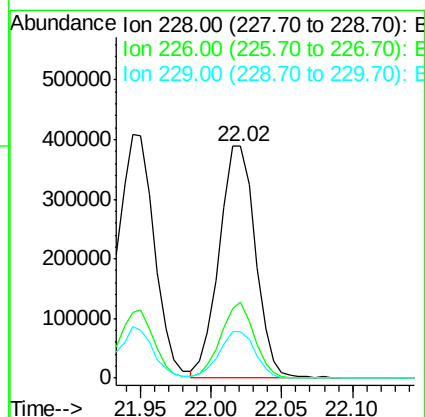
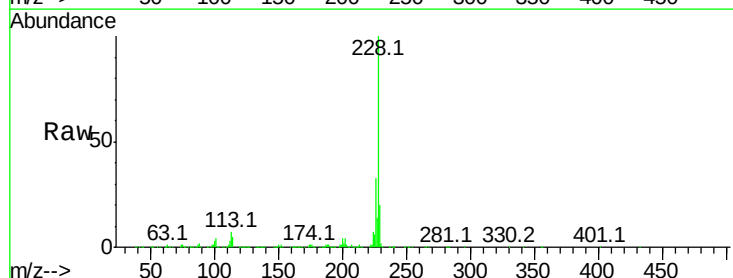
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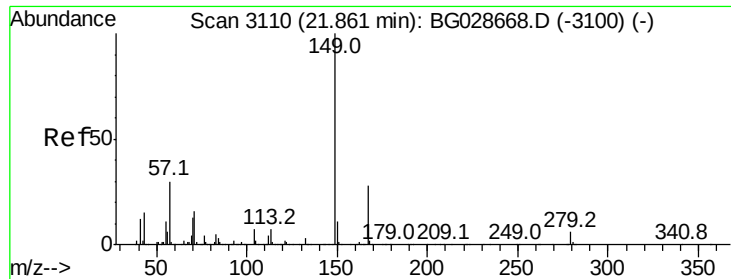
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#82  
 Chrysene  
 Concen: 40.511 ng  
 RT: 22.02 min Scan# 3137  
 Delta R.T. -0.06 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 692207 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 32.7  | 27.0  | 40.4   |
| 229       | 19.9  | 17.8  | 26.6   |





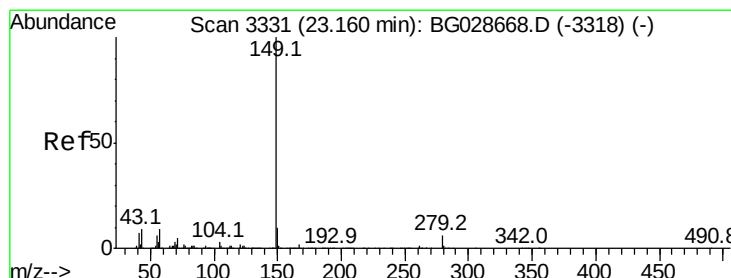
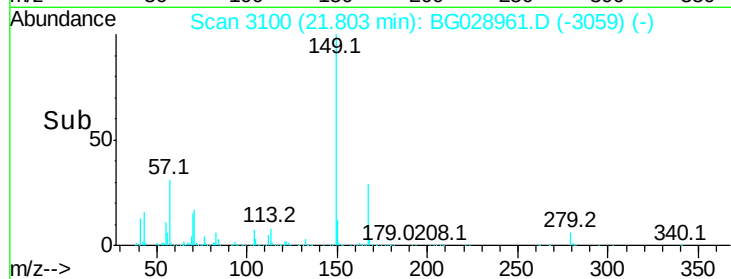
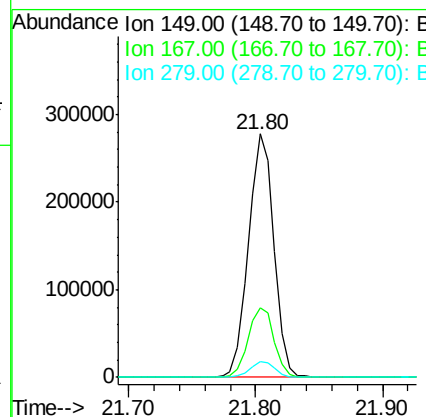
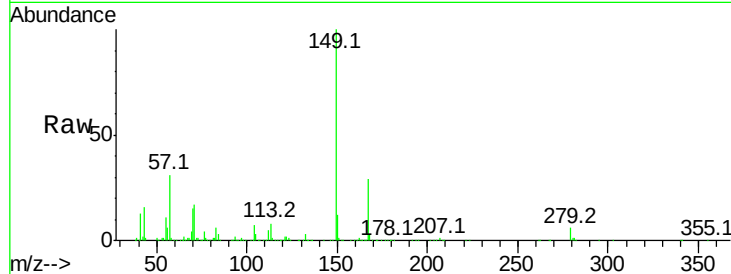
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 38.984 ng  
 RT: 21.80 min Scan# 3100  
 Delta R.T. -0.06 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 28.5  | 23.7 | 35.5  |       |
| 279     | 6.2   | 4.6  | 6.8   |       |

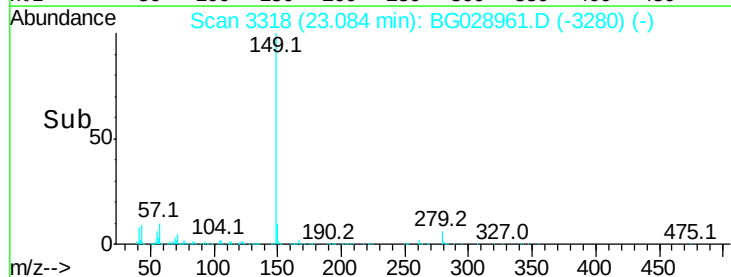
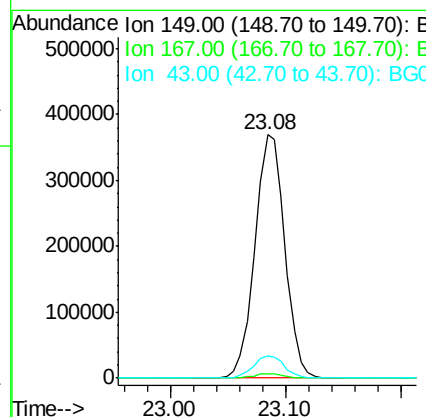
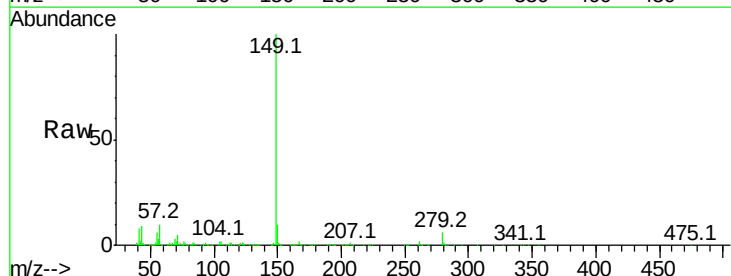
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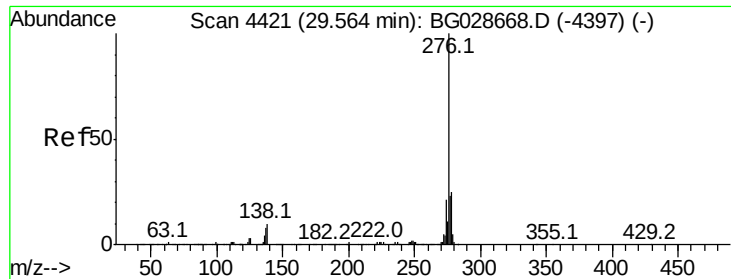
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#84  
 Di-n-octyl phthalate  
 Concen: 38.426 ng  
 RT: 23.08 min Scan# 3318  
 Delta R.T. -0.08 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 1.8   | 1.4  | 2.2   |       |
| 43      | 9.3   | 11.8 | 17.6  |       |





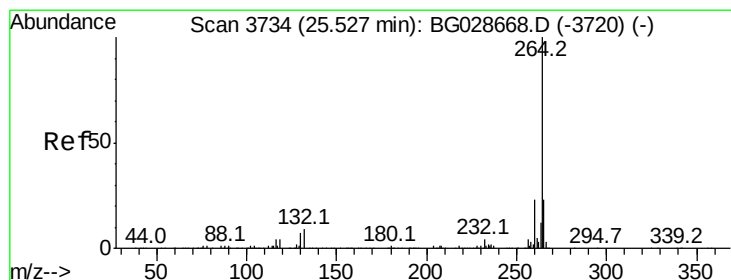
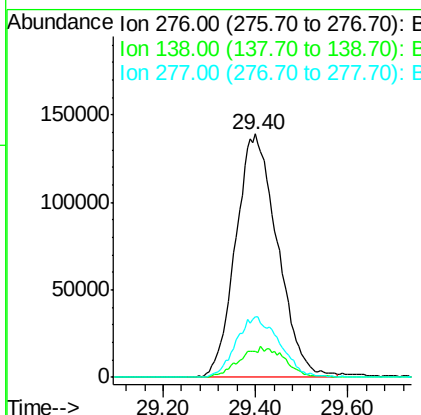
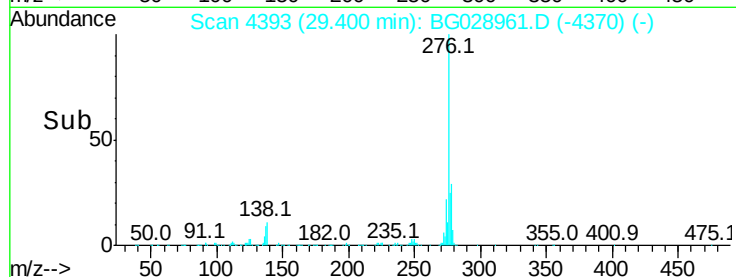
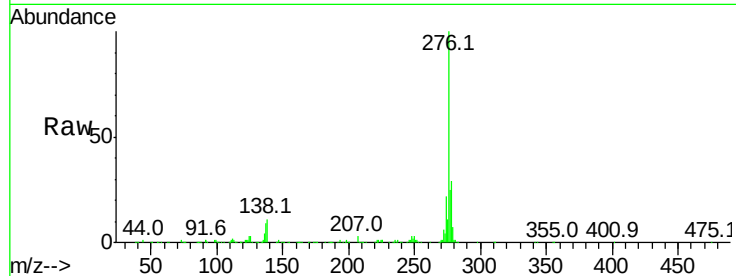
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.829 ng  
 RT: 29.40 min Scan# 4393  
 Delta R.T. -0.16 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 4.8   | 4.7   | 7.1   |
| 277     | 25.7  | 20.6  | 31.0  |

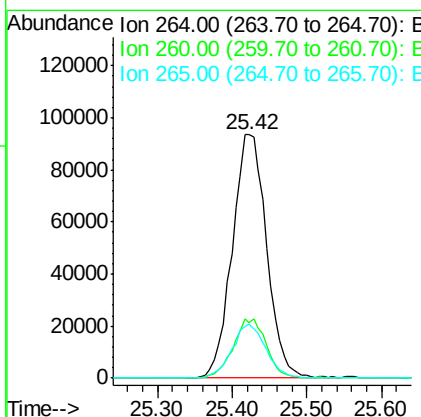
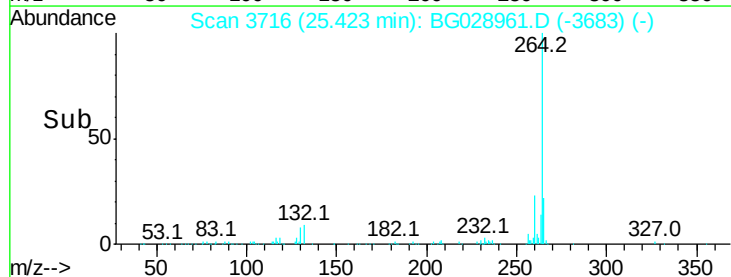
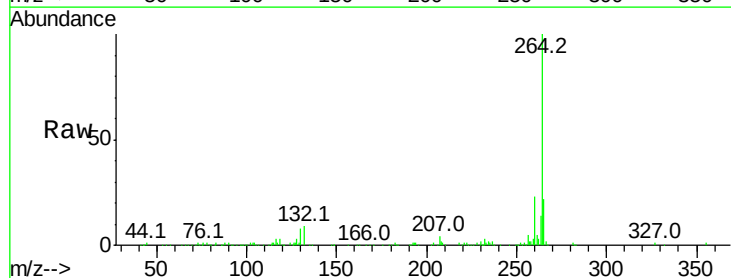
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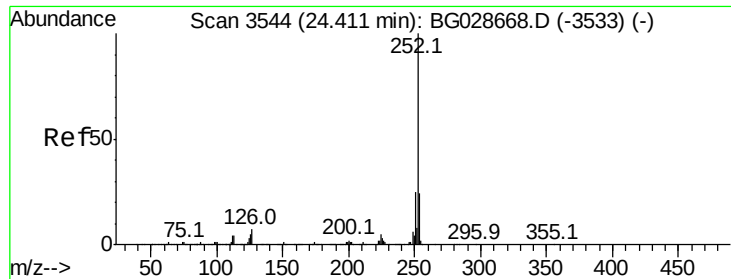
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.42 min Scan# 3716  
 Delta R.T. -0.10 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 21.8  | 32.8  |
| 265     | 22.0  | 18.2  | 27.4  |





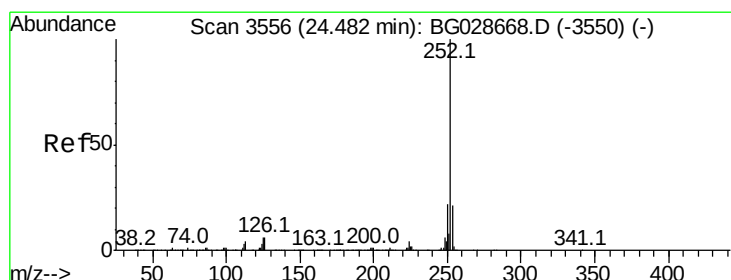
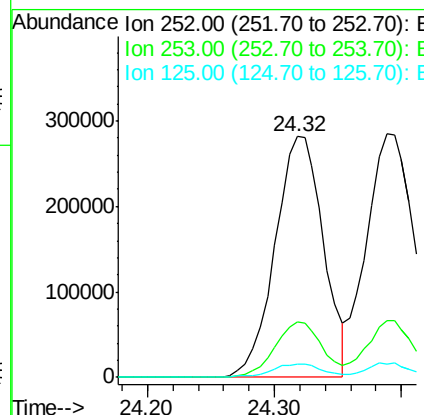
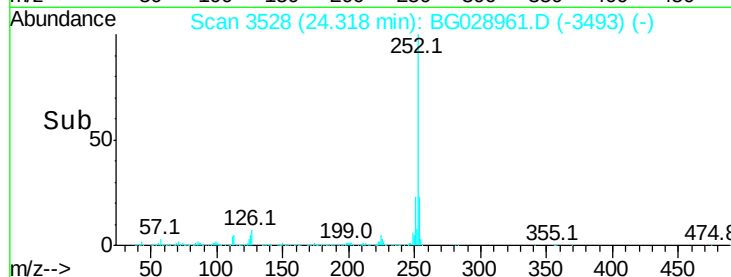
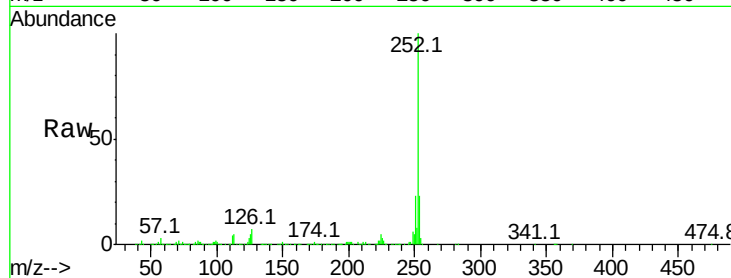
#87  
Benzo(b)fluoranthene  
Concen: 41.669 ng  
RT: 24.32 min Scan# 3528  
Delta R.T. -0.09 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

Instrument :  
BNA\_G  
ClientSampleId :  
PB102674BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 18.7  | 28.1  |
| 125     | 5.4   | 5.3   | 7.9   |

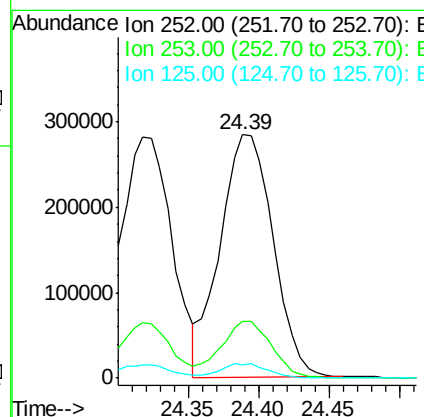
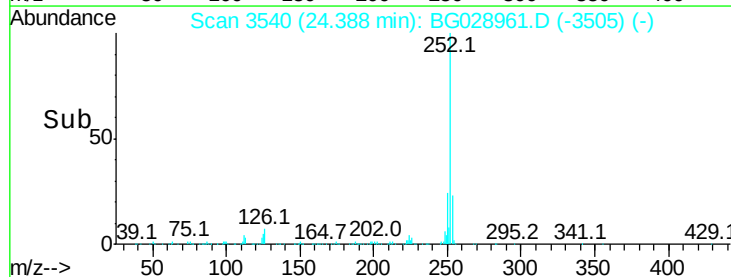
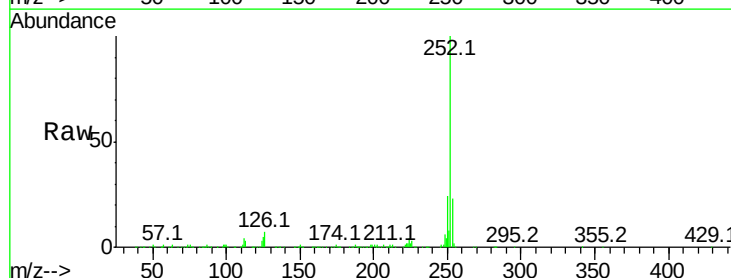
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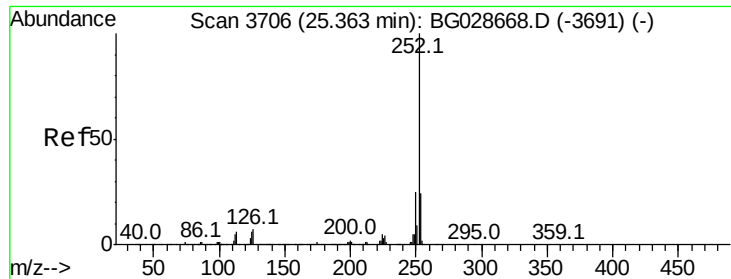


#88  
Benzo(k)fluoranthene  
Concen: 41.411 ng  
RT: 24.39 min Scan# 3540  
Delta R.T. -0.09 min  
Lab File: BG028961.D  
Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 20.2  | 30.2  |
| 125     | 5.5   | 5.1   | 7.7   |







#89

Benzo(a)pyrene

Concen: 42.980 ng

RT: 25.26 min Scan# 3689

Delta R.T. -0.10 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

Instrument :

BNA\_G

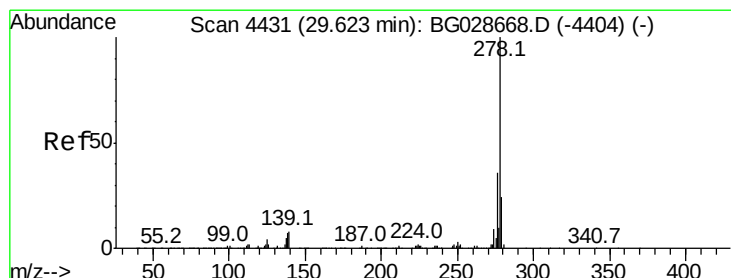
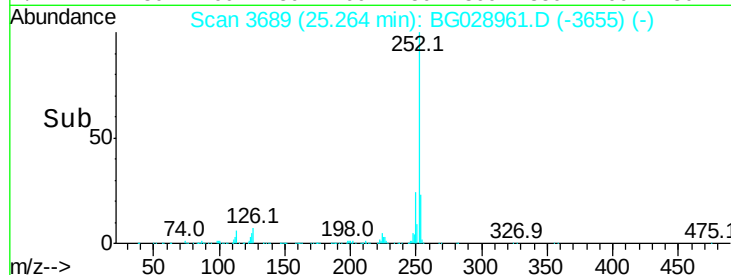
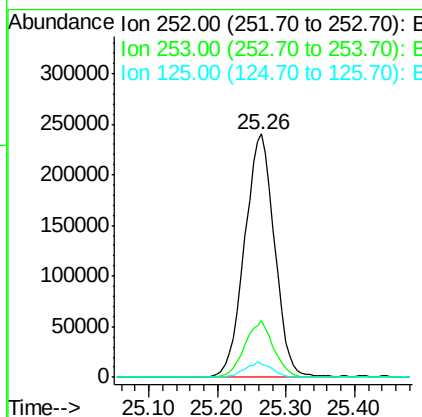
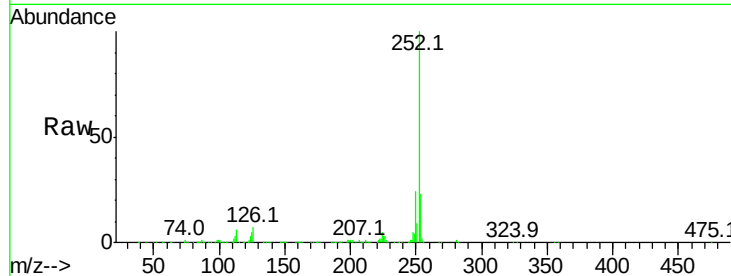
ClientSampleId :

PB102674BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 19.2  | 28.8  |
| 125     | 5.3   | 5.4   | 8.0#  |

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#90

Dibenzo(a,h)anthracene

Concen: 41.048 ng

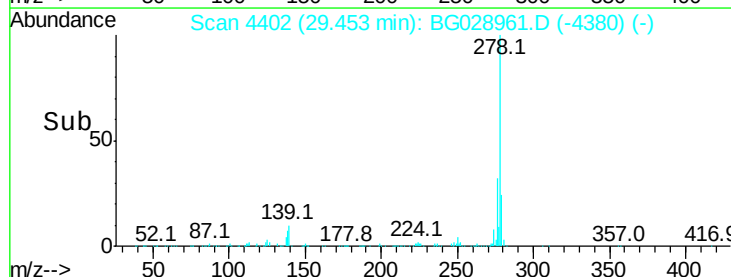
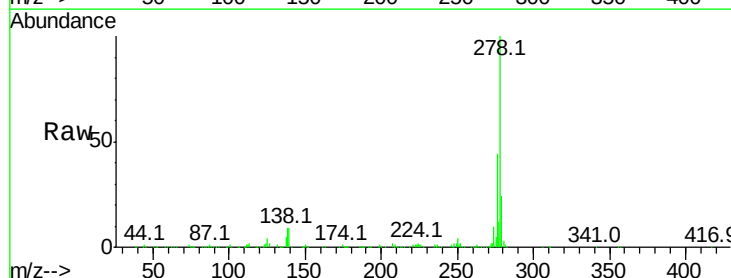
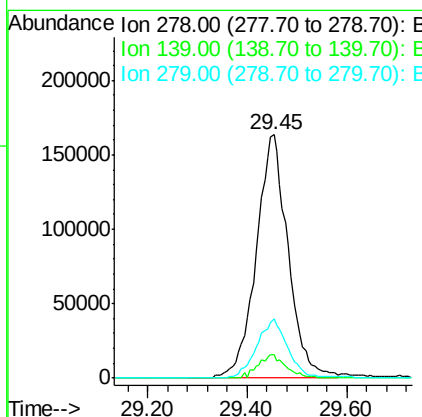
RT: 29.45 min Scan# 4402

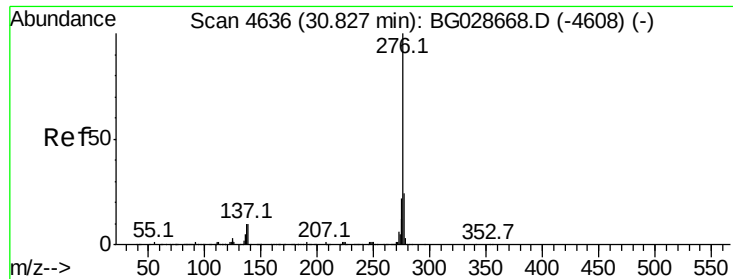
Delta R.T. -0.17 min

Lab File: BG028961.D

Acq: 28 Sep 2017 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.5   | 7.7   | 11.5  |
| 279     | 24.1  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 41.674 ng  
 RT: 30.63 min Scan# 4603  
 Delta R.T. -0.19 min  
 Lab File: BG028961.D  
 Acq: 28 Sep 2017 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102674BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 21.3  | 18.6  | 27.8  |
| 138     | 10.7  | 8.1   | 12.1  |

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