

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\  
 Data File : BG028908.D  
 Acq On : 25 Sep 2017 15:15  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 9/26/2017 8:42:47 AM

Quant Time: Sep 26 01:40:38 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.28  | 152  | 31492    | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 11.10 | 136  | 125423   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 14.90 | 164  | 91887    | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 17.64 | 188  | 263692   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12          | 21.97 | 240  | 320502   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 25.42 | 264  | 321194   | 20.00 | ng    | -0.10    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.85  | 112 | 148693  | 77.91 | ng | -0.06 |
| 7) Phenol-d6             | 7.43  | 99  | 221842  | 77.20 | ng | -0.06 |
| 23) Nitrobenzene-d5      | 9.45  | 82  | 219653  | 83.78 | ng | -0.05 |
| 41) 2,4,6-Tribromophenol | 16.39 | 330 | 143251  | 94.26 | ng | -0.05 |
| 44) 2-Fluorobiphenyl     | 13.51 | 172 | 553160  | 80.27 | ng | -0.05 |
| 78) Terphenyl-d14        | 20.24 | 244 | 1216543 | 80.95 | ng | -0.04 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.77  | 88  | 28268  | 36.575 | ng | # 94   |
| 3) Pyridine                    | 4.17  | 79  | 82203  | 37.285 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 4.08  | 42  | 41711  | 41.590 | ng | # 66   |
| 6) Aniline                     | 7.60  | 93  | 131757 | 39.398 | ng | 96     |
| 8) 2-Chlorophenol              | 7.84  | 128 | 84053  | 39.506 | ng | 95     |
| 9) Benzaldehyde                | 7.42  | 77  | 67300  | 37.750 | ng | 85     |
| 10) Phenol                     | 7.46  | 94  | 113633 | 37.470 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.69  | 93  | 82182  | 37.745 | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 8.17  | 146 | 91405  | 39.898 | ng | 91     |
| 13) 1,4-Dichlorobenzene        | 8.31  | 146 | 94241  | 40.004 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.64  | 146 | 88741  | 38.129 | ng | 95     |
| 15) Benzyl Alcohol             | 8.51  | 79  | 72751  | 32.432 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.80  | 45  | 145146 | 36.680 | ng | 99     |
| 17) 2-Methylphenol             | 8.71  | 107 | 75103  | 37.898 | ng | 93     |
| 18) Hexachloroethane           | 9.36  | 117 | 33895  | 39.256 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 9.07  | 70  | 76429  | 37.520 | ng | 89     |
| 20) 3+4-Methylphenols          | 9.04  | 107 | 106107 | 38.280 | ng | 92     |
| 22) Acetophenone               | 9.11  | 105 | 148695 | 40.547 | ng | # 85   |
| 24) Nitrobenzene               | 9.50  | 77  | 116939 | 40.279 | ng | # 91   |
| 25) Isophorone                 | 10.01 | 82  | 212026 | 39.967 | ng | # 96   |
| 26) 2-Nitrophenol              | 10.21 | 139 | 50042  | 40.499 | ng | 90     |
| 27) 2,4-Dimethylphenol         | 10.25 | 122 | 85523  | 37.865 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.48 | 93  | 113499 | 39.397 | ng | # 97   |
| 29) 2,4-Dichlorophenol         | 10.75 | 162 | 92388  | 41.112 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.96 | 180 | 101520 | 39.600 | ng | 98     |
| 31) Naphthalene                | 11.15 | 128 | 264896 | 40.438 | ng | 98     |
| 32) Benzoic acid               | 10.41 | 122 | 51401  | 34.068 | ng | 89     |
| 33) 4-Chloroaniline            | 11.26 | 127 | 112278 | 40.915 | ng | 93     |
| 34) Hexachlorobutadiene        | 11.42 | 225 | 74904  | 39.669 | ng | 98     |
| 35) Caprolactam                | 12.03 | 113 | 37710  | 46.795 | ng | # 84   |
| 36) 4-Chloro-3-methylphenol    | 12.37 | 107 | 120811 | 41.308 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.74 | 142 | 197202 | 40.321 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.10 | 216 | 152130 | 40.266 | ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 13.07 | 237 | 67641  | 49.309 | ng | 99     |

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 Acq On : 25 Sep 2017 15:15  
 Operator : SJ/JU  
 Sample : SSTDC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDC040

Manual Integrations  
 APPROVED

Sohil  
 9/26/2017 8:42:47 AM

Quant Time: Sep 26 01:40:38 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.34 | 196  | 94390    | 39.363 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.42 | 196  | 99694    | 41.375 | nq    | # 89     |
| 45) 1,1'-Biphenyl              | 13.73 | 154  | 306522   | 40.290 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.78 | 162  | 222378   | 40.075 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.98 | 65   | 91768    | 44.498 | nq    | 94       |
| 48) Acenaphthylene             | 14.62 | 152  | 363780   | 41.034 | nq    | 97       |
| 49) Dimethylphthalate          | 14.34 | 163  | 330179   | 42.851 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.47 | 165  | 74564    | 43.490 | nq    | 83       |
| 51) Acenaphthene               | 14.96 | 154  | 224853   | 41.752 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.81 | 138  | 71573    | 47.206 | nq    | 91       |
| 53) 2,4-Dinitrophenol          | 15.02 | 184  | 35115    | 42.983 | nq    | 89       |
| 54) Dibenzofuran               | 15.29 | 168  | 362954   | 42.262 | nq    | 95       |
| 55) 4-Nitrophenol              | 15.12 | 139  | 47160    | 42.455 | nq    | # 67     |
| 56) 2,4-Dinitrotoluene         | 15.27 | 165  | 113081   | 46.907 | nq    | # 89     |
| 57) Fluorene                   | 15.95 | 166  | 336060   | 43.831 | nq    | 95       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.52 | 232  | 92938    | 43.764 | nq    | # 92     |
| 59) Diethylphthalate           | 15.69 | 149  | 349572   | 44.147 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.92 | 204  | 182964   | 41.908 | nq    | 95       |
| 61) 4-Nitroaniline             | 15.98 | 138  | 79830    | 49.700 | nq    | 90       |
| 62) Azobenzene                 | 16.22 | 77   | 292072   | 43.858 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 16.03 | 198  | 71549    | 42.050 | nq    | 95       |
| 65) n-Nitrosodiphenylamine     | 16.14 | 169  | 292719   | 38.724 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.82 | 248  | 132650   | 39.095 | nq    | 96       |
| 67) Hexachlorobenzene          | 16.95 | 284  | 152275   | 39.432 | nq    | # 85     |
| 68) Atrazine                   | 17.09 | 200  | 120109   | 37.006 | nq    | 96       |
| 69) Pentachlorophenol          | 17.30 | 266  | 68347    | 39.172 | nq    | 93       |
| 70) Phenanthrene               | 17.69 | 178  | 558548   | 41.421 | nq    | 96       |
| 71) Anthracene                 | 17.79 | 178  | 552967   | 40.594 | nq    | 97       |
| 72) Carbazole                  | 18.06 | 167  | 530051   | 43.205 | nq    | 95       |
| 73) Di-n-butylphthalate        | 18.58 | 149  | 639587   | 42.518 | nq    | # 94     |
| 74) Fluoranthene               | 19.69 | 202  | 725410   | 44.058 | nq    | 92       |
| 76) Benzidine                  | 19.87 | 184  | 465000   | 55.947 | nq    | 98       |
| 77) Pyrene                     | 20.05 | 202  | 743038   | 40.193 | nq    | 95       |
| 79) Butylbenzylphthalate       | 20.92 | 149  | 292023   | 39.113 | nq    | 90       |
| 80) Benzo(a)anthracene         | 21.95 | 228  | 776264   | 40.238 | nq    | 92       |
| 81) 3,3'-Dichlorobenzidine     | 21.85 | 252  | 310590   | 39.708 | nq    | # 98     |
| 82) Chrysene                   | 22.02 | 228  | 731945   | 39.986 | nq    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 21.80 | 149  | 419353   | 39.508 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 23.09 | 149  | 737128   | 39.748 | nq    | # 88     |
| 85) Indeno(1,2,3-cd)pyrene     | 29.40 | 276  | 946936   | 40.262 | nq    | # 75     |
| 87) Benzo(b)fluoranthene       | 24.33 | 252  | 781309m  | 40.601 | nq    |          |
| 88) Benzo(k)fluoranthene       | 24.39 | 252  | 801570   | 41.701 | nq    | 95       |
| 89) Benzo(a)pyrene             | 25.27 | 252  | 756516   | 41.417 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 29.45 | 278  | 772870   | 40.585 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 30.65 | 276  | 760502   | 40.929 | nq    | 99       |

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

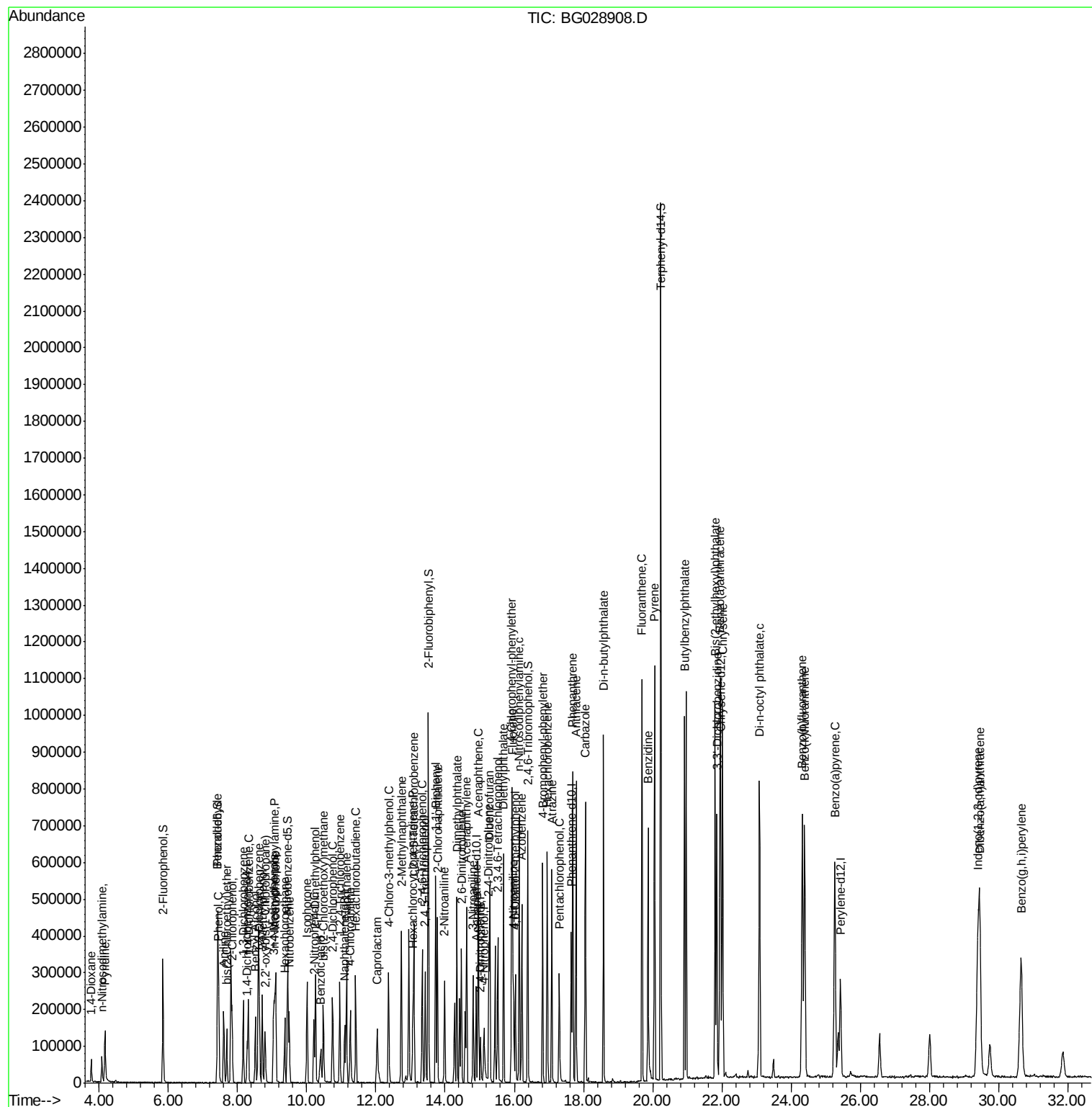
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\  
Data File : BG028908.D  
Acq On : 25 Sep 2017 15:15  
Operator : SJ/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleID :  
SSTDCCC040

Manual Integrations  
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Quant Time: Sep 26 01:40:38 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 12 16:57:11 2017  
Response via : Initial Calibration





#1

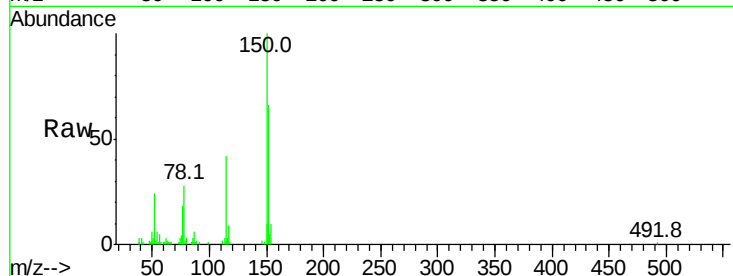
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.28 min Scan# 798  
Delta R.T. -0.05 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

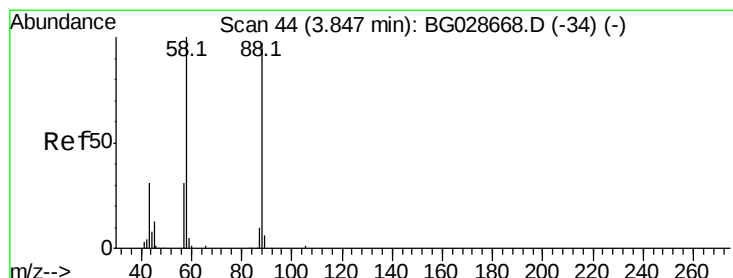
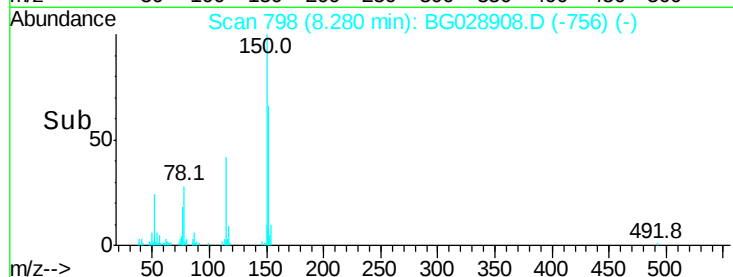
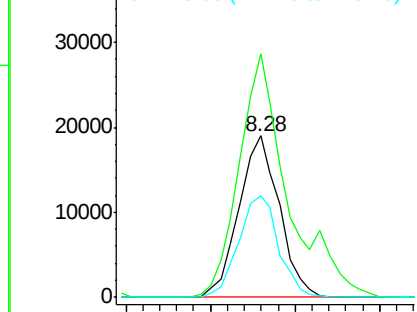
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.9 | 114.0 | 171.0 |
| 115     | 62.8  | 48.1  | 72.1  |

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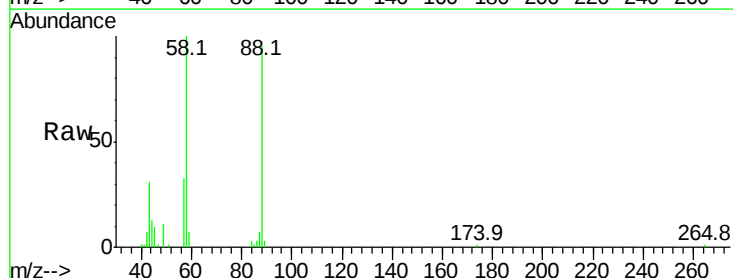
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



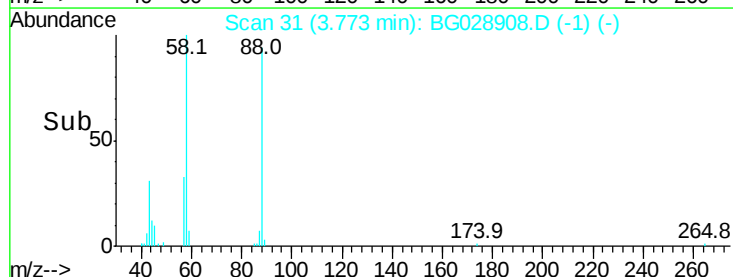
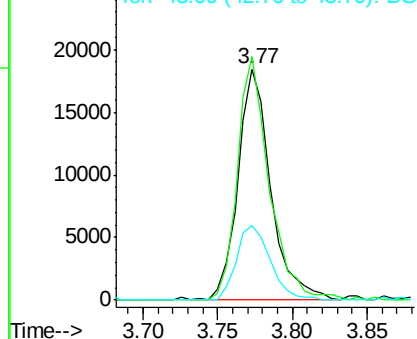
#2

1,4-Dioxane  
Concen: 36.575 ng  
RT: 3.77 min Scan# 31  
Delta R.T. -0.07 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 102.0 | 79.4  | 119.2 |
| 43      | 33.4  | 33.8  | 50.6# |



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.285 ng

RT: 4.17 min Scan# 98

Delta R.T. -0.07 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

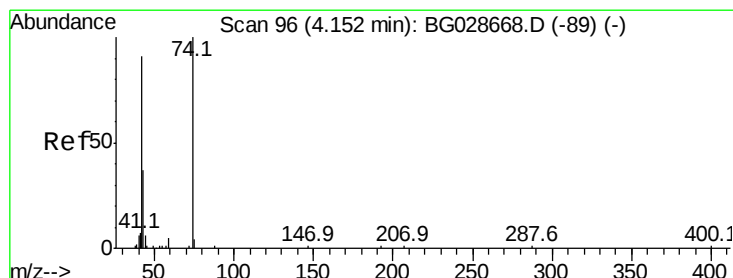
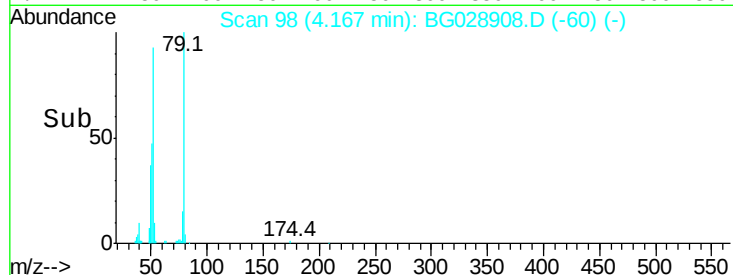
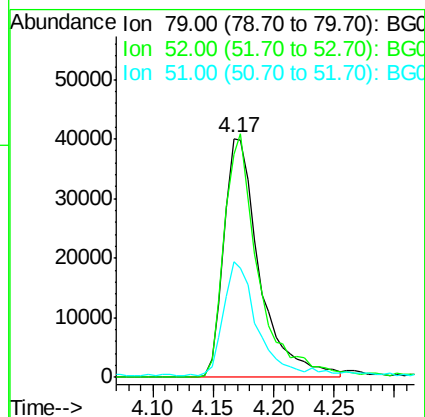
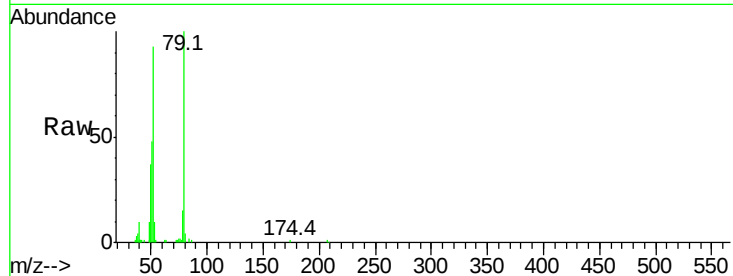
ClientSampled :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 82203 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 93.5  | 77.8  | 116.6 |
| 51        | 48.2  | 43.2  | 64.8  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 41.590 ng

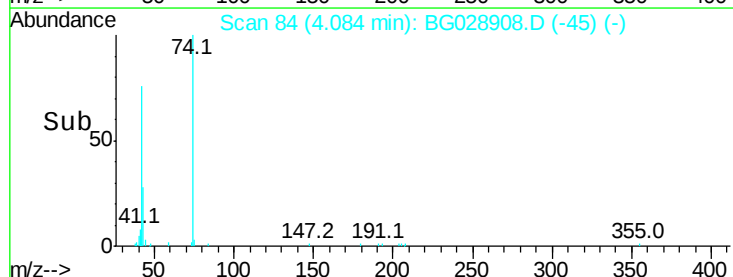
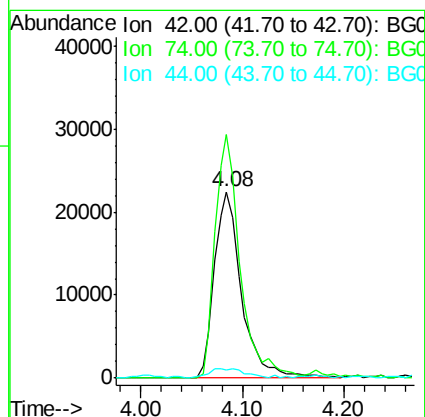
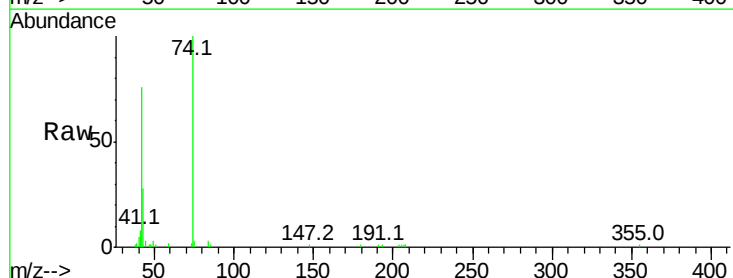
RT: 4.08 min Scan# 84

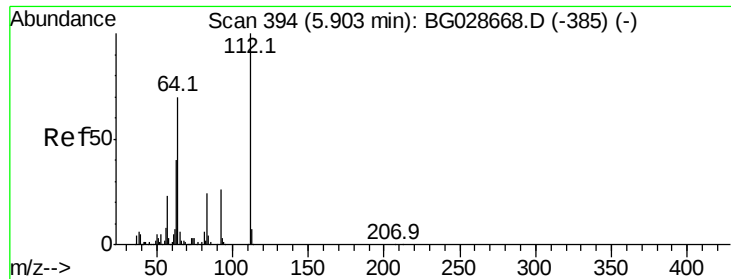
Delta R.T. -0.07 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 41711  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 130.8 | 76.7  | 115.1# |
| 44        | 4.3   | 6.1   | 9.1#   |





#5

2-Fluorophenol

Concen: 77.909 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

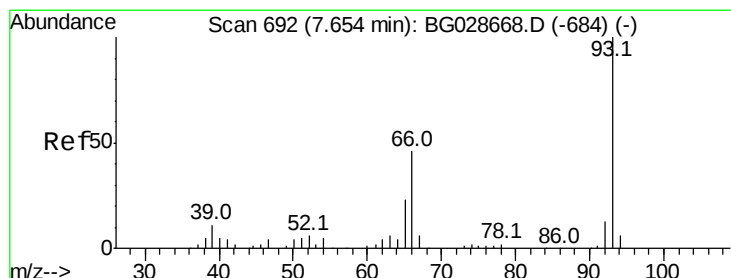
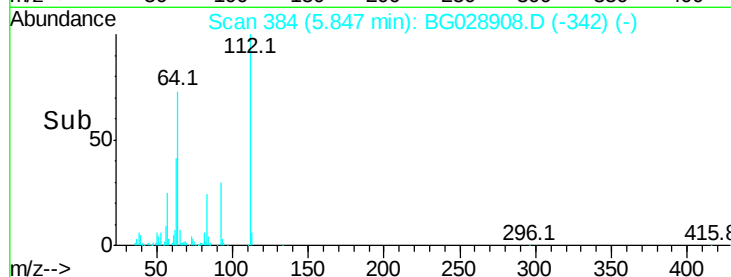
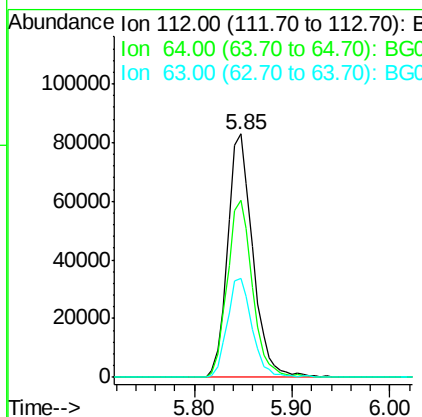
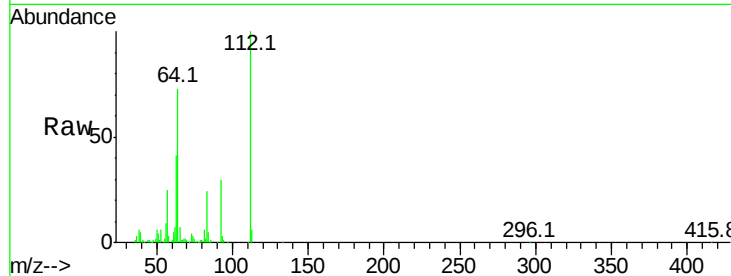
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 148693 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 72.6  | 61.8  | 92.6   |
| 63        | 40.6  | 37.2  | 55.8   |

Manual Integrations  
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9/26/2017 8:42:47 AM



#6

Aniline

Concen: 39.398 ng

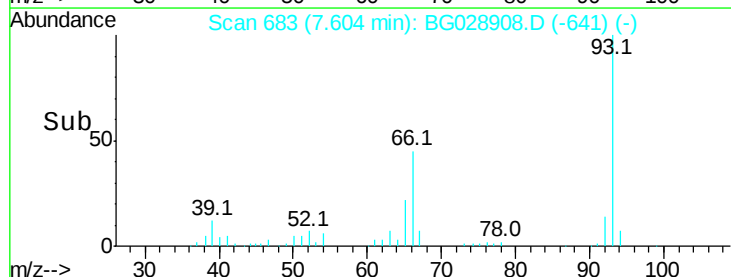
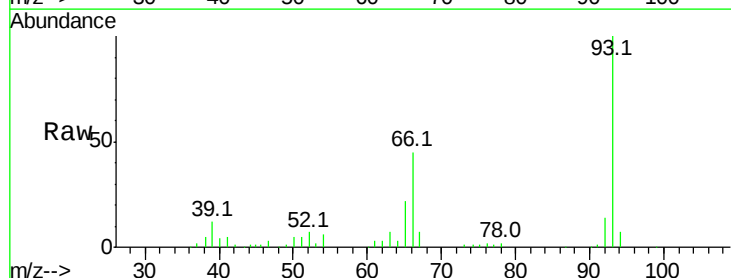
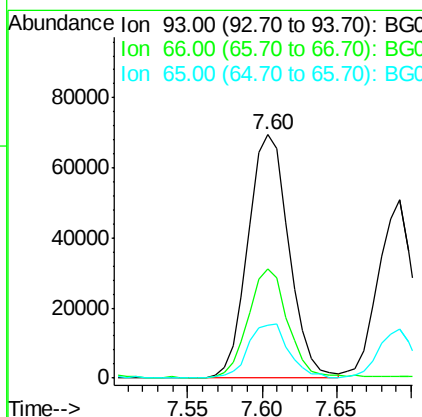
RT: 7.60 min Scan# 683

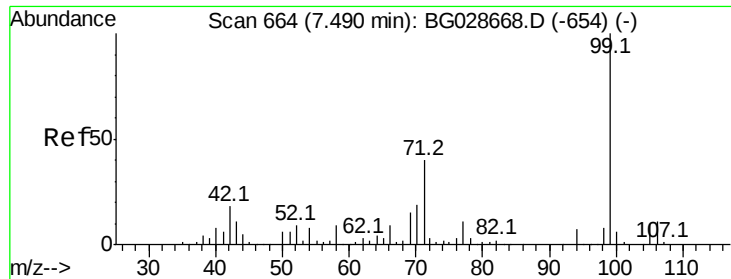
Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 131757 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 44.9  | 35.4  | 53.2   |
| 65        | 21.9  | 21.2  | 31.8   |





#7

Phenol-d6

Concen: 77.201 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 221842

Ion Ratio Lower Upper

99 100

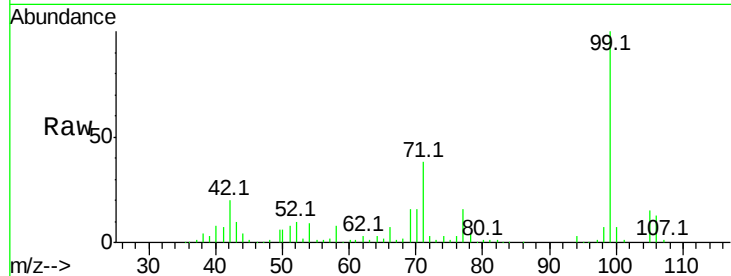
42 20.0 20.5 30.7#

71 38.3 37.6 56.4

Manual Integrations  
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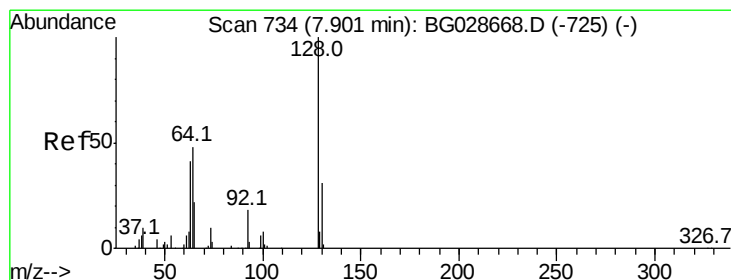
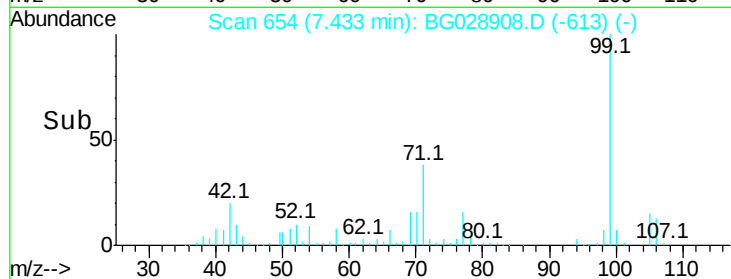
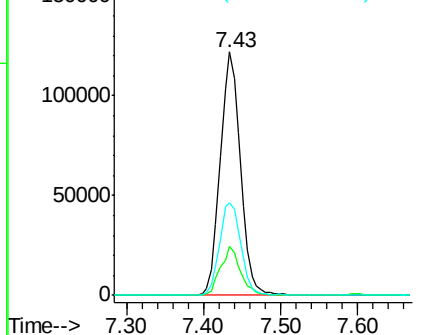
9/26/2017 8:42:47 AM



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.506 ng

RT: 7.84 min Scan# 724

Delta R.T. -0.06 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

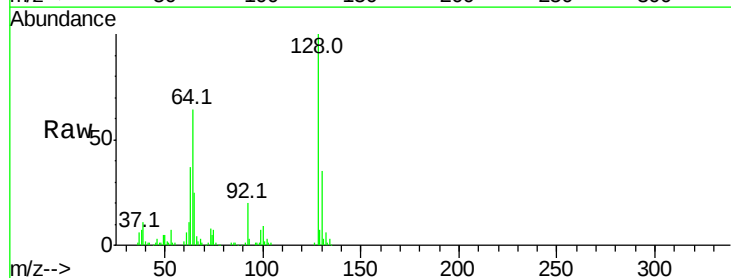
Tgt Ion: 128 Resp: 84053

Ion Ratio Lower Upper

128 100

130 34.9 11.4 51.4

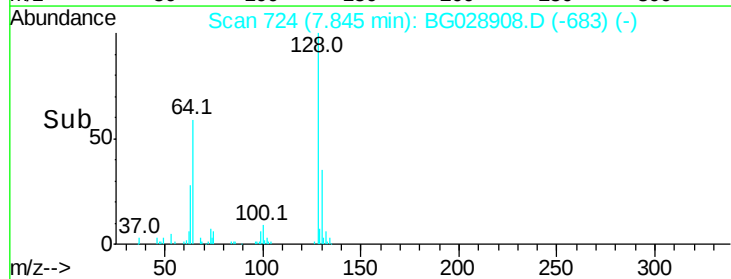
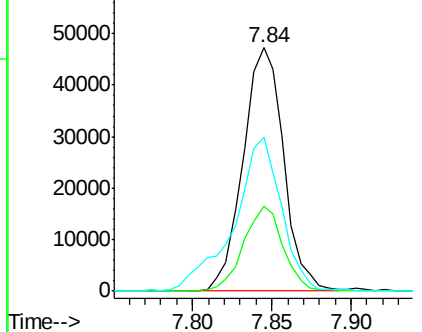
64 63.5 46.6 86.6

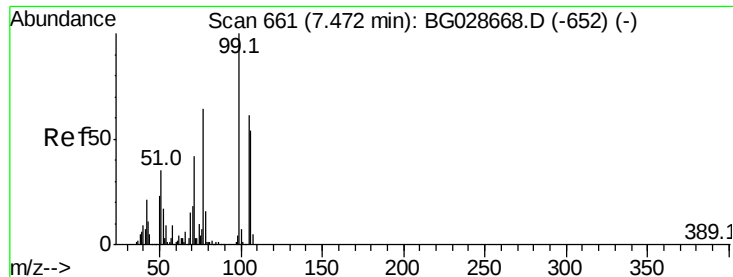


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 37.750 ng

RT: 7.42 min Scan# 652

Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

ClientSampleId :

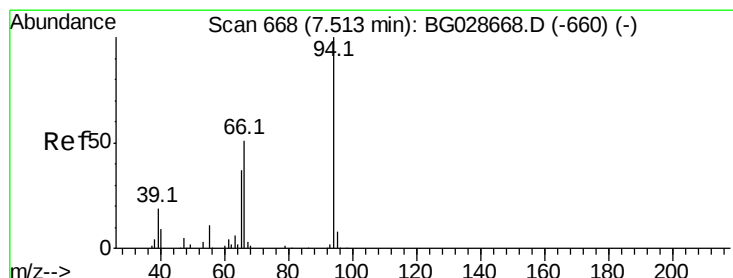
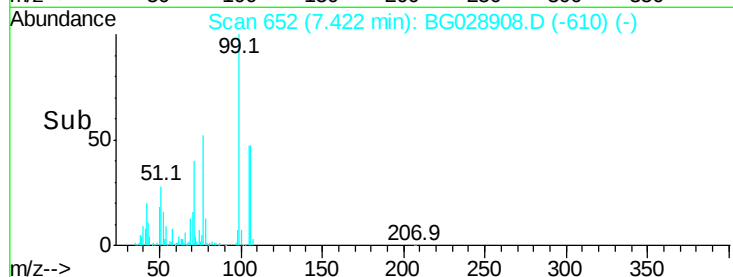
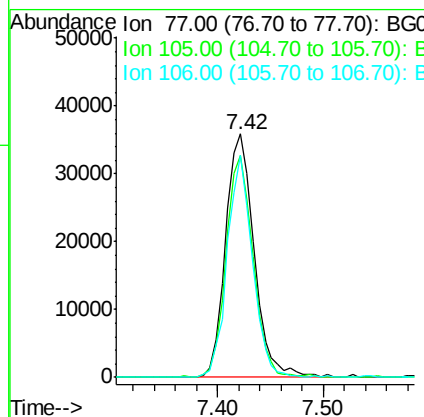
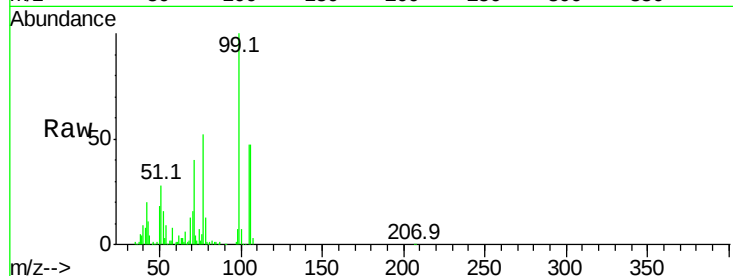
SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 67300 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 91.1  | 60.9  | 100.9 |
| 106      | 91.3  | 55.1  | 95.1  |

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#10

Phenol

Concen: 37.470 ng

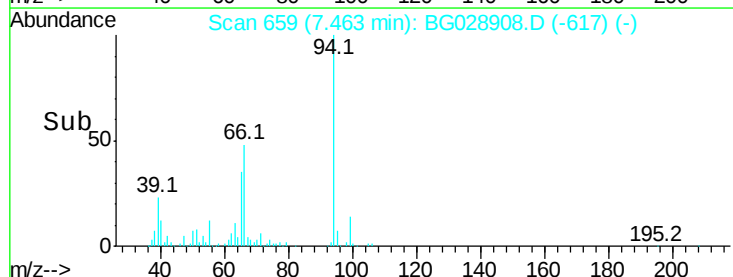
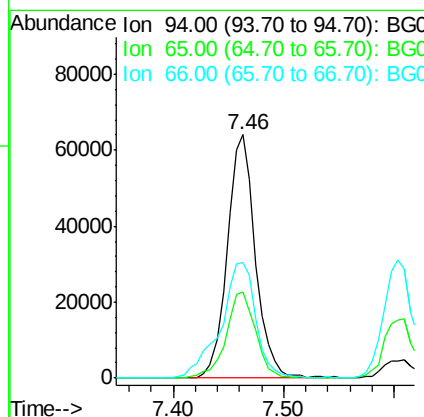
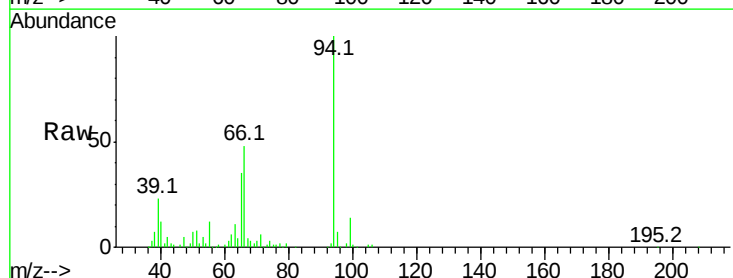
RT: 7.46 min Scan# 659

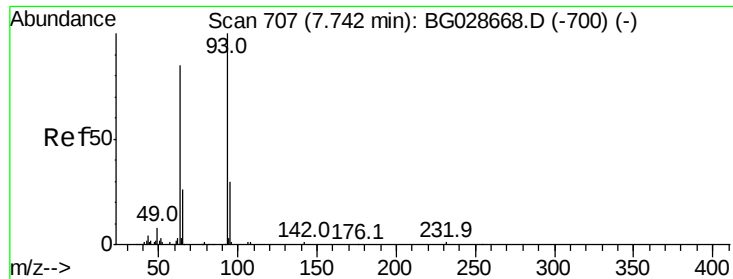
Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 113633 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 35.2  | 20.6  | 60.6   |
| 66       | 47.6  | 35.5  | 75.5   |





#11

bis(2-Chloroethyl)ether

Concen: 37.745 ng

RT: 7.69 min Scan# 698

Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

ClientSampleId :

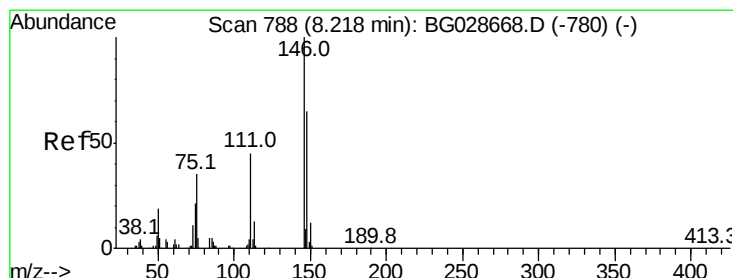
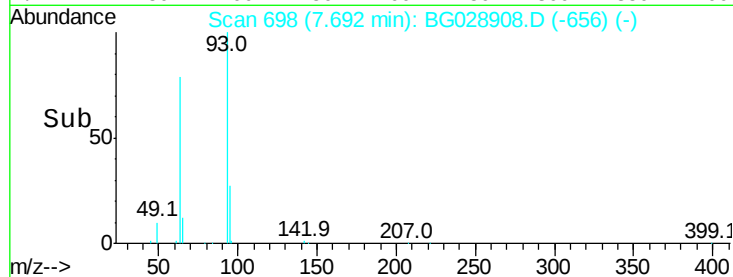
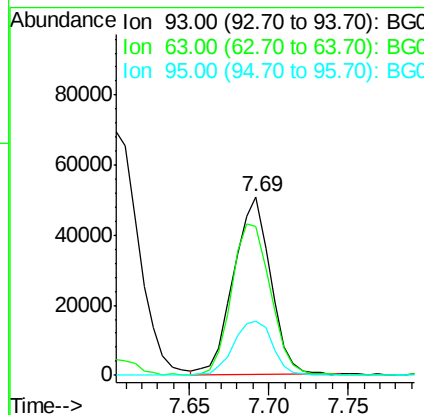
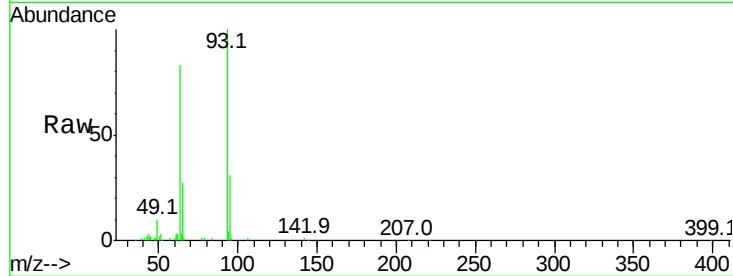
SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 93    | Resp: | 82182 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 83.4  | 78.5  | 118.5 |
| 95        | 30.6  | 9.8   | 49.8  |

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#12

1,3-Dichlorobenzene

Concen: 39.898 ng

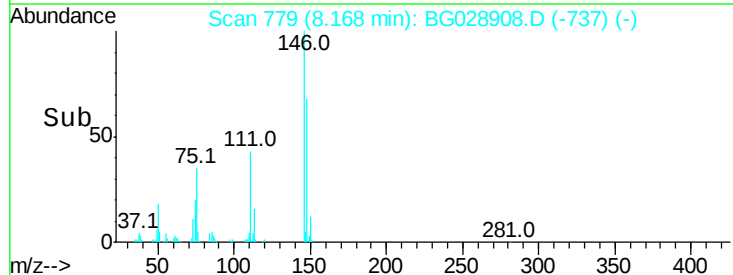
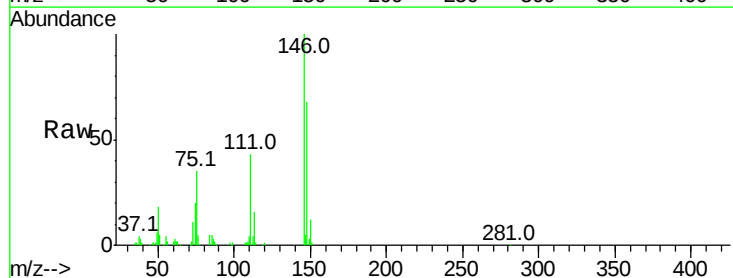
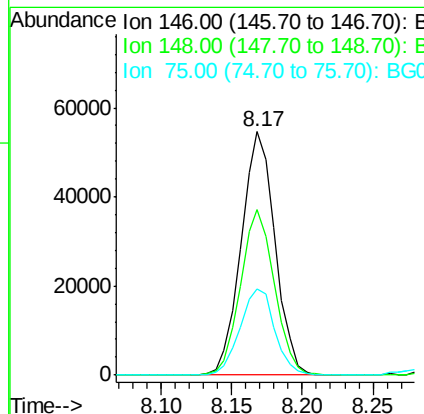
RT: 8.17 min Scan# 779

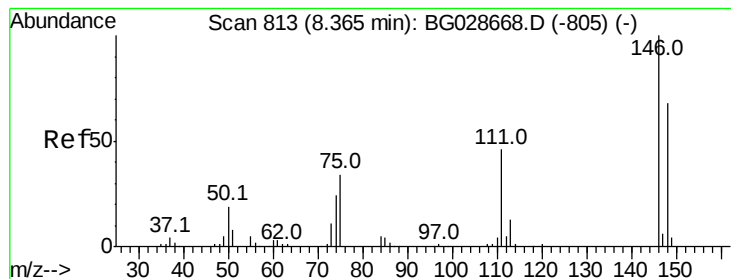
Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 91405 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 67.9  | 49.2  | 73.8  |
| 75        | 35.4  | 33.4  | 50.2  |





#13

1,4-Dichlorobenzene

Concen: 40.004 ng

RT: 8.31 min Scan# 804

Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

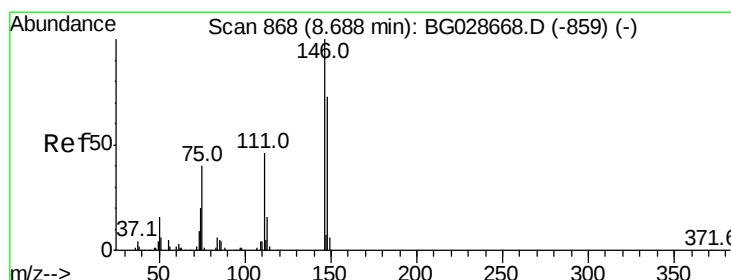
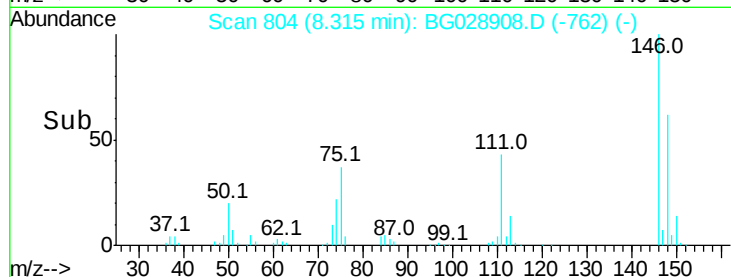
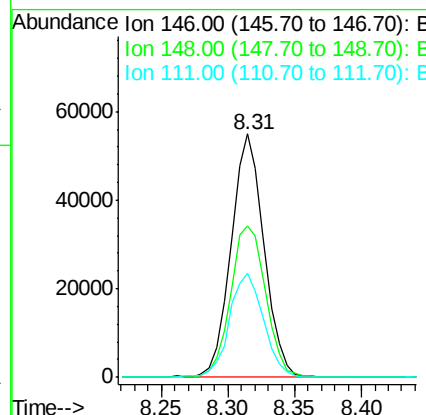
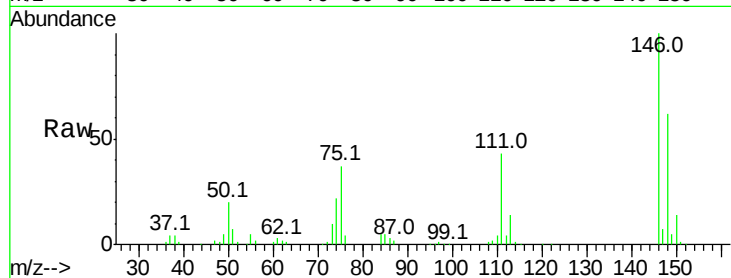
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 94241 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 62.5  | 52.2  | 78.2  |
| 111       | 42.9  | 37.0  | 55.6  |

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#14

1,2-Dichlorobenzene

Concen: 38.129 ng

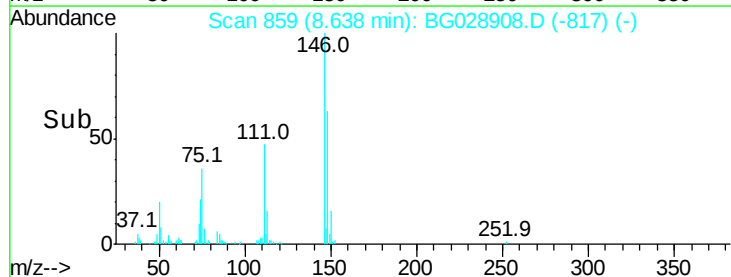
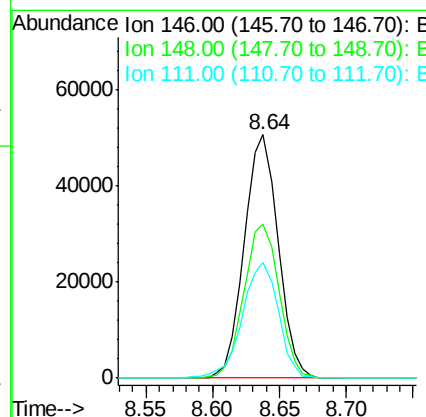
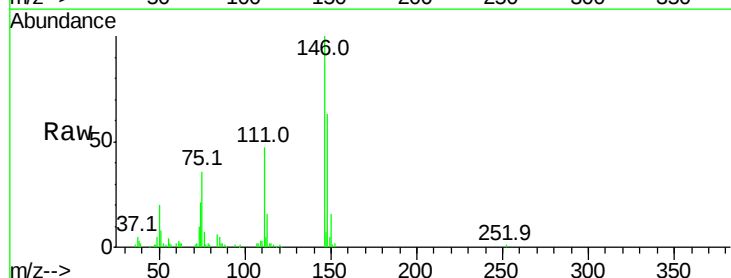
RT: 8.64 min Scan# 859

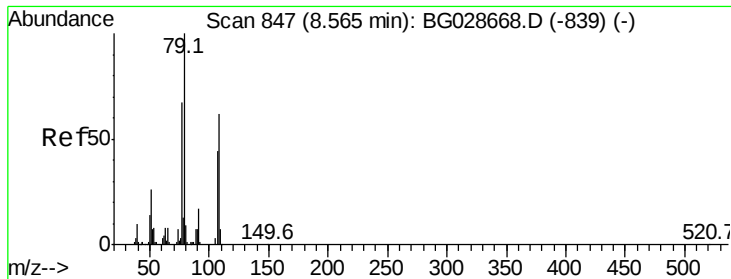
Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 88741 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 63.0  | 54.6  | 81.8  |
| 111       | 47.3  | 39.7  | 59.5  |





#15

Benzyl Alcohol

Concen: 32.432 ng

RT: 8.51 min Scan# 838

Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

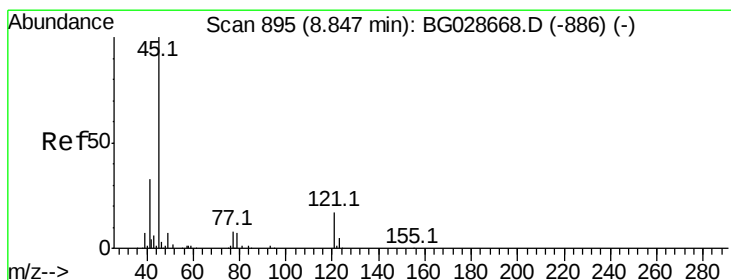
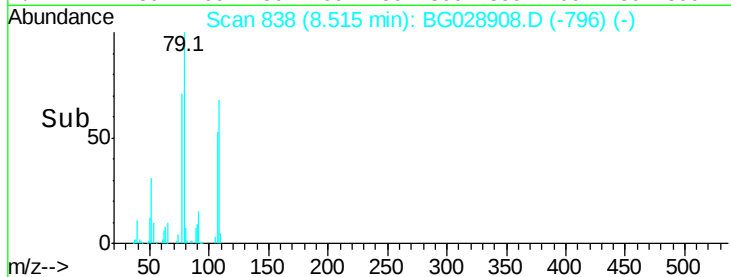
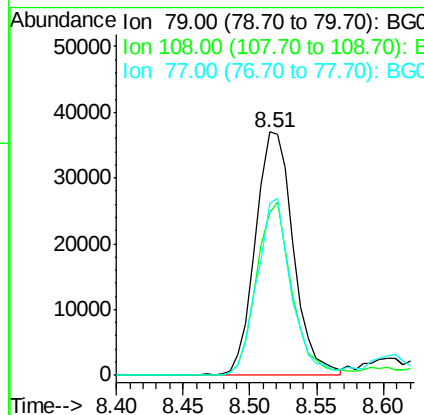
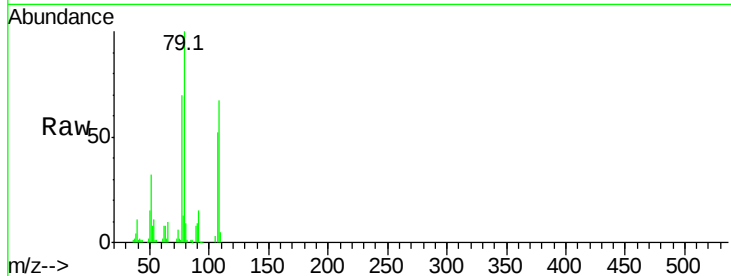
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 72751 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 66.9  | 45.5  | 68.3  |
| 77        | 70.4  | 54.3  | 81.5  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.680 ng

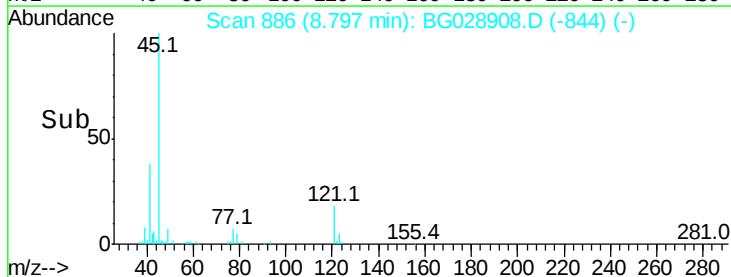
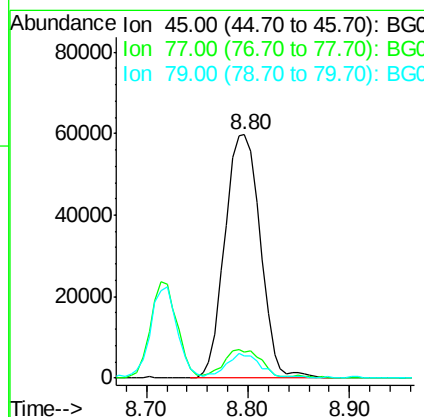
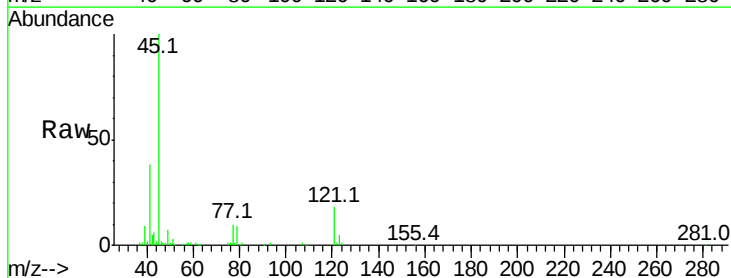
RT: 8.80 min Scan# 886

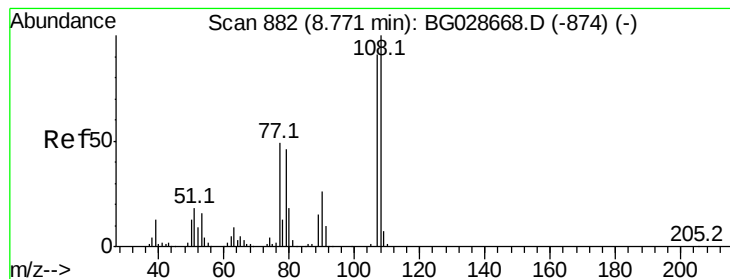
Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 145146 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 10.4  | 0.0   | 30.6   |
| 79        | 9.0   | 0.0   | 28.5   |





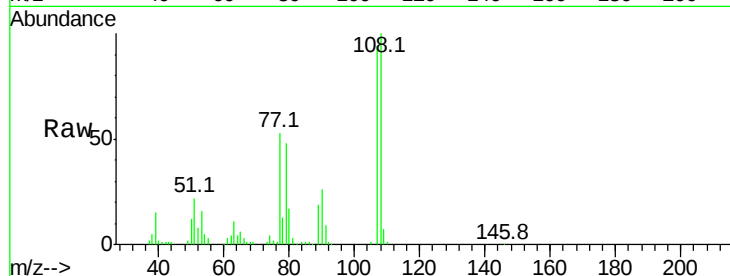
#17  
2-Methylphenol  
Concen: 37.898 ng  
RT: 8.71 min Scan# 872  
Delta R.T. -0.06 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

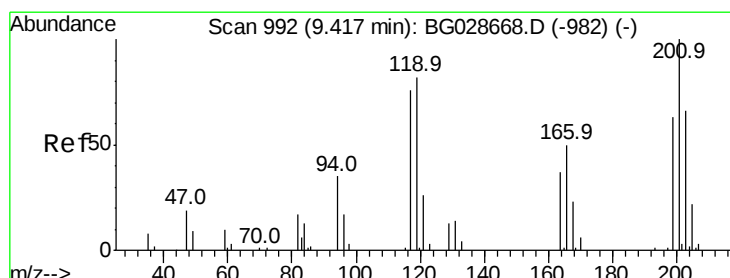
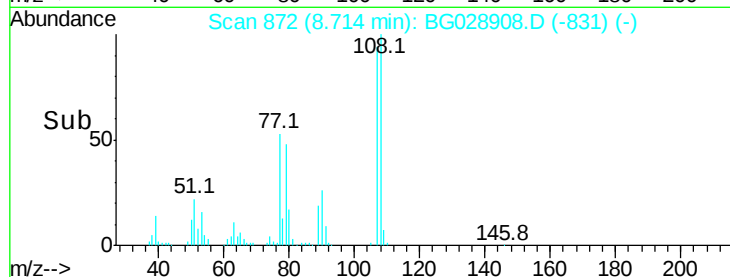
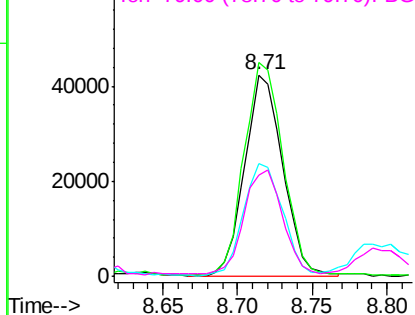
| Tot Ion | 107   | Resp  | 75103 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 107     | 100   |       |       |
| 108     | 106.1 | 85.6  | 128.4 |
| 77      | 55.8  | 51.4  | 77.2  |
| 79      | 50.4  | 49.2  | 73.8  |

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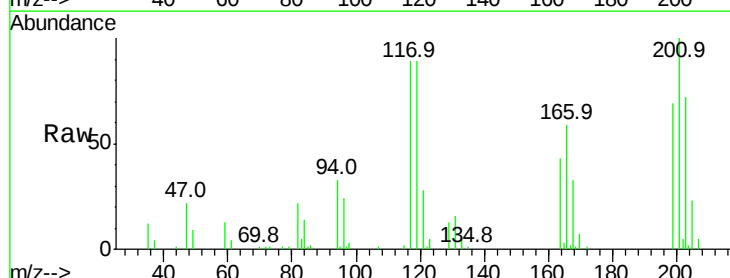


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

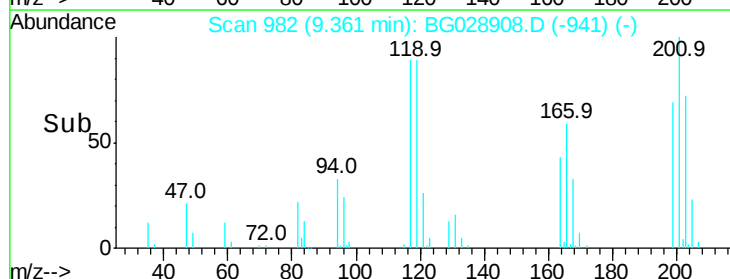
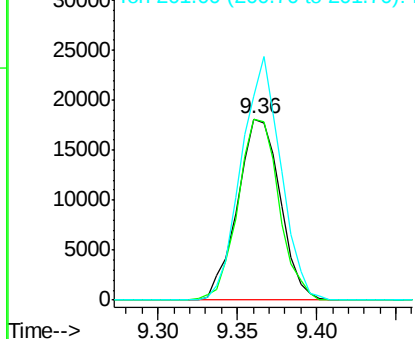


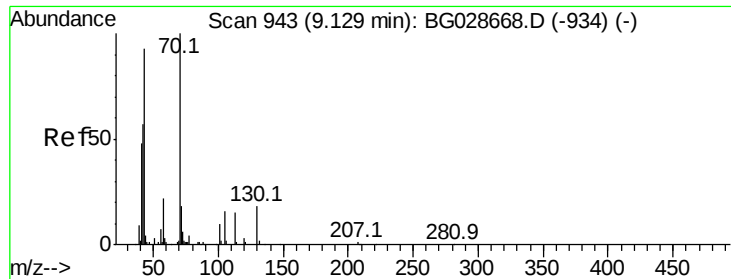
#18  
Hexachloroethane  
Concen: 39.256 ng  
RT: 9.36 min Scan# 982  
Delta R.T. -0.06 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | 117   | Resp  | 33895 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 117     | 100   |       |       |
| 119     | 100.0 | 69.8  | 104.6 |
| 201     | 112.9 | 95.4  | 143.0 |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





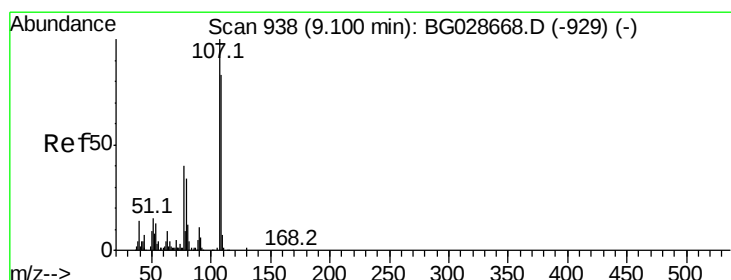
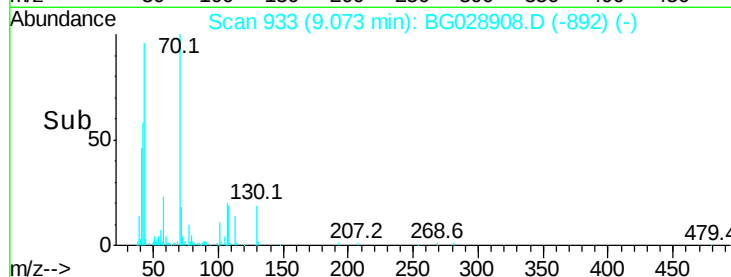
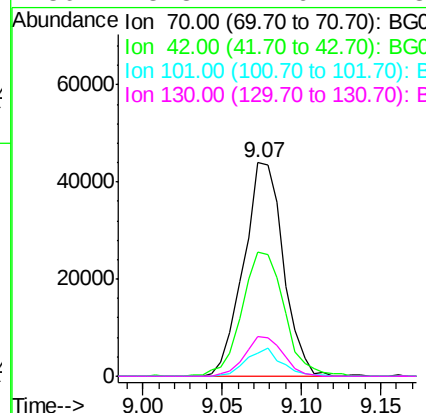
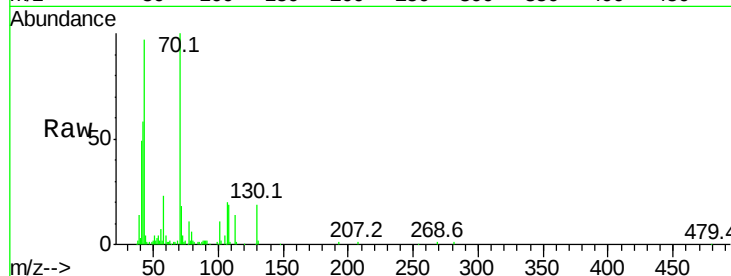
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.520 ng  
RT: 9.07 min Scan# 933  
Delta R.T. -0.06 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 57.9 | 56.1  | 84.1  |       |
| 101     | 10.6 | 7.5   | 11.3  |       |
| 130     | 18.8 | 14.6  | 21.8  |       |

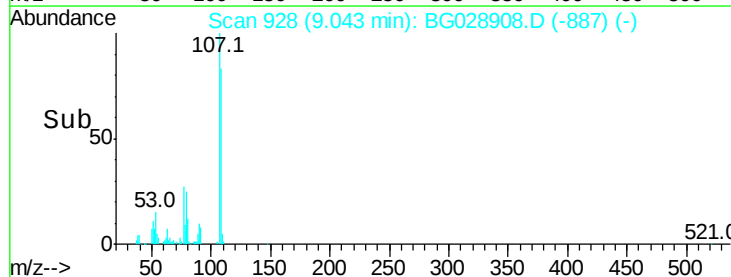
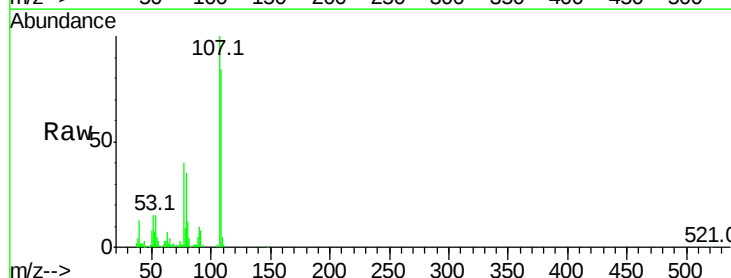
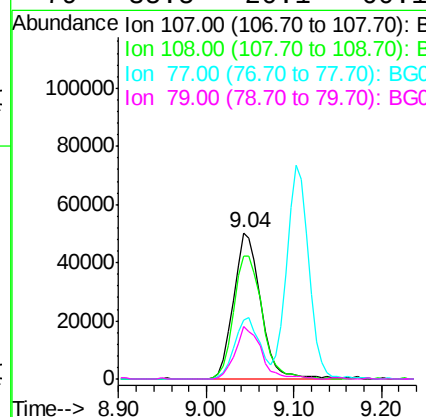
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#20  
3+4-Methylphenols  
Concen: 38.280 ng  
RT: 9.04 min Scan# 928  
Delta R.T. -0.06 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 83.5 | 70.8  | 110.8 |       |
| 77      | 40.1 | 25.8  | 65.8  |       |
| 79      | 35.5 | 20.1  | 60.1  |       |





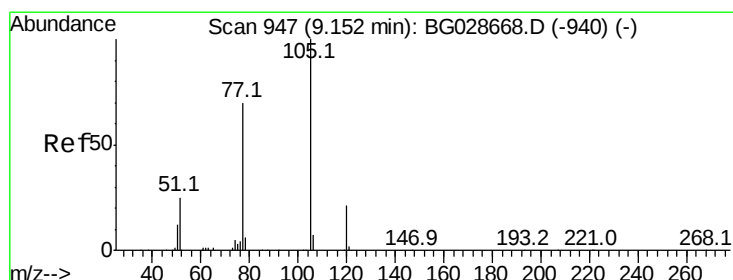
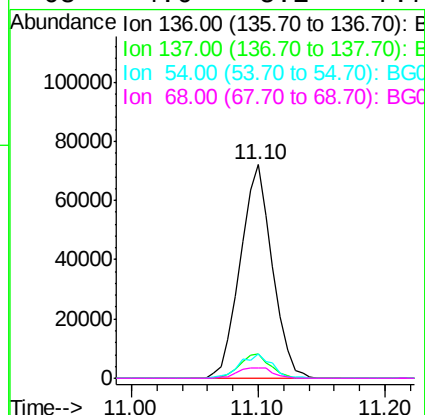
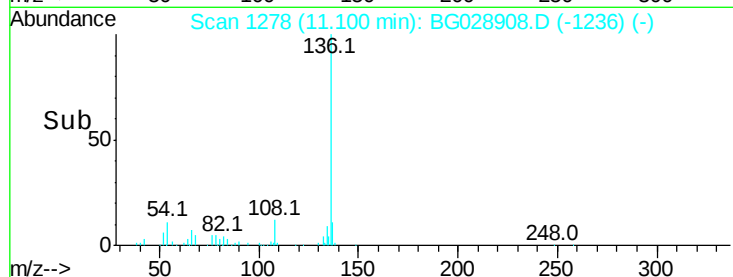
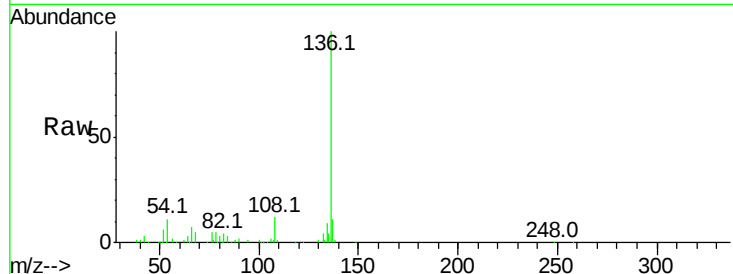
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.10 min Scan# 1278  
Delta R.T. -0.05 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.2  | 8.9  | 13.3  |       |
| 54      | 11.1  | 9.3  | 13.9  |       |
| 68      | 4.6   | 5.1  | 7.7#  |       |

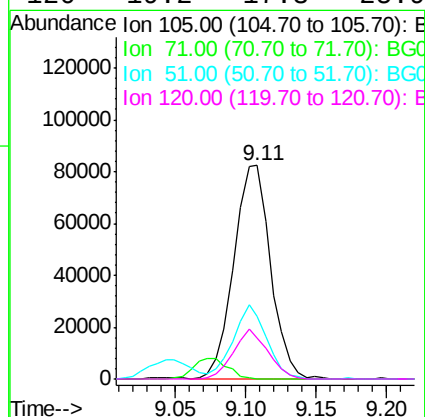
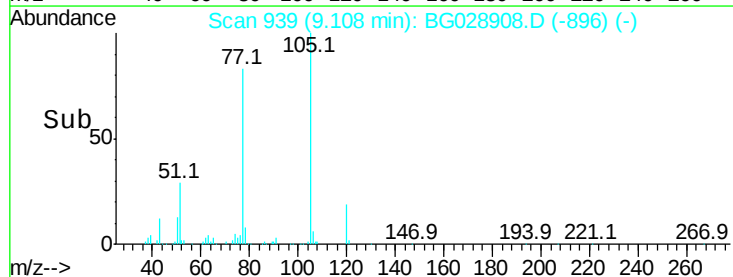
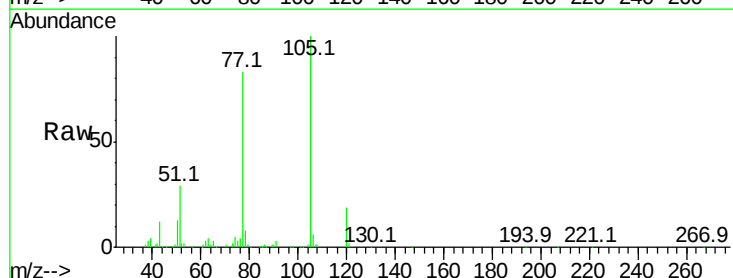
Manual Integrations  
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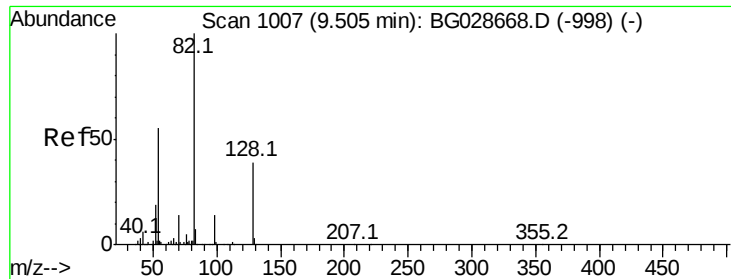
Sohil  
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#22  
Acetophenone  
Concen: 40.547 ng  
RT: 9.11 min Scan# 939  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.0   | 0.9  | 1.3#  |       |
| 51      | 29.4  | 34.0 | 51.0# |       |
| 120     | 19.2  | 17.3 | 25.9  |       |





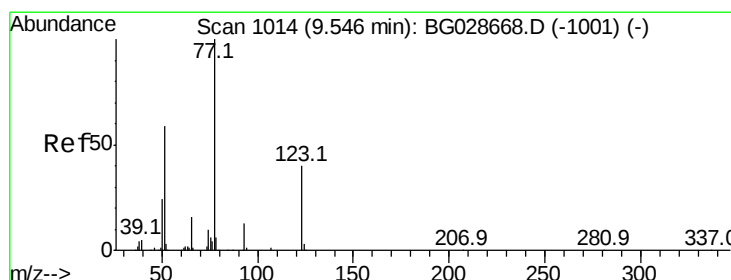
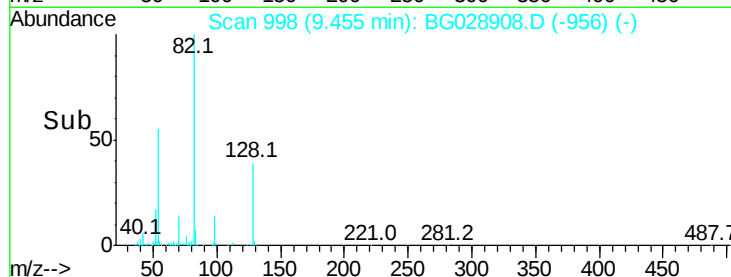
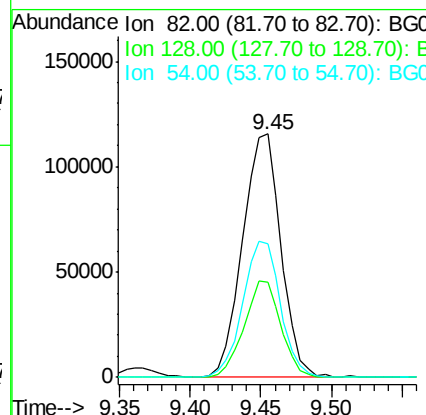
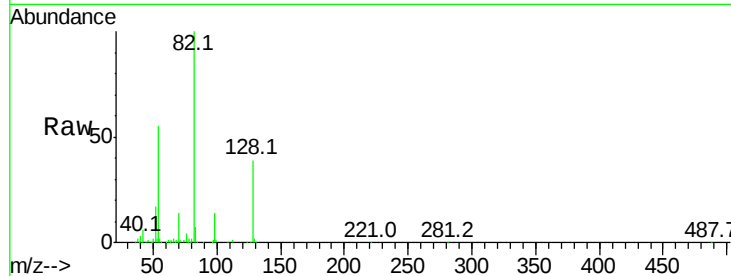
#23  
 Nitrobenzene-d5  
 Concen: 83.778 ng  
 RT: 9.45 min Scan# 998  
 Delta R.T. -0.05 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 219653 |       |       |
| 128     | 39.0  | 26.4   | 39.6  |       |
| 54      | 54.7  | 49.4   | 74.2  |       |

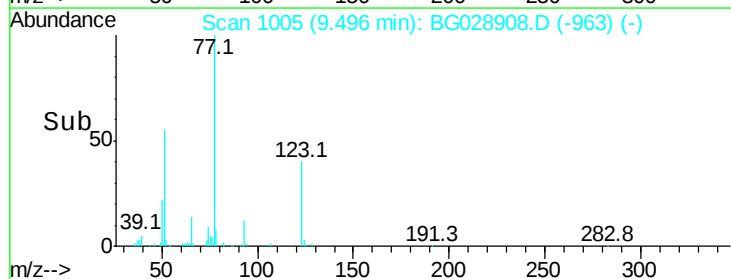
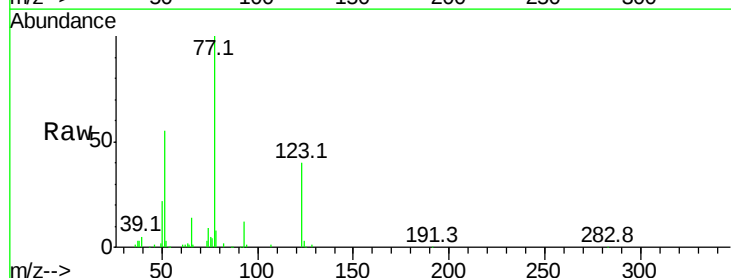
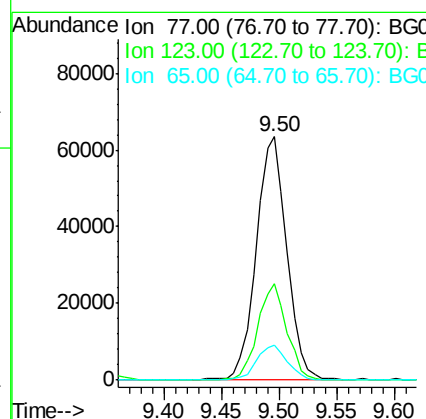
Manual Integrations  
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 9/26/2017 8:42:47 AM



#24  
 Nitrobenzene  
 Concen: 40.279 ng  
 RT: 9.50 min Scan# 1005  
 Delta R.T. -0.05 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 116939 |       |       |
| 123     | 39.6  | 26.1   | 39.1# |       |
| 65      | 14.5  | 12.4   | 18.6  |       |





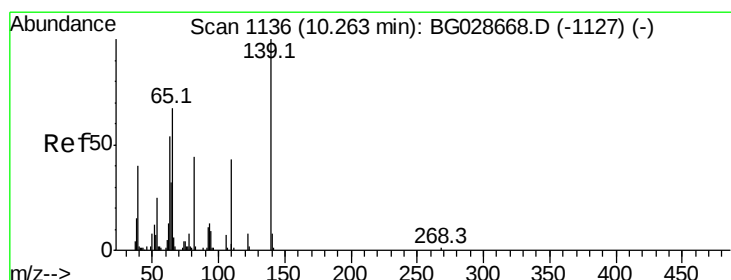
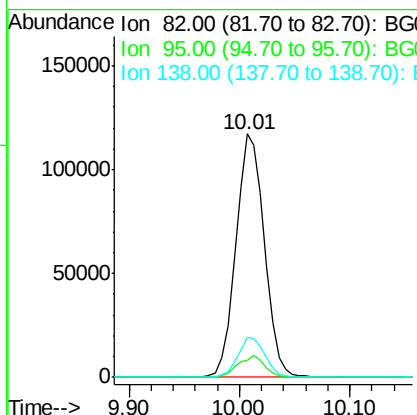
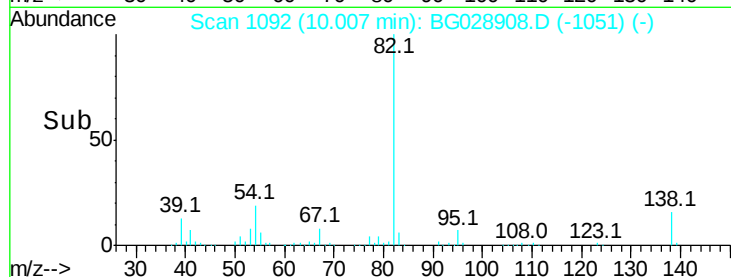
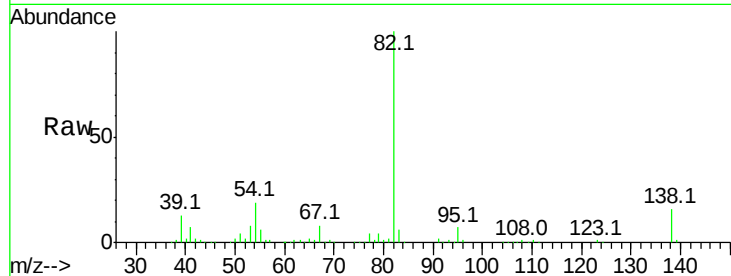
#25  
Isophorone  
Concen: 39.967 ng  
RT: 10.01 min Scan# 1092  
Delta R.T. -0.06 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 212026 |       |       |
| 95      | 7.2   | 7.5    | 11.3  |       |
| 138     | 16.3  | 12.3   | 18.5  |       |

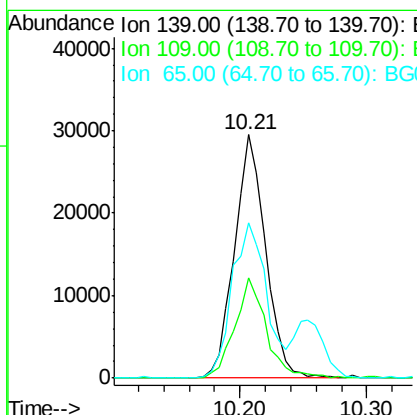
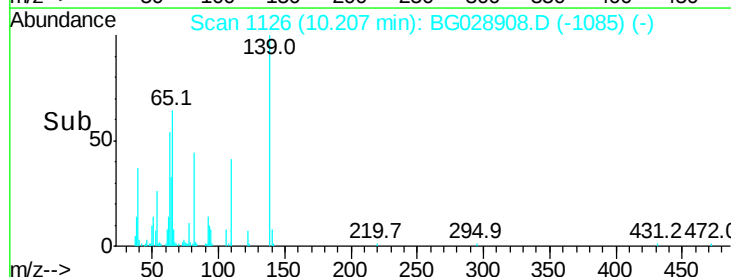
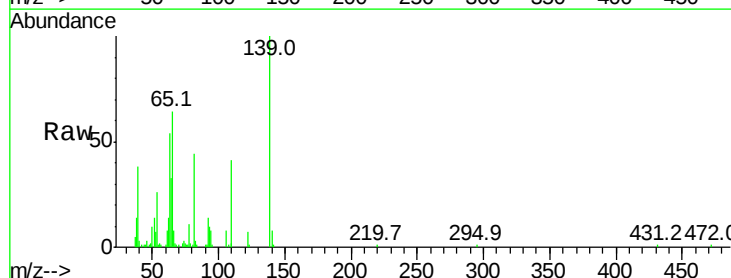
Manual Integrations  
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#26  
2-Nitrophenol  
Concen: 40.499 ng  
RT: 10.21 min Scan# 1126  
Delta R.T. -0.06 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 50042 |       |       |
| 109     | 41.0  | 38.6  | 58.0  |       |
| 65      | 63.5  | 57.1  | 85.7  |       |





#27

2,4-Dimethylphenol

Concen: 37.865 ng

RT: 10.25 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

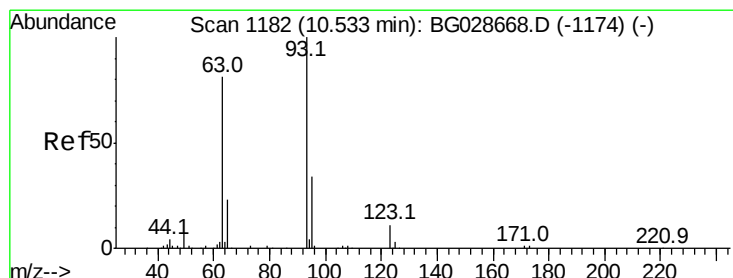
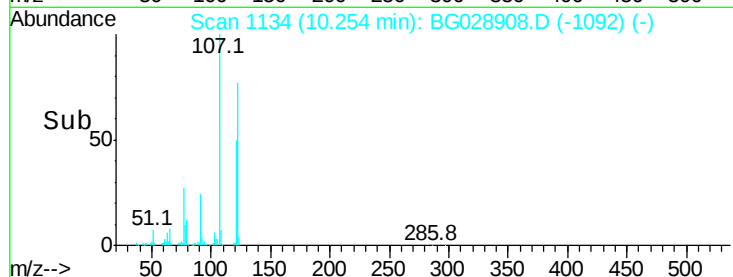
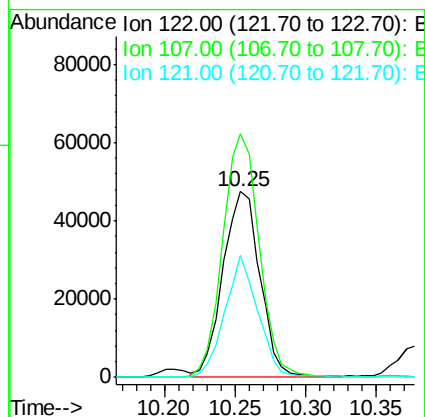
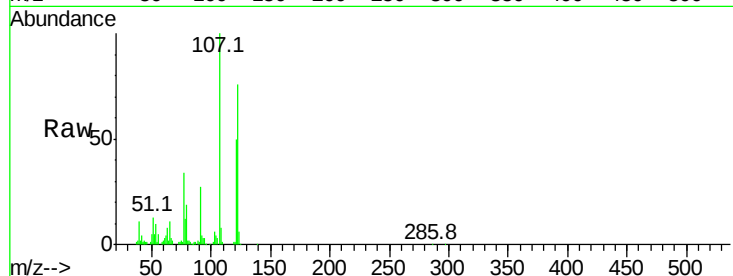
ClientSampleId :

SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 122   | Resp: | 85523 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 131.0 | 104.2 | 156.4 |
| 121      | 65.7  | 46.0  | 69.0  |

Manual Integrations  
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#28

bis(2-Chloroethoxy)methane

Concen: 39.397 ng

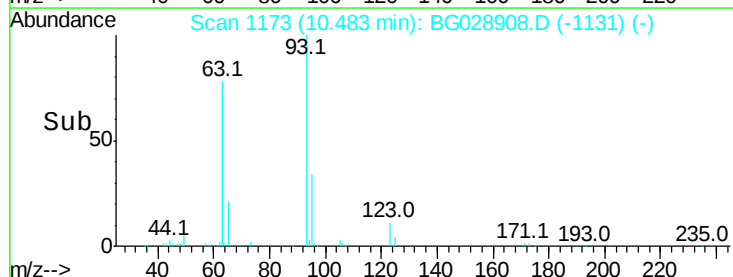
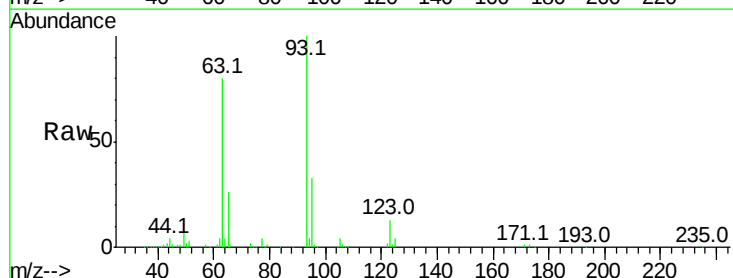
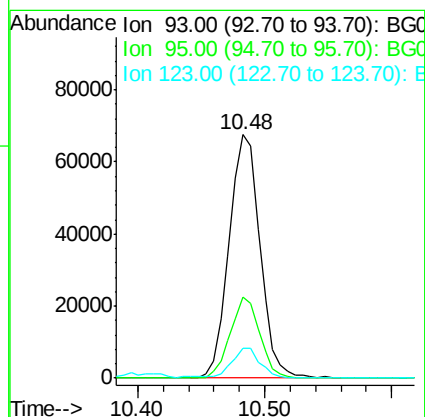
RT: 10.48 min Scan# 1173

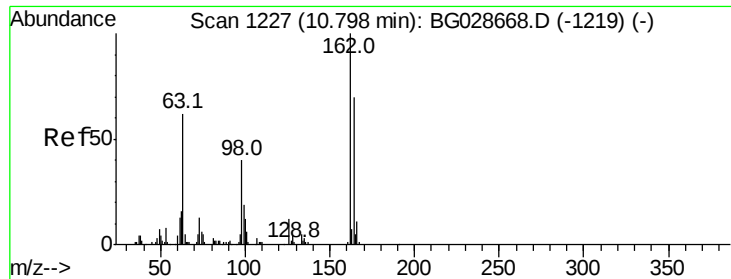
Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 113499 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 33.2  | 25.7  | 38.5   |
| 123      | 12.5  | 8.3   | 12.5#  |





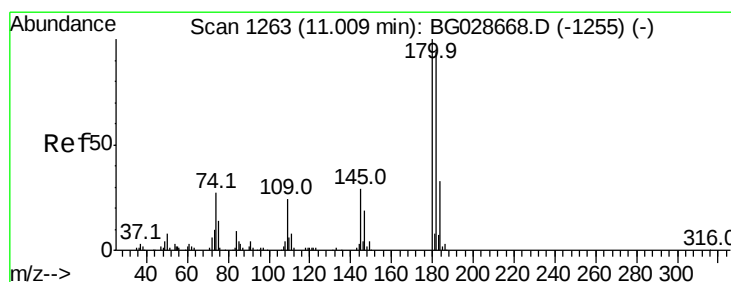
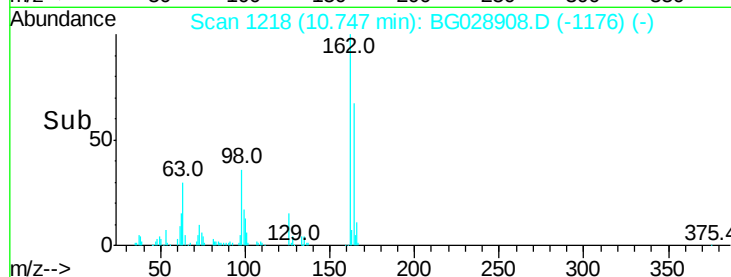
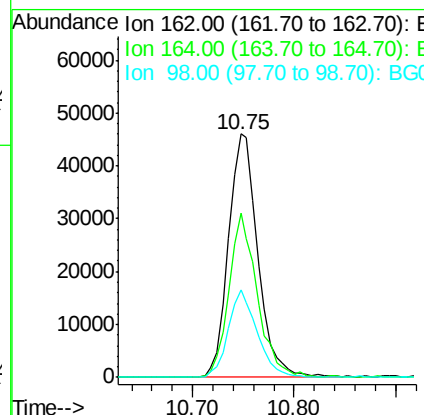
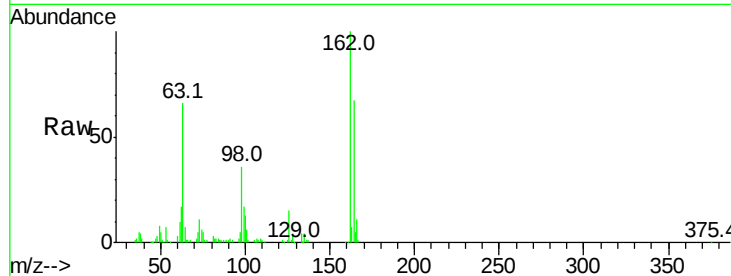
#29  
 2,4-Dichlorophenol  
 Concen: 41.112 ng  
 RT: 10.75 min Scan# 1218  
 Delta R.T. -0.05 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 164     | 67.2  | 42.4 | 82.4  |       |
| 98      | 36.0  | 20.3 | 60.3  |       |

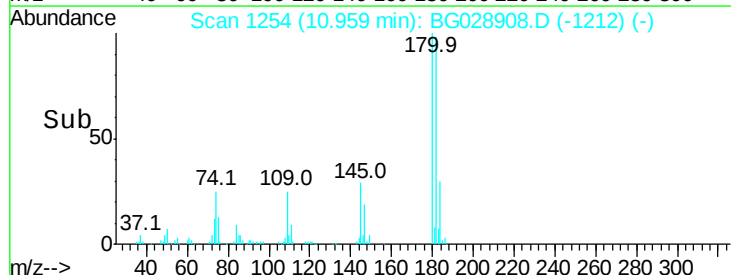
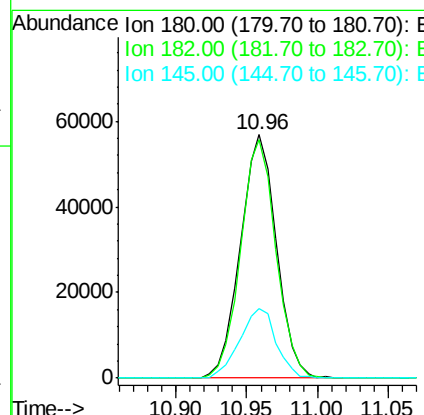
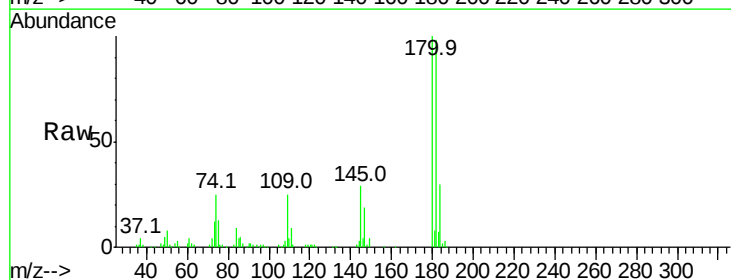
Manual Integrations  
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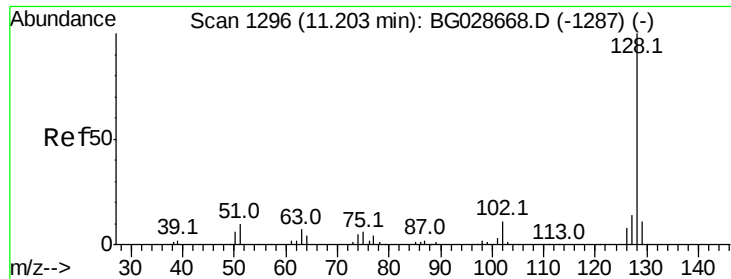
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.600 ng  
 RT: 10.96 min Scan# 1254  
 Delta R.T. -0.05 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 98.0  | 77.0 | 115.4 |       |
| 145     | 28.8  | 23.4 | 35.0  |       |





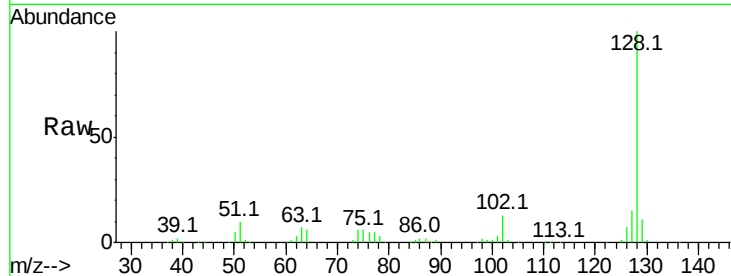
#31  
Naphthalene  
Concen: 40.438 ng  
RT: 11.15 min Scan# 1287  
Delta R.T. -0.05 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

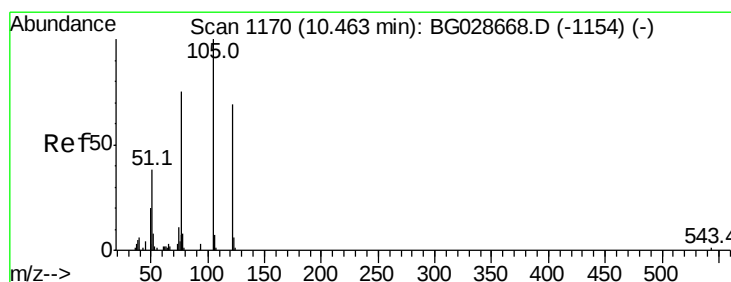
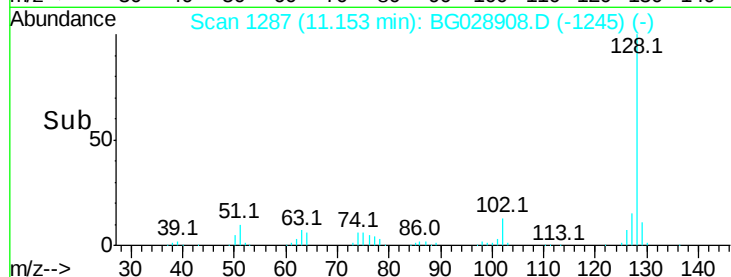
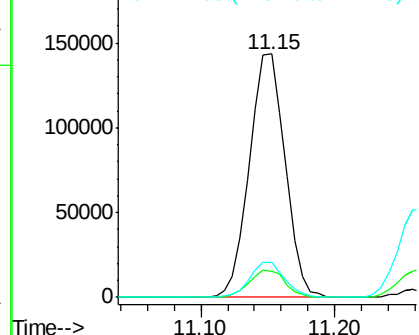
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.7  | 9.3   | 13.9  |
| 127     | 14.6  | 11.4  | 17.0  |

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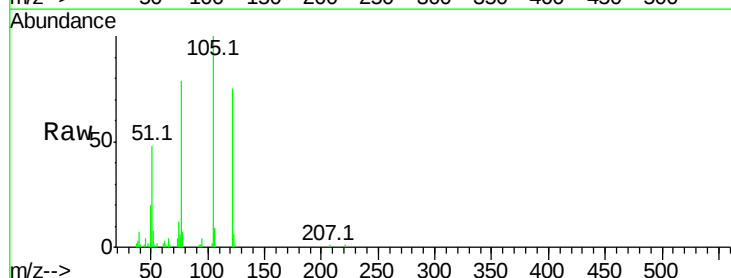


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

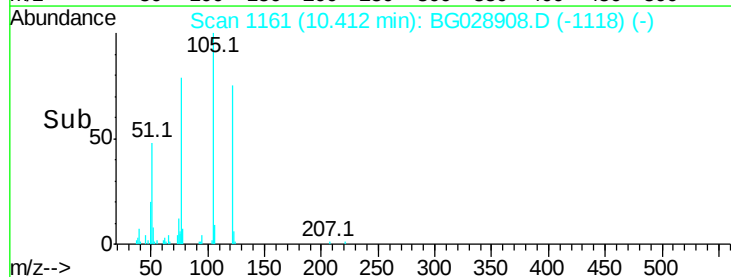
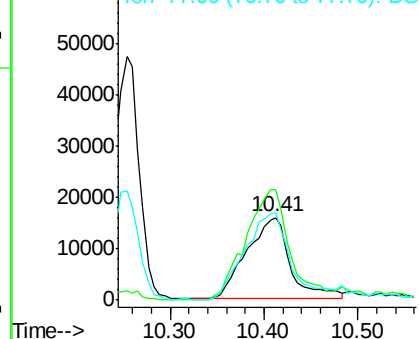


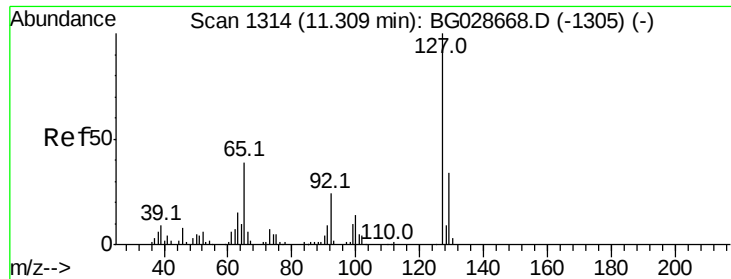
#32  
Benzoic acid  
Concen: 34.068 ng  
RT: 10.41 min Scan# 1161  
Delta R.T. -0.05 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 132.8 | 120.1 | 160.1 |
| 77      | 105.2 | 104.6 | 144.6 |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG





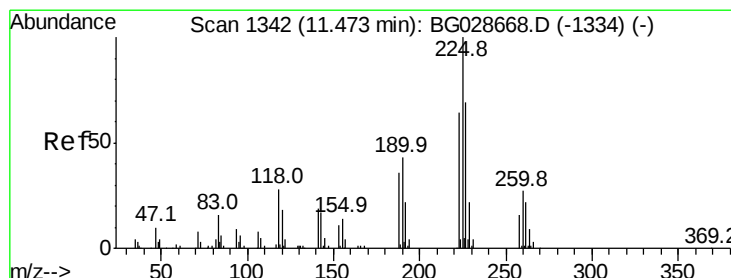
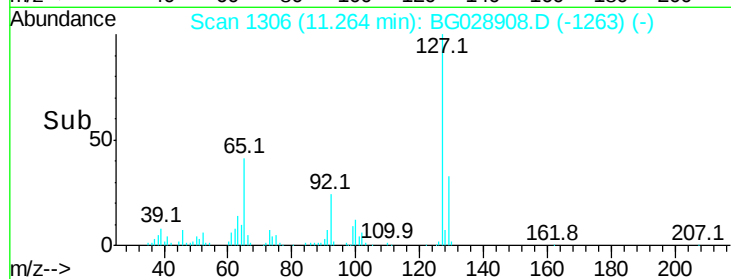
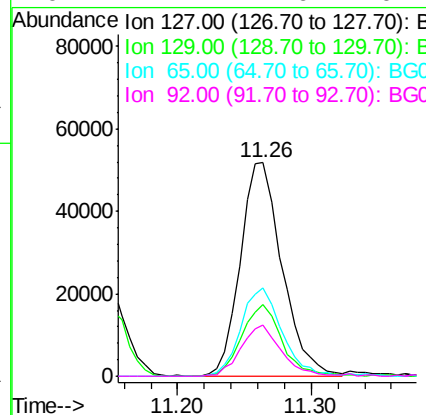
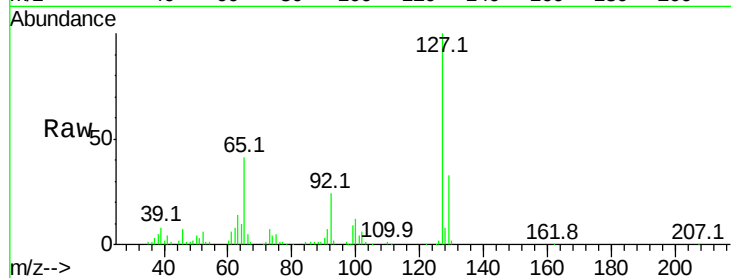
#33  
4-Chloroaniline  
Concen: 40.915 ng  
RT: 11.26 min Scan# 1306  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 33.4  | 23.6 | 35.4  |       |
| 65      | 41.2  | 37.7 | 56.5  |       |
| 92      | 24.1  | 17.6 | 26.4  |       |

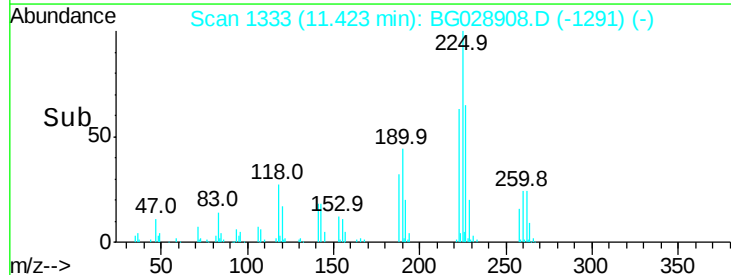
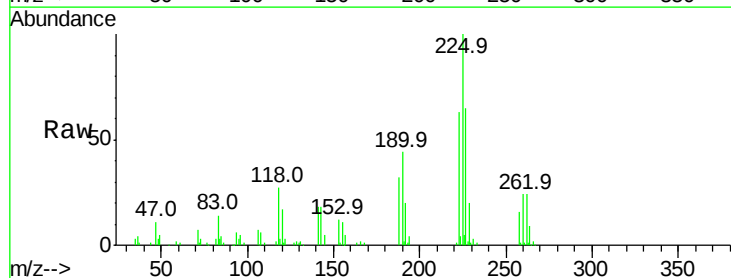
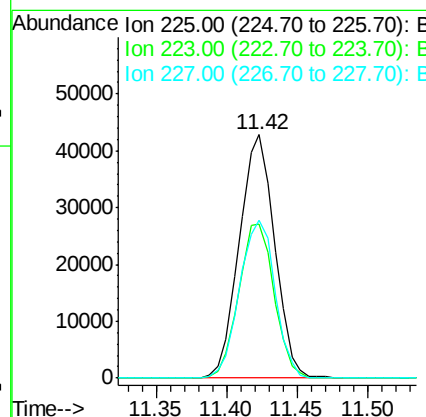
Manual Integrations  
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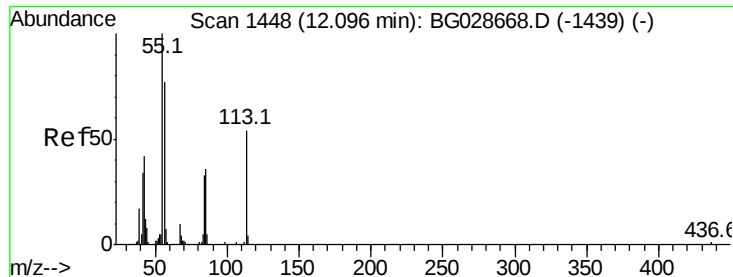
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#34  
Hexachlorobutadiene  
Concen: 39.669 ng  
RT: 11.42 min Scan# 1333  
Delta R.T. -0.05 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.2  | 50.7 | 76.1  |       |
| 227     | 64.6  | 49.0 | 73.6  |       |





#35

Caprolactam

Concen: 46.795 ng

RT: 12.03 min Scan# 1437

Delta R.T. -0.06 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

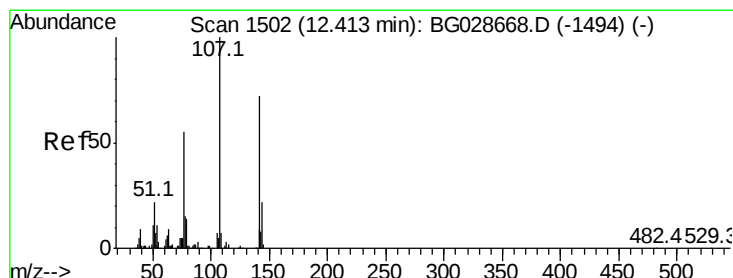
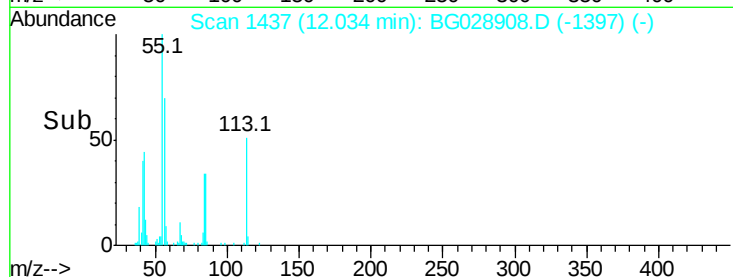
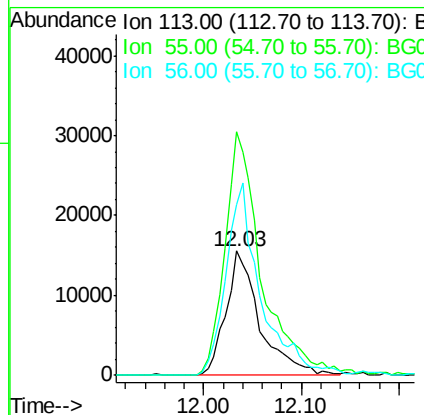
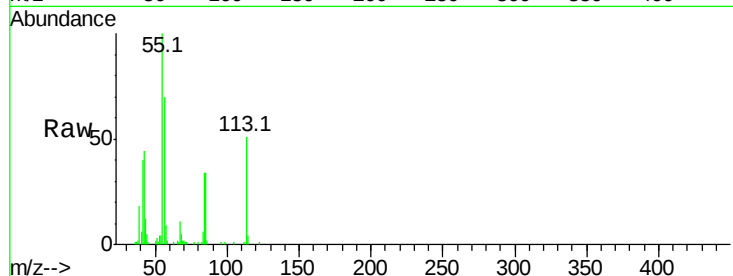
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 195.7 | 198.6 | 238.6# |
| 56      | 137.5 | 140.4 | 180.4# |

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#36

4-Chloro-3-methylphenol

Concen: 41.308 ng

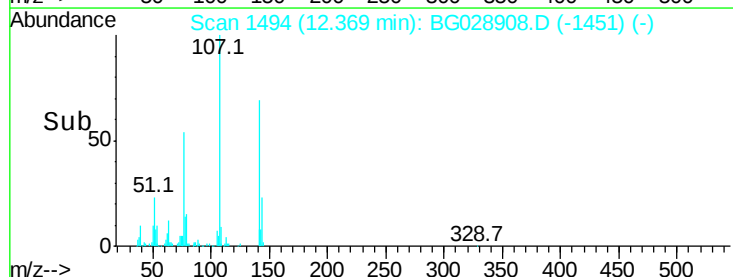
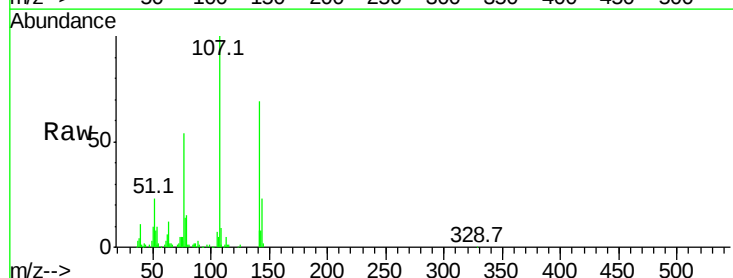
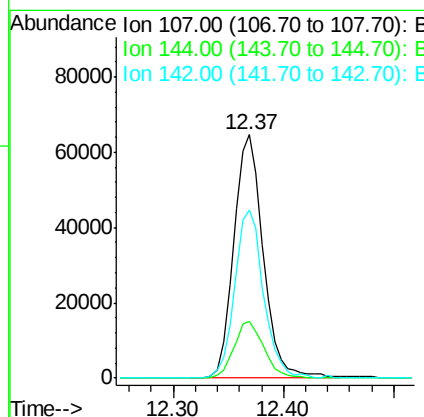
RT: 12.37 min Scan# 1494

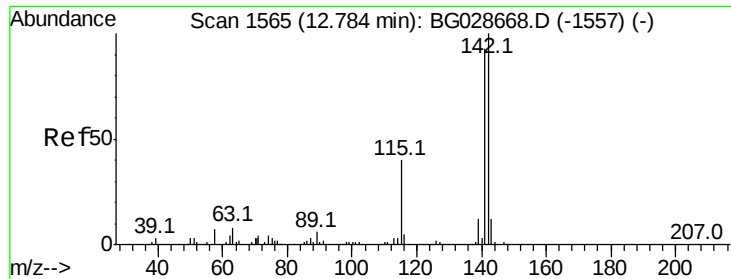
Delta R.T. -0.04 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.4  | 17.4  | 26.0  |
| 142     | 69.0  | 54.1  | 81.1  |





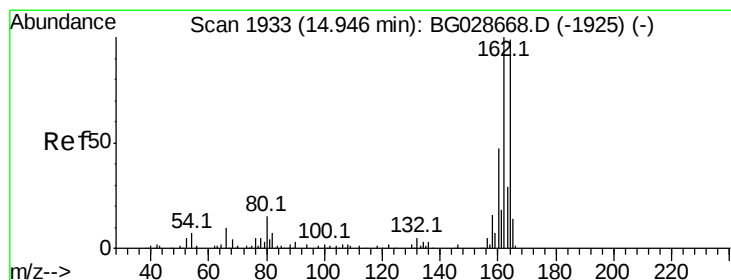
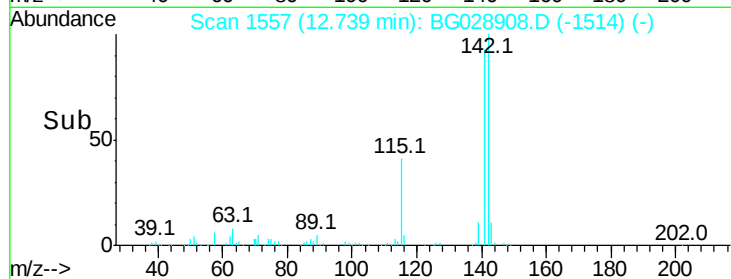
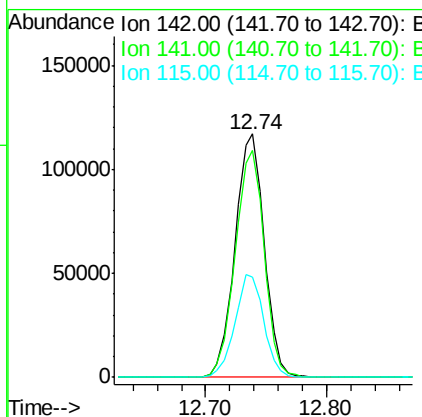
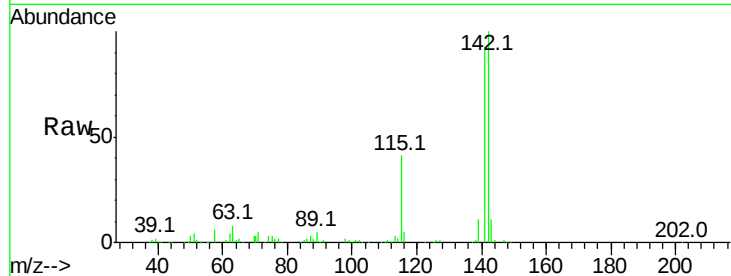
#37  
2-Methylnaphthalene  
Concen: 40.321 ng  
RT: 12.74 min Scan# 1557  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.2  | 70.4  | 105.6 |
| 115     | 41.1  | 35.5  | 53.3  |

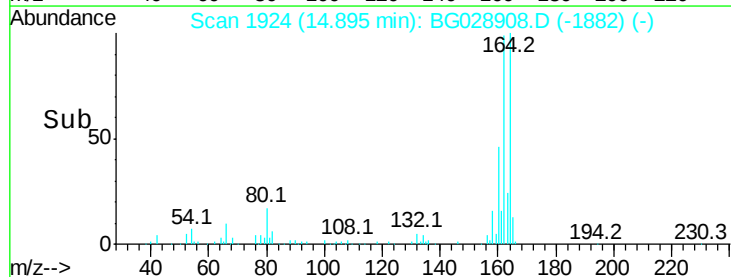
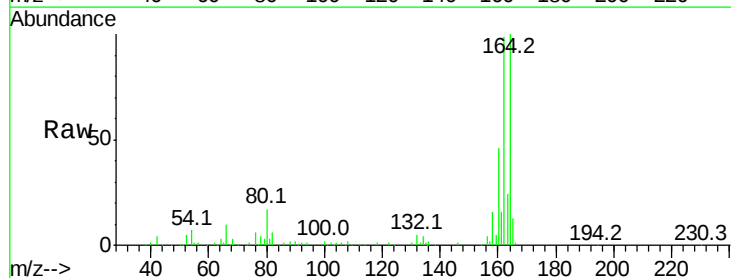
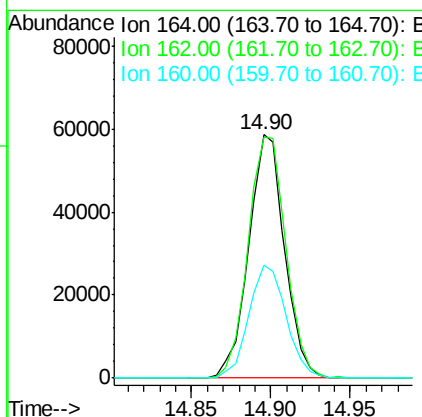
Manual Integrations  
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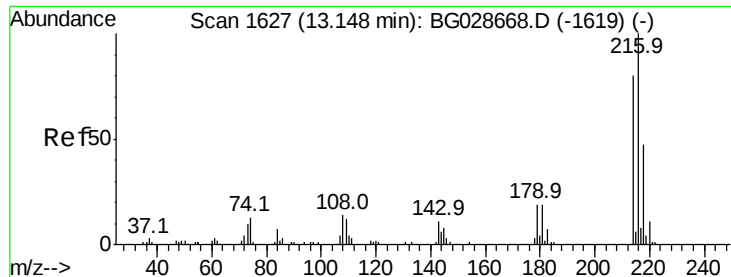
Sohil  
9/26/2017 8:42:47 AM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.90 min Scan# 1924  
Delta R.T. -0.05 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.2  | 85.1  | 127.7 |
| 160     | 46.4  | 34.7  | 52.1  |





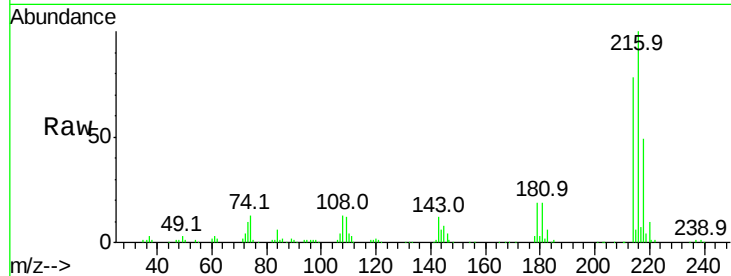
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.266 ng  
 RT: 13.10 min Scan# 1619  
 Delta R.T. -0.04 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

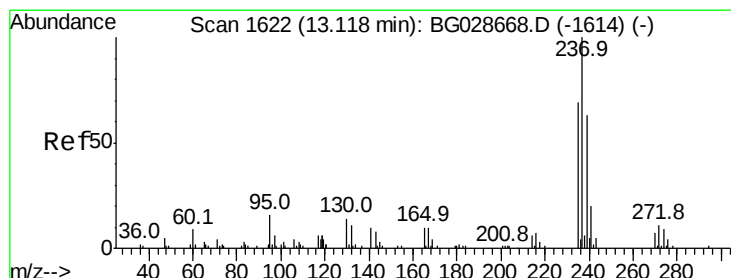
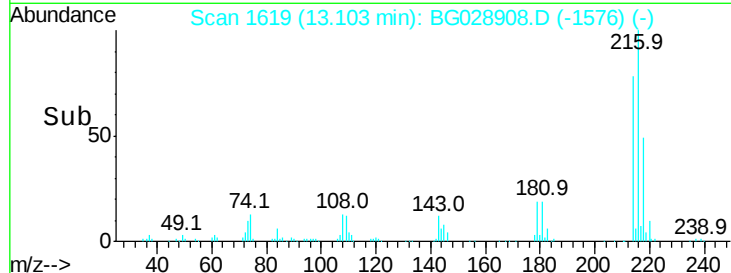
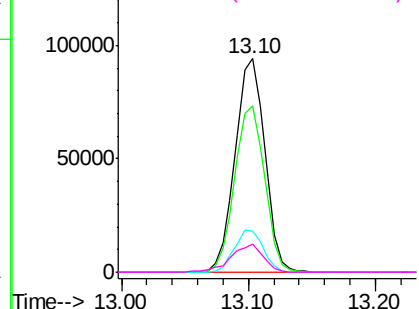
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 78.5  | 64.4       | 96.6  |
| 179     | 19.5  | 17.4       | 26.0  |
| 108     | 14.6  | 15.6       | 23.4  |

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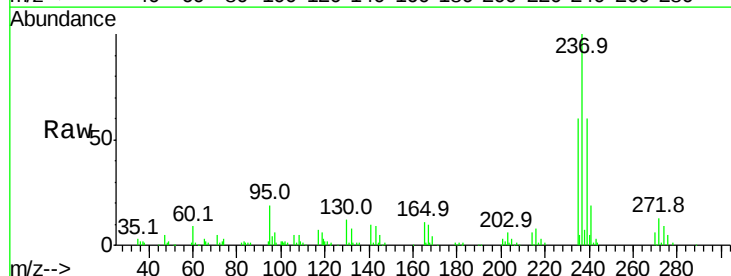


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

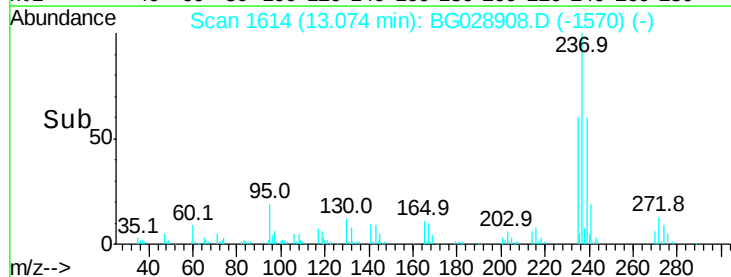
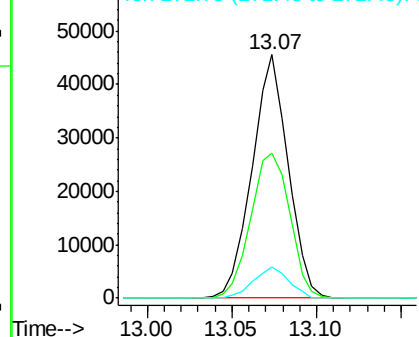


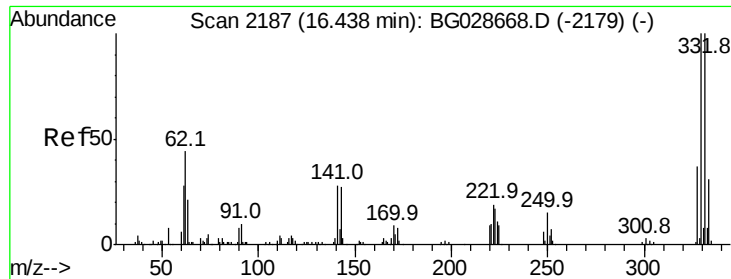
#40  
 Hexachlorocyclopentadiene  
 Concen: 49.309 ng  
 RT: 13.07 min Scan# 1614  
 Delta R.T. -0.04 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 59.7  | 39.4       | 79.4  |
| 272     | 12.8  | 0.0        | 32.0  |



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





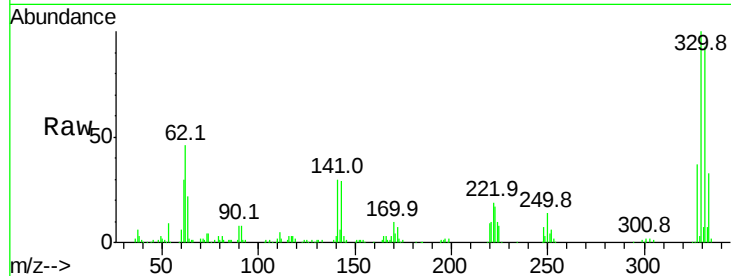
#41  
 2,4,6-Tribromophenol  
 Concen: 94.259 ng  
 RT: 16.39 min Scan# 2178  
 Delta R.T. -0.05 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

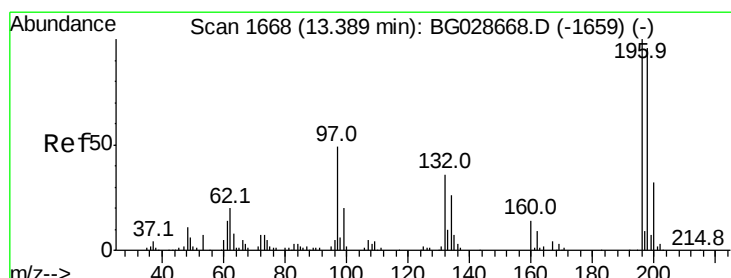
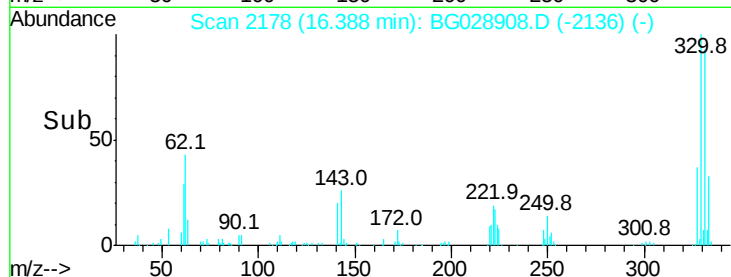
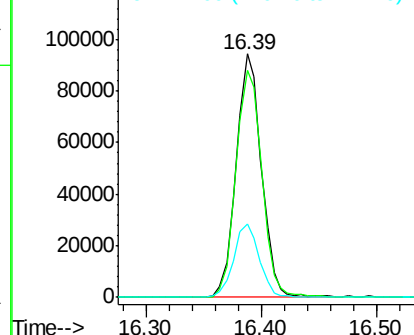
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 143251 |       |       |
| 332     | 95.8  | 77.3   | 115.9 |       |
| 141     | 30.6  | 32.1   | 48.1# |       |

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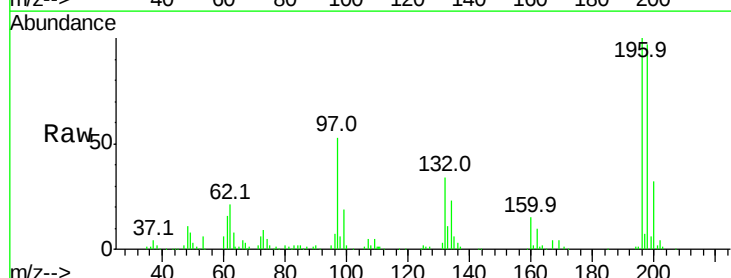


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

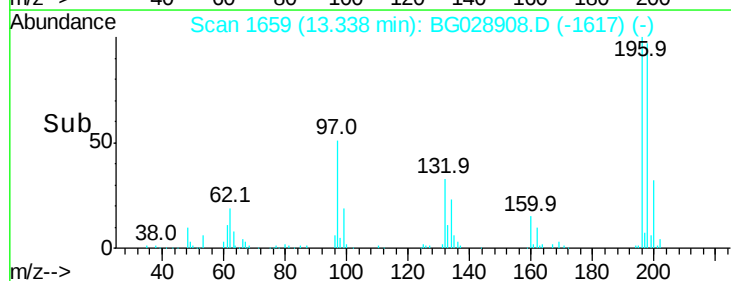
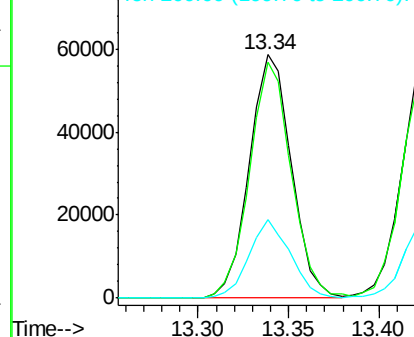


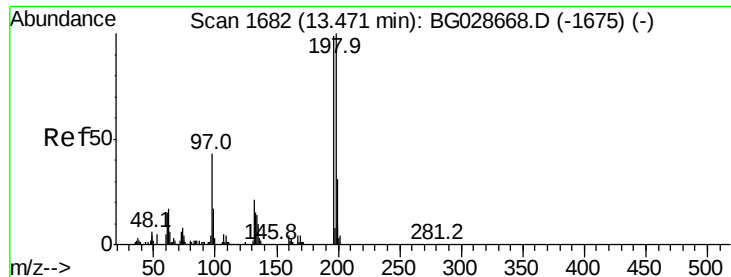
#42  
 2,4,6-Trichlorophenol  
 Concen: 39.363 ng  
 RT: 13.34 min Scan# 1659  
 Delta R.T. -0.05 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 94390 |       |       |
| 198     | 97.0  | 81.4  | 122.2 |       |
| 200     | 32.2  | 27.0  | 40.6  |       |



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





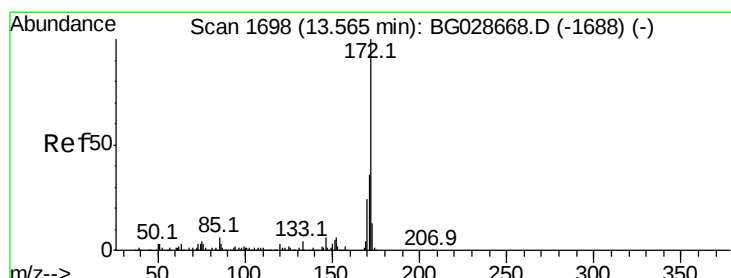
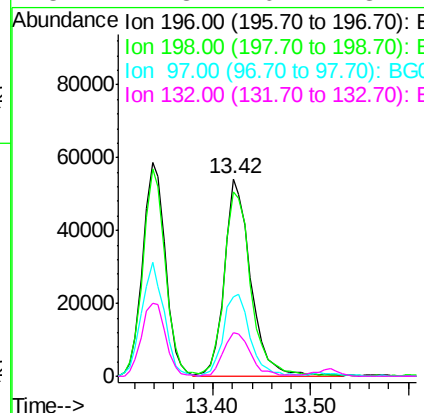
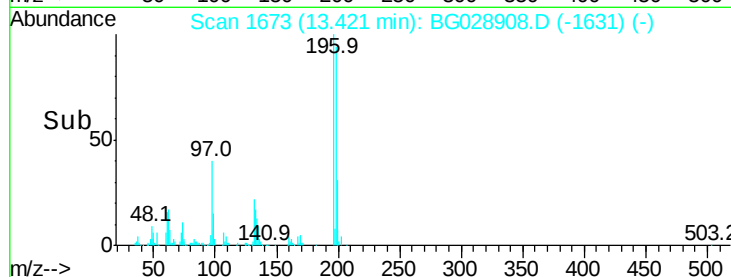
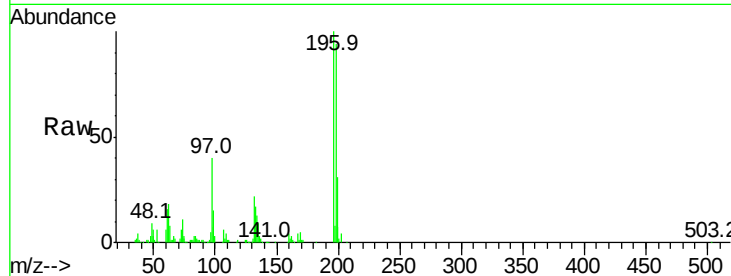
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.375 ng  
 RT: 13.42 min Scan# 1673  
 Delta R.T. -0.05 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 99694 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 93.6  | 79.9  | 119.9 |
| 97        | 40.2  | 45.4  | 68.0# |
| 132       | 22.3  | 20.7  | 31.1  |

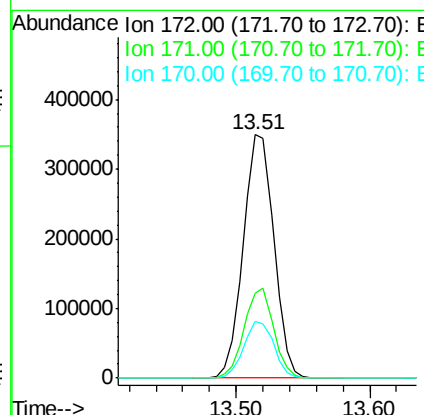
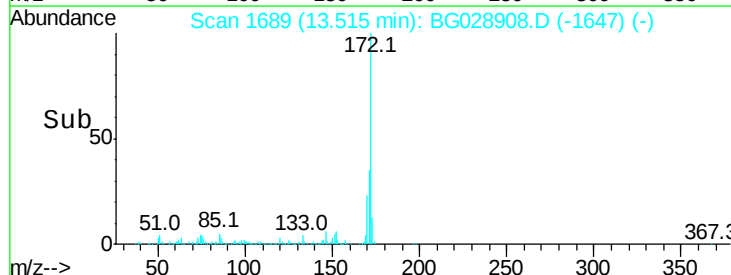
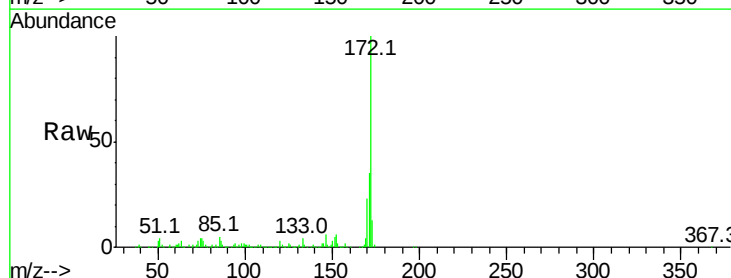
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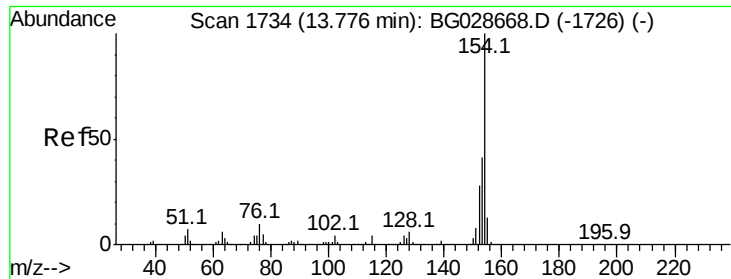
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#44  
 2-Fluorobiphenyl  
 Concen: 80.272 ng  
 RT: 13.51 min Scan# 1689  
 Delta R.T. -0.05 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 553160 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.1  | 32.2  | 48.2   |
| 170       | 23.4  | 21.8  | 32.6   |





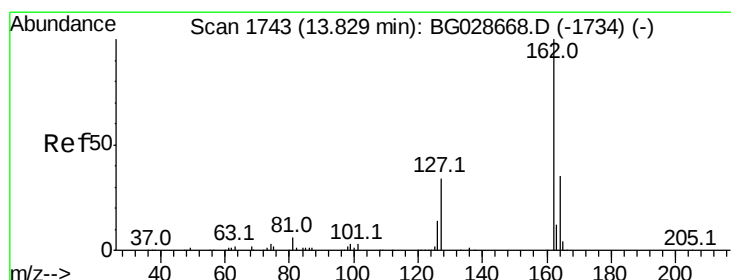
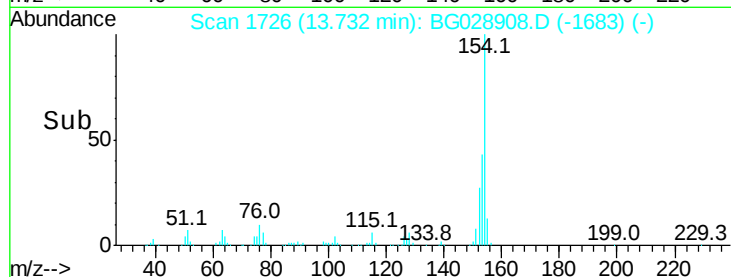
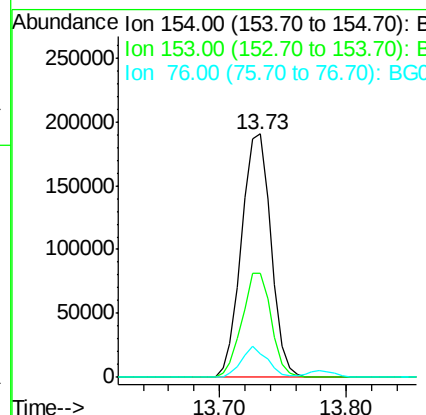
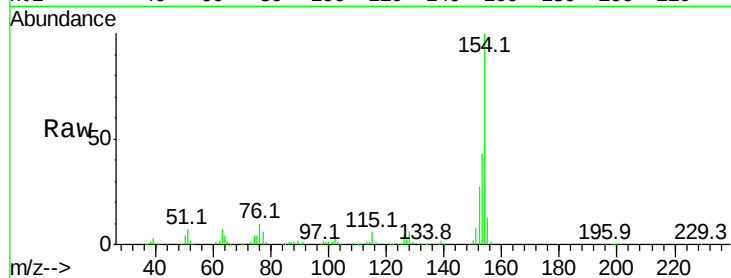
#45  
 1,1'-Biphenyl  
 Concen: 40.290 ng  
 RT: 13.73 min Scan# 1726  
 Delta R.T. -0.04 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.7  | 23.0  | 63.0  |
| 76      | 9.6   | 0.0   | 33.5  |

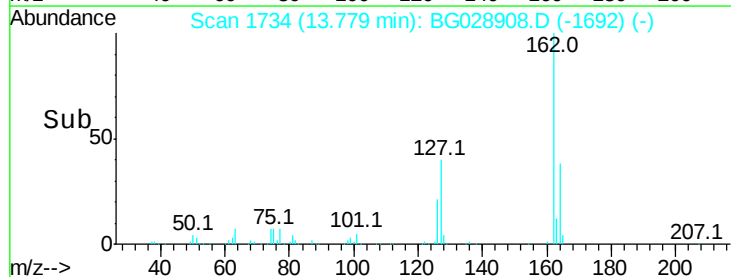
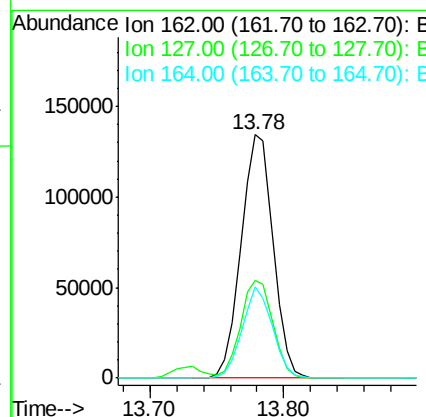
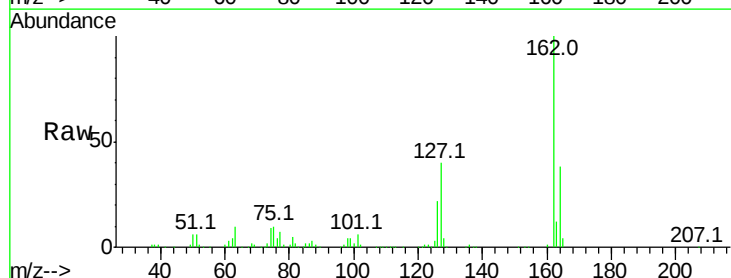
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#46  
 2-Chloronaphthalene  
 Concen: 40.075 ng  
 RT: 13.78 min Scan# 1734  
 Delta R.T. -0.05 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.3  | 32.2  | 48.4  |
| 164     | 37.7  | 27.3  | 40.9  |





#47

2-Nitroaniline

Concen: 44.498 ng

RT: 13.98 min Scan# 1769

Delta R.T. -0.04 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

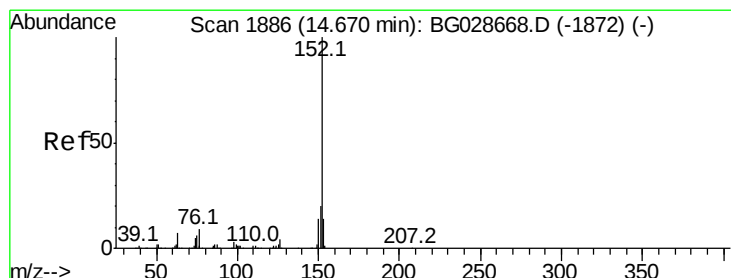
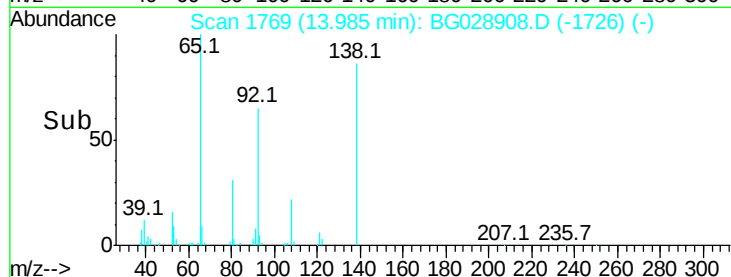
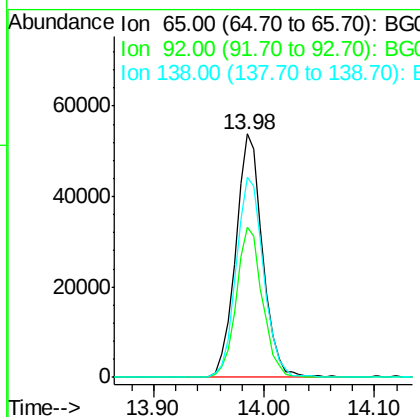
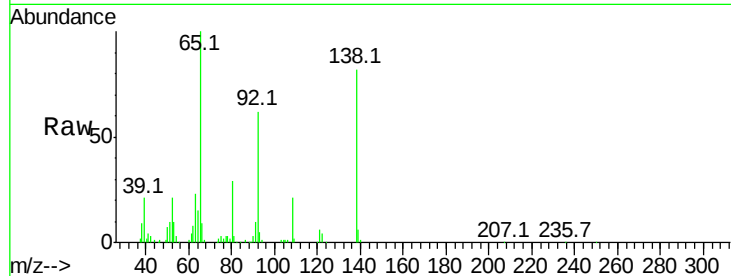
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 91768 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 61.9  | 49.0  | 73.4  |
| 138       | 82.4  | 58.6  | 87.8  |

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#48

Acenaphthylene

Concen: 41.034 ng

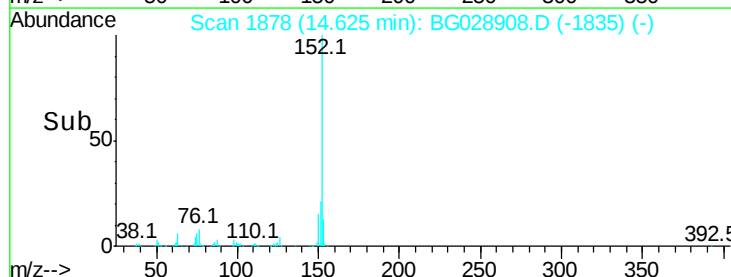
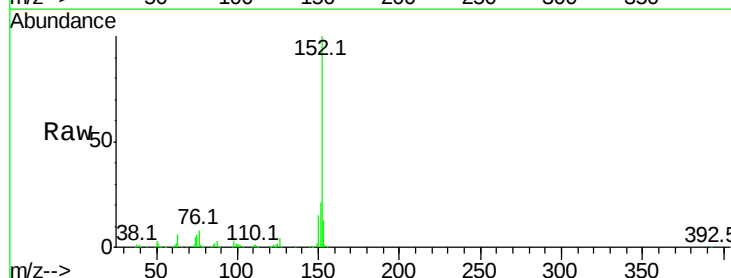
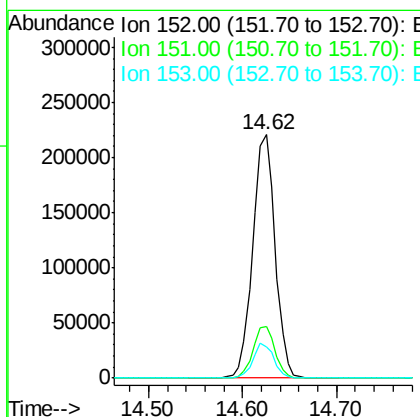
RT: 14.62 min Scan# 1878

Delta R.T. -0.04 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 363780 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.4  | 18.2  | 27.2   |
| 153       | 12.9  | 11.3  | 16.9   |





#49

Dimethylphthalate

Concen: 42.851 ng

RT: 14.34 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

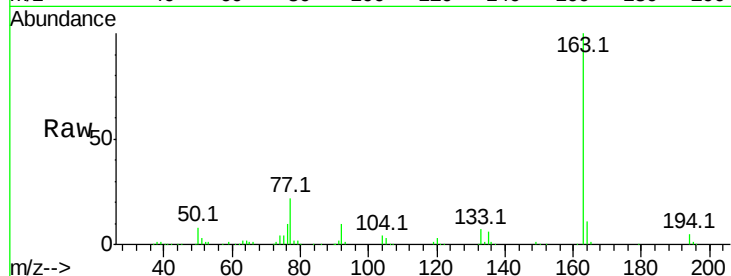
ClientSampleId :

SSTDCCC040

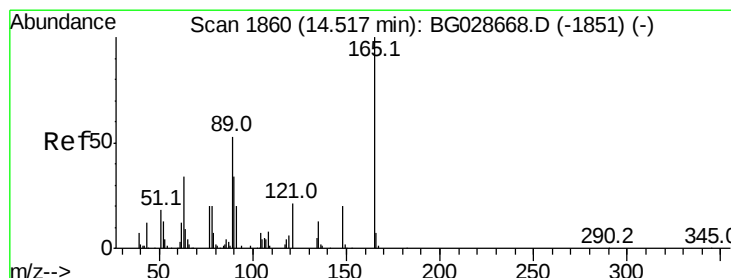
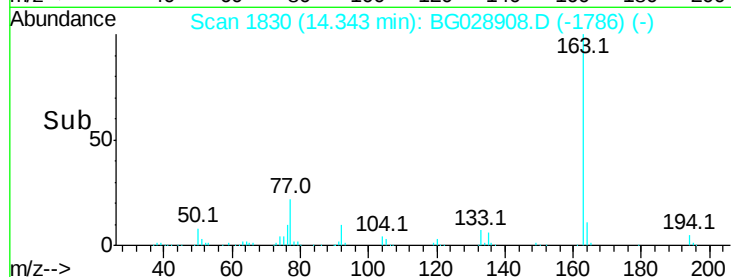
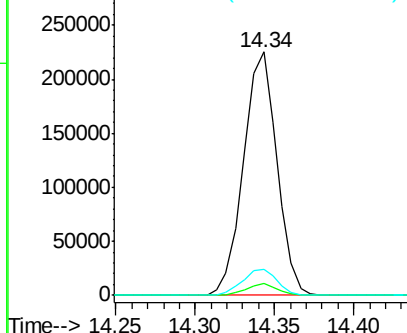
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 330179 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.9   | 3.8   | 5.6    |
| 164       | 10.6  | 9.3   | 13.9   |

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



#50

2,6-Dinitrotoluene

Concen: 43.490 ng

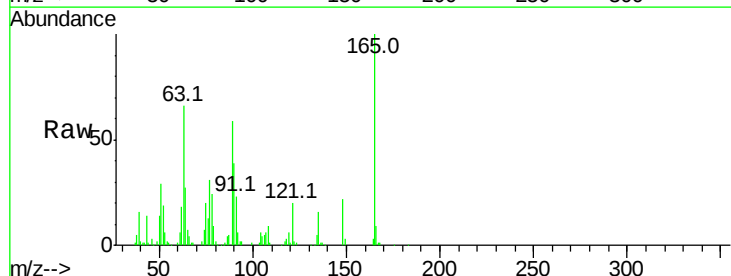
RT: 14.47 min Scan# 1852

Delta R.T. -0.04 min

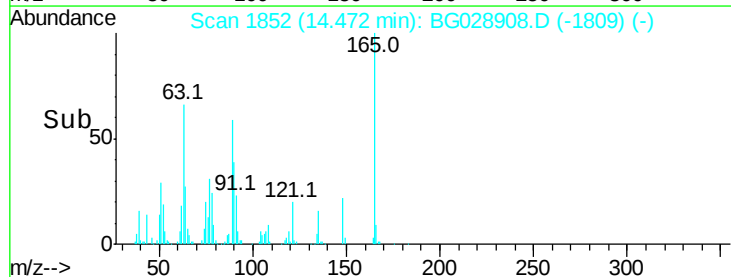
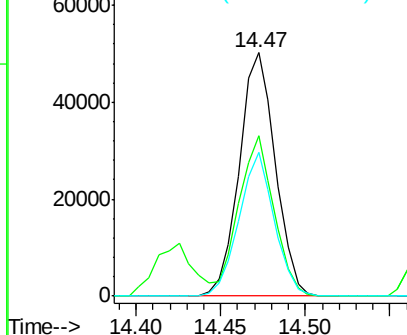
Lab File: BG028908.D

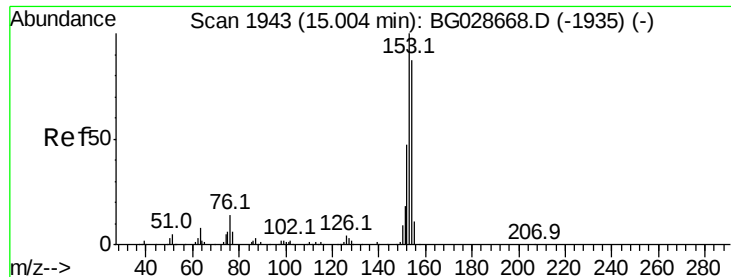
Acq: 25 Sep 2017 15:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 74564 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 65.7  | 63.9  | 95.9  |
| 89        | 58.8  | 58.6  | 88.0  |



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





#51

Acenaphthene

Concen: 41.752 ng

RT: 14.96 min Scan# 1935

Delta R.T. -0.04 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

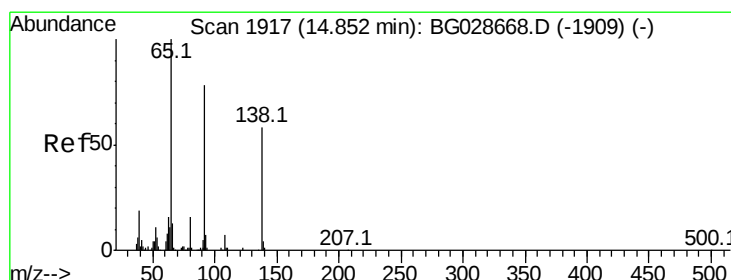
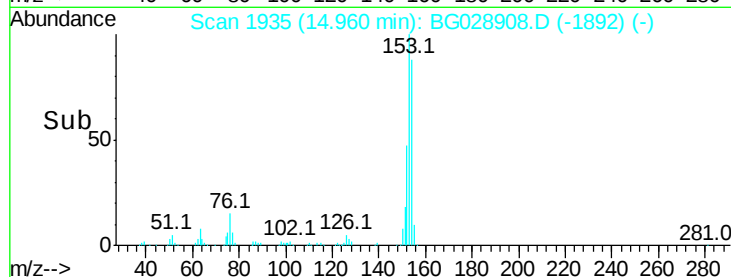
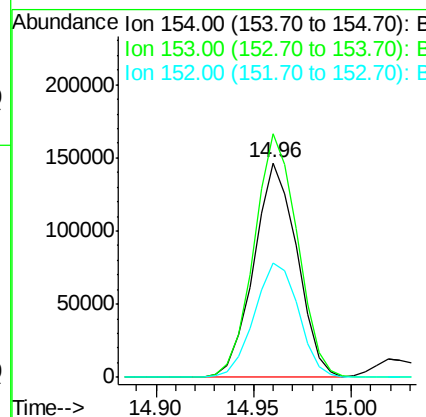
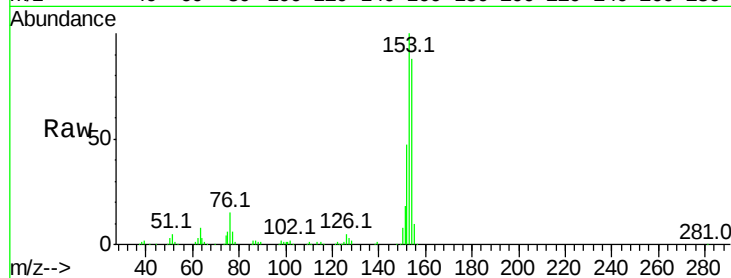
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 224853 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.4 | 87.8  | 131.6  |
| 152       | 53.1  | 42.2  | 63.4   |

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#52

3-Nitroaniline

Concen: 47.206 ng

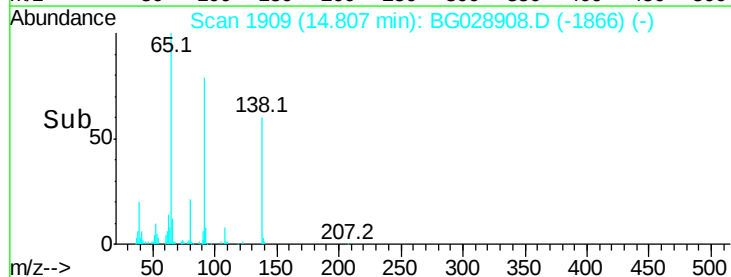
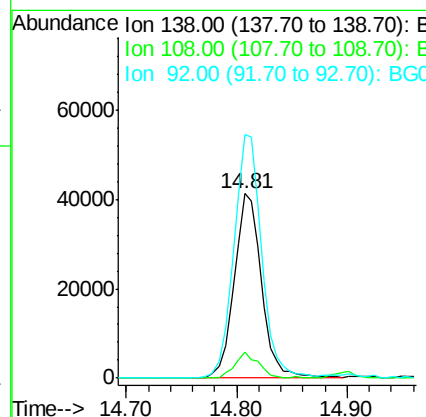
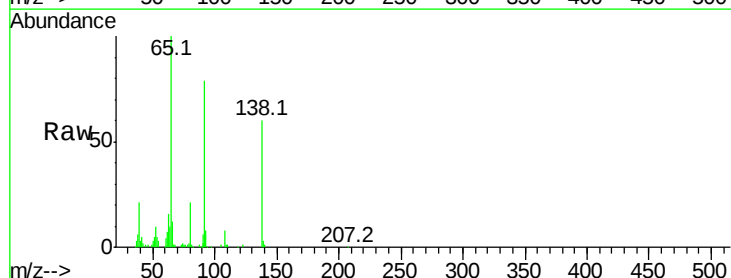
RT: 14.81 min Scan# 1909

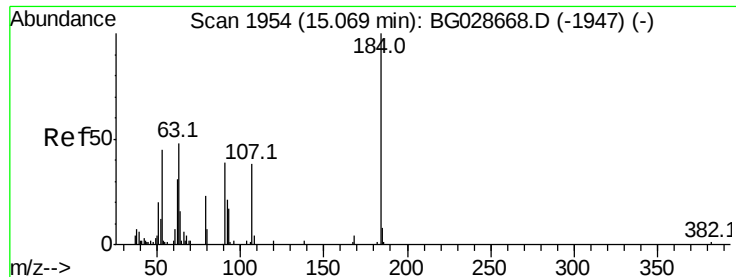
Delta R.T. -0.04 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 71573 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 14.0  | 10.9  | 16.3  |
| 92        | 132.1 | 115.3 | 172.9 |





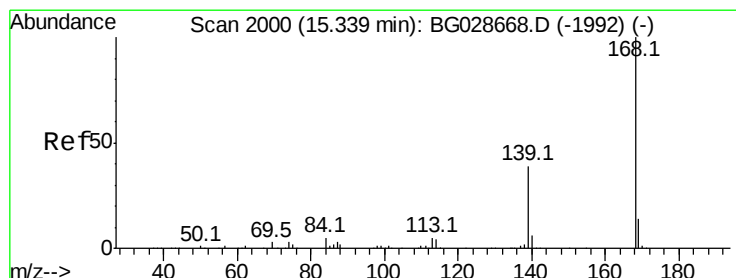
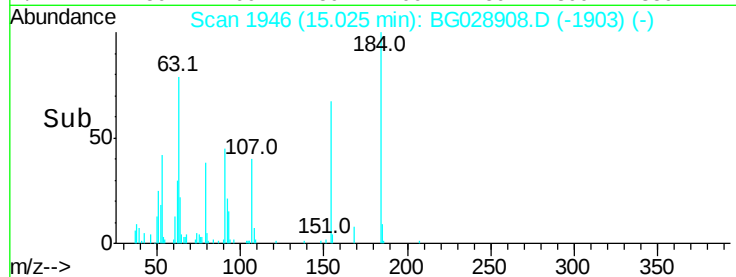
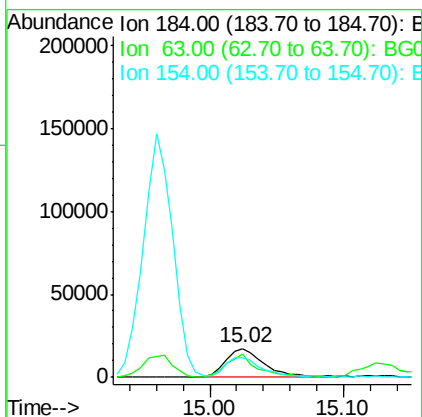
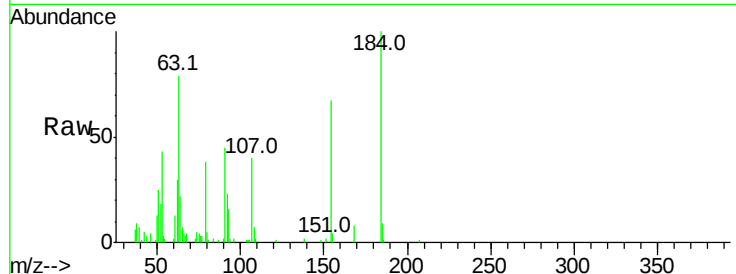
#53  
 2,4-Dinitrophenol  
 Concen: 42.983 ng  
 RT: 15.02 min Scan# 1946  
 Delta R.T. -0.04 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 35115 |       |       |
| 63      | 78.9  | 52.7  | 79.1  |       |
| 154     | 67.1  | 57.3  | 85.9  |       |

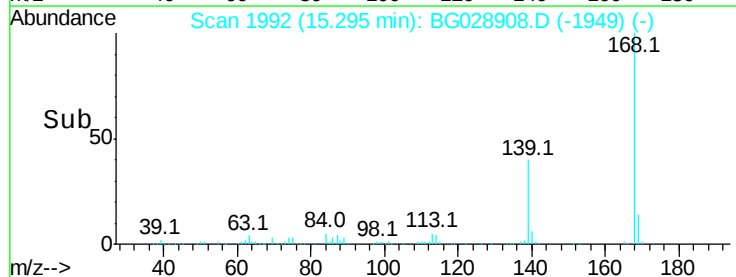
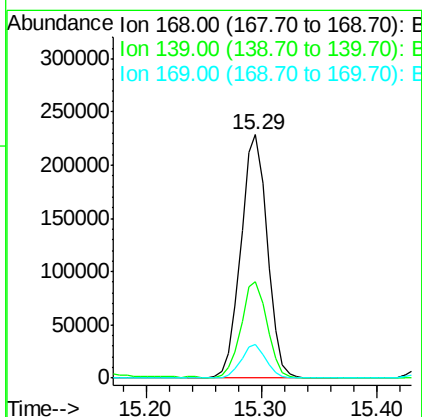
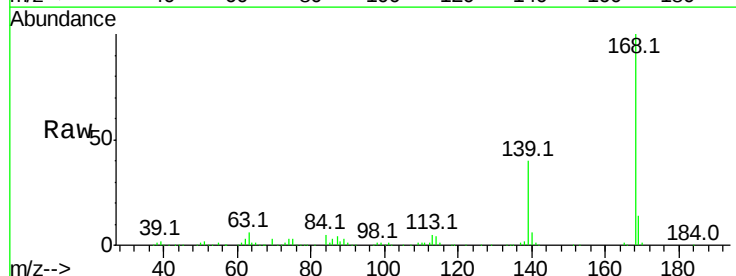
Manual Integrations  
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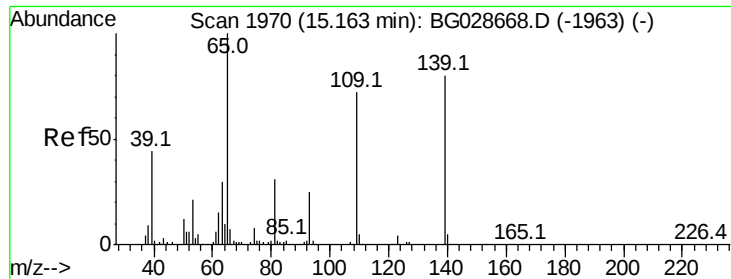
Sohil  
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#54  
 Dibenzofuran  
 Concen: 42.262 ng  
 RT: 15.29 min Scan# 1992  
 Delta R.T. -0.04 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 362954 |       |       |
| 139     | 39.8  | 35.3   | 52.9  |       |
| 169     | 13.6  | 11.5   | 17.3  |       |





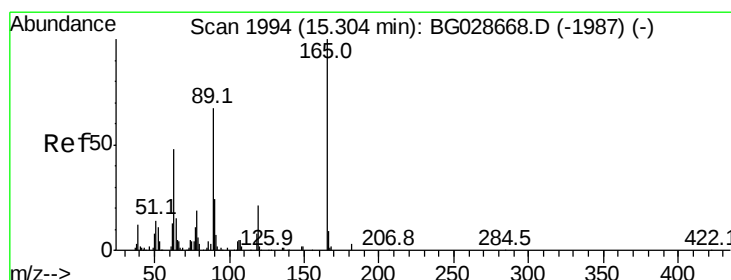
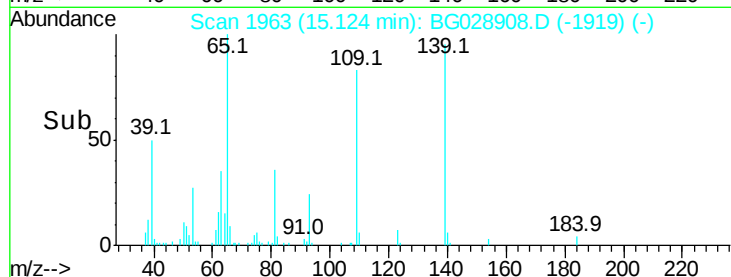
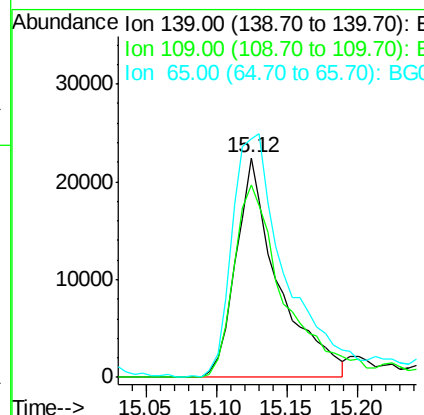
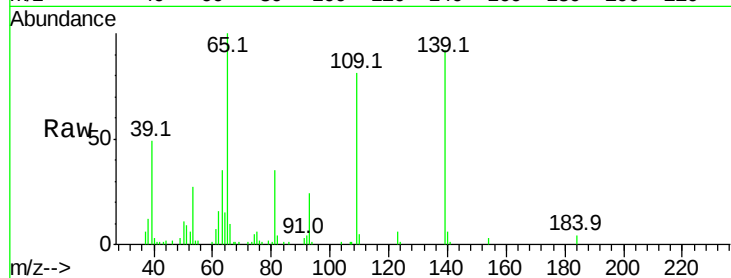
#55  
4-Nitrophenol  
Concen: 42.455 ng  
RT: 15.12 min Scan# 1963  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 87.5  | 101.2 | 141.2# |
| 65      | 108.6 | 135.3 | 175.3# |

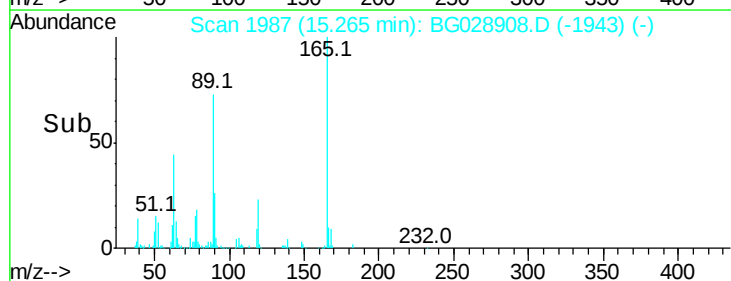
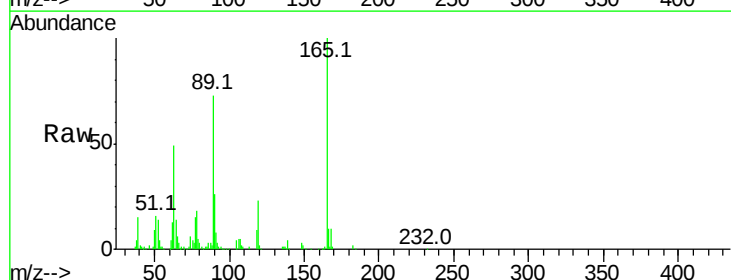
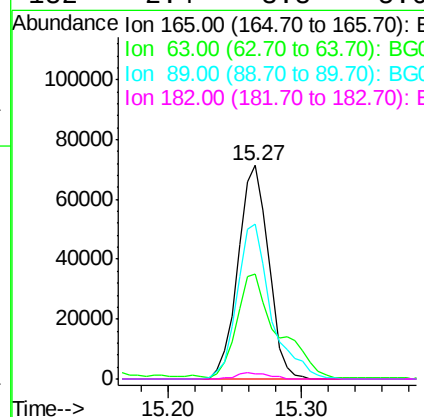
Manual Integrations  
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#56  
2,4-Dinitrotoluene  
Concen: 46.907 ng  
RT: 15.27 min Scan# 1987  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.1  | 44.0  | 66.0  |
| 89      | 72.8  | 67.3  | 100.9 |
| 182     | 2.4   | 3.8   | 5.6#  |





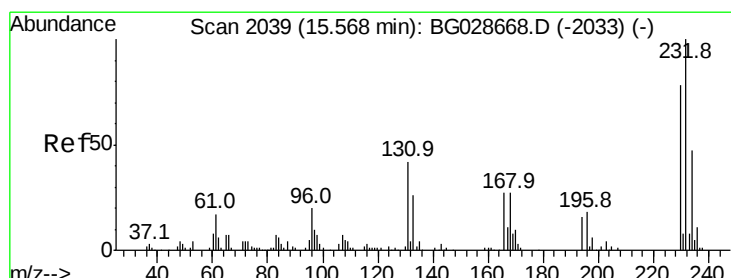
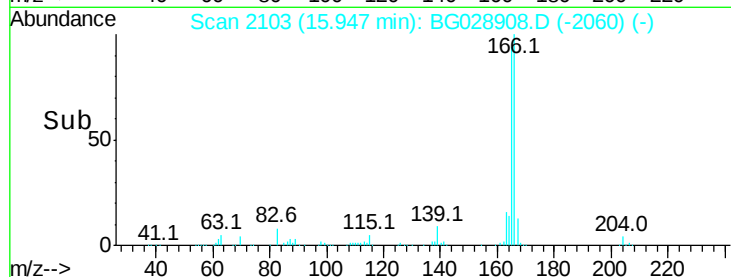
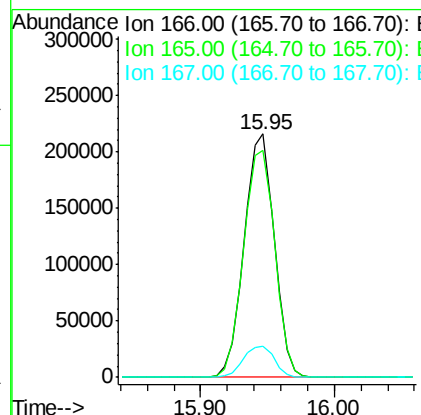
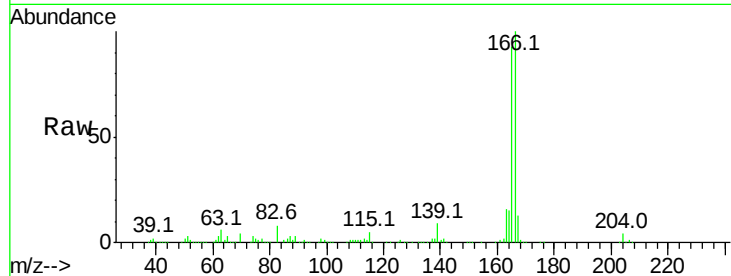
#57  
 Fluorene  
 Concen: 43.831 ng  
 RT: 15.95 min Scan# 2103  
 Delta R.T. -0.04 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 93.5  | 78.6 | 117.8 |       |
| 167     | 12.9  | 11.6 | 17.4  |       |

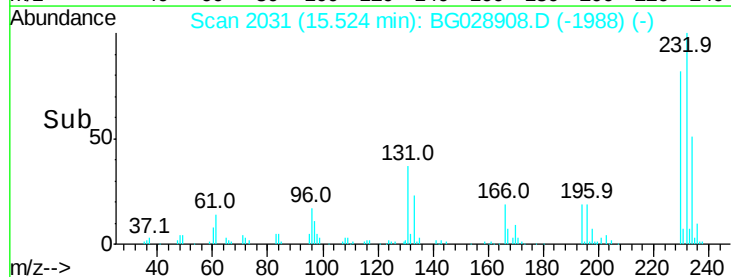
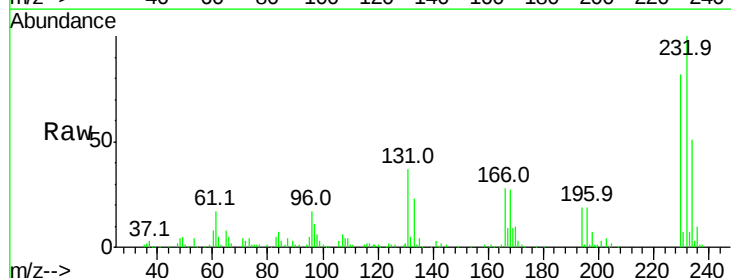
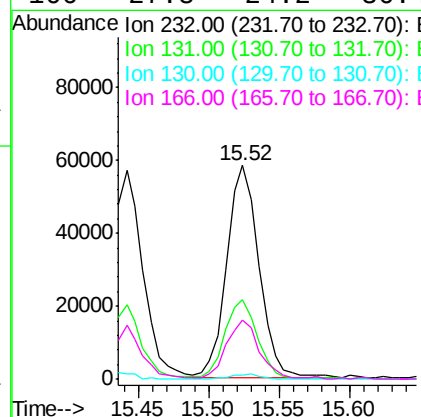
Manual Integrations  
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.764 ng  
 RT: 15.52 min Scan# 2031  
 Delta R.T. -0.04 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 36.2  | 34.9 | 52.3  |       |
| 130     | 2.1   | 2.3  | 3.5#  |       |
| 166     | 27.8  | 24.2 | 36.4  |       |





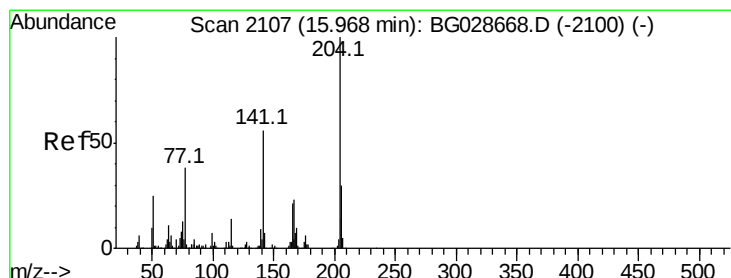
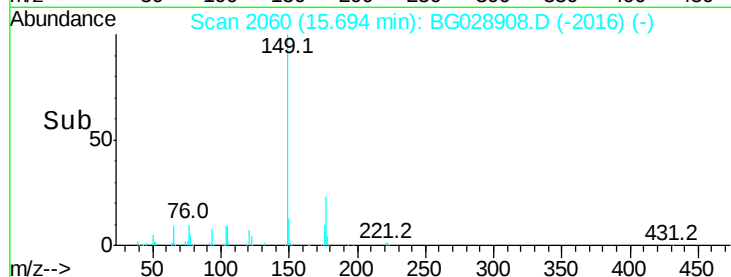
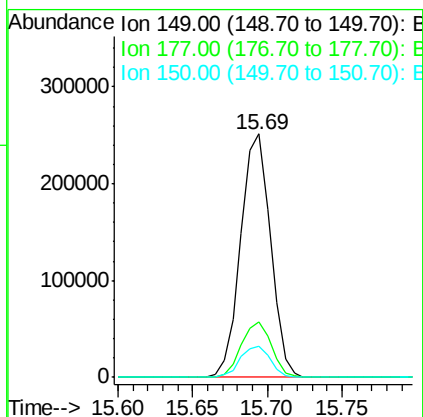
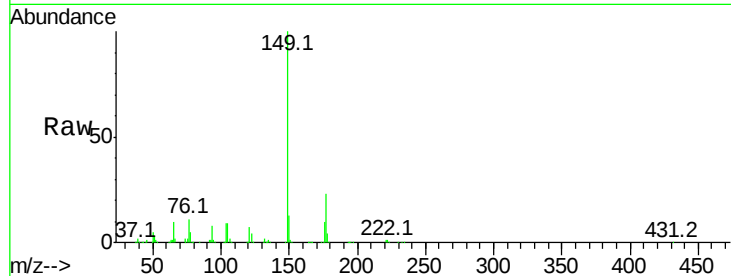
#59  
Diethylphthalate  
Concen: 44.147 ng  
RT: 15.69 min Scan# 2060  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 349572 |       |       |
| 177     | 22.7  | 20.1   | 30.1  |       |
| 150     | 13.0  | 10.2   | 15.2  |       |

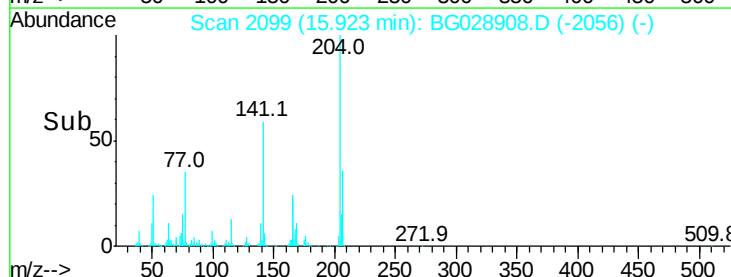
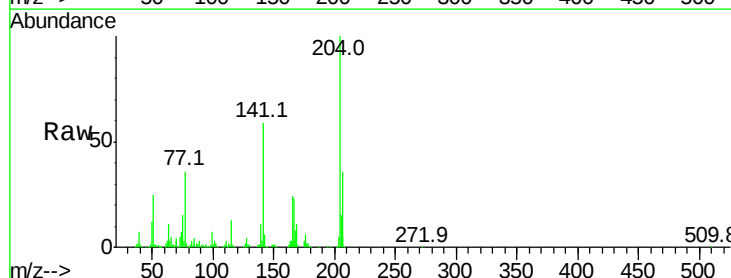
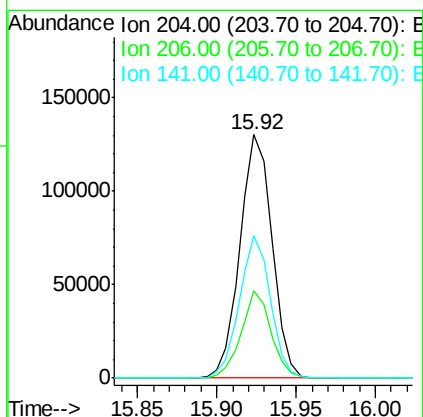
Manual Integrations  
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#60  
4-Chlorophenyl-phenylether  
Concen: 41.908 ng  
RT: 15.92 min Scan# 2099  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 182964 |       |       |
| 206     | 36.0  | 30.1   | 45.1  |       |
| 141     | 58.7  | 50.6   | 76.0  |       |





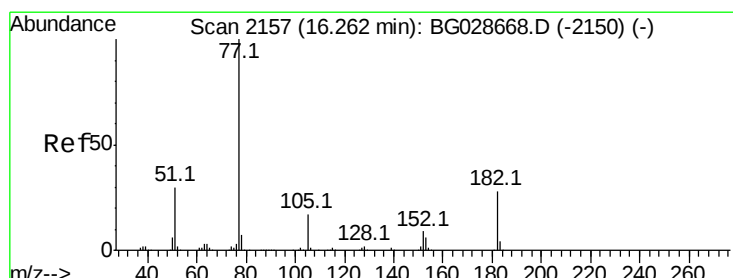
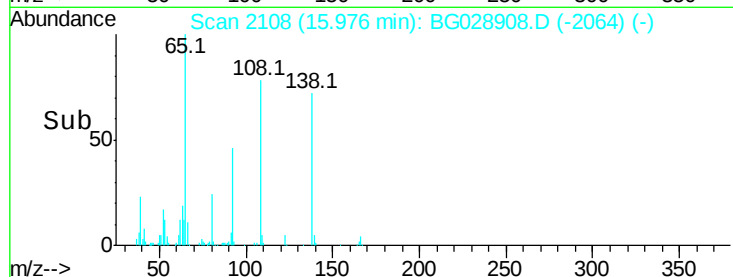
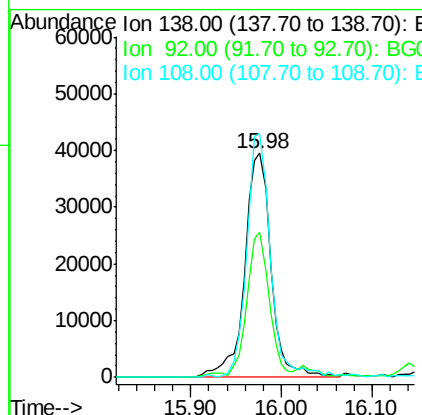
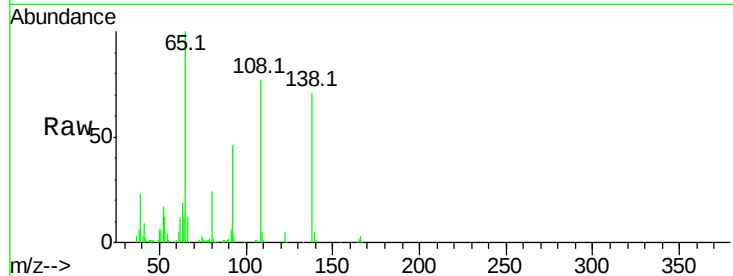
#61  
4-Nitroaniline  
Concen: 49.700 ng  
RT: 15.98 min Scan# 2108  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 64.7  | 44.2  | 84.2  |
| 108     | 108.7 | 104.8 | 144.8 |

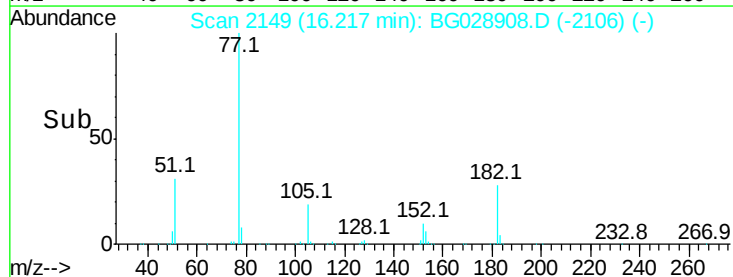
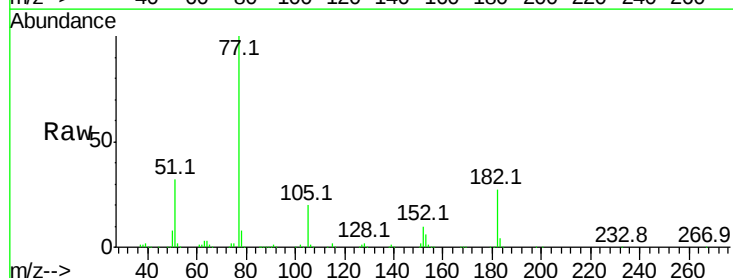
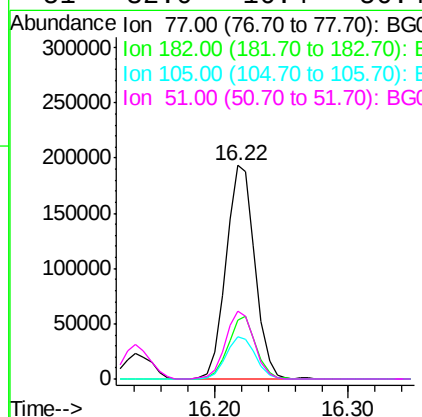
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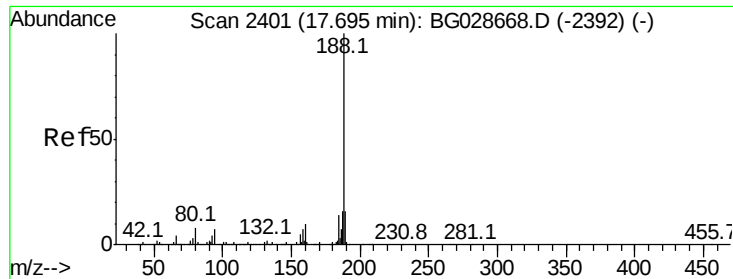
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#62  
Azobenzene  
Concen: 43.858 ng  
RT: 16.22 min Scan# 2149  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.5  | 4.7   | 44.7  |
| 105     | 19.6  | 0.0   | 36.3  |
| 51      | 32.0  | 16.4  | 56.4  |





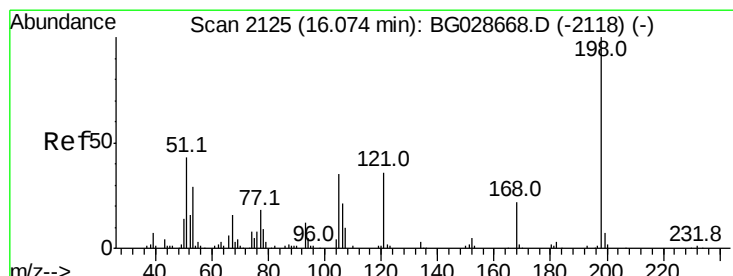
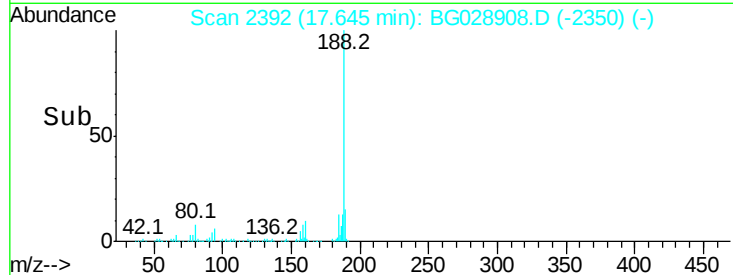
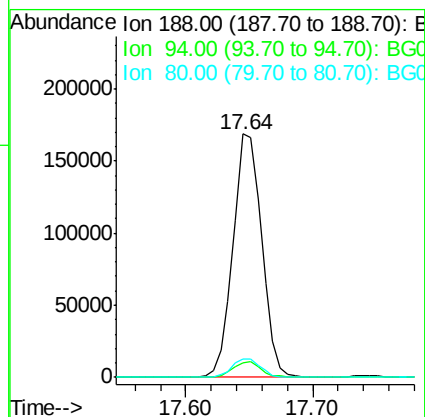
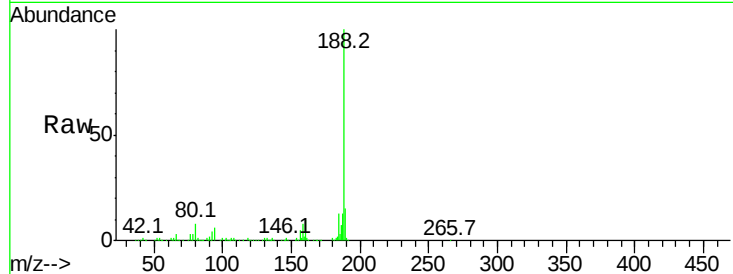
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.64 min Scan# 2392  
 Delta R.T. -0.05 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 263692 |       |       |
| 94      | 6.0   |        | 5.8   | 8.8   |
| 80      | 7.7   |        | 7.5   | 11.3  |

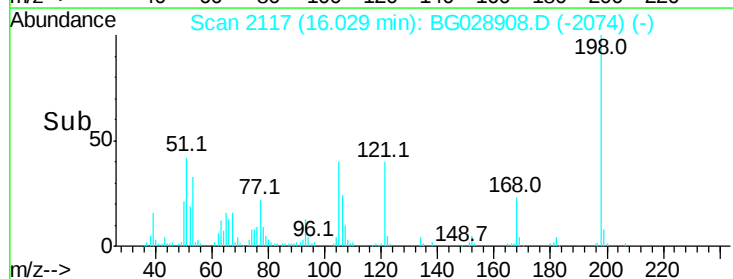
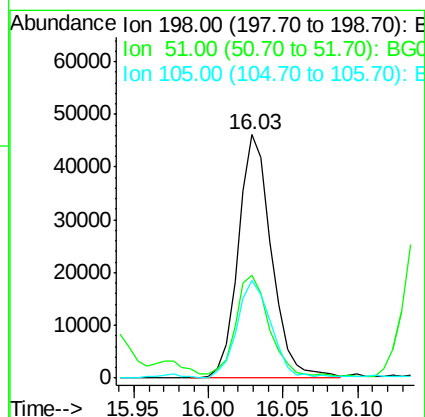
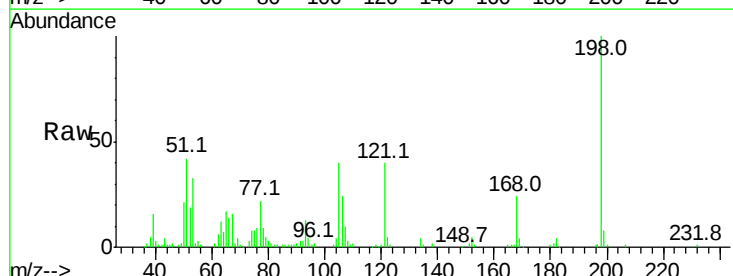
Manual Integrations  
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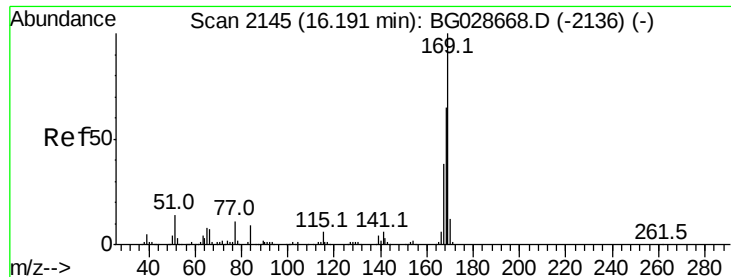
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 42.050 ng  
 RT: 16.03 min Scan# 2117  
 Delta R.T. -0.04 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 71549 |       |       |
| 51      | 42.1  |       | 22.6  | 62.6  |
| 105     | 40.0  |       | 14.4  | 54.4  |





#65

n-Nitrosodiphenylamine

Concen: 38.724 ng

RT: 16.14 min Scan# 2136

Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

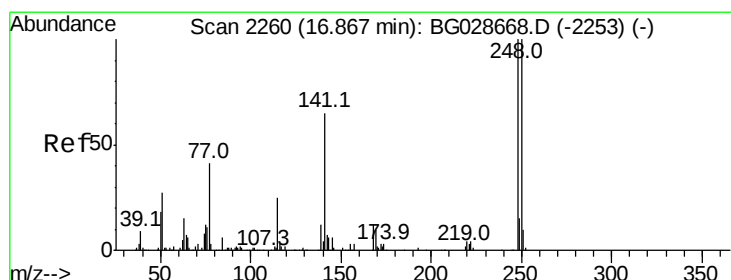
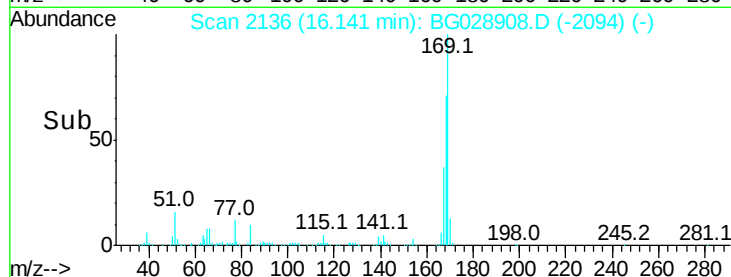
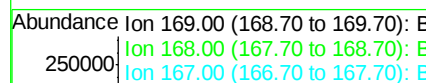
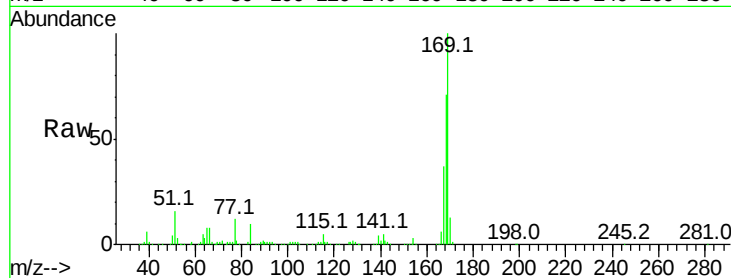
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 292719 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 71.3  | 55.7  | 83.5   |
| 167       | 37.2  | 29.8  | 44.6   |

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#66

4-Bromophenyl-phenylether

Concen: 39.095 ng

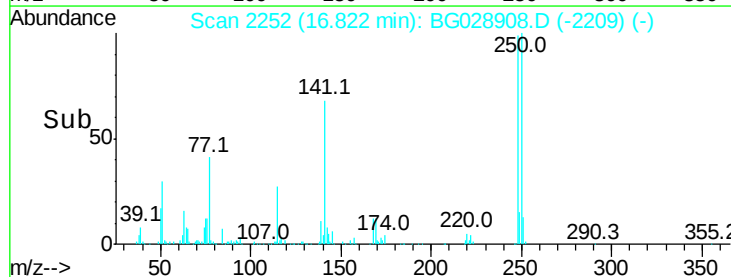
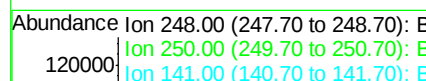
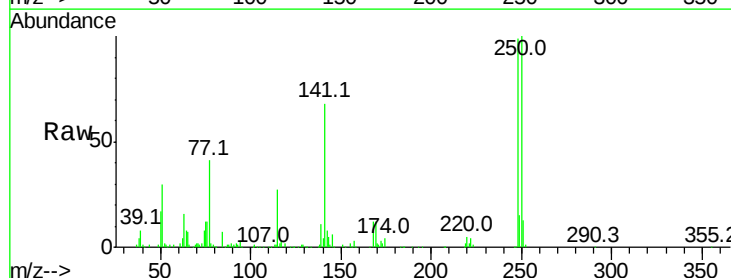
RT: 16.82 min Scan# 2252

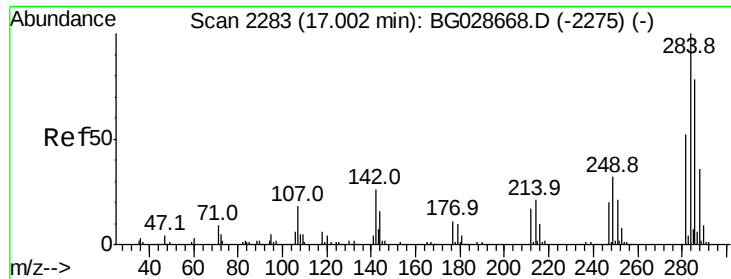
Delta R.T. -0.04 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 132650 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 100.6 | 75.0  | 112.6  |
| 141       | 68.7  | 55.2  | 82.8   |





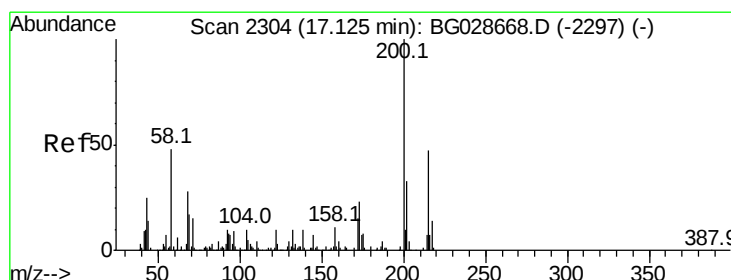
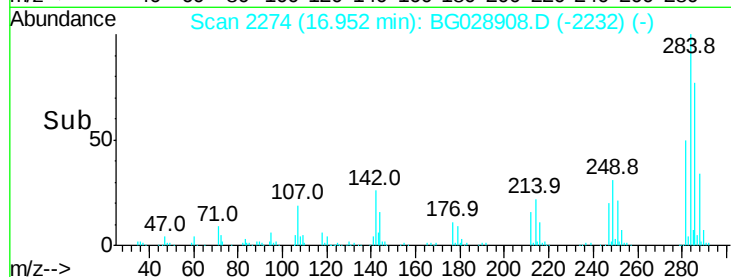
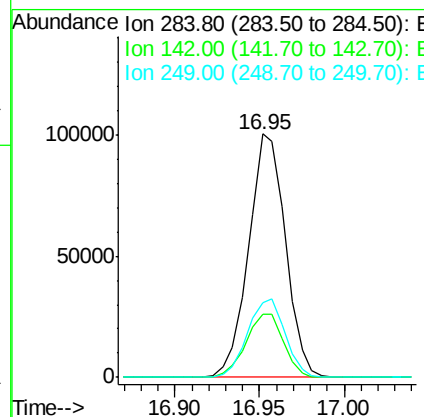
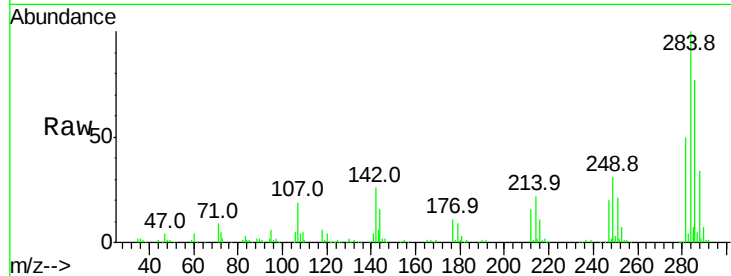
#67  
Hexachlorobenzene  
Concen: 39.432 ng  
RT: 16.95 min Scan# 2274  
Delta R.T. -0.05 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 284     | 100   |            |       |
| 142     | 25.8  | 29.9       | 44.9# |
| 249     | 30.6  | 29.2       | 43.8  |

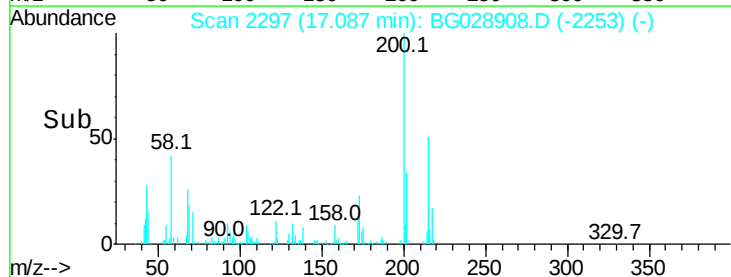
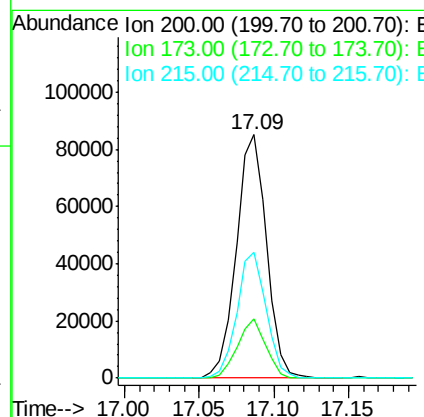
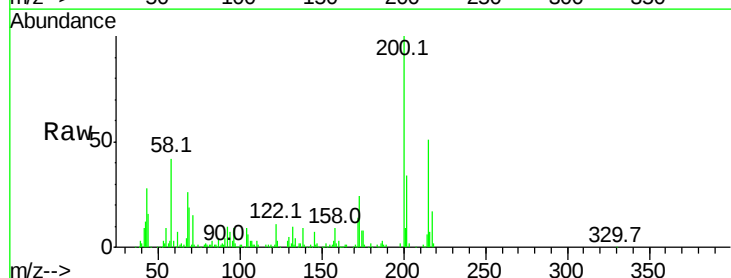
Manual Integrations  
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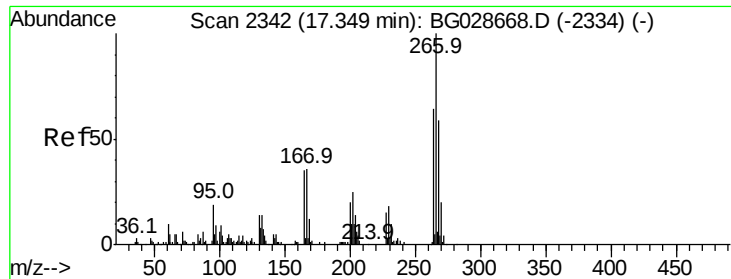
Sohil  
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#68  
Atrazine  
Concen: 37.006 ng  
RT: 17.09 min Scan# 2297  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 24.4  | 3.0        | 43.0  |
| 215     | 51.5  | 28.4       | 68.4  |





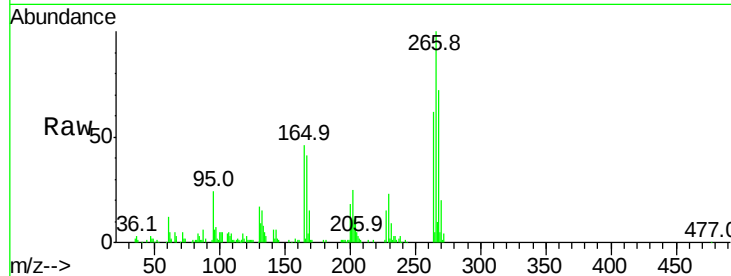
#69  
 Pentachlorophenol  
 Concen: 39.172 ng  
 RT: 17.30 min Scan# 2334  
 Delta R.T. -0.04 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 68347 |       |       |
| 268     | 71.8  | 48.6  | 72.8  |       |
| 264     | 62.4  | 50.1  | 75.1  |       |

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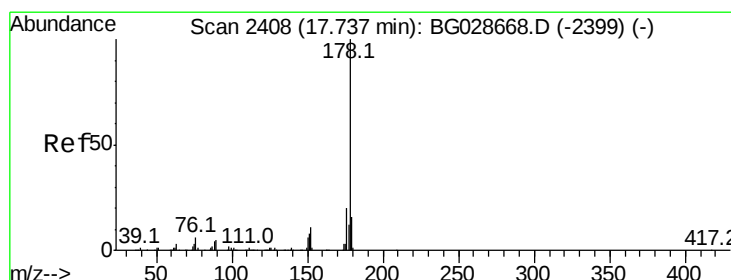
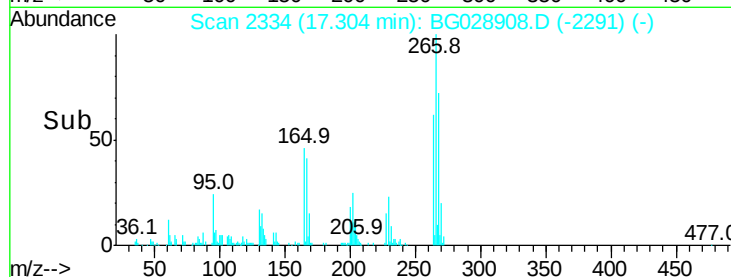
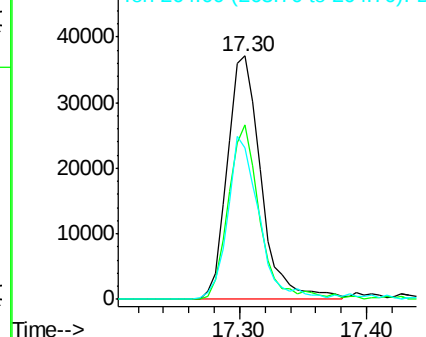


Abundance

Ion 265.70 (265.40 to 266.40): E

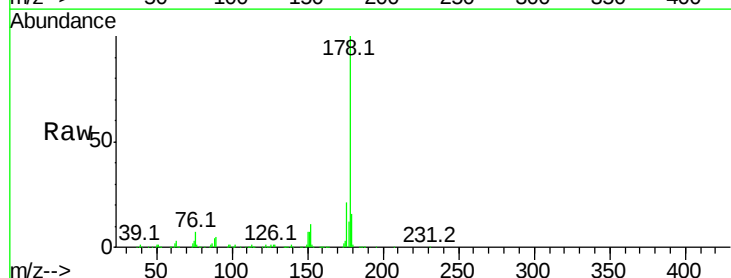
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 41.421 ng  
 RT: 17.69 min Scan# 2400  
 Delta R.T. -0.04 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 558548 |       |       |
| 176     | 20.6  | 17.7   | 26.5  |       |
| 179     | 16.4  | 15.0   | 22.6  |       |

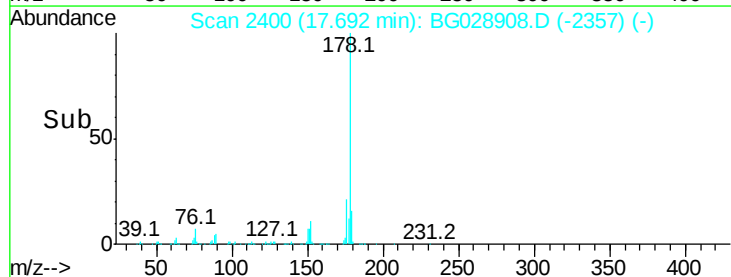
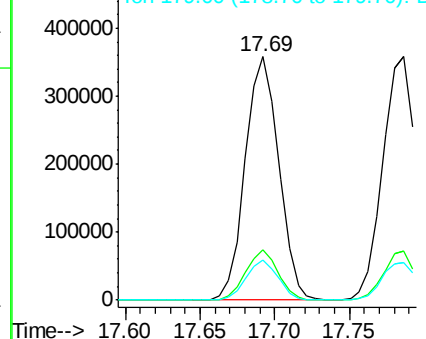


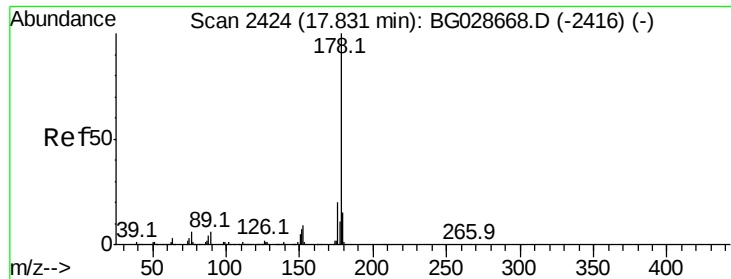
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





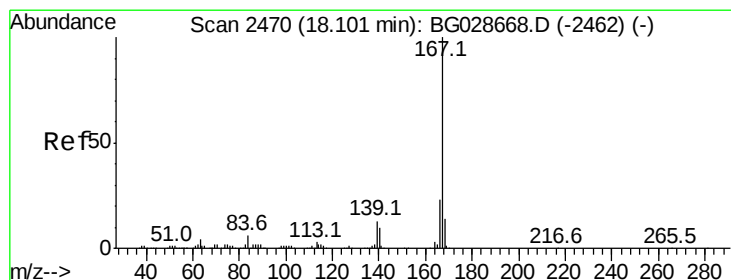
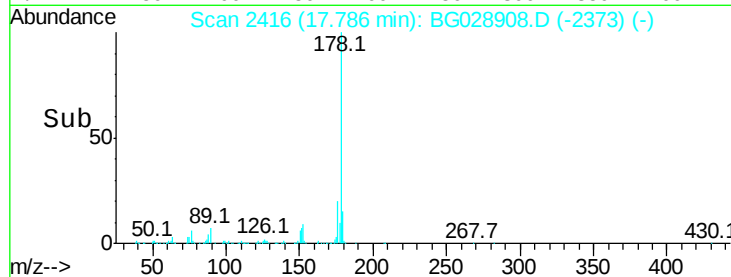
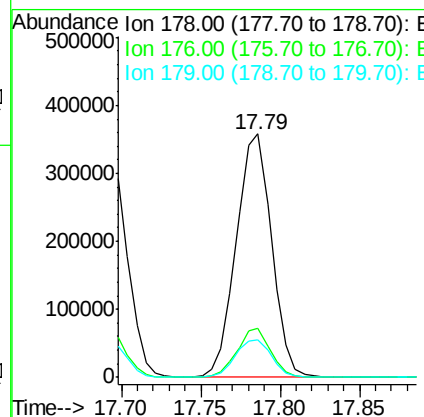
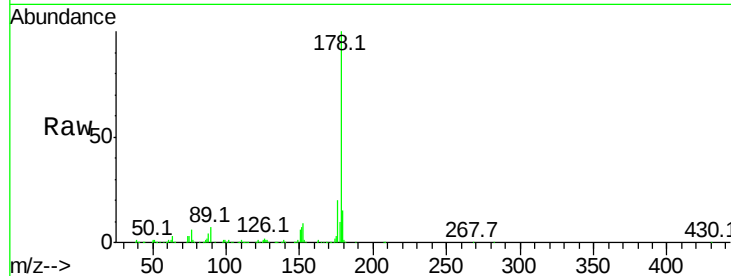
#71  
 Anthracene  
 Concen: 40.594 ng  
 RT: 17.79 min Scan# 2416  
 Delta R.T. -0.04 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 16.4  | 24.6  |
| 179     | 15.4  | 13.8  | 20.8  |

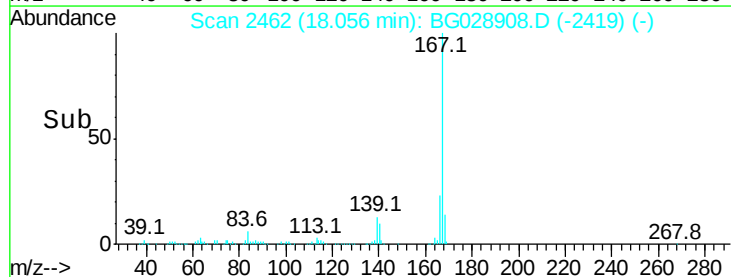
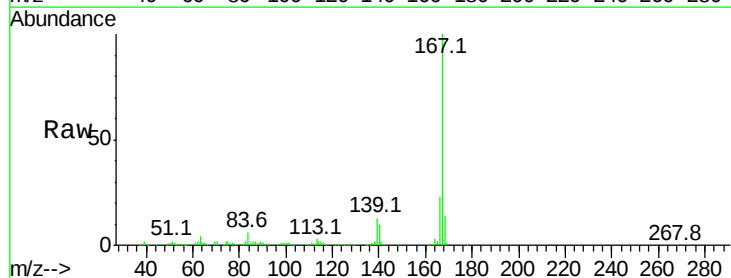
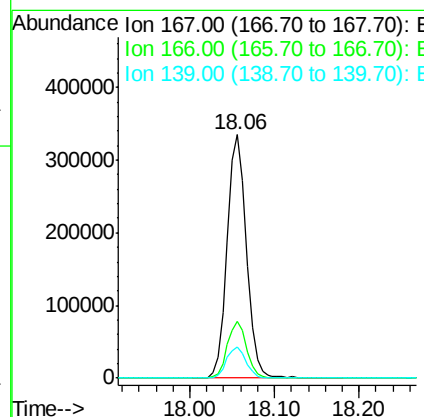
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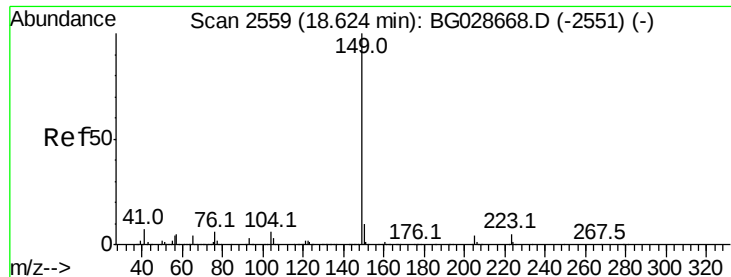
Sohil  
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#72  
 Carbazole  
 Concen: 43.205 ng  
 RT: 18.06 min Scan# 2462  
 Delta R.T. -0.04 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.1  | 20.2  | 30.2  |
| 139     | 13.0  | 12.8  | 19.2  |





#73

Di-n-butylphthalate

Concen: 42.518 ng

RT: 18.58 min Scan# 2551

Delta R.T. -0.04 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

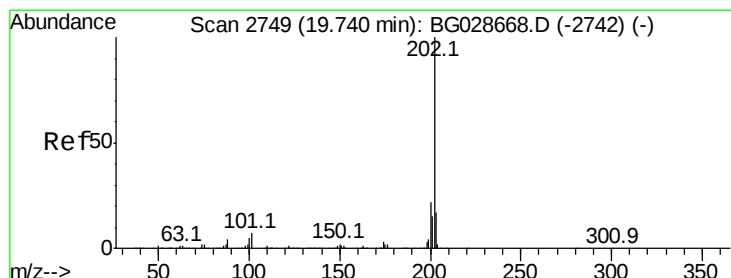
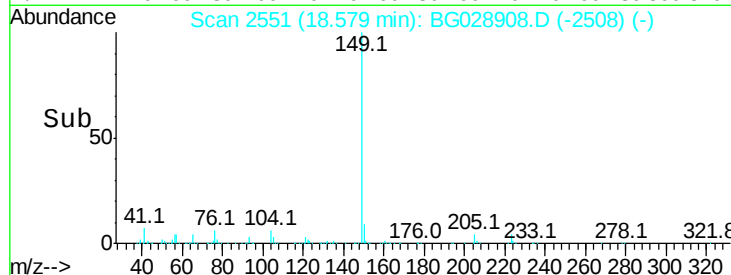
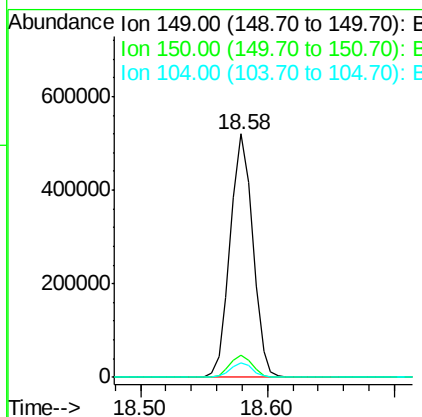
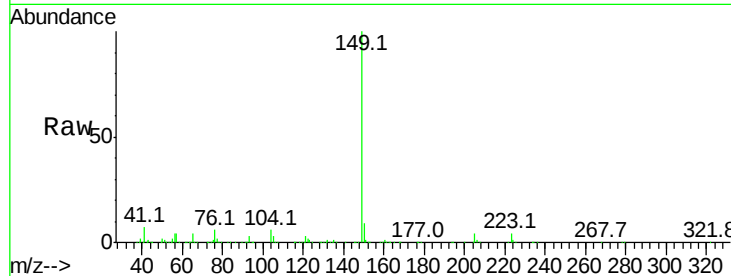
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 639587 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.3   | 9.1   | 13.7   |
| 104       | 5.8   | 6.7   | 10.1#  |

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#74

Fluoranthene

Concen: 44.058 ng

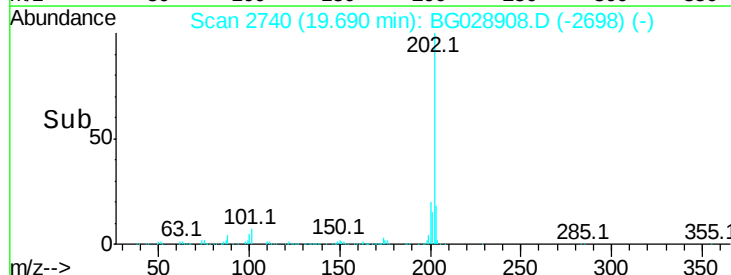
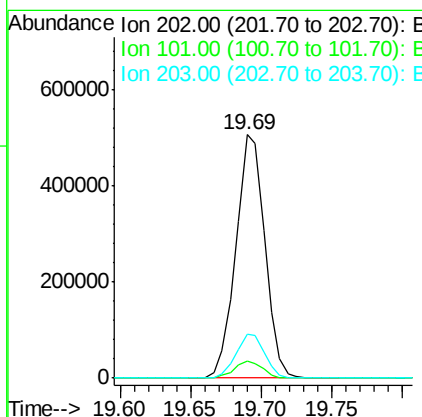
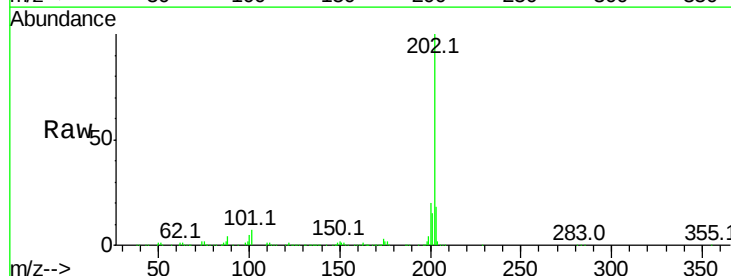
RT: 19.69 min Scan# 2740

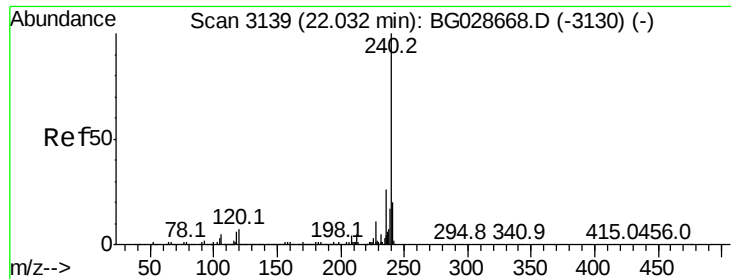
Delta R.T. -0.05 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 725410 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.2   | 0.0   | 30.1   |
| 203       | 17.8  | 1.3   | 41.3   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

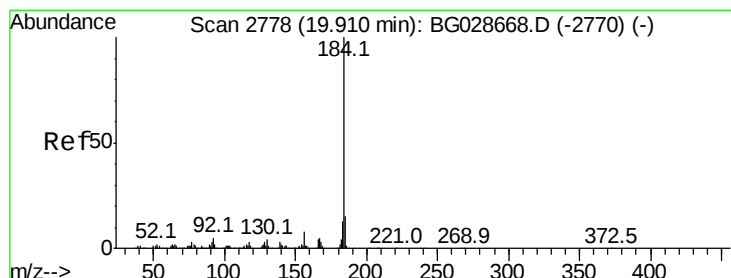
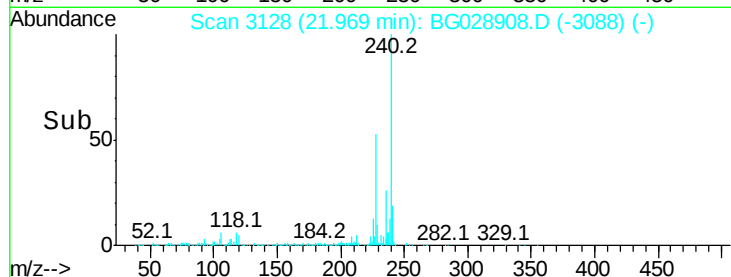
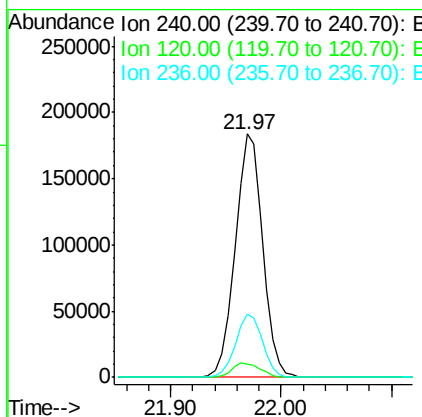
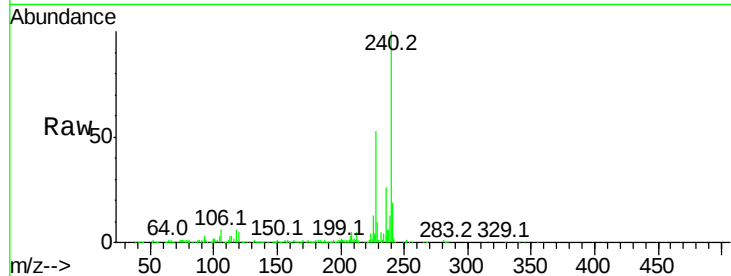
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.2   | 5.7   | 8.5#  |
| 236     | 26.1  | 22.2  | 33.4  |

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#76

Benzidine

Concen: 55.947 ng

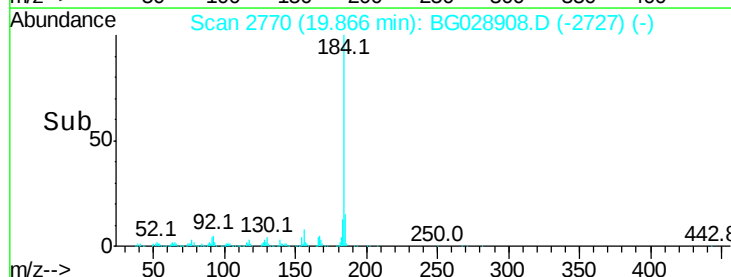
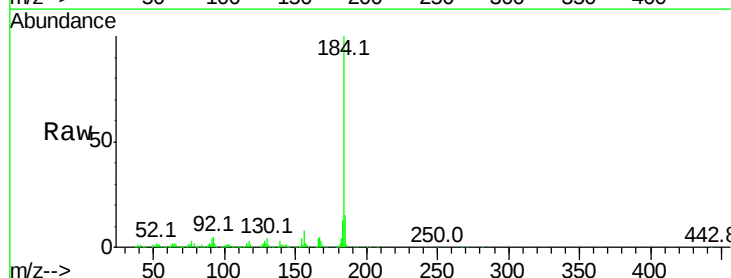
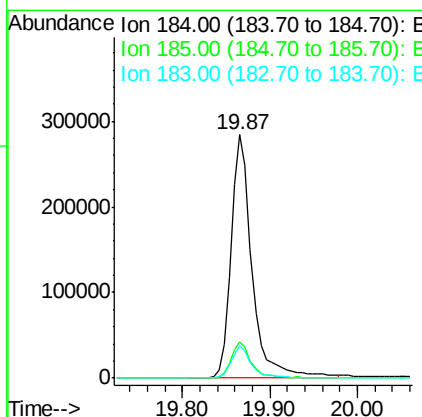
RT: 19.87 min Scan# 2770

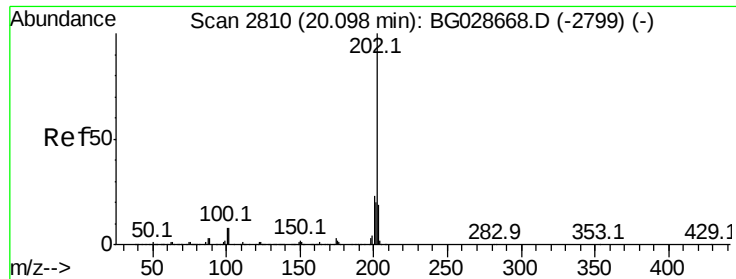
Delta R.T. -0.04 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.0  | 13.0  | 19.6  |
| 183     | 13.1  | 11.0  | 16.6  |





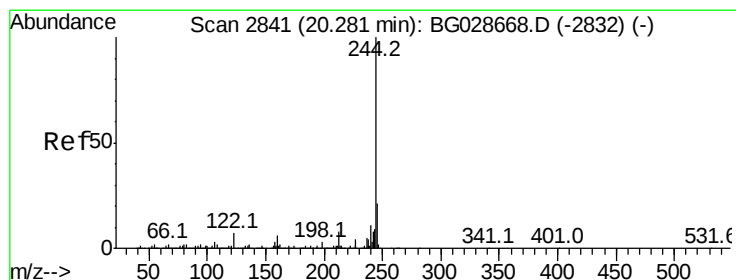
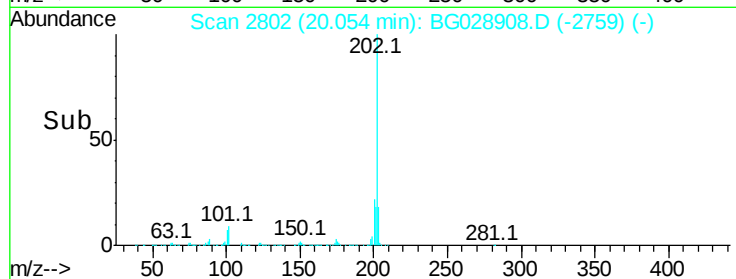
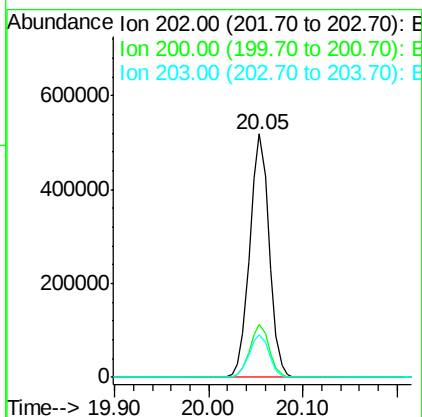
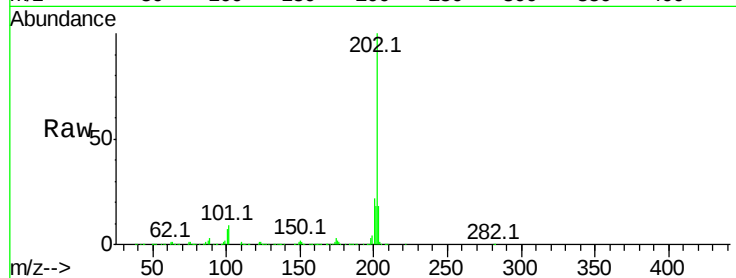
#77  
Pvrene  
Concen: 40.193 ng  
RT: 20.05 min Scan# 2802  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.9  | 19.6       | 29.4  |
| 203     | 17.8  | 15.8       | 23.8  |

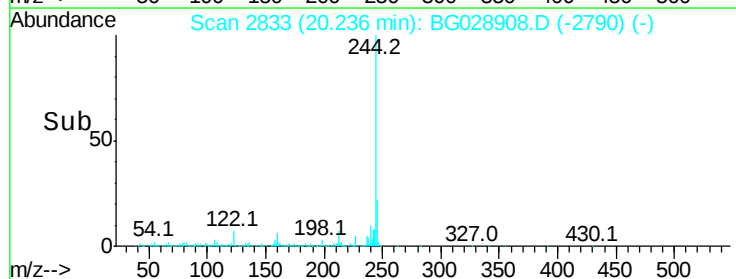
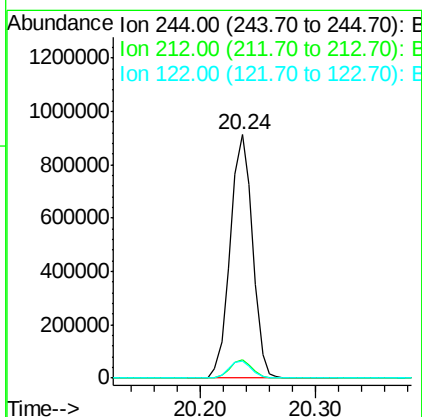
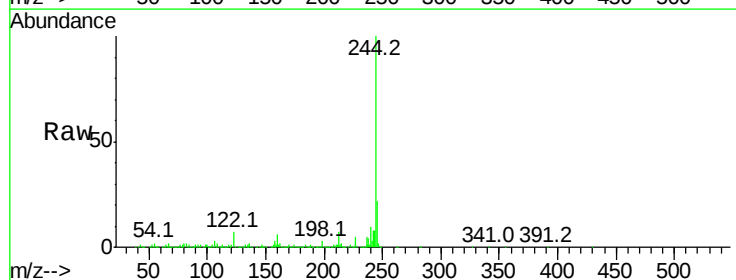
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#78  
Terphenyl-d14  
Concen: 80.947 ng  
RT: 20.24 min Scan# 2833  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 7.4   | 10.0       | 15.0# |
| 122     | 7.1   | 8.6        | 12.8# |





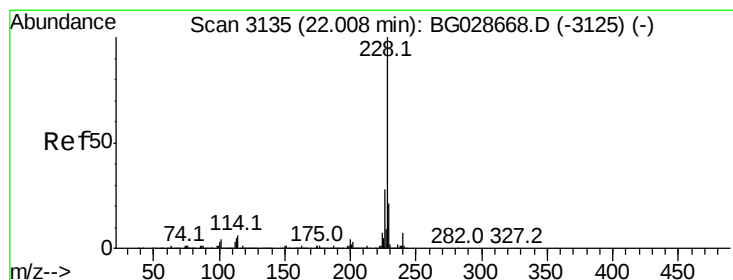
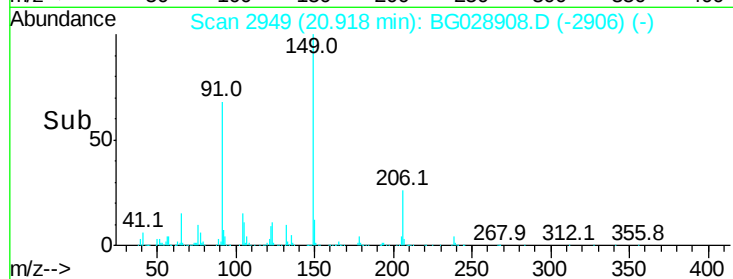
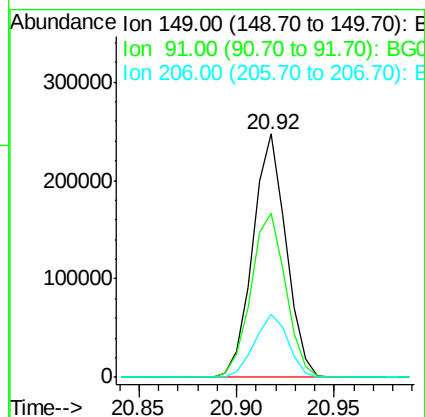
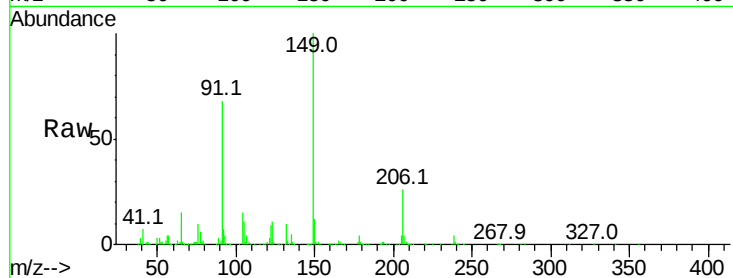
#79  
Butylbenzylphthalate  
Concen: 39.113 ng  
RT: 20.92 min Scan# 2949  
Delta R.T. -0.04 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 292023 |       |       |
| 91      | 67.7  | 63.5   | 95.3  |       |
| 206     | 26.0  | 21.0   | 31.6  |       |

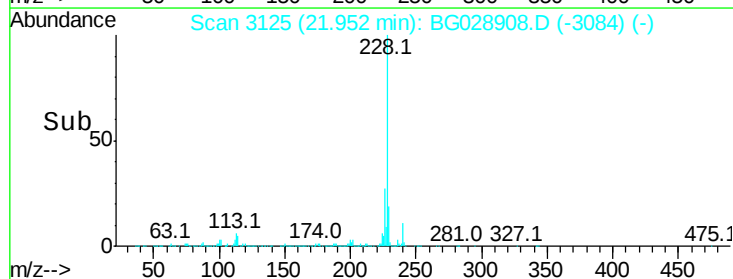
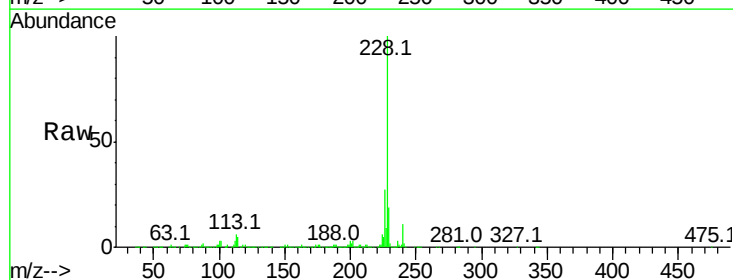
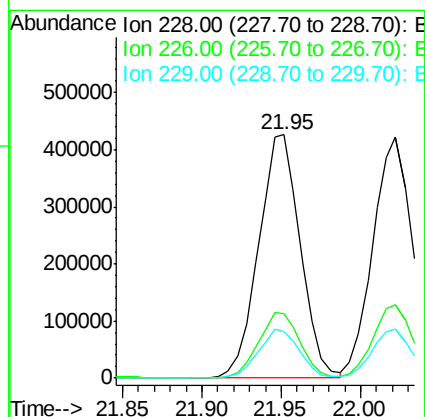
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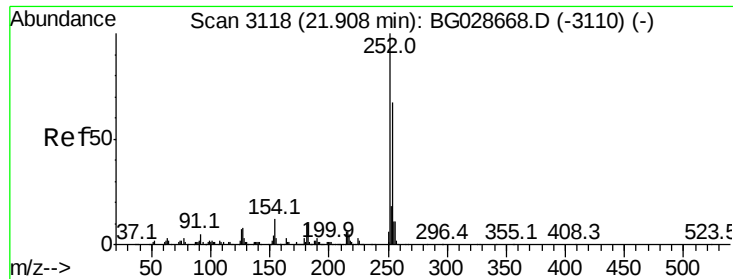
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#80  
Benzo(a)anthracene  
Concen: 40.238 ng  
RT: 21.95 min Scan# 3125  
Delta R.T. -0.06 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 776264 |       |       |
| 226     | 26.6  | 24.9   | 37.3  |       |
| 229     | 19.3  | 18.2   | 27.2  |       |





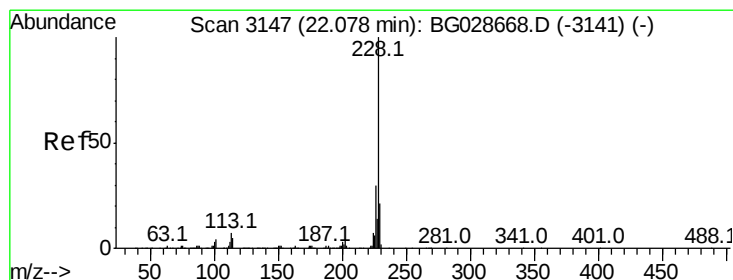
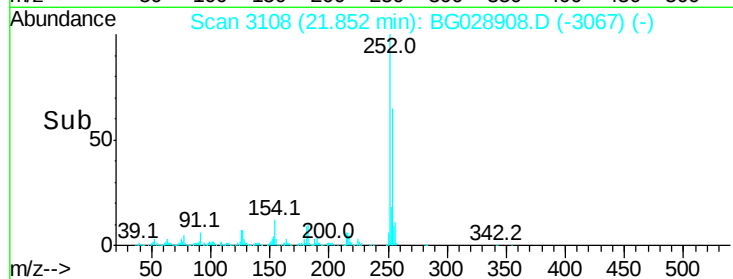
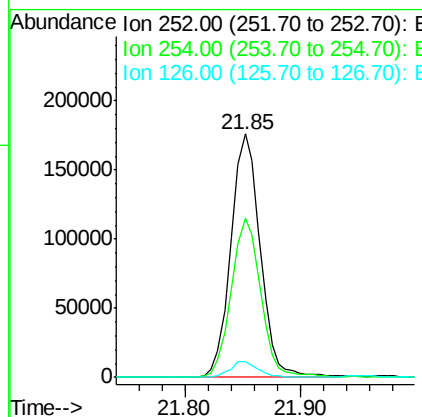
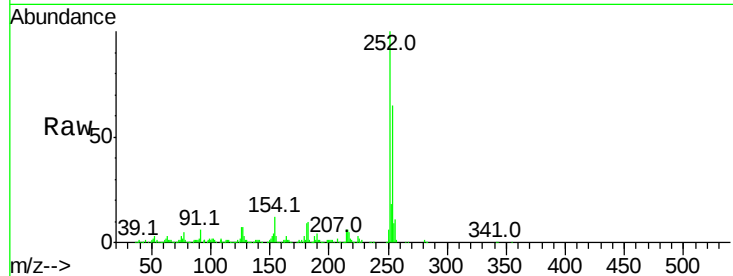
#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.708 ng  
 RT: 21.85 min Scan# 3108  
 Delta R.T. -0.06 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 65.3  | 53.1       | 79.7  |
| 126     | 6.6   | 7.0        | 10.4  |

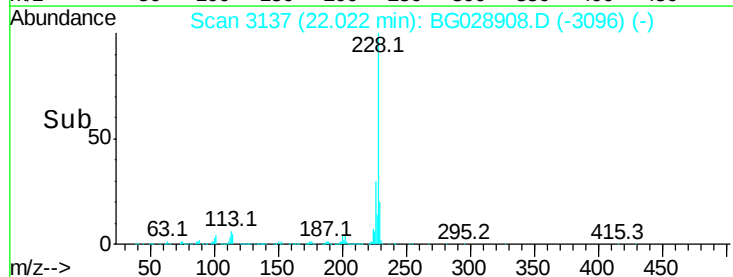
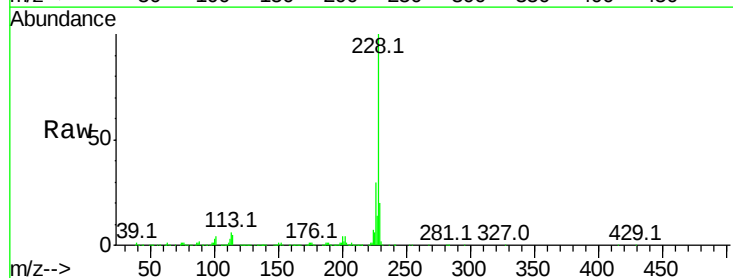
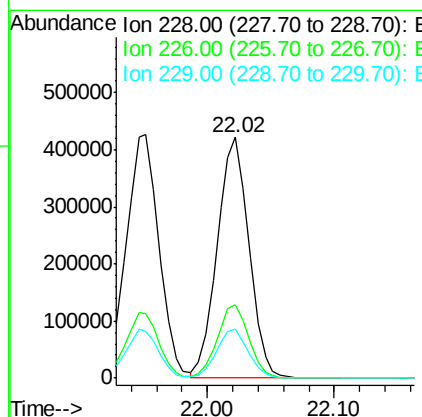
Manual Integrations  
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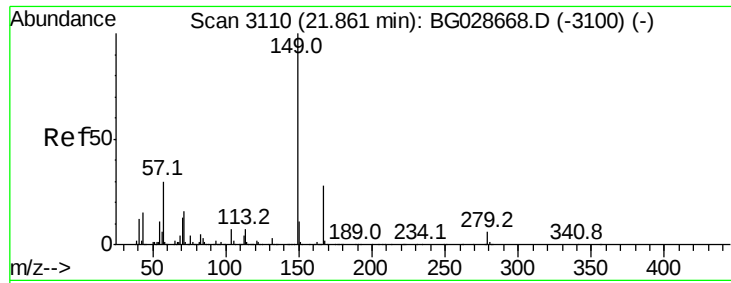
Sohil  
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#82  
 Chrysene  
 Concen: 39.986 ng  
 RT: 22.02 min Scan# 3137  
 Delta R.T. -0.06 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 30.4  | 27.0       | 40.4  |
| 229     | 20.1  | 17.8       | 26.6  |





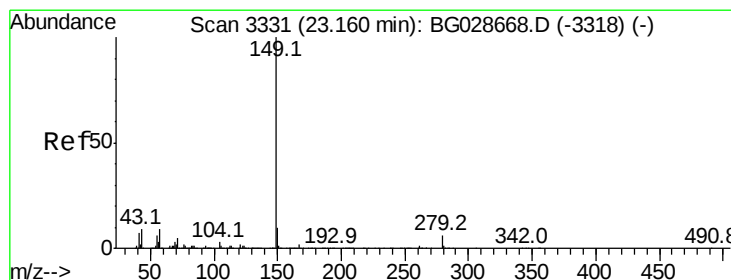
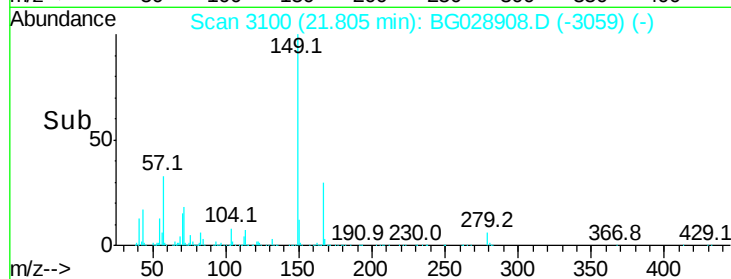
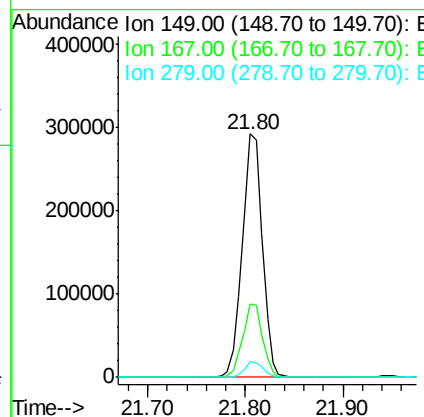
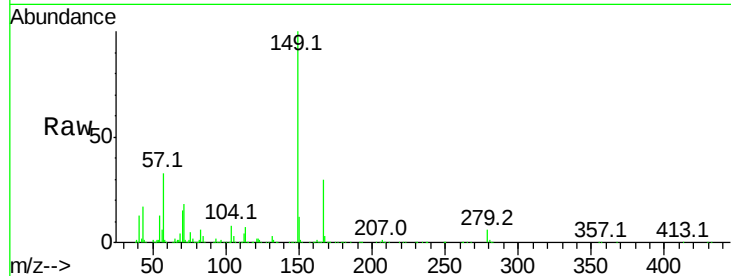
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.508 ng  
 RT: 21.80 min Scan# 3100  
 Delta R.T. -0.06 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.3  | 23.7  | 35.5  |
| 279     | 6.3   | 4.6   | 6.8   |

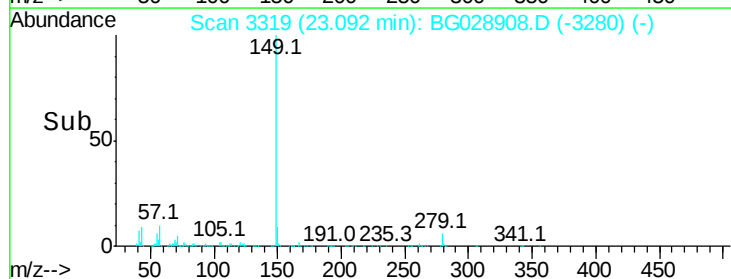
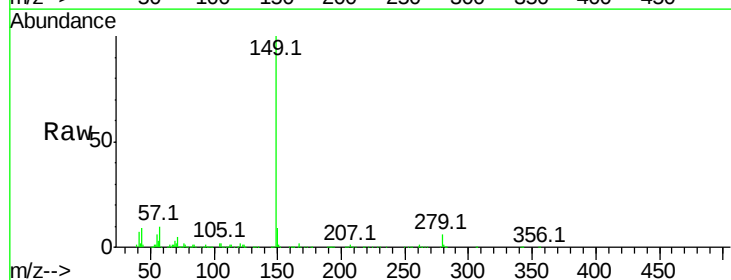
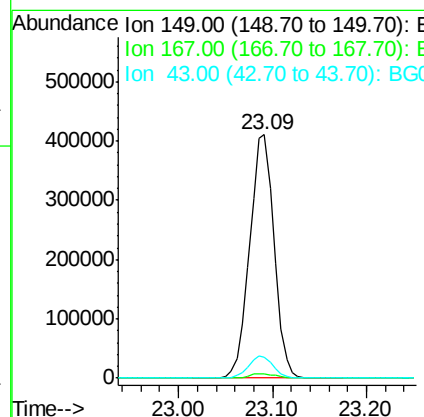
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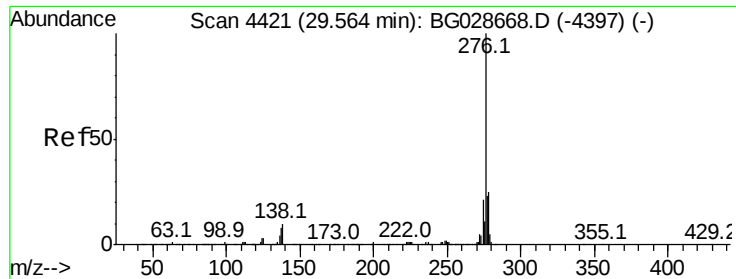
Sohil  
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#84  
 Di-n-octyl phthalate  
 Concen: 39.748 ng  
 RT: 23.09 min Scan# 3319  
 Delta R.T. -0.07 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.9   | 1.4   | 2.2   |
| 43      | 9.2   | 11.8  | 17.6  |





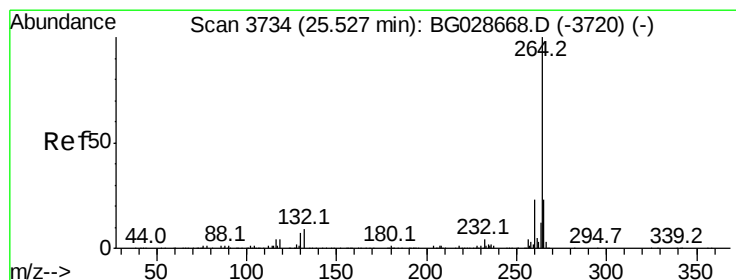
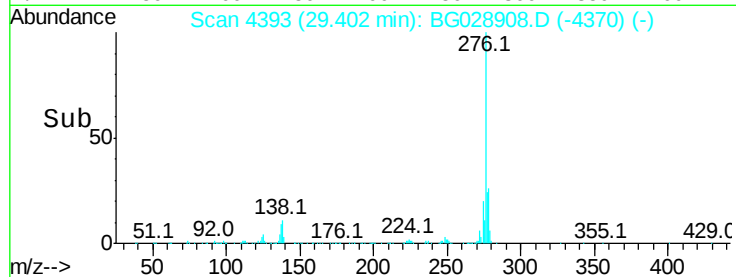
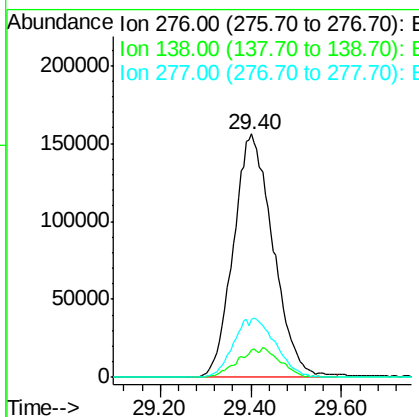
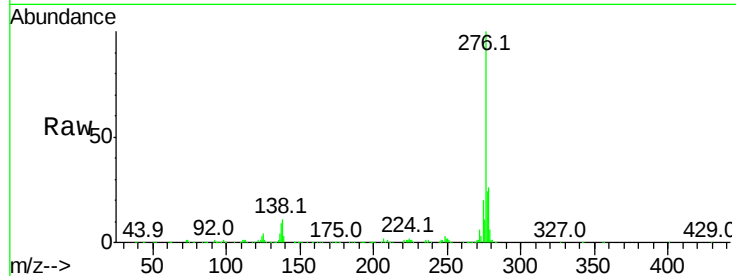
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.262 ng  
 RT: 29.40 min Scan# 4393  
 Delta R.T. -0.16 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 6.8   | 4.7   | 7.1   |
| 277     | 10.4  | 20.6  | 31.0# |

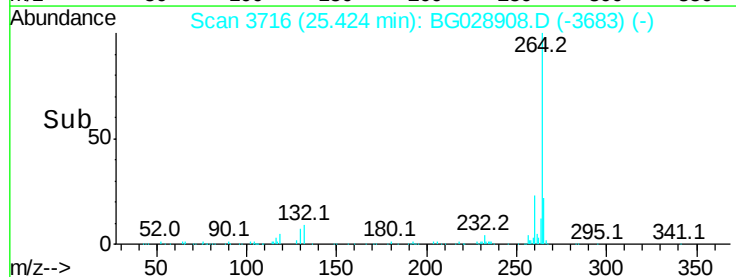
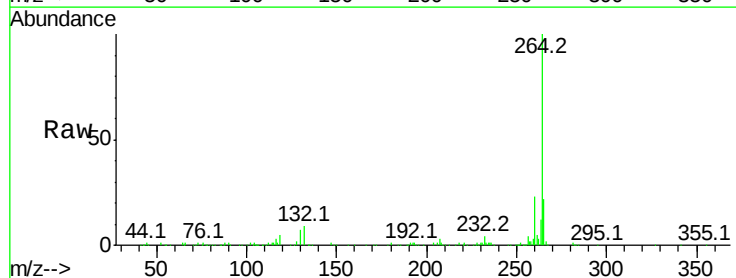
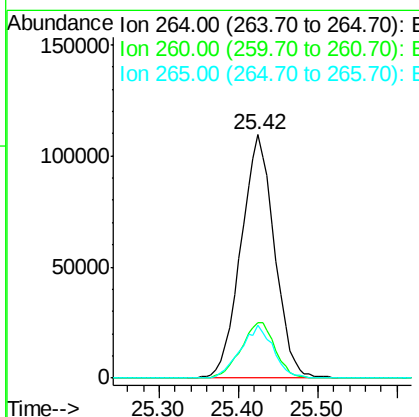
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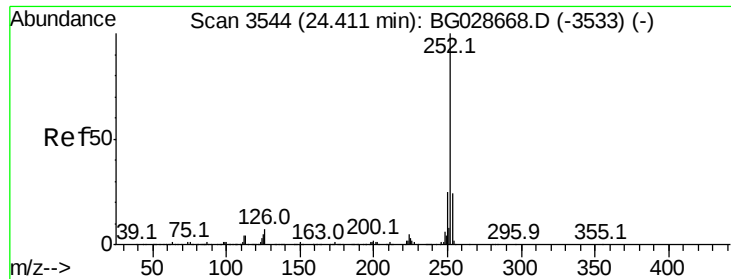
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.42 min Scan# 3716  
 Delta R.T. -0.10 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.9  | 21.8  | 32.8  |
| 265     | 21.7  | 18.2  | 27.4  |





#87

Benzo(b)fluoranthene

Concen: 40.601 ng/mL

RT: 24.33 min Scan# 3529

Delta R.T. -0.09 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

Instrument :

BNA\_G

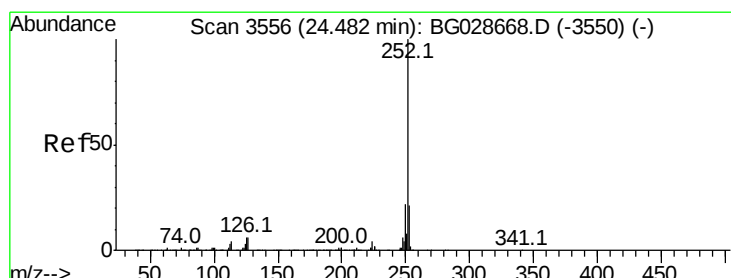
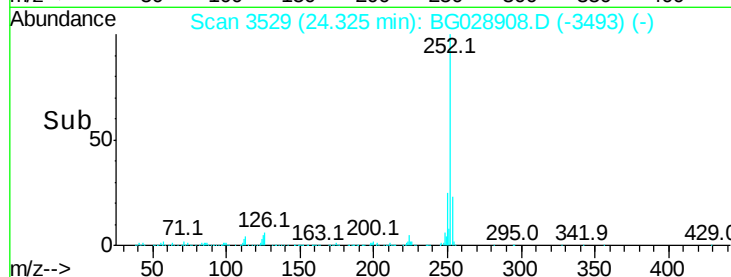
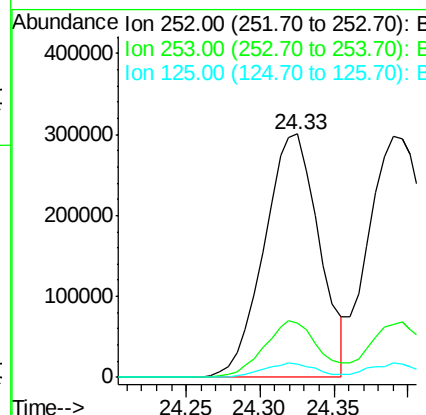
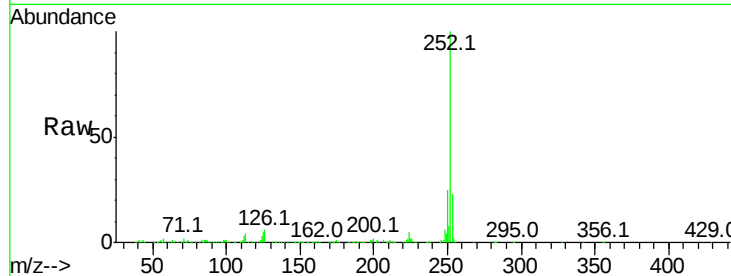
ClientSampleId :

SSTDCCC040

|             |       |        |
|-------------|-------|--------|
| Tot Ion:252 | Resp: | 781309 |
| Ion Ratio   | Lower | Upper  |
| 252 100     |       |        |
| 253 22.5    | 18.7  | 28.1   |
| 125 5.2     | 5.3   | 7.9#   |

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#88

Benzo(k)fluoranthene

Concen: 41.701 ng/mL

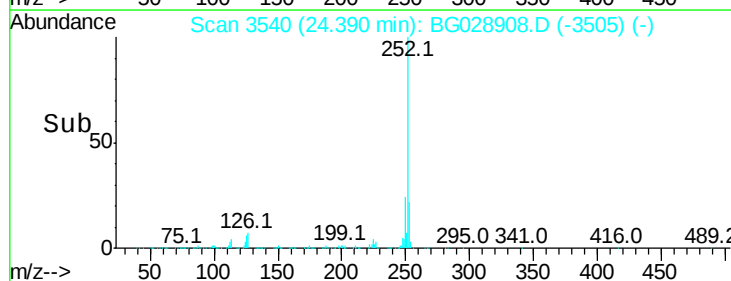
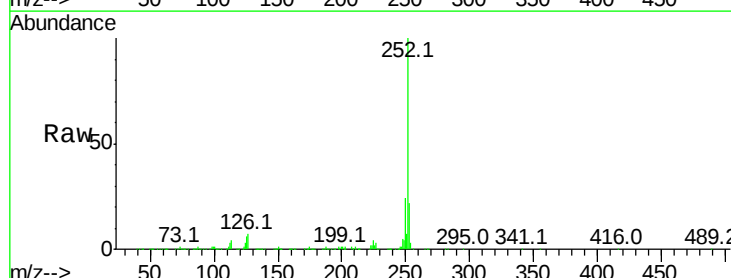
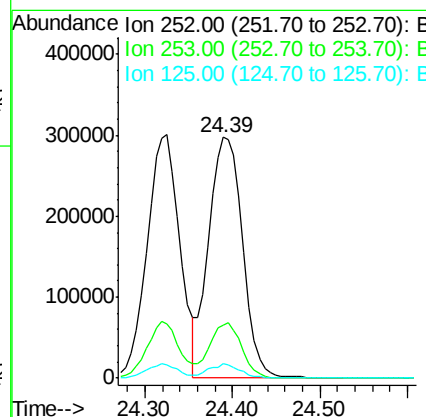
RT: 24.39 min Scan# 3540

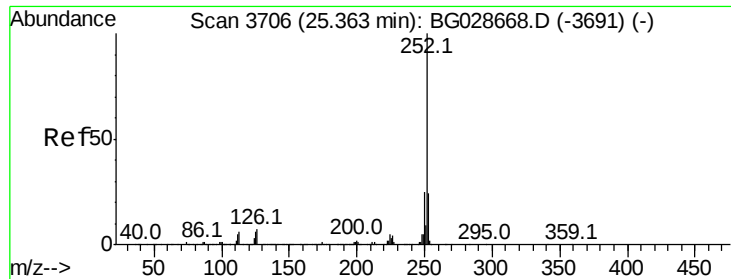
Delta R.T. -0.09 min

Lab File: BG028908.D

Acq: 25 Sep 2017 15:15

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:252 | Resp: | 801570 |
| Ion Ratio   | Lower | Upper  |
| 252 100     |       |        |
| 253 22.2    | 20.2  | 30.2   |
| 125 6.0     | 5.1   | 7.7    |





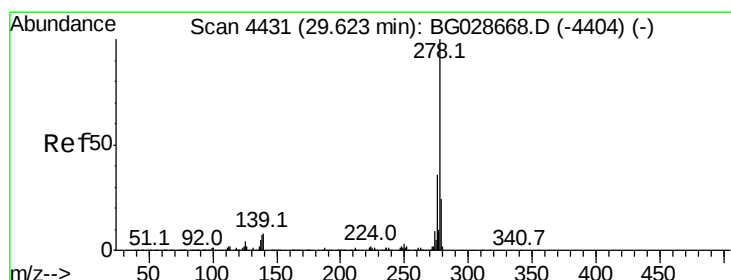
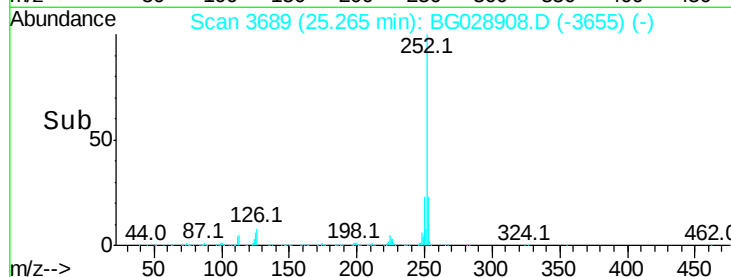
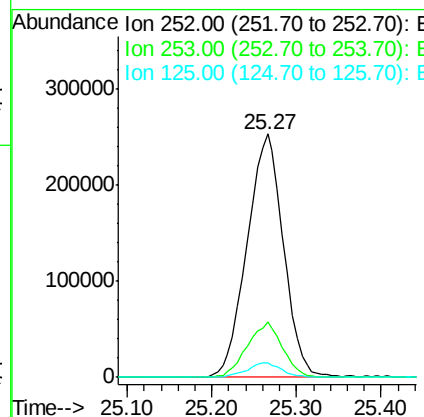
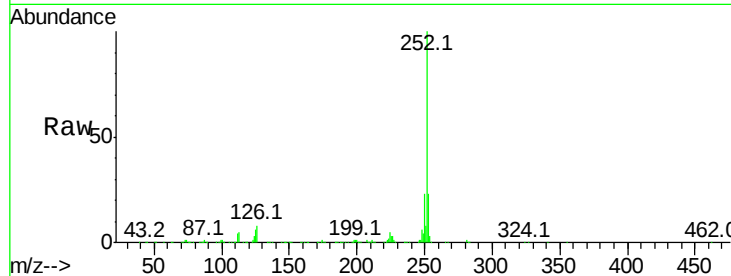
#89  
Benzo(a)pyrene  
Concen: 41.417 ng  
RT: 25.27 min Scan# 3689  
Delta R.T. -0.10 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 19.2  | 28.8  |
| 125     | 6.0   | 5.4   | 8.0   |

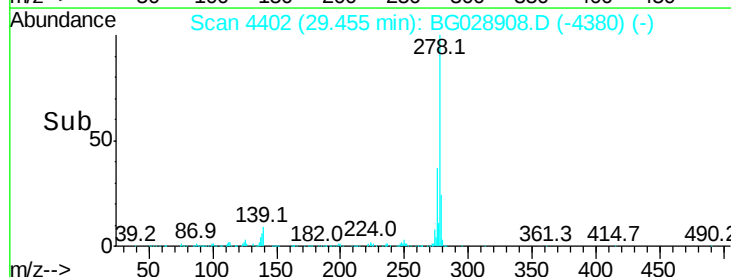
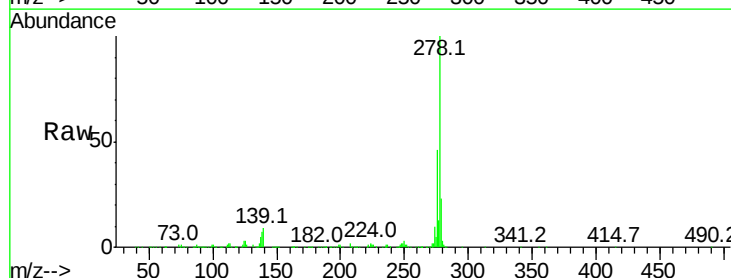
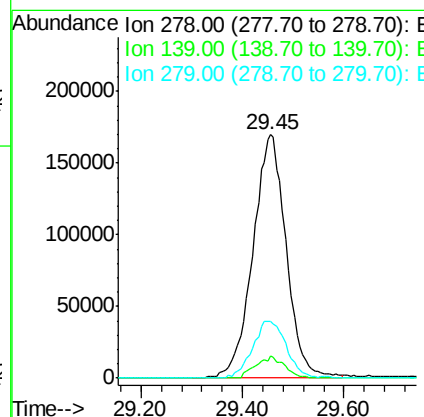
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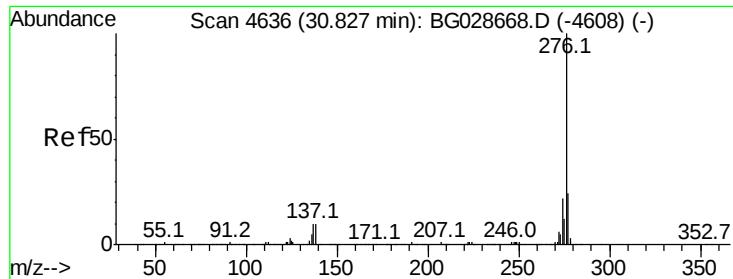
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#90  
Dibenzo(a,h)anthracene  
Concen: 40.585 ng  
RT: 29.45 min Scan# 4402  
Delta R.T. -0.17 min  
Lab File: BG028908.D  
Acq: 25 Sep 2017 15:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.9   | 7.7   | 11.5  |
| 279     | 23.5  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 40.929 ng  
 RT: 30.65 min Scan# 4605  
 Delta R.T. -0.18 min  
 Lab File: BG028908.D  
 Acq: 25 Sep 2017 15:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 760502 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.9  | 18.6  | 27.8   |
| 138       | 10.9  | 8.1   | 12.1   |

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