

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\  
 Data File : BG022415.D  
 Acq On : 18 Jun 2016 9:19  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

sohil  
 6/20/2016 6:52:57 PM

Quant Time: Jun 20 11:50:49 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 13 17:40:23 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 43218    | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 10.86 | 136  | 219078   | 20.00 | ng    | -0.04    |
| 38) Acenaphthene-d10      | 14.68 | 164  | 123642   | 20.00 | ng    | -0.04    |
| 63) Phenanthrene-d10      | 17.43 | 188  | 244613   | 20.00 | ng    | -0.04    |
| 75) Chrysene-d12          | 21.70 | 240  | 213831   | 20.00 | ng    | -0.04    |
| 86) Perylene-d12          | 24.94 | 264  | 192200   | 20.00 | ng    | -0.08    |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 197118 | 88.19 | ng | -0.03 |
| 7) Phenol-d6             | 7.23  | 99  | 299396 | 85.19 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 287517 | 91.50 | ng | -0.04 |
| 41) 2,4,6-Tribromophenol | 16.18 | 330 | 88416  | 63.29 | ng | -0.04 |
| 44) 2-Fluorobiphenyl     | 13.31 | 172 | 690096 | 85.06 | ng | -0.04 |
| 78) Terphenyl-d14        | 20.02 | 244 | 738722 | 82.02 | ng | -0.04 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.41  | 88  | 43564  | 40.65 | ng | # 79   |
| 3) Pyridine                    | 3.82  | 79  | 122980 | 42.46 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.75  | 42  | 33091  | 51.10 | ng | # 90   |
| 6) Aniline                     | 7.37  | 93  | 192380 | 43.09 | ng | # 84   |
| 8) 2-Chlorophenol              | 7.61  | 128 | 124786 | 40.39 | ng | 83     |
| 9) Benzaldehyde                | 7.18  | 77  | 80114  | 41.41 | ng | 81     |
| 10) Phenol                     | 7.26  | 94  | 153588 | 42.39 | ng | 85     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 129219 | 44.73 | ng | # 75   |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146 | 131743 | 39.78 | ng | # 89   |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 132400 | 40.13 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146 | 131006 | 39.39 | ng | 97     |
| 15) Benzyl Alcohol             | 8.30  | 79  | 98952  | 43.58 | ng | # 88   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 144383 | 48.17 | ng | 85     |
| 17) 2-Methylphenol             | 8.51  | 107 | 114248 | 42.25 | ng | # 87   |
| 18) Hexachloroethane           | 9.12  | 117 | 51237  | 42.53 | ng | # 85   |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 104742 | 44.03 | ng | # 71   |
| 20) 3+4-Methylphenols          | 8.85  | 107 | 156147 | 40.26 | ng | 95     |
| 22) Acetophenone               | 8.88  | 105 | 204167 | 43.25 | ng | # 83   |
| 24) Nitrobenzene               | 9.27  | 77  | 142061 | 44.96 | ng | # 88   |
| 25) Isophorone                 | 9.78  | 82  | 300777 | 40.91 | ng | 96     |
| 26) 2-Nitrophenol              | 9.98  | 139 | 75456  | 44.04 | ng | # 80   |
| 27) 2,4-Dimethylphenol         | 10.05 | 122 | 131417 | 42.37 | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 181981 | 43.21 | ng | 95     |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 119659 | 41.65 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180 | 128876 | 40.14 | ng | 95     |
| 31) Naphthalene                | 10.92 | 128 | 438714 | 40.12 | ng | # 95   |
| 32) Benzoic acid               | 10.24 | 122 | 57946  | 52.14 | ng | # 87   |
| 33) 4-Chloroaniline            | 11.03 | 127 | 180034 | 39.59 | ng | # 92   |
| 34) Hexachlorobutadiene        | 11.19 | 225 | 67832  | 39.36 | ng | 95     |
| 35) Caprolactam                | 11.83 | 113 | 48132  | 30.54 | ng | # 54   |
| 36) 4-Chloro-3-methylphenol    | 12.17 | 107 | 138269 | 40.60 | ng | 88     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 315268 | 39.05 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 133456 | 41.93 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.86 | 237 | 69253  | 45.08 | ng | 96     |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

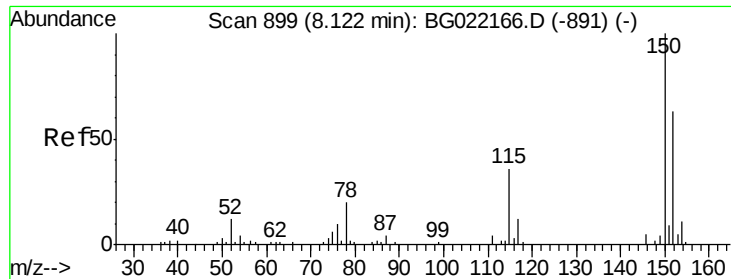
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 6/20/2016 6:52:57 PM

Quant Time: Jun 20 11:50:49 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.13 | 196  | 87397    | 40.93 | nq    | 92       |
| 43) 2,4,5-Trichlorophenol      | 13.22 | 196  | 91261    | 38.69 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.52 | 154  | 404584   | 43.48 | nq    | 95       |
| 46) 2-Chloronaphthalene        | 13.57 | 162  | 307144   | 43.06 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.78 | 65   | 76880    | 45.20 | nq    | # 58     |
| 48) Acenaphthylene             | 14.41 | 152  | 502450   | 40.15 | nq    | 97       |
| 49) Dimethylphthalate          | 14.14 | 163  | 376902   | 36.77 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.27 | 165  | 85999    | 38.59 | nq    | # 81     |
| 51) Acenaphthene               | 14.75 | 154  | 298715   | 39.84 | nq    | 95       |
| 52) 3-Nitroaniline             | 14.61 | 138  | 86363    | 34.94 | nq    | 89       |
| 53) 2,4-Dinitrophenol          | 14.82 | 184  | 44463    | 53.11 | nq    | # 83     |
| 54) Dibenzofuran               | 15.08 | 168  | 453791   | 38.78 | nq    | 100      |
| 55) 4-Nitrophenol              | 14.96 | 139  | 72701    | 42.62 | nq    | # 78     |
| 56) 2,4-Dinitrotoluene         | 15.06 | 165  | 114102   | 38.17 | nq    | # 88     |
| 57) Fluorene                   | 15.73 | 166  | 381144   | 37.81 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 73248    | 34.62 | nq    | 93       |
| 59) Diethylphthalate           | 15.49 | 149  | 388680   | 35.49 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204  | 173252   | 37.95 | nq    | 96       |
| 61) 4-Nitroaniline             | 15.78 | 138  | 81508m   | 31.09 | nq    |          |
| 62) Azobenzene                 | 16.01 | 77   | 345917   | 41.71 | nq    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 50989    | 41.90 | nq    | 82       |
| 65) n-Nitrosodiphenylamine     | 15.93 | 169  | 310435   | 44.05 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.61 | 248  | 96303    | 42.02 | nq    | 97       |
| 67) Hexachlorobenzene          | 16.73 | 284  | 102778   | 38.47 | nq    | 97       |
| 68) Atrazine                   | 16.88 | 200  | 94678    | 36.30 | nq    | 97       |
| 69) Pentachlorophenol          | 17.09 | 266  | 46493    | 41.91 | nq    | 97       |
| 70) Phenanthrene               | 17.47 | 178  | 529627   | 39.86 | nq    | 98       |
| 71) Anthracene                 | 17.56 | 178  | 532862   | 40.44 | nq    | 96       |
| 72) Carbazole                  | 17.84 | 167  | 465744   | 37.32 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.37 | 149  | 633710   | 38.84 | nq    | 98       |
| 74) Fluoranthene               | 19.48 | 202  | 560553   | 36.70 | nq    | 95       |
| 76) Benzidine                  | 19.66 | 184  | 217351   | 38.87 | nq    | 97       |
| 77) Pyrene                     | 19.84 | 202  | 558704   | 42.03 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.70 | 149  | 290820   | 47.17 | nq    | 93       |
| 80) Benzo(a)anthracene         | 21.67 | 228  | 490526   | 40.91 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 136899   | 40.67 | nq    | # 96     |
| 82) Chrysene                   | 21.74 | 228  | 470962   | 40.36 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 421613   | 46.50 | nq    | 96       |
| 84) Di-n-octyl phthalate       | 22.76 | 149  | 697673   | 46.35 | nq    | # 87     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.66 | 276  | 512496   | 39.15 | nq    | # 84     |
| 87) Benzo(b)fluoranthene       | 23.90 | 252  | 476274   | 42.49 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 23.97 | 252  | 462503   | 41.91 | nq    | # 96     |
| 89) Benzo(a)pyrene             | 24.79 | 252  | 453763   | 42.34 | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 28.70 | 278  | 412576   | 40.87 | nq    | # 94     |
| 91) Benzo(g,h,i)perylene       | 29.83 | 276  | 422094   | 40.19 | nq    | # 91     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.05 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

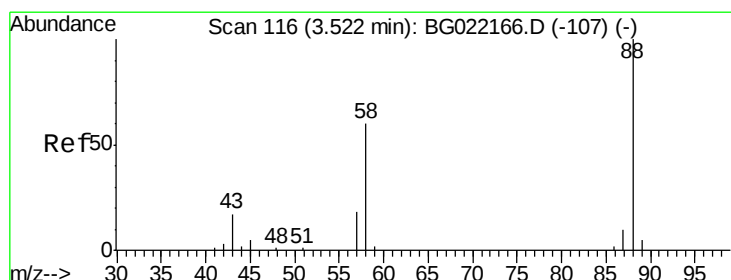
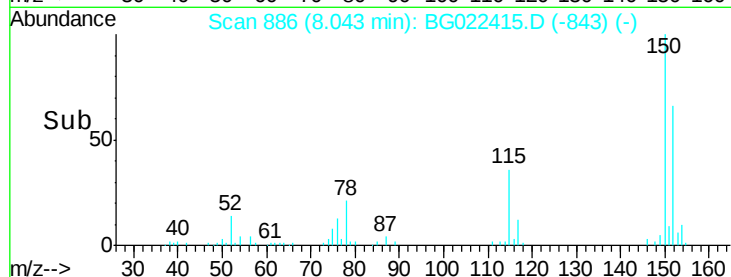
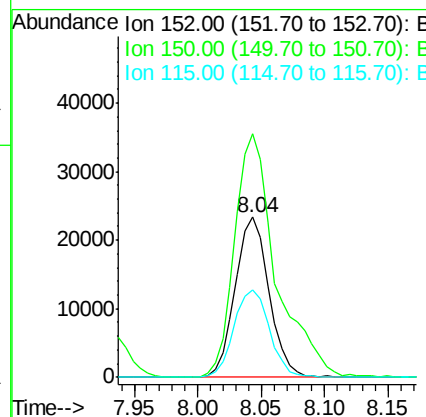
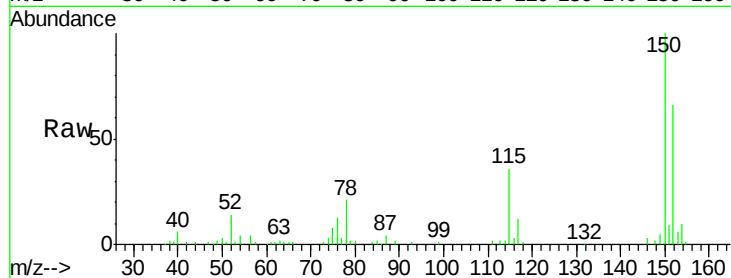
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 152   | Resp: | 43218 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 151.9 | 130.1 | 195.1 |
| 115       | 54.4  | 62.2  | 93.2# |

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#2

1,4-Dioxane

Concen: 40.65 ng

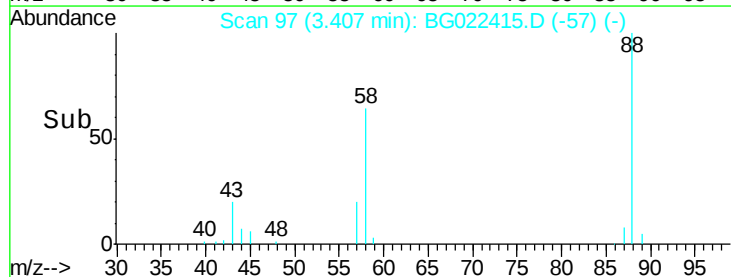
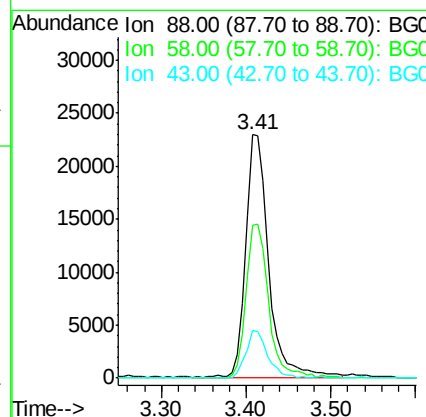
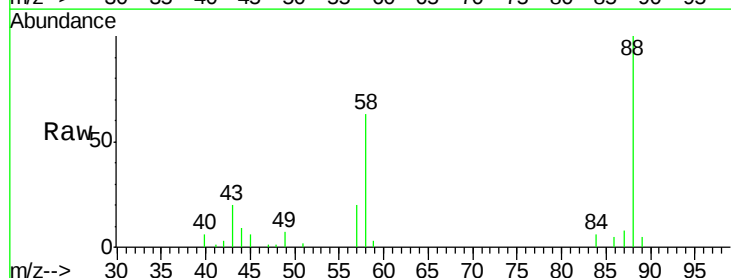
RT: 3.41 min Scan# 97

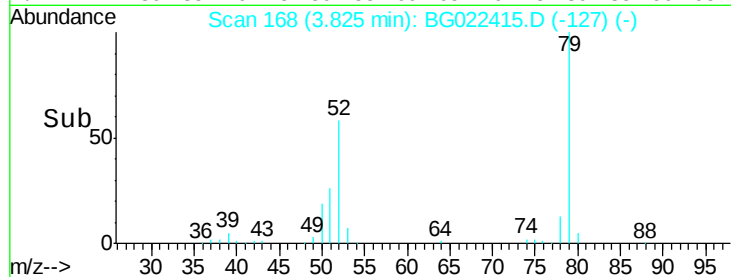
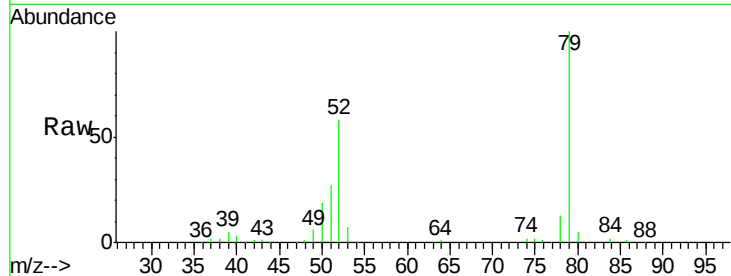
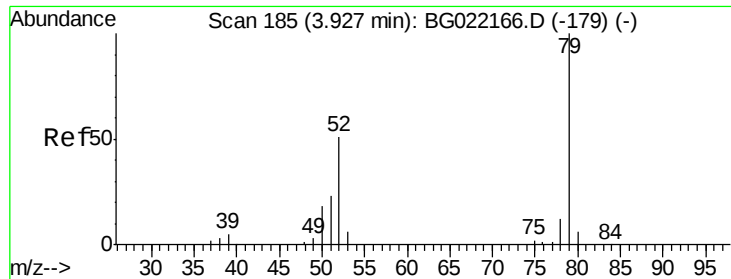
Delta R.T. -0.07 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 43564 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 61.3  | 36.8  | 55.2# |
| 43        | 18.3  | 10.4  | 15.6# |





#3

Pvridine

Concen: 42.46 ng

RT: 3.82 min Scan# 168

Delta R.T. -0.06 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 122980 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 57.6  | 41.6  | 62.4   |
| 51        | 26.9  | 19.2  | 28.8   |

Instrument :

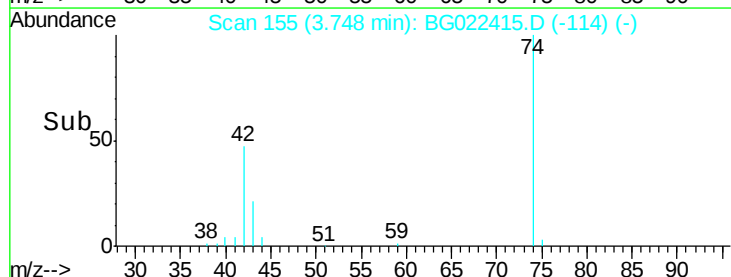
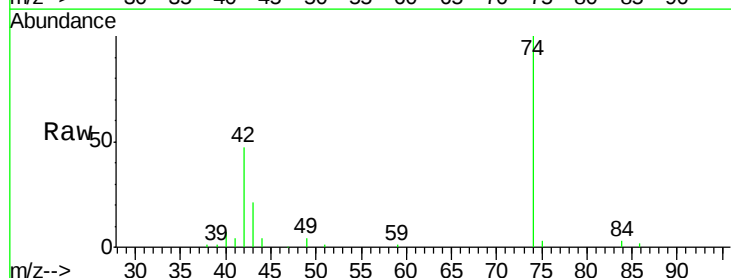
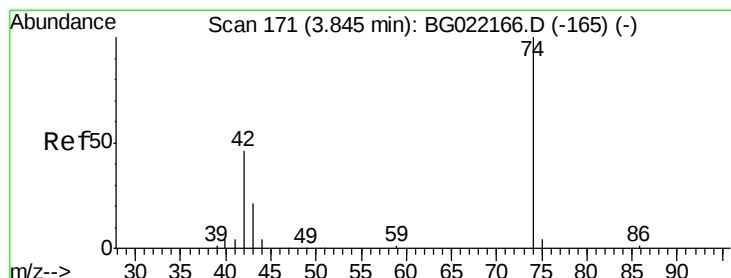
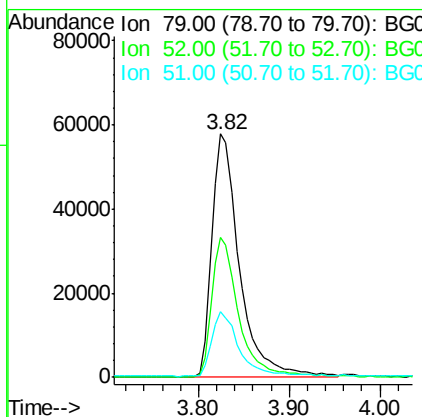
BNA\_G

ClientSampleId :

SSTDCCC040

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 51.10 ng

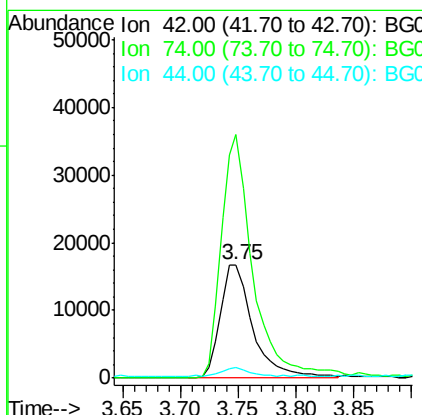
RT: 3.75 min Scan# 155

Delta R.T. -0.06 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 33091 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 214.1 | 184.0 | 276.0 |
| 44        | 9.4   | 11.0  | 16.6  |





#5

2-Fluorophenol

Concen: 88.19 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.03 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

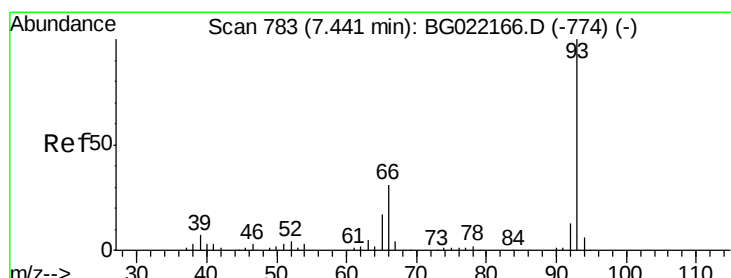
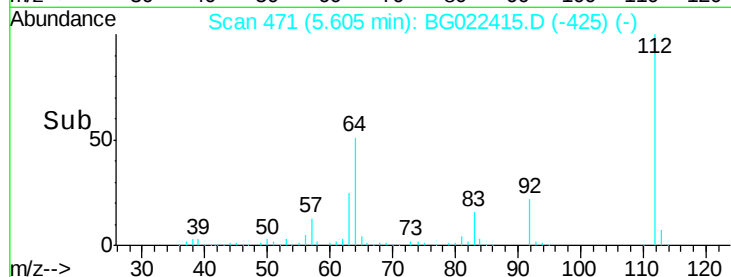
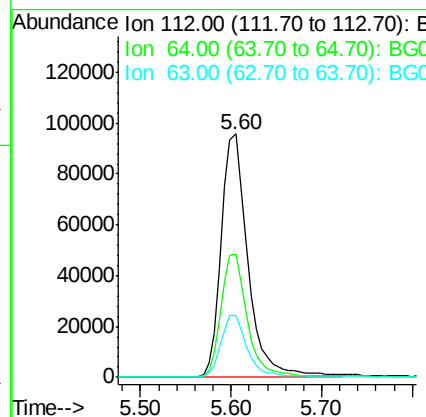
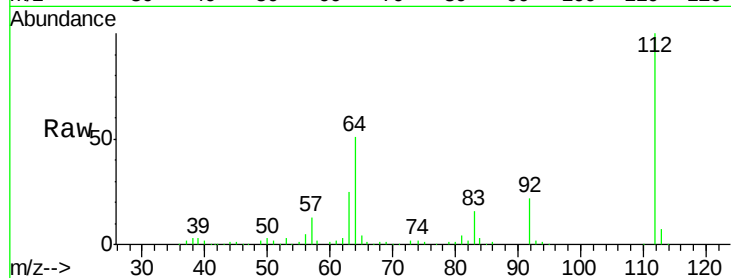
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 197118 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 50.5  | 51.1  | 76.7#  |
| 63        | 25.2  | 24.6  | 37.0   |

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#6

Aniline

Concen: 43.09 ng

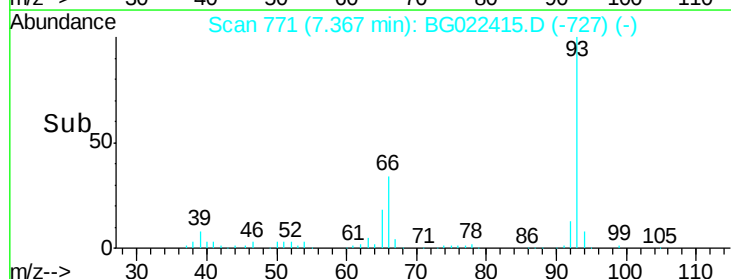
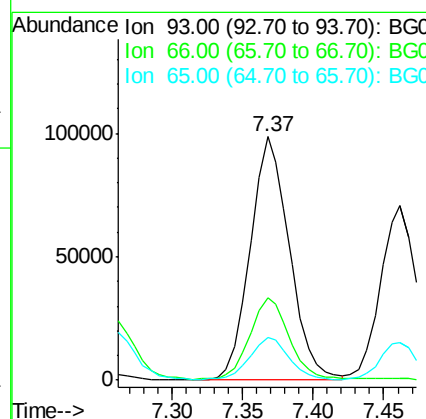
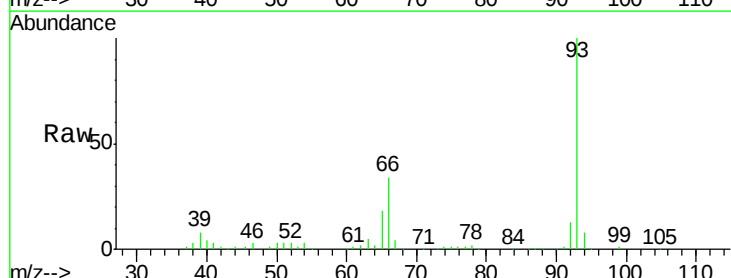
RT: 7.37 min Scan# 771

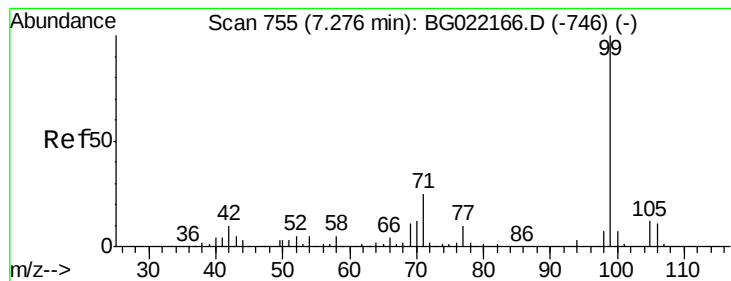
Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 192380 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 33.7  | 36.3  | 54.5#  |
| 65        | 17.5  | 18.4  | 27.6#  |





#7

Phenol-d6

Concen: 85.19 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

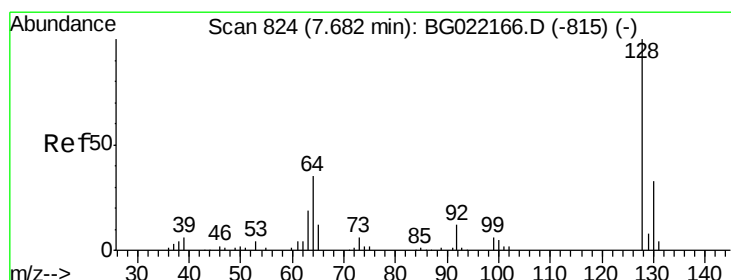
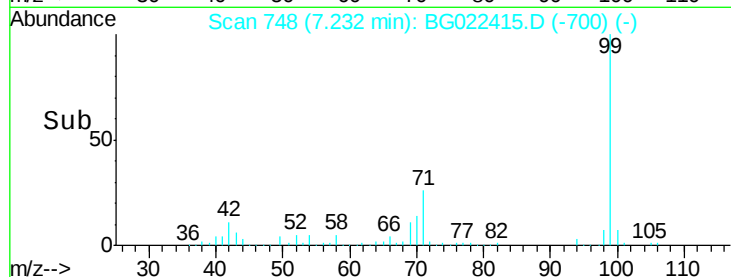
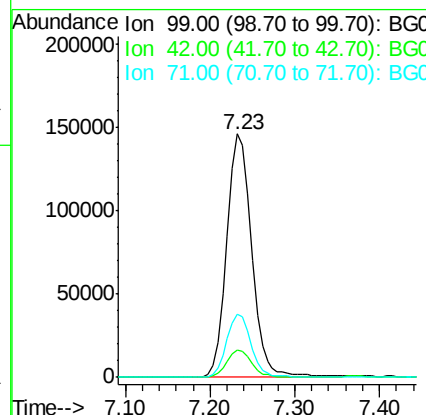
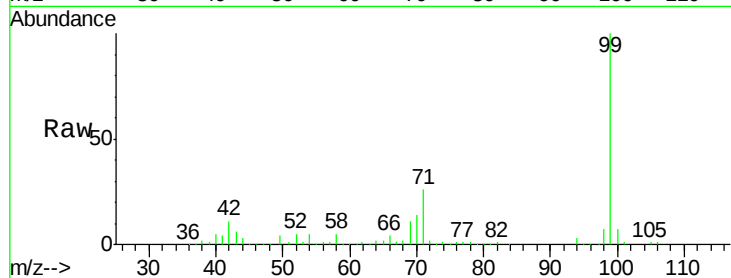
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 299396 |       |       |
| 42      | 11.3 | 16.4  | 24.6#  |       |       |
| 71      | 25.7 | 25.0  | 37.4   |       |       |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 40.39 ng

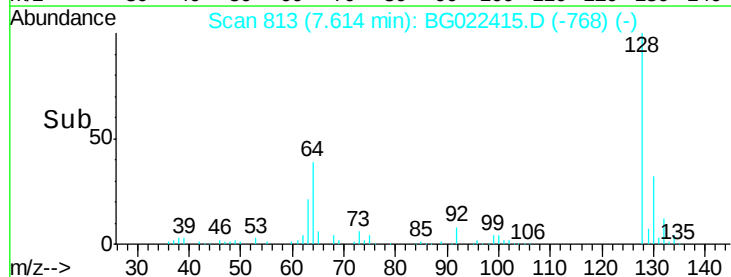
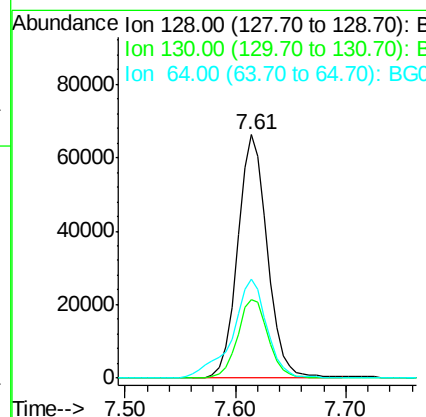
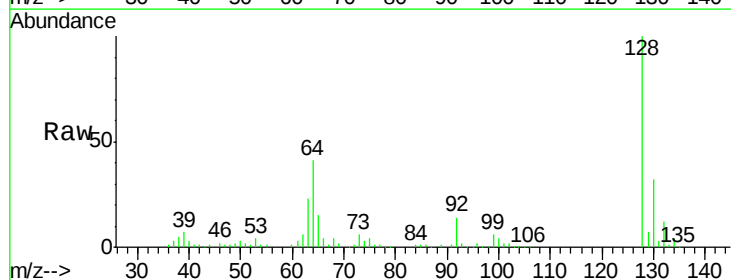
RT: 7.61 min Scan# 813

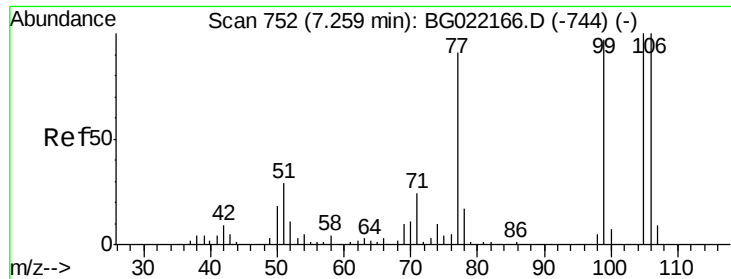
Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 124786 |       |       |
| 130     | 32.4 | 11.2  | 51.2   |       |       |
| 64      | 40.8 | 39.8  | 79.8   |       |       |





#9

Benzaldehyde

Concen: 41.41 ng

RT: 7.18 min Scan# 739

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

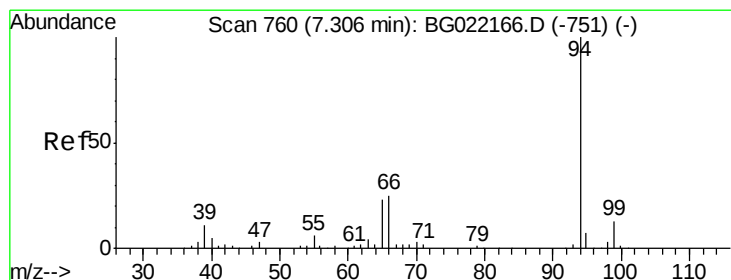
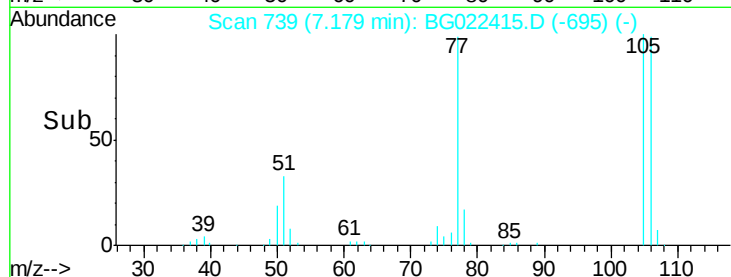
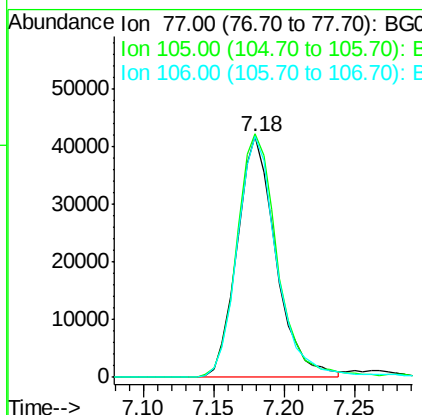
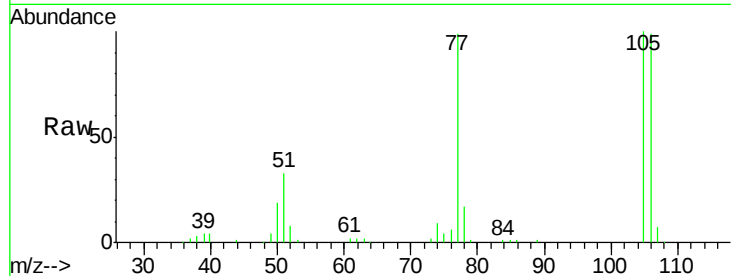
ClientSampleId :

SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 80114 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 101.2 | 62.1  | 102.1 |
| 106      | 100.1 | 65.6  | 105.6 |

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#10

Phenol

Concen: 42.39 ng

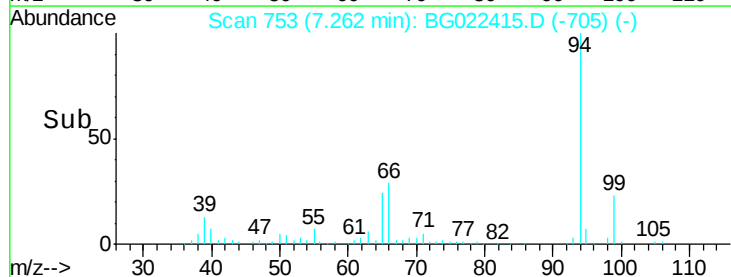
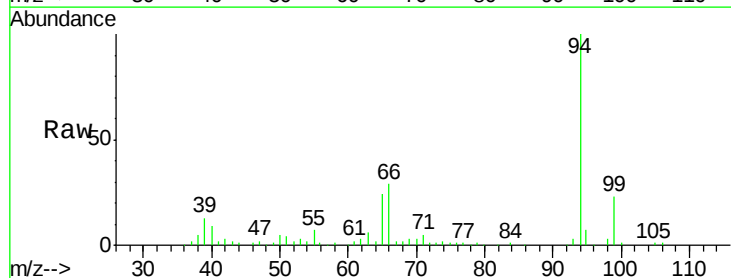
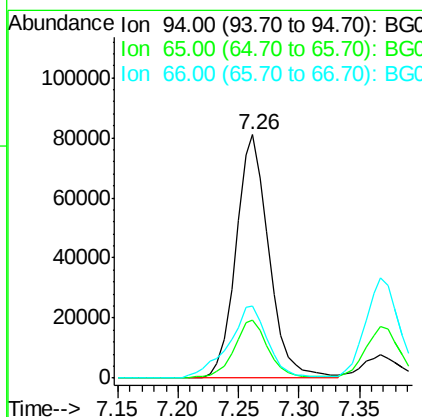
RT: 7.26 min Scan# 753

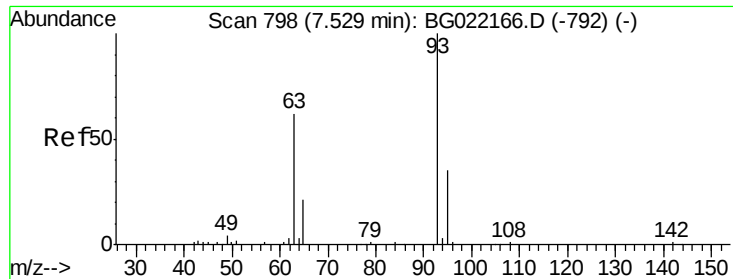
Delta R.T. -0.02 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 153588 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 23.7  | 9.8   | 49.8   |
| 66       | 29.4  | 20.8  | 60.8   |





#11

bis(2-Chloroethyl)ether

Concen: 44.73 ng

RT: 7.46 min Scan# 787

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

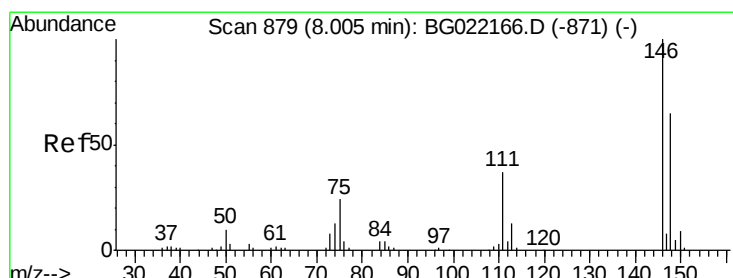
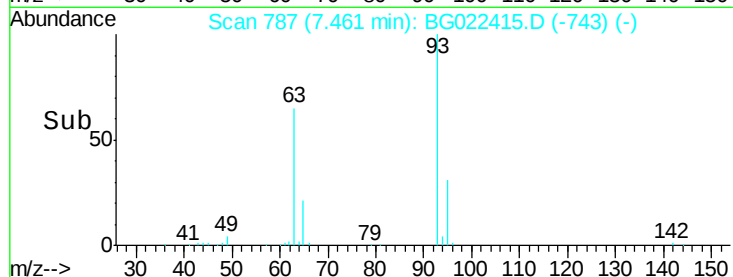
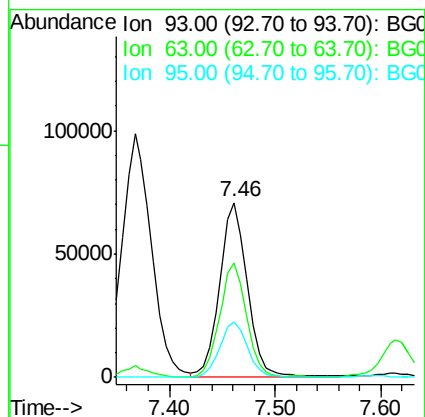
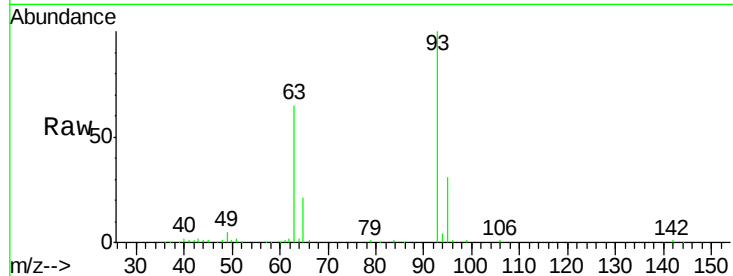
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 129219 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 65.4  | 74.9  | 114.9# |
| 95        | 31.5  | 8.3   | 48.3   |

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#12

1,3-Dichlorobenzene

Concen: 39.78 ng

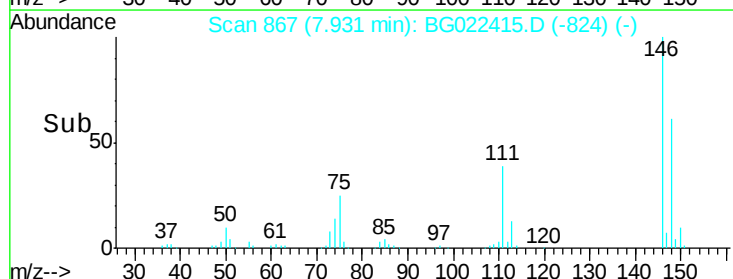
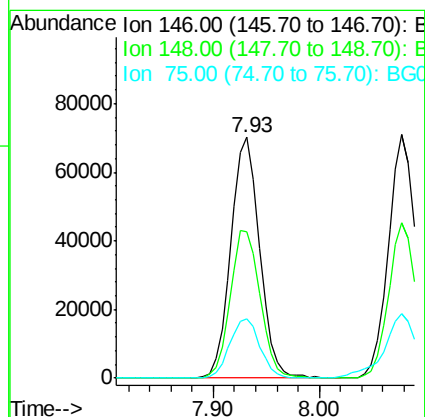
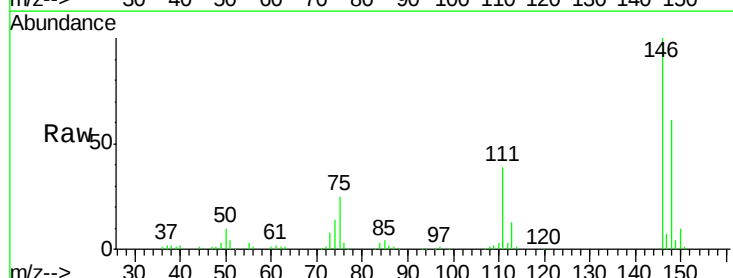
RT: 7.93 min Scan# 867

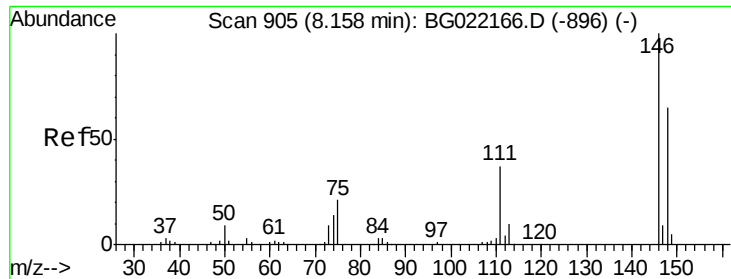
Delta R.T. -0.05 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 131743 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 60.7  | 53.7  | 80.5   |
| 75        | 24.5  | 27.4  | 41.0#  |





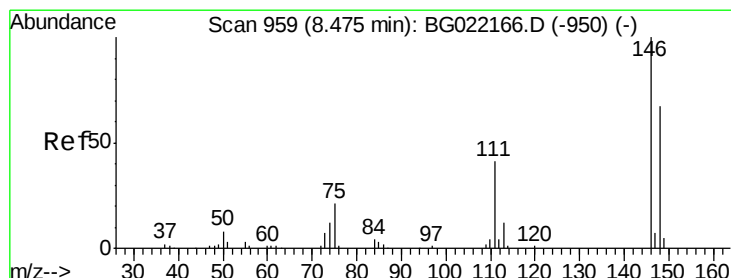
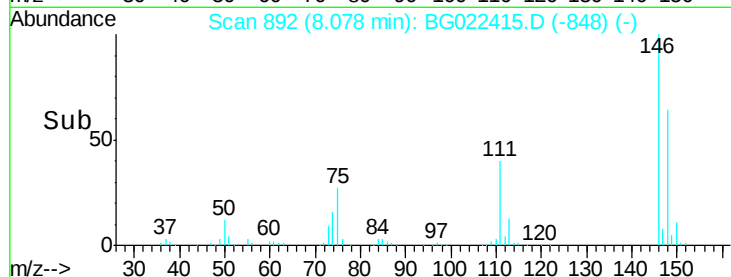
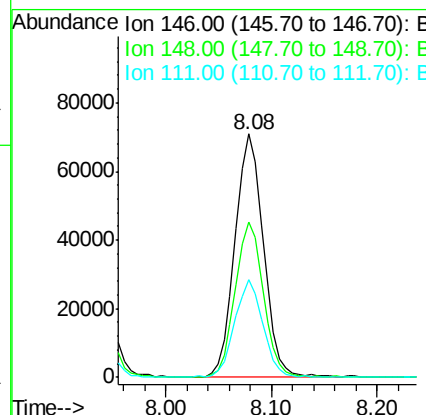
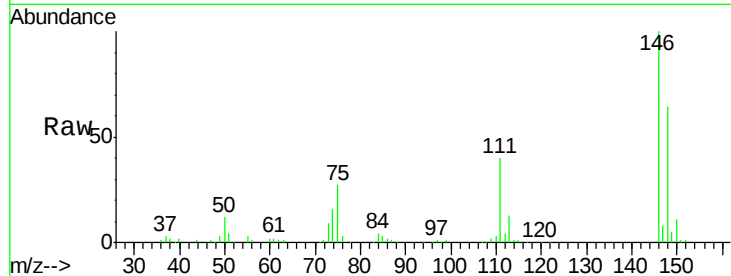
#13  
 1,4-Dichlorobenzene  
 Concen: 40.13 ng  
 RT: 8.08 min Scan# 892  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 46.7  | 70.1  |
| 111     | 40.0  | 33.0  | 49.6  |

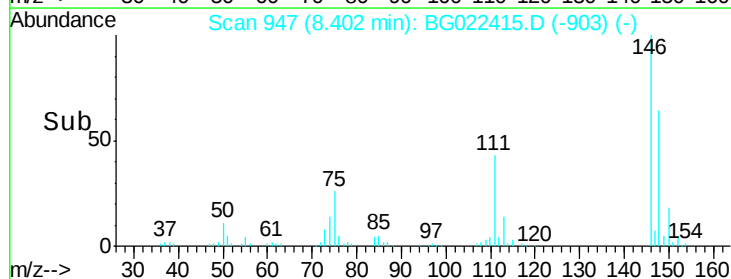
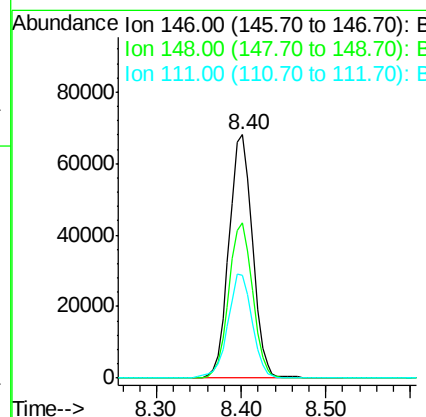
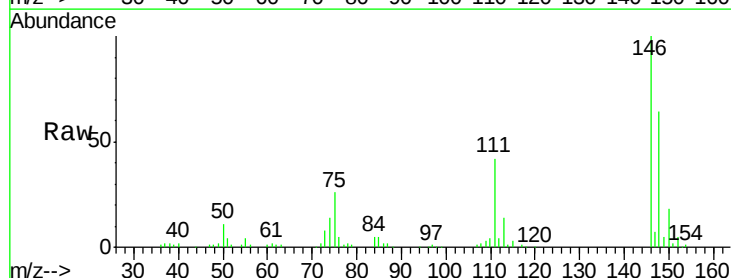
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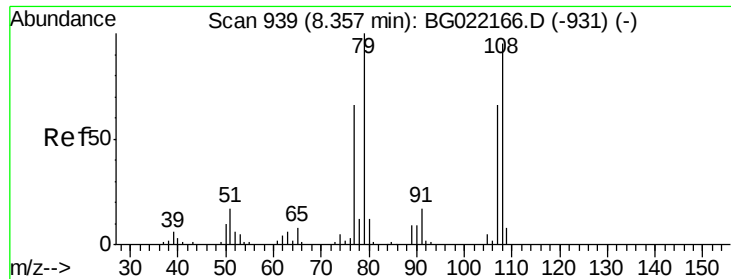
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#14  
 1,2-Dichlorobenzene  
 Concen: 39.39 ng  
 RT: 8.40 min Scan# 947  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 52.6  | 79.0  |
| 111     | 42.4  | 36.1  | 54.1  |





#15

Benzyl Alcohol

Concen: 43.58 ng

RT: 8.30 min Scan# 929

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

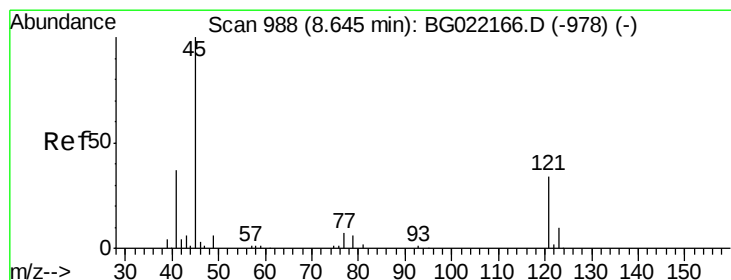
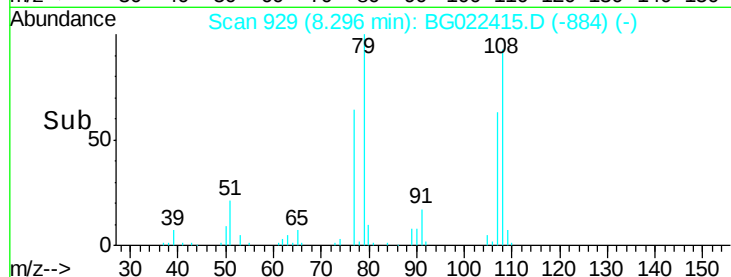
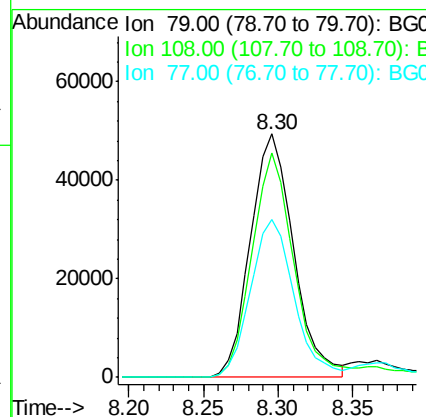
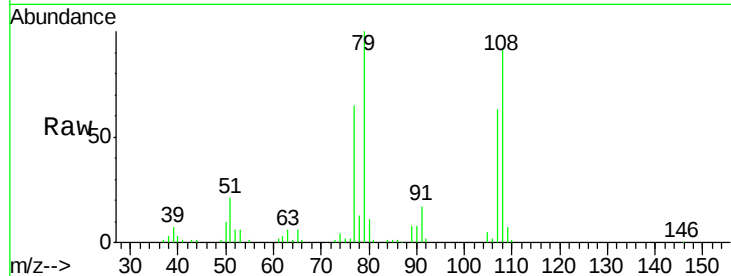
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 98952 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 92.1  | 59.4  | 89.0# |
| 77        | 64.7  | 52.2  | 78.2  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.17 ng

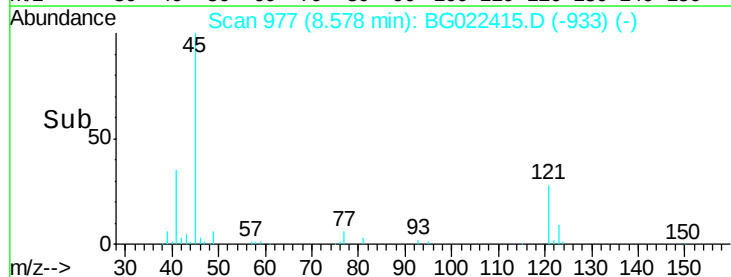
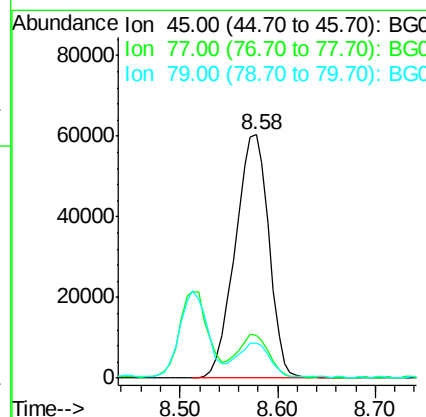
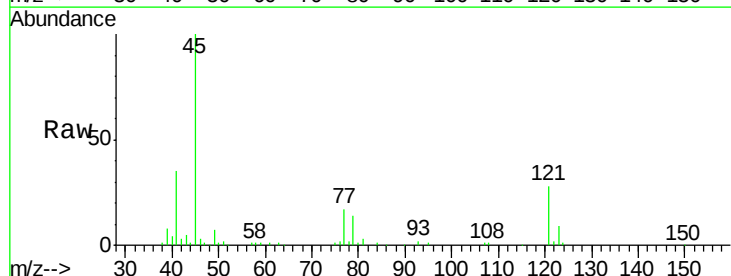
RT: 8.58 min Scan# 977

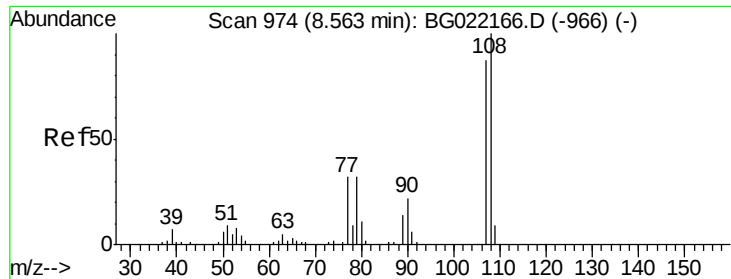
Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 144383 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 17.3  | 0.0   | 31.2   |
| 79        | 14.2  | 0.0   | 29.0   |





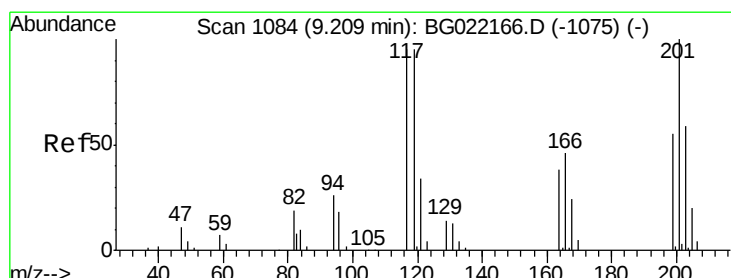
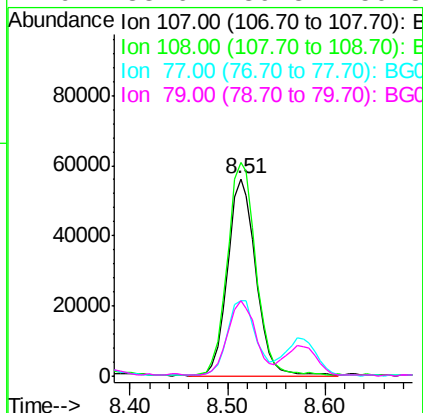
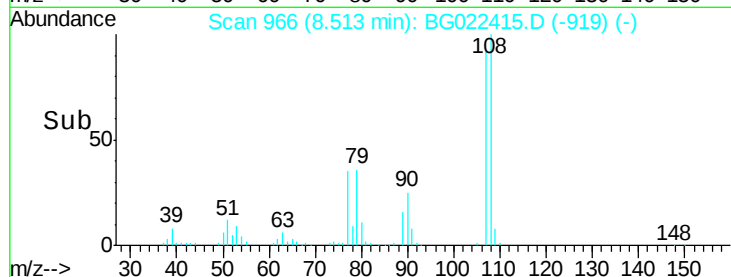
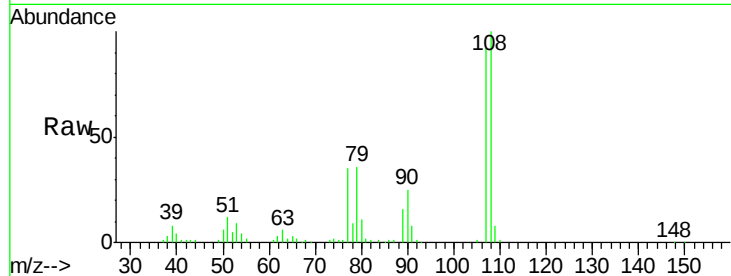
#17  
2-Methylphenol  
Concen: 42.25 ng  
RT: 8.51 min Scan# 966  
Delta R.T. -0.02 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 108.2 | 80.2 | 120.4 |       |
| 77      | 38.0  | 40.7 | 61.1# |       |
| 79      | 38.6  | 39.8 | 59.8# |       |

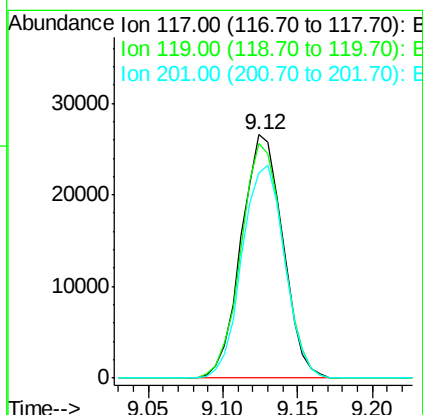
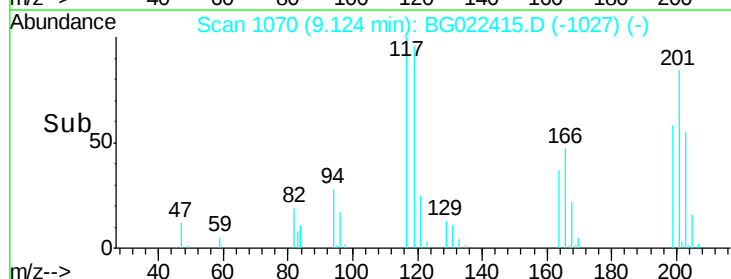
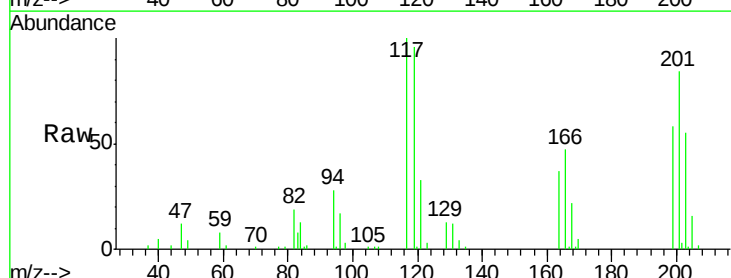
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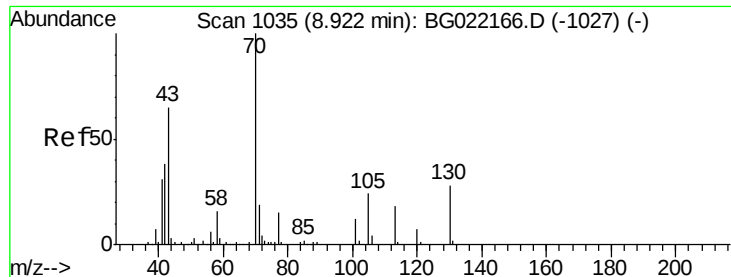
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#18  
Hexachloroethane  
Concen: 42.53 ng  
RT: 9.12 min Scan# 1070  
Delta R.T. -0.05 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.2  | 63.9 | 95.9# |       |
| 201     | 87.0  | 61.2 | 91.8  |       |





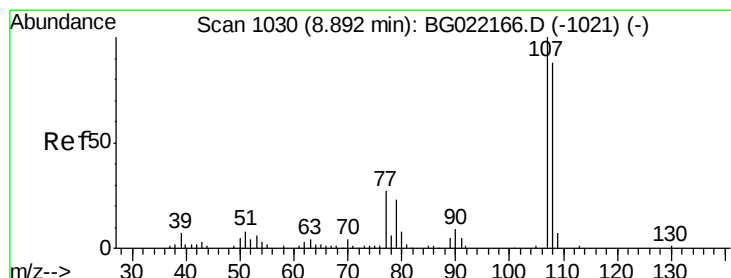
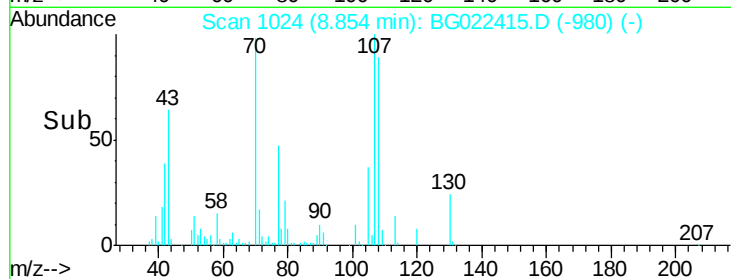
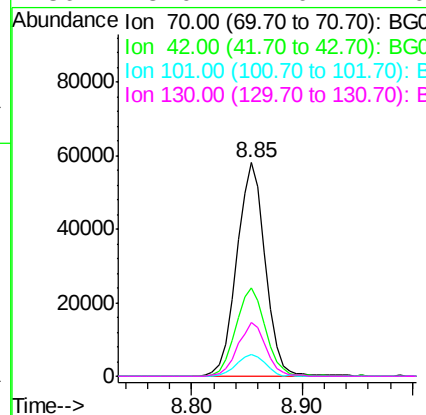
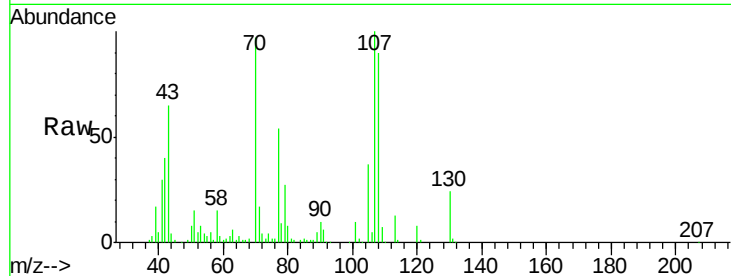
#19  
n-Nitroso-di-n-propylamine  
Concen: 44.03 ng  
RT: 8.85 min Scan# 1024  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       |       |       |       |
| 42      | 41.4 | 56.7  | 85.1# |       |       |
| 101     | 10.3 | 8.2   | 12.4  |       |       |
| 130     | 25.0 | 14.0  | 21.0# |       |       |

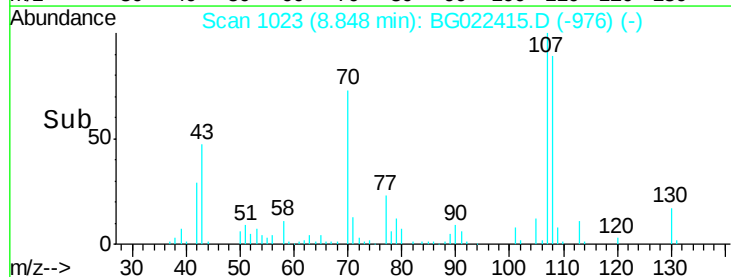
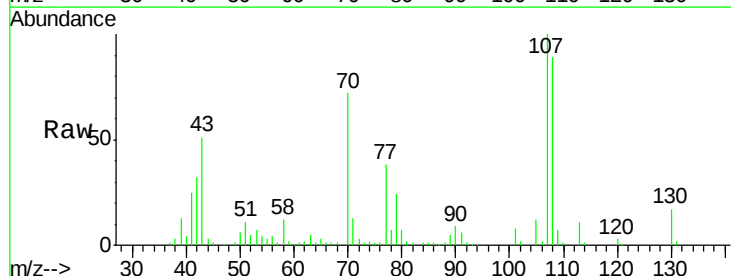
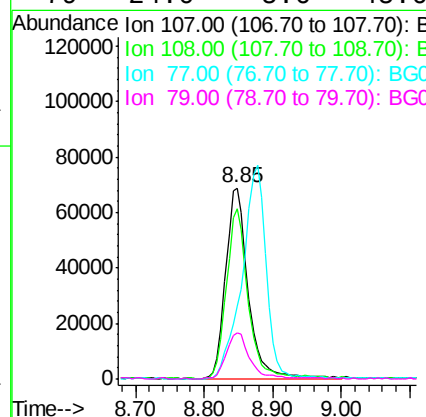
Manual Integrations  
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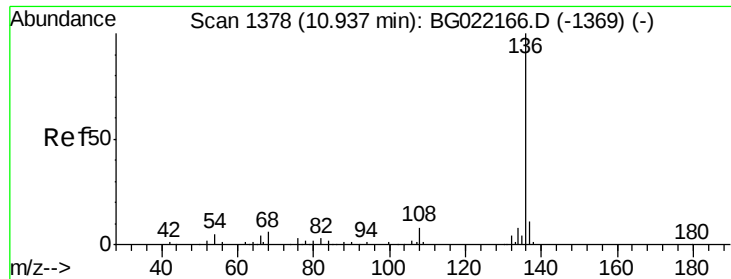
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#20  
3+4-Methylphenols  
Concen: 40.26 ng  
RT: 8.85 min Scan# 1023  
Delta R.T. -0.02 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 89.0 | 66.2  | 106.2 |       |       |
| 77      | 38.0 | 11.5  | 51.5  |       |       |
| 79      | 24.0 | 5.6   | 45.6  |       |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.86 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

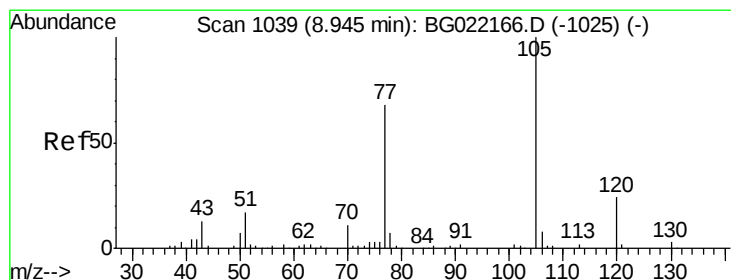
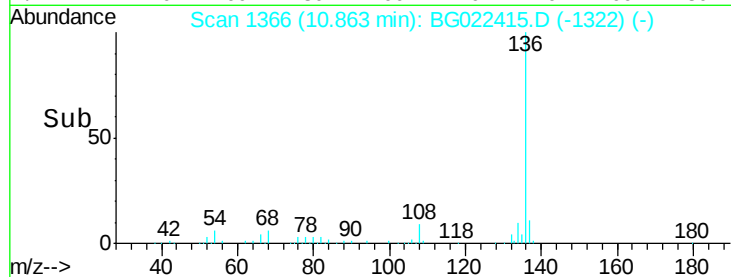
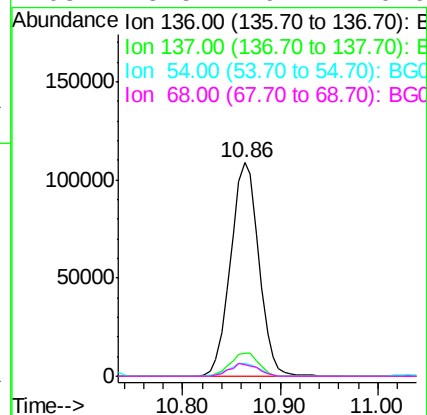
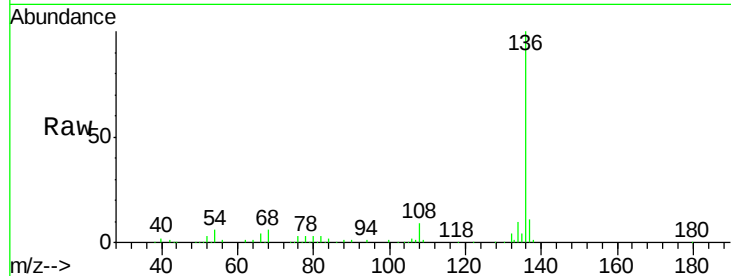
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 11.0  | 9.0        | 13.4  |
| 54      | 6.0   | 9.6        | 14.4# |
| 68      | 5.5   | 6.4        | 9.6#  |

Manual Integrations  
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#22

Acetophenone

Concen: 43.25 ng

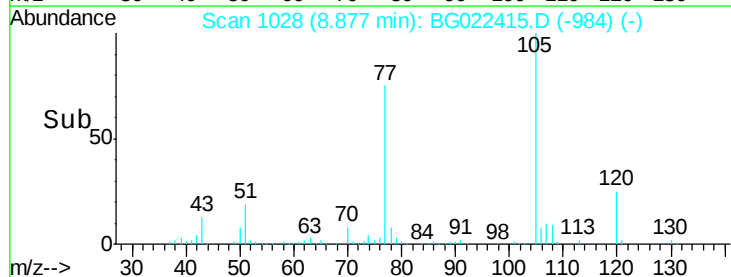
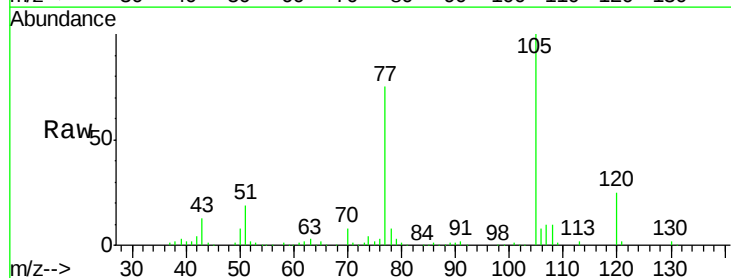
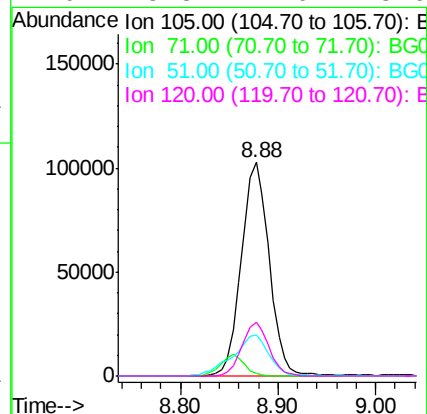
RT: 8.88 min Scan# 1028

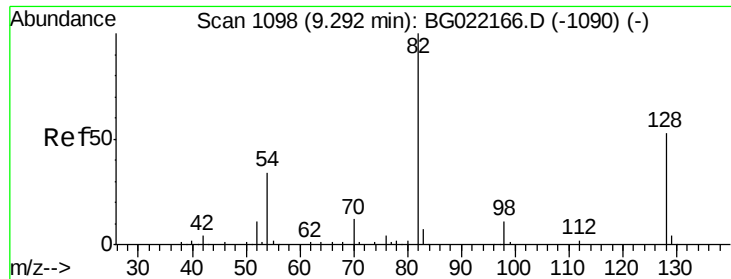
Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 1.3   | 0.0        | 0.0#  |
| 51      | 19.2  | 25.7       | 38.5# |
| 120     | 25.3  | 17.0       | 25.6  |





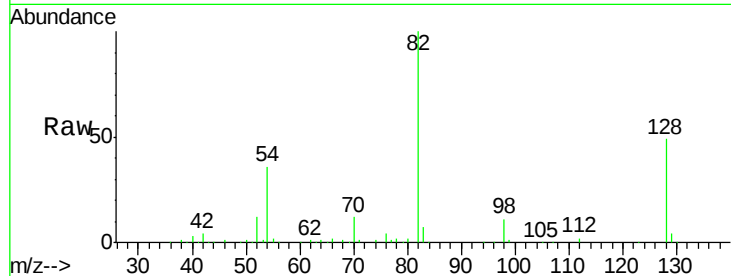
#23  
 Nitrobenzene-d5  
 Concen: 91.50 ng  
 RT: 9.22 min Scan# 1087  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

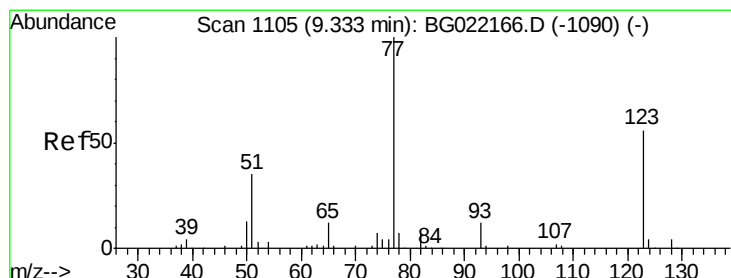
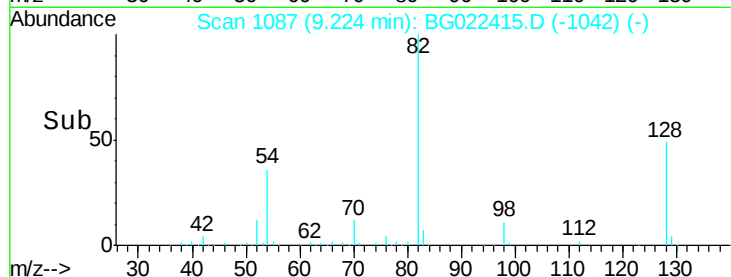
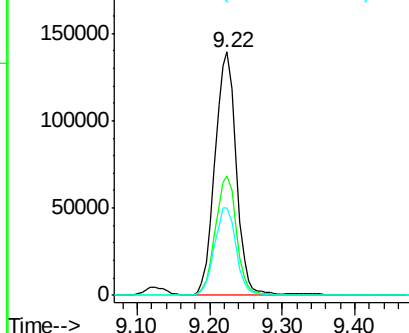
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 49.2  | 33.4       | 50.0  |
| 54      | 36.1  | 46.1       | 69.1  |

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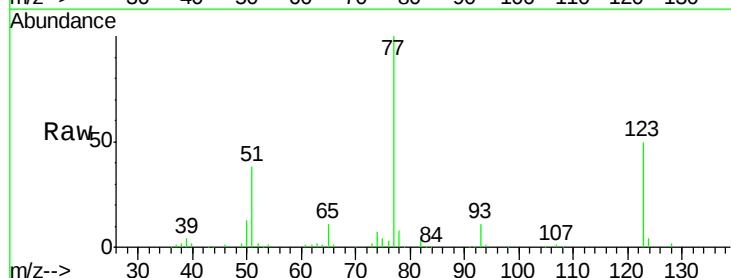


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

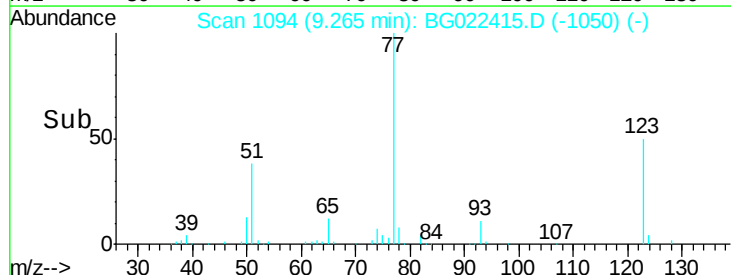
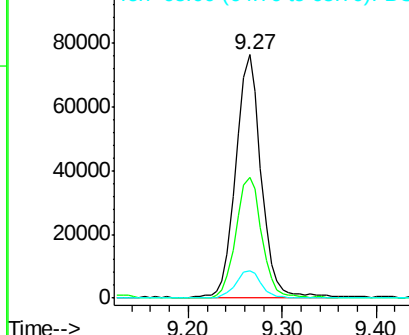


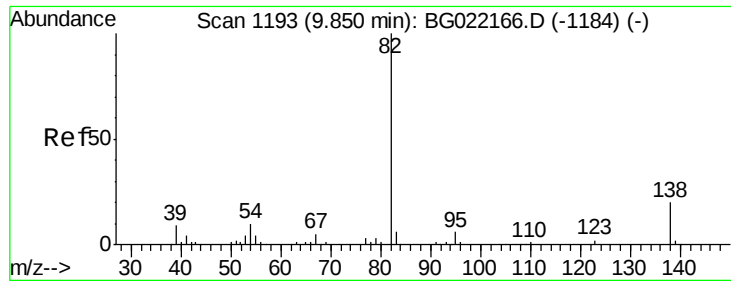
#24  
 Nitrobenzene  
 Concen: 44.96 ng  
 RT: 9.27 min Scan# 1094  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 77      | 100   |            |       |
| 123     | 49.7  | 32.2       | 48.4  |
| 65      | 11.4  | 10.3       | 15.5  |



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





#25

Isophorone

Concen: 40.91 ng

RT: 9.78 min Scan# 1182

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

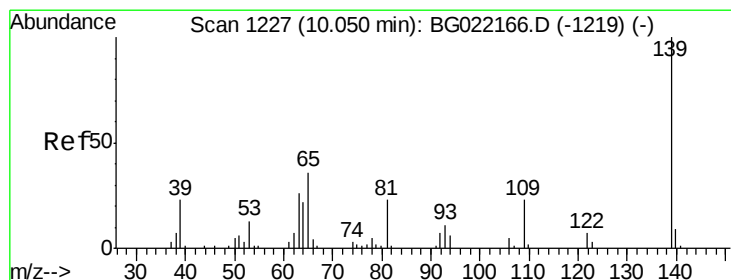
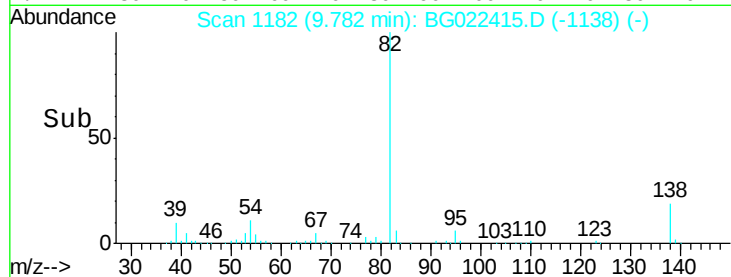
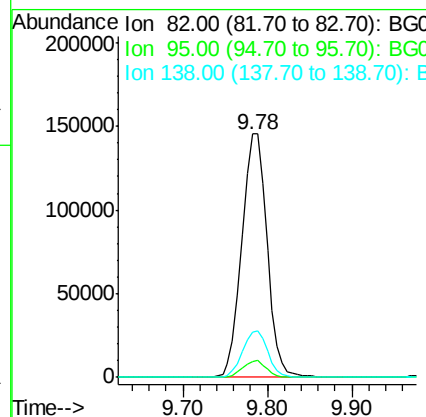
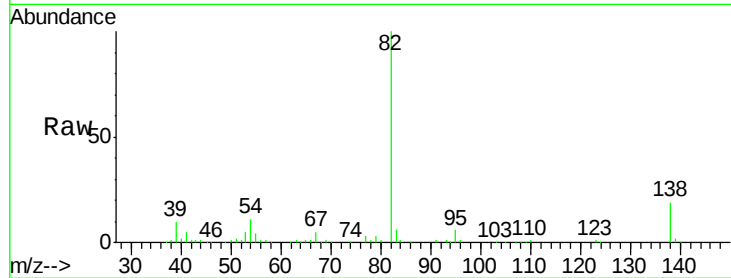
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 300777 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.3  | 6.0   | 9.0    |
| 138       | 18.8 | 13.4  | 20.0   |

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#26

2-Nitrophenol

Concen: 44.04 ng

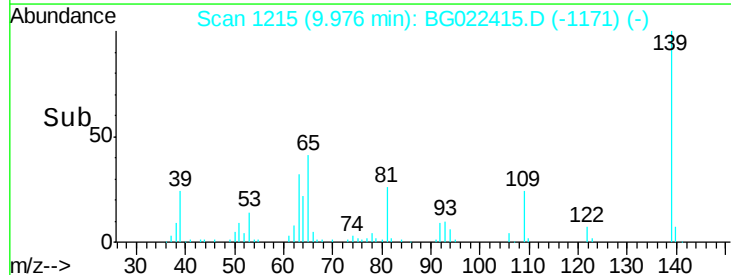
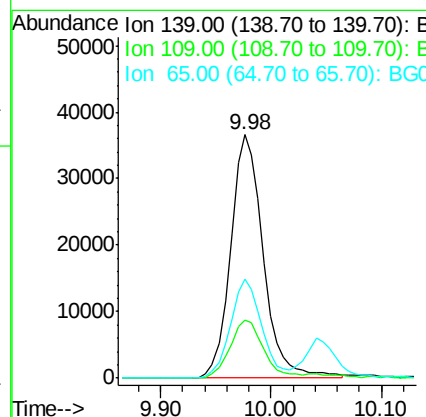
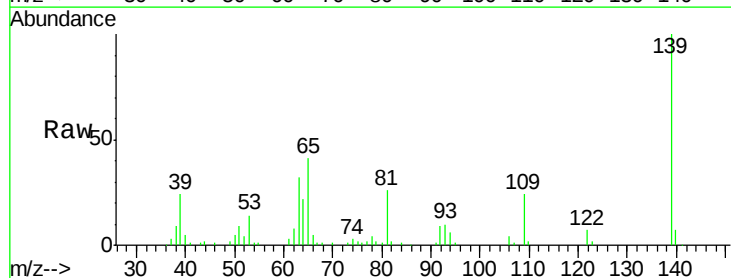
RT: 9.98 min Scan# 1215

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 75456 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 24.0 | 26.6  | 40.0# |
| 65        | 40.7 | 45.3  | 67.9# |





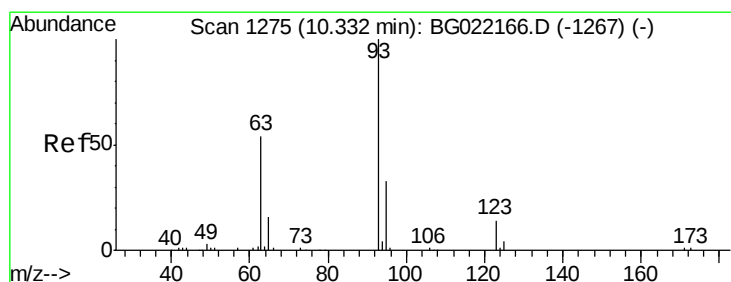
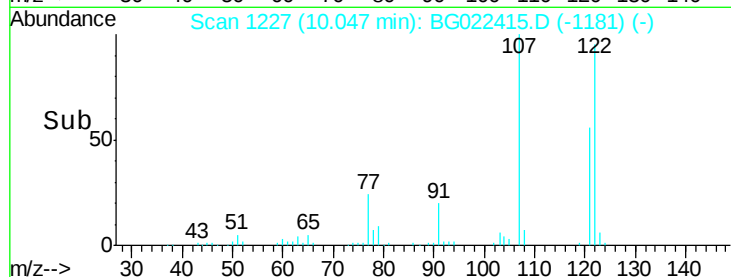
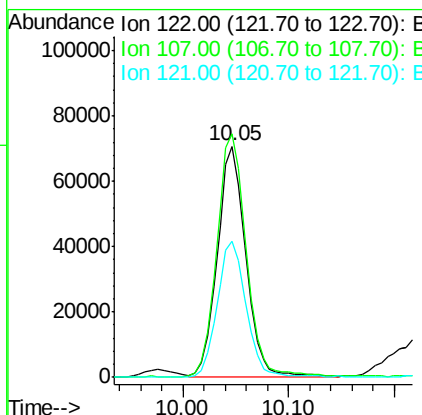
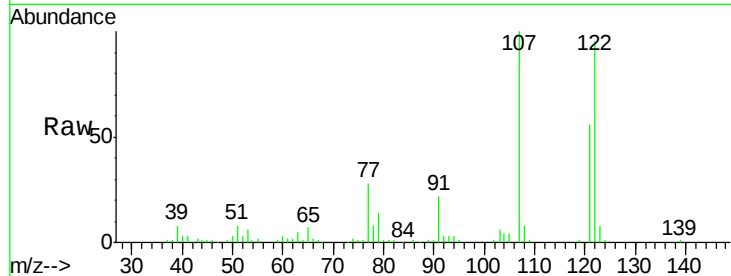
#27  
2,4-Dimethylphenol  
Concen: 42.37 ng  
RT: 10.05 min Scan# 1227  
Delta R.T. -0.03 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 122     | 100   |       | 131417 |       |       |
| 107     | 105.5 | 97.2  | 145.8  |       |       |
| 121     | 59.2  | 49.0  | 73.4   |       |       |

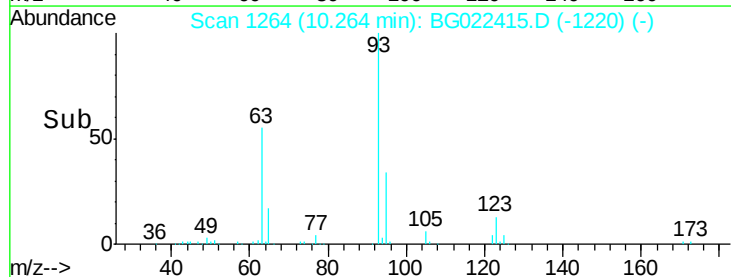
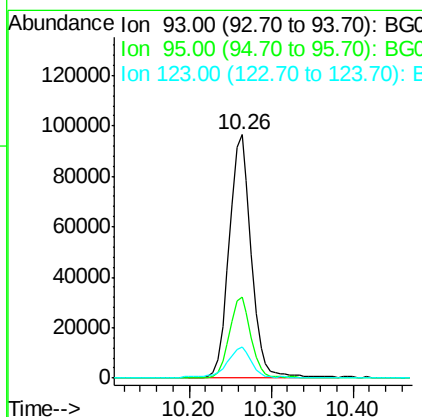
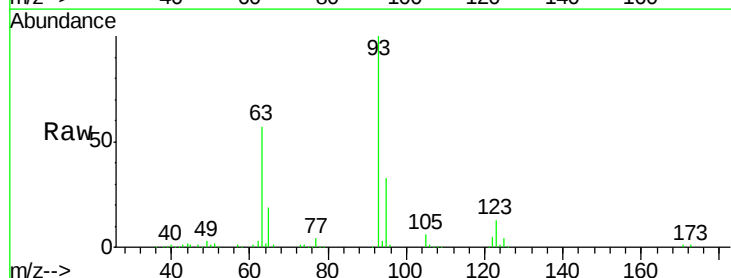
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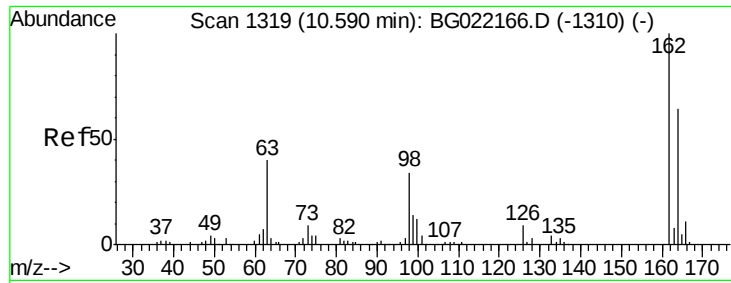
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#28  
bis(2-Chloroethoxy)methane  
Concen: 43.21 ng  
RT: 10.26 min Scan# 1264  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 181981 |       |       |
| 95      | 33.5 | 30.1  | 45.1   |       |       |
| 123     | 12.9 | 10.2  | 15.4   |       |       |





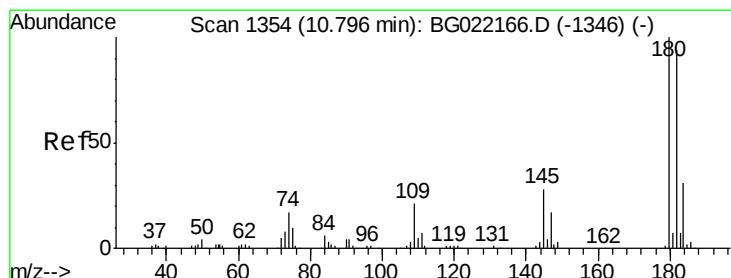
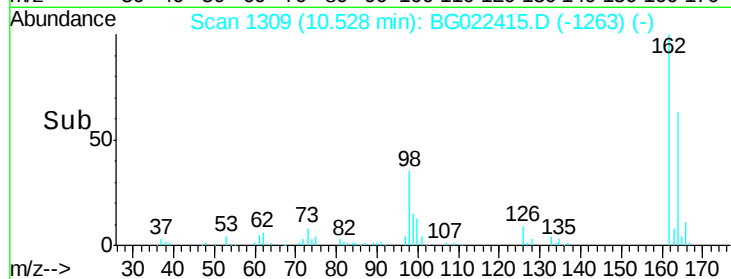
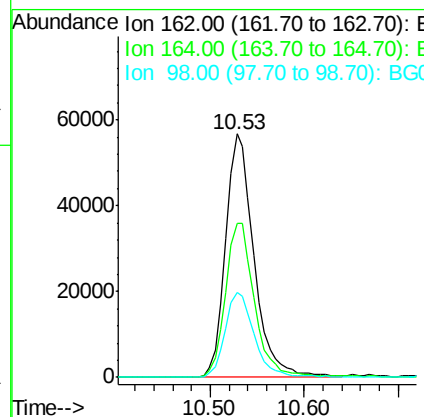
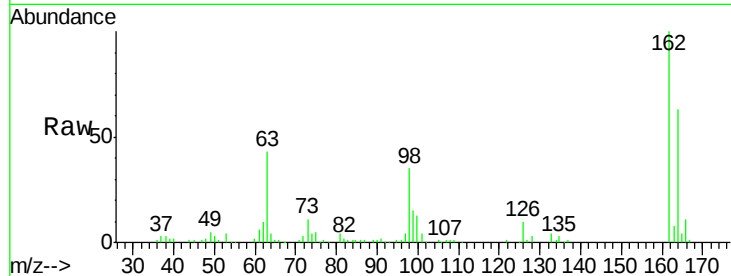
#29  
 2,4-Dichlorophenol  
 Concen: 41.65 ng  
 RT: 10.53 min Scan# 1309  
 Delta R.T. -0.03 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 63.1  | 44.9       | 84.9  |
| 98      | 34.7  | 19.2       | 59.2  |

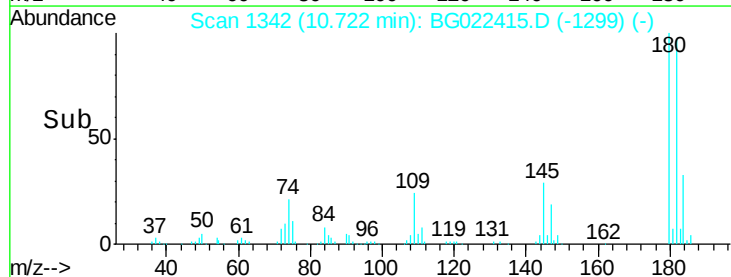
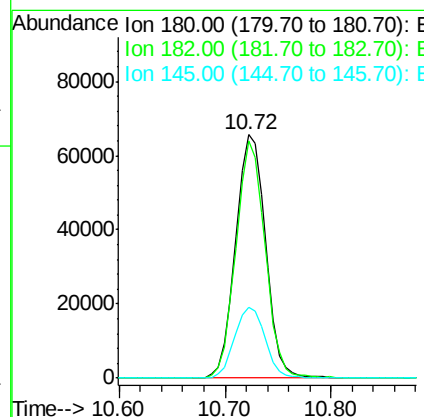
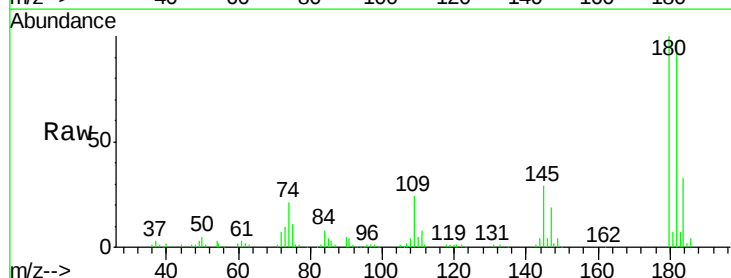
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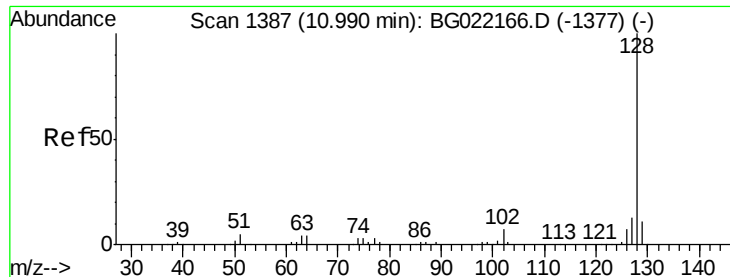
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.14 ng  
 RT: 10.72 min Scan# 1342  
 Delta R.T. -0.05 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 97.2  | 82.3       | 123.5 |
| 145     | 29.3  | 24.4       | 36.6  |





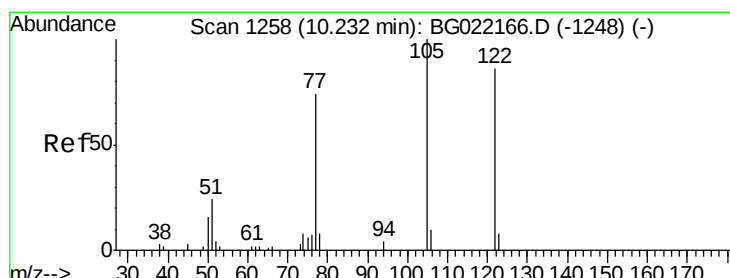
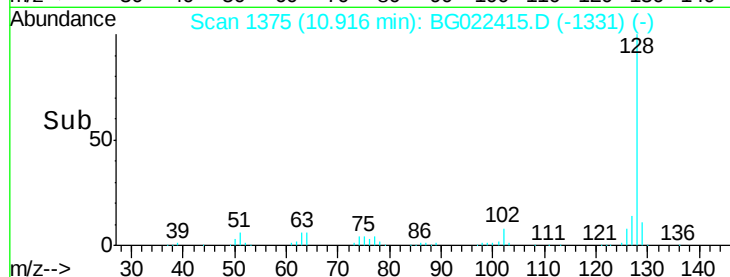
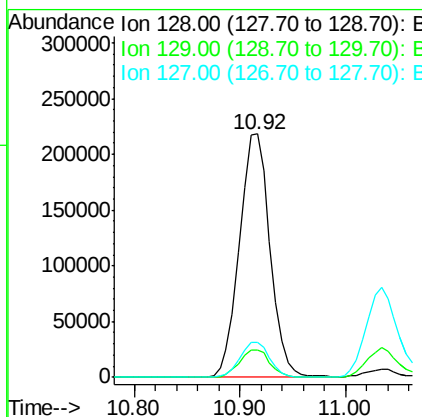
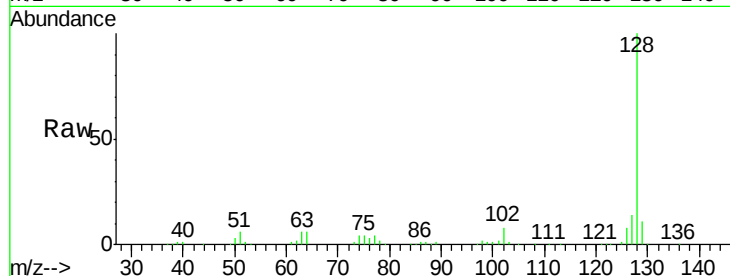
#31  
Naphthalene  
Concen: 40.12 ng  
RT: 10.92 min Scan# 1375  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 11.2  | 7.0  | 10.6# |       |
| 127     | 14.3  | 10.1 | 15.1  |       |

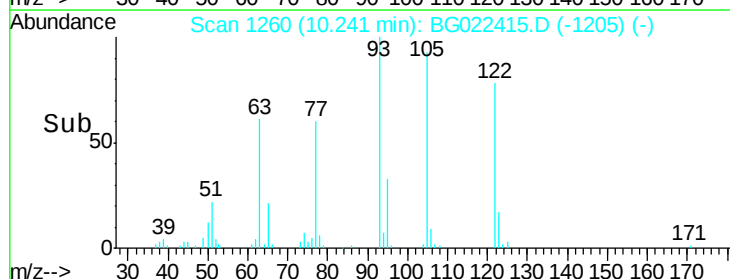
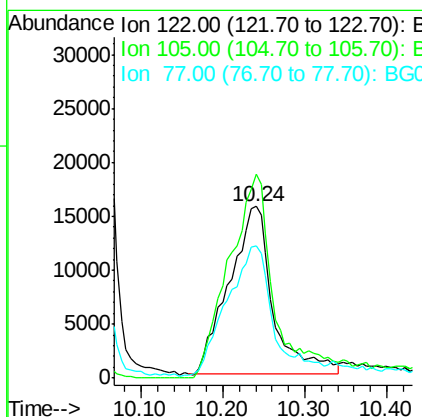
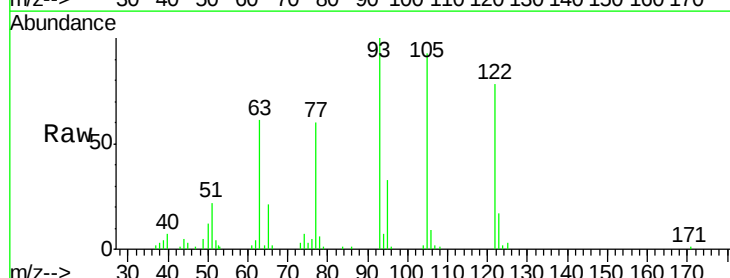
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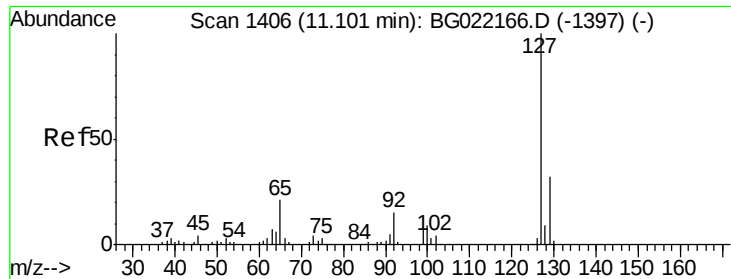
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#32  
Benzoic acid  
Concen: 52.14 ng  
RT: 10.24 min Scan# 1260  
Delta R.T. 0.02 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 122     | 100   |       |        |       |
| 105     | 118.4 | 104.5 | 144.5  |       |
| 77      | 77.1  | 79.9  | 119.9# |       |





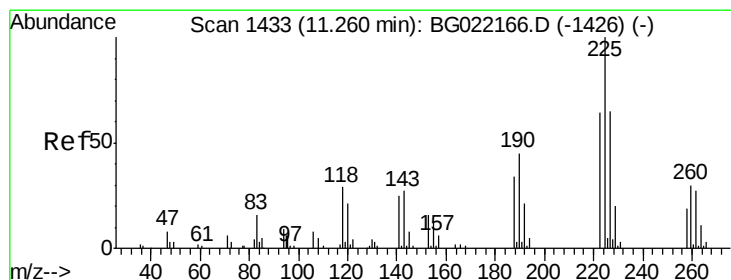
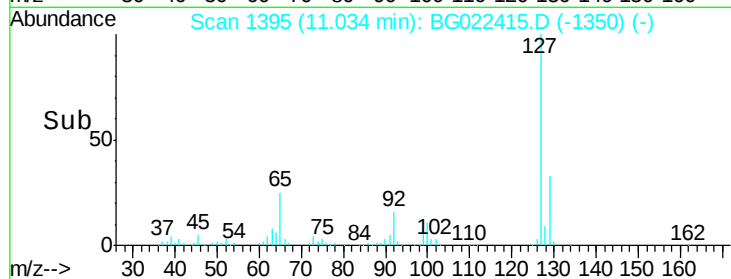
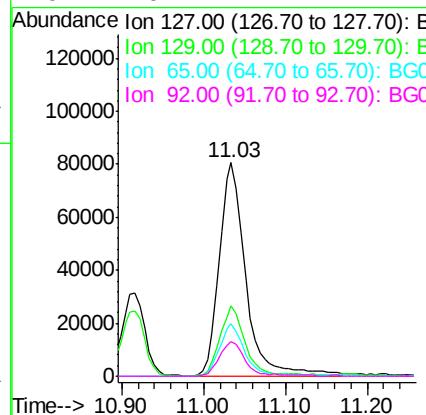
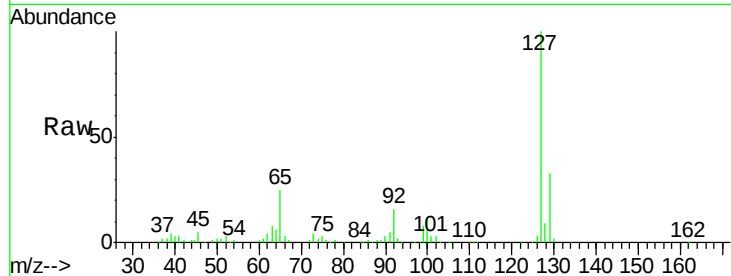
#33  
4-Chloroaniline  
Concen: 39.59 ng  
RT: 11.03 min Scan# 1395  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.0  | 26.6  | 39.8  |
| 65      | 24.5  | 27.5  | 41.3  |
| 92      | 16.2  | 14.7  | 22.1  |

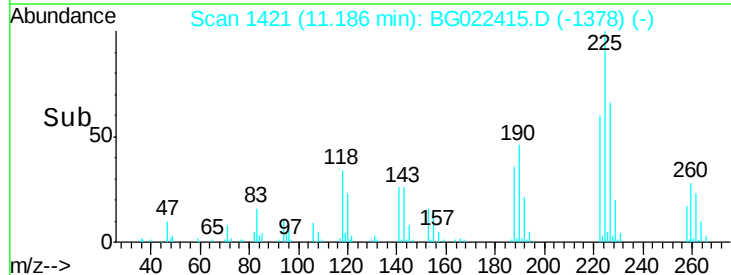
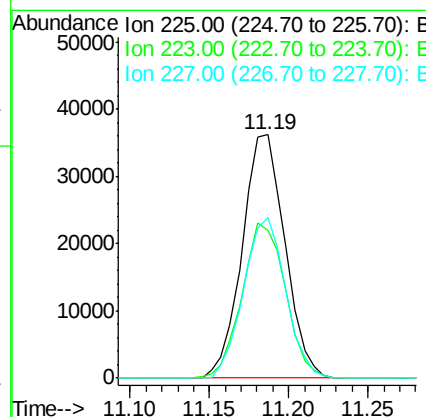
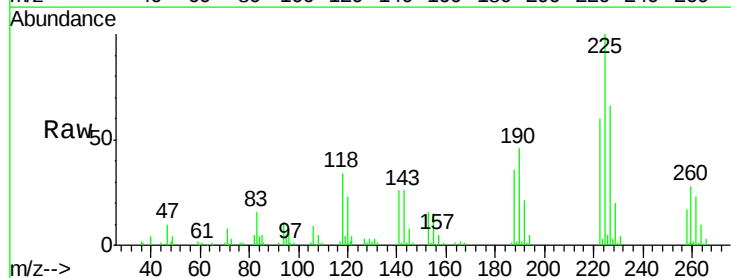
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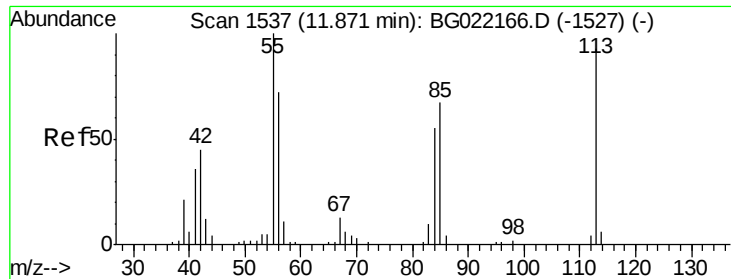
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#34  
Hexachlorobutadiene  
Concen: 39.36 ng  
RT: 11.19 min Scan# 1421  
Delta R.T. -0.05 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.8  | 52.7  | 79.1  |
| 227     | 65.5  | 49.7  | 74.5  |





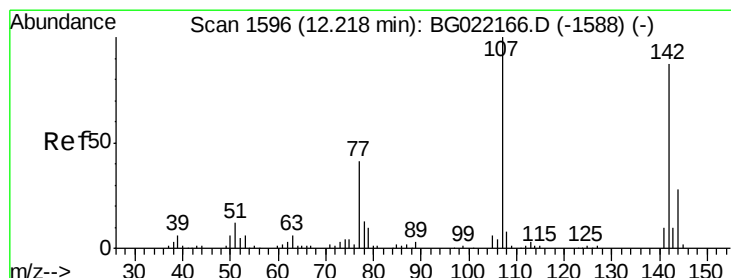
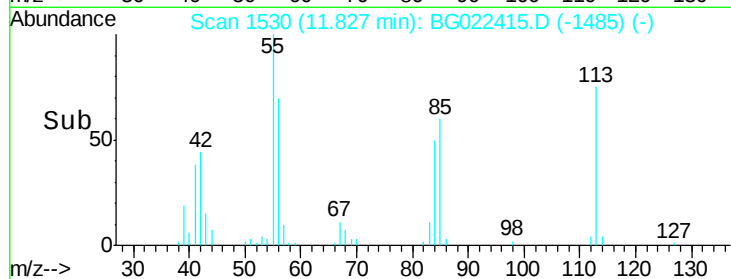
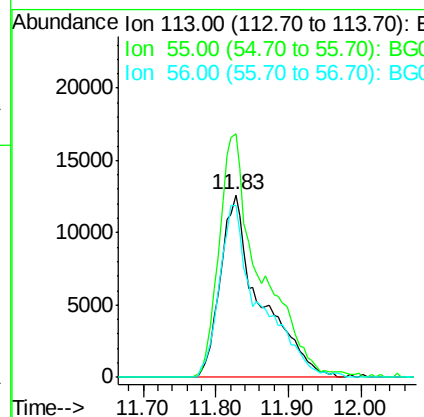
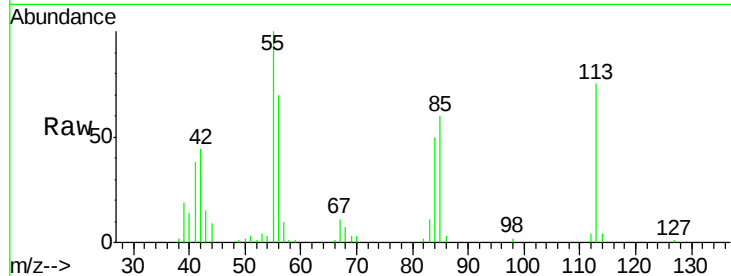
#35  
Caprolactam  
Concen: 30.54 ng  
RT: 11.83 min Scan# 1530  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 133.5 | 194.2 | 234.2# |
| 56      | 94.1  | 122.6 | 162.6# |

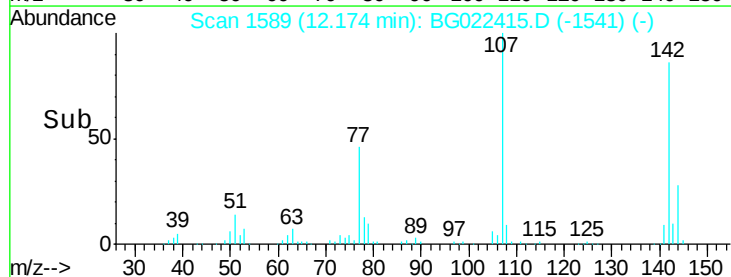
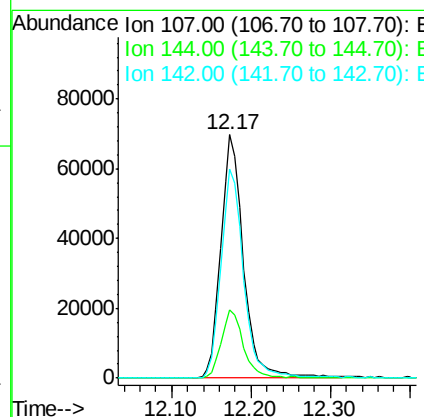
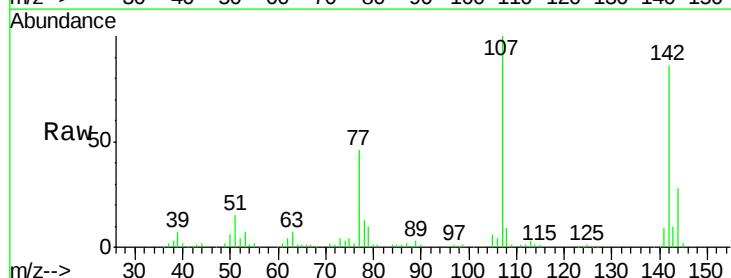
Manual Integrations  
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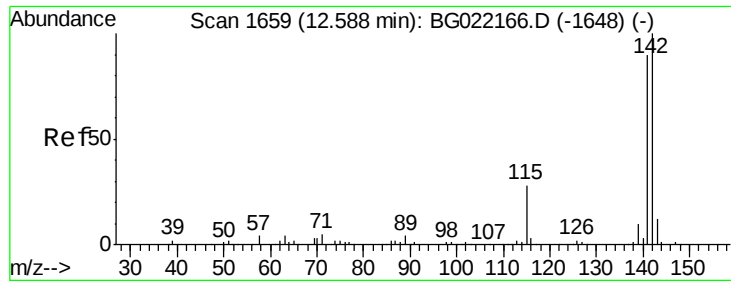
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#36  
4-Chloro-3-methylphenol  
Concen: 40.60 ng  
RT: 12.17 min Scan# 1589  
Delta R.T. -0.02 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.8  | 19.2  | 28.8  |
| 142     | 85.7  | 59.1  | 88.7  |





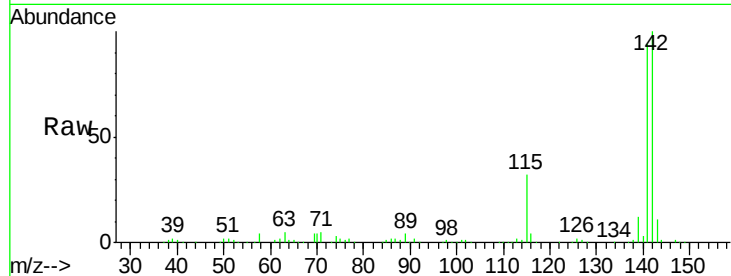
#37  
2-Methylnaphthalene  
Concen: 39.05 ng  
RT: 12.51 min Scan# 1647  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

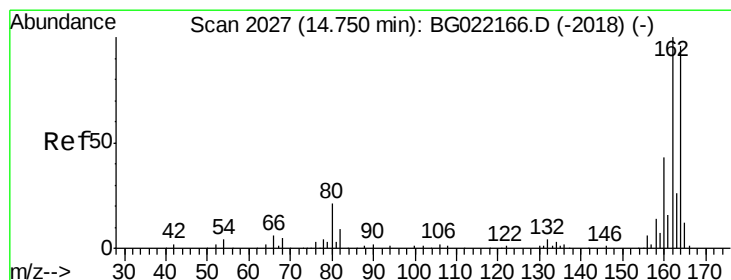
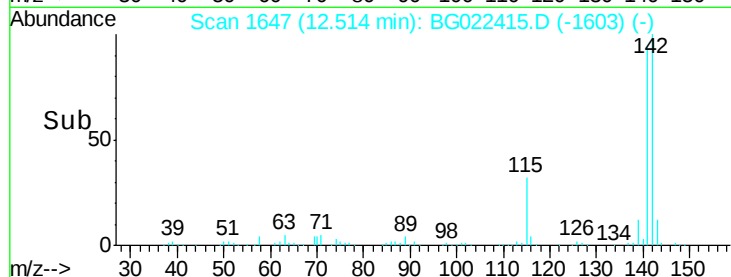
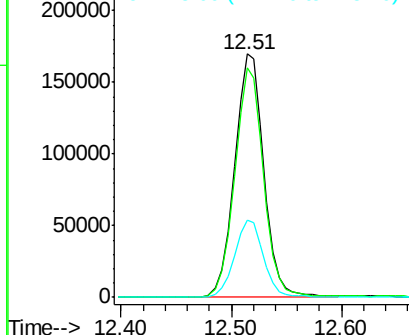
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.0  | 71.4  | 107.0 |
| 115     | 31.6  | 27.4  | 41.2  |

Manual Integrations  
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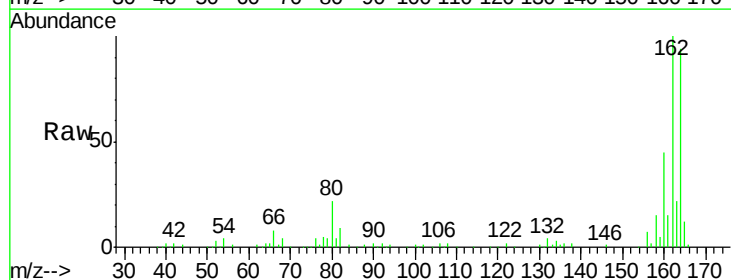


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

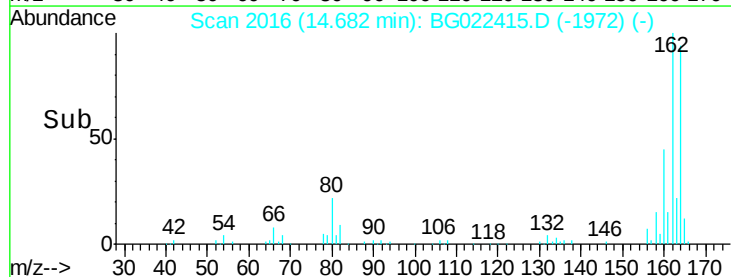
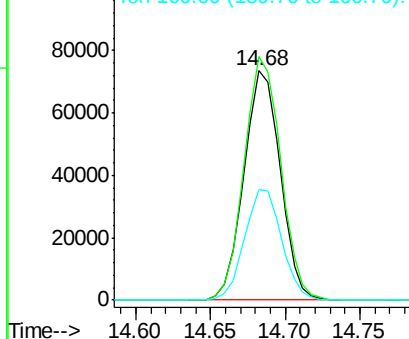


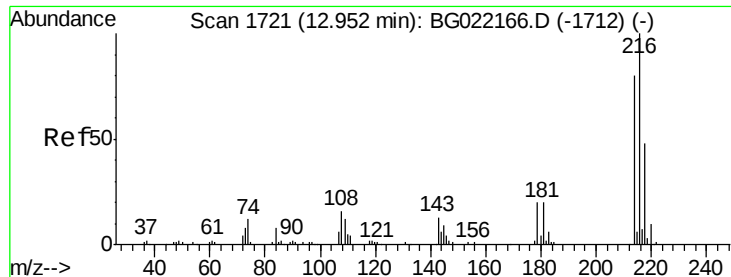
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.68 min Scan# 2016  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.3 | 78.0  | 117.0 |
| 160     | 48.2  | 32.9  | 49.3  |



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





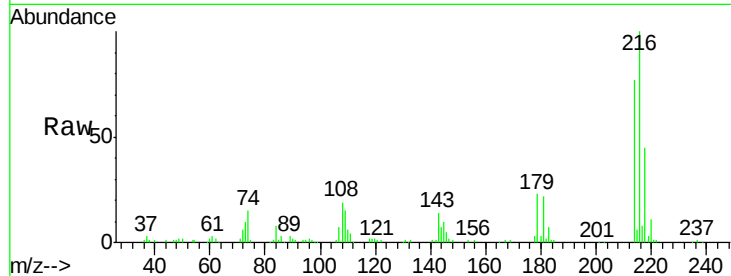
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.93 ng  
 RT: 12.88 min Scan# 1710  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

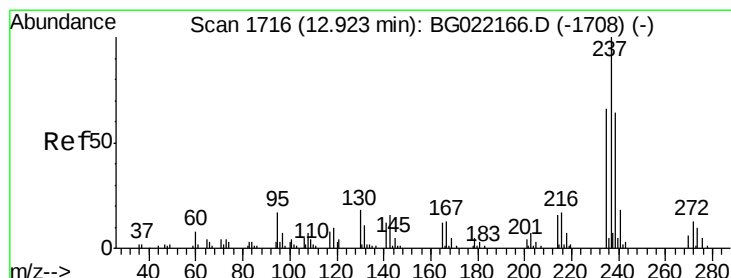
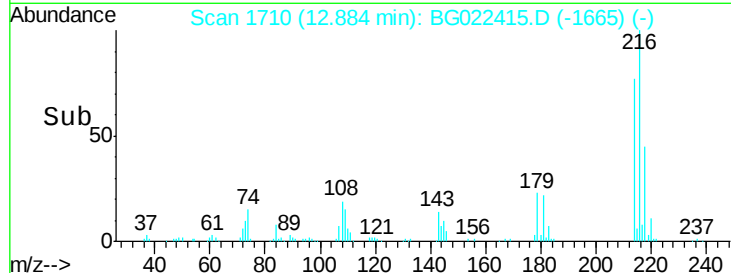
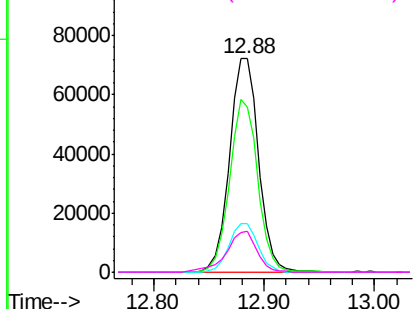
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 133456 |       |       |
| 214     | 78.6 | 62.2  | 93.2   |       |       |
| 179     | 22.8 | 16.7  | 25.1   |       |       |
| 108     | 20.3 | 14.0  | 21.0   |       |       |

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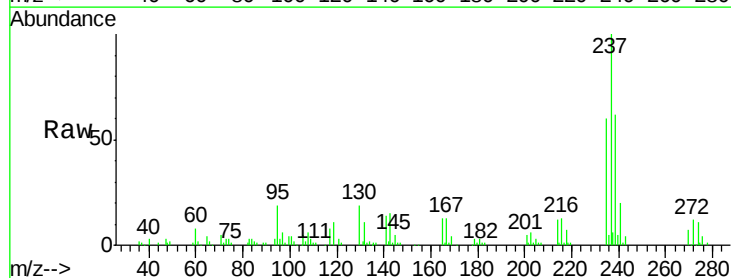


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

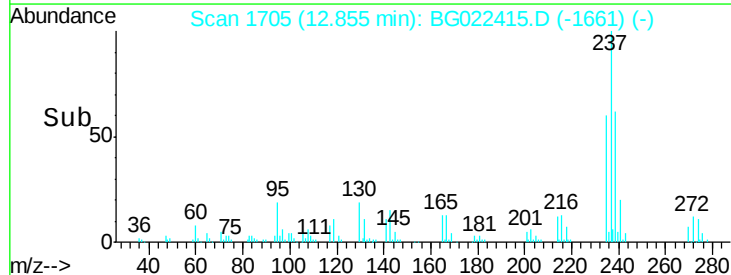
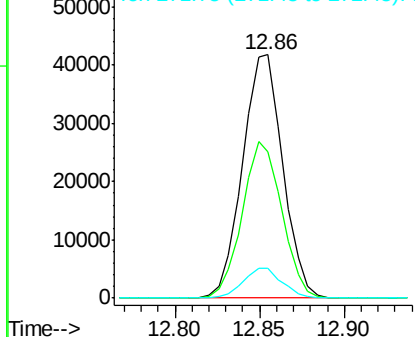


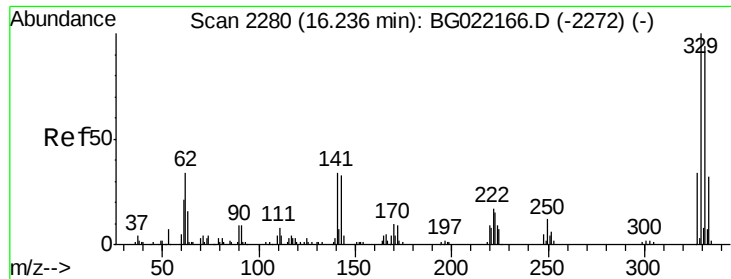
#40  
 Hexachlorocyclopentadiene  
 Concen: 45.08 ng  
 RT: 12.86 min Scan# 1705  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 69253 |       |       |
| 235     | 60.1 | 43.2  | 83.2  |       |       |
| 272     | 12.2 | 0.0   | 33.4  |       |       |



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





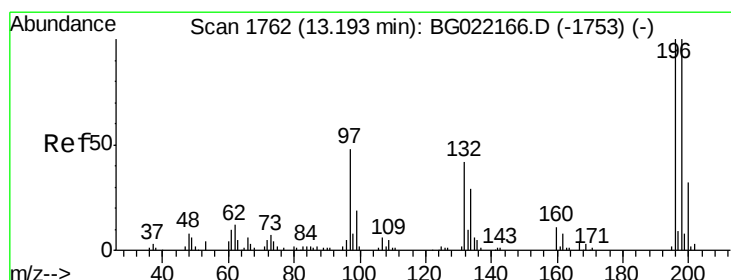
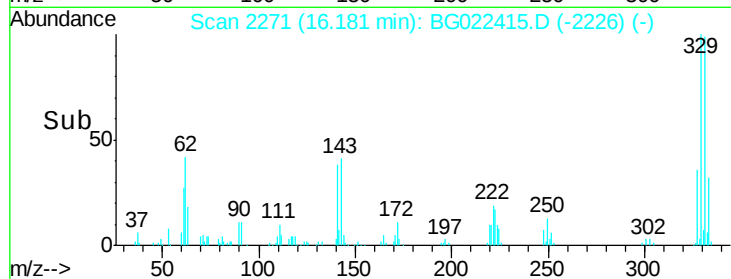
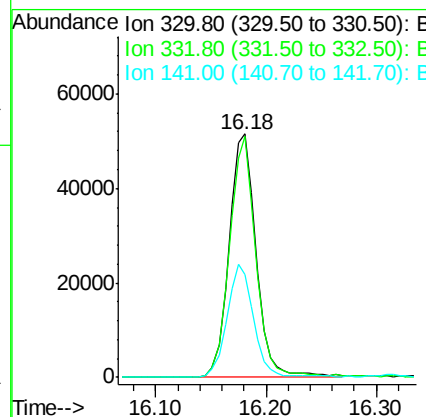
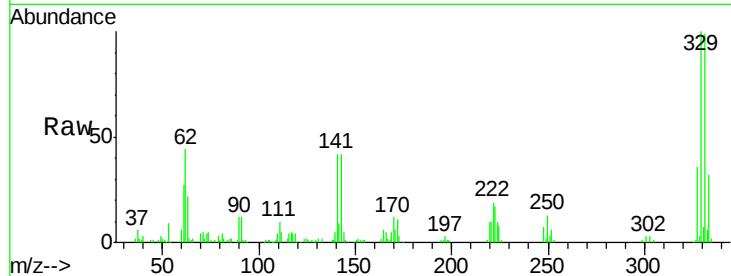
#41  
 2,4,6-Tribromophenol  
 Concen: 63.29 ng  
 RT: 16.18 min Scan# 2271  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.5  | 78.0 | 117.0 |       |
| 141     | 44.9  | 33.8 | 50.8  |       |

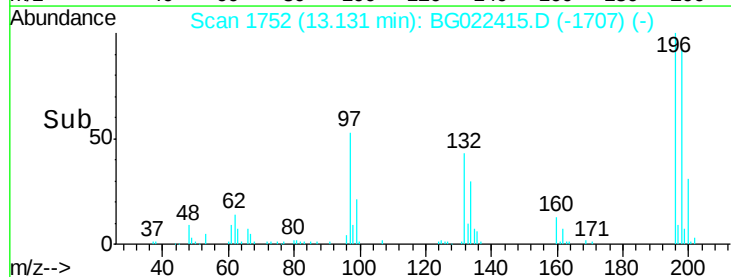
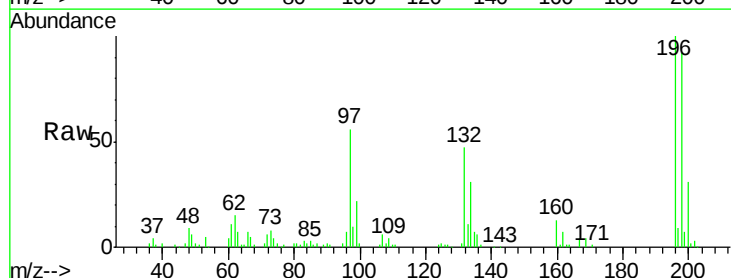
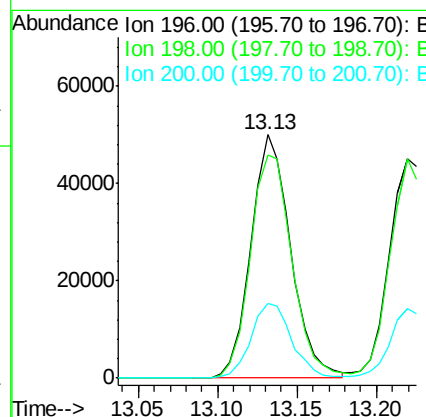
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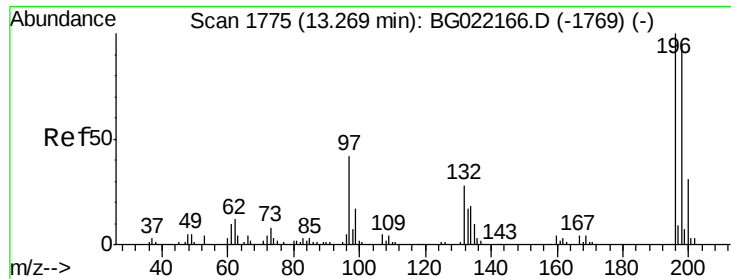
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#42  
 2,4,6-Trichlorophenol  
 Concen: 40.93 ng  
 RT: 13.13 min Scan# 1752  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 91.7  | 80.1 | 120.1 |       |
| 200     | 33.0  | 24.1 | 36.1  |       |





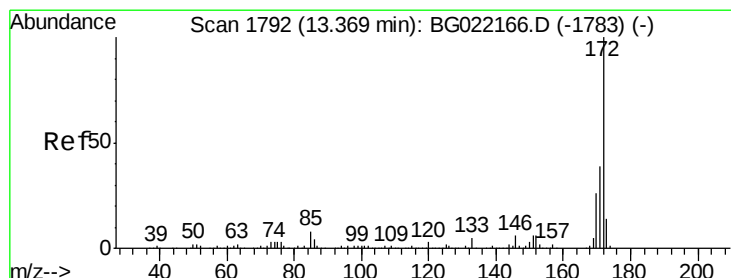
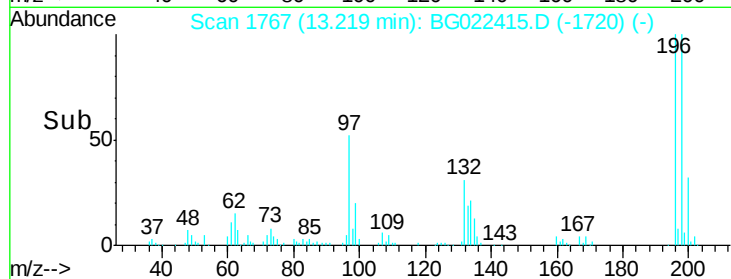
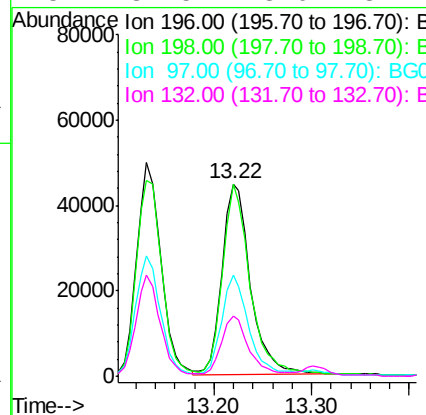
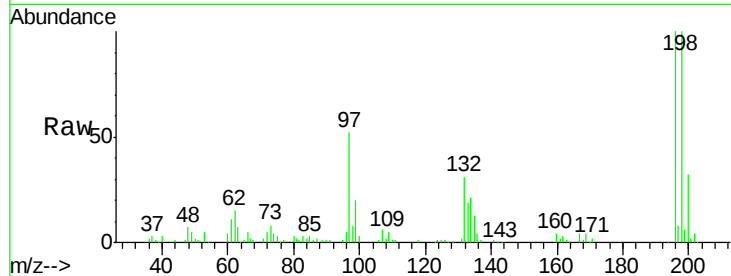
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.69 ng  
 RT: 13.22 min Scan# 1767  
 Delta R.T. -0.02 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 91261 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 100.1 | 78.0  | 117.0 |
| 97        | 52.4  | 43.0  | 64.6  |
| 132       | 31.5  | 23.0  | 34.4  |

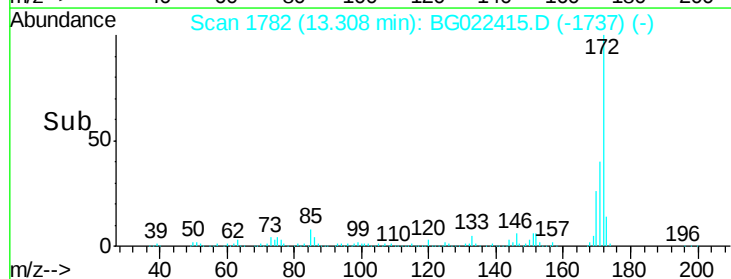
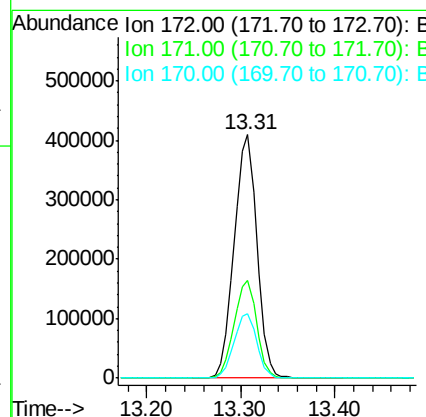
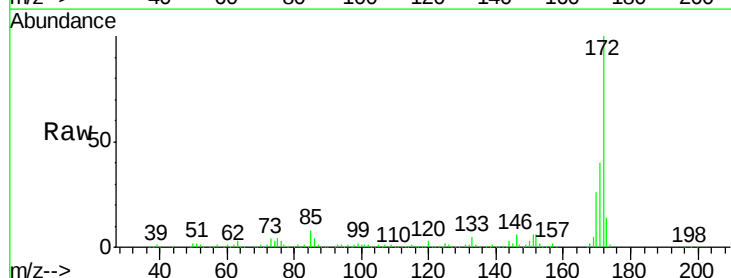
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#44  
 2-Fluorobiphenyl  
 Concen: 85.06 ng  
 RT: 13.31 min Scan# 1782  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 690096 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 40.0  | 27.8  | 41.6   |
| 170       | 26.5  | 19.6  | 29.4   |





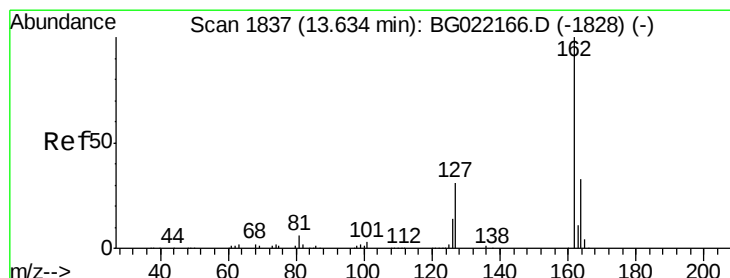
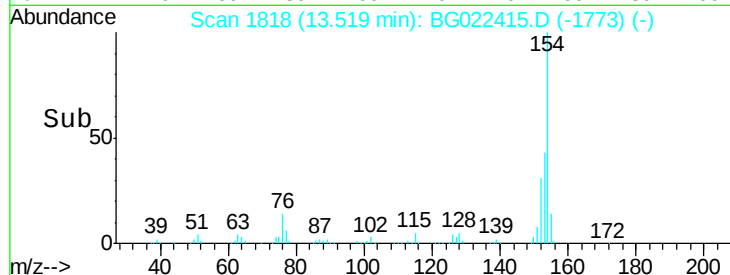
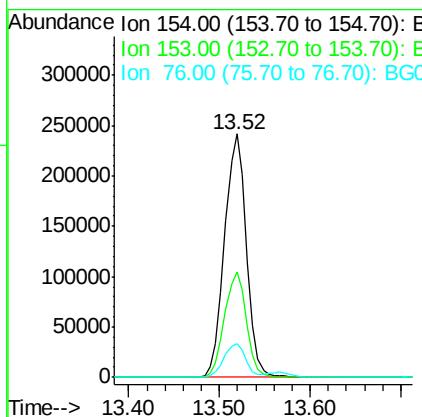
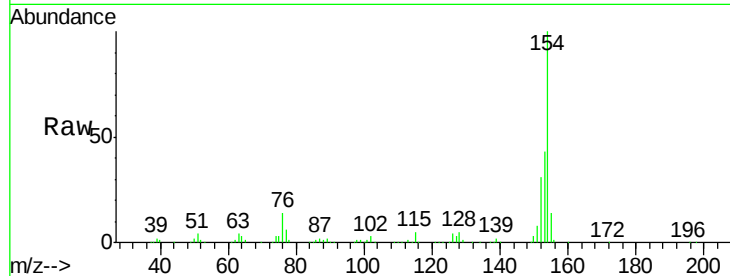
#45  
 1,1'-Biphenyl  
 Concen: 43.48 ng  
 RT: 13.52 min Scan# 1818  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 43.2  | 19.7 | 59.7  |       |
| 76      | 14.0  | 0.0  | 33.0  |       |

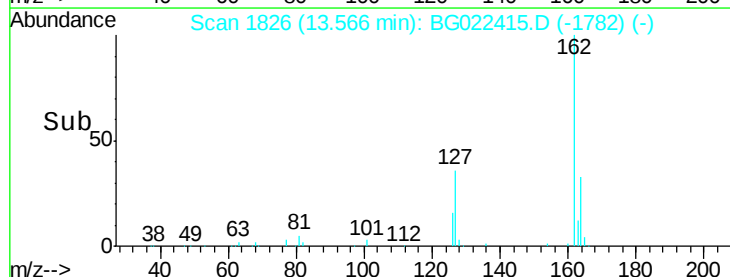
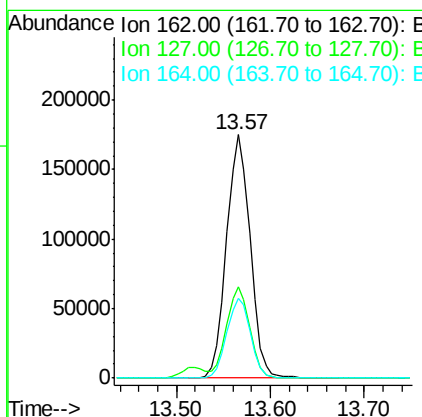
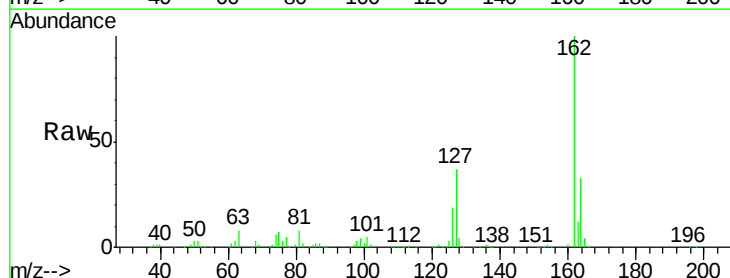
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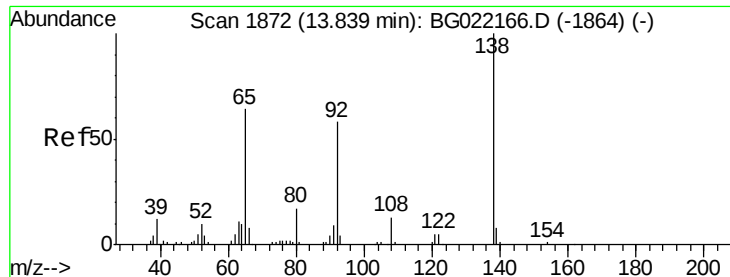
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#46  
 2-Chloronaphthalene  
 Concen: 43.06 ng  
 RT: 13.57 min Scan# 1826  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 37.3  | 32.0 | 48.0  |       |
| 164     | 32.7  | 27.0 | 40.4  |       |





#47

2-Nitroaniline

Concen: 45.20 ng

RT: 13.78 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 76880

Ion Ratio Lower Upper

65 100

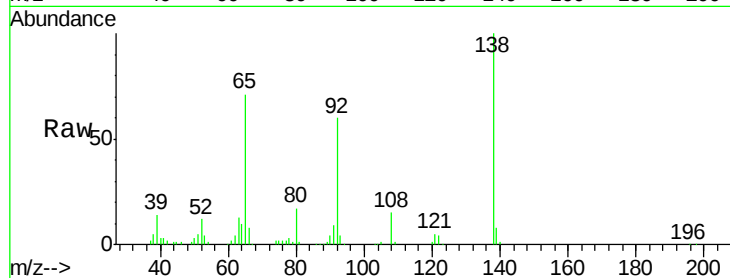
92 84.7 49.2 73.8#

138 141.7 75.0 112.6#

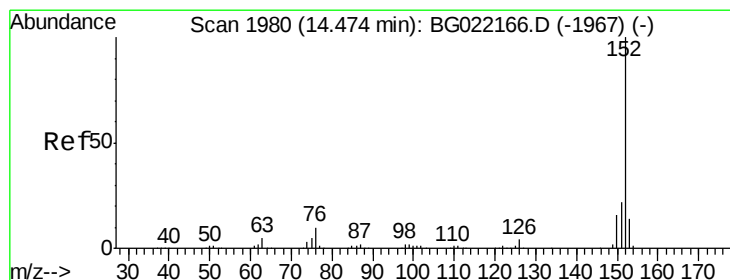
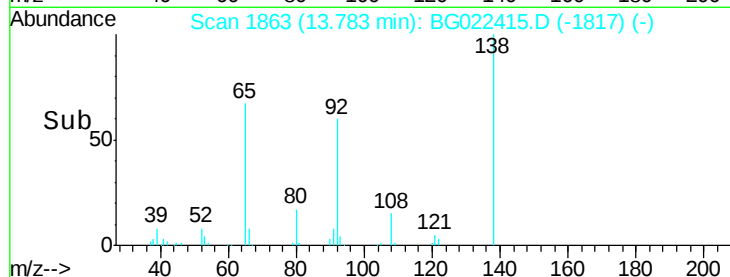
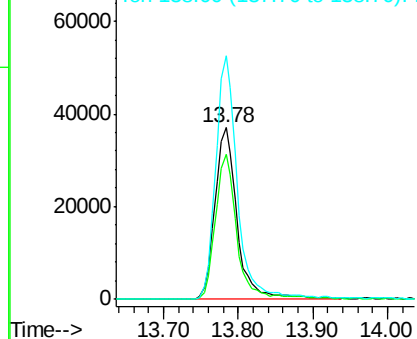
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Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 40.15 ng

RT: 14.41 min Scan# 1970

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

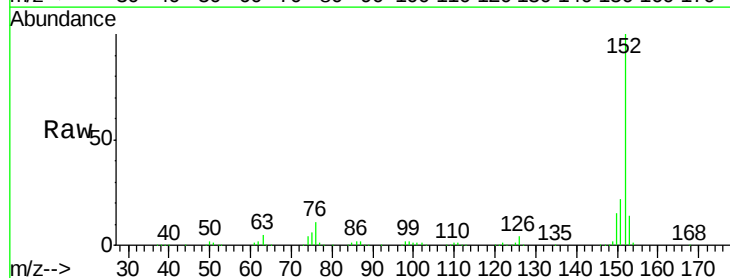
Tgt Ion: 152 Resp: 502450

Ion Ratio Lower Upper

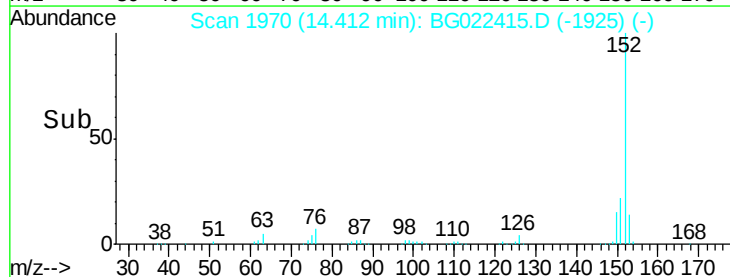
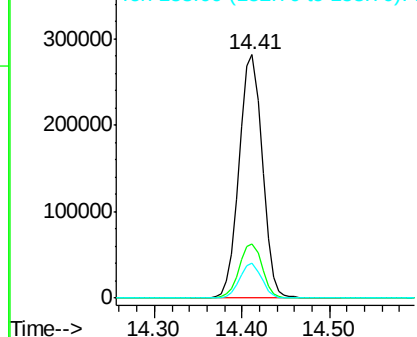
152 100

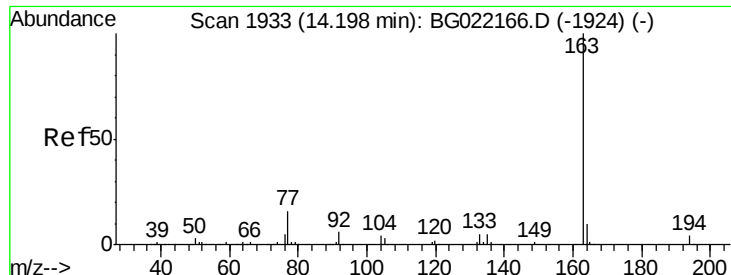
151 22.2 16.6 24.8

153 14.2 10.2 15.2



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





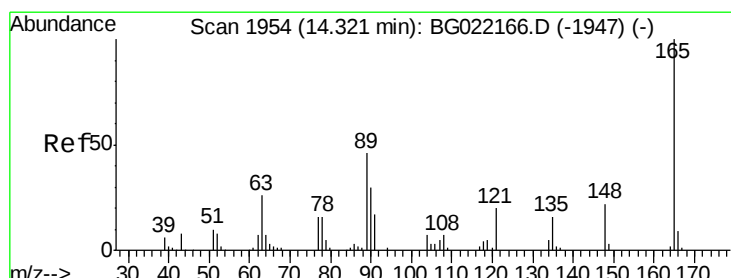
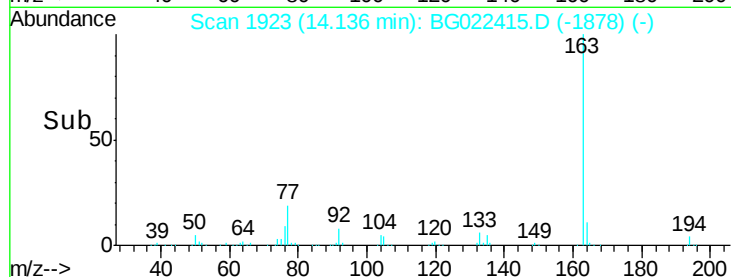
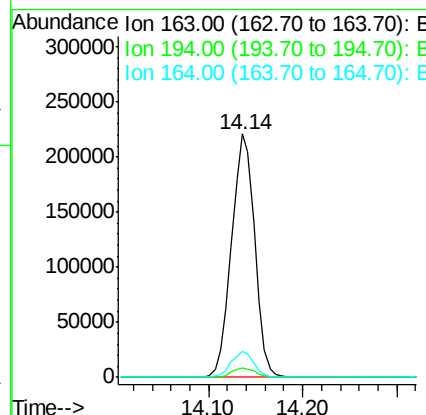
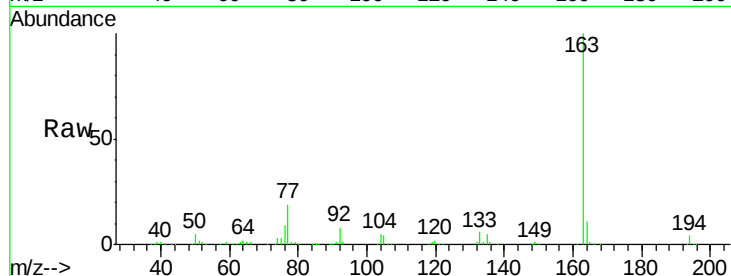
#49  
Dimethylphthalate  
Concen: 36.77 ng  
RT: 14.14 min Scan# 1923  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 376902 |       |       |
| 194     | 3.9   |        | 3.0   | 4.6   |
| 164     | 10.8  |        | 8.1   | 12.1  |

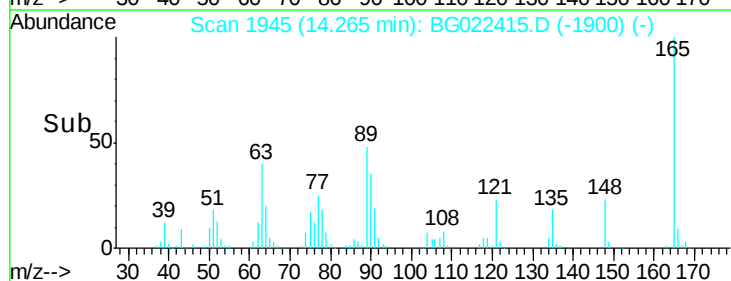
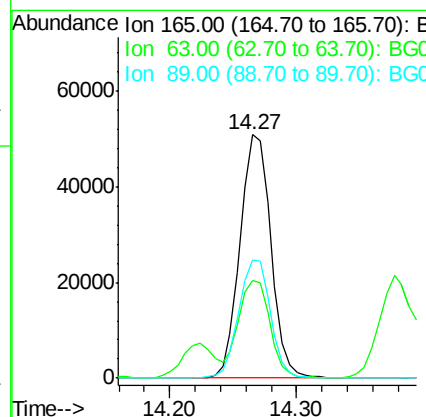
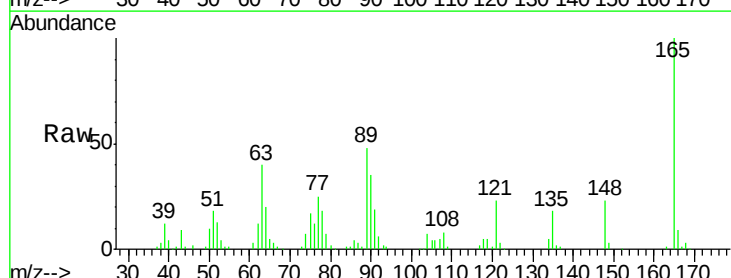
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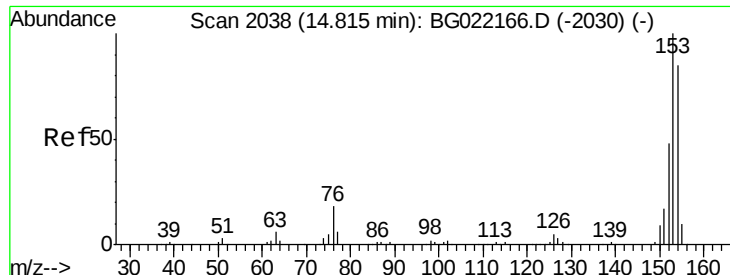
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#50  
2,6-Dinitrotoluene  
Concen: 38.59 ng  
RT: 14.27 min Scan# 1945  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 85999 |       |       |
| 63      | 40.4  |       | 48.2  | 72.4# |
| 89      | 48.3  |       | 45.3  | 67.9  |





#51

Acenaphthene

Concen: 39.84 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

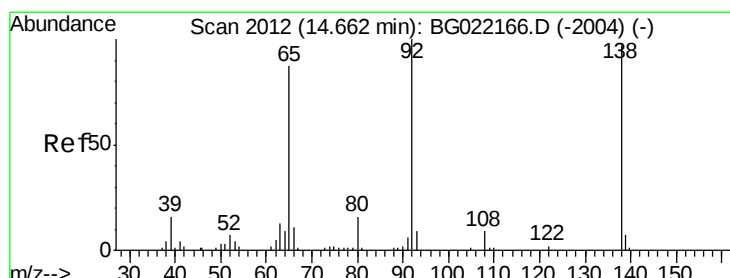
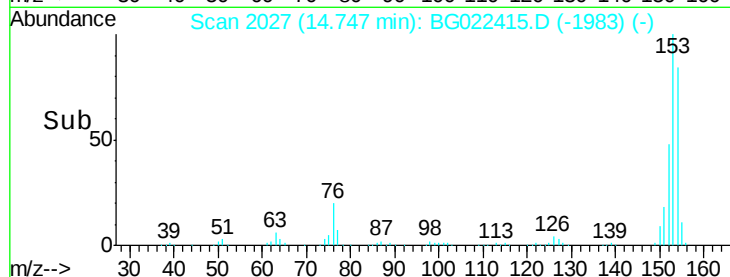
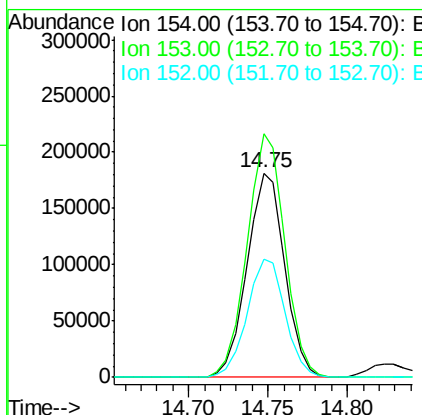
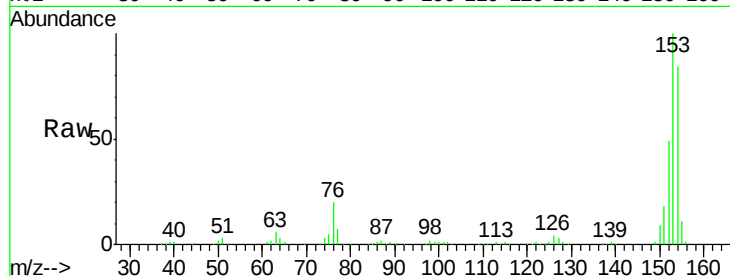
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 298715 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 119.0 | 91.9  | 137.9  |
| 152       | 57.9  | 42.0  | 63.0   |

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#52

3-Nitroaniline

Concen: 34.94 ng

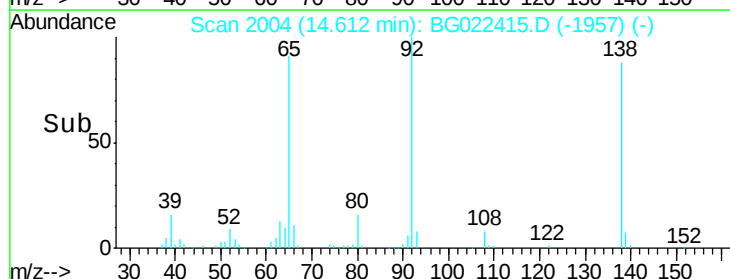
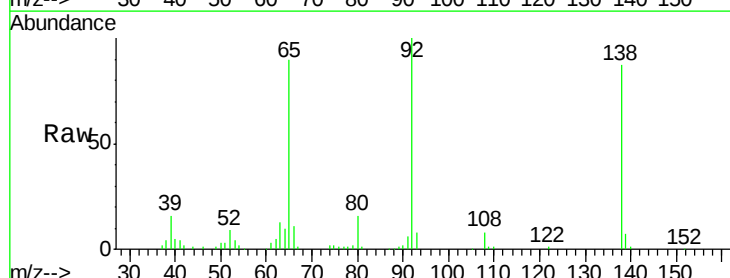
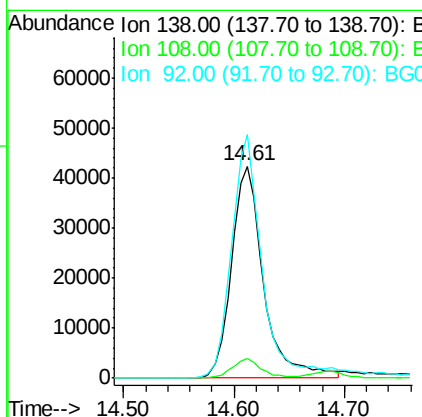
RT: 14.61 min Scan# 2004

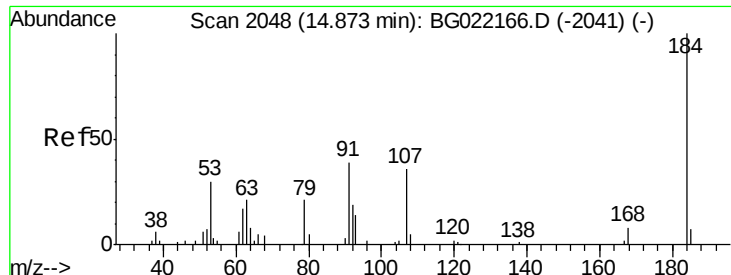
Delta R.T. -0.02 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 86363 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.5   | 9.1   | 13.7  |
| 92        | 114.7 | 102.6 | 154.0 |





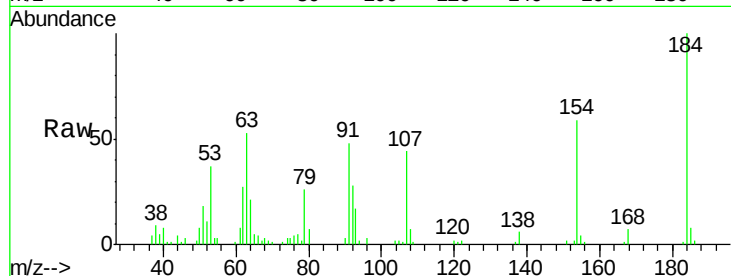
#53  
 2,4-Dinitrophenol  
 Concen: 53.11 ng  
 RT: 14.82 min Scan# 2040  
 Delta R.T. -0.03 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

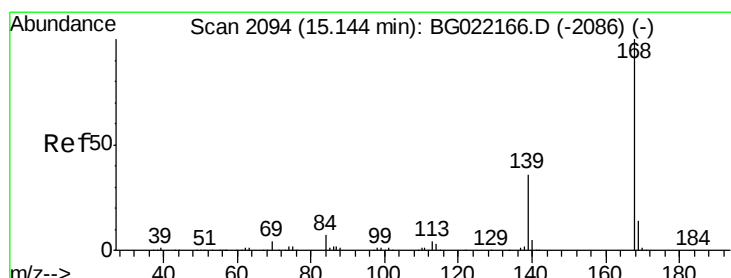
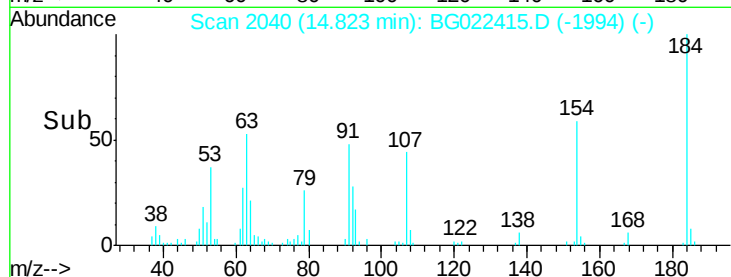
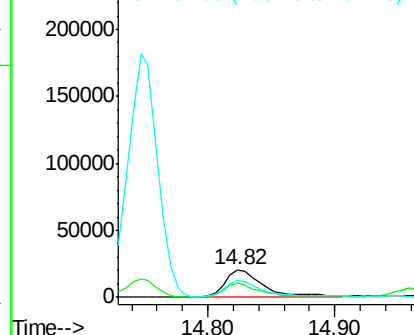
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 44463 |       |       |
| 63      | 52.8  | 57.3  | 85.9  |       |
| 154     | 59.2  | 55.2  | 82.8  |       |

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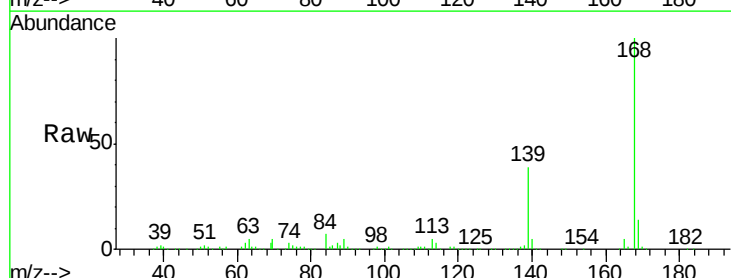


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 154.00 (153.70 to 154.70): E

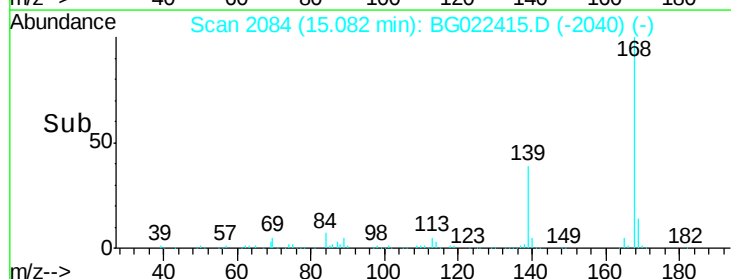
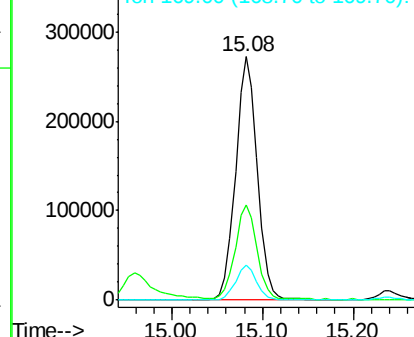


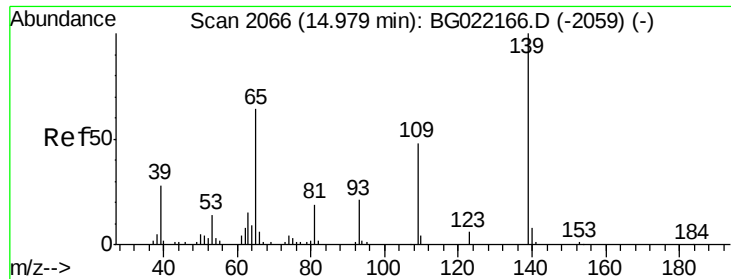
#54  
 Dibenzofuran  
 Concen: 38.78 ng  
 RT: 15.08 min Scan# 2084  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 453791 |       |       |
| 139     | 39.0  | 31.1   | 46.7  |       |
| 169     | 14.1  | 11.0   | 16.6  |       |



Abundance Ion 168.00 (167.70 to 168.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 169.00 (168.70 to 169.70): E





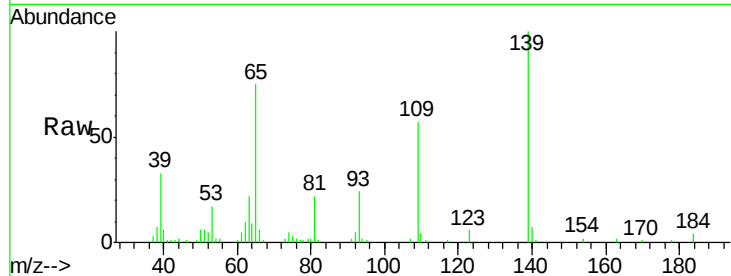
#55  
4-Nitrophenol  
Concen: 42.62 ng  
RT: 14.96 min Scan# 2063  
Delta R.T. -0.00 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 72701 |       |       |
| 109     | 57.3  | 49.2  | 89.2  |       |
| 65      | 75.4  | 83.2  | 123.2 |       |

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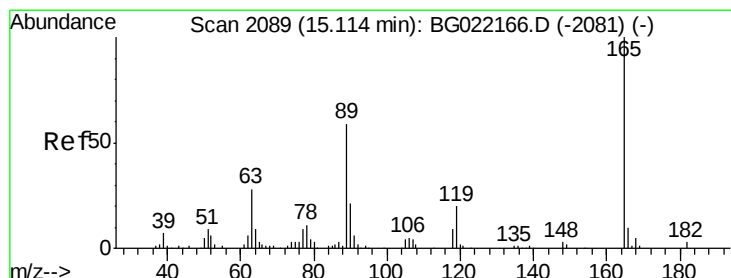
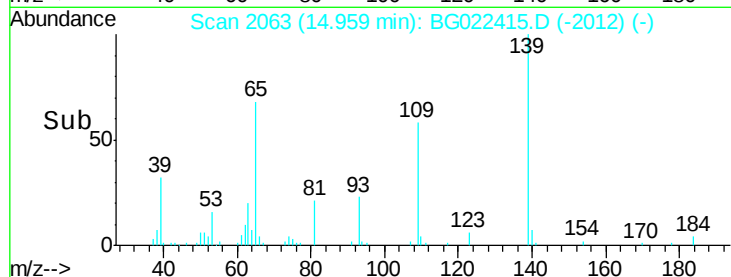
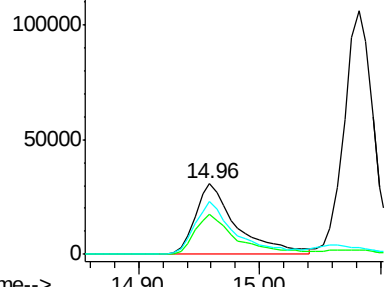


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56  
2,4-Dinitrotoluene  
Concen: 38.17 ng  
RT: 15.06 min Scan# 2080  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 114102 |       |       |
| 63      | 34.0  | 37.4   | 56.0  |       |
| 89      | 67.5  | 59.4   | 89.0  |       |
| 182     | 2.4   | 2.1    | 3.1   |       |

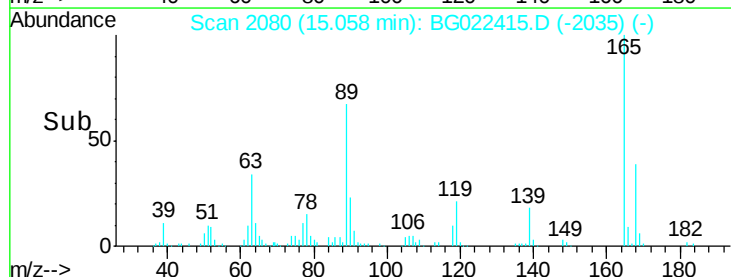
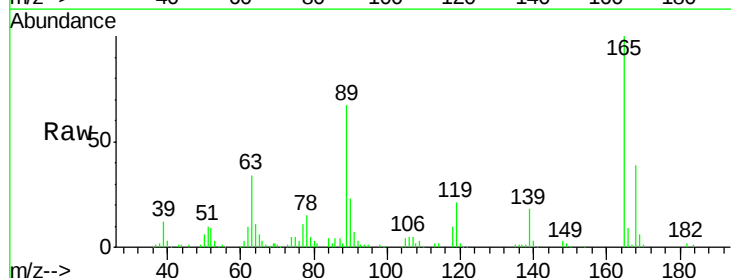
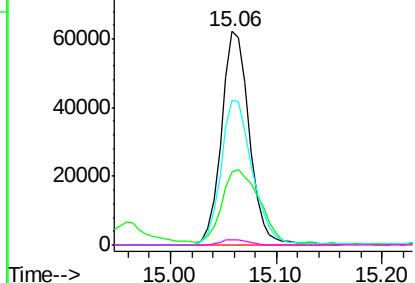
Abundance

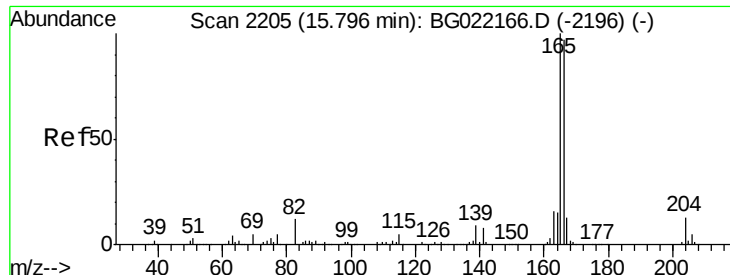
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.81 ng

RT: 15.73 min Scan# 2194

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

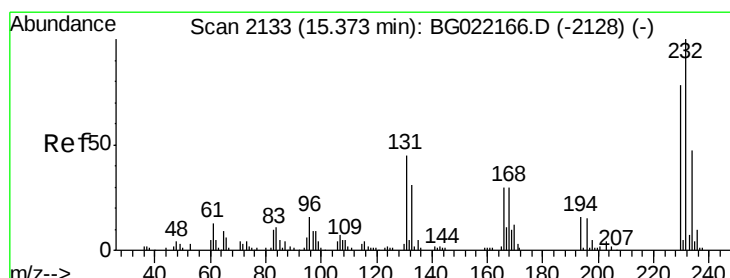
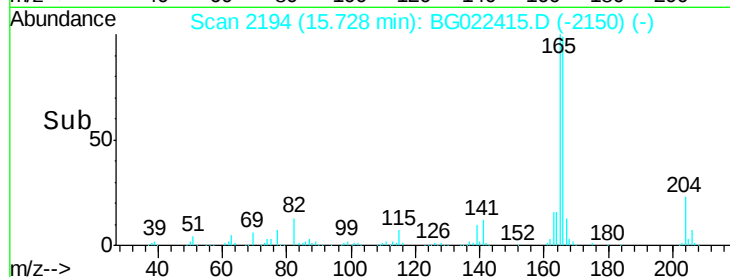
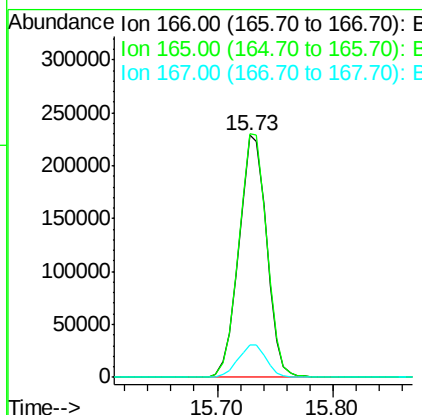
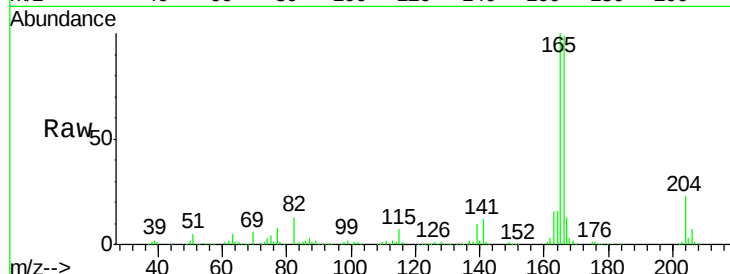
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 381144 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 100.6 | 79.0  | 118.4  |
| 167       | 13.5  | 10.7  | 16.1   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 34.62 ng

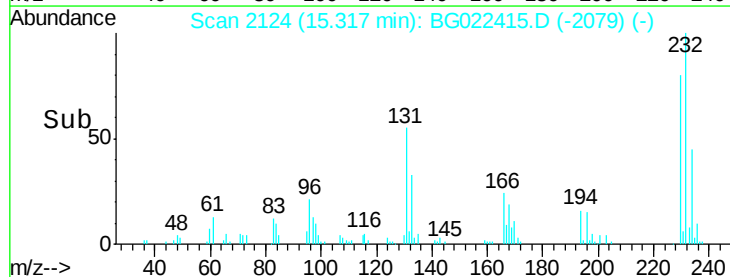
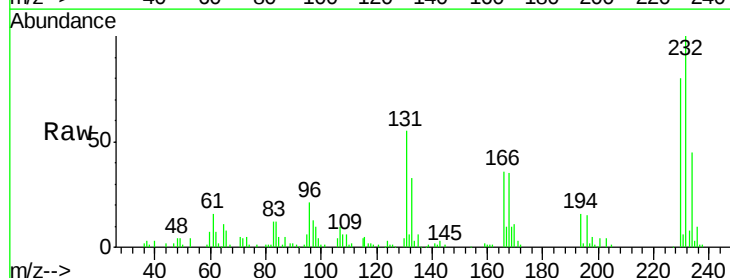
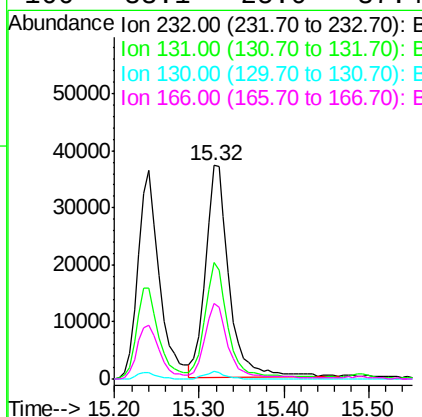
RT: 15.32 min Scan# 2124

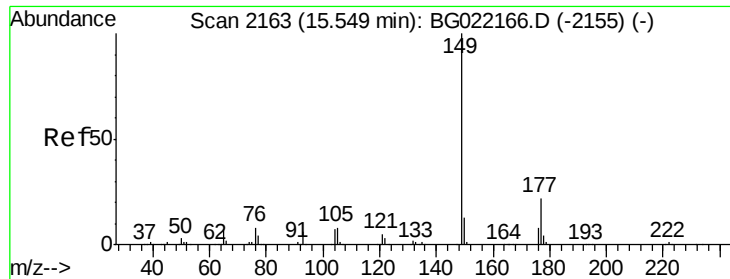
Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 73248 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 52.0  | 36.3  | 54.5  |
| 130       | 2.8   | 1.9   | 2.9   |
| 166       | 33.1  | 25.0  | 37.4  |





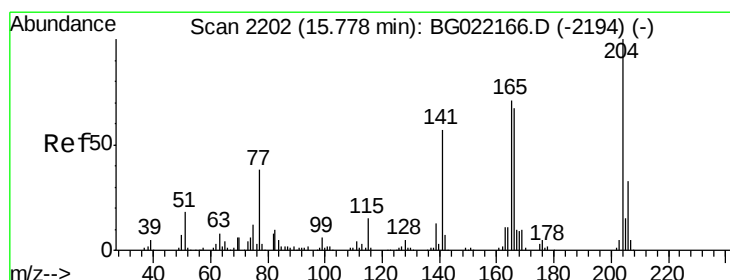
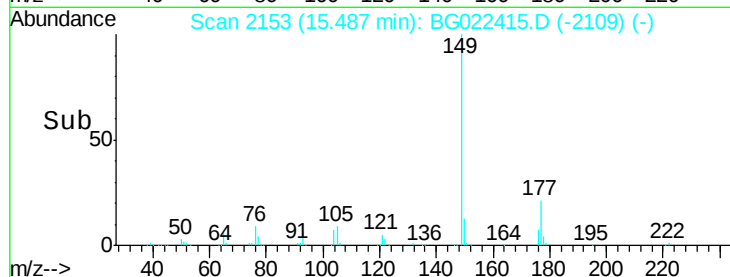
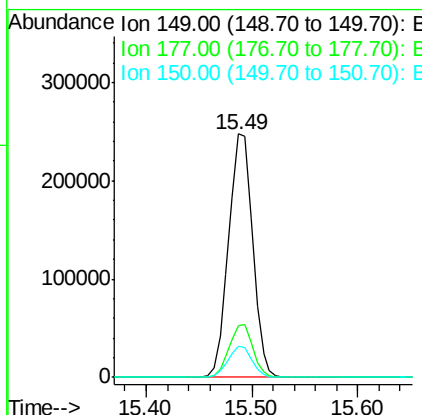
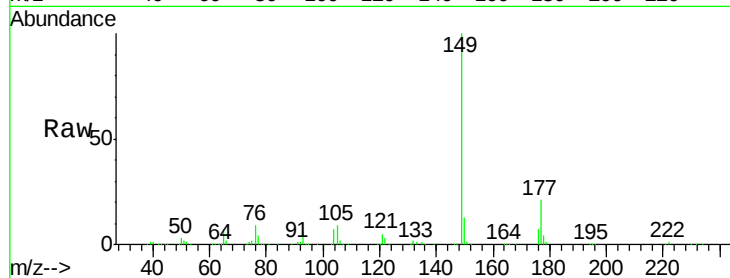
#59  
Diethylphthalate  
Concen: 35.49 ng  
RT: 15.49 min Scan# 2153  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 388680 |       |       |
| 177     | 21.0  | 17.3   | 25.9  |       |
| 150     | 12.6  | 9.7    | 14.5  |       |

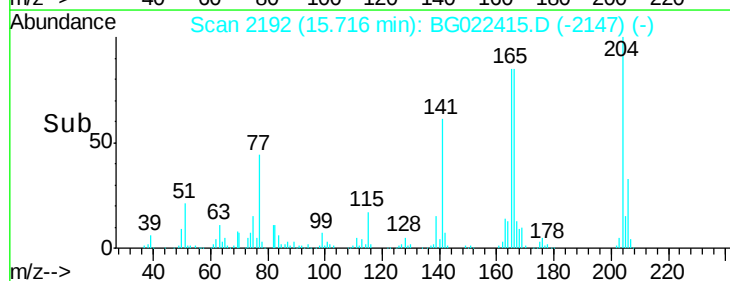
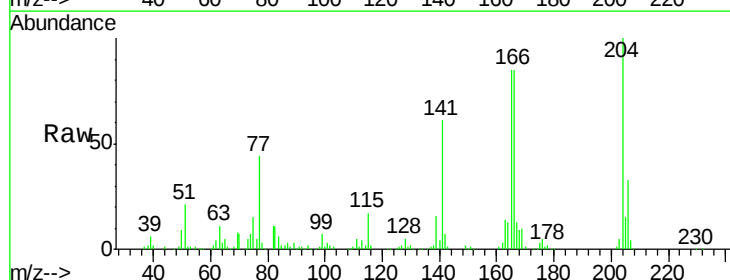
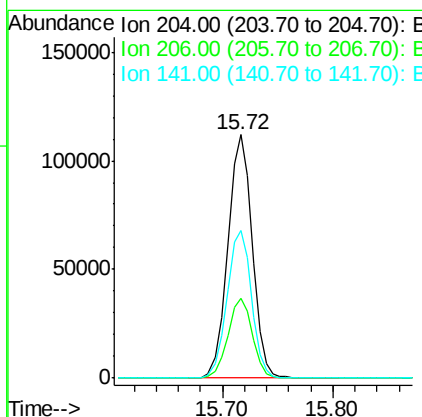
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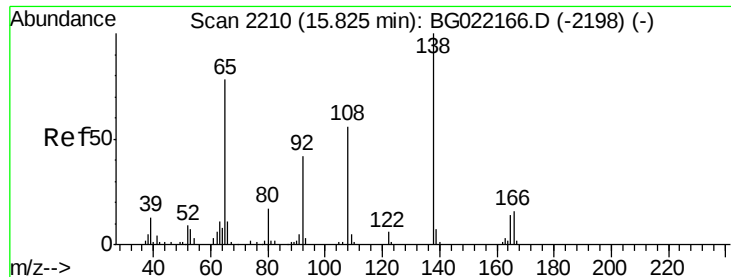
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#60  
4-Chlorophenyl-phenylether  
Concen: 37.95 ng  
RT: 15.72 min Scan# 2192  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 173252 |       |       |
| 206     | 32.6  | 27.8   | 41.8  |       |
| 141     | 60.7  | 51.0   | 76.4  |       |





#61

4-Nitroaniline

Concen: 31.09 ng/mL

RT: 15.78 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

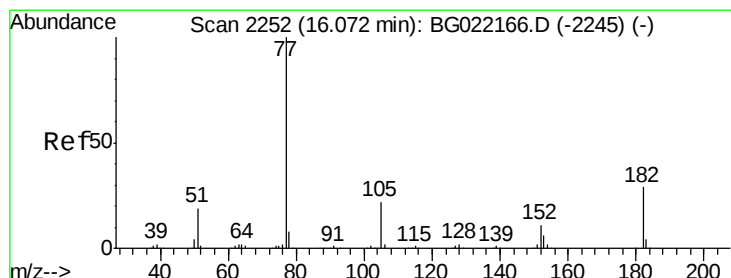
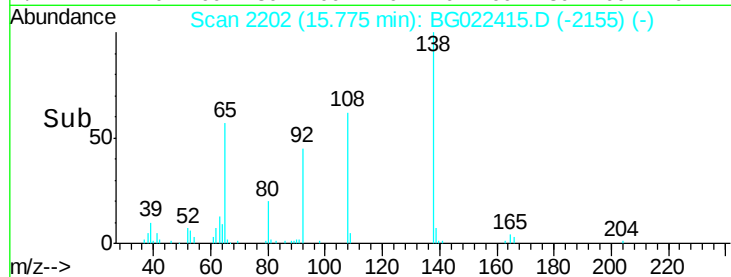
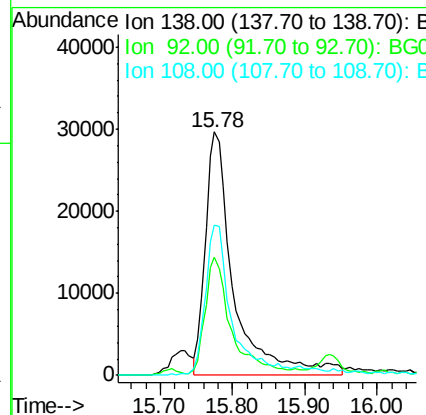
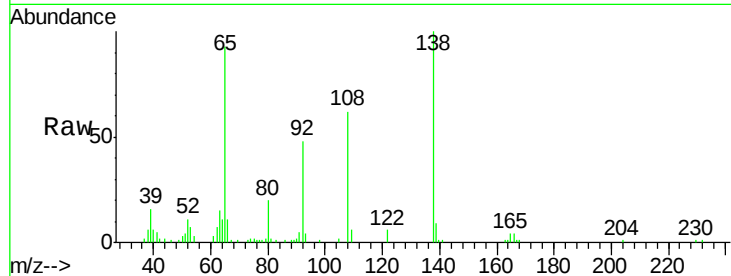
ClientSampled :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 138   | Resp: | 81508 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 48.3  | 37.7  | 77.7  |
| 108       | 61.9  | 59.4  | 99.4  |

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#62

Azobenzene

Concen: 41.71 ng/mL

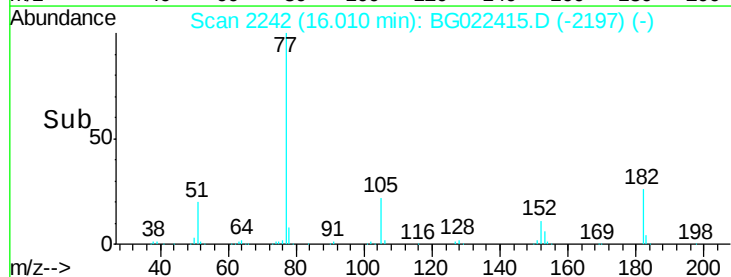
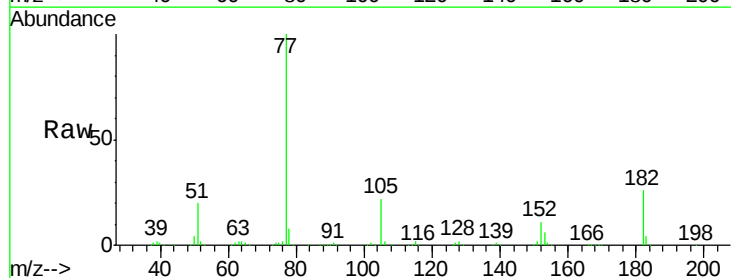
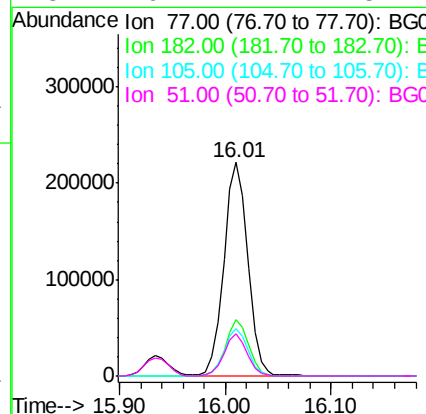
RT: 16.01 min Scan# 2242

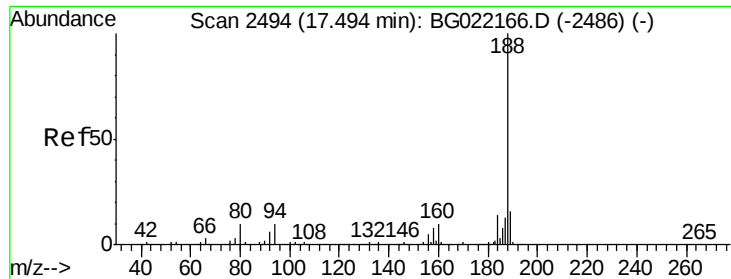
Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 345917 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 26.1  | 4.1   | 44.1   |
| 105       | 22.2  | 0.0   | 39.8   |
| 51        | 20.1  | 11.1  | 51.1   |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2483

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

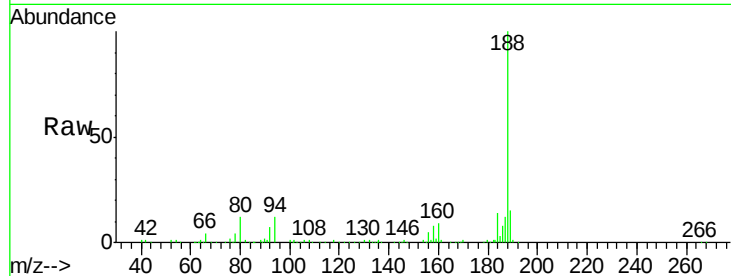
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 244613 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 11.6  | 7.5   | 11.3#  |
| 80        | 12.3  | 8.6   | 13.0   |

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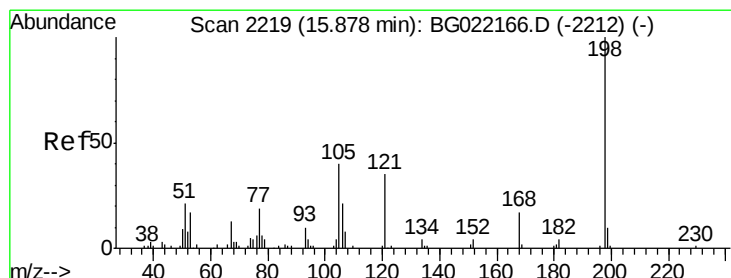
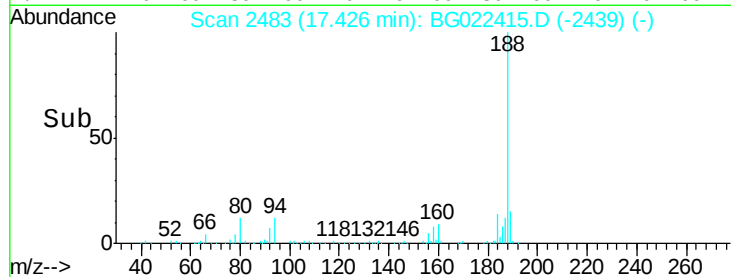
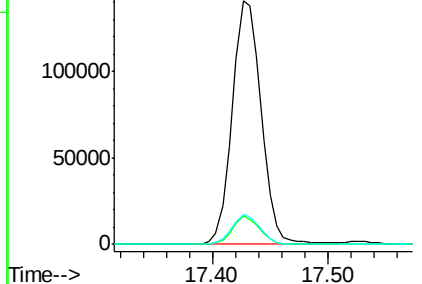
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 41.90 ng

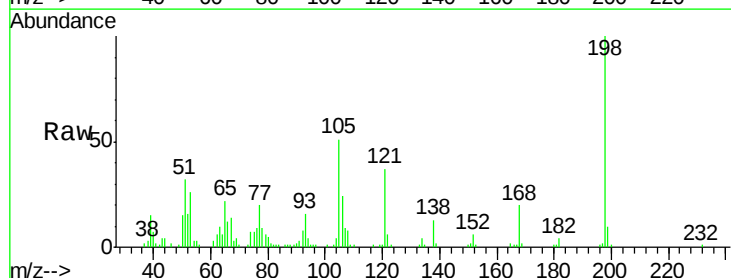
RT: 15.83 min Scan# 2211

Delta R.T. -0.03 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

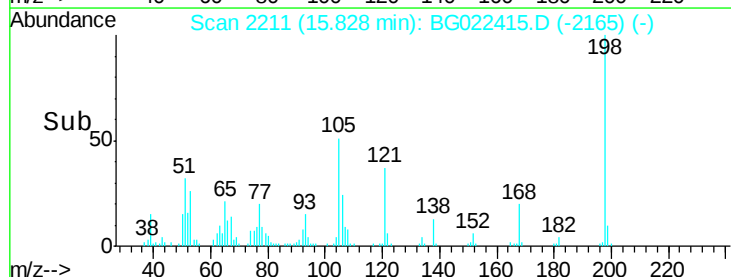
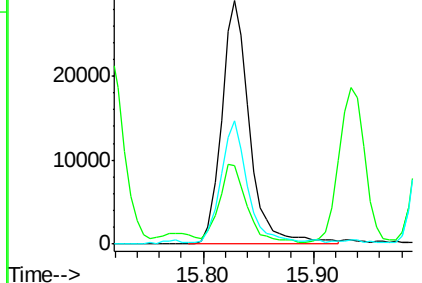
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 50989 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 32.0  | 29.2  | 69.2  |
| 105       | 50.5  | 24.0  | 64.0  |

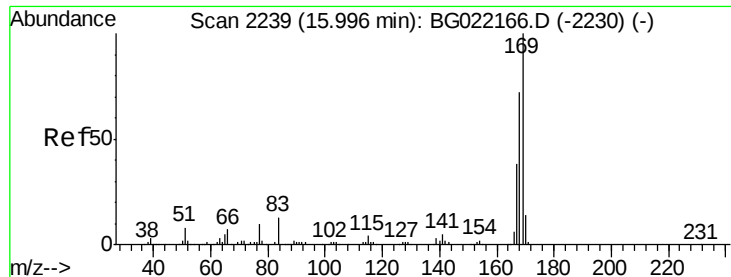


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.05 ng

RT: 15.93 min Scan# 2229

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

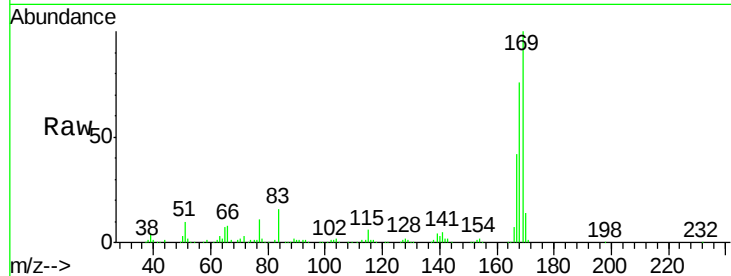
ClientSampleId :

SSTDCCC040

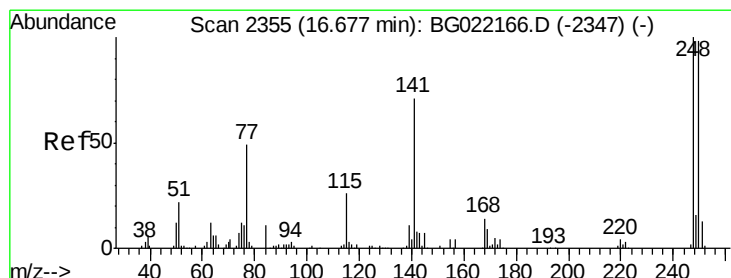
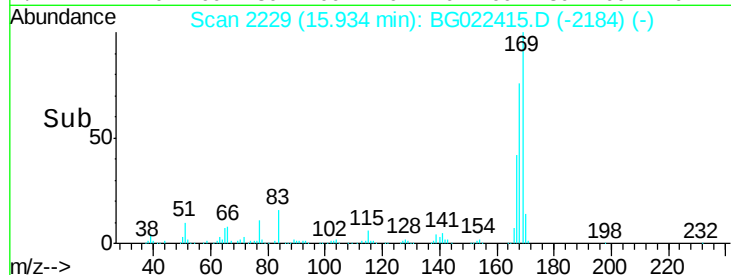
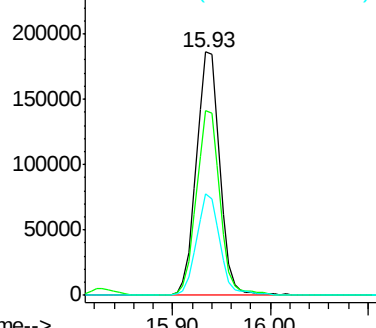
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 310435 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 76.0  | 59.6  | 89.4   |
| 167       | 41.9  | 31.2  | 46.8   |

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



#66

4-Bromophenyl-phenylether

Concen: 42.02 ng

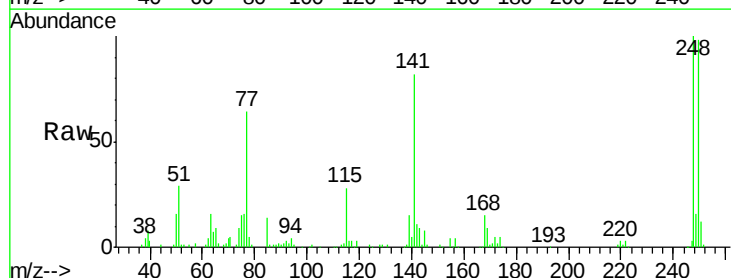
RT: 16.61 min Scan# 2344

Delta R.T. -0.04 min

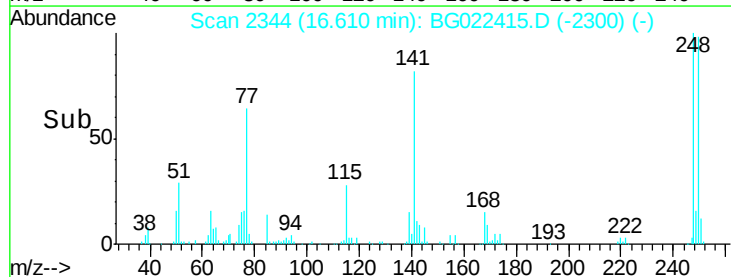
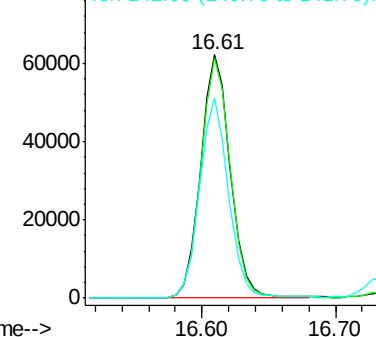
Lab File: BG022415.D

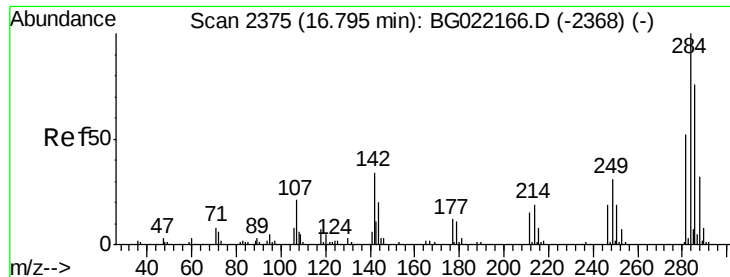
Acq: 18 Jun 2016 9:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 96303 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 98.4  | 76.6  | 114.8 |
| 141       | 82.4  | 63.8  | 95.6  |



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





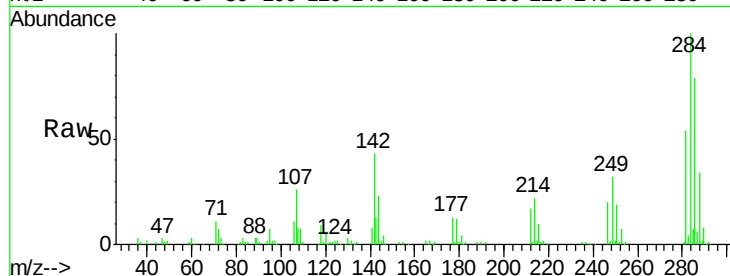
#67  
Hexachlorobenzene  
Concen: 38.47 ng  
RT: 16.73 min Scan# 2365  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

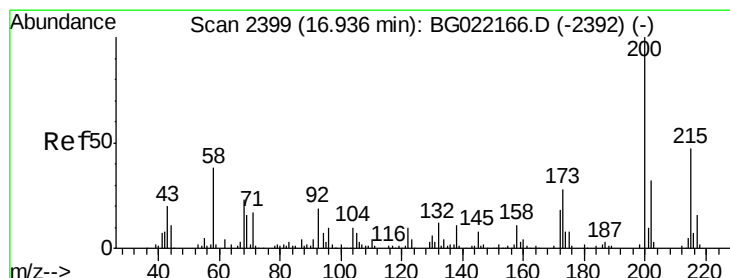
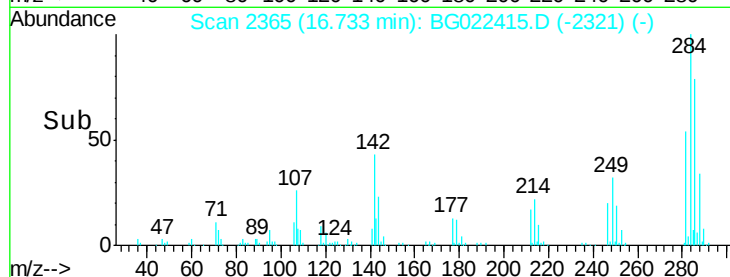
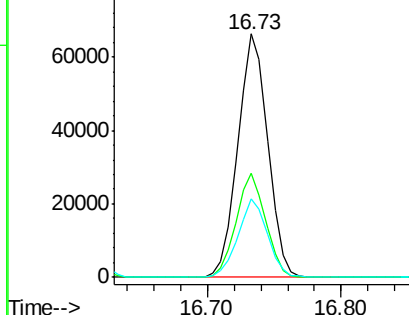
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 102778 |       |       |
| 142     | 42.6  |        | 31.8  | 47.6  |
| 249     | 34.4  |        | 27.3  | 40.9  |

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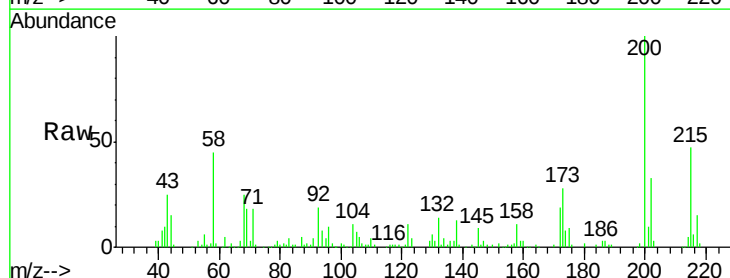


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

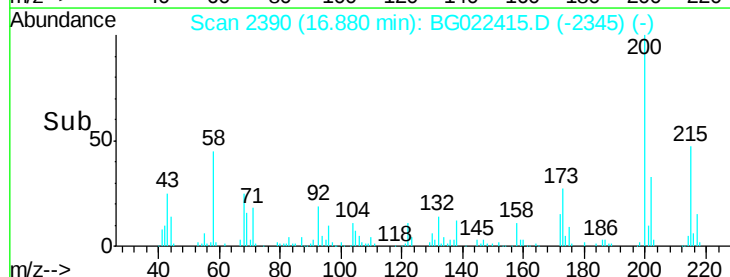
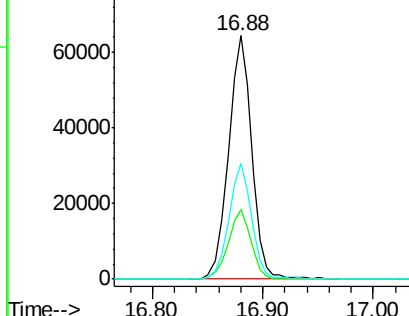


#68  
Atrazine  
Concen: 36.30 ng  
RT: 16.88 min Scan# 2390  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 94678 |       |       |
| 173     | 28.5  |       | 5.1   | 45.1  |
| 215     | 47.5  |       | 28.0  | 68.0  |



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





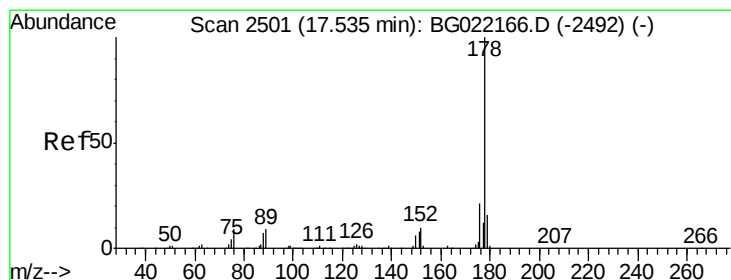
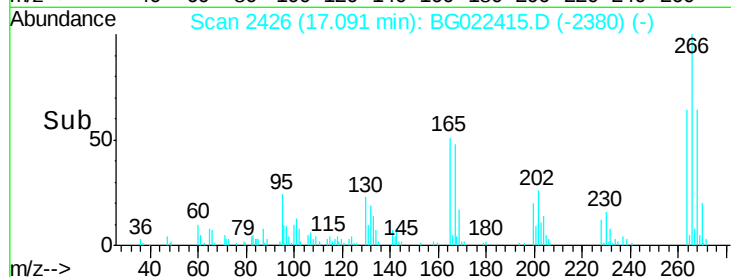
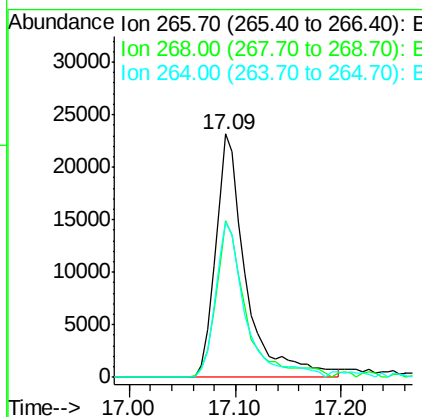
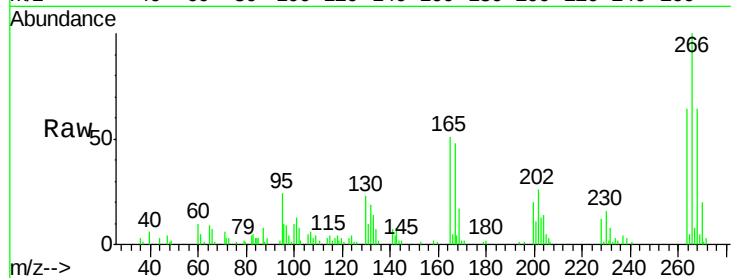
#69  
 Pentachlorophenol  
 Concen: 41.91 ng  
 RT: 17.09 min Scan# 2426  
 Delta R.T. -0.03 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 46493 |       |       |
| 268     | 69.6  | 54.5  | 81.7  |       |
| 264     | 63.8  | 53.8  | 80.6  |       |

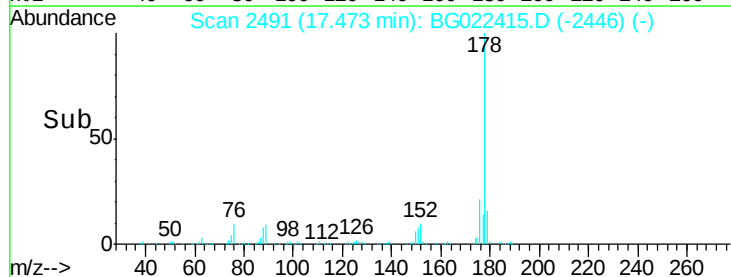
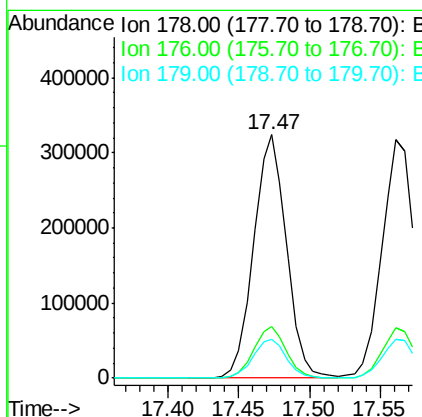
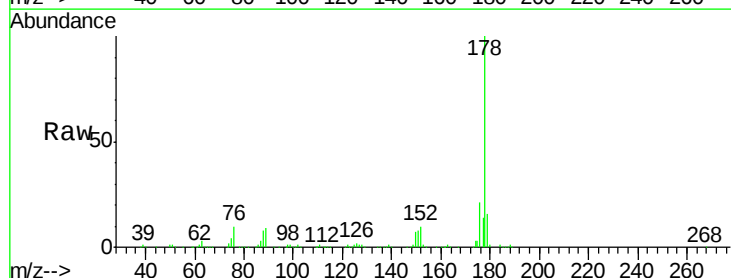
Manual Integrations  
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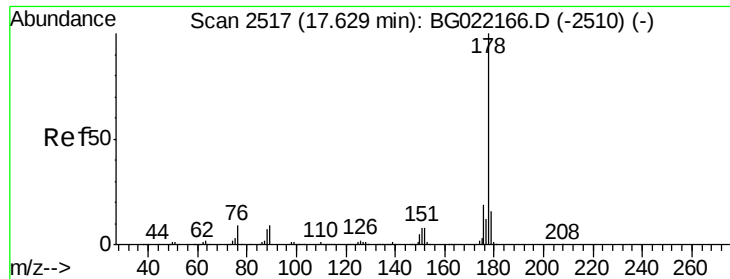
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#70  
 Phenanthrene  
 Concen: 39.86 ng  
 RT: 17.47 min Scan# 2491  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 529627 |       |       |
| 176     | 21.4  | 16.2   | 24.4  |       |
| 179     | 15.9  | 12.0   | 18.0  |       |





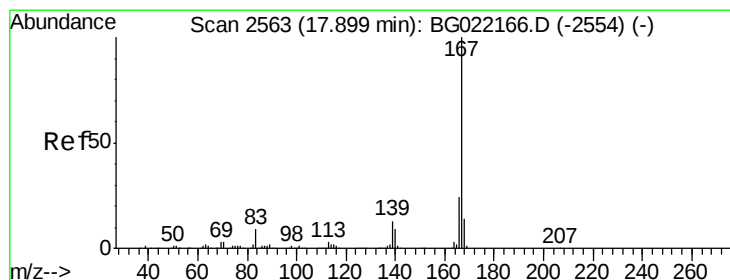
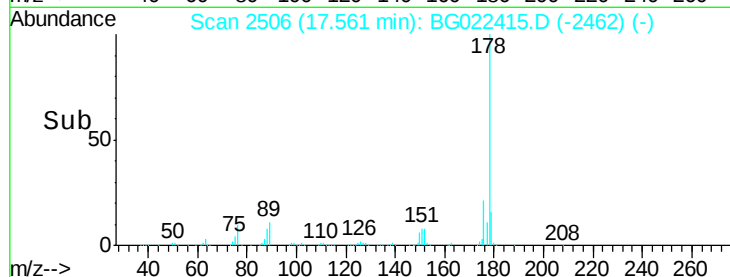
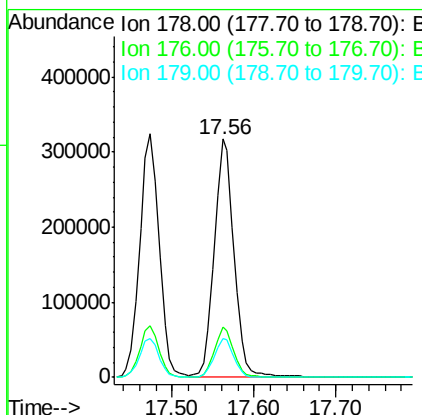
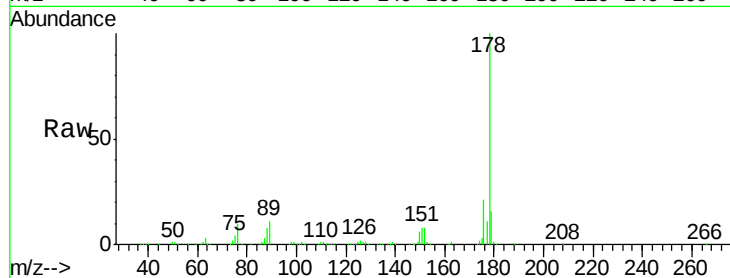
#71  
 Anthracene  
 Concen: 40.44 ng  
 RT: 17.56 min Scan# 2506  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.1  | 15.0  | 22.4  |
| 179     | 16.2  | 12.2  | 18.4  |

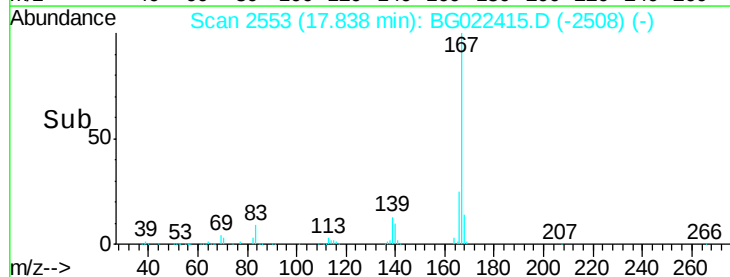
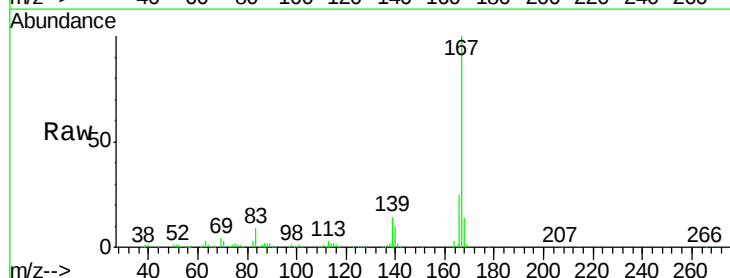
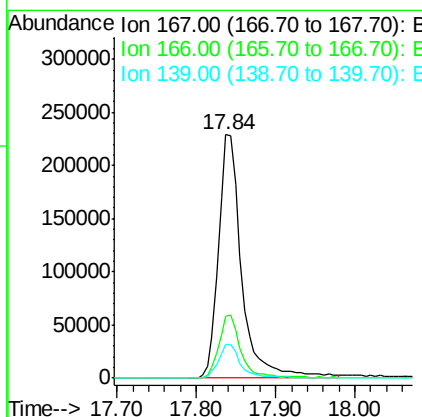
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#72  
 Carbazole  
 Concen: 37.32 ng  
 RT: 17.84 min Scan# 2553  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 25.3  | 18.6  | 27.8  |
| 139     | 13.9  | 10.6  | 15.8  |





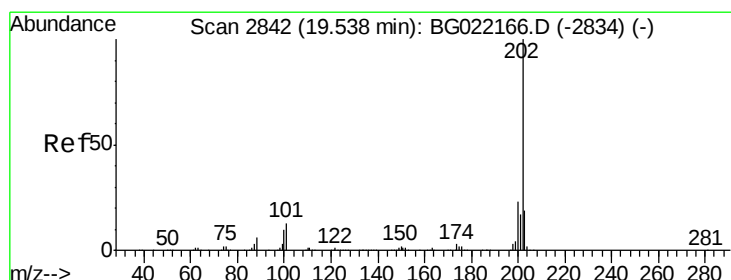
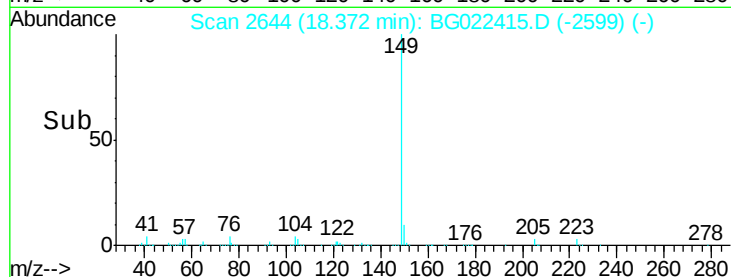
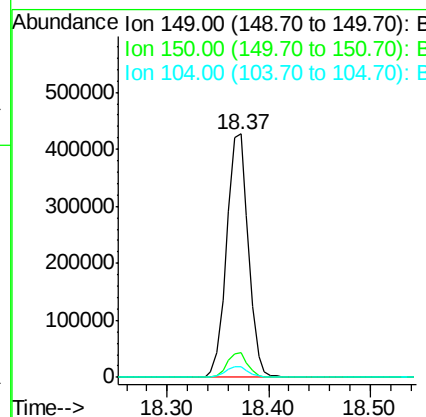
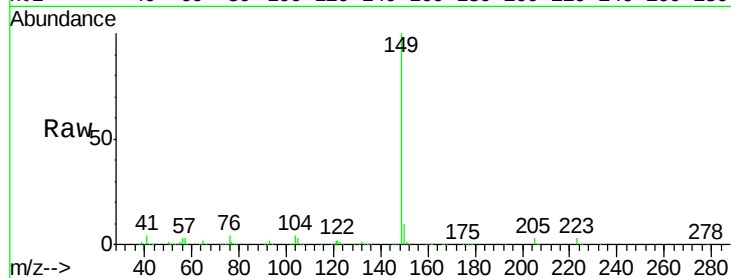
#73  
Di-n-butylphthalate  
Concen: 38.84 ng  
RT: 18.37 min Scan# 2644  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 150     | 10.0  | 7.4        | 11.0  |
| 104     | 4.4   | 4.0        | 6.0   |

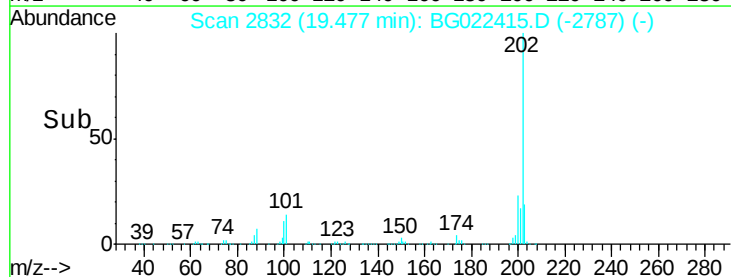
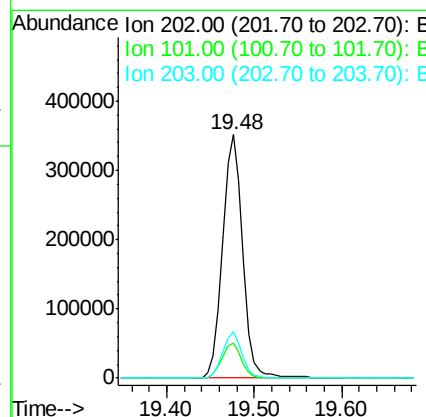
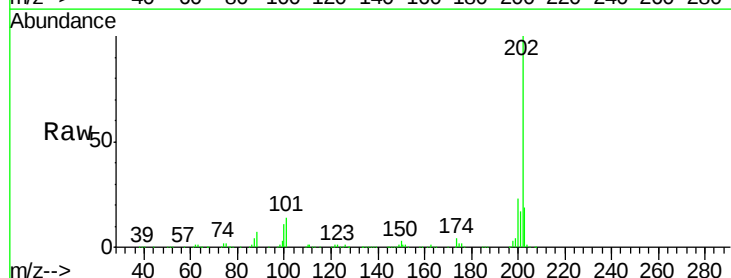
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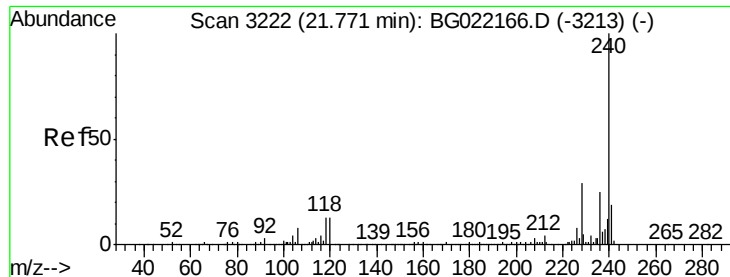
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#74  
Fluoranthene  
Concen: 36.70 ng  
RT: 19.48 min Scan# 2832  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 14.2  | 0.0        | 31.0  |
| 203     | 18.8  | 0.0        | 37.9  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

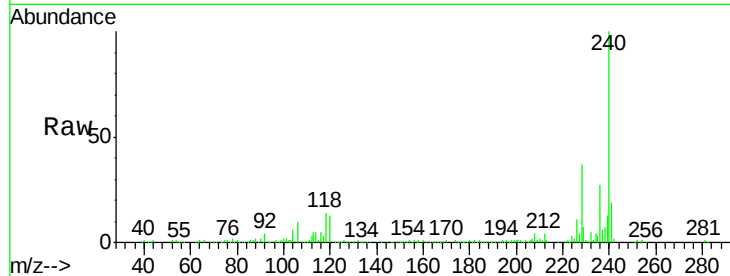
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 13.3  | 8.4        | 12.6# |
| 236     | 26.8  | 19.6       | 29.4  |

Manual Integrations  
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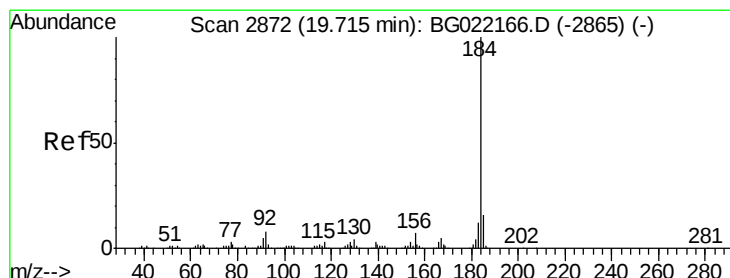
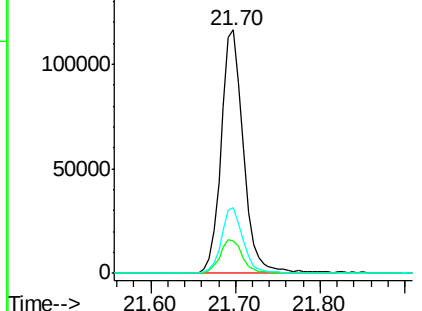
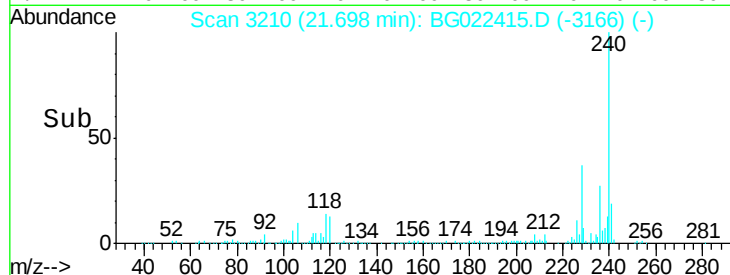
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.87 ng

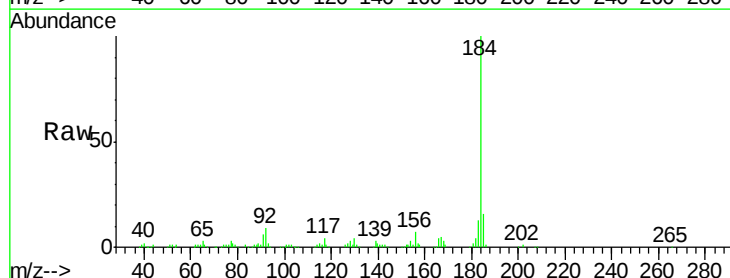
RT: 19.66 min Scan# 2863

Delta R.T. -0.03 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

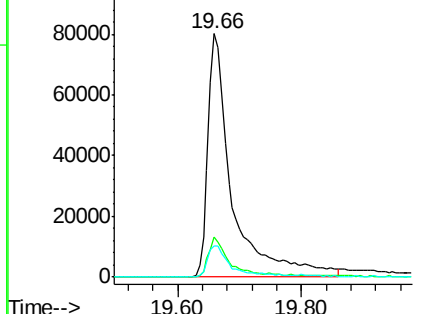
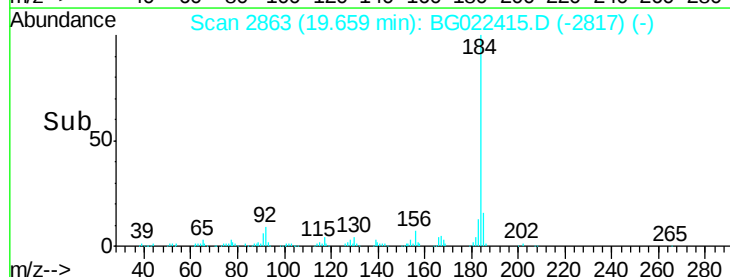
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 184     | 100   |            |       |
| 185     | 16.4  | 11.5       | 17.3  |
| 183     | 12.9  | 10.2       | 15.4  |

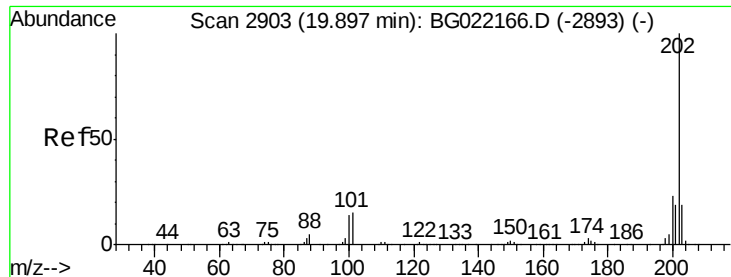


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.03 ng

RT: 19.84 min Scan# 2894

Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

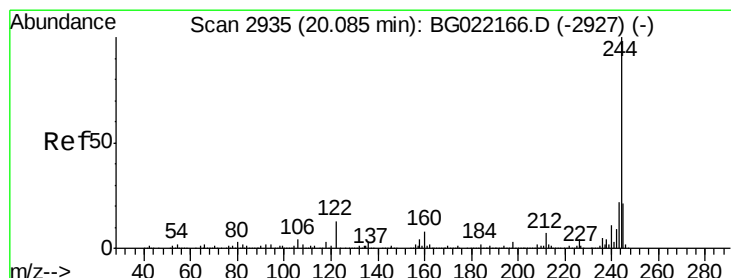
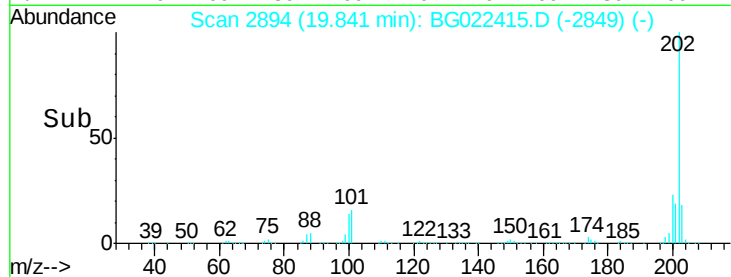
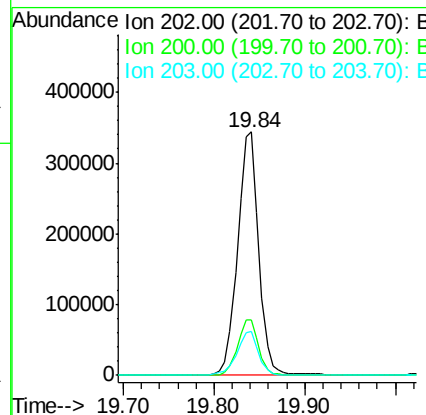
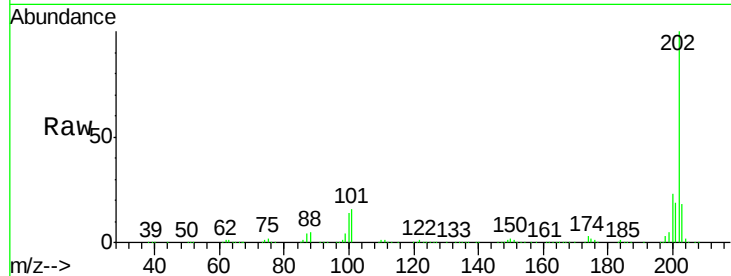
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 558704 |       |       |
| 200     | 22.5  | 18.2   | 27.2  |       |
| 203     | 17.9  | 15.0   | 22.4  |       |

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#78

Terphenyl-d14

Concen: 82.02 ng

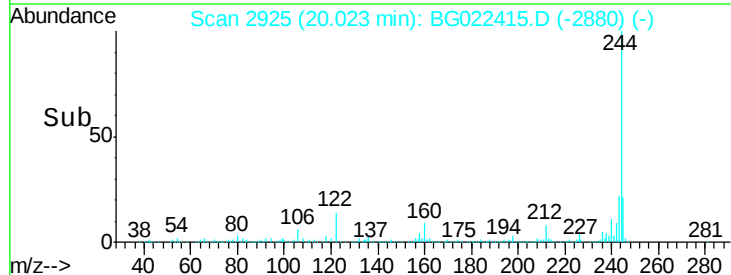
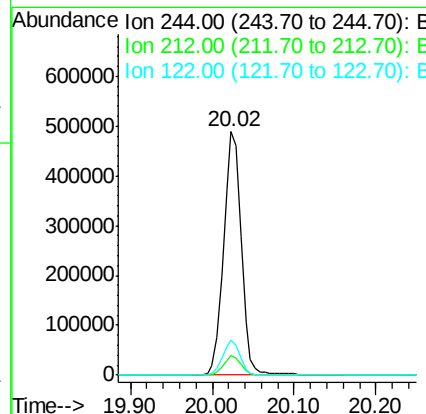
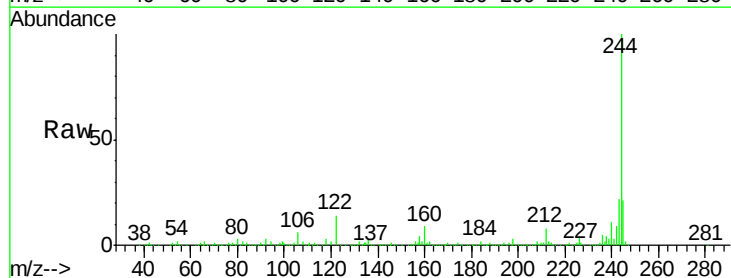
RT: 20.02 min Scan# 2925

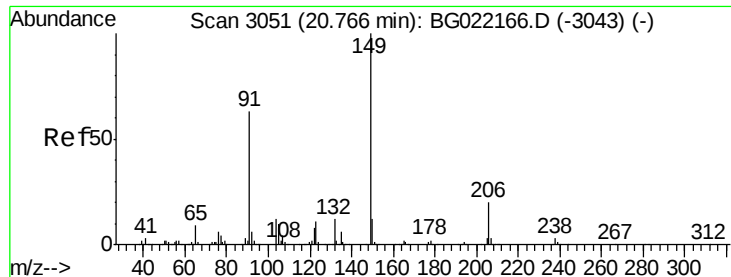
Delta R.T. -0.04 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 738722 |       |       |
| 212     | 7.9   | 6.5    | 9.7   |       |
| 122     | 14.3  | 8.6    | 12.8# |       |





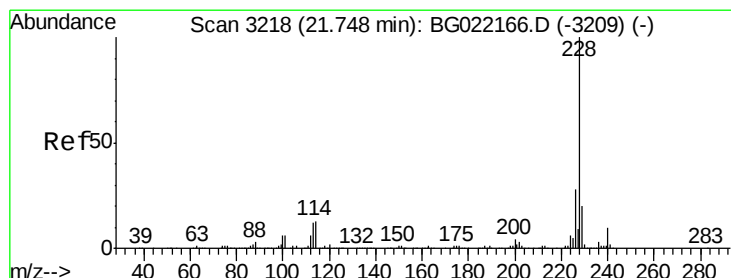
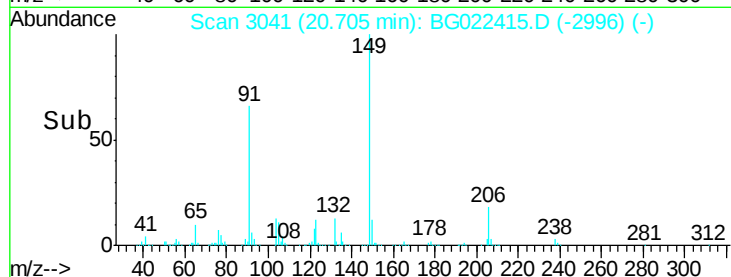
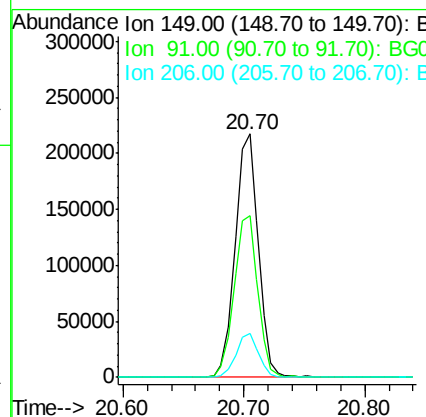
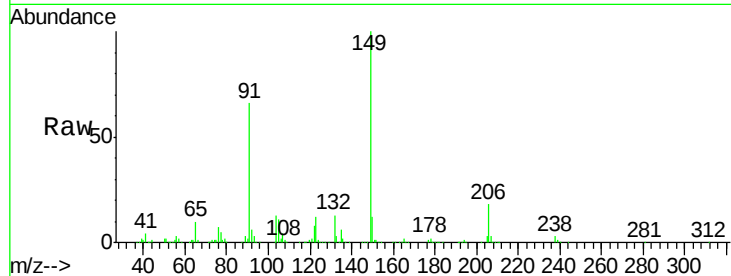
#79  
Butylbenzylphthalate  
Concen: 47.17 ng  
RT: 20.70 min Scan# 3041  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 149     | 100  |       | 290820 |       |       |
| 91      | 66.3 | 57.8  | 86.8   |       |       |
| 206     | 17.9 | 17.0  | 25.4   |       |       |

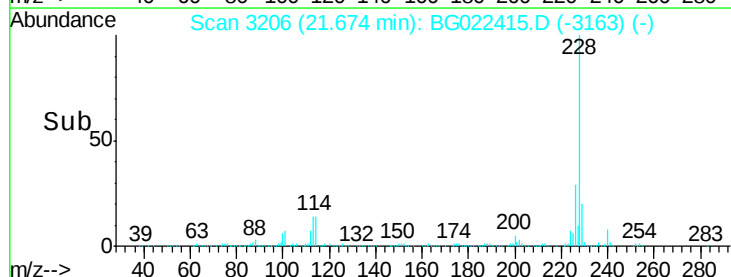
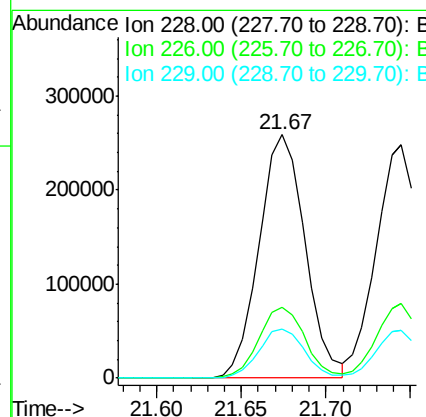
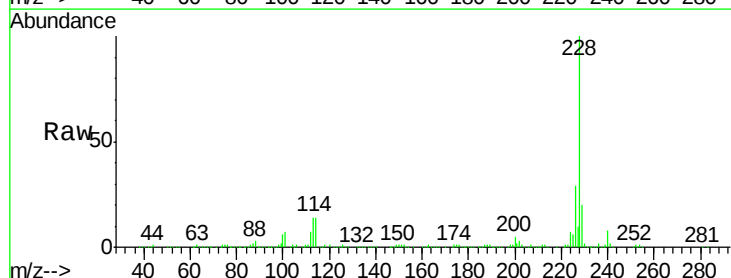
Manual Integrations  
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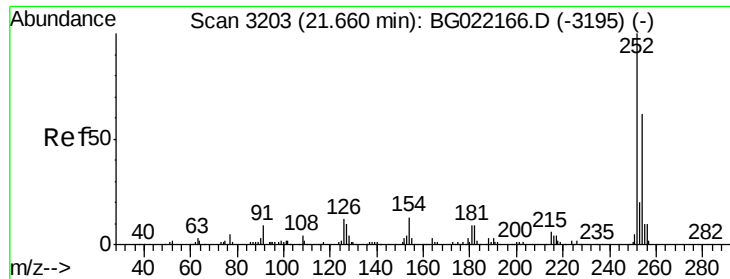
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#80  
Benzo(a)anthracene  
Concen: 40.91 ng  
RT: 21.67 min Scan# 3206  
Delta R.T. -0.05 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 228     | 100  |       | 490526 |       |       |
| 226     | 28.9 | 22.6  | 34.0   |       |       |
| 229     | 20.2 | 16.1  | 24.1   |       |       |





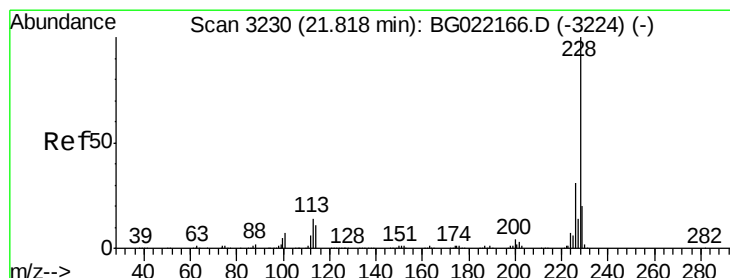
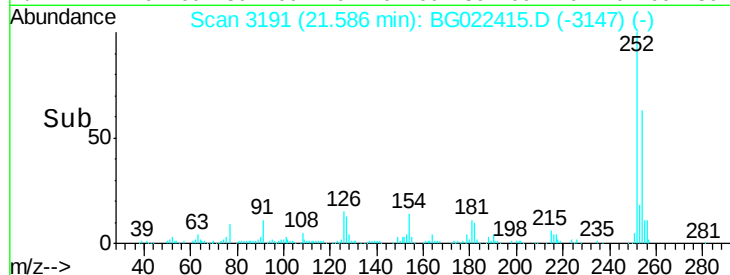
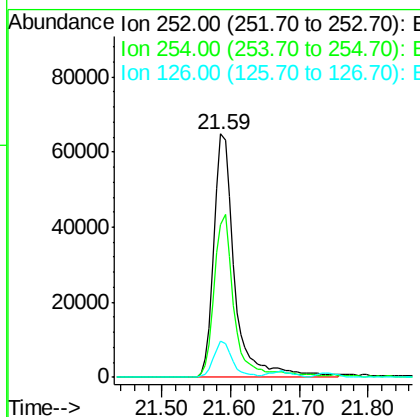
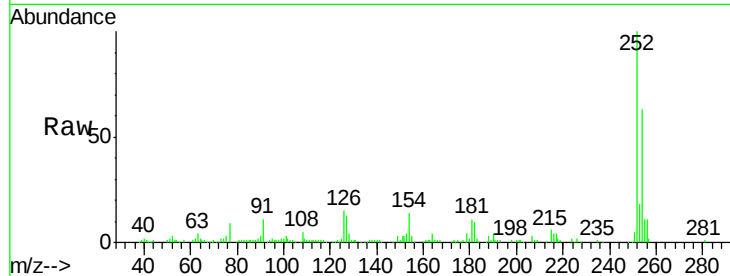
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.67 ng  
 RT: 21.59 min Scan# 3191  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.8  | 51.8  | 77.6  |
| 126     | 14.8  | 8.8   | 13.2  |

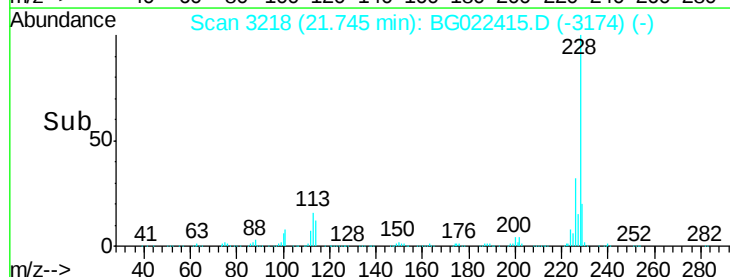
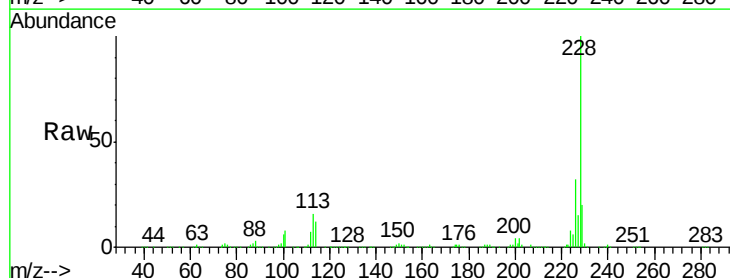
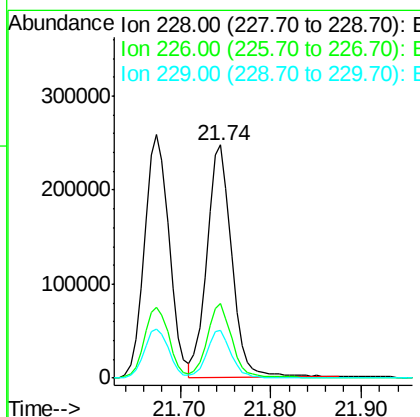
Manual Integrations  
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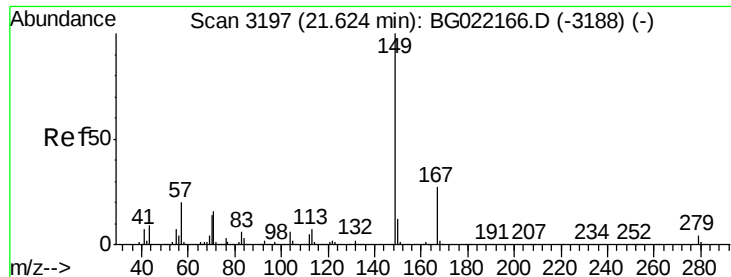
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#82  
 Chrysene  
 Concen: 40.36 ng  
 RT: 21.74 min Scan# 3218  
 Delta R.T. -0.04 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.9  | 25.4  | 38.0  |
| 229     | 20.3  | 15.9  | 23.9  |





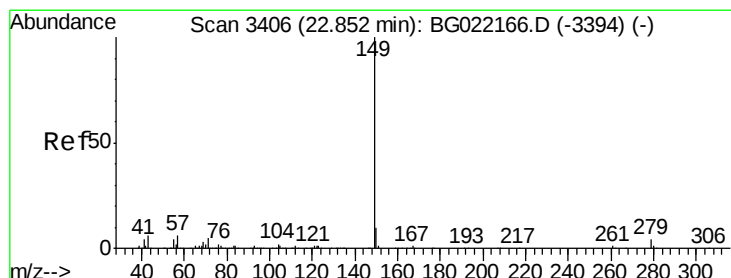
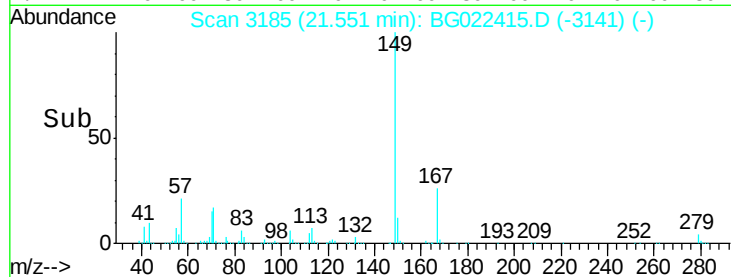
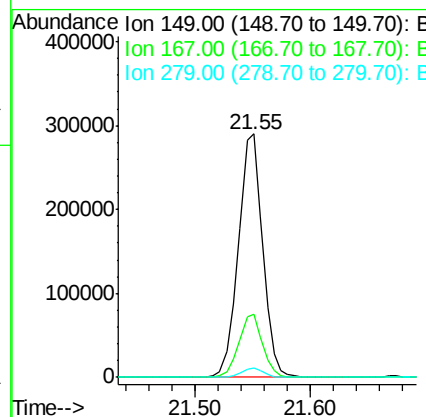
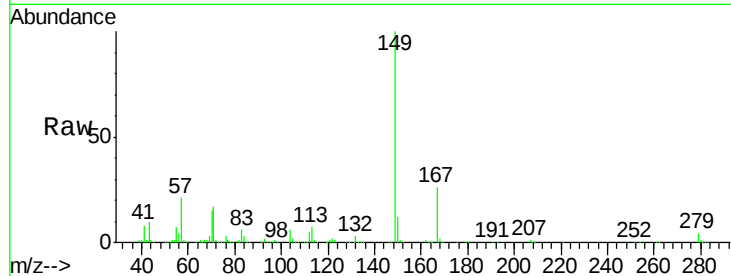
#83  
Bis(2-ethylhexyl)phthalate  
Concen: 46.50 ng  
RT: 21.55 min Scan# 3185  
Delta R.T. -0.04 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 25.8  | 22.4       | 33.6  |
| 279     | 3.6   | 3.2        | 4.8   |

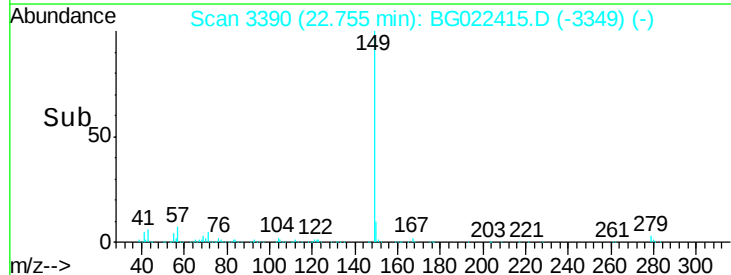
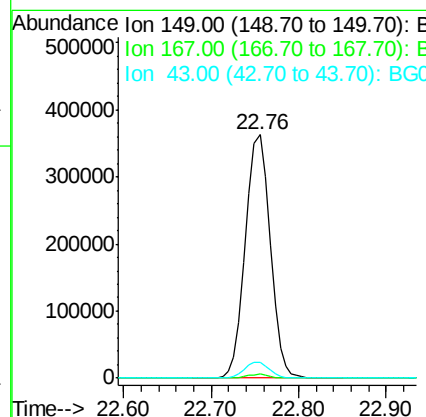
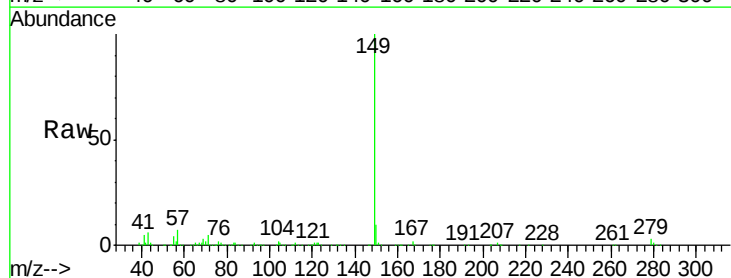
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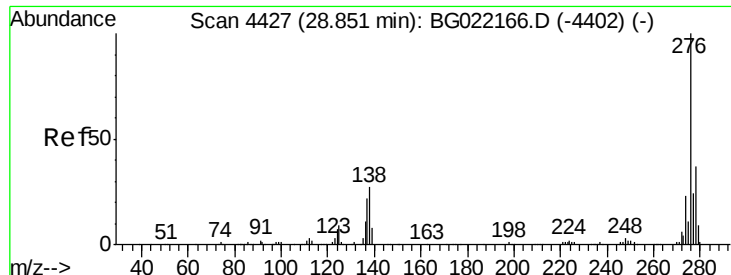
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#84  
Di-n-octyl phthalate  
Concen: 46.35 ng  
RT: 22.76 min Scan# 3390  
Delta R.T. -0.06 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.5   | 1.3        | 1.9   |
| 43      | 6.7   | 9.8        | 14.6# |





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.15 ng

RT: 28.66 min Scan# 4395

Delta R.T. -0.11 min

Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

Instrument :

BNA\_G

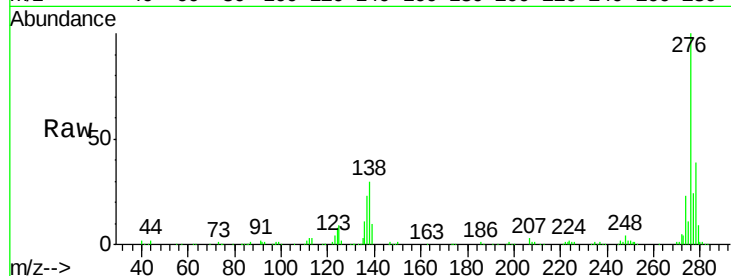
ClientSampled :

SSTDCCC040

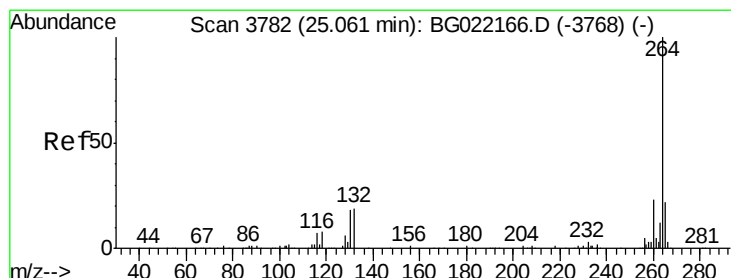
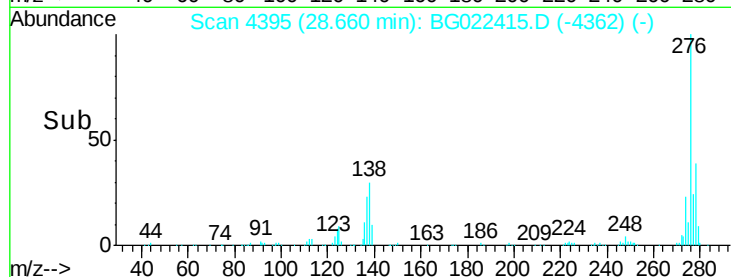
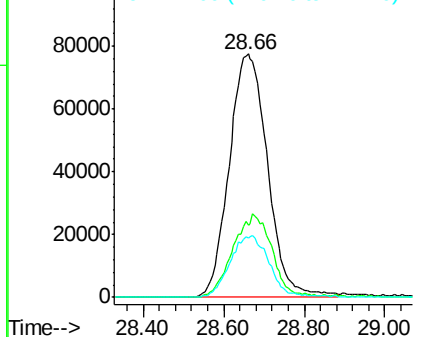
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 512496 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 34.7  | 14.0  | 21.0#  |
| 277       | 25.8  | 20.6  | 30.8   |

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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



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.94 min Scan# 3761

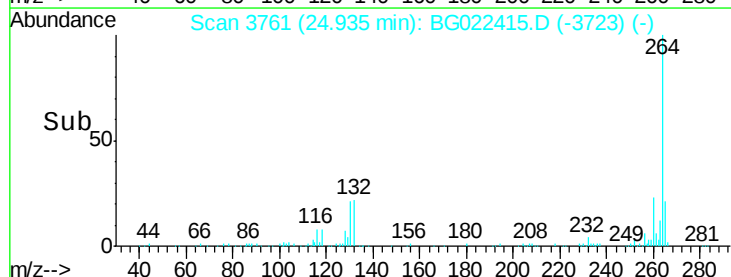
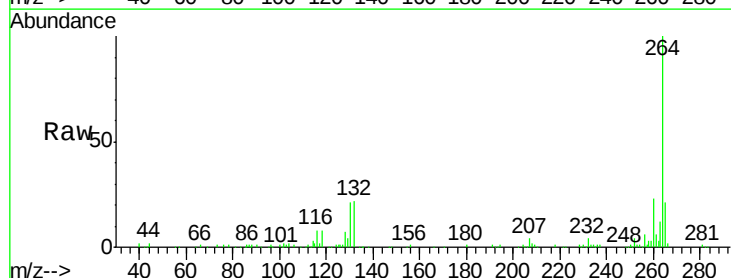
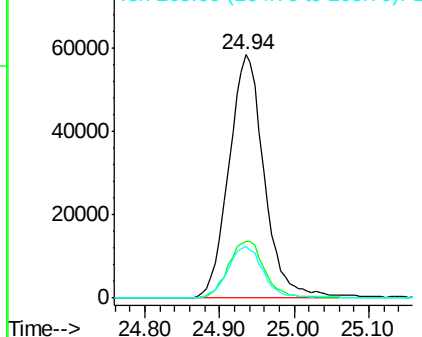
Delta R.T. -0.08 min

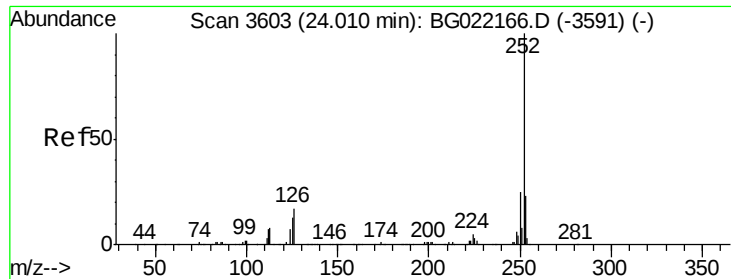
Lab File: BG022415.D

Acq: 18 Jun 2016 9:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 192200 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.4  | 20.2  | 30.4   |
| 265       | 21.0  | 17.8  | 26.8   |

Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





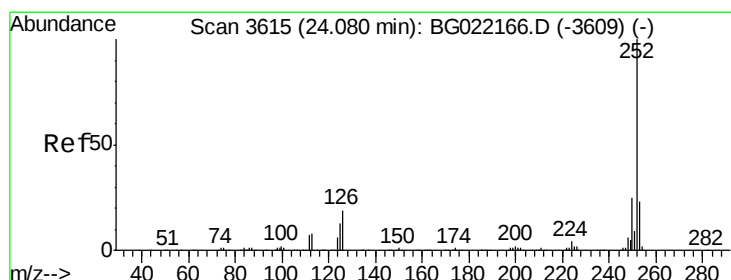
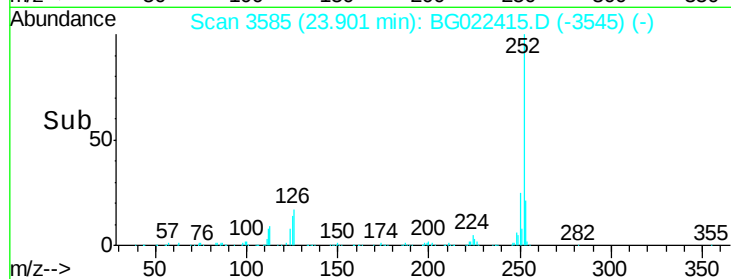
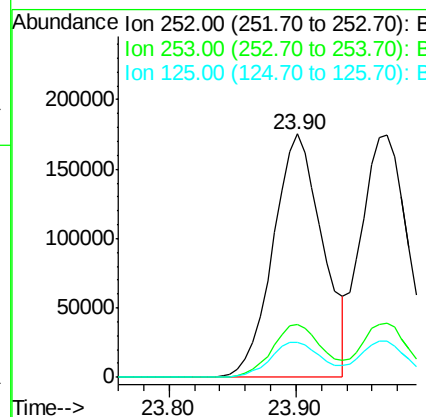
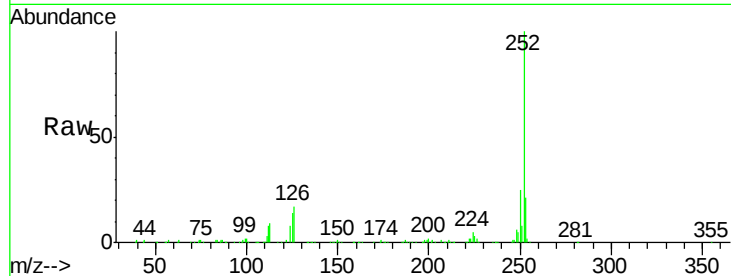
#87  
Benzo(b)fluoranthene  
Concen: 42.49 ng  
RT: 23.90 min Scan# 3585  
Delta R.T. -0.07 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.5  | 26.3  |
| 125     | 14.5  | 8.6   | 13.0  |

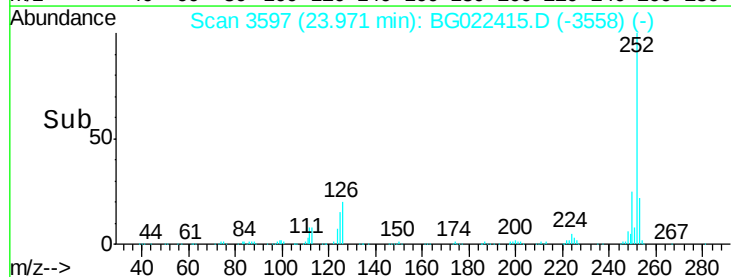
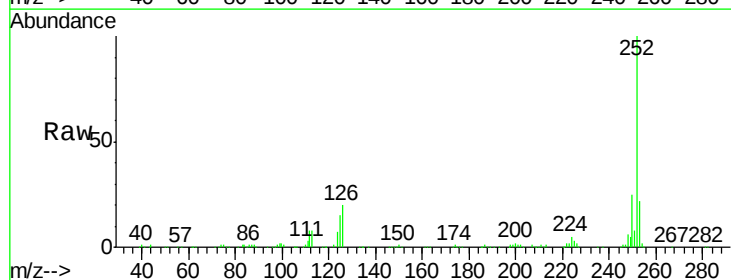
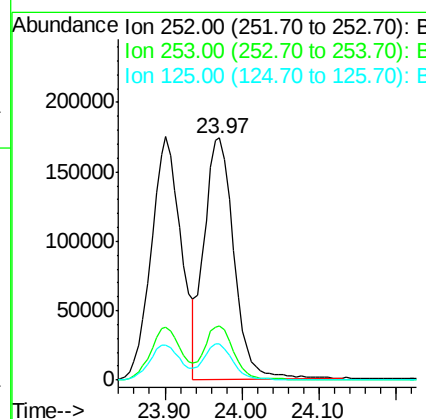
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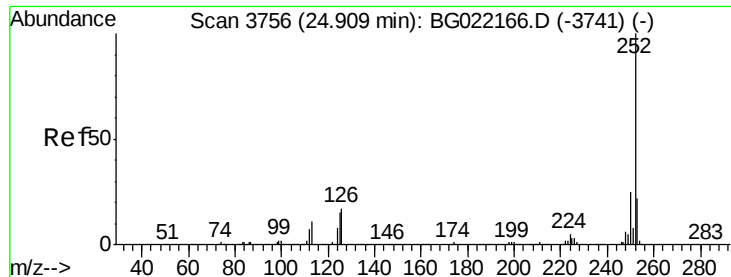
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#88  
Benzo(k)fluoranthene  
Concen: 41.91 ng  
RT: 23.97 min Scan# 3597  
Delta R.T. -0.07 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.8  | 26.8  |
| 125     | 15.2  | 8.3   | 12.5  |





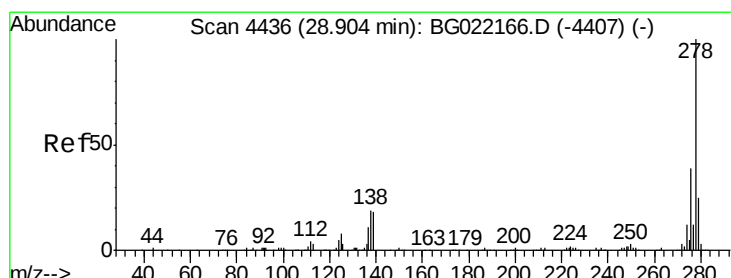
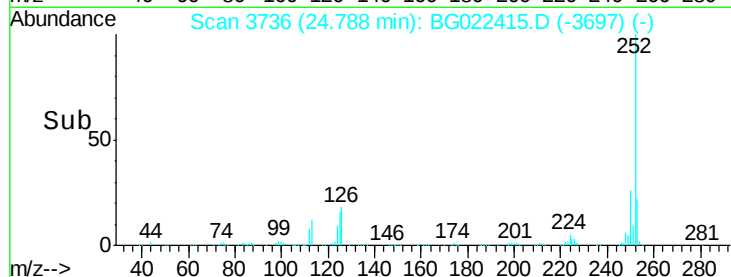
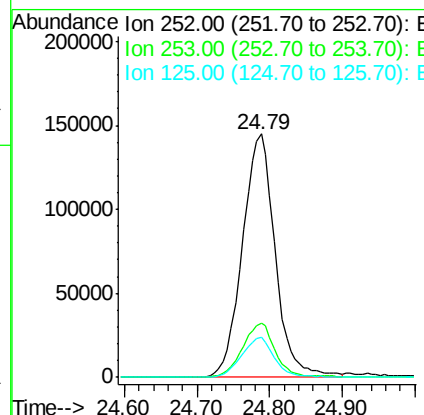
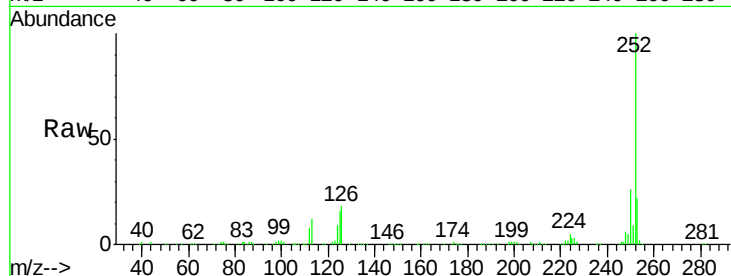
#89  
Benzo(a)pyrene  
Concen: 42.34 ng  
RT: 24.79 min Scan# 3736  
Delta R.T. -0.07 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.1  | 25.7  |
| 125     | 16.4  | 9.6   | 14.4  |

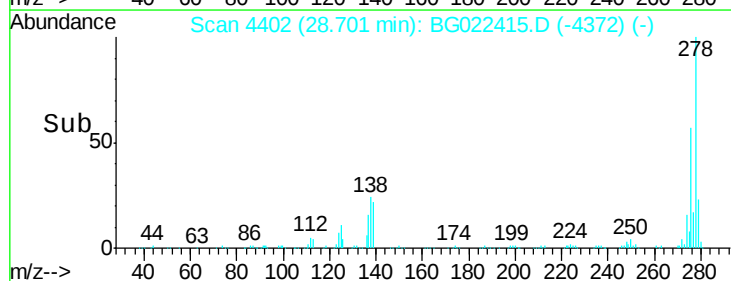
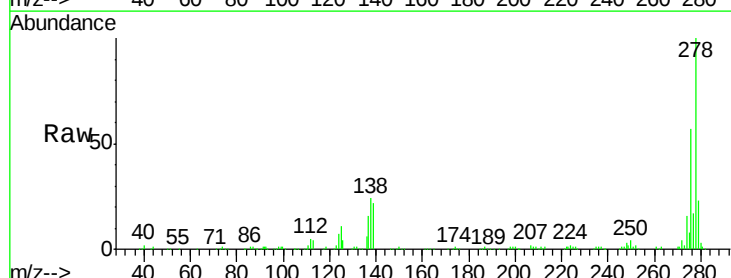
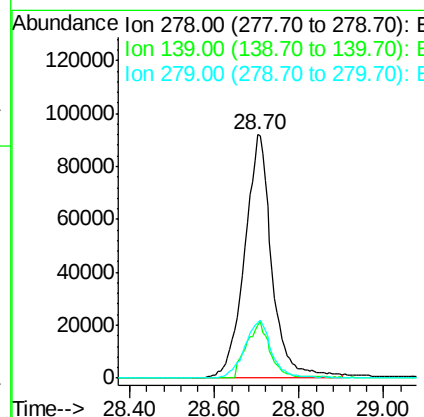
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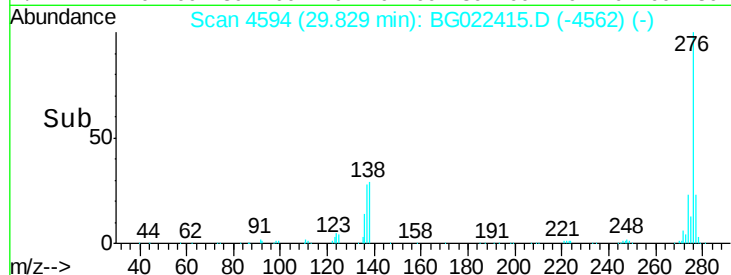
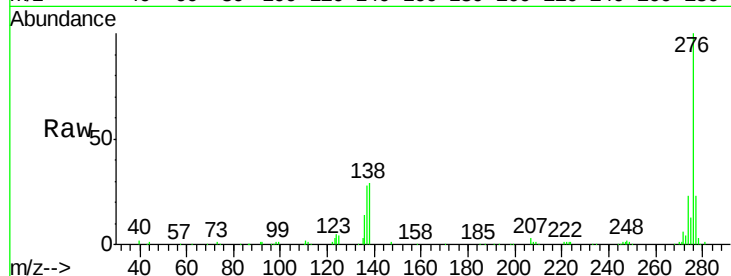
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#90  
Dibenzo(a,h)anthracene  
Concen: 40.87 ng  
RT: 28.70 min Scan# 4402  
Delta R.T. -0.12 min  
Lab File: BG022415.D  
Acq: 18 Jun 2016 9:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.5  | 11.9  | 17.9  |
| 279     | 22.8  | 18.2  | 27.2  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 40.19 ng  
 RT: 29.83 min Scan# 4594  
 Delta R.T. -0.11 min  
 Lab File: BG022415.D  
 Acq: 18 Jun 2016 9:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 19.4  | 29.2  |
| 138     | 29.4  | 17.4  | 26.0  |

Manual Integrations  
 APPROVED

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