

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\  
 Data File : BG039267.D  
 Acq On : 23 Jan 2019 17:30  
 Operator : JU/SJ  
 Sample : IDOC-W-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 IDOC-W-04

Manual Integrations  
 APPROVED

Sohil  
 1/24/2019 12:16:08 PM

Quant Time: Jan 24 00:24:51 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 15823    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 75218    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.65 | 164  | 42684    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 112909   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.67 | 240  | 117112   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.93 | 264  | 122067   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 123820 | 148.44 | ng | 0.00 |
| 7) Phenol-d6             | 7.17  | 99  | 171532 | 142.90 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.18  | 82  | 102274 | 74.40  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.14 | 330 | 94005  | 131.38 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.27 | 172 | 248078 | 79.54  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.00 | 244 | 553893 | 87.49  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 12443  | 38.094 | ng | # 81   |
| 3) Pyridine                    | 3.84  | 79  | 36435  | 41.051 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.77  | 42  | 18191  | 45.547 | ng | 91     |
| 6) Aniline                     | 7.33  | 93  | 44877  | 31.129 | ng | 97     |
| 8) 2-Chlorophenol              | 7.57  | 128 | 46309  | 47.098 | ng | 95     |
| 9) Benzaldehyde                | 7.15  | 77  | 11225  | 16.215 | ng | 97     |
| 10) Phenol                     | 7.20  | 94  | 57655  | 47.906 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 37415  | 40.677 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 46265  | 39.273 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 48125  | 40.336 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 46656  | 41.014 | ng | 97     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 39936  | 44.177 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 72916  | 41.341 | ng | 99     |
| 17) 2-Methylphenol             | 8.45  | 107 | 39446  | 47.203 | ng | 98     |
| 18) Hexachloroethane           | 9.08  | 117 | 16611  | 40.981 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 30857  | 39.145 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.78  | 107 | 54134  | 45.435 | ng | 98     |
| 22) Acetophenone               | 8.84  | 105 | 65410  | 33.299 | ng | 100    |
| 24) Nitrobenzene               | 9.23  | 77  | 49090  | 35.331 | ng | 98     |
| 25) Isophorone                 | 9.74  | 82  | 89627  | 37.852 | ng | 97     |
| 26) 2-Nitrophenol              | 9.94  | 139 | 26323  | 35.026 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 46116  | 43.617 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 52135  | 36.635 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 51619  | 39.298 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180 | 52770  | 33.436 | ng | 95     |
| 31) Naphthalene                | 10.87 | 128 | 150260 | 39.830 | ng | 97     |
| 32) Benzoic acid               | 10.17 | 122 | 16356m | 29.649 | ng |        |
| 33) 4-Chloroaniline            | 10.99 | 127 | 32788  | 19.424 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.13 | 225 | 36729  | 33.822 | ng | 95     |
| 35) Caprolactam                | 11.78 | 113 | 16849m | 31.989 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 52090  | 37.078 | ng | 88     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 99160  | 35.059 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 92443  | 34.051 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216 | 63481  | 39.601 | ng | 99     |

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 Misc :  
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Instrument :  
 BNA\_G  
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 IDOC-W-04

Manual Integrations  
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Quant Time: Jan 24 00:24:51 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.80 | 237  | 70832    | 78.566 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 41970    | 41.599 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 46065    | 43.200 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.48 | 154  | 131060   | 38.750 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 107490   | 39.273 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 33235    | 43.344 | nq    | 99       |
| 49) Acenaphthylene             | 14.38 | 152  | 175711   | 42.712 | nq    | 99       |
| 50) Dimethylphthalate          | 14.10 | 163  | 145056   | 40.215 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.24 | 165  | 33088    | 41.030 | nq    | 98       |
| 52) Acenaphthene               | 14.71 | 154  | 100728   | 40.753 | nq    | 98       |
| 53) 3-Nitroaniline             | 14.57 | 138  | 22470    | 27.467 | nq    | 97       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 33035    | 69.290 | nq    | 92       |
| 55) Dibenzofuran               | 15.05 | 168  | 177511   | 40.664 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.88 | 139  | 48962    | 83.180 | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.02 | 165  | 48372    | 41.809 | nq    | 97       |
| 58) Fluorene                   | 15.70 | 166  | 143165   | 43.570 | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 42903    | 42.622 | nq    | 99       |
| 60) Diethylphthalate           | 15.45 | 149  | 150511   | 40.500 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.68 | 204  | 81851    | 39.540 | nq    | 98       |
| 62) 4-Nitroaniline             | 15.74 | 138  | 33863    | 39.735 | nq    | 96       |
| 63) Azobenzene                 | 15.97 | 77   | 117860   | 40.554 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 30369    | 36.305 | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.90 | 169  | 132774   | 39.667 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.58 | 248  | 55621    | 38.322 | nq    | 97       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 60799    | 38.389 | nq    | 98       |
| 69) Atrazine                   | 16.84 | 200  | 54818    | 38.552 | nq    | 95       |
| 70) Pentachlorophenol          | 17.05 | 266  | 53422    | 56.437 | nq    | 97       |
| 71) Phenanthrene               | 17.44 | 178  | 254377   | 42.623 | nq    | 98       |
| 72) Anthracene                 | 17.53 | 178  | 258546   | 43.816 | nq    | 100      |
| 73) Carbazole                  | 17.81 | 167  | 224127   | 38.476 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 269382   | 41.569 | nq    | 98       |
| 75) Fluoranthene               | 19.45 | 202  | 336161   | 45.437 | nq    | 100      |
| 77) Benzidine                  | 19.63 | 184  | 114715   | 32.025 | nq    | 99       |
| 78) Pyrene                     | 19.81 | 202  | 322228   | 43.174 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 120282   | 42.374 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.65 | 228  | 309771   | 43.451 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 75958    | 26.150 | nq    | 96       |
| 83) Chrysene                   | 21.71 | 228  | 285302   | 42.077 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.51 | 149  | 163266   | 41.423 | nq    | 94       |
| 85) Di-n-octyl phthalate       | 22.73 | 149  | 278333   | 41.763 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.67 | 276  | 382016   | 47.151 | nq    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.88 | 252  | 324562   | 48.221 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.95 | 252  | 313786   | 47.151 | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.78 | 252  | 297583   | 45.741 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.72 | 278  | 311886   | 48.197 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.84 | 276  | 294060   | 45.901 | nq    | 98       |

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

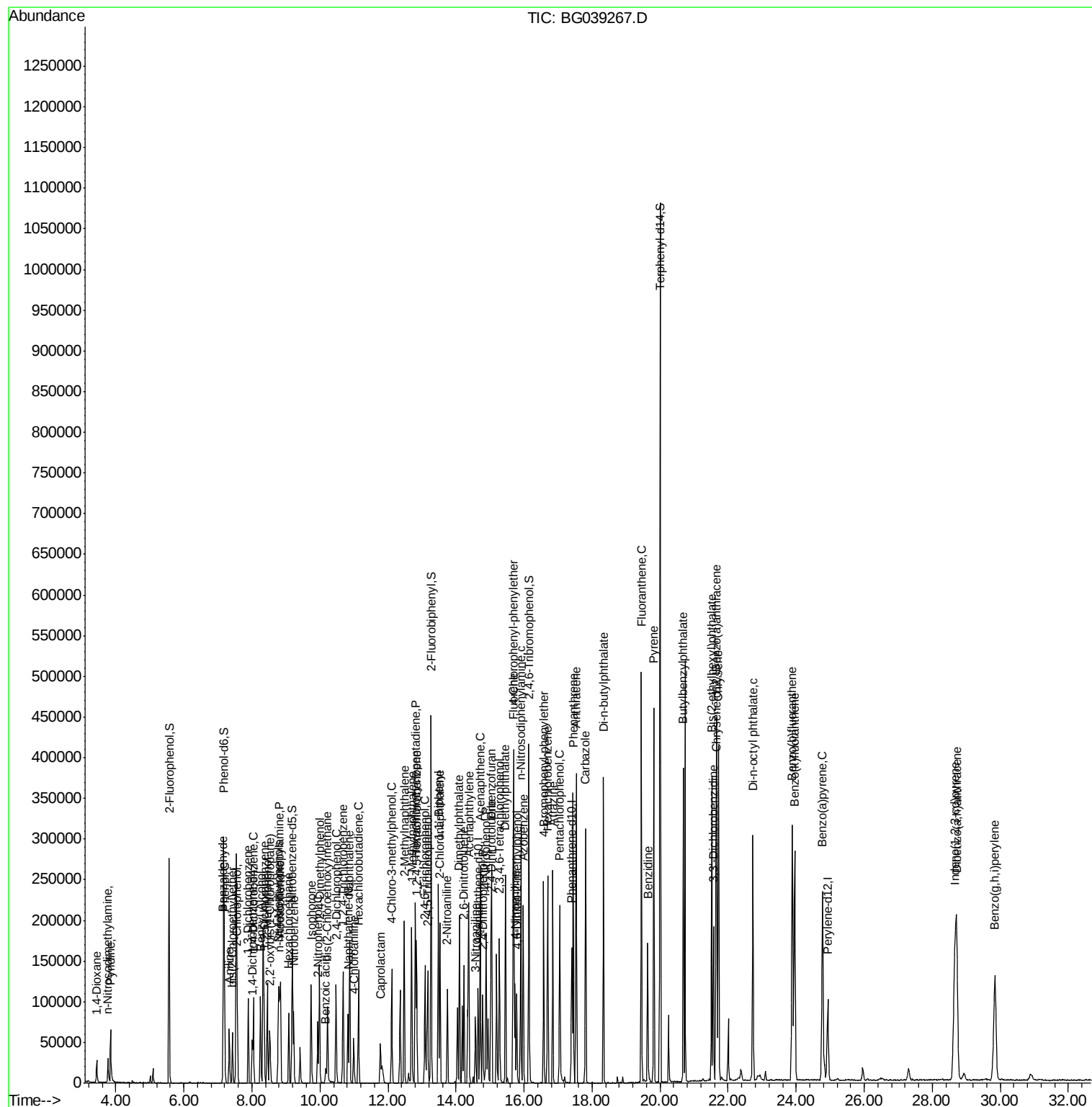
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\  
 Data File : BG039267.D  
 Acq On : 23 Jan 2019 17:30  
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 Sample : IDOC-W-04  
 Misc :  
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Instrument :  
 BNA\_G  
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 IDOC-W-04

Manual Integrations  
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#1

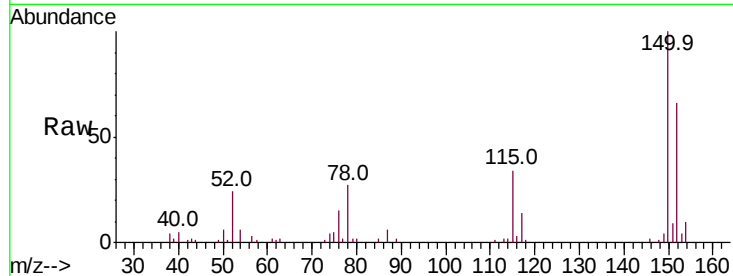
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 837  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.5 | 124.7 | 187.1 |
| 115     | 52.5  | 46.5  | 69.7  |

Manual Integrations  
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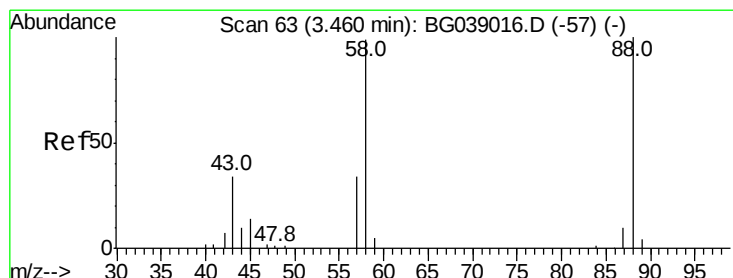
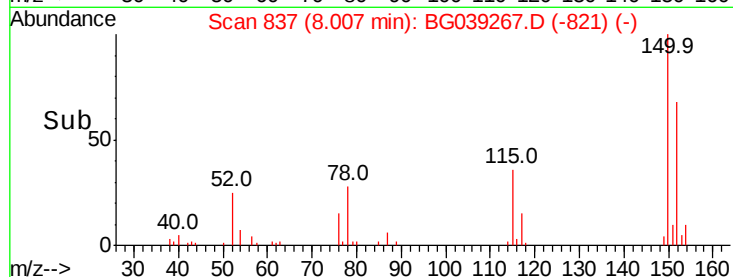
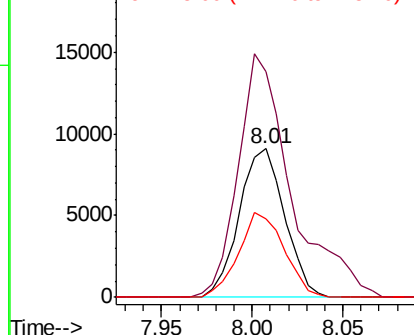


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

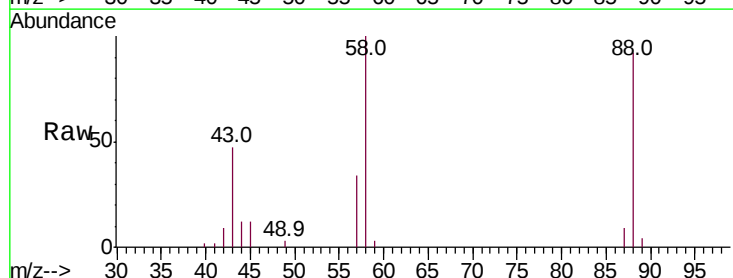
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 38.094 ng  
RT: 3.44 min Scan# 59  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 107.7 | 72.4  | 108.6 |
| 43      | 45.6  | 27.6  | 41.4  |

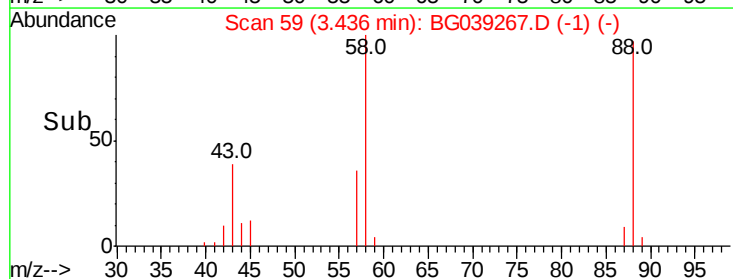
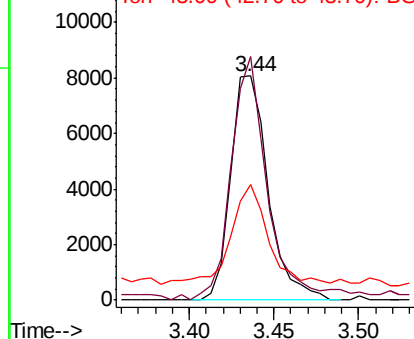


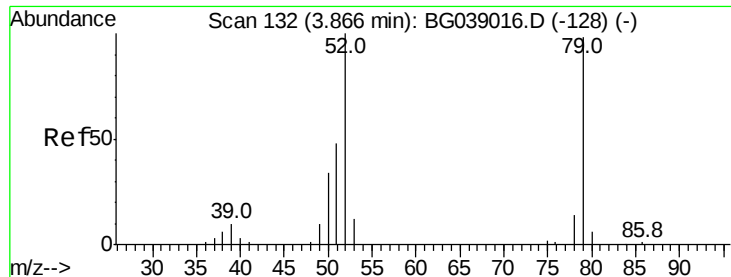
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.051 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

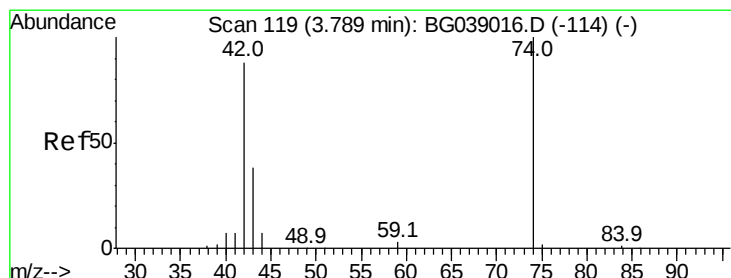
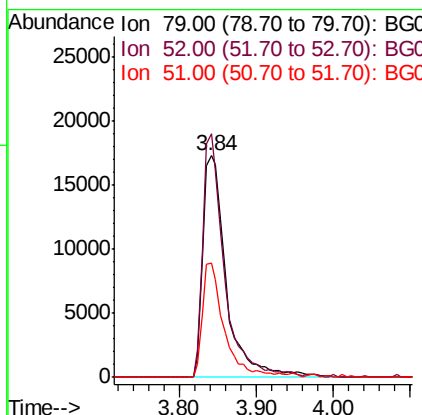
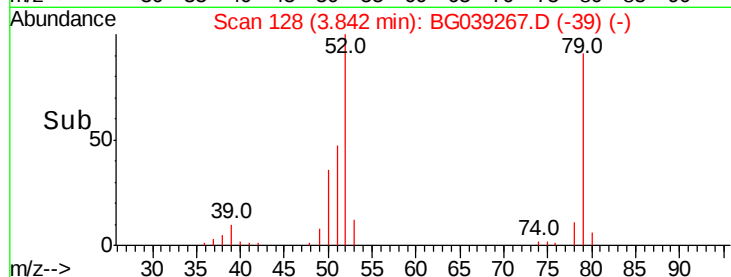
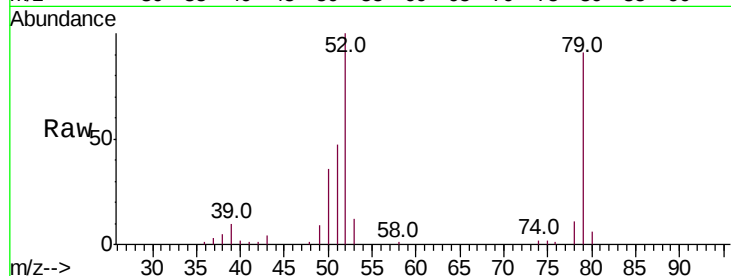
ClientSampleId :

IDOC-W-04

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 36435 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 110.0 | 81.5  | 122.3 |
| 51       | 51.4  | 39.8  | 59.6  |

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#4

n-Nitrosodimethylamine

Concen: 45.547 ng

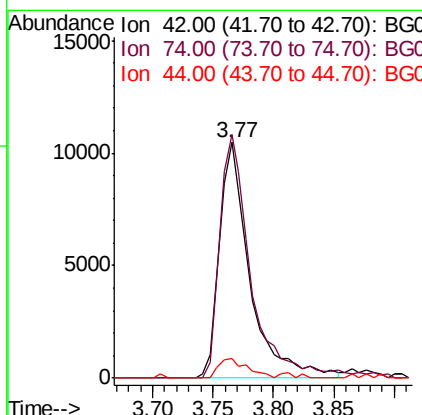
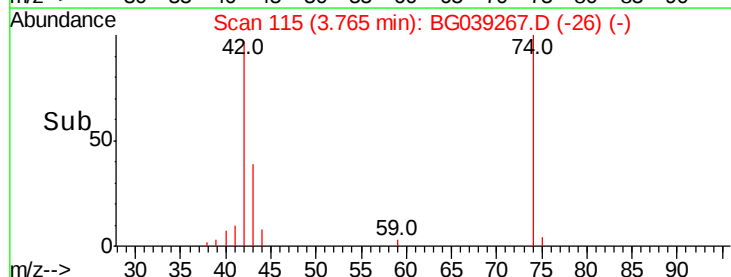
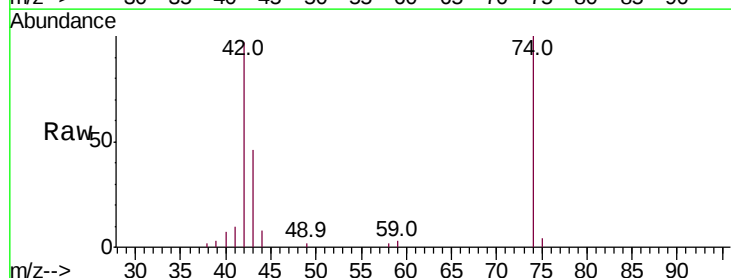
RT: 3.77 min Scan# 115

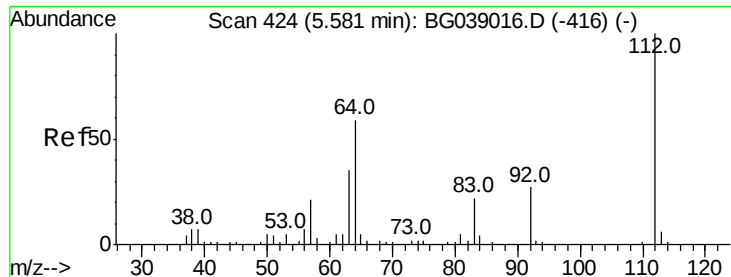
Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 18191 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 103.3 | 90.7  | 136.1 |
| 44       | 8.3   | 6.5   | 9.7   |





#5

2-Fluorophenol

Concen: 148.445 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

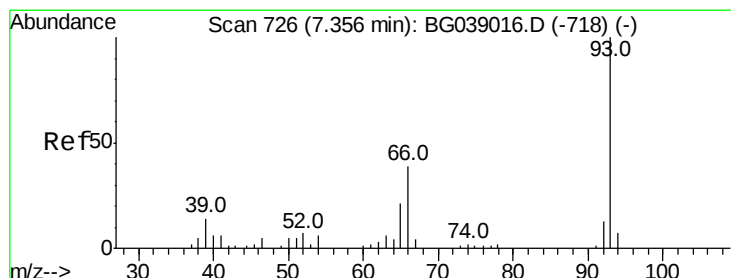
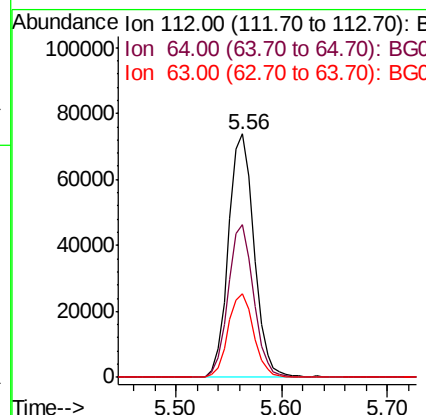
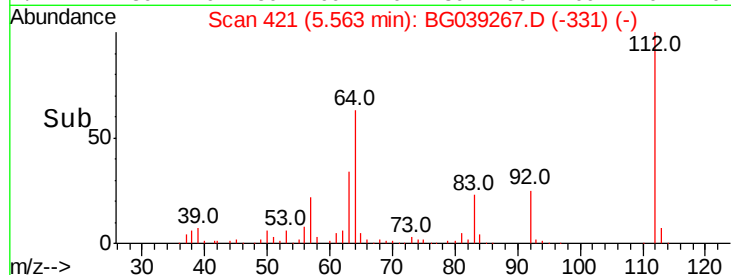
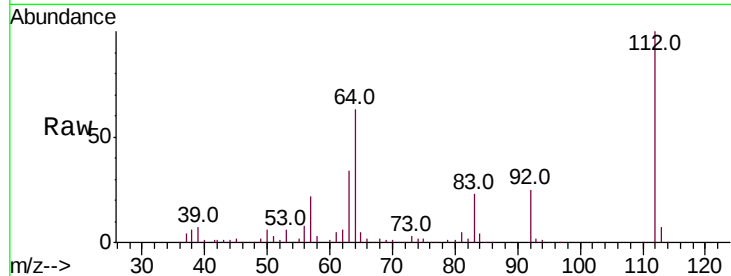
ClientSampled :

IDOC-W-04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 123820 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 63.0  | 47.0  | 70.6   |
| 63        | 34.5  | 28.0  | 42.0   |

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#6

Aniline

Concen: 31.129 ng

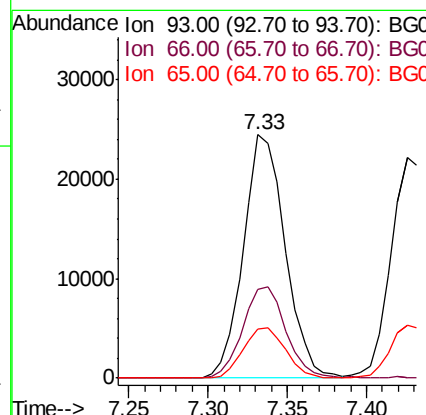
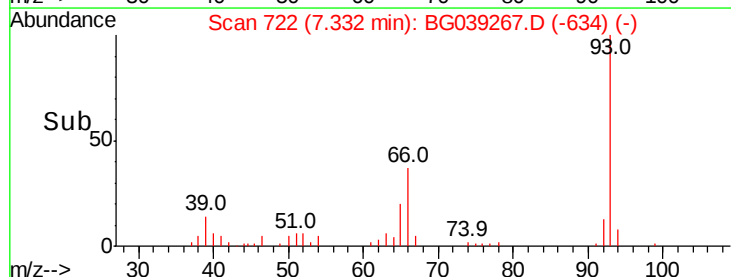
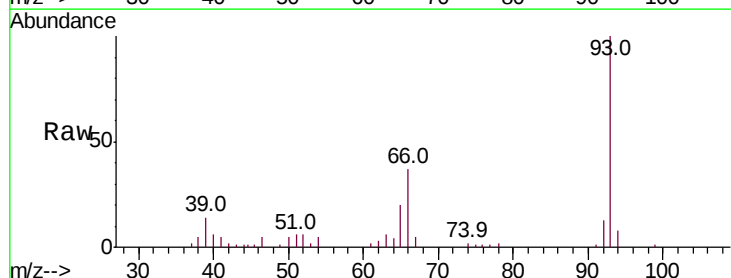
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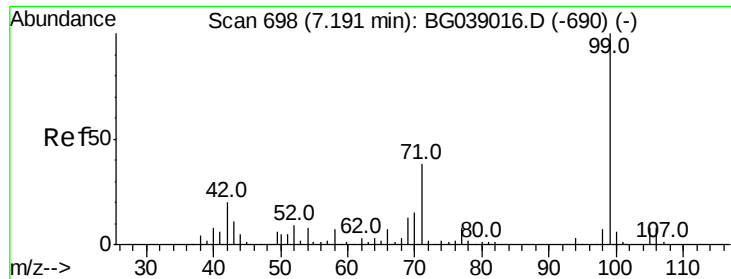
Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 44877 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 36.6  | 30.9  | 46.3  |
| 65        | 20.2  | 17.0  | 25.4  |





#7

Phenol-d6

Concen: 142.896 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

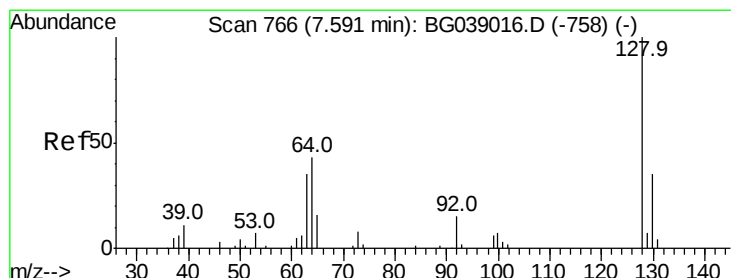
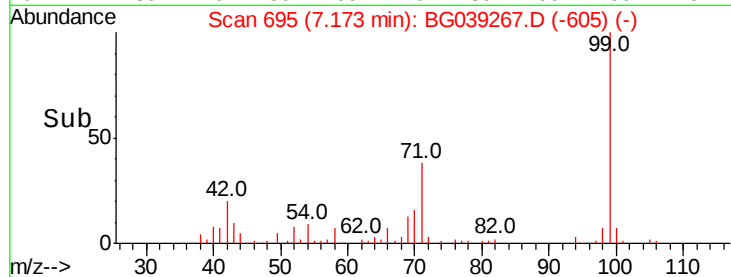
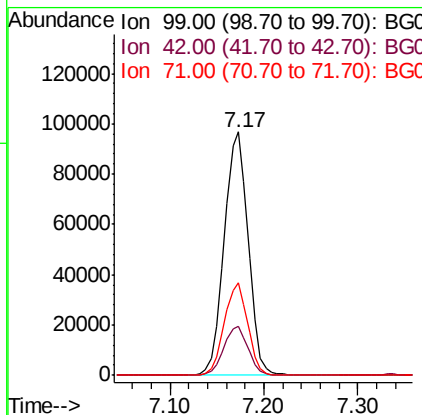
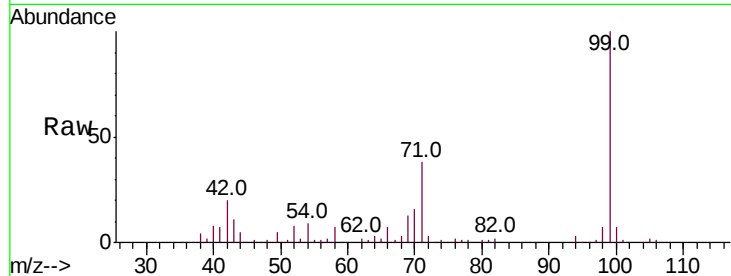
ClientSampled :

IDOC-W-04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 171532 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.0  | 15.8  | 23.6   |
| 71        | 37.8  | 30.2  | 45.4   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 47.098 ng

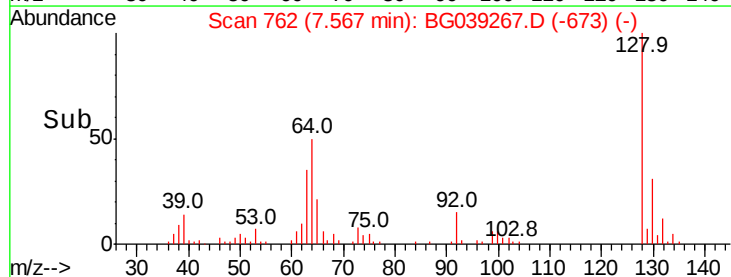
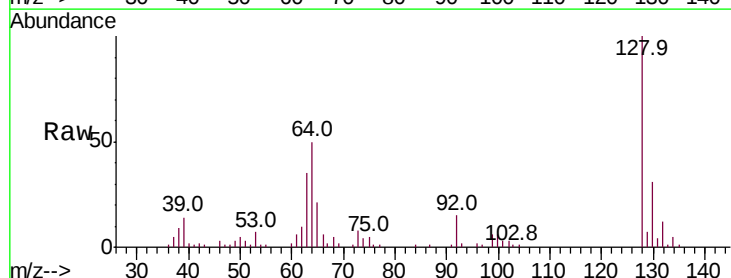
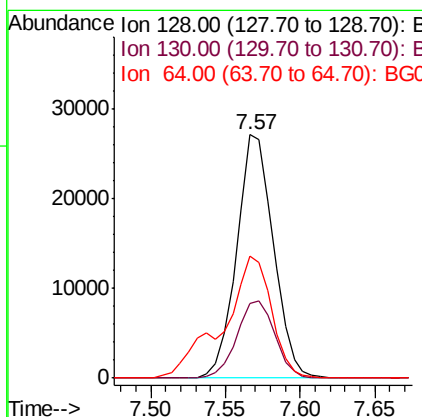
RT: 7.57 min Scan# 762

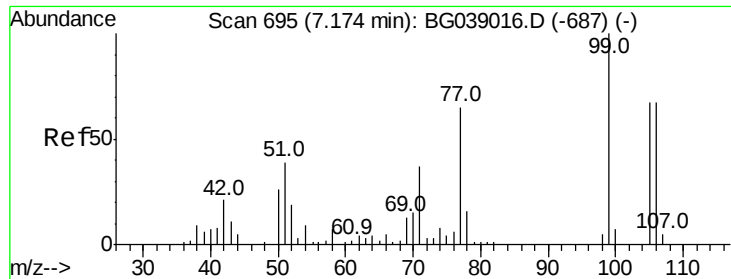
Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 46309 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 30.9  | 14.5  | 54.5  |
| 64        | 50.3  | 27.3  | 67.3  |





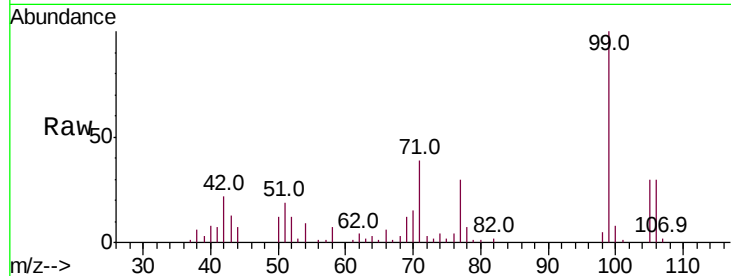
#9  
Benzaldehyde  
Concen: 16.215 ng  
RT: 7.15 min Scan# 691  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

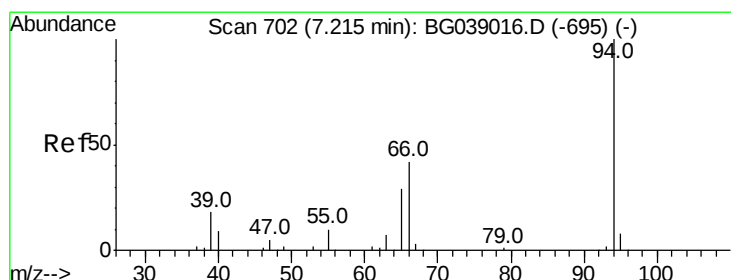
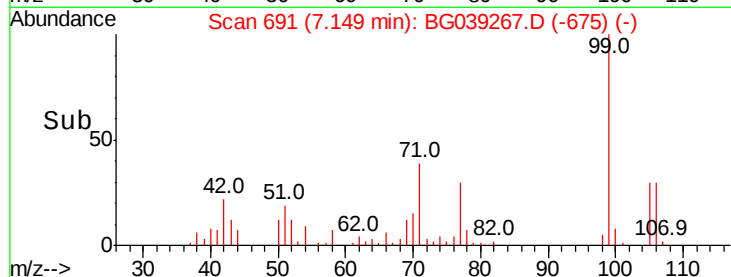
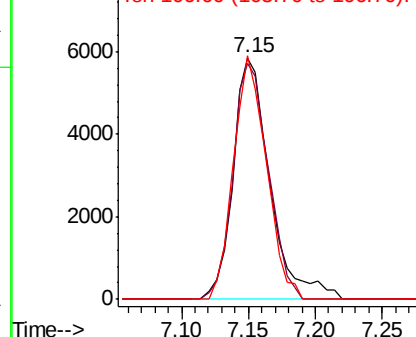
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 97.9  | 82.4  | 122.4 |
| 106     | 100.8 | 82.8  | 122.8 |

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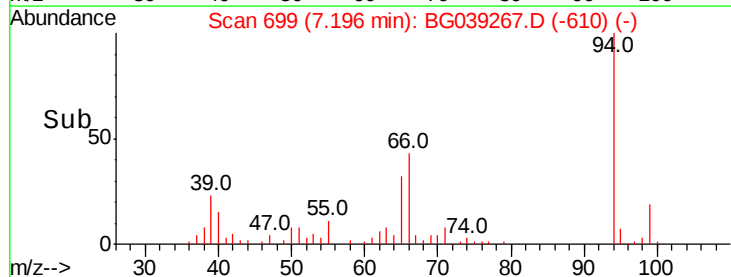
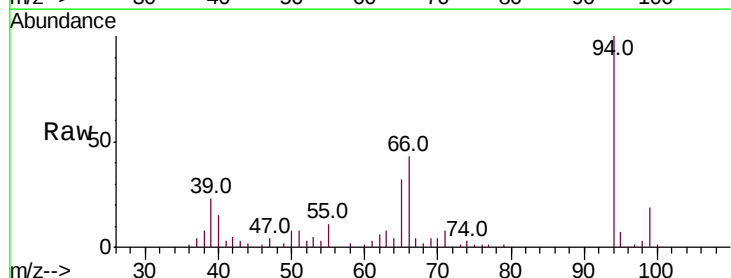
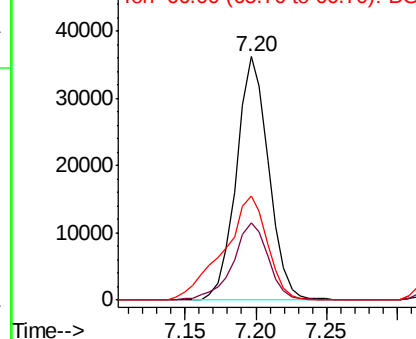
Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10  
Phenol  
Concen: 47.906 ng  
RT: 7.20 min Scan# 699  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 31.6  | 10.3  | 50.3  |
| 66      | 42.5  | 25.1  | 65.1  |

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





#11

bis(2-Chloroethyl)ether

Concen: 40.677 ng

RT: 7.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

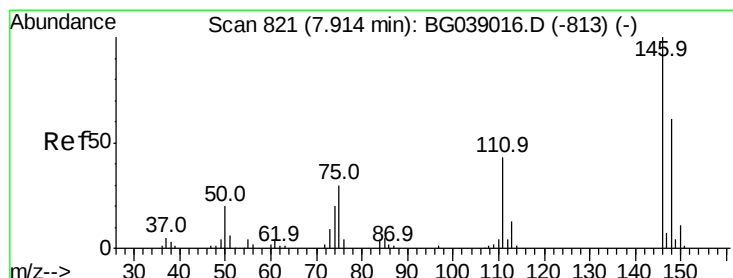
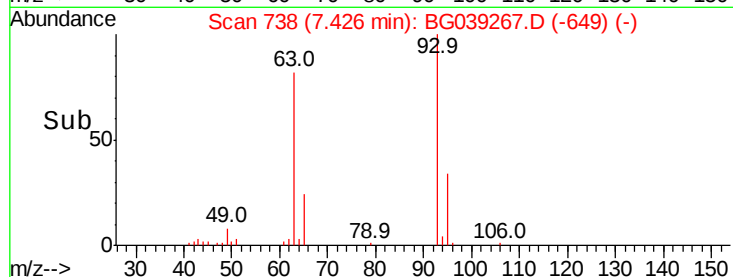
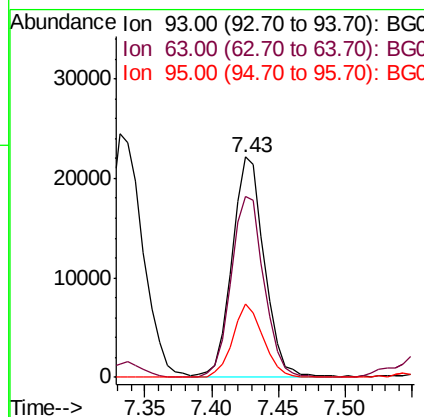
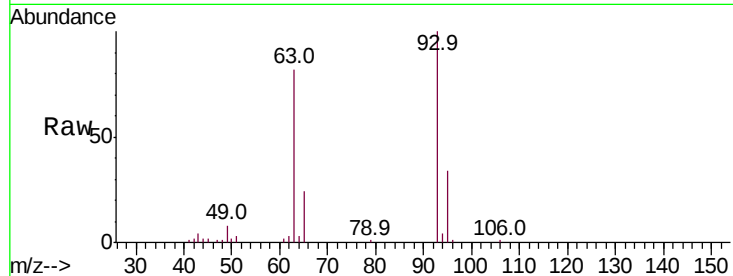
ClientSampleId :

IDOC-W-04

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 93    | Resp: | 37415 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 82.2  | 63.2  | 103.2 |
| 95       | 33.6  | 11.2  | 51.2  |

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#12

1,3-Dichlorobenzene

Concen: 39.273 ng

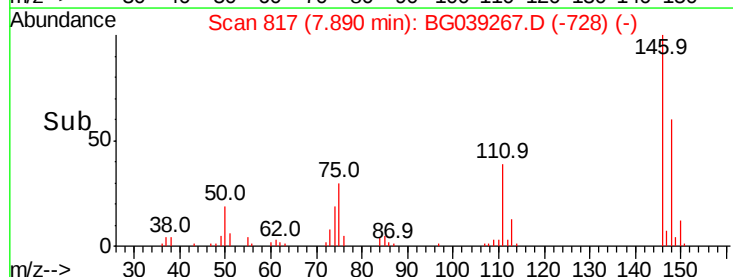
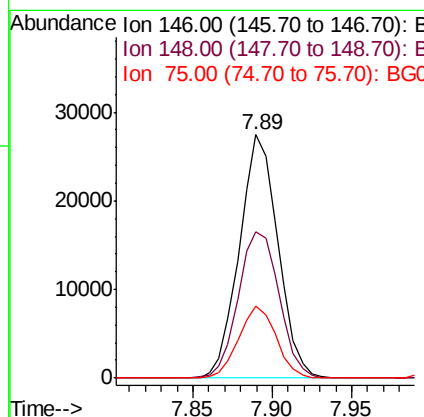
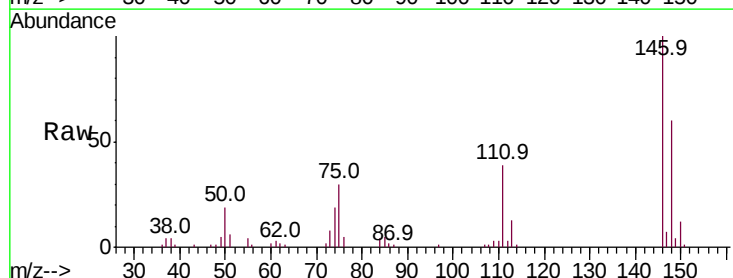
RT: 7.89 min Scan# 817

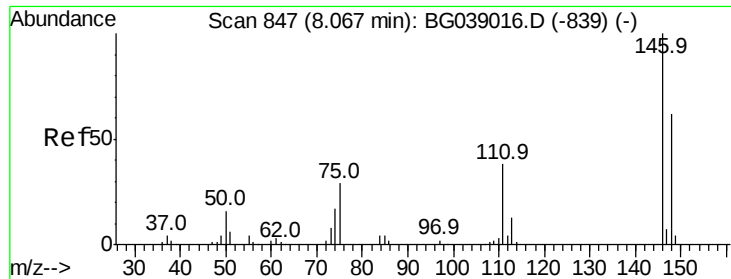
Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 46265 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 60.2  | 49.1  | 73.7  |
| 75       | 29.7  | 23.9  | 35.9  |





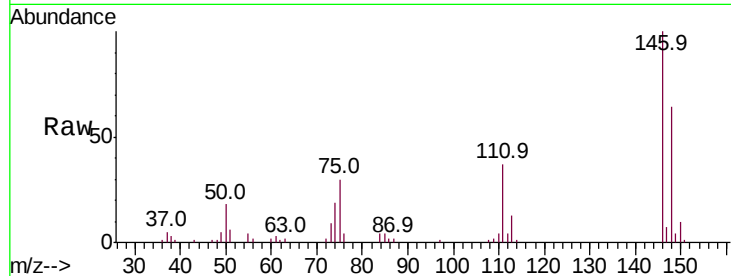
#13  
1,4-Dichlorobenzene  
Concen: 40.336 ng  
RT: 8.04 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 49.8  | 74.6  |
| 111     | 37.0  | 30.6  | 45.8  |

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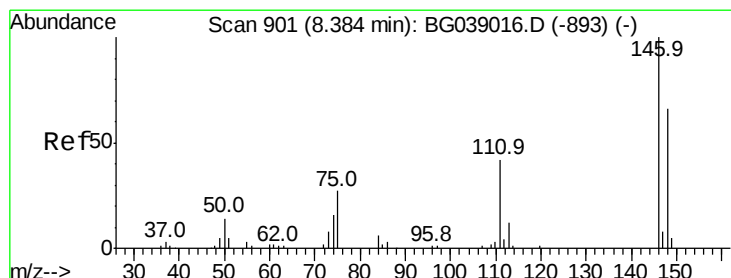
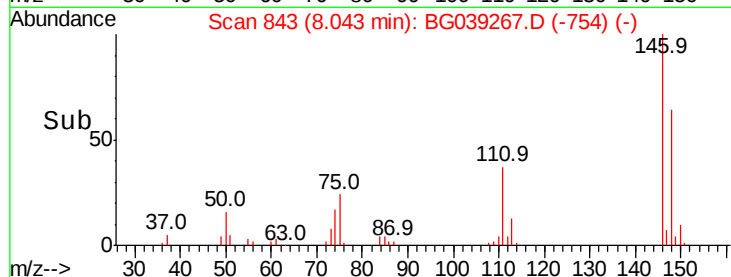
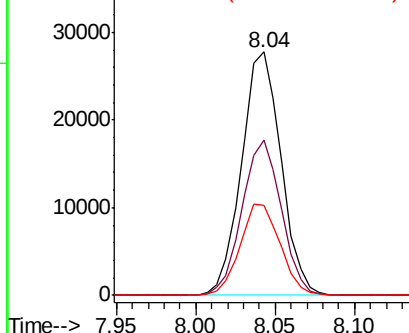


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
1,2-Dichlorobenzene  
Concen: 41.014 ng  
RT: 8.36 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

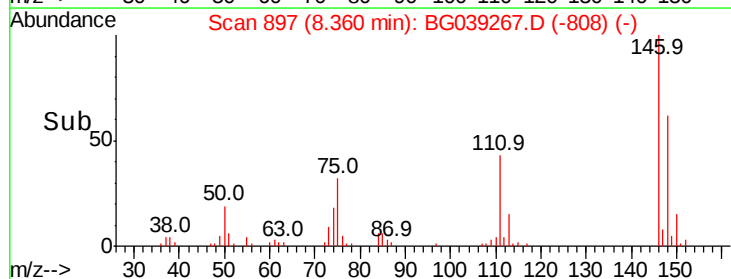
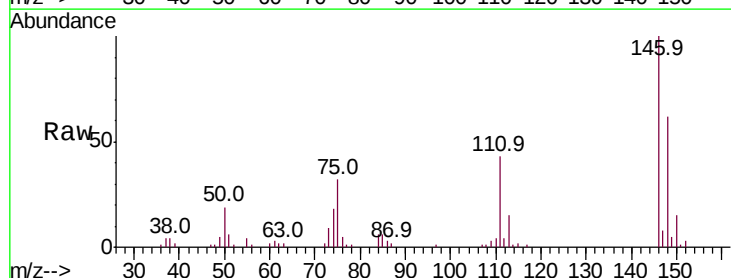
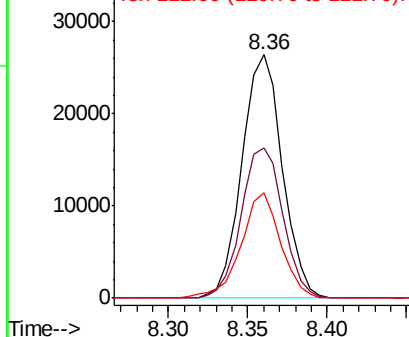
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.5  | 52.6  | 79.0  |
| 111     | 43.5  | 34.6  | 51.8  |

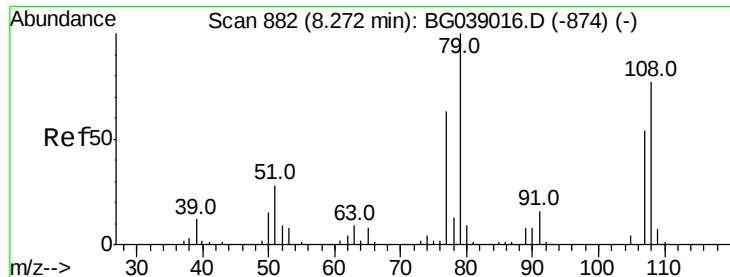
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.177 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

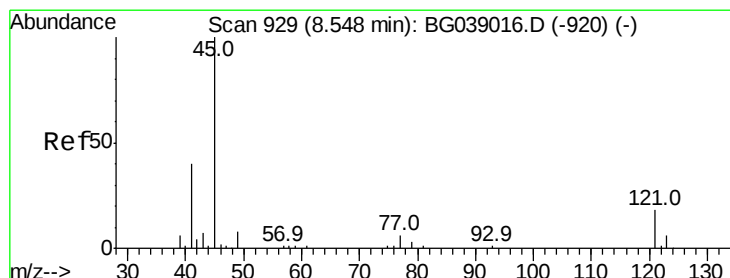
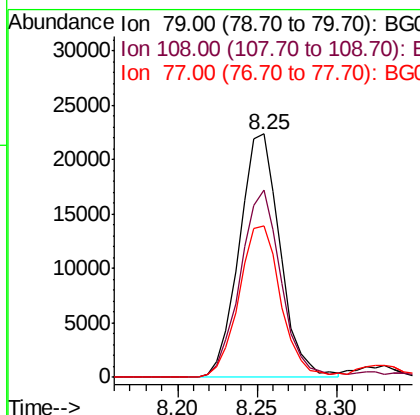
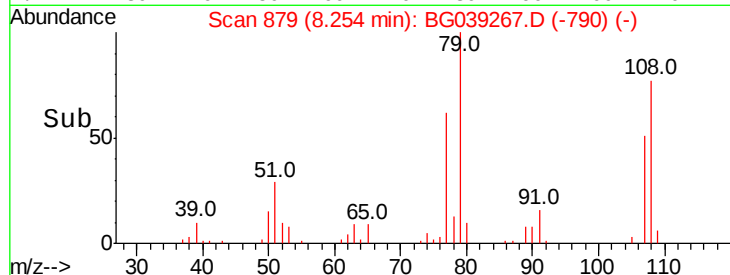
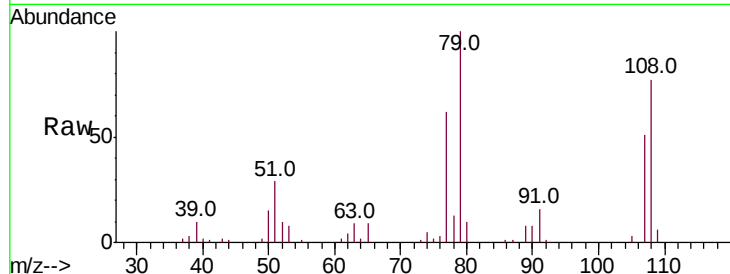
ClientSampleId :

IDOC-W-04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 39936 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 77.1  | 62.0  | 93.0  |
| 77        | 62.5  | 50.1  | 75.1  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.341 ng

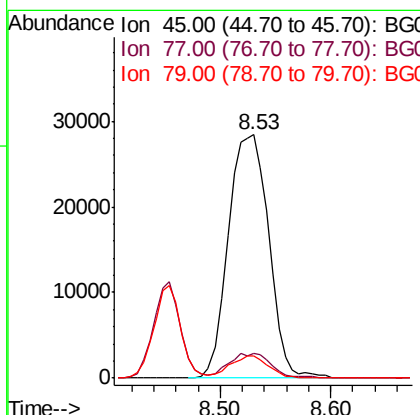
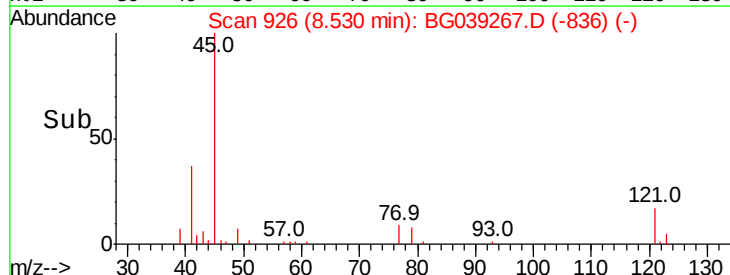
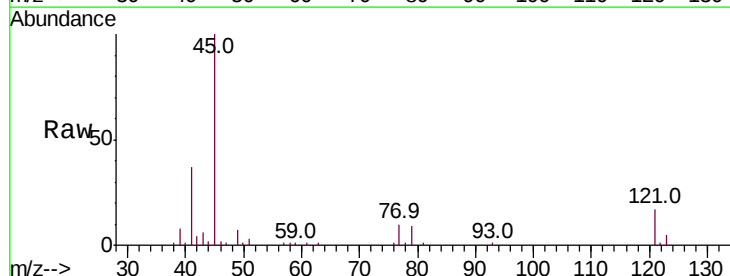
RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 72916 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 10.3  | 0.0   | 30.7  |
| 79        | 9.1   | 0.0   | 28.5  |





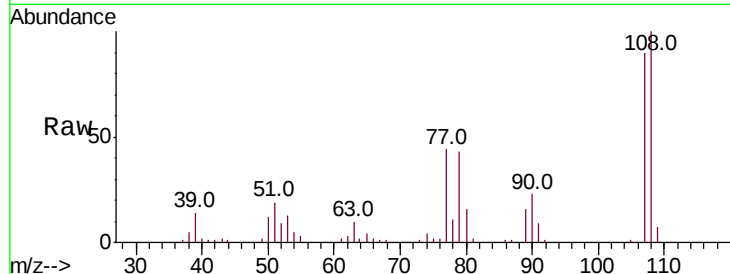
#17  
2-Methylphenol  
Concen: 47.203 ng  
RT: 8.45 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.6 | 90.3  | 135.5 |
| 77      | 49.1  | 38.3  | 57.5  |
| 79      | 47.4  | 35.8  | 53.6  |

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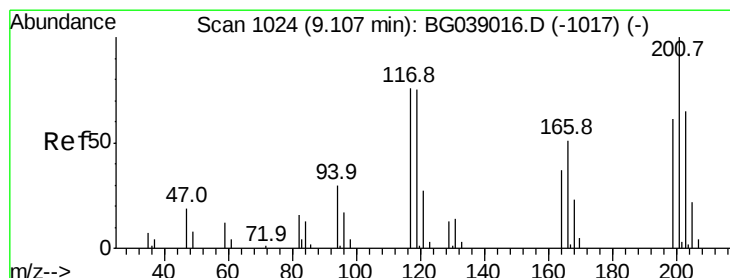
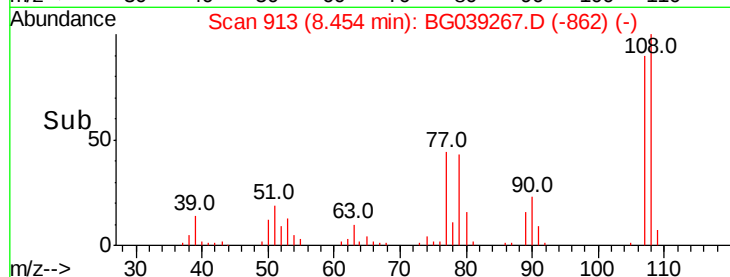
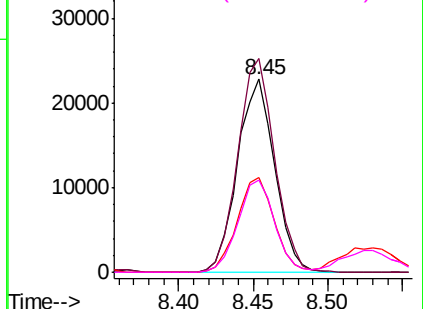
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

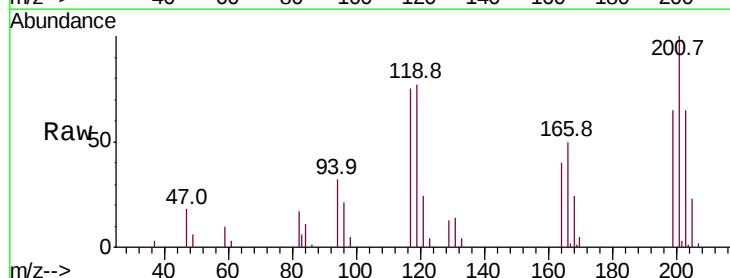
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 40.981 ng  
RT: 9.08 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 102.3 | 78.7  | 118.1 |
| 201     | 137.2 | 108.1 | 162.1 |

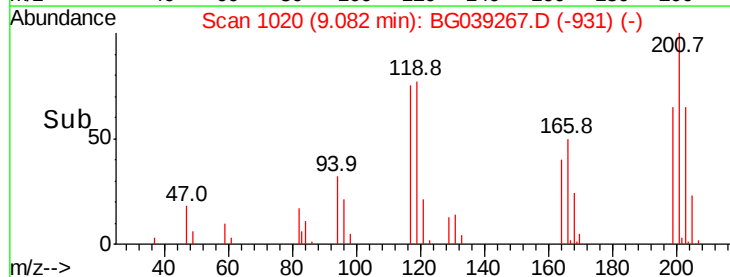
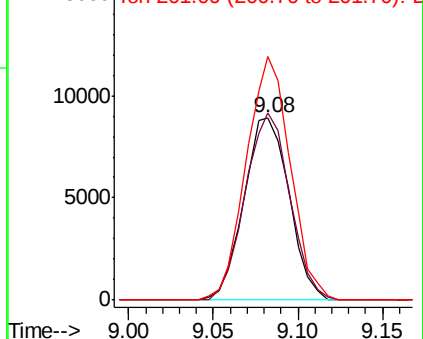


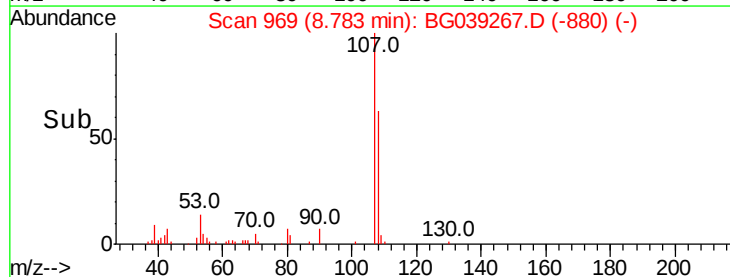
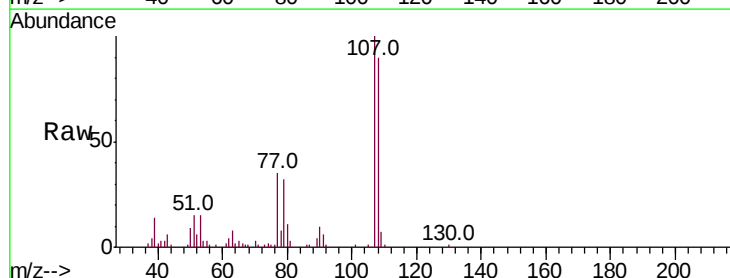
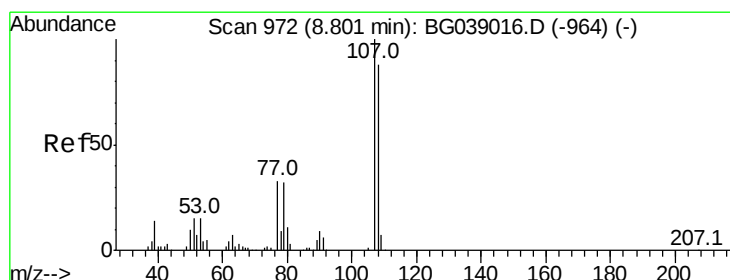
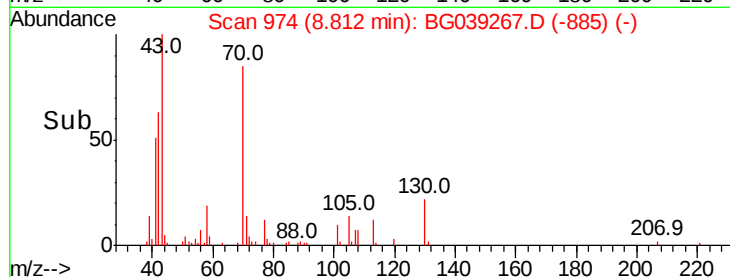
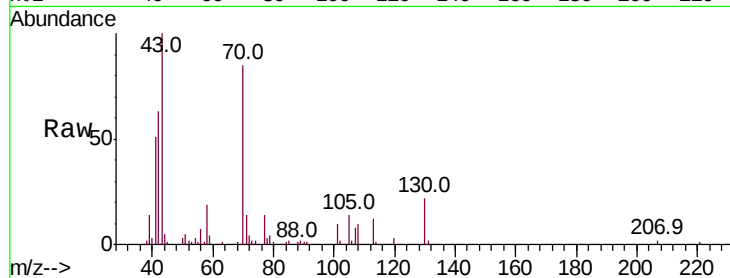
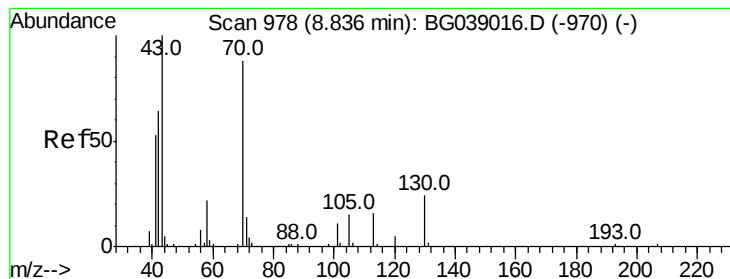
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.145 ng

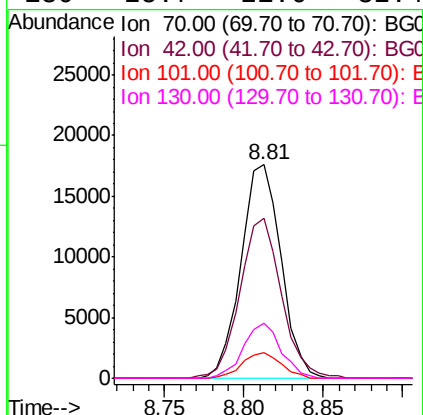
RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 74.7  | 59.0  | 88.4  |
| 101     | 12.1  | 10.4  | 15.6  |
| 130     | 25.7  | 21.6  | 32.4  |



Instrument :

BNA\_G

ClientSampled :

IDOC-W-04

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#20

3+4-Methylphenols

Concen: 45.435 ng

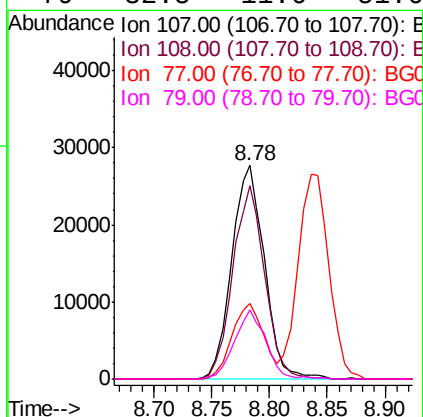
RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.5  | 68.4  | 108.4 |
| 77      | 35.3  | 13.3  | 53.3  |
| 79      | 32.5  | 11.6  | 51.6  |





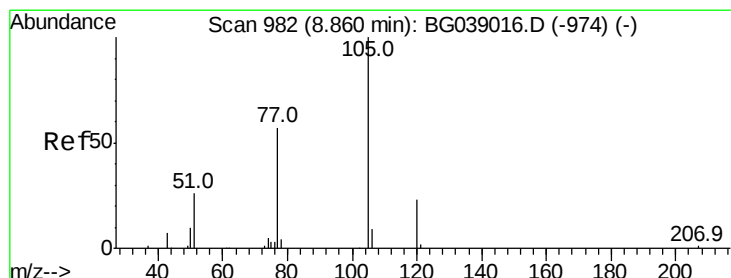
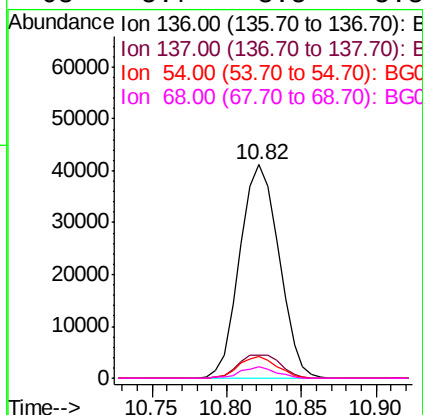
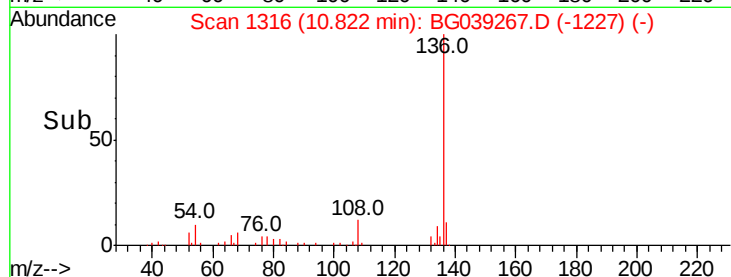
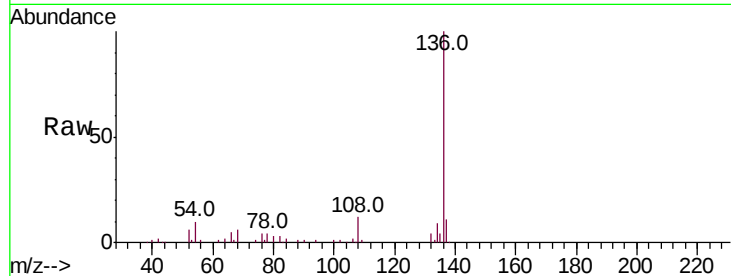
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 136     | 100   | 75218 |       |       |
| 137     | 10.9  |       | 9.4   | 14.2  |
| 54      | 10.1  |       | 7.2   | 10.8  |
| 68      | 5.7   |       | 3.5   | 5.3#  |

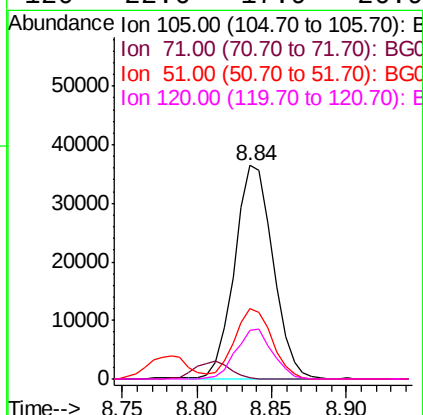
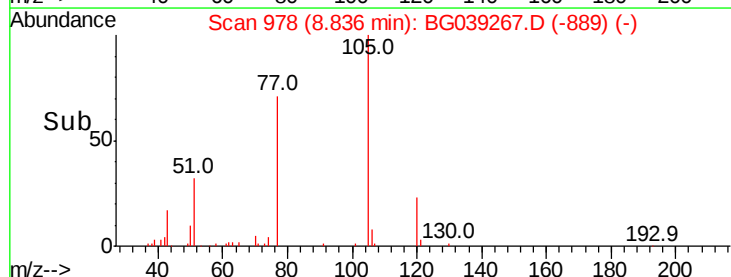
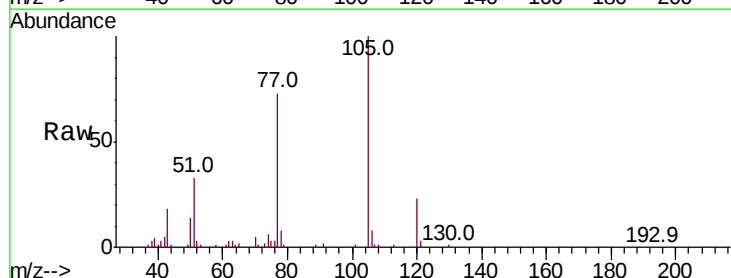
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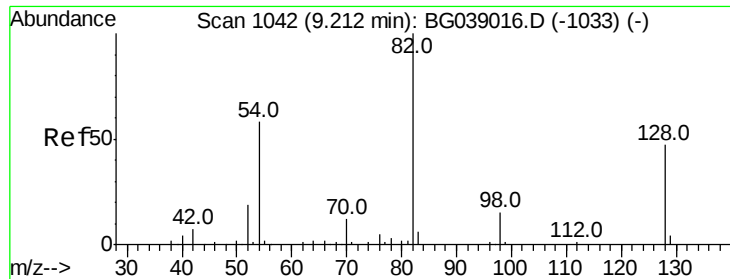
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#22  
Acetophenone  
Concen: 33.299 ng  
RT: 8.84 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 65410 |       |       |
| 71      | 0.7   |       | 0.6   | 1.0   |
| 51      | 32.9  |       | 26.6  | 39.8  |
| 120     | 22.6  |       | 17.9  | 26.9  |





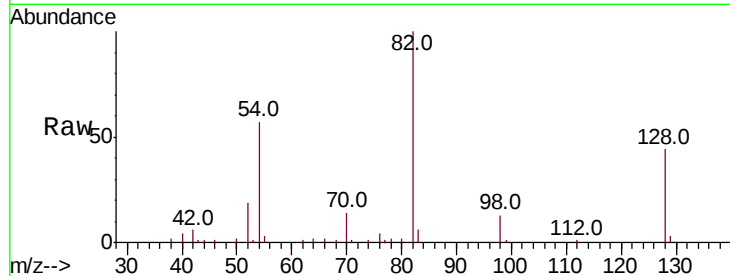
#23  
Nitrobenzene-d5  
Concen: 74.402 ng  
RT: 9.18 min Scan# 1037  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampled :  
IDOC-W-04

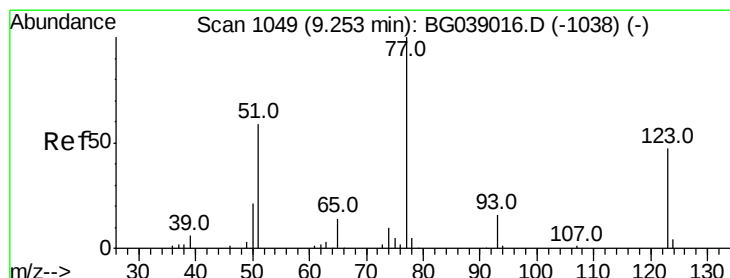
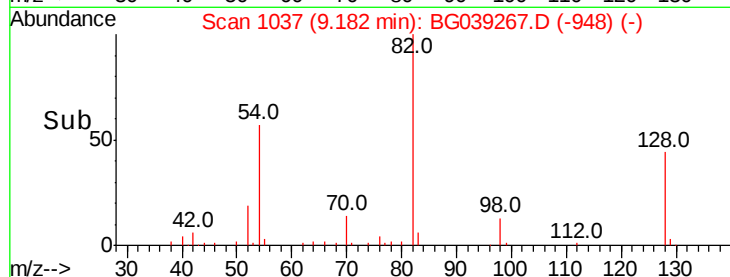
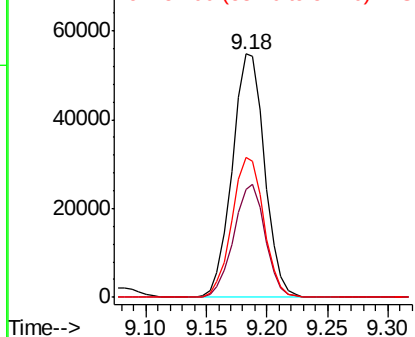
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.2  | 37.3  | 55.9  |
| 54      | 57.3  | 46.4  | 69.6  |

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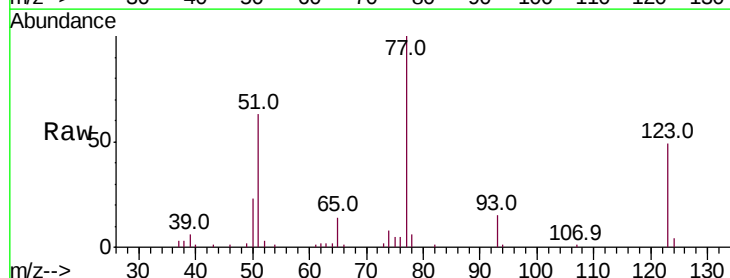


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

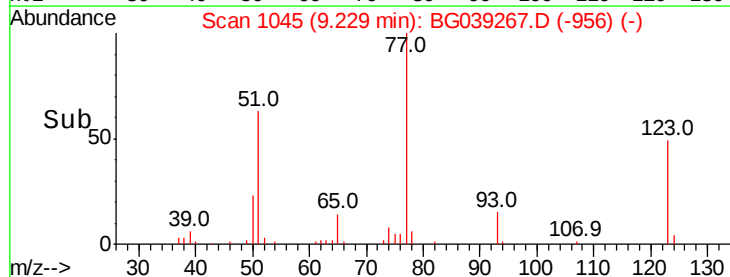
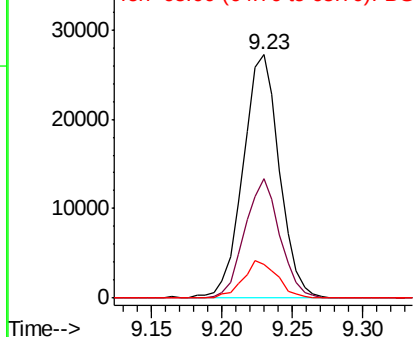


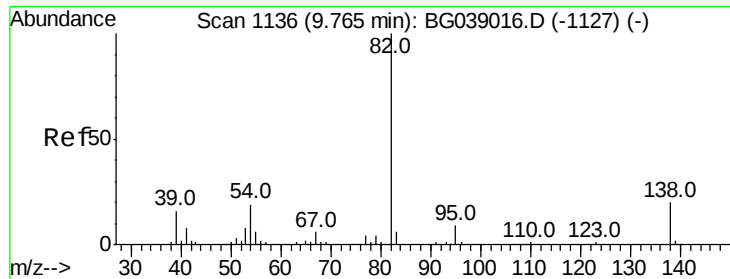
#24  
Nitrobenzene  
Concen: 35.331 ng  
RT: 9.23 min Scan# 1045  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.1  | 37.6  | 56.4  |
| 65      | 13.9  | 11.0  | 16.6  |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





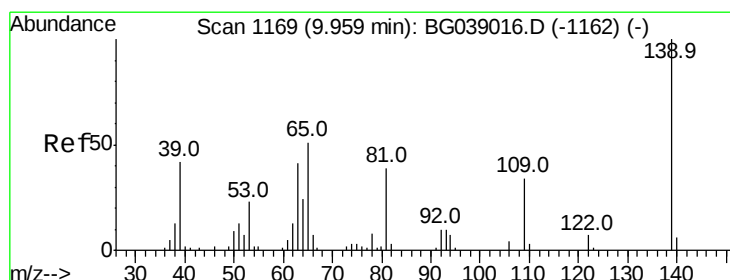
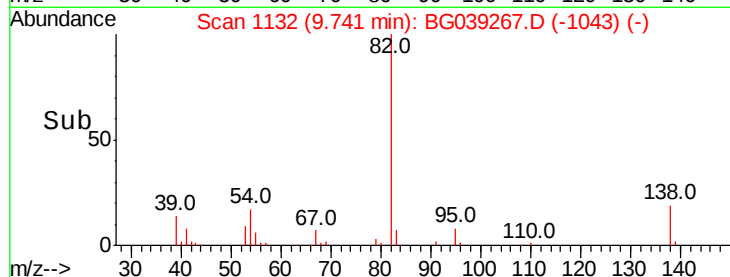
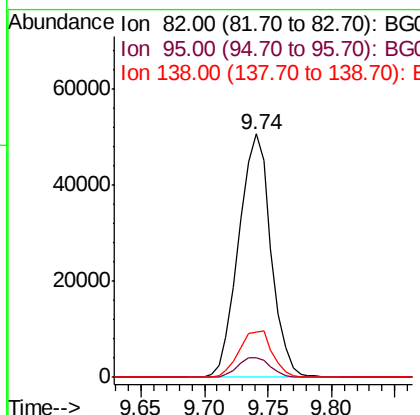
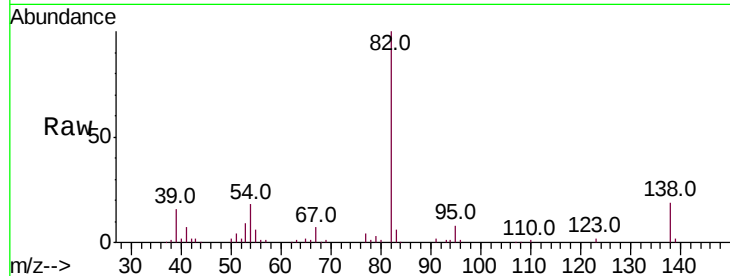
#25  
Isophorone  
Concen: 37.852 ng  
RT: 9.74 min Scan# 1132  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 8.0   | 7.0  | 10.6  |       |
| 138     | 18.6  | 16.2 | 24.4  |       |

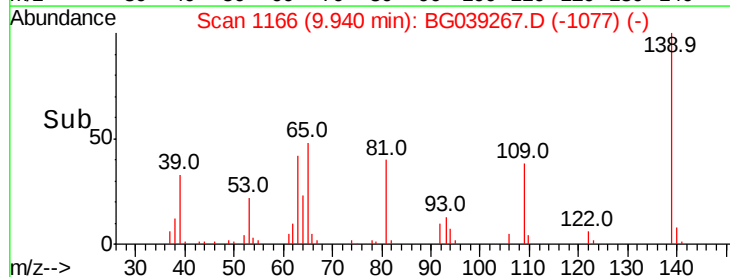
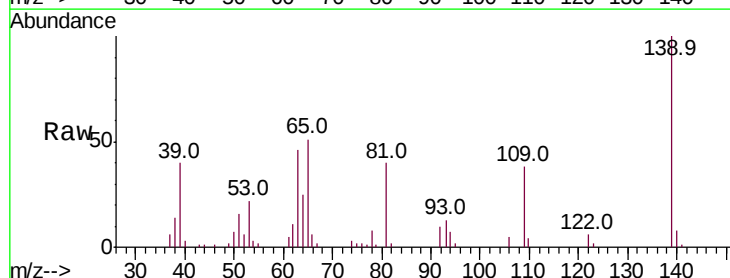
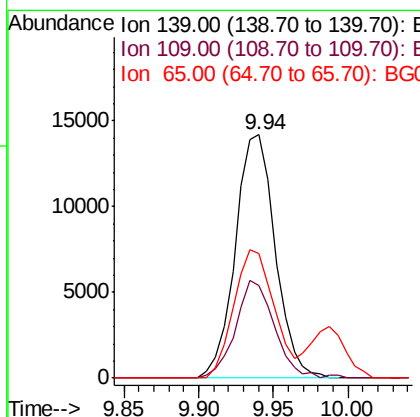
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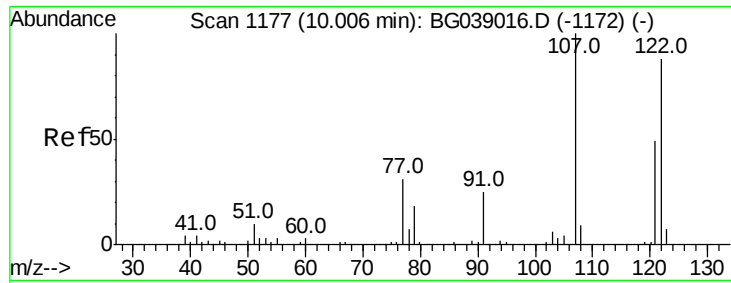
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#26  
2-Nitrophenol  
Concen: 35.026 ng  
RT: 9.94 min Scan# 1166  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 38.0  | 27.3 | 40.9  |       |
| 65      | 51.1  | 40.6 | 61.0  |       |





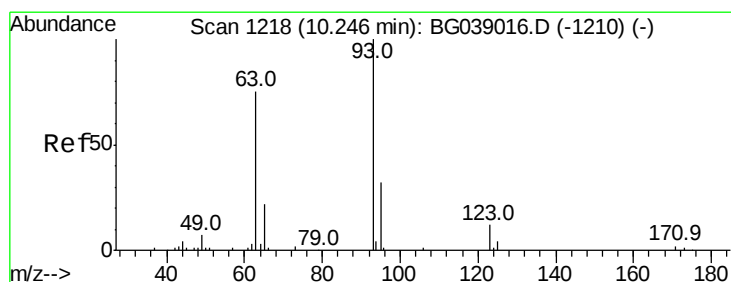
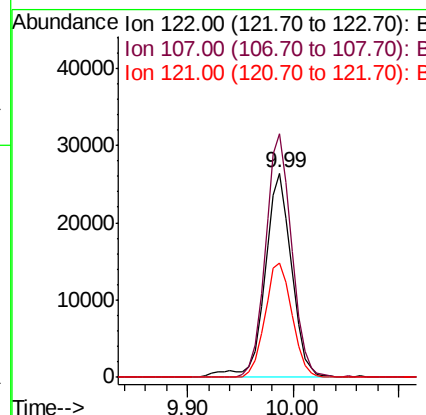
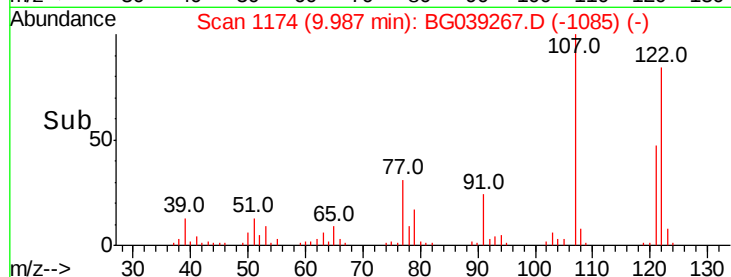
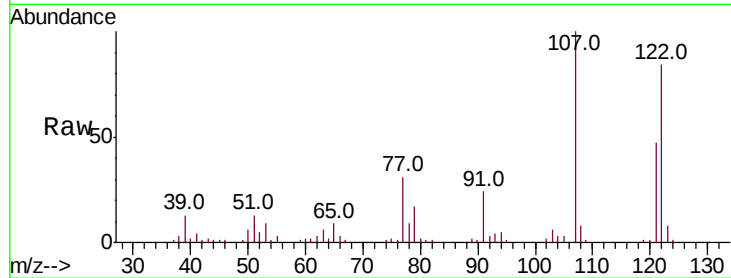
#27  
 2,4-Dimethylphenol  
 Concen: 43.617 ng  
 RT: 9.99 min Scan# 1174  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.0 | 88.8  | 133.2 |
| 121     | 56.0  | 43.1  | 64.7  |

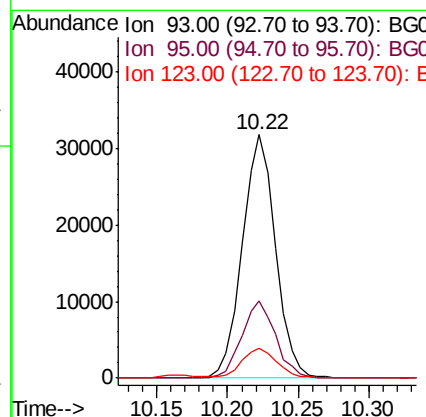
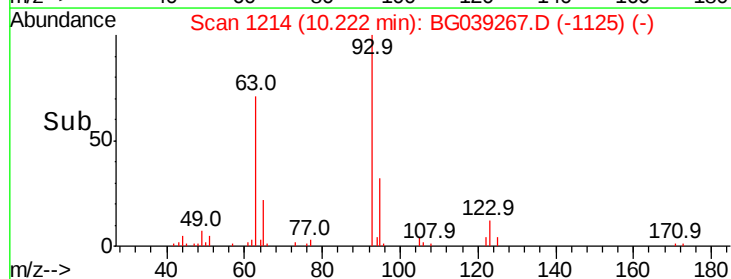
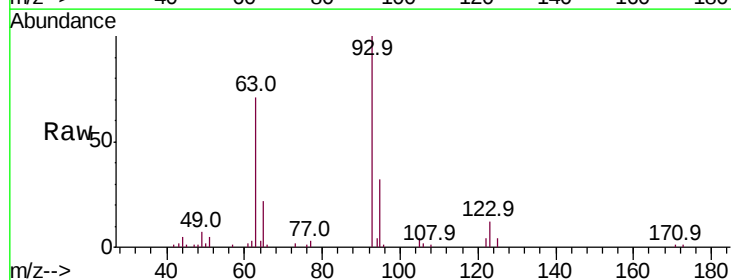
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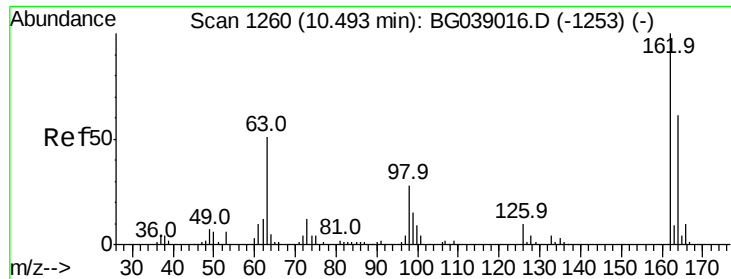
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.635 ng  
 RT: 10.22 min Scan# 1214  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.9  | 25.6  | 38.4  |
| 123     | 12.3  | 10.1  | 15.1  |





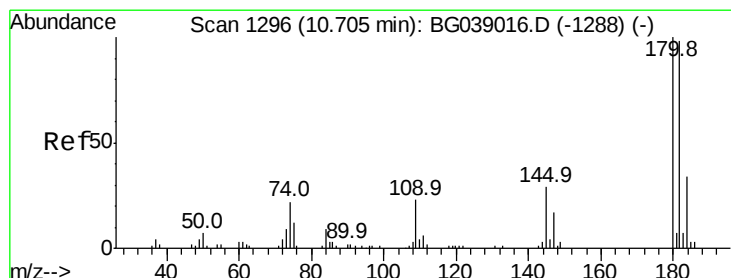
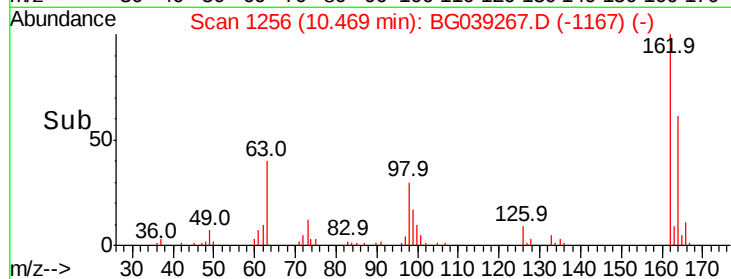
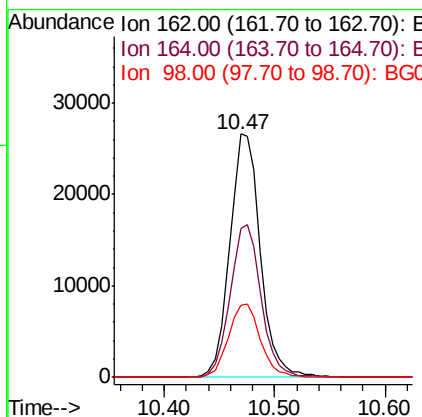
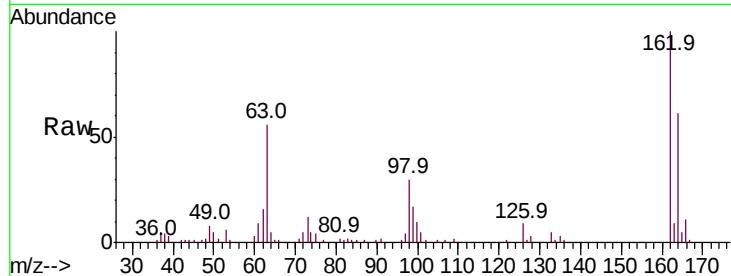
#29  
 2,4-Dichlorophenol  
 Concen: 39.298 ng  
 RT: 10.47 min Scan# 1256  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 51619 |       |       |
| 164     | 61.3  |       | 41.3  | 81.3  |
| 98      | 29.6  |       | 8.3   | 48.3  |

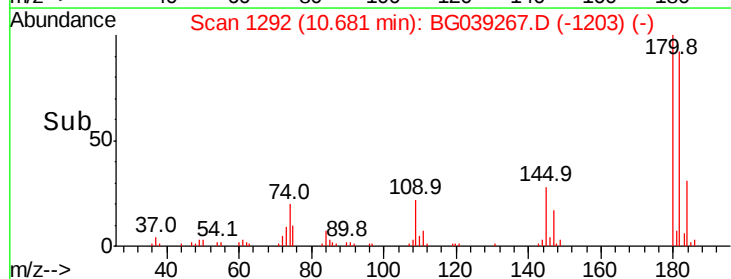
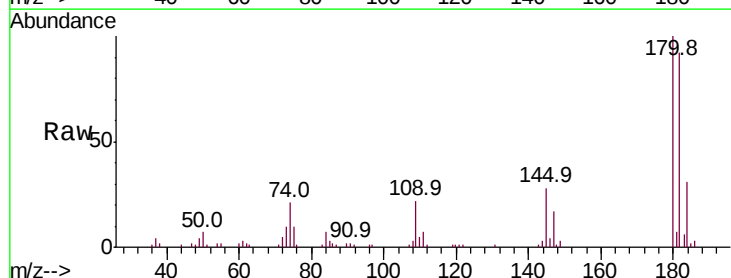
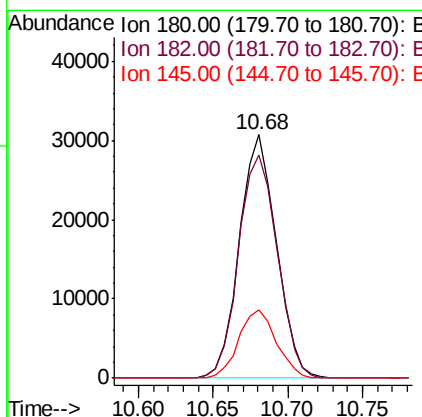
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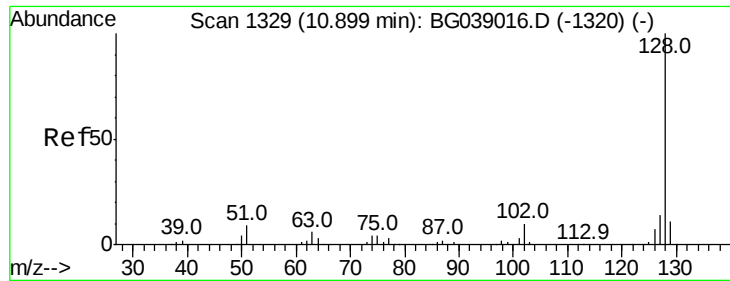
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 33.436 ng  
 RT: 10.68 min Scan# 1292  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 52770 |       |       |
| 182     | 91.8  |       | 78.1  | 117.1 |
| 145     | 27.9  |       | 23.1  | 34.7  |





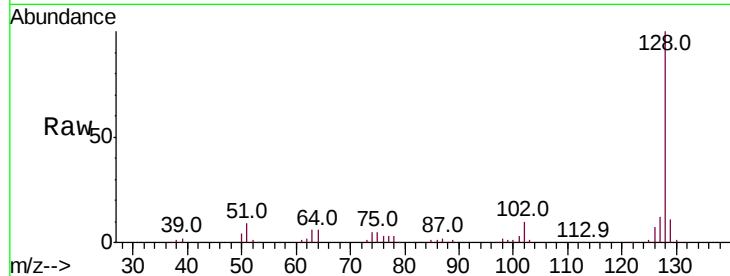
#31  
Naphthalene  
Concen: 39.830 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampled :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 9.1   | 13.7  |
| 127     | 12.5  | 11.2  | 16.8  |

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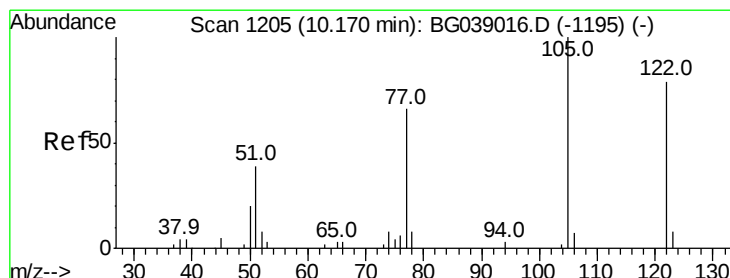
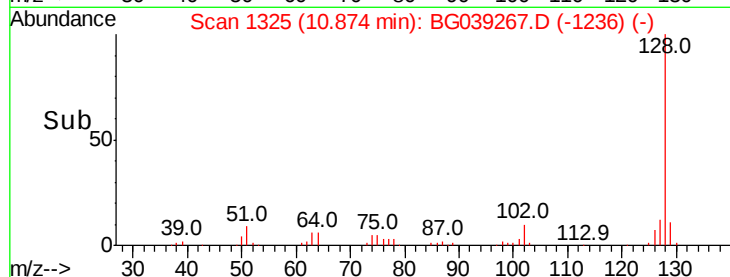
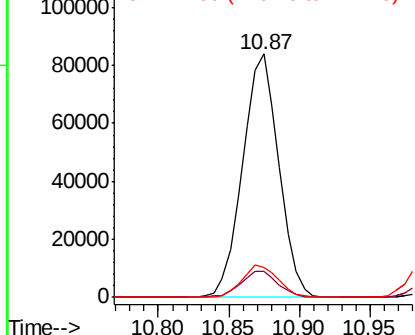


Abundance

Ion 128.00 (127.70 to 128.70): E

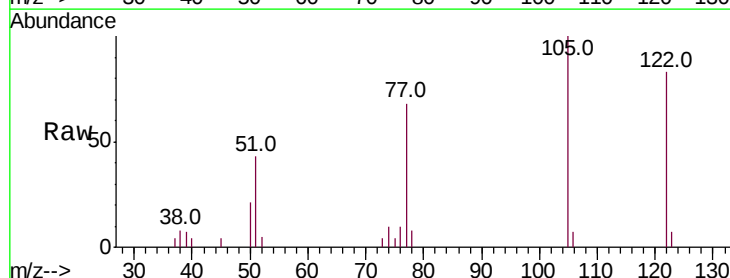
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 29.649 ng m  
RT: 10.17 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 120.9 | 106.4 | 146.4 |
| 77      | 81.8  | 63.6  | 103.6 |

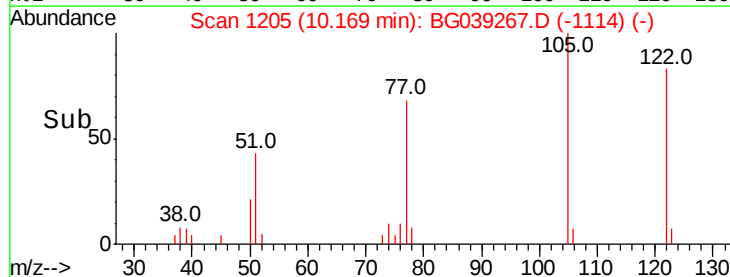
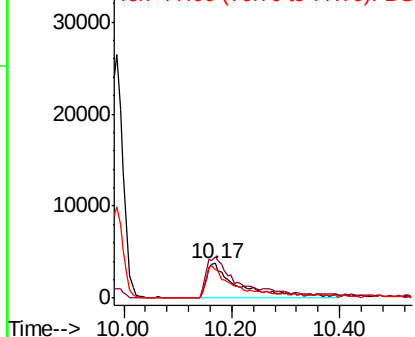


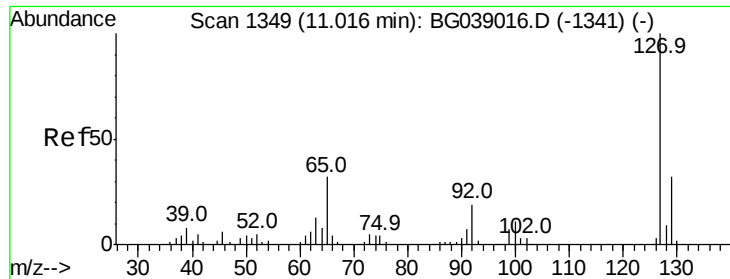
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





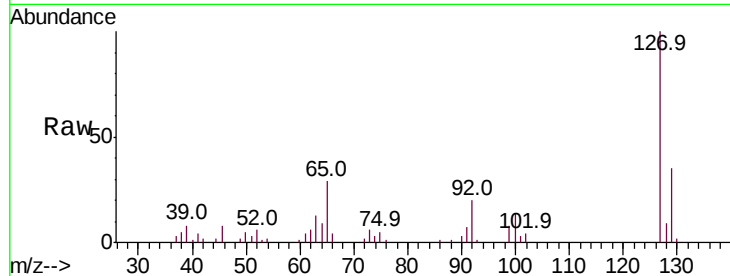
#33  
4-Chloroaniline  
Concen: 19.424 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampled :  
IDOC-W-04

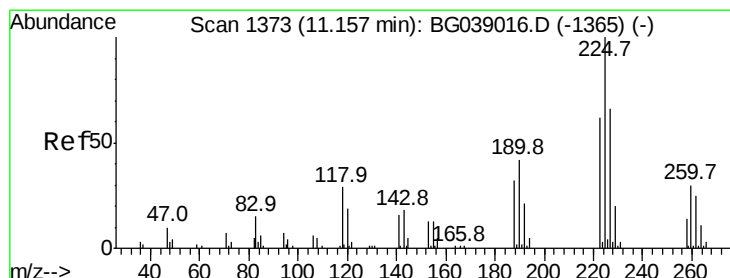
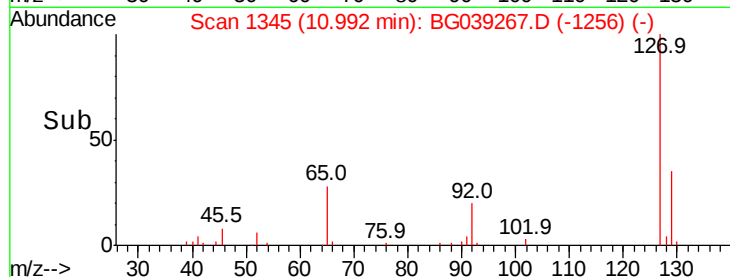
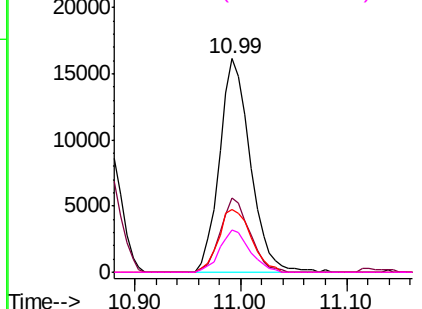
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 34.7  | 25.4  | 38.0  |
| 65      | 29.3  | 25.4  | 38.0  |
| 92      | 19.8  | 15.2  | 22.8  |

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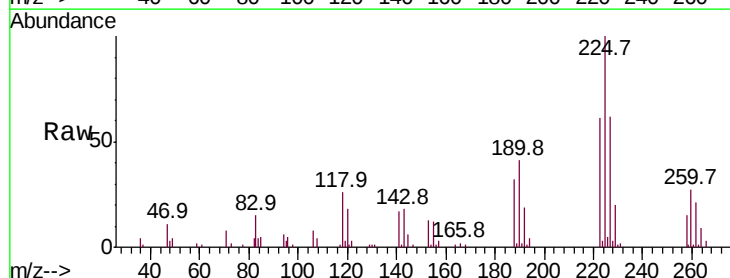


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

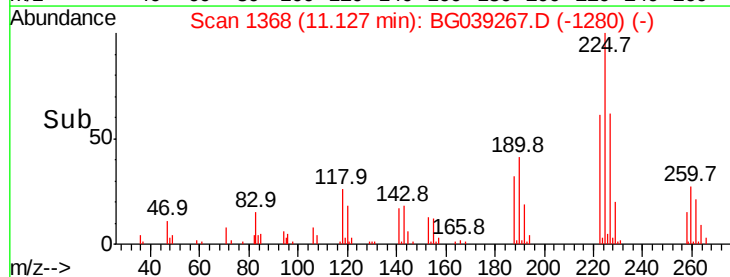
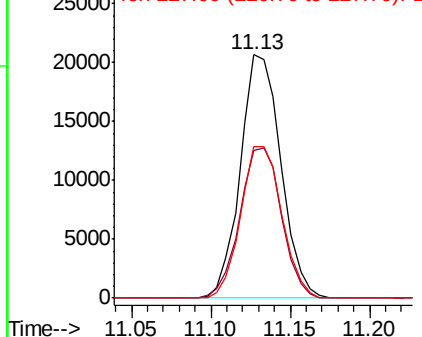


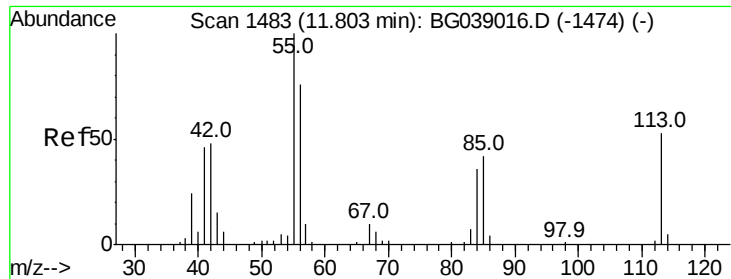
#34  
Hexachlorobutadiene  
Concen: 33.822 ng  
RT: 11.13 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 58.2  | 50.2  | 75.4  |
| 227     | 62.6  | 53.2  | 79.8  |



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





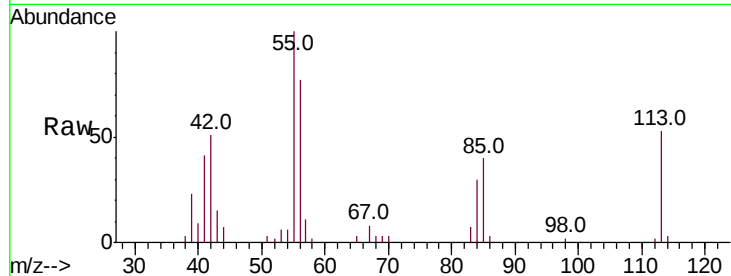
#35  
Caprolactam  
Concen: 31.989 ng/ml  
RT: 11.78 min Scan# 1479  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

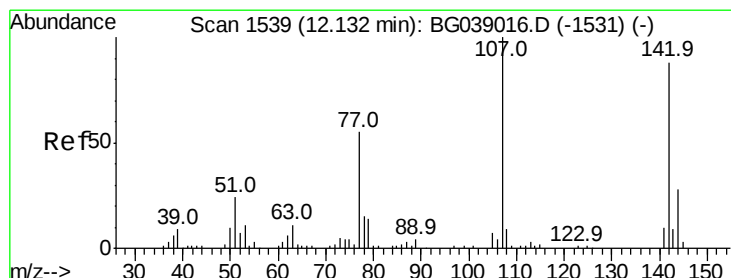
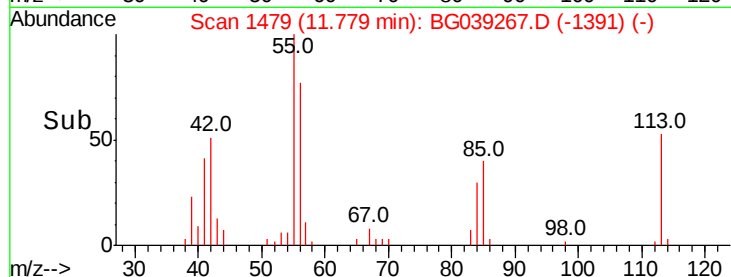
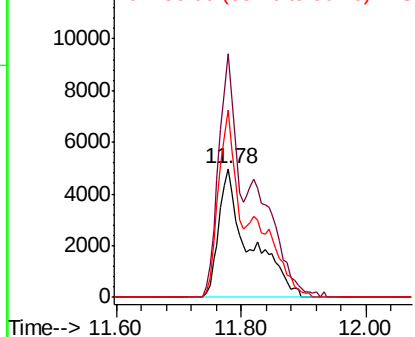
Tot Ion:113 Resp: 16849  
Ion Ratio Lower Upper  
113 100  
55 189.3 168.6 208.6  
56 145.6 123.2 163.2

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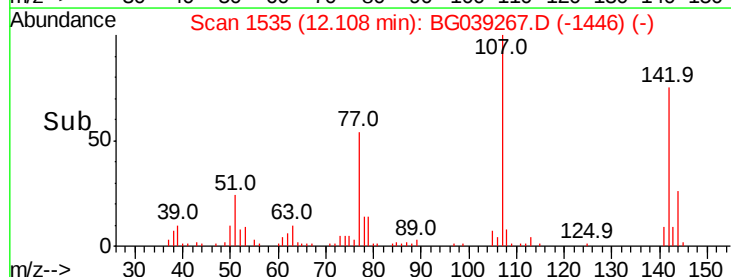
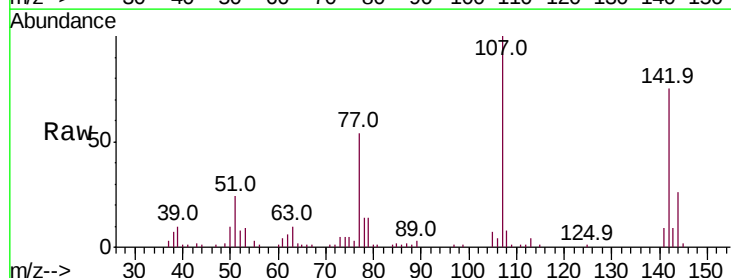
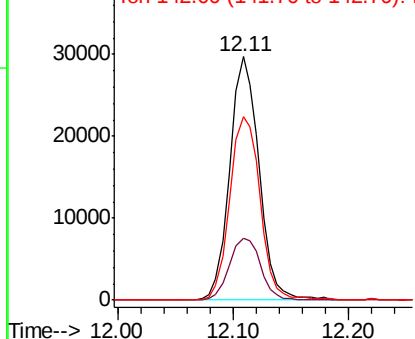
Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BGO  
Ion 56.00 (55.70 to 56.70): BGO

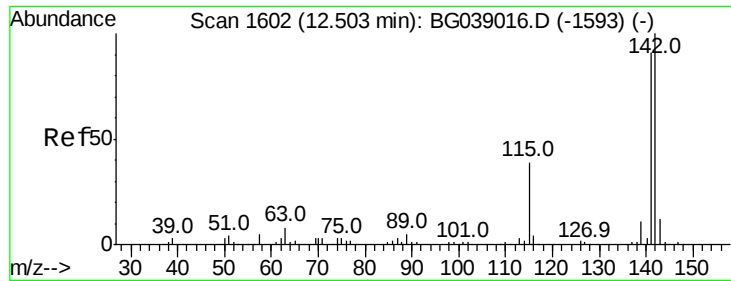


#36  
4-Chloro-3-methylphenol  
Concen: 37.078 ng  
RT: 12.11 min Scan# 1535  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Tgt Ion:107 Resp: 52090  
Ion Ratio Lower Upper  
107 100  
144 25.6 22.6 34.0  
142 75.1 70.2 105.4

Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





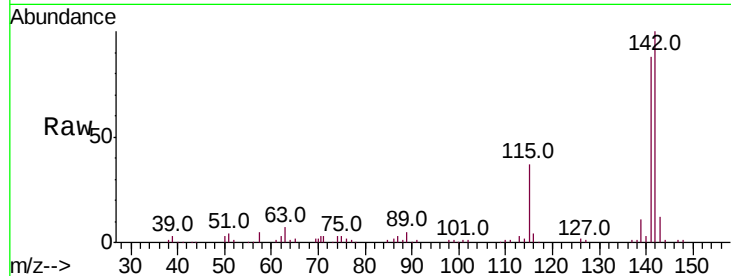
#37  
2-Methylnaphthalene  
Concen: 35.059 ng  
RT: 12.48 min Scan# 1598  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.8  | 72.6  | 109.0 |
| 115     | 36.9  | 31.1  | 46.7  |

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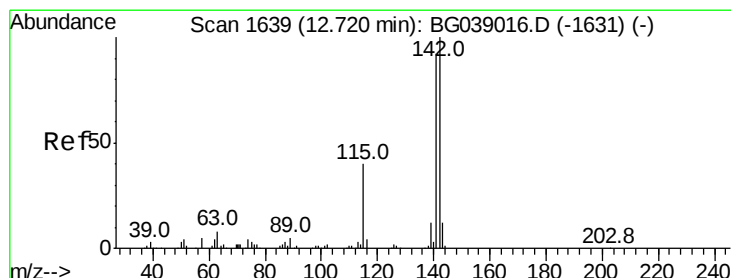
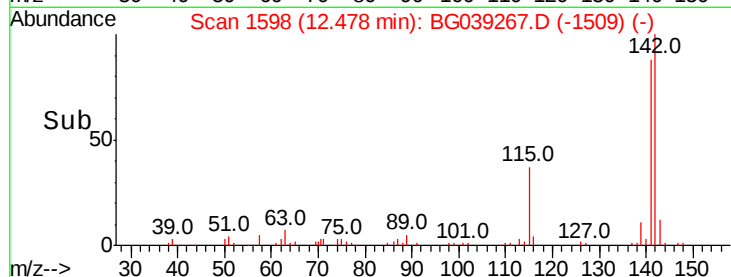
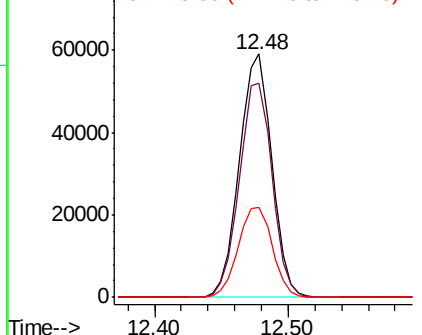


Abundance

Ion 142.00 (141.70 to 142.70): E

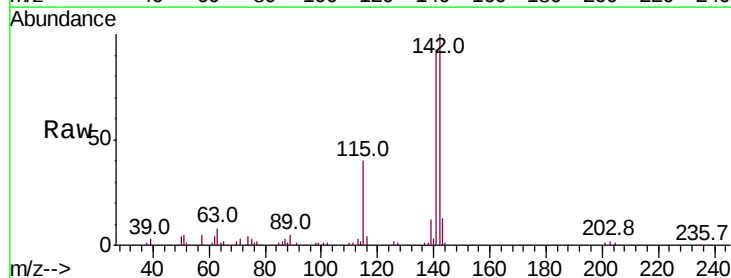
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 34.051 ng  
RT: 12.70 min Scan# 1635  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.0  | 73.3  | 109.9 |
| 116     | 4.1   | 3.1   | 4.7   |

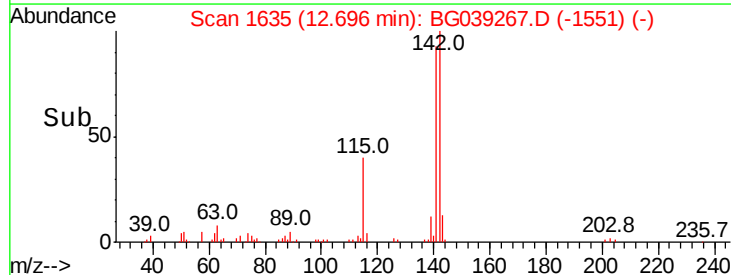
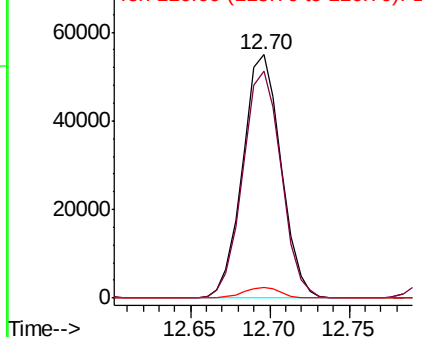


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





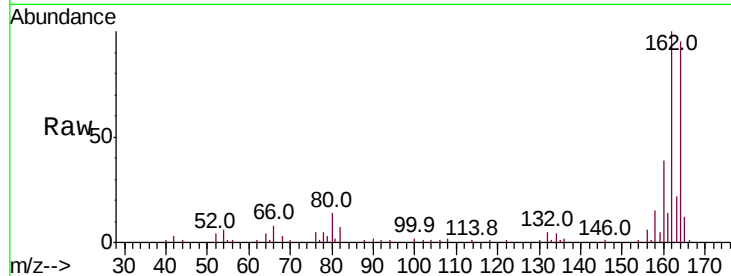
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.65 min Scan# 1967  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.2 | 87.2  | 130.8 |
| 160     | 41.0  | 33.3  | 49.9  |

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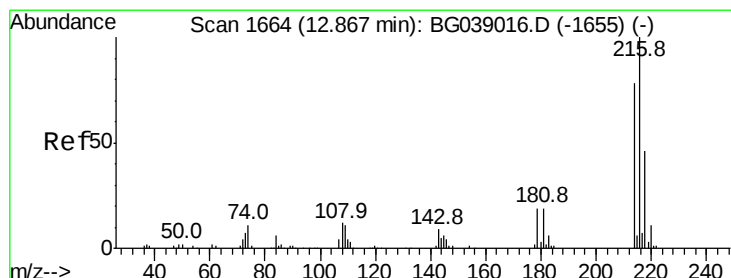
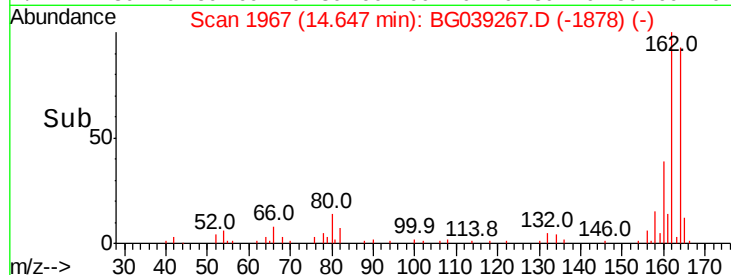
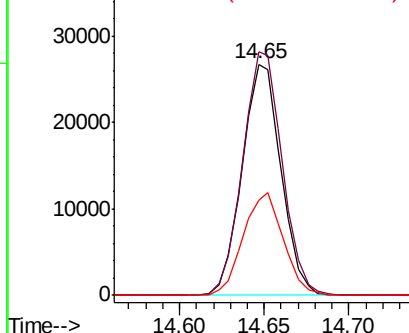


Abundance

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



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.601 ng  
RT: 12.84 min Scan# 1659  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.6  | 63.4  | 95.2  |
| 179     | 19.8  | 15.5  | 23.3  |
| 108     | 15.8  | 11.4  | 17.2  |

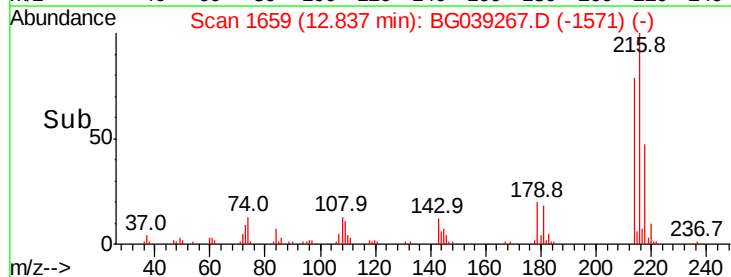
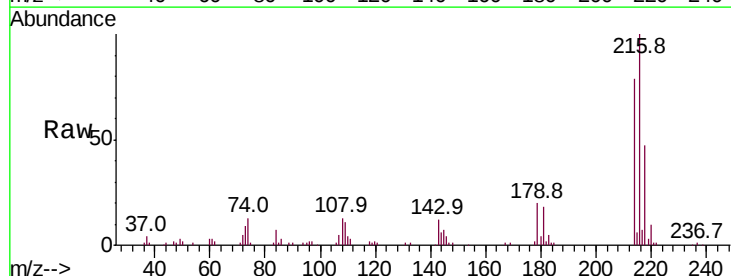
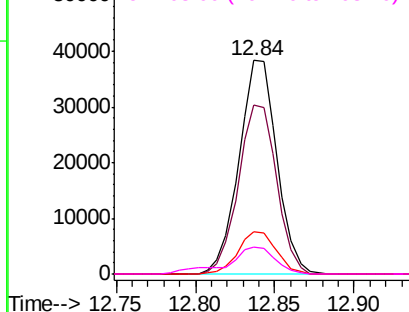
Abundance

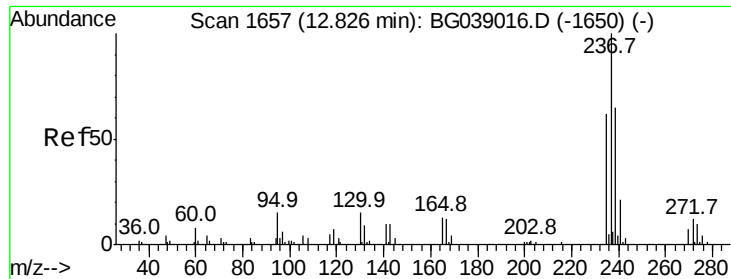
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 78.566 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

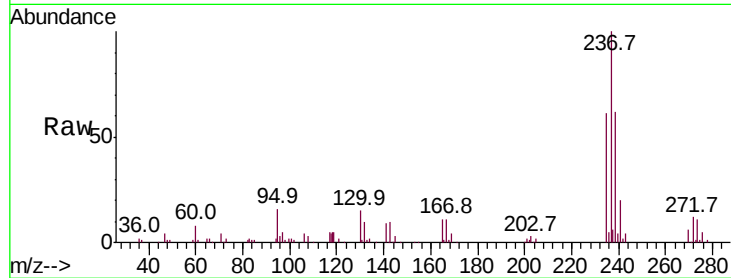
ClientSampleId :

IDOC-W-04

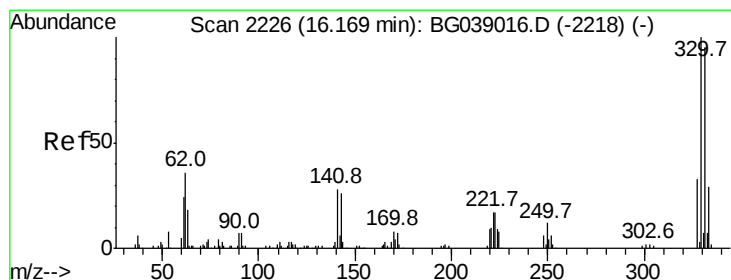
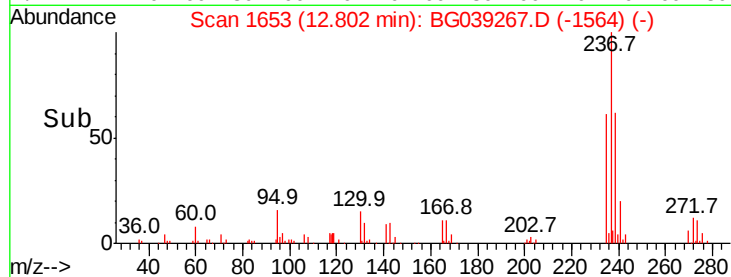
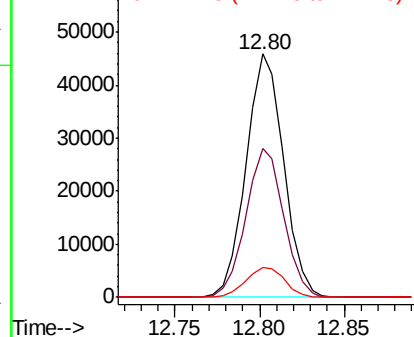
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 70832 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 61.3  | 41.7  | 81.7  |
| 272       | 12.5  | 0.0   | 32.1  |

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



#42

2,4,6-Tribromophenol

Concen: 131.383 ng

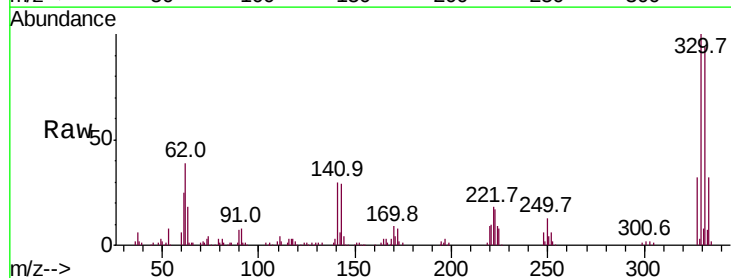
RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

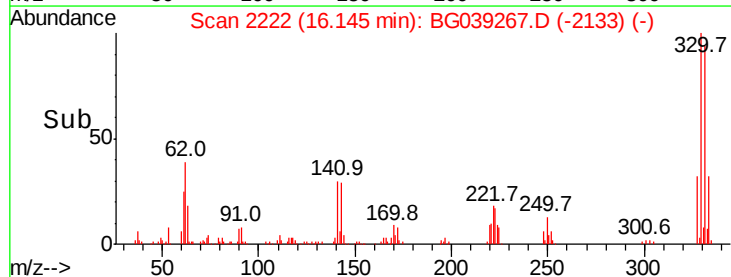
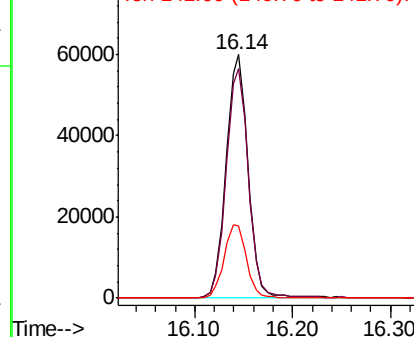
Lab File: BG039267.D

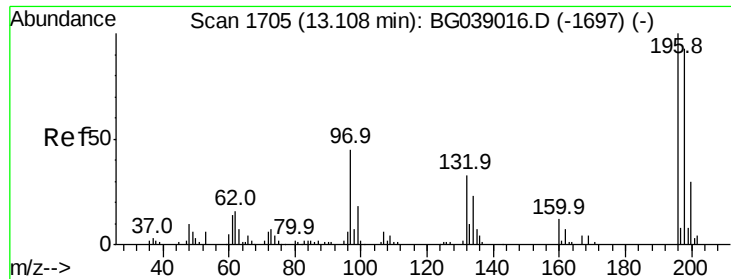
Acq: 23 Jan 2019 17:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 94005 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 95.1  | 75.7  | 113.5 |
| 141       | 30.5  | 24.9  | 37.3  |



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





#43

2,4,6-Trichlorophenol

Concen: 41.599 ng

RT: 13.08 min Scan# 1701

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

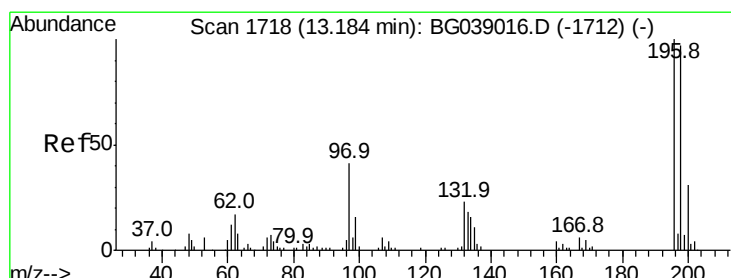
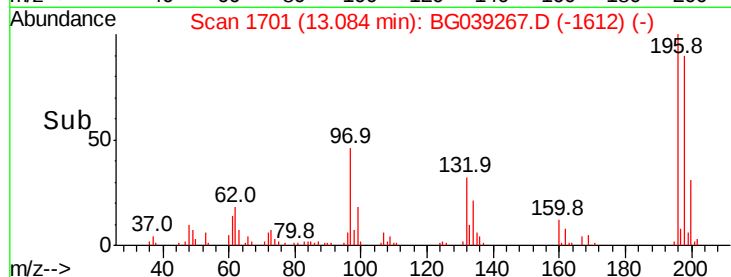
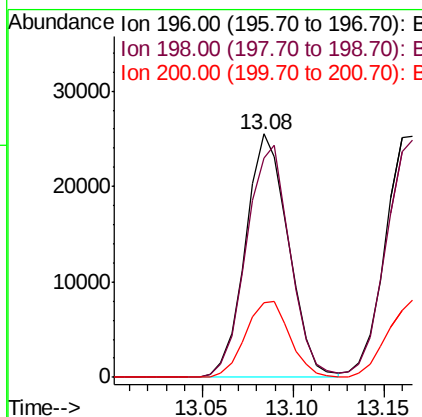
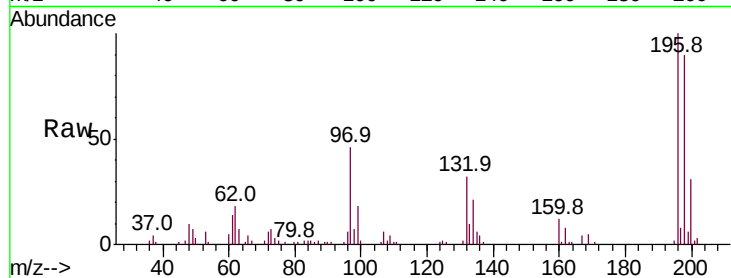
ClientSampled :

IDOC-W-04

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 196   | Resp: | 41970 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 89.9  | 74.5  | 111.7 |
| 200      | 30.7  | 23.8  | 35.6  |

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#44

2,4,5-Trichlorophenol

Concen: 43.200 ng

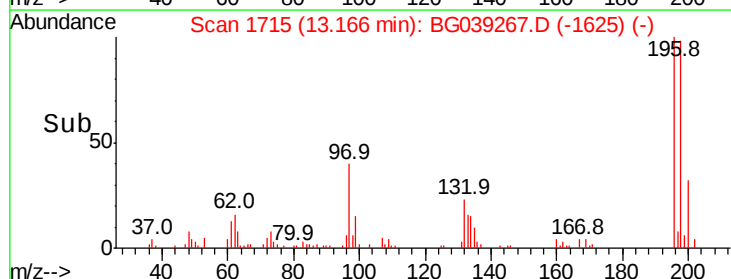
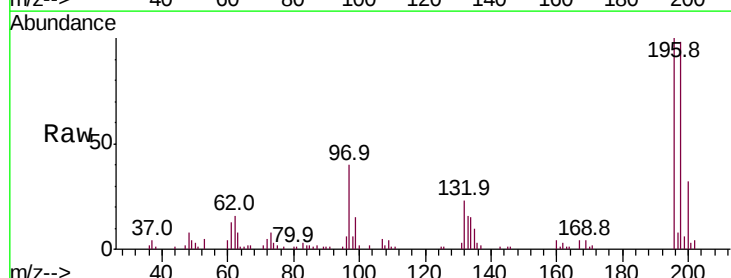
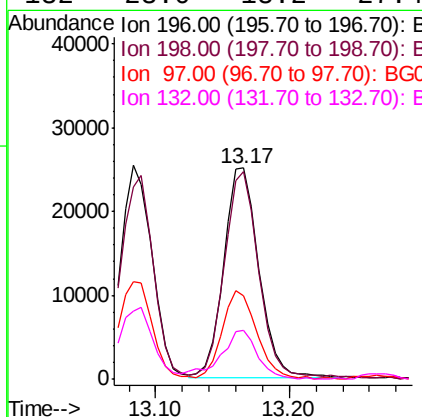
RT: 13.17 min Scan# 1715

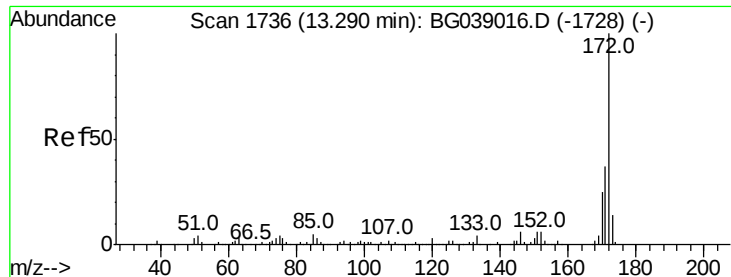
Delta R.T. -0.00 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 196   | Resp: | 46065 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 98.4  | 78.1  | 117.1 |
| 97       | 39.7  | 33.2  | 49.8  |
| 132      | 23.0  | 18.2  | 27.4  |





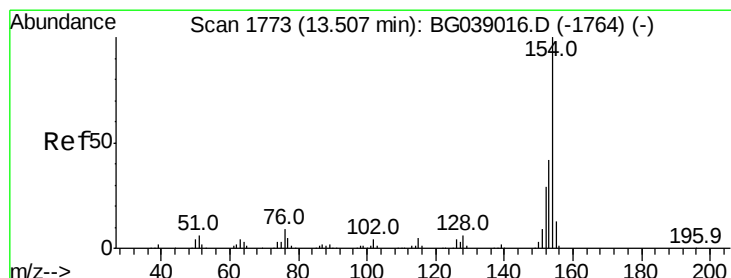
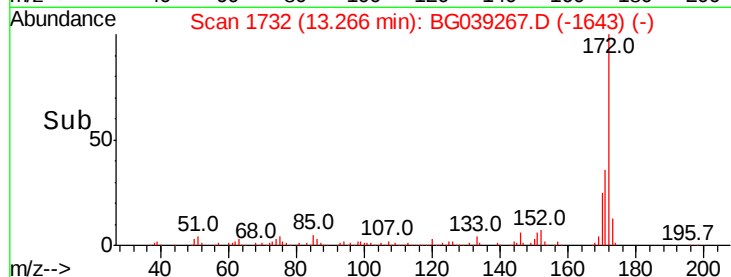
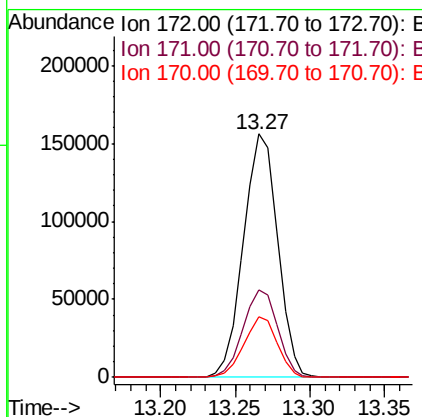
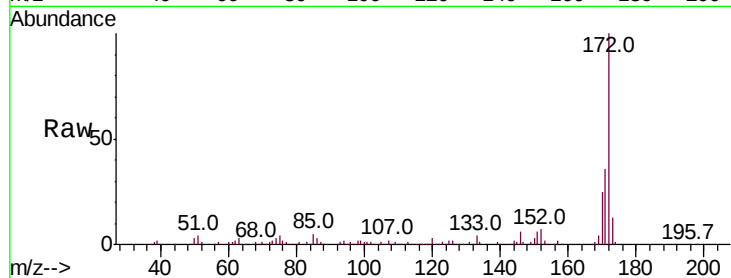
#45  
2-Fluorobiphenyl  
Concen: 79.540 ng  
RT: 13.27 min Scan# 1732  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampled :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 29.4  | 44.0  |
| 170     | 24.7  | 20.1  | 30.1  |

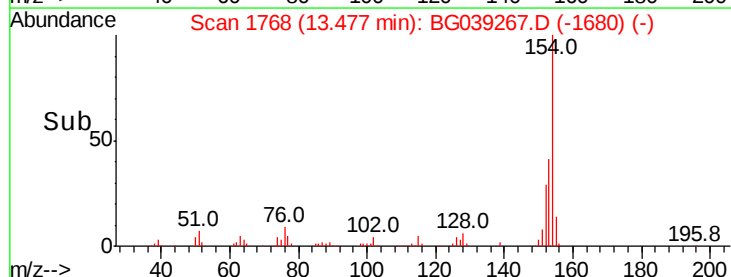
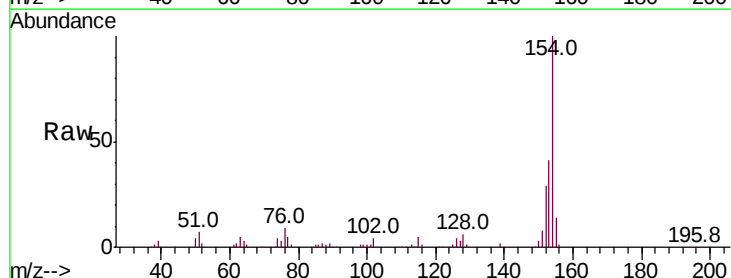
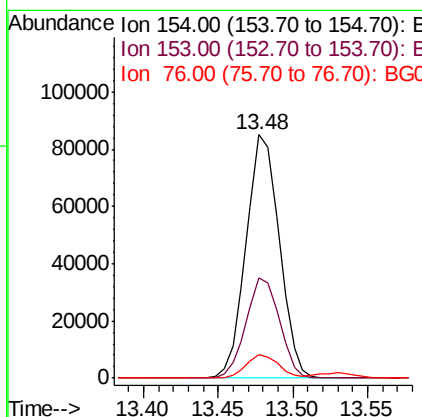
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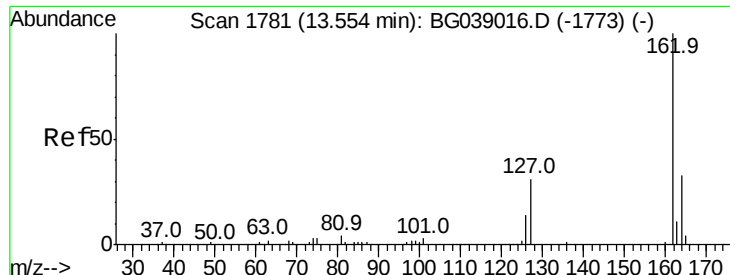
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#46  
1,1'-Biphenyl  
Concen: 38.750 ng  
RT: 13.48 min Scan# 1768  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.2  | 22.4  | 62.4  |
| 76      | 9.4   | 0.0   | 29.4  |





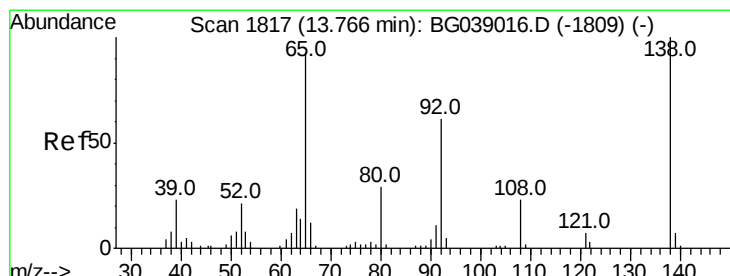
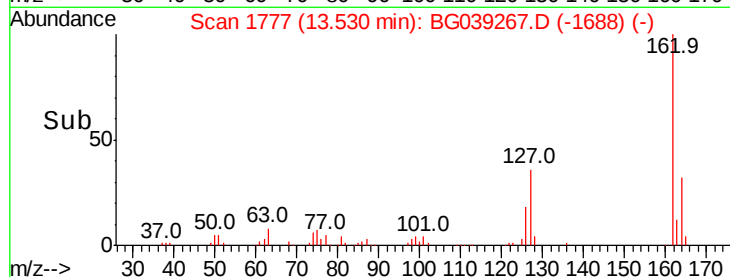
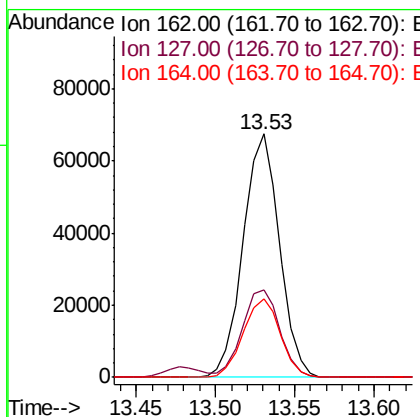
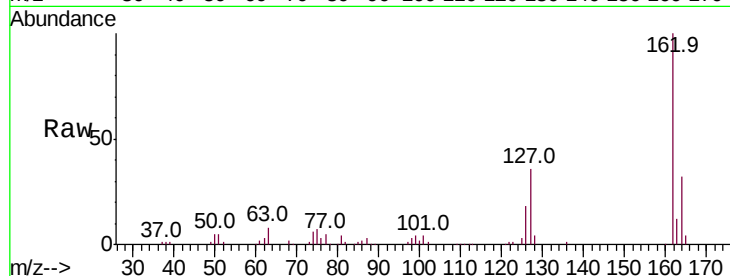
#47  
2-Chloronaphthalene  
Concen: 39.273 ng  
RT: 13.53 min Scan# 1777  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 35.8  | 28.4  | 42.6  |
| 164     | 32.4  | 26.3  | 39.5  |

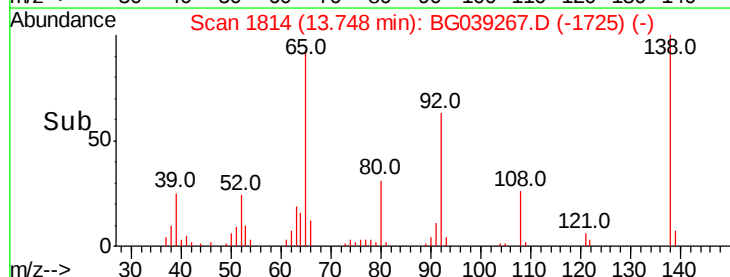
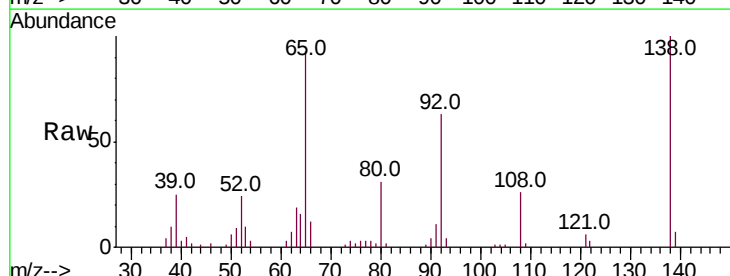
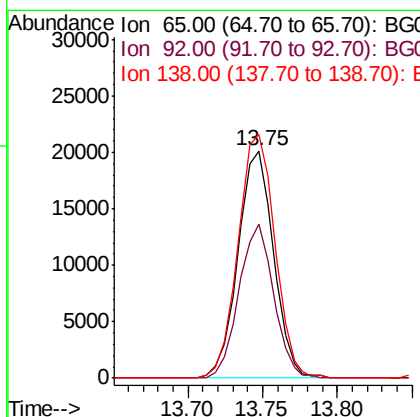
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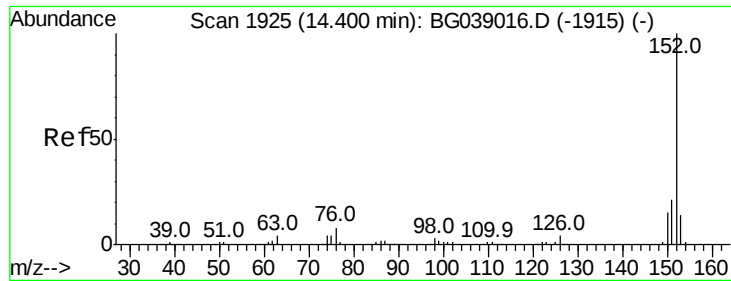
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#48  
2-Nitroaniline  
Concen: 43.344 ng  
RT: 13.75 min Scan# 1814  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.0  | 52.2  | 78.4  |
| 138     | 107.2 | 86.0  | 129.0 |





#49

Acenaphthylene

Concen: 42.712 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

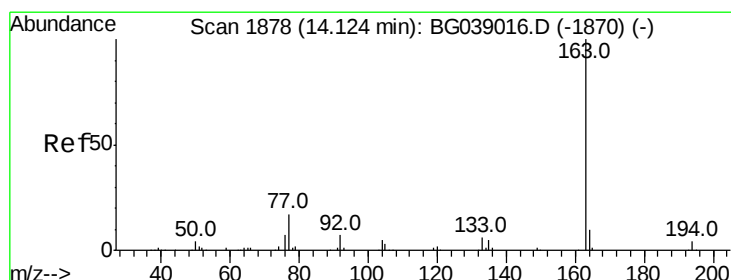
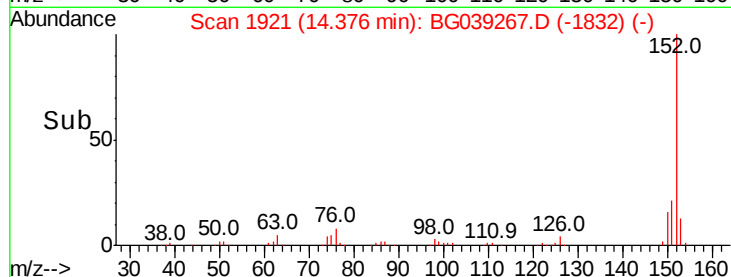
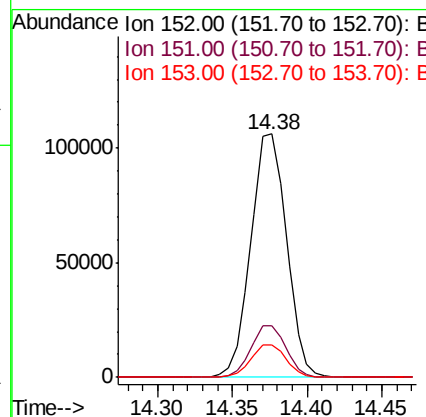
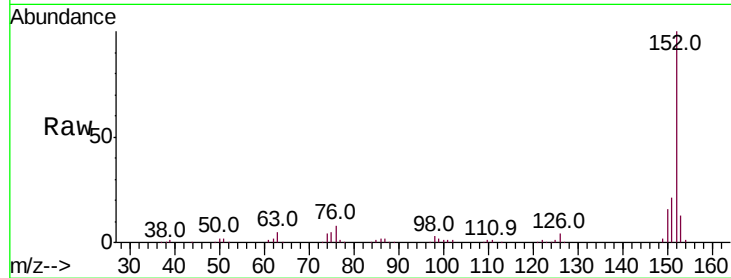
ClientSampleId :

IDOC-W-04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 175711 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.2  | 17.0  | 25.4   |
| 153       | 13.2  | 11.2  | 16.8   |

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#50

Dimethylphthalate

Concen: 40.215 ng

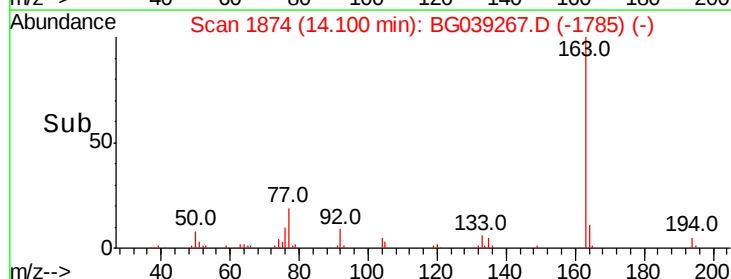
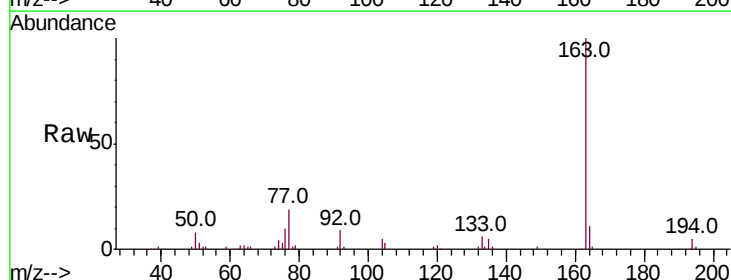
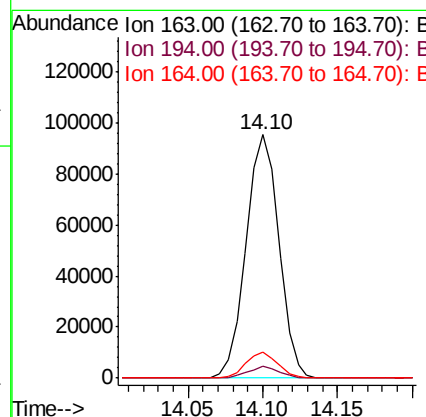
RT: 14.10 min Scan# 1874

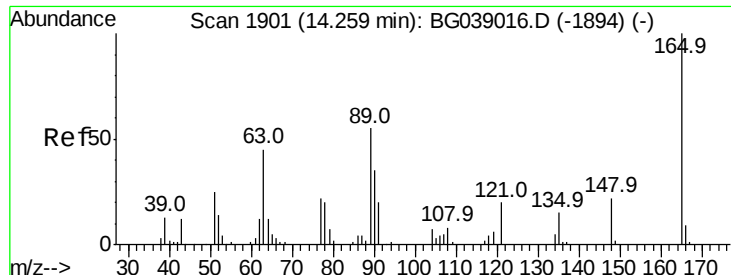
Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 145056 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.8   | 3.6   | 5.4    |
| 164       | 10.6  | 8.2   | 12.2   |





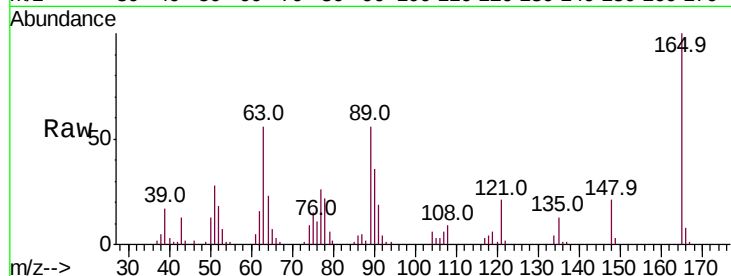
#51  
 2,6-Dinitrotoluene  
 Concen: 41.030 ng  
 RT: 14.24 min Scan# 1897  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampled :  
 IDOC-W-04

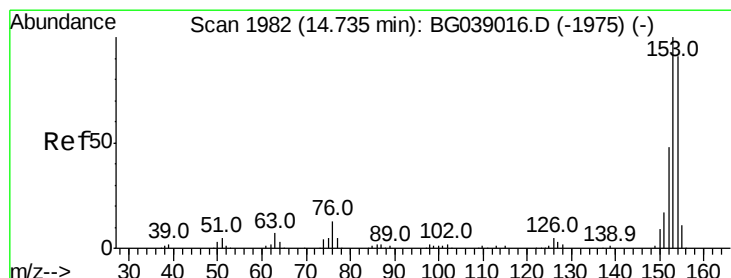
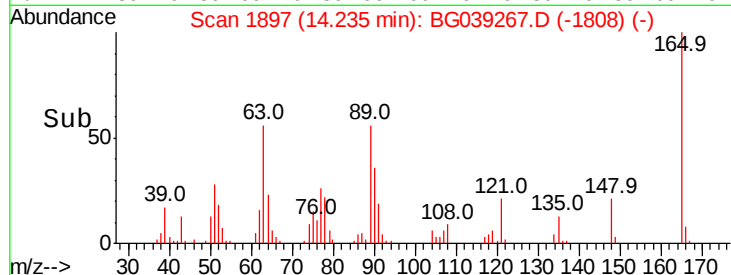
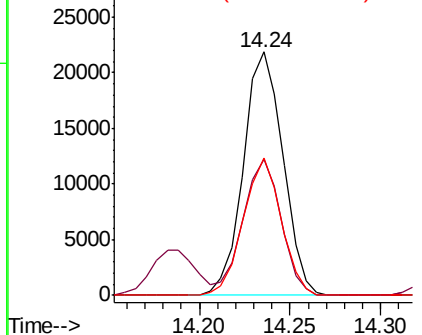
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 56.1  | 43.6 | 65.4  |       |
| 89      | 56.5  | 43.7 | 65.5  |       |

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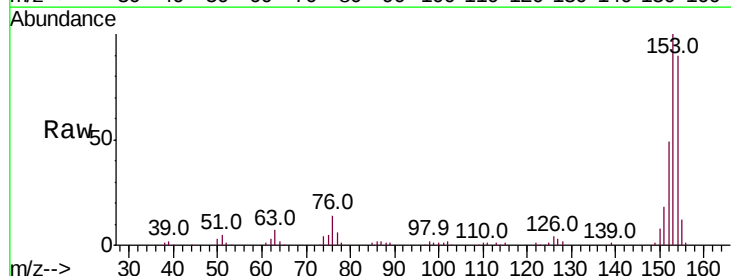


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

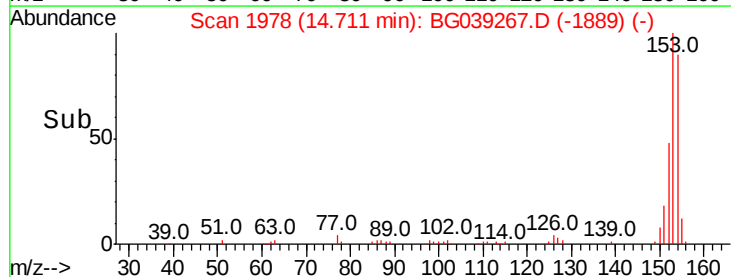
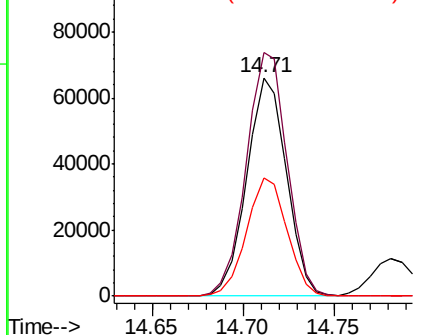


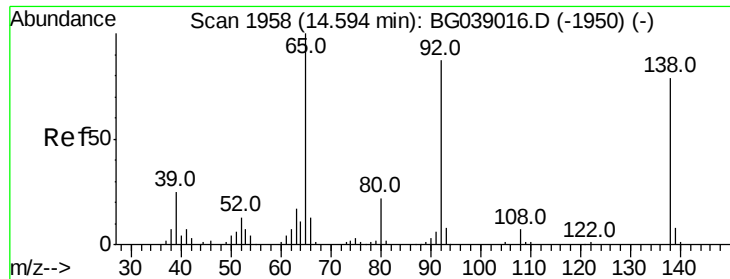
#52  
 Acenaphthene  
 Concen: 40.753 ng  
 RT: 14.71 min Scan# 1978  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 111.4 | 87.9 | 131.9 |       |
| 152     | 54.3  | 42.2 | 63.2  |       |



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E





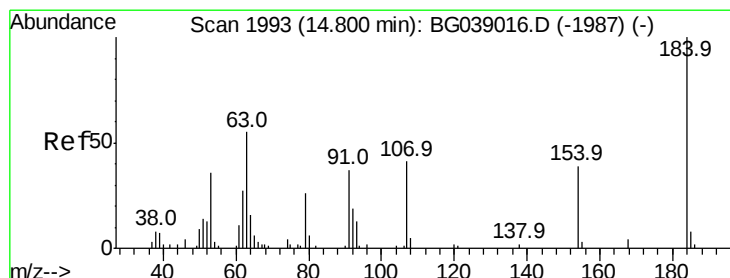
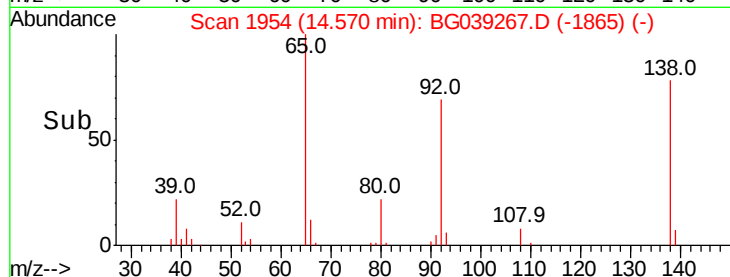
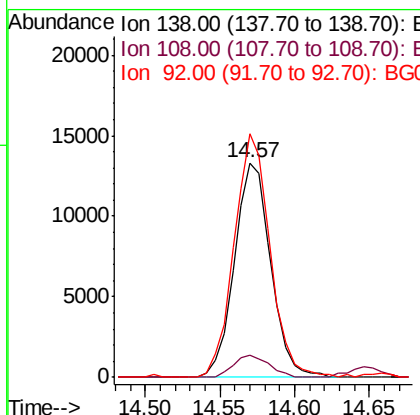
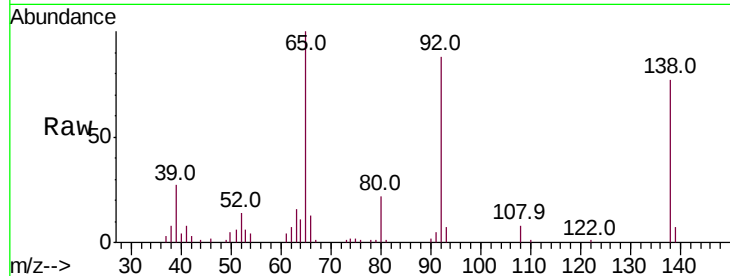
#53  
3-Nitroaniline  
Concen: 27.467 ng  
RT: 14.57 min Scan# 1954  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

Tot Ion:138 Resp: 22470  
Ion Ratio Lower Upper  
138 100  
108 10.2 7.4 11.0  
92 113.5 88.2 132.4

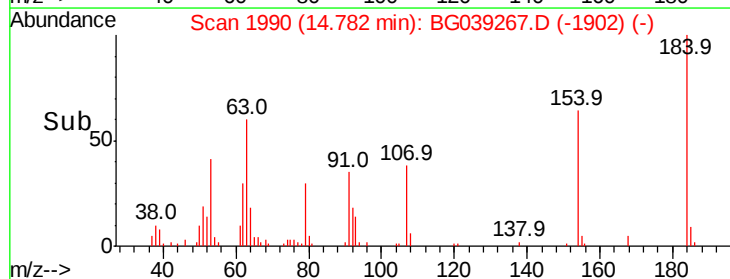
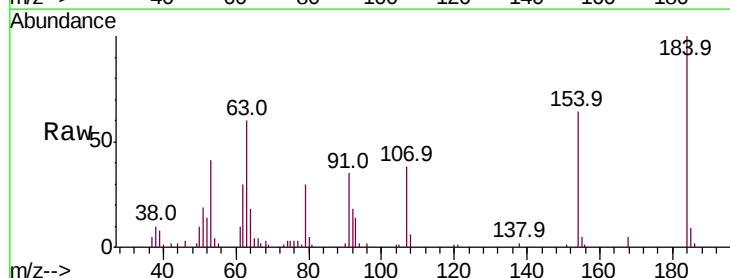
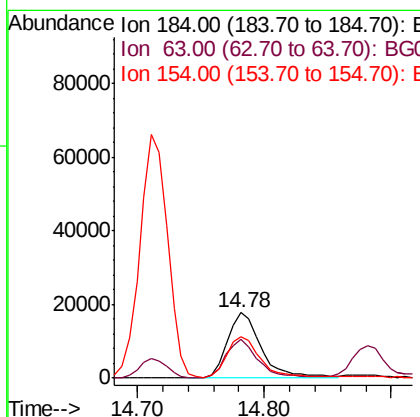
Manual Integrations  
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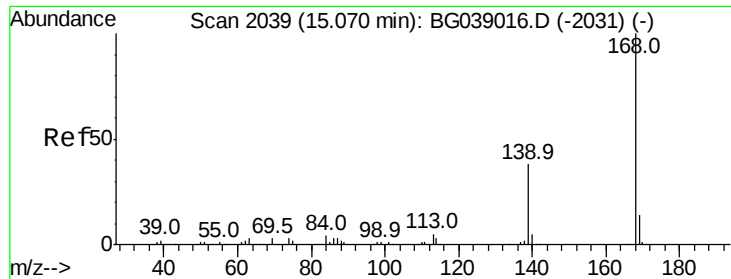
Sohil  
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#54  
2,4-Dinitrophenol  
Concen: 69.290 ng  
RT: 14.78 min Scan# 1990  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Tgt Ion:184 Resp: 33035  
Ion Ratio Lower Upper  
184 100  
63 59.9 44.0 66.0  
154 64.1 46.1 69.1





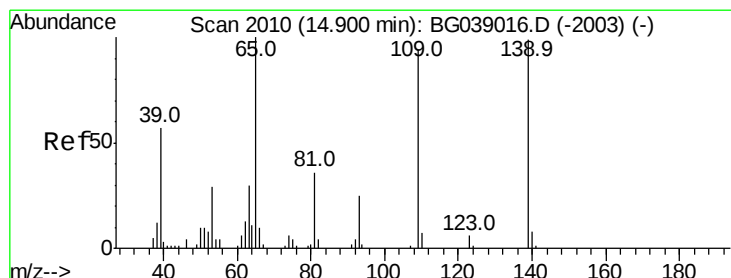
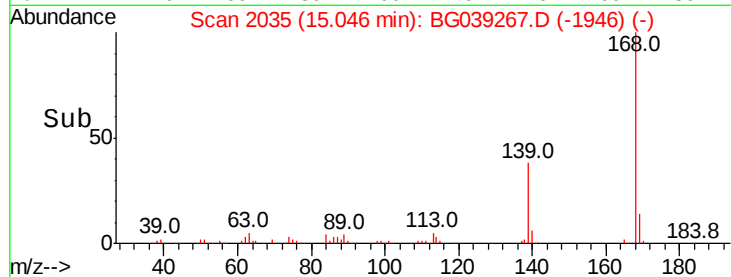
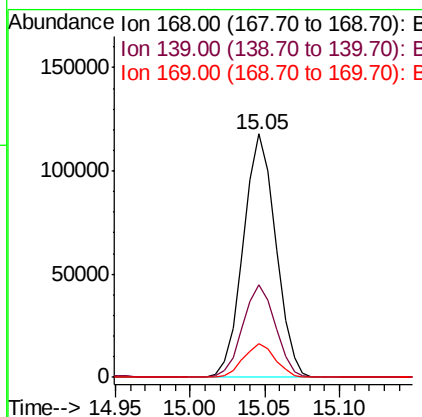
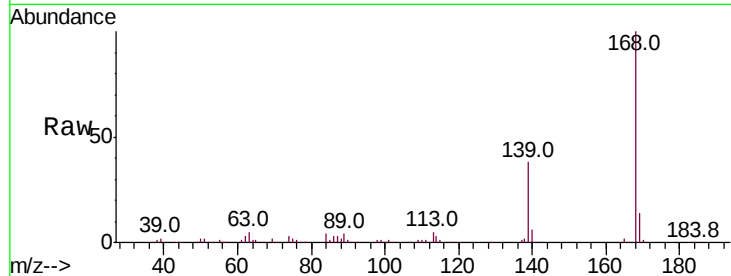
#55  
Dibenzenofuran  
Concen: 40.664 ng  
RT: 15.05 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.0  | 30.1  | 45.1  |
| 169     | 14.0  | 10.9  | 16.3  |

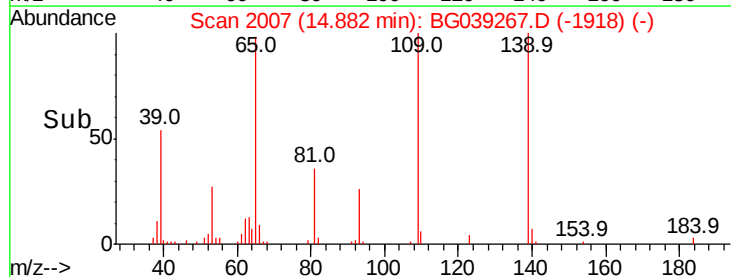
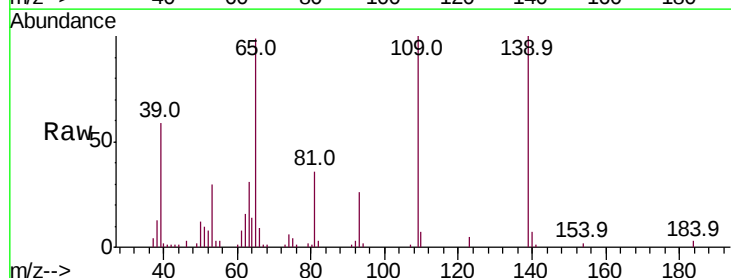
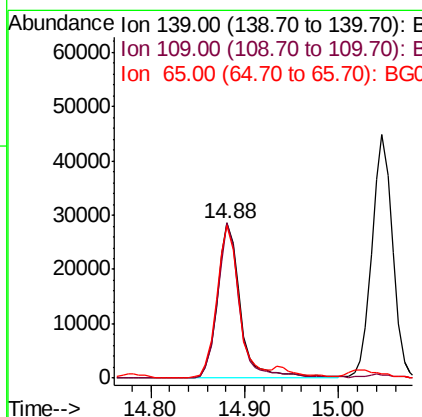
Manual Integrations  
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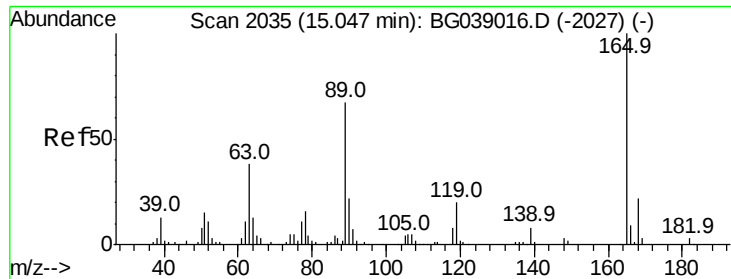
Sohil  
1/24/2019 12:16:08 PM



#56  
4-Nitrophenol  
Concen: 83.180 ng  
RT: 14.88 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 100.1 | 75.6  | 115.6 |
| 65      | 98.9  | 81.2  | 121.2 |





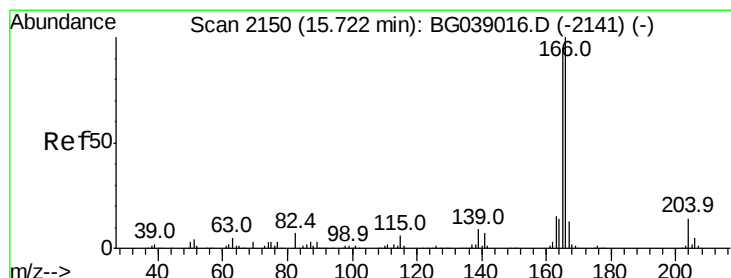
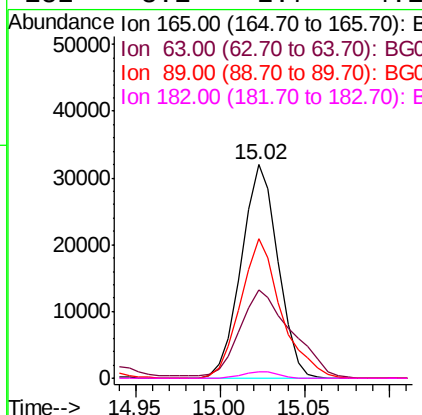
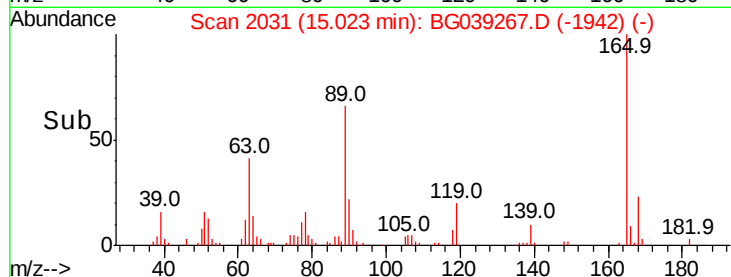
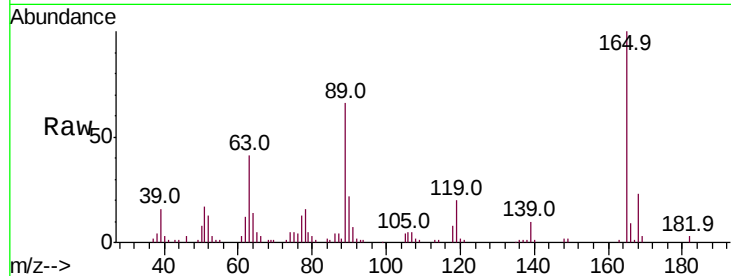
#57  
2,4-Dinitrotoluene  
Concen: 41.809 ng  
RT: 15.02 min Scan# 2031  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampled :  
IDOC-W-04

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 48372 |       |       |
| 63      | 41.2  |       | 30.2  | 45.4  |
| 89      | 65.6  |       | 53.2  | 79.8  |
| 182     | 3.1   |       | 2.7   | 4.1   |

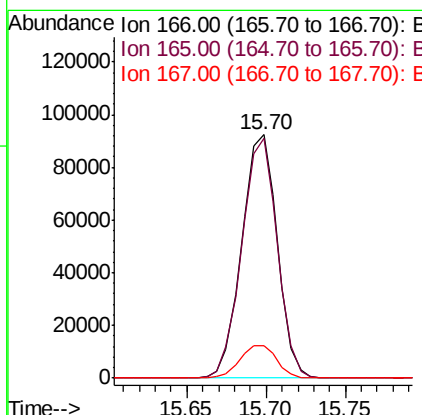
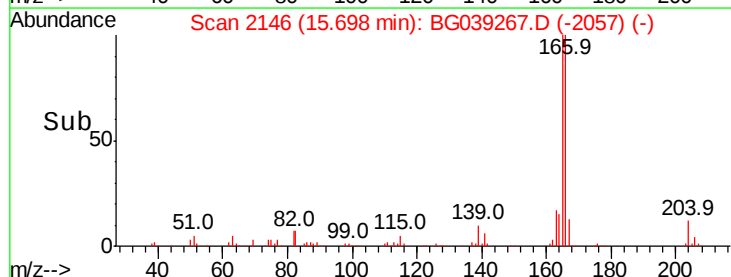
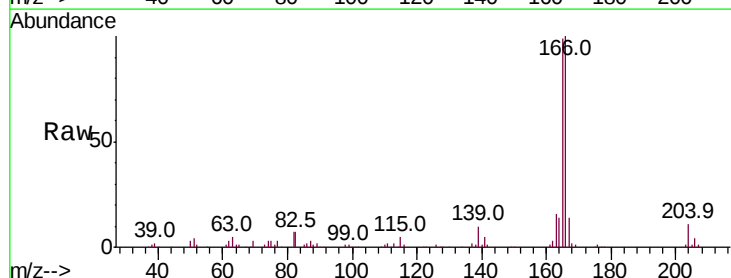
Manual Integrations  
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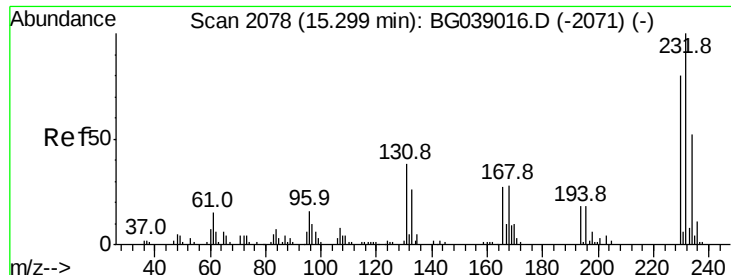
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#58  
Fluorene  
Concen: 43.570 ng  
RT: 15.70 min Scan# 2146  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 143165 |       |       |
| 165     | 98.5  |        | 76.2  | 114.2 |
| 167     | 13.6  |        | 10.6  | 16.0  |





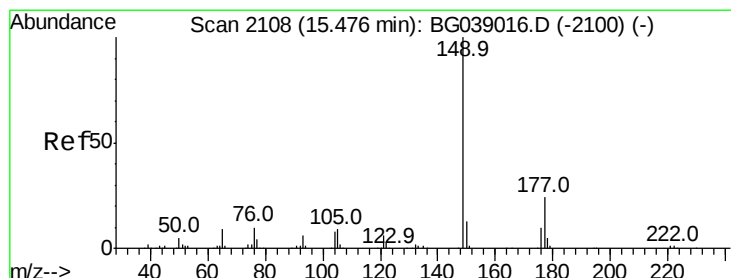
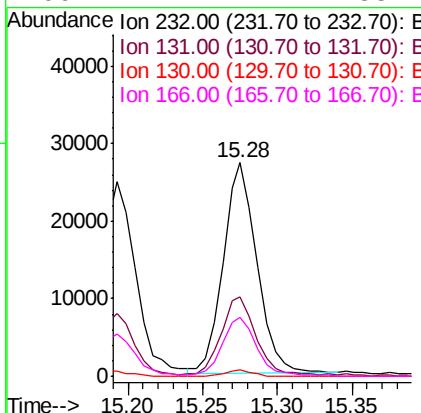
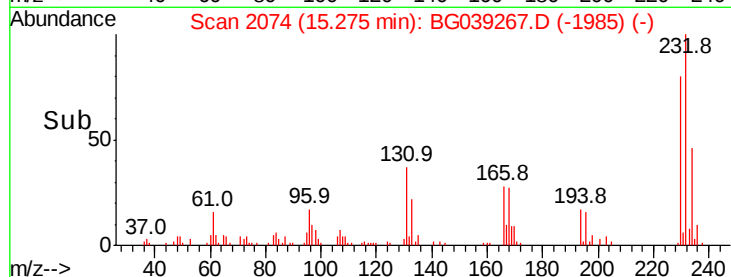
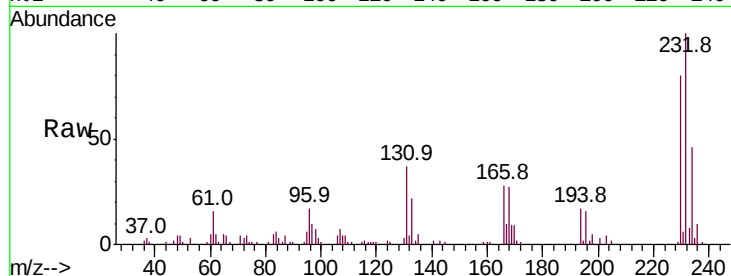
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.622 ng  
 RT: 15.28 min Scan# 2074  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 38.2  | 30.9  | 46.3  |
| 130     | 2.2   | 1.9   | 2.9   |
| 166     | 27.4  | 22.1  | 33.1  |

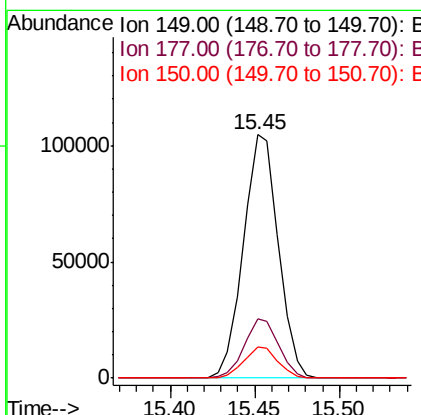
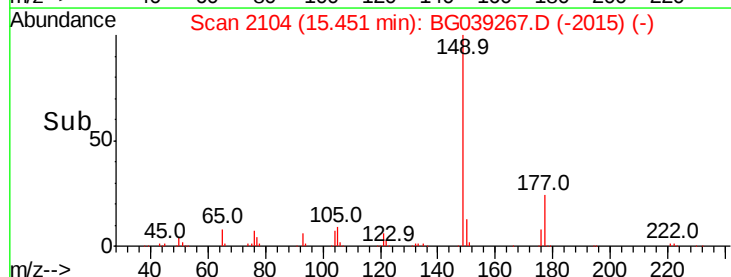
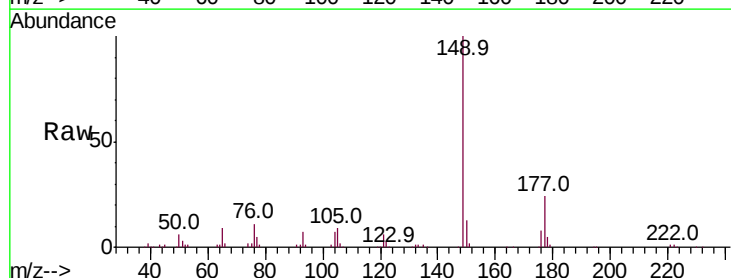
Manual Integrations  
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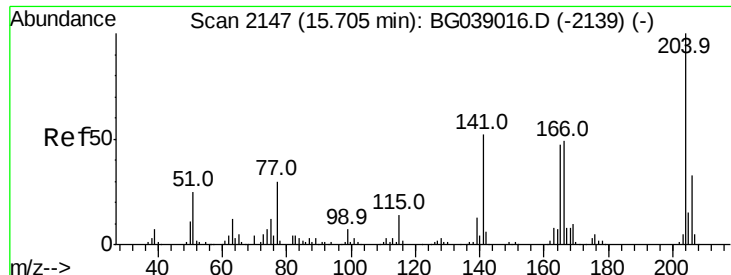
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 1/24/2019 12:16:08 PM



#60  
 Diethylphthalate  
 Concen: 40.500 ng  
 RT: 15.45 min Scan# 2104  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.2  | 19.0  | 28.6  |
| 150     | 12.7  | 10.2  | 15.4  |





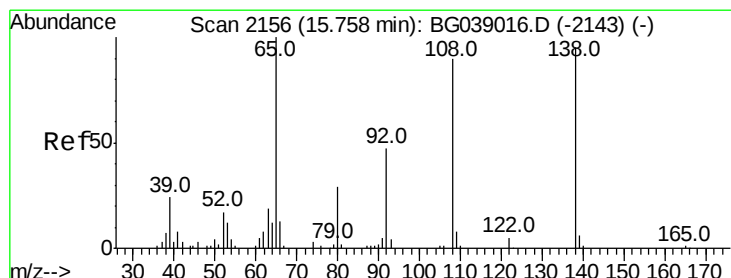
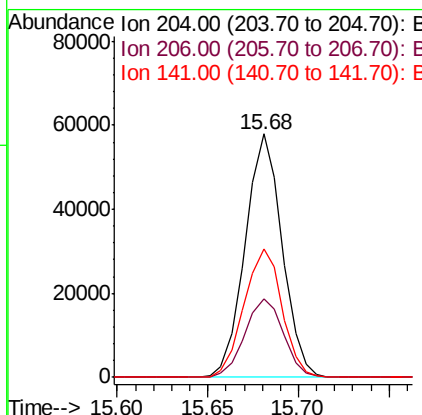
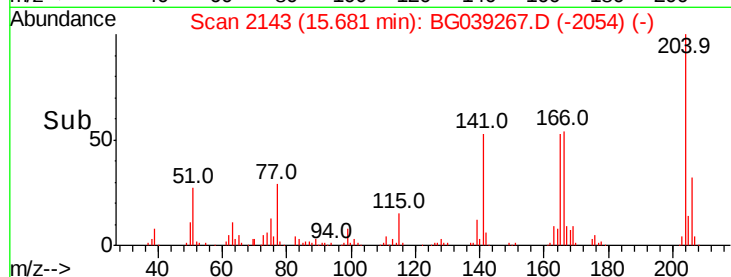
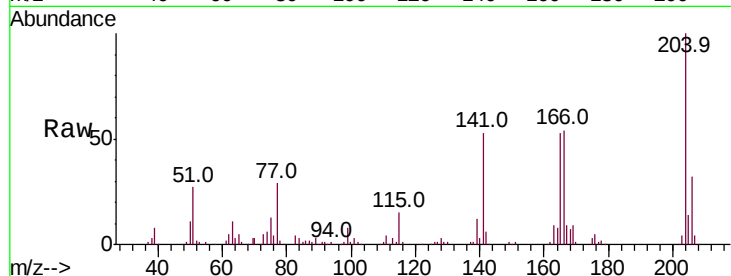
#61  
4-Chlorophenyl-phenylether  
Concen: 39.540 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampled :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.1  | 26.6  | 39.8  |
| 141     | 52.6  | 41.4  | 62.0  |

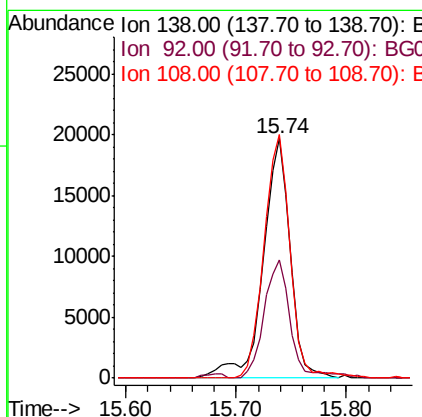
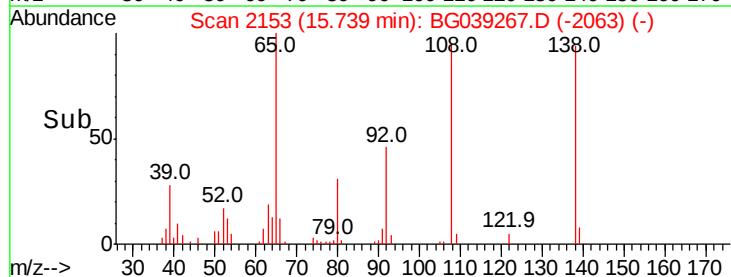
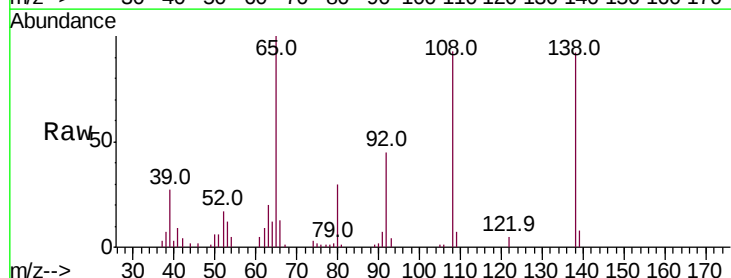
Manual Integrations  
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#62  
4-Nitroaniline  
Concen: 39.735 ng  
RT: 15.74 min Scan# 2153  
Delta R.T. -0.00 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.4  | 29.7  | 69.7  |
| 108     | 101.8 | 75.7  | 115.7 |





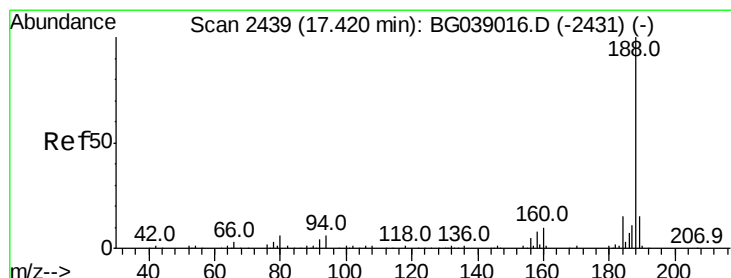
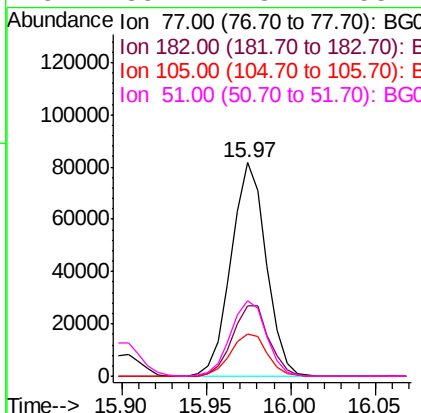
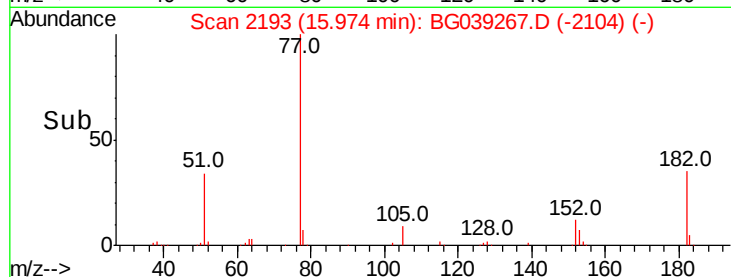
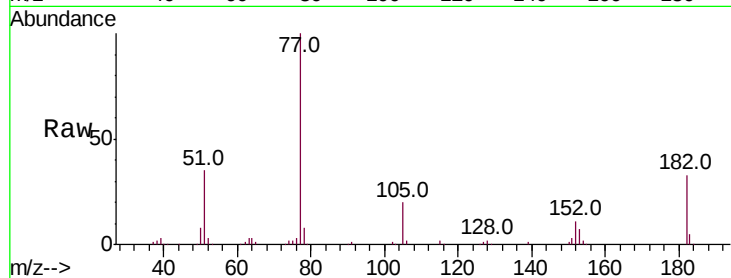
#63  
Azobenzene  
Concen: 40.554 ng  
RT: 15.97 min Scan# 2193  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 32.8  | 12.2  | 52.2  |
| 105     | 20.0  | 1.2   | 41.2  |
| 51      | 35.2  | 13.4  | 53.4  |

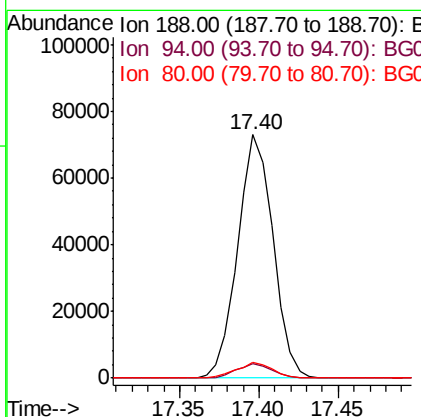
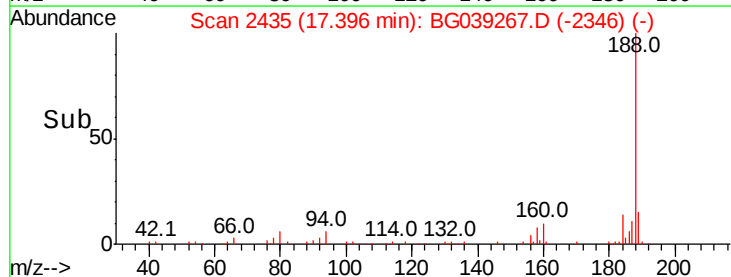
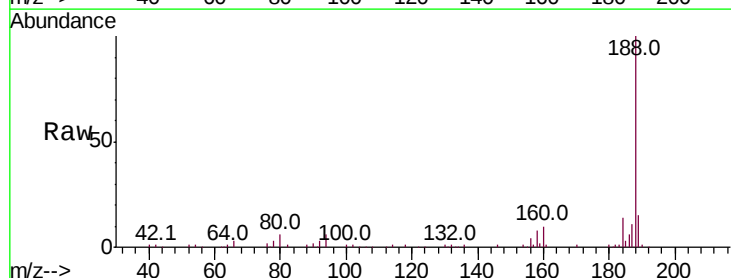
Manual Integrations  
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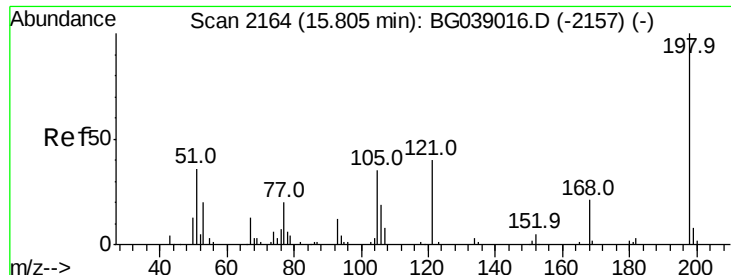
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.40 min Scan# 2435  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.8   | 5.0   | 7.4   |
| 80      | 6.4   | 4.7   | 7.1   |





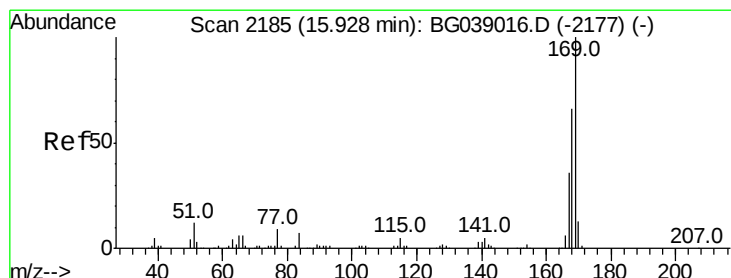
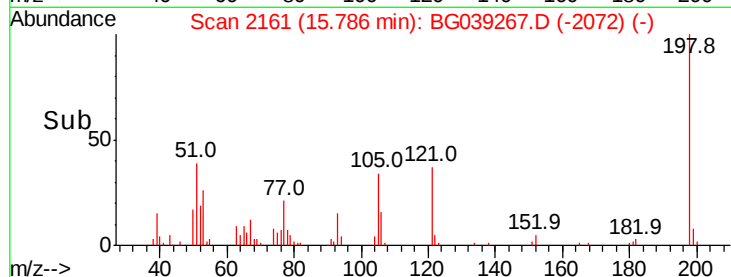
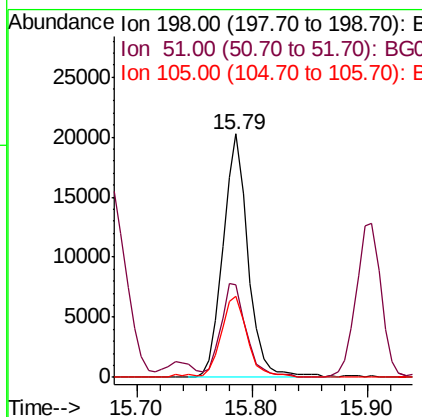
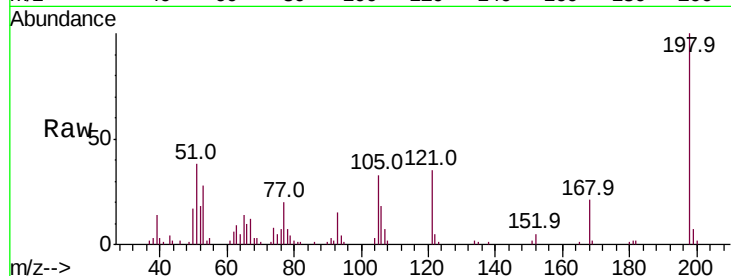
#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.305 ng  
RT: 15.79 min Scan# 2161  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampled :  
IDOC-W-04

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 30369 |       |       |
| 51      | 37.8  |       | 20.8  | 60.8  |
| 105     | 33.1  |       | 16.1  | 56.1  |

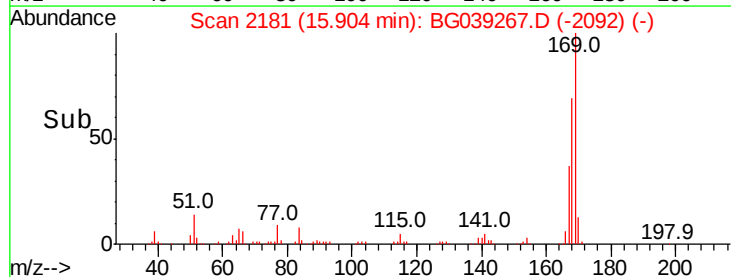
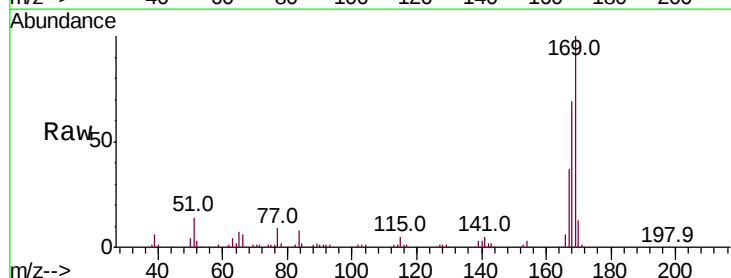
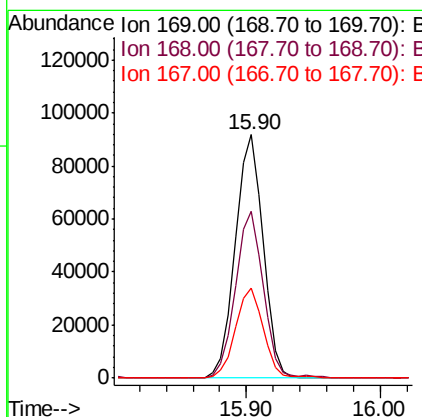
Manual Integrations  
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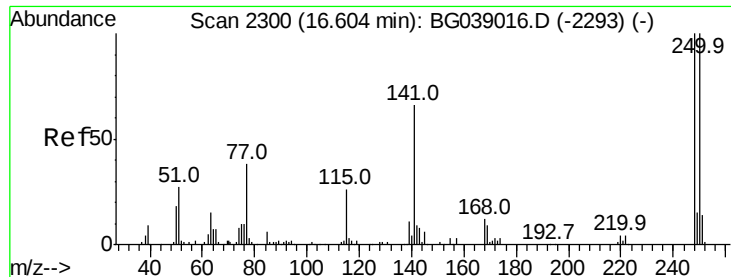
Sohil  
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#66  
n-Nitrosodiphenylamine  
Concen: 39.667 ng  
RT: 15.90 min Scan# 2181  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 132774 |       |       |
| 168     | 68.6  |        | 53.2  | 79.8  |
| 167     | 36.8  |        | 29.1  | 43.7  |





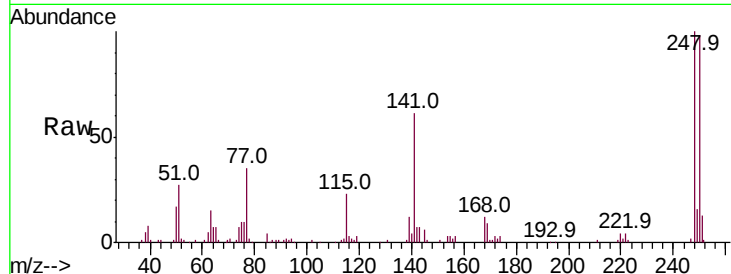
#67  
 4-Bromophenyl-phenylether  
 Concen: 38.322 ng  
 RT: 16.58 min Scan# 2296  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampled :  
 IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.4  | 79.9  | 119.9 |
| 141     | 61.0  | 52.7  | 79.1  |

Manual Integrations  
 APPROVED

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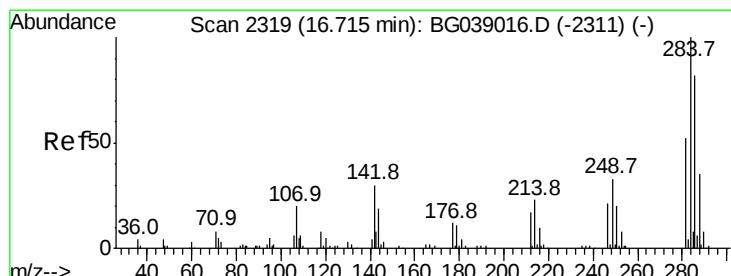
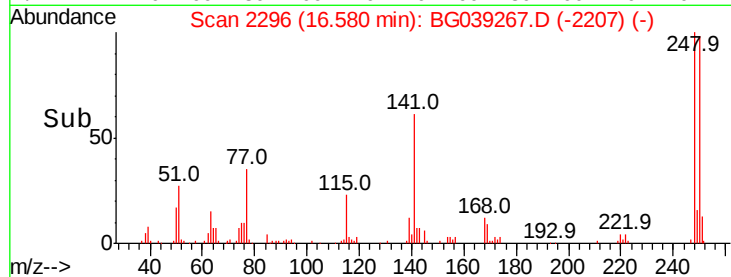
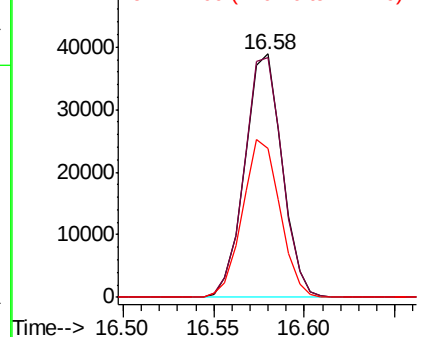


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 38.389 ng  
 RT: 16.69 min Scan# 2315  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

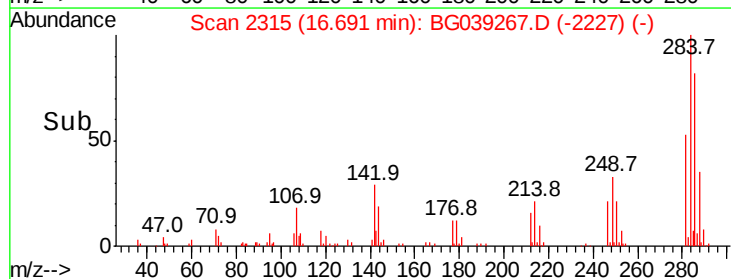
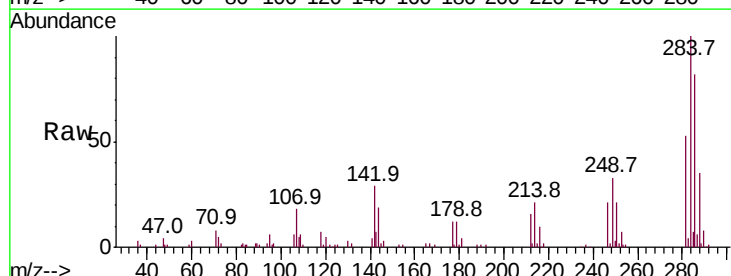
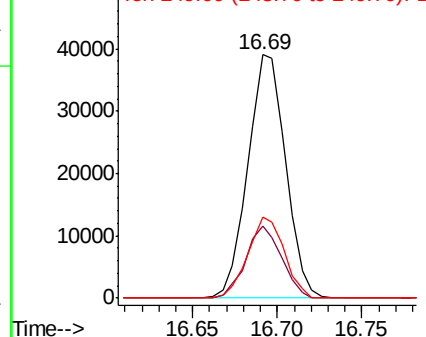
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.4  | 24.3  | 36.5  |
| 249     | 36.0  | 27.8  | 41.8  |

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





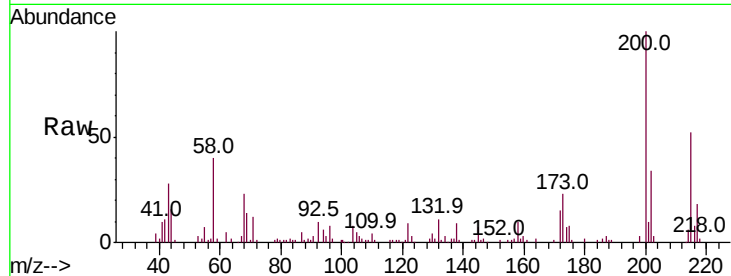
#69  
Atrazine  
Concen: 38.552 ng  
RT: 16.84 min Scan# 2341  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampled :  
IDOC-W-04

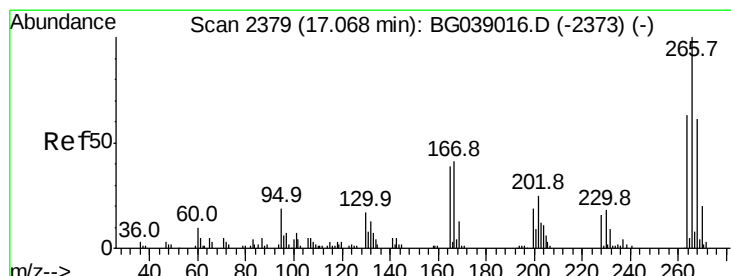
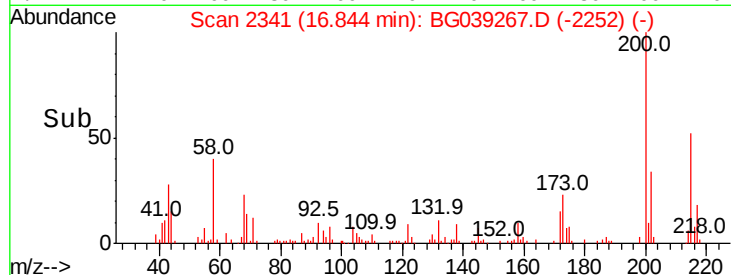
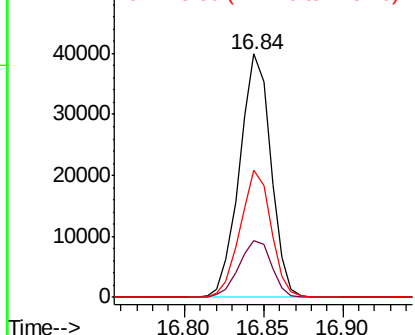
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.4  | 2.6   | 42.6  |
| 215     | 52.0  | 28.0  | 68.0  |

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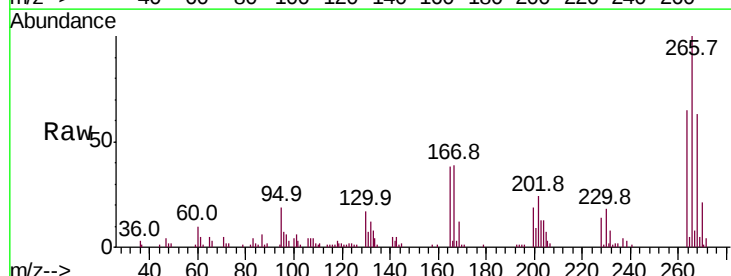


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

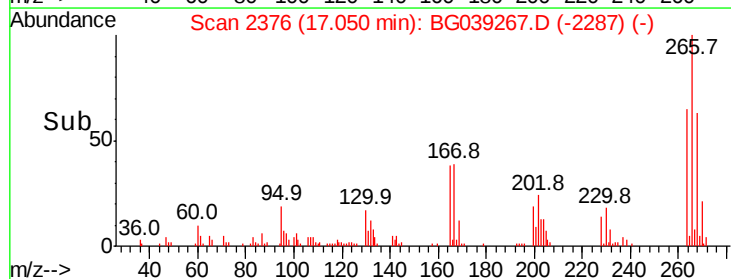
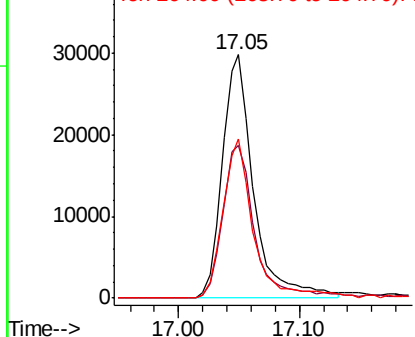


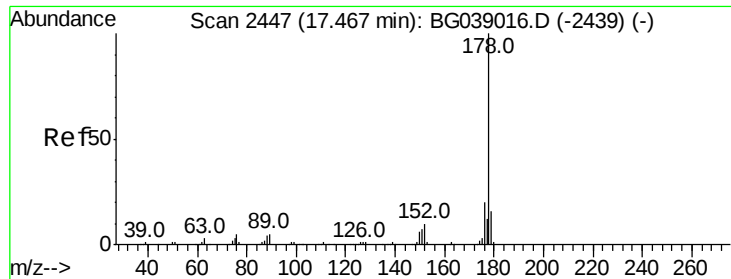
#70  
Pentachlorophenol  
Concen: 56.437 ng  
RT: 17.05 min Scan# 2376  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.6  | 52.0  | 78.0  |
| 264     | 65.3  | 54.6  | 81.8  |



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





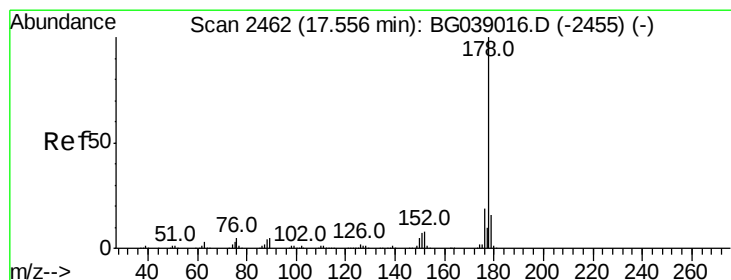
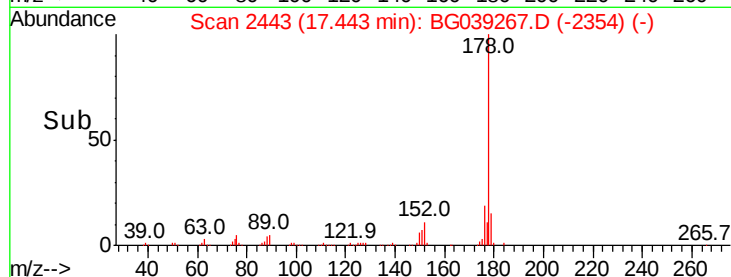
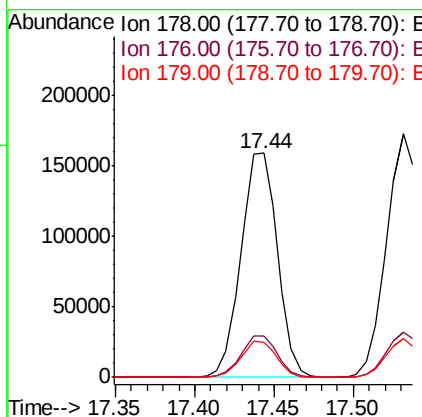
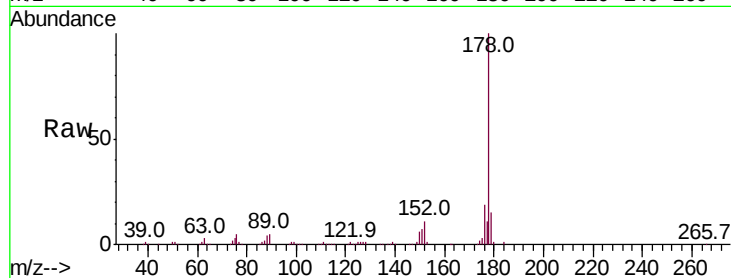
#71  
Phenanthrene  
Concen: 42.623 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.7  | 23.5  |
| 179     | 15.4  | 12.9  | 19.3  |

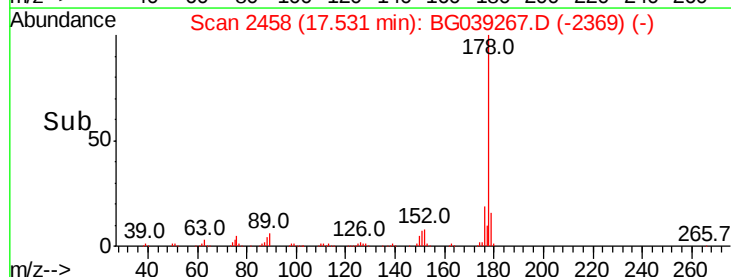
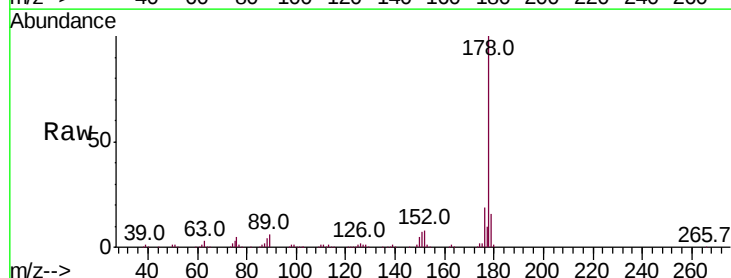
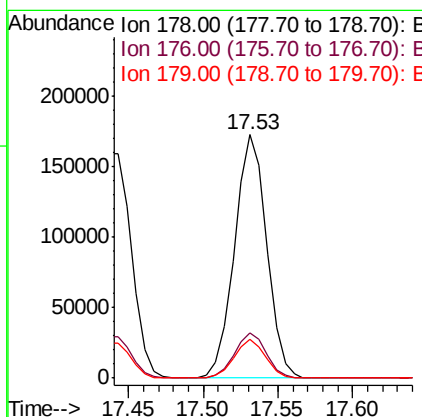
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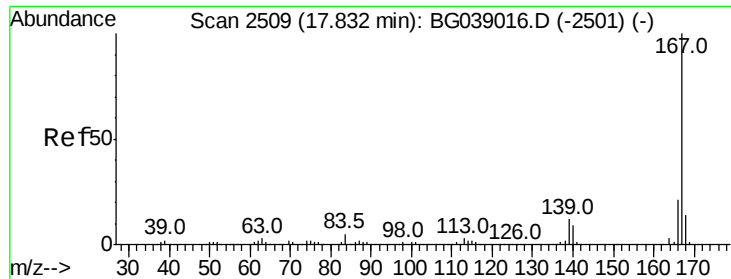
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#72  
Anthracene  
Concen: 43.816 ng  
RT: 17.53 min Scan# 2458  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 14.9  | 22.3  |
| 179     | 16.1  | 13.0  | 19.4  |





#73

Carbazole

Concen: 38.476 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

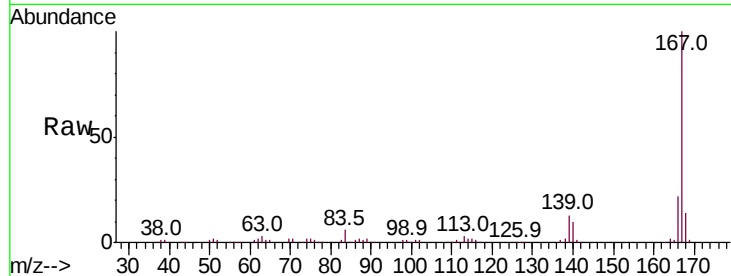
ClientSampleId :

IDOC-W-04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 224127 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.0  | 16.9  | 25.3   |
| 139       | 12.6  | 10.0  | 15.0   |

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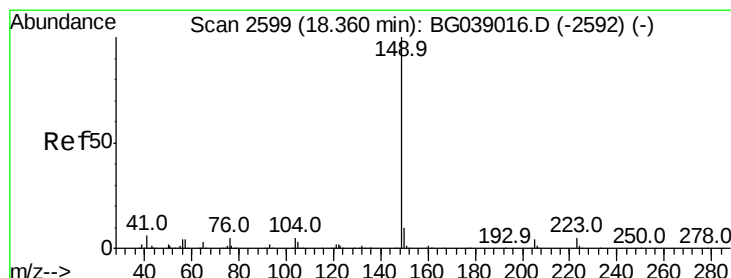
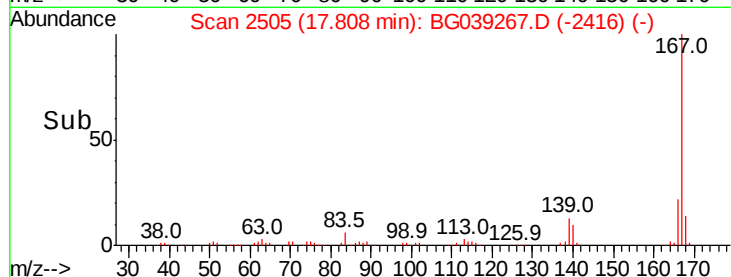
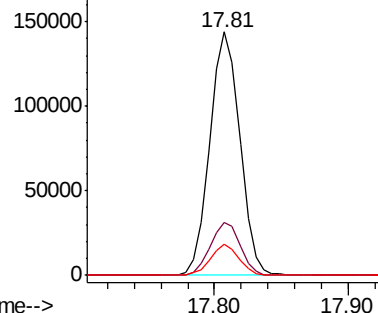


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.569 ng

RT: 18.34 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

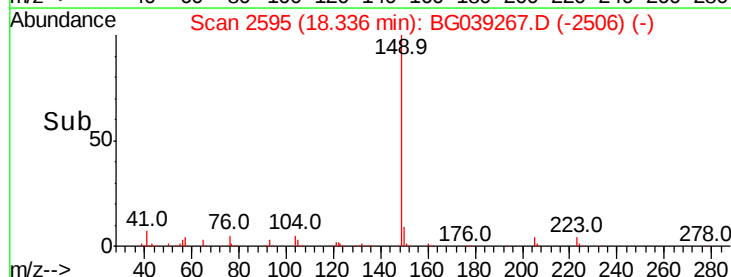
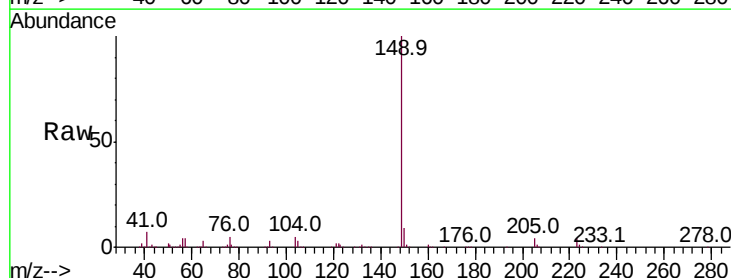
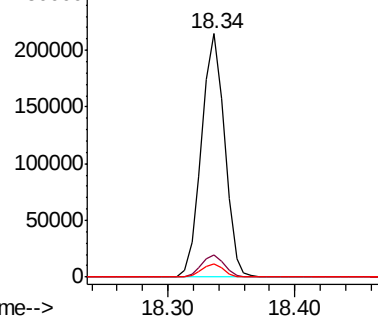
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 269382 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.2   | 7.9   | 11.9   |
| 104       | 5.5   | 4.2   | 6.2    |

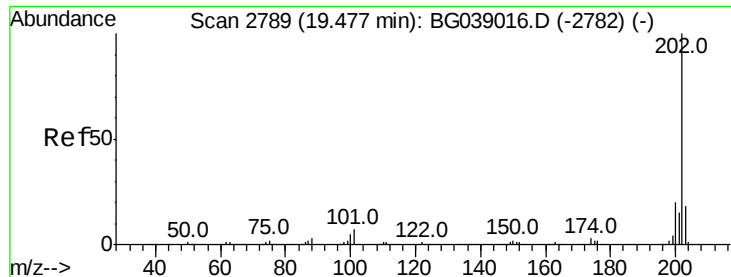
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.437 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

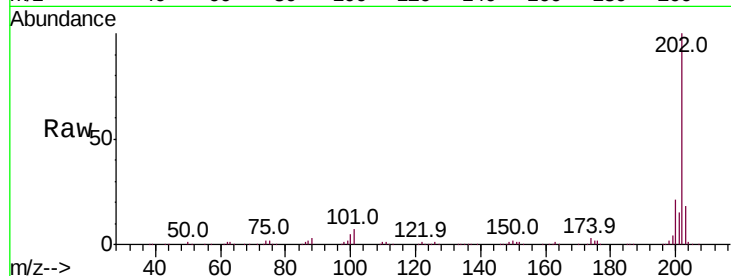
ClientSampleId :

IDOC-W-04

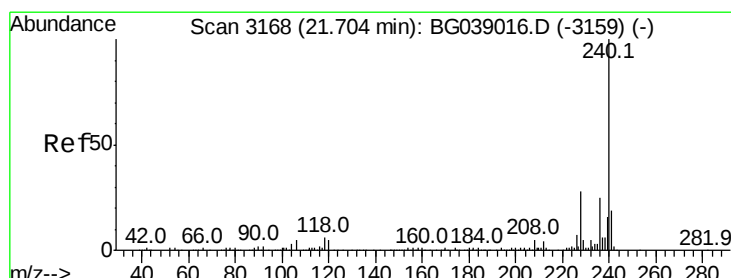
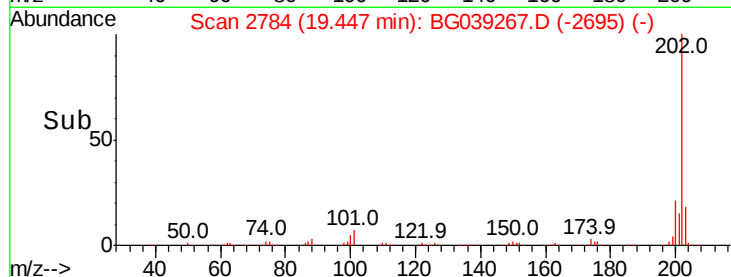
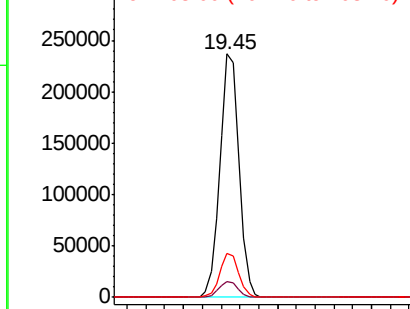
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 336161 |       |       |
| 101     | 6.6   | 0.0    | 26.9  |       |
| 203     | 18.0  | 0.0    | 38.1  |       |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

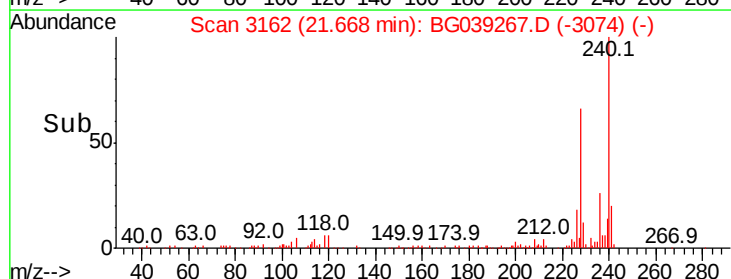
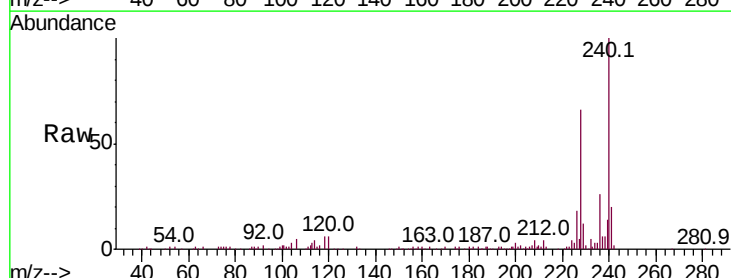
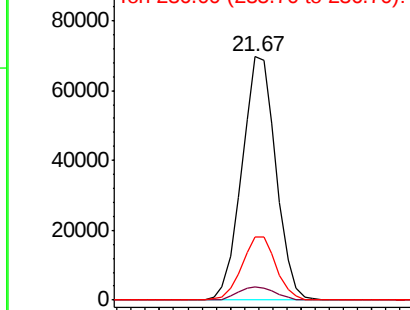
Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 117112 |       |       |
| 120     | 5.5   | 4.3    | 6.5   |       |
| 236     | 25.7  | 20.1   | 30.1  |       |

Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.025 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

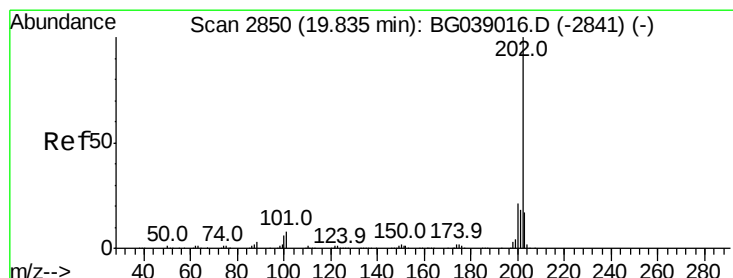
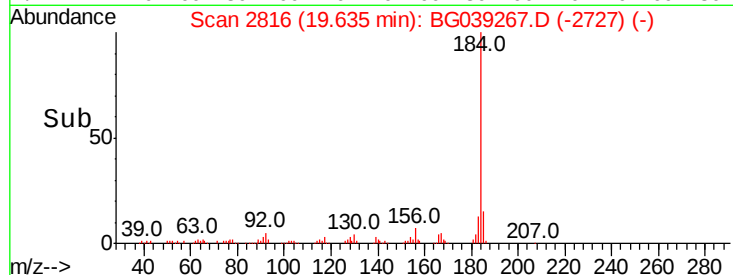
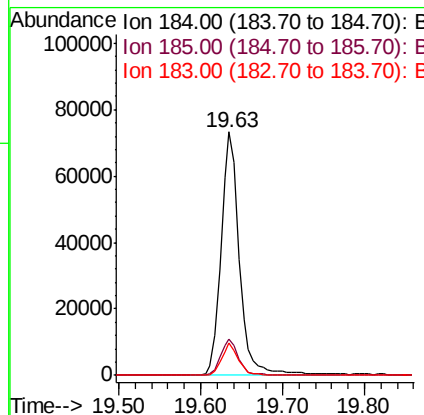
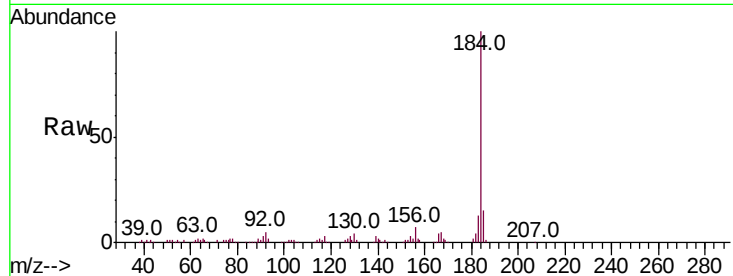
ClientSampled :

IDOC-W-04

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 15.1  | 12.1 | 18.1  |       |
| 183     | 13.2  | 9.5  | 14.3  |       |

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#78

Pyrene

Concen: 43.174 ng

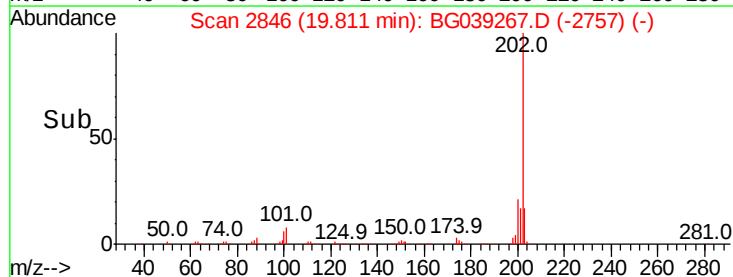
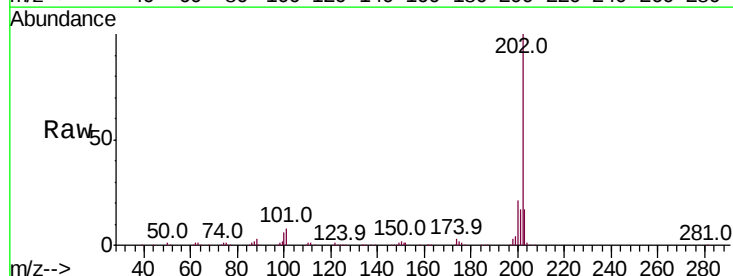
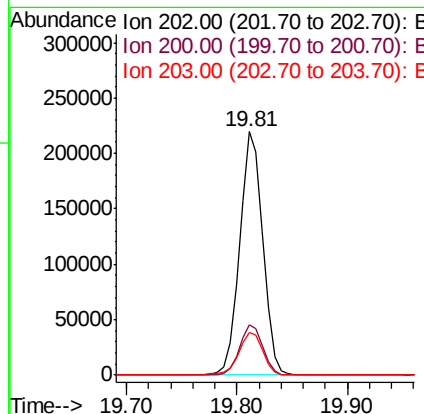
RT: 19.81 min Scan# 2846

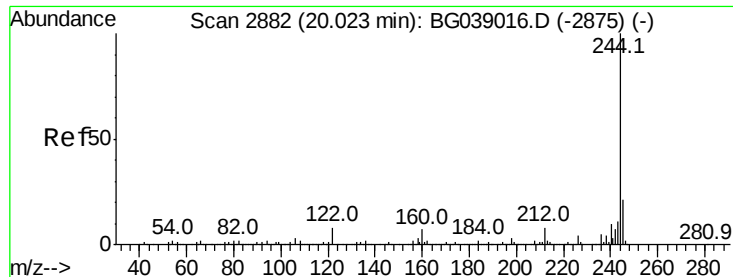
Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 20.7  | 17.0 | 25.6  |       |
| 203     | 17.5  | 14.0 | 21.0  |       |





#79

Terphenyl-d14

Concen: 87.493 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

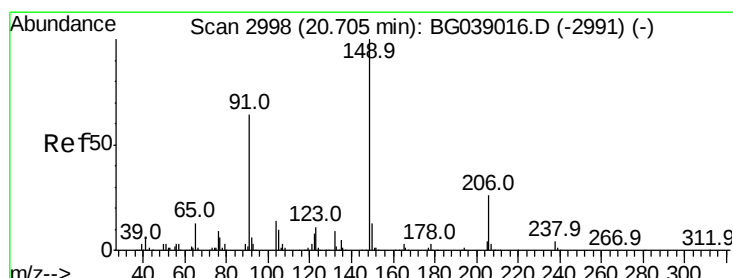
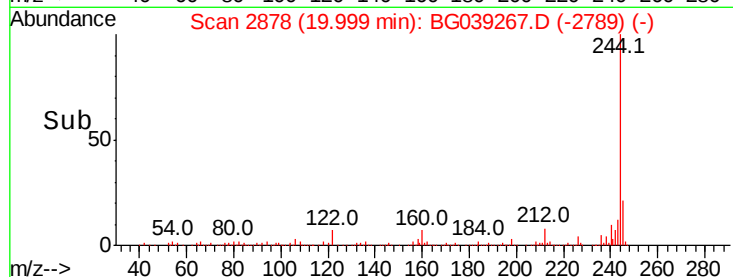
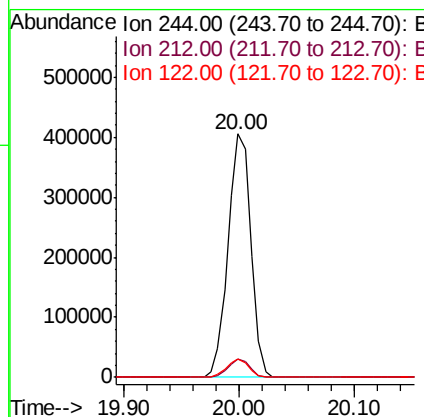
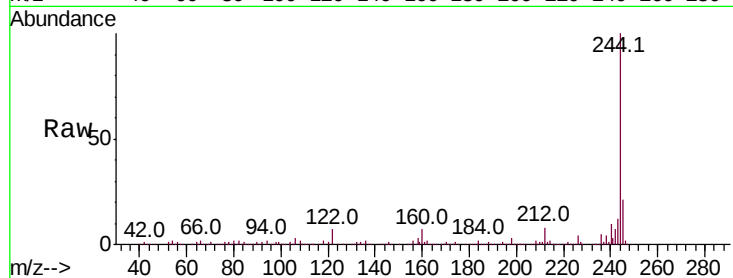
ClientSampled :

IDOC-W-04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 553893 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.7   | 6.1   | 9.1    |
| 122       | 7.4   | 6.1   | 9.1    |

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#80

Butylbenzylphthalate

Concen: 42.374 ng

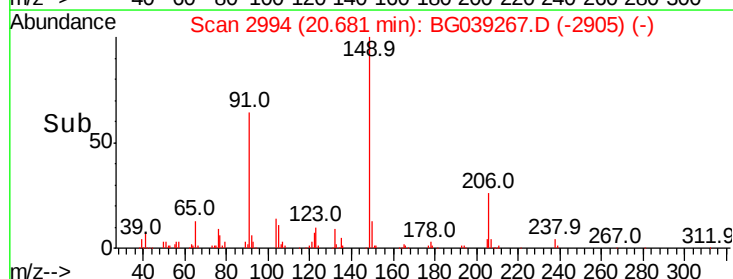
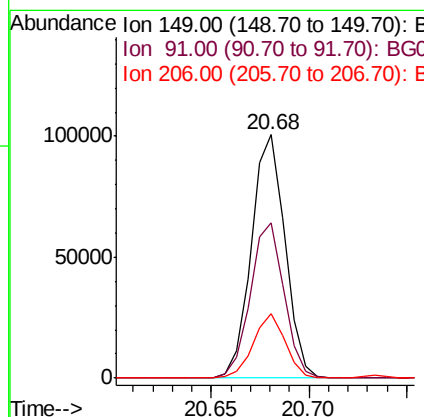
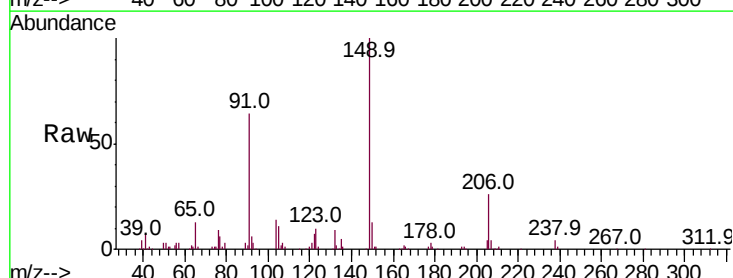
RT: 20.68 min Scan# 2994

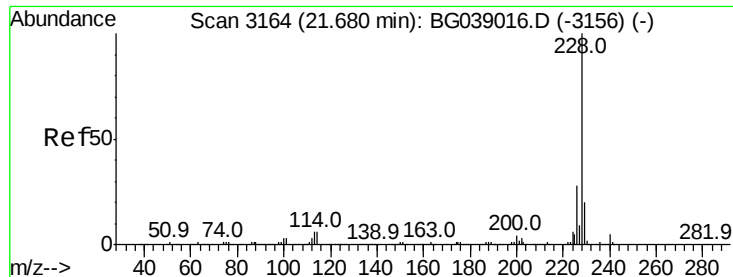
Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 120282 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 63.7  | 51.4  | 77.0   |
| 206       | 26.3  | 20.4  | 30.6   |





#81

Benzo(a)anthracene

Concen: 43.451 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

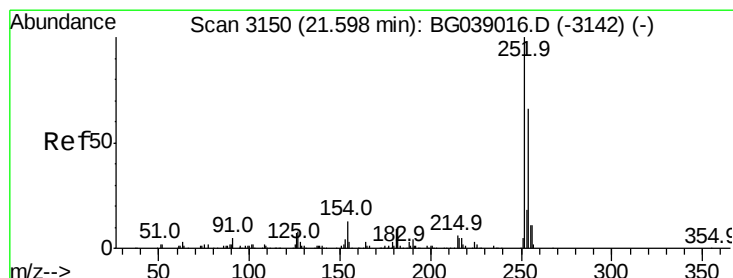
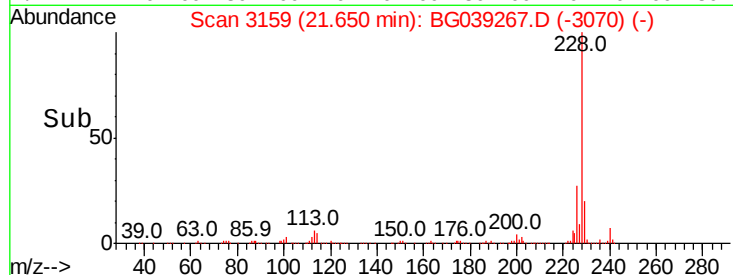
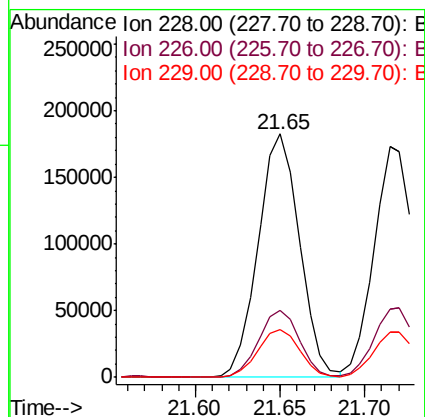
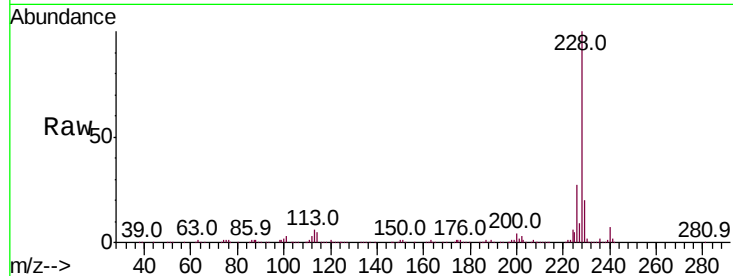
ClientSampled :

IDOC-W-04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 309771 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.4  | 22.4  | 33.6   |
| 229       | 19.8  | 16.2  | 24.2   |

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#82

3,3'-Dichlorobenzidine

Concen: 26.150 ng

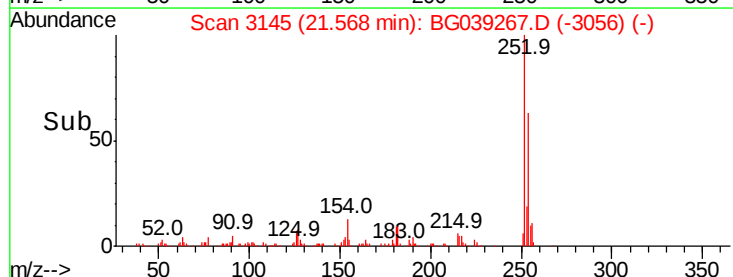
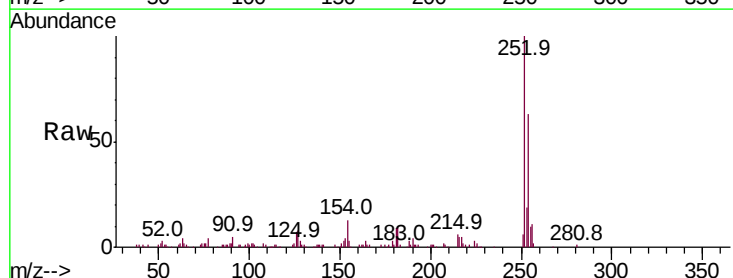
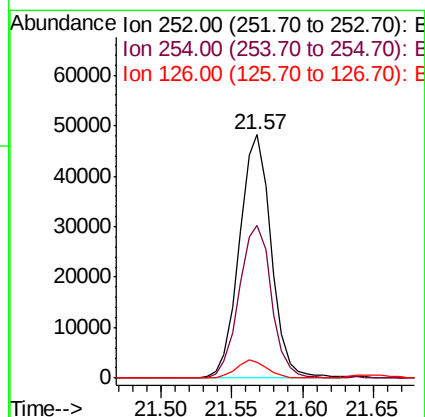
RT: 21.57 min Scan# 3145

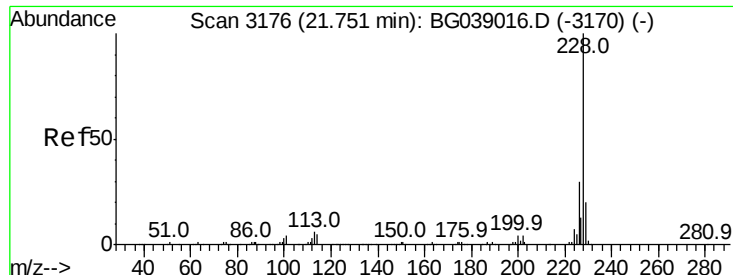
Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 75958 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 62.8  | 53.0  | 79.6  |
| 126       | 6.6   | 6.0   | 9.0   |





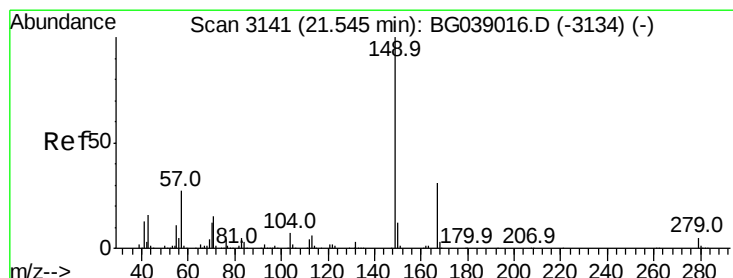
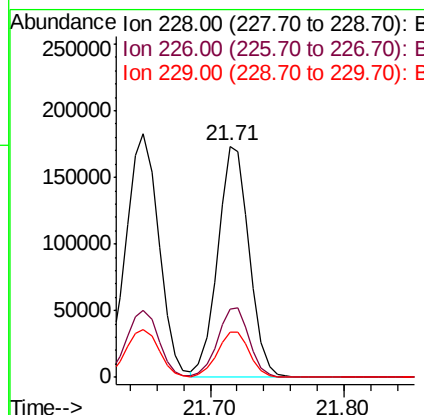
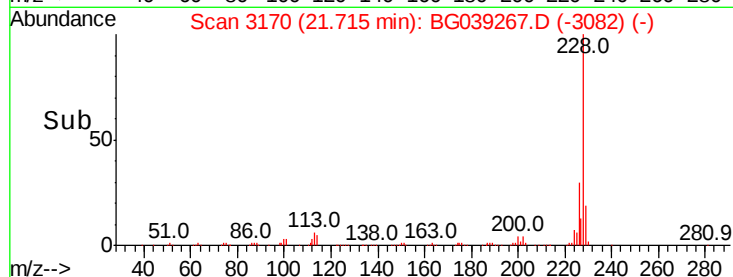
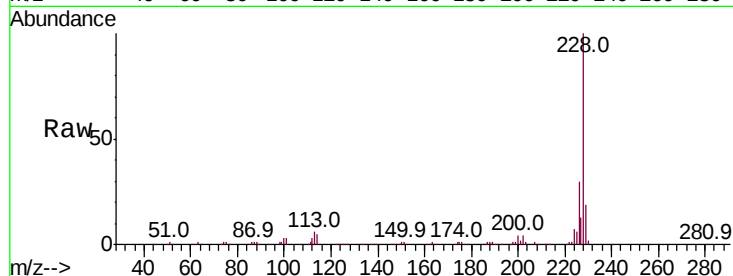
#83  
 Chrvsene  
 Concen: 42.077 ng  
 RT: 21.71 min Scan# 3170  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 24.1  | 36.1  |
| 229     | 19.3  | 16.0  | 24.0  |

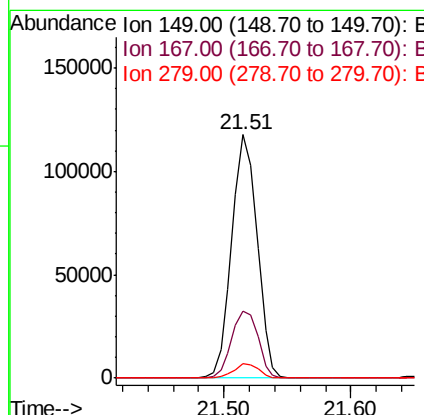
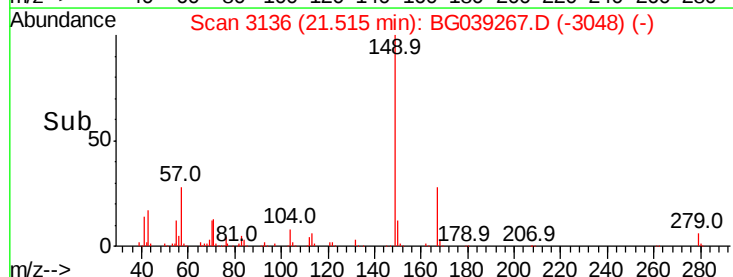
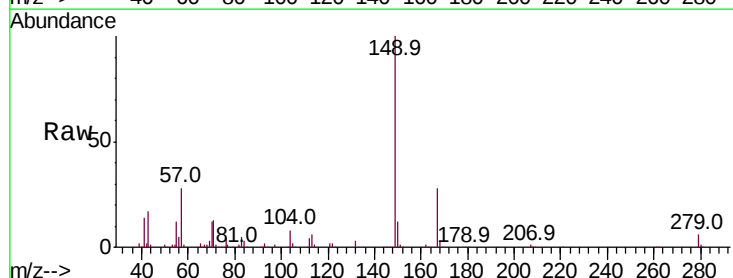
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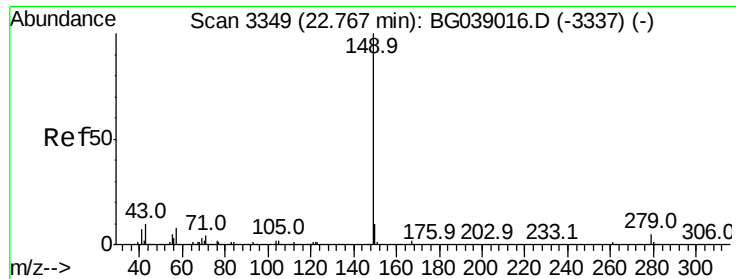
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.423 ng  
 RT: 21.51 min Scan# 3136  
 Delta R.T. -0.01 min  
 Lab File: BG039267.D  
 Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.8  | 25.0  | 37.4  |
| 279     | 5.8   | 4.3   | 6.5   |





#85

Di-n-octyl phthalate

Concen: 41.763 ng

RT: 22.73 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

Instrument :

BNA\_G

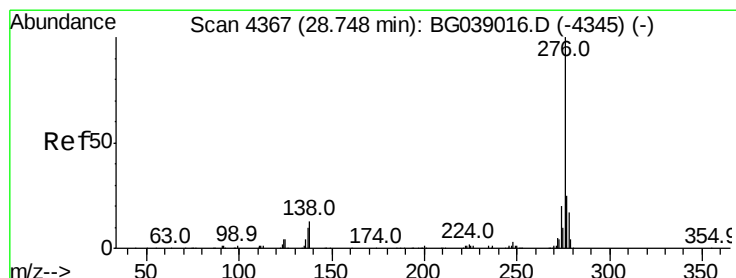
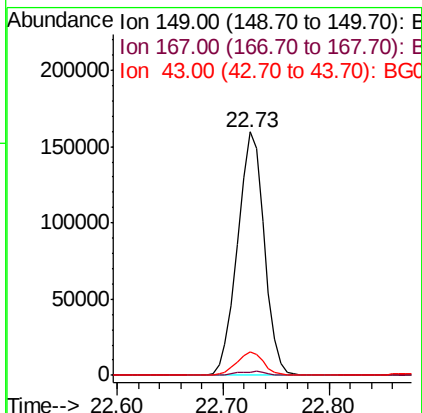
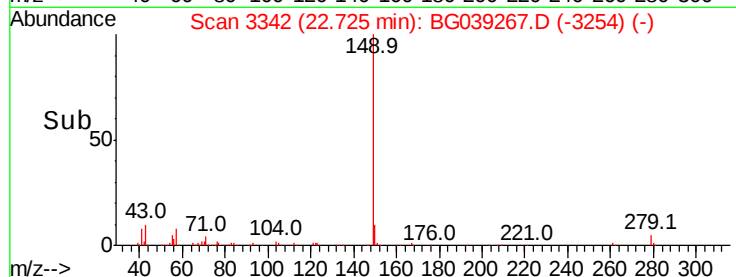
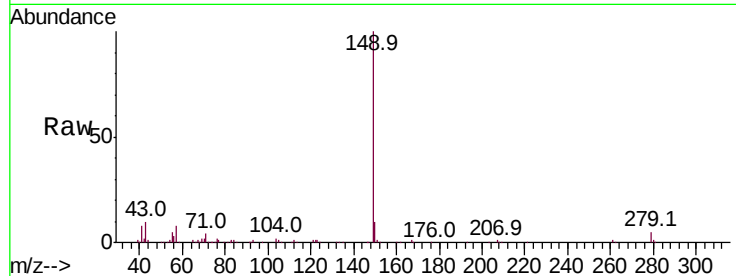
ClientSampleId :

IDOC-W-04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 278333 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.7   | 1.3   | 1.9    |
| 43        | 9.8   | 7.5   | 11.3   |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 47.151 ng

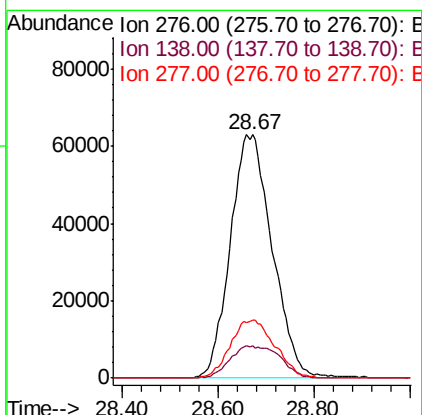
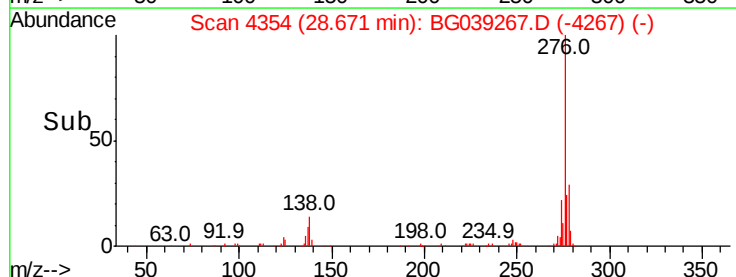
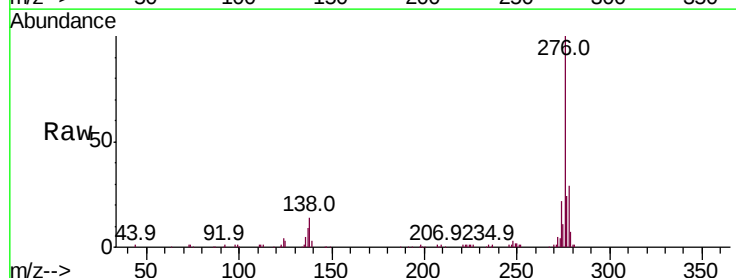
RT: 28.67 min Scan# 4354

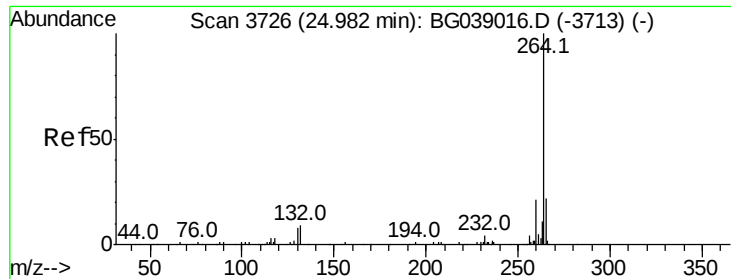
Delta R.T. -0.02 min

Lab File: BG039267.D

Acq: 23 Jan 2019 17:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 382016 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 15.8  | 8.0   | 12.0#  |
| 277       | 25.4  | 20.3  | 30.5   |





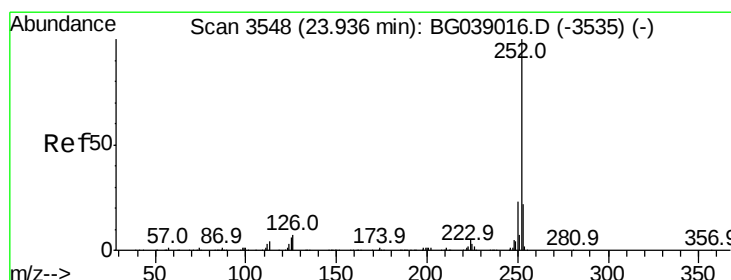
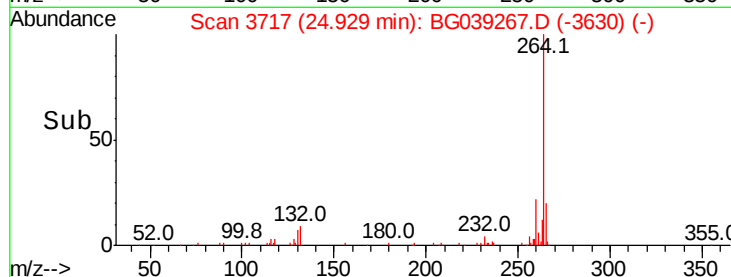
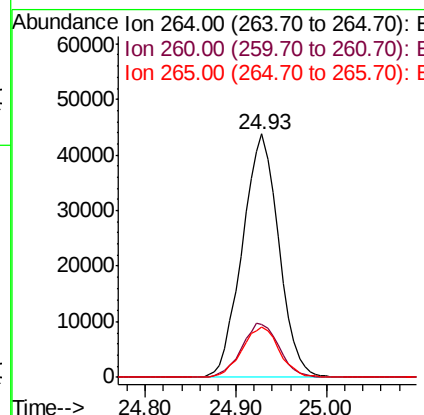
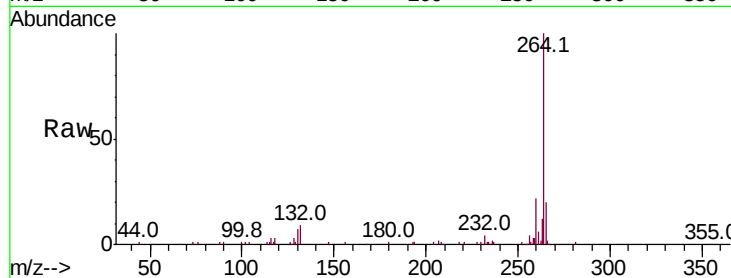
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.93 min Scan# 3717  
Delta R.T. -0.02 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.0  | 17.0  | 25.6  |
| 265     | 20.4  | 17.2  | 25.8  |

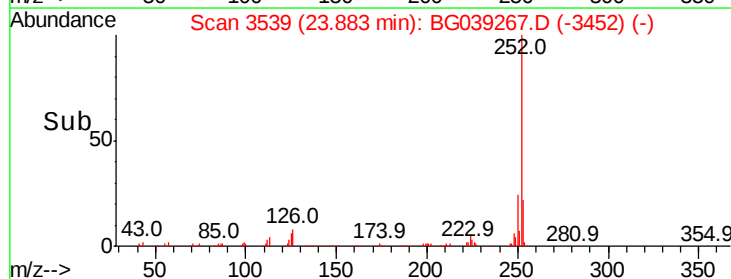
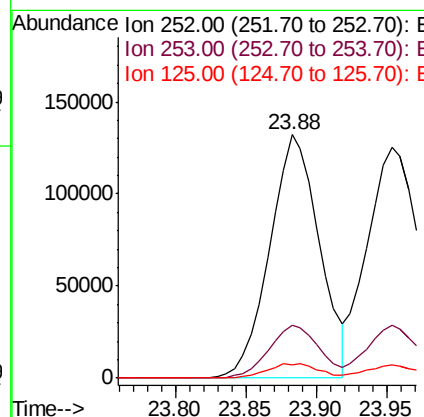
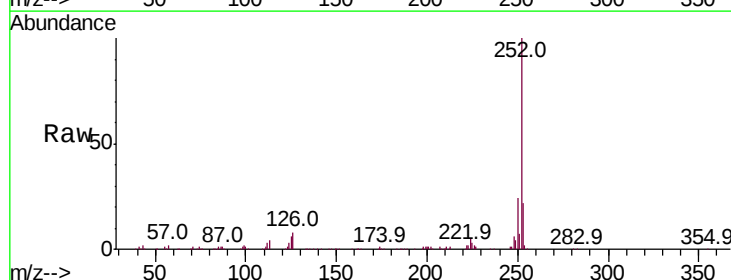
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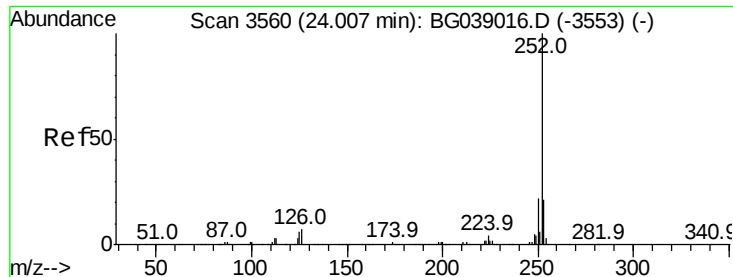
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#88  
Benzo(b)fluoranthene  
Concen: 48.221 ng  
RT: 23.88 min Scan# 3539  
Delta R.T. -0.02 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.8  | 26.6  |
| 125     | 5.6   | 4.9   | 7.3   |





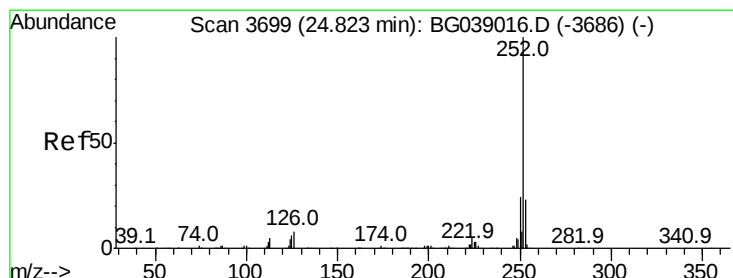
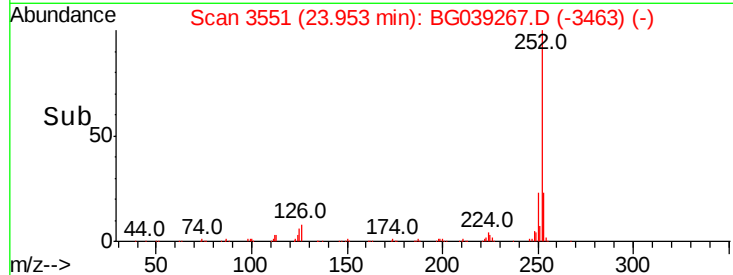
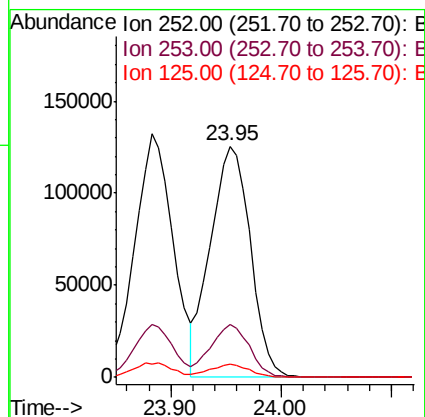
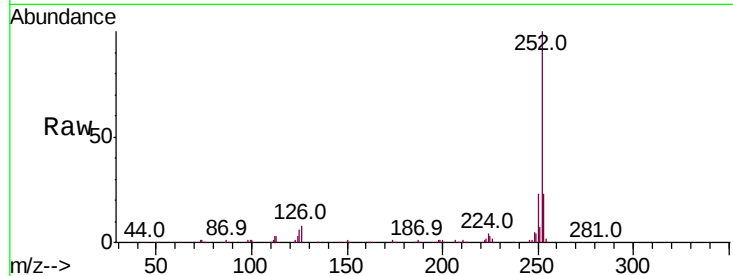
#89  
Benzo(k)fluoranthene  
Concen: 47.151 ng  
RT: 23.95 min Scan# 3551  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.1  | 25.7  |
| 125     | 5.8   | 4.6   | 7.0   |

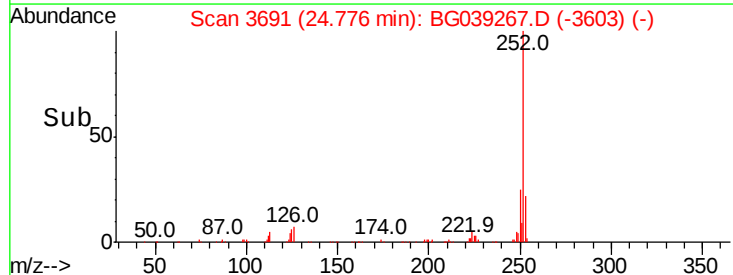
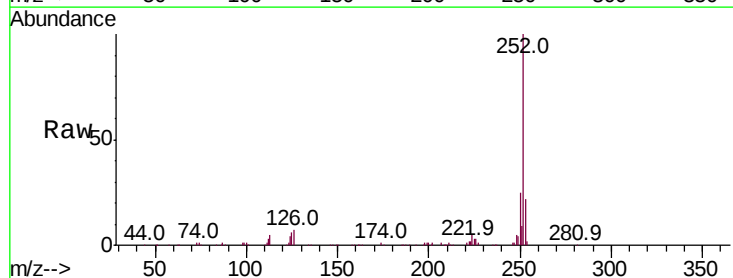
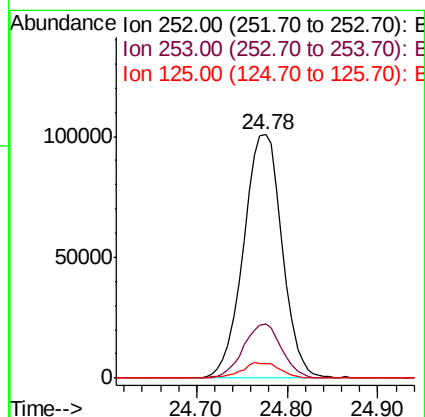
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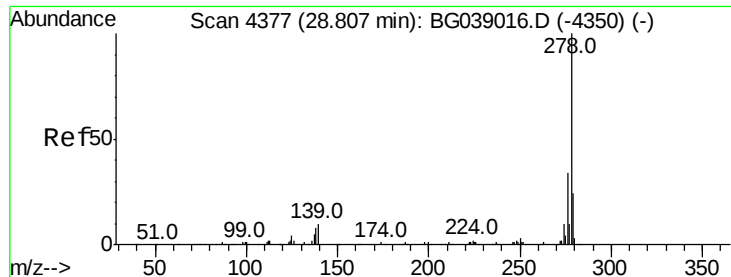
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1/24/2019 12:16:08 PM



#90  
Benzo(a)pyrene  
Concen: 45.741 ng  
RT: 24.78 min Scan# 3691  
Delta R.T. -0.01 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.3  | 27.5  |
| 125     | 6.1   | 4.9   | 7.3   |





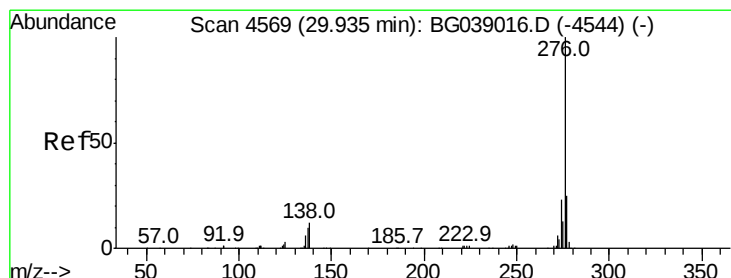
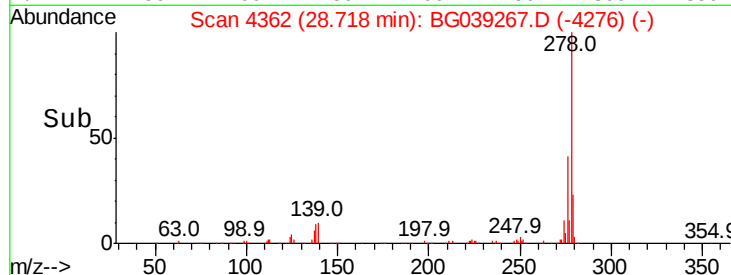
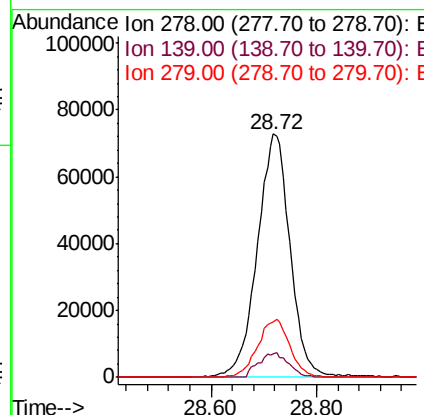
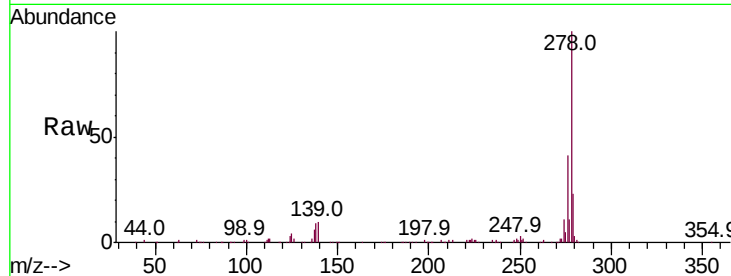
#91  
Dibenzo(a,h)anthracene  
Concen: 48.197 ng  
RT: 28.72 min Scan# 4362  
Delta R.T. -0.03 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

Instrument :  
BNA\_G  
ClientSampled :  
IDOC-W-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.6   | 7.9   | 11.9  |
| 279     | 22.6  | 19.3  | 28.9  |

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#92  
Benzo(g,h,i)perylene  
Concen: 45.901 ng  
RT: 29.84 min Scan# 4553  
Delta R.T. -0.03 min  
Lab File: BG039267.D  
Acq: 23 Jan 2019 17:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.3  | 20.3  | 30.5  |
| 138     | 12.7  | 9.4   | 14.2  |

