

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\  
 Data File : BB058563.D  
 Acq On : 29 Sep 2016 18:36  
 Operator : UM/SJ  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_B  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

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 9/30/2016 7:24:40 PM

Quant Time: Sep 30 10:13:56 2016  
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\8270-BB093016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 30 10:10:13 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.68  | 152  | 388740   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.62 | 136  | 1476759  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.57 | 164  | 731692   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.42 | 188  | 1256917  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.77 | 240  | 1127437  | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 25.85 | 264  | 1094250  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 6.06  | 112 | 519305  | 21.67 | ng | 0.00  |
| 7) Phenol-d6             | 7.79  | 99  | 618827  | 21.93 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.87  | 82  | 634722  | 21.53 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 17.11 | 330 | 179085  | 21.94 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 14.14 | 172 | 1054260 | 26.76 | ng | -0.02 |
| 78) Terphenyl-d14        | 21.08 | 244 | 972041  | 26.16 | ng | -0.02 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.69  | 88  | 100224 | 11.03 | ng | 98     |
| 3) Pyridine                    | 4.13  | 79  | 252147 | 10.85 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 4.05  | 42  | 186785 | 10.58 | ng | # 95   |
| 6) Aniline                     | 7.94  | 93  | 376439 | 10.56 | ng | 98     |
| 8) 2-Chlorophenol              | 8.21  | 128 | 295079 | 10.59 | ng | 98     |
| 9) Benzaldehyde                | 7.73  | 77  | 208534 | 16.03 | ng | 91     |
| 10) Phenol                     | 7.83  | 94  | 315851 | 10.88 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 8.04  | 93  | 280161 | 10.95 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 8.56  | 146 | 299112 | 10.52 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.69  | 146 | 307227 | 10.55 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 9.04  | 146 | 284644 | 10.50 | ng | 98     |
| 15) Benzyl Alcohol             | 8.91  | 79  | 215087 | 10.17 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.23  | 45  | 518519 | 11.40 | ng | 96     |
| 17) 2-Methylphenol             | 9.16  | 107 | 204430 | 10.25 | ng | 97     |
| 18) Hexachloroethane           | 9.83  | 117 | 135056 | 10.48 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 9.52  | 70  | 222865 | 10.79 | ng | 91     |
| 20) 3+4-Methylphenols          | 9.50  | 107 | 278420 | 10.84 | ng | # 76   |
| 22) Acetophenone               | 9.52  | 105 | 355201 | 10.92 | ng | # 97   |
| 24) Nitrobenzene               | 9.93  | 77  | 318702 | 10.81 | ng | 94     |
| 25) Isophorone                 | 10.49 | 82  | 621909 | 10.87 | ng | 99     |
| 26) 2-Nitrophenol              | 10.68 | 139 | 178812 | 9.93  | ng | 99     |
| 27) 2,4-Dimethylphenol         | 10.76 | 122 | 261426 | 10.44 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.99 | 93  | 329121 | 10.83 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 11.26 | 162 | 233400 | 9.98  | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 11.49 | 180 | 239955 | 10.10 | ng | 99     |
| 31) Naphthalene                | 11.66 | 128 | 772742 | 10.96 | ng | 97     |
| 32) Benzoic acid               | 10.91 | 122 | 136598 | 8.52  | ng | # 89   |
| 33) 4-Chloroaniline            | 11.76 | 127 | 319165 | 10.14 | ng | 95     |
| 34) Hexachlorobutadiene        | 12.01 | 225 | 124286 | 10.08 | ng | 100    |
| 35) Caprolactam                | 12.53 | 113 | 95173  | 10.90 | ng | # 82   |
| 36) 4-Chloro-3-methylphenol    | 12.93 | 107 | 254874 | 10.27 | ng | 89     |
| 37) 2-Methylnaphthalene        | 13.32 | 142 | 498843 | 10.94 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.72 | 216 | 225352 | 12.64 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 13.72 | 237 | 96778  | 9.94  | ng | 98     |

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Manual Integrations  
 APPROVED

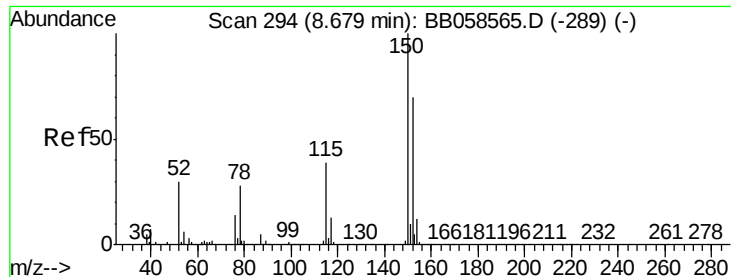
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 9/30/2016 7:24:40 PM

Quant Time: Sep 30 10:13:56 2016  
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\8270-BB093016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 30 10:10:13 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.95 | 196  | 159908   | 11.16 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 14.03 | 196  | 163912   | 11.43 | nq    | 99       |
| 45) 1,1'-Biphenyl              | 14.36 | 154  | 630587   | 12.26 | nq    | 93       |
| 46) 2-Chloronaphthalene        | 14.39 | 162  | 475713   | 12.20 | nq    | 96       |
| 47) 2-Nitroaniline             | 14.59 | 65   | 186720   | 12.32 | nq    | 88       |
| 48) Acenaphthylene             | 15.28 | 152  | 762940   | 12.54 | nq    | 94       |
| 49) Dimethylphthalate          | 14.99 | 163  | 581880   | 12.04 | nq    | # 97     |
| 50) 2,6-Dinitrotoluene         | 15.11 | 165  | 156662   | 11.27 | nq    | 93       |
| 51) Acenaphthene               | 15.63 | 154  | 495150   | 12.14 | nq    | 98       |
| 52) 3-Nitroaniline             | 15.43 | 138  | 158689   | 10.90 | nq    | 84       |
| 53) 2,4-Dinitrophenol          | 15.65 | 184  | 74655    | 7.90  | nq    | # 1      |
| 54) Dibenzofuran               | 15.97 | 168  | 654175   | 12.66 | nq    | 99       |
| 55) 4-Nitrophenol              | 15.76 | 139  | 134102   | 10.66 | nq    | 93       |
| 56) 2,4-Dinitrotoluene         | 15.92 | 165  | 202466   | 11.12 | nq    | # 68     |
| 57) Fluorene                   | 16.65 | 166  | 551249   | 13.48 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.22 | 232  | 120001   | 11.21 | nq    | 98       |
| 59) Diethylphthalate           | 16.40 | 149  | 617993   | 12.57 | nq    | # 88     |
| 60) 4-Chlorophenyl-phenylether | 16.65 | 204  | 242276   | 12.20 | nq    | 90       |
| 61) 4-Nitroaniline             | 15.43 | 138  | 158689   | 10.90 | nq    | 84       |
| 62) Azobenzene                 | 16.94 | 77   | 645209   | 13.00 | nq    | # 83     |
| 64) 4,6-Dinitro-2-methylphenol | 16.72 | 198  | 115132   | 8.71  | nq    | # 73     |
| 65) n-Nitrosodiphenylamine     | 16.86 | 169  | 476700   | 11.29 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 17.57 | 248  | 134993   | 9.93  | nq    | # 89     |
| 67) Hexachlorobenzene          | 17.73 | 284  | 169254   | 10.22 | nq    | # 85     |
| 68) Atrazine                   | 17.84 | 200  | 156921   | 11.61 | nq    | 98       |
| 69) Pentachlorophenol          | 18.07 | 266  | 101714   | 9.62  | nq    | 98       |
| 70) Phenanthrene               | 18.46 | 178  | 737408   | 11.27 | nq    | 94       |
| 71) Anthracene                 | 18.53 | 178  | 722925   | 11.10 | nq    | 93       |
| 72) Carbazole                  | 18.80 | 167  | 707059   | 11.22 | nq    | 93       |
| 73) Di-n-butylphthalate        | 19.40 | 149  | 1198434  | 14.52 | nq    | # 86     |
| 74) Fluoranthene               | 20.50 | 202  | 710849   | 11.53 | nq    | 92       |
| 76) Benzidine                  | 20.67 | 184  | 393524   | 12.13 | nq    | 99       |
| 77) Pyrene                     | 20.88 | 202  | 754966   | 12.29 | nq    | 91       |
| 79) Butylbenzylphthalate       | 21.79 | 149  | 518694   | 11.93 | nq    | # 82     |
| 80) Benzo(a)anthracene         | 22.75 | 228  | 662961   | 11.43 | nq    | 94       |
| 81) 3,3'-Dichlorobenzidine     | 22.66 | 252  | 268751   | 12.30 | nq    | # 91     |
| 82) Chrysene                   | 22.83 | 228  | 637025   | 11.53 | nq    | 89       |
| 83) Bis(2-ethylhexyl)phthalate | 22.67 | 149  | 720257   | 12.95 | nq    | 90       |
| 84) Di-n-octyl phthalate       | 23.83 | 149  | 1278097  | 12.89 | nq    | # 98     |
| 85) Indeno(1,2,3-cd)pyrene     | 29.11 | 276  | 570518   | 9.09  | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 24.89 | 252  | 615623   | 9.49  | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 24.95 | 252  | 647108m  | 11.39 | nq    |          |
| 89) Benzo(a)pyrene             | 25.70 | 252  | 579647   | 10.22 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 29.15 | 278  | 465472   | 9.10  | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 30.11 | 276  | 456232   | 9.17  | nq    | 94       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.68 min Scan# 294

Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

ClientSampleId :

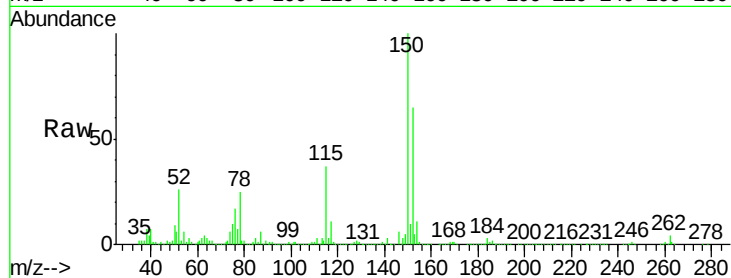
SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 388740 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 154.2 | 122.9 | 184.3  |
| 115       | 57.6  | 48.5  | 72.7   |

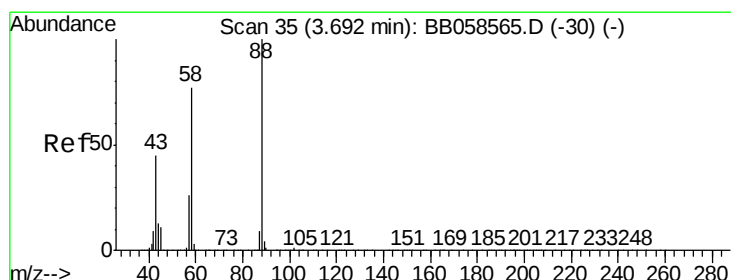
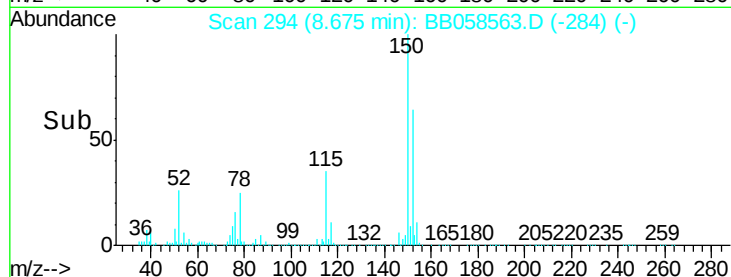
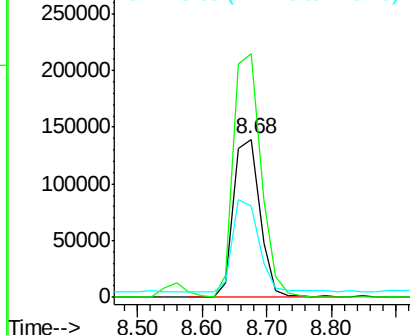
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 11.03 ng

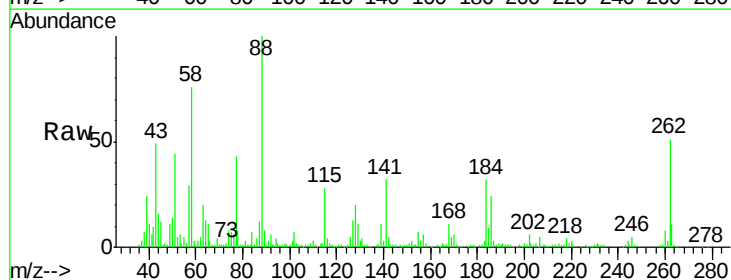
RT: 3.69 min Scan# 35

Delta R.T. -0.00 min

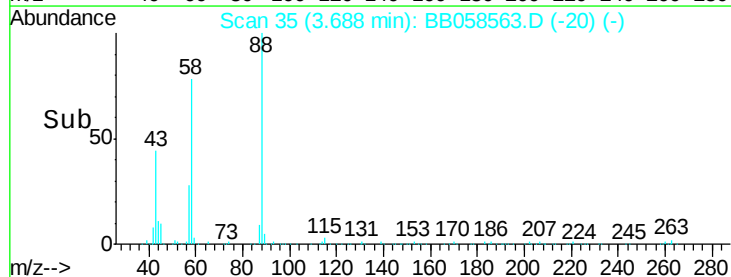
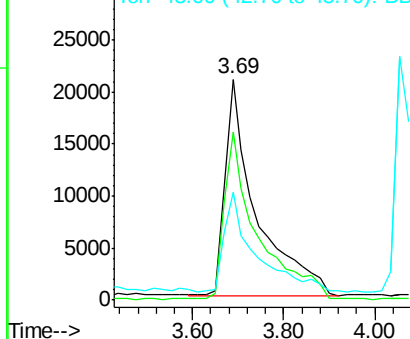
Lab File: BB058563.D

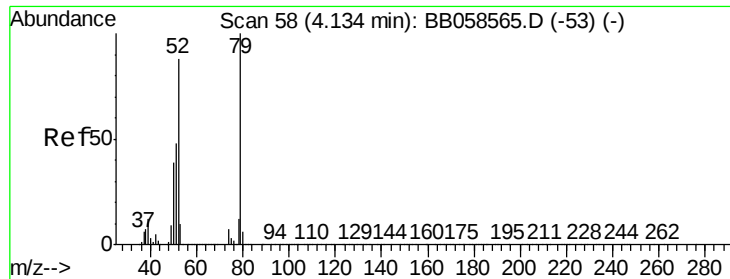
Acq: 29 Sep 2016 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 100224 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 80.2  | 62.6  | 93.8   |
| 43        | 45.9  | 36.5  | 54.7   |



Abundance Ion 88.00 (87.70 to 88.70): BB0  
Ion 58.00 (57.70 to 58.70): BB0  
Ion 43.00 (42.70 to 43.70): BB0





#3

Pvridine

Concen: 10.85 ng

RT: 4.13 min Scan# 58

Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

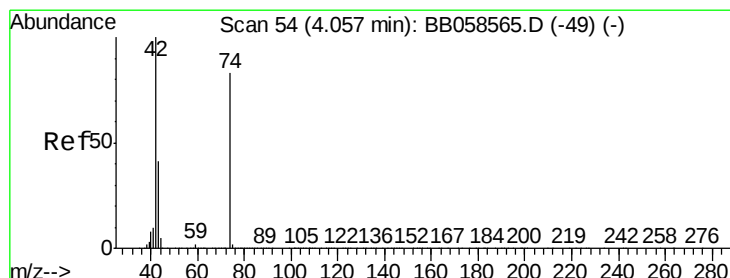
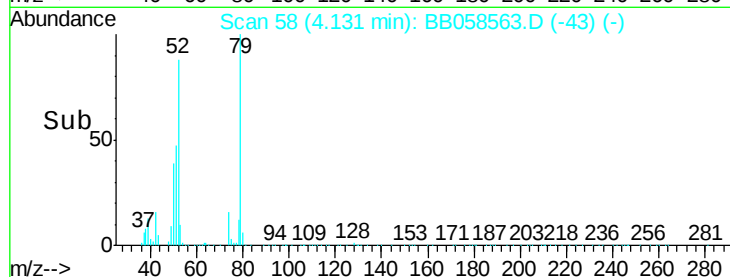
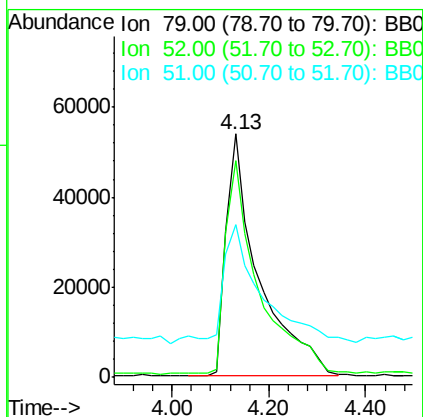
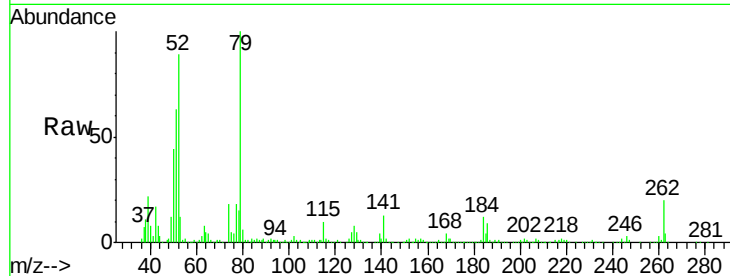
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 252147 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 89.0  | 69.4  | 104.2  |
| 51        | 62.7  | 42.7  | 64.1   |

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#4

n-Nitrosodimethylamine

Concen: 10.58 ng

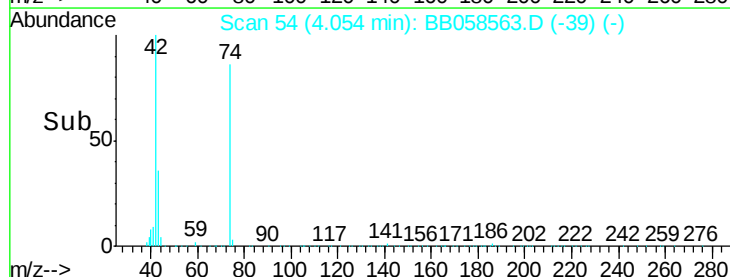
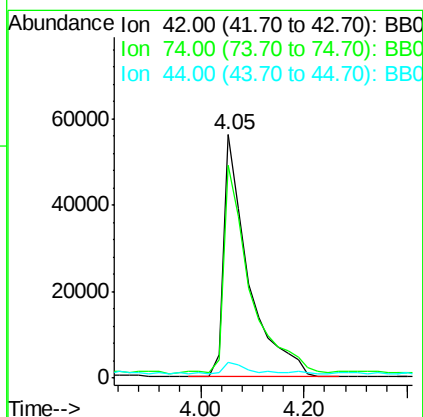
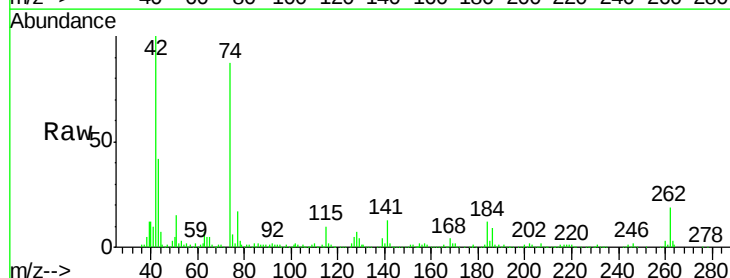
RT: 4.05 min Scan# 54

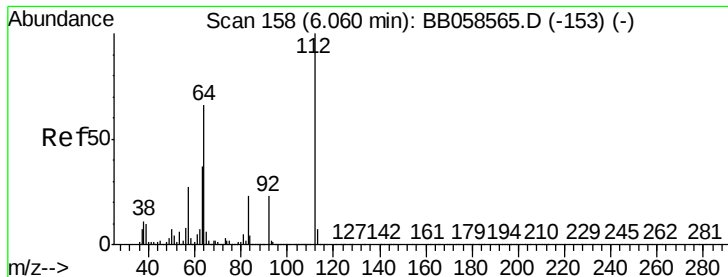
Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 186785 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 87.2  | 73.5  | 110.3  |
| 44        | 6.6   | 4.1   | 6.1#   |





#5

2-Fluorophenol

Concen: 21.67 ng

RT: 6.06 min Scan# 158

Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

ClientSampleId :

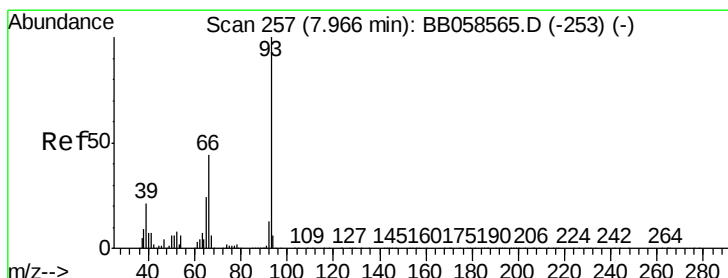
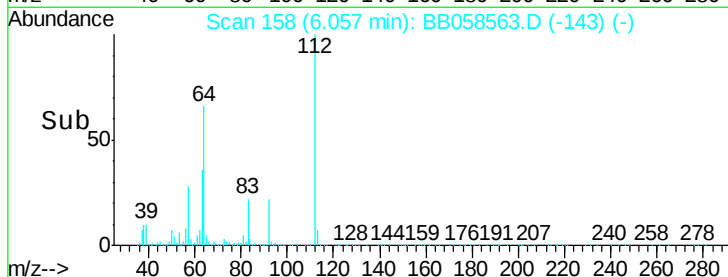
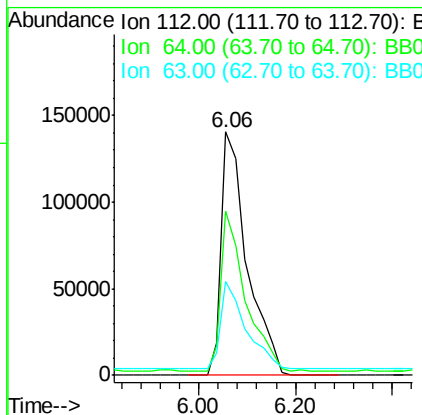
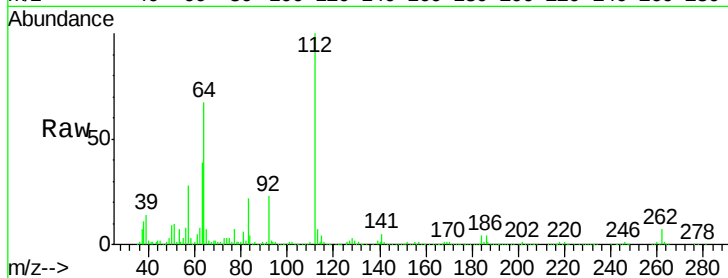
SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 519305 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 67.3  | 46.7  | 70.1   |
| 63        | 38.7  | 27.0  | 40.6   |

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#6

Aniline

Concen: 10.56 ng

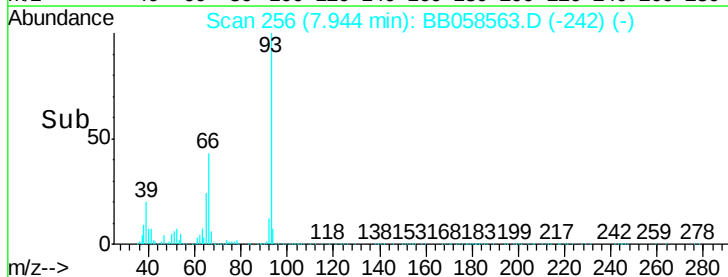
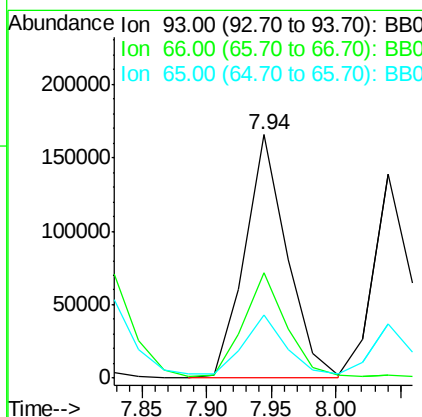
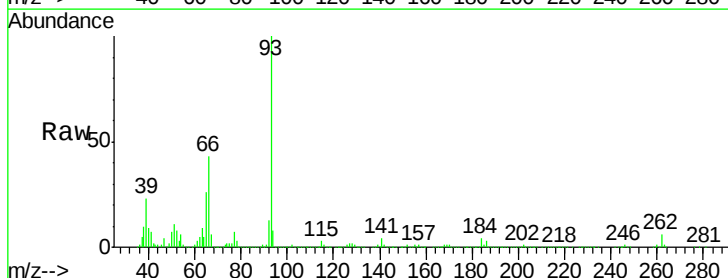
RT: 7.94 min Scan# 256

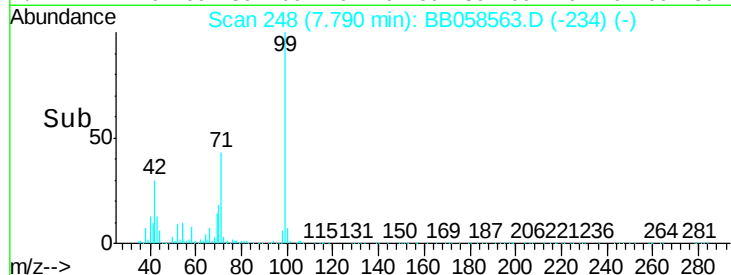
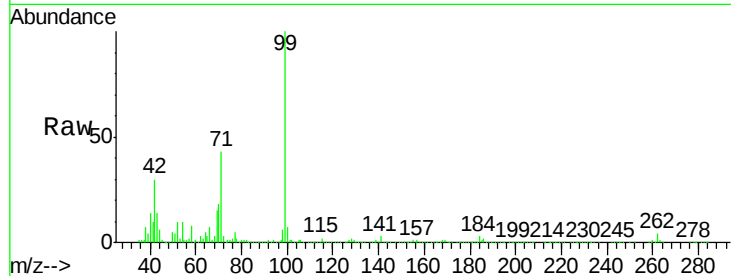
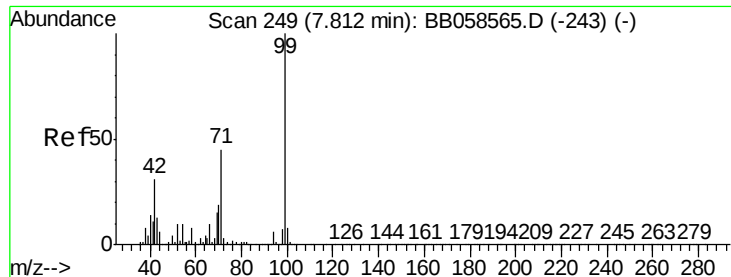
Delta R.T. -0.02 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 376439 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 43.2  | 34.7  | 52.1   |
| 65        | 25.7  | 19.0  | 28.6   |





#7

Phenol-d6

Concen: 21.93 ng

RT: 7.79 min Scan# 248

Delta R.T. -0.02 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 618827 |       |       |
| 42      | 30.2 | 22.0  | 33.0   |       |       |
| 71      | 43.3 | 34.5  | 51.7   |       |       |

Instrument :

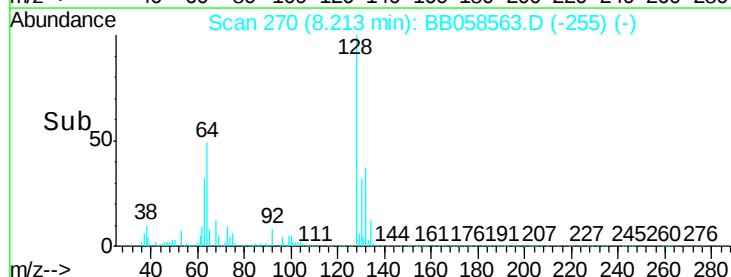
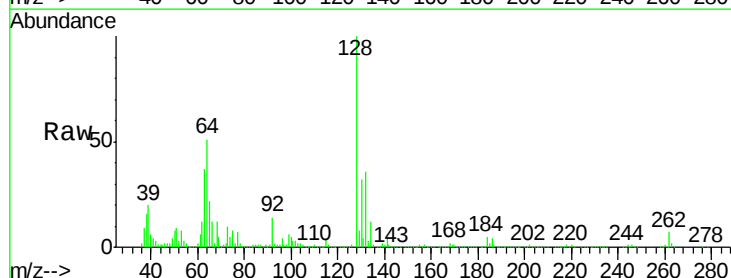
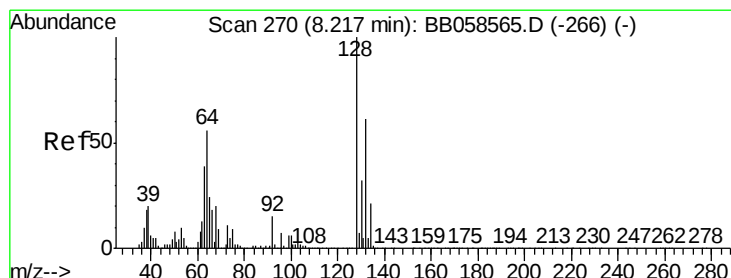
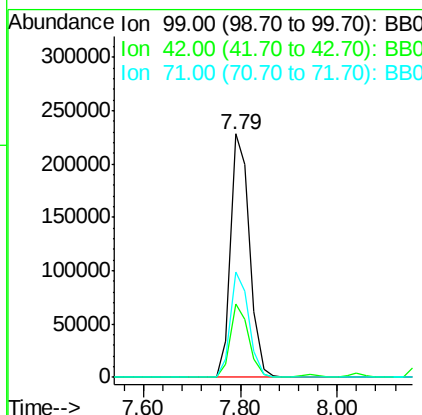
BNA\_B

ClientSampleId :

SSTDICC010

Manual Integrations  
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#8

2-Chlorophenol

Concen: 10.59 ng

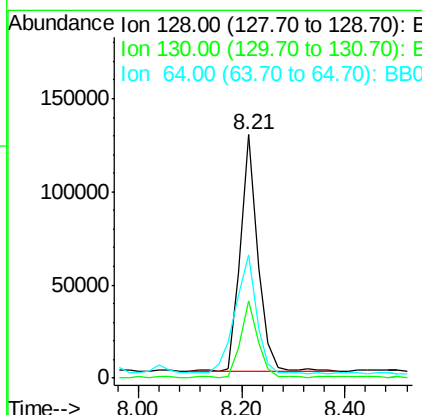
RT: 8.21 min Scan# 270

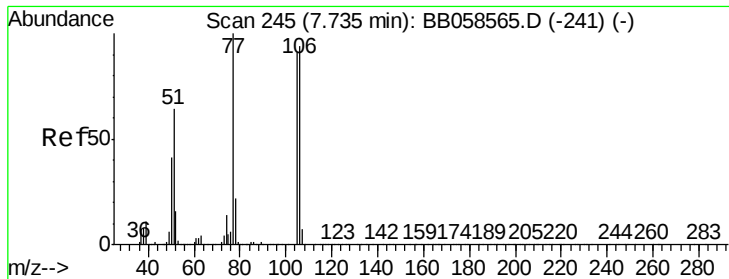
Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 295079 |       |       |
| 130     | 31.5 | 13.0  | 53.0   |       |       |
| 64      | 50.7 | 29.6  | 69.6   |       |       |





#9

Benzaldehyde

Concen: 16.03 ng

RT: 7.73 min Scan# 245

Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

ClientSampleId :

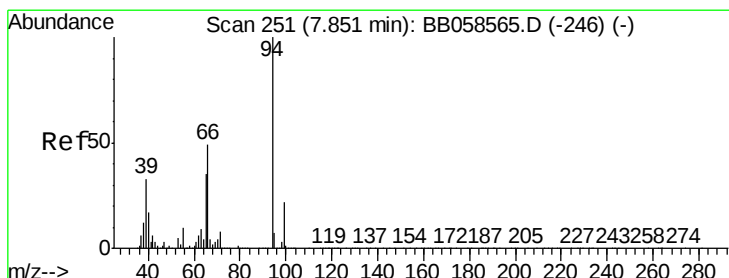
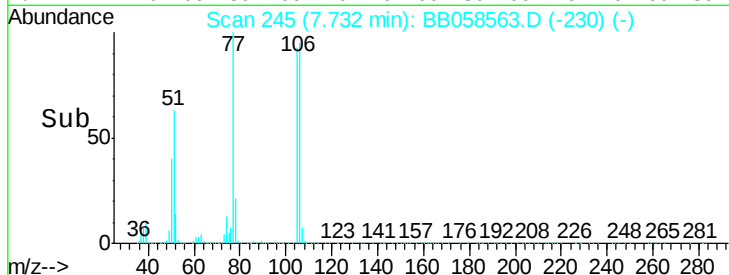
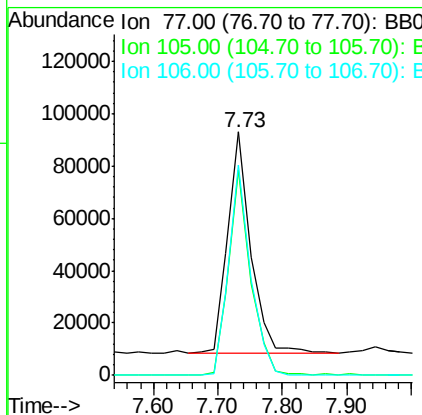
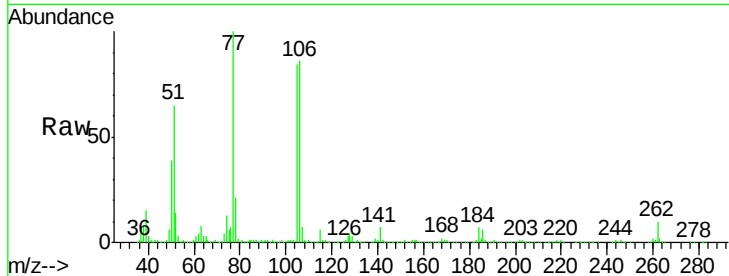
SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 208534 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 84.1  | 71.9  | 111.9  |
| 106       | 86.4  | 75.7  | 115.7  |

Manual Integrations  
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#10

Phenol

Concen: 10.88 ng

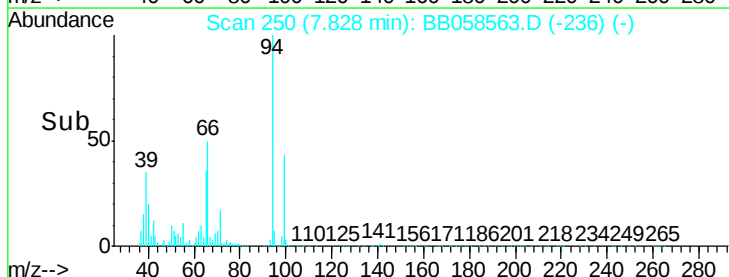
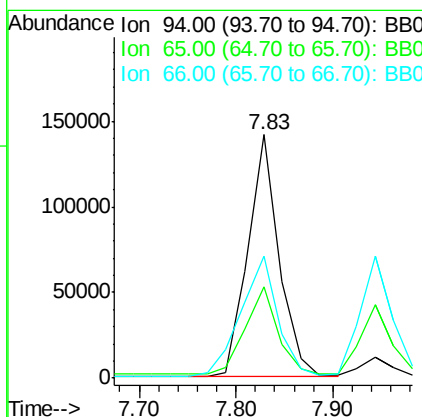
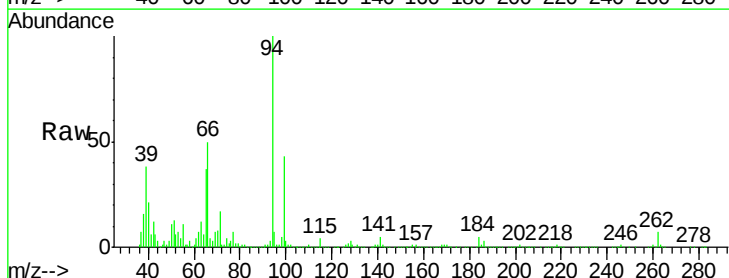
RT: 7.83 min Scan# 250

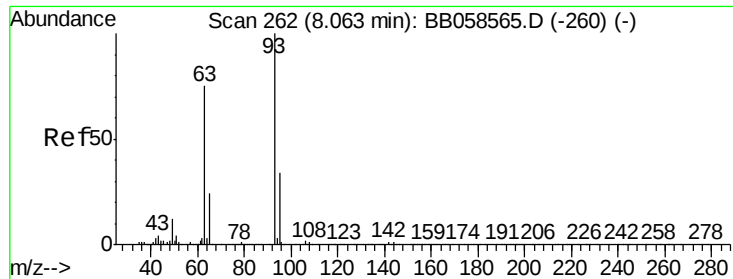
Delta R.T. -0.02 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 315851 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 37.3  | 16.4  | 56.4   |
| 66        | 49.9  | 31.6  | 71.6   |





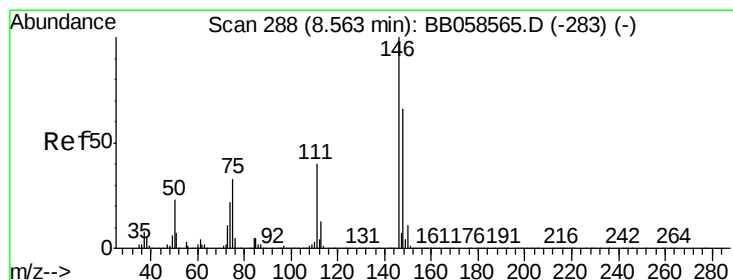
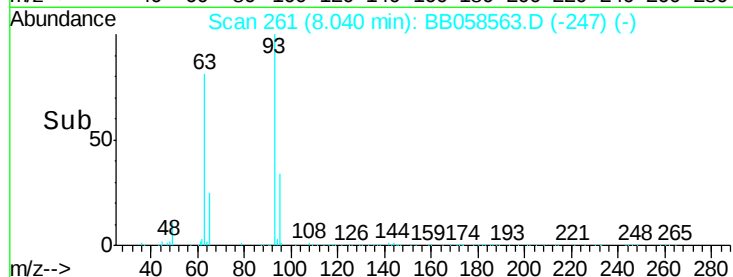
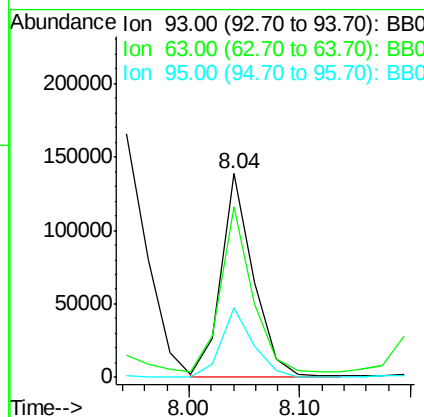
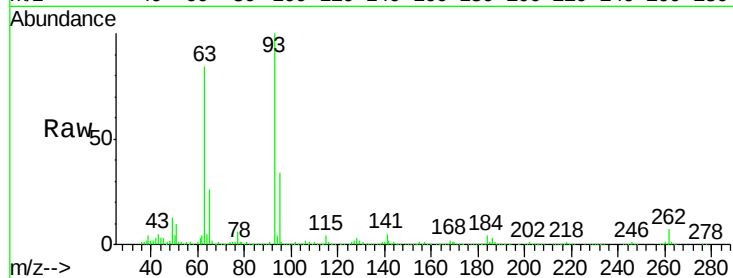
#11  
bis(2-Chloroethyl)ether  
Concen: 10.95 ng  
RT: 8.04 min Scan# 261  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 280161 |       |       |
| 63      | 83.8  | 53.6   | 93.6  |       |
| 95      | 34.2  | 14.7   | 54.7  |       |

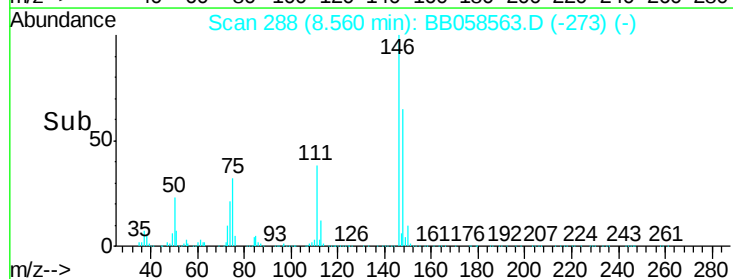
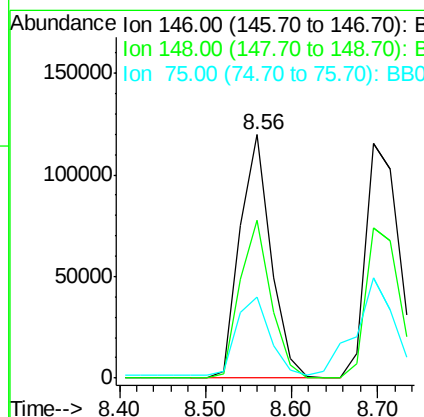
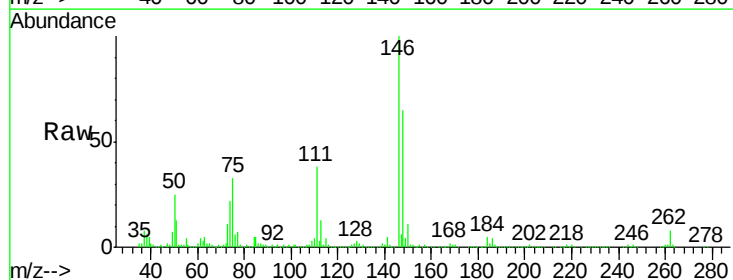
Manual Integrations  
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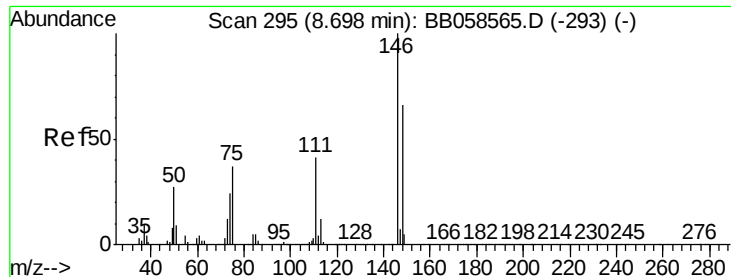
sohil  
9/30/2016 7:24:40 PM



#12  
1,3-Dichlorobenzene  
Concen: 10.52 ng  
RT: 8.56 min Scan# 288  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 299112 |       |       |
| 148     | 65.1  | 52.5   | 78.7  |       |
| 75      | 33.3  | 29.7   | 44.5  |       |





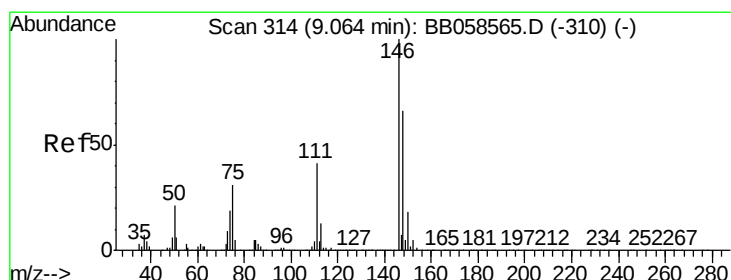
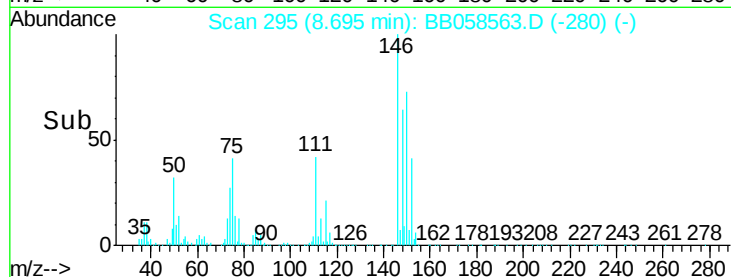
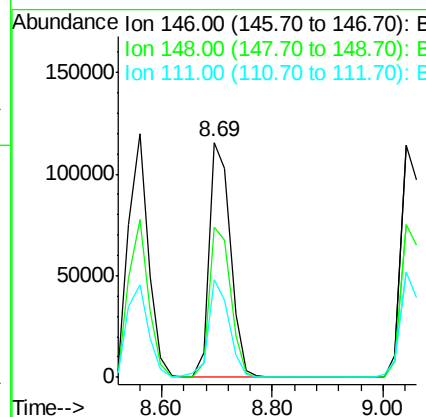
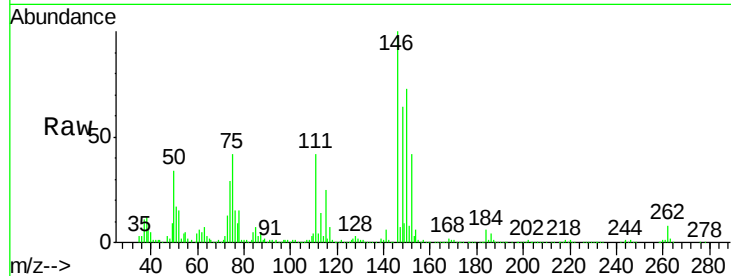
#13  
1,4-Dichlorobenzene  
Concen: 10.55 ng  
RT: 8.69 min Scan# 295  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 53.4  | 80.0  |
| 111     | 41.7  | 32.0  | 48.0  |

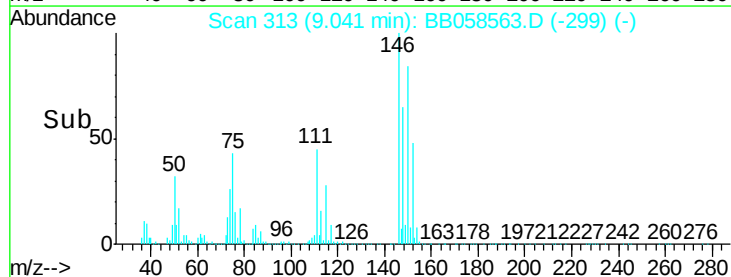
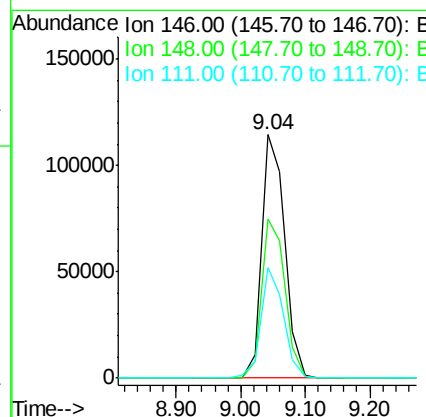
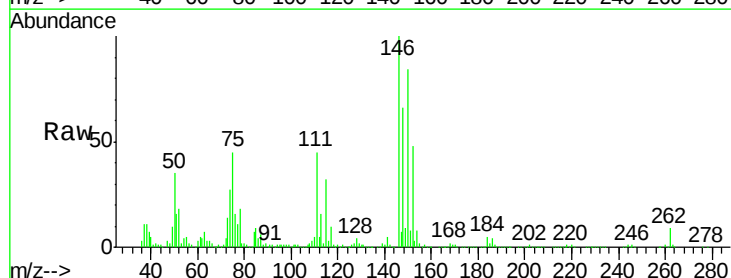
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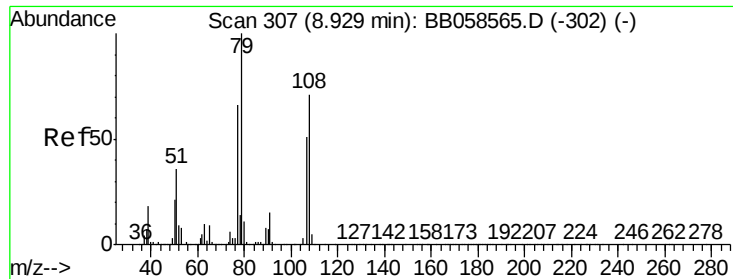
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#14  
1,2-Dichlorobenzene  
Concen: 10.50 ng  
RT: 9.04 min Scan# 313  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.5  | 53.6  | 80.4  |
| 111     | 45.4  | 37.4  | 56.0  |





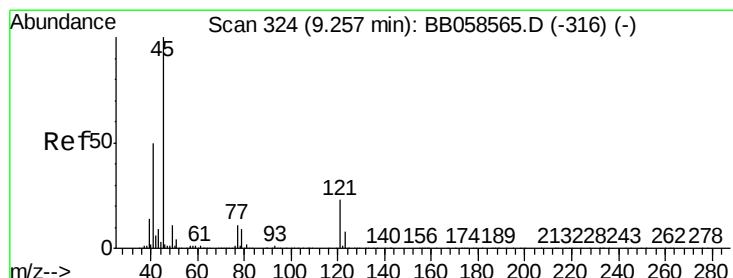
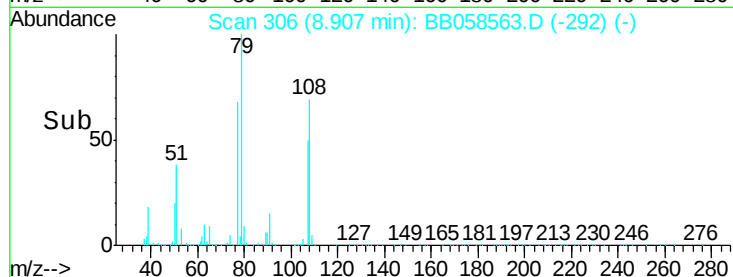
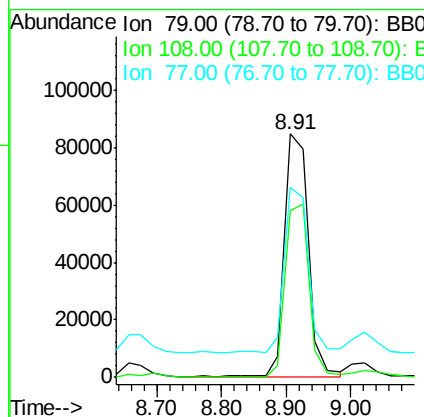
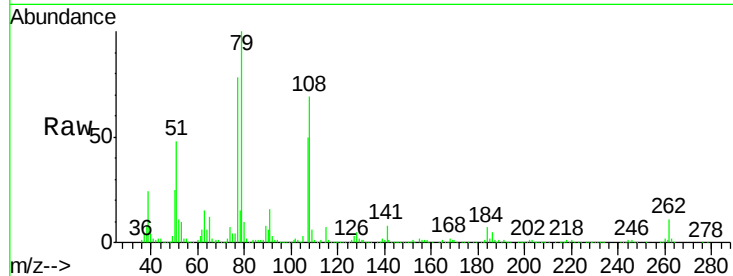
#15  
Benzyl Alcohol  
Concen: 10.17 ng  
RT: 8.91 min Scan# 306  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampled :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 68.6  | 58.6  | 87.8  |
| 77      | 78.2  | 56.9  | 85.3  |

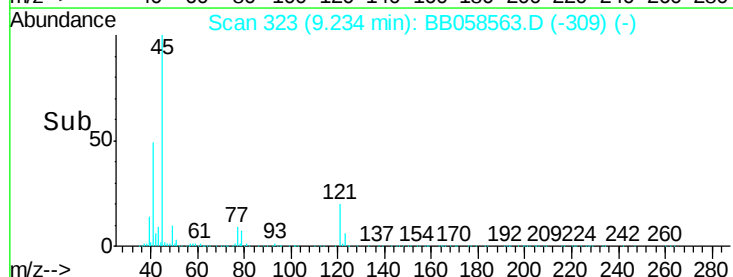
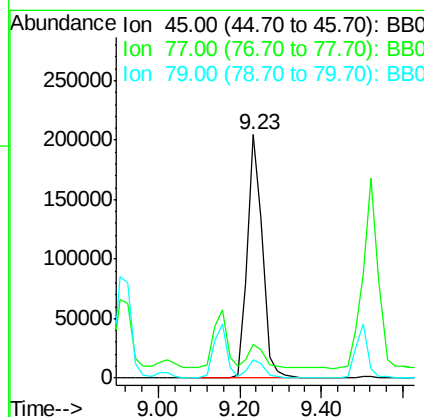
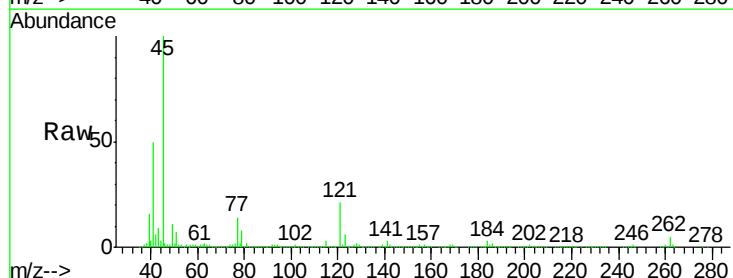
Manual Integrations  
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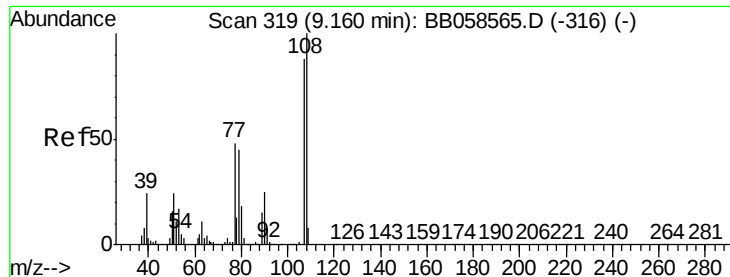
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 11.40 ng  
RT: 9.23 min Scan# 323  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.8  | 0.0   | 32.3  |
| 79      | 7.8   | 0.0   | 28.9  |





#17

2-Methylphenol

Concen: 10.25 ng

RT: 9.16 min Scan# 319

Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

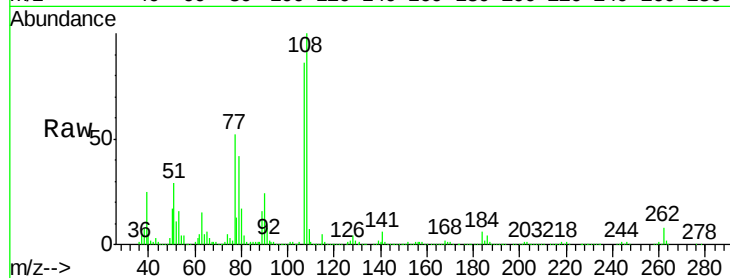
ClientSampleId :

SSTDICC010

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 115.6 | 92.0 | 138.0 |       |
| 77      | 60.7  | 44.9 | 67.3  |       |
| 79      | 48.4  | 40.5 | 60.7  |       |

Manual Integrations  
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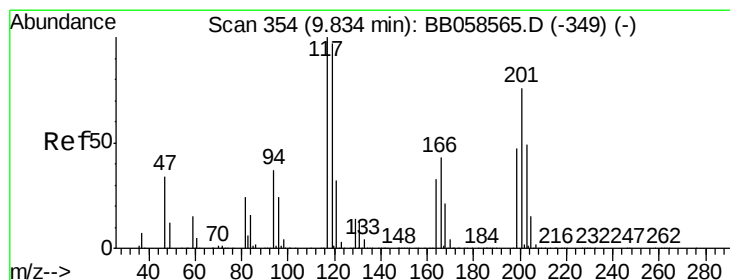
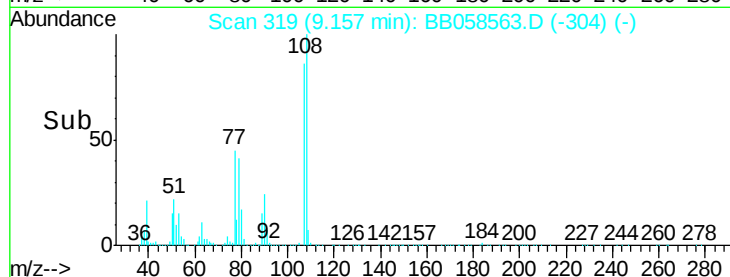
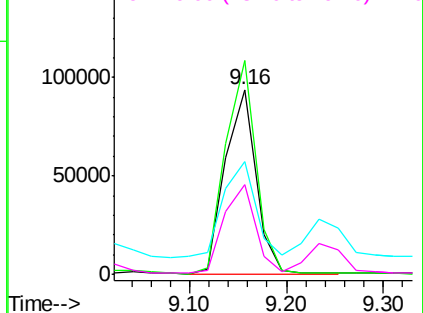


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BB0

Ion 79.00 (78.70 to 79.70): BB0



#18

Hexachloroethane

Concen: 10.48 ng

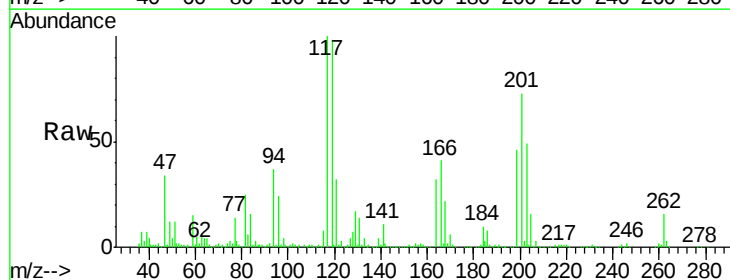
RT: 9.83 min Scan# 354

Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

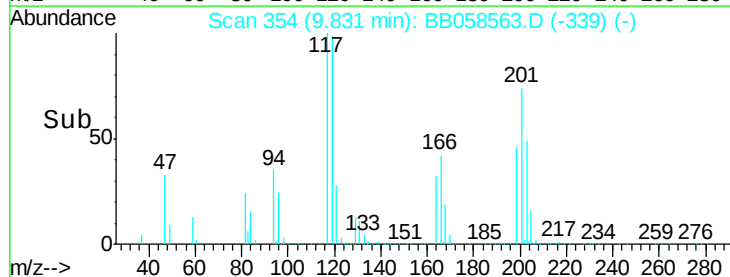
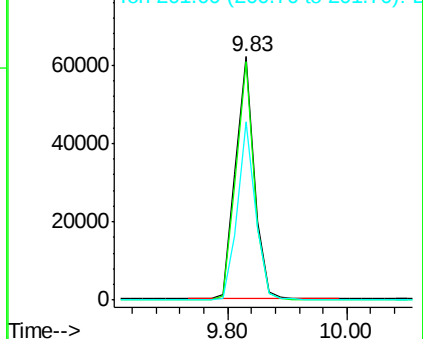
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 98.2  | 78.5 | 117.7 |       |
| 201     | 73.1  | 68.8 | 103.2 |       |

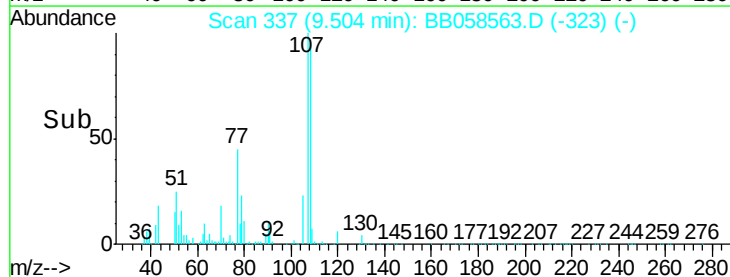
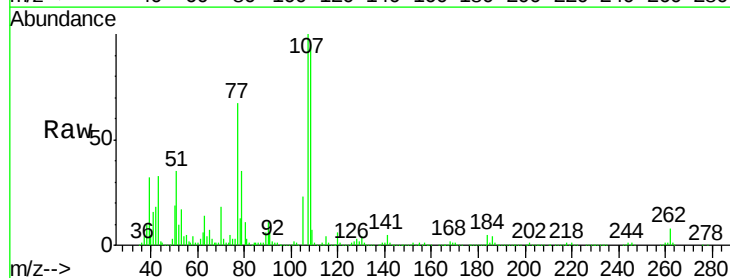
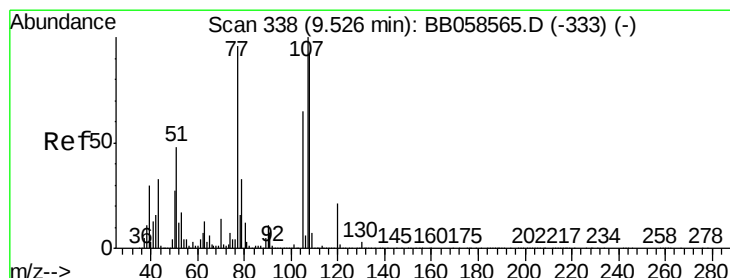
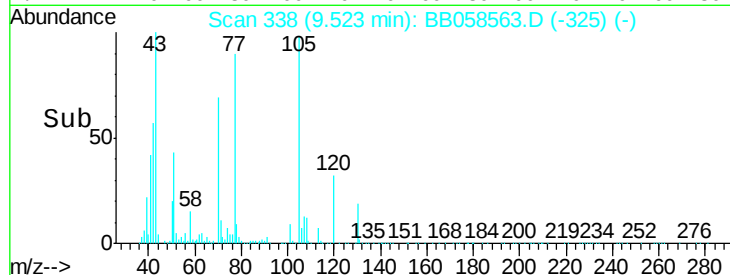
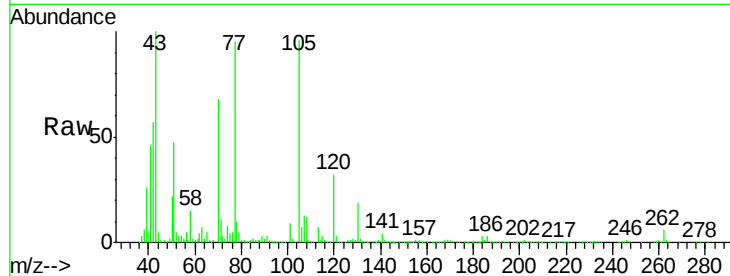
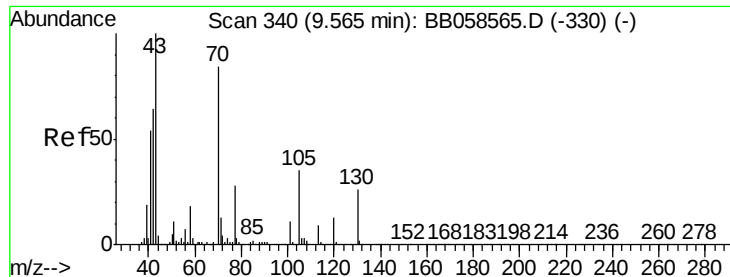


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

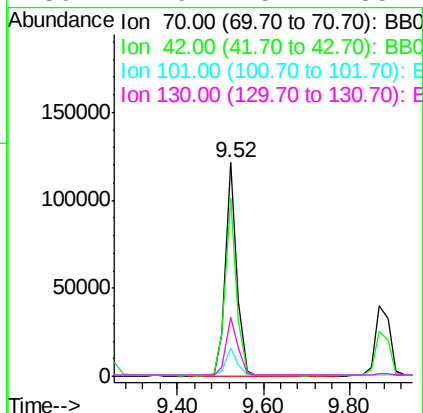
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 10.79 ng  
RT: 9.52 min Scan# 338  
Delta R.T. -0.04 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 70      | 100   |      |       |       |
| 42      | 83.5  | 59.7 | 89.5  |       |
| 101     | 12.9  | 10.7 | 16.1  |       |
| 130     | 27.9  | 25.4 | 38.2  |       |



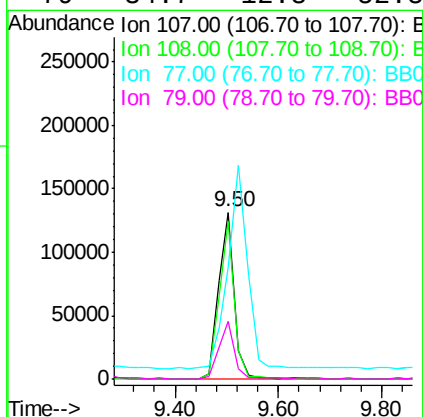
Instrument :  
BNA\_B  
ClientSampleId :  
SSTDIC010

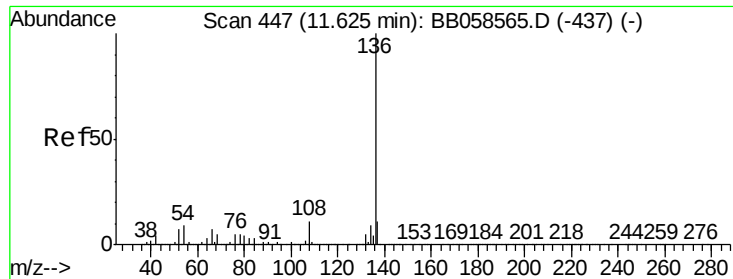
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 10.84 ng  
RT: 9.50 min Scan# 337  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 107     | 100   |      |        |       |
| 108     | 94.9  | 70.4 | 110.4  |       |
| 77      | 66.5  | 96.1 | 136.1# |       |
| 79      | 34.7  | 12.8 | 52.8   |       |





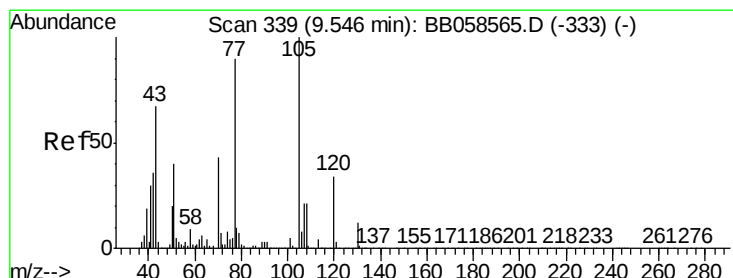
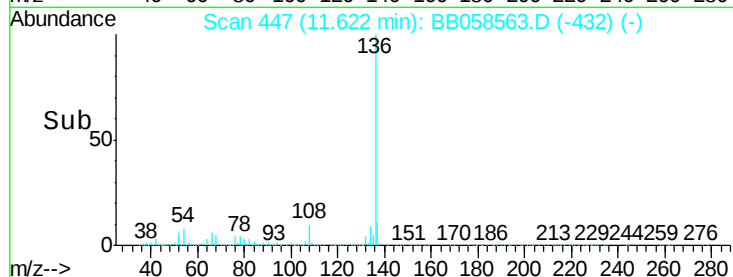
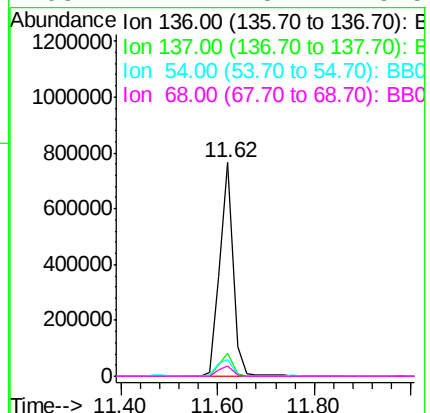
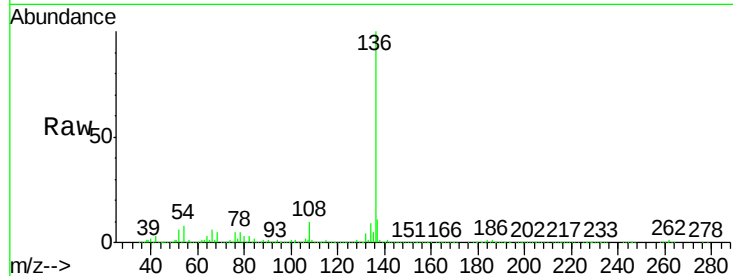
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.62 min Scan# 447  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 136     | 100  |       |      |       |       |
| 137     | 10.7 | 9.2   | 13.8 |       |       |
| 54      | 8.1  | 6.4   | 9.6  |       |       |
| 68      | 4.7  | 3.7   | 5.5  |       |       |

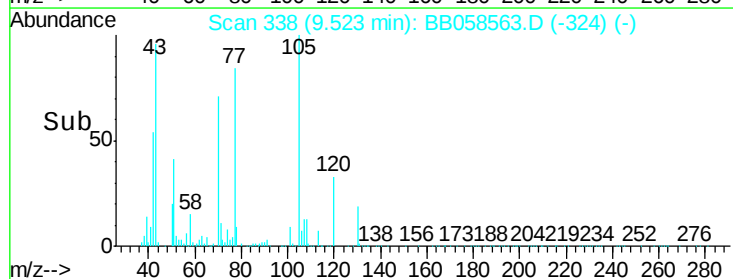
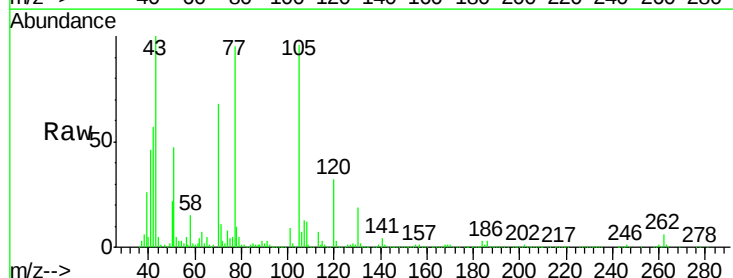
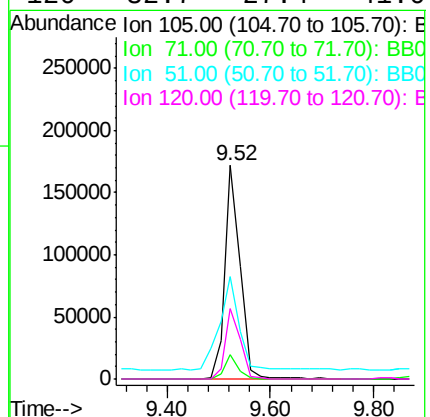
Manual Integrations  
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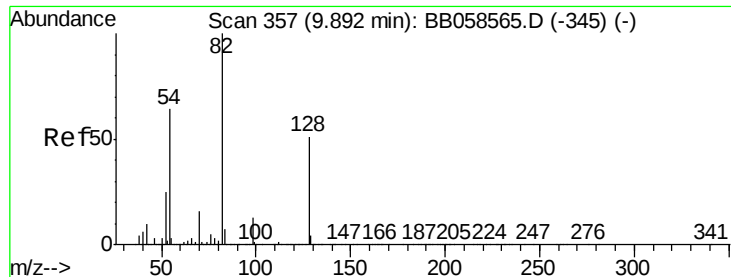
sohil  
9/30/2016 7:24:40 PM



#22  
Acetophenone  
Concen: 10.92 ng  
RT: 9.52 min Scan# 338  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 105     | 100  |       |      |       |       |
| 71      | 11.2 | 3.6   | 5.4# |       |       |
| 51      | 48.2 | 37.3  | 55.9 |       |       |
| 120     | 32.7 | 27.4  | 41.0 |       |       |





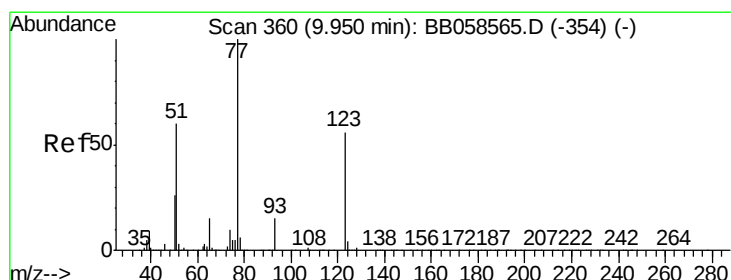
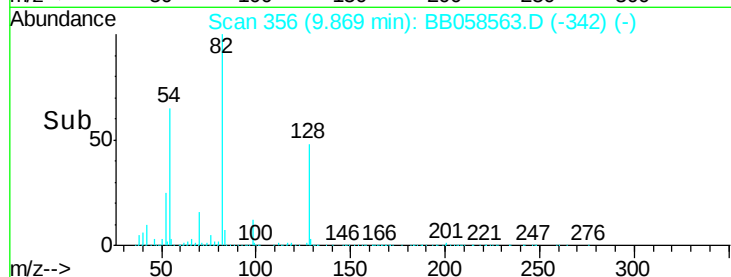
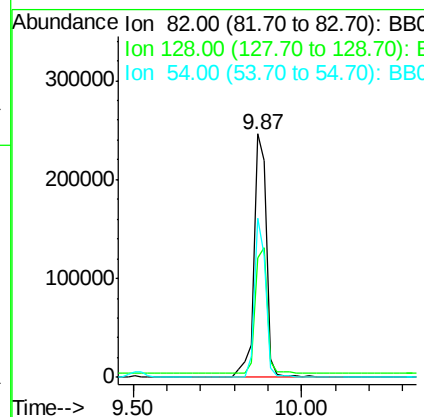
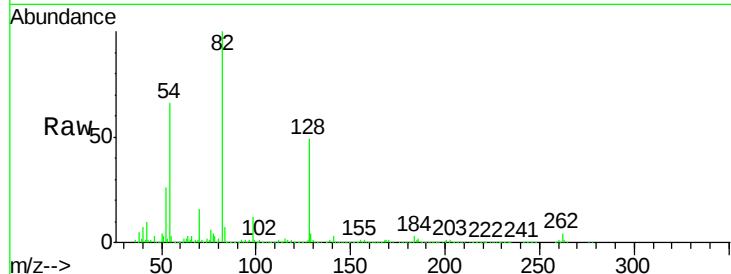
#23  
Nitrobenzene-d5  
Concen: 21.53 ng  
RT: 9.87 min Scan# 356  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 49.2  | 48.4  | 72.6  |
| 54      | 65.6  | 47.8  | 71.8  |

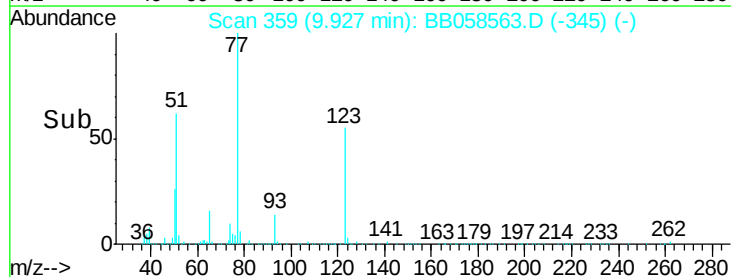
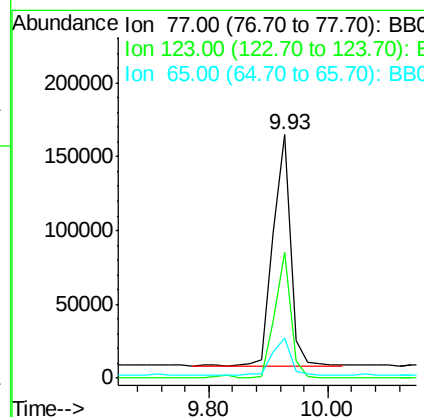
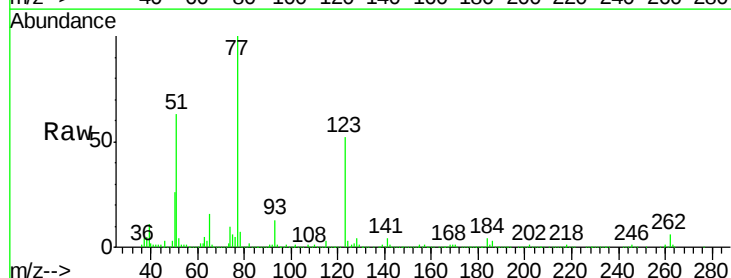
Manual Integrations  
APPROVED

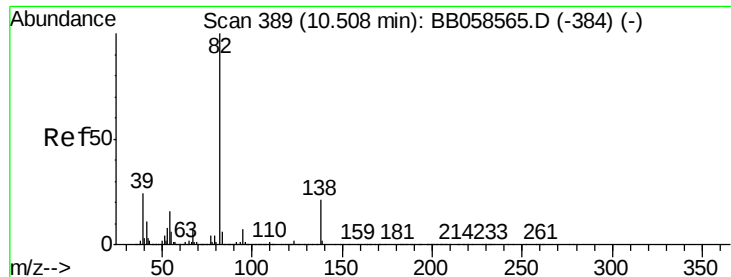
sohil  
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#24  
Nitrobenzene  
Concen: 10.81 ng  
RT: 9.93 min Scan# 359  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 51.8  | 46.2  | 69.2  |
| 65      | 16.4  | 13.3  | 19.9  |





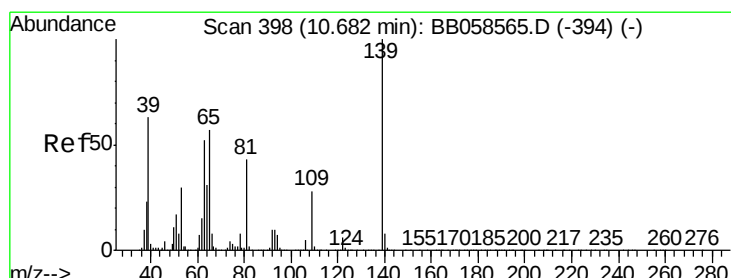
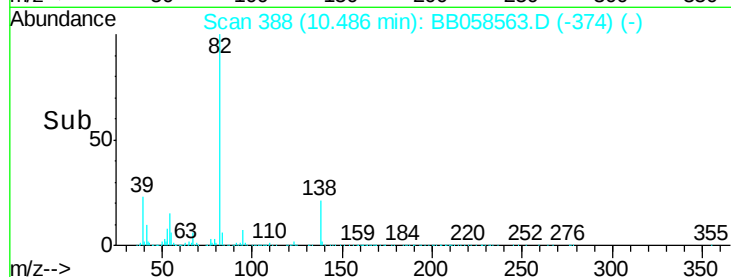
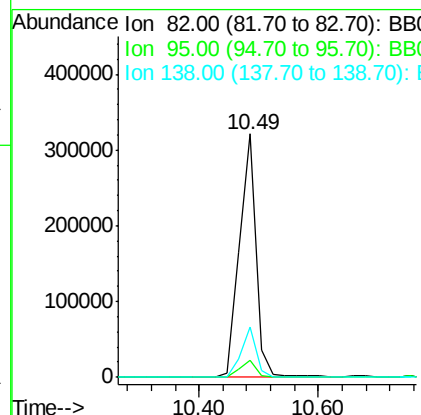
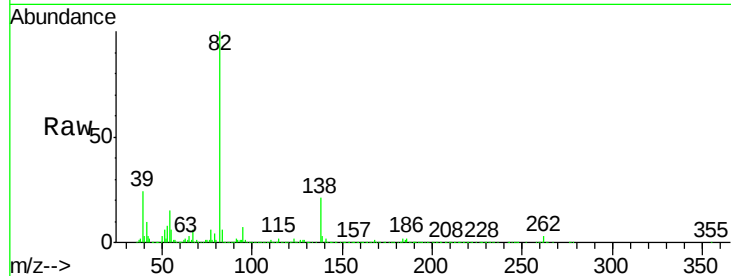
#25  
Isophorone  
Concen: 10.87 ng  
RT: 10.49 min Scan# 388  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.0   | 5.9   | 8.9   |
| 138     | 20.7  | 17.0  | 25.6  |

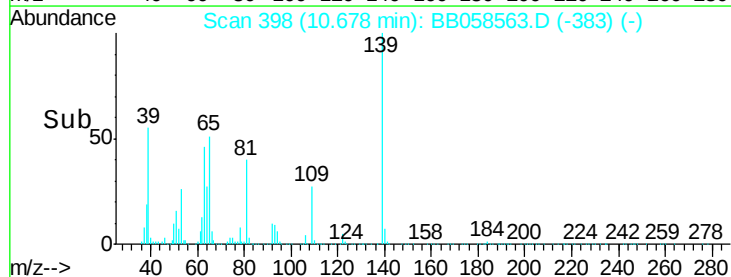
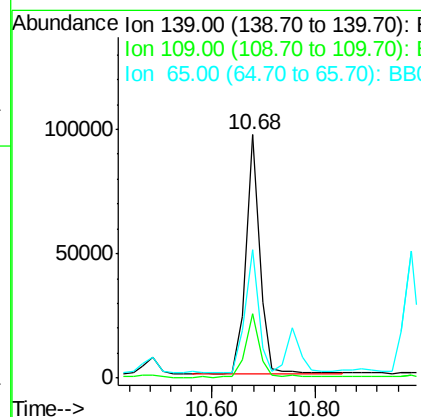
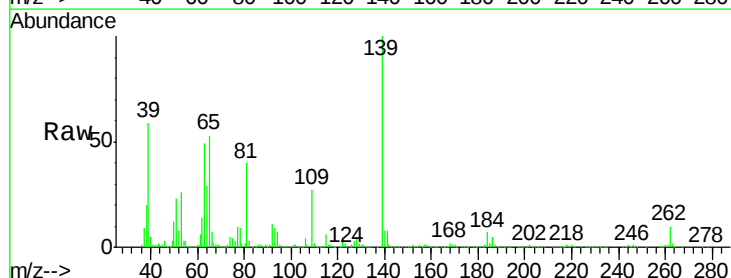
Manual Integrations  
APPROVED

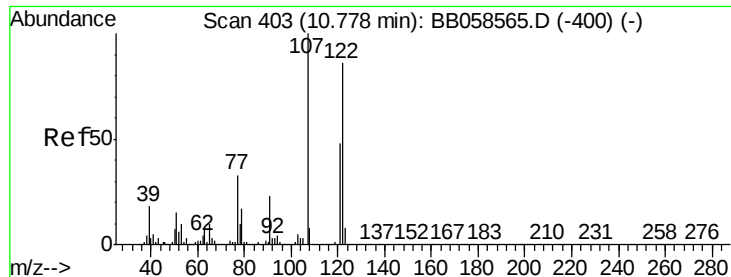
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#26  
2-Nitrophenol  
Concen: 9.93 ng  
RT: 10.68 min Scan# 398  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 26.7  | 22.0  | 33.0  |
| 65      | 52.7  | 42.4  | 63.6  |





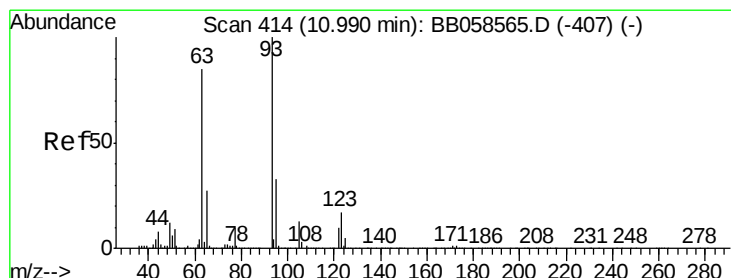
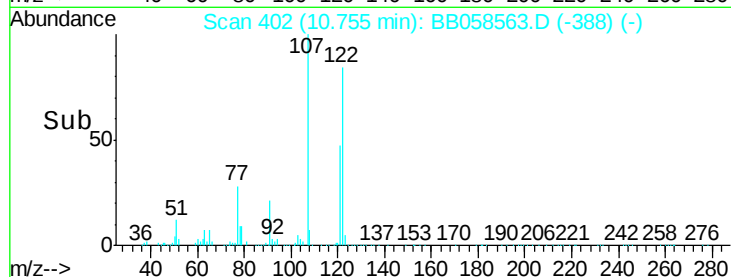
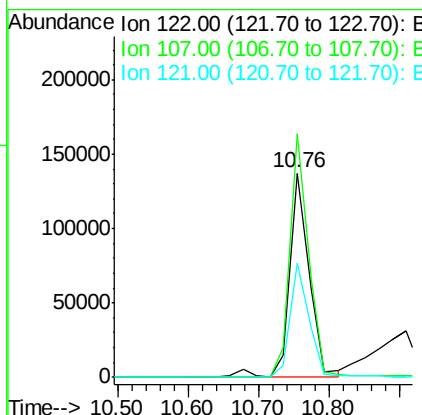
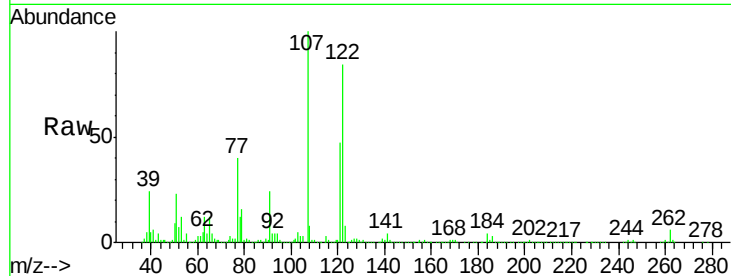
#27  
2,4-Dimethylphenol  
Concen: 10.44 ng  
RT: 10.76 min Scan# 402  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampled :  
SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 261426 |       |       |
| 107     | 119.3 | 90.0   | 135.0 |       |
| 121     | 56.1  | 45.1   | 67.7  |       |

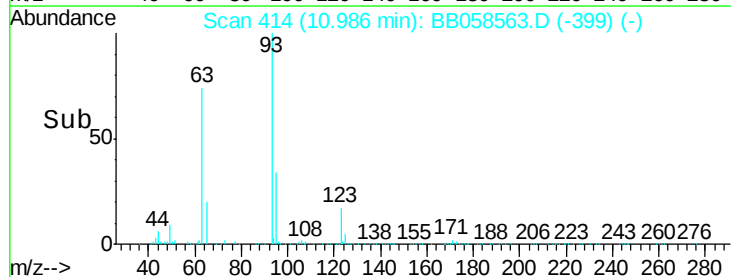
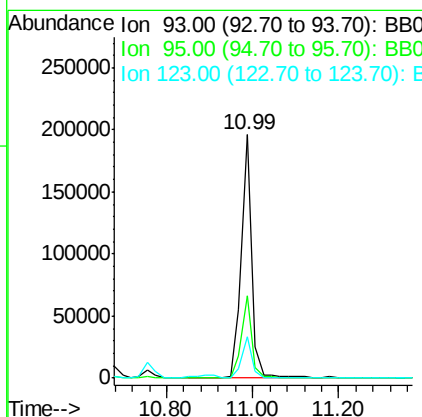
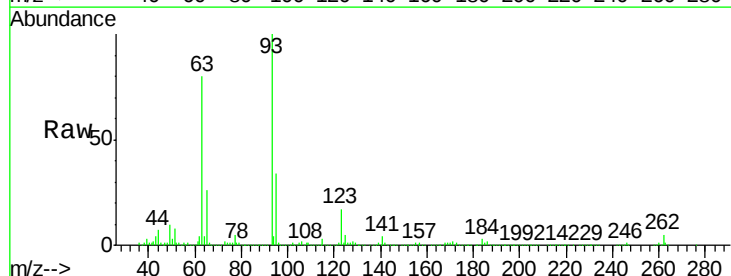
Manual Integrations  
APPROVED

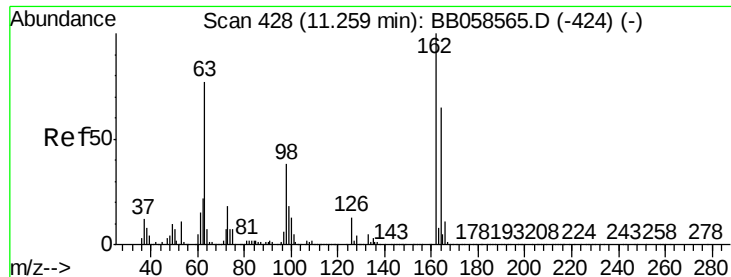
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#28  
bis(2-Chloroethoxy)methane  
Concen: 10.83 ng  
RT: 10.99 min Scan# 414  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 329121 |       |       |
| 95      | 33.6  | 27.0   | 40.6  |       |
| 123     | 17.1  | 13.9   | 20.9  |       |





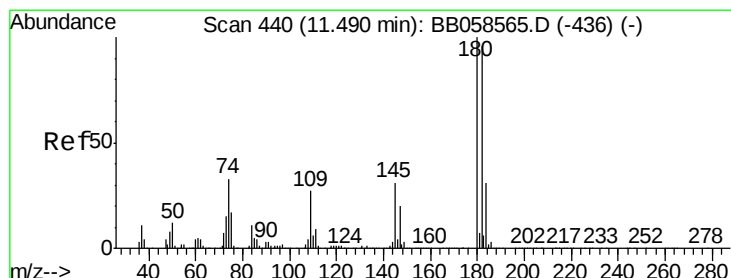
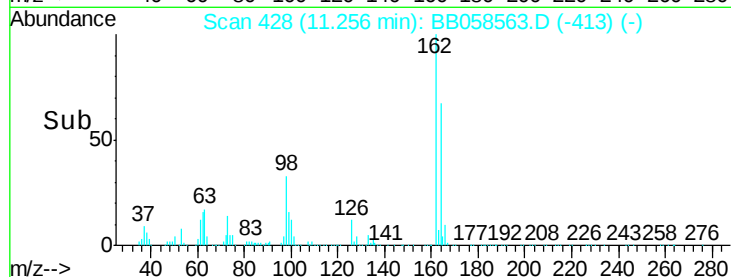
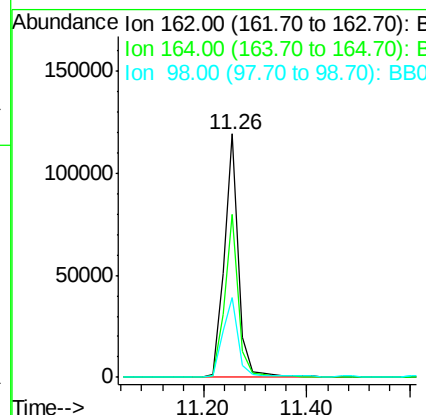
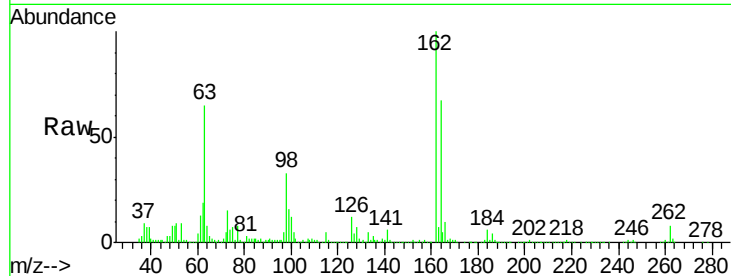
#29  
2,4-Dichlorophenol  
Concen: 9.98 ng  
RT: 11.26 min Scan# 428  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 233400 |       |       |
| 164     | 67.1  | 44.2   | 84.2  |       |
| 98      | 32.9  | 16.4   | 56.4  |       |

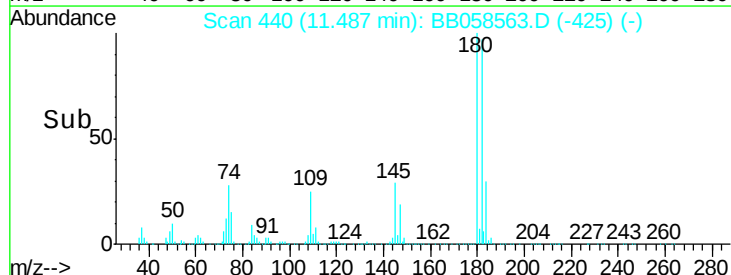
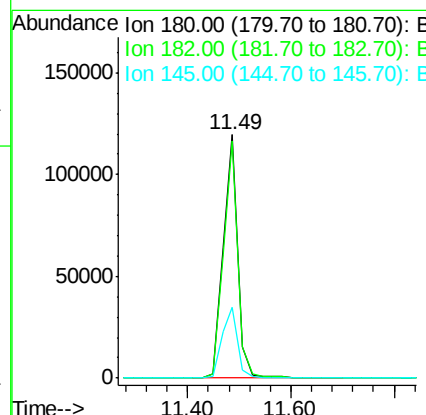
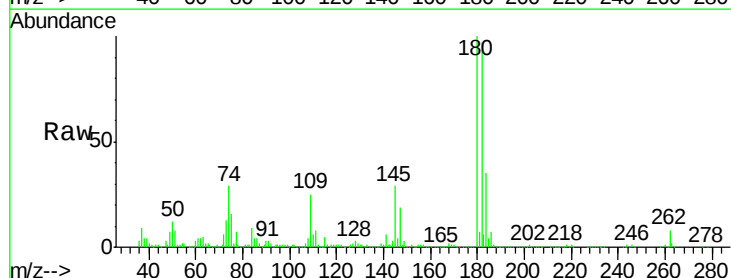
Manual Integrations  
APPROVED

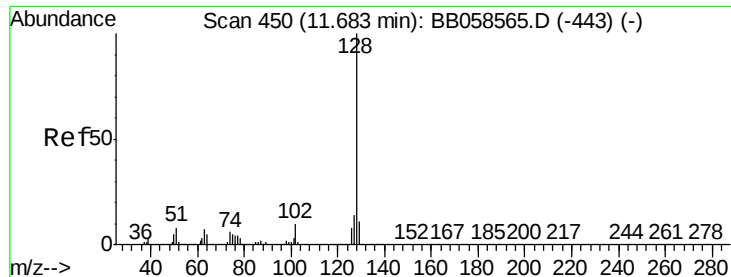
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#30  
1,2,4-Trichlorobenzene  
Concen: 10.10 ng  
RT: 11.49 min Scan# 440  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 239955 |       |       |
| 182     | 97.3  | 77.4   | 116.2 |       |
| 145     | 29.1  | 24.0   | 36.0  |       |





#31

Naphthalene

Concen: 10.96 ng

RT: 11.66 min Scan# 449

Delta R.T. -0.02 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

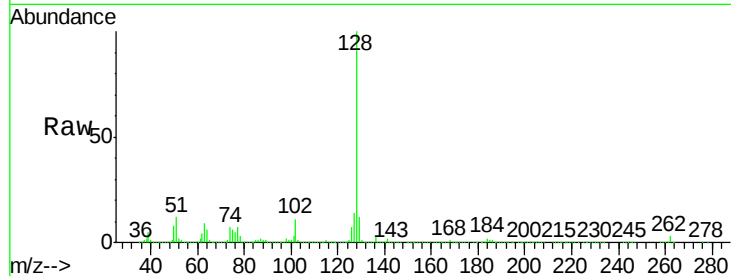
ClientSampleId :

SSTDICC010

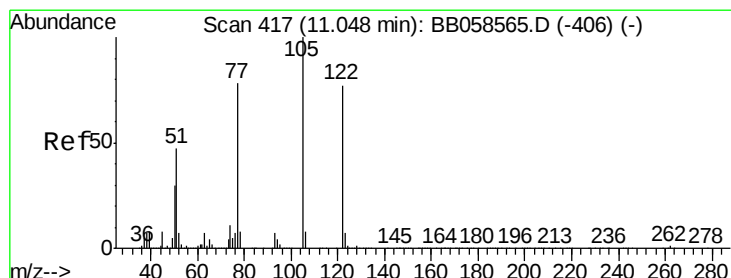
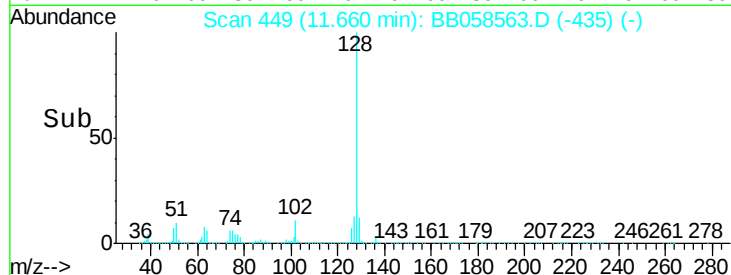
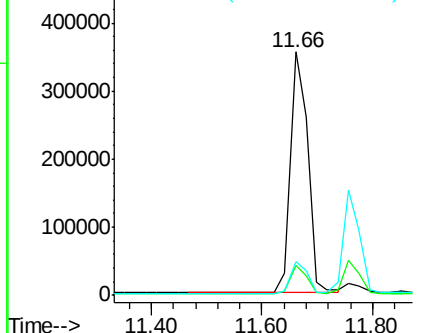
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 772742 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 12.0  | 10.3  | 15.5   |
| 127       | 13.7  | 12.5  | 18.7   |

Manual Integrations  
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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: 8.52 ng

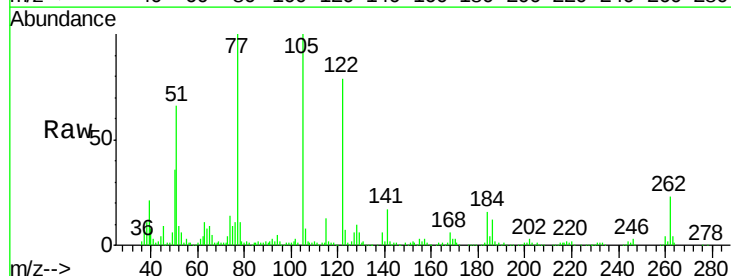
RT: 10.91 min Scan# 410

Delta R.T. -0.14 min

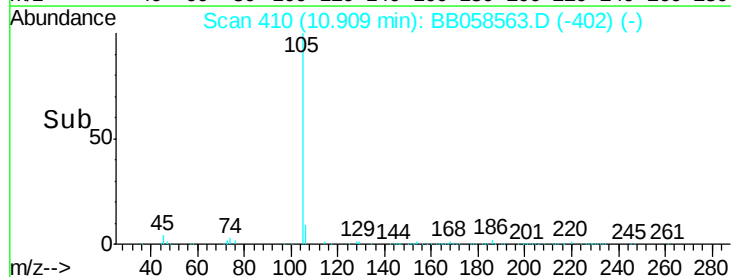
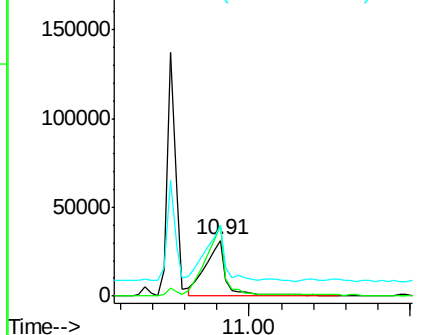
Lab File: BB058563.D

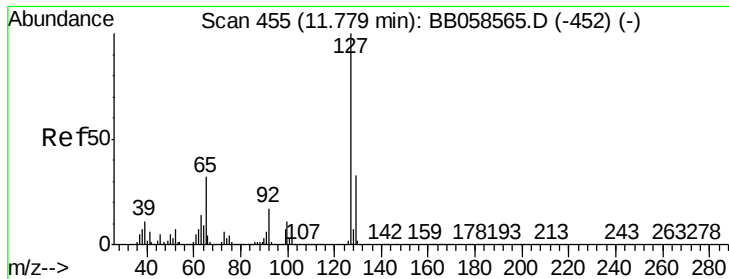
Acq: 29 Sep 2016 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 136598 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 126.6 | 102.6 | 142.6  |
| 77        | 126.9 | 86.7  | 126.7# |



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): BB0





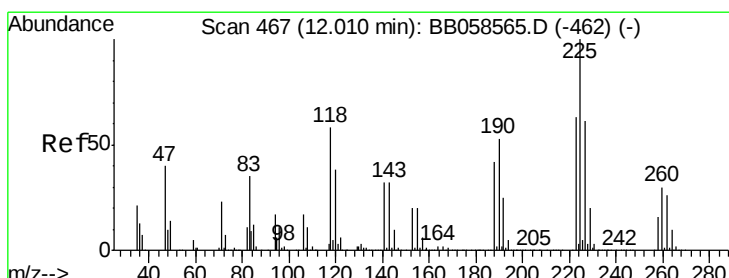
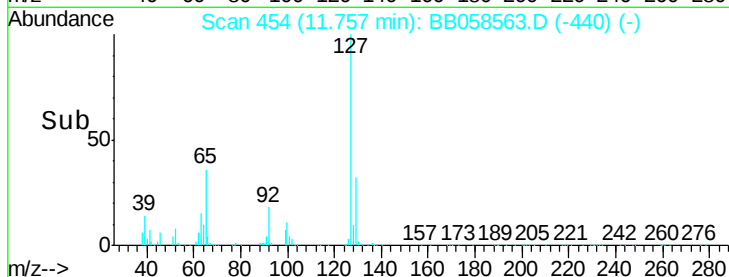
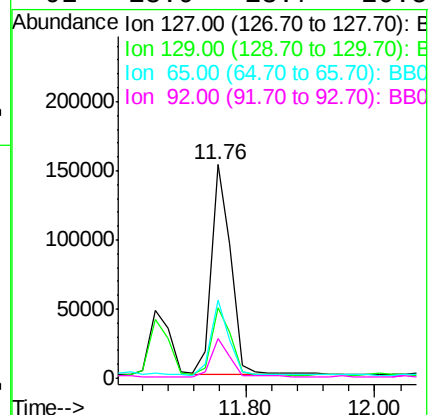
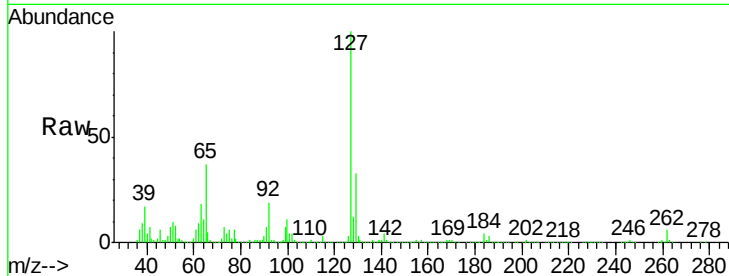
#33  
4-Chloroaniline  
Concen: 10.14 ng  
RT: 11.76 min Scan# 454  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampled :  
SSTDIC010

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.8  | 27.1 | 40.7  |       |
| 65      | 36.7  | 25.4 | 38.0  |       |
| 92      | 18.9  | 13.7 | 20.5  |       |

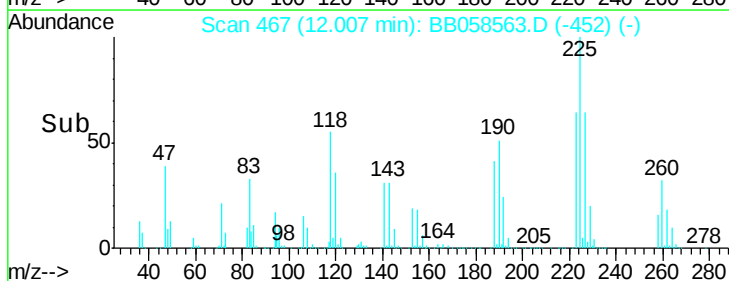
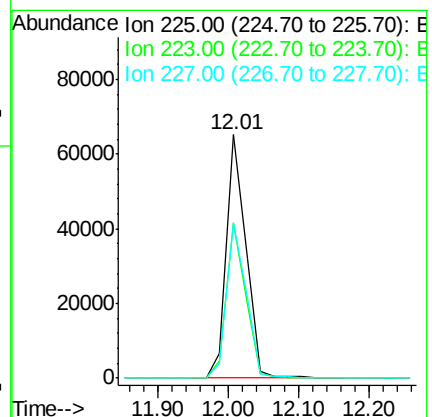
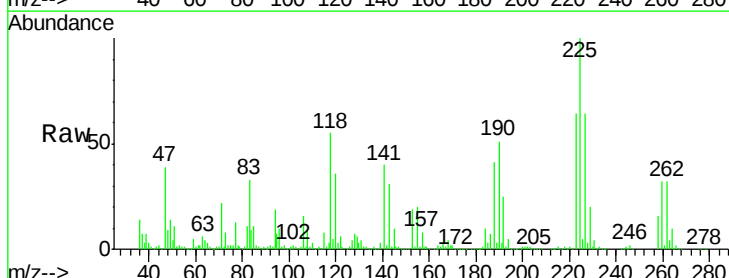
Manual Integrations  
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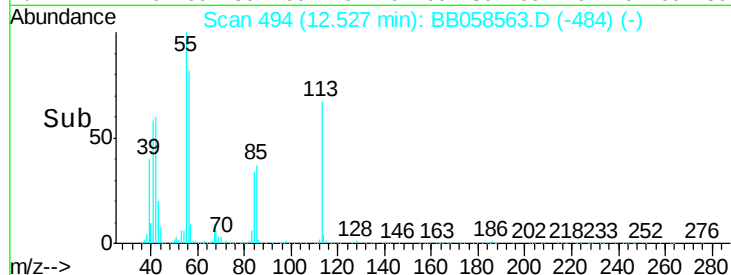
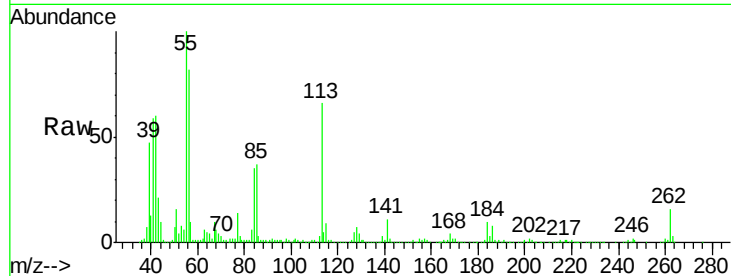
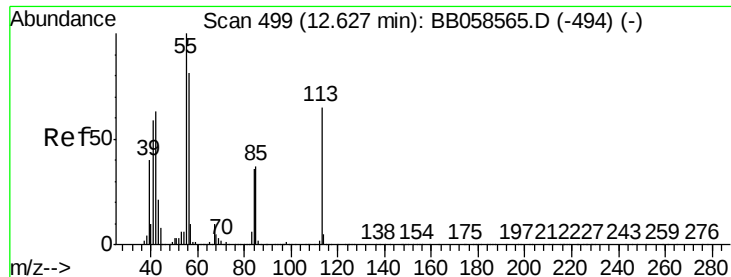
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#34  
Hexachlorobutadiene  
Concen: 10.08 ng  
RT: 12.01 min Scan# 467  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.6  | 50.8 | 76.2  |       |
| 227     | 63.7  | 51.0 | 76.4  |       |





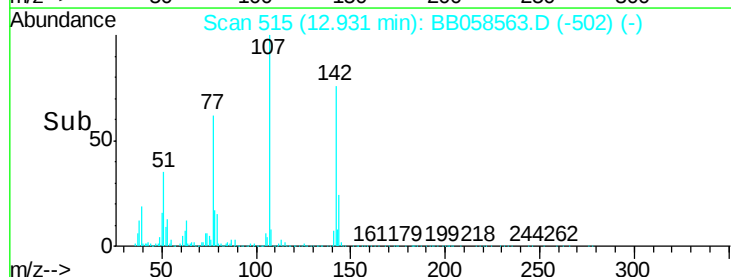
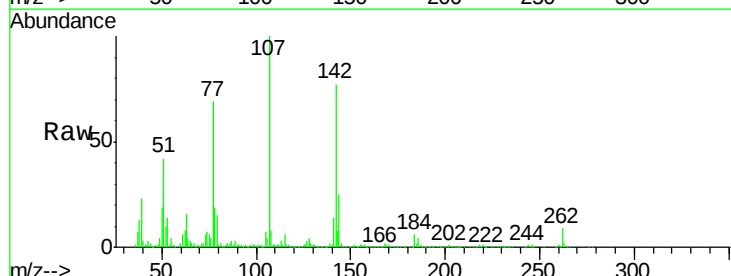
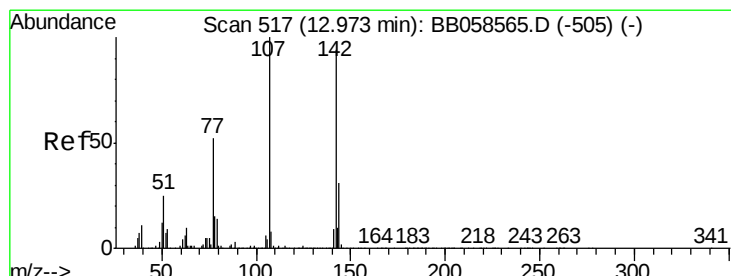
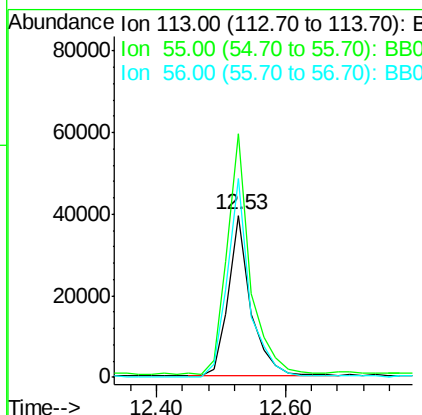
#35  
Caprolactam  
Concen: 10.90 ng  
RT: 12.53 min Scan# 494  
Delta R.T. -0.10 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 113     | 100   | 95173 |        |       |
| 55      | 150.5 | 109.4 | 149.4# |       |
| 56      | 122.8 | 84.1  | 124.1  |       |

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDIC010

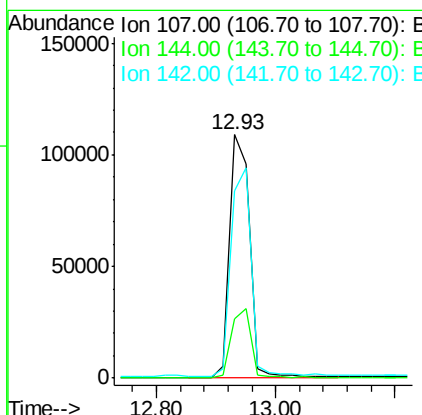
Manual Integrations  
APPROVED

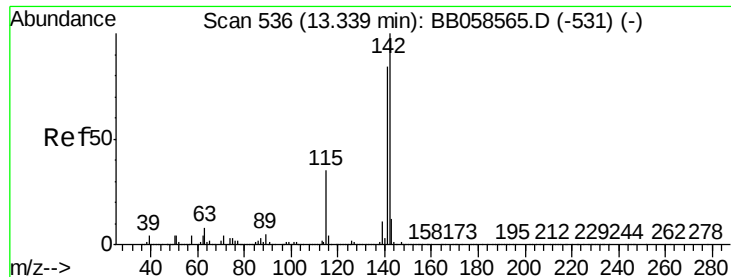
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#36  
4-Chloro-3-methylphenol  
Concen: 10.27 ng  
RT: 12.93 min Scan# 515  
Delta R.T. -0.04 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 254874 |       |       |
| 144     | 24.6  | 23.9   | 35.9  |       |
| 142     | 77.0  | 70.5   | 105.7 |       |





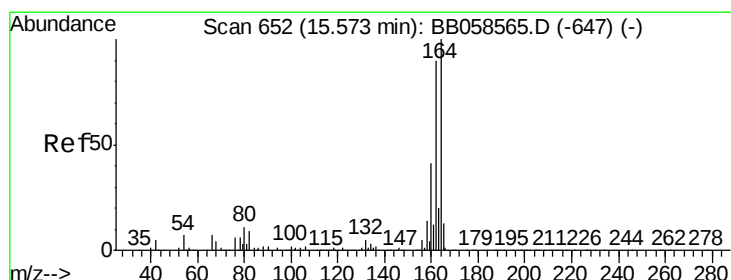
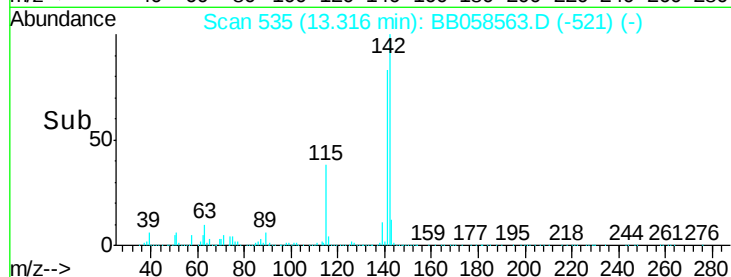
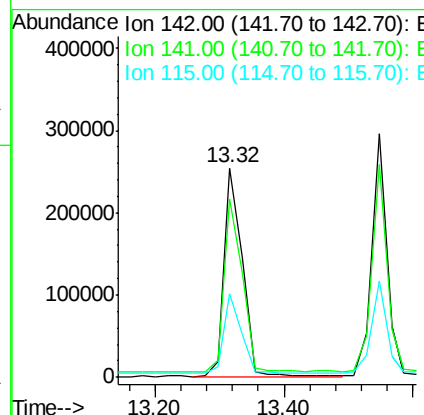
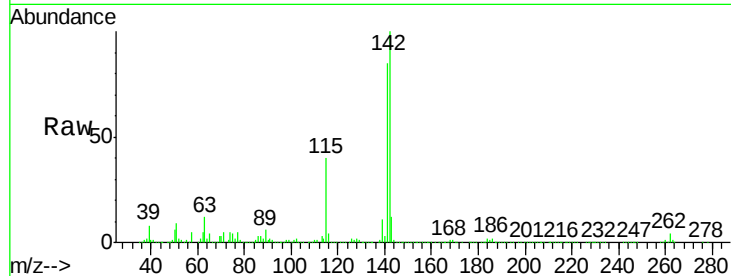
#37  
2-Methylnaphthalene  
Concen: 10.94 ng  
RT: 13.32 min Scan# 535  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 498843 |       |       |
| 141     | 85.1  | 67.5   | 101.3 |       |
| 115     | 40.0  | 28.9   | 43.3  |       |

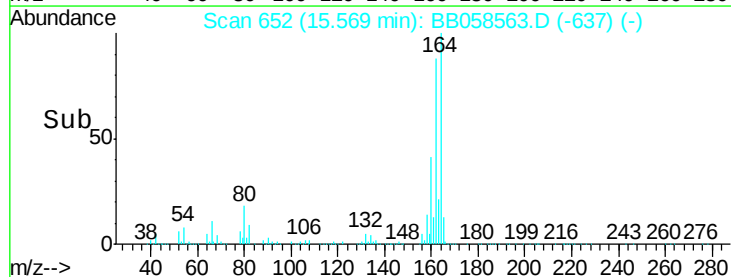
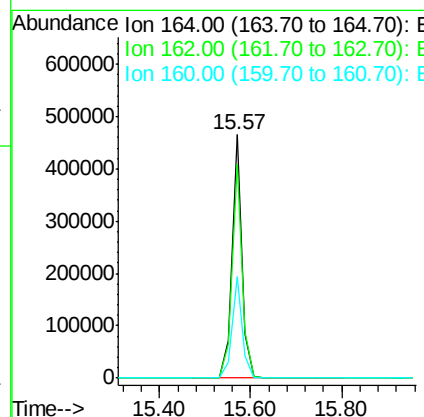
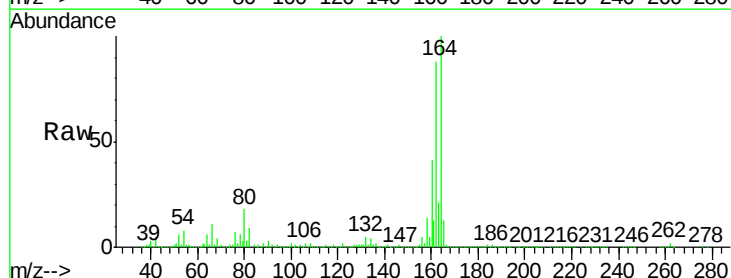
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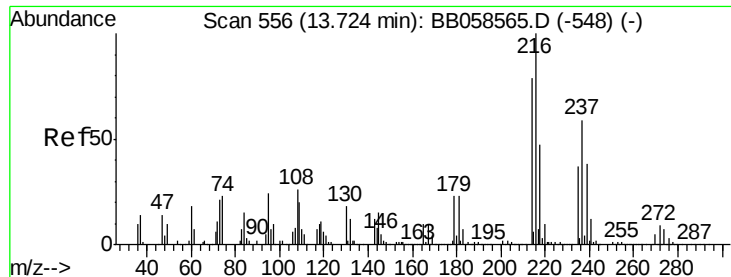
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.57 min Scan# 652  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 731692 |       |       |
| 162     | 88.0  | 71.2   | 106.8 |       |
| 160     | 41.5  | 32.8   | 49.2  |       |





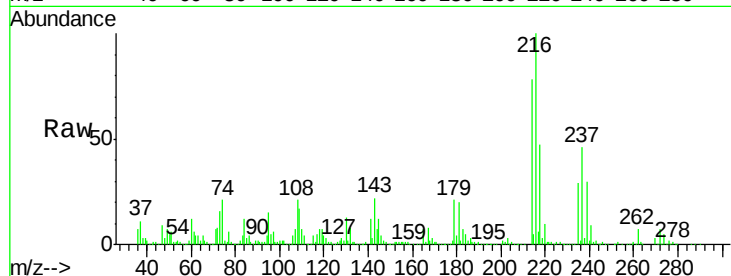
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 12.64 ng  
 RT: 13.72 min Scan# 556  
 Delta R.T. -0.00 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

Instrument :  
 BNA\_B  
 ClientSampleId :  
 SSTDICC010

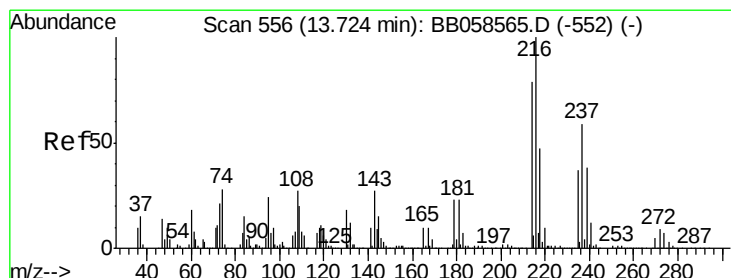
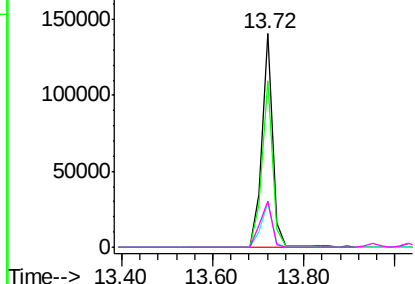
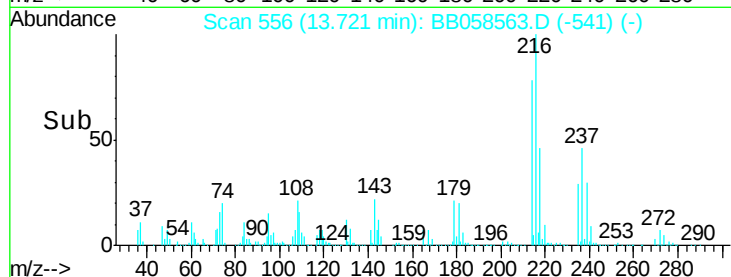
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 225352 |       |       |
| 214     | 78.6  | 63.5   | 95.3  |       |
| 179     | 21.8  | 18.1   | 27.1  |       |
| 108     | 24.0  | 19.7   | 29.5  |       |

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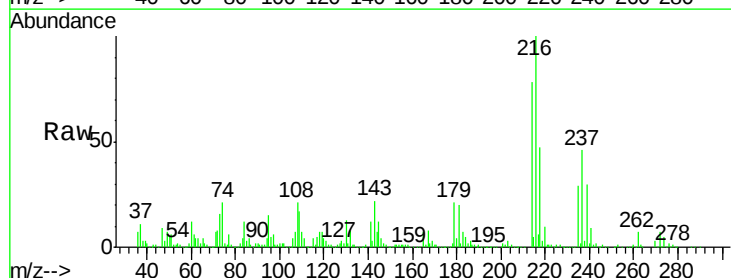


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

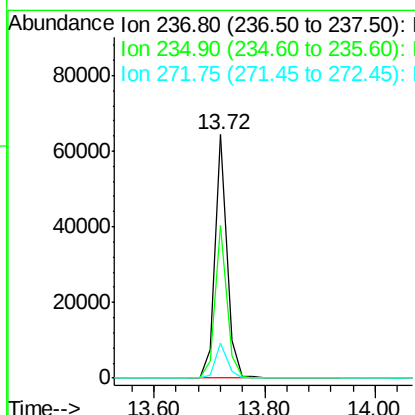
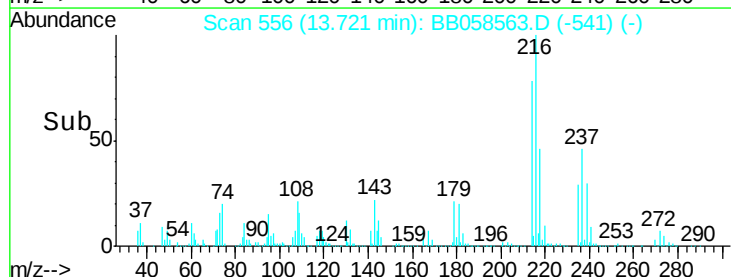


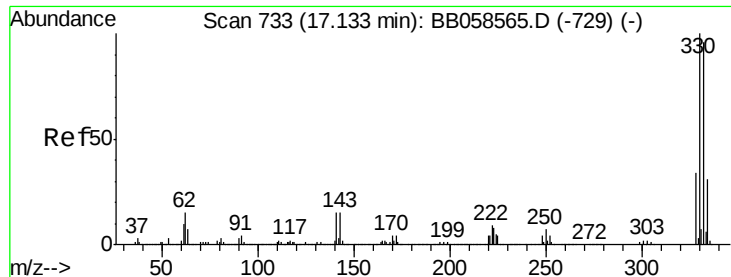
#40  
 Hexachlorocyclopentadiene  
 Concen: 9.94 ng  
 RT: 13.72 min Scan# 556  
 Delta R.T. -0.00 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 96778 |       |       |
| 235     | 62.7  | 43.9  | 83.9  |       |
| 272     | 14.5  | 0.0   | 36.2  |       |



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





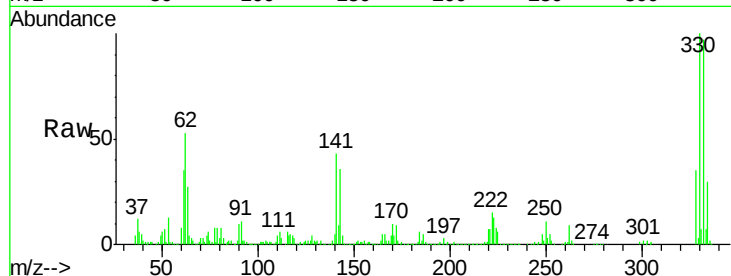
#41  
 2,4,6-Tribromophenol  
 Concen: 21.94 ng  
 RT: 17.11 min Scan# 732  
 Delta R.T. -0.02 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

Instrument :  
 BNA\_B  
 ClientSampleId :  
 SSTDICC010

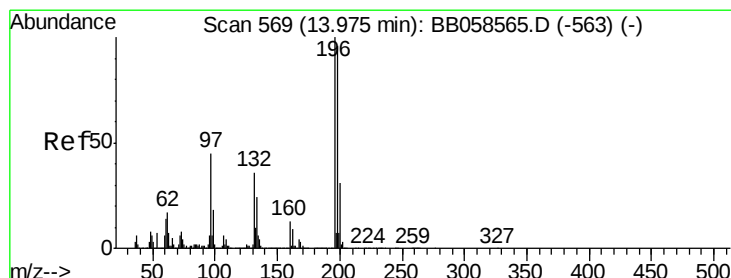
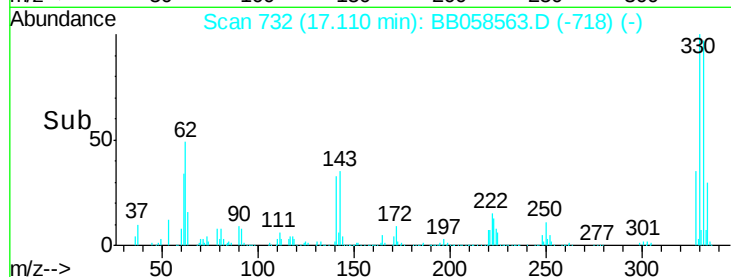
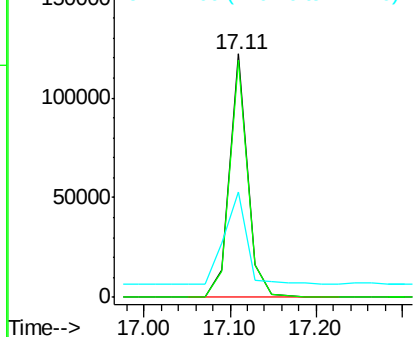
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 179085 |       |       |
| 332     | 98.2  |        | 77.4  | 116.0 |
| 141     | 46.9  |        | 32.5  | 48.7  |

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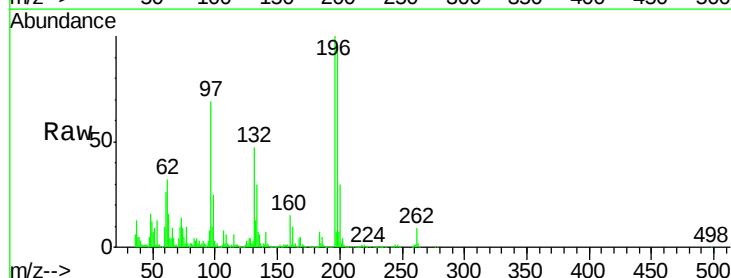


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

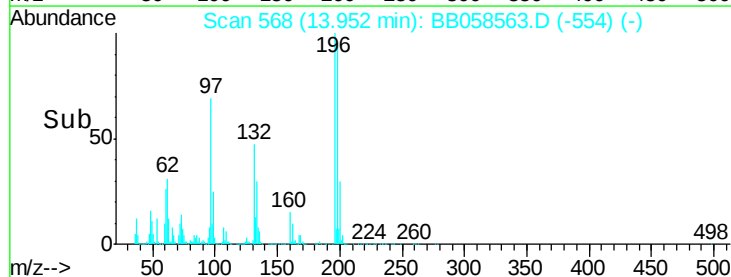
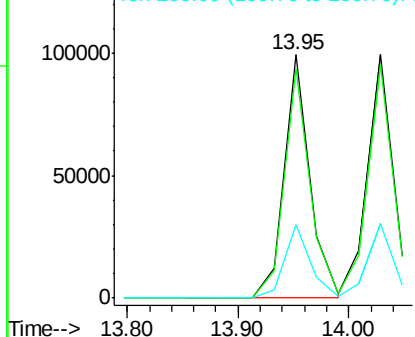


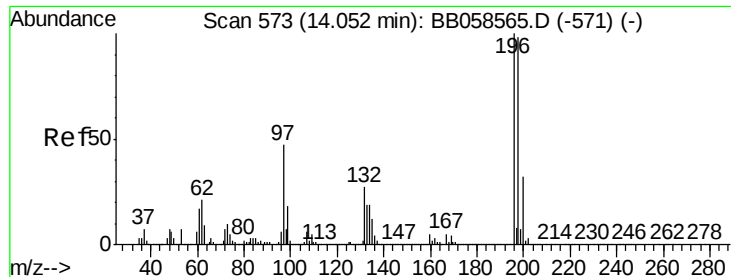
#42  
 2,4,6-Trichlorophenol  
 Concen: 11.16 ng  
 RT: 13.95 min Scan# 568  
 Delta R.T. -0.02 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 159908 |       |       |
| 198     | 94.2  |        | 78.6  | 118.0 |
| 200     | 30.0  |        | 25.9  | 38.9  |



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





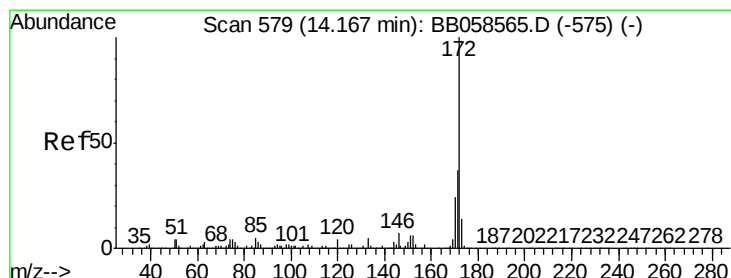
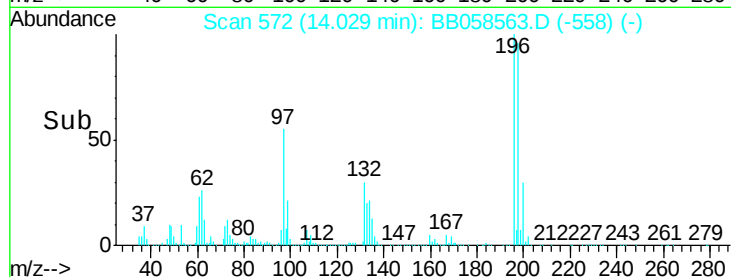
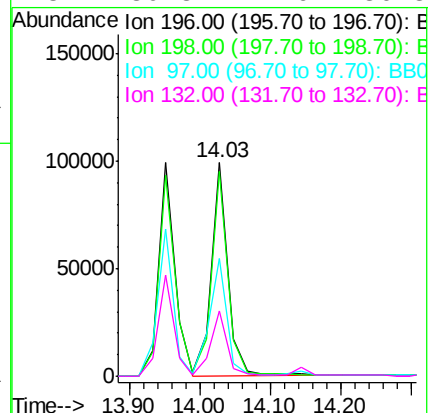
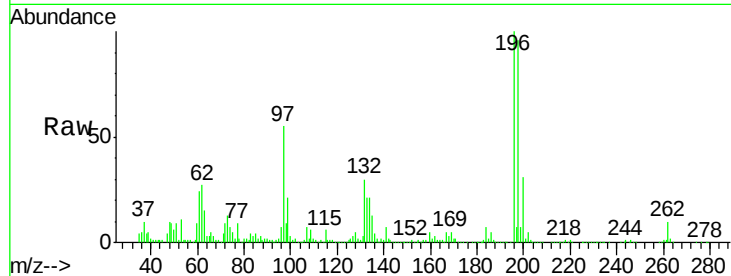
#43  
2,4,5-Trichlorophenol  
Concen: 11.43 ng  
RT: 14.03 min Scan# 572  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 163912 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.8  | 76.0  | 114.0  |
| 97        | 55.5  | 44.6  | 66.8   |
| 132       | 30.3  | 24.6  | 36.8   |

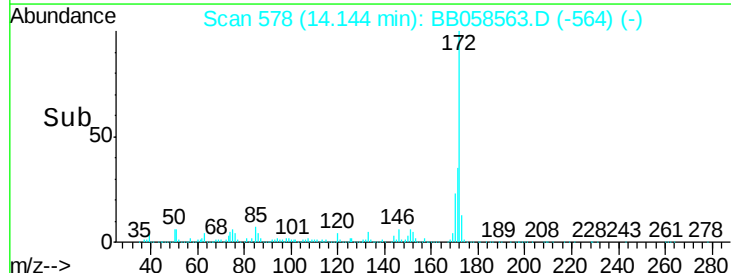
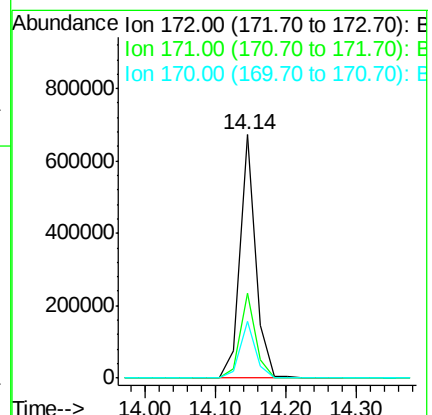
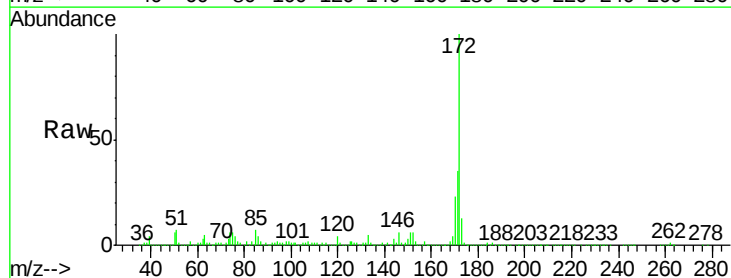
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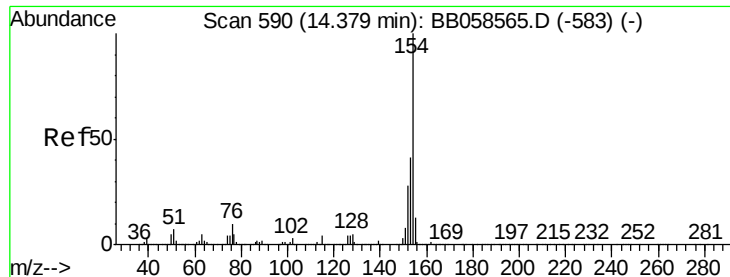
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#44  
2-Fluorobiphenyl  
Concen: 26.76 ng  
RT: 14.14 min Scan# 578  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1054260 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 35.0  | 33.2  | 49.8    |
| 170       | 23.1  | 21.8  | 32.8    |





#45

1,1'-Biphenyl

Concen: 12.26 ng

RT: 14.36 min Scan# 589

Delta R.T. -0.02 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

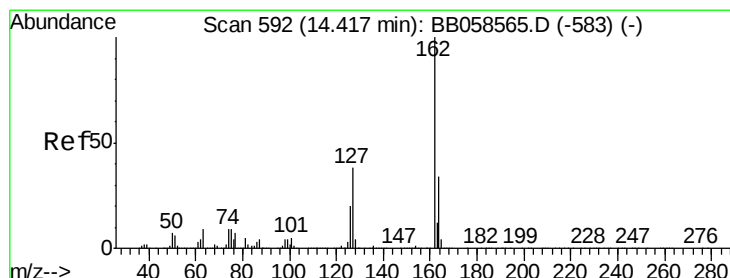
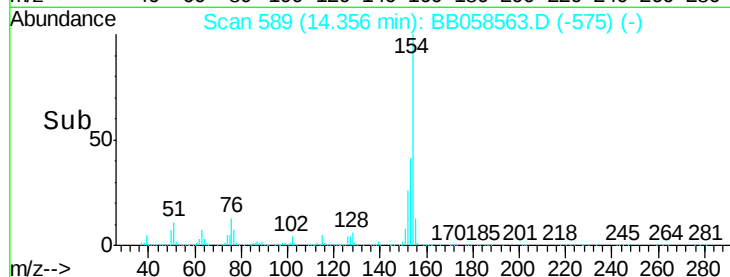
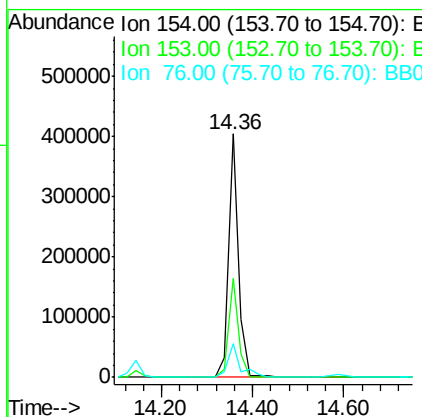
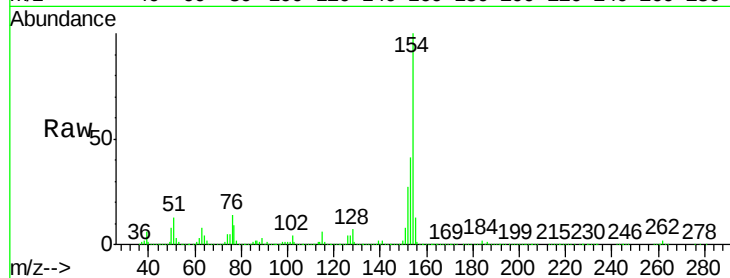
ClientSampleId :

SSTDICC010

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 154  | Resp: | 630587 |
| Ion Ratio |      | Lower | Upper  |
| 154       | 100  |       |        |
| 153       | 40.6 | 25.6  | 65.6   |
| 76        | 13.8 | 0.0   | 31.4   |

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#46

2-Chloronaphthalene

Concen: 12.20 ng

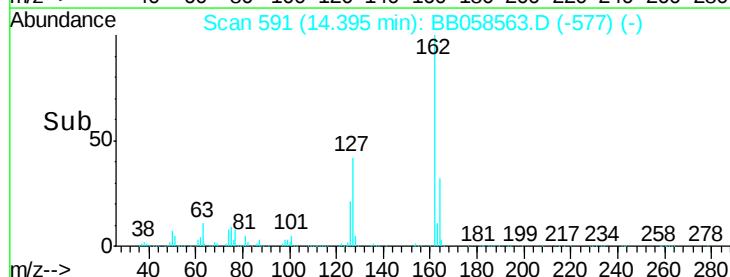
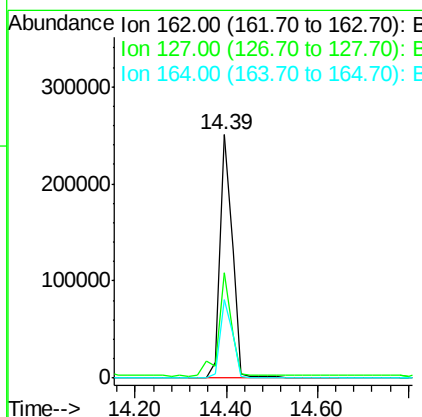
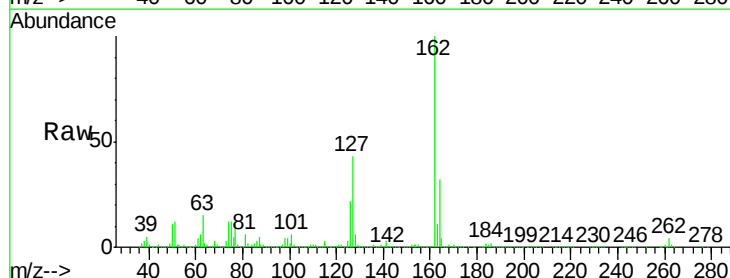
RT: 14.39 min Scan# 591

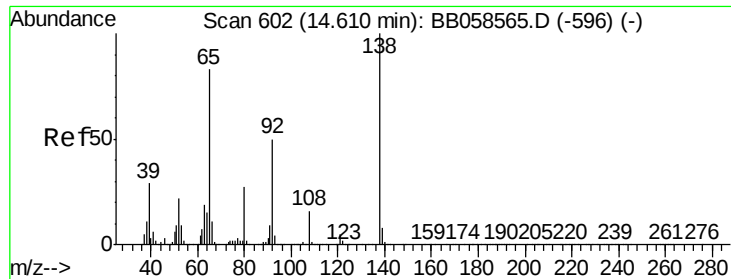
Delta R.T. -0.02 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 162  | Resp: | 475713 |
| Ion Ratio |      | Lower | Upper  |
| 162       | 100  |       |        |
| 127       | 43.2 | 32.7  | 49.1   |
| 164       | 32.1 | 28.1  | 42.1   |





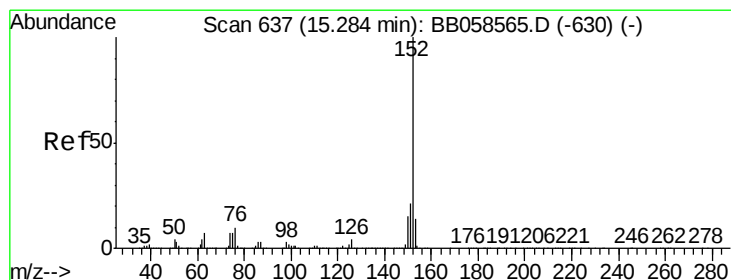
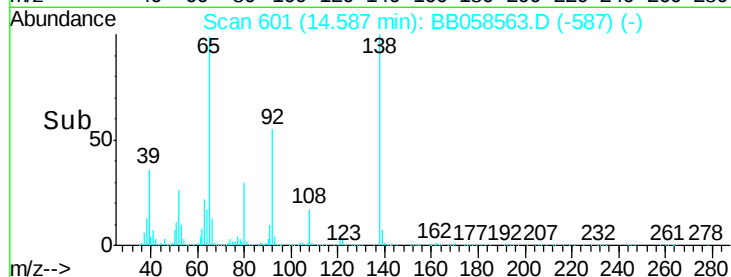
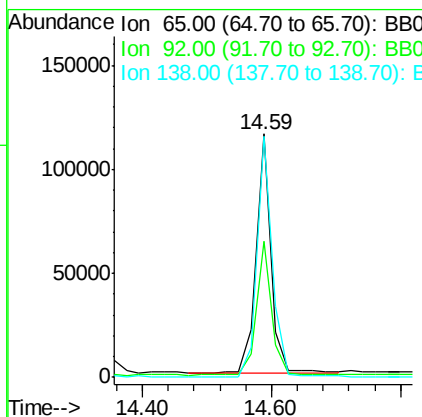
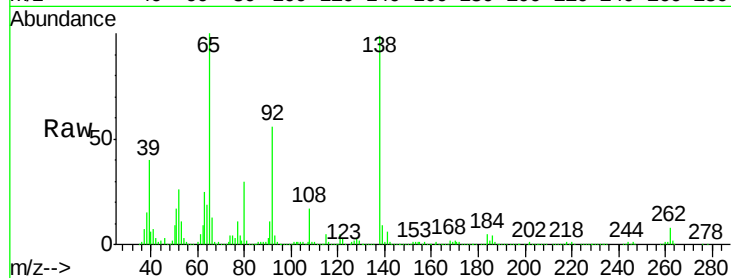
#47  
2-Nitroaniline  
Concen: 12.32 ng  
RT: 14.59 min Scan# 601  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 186720 |       |       |
| 92      | 55.8  | 47.4   | 71.2  |       |
| 138     | 98.9  | 93.2   | 139.8 |       |

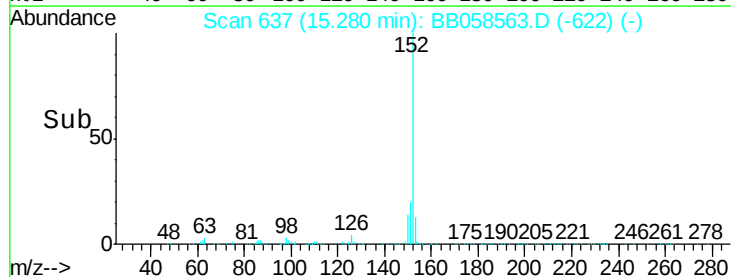
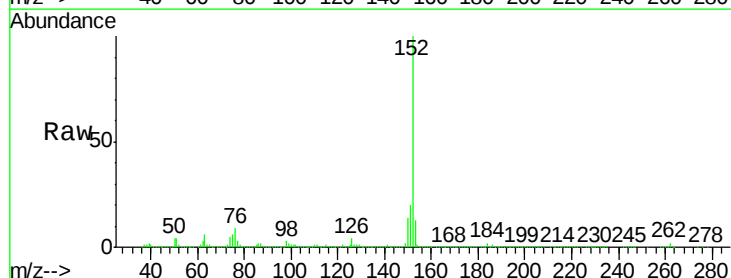
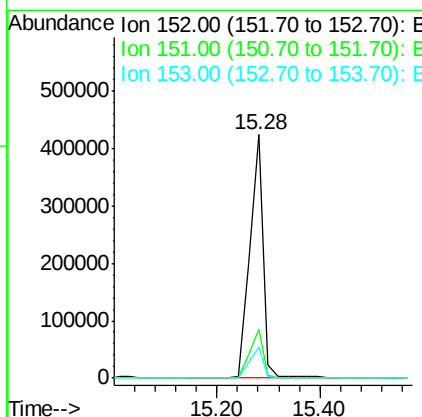
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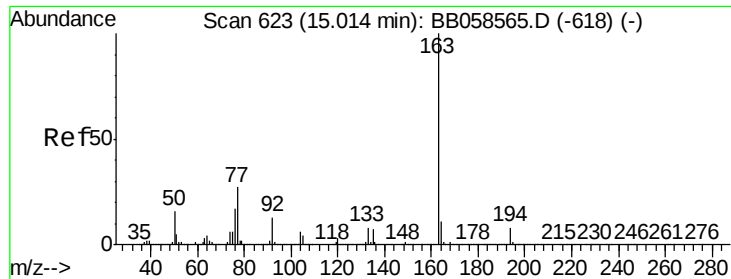
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#48  
Acenaphthylene  
Concen: 12.54 ng  
RT: 15.28 min Scan# 637  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 762940 |       |       |
| 151     | 20.4  | 18.3   | 27.5  |       |
| 153     | 13.0  | 12.7   | 19.1  |       |





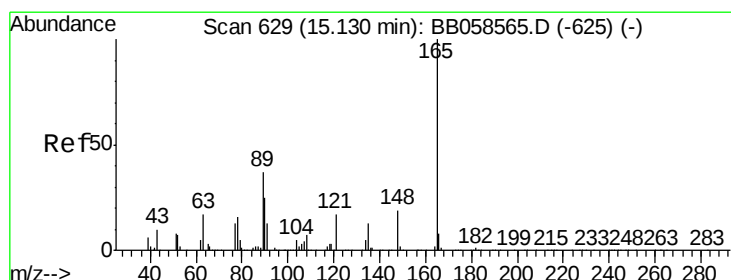
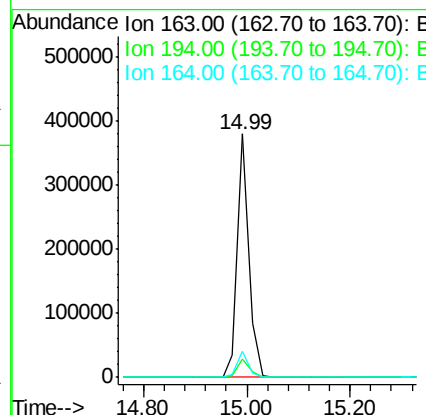
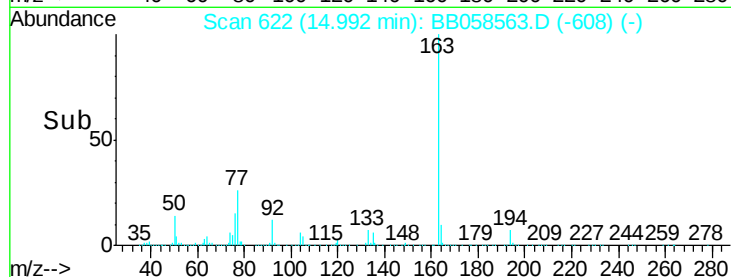
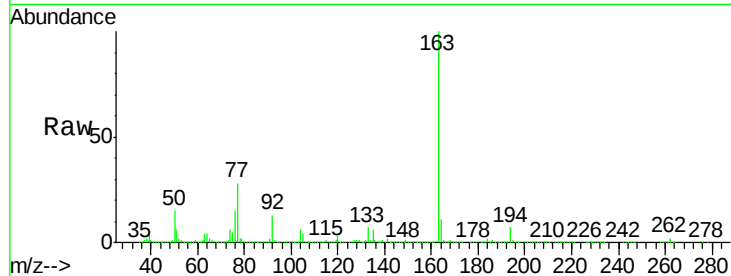
#49  
Dimethylphthalate  
Concen: 12.04 ng  
RT: 14.99 min Scan# 622  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleID :  
SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 581880 |       |       |
| 194     | 7.3   |        | 7.5   | 11.3# |
| 164     | 10.5  |        | 8.4   | 12.6  |

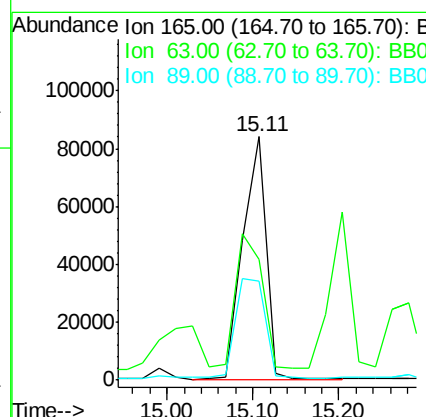
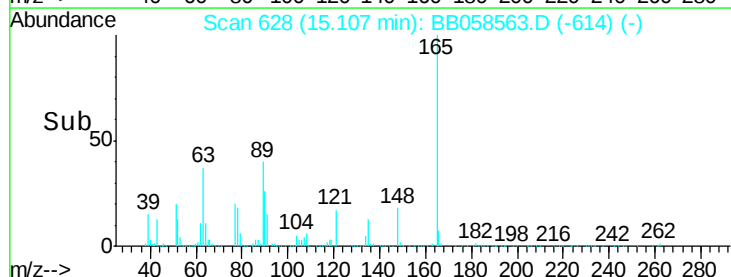
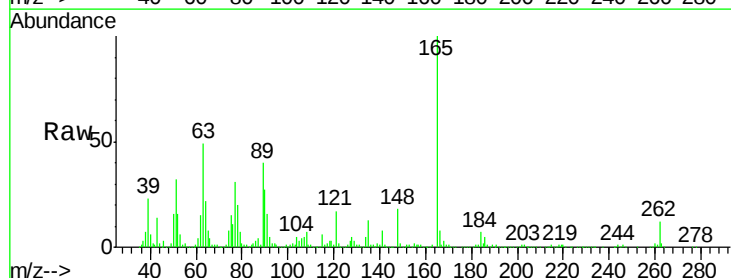
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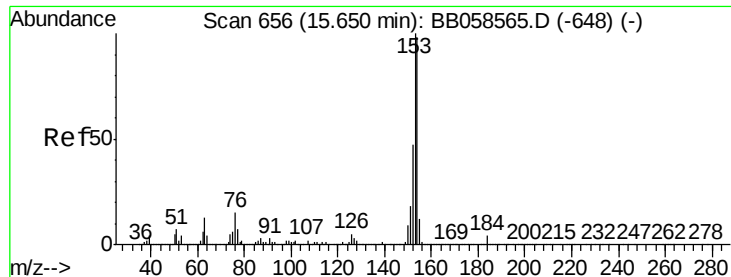
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#50  
2,6-Dinitrotoluene  
Concen: 11.27 ng  
RT: 15.11 min Scan# 628  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 156662 |       |       |
| 63      | 49.4  |        | 42.7  | 64.1  |
| 89      | 40.5  |        | 36.7  | 55.1  |





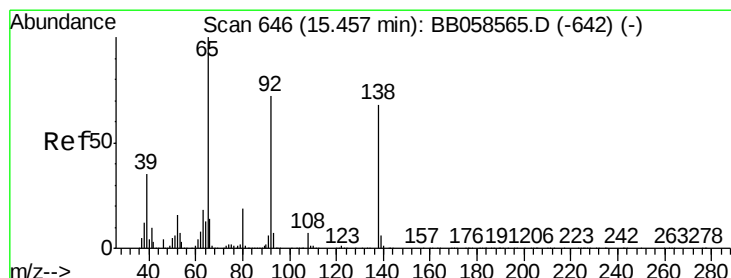
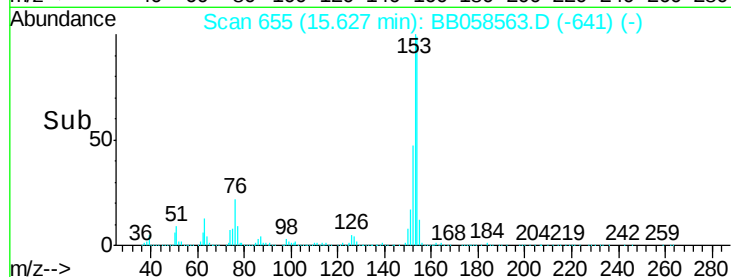
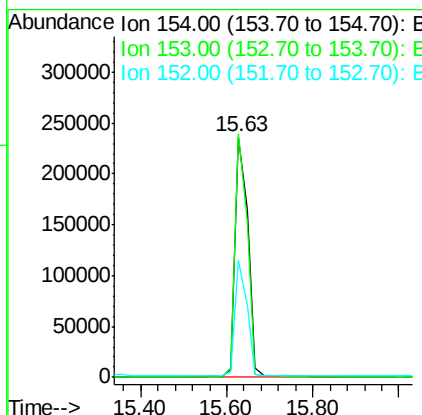
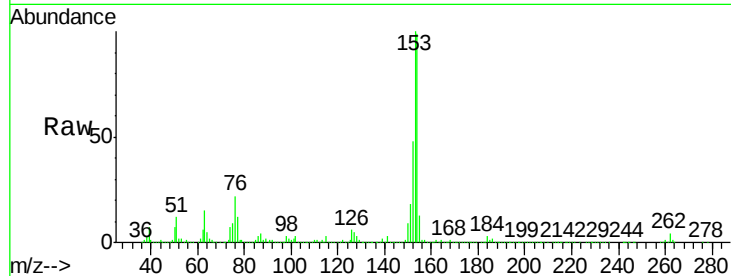
#51  
Acenaphthene  
Concen: 12.14 ng  
RT: 15.63 min Scan# 655  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 495150 |       |       |
| 153     | 101.3 | 81.6   | 122.4 |       |
| 152     | 48.7  | 41.5   | 62.3  |       |

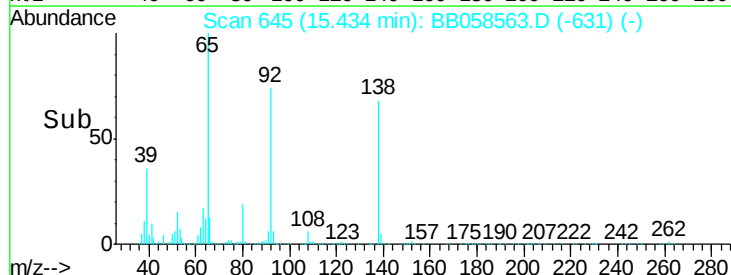
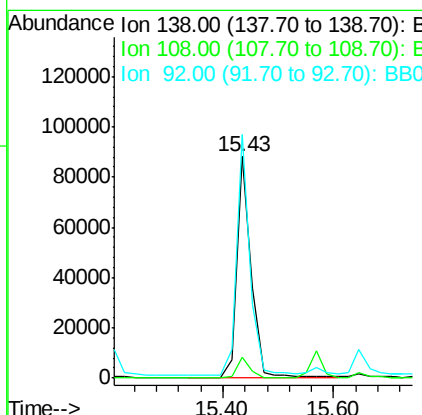
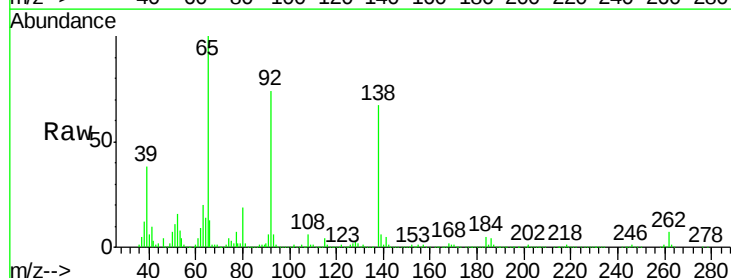
Manual Integrations  
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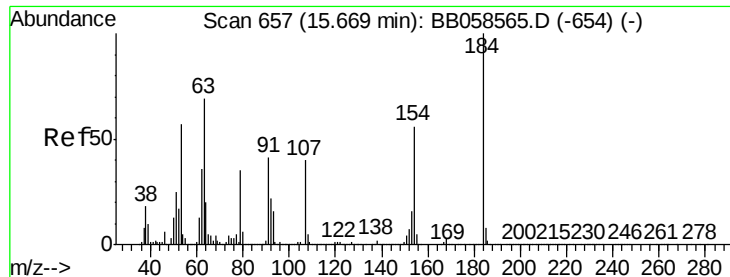
sohil  
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#52  
3-Nitroaniline  
Concen: 10.90 ng  
RT: 15.43 min Scan# 645  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 158689 |       |       |
| 108     | 9.6   | 7.3    | 10.9  |       |
| 92      | 109.9 | 74.6   | 112.0 |       |





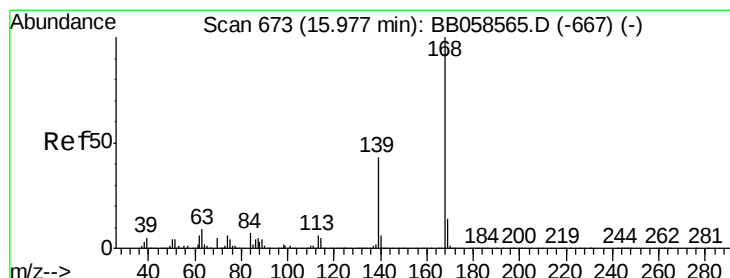
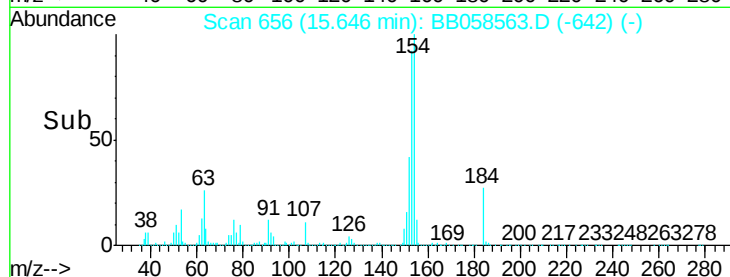
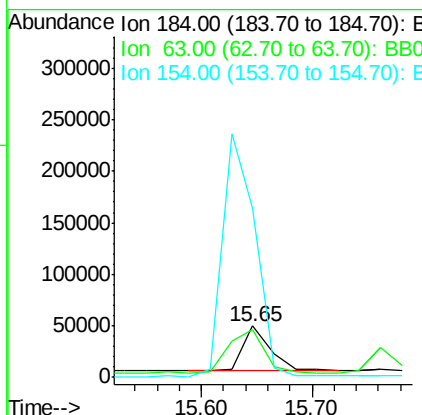
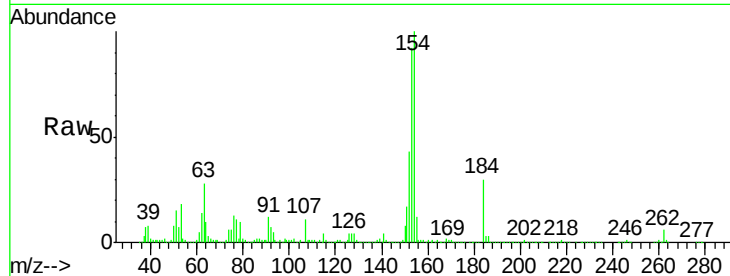
#53  
2,4-Dinitrophenol  
Concen: 7.90 ng  
RT: 15.65 min Scan# 656  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 92.7  | 30.7 | 46.1# |       |
| 154     | 329.9 | 29.4 | 44.0# |       |

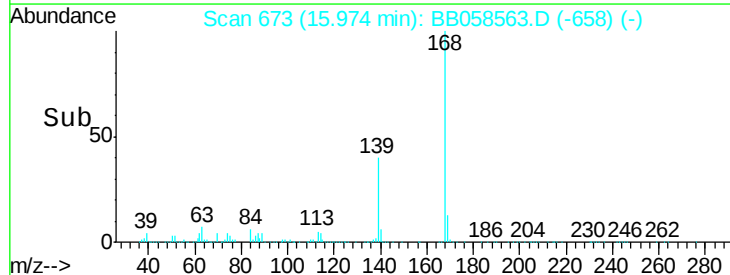
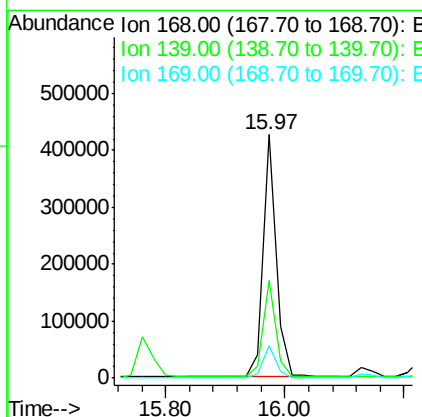
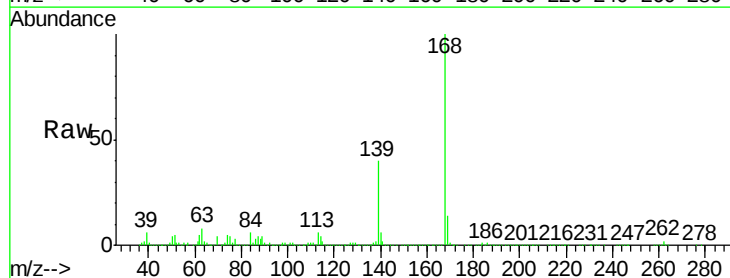
Manual Integrations  
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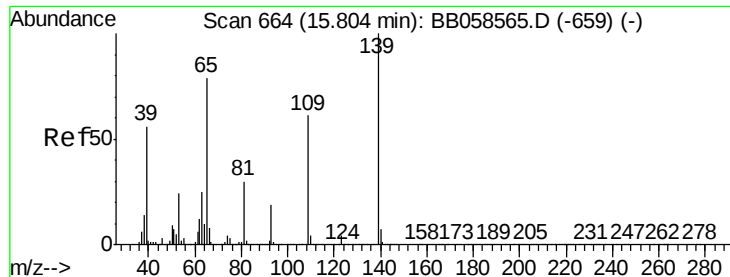
sohil  
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#54  
Dibenzofuran  
Concen: 12.66 ng  
RT: 15.97 min Scan# 673  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 40.1  | 32.0 | 48.0  |       |
| 169     | 13.5  | 12.1 | 18.1  |       |





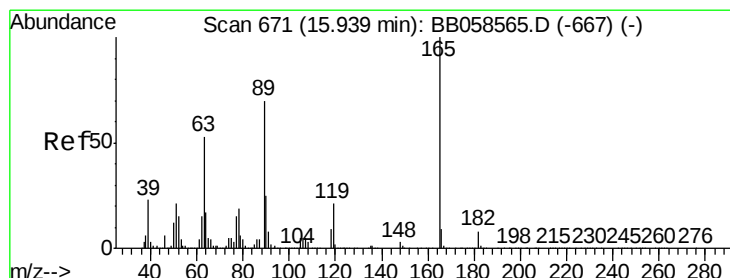
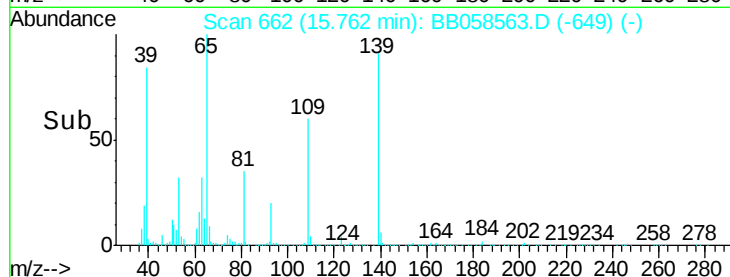
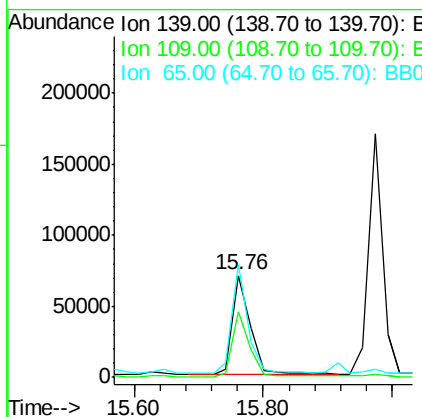
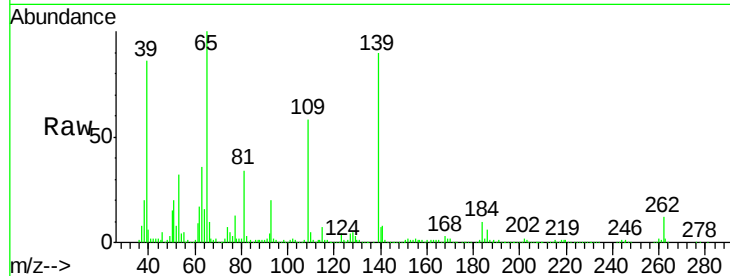
#55  
4-Nitrophenol  
Concen: 10.66 ng  
RT: 15.76 min Scan# 662  
Delta R.T. -0.04 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 134102 |       |       |
| 109     | 64.7  | 45.4   | 85.4  |       |
| 65      | 111.0 | 79.8   | 119.8 |       |

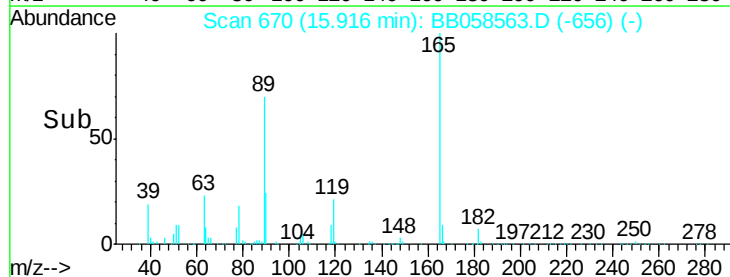
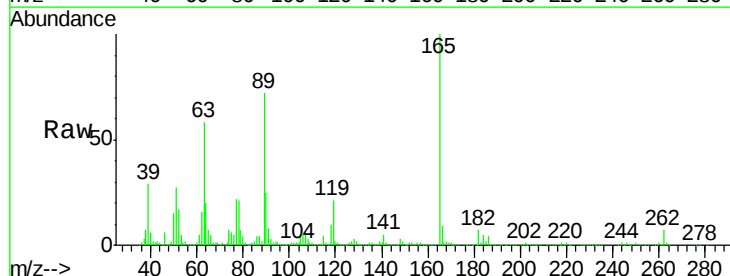
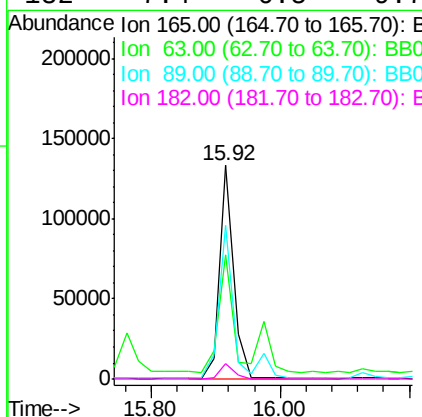
Manual Integrations  
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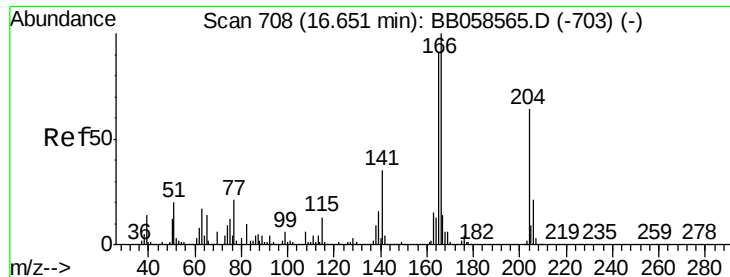
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#56  
2,4-Dinitrotoluene  
Concen: 11.12 ng  
RT: 15.92 min Scan# 670  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 202466 |       |       |
| 63      | 57.9  | 28.5   | 42.7# |       |
| 89      | 71.6  | 39.7   | 59.5# |       |
| 182     | 7.4   | 6.5    | 9.7   |       |





#57

Fluorene

Concen: 13.48 ng

RT: 16.65 min Scan# 708

Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

ClientSampleId :

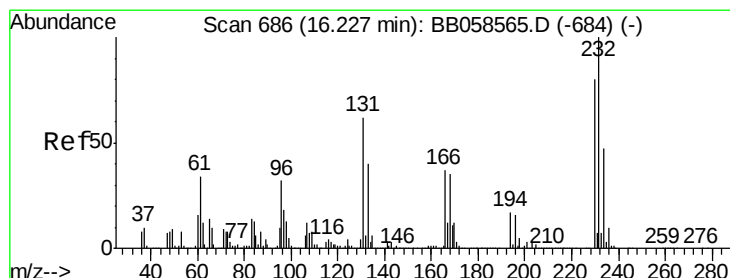
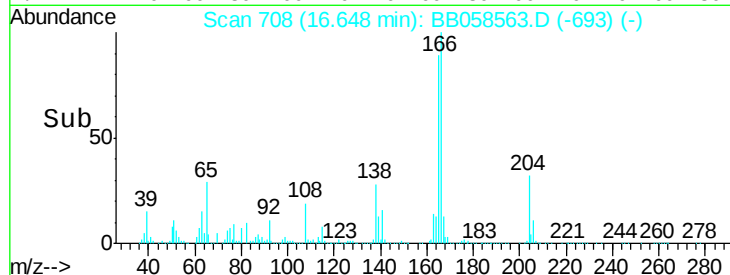
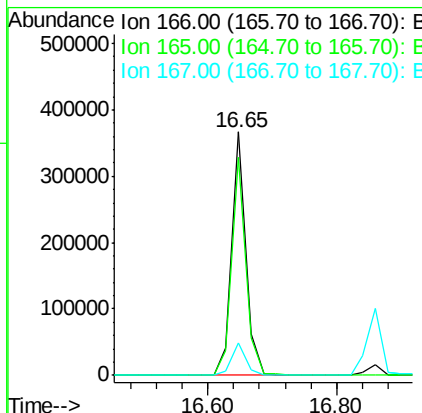
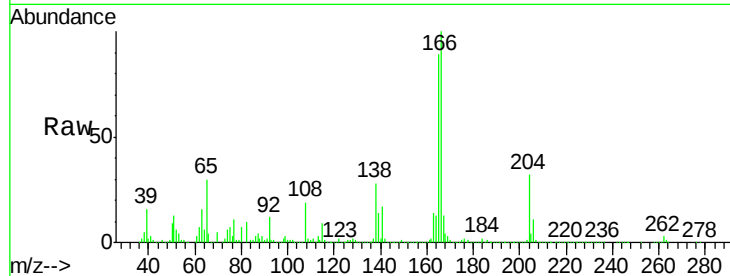
SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 551249 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 89.3  | 73.2  | 109.8  |
| 167       | 13.1  | 11.4  | 17.0   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 11.21 ng

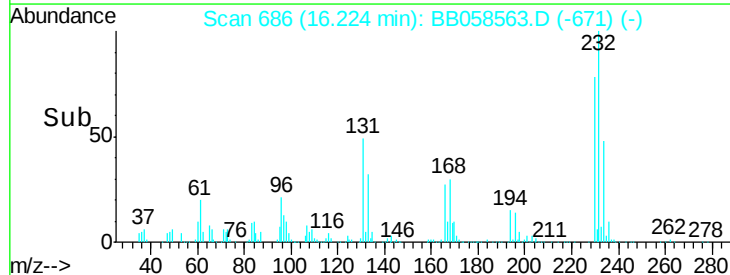
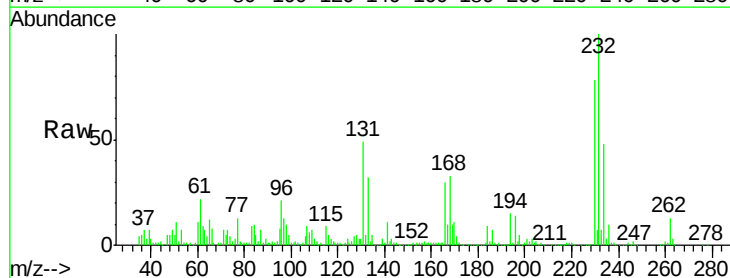
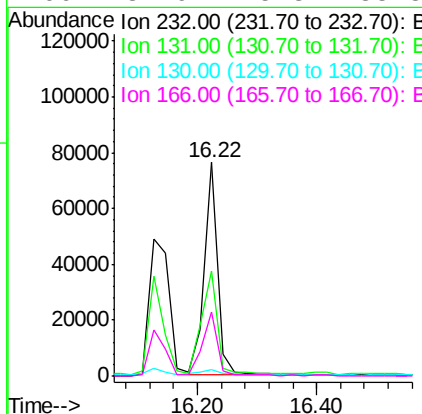
RT: 16.22 min Scan# 686

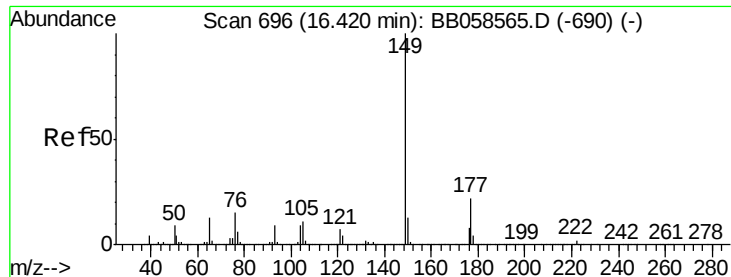
Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 120001 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 56.6  | 43.7  | 65.5   |
| 130       | 3.8   | 2.6   | 4.0    |
| 166       | 32.9  | 25.8  | 38.8   |





#59

Diethylphthalate

Concen: 12.57 ng

RT: 16.40 min Scan# 695

Delta R.T. -0.02 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

ClientSampleId :

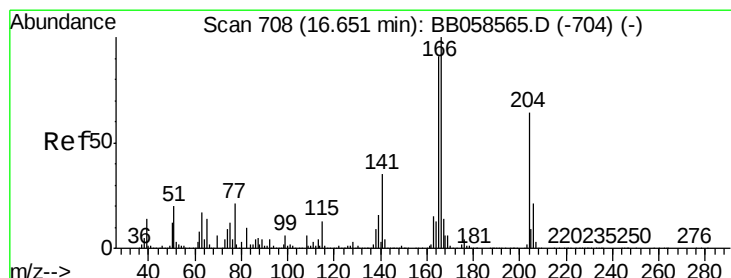
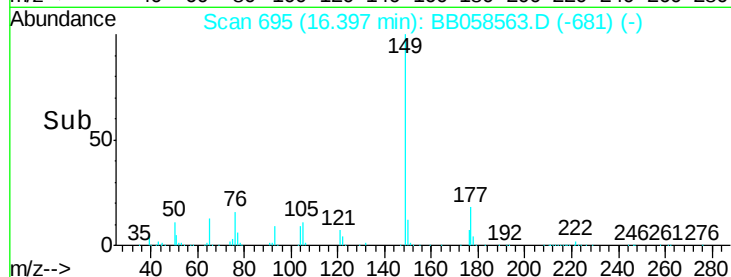
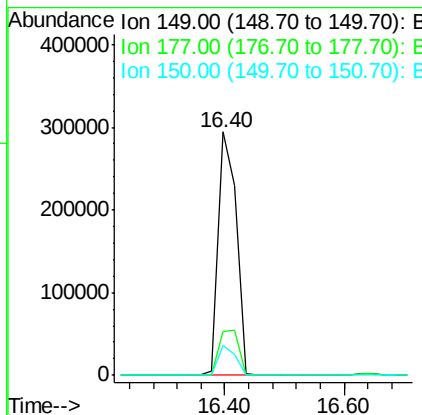
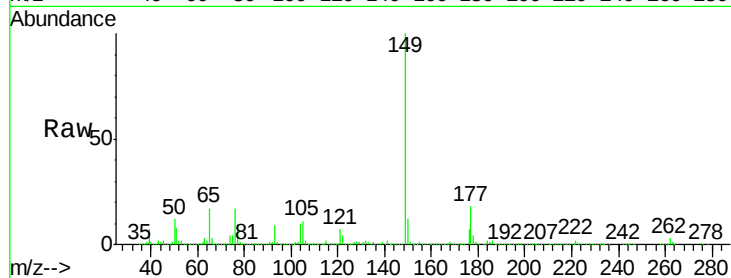
SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 617993 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 18.0  | 21.5  | 32.3#  |
| 150       | 12.0  | 10.0  | 15.0   |

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#60

4-Chlorophenyl-phenylether

Concen: 12.20 ng

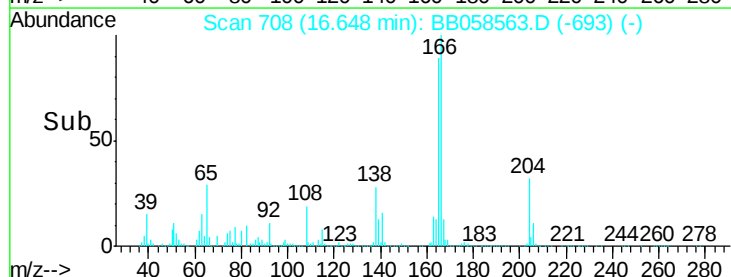
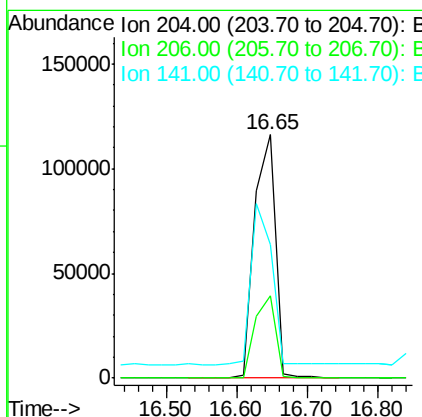
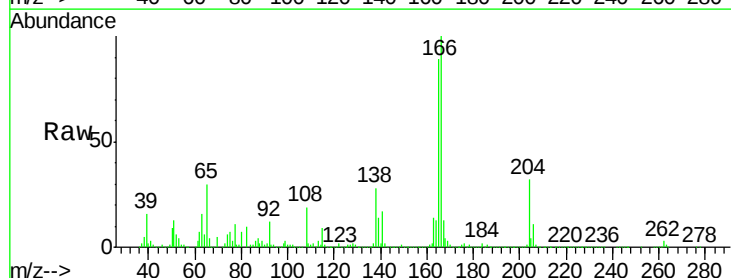
RT: 16.65 min Scan# 708

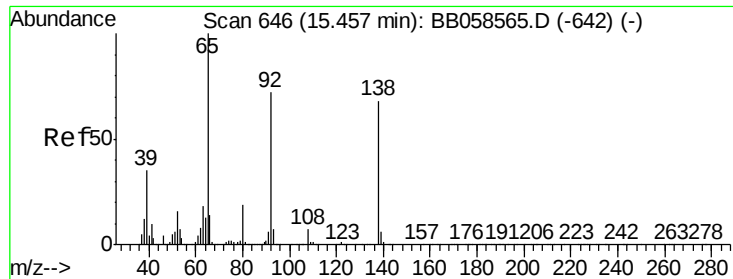
Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 242276 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.9  | 27.8  | 41.6   |
| 141       | 55.1  | 53.2  | 79.8   |





#61

4-Nitroaniline

Concen: 10.90 ng

RT: 15.43 min Scan# 645

Delta R.T. -0.02 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

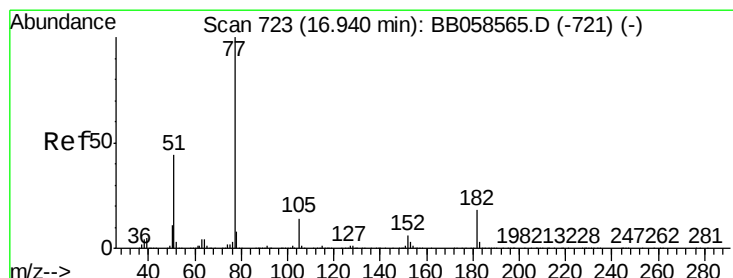
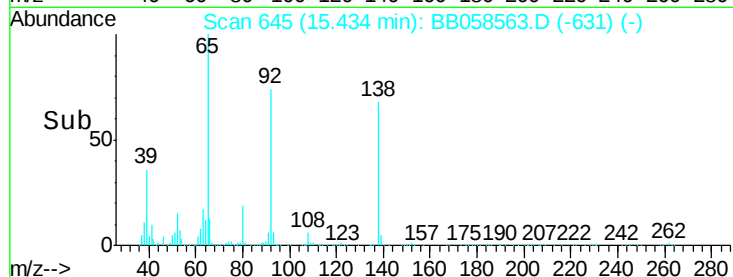
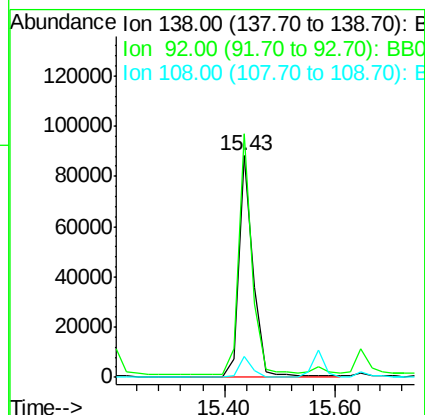
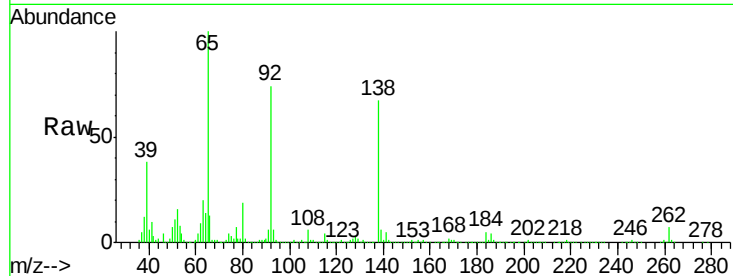
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 158689 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 109.9 | 73.3  | 113.3  |
| 108       | 9.6   | 0.0   | 29.1   |

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#62

Azobenzene

Concen: 13.00 ng

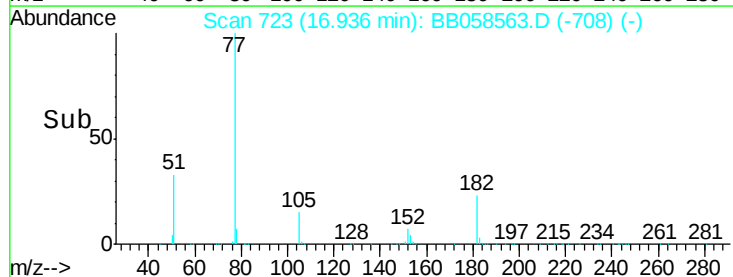
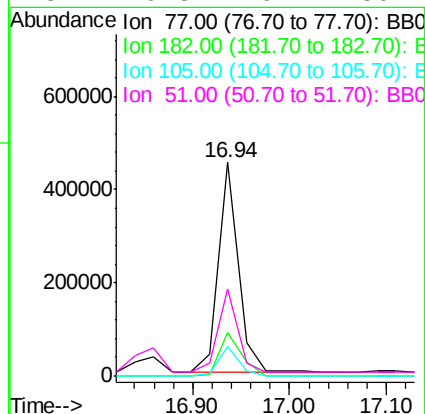
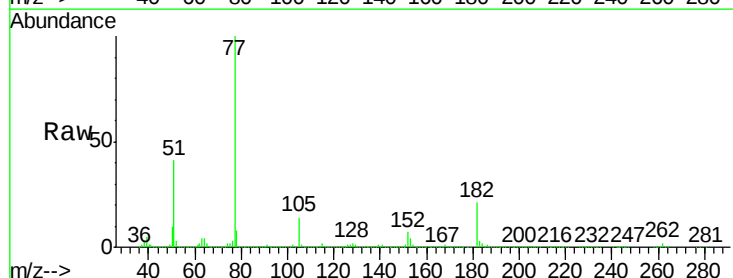
RT: 16.94 min Scan# 723

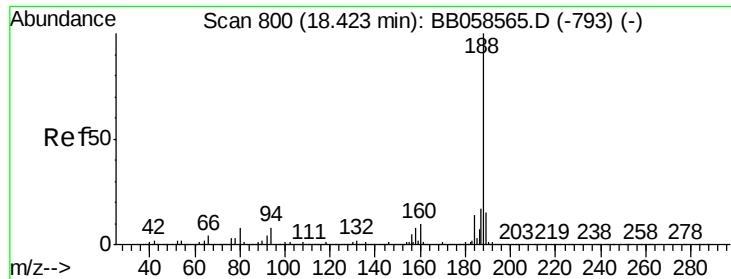
Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 645209 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 20.5  | 20.8  | 60.8#  |
| 105       | 13.6  | 0.0   | 38.2   |
| 51        | 40.8  | 19.1  | 59.1   |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.42 min Scan# 800

Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

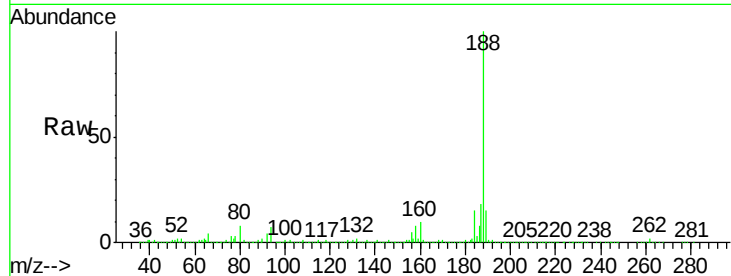
ClientSampleId :

SSTDIC010

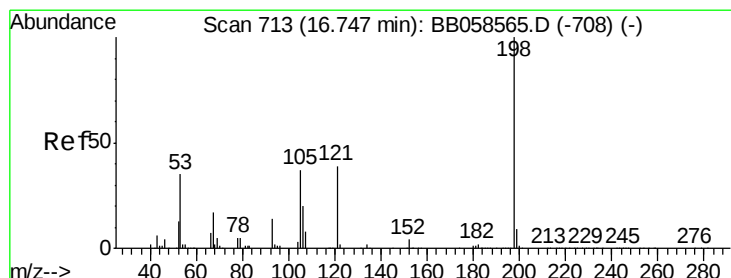
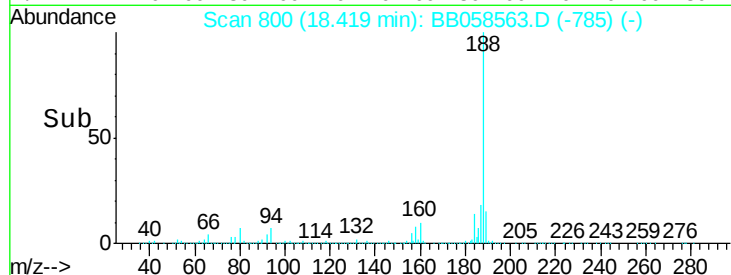
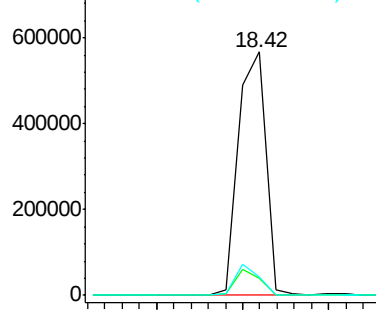
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 188   | Resp: | 1256917 |
| Ion Ratio | Lower | Upper |         |
| 188       | 100   |       |         |
| 94        | 6.9   | 6.2   | 9.4     |
| 80        | 7.5   | 6.9   | 10.3    |

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 8.71 ng

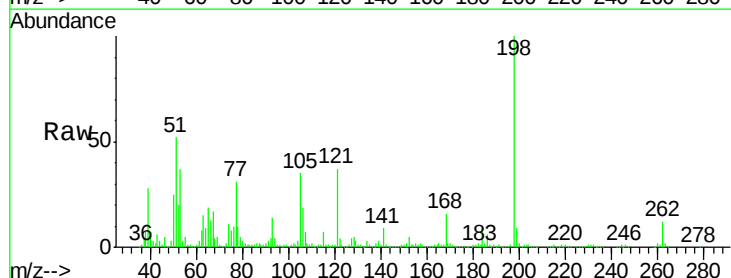
RT: 16.72 min Scan# 712

Delta R.T. -0.02 min

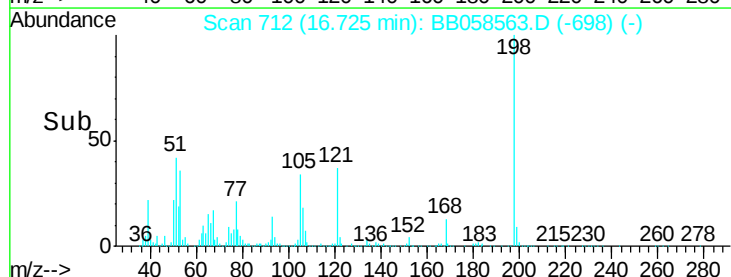
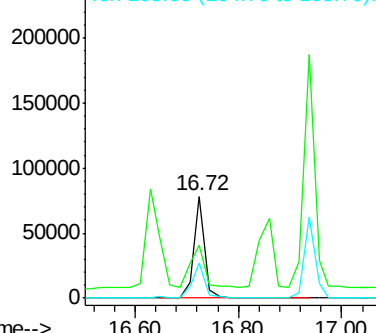
Lab File: BB058563.D

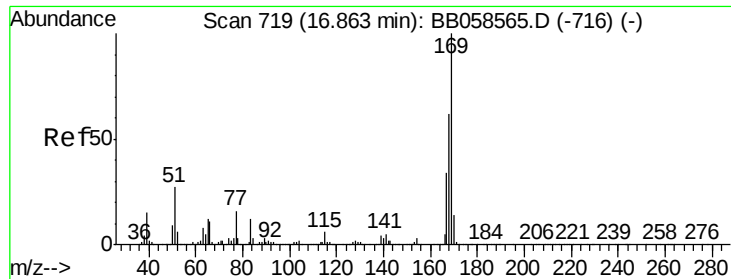
Acq: 29 Sep 2016 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 115132 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 52.3  | 11.9  | 51.9#  |
| 105       | 34.7  | 6.6   | 46.6   |



Abundance Ion 198.00 (197.70 to 198.70): E





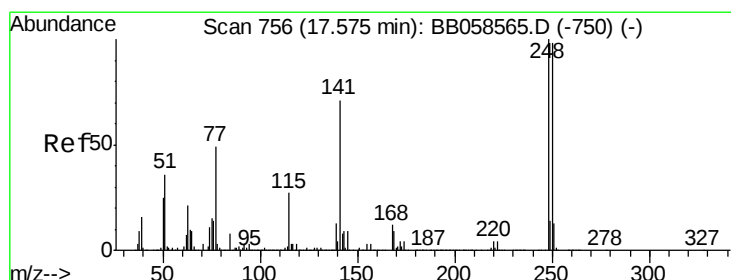
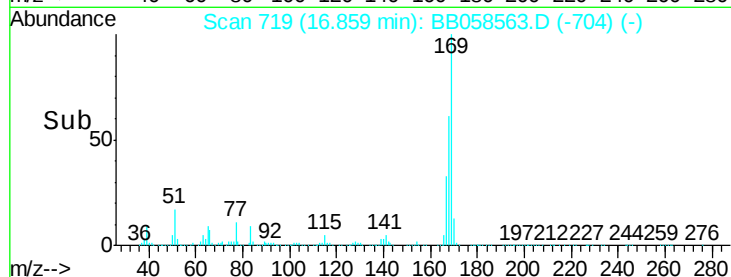
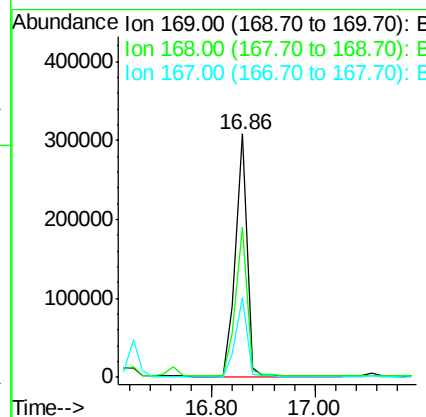
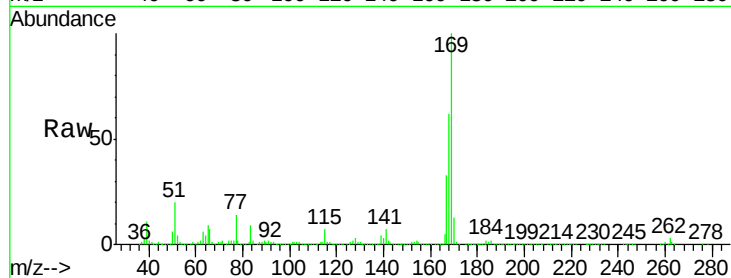
#65  
 n-Nitrosodiphenylamine  
 Concen: 11.29 ng  
 RT: 16.86 min Scan# 719  
 Delta R.T. -0.00 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

Instrument :  
 BNA\_B  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 476700 |       |       |
| 168     | 61.7  |        | 51.4  | 77.2  |
| 167     | 32.8  |        | 27.6  | 41.4  |

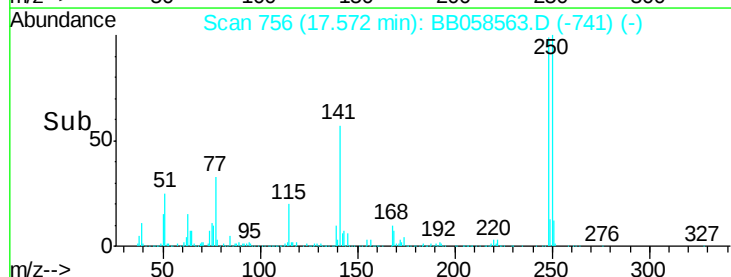
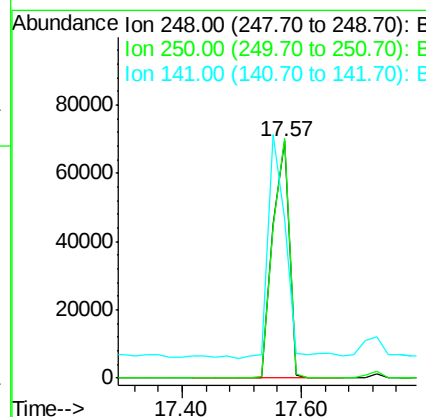
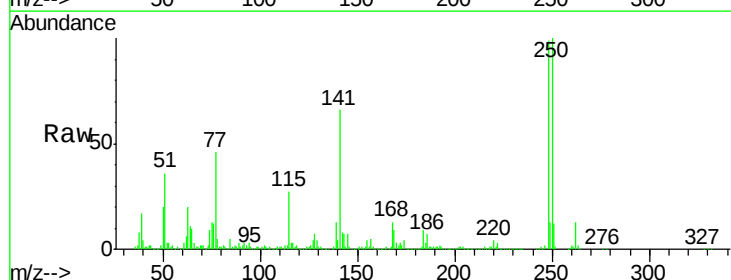
Manual Integrations  
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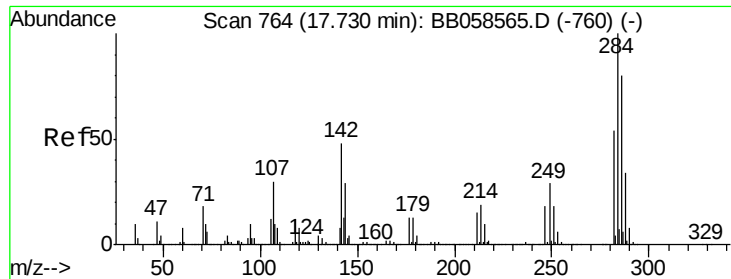
sohil  
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#66  
 4-Bromophenyl-phenylether  
 Concen: 9.93 ng  
 RT: 17.57 min Scan# 756  
 Delta R.T. -0.00 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 134993 |       |       |
| 250     | 101.2 |        | 78.8  | 118.2 |
| 141     | 67.0  |        | 68.2  | 102.4 |





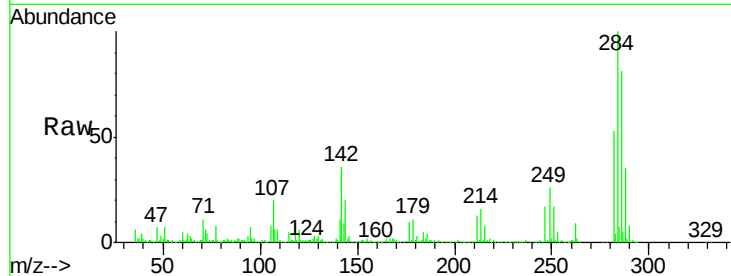
#67  
Hexachlorobenzene  
Concen: 10.22 ng  
RT: 17.73 min Scan# 764  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampled :  
SSTDIC010

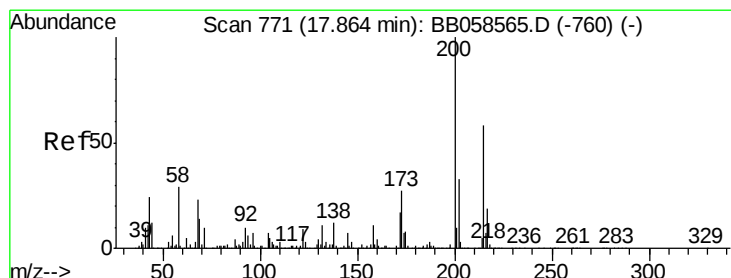
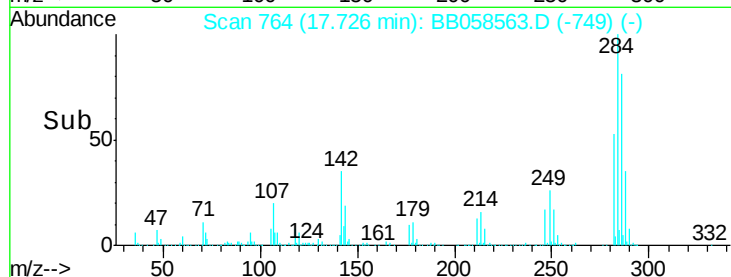
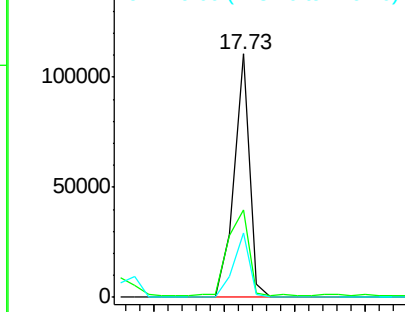
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 169254 |       |       |
| 142     | 35.9  | 40.6   | 61.0  | #     |
| 249     | 28.3  | 24.8   | 37.2  |       |

Manual Integrations  
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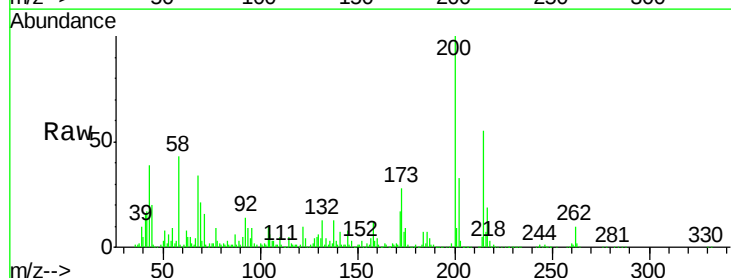


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

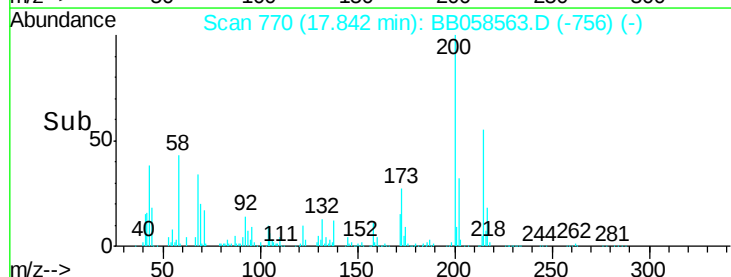
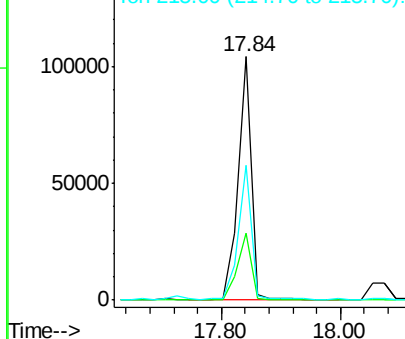


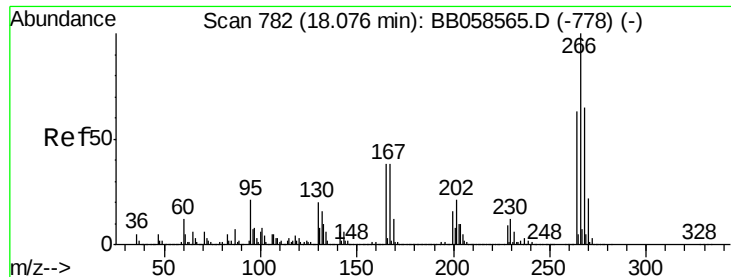
#68  
Atrazine  
Concen: 11.61 ng  
RT: 17.84 min Scan# 770  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 156921 |       |       |
| 173     | 27.7  | 10.4   | 50.4  |       |
| 215     | 55.3  | 35.7   | 75.7  |       |



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





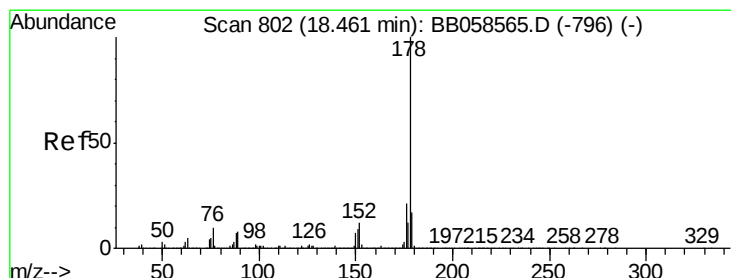
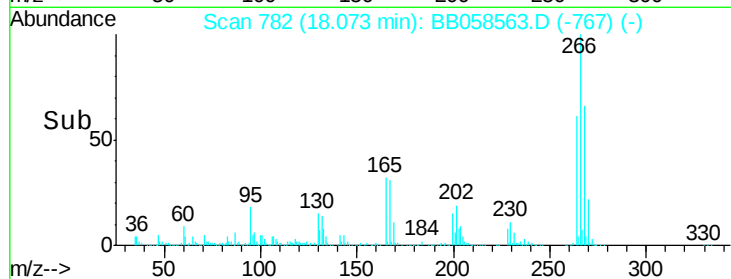
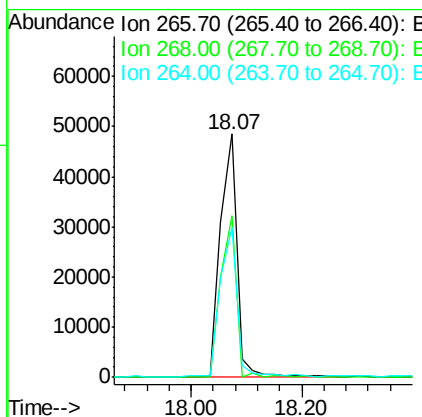
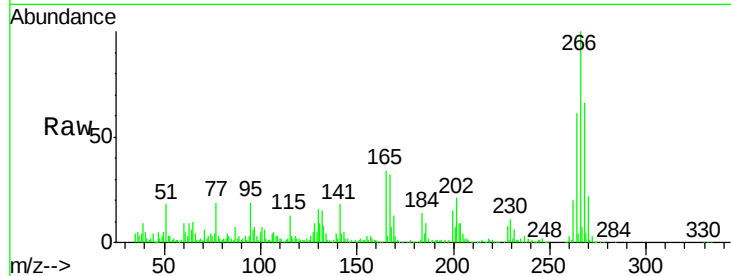
#69  
 Pentachlorophenol  
 Concen: 9.62 ng  
 RT: 18.07 min Scan# 782  
 Delta R.T. -0.00 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

Instrument :  
 BNA\_B  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 101714 |       |       |
| 268     | 66.4  | 51.3   | 76.9  |       |
| 264     | 61.5  | 50.2   | 75.2  |       |

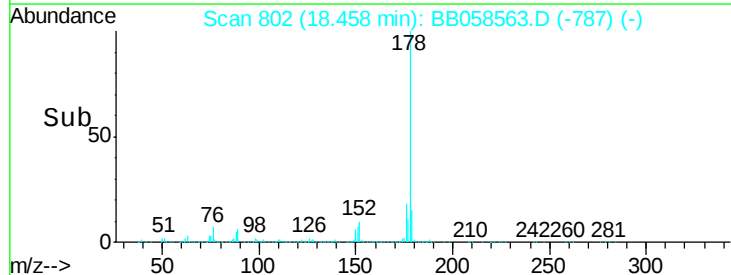
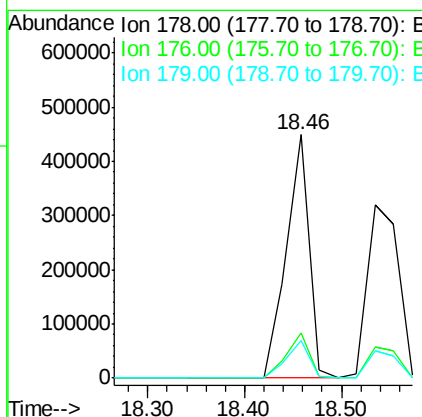
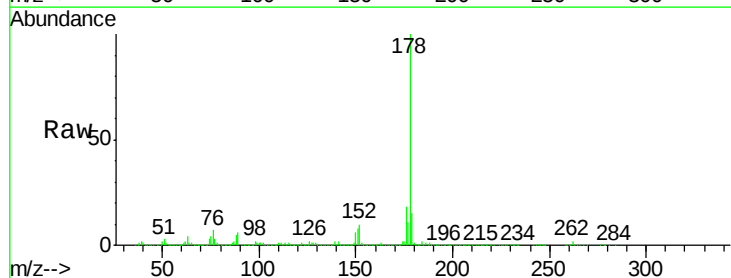
Manual Integrations  
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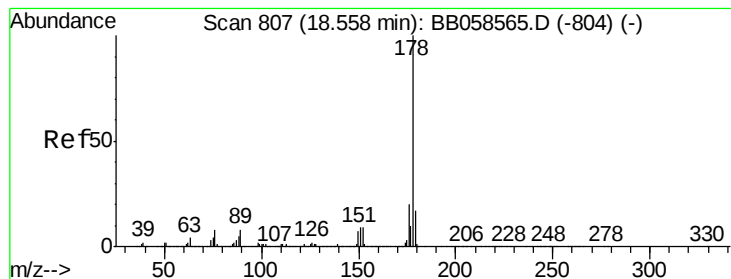
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#70  
 Phenanthrene  
 Concen: 11.27 ng  
 RT: 18.46 min Scan# 802  
 Delta R.T. -0.00 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 737408 |       |       |
| 176     | 18.4  | 17.2   | 25.8  |       |
| 179     | 15.4  | 14.3   | 21.5  |       |





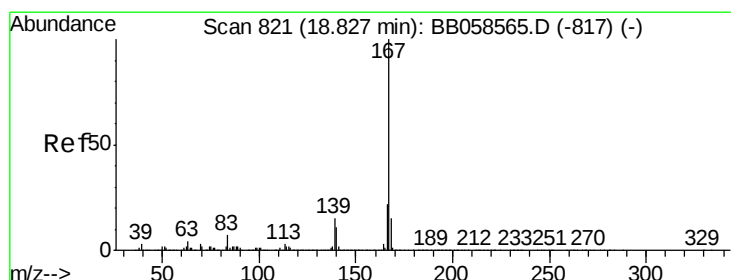
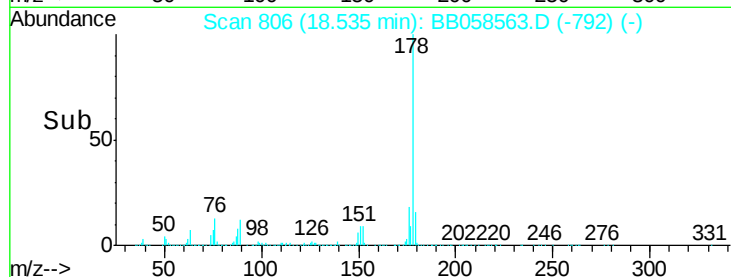
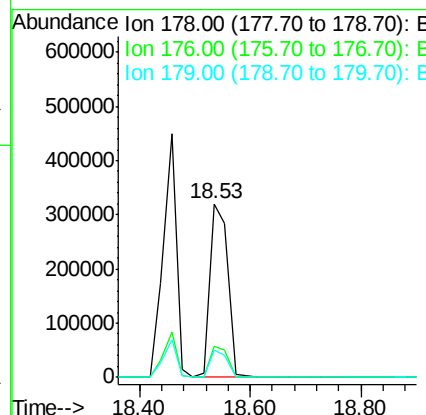
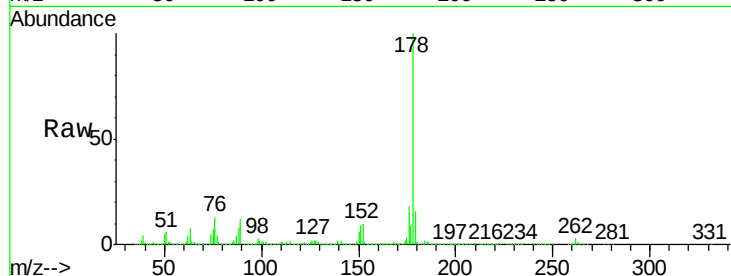
#71  
 Anthracene  
 Concen: 11.10 ng  
 RT: 18.53 min Scan# 806  
 Delta R.T. -0.02 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

Instrument :  
 BNA\_B  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.0  | 17.6  | 26.4  |
| 179     | 15.7  | 14.8  | 22.2  |

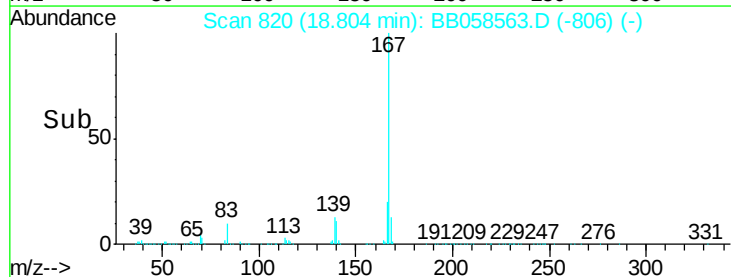
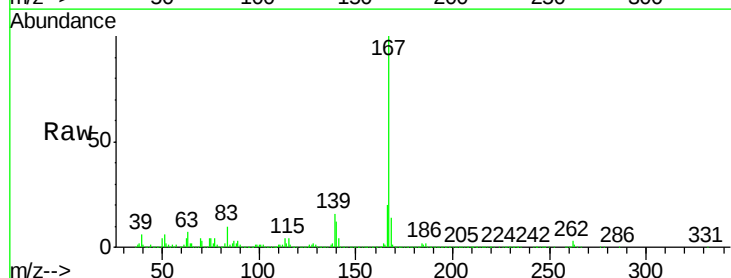
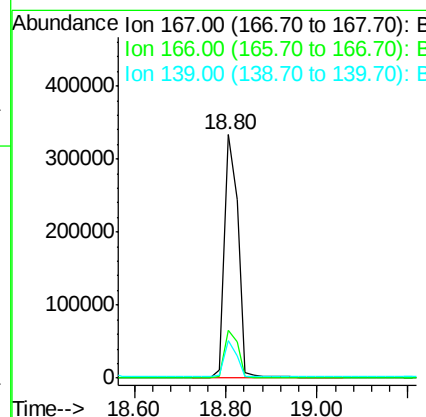
Manual Integrations  
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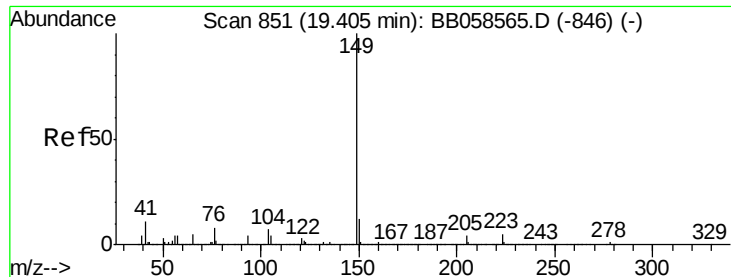
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#72  
 Carbazole  
 Concen: 11.22 ng  
 RT: 18.80 min Scan# 820  
 Delta R.T. -0.02 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 19.7  | 19.4  | 29.0  |
| 139     | 15.6  | 14.1  | 21.1  |





#73

Di-n-butylphthalate

Concen: 14.52 ng

RT: 19.40 min Scan# 851

Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

ClientSampleID :

SSTDIC010

Tot Ion:149 Resp: 1198434

Ion Ratio Lower Upper

149 100

150 8.9 11.8 17.6#

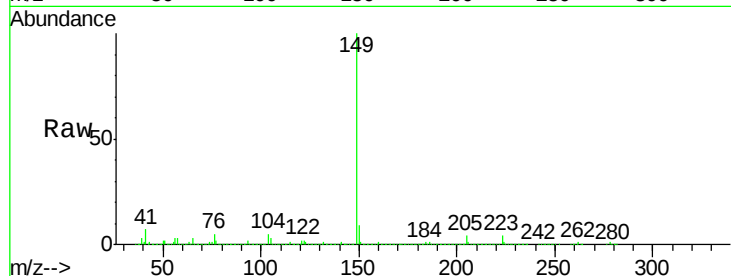
104 4.8 7.7 11.5#

Manual Integrations

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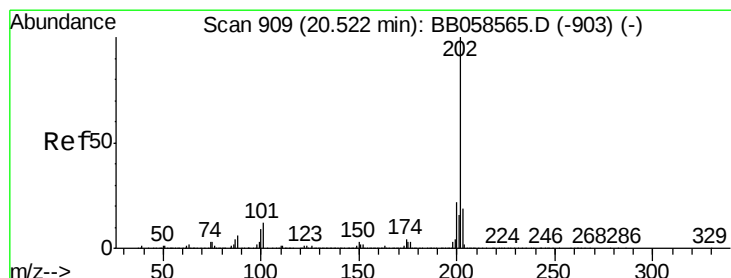
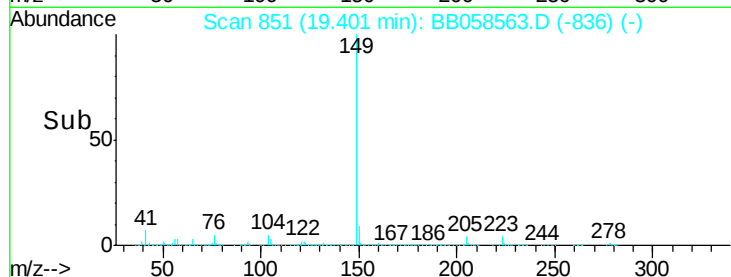
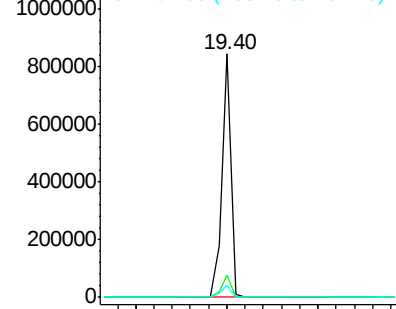
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 11.53 ng

RT: 20.50 min Scan# 908

Delta R.T. -0.02 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

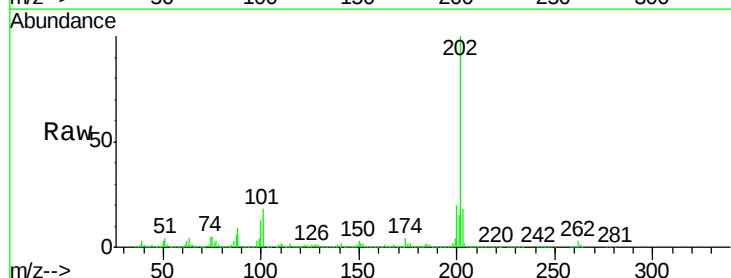
Tgt Ion:202 Resp: 710849

Ion Ratio Lower Upper

202 100

101 17.6 0.0 34.3

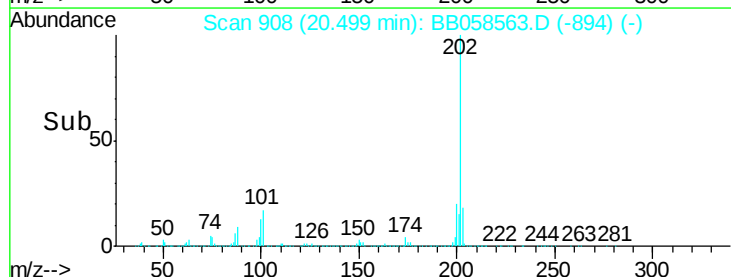
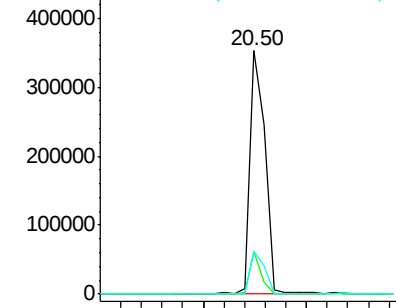
203 17.6 1.3 41.3

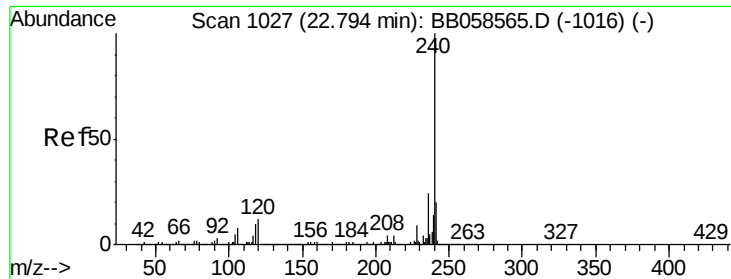


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.77 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

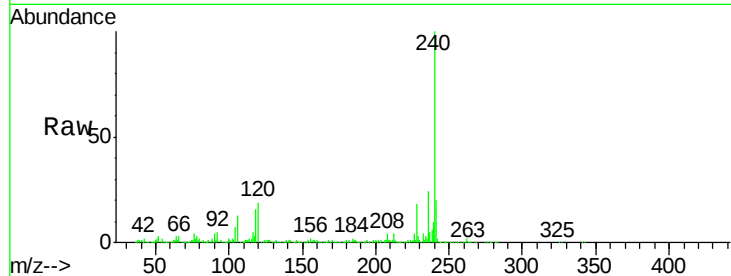
ClientSampleId :

SSTDIC010

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 240   | Resp: | 1127437 |
| Ion Ratio | Lower | Upper |         |
| 240       | 100   |       |         |
| 120       | 18.6  | 13.3  | 19.9    |
| 236       | 24.1  | 19.4  | 29.2    |

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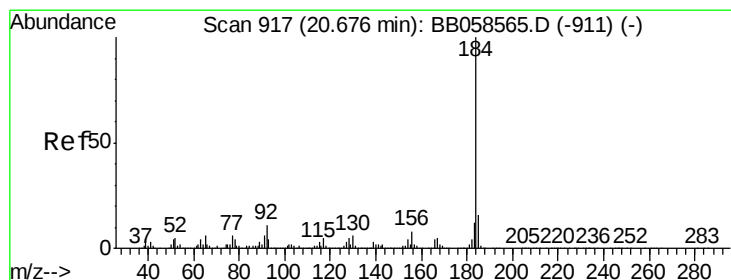
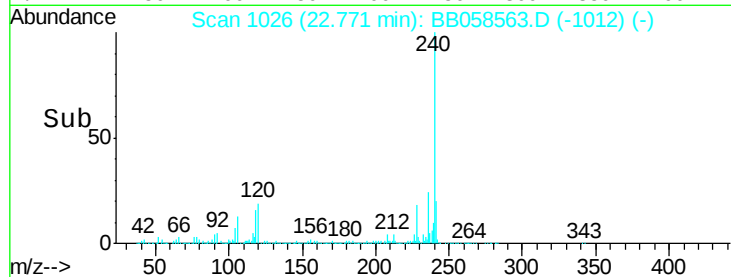
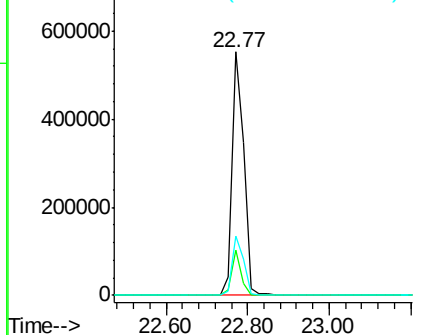
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.13 ng

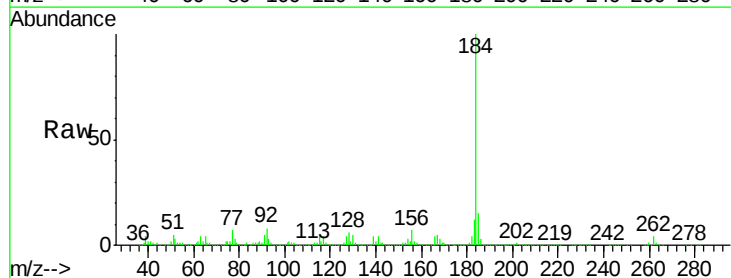
RT: 20.67 min Scan# 917

Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

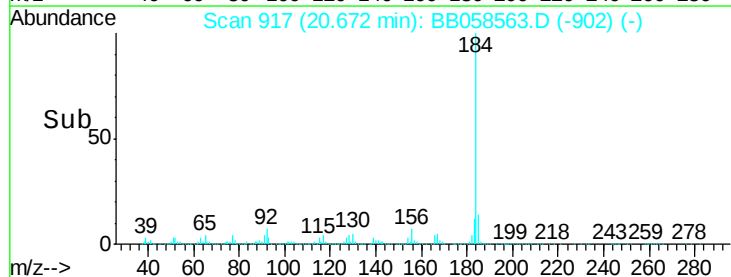
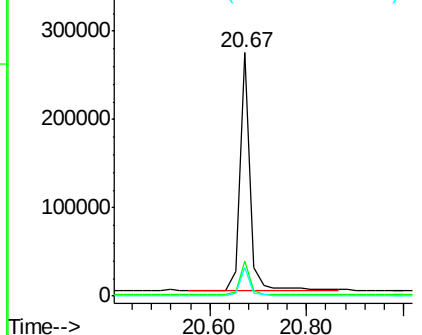
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 393524 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.5  | 11.5  | 17.3   |
| 183       | 11.6  | 9.8   | 14.6   |

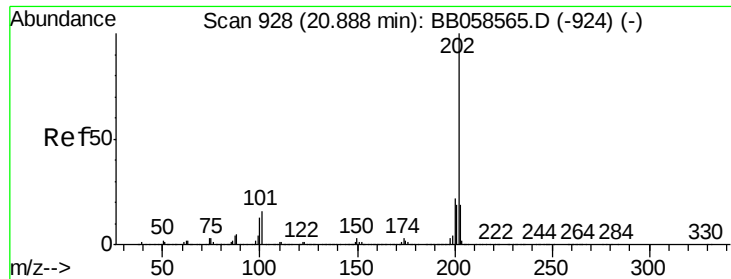


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





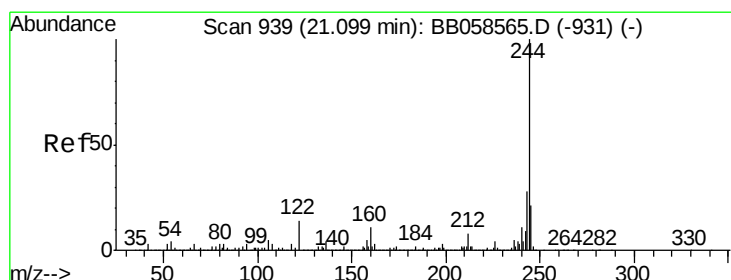
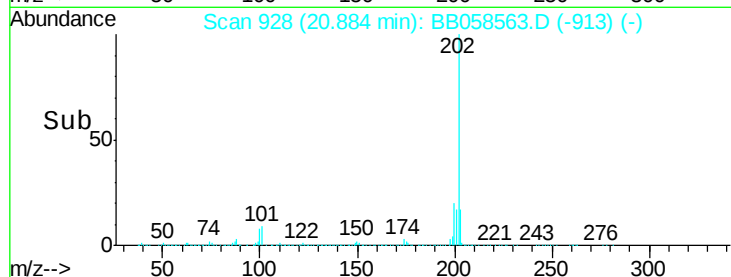
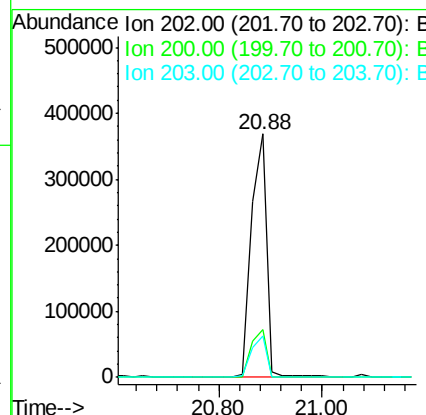
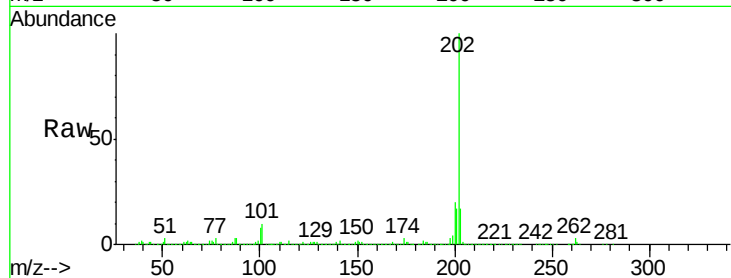
#77  
Pvrene  
Concen: 12.29 ng  
RT: 20.88 min Scan# 928  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 19.9  | 19.8       | 29.8  |
| 203     | 17.1  | 16.9       | 25.3  |

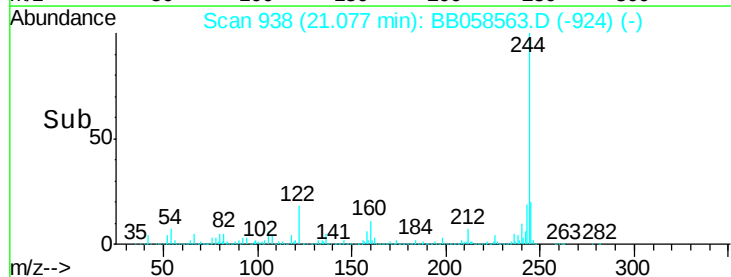
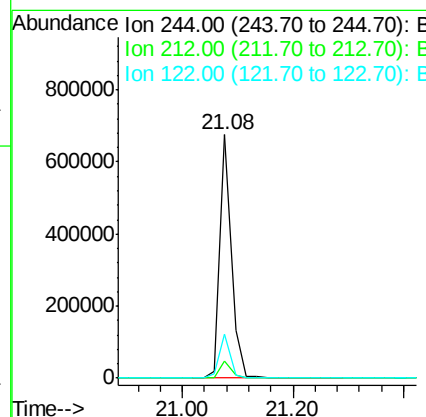
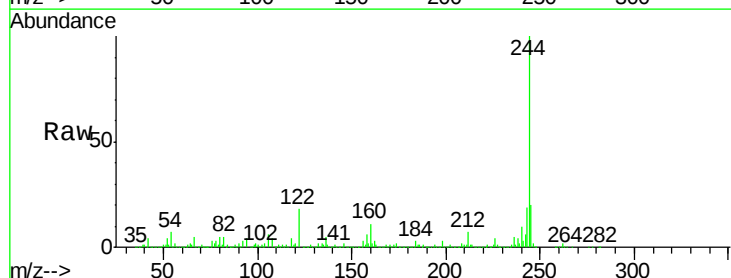
Manual Integrations  
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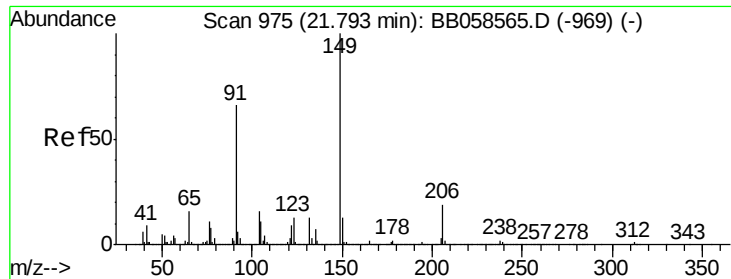
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#78  
Terphenyl-d14  
Concen: 26.16 ng  
RT: 21.08 min Scan# 938  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 7.2   | 7.8        | 11.8# |
| 122     | 18.3  | 14.7       | 22.1  |





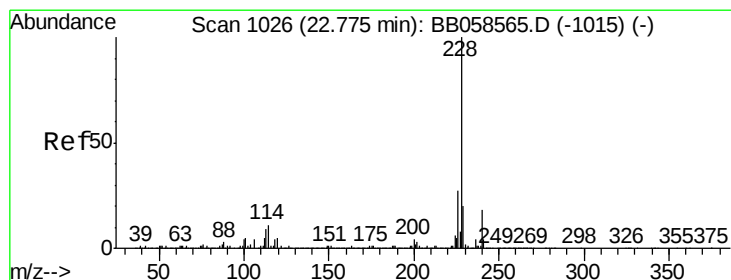
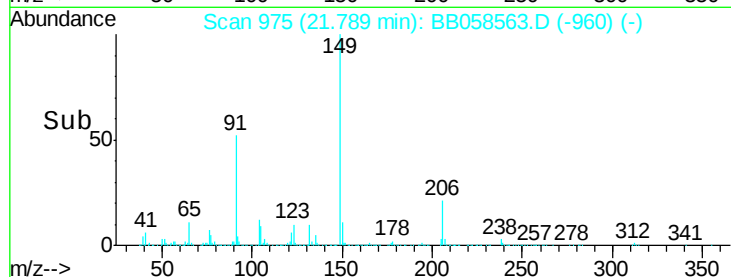
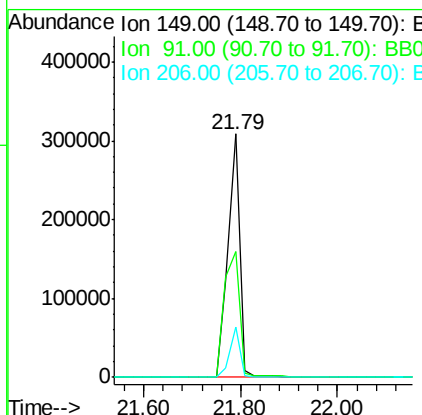
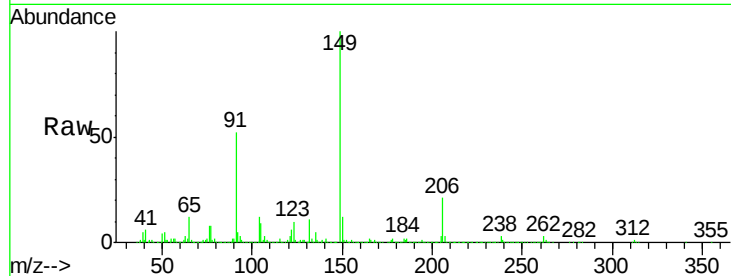
#79  
Butylbenzylphthalate  
Concen: 11.93 ng  
RT: 21.79 min Scan# 975  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 51.9  | 57.1  | 85.7# |
| 206     | 20.9  | 17.0  | 25.4  |

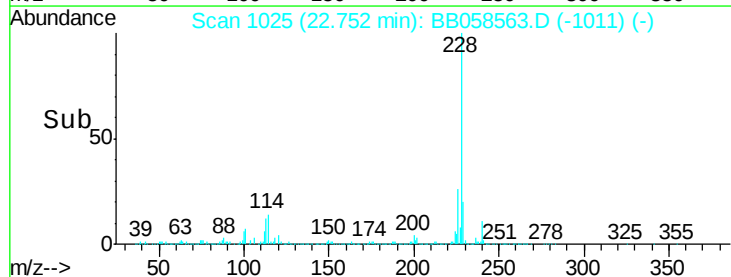
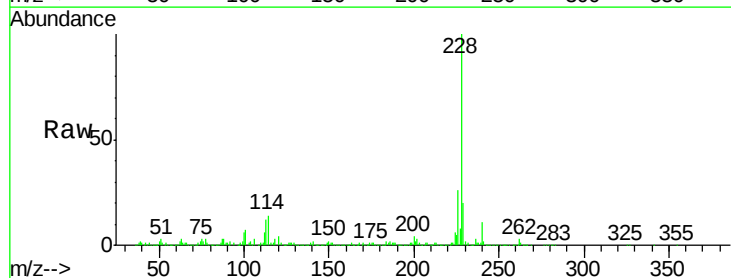
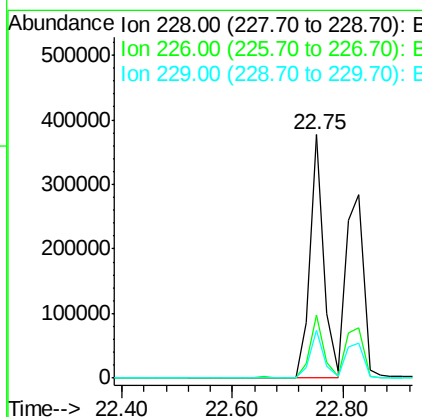
Manual Integrations  
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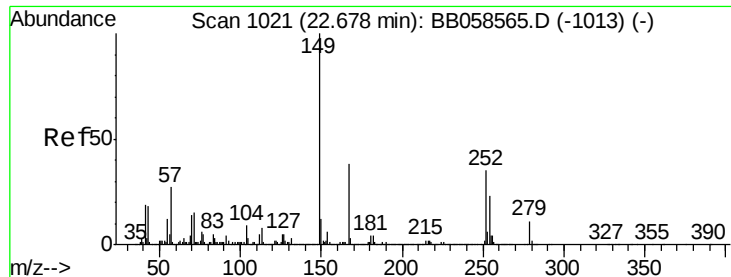
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#80  
Benzo(a)anthracene  
Concen: 11.43 ng  
RT: 22.75 min Scan# 1025  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.1  | 23.8  | 35.8  |
| 229     | 19.7  | 17.8  | 26.6  |





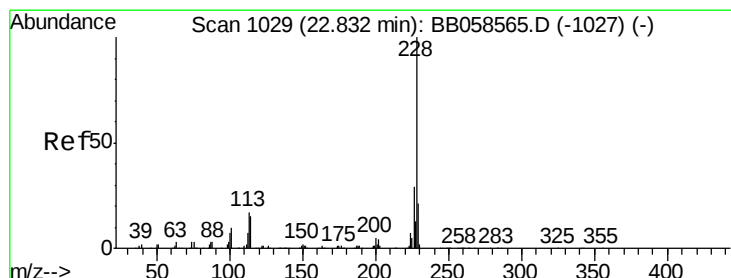
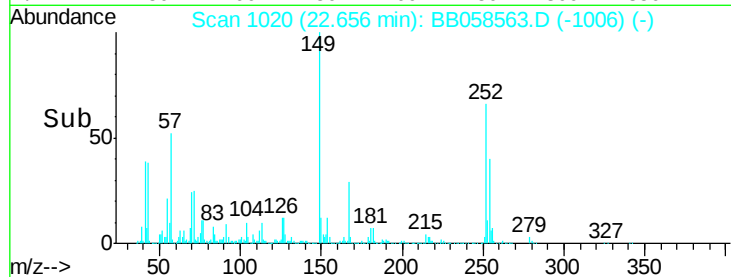
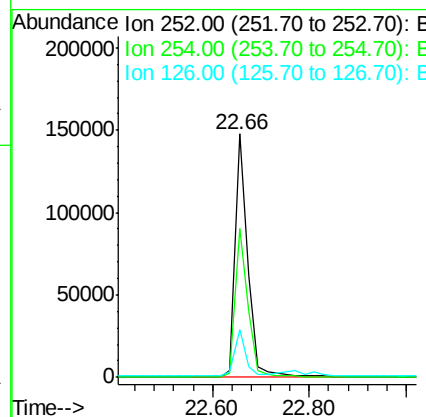
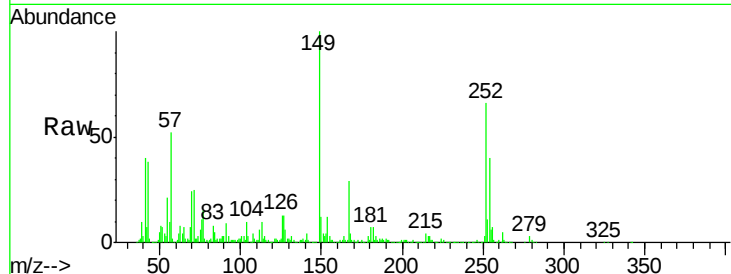
#81  
 3,3'-Dichlorobenzidine  
 Concen: 12.30 ng  
 RT: 22.66 min Scan# 1020  
 Delta R.T. -0.02 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

Instrument :  
 BNA\_B  
 ClientSampleId :  
 SSTDIC010

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 61.4  | 52.8       | 79.2  |
| 126     | 19.4  | 7.3        | 10.9  |

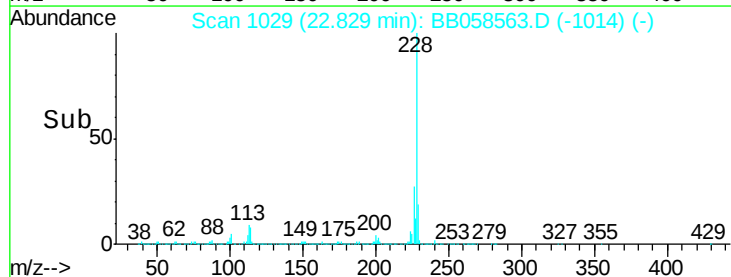
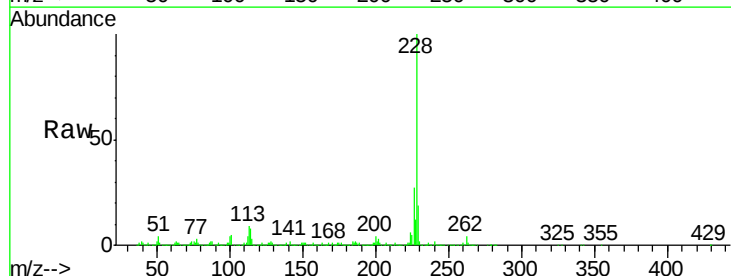
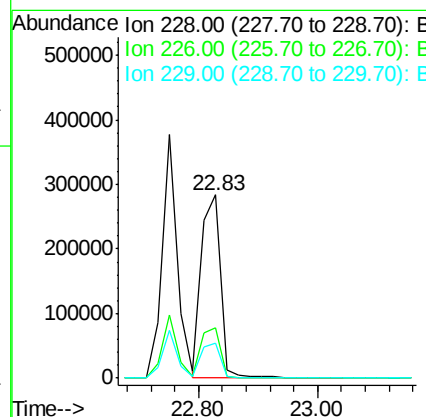
Manual Integrations  
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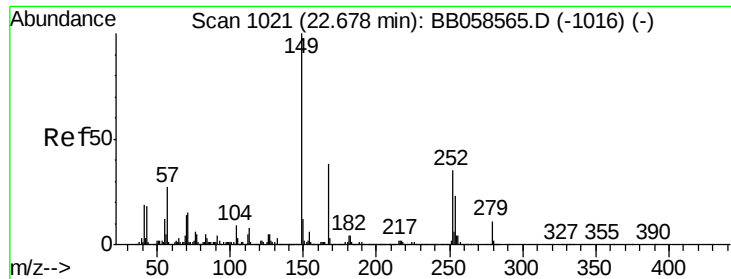
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#82  
 Chrysene  
 Concen: 11.53 ng  
 RT: 22.83 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 27.4  | 27.3       | 40.9  |
| 229     | 18.9  | 18.6       | 28.0  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 12.95 ng

RT: 22.67 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BB058563.D

Acq: 29 Sep 2016 18:36

Instrument :

BNA\_B

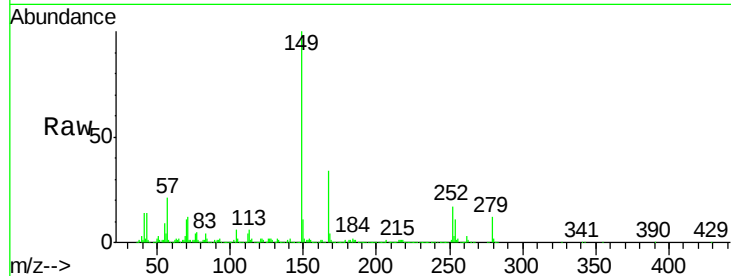
ClientSampled :

SSTDIC010

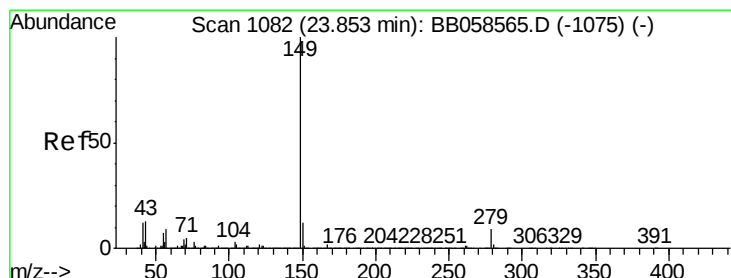
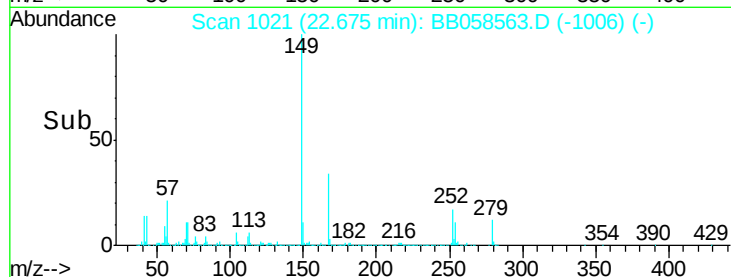
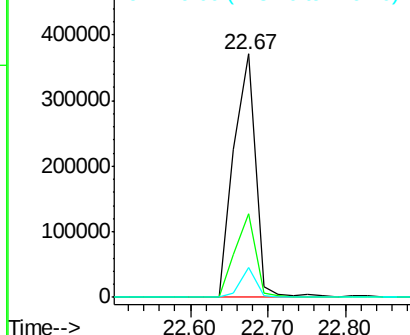
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 149  | Resp: | 720257 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 34.4 | 33.4  | 50.0   |
| 279       | 12.3 | 9.1   | 13.7   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 12.89 ng

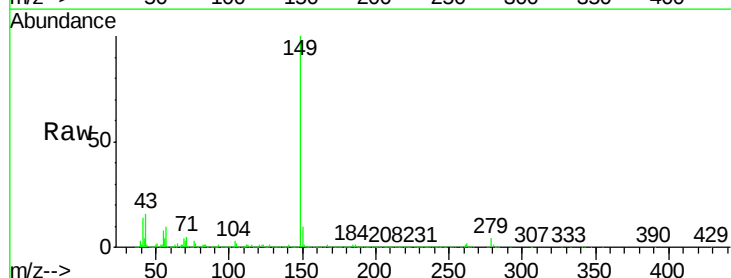
RT: 23.83 min Scan# 1081

Delta R.T. -0.02 min

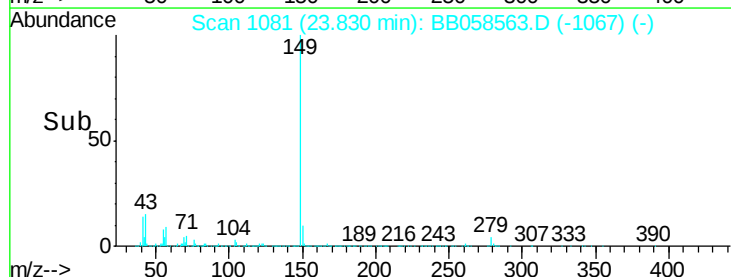
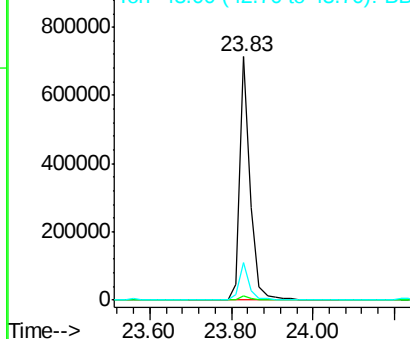
Lab File: BB058563.D

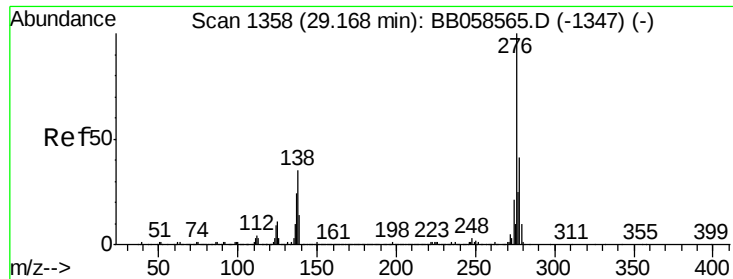
Acq: 29 Sep 2016 18:36

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 149  | Resp: | 1278097 |
| Ion Ratio |      | Lower | Upper   |
| 149       | 100  |       |         |
| 167       | 1.6  | 1.7   | 2.5#    |
| 43        | 14.9 | 12.5  | 18.7    |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BB0





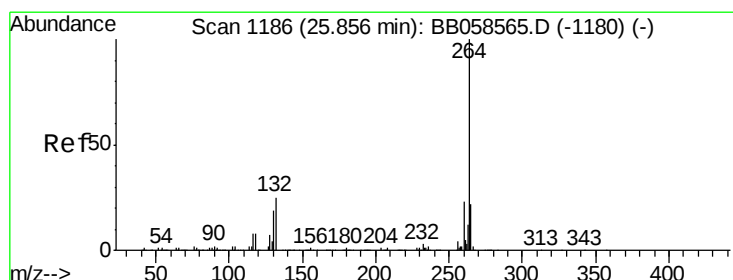
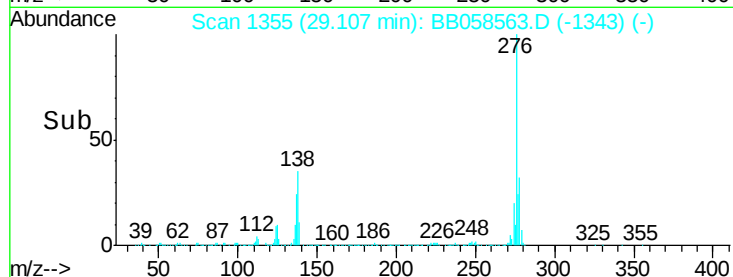
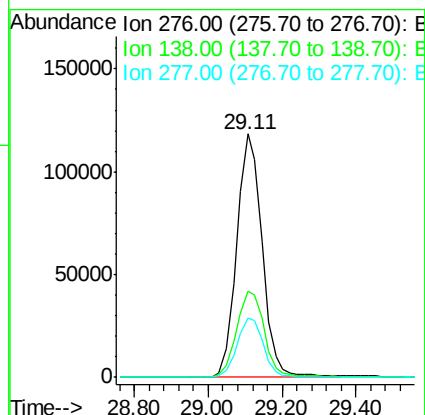
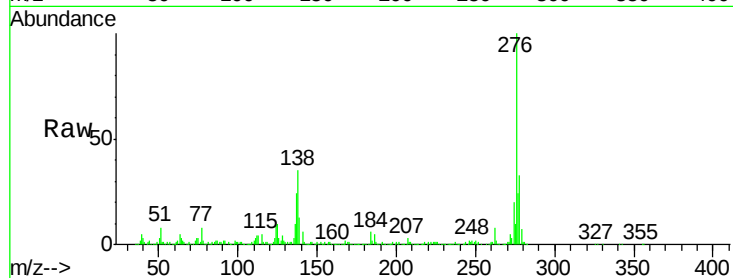
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 9.09 ng  
RT: 29.11 min Scan# 1355  
Delta R.T. -0.06 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 38.5  | 28.2  | 42.2  |
| 277     | 25.3  | 20.2  | 30.4  |

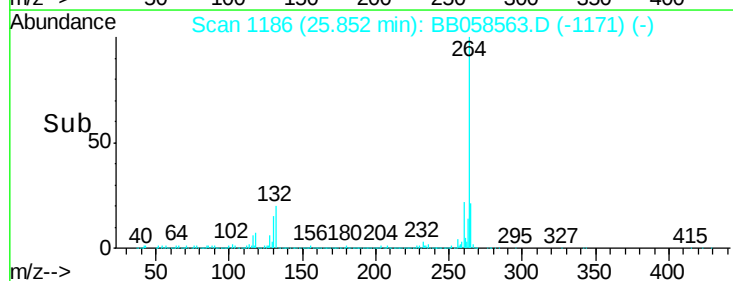
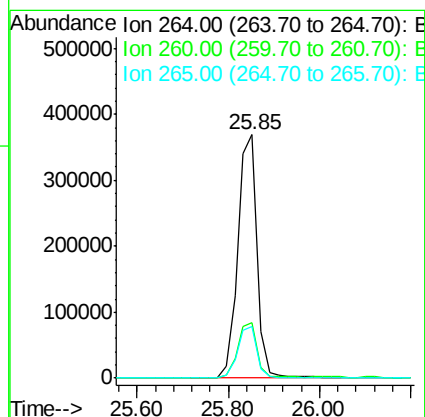
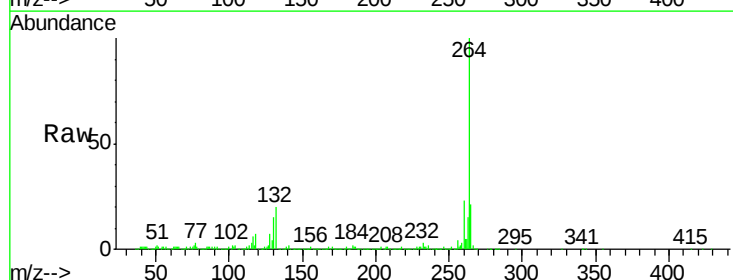
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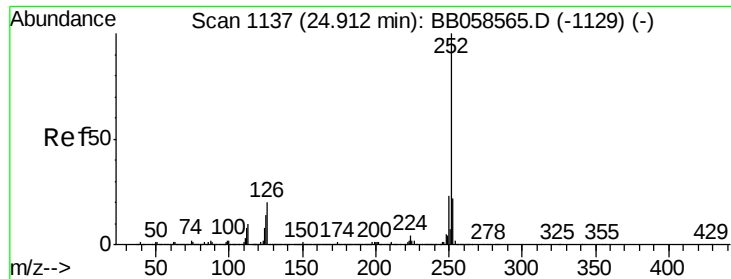
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.85 min Scan# 1186  
Delta R.T. -0.00 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.7  | 18.4  | 27.6  |
| 265     | 21.3  | 17.7  | 26.5  |





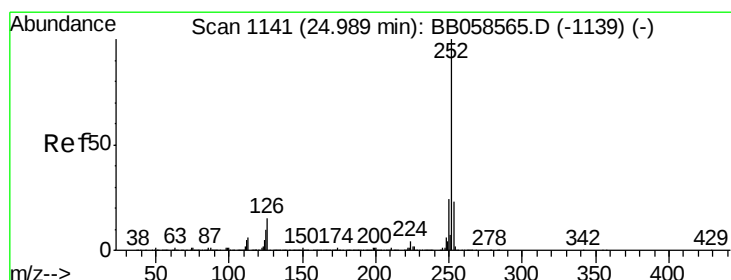
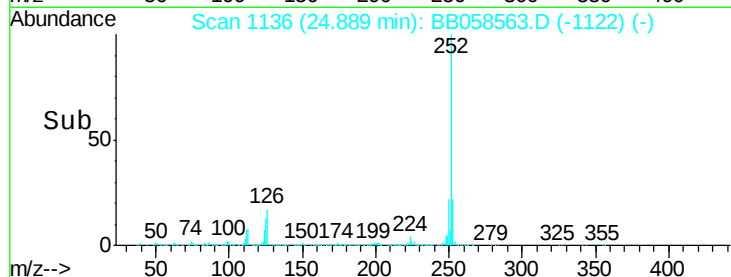
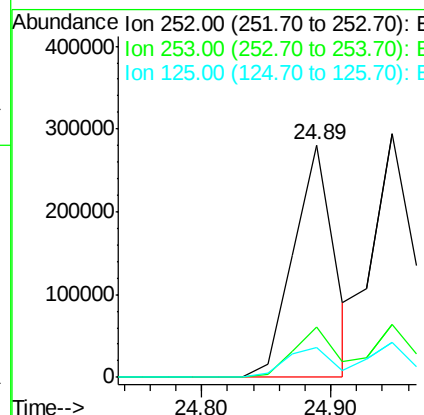
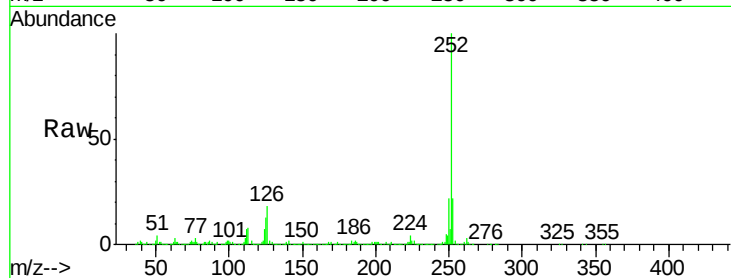
#87  
Benzo(b)fluoranthene  
Concen: 9.49 ng  
RT: 24.89 min Scan# 1136  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 18.5  | 27.7  |
| 125     | 12.7  | 11.3  | 16.9  |

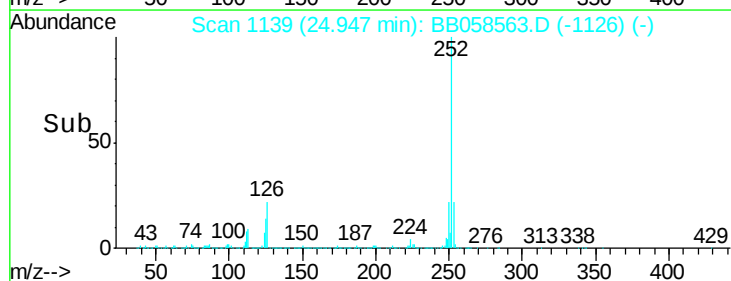
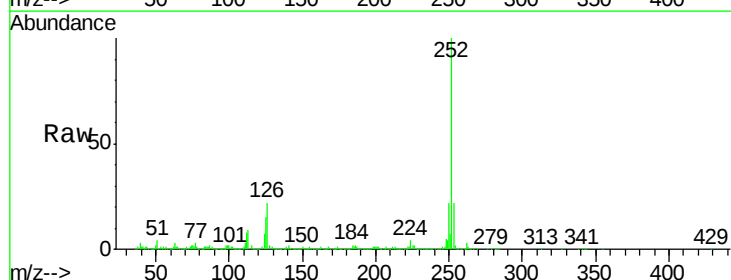
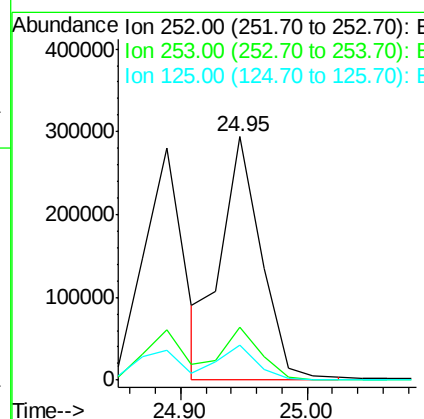
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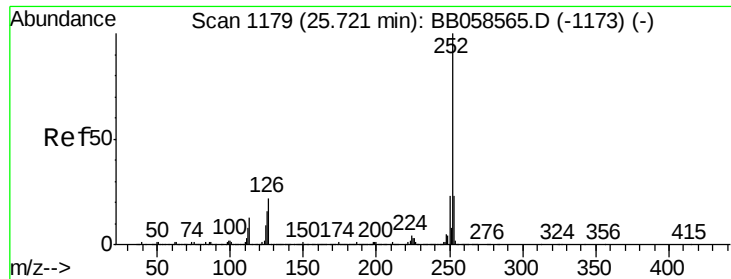
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#88  
Benzo(k)fluoranthene  
Concen: 11.39 ng m  
RT: 24.95 min Scan# 1139  
Delta R.T. -0.04 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 19.2  | 28.8  |
| 125     | 14.5  | 11.0  | 16.6  |





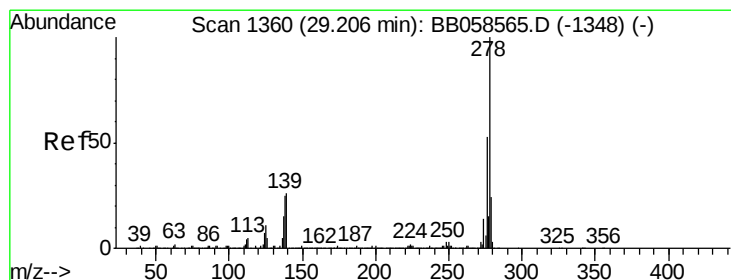
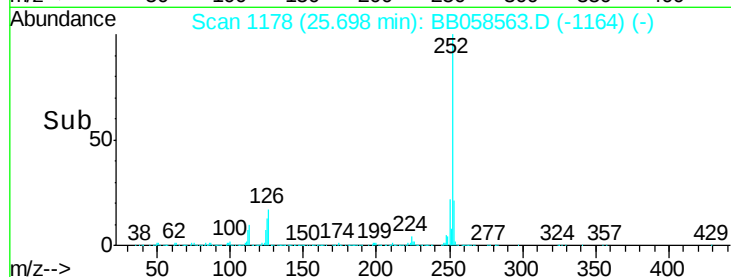
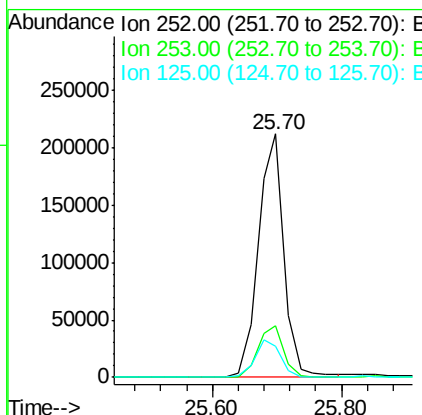
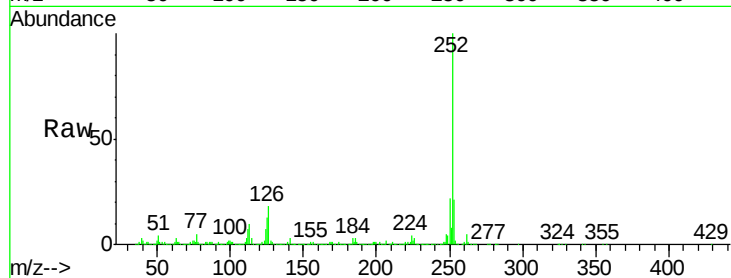
#89  
Benzo(a)pyrene  
Concen: 10.22 ng  
RT: 25.70 min Scan# 1178  
Delta R.T. -0.02 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

Instrument :  
BNA\_B  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 18.2  | 27.2  |
| 125     | 13.0  | 9.5   | 14.3  |

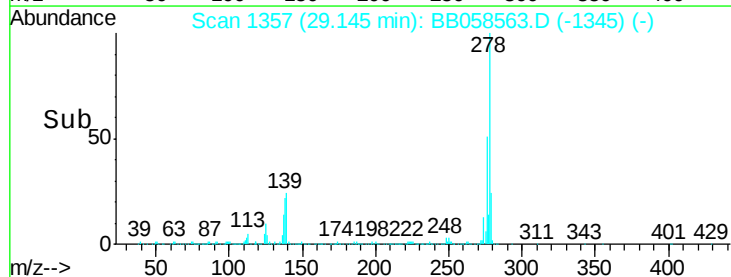
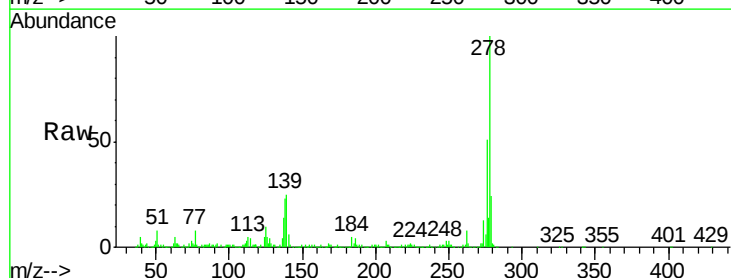
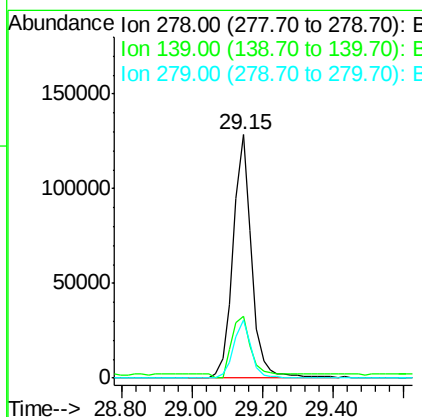
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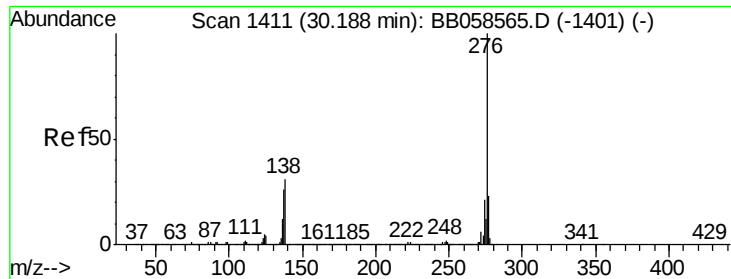
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#90  
Dibenzo(a,h)anthracene  
Concen: 9.10 ng  
RT: 29.15 min Scan# 1357  
Delta R.T. -0.06 min  
Lab File: BB058563.D  
Acq: 29 Sep 2016 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 25.4  | 19.7  | 29.5  |
| 279     | 24.0  | 19.9  | 29.9  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 9.17 ng  
 RT: 30.11 min Scan# 1407  
 Delta R.T. -0.08 min  
 Lab File: BB058563.D  
 Acq: 29 Sep 2016 18:36

Instrument :  
 BNA\_B  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.3  | 18.9  | 28.3  |
| 138     | 32.8  | 22.0  | 33.0  |

Manual Integrations  
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