

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\  
 Data File : BG043944.D  
 Acq On : 6 Jan 2020 23:28  
 Operator : JU  
 Sample : IDOC-W-03-CG  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-03-CG

Manual Integrations  
 APPROVED

mohammad  
 1/7/2020 12:31:00 PM

Quant Time: Jan 07 07:09:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 13:32:23 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.96  | 152  | 110673   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.76 | 136  | 491779   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.59 | 164  | 326120   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.34 | 188  | 722652   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.59 | 240  | 629536   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.71 | 264  | 705741   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.54  | 112 | 822682  | 136.49 | ng | 0.00 |
| 7) Phenol-d6                | 7.13  | 99  | 1098502 | 130.38 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.12  | 82  | 702194  | 76.38  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.08 | 330 | 423861  | 124.20 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.22 | 172 | 1522007 | 84.56  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.95 | 244 | 2177137 | 82.81  | ng | 0.00 |

|                                |       |     |         |           |        |
|--------------------------------|-------|-----|---------|-----------|--------|
| Target Compounds               |       |     |         |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.43  | 88  | 111975  | 42.606 ng | 98     |
| 3) Pyridine                    | 3.82  | 79  | 283463  | 36.510 ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.74  | 42  | 151093  | 43.711 ng | 98     |
| 6) Aniline                     | 7.28  | 93  | 376398  | 34.012 ng | 98     |
| 8) 2-Chlorophenol              | 7.53  | 128 | 354295  | 50.069 ng | 99     |
| 9) Benzaldehyde                | 7.09  | 77  | 207709  | 38.518 ng | 99     |
| 10) Phenol                     | 7.15  | 94  | 442477  | 50.972 ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.38  | 93  | 334552  | 44.647 ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.85  | 146 | 362258  | 43.748 ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.99  | 146 | 364012  | 44.553 ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.32  | 146 | 344461  | 43.924 ng | 99     |
| 15) Benzyl Alcohol             | 8.19  | 79  | 309106  | 46.485 ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.49  | 45  | 471184  | 40.644 ng | 99     |
| 17) 2-Methylphenol             | 8.40  | 107 | 307833  | 49.003 ng | 97     |
| 18) Hexachloroethane           | 9.04  | 117 | 136934  | 43.072 ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.77  | 70  | 266884  | 42.535 ng | 97     |
| 20) 3+4-Methylphenols          | 8.73  | 107 | 431987  | 49.294 ng | 96     |
| 22) Acetophenone               | 8.78  | 105 | 495504  | 40.529 ng | # 98   |
| 24) Nitrobenzene               | 9.16  | 77  | 378515  | 41.573 ng | 99     |
| 25) Isophorone                 | 9.69  | 82  | 727055  | 42.156 ng | 98     |
| 26) 2-Nitrophenol              | 9.87  | 139 | 198833  | 46.158 ng | 100    |
| 27) 2,4-Dimethylphenol         | 9.94  | 122 | 347040  | 53.520 ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.17 | 93  | 467784  | 40.684 ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.41 | 162 | 355611  | 45.977 ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.63 | 180 | 356514  | 41.109 ng | 99     |
| 31) Naphthalene                | 10.81 | 128 | 1040340 | 43.716 ng | 99     |
| 32) Benzoic acid               | 10.06 | 122 | 137887  | 28.968 ng | 93     |
| 33) 4-Chloroaniline            | 10.91 | 127 | 279807  | 24.651 ng | 99     |
| 34) Hexachlorobutadiene        | 11.11 | 225 | 209519  | 39.569 ng | 95     |
| 35) Caprolactam                | 11.68 | 113 | 134426m | 46.686 ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.04 | 107 | 385306  | 46.795 ng | 99     |
| 37) 2-Methylnaphthalene        | 12.42 | 142 | 786480  | 43.897 ng | 97     |
| 38) 1-Methylnaphthalene        | 12.63 | 142 | 751766  | 44.272 ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.79 | 216 | 376228  | 39.360 ng | 99     |

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Manual Integrations  
 APPROVED

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 1/7/2020 12:31:00 PM

Quant Time: Jan 07 07:09:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 13:32:23 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.78 | 237  | 495968   | 100.084 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.02 | 196  | 284773   | 43.298  | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.10 | 196  | 311084   | 45.859  | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.43 | 154  | 1001403  | 42.827  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.47 | 162  | 778679   | 41.212  | nq    | 99       |
| 48) 2-Nitroaniline             | 13.66 | 65   | 251017   | 41.301  | nq    | 97       |
| 49) Acenaphthylene             | 14.32 | 152  | 1225211  | 45.116  | nq    | 98       |
| 50) Dimethylphthalate          | 14.04 | 163  | 1001620  | 43.256  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.16 | 165  | 232972   | 44.513  | nq    | 98       |
| 52) Acenaphthene               | 14.66 | 154  | 790993   | 41.533  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.49 | 138  | 183636   | 30.898  | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 14.69 | 184  | 203477   | 76.566  | nq    | 99       |
| 55) Dibenzofuran               | 14.99 | 168  | 1178991  | 44.970  | nq    | 100      |
| 56) 4-Nitrophenol              | 14.80 | 139  | 443629   | 97.406  | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.94 | 165  | 327403   | 45.974  | nq    | 96       |
| 58) Fluorene                   | 15.64 | 166  | 935980   | 45.043  | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.22 | 232  | 271131   | 46.482  | nq    | 97       |
| 60) Diethylphthalate           | 15.41 | 149  | 1024049  | 44.216  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.63 | 204  | 486402   | 43.108  | nq    | 100      |
| 62) 4-Nitroaniline             | 15.65 | 138  | 252581   | 43.035  | nq    | 98       |
| 63) Azobenzene                 | 15.92 | 77   | 960049   | 44.698  | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.71 | 198  | 166906   | 45.118  | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.85 | 169  | 896091   | 42.107  | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.52 | 248  | 316841   | 38.983  | nq    | 99       |
| 68) Hexachlorobenzene          | 16.65 | 284  | 343825   | 39.259  | nq    | 99       |
| 69) Atrazine                   | 16.79 | 200  | 347538   | 50.240  | nq    | 99       |
| 70) Pentachlorophenol          | 16.99 | 266  | 379316   | 78.570  | nq    | 98       |
| 71) Phenanthrene               | 17.38 | 178  | 1484971  | 42.841  | nq    | 100      |
| 72) Anthracene                 | 17.47 | 178  | 1545274  | 45.110  | nq    | 99       |
| 73) Carbazole                  | 17.73 | 167  | 1400700  | 44.266  | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.30 | 149  | 1715952  | 42.474  | nq    | 99       |
| 75) Fluoranthene               | 19.39 | 202  | 1711920  | 43.186  | nq    | 99       |
| 77) Benzidine                  | 19.56 | 184  | 844795   | 53.388  | nq    | 99       |
| 78) Pyrene                     | 19.74 | 202  | 1722628  | 41.921  | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.64 | 149  | 809811   | 41.394  | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.57 | 228  | 1665862  | 42.675  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.48 | 252  | 517077   | 33.528  | nq    | 99       |
| 83) Chrysene                   | 21.63 | 228  | 1574614  | 42.452  | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.49 | 149  | 1144006  | 42.380  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.68 | 149  | 1966818  | 43.340  | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.26 | 276  | 2008617  | 39.848  | nq    | # 89     |
| 88) Benzo(b)fluoranthene       | 23.72 | 252  | 1776943  | 42.590  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.79 | 252  | 1712474  | 43.163  | nq    | 100      |
| 90) Benzo(a)pyrene             | 24.57 | 252  | 1646395  | 41.810  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.32 | 278  | 1682364  | 42.541  | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 29.36 | 276  | 1665075  | 42.387  | nq    | 97       |

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





#1

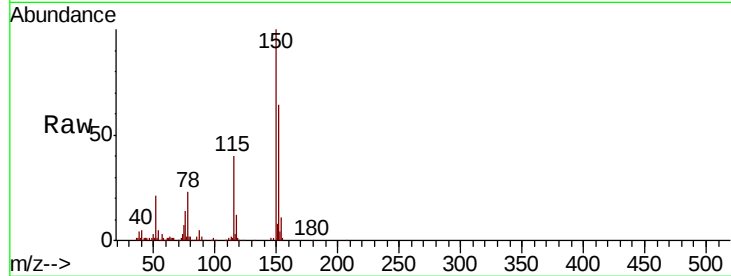
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.96 min Scan# 829  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampled :  
IDOC-W-03-CG

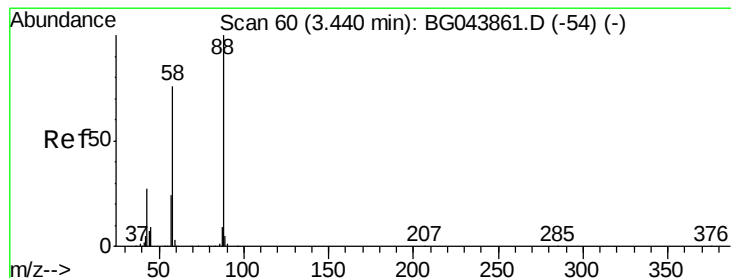
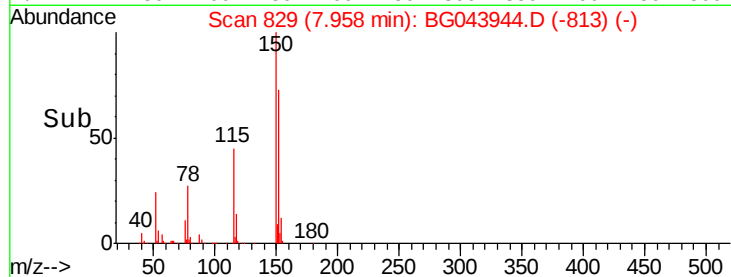
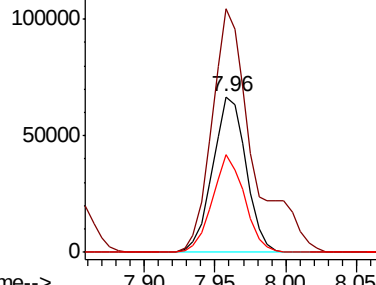
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.2 | 127.0 | 190.4 |
| 115     | 62.4  | 47.8  | 71.8  |

Manual Integrations  
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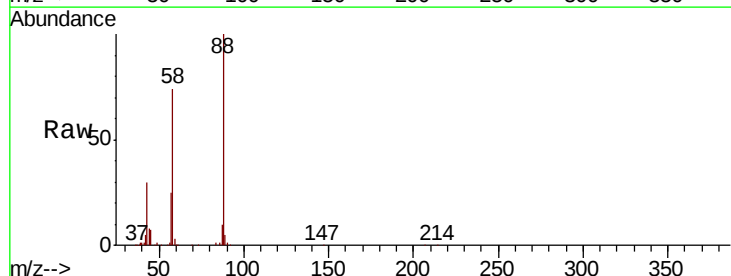
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



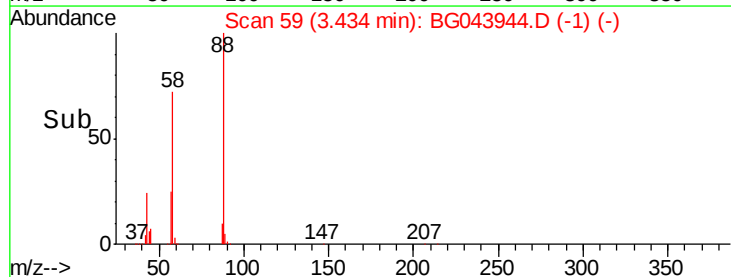
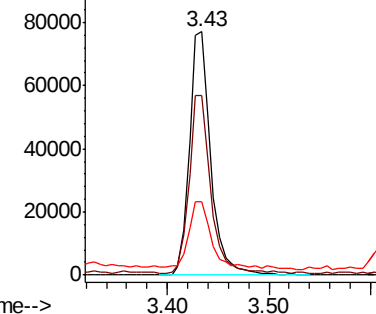
#2

1,4-Dioxane  
Concen: 42.606 ng  
RT: 3.43 min Scan# 59  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 73.5  | 59.8  | 89.8  |
| 43      | 27.8  | 22.9  | 34.3  |



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: 36.510 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

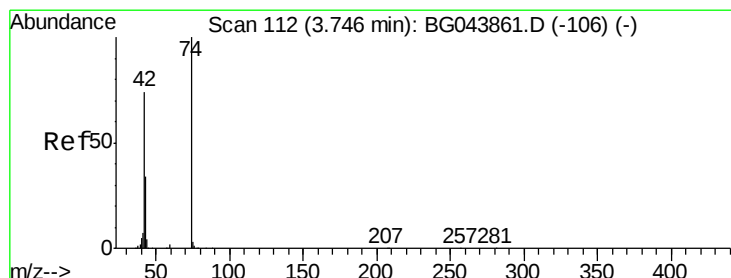
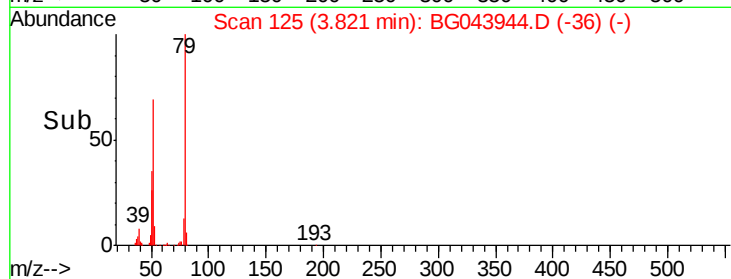
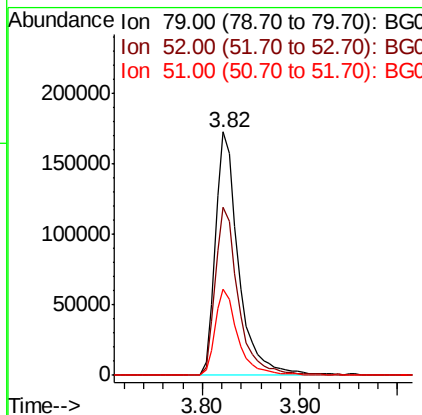
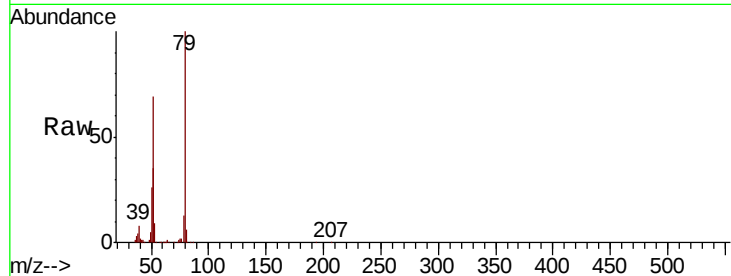
ClientSampleId :

IDOC-W-03-CG

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 283463 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 69.0  | 58.9  | 88.3   |
| 51        | 35.4  | 28.6  | 43.0   |

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#4

n-Nitrosodimethylamine

Concen: 43.711 ng

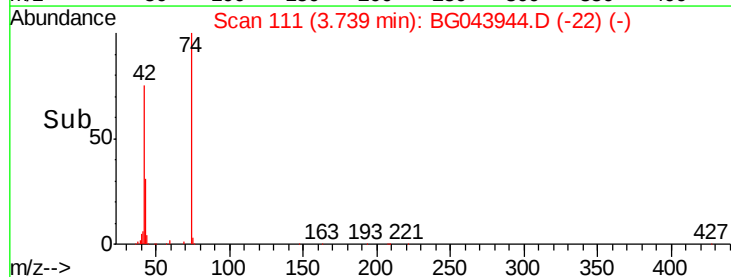
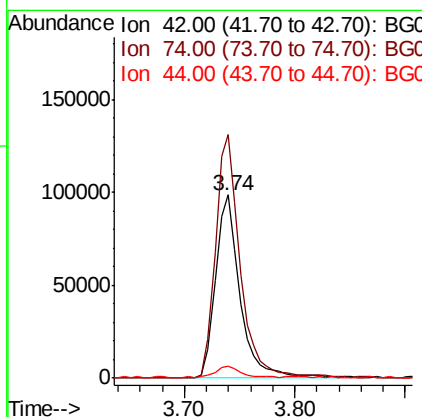
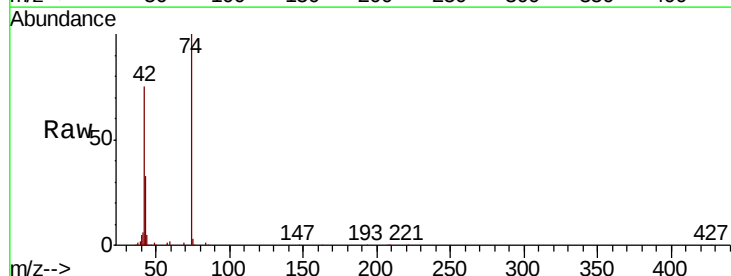
RT: 3.74 min Scan# 111

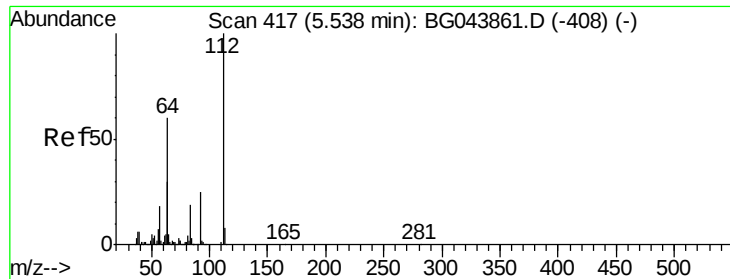
Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 151093 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 132.8 | 108.6 | 162.8  |
| 44        | 6.9   | 5.0   | 7.6    |





#5

2-Fluorophenol

Concen: 136.487 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

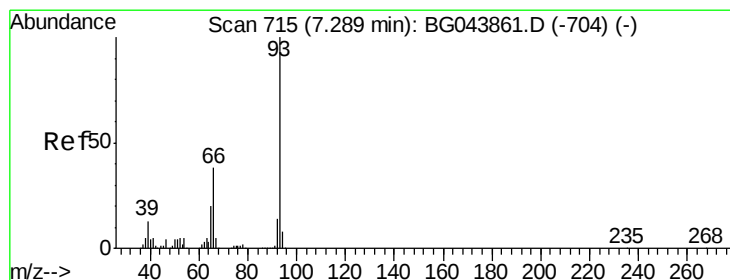
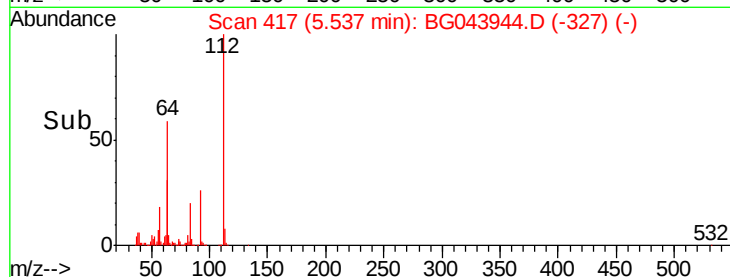
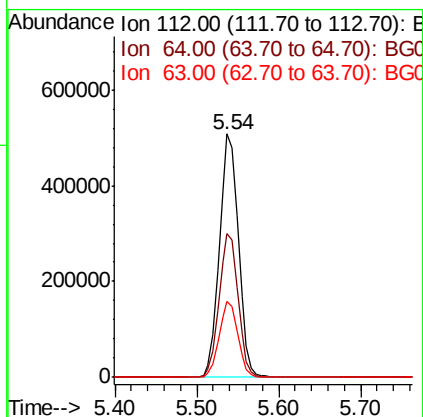
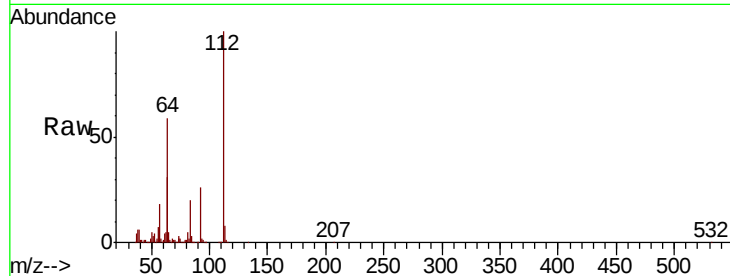
ClientSampleId :

IDOC-W-03-CG

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 822682 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.1  | 47.8  | 71.6   |
| 63        | 31.2  | 24.3  | 36.5   |

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#6

Aniline

Concen: 34.012 ng

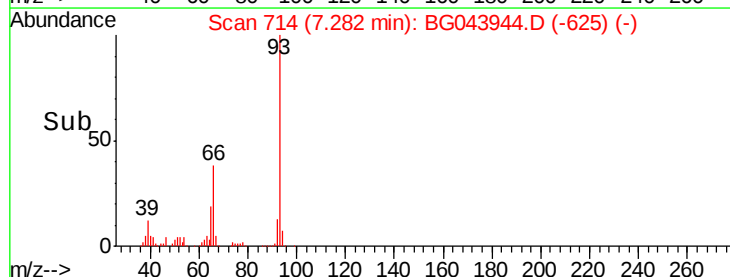
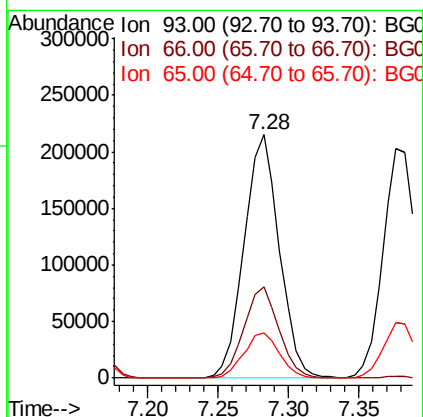
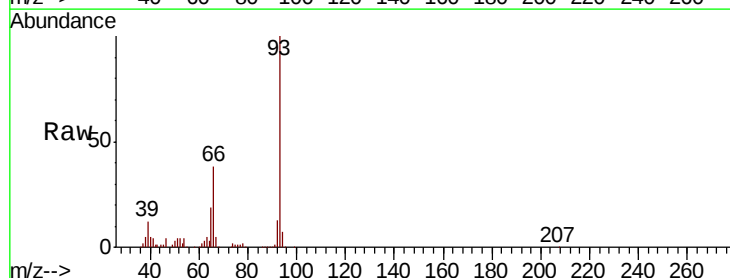
RT: 7.28 min Scan# 714

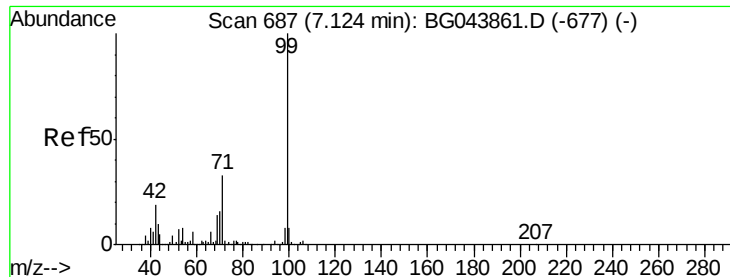
Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 376398 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 37.6  | 30.8  | 46.2   |
| 65        | 18.7  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 130.380 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-03-CG

Tot Ion: 99 Resp: 1098502

Ion Ratio Lower Upper

99 100

42 19.2 14.9 22.3

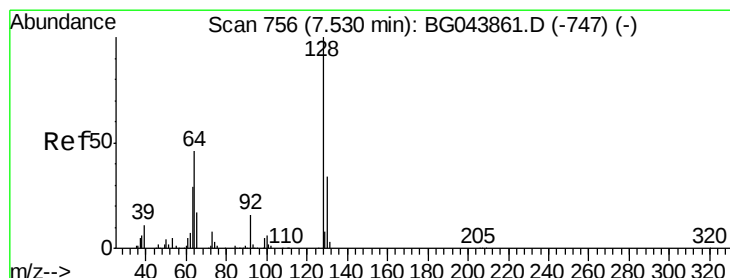
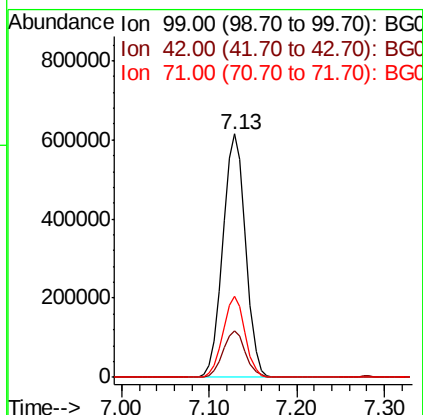
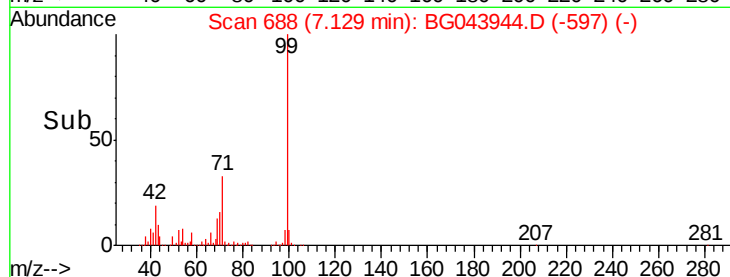
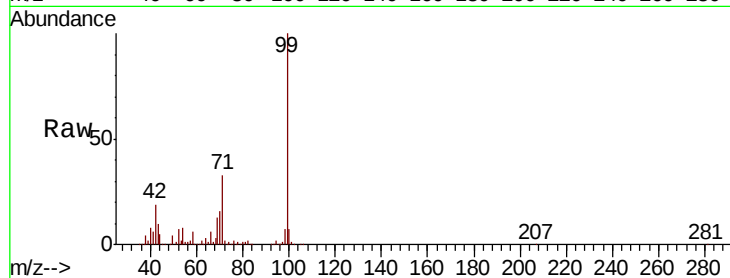
71 33.5 26.4 39.6

Manual Integrations

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#8

2-Chlorophenol

Concen: 50.069 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

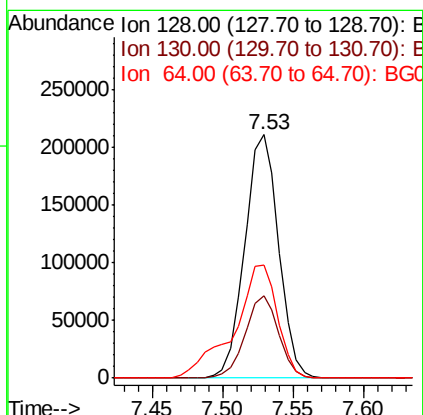
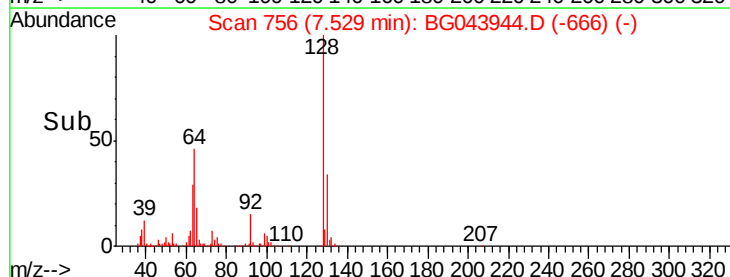
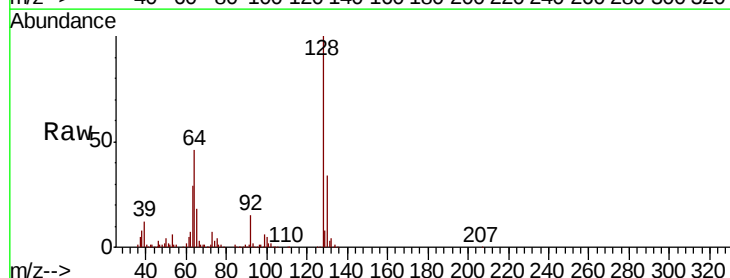
Tgt Ion: 128 Resp: 354295

Ion Ratio Lower Upper

128 100

130 33.8 13.8 53.8

64 46.3 27.6 67.6





#9

Benzaldehyde

Concen: 38.518 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

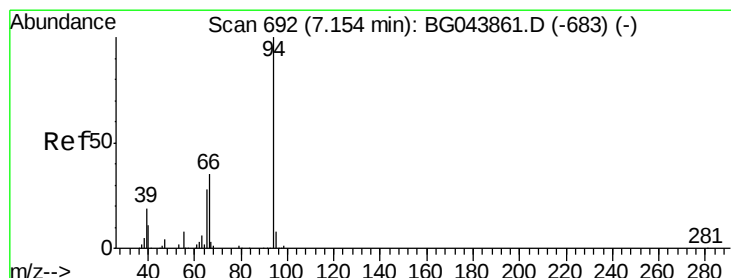
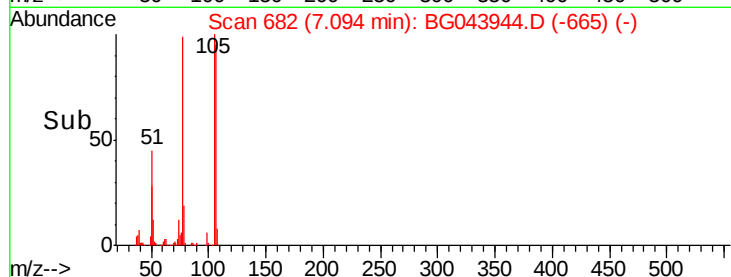
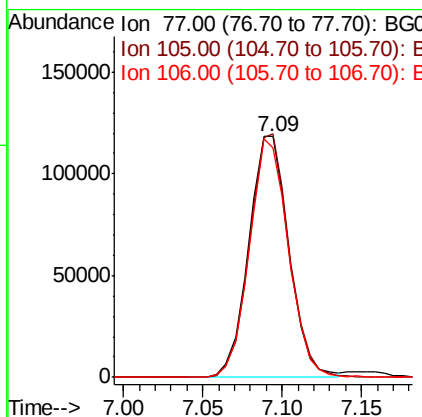
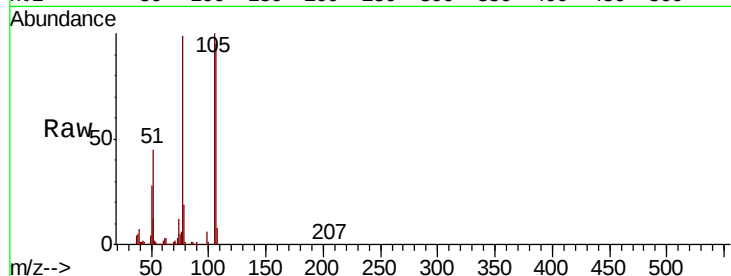
ClientSampleId :

IDOC-W-03-CG

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 207709 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 101.1 | 80.2  | 120.2  |
| 106      | 95.6  | 77.2  | 117.2  |

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#10

Phenol

Concen: 50.972 ng

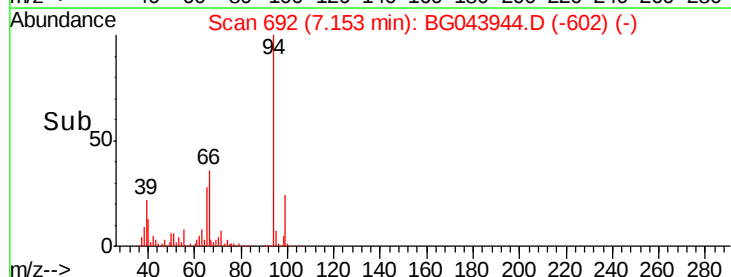
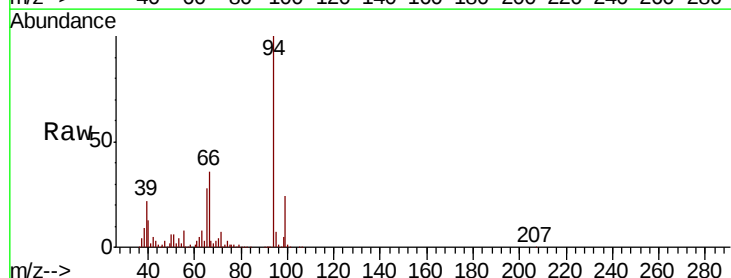
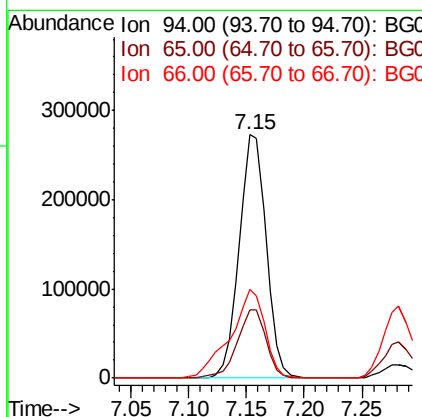
RT: 7.15 min Scan# 692

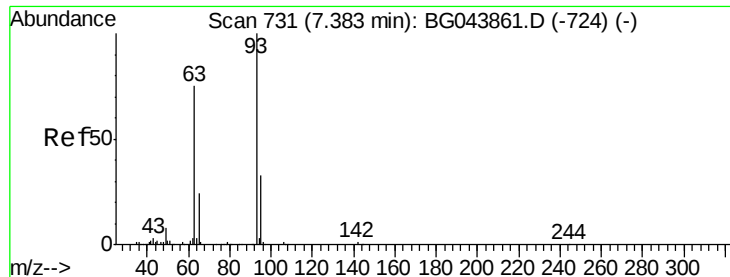
Delta R.T. -0.00 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 442477 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 28.2  | 8.1   | 48.1   |
| 66       | 36.3  | 15.6  | 55.6   |





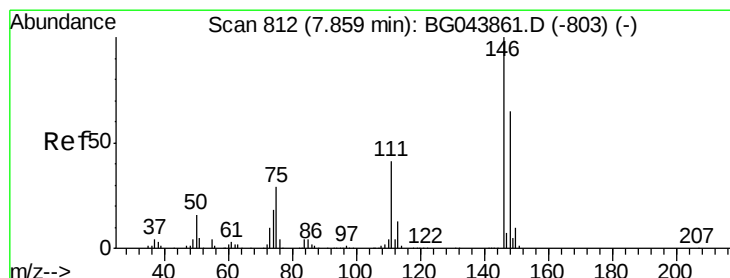
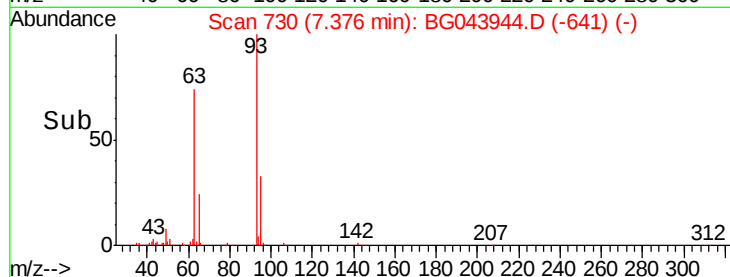
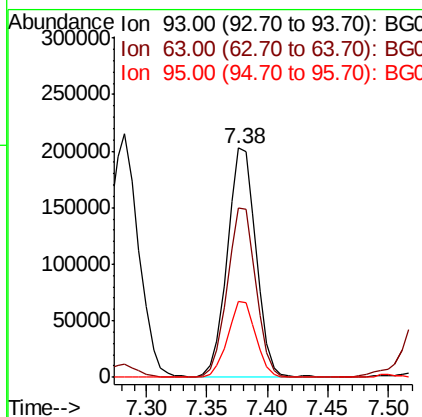
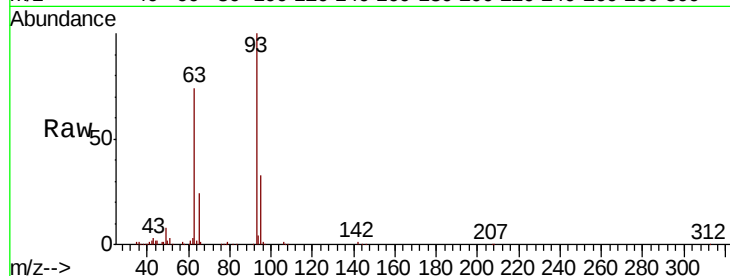
#11  
bis(2-Chloroethyl)ether  
Concen: 44.647 ng  
RT: 7.38 min Scan# 730  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 63      | 74.0  | 55.0 | 95.0  |       |
| 95      | 33.3  | 13.3 | 53.3  |       |

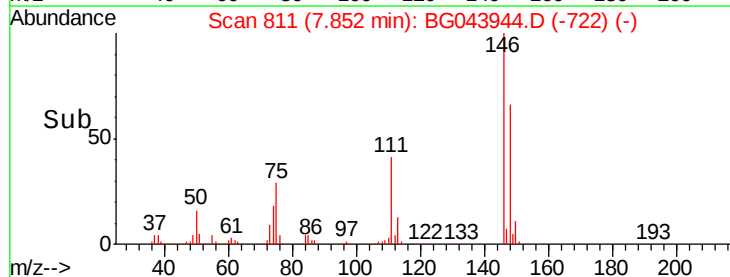
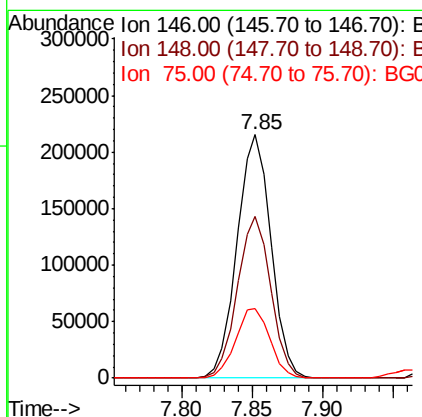
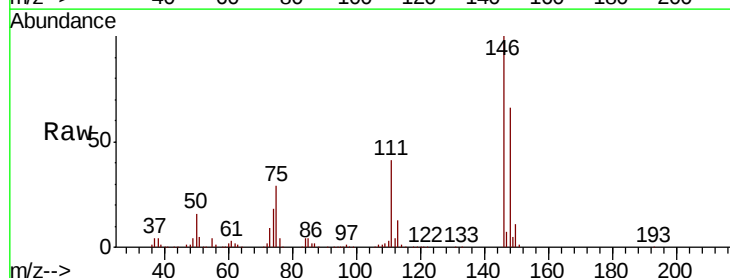
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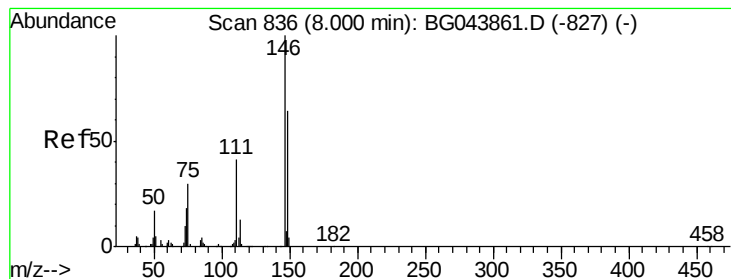
mohammad  
1/7/2020 12:31:00 PM



#12  
1,3-Dichlorobenzene  
Concen: 43.748 ng  
RT: 7.85 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 148     | 66.2  | 52.1 | 78.1  |       |
| 75      | 28.7  | 23.0 | 34.4  |       |





#13

1,4-Dichlorobenzene

Concen: 44.553 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

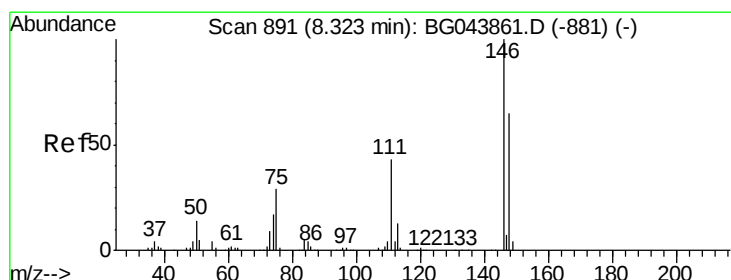
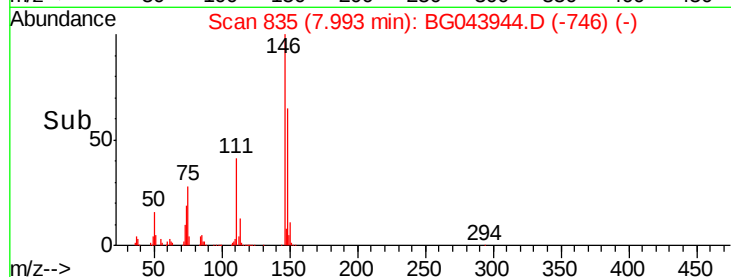
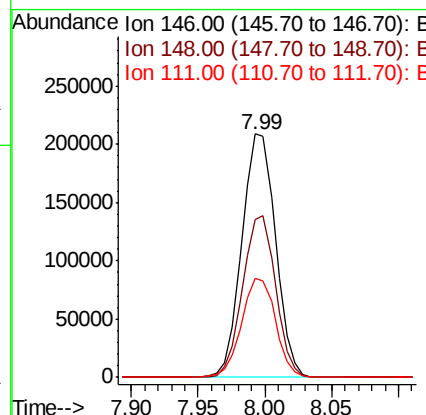
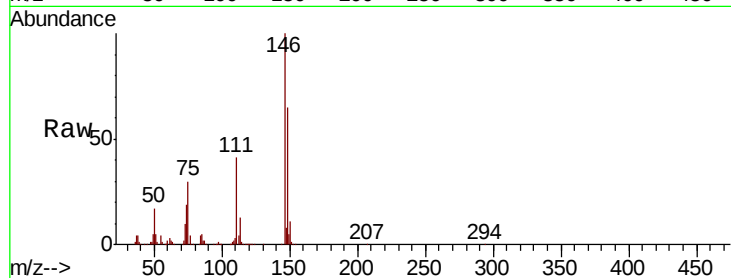
ClientSampleId :

IDOC-W-03-CG

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 364012 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.7  | 51.2  | 76.8   |
| 111       | 40.6  | 33.1  | 49.7   |

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#14

1,2-Dichlorobenzene

Concen: 43.924 ng

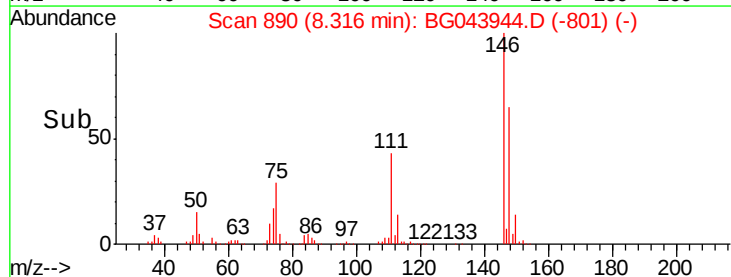
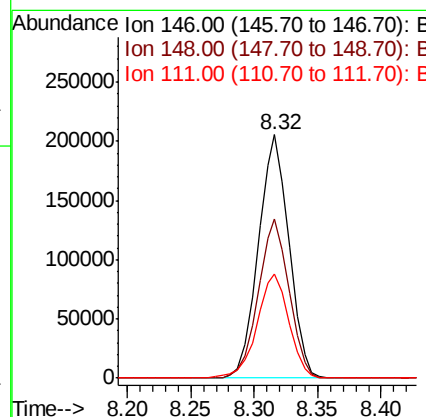
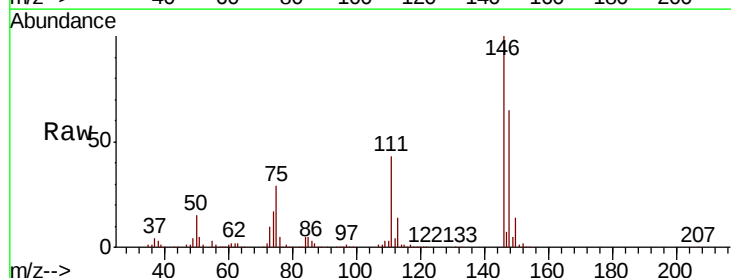
RT: 8.32 min Scan# 890

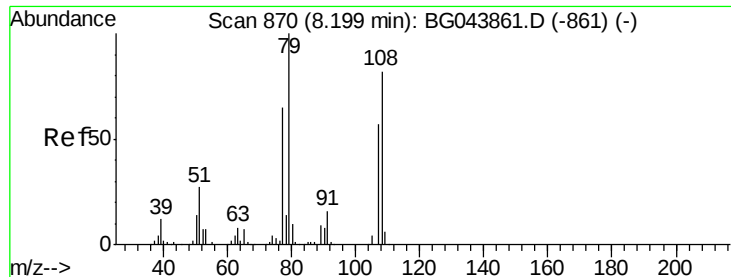
Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 344461 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.3  | 51.7  | 77.5   |
| 111       | 42.6  | 34.4  | 51.6   |





#15

Benzyl Alcohol

Concen: 46.485 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

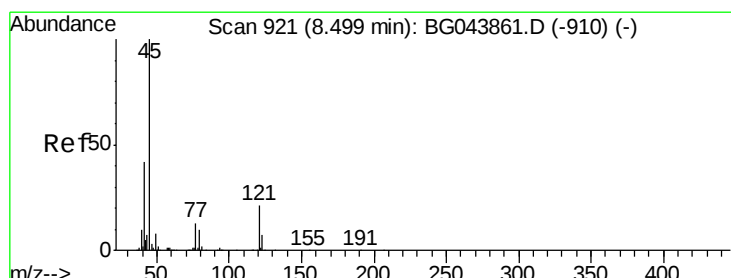
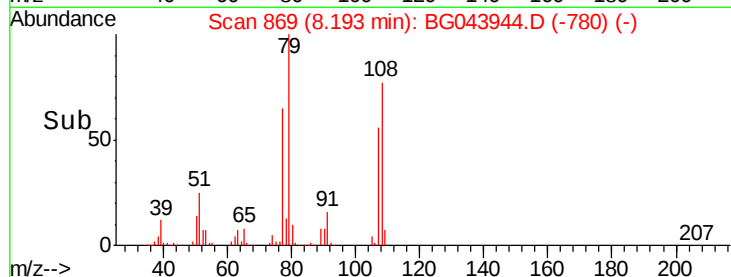
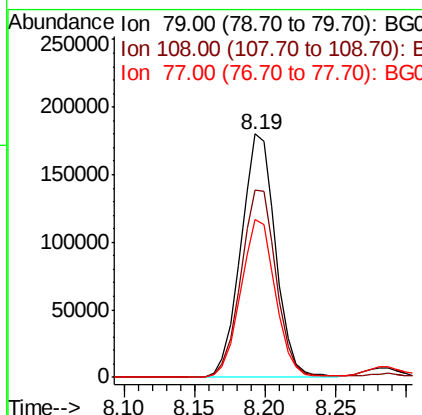
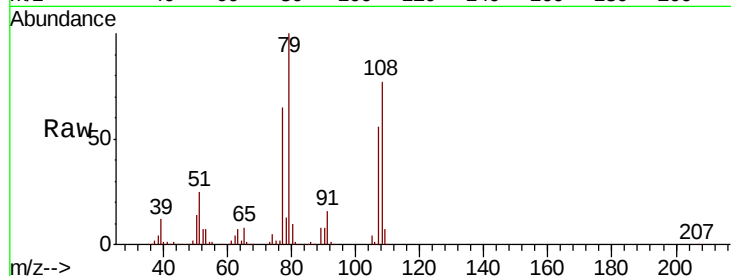
ClientSampleId :

IDOC-W-03-CG

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 309106 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 77.0  | 65.6  | 98.4   |
| 77       | 64.8  | 52.0  | 78.0   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.644 ng

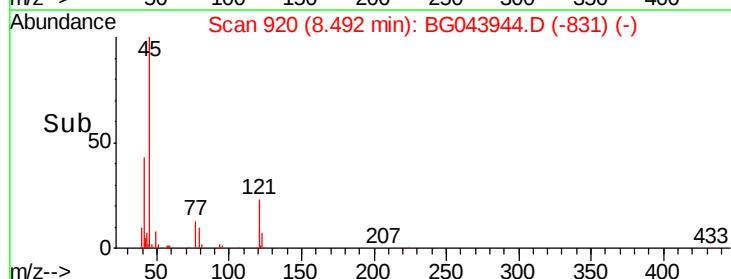
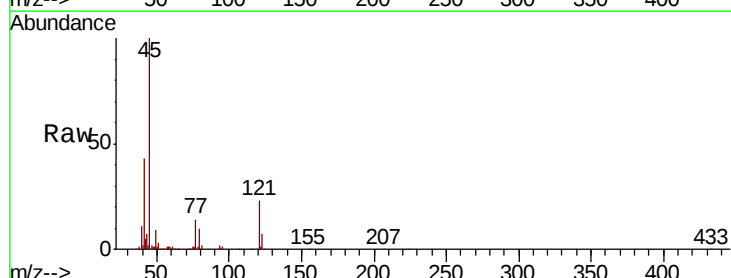
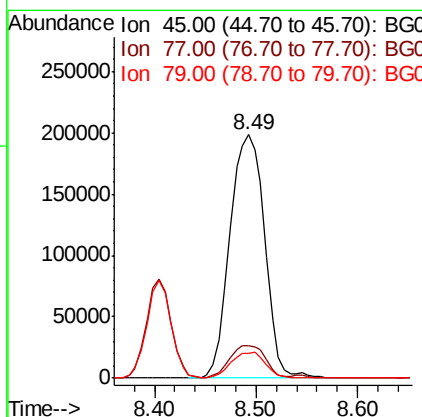
RT: 8.49 min Scan# 920

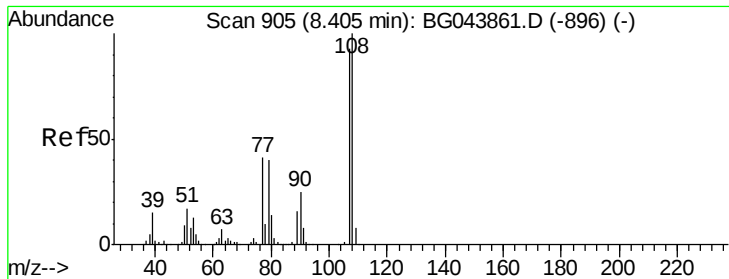
Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 471184 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 13.5  | 0.0   | 33.8   |
| 79       | 10.4  | 0.0   | 31.0   |





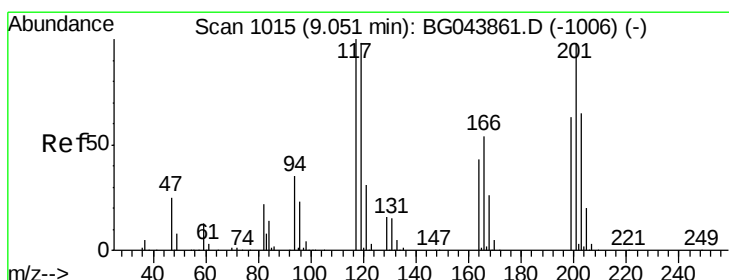
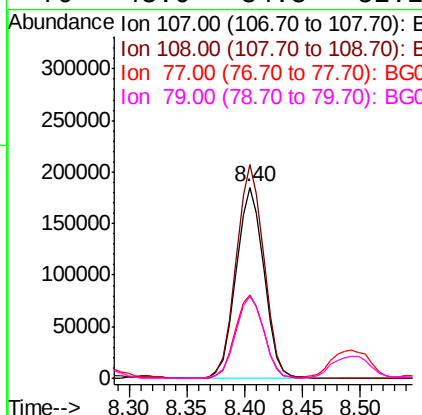
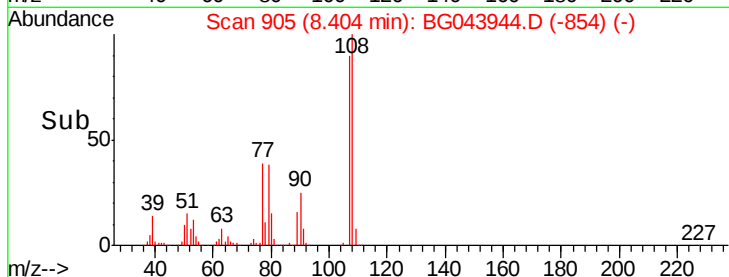
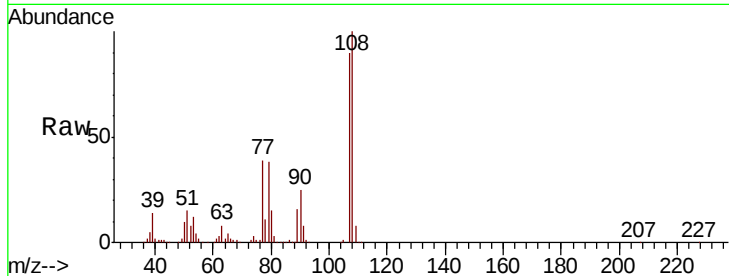
#17  
2-Methylphenol  
Concen: 49.003 ng  
RT: 8.40 min Scan# 905  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.6 | 86.1 | 129.1 |       |
| 77      | 43.6  | 35.4 | 53.0  |       |
| 79      | 43.0  | 34.8 | 52.2  |       |

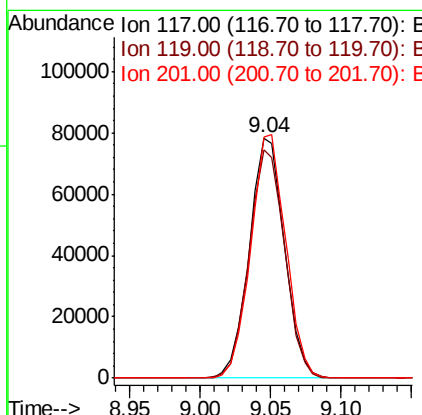
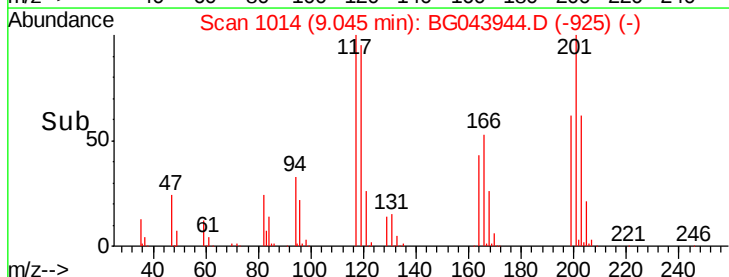
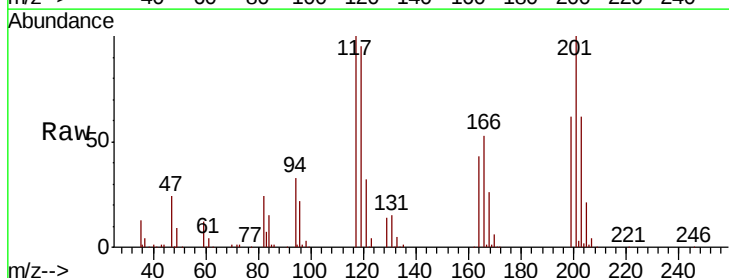
Manual Integrations  
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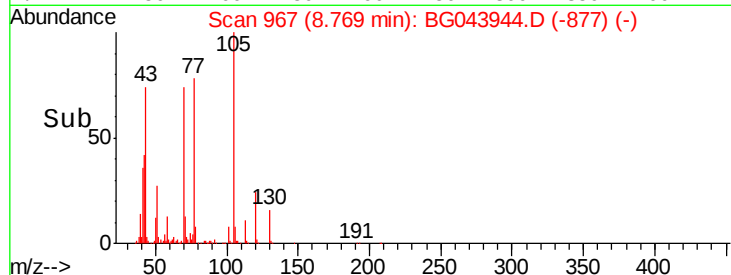
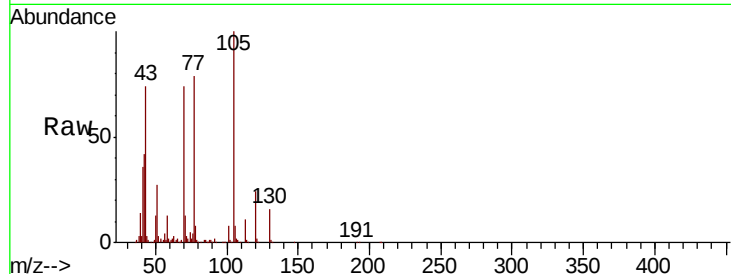
mohammad  
1/7/2020 12:31:00 PM



#18  
Hexachloroethane  
Concen: 43.072 ng  
RT: 9.04 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.2  | 78.1 | 117.1 |       |
| 201     | 100.4 | 78.6 | 117.8 |       |





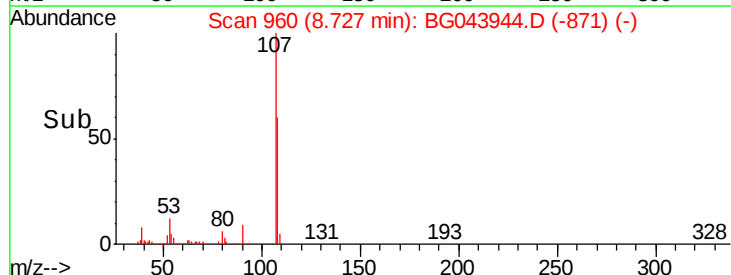
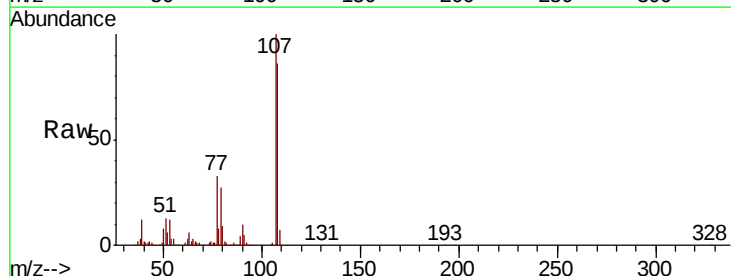
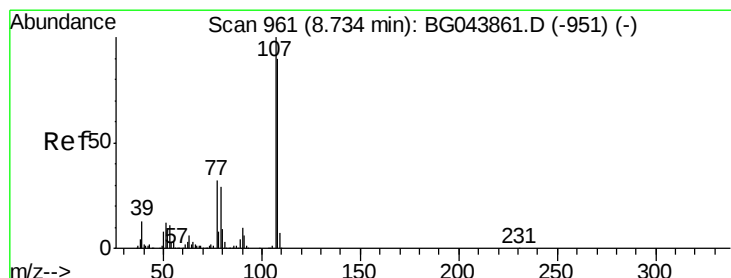
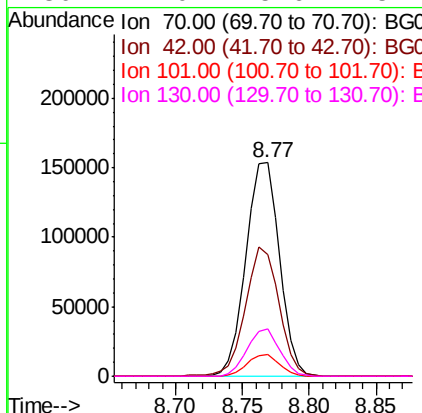
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.535 ng  
RT: 8.77 min Scan# 967  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 56.7 | 47.0  | 70.4  |       |
| 101     | 10.1 | 7.2   | 10.8  |       |
| 130     | 22.0 | 15.6  | 23.4  |       |

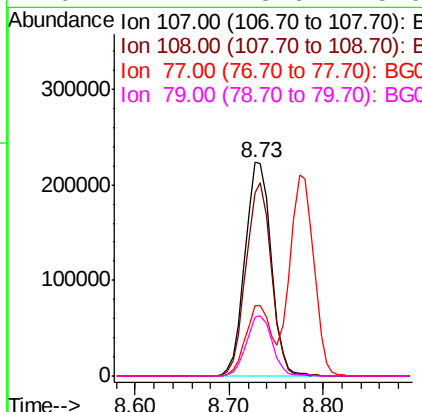
Manual Integrations  
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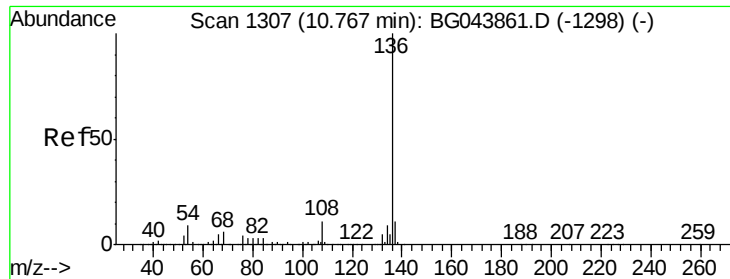
mohammad  
1/7/2020 12:31:00 PM



#20  
3+4-Methylphenols  
Concen: 49.294 ng  
RT: 8.73 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 85.6 | 70.3  | 110.3 |       |
| 77      | 32.7 | 12.4  | 52.4  |       |
| 79      | 27.4 | 8.6   | 48.6  |       |





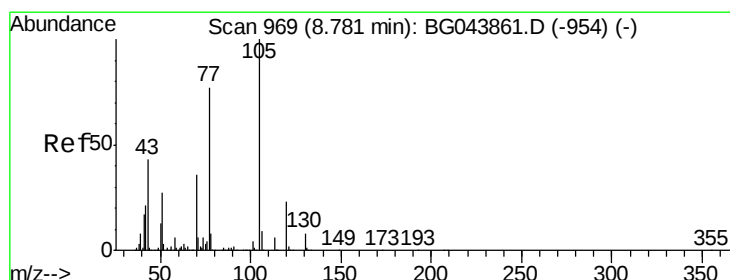
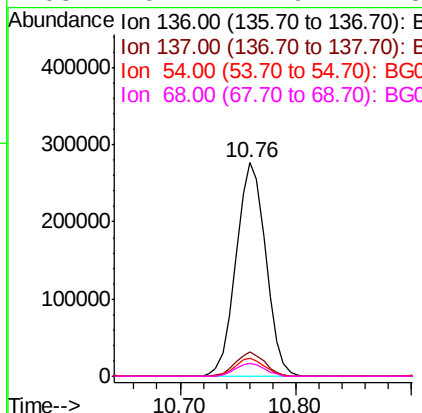
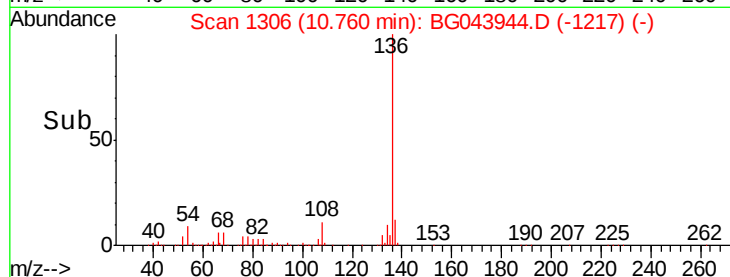
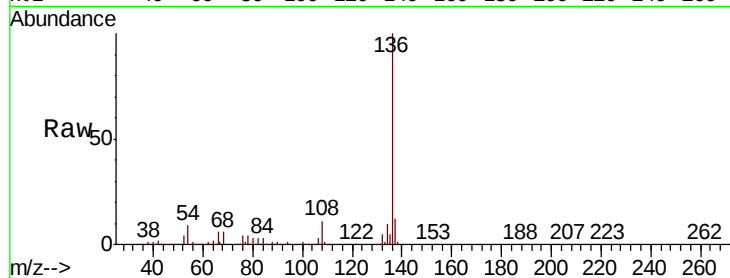
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.76 min Scan# 1306  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 491779 |       |       |
| 137     | 11.6 | 8.8   | 13.2   |       |       |
| 54      | 8.7  | 7.0   | 10.4   |       |       |
| 68      | 6.1  | 4.9   | 7.3    |       |       |

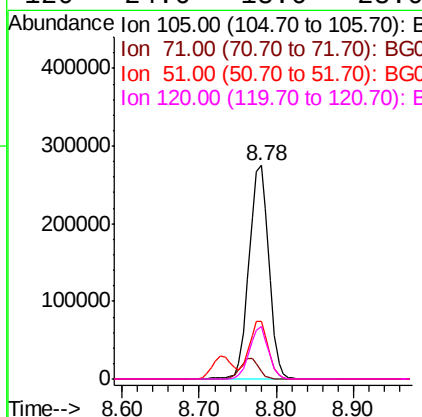
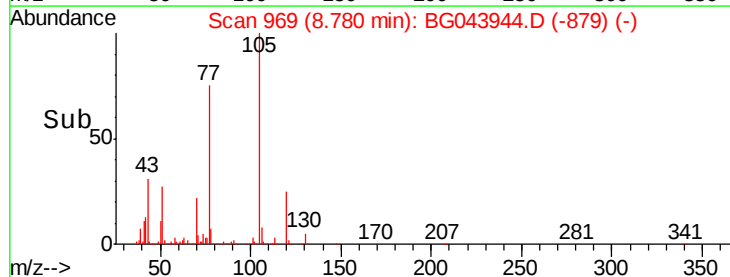
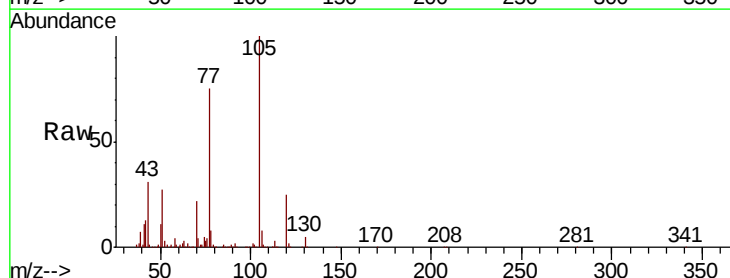
Manual Integrations  
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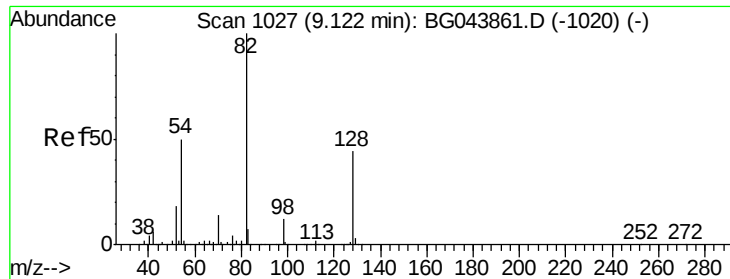
mohammad  
1/7/2020 12:31:00 PM



#22  
Acetophenone  
Concen: 40.529 ng  
RT: 8.78 min Scan# 969  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 495504 |       |       |
| 71      | 3.6  | 4.8   | 7.2#   |       |       |
| 51      | 26.9 | 21.4  | 32.0   |       |       |
| 120     | 24.6 | 18.6  | 28.0   |       |       |





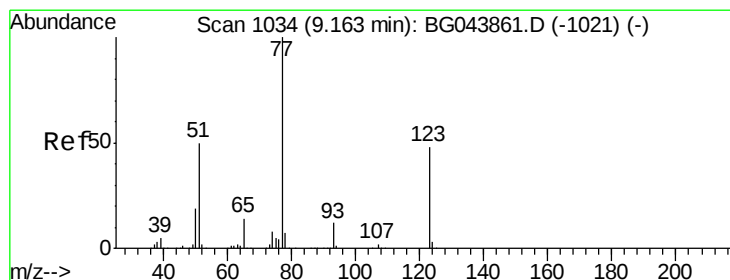
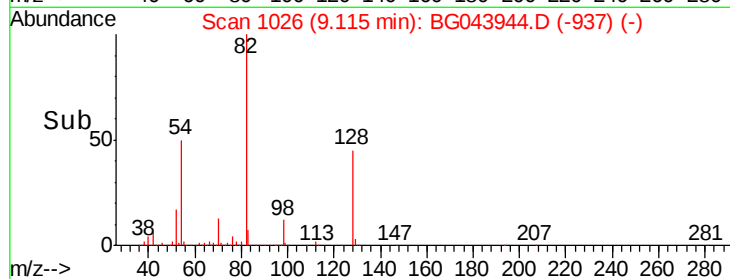
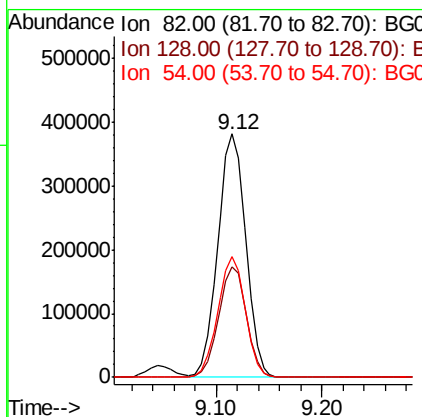
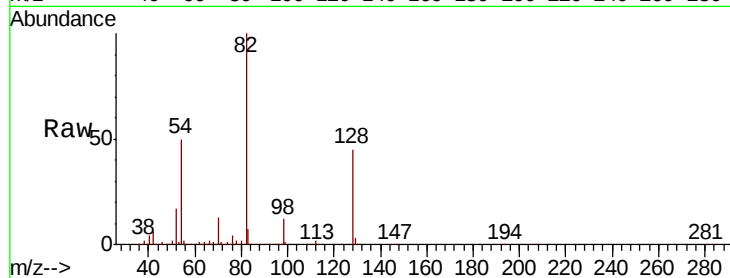
#23  
 Nitrobenzene-d5  
 Concen: 76.385 ng  
 RT: 9.12 min Scan# 1026  
 Delta R.T. -0.01 min  
 Lab File: BG043944.D  
 Acq: 6 Jan 2020 23:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.2  | 35.1  | 52.7  |
| 54      | 49.6  | 40.1  | 60.1  |

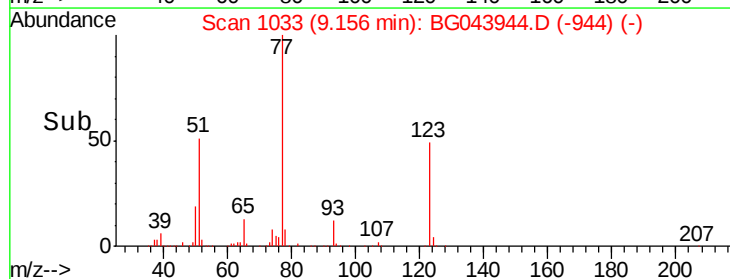
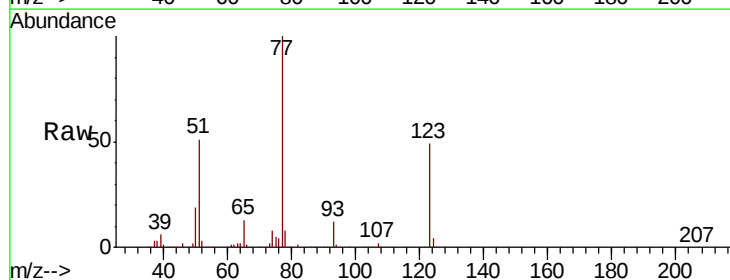
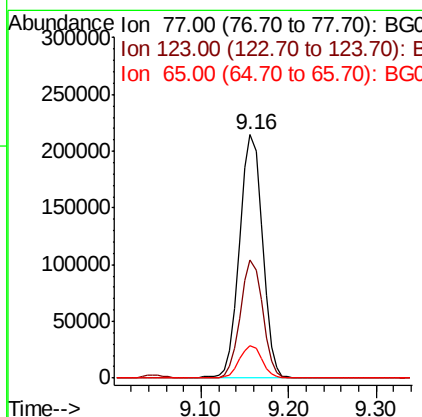
Manual Integrations  
 APPROVED

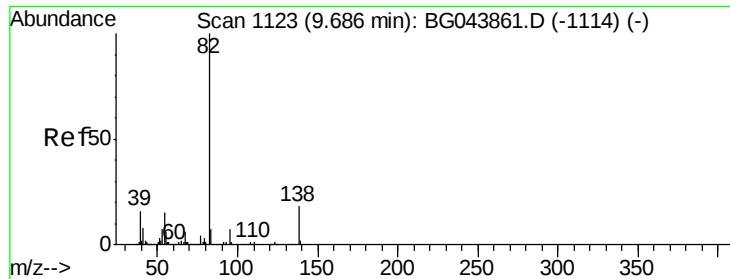
mohammad  
 1/7/2020 12:31:00 PM



#24  
 Nitrobenzene  
 Concen: 41.573 ng  
 RT: 9.16 min Scan# 1033  
 Delta R.T. -0.01 min  
 Lab File: BG043944.D  
 Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.6  | 38.7  | 58.1  |
| 65      | 13.2  | 11.1  | 16.7  |





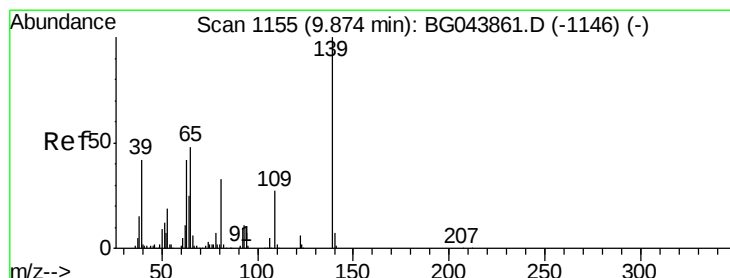
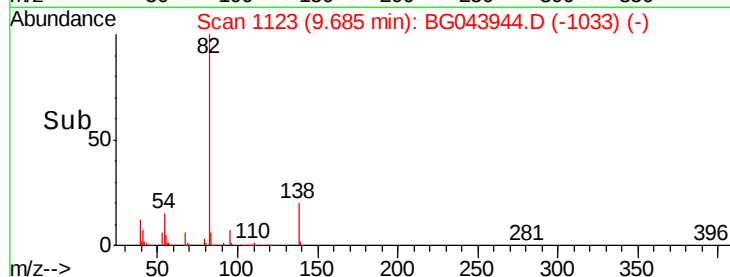
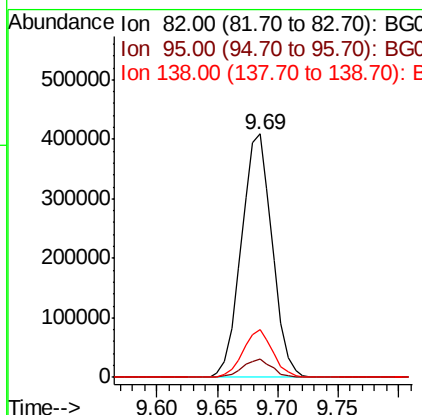
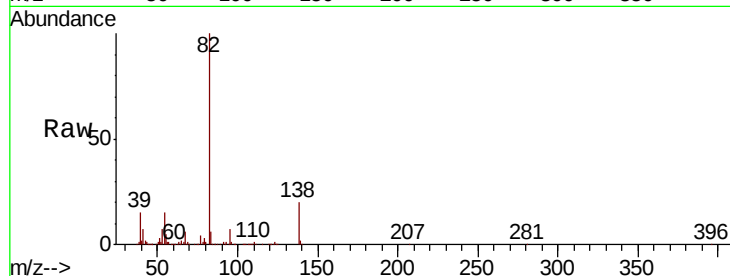
#25  
Isophorone  
Concen: 42.156 ng  
RT: 9.69 min Scan# 1123  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.4   | 5.8   | 8.6   |
| 138     | 19.5  | 14.6  | 22.0  |

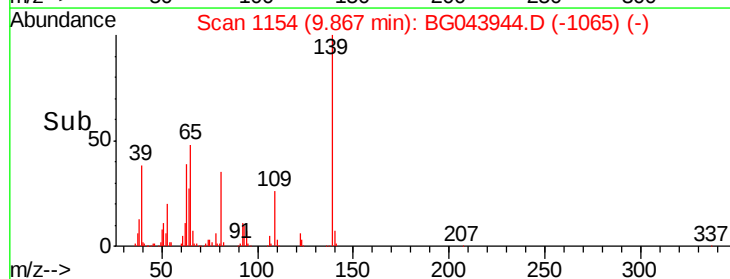
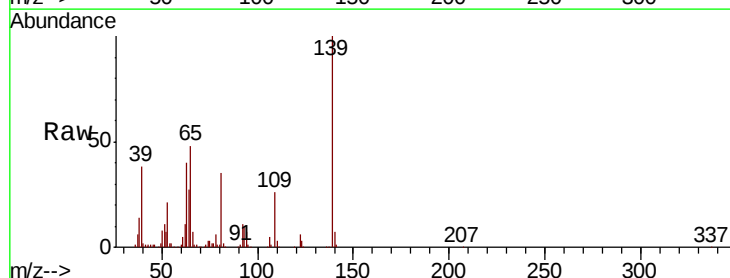
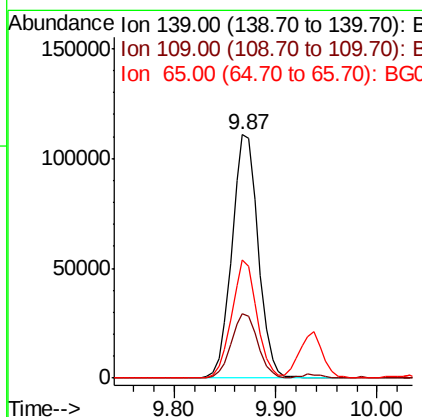
Manual Integrations  
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#26  
2-Nitrophenol  
Concen: 46.158 ng  
RT: 9.87 min Scan# 1154  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 26.5  | 21.3  | 31.9  |
| 65      | 48.3  | 38.6  | 57.8  |





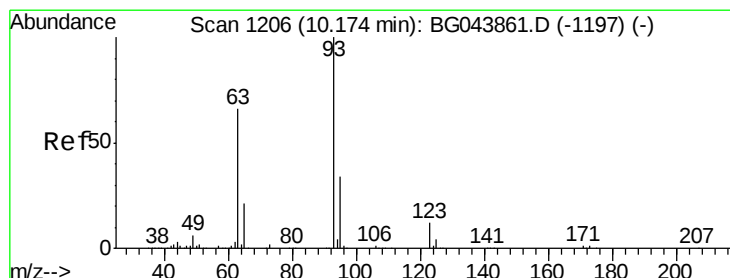
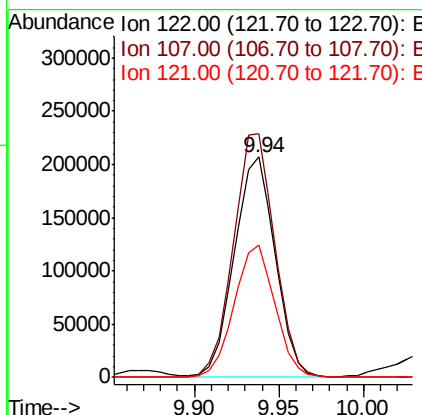
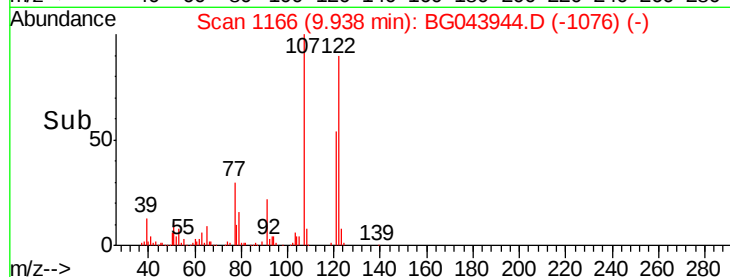
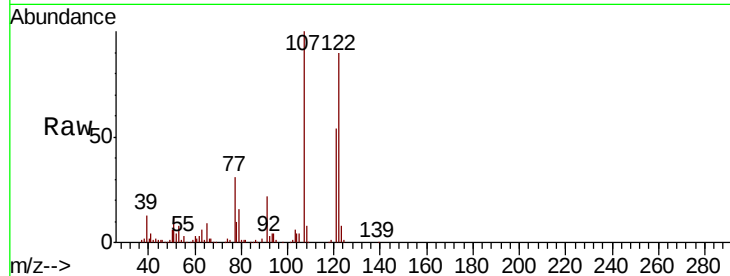
#27  
2,4-Dimethylphenol  
Concen: 53.520 ng  
RT: 9.94 min Scan# 1166  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.5 | 88.0  | 132.0 |
| 121     | 60.2  | 49.0  | 73.4  |

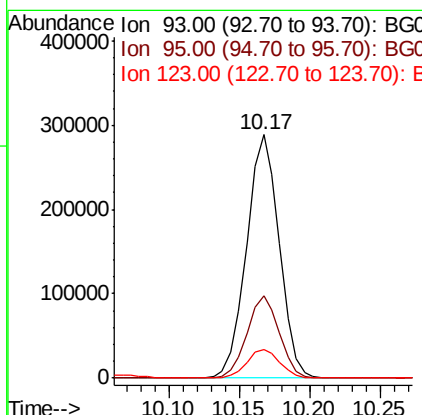
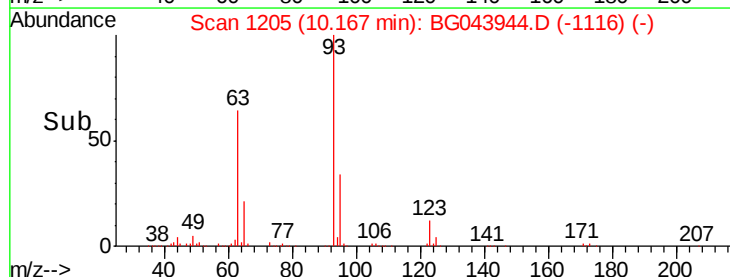
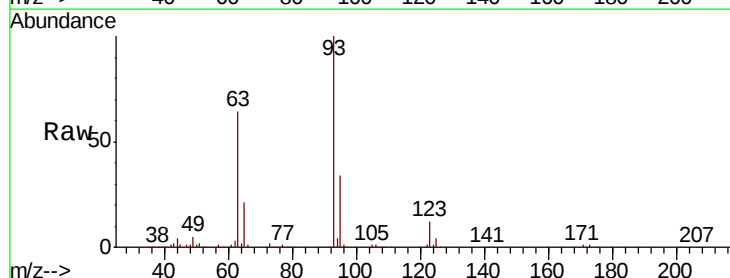
Manual Integrations  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 40.684 ng  
RT: 10.17 min Scan# 1205  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.6  | 27.2  | 40.8  |
| 123     | 11.6  | 9.7   | 14.5  |





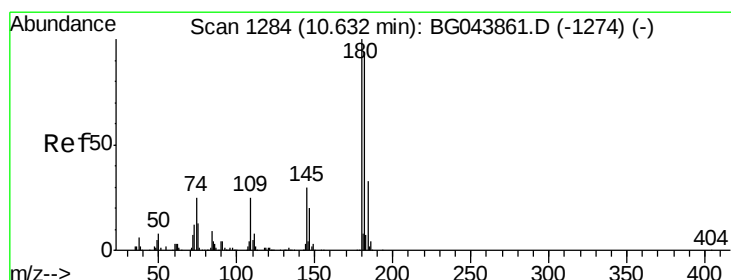
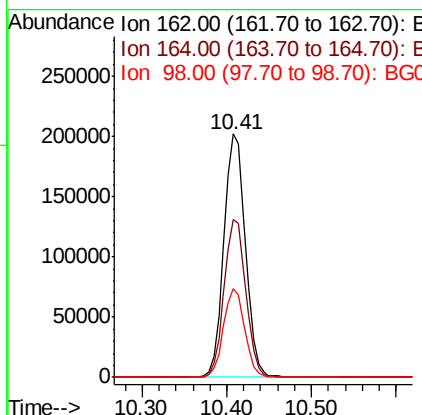
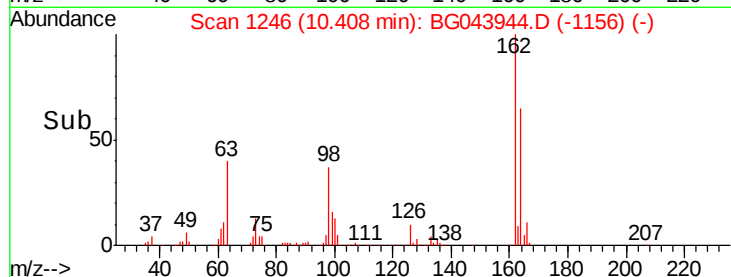
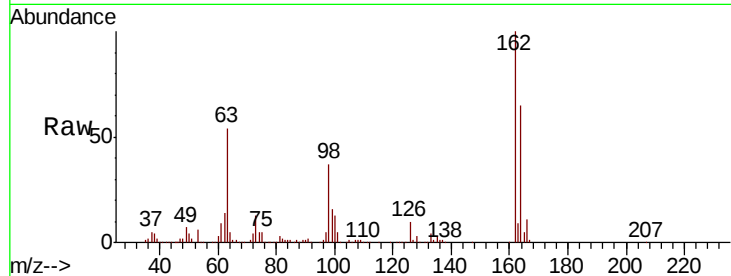
#29  
2,4-Dichlorophenol  
Concen: 45.977 ng  
RT: 10.41 min Scan# 1246  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.0  | 46.3  | 86.3  |
| 98      | 36.6  | 17.3  | 57.3  |

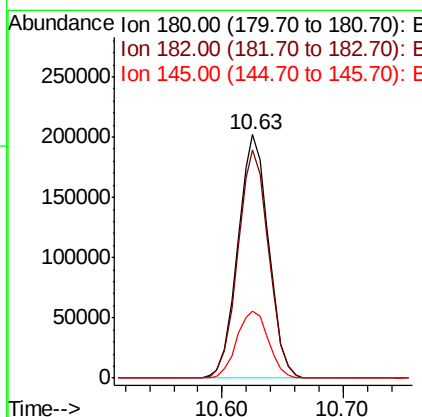
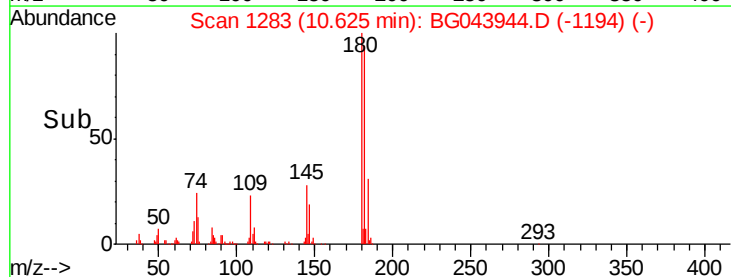
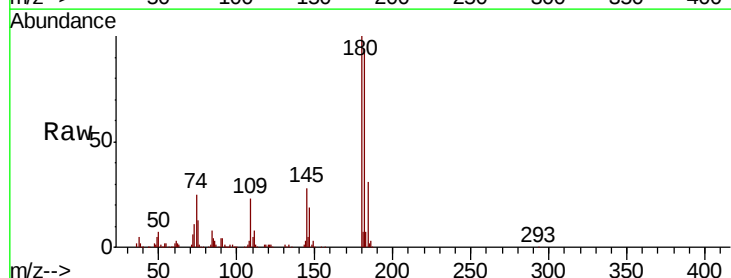
Manual Integrations  
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#30  
1,2,4-Trichlorobenzene  
Concen: 41.109 ng  
RT: 10.63 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.9  | 75.0  | 112.4 |
| 145     | 27.7  | 24.2  | 36.4  |





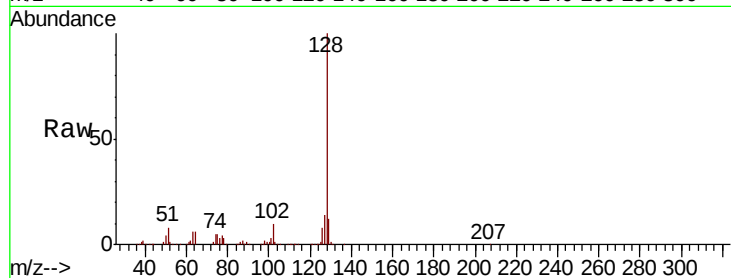
#31  
Naphthalene  
Concen: 43.716 ng  
RT: 10.81 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.9  | 9.8   | 14.6  |
| 127     | 14.3  | 12.0  | 18.0  |

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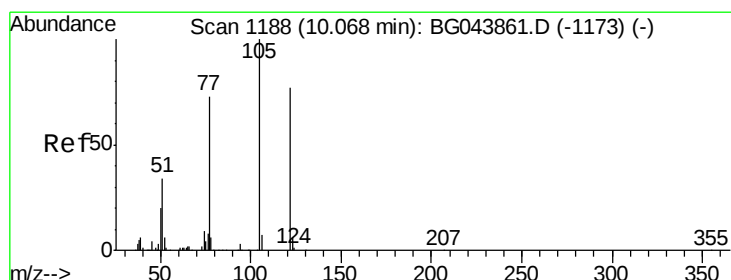
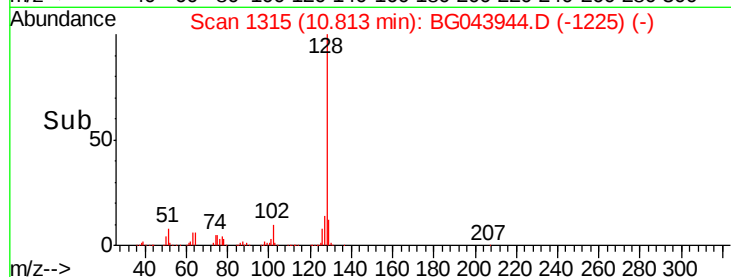
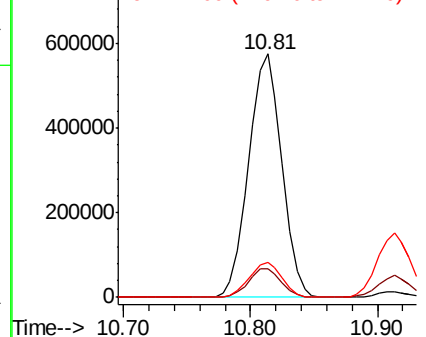


Abundance

Ion 128.00 (127.70 to 128.70): E

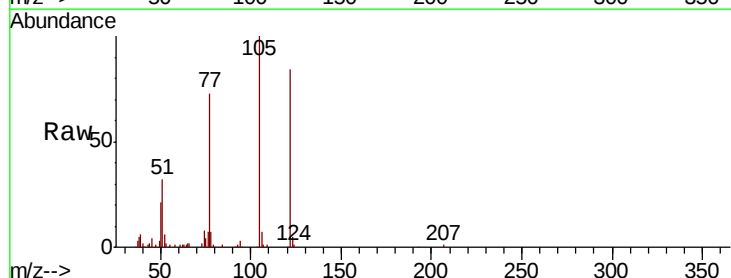
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 28.968 ng  
RT: 10.06 min Scan# 1187  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 118.7 | 106.4 | 146.4 |
| 77      | 86.6  | 74.6  | 114.6 |

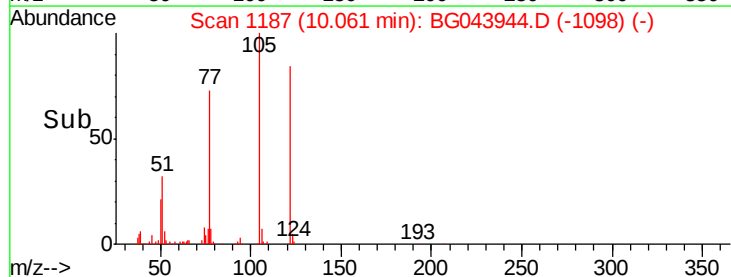
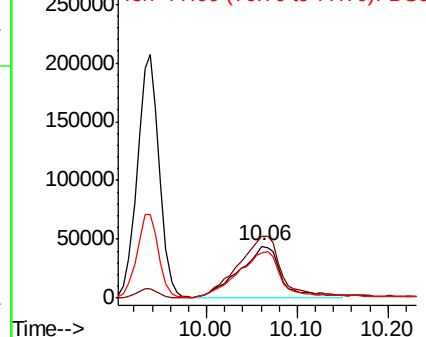


Abundance

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): BG





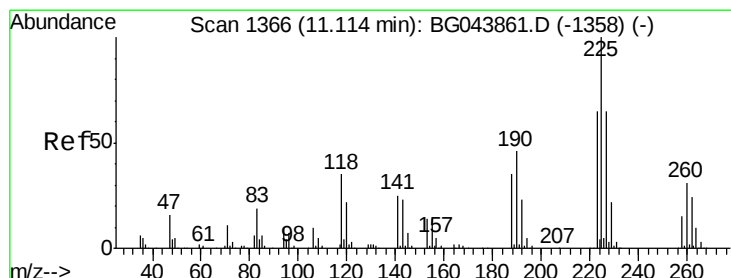
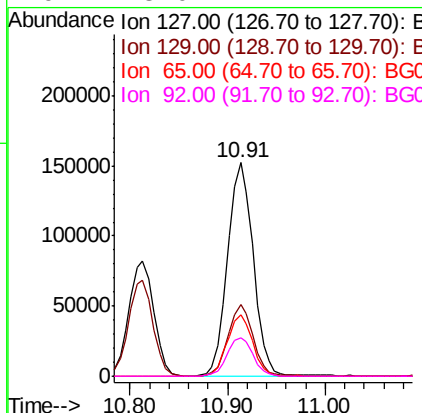
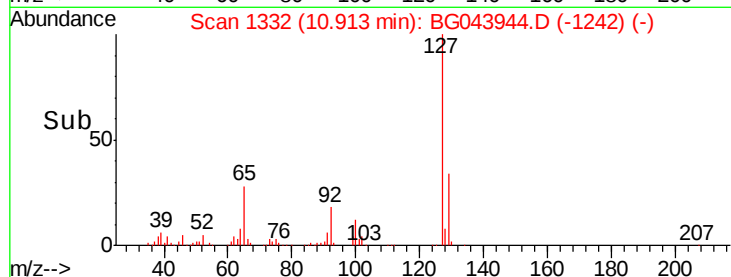
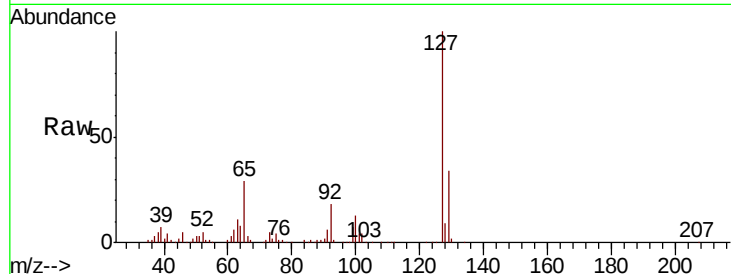
#33  
4-Chloroaniline  
Concen: 24.651 ng  
RT: 10.91 min Scan# 1332  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.6  | 26.6  | 40.0  |
| 65      | 28.6  | 23.3  | 34.9  |
| 92      | 18.0  | 14.7  | 22.1  |

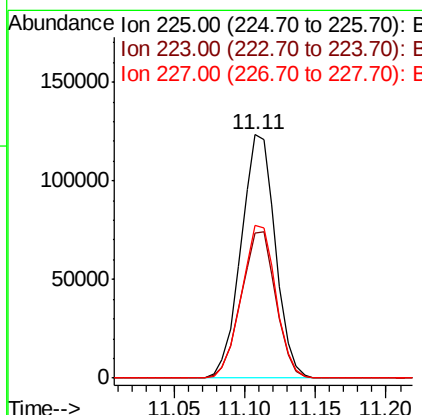
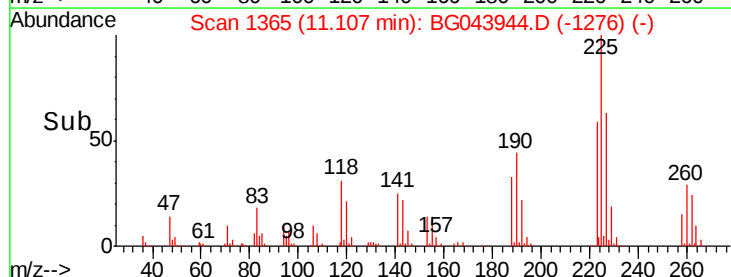
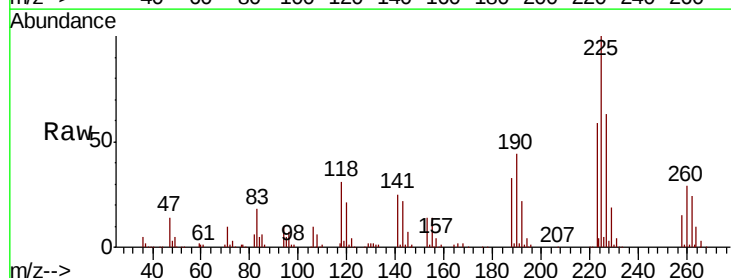
Manual Integrations  
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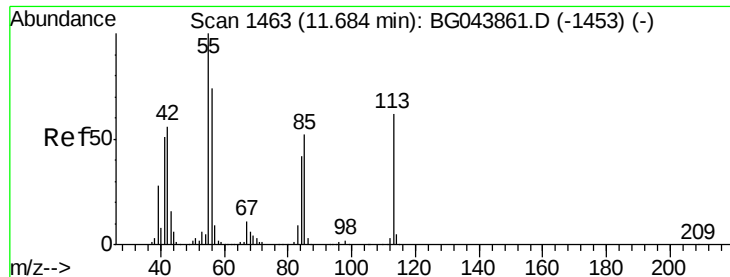
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#34  
Hexachlorobutadiene  
Concen: 39.569 ng  
RT: 11.11 min Scan# 1365  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 59.3  | 52.2  | 78.4  |
| 227     | 62.7  | 52.1  | 78.1  |





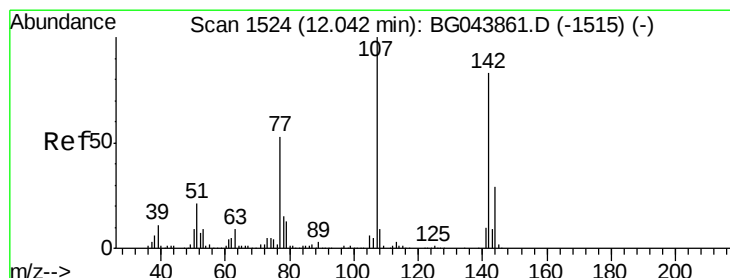
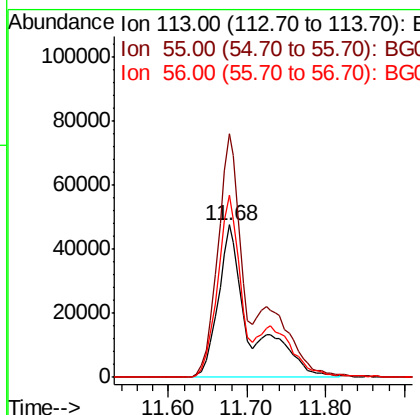
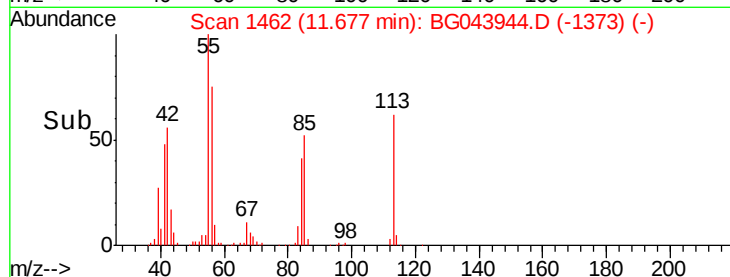
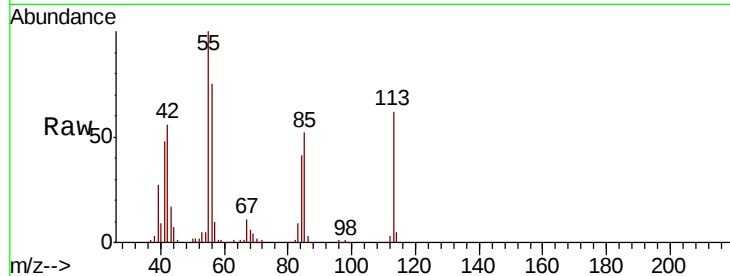
#35  
Caprolactam  
Concen: 46.686 ng/ml  
RT: 11.68 min Scan# 1462  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 160.0 | 142.5 | 182.5 |
| 56      | 119.4 | 101.4 | 141.4 |

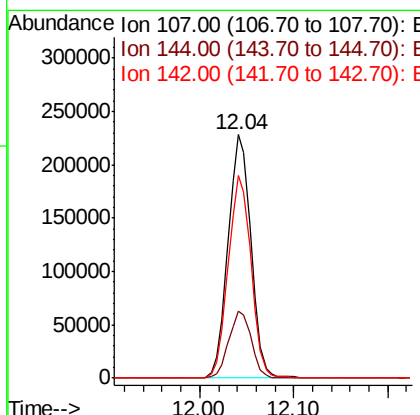
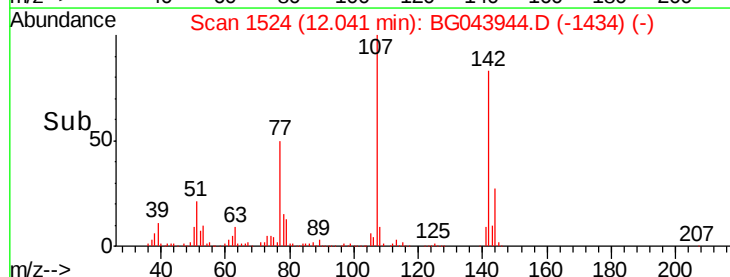
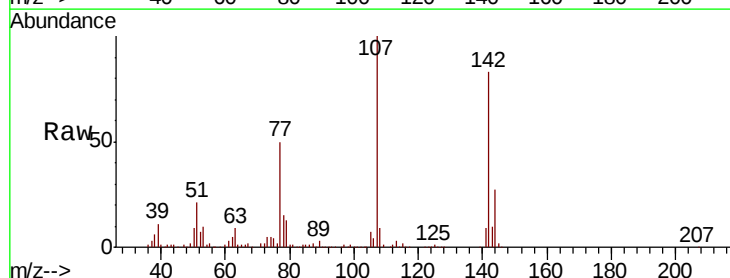
Manual Integrations  
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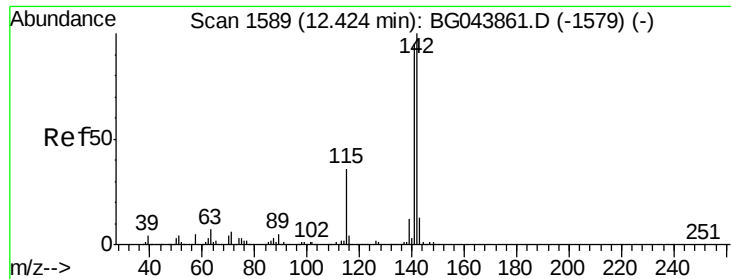
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#36  
4-Chloro-3-methylphenol  
Concen: 46.795 ng/ml  
RT: 12.04 min Scan# 1524  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.3  | 23.4  | 35.2  |
| 142     | 83.4  | 66.3  | 99.5  |





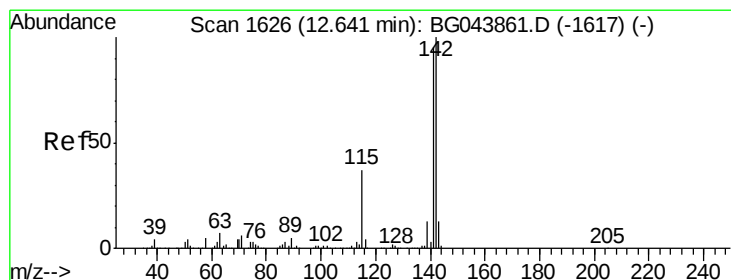
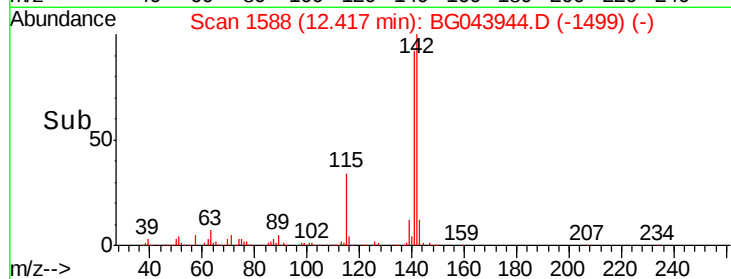
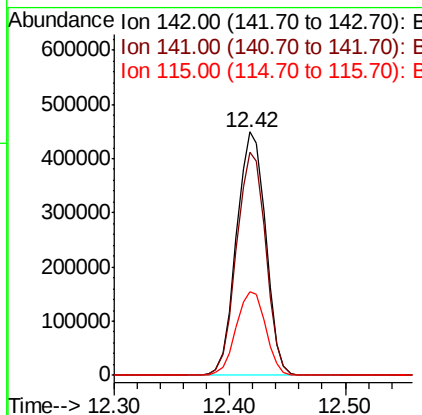
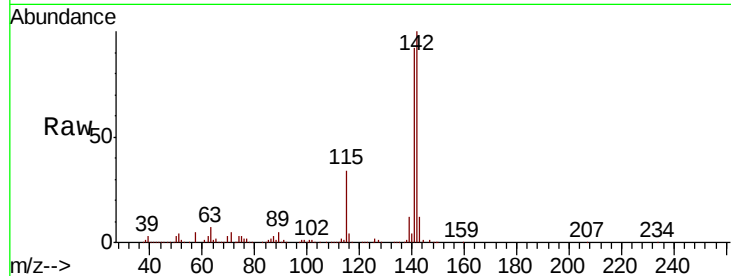
#37  
2-Methylnaphthalene  
Concen: 43.897 ng  
RT: 12.42 min Scan# 1588  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.7  | 75.8  | 113.8 |
| 115     | 34.3  | 28.6  | 42.8  |

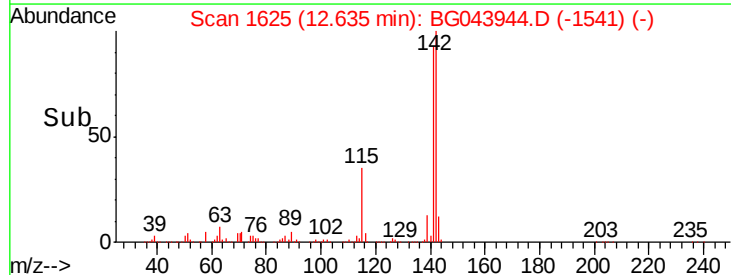
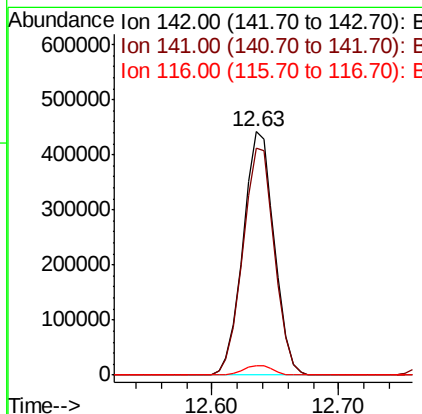
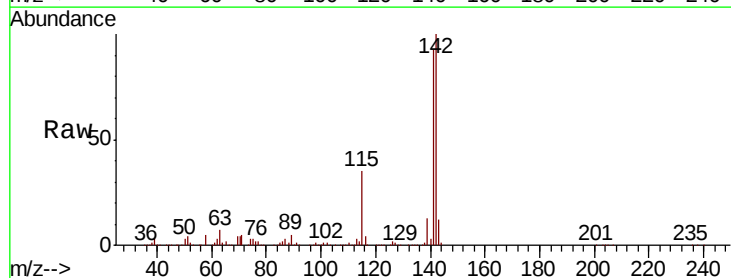
Manual Integrations  
APPROVED

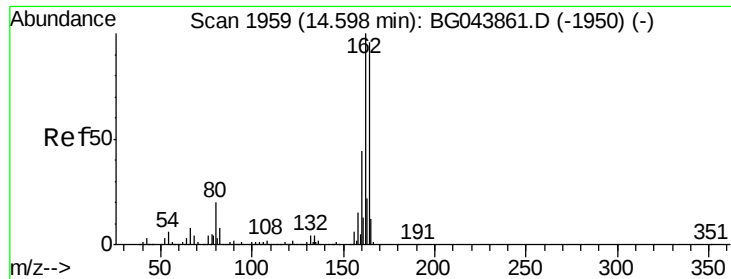
mohammad  
1/7/2020 12:31:00 PM



#38  
1-Methylnaphthalene  
Concen: 44.272 ng  
RT: 12.63 min Scan# 1625  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.3  | 76.0  | 114.0 |
| 116     | 4.1   | 3.1   | 4.7   |





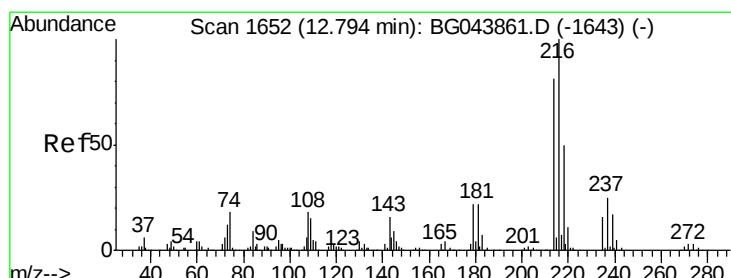
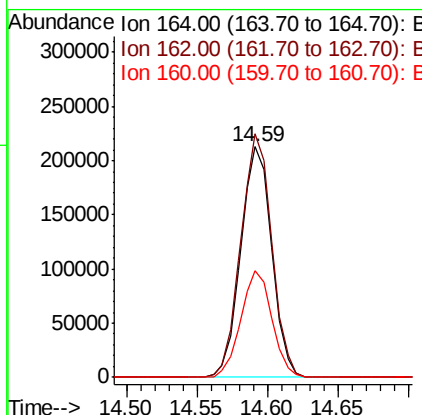
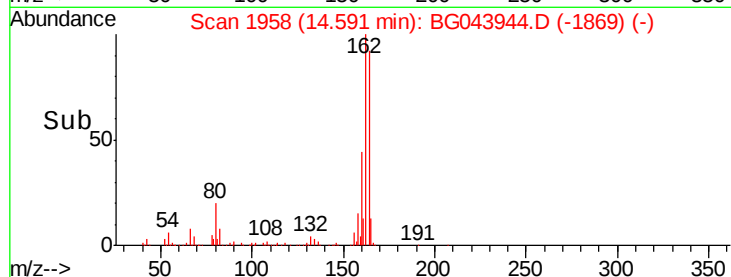
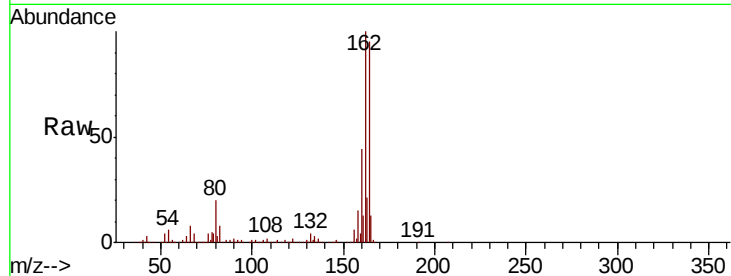
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.59 min Scan# 1958  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 105.7 | 83.0 | 124.4 |       |
| 160     | 46.4  | 36.1 | 54.1  |       |

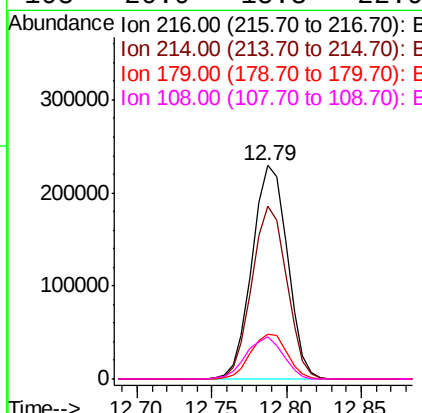
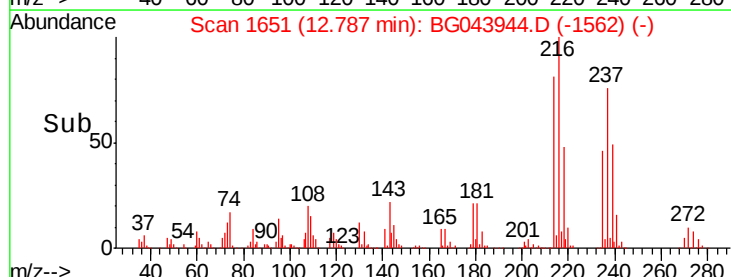
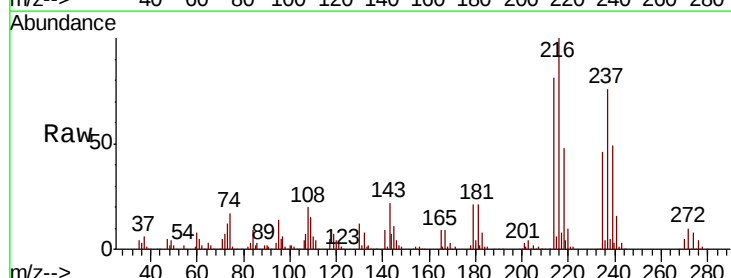
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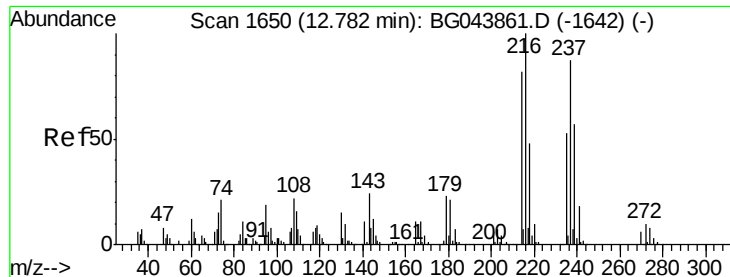
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.360 ng  
RT: 12.79 min Scan# 1651  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 79.9  | 63.8 | 95.8  |       |
| 179     | 21.8  | 17.3 | 25.9  |       |
| 108     | 20.9  | 15.3 | 22.9  |       |





#41

Hexachlorocyclopentadiene

Concen: 100.084 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

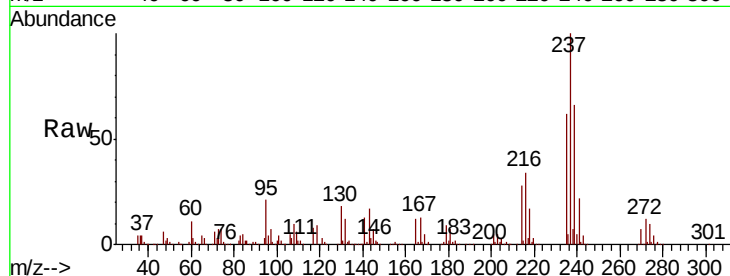
ClientSampleId :

IDOC-W-03-CG

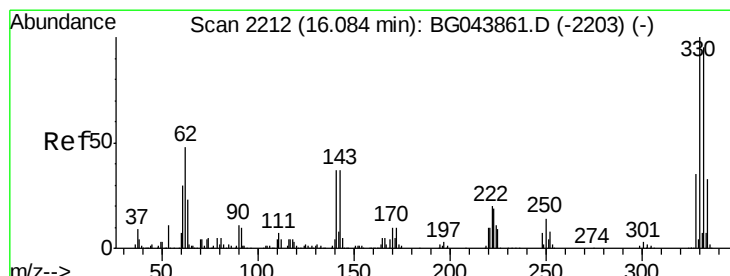
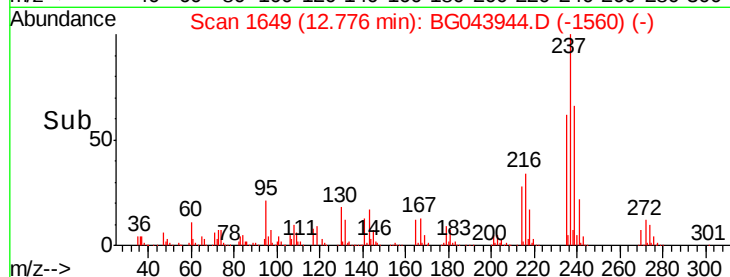
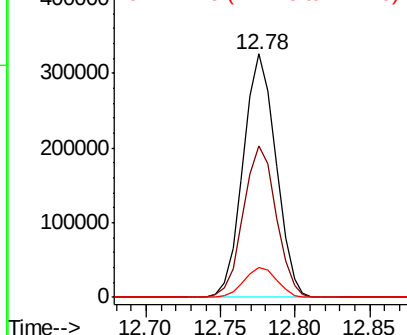
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 495968 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.0  | 41.1  | 81.1   |
| 272       | 12.2  | 0.0   | 31.7   |

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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: 124.198 ng

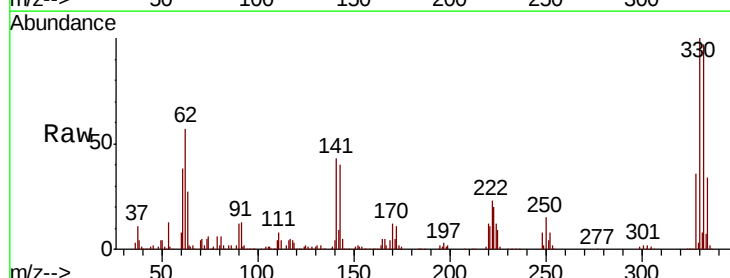
RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

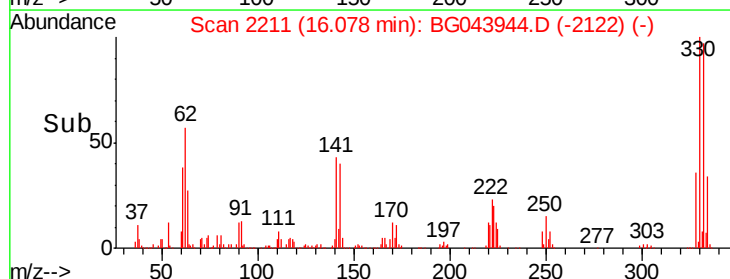
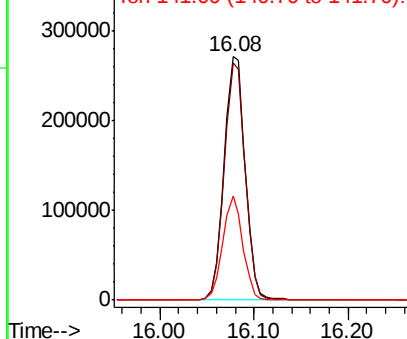
Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 423861 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.5  | 77.2  | 115.8  |
| 141       | 40.8  | 33.1  | 49.7   |



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





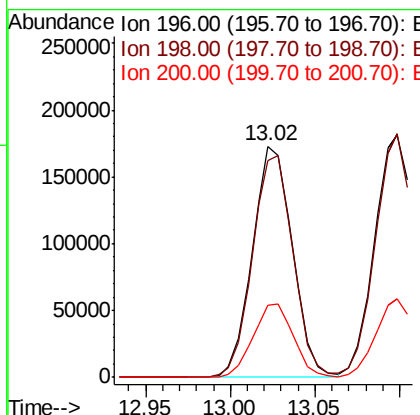
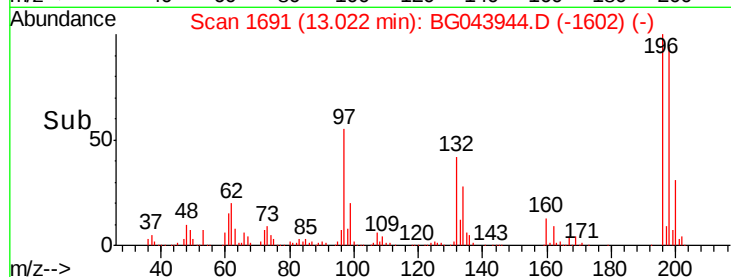
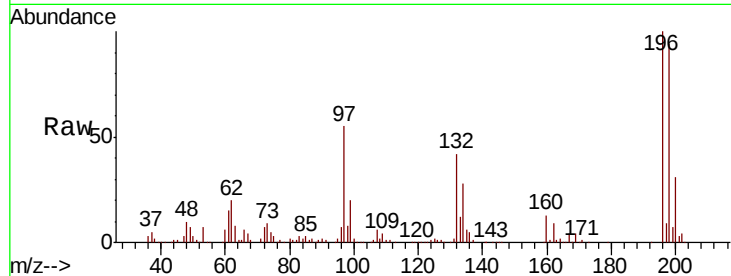
#43  
 2,4,6-Trichlorophenol  
 Concen: 43.298 ng  
 RT: 13.02 min Scan# 1691  
 Delta R.T. -0.01 min  
 Lab File: BG043944.D  
 Acq: 6 Jan 2020 23:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.9  | 76.6  | 115.0 |
| 200     | 31.1  | 24.6  | 37.0  |

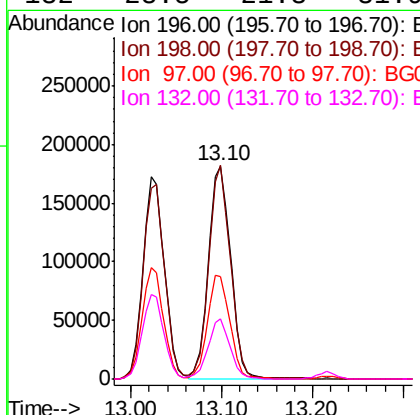
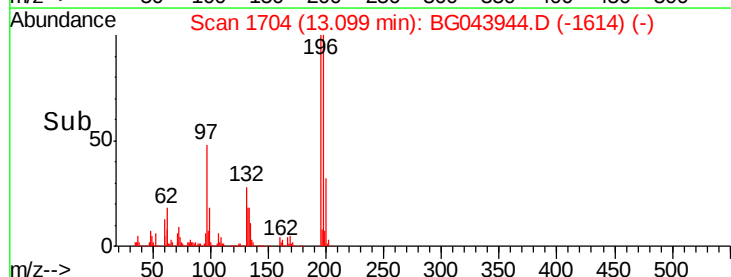
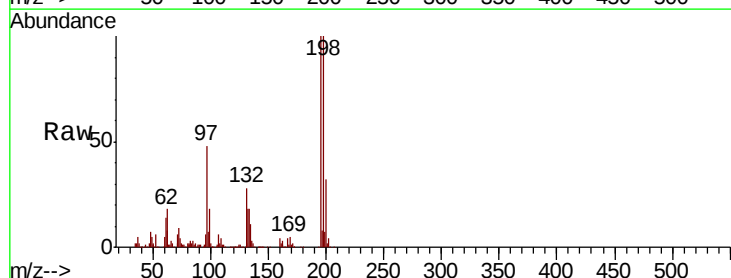
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#44  
 2,4,5-Trichlorophenol  
 Concen: 45.859 ng  
 RT: 13.10 min Scan# 1704  
 Delta R.T. -0.00 min  
 Lab File: BG043944.D  
 Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 100.5 | 78.3  | 117.5 |
| 97      | 48.1  | 38.8  | 58.2  |
| 132     | 28.5  | 21.3  | 31.9  |





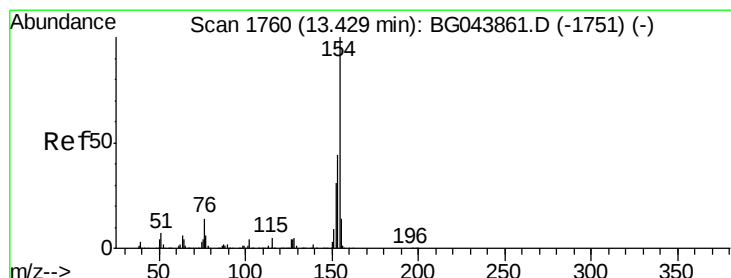
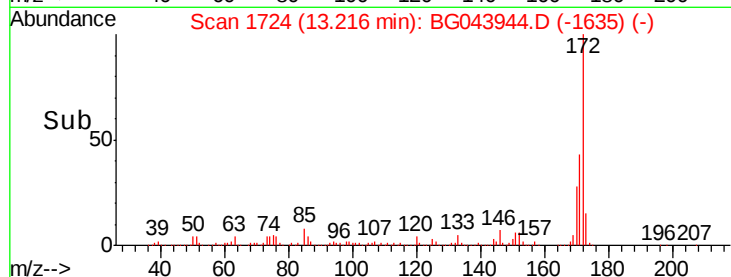
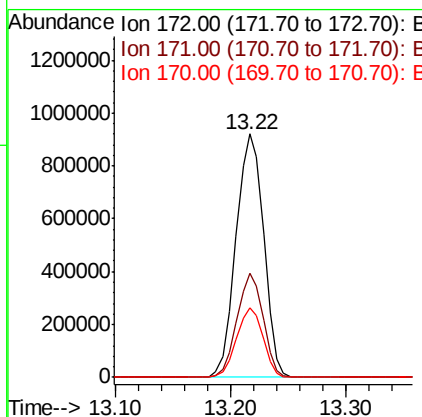
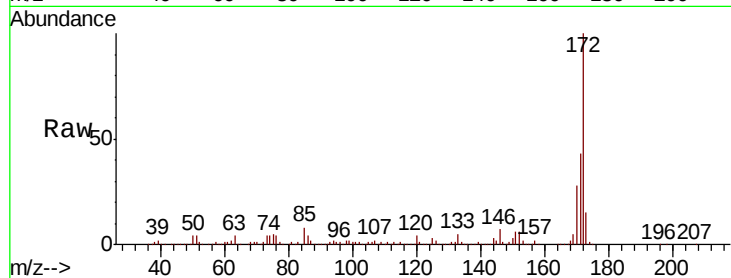
#45  
2-Fluorobiphenyl  
Concen: 84.556 ng  
RT: 13.22 min Scan# 1724  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 42.6  | 35.8  | 53.8  |
| 170     | 28.3  | 24.2  | 36.4  |

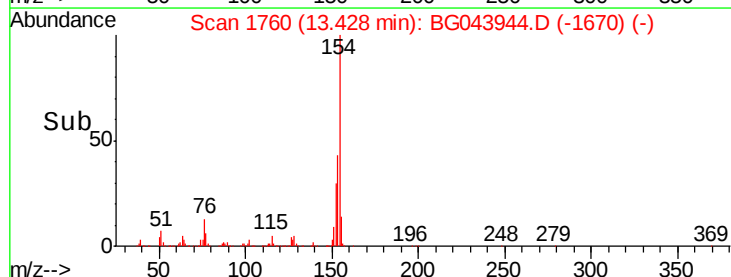
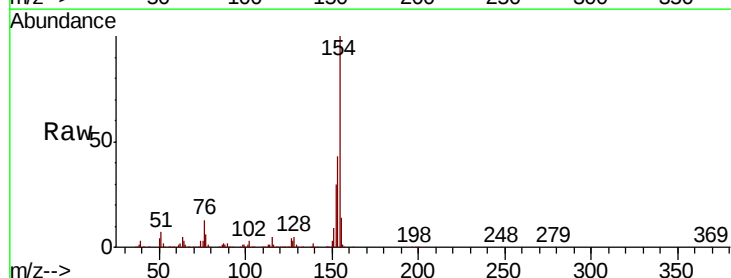
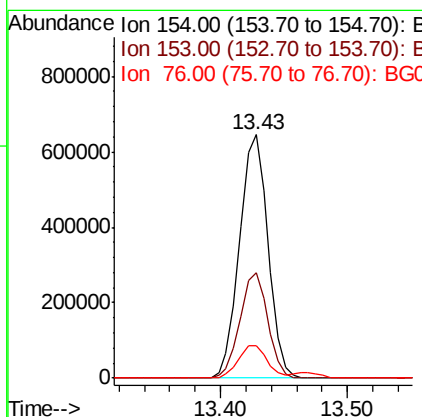
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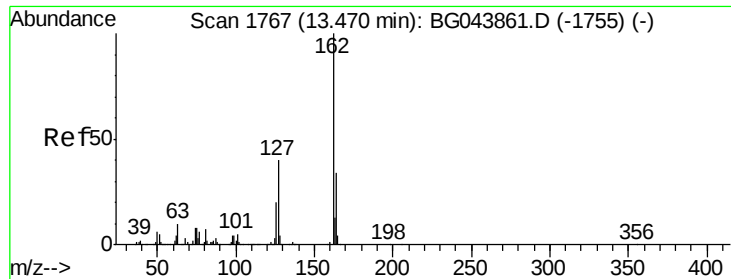
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#46  
1,1'-Biphenyl  
Concen: 42.827 ng  
RT: 13.43 min Scan# 1760  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.0  | 23.6  | 63.6  |
| 76      | 13.1  | 0.0   | 34.4  |





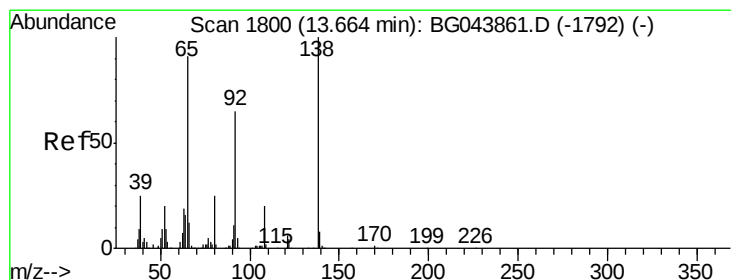
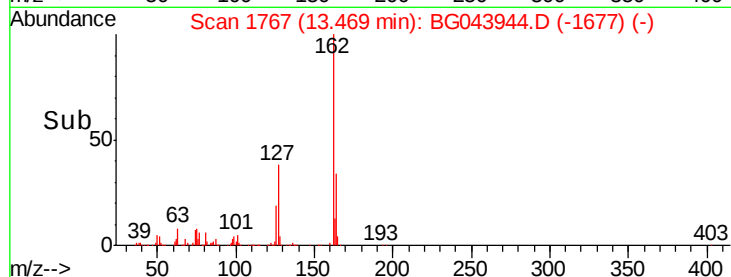
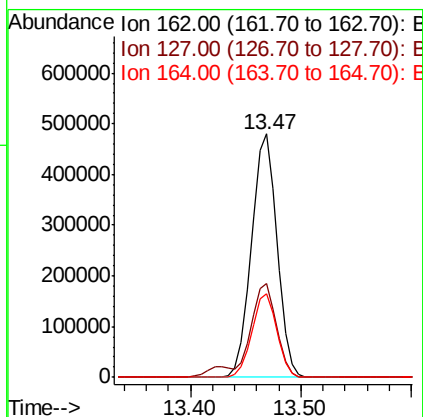
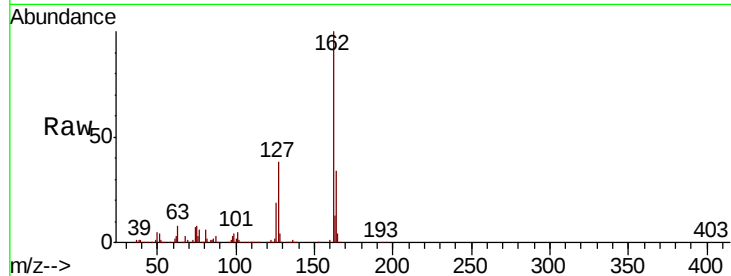
#47  
2-Chloronaphthalene  
Concen: 41.212 ng  
RT: 13.47 min Scan# 1767  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.5  | 32.1  | 48.1  |
| 164     | 34.4  | 27.5  | 41.3  |

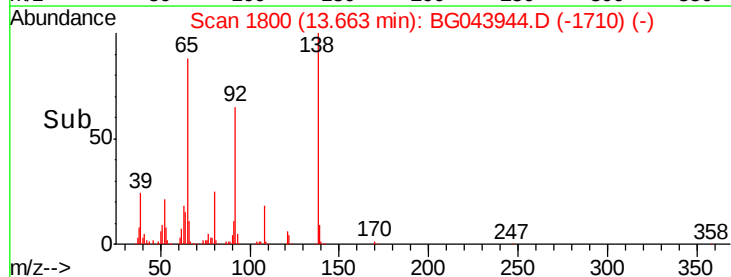
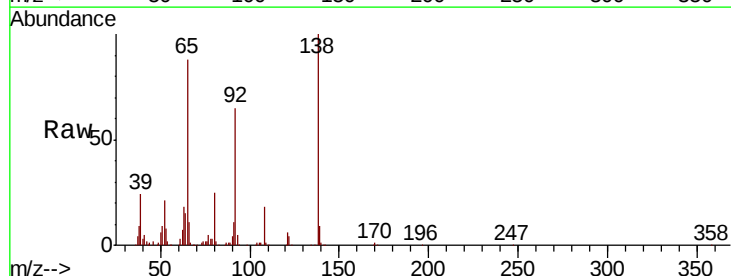
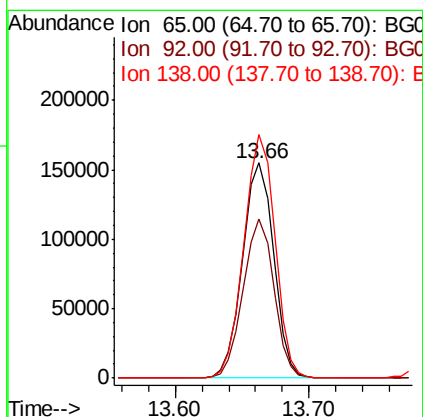
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#48  
2-Nitroaniline  
Concen: 41.301 ng  
RT: 13.66 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.9  | 57.4  | 86.2  |
| 138     | 113.3 | 88.2  | 132.4 |





#49

Acenaphthylene

Concen: 45.116 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

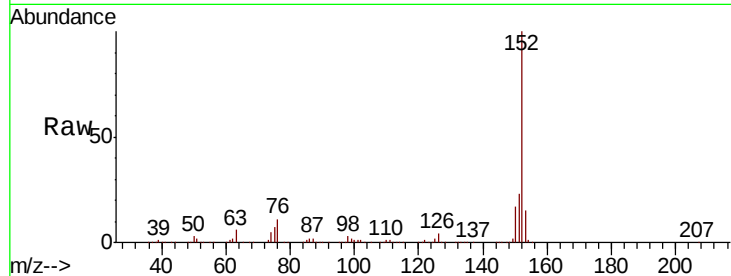
ClientSampleId :

IDOC-W-03-CG

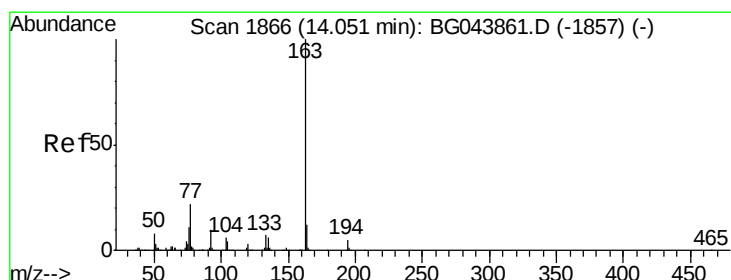
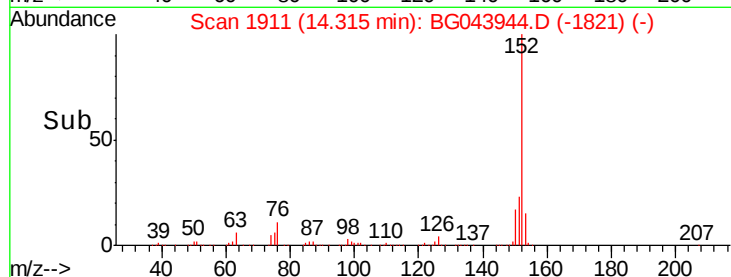
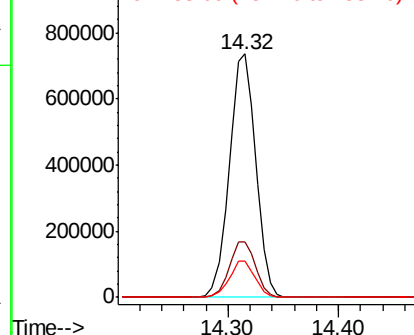
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 152   | Resp: | 1225211 |
| Ion      | Ratio | Lower | Upper   |
| 152      | 100   |       |         |
| 151      | 23.0  | 19.4  | 29.2    |
| 153      | 14.7  | 12.0  | 18.0    |

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



#50

Dimethylphthalate

Concen: 43.256 ng

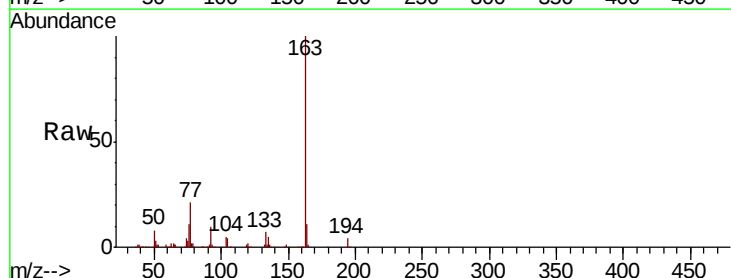
RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

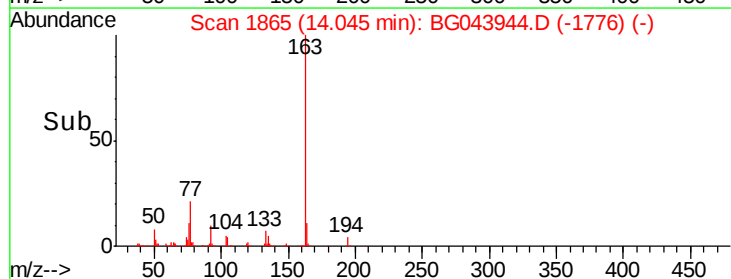
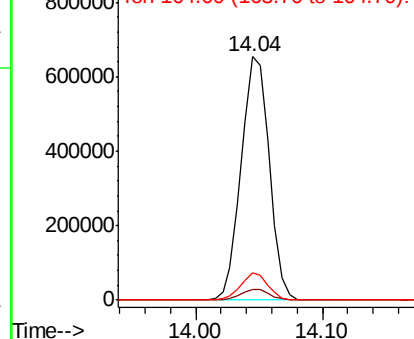
Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 163   | Resp: | 1001620 |
| Ion      | Ratio | Lower | Upper   |
| 163      | 100   |       |         |
| 194      | 4.2   | 3.7   | 5.5     |
| 164      | 11.3  | 9.3   | 13.9    |



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





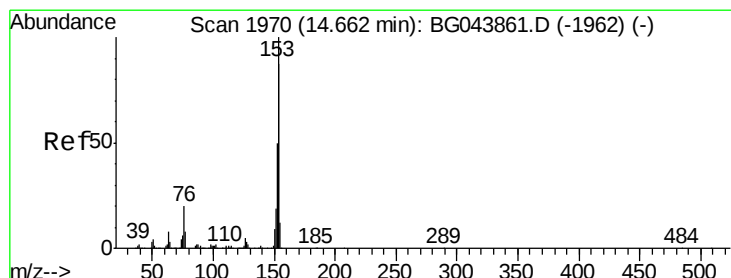
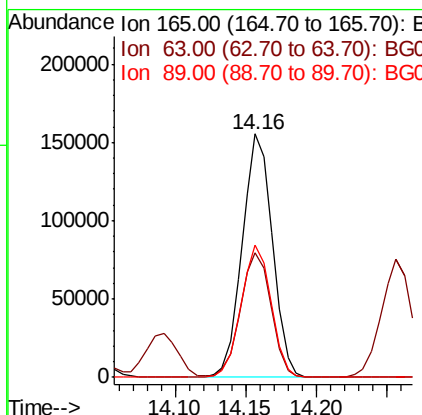
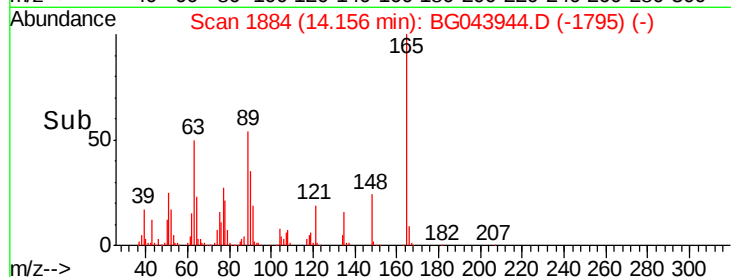
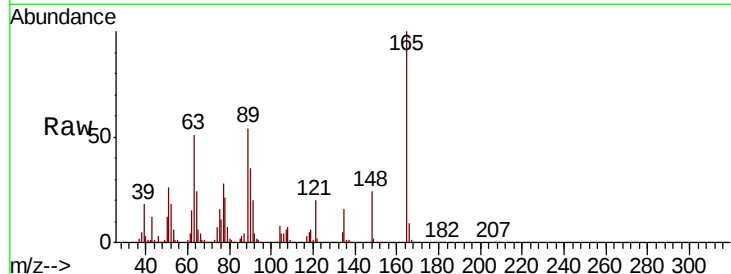
#51  
2,6-Dinitrotoluene  
Concen: 44.513 ng  
RT: 14.16 min Scan# 1884  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 51.0  | 43.1  | 64.7  |
| 89      | 54.3  | 43.8  | 65.6  |

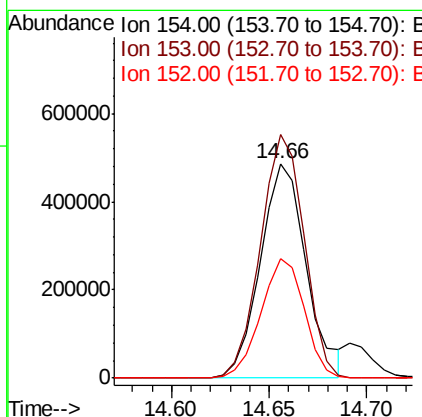
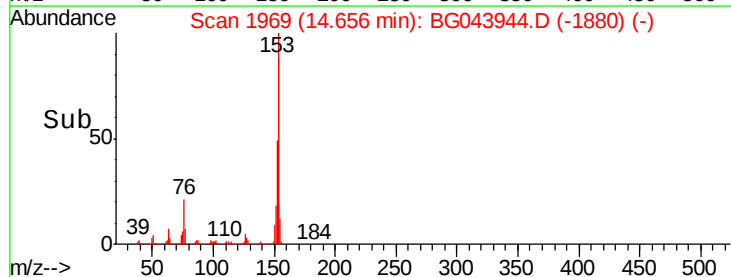
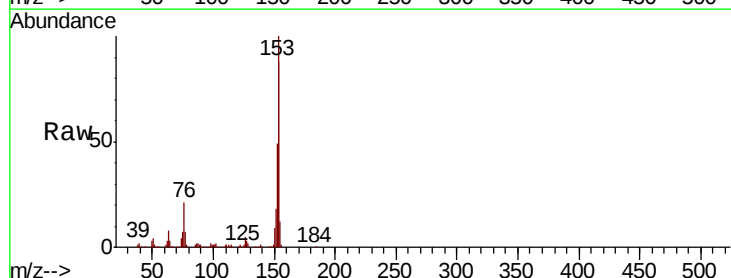
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#52  
Acenaphthene  
Concen: 41.533 ng  
RT: 14.66 min Scan# 1969  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.5 | 91.6  | 137.4 |
| 152     | 55.8  | 45.4  | 68.0  |





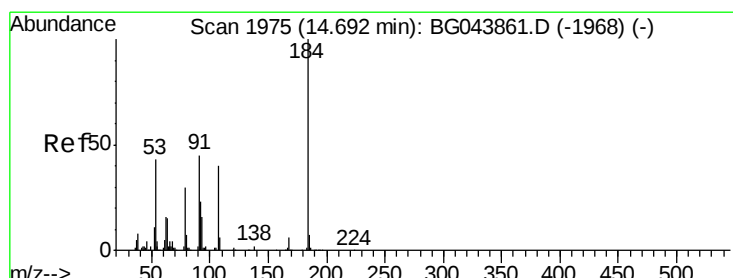
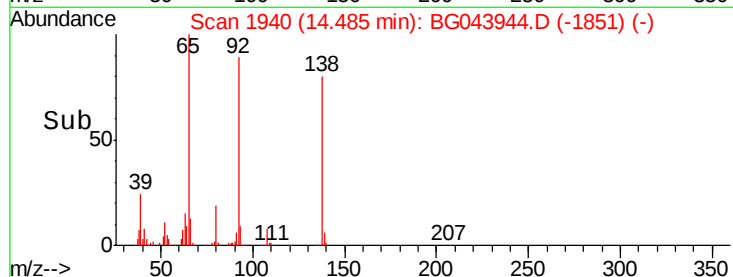
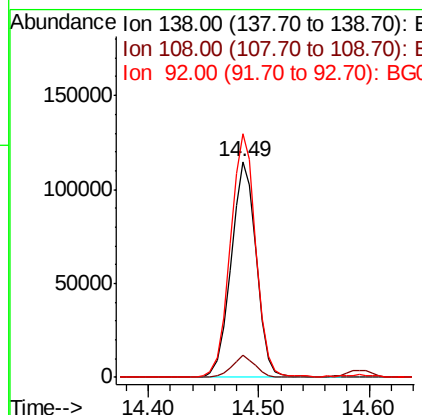
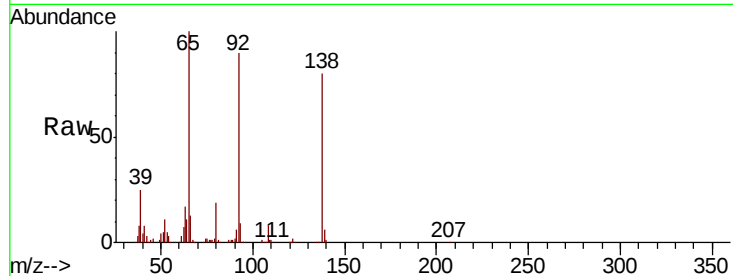
#53  
3-Nitroaniline  
Concen: 30.898 ng  
RT: 14.49 min Scan# 1940  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 7.4   | 11.2  |
| 92      | 113.0 | 92.1  | 138.1 |

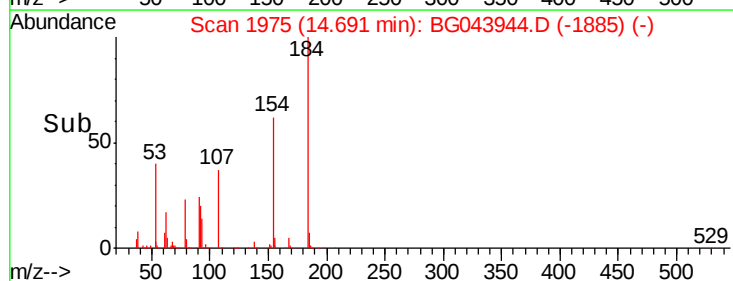
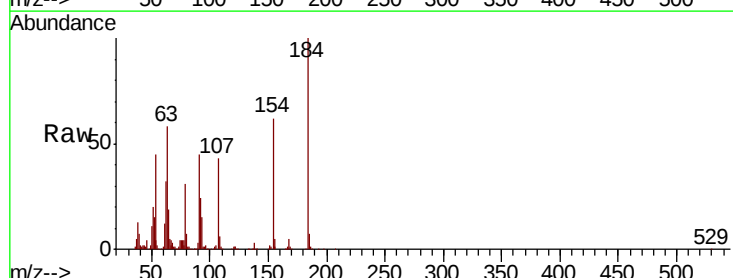
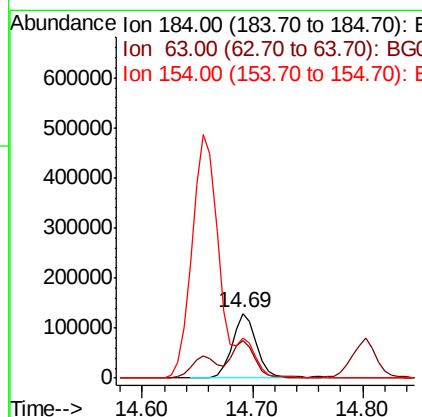
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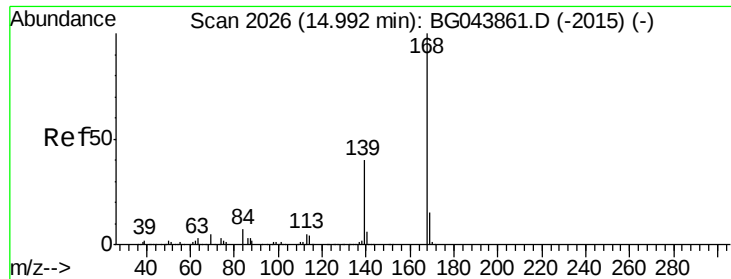
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#54  
2,4-Dinitrophenol  
Concen: 76.566 ng  
RT: 14.69 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 58.4  | 46.6  | 70.0  |
| 154     | 61.7  | 50.2  | 75.4  |





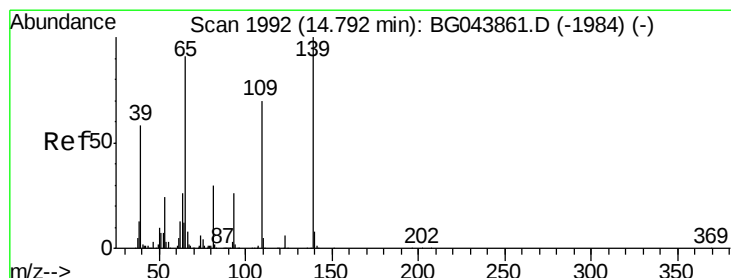
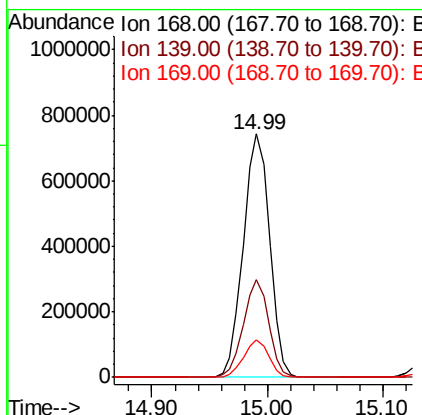
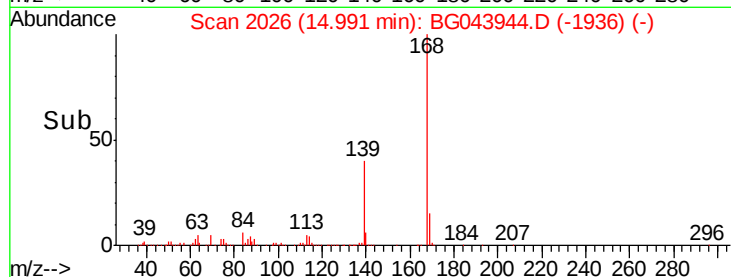
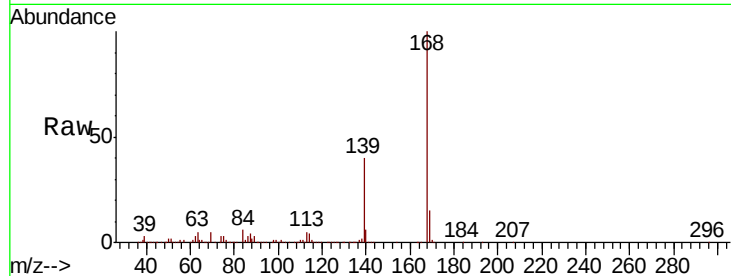
#55  
Dibenzenofuran  
Concen: 44.970 ng  
RT: 14.99 min Scan# 2026  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.4  | 32.2  | 48.2  |
| 169     | 15.5  | 12.2  | 18.2  |

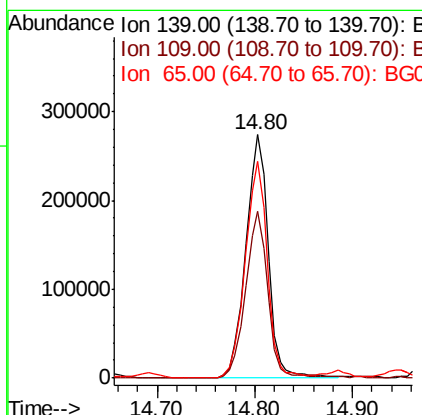
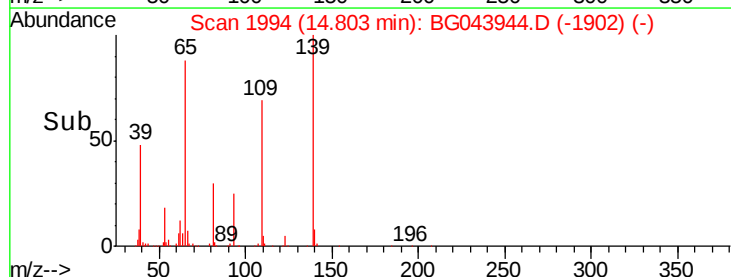
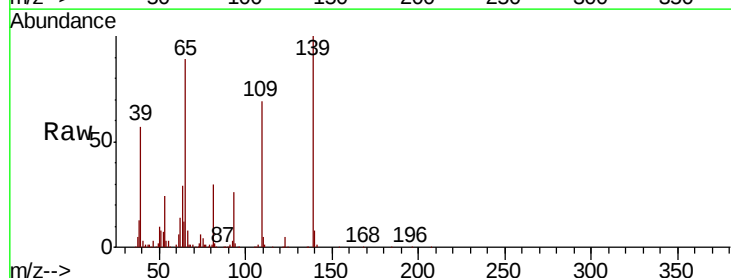
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#56  
4-Nitrophenol  
Concen: 97.406 ng  
RT: 14.80 min Scan# 1994  
Delta R.T. 0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 68.7  | 50.4  | 90.4  |
| 65      | 89.2  | 71.4  | 111.4 |





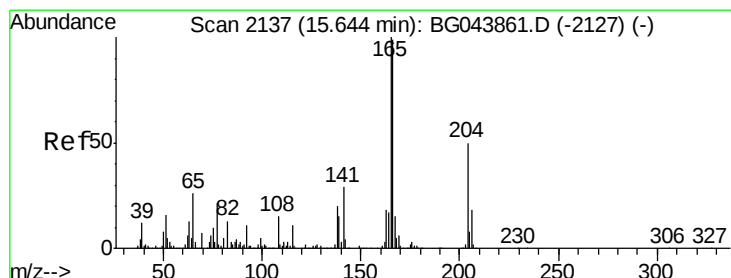
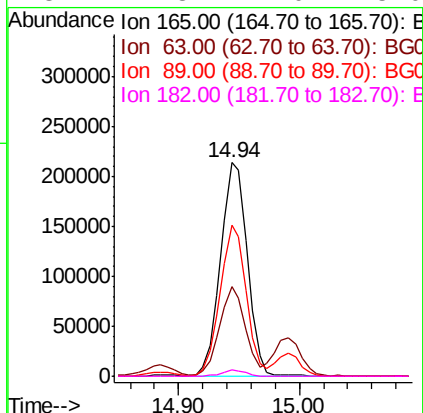
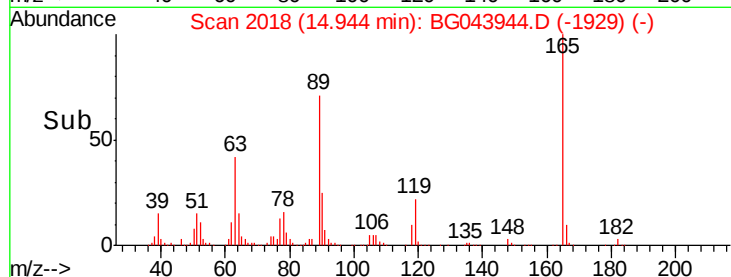
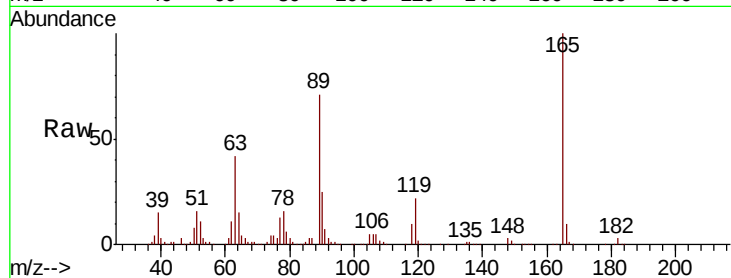
#57  
2,4-Dinitrotoluene  
Concen: 45.974 ng  
RT: 14.94 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 327403 |       |       |
| 63      | 41.9 | 31.9  | 47.9   |       |       |
| 89      | 70.9 | 53.8  | 80.6   |       |       |
| 182     | 2.8  | 2.0   | 3.0    |       |       |

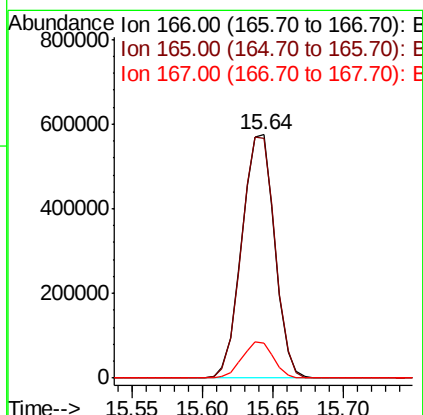
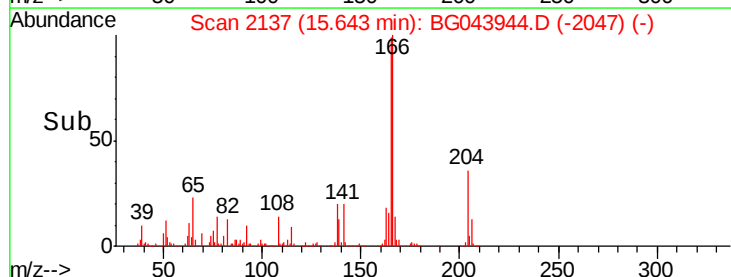
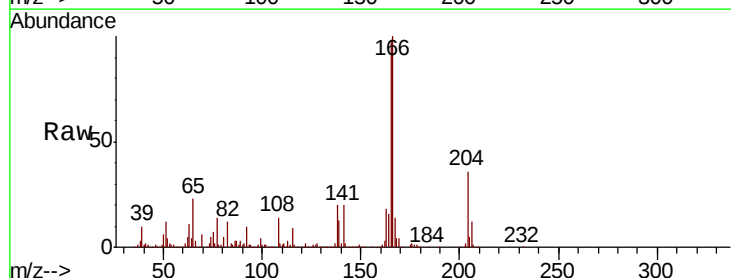
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#58  
Fluorene  
Concen: 45.043 ng  
RT: 15.64 min Scan# 2137  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 935980 |       |       |
| 165     | 98.3 | 80.8  | 121.2  |       |       |
| 167     | 14.3 | 12.1  | 18.1   |       |       |





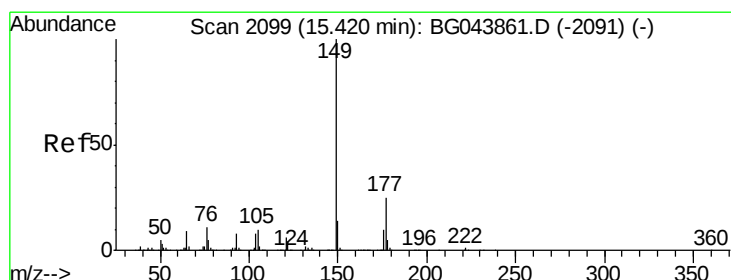
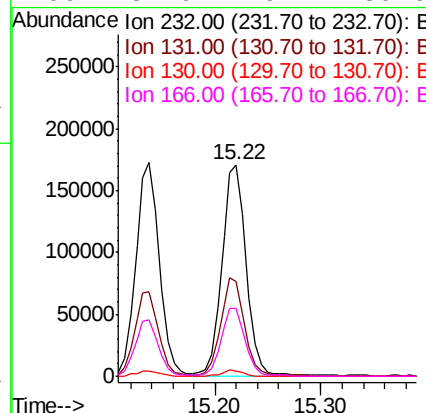
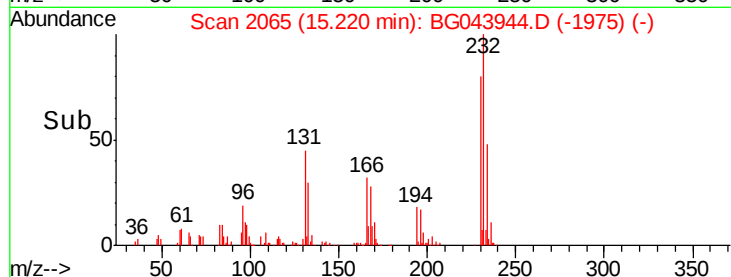
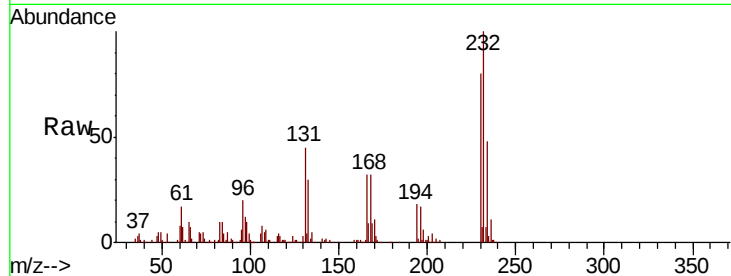
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.482 ng  
RT: 15.22 min Scan# 2065  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.1  | 38.2  | 57.2  |
| 130     | 2.6   | 2.2   | 3.2   |
| 166     | 31.9  | 26.4  | 39.6  |

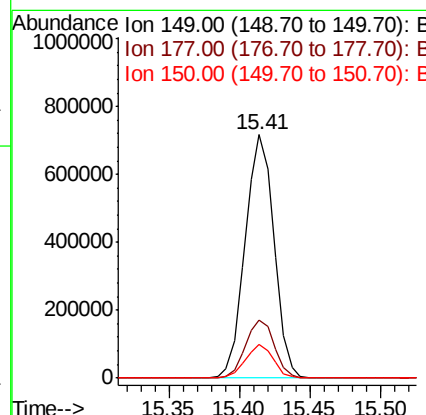
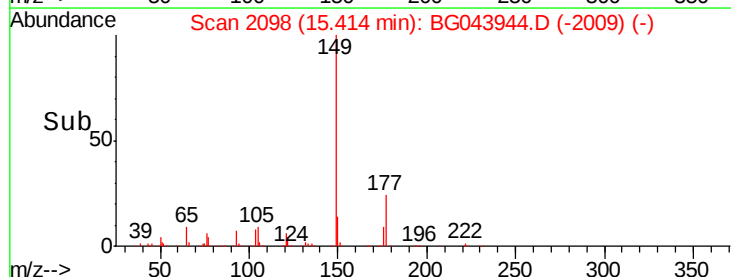
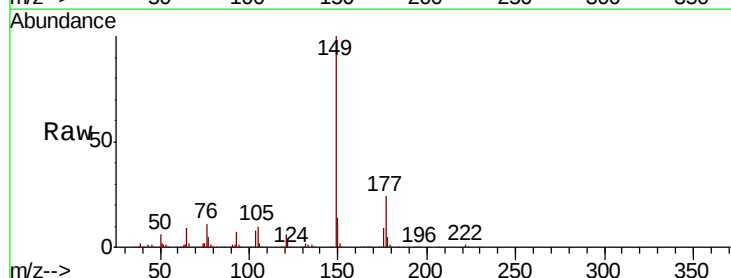
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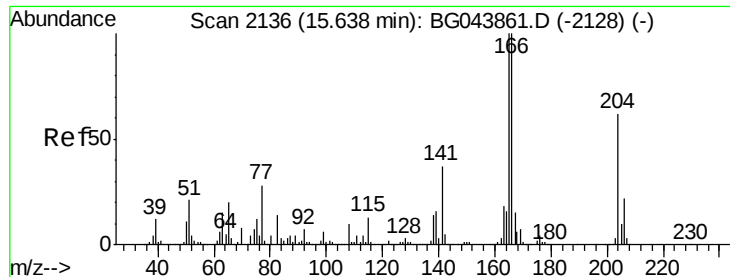
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#60  
Diethylphthalate  
Concen: 44.216 ng  
RT: 15.41 min Scan# 2098  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.1  | 20.0  | 30.0  |
| 150     | 13.8  | 11.1  | 16.7  |





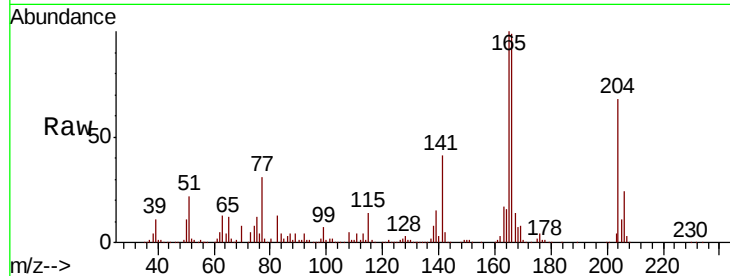
#61  
4-Chlorophenyl-phenylether  
Concen: 43.108 ng  
RT: 15.63 min Scan# 2135  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.9  | 28.2  | 42.2  |
| 141     | 60.4  | 48.2  | 72.2  |

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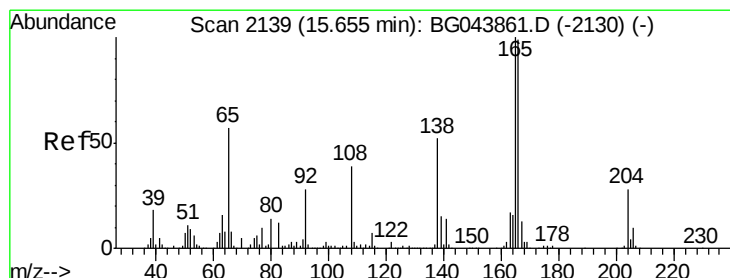
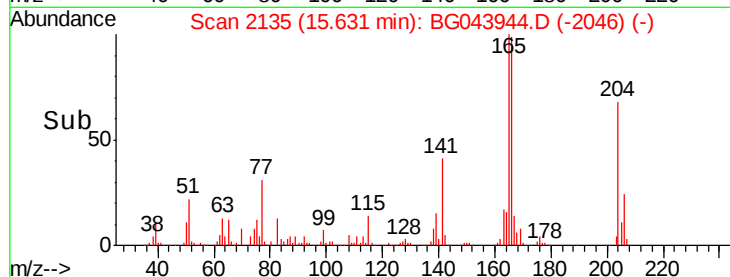
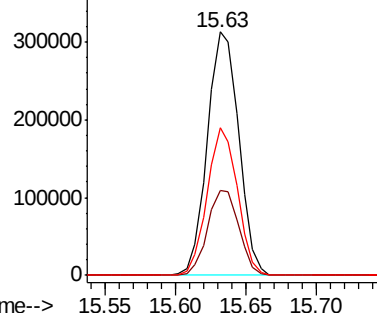


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 43.035 ng  
RT: 15.65 min Scan# 2139  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

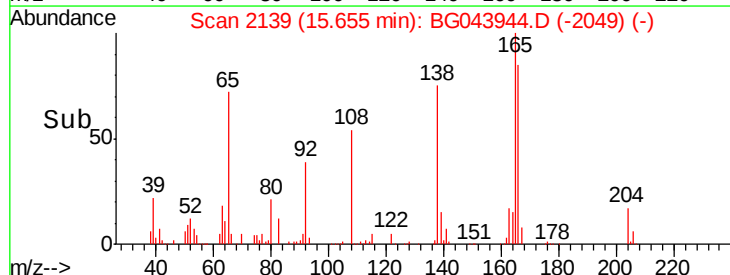
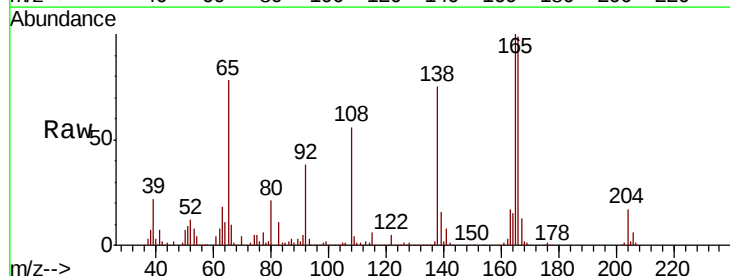
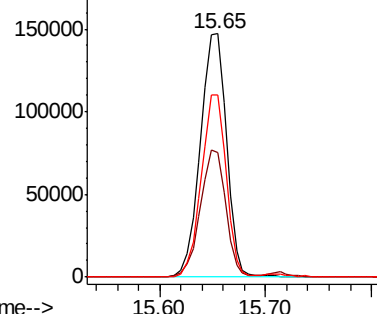
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.4  | 34.3  | 74.3  |
| 108     | 74.8  | 55.0  | 95.0  |

Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





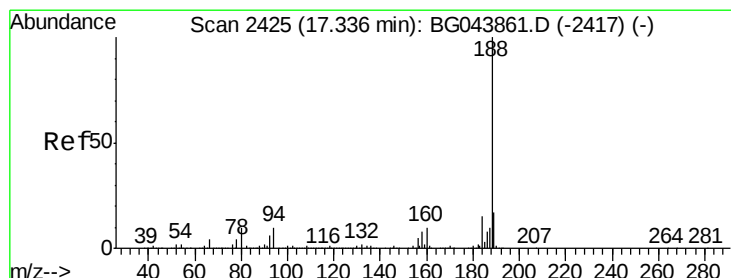
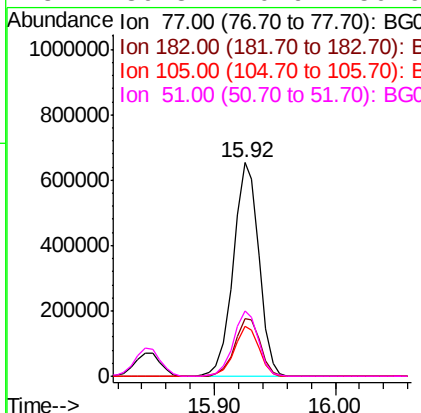
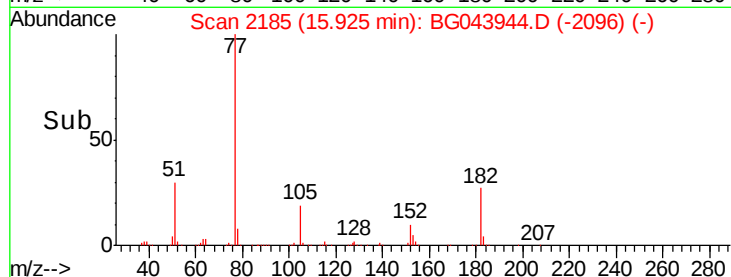
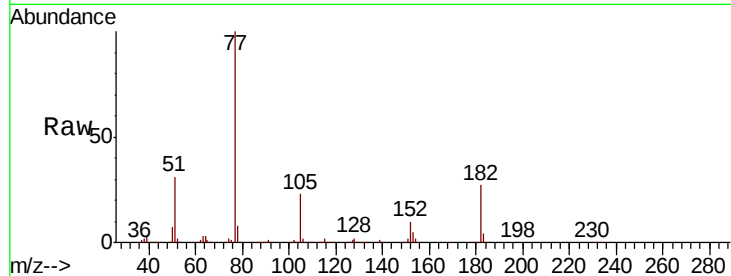
#63  
Azobenzene  
Concen: 44.698 ng  
RT: 15.92 min Scan# 2185  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.7  | 7.3   | 47.3  |
| 105     | 23.2  | 3.2   | 43.2  |
| 51      | 30.8  | 10.6  | 50.6  |

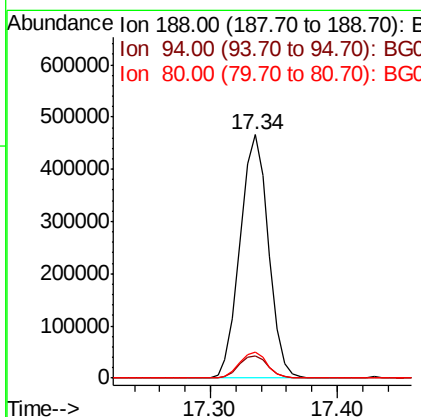
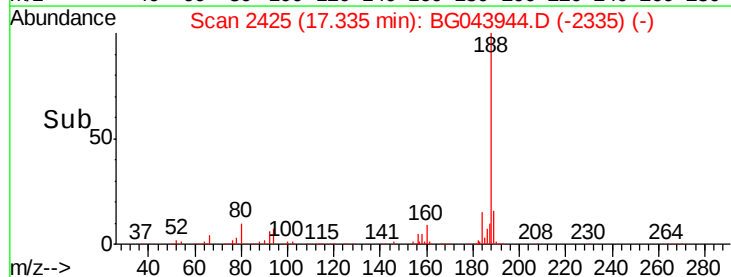
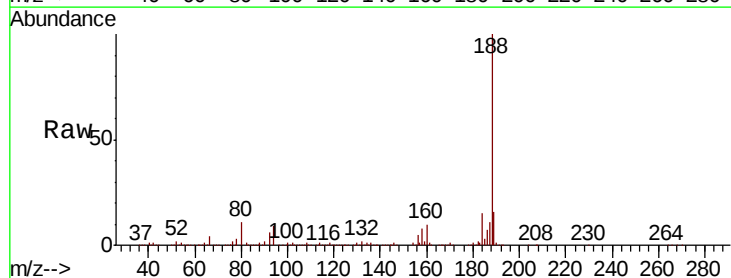
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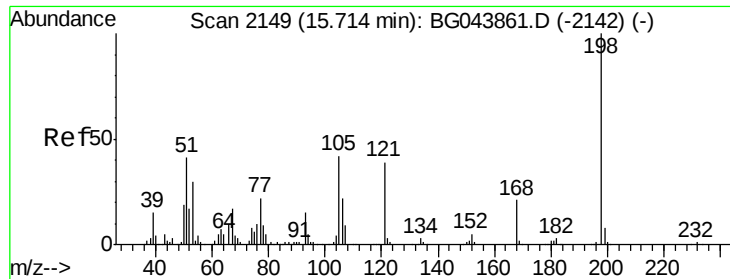
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.34 min Scan# 2425  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.2   | 7.9   | 11.9  |
| 80      | 10.5  | 8.2   | 12.4  |





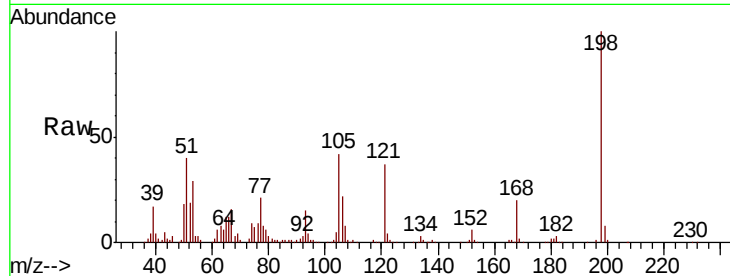
#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.118 ng  
RT: 15.71 min Scan# 2149  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 166906 |       |       |
| 51      | 40.2  |        | 22.5  | 62.5  |
| 105     | 41.8  |        | 22.3  | 62.3  |

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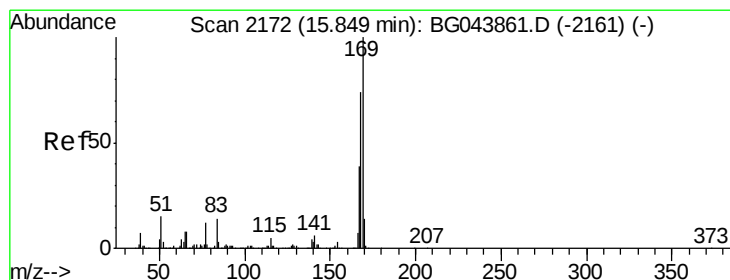
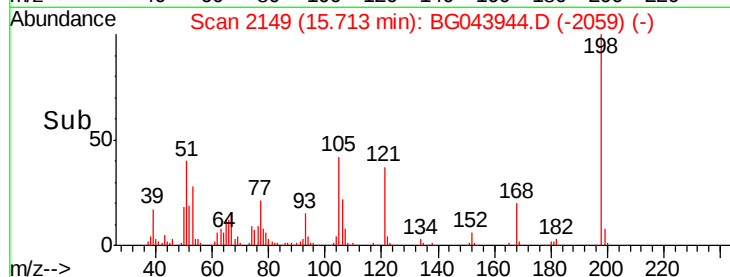
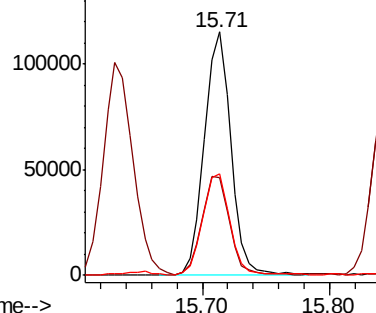


Abundance

Ion 198.00 (197.70 to 198.70): E

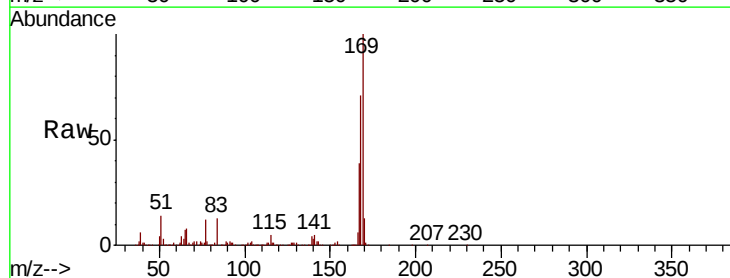
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 42.107 ng  
RT: 15.85 min Scan# 2172  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 896091 |       |       |
| 168     | 71.4  |        | 59.0  | 88.6  |
| 167     | 38.8  |        | 31.4  | 47.0  |

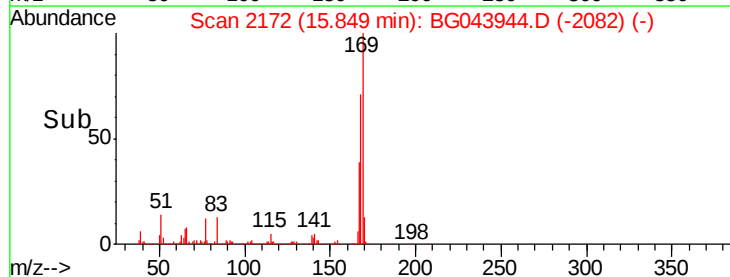
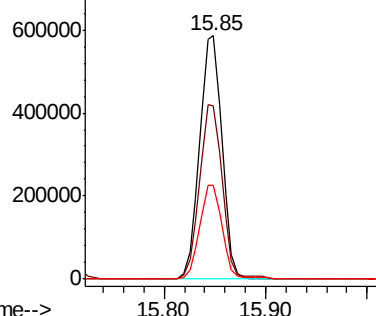


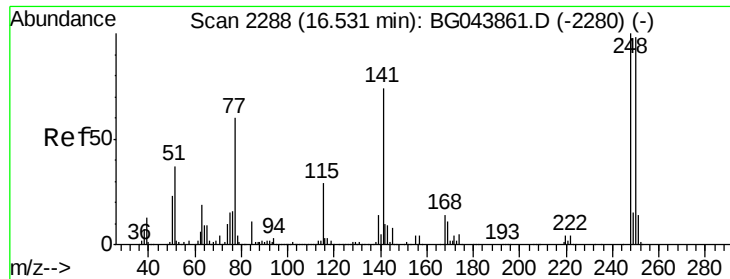
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





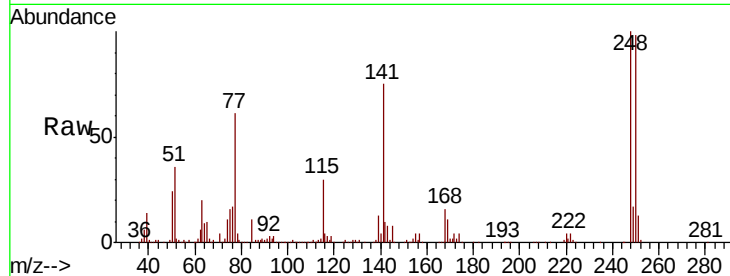
#67  
4-Bromophenyl-phenylether  
Concen: 38.983 ng  
RT: 16.52 min Scan# 2287  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

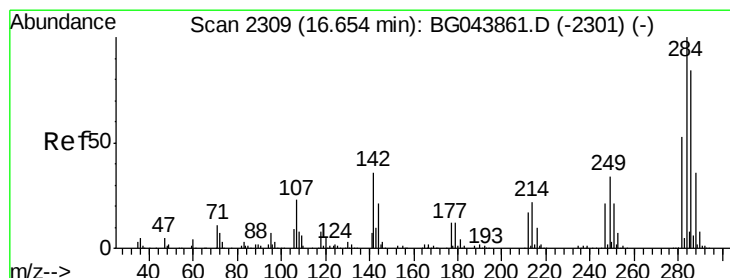
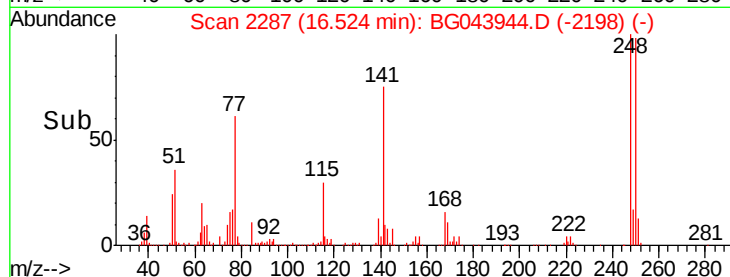
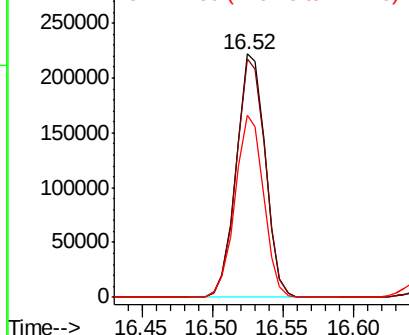
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.0  | 78.2  | 117.2 |
| 141     | 74.9  | 59.3  | 88.9  |

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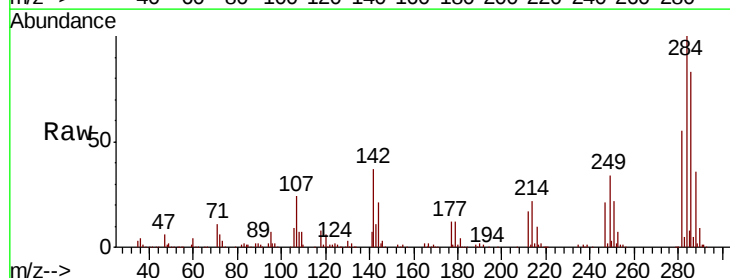


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

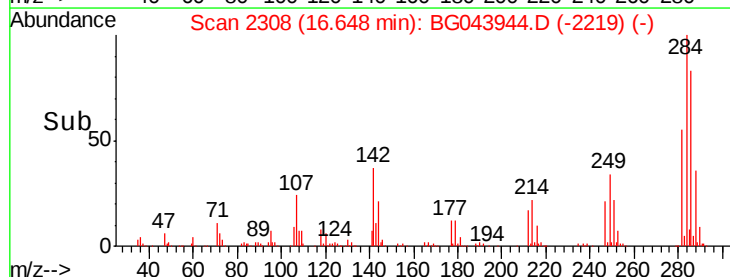
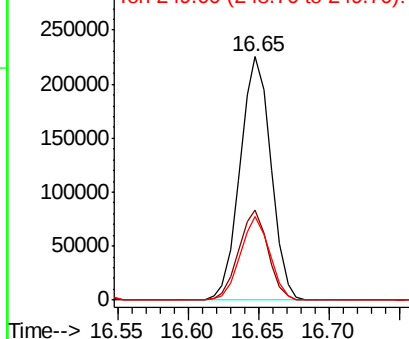


#68  
Hexachlorobenzene  
Concen: 39.259 ng  
RT: 16.65 min Scan# 2308  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.9  | 28.6  | 43.0  |
| 249     | 34.2  | 27.0  | 40.6  |



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





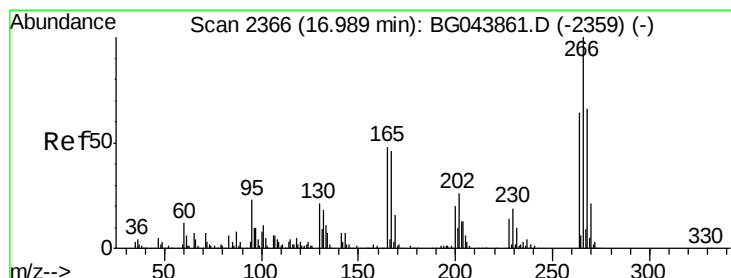
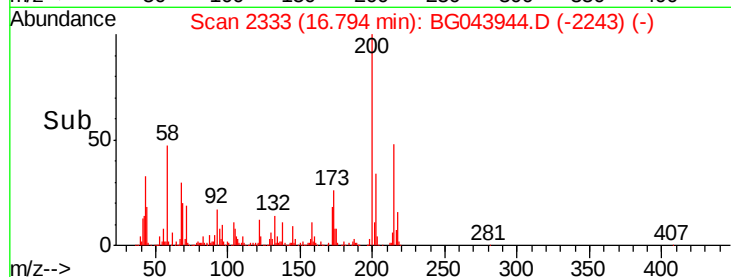
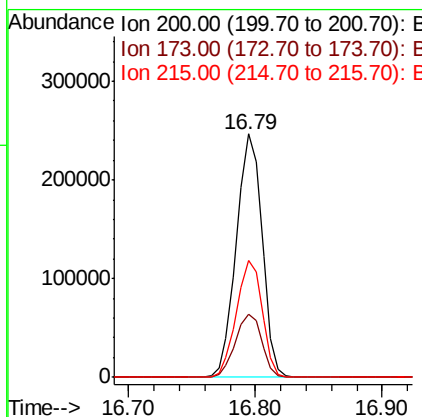
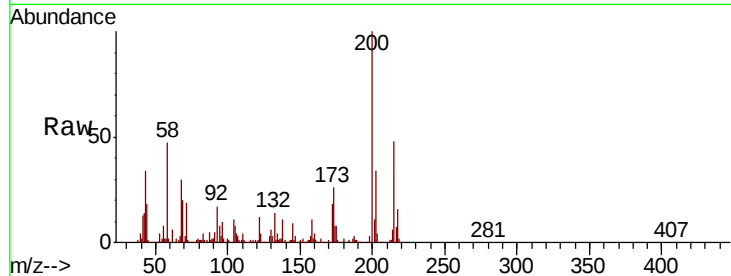
#69  
Atrazine  
Concen: 50.240 ng  
RT: 16.79 min Scan# 2333  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 26.1  | 6.6        | 46.6  |
| 215     | 48.0  | 28.6       | 68.6  |

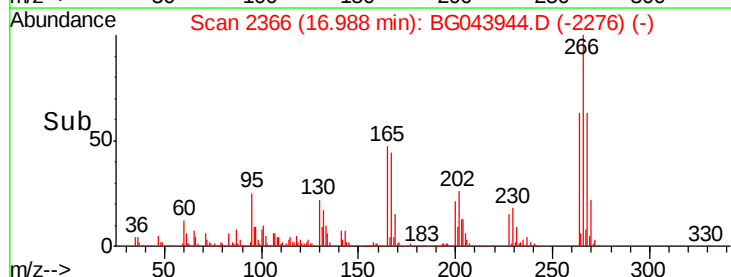
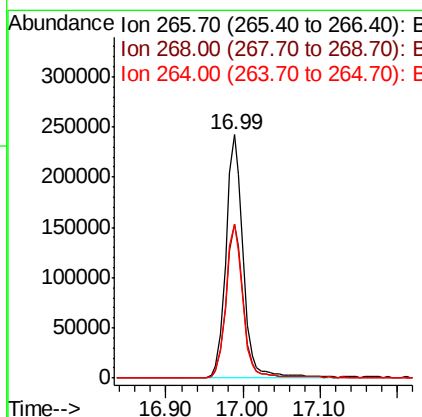
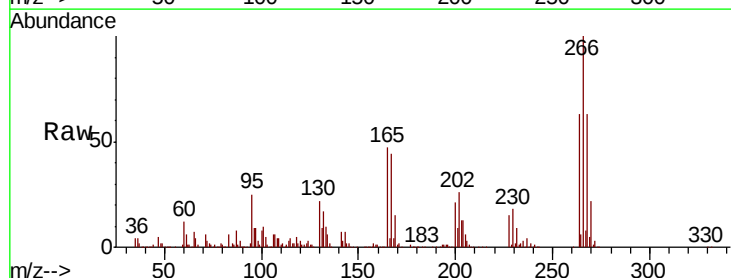
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#70  
Pentachlorophenol  
Concen: 78.570 ng  
RT: 16.99 min Scan# 2366  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.4  | 52.6       | 79.0  |
| 264     | 63.1  | 50.8       | 76.2  |





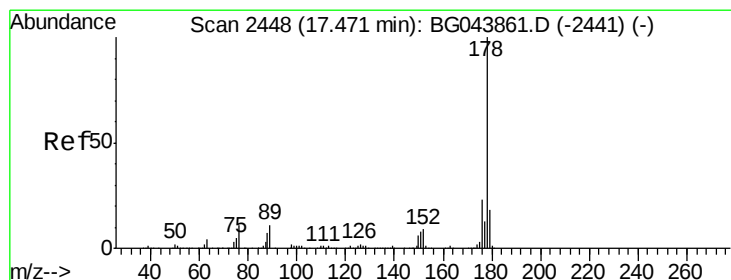
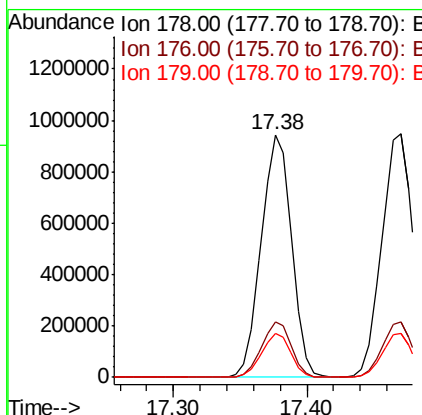
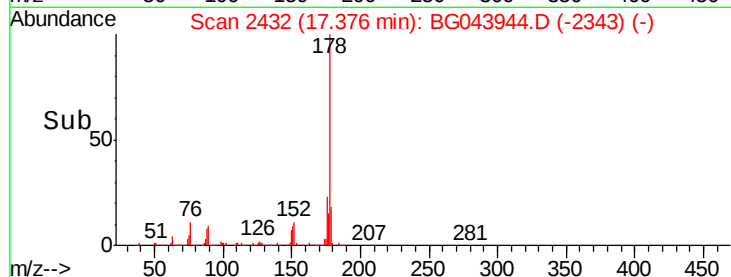
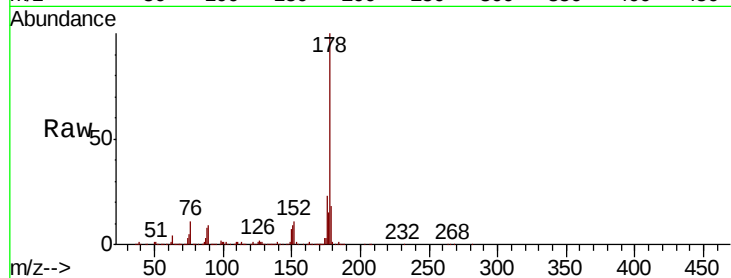
#71  
Phenanthrene  
Concen: 42.841 ng  
RT: 17.38 min Scan# 2432  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

Tot Ion:178 Resp: 1484971  
Ion Ratio Lower Upper  
178 100  
176 22.9 18.6 28.0  
179 18.0 14.4 21.6

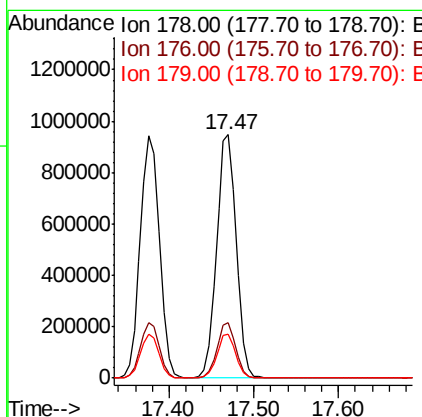
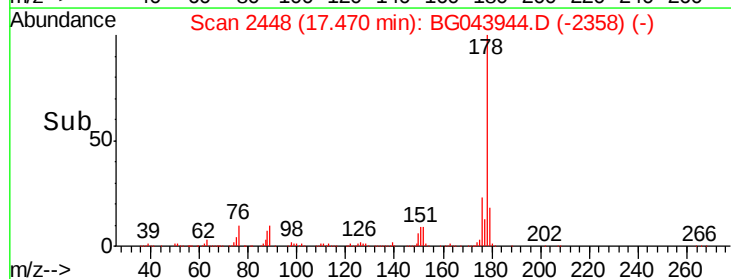
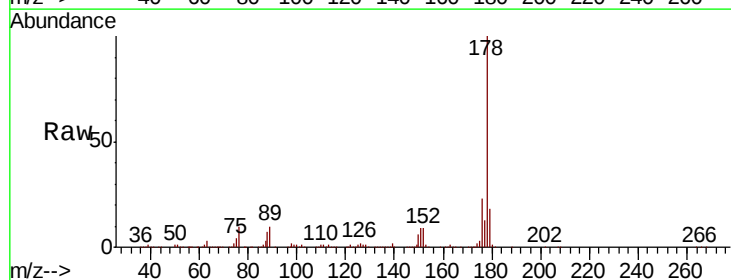
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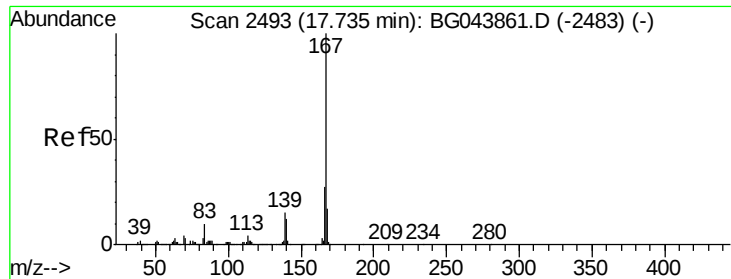
mohammad  
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#72  
Anthracene  
Concen: 45.110 ng  
RT: 17.47 min Scan# 2448  
Delta R.T. -0.00 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Tgt Ion:178 Resp: 1545274  
Ion Ratio Lower Upper  
178 100  
176 22.7 18.3 27.5  
179 18.0 14.6 22.0





#73

Carbazole

Concen: 44.266 ng

RT: 17.73 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-03-CG

Tot Ion:167 Resp: 1400700

Ion Ratio Lower Upper

167 100

166 26.9 21.6 32.4

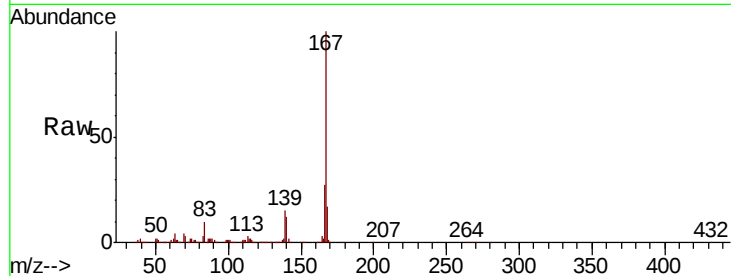
139 15.1 12.1 18.1

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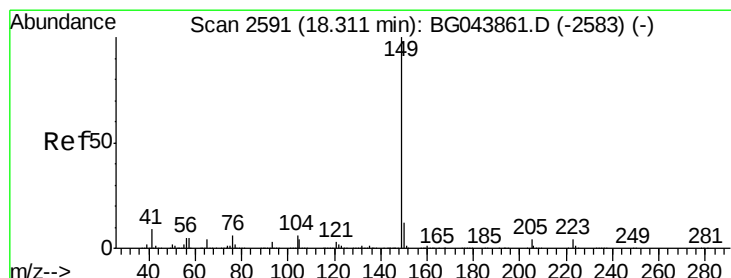
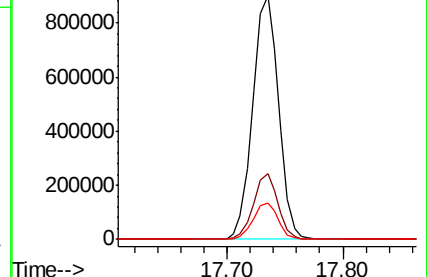
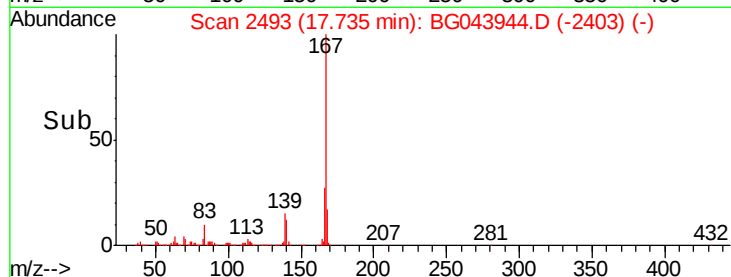
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.474 ng

RT: 18.30 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

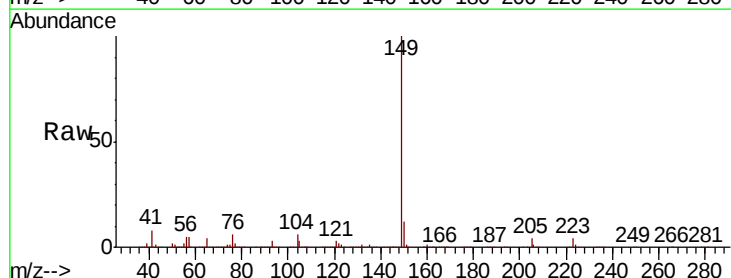
Tgt Ion:149 Resp: 1715952

Ion Ratio Lower Upper

149 100

150 11.7 9.7 14.5

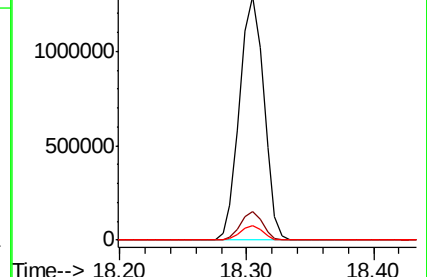
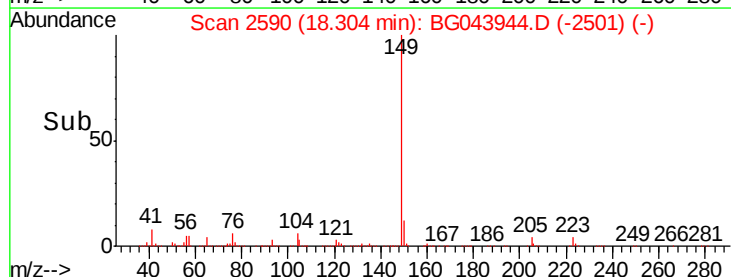
104 6.1 5.0 7.4

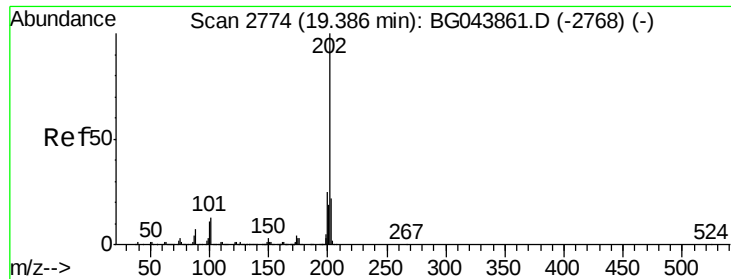


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





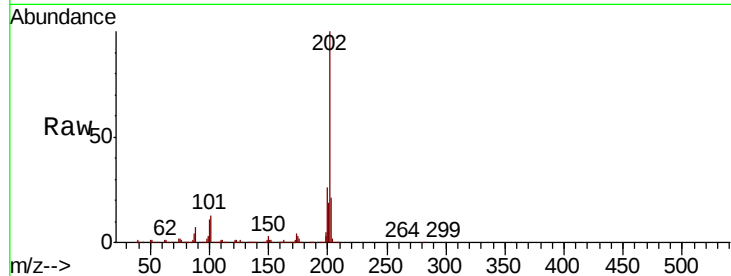
#75  
 Fluoranthene  
 Concen: 43.186 ng  
 RT: 19.39 min Scan# 2774  
 Delta R.T. -0.00 min  
 Lab File: BG043944.D  
 Acq: 6 Jan 2020 23:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.4  | 0.0   | 33.3  |
| 203     | 21.3  | 1.6   | 41.6  |

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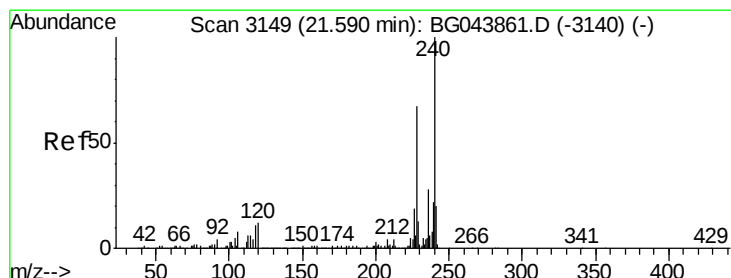
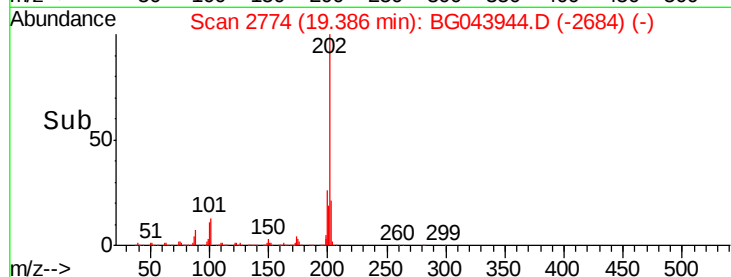
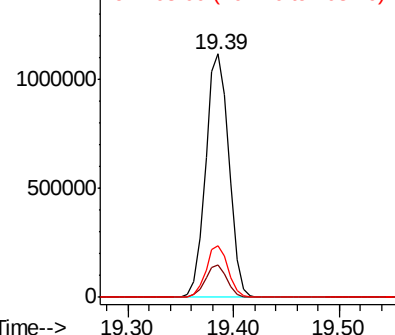


Abundance

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: 21.59 min Scan# 3149  
 Delta R.T. -0.00 min  
 Lab File: BG043944.D  
 Acq: 6 Jan 2020 23:28

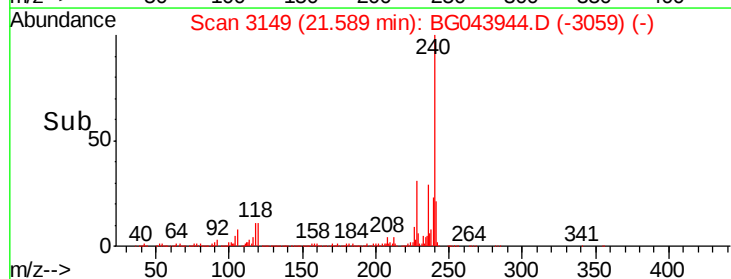
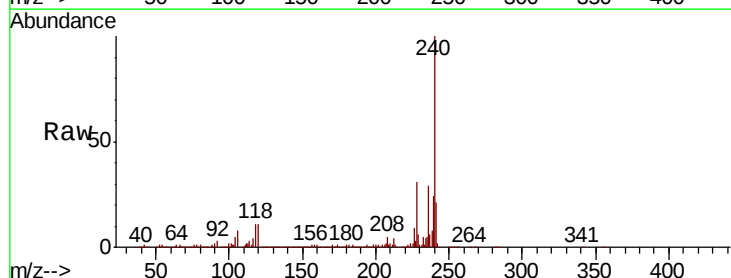
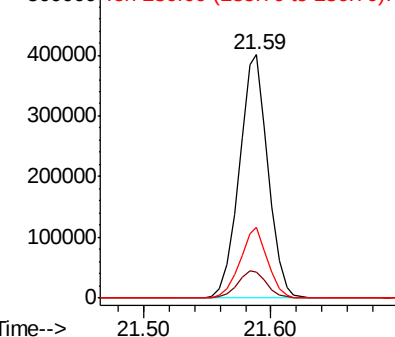
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.7  | 9.6   | 14.4  |
| 236     | 28.9  | 22.2  | 33.2  |

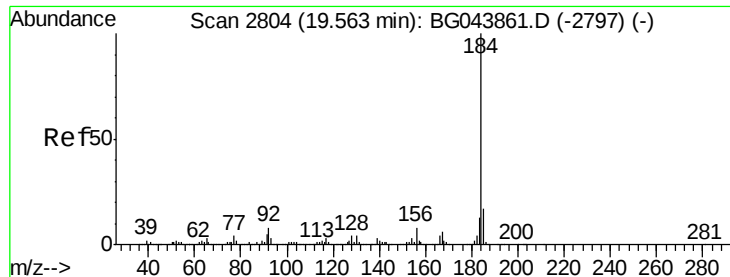
Abundance

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: 53.388 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-03-CG

Tot Ion:184 Resp: 844795

Ion Ratio Lower Upper

184 100

185 16.4 13.4 20.0

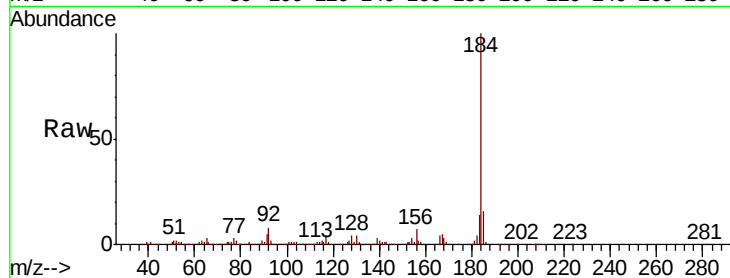
183 14.0 10.6 15.8

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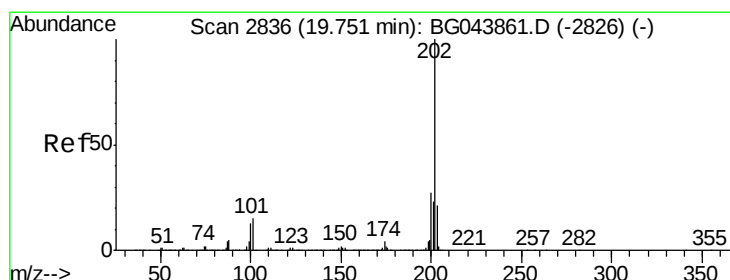
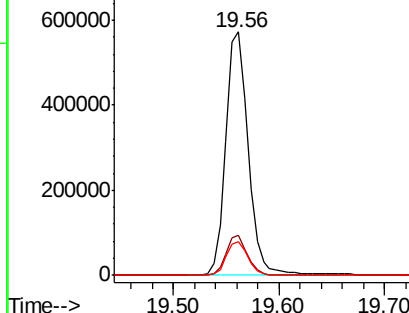
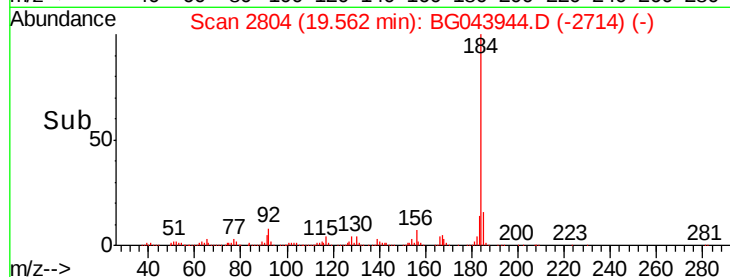
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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.921 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

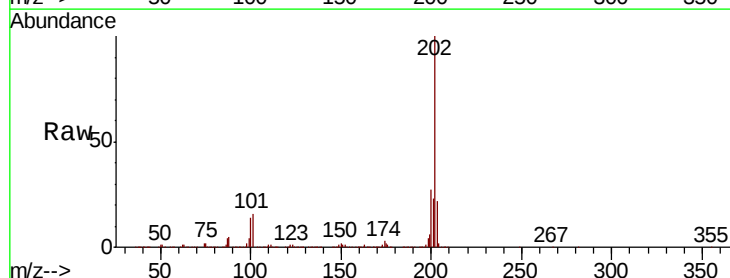
Tgt Ion:202 Resp: 1722628

Ion Ratio Lower Upper

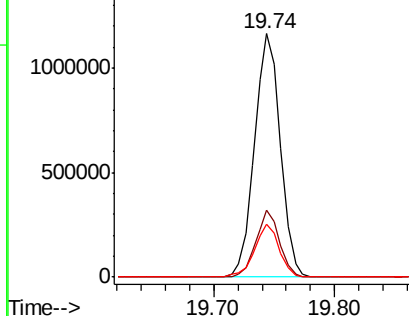
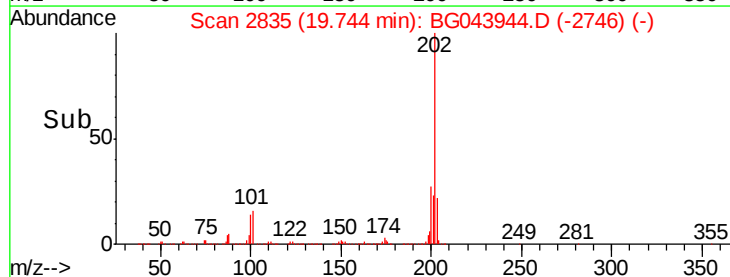
202 100

200 27.3 21.7 32.5

203 21.8 17.0 25.6



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





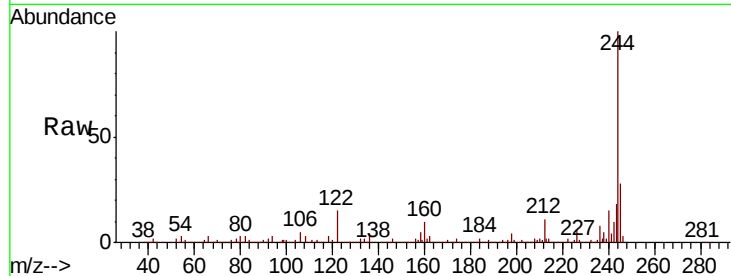
#79  
 Terphenyl-d14  
 Concen: 82.813 ng  
 RT: 19.95 min Scan# 2870  
 Delta R.T. -0.01 min  
 Lab File: BG043944.D  
 Acq: 6 Jan 2020 23:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-W-03-CG

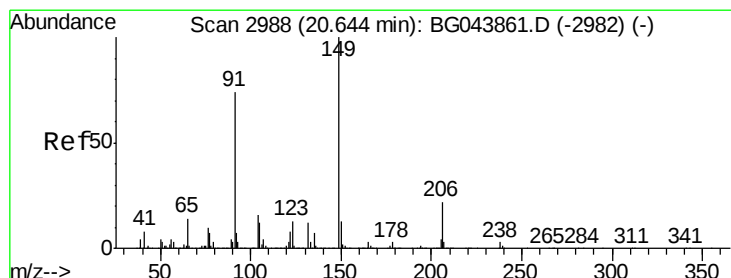
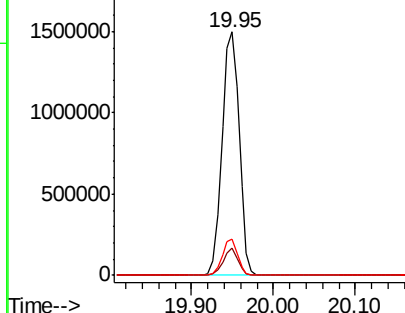
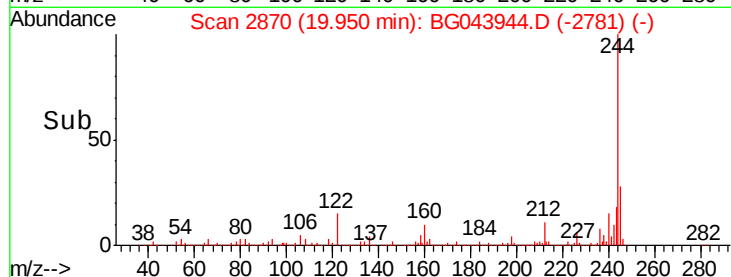
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 11.0  | 8.6   | 13.0  |
| 122     | 14.7  | 11.9  | 17.9  |

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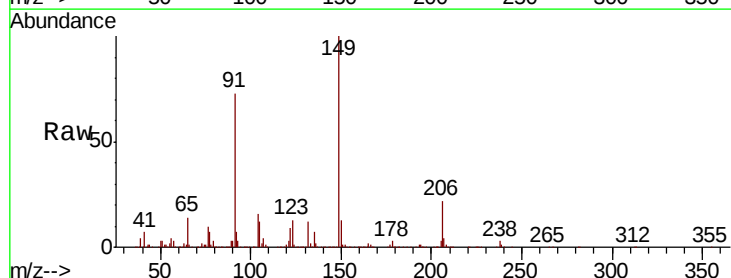


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

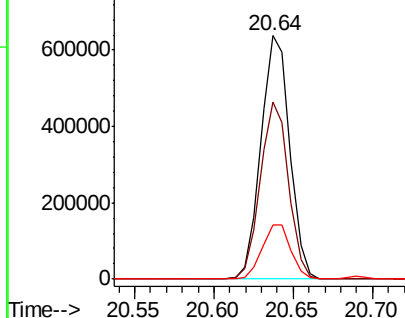
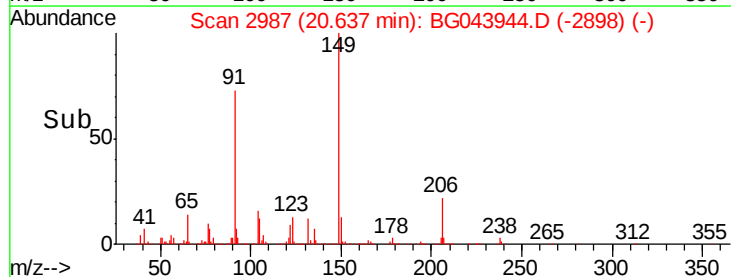


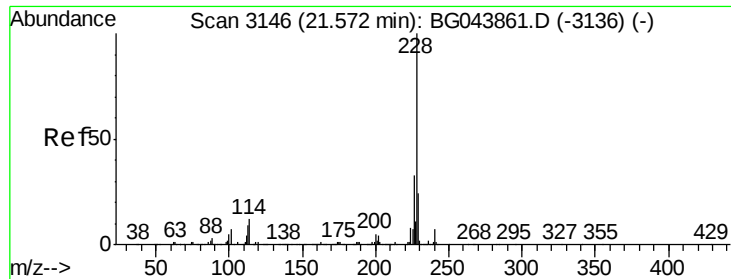
#80  
 Butylbenzylphthalate  
 Concen: 41.394 ng  
 RT: 20.64 min Scan# 2987  
 Delta R.T. -0.01 min  
 Lab File: BG043944.D  
 Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.9  | 59.5  | 89.3  |
| 206     | 22.1  | 17.8  | 26.6  |



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





#81

Benzo(a)anthracene

Concen: 42.675 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

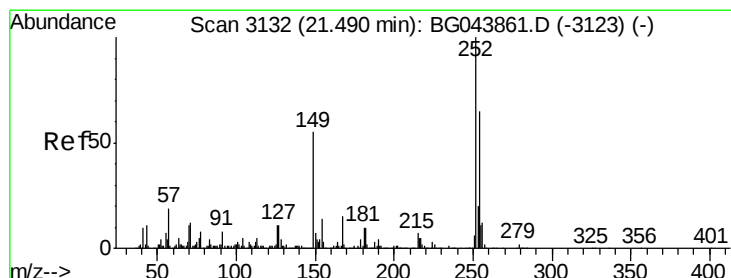
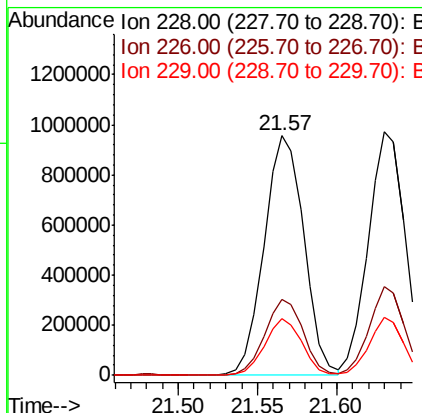
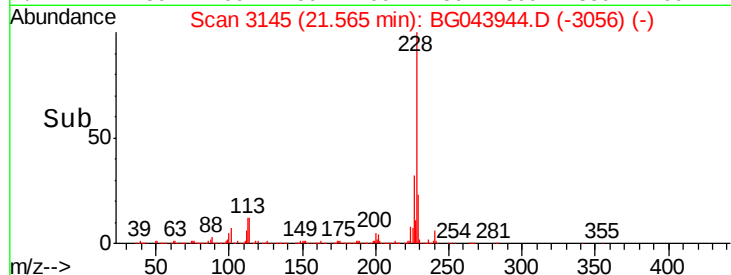
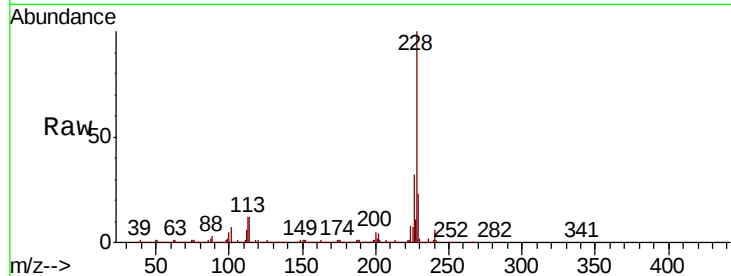
ClientSampleId :

IDOC-W-03-CG

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1665862 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 32.0  | 26.2  | 39.4    |
| 229      | 23.5  | 18.9  | 28.3    |

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#82

3,3'-Dichlorobenzidine

Concen: 33.528 ng

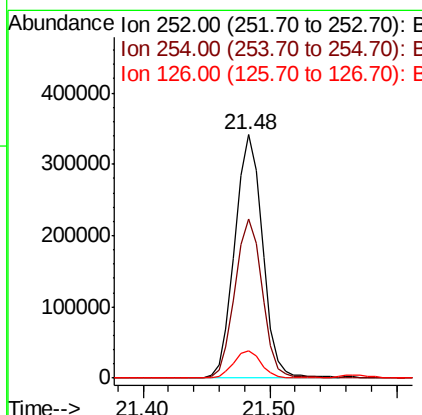
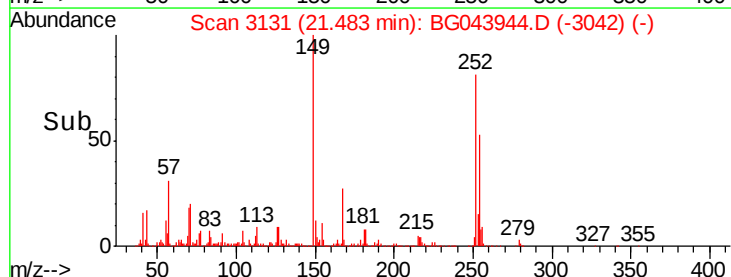
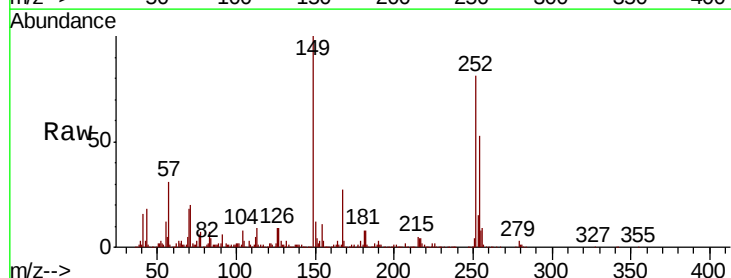
RT: 21.48 min Scan# 3131

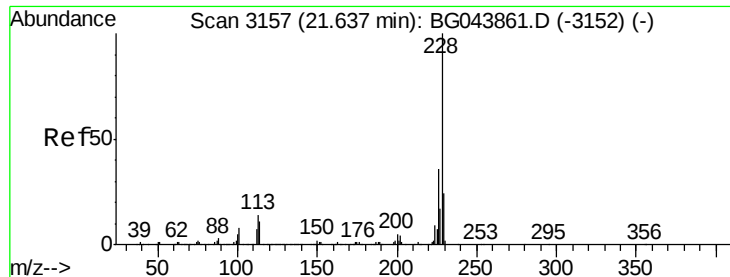
Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 517077 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 65.5  | 52.1  | 78.1   |
| 126      | 11.1  | 9.1   | 13.7   |





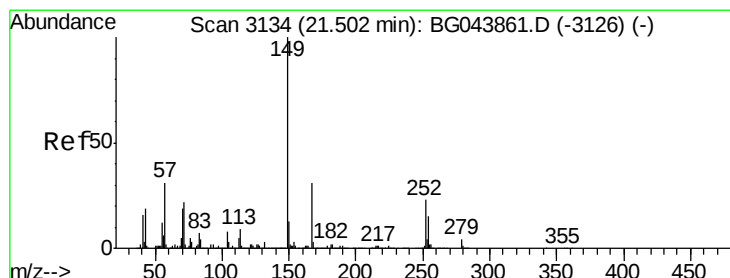
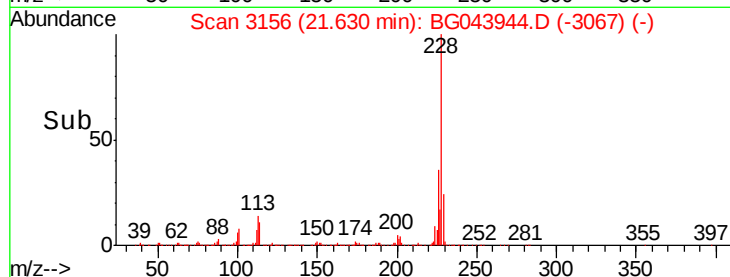
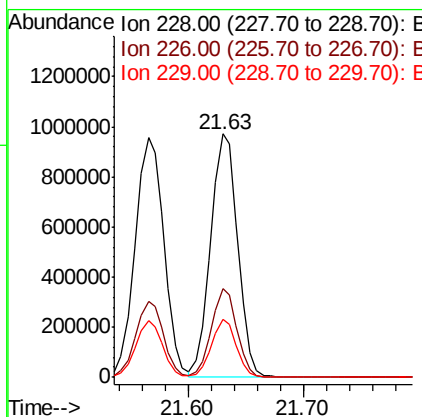
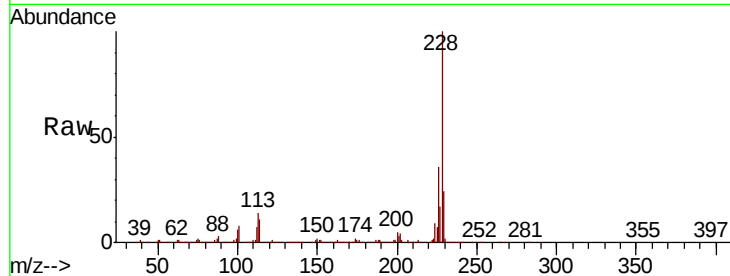
#83  
Chrysene  
Concen: 42.452 ng  
RT: 21.63 min Scan# 3156  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 36.2  | 28.8  | 43.2  |
| 229     | 23.6  | 19.0  | 28.6  |

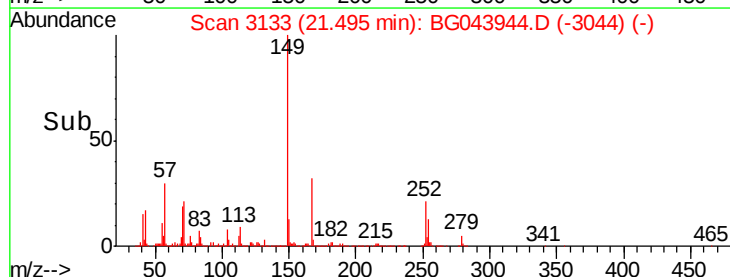
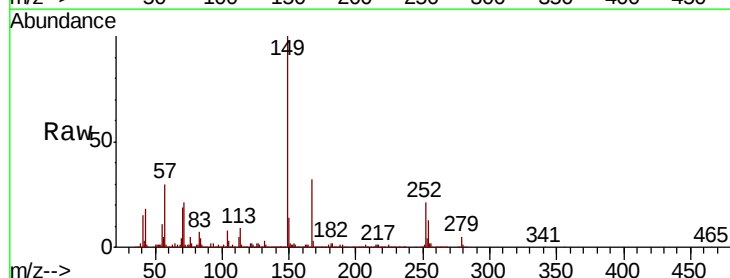
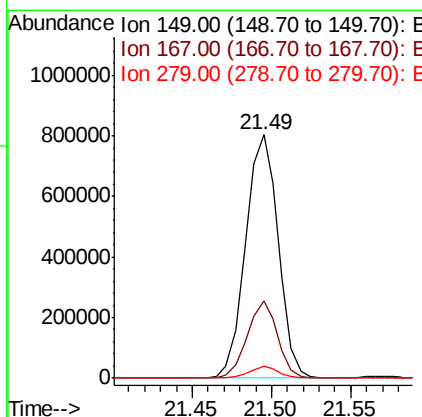
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.380 ng  
RT: 21.49 min Scan# 3133  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 31.6  | 24.7  | 37.1  |
| 279     | 4.7   | 3.3   | 4.9   |





#85

Di-n-octyl phthalate

Concen: 43.340 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

ClientSampleId :

IDOC-W-03-CG

Tot Ion:149 Resp: 1966818

Ion Ratio Lower Upper

149 100

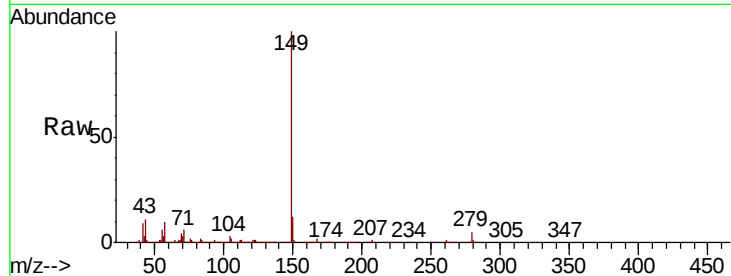
167 1.8 1.4 2.0

43 10.4 8.8 13.2

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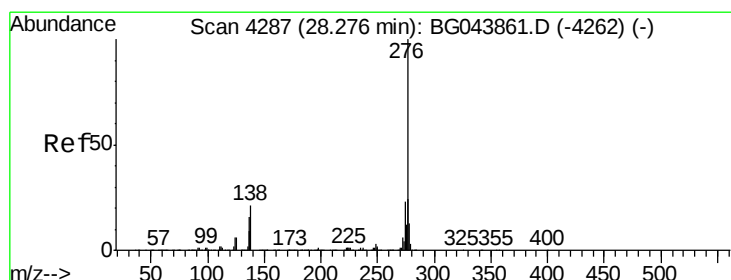
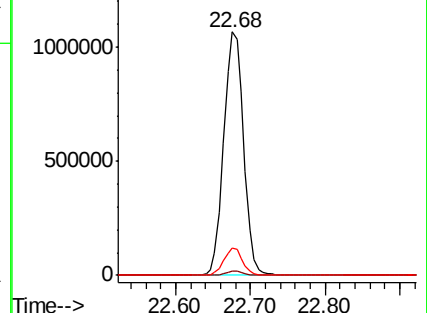
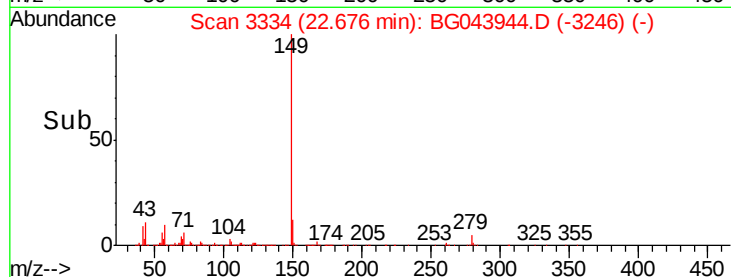
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.848 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.02 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

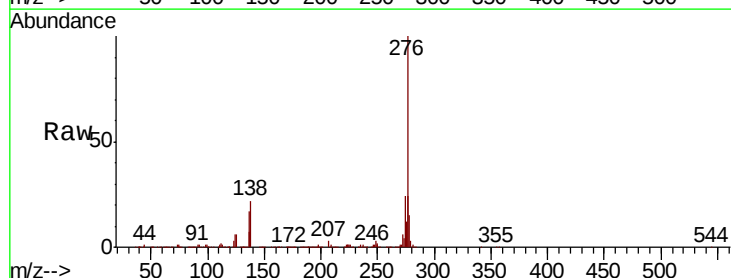
Tgt Ion:276 Resp: 2008617

Ion Ratio Lower Upper

276 100

138 14.9 21.0 31.4#

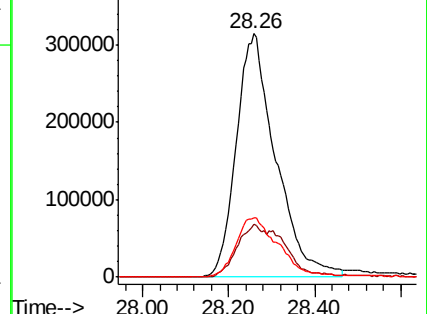
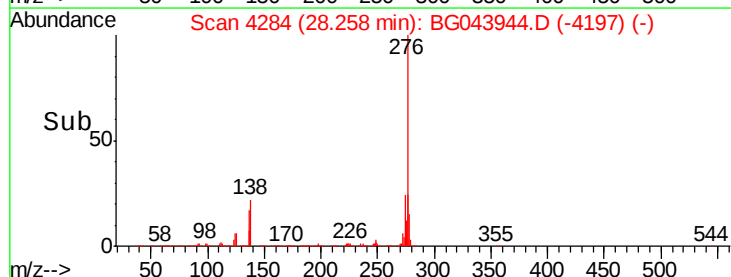
277 26.4 21.1 31.7

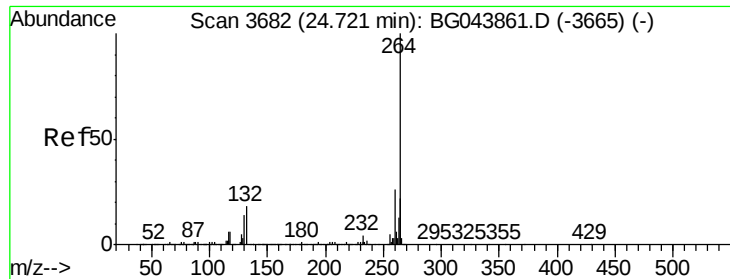


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

Instrument :

BNA\_G

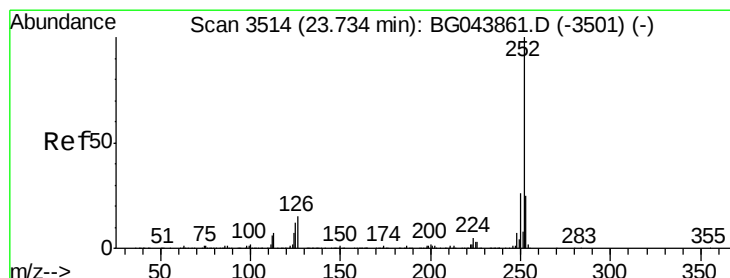
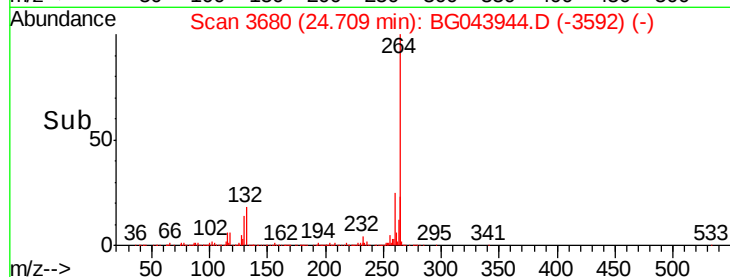
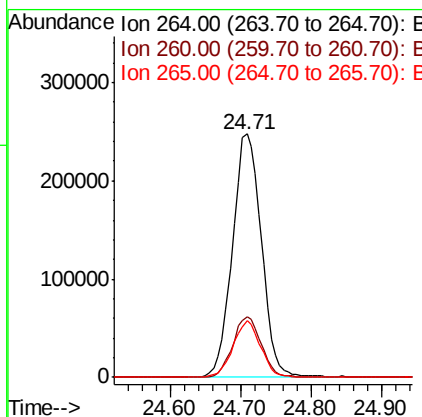
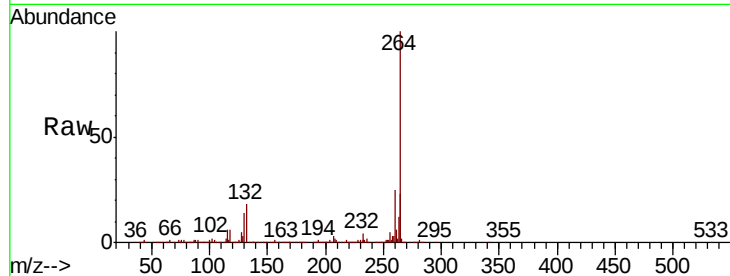
ClientSampleId :

IDOC-W-03-CG

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 705741 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 25.0  | 20.4  | 30.6   |
| 265       | 23.2  | 17.4  | 26.2   |

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#88

Benzo(b)fluoranthene

Concen: 42.590 ng

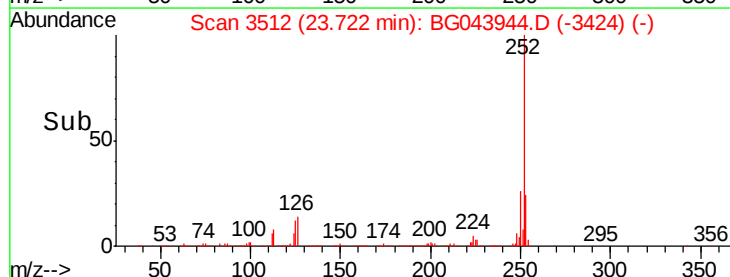
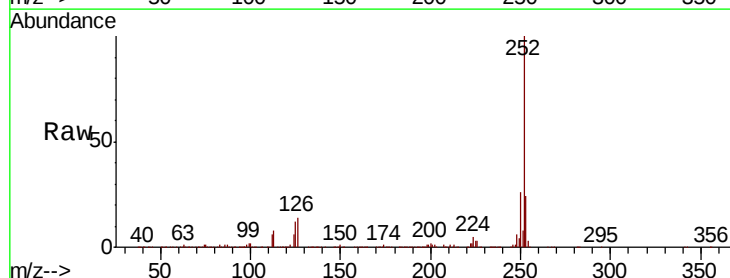
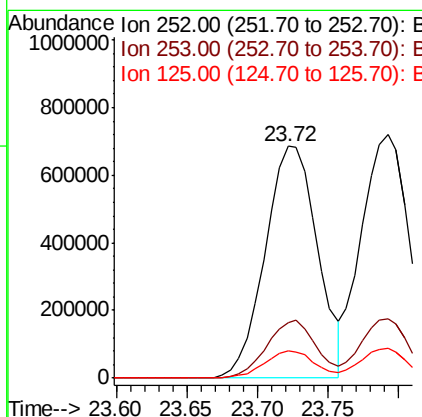
RT: 23.72 min Scan# 3512

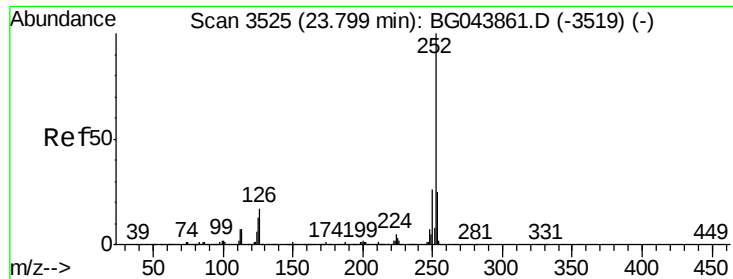
Delta R.T. -0.01 min

Lab File: BG043944.D

Acq: 6 Jan 2020 23:28

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1776943 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 23.8  | 19.7  | 29.5    |
| 125       | 11.6  | 9.4   | 14.2    |





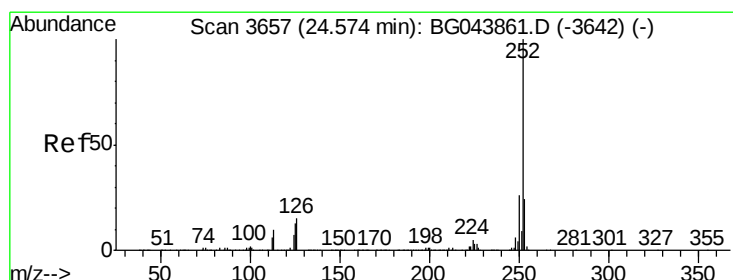
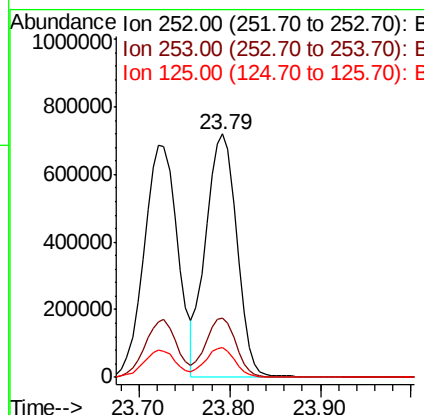
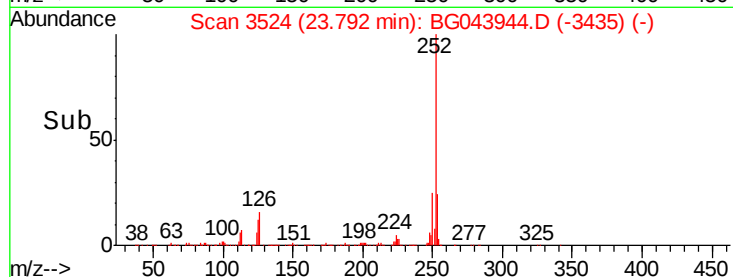
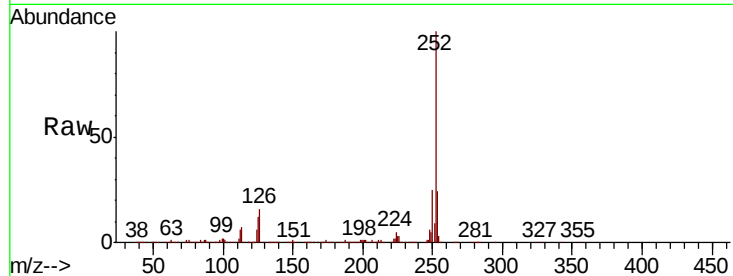
#89  
Benzo(k)fluoranthene  
Concen: 43.163 ng  
RT: 23.79 min Scan# 3524  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.3  | 19.4  | 29.2  |
| 125     | 12.0  | 9.9   | 14.9  |

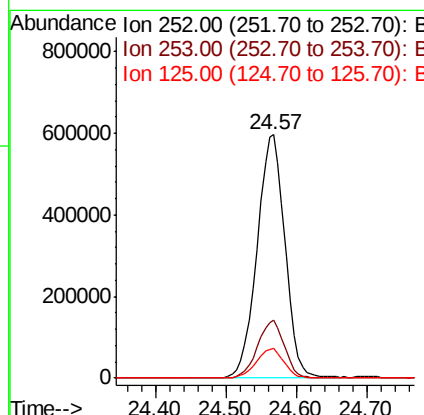
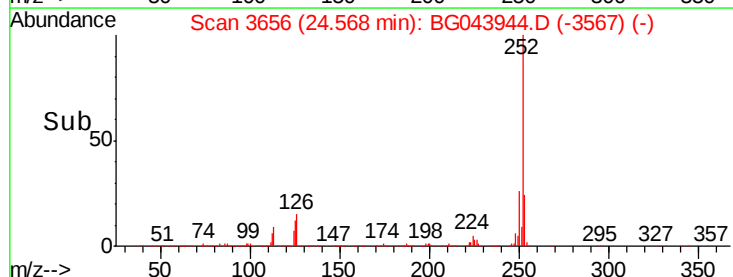
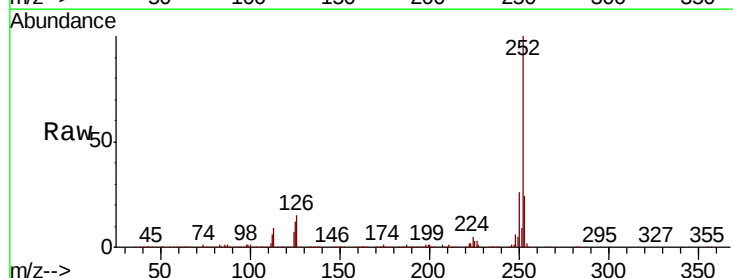
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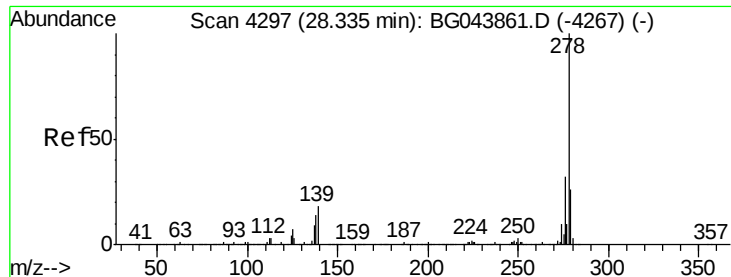
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#90  
Benzo(a)pyrene  
Concen: 41.810 ng  
RT: 24.57 min Scan# 3656  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.7  | 19.3  | 28.9  |
| 125     | 12.4  | 10.4  | 15.6  |





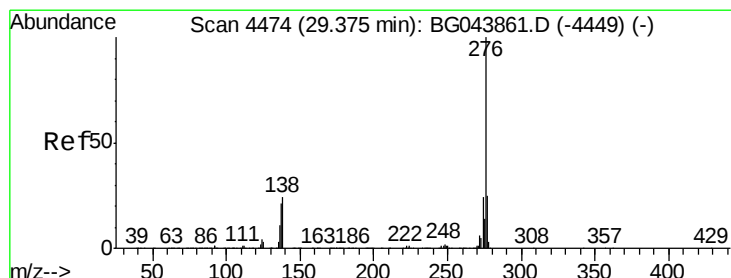
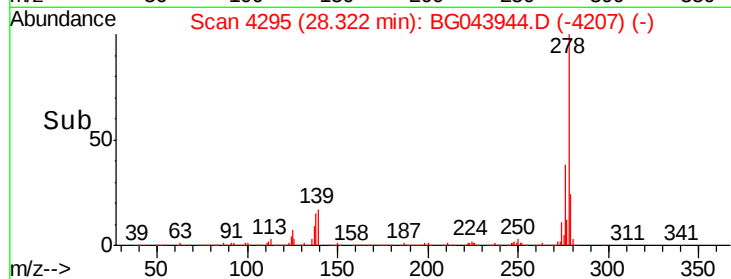
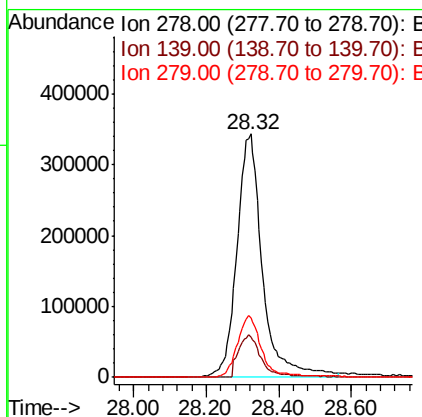
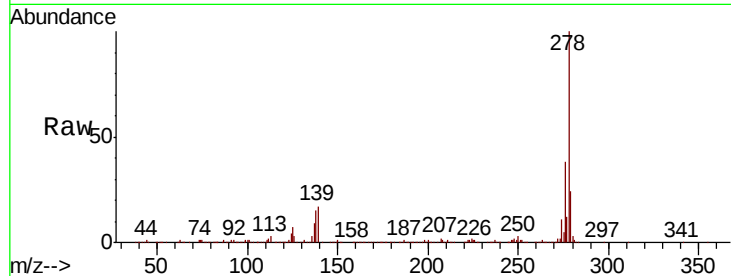
#91  
Dibenzo(a,h)anthracene  
Concen: 42.541 ng  
RT: 28.32 min Scan# 4295  
Delta R.T. -0.01 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-W-03-CG

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.7  | 14.2  | 21.4  |
| 279     | 24.2  | 20.6  | 30.8  |

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#92  
Benzo(g,h,i)perylene  
Concen: 42.387 ng  
RT: 29.36 min Scan# 4471  
Delta R.T. -0.02 min  
Lab File: BG043944.D  
Acq: 6 Jan 2020 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.6  | 20.2  | 30.4  |
| 138     | 21.6  | 19.0  | 28.6  |

