

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\  
 Data File : BF099836.D  
 Acq On : 26 Oct 2017 2:54  
 Operator : SJ/JU  
 Sample : PB103631BSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:59:26 AM

Quant Time: Oct 26 14:13:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 25 17:02:52 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 66744    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 268430   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.84  | 164  | 119969   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.33 | 188  | 215641   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.99 | 240  | 168155   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.46 | 264  | 149725   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 248667 | 58.49 | ng | 0.00 |
| 7) Phenol-d6             | 6.43  | 99  | 294276 | 58.38 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 238735 | 57.26 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.63 | 330 | 62366  | 57.04 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.16  | 172 | 511885 | 65.83 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.92 | 244 | 477145 | 62.01 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.54 | 88  | 49966   | 26.615 | ng | # 90   |
| 3) Pyridine                    | 3.33 | 79  | 110108  | 24.389 | ng | 86     |
| 4) n-Nitrosodimethylamine      | 3.26 | 42  | 41174   | 25.529 | ng | # 74   |
| 6) Aniline                     | 6.46 | 93  | 91681   | 14.027 | ng | # 89   |
| 8) 2-Chlorophenol              | 6.58 | 128 | 137025  | 30.242 | ng | 93     |
| 9) Benzaldehyde                | 6.35 | 77  | 68861   | 22.860 | ng | 91     |
| 10) Phenol                     | 6.45 | 94  | 161538  | 29.187 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 121093  | 28.333 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 148337m | 29.157 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146 | 149919  | 29.035 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 140190  | 29.791 | ng | 97     |
| 15) Benzyl Alcohol             | 6.95 | 79  | 97621   | 30.451 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 157621  | 33.200 | ng | 76     |
| 17) 2-Methylphenol             | 7.06 | 107 | 107605  | 28.392 | ng | 97     |
| 18) Hexachloroethane           | 7.30 | 117 | 45837   | 26.609 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70  | 84851   | 28.724 | ng | 91     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 142617  | 32.317 | ng | 91     |
| 22) Acetophenone               | 7.20 | 105 | 179891  | 29.433 | ng | # 94   |
| 24) Nitrobenzene               | 7.38 | 77  | 124267  | 29.580 | ng | 92     |
| 25) Isophorone                 | 7.62 | 82  | 229525  | 30.337 | ng | 98     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 68934   | 28.649 | ng | # 85   |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 120426  | 33.968 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 155422  | 29.333 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 110278  | 29.943 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 116797  | 29.681 | ng | 99     |
| 31) Naphthalene                | 8.10 | 128 | 387493  | 29.905 | ng | 99     |
| 32) Benzoic acid               | 7.87 | 122 | 54469m  | 17.455 | ng |        |
| 33) 4-Chloroaniline            | 8.16 | 127 | 80189   | 14.987 | ng | 95     |
| 34) Hexachlorobutadiene        | 8.21 | 225 | 57359   | 28.338 | ng | 98     |
| 35) Caprolactam                | 8.53 | 113 | 34562   | 29.841 | ng | # 74   |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 110151  | 29.303 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 263508  | 30.347 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 109755  | 28.326 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 8.94 | 237 | 4533    | 16.787 | ng | 93     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\  
 Data File : BF099836.D  
 Acq On : 26 Oct 2017 2:54  
 Operator : SJ/JU  
 Sample : PB103631BSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

Manual Integrations  
 APPROVED

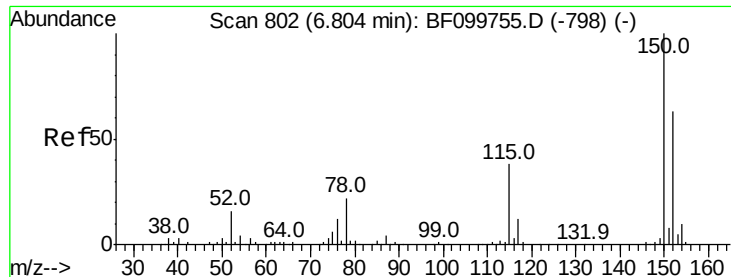
Sohil  
 10/27/2017 8:59:26 AM

Quant Time: Oct 26 14:13:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 25 17:02:52 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.08  | 196  | 70744    | 30.184 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 75015    | 30.161 | nq    | 93       |
| 45) 1,1'-Biphenyl              | 9.26  | 154  | 311400   | 28.693 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.29  | 162  | 239733   | 30.416 | nq    | 95       |
| 47) 2-Nitroaniline             | 9.39  | 65   | 61563    | 29.760 | nq    | 90       |
| 48) Acenaphthylene             | 9.70  | 152  | 361734   | 29.798 | nq    | 99       |
| 49) Dimethylphthalate          | 9.56  | 163  | 275205   | 28.967 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.63  | 165  | 60060    | 30.072 | nq #  | 81       |
| 51) Acenaphthene               | 9.87  | 154  | 213257   | 28.750 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.80  | 138  | 49805    | 21.164 | nq    | 97       |
| 53) 2,4-Dinitrophenol          | 9.94  | 184  | 8054     | 15.239 | nq    | 94       |
| 54) Dibenzofuran               | 10.05 | 168  | 317115   | 30.287 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.99  | 139  | 65239    | 53.056 | nq    | 90       |
| 56) 2,4-Dinitrotoluene         | 10.05 | 165  | 74233    | 30.863 | nq    | 96       |
| 57) Fluorene                   | 10.39 | 166  | 257445   | 29.697 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 52808m   | 30.283 | nq    |          |
| 59) Diethylphthalate           | 10.26 | 149  | 267917   | 28.877 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.38 | 204  | 116886   | 28.649 | nq    | 88       |
| 61) 4-Nitroaniline             | 10.43 | 138  | 57960    | 25.815 | nq    | 81       |
| 62) Azobenzene                 | 10.54 | 77   | 226438   | 29.115 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 10783    | 7.955  | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 10.50 | 169  | 226445   | 28.447 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 10.87 | 248  | 67622    | 29.787 | nq    | 90       |
| 67) Hexachlorobenzene          | 10.94 | 284  | 66143    | 28.479 | nq    | 96       |
| 68) Atrazine                   | 11.03 | 200  | 70578    | 29.516 | nq    | 99       |
| 69) Pentachlorophenol          | 11.15 | 266  | 44430    | 44.770 | nq    | 95       |
| 70) Phenanthrene               | 11.36 | 178  | 362530   | 29.790 | nq    | 98       |
| 71) Anthracene                 | 11.41 | 178  | 372786   | 30.178 | nq    | 99       |
| 72) Carbazole                  | 11.57 | 167  | 348566   | 30.006 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.89 | 149  | 429460   | 28.985 | nq #  | 98       |
| 74) Fluoranthene               | 12.55 | 202  | 369975   | 29.254 | nq    | 98       |
| 76) Benzidine                  | 12.67 | 184  | 205674   | 27.952 | nq    | 97       |
| 77) Pyrene                     | 12.78 | 202  | 381692   | 29.851 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 180530   | 28.672 | nq    | 93       |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 313363   | 29.396 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 100680   | 26.019 | nq    | 99       |
| 82) Chrysene                   | 14.01 | 228  | 303543   | 30.289 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 260523   | 29.464 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 14.56 | 149  | 440481   | 29.024 | nq #  | 93       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.94 | 276  | 241376   | 26.236 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 15.03 | 252  | 278891   | 29.498 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.06 | 252  | 288939   | 32.410 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.40 | 252  | 266612   | 31.393 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.94 | 278  | 206333   | 27.342 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.39 | 276  | 189999   | 25.735 | nq    | 97       |

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





#1

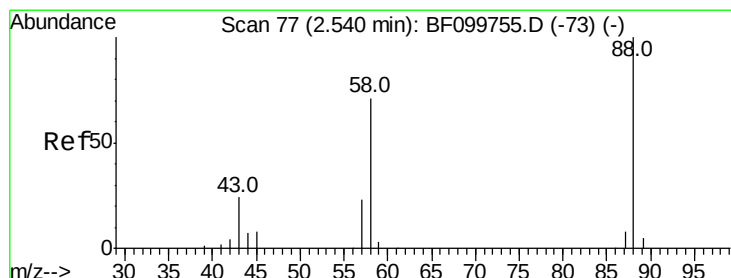
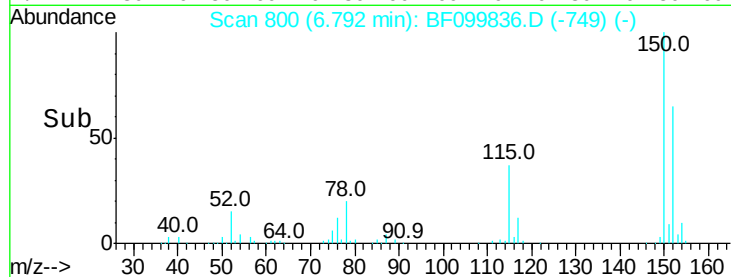
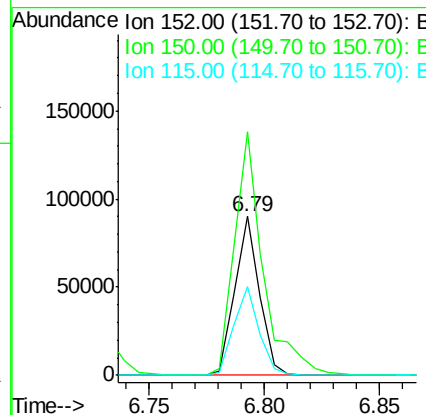
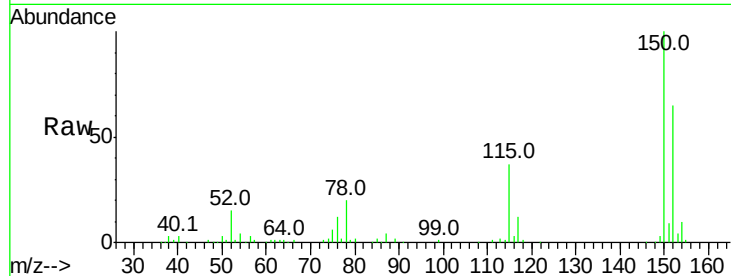
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 800  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.3 | 124.6 | 186.8 |
| 115     | 56.2  | 50.1  | 75.1  |

Manual Integrations  
APPROVED

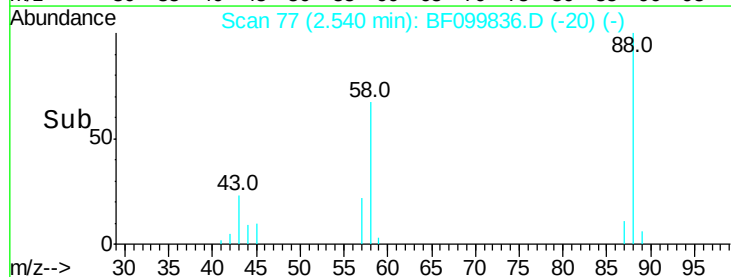
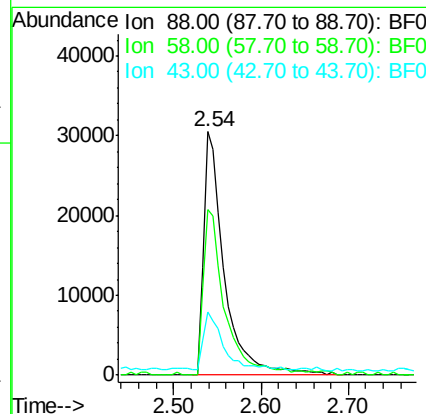
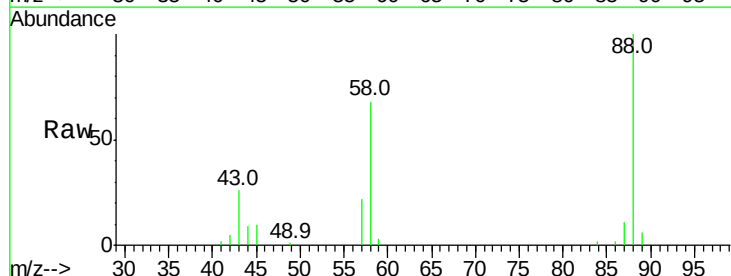
Sohil  
10/27/2017 8:59:26 AM

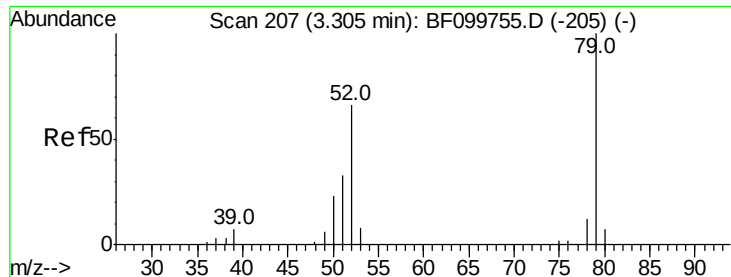


#2

1,4-Dioxane  
Concen: 26.615 ng  
RT: 2.54 min Scan# 77  
Delta R.T. 0.04 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 72.1  | 62.6  | 93.8  |
| 43      | 22.0  | 24.6  | 37.0  |





#3

Pvridine

Concen: 24.389 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.05 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

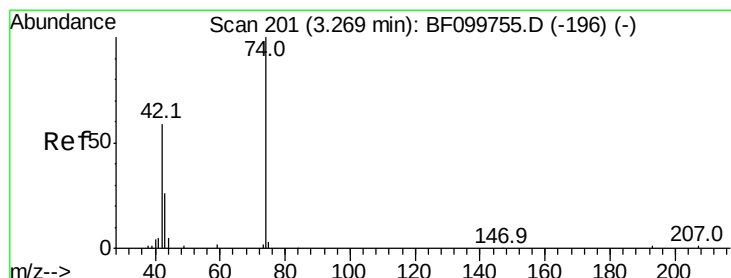
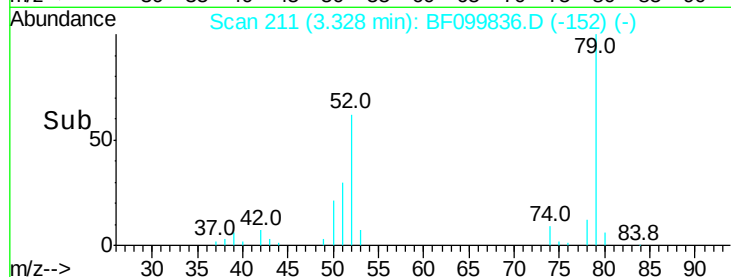
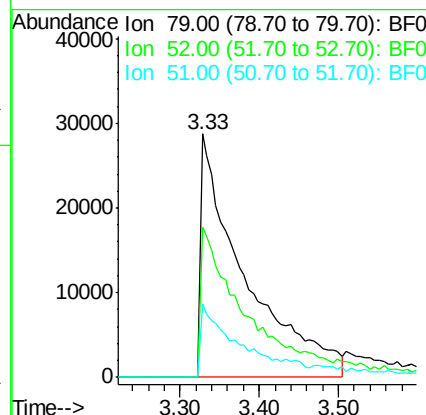
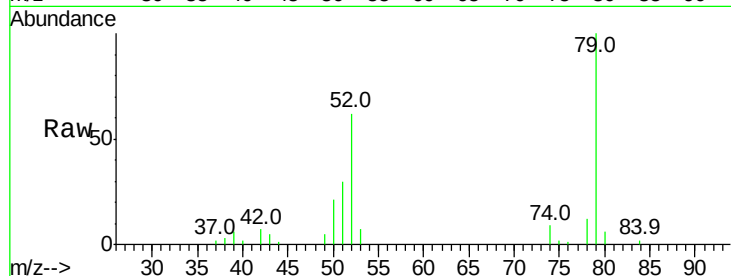
ClientSampleId :

PB103631BSD

| Tot Ion   | 79    | Resp  | 110108 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 61.7  | 59.8  | 89.6   |
| 51        | 30.2  | 29.8  | 44.8   |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM



#4

n-Nitrosodimethylamine

Concen: 25.529 ng

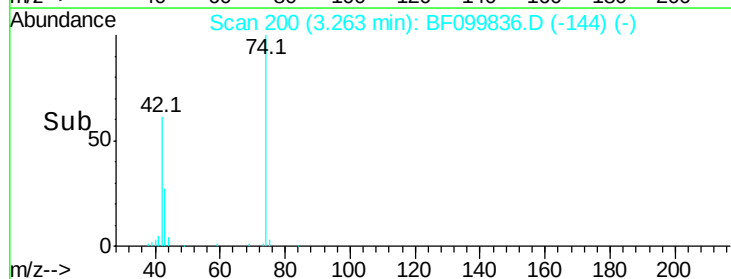
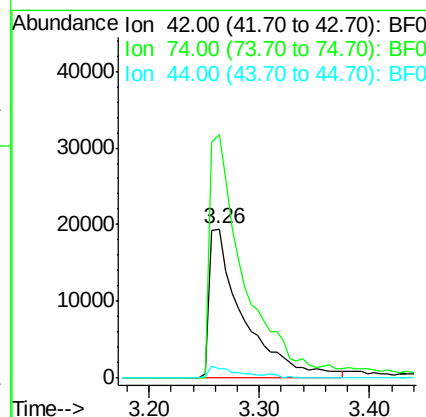
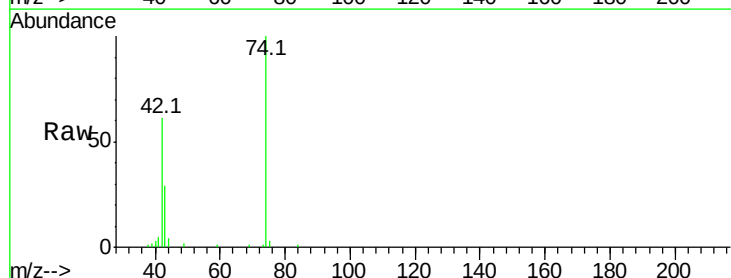
RT: 3.26 min Scan# 200

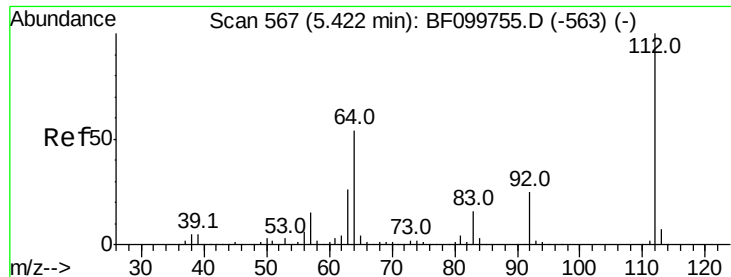
Delta R.T. 0.03 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

| Tgt Ion   | 42    | Resp  | 41174  |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 162.8 | 104.9 | 157.3# |
| 44        | 6.5   | 6.9   | 10.3#  |





#5

2-Fluorophenol

Concen: 58.492 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

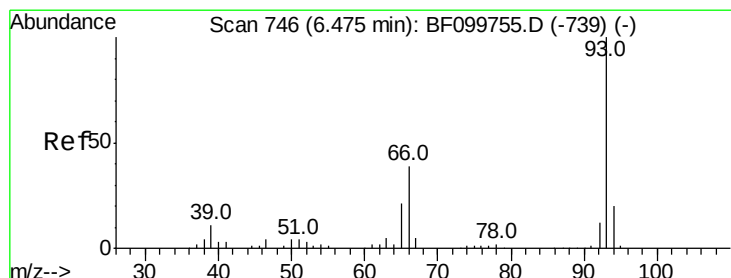
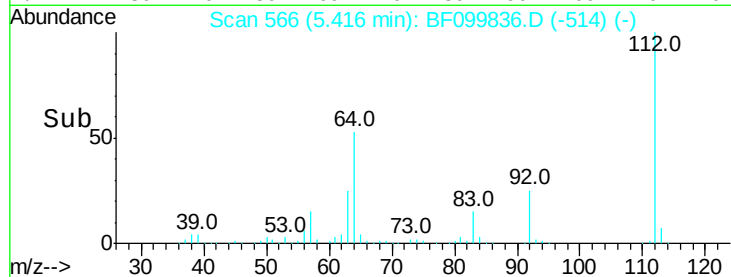
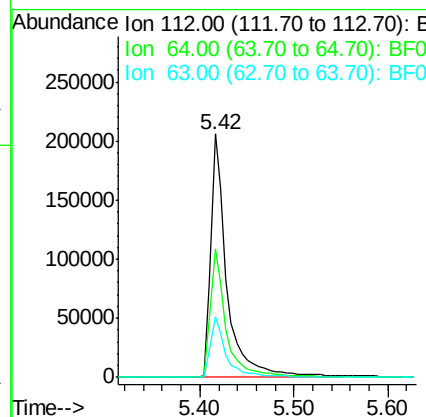
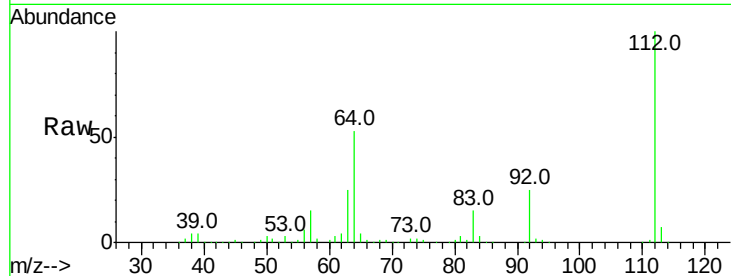
ClientSampled :

PB103631BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 248667 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 52.5  | 47.9  | 71.9   |
| 63        | 24.9  | 23.7  | 35.5   |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM



#6

Aniline

Concen: 14.027 ng

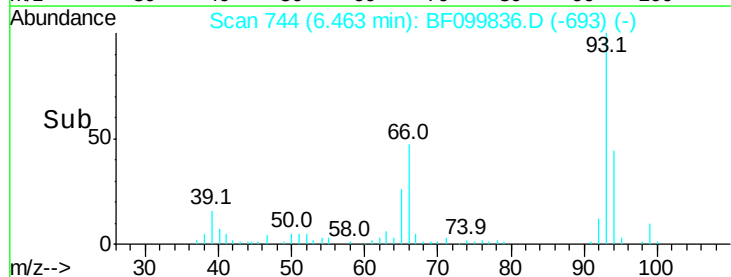
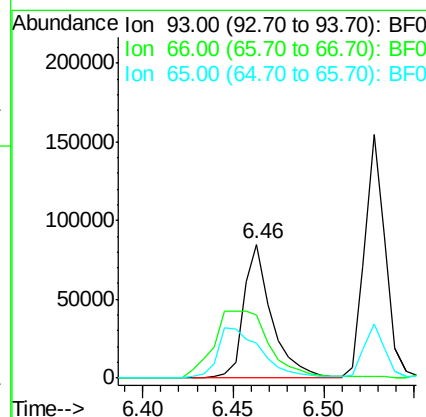
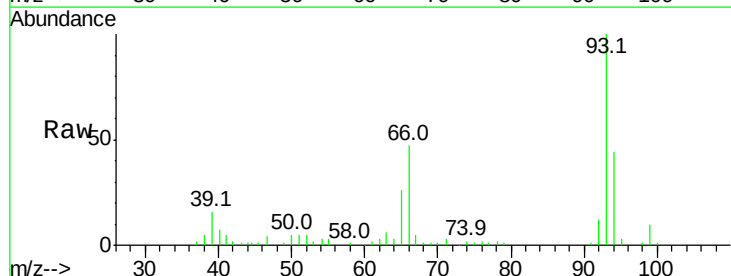
RT: 6.46 min Scan# 744

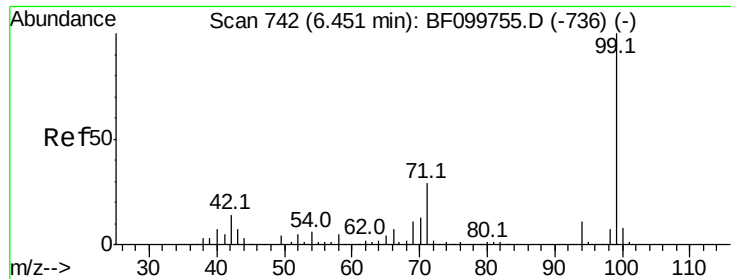
Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 91681 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 47.0  | 32.2  | 48.2  |
| 65        | 25.9  | 16.4  | 24.6  |





#7

Phenol-d6

Concen: 58.378 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

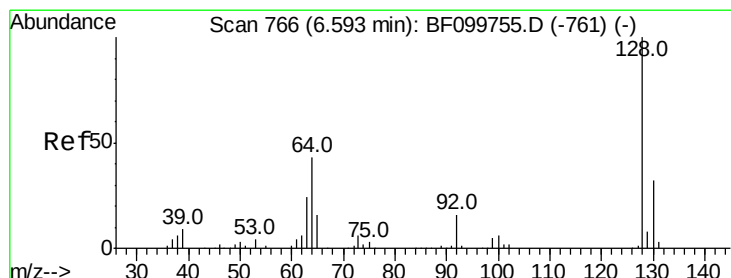
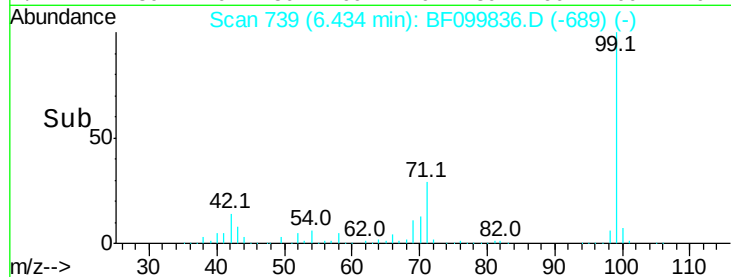
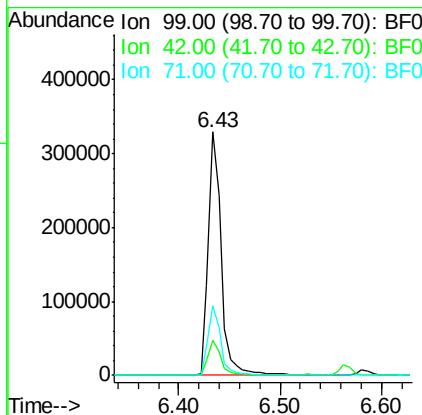
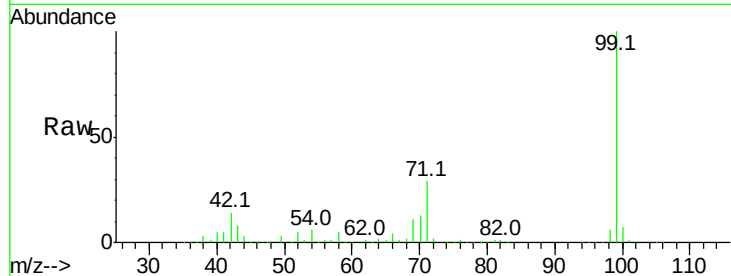
ClientSampleId :

PB103631BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 294276 |       |       |
| 42      | 14.2 | 14.5  | 21.7#  |       |       |
| 71      | 28.8 | 25.4  | 38.0   |       |       |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM



#8

2-Chlorophenol

Concen: 30.242 ng

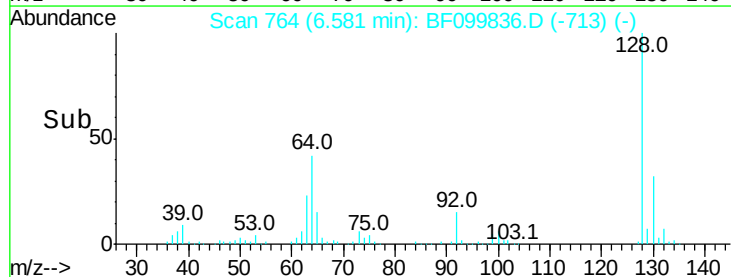
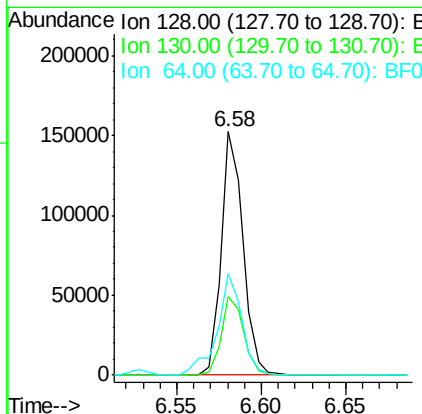
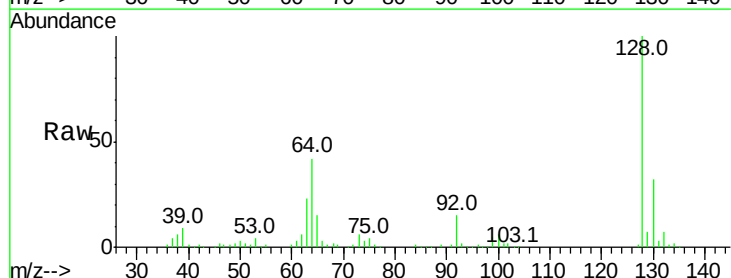
RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

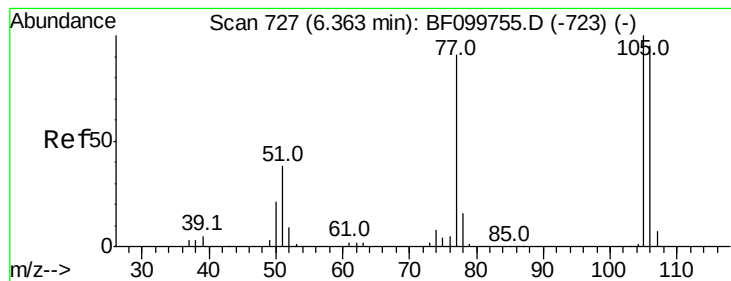
Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 137025 |       |       |
| 130     | 32.1 | 13.0  | 53.0   |       |       |
| 64      | 41.8 | 29.4  | 69.4   |       |       |







#9

Benzaldehyde

Concen: 22.860 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

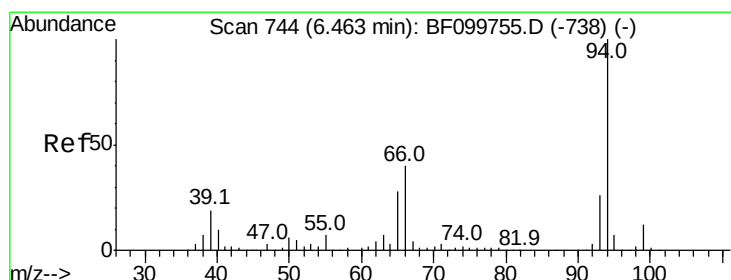
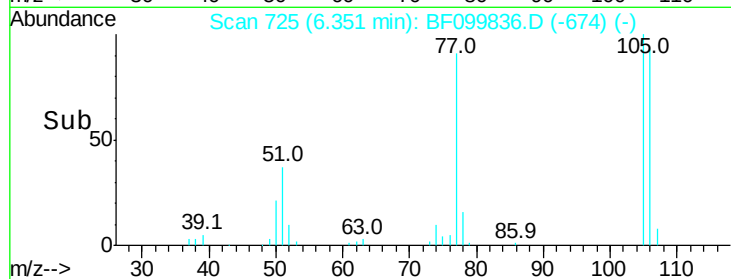
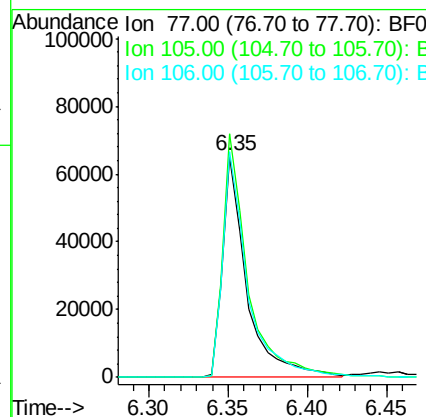
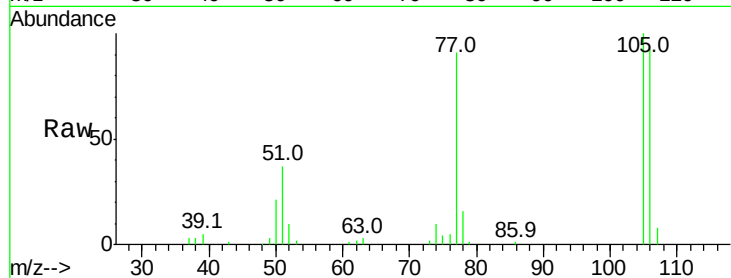
ClientSampleId :

PB103631BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 68861 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 110.4 | 81.1  | 121.1 |
| 106      | 102.3 | 74.5  | 114.5 |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM



#10

Phenol

Concen: 29.187 ng

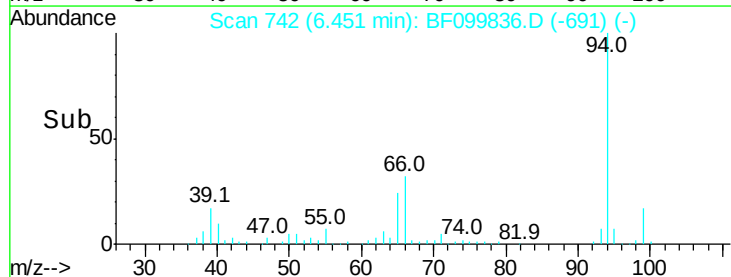
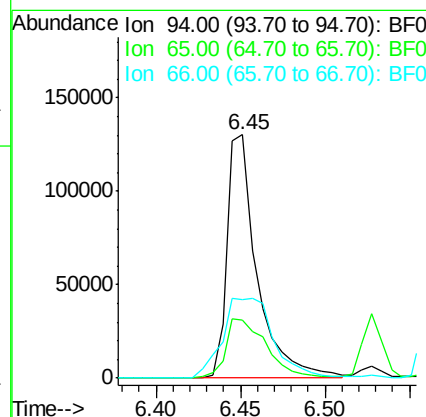
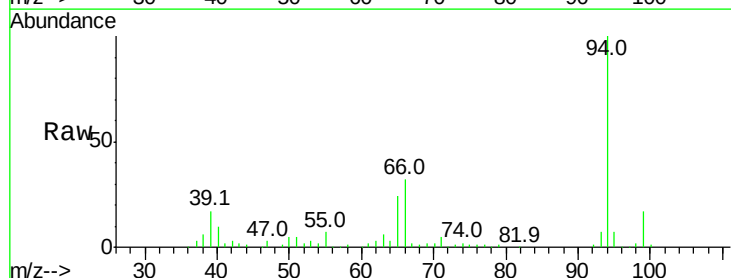
RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

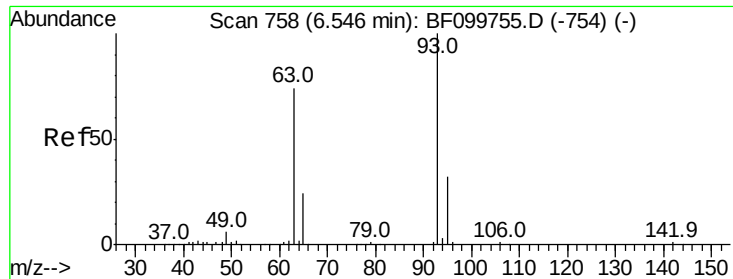
Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 161538 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 23.6  | 7.9   | 47.9   |
| 66       | 32.4  | 16.2  | 56.2   |







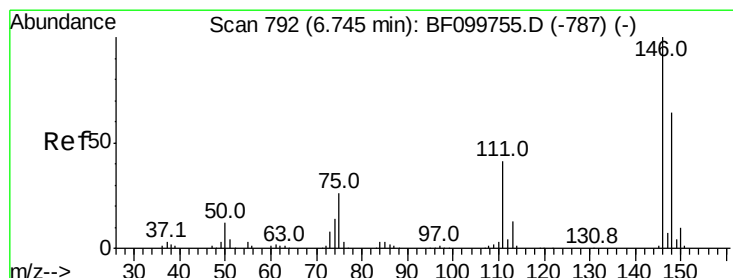
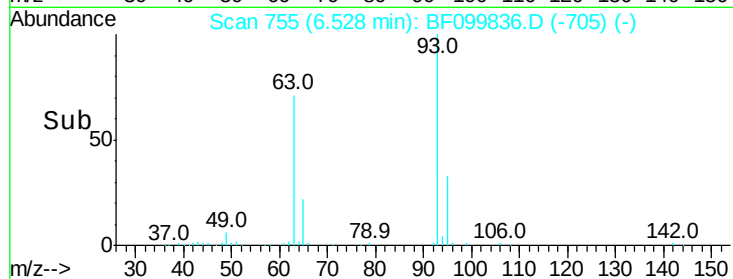
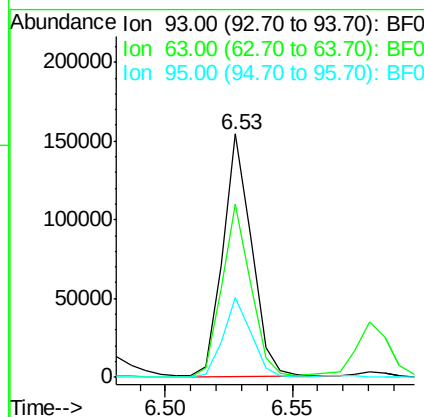
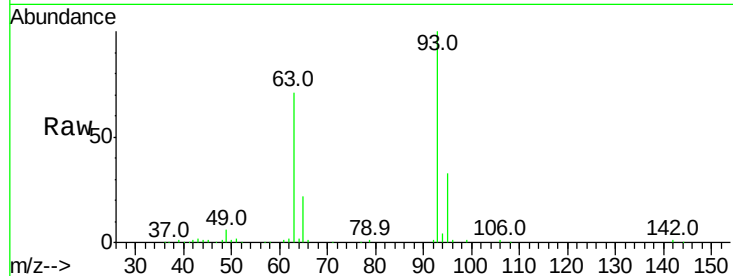
#11  
bis(2-Chloroethyl)ether  
Concen: 28.333 ng  
RT: 6.53 min Scan# 755  
Delta R.T. -0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 121093 |       |       |
| 63      | 71.3  | 58.6   | 98.6  |       |
| 95      | 32.9  | 11.8   | 51.8  |       |

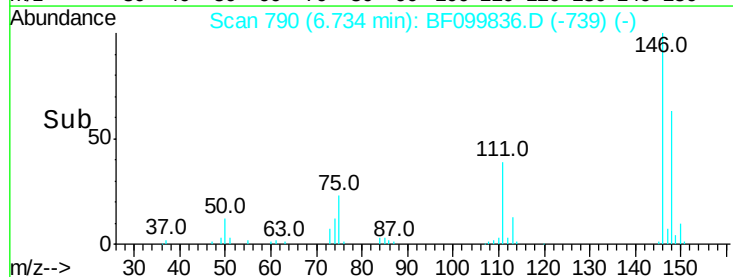
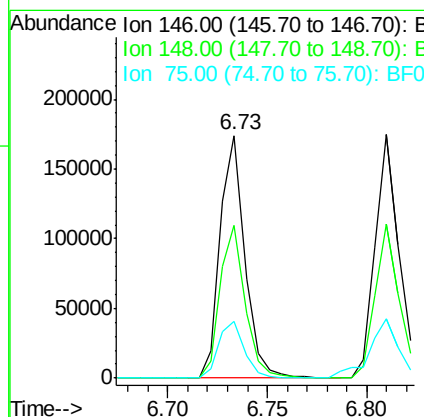
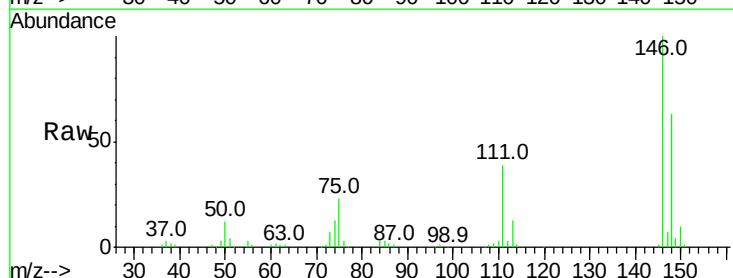
Manual Integrations  
APPROVED

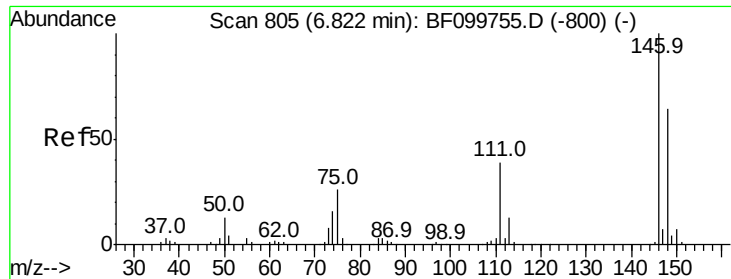
Sohil  
10/27/2017 8:59:26 AM



#12  
1,3-Dichlorobenzene  
Concen: 29.157 ng m  
RT: 6.73 min Scan# 790  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 148337 |       |       |
| 148     | 62.8  | 51.8   | 77.8  |       |
| 75      | 23.5  | 24.2   | 36.4  |       |





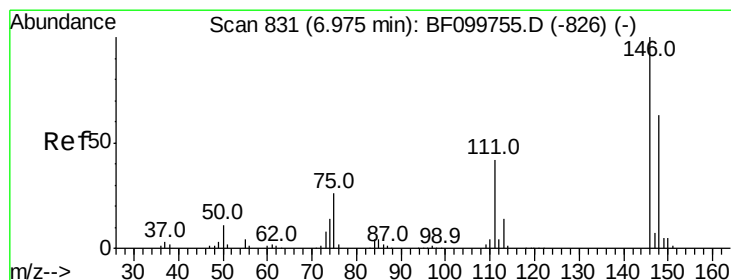
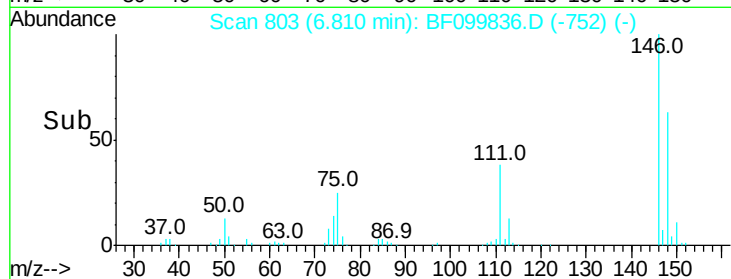
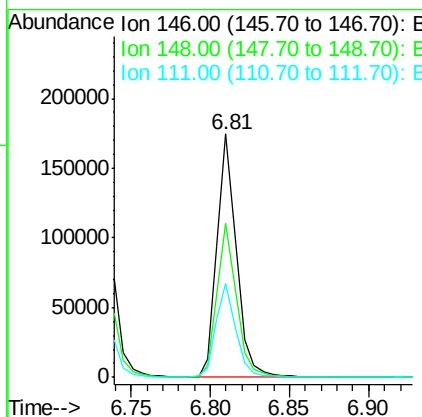
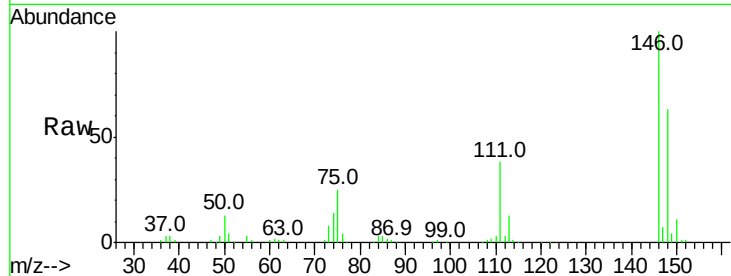
#13  
 1,4-Dichlorobenzene  
 Concen: 29.035 ng  
 RT: 6.81 min Scan# 803  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.1  | 50.8  | 76.2  |
| 111     | 38.3  | 34.2  | 51.2  |

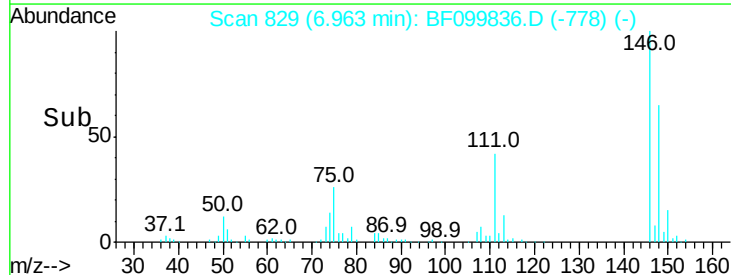
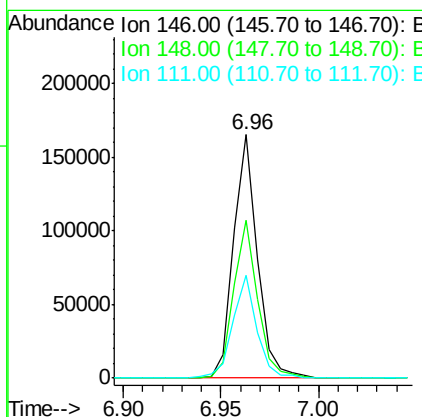
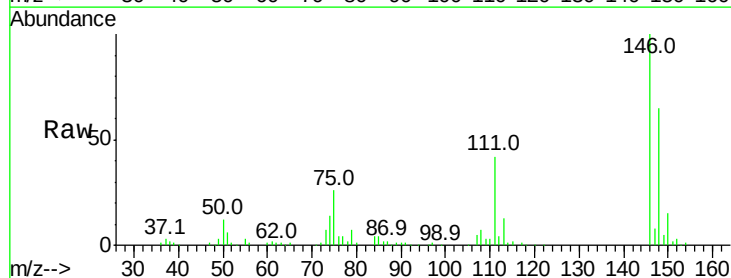
Manual Integrations  
 APPROVED

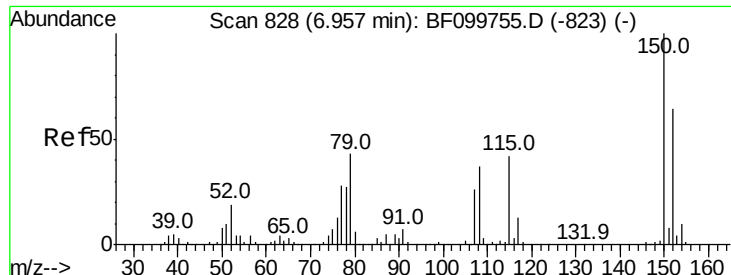
Sohil  
 10/27/2017 8:59:26 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 29.791 ng  
 RT: 6.96 min Scan# 829  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 50.6  | 75.8  |
| 111     | 42.5  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 30.451 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

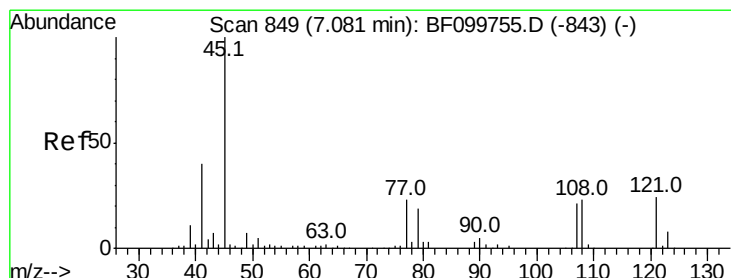
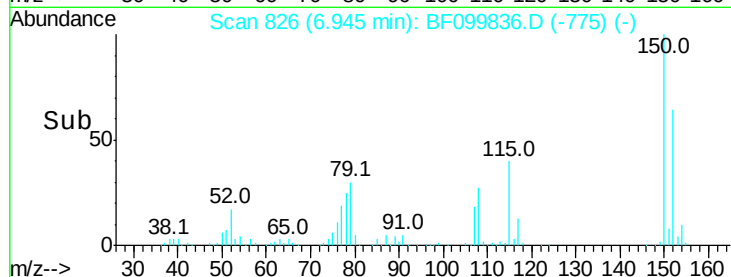
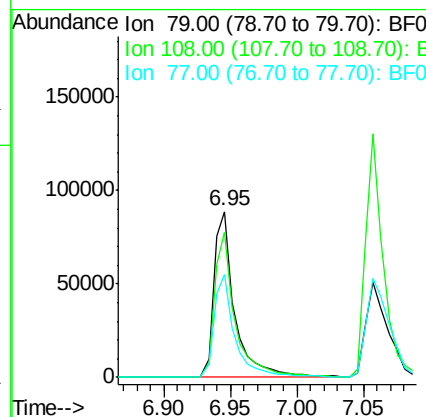
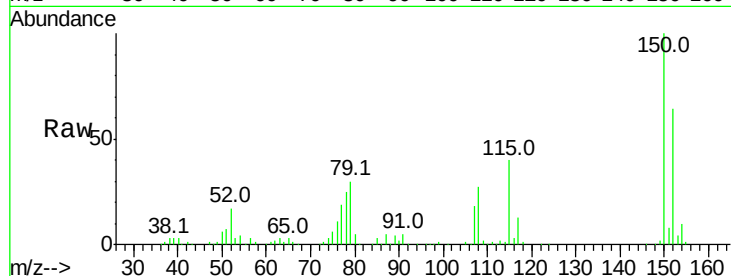
ClientSampleId :

PB103631BSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 97621 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 87.1  | 65.1  | 97.7  |
| 77        | 62.1  | 50.6  | 75.8  |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.200 ng

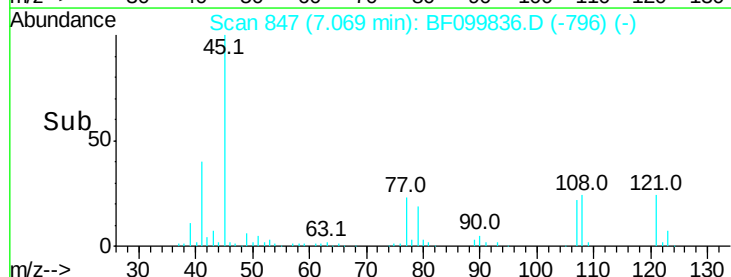
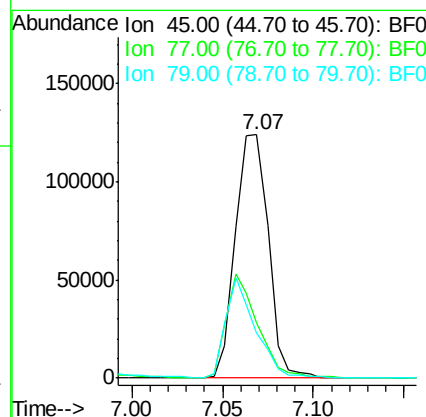
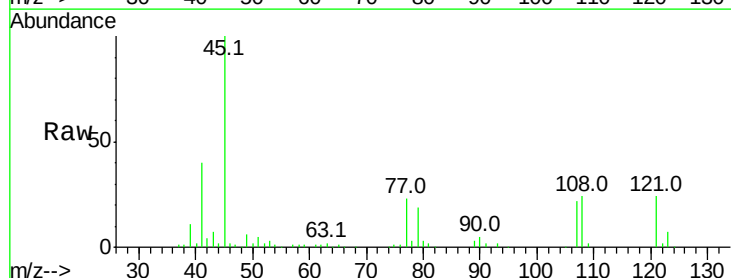
RT: 7.07 min Scan# 847

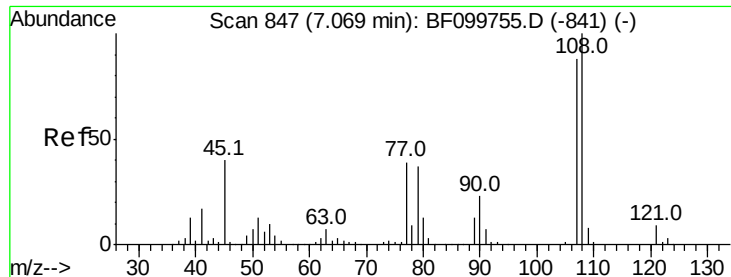
Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 157621 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 22.5  | 0.0   | 32.9   |
| 79        | 18.6  | 0.0   | 29.6   |





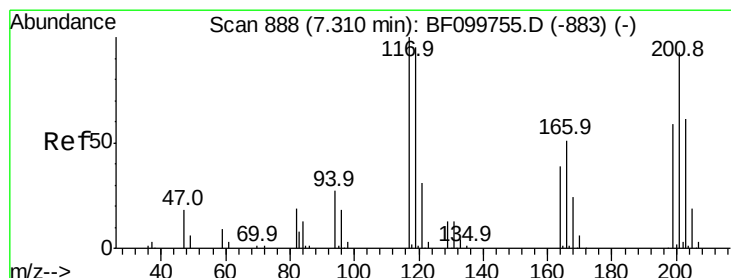
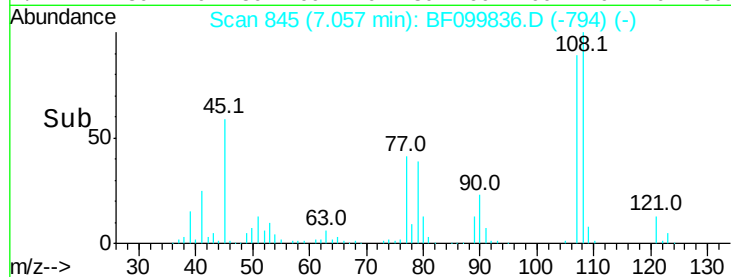
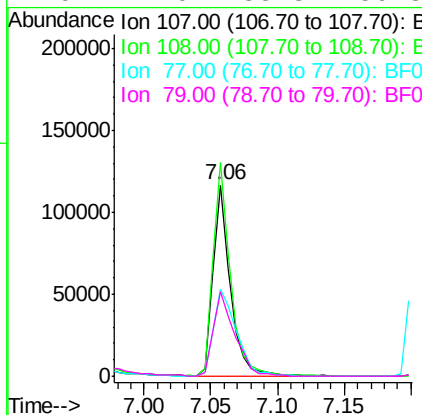
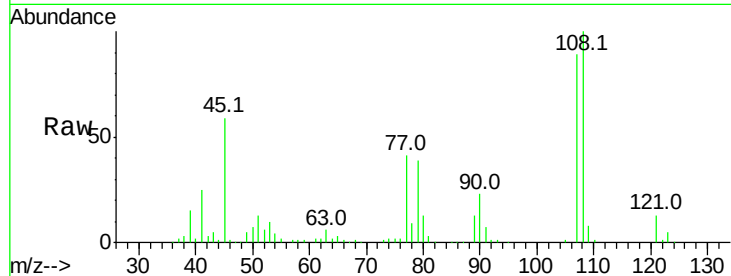
#17  
2-Methylphenol  
Concen: 28.392 ng  
RT: 7.06 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.8 | 91.7 | 137.5 |       |
| 77      | 45.3  | 33.8 | 50.8  |       |
| 79      | 44.0  | 33.8 | 50.8  |       |

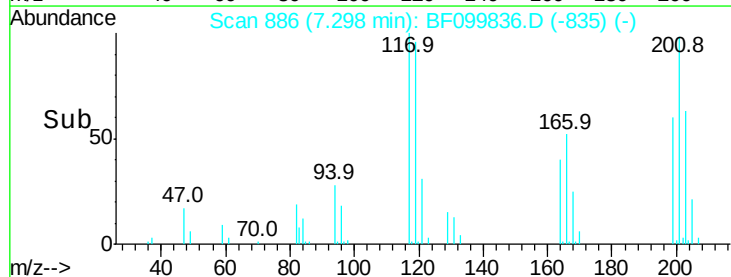
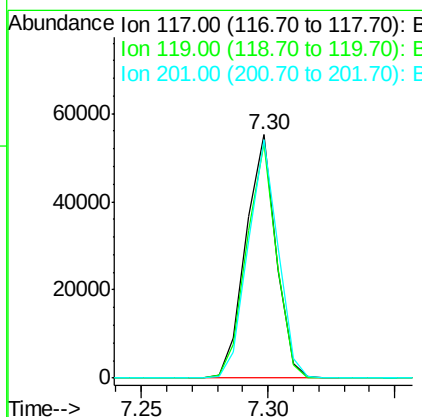
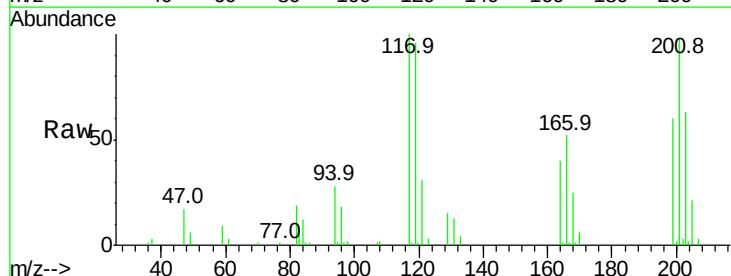
Manual Integrations  
APPROVED

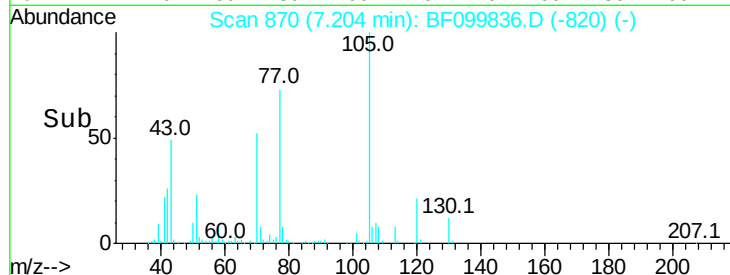
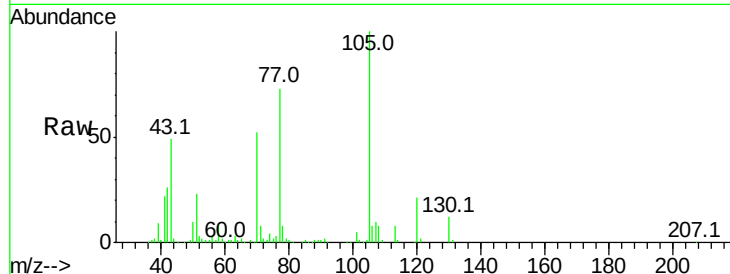
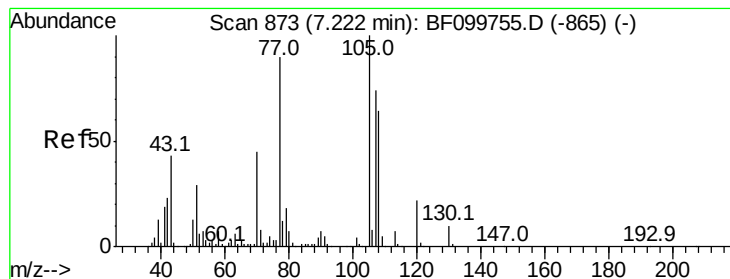
Sohil  
10/27/2017 8:59:26 AM



#18  
Hexachloroethane  
Concen: 26.609 ng  
RT: 7.30 min Scan# 886  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.2  | 75.8 | 113.8 |       |
| 201     | 98.2  | 75.7 | 113.5 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 28.724 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

ClientSampleId :

PB103631BSD

Tot Ion: 70 Resp: 84851

Ion Ratio Lower Upper

70 100

42 50.6 47.5 71.3

101 9.9 7.4 11.2

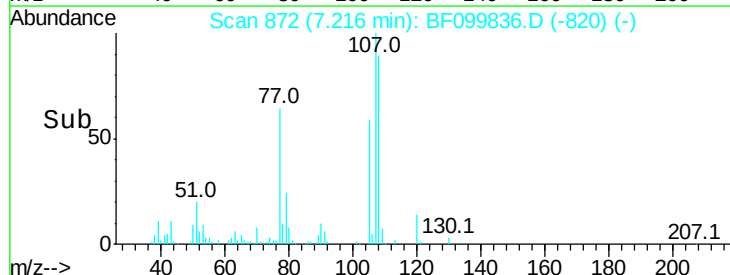
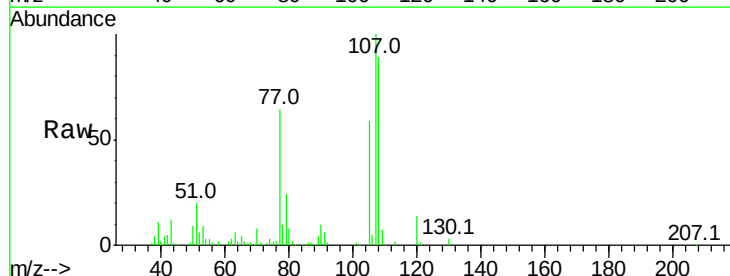
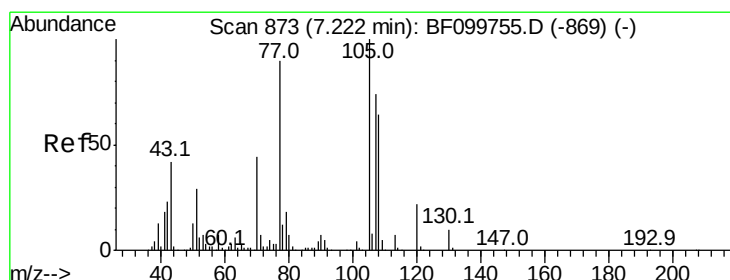
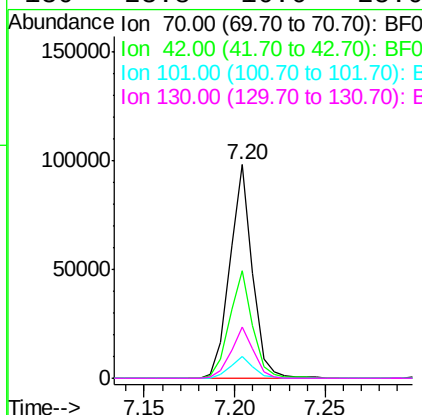
130 23.8 16.6 25.0

Manual Integrations

APPROVED

Sohil

10/27/2017 8:59:26 AM



#20

3+4-Methylphenols

Concen: 32.317 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Tgt Ion: 107 Resp: 142617

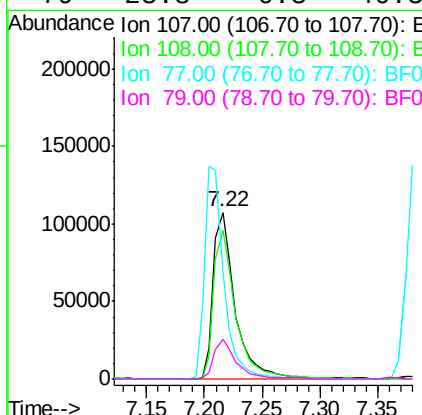
Ion Ratio Lower Upper

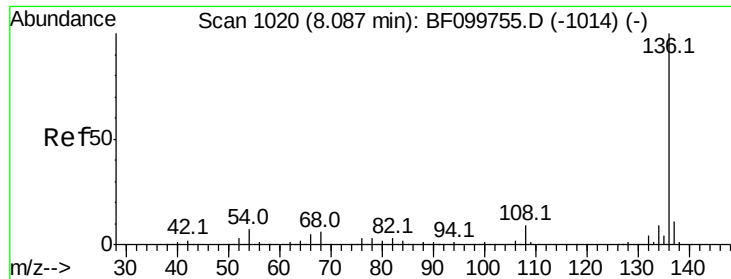
107 100

108 89.4 68.2 108.2

77 63.5 26.7 66.7

79 23.8 6.3 46.3





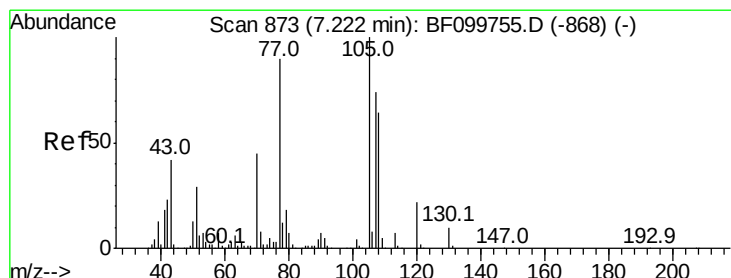
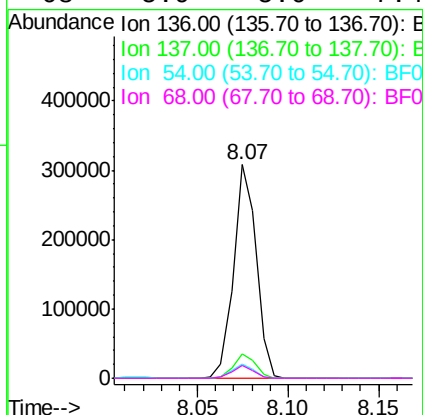
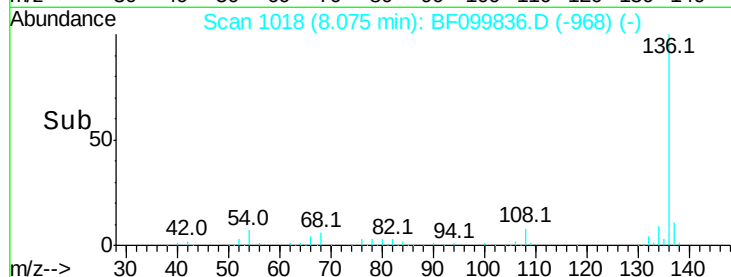
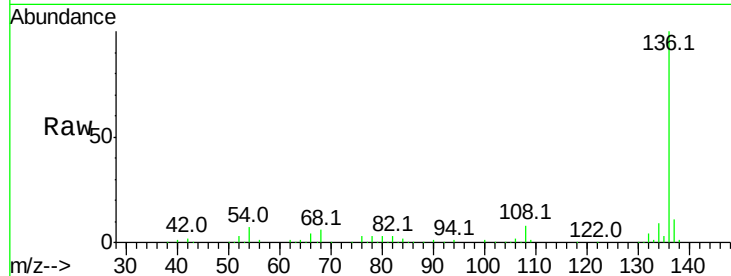
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.07 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.4  | 8.9  | 13.3  |       |
| 54      | 6.8   | 6.6  | 9.8   |       |
| 68      | 5.9   | 5.0  | 7.4   |       |

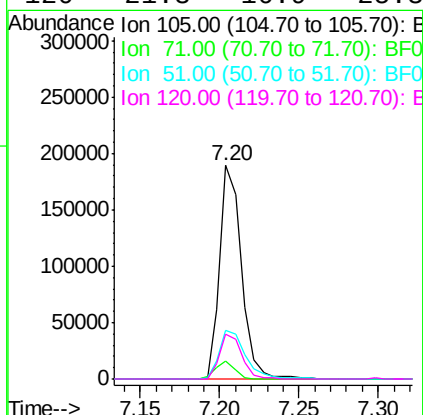
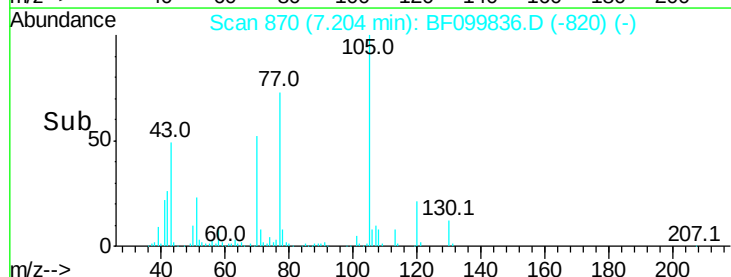
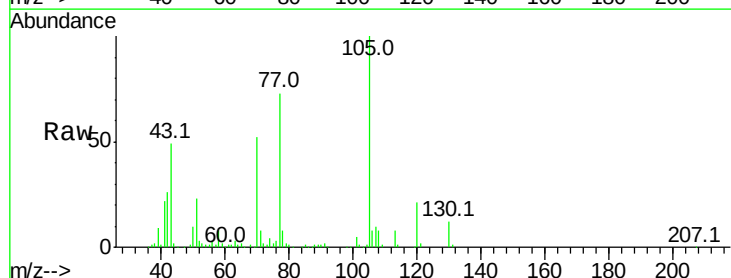
Manual Integrations  
APPROVED

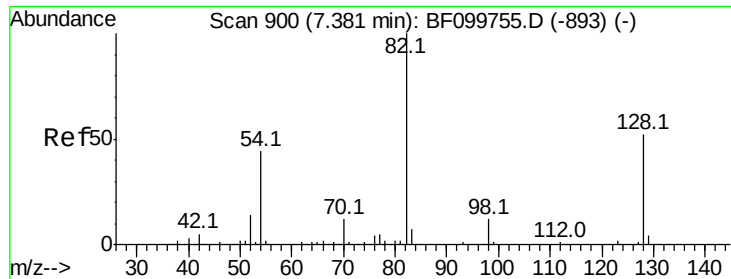
Sohil  
10/27/2017 8:59:26 AM



#22  
Acetophenone  
Concen: 29.433 ng  
RT: 7.20 min Scan# 870  
Delta R.T. -0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 8.3   | 4.4  | 6.6#  |       |
| 51      | 22.7  | 22.3 | 33.5  |       |
| 120     | 21.3  | 16.9 | 25.3  |       |





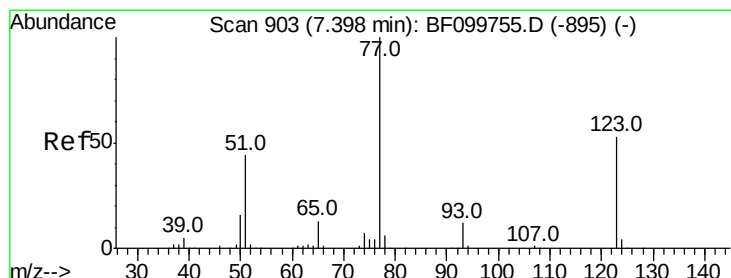
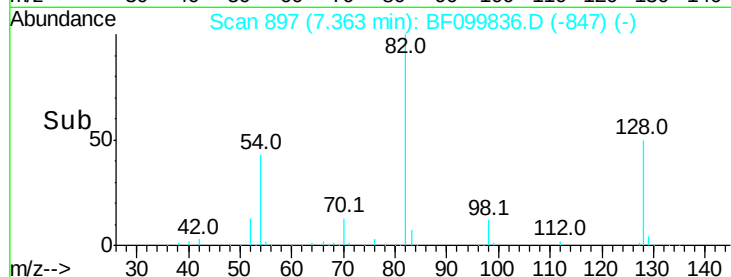
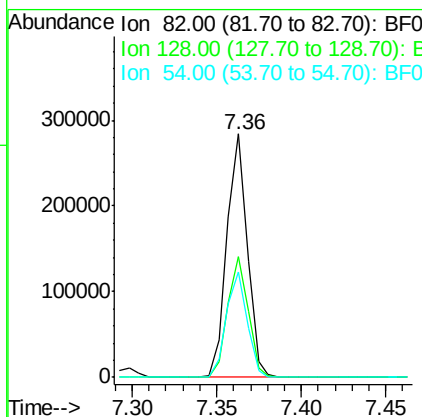
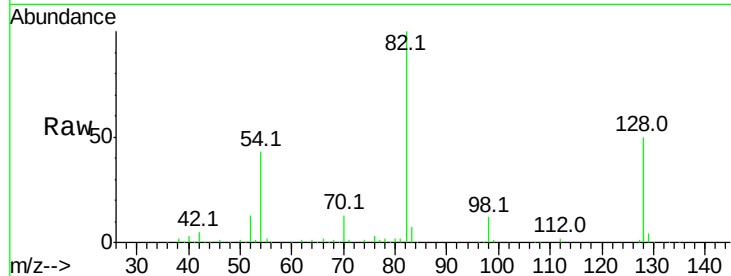
#23  
 Nitrobenzene-d5  
 Concen: 57.258 ng  
 RT: 7.36 min Scan# 897  
 Delta R.T. -0.01 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 49.7  | 36.1       | 54.1  |
| 54      | 43.4  | 41.4       | 62.2  |

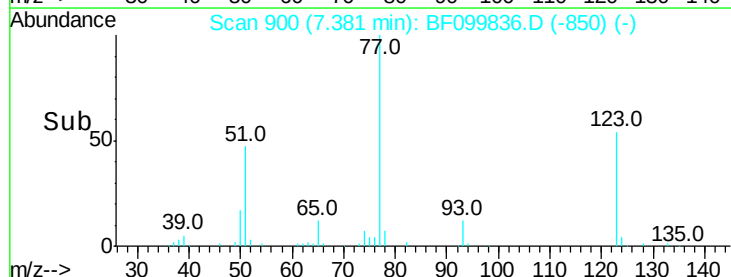
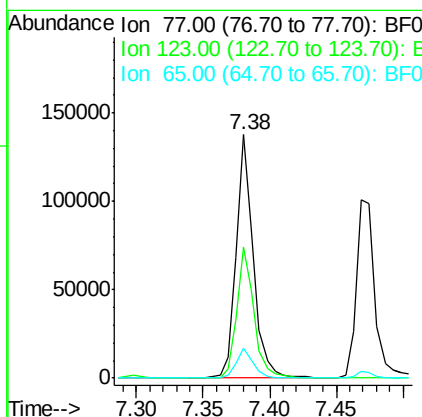
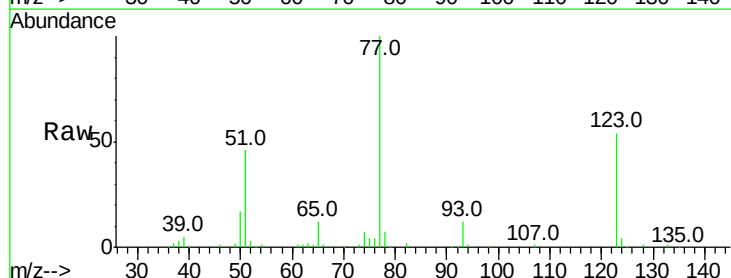
Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:59:26 AM

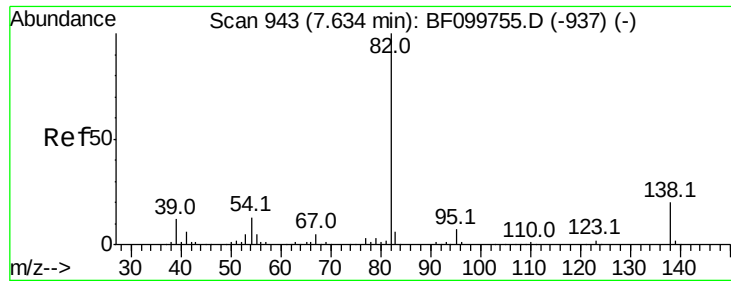


#24  
 Nitrobenzene  
 Concen: 29.580 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. -0.01 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 77      | 100   |            |       |
| 123     | 53.8  | 37.9       | 56.9  |
| 65      | 12.3  | 11.0       | 16.4  |







#25

Isophorone

Concen: 30.337 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

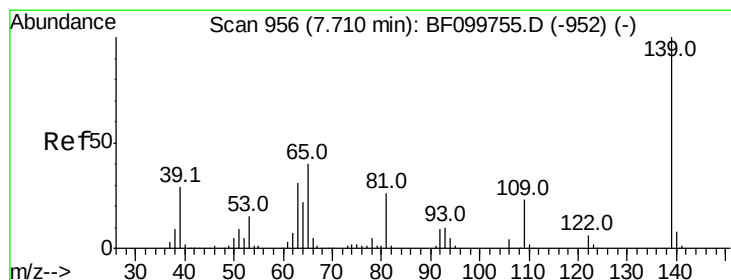
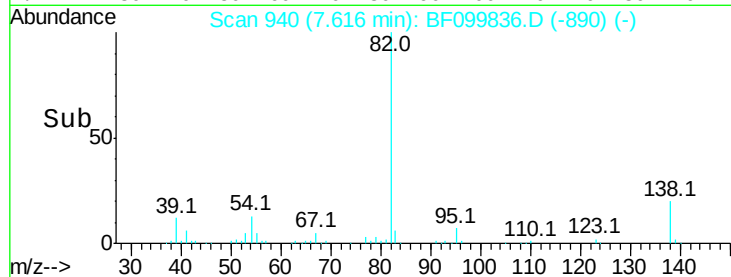
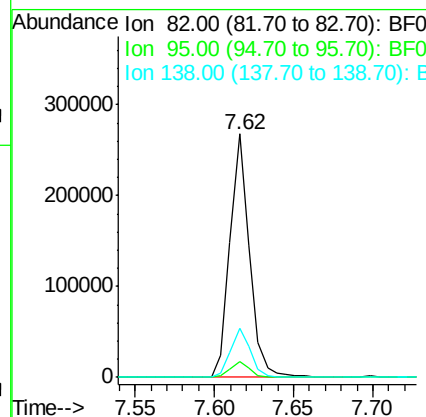
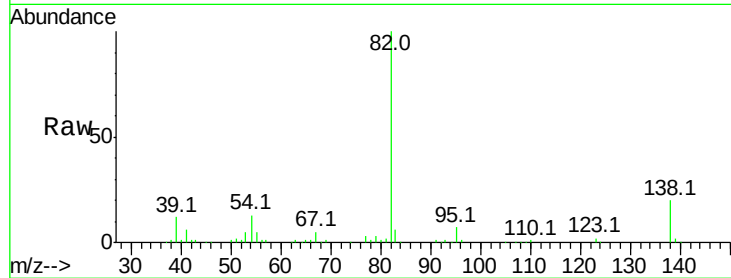
ClientSampleId :

PB103631BSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 229525 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.5  | 5.2   | 7.8    |
| 138       | 20.0 | 14.9  | 22.3   |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM



#26

2-Nitrophenol

Concen: 28.649 ng

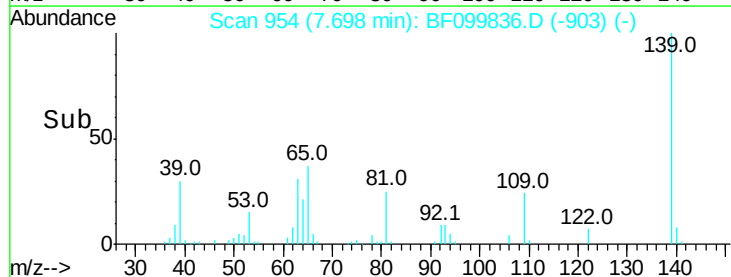
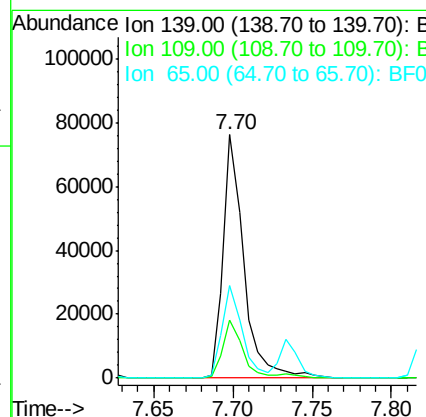
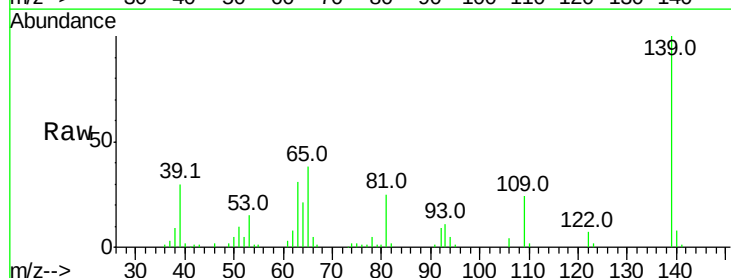
RT: 7.70 min Scan# 954

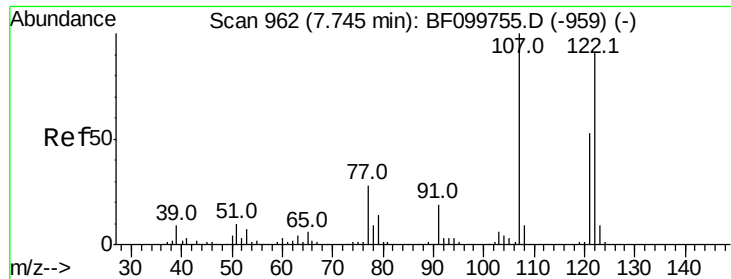
Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 68934 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 23.7 | 22.7  | 34.1  |
| 65        | 38.2 | 40.5  | 60.7# |





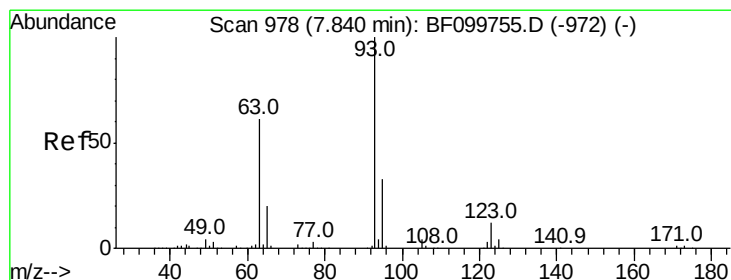
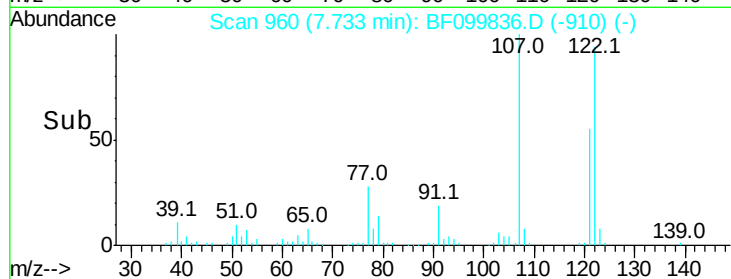
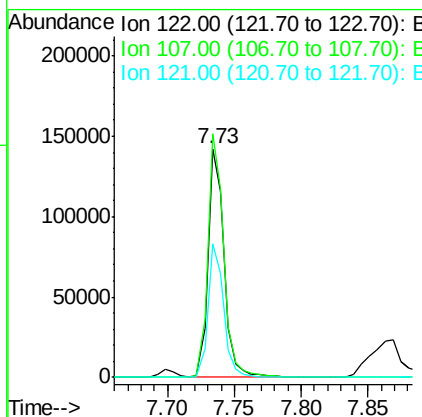
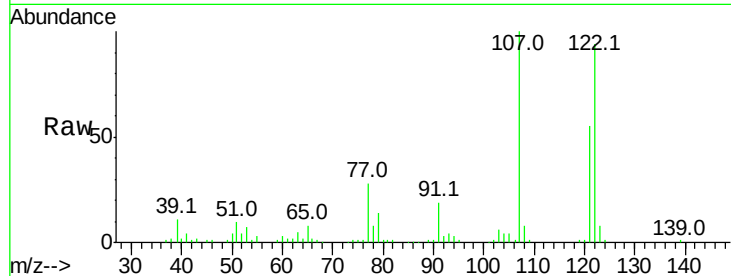
#27  
2,4-Dimethylphenol  
Concen: 33.968 ng  
RT: 7.73 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 106.6 | 91.2  | 136.8 |
| 121     | 58.3  | 47.2  | 70.8  |

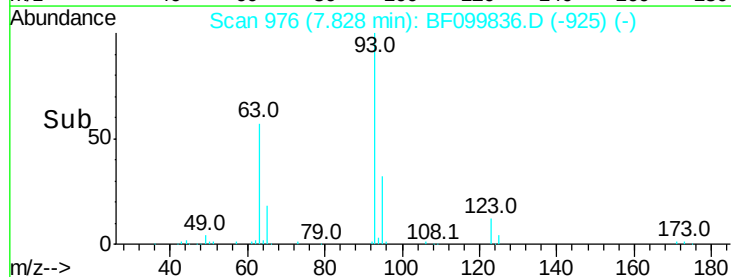
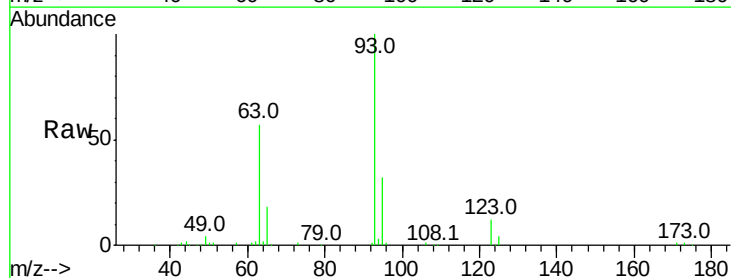
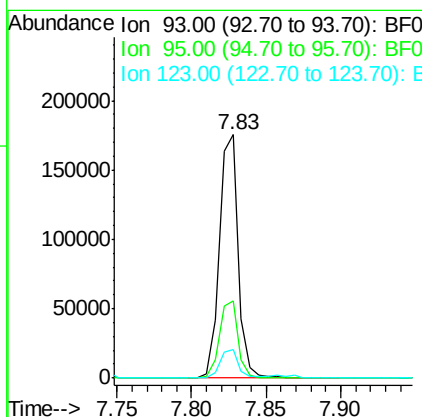
Manual Integrations  
APPROVED

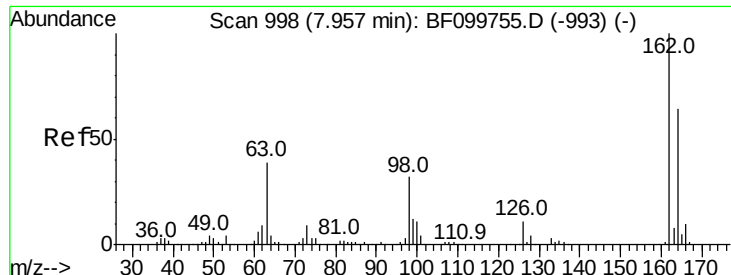
Sohil  
10/27/2017 8:59:26 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 29.333 ng  
RT: 7.83 min Scan# 976  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.7  | 26.3  | 39.5  |
| 123     | 11.9  | 9.8   | 14.6  |





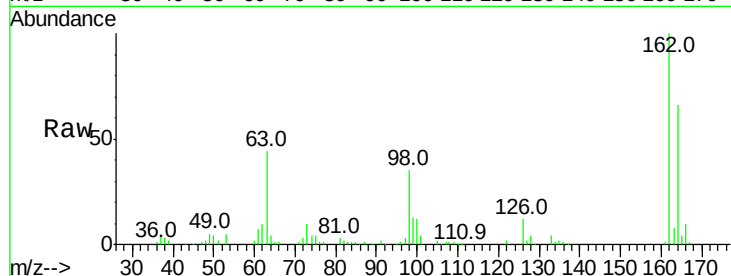
#29  
2,4-Dichlorophenol  
Concen: 29.943 ng  
RT: 7.95 min Scan# 996  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampled :  
PB103631BSD

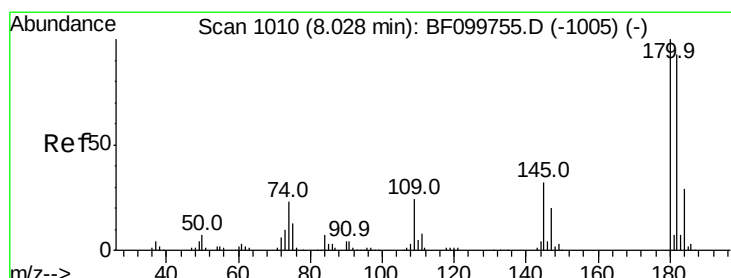
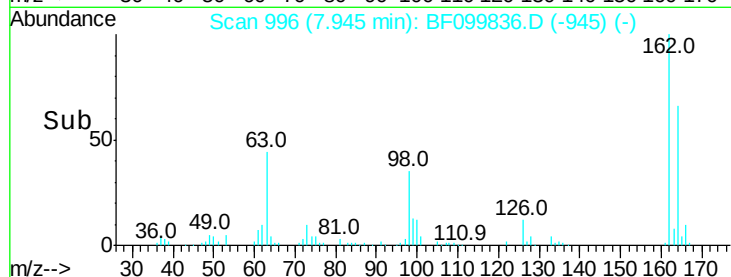
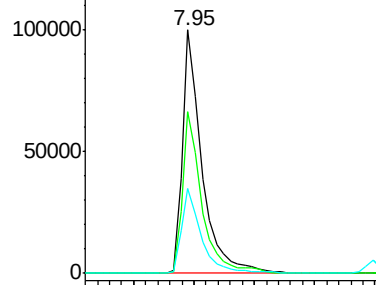
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 66.5  | 42.7       | 82.7  |
| 98      | 34.9  | 18.1       | 58.1  |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM

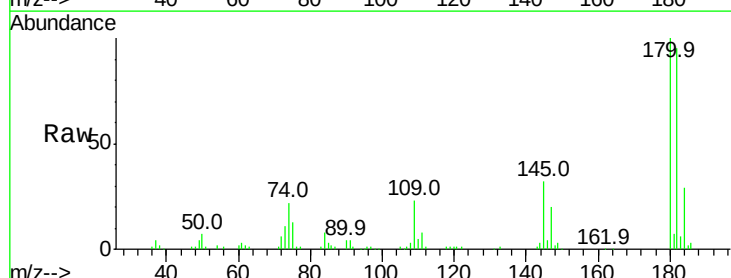


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): E

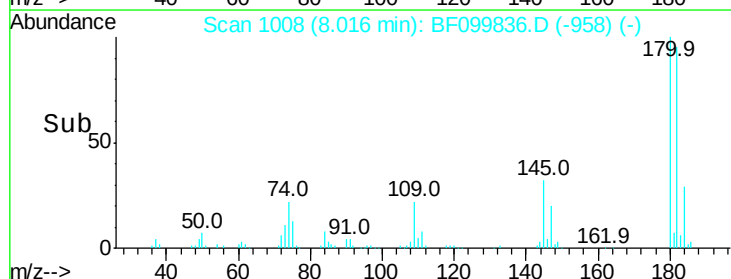
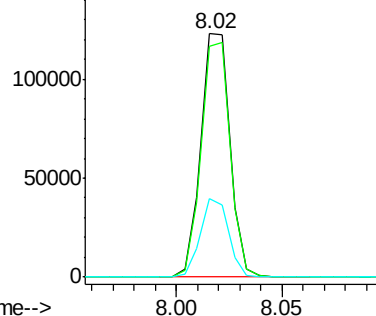


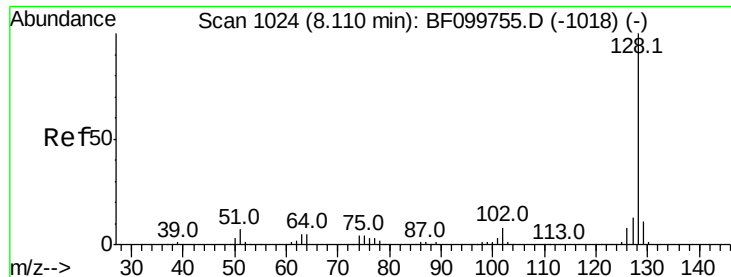
#30  
1,2,4-Trichlorobenzene  
Concen: 29.681 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 94.9  | 76.8       | 115.2 |
| 145     | 32.2  | 26.5       | 39.7  |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





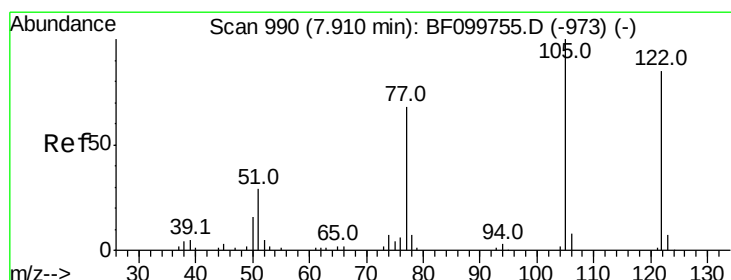
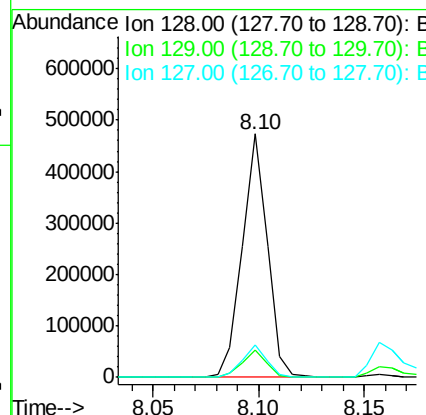
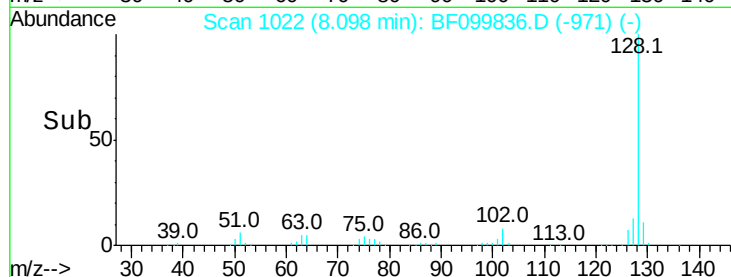
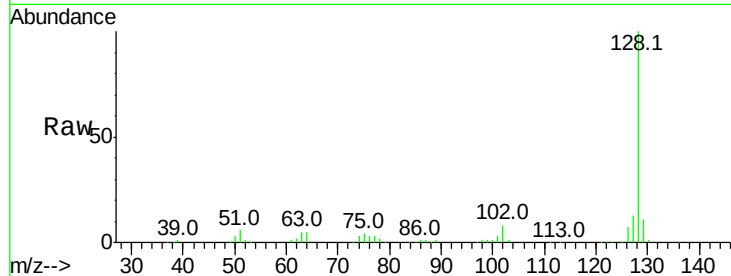
#31  
Naphthalene  
Concen: 29.905 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.8   | 13.2  |
| 127     | 13.1  | 10.9  | 16.3  |

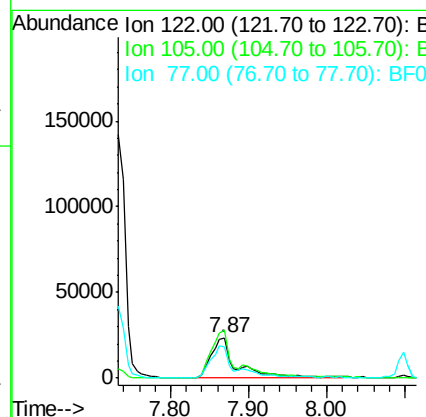
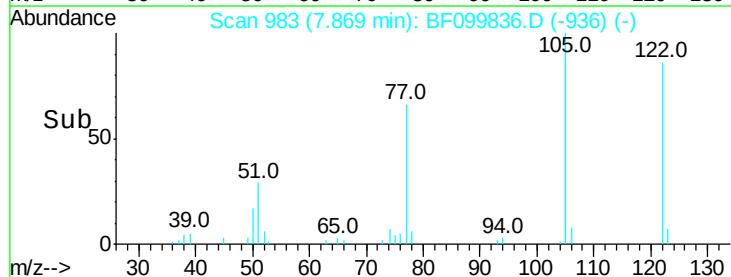
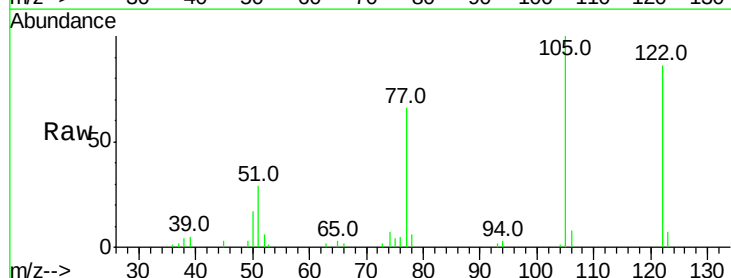
Manual Integrations  
APPROVED

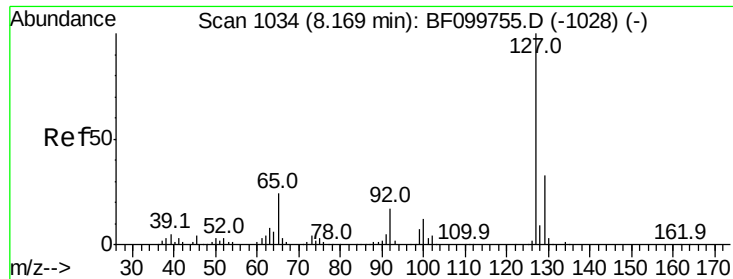
Sohil  
10/27/2017 8:59:26 AM



#32  
Benzoic acid  
Concen: 17.455 ng m  
RT: 7.87 min Scan# 983  
Delta R.T. -0.02 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 116.3 | 101.1 | 141.1 |
| 77      | 77.1  | 70.7  | 110.7 |





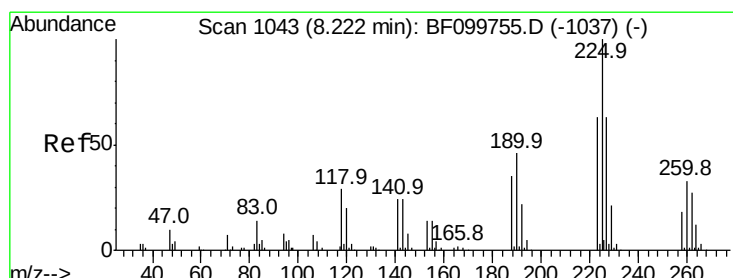
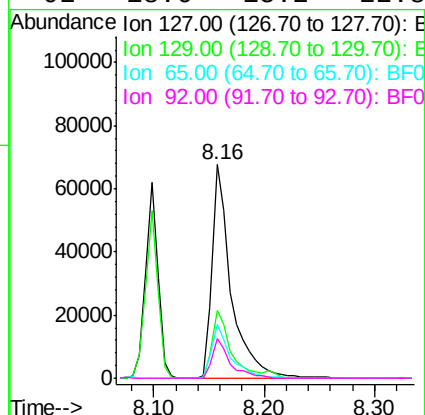
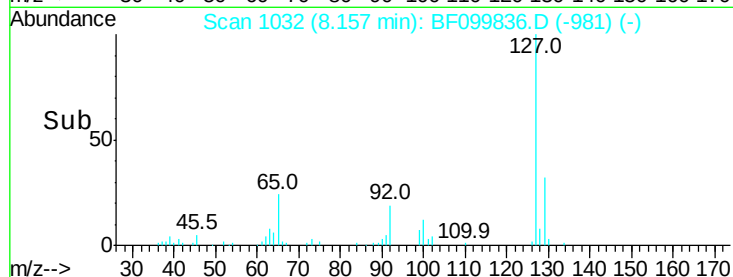
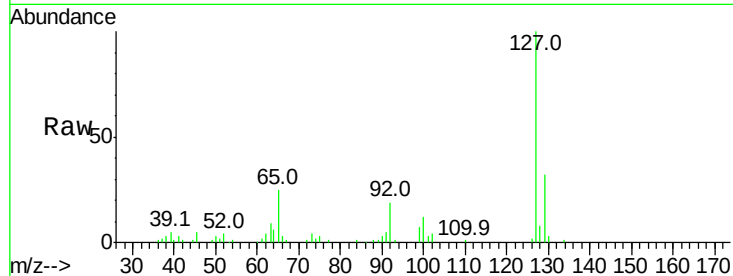
#33  
4-Chloroaniline  
Concen: 14.987 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 31.5  | 25.9       | 38.9  |
| 65      | 25.3  | 25.0       | 37.4  |
| 92      | 18.6  | 15.2       | 22.8  |

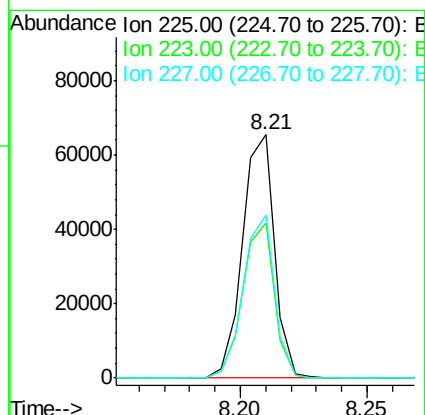
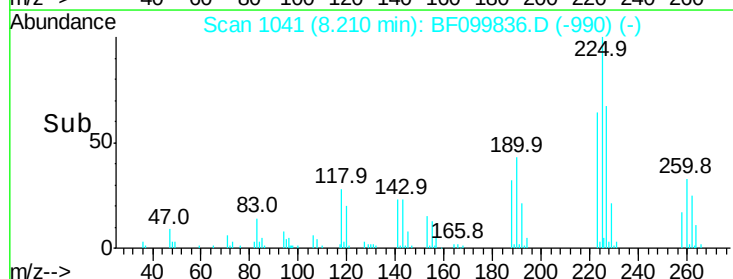
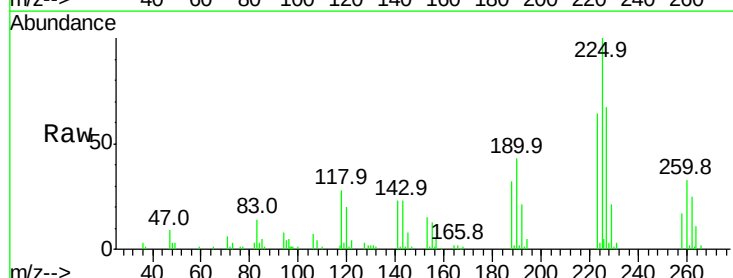
Manual Integrations  
APPROVED

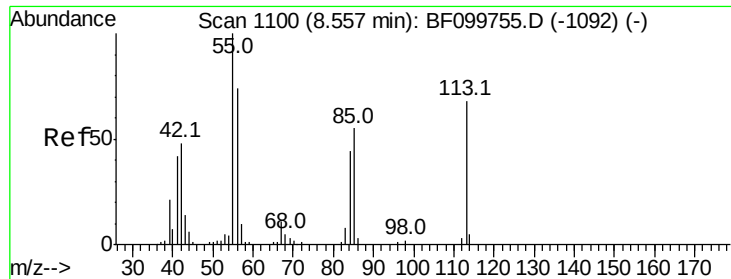
Sohil  
10/27/2017 8:59:26 AM



#34  
Hexachlorobutadiene  
Concen: 28.338 ng  
RT: 8.21 min Scan# 1041  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 63.9  | 50.6       | 76.0  |
| 227     | 67.2  | 51.9       | 77.9  |





#35

Caprolactam

Concen: 29.841 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

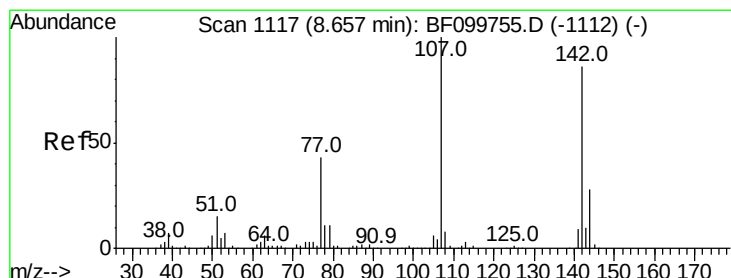
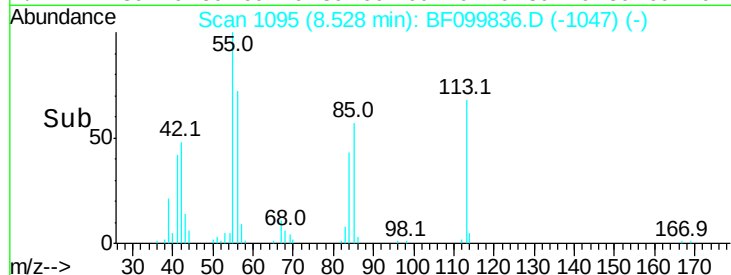
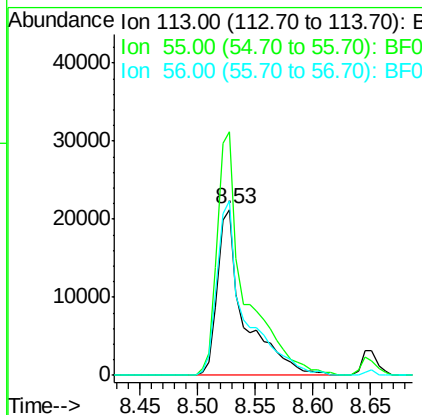
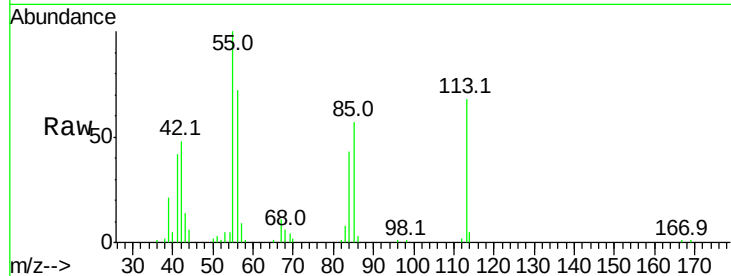
ClientSampled :

PB103631BSD

Tot Ion:113 Resp: 34562  
 Ion Ratio Lower Upper  
 113 100  
 55 146.8 163.3 203.3#  
 56 105.0 115.7 155.7#

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:59:26 AM



#36

4-Chloro-3-methylphenol

Concen: 29.303 ng

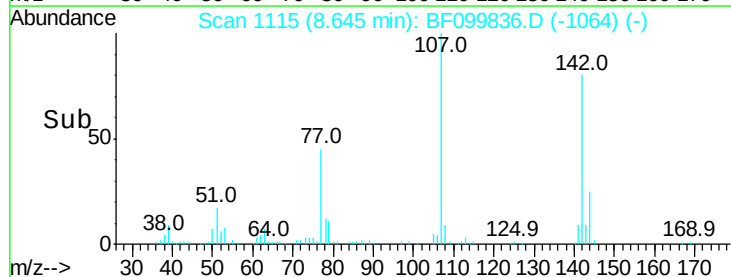
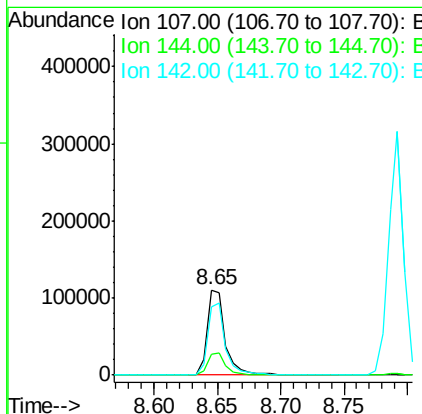
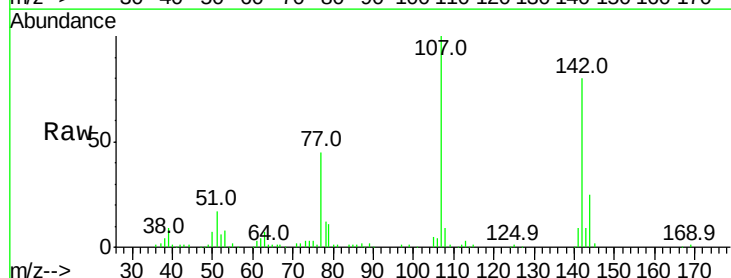
RT: 8.65 min Scan# 1115

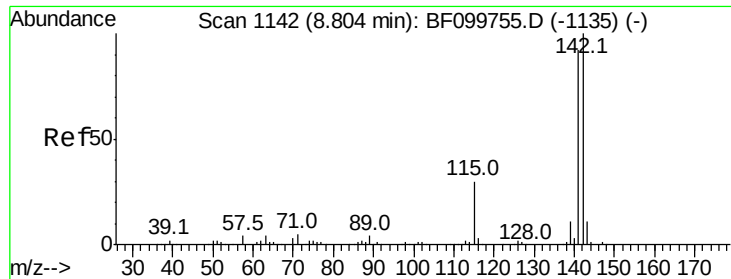
Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Tgt Ion:107 Resp: 110151  
 Ion Ratio Lower Upper  
 107 100  
 144 24.9 20.5 30.7  
 142 79.8 62.0 93.0





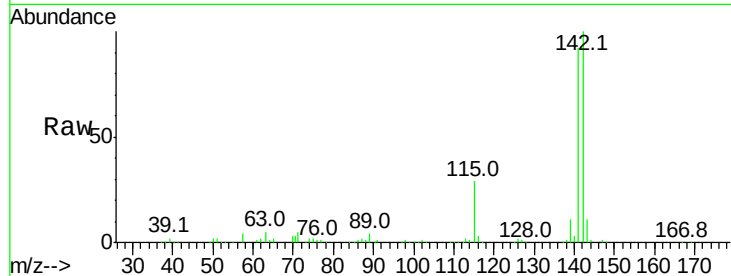
#37  
2-Methylnaphthalene  
Concen: 30.347 ng  
RT: 8.79 min Scan# 1140  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.8  | 70.8  | 106.2 |
| 115     | 29.0  | 26.1  | 39.1  |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM

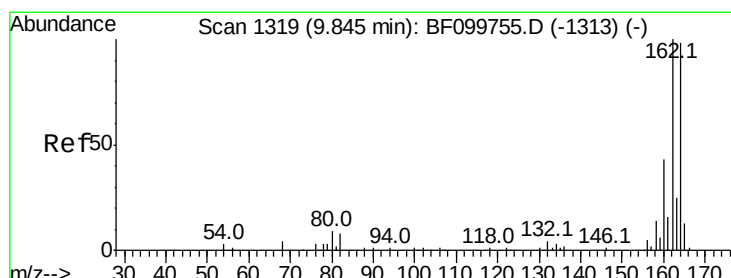
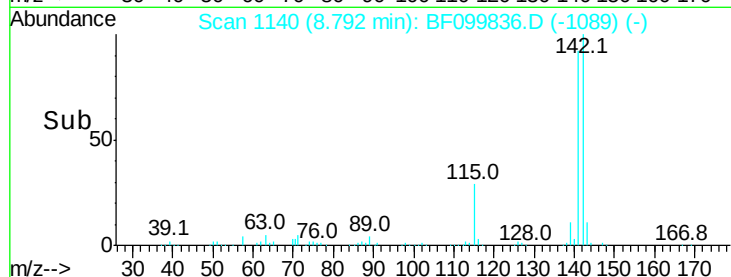
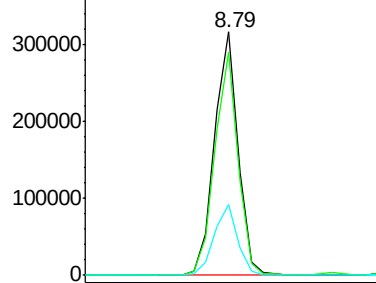


Abundance

Ion 142.00 (141.70 to 142.70): E

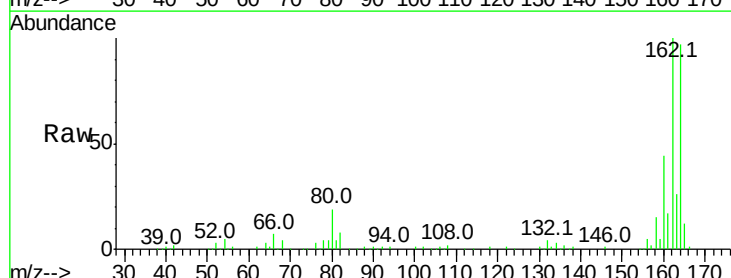
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.84 min Scan# 1318  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.8 | 86.1  | 129.1 |
| 160     | 45.0  | 38.3  | 57.5  |

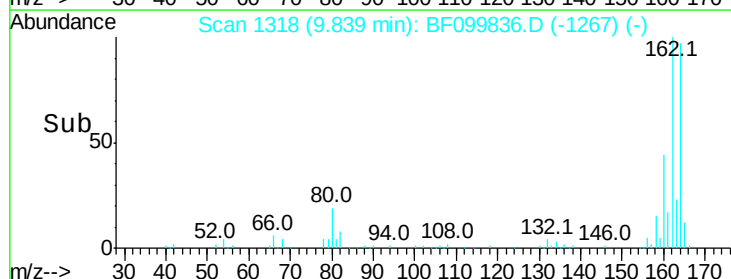
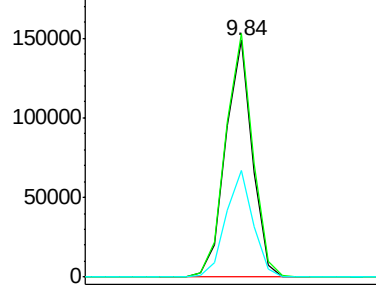


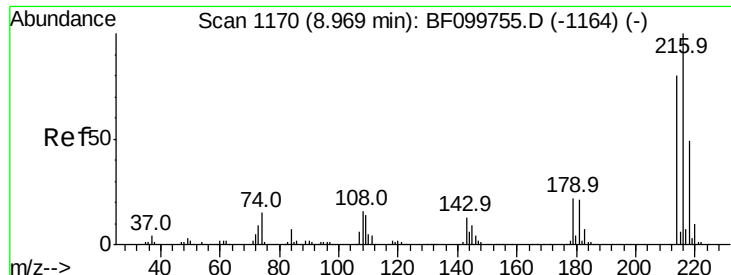
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





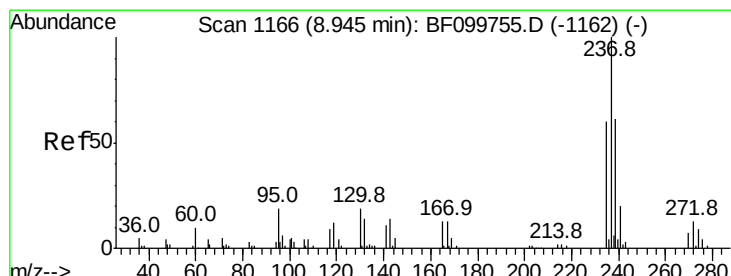
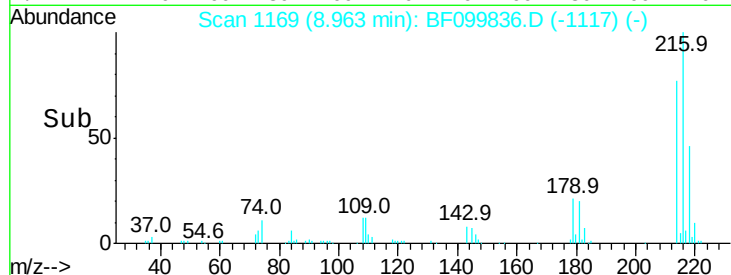
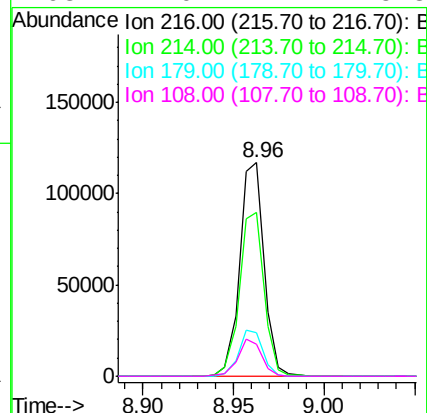
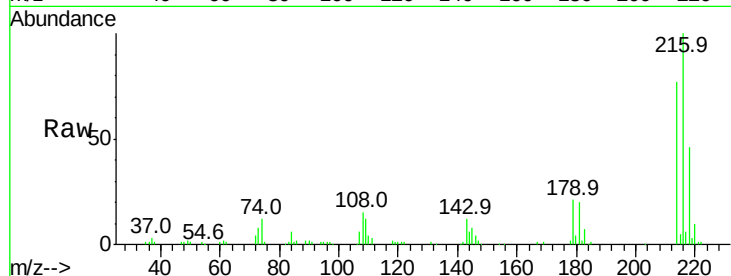
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 28.326 ng  
 RT: 8.96 min Scan# 1169  
 Delta R.T. 0.01 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 77.7  | 63.0       | 94.4  |
| 179     | 21.4  | 18.1       | 27.1  |
| 108     | 17.0  | 17.2       | 25.8# |

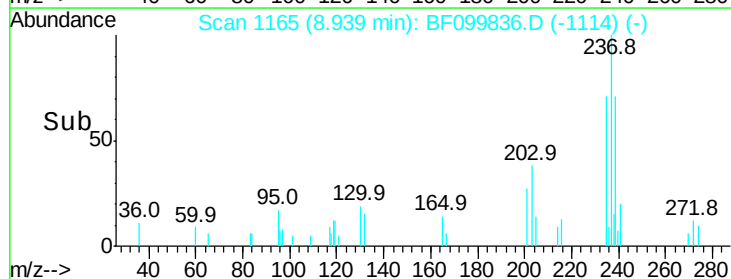
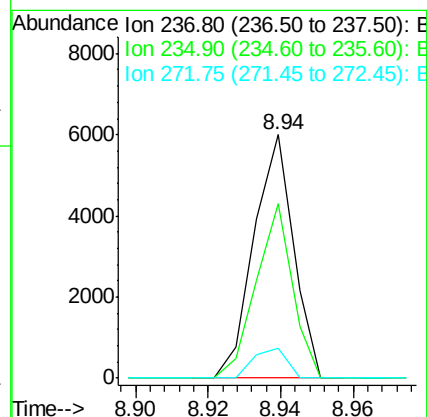
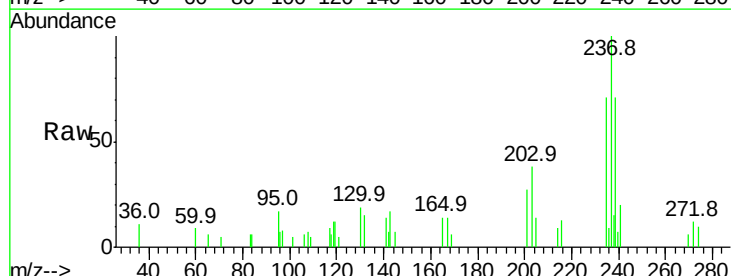
Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:59:26 AM

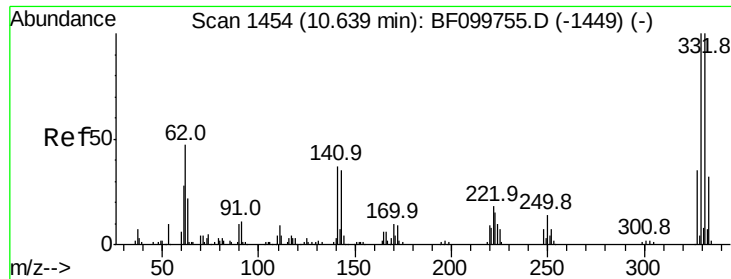


#40  
 Hexachlorocyclopentadiene  
 Concen: 16.787 ng  
 RT: 8.94 min Scan# 1165  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 71.4  | 44.8       | 84.8  |
| 272     | 12.5  | 0.0        | 33.3  |







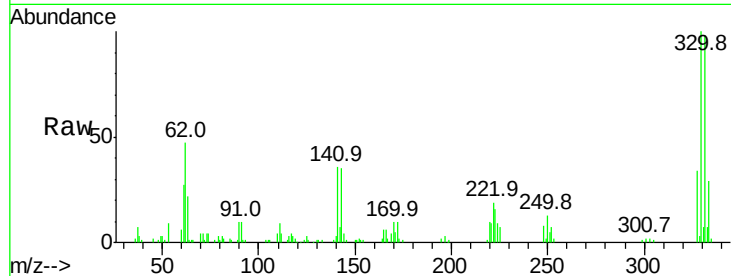
#41  
 2,4,6-Tribromophenol  
 Concen: 57.044 ng  
 RT: 10.63 min Scan# 1453  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 97.7  | 77.0 | 115.6 |       |
| 141     | 35.4  | 29.9 | 44.9  |       |

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:59:26 AM

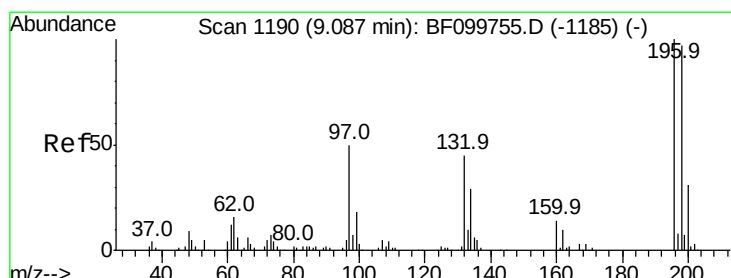
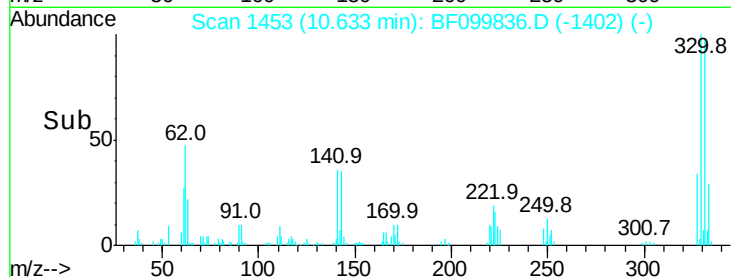
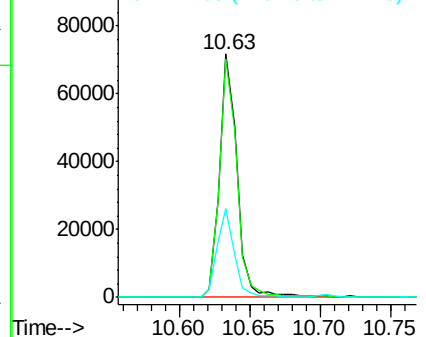


Abundance

Ion 329.80 (329.50 to 330.50): E

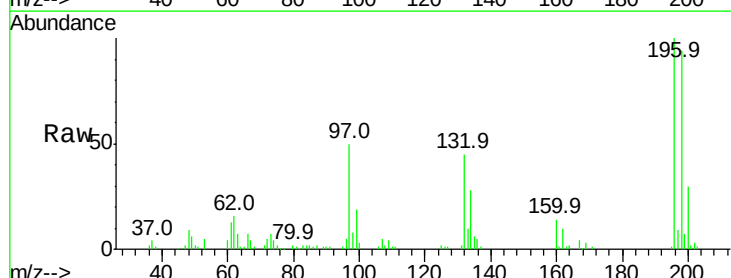
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 30.184 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 94.4  | 75.7 | 113.5 |       |
| 200     | 29.8  | 24.5 | 36.7  |       |

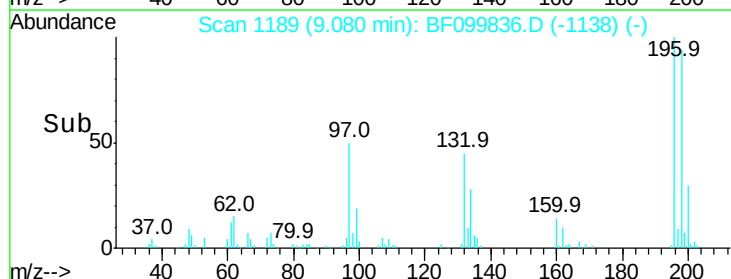
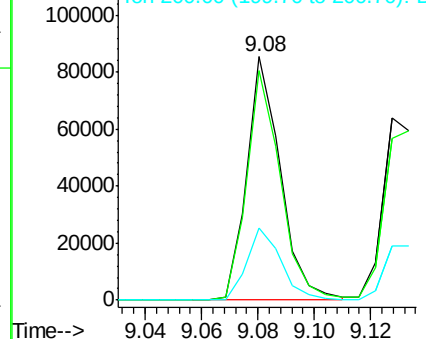


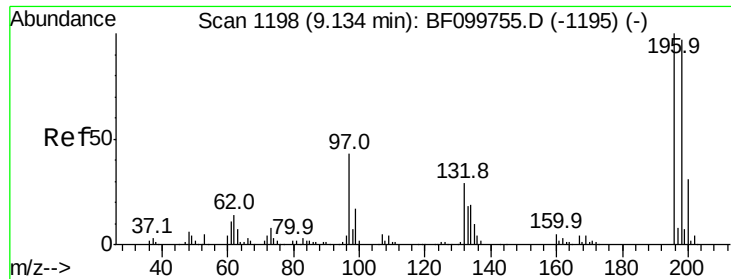
Abundance

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





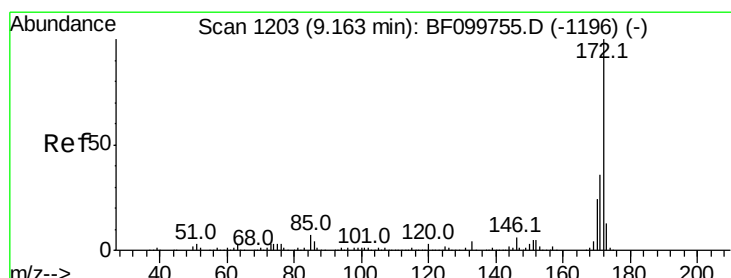
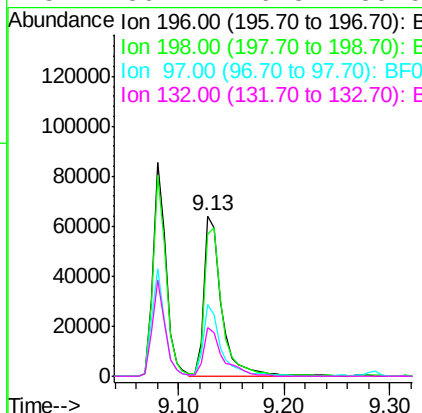
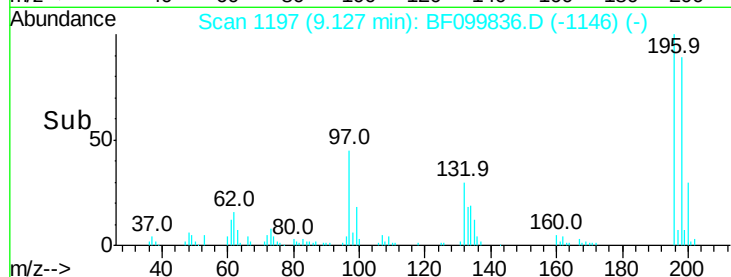
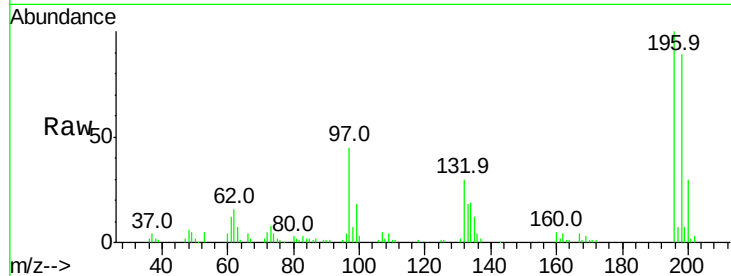
#43  
 2,4,5-Trichlorophenol  
 Concen: 30.161 ng  
 RT: 9.13 min Scan# 1197  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 75015 |       |       |
| 198     | 88.6  |       | 74.6  | 112.0 |
| 97      | 45.2  |       | 42.9  | 64.3  |
| 132     | 30.2  |       | 26.3  | 39.5  |

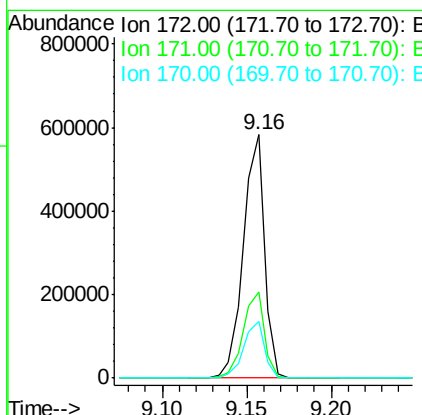
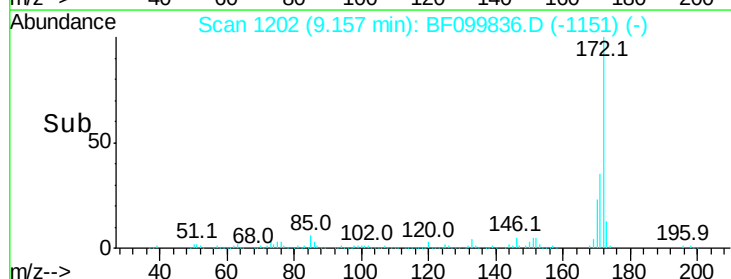
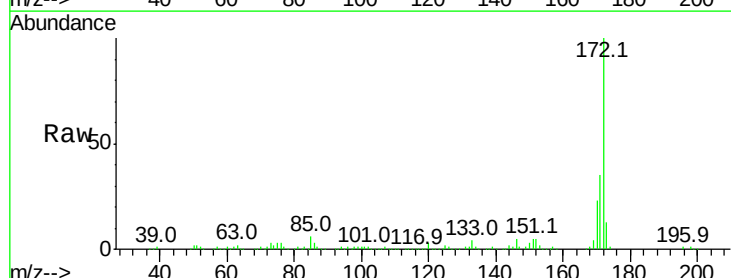
Manual Integrations  
 APPROVED

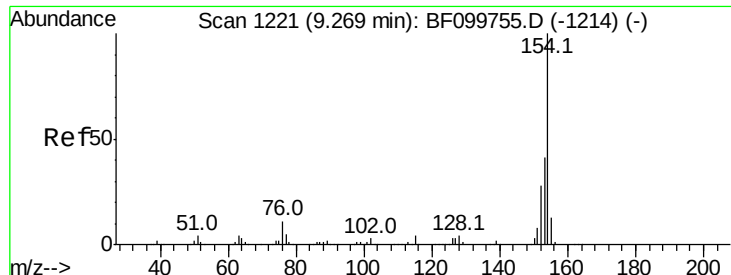
Sohil  
 10/27/2017 8:59:26 AM



#44  
 2-Fluorobiphenyl  
 Concen: 65.830 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 511885 |       |       |
| 171     | 35.2  |        | 29.7  | 44.5  |
| 170     | 23.1  |        | 19.6  | 29.4  |





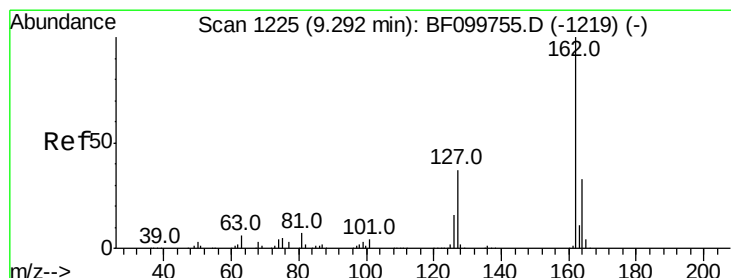
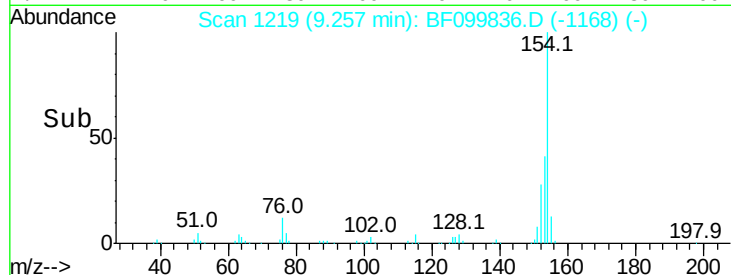
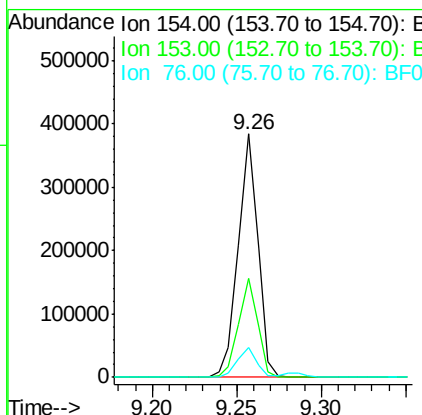
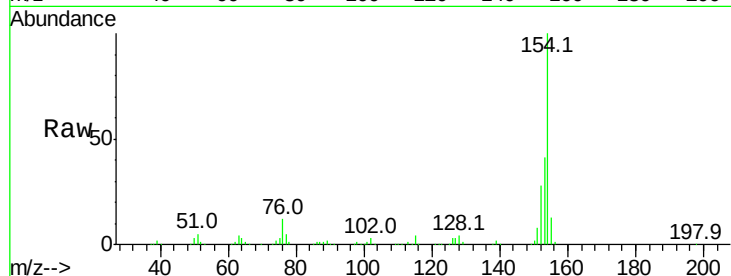
#45  
 1,1'-Biphenyl  
 Concen: 28.693 ng  
 RT: 9.26 min Scan# 1219  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB103631BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 40.9  | 21.3 | 61.3  |       |
| 76      | 12.3  | 0.0  | 34.0  |       |

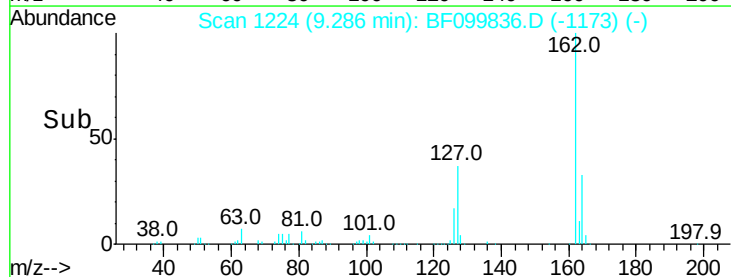
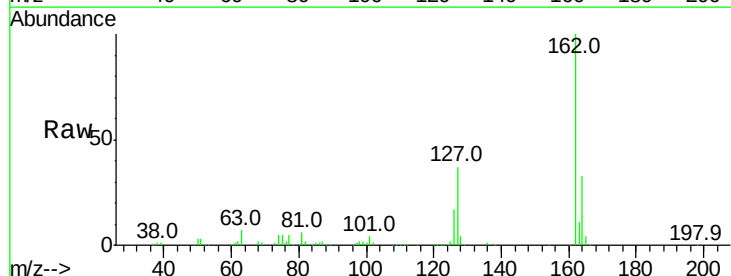
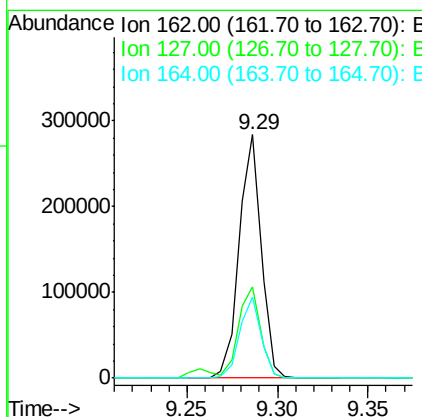
Manual Integrations  
 APPROVED

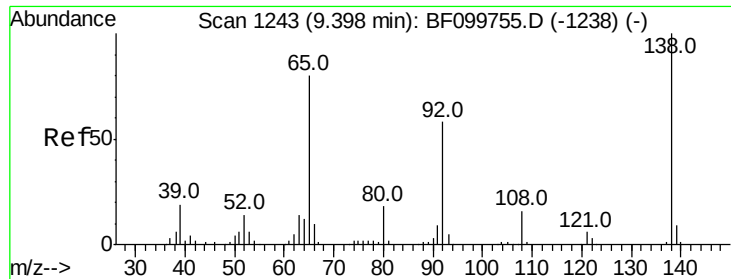
Sohil  
 10/27/2017 8:59:26 AM



#46  
 2-Chloronaphthalene  
 Concen: 30.416 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 37.5  | 33.9 | 50.9  |       |
| 164     | 33.3  | 26.5 | 39.7  |       |





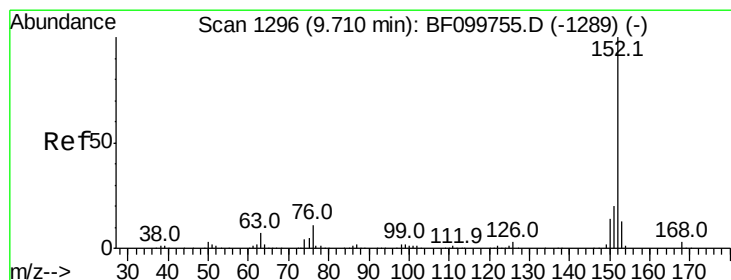
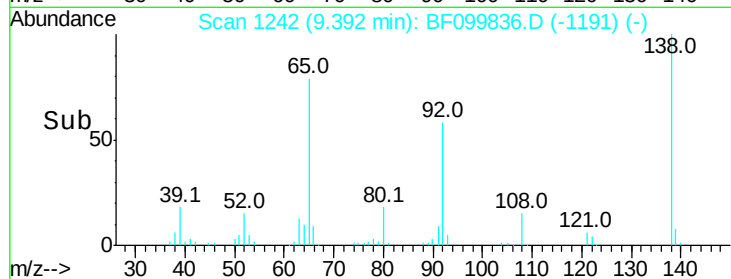
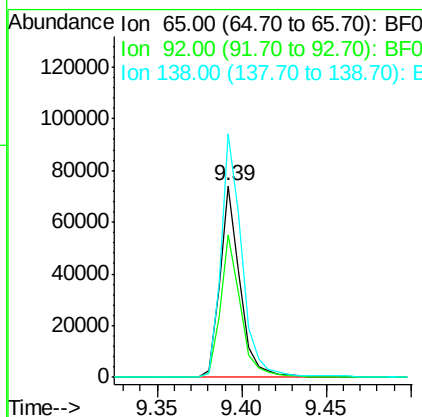
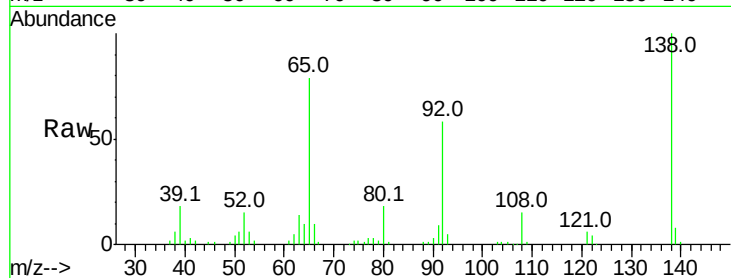
#47  
2-Nitroaniline  
Concen: 29.760 ng  
RT: 9.39 min Scan# 1242  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.2  | 55.8  | 83.6  |
| 138     | 127.2 | 91.2  | 136.8 |

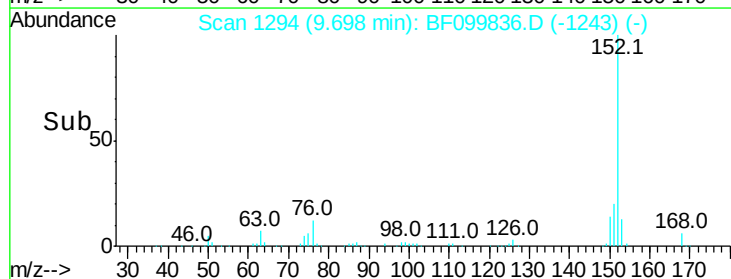
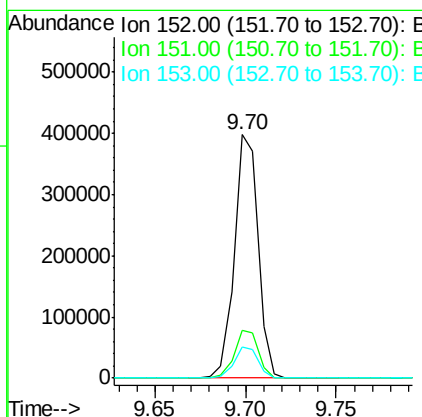
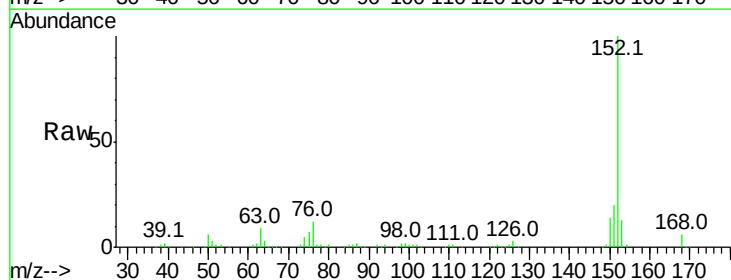
Manual Integrations  
APPROVED

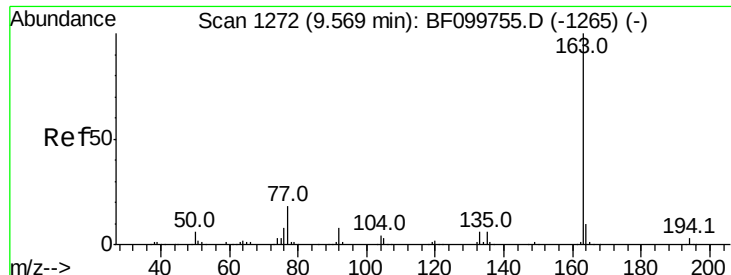
Sohil  
10/27/2017 8:59:26 AM



#48  
Acenaphthylene  
Concen: 29.798 ng  
RT: 9.70 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.8  | 16.3  | 24.5  |
| 153     | 12.9  | 10.7  | 16.1  |





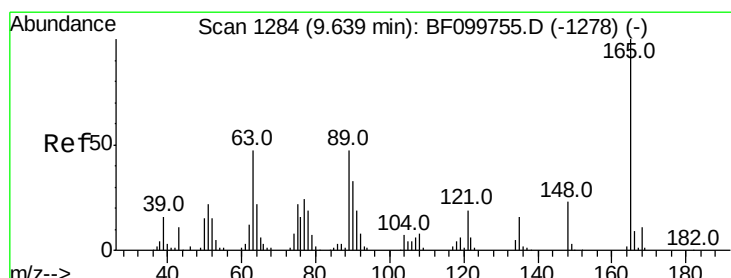
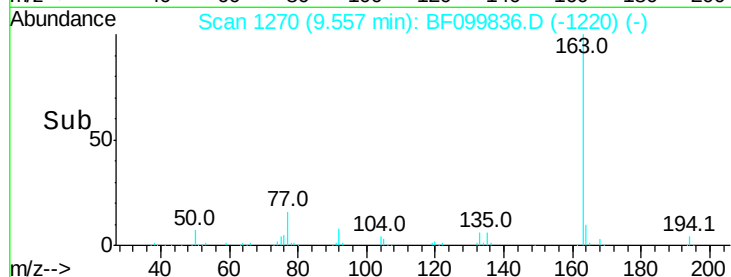
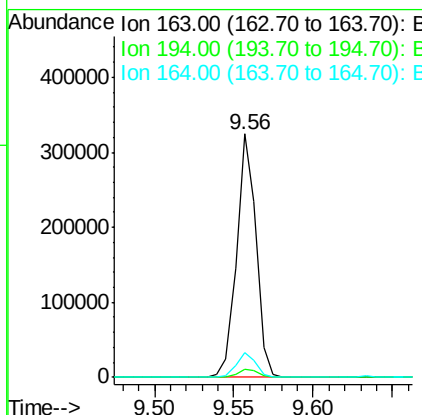
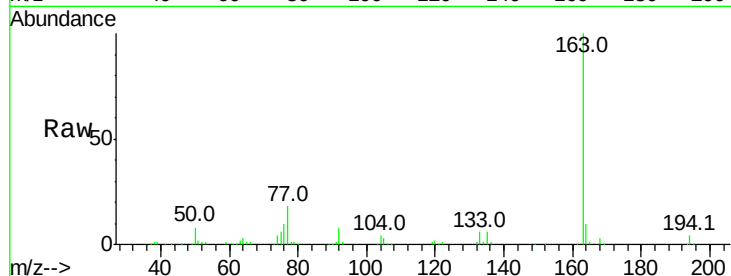
#49  
Dimethylphthalate  
Concen: 28.967 ng  
RT: 9.56 min Scan# 1270  
Delta R.T. -0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 275205 |       |       |
| 194     | 3.5   |        | 2.7   | 4.1   |
| 164     | 10.3  |        | 8.2   | 12.2  |

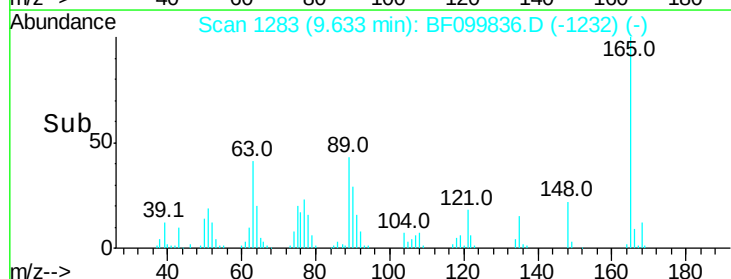
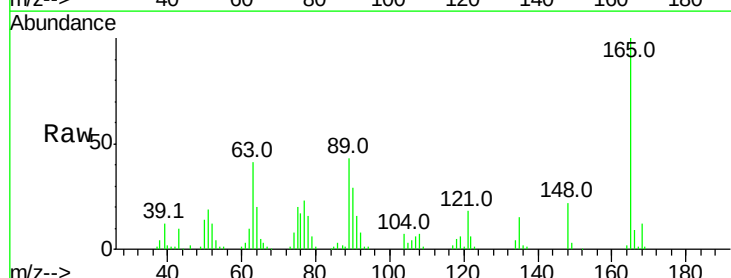
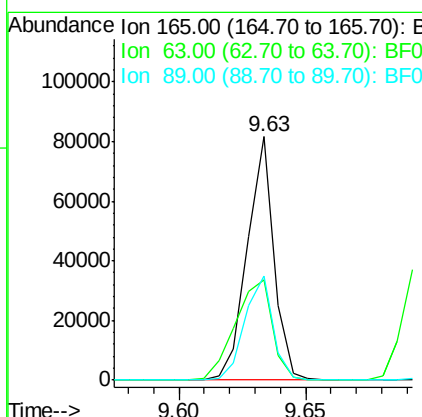
Manual Integrations  
APPROVED

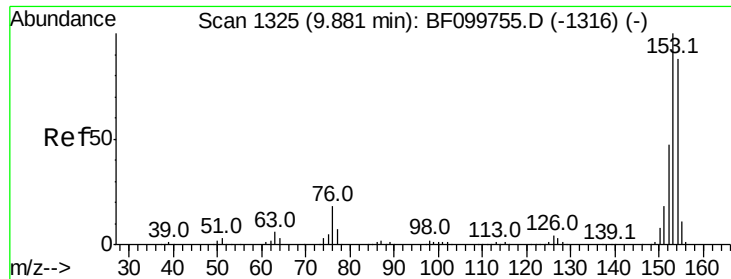
Sohil  
10/27/2017 8:59:26 AM



#50  
2,6-Dinitrotoluene  
Concen: 30.072 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 60060 |       |       |
| 63      | 41.4  |       | 44.7  | 67.1# |
| 89      | 42.5  |       | 44.0  | 66.0# |





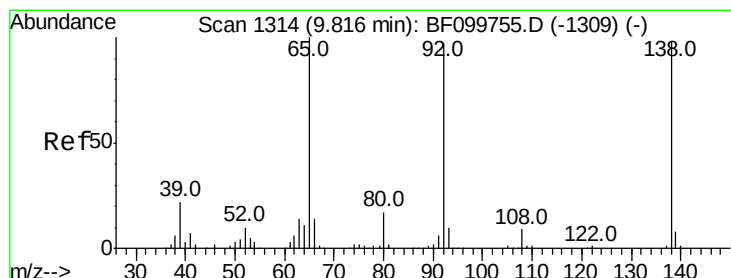
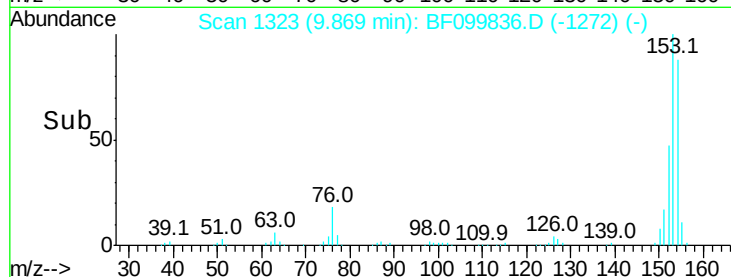
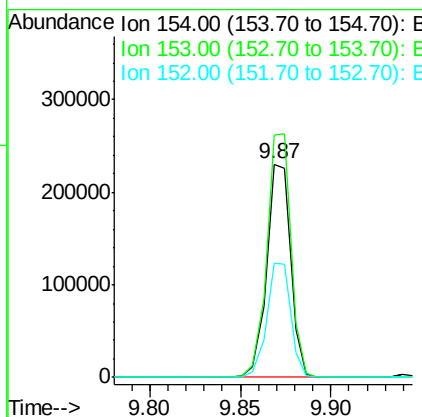
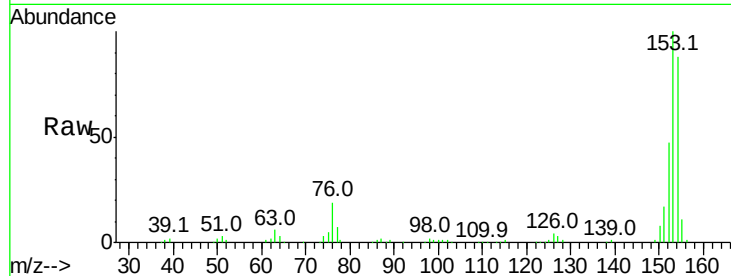
#51  
Acenaphthene  
Concen: 28.750 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.5 | 91.2  | 136.8 |
| 152     | 53.4  | 43.8  | 65.8  |

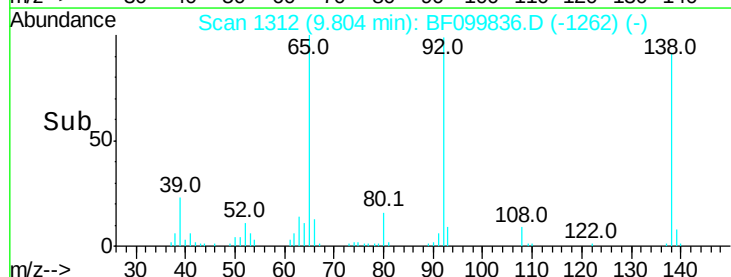
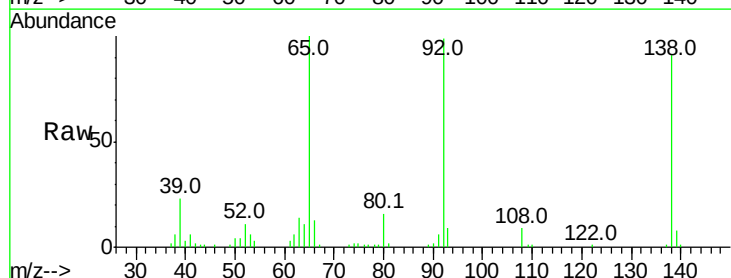
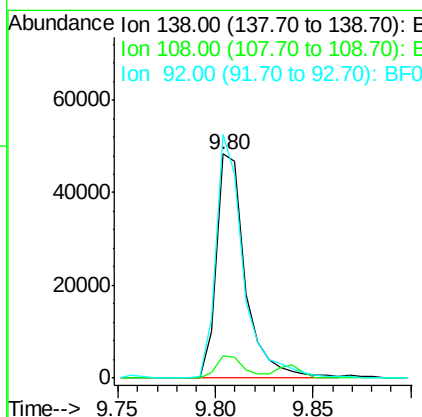
Manual Integrations  
APPROVED

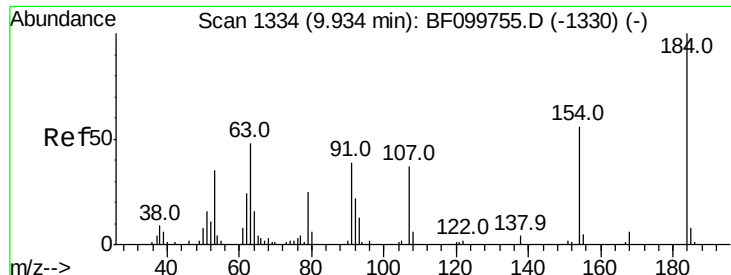
Sohil  
10/27/2017 8:59:26 AM



#52  
3-Nitroaniline  
Concen: 21.164 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. -0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.0  | 9.4   | 14.0  |
| 92      | 108.8 | 89.4  | 134.2 |





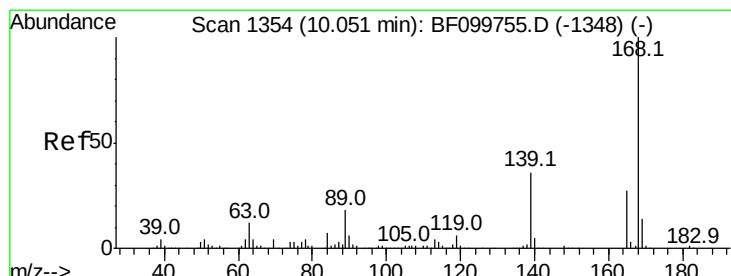
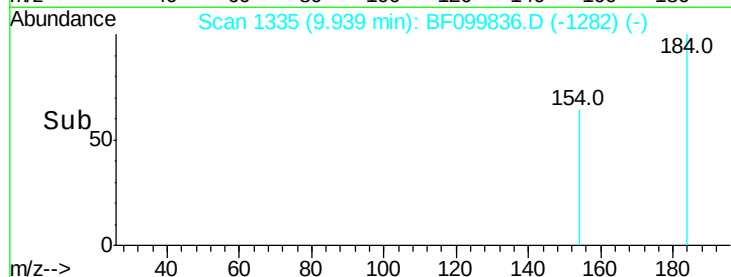
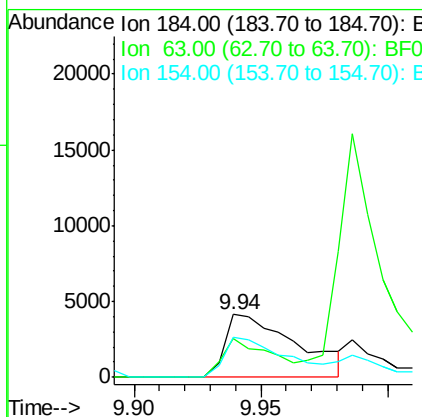
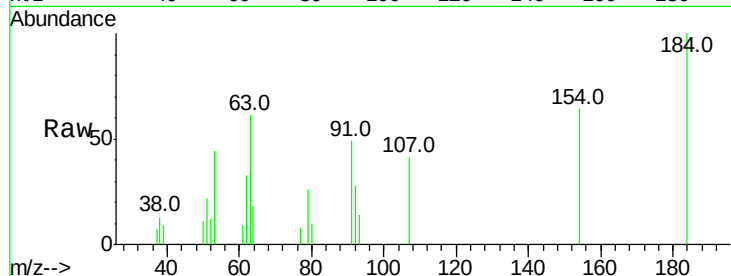
#53  
 2,4-Dinitrophenol  
 Concen: 15.239 ng  
 RT: 9.94 min Scan# 1335  
 Delta R.T. 0.01 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 60.9  | 54.2 | 81.2  |       |
| 154     | 63.8  | 53.5 | 80.3  |       |

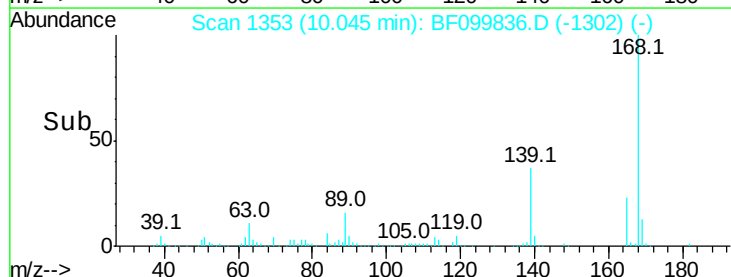
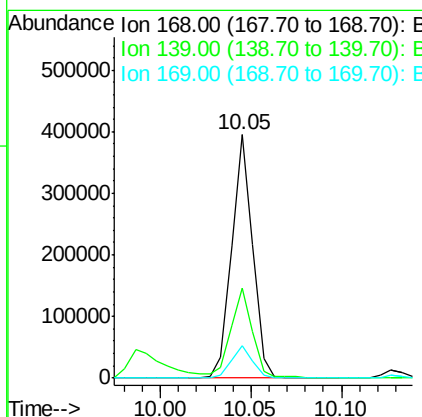
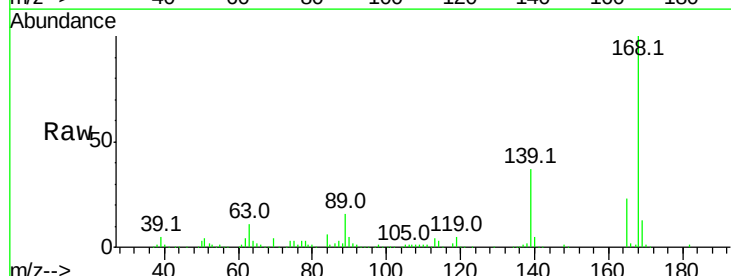
Manual Integrations  
 APPROVED

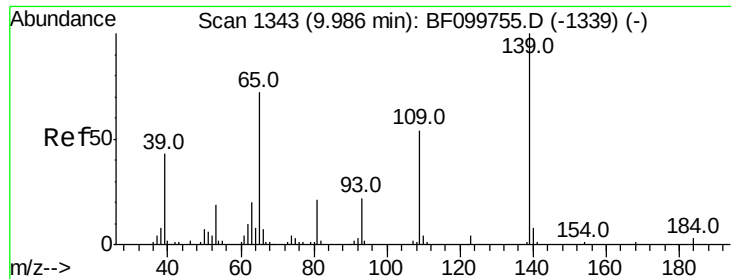
Sohil  
 10/27/2017 8:59:26 AM



#54  
 Dibenzofuran  
 Concen: 30.287 ng  
 RT: 10.05 min Scan# 1353  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 37.0  | 30.1 | 45.1  |       |
| 169     | 13.5  | 10.9 | 16.3  |       |





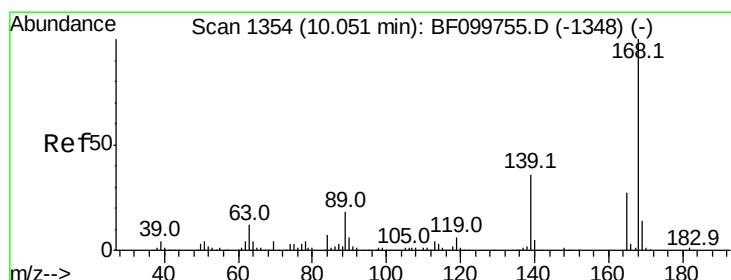
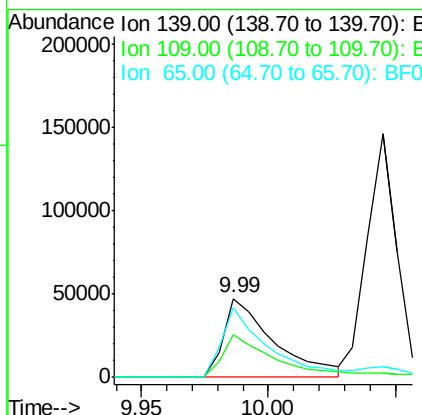
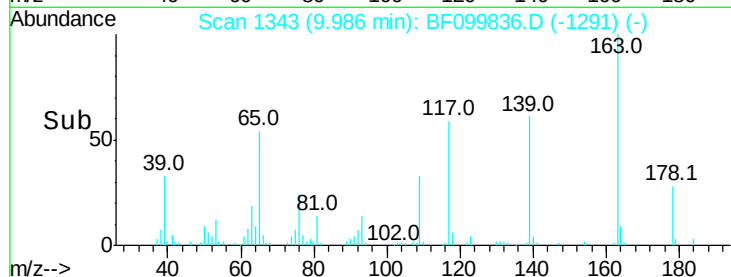
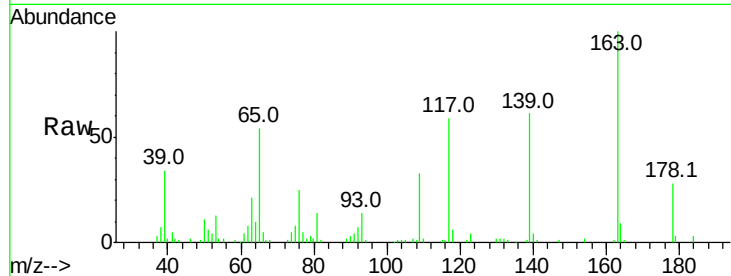
#55  
4-Nitrophenol  
Concen: 53.056 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 54.5  | 48.4 | 88.4  |       |
| 65      | 88.1  | 72.6 | 112.6 |       |

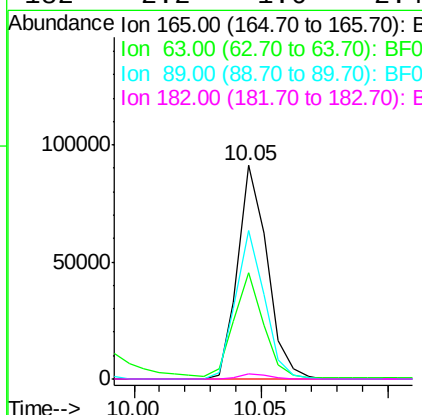
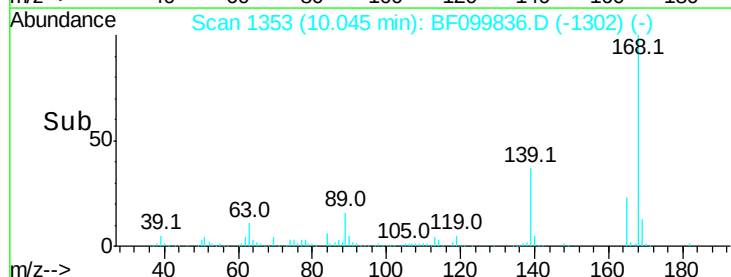
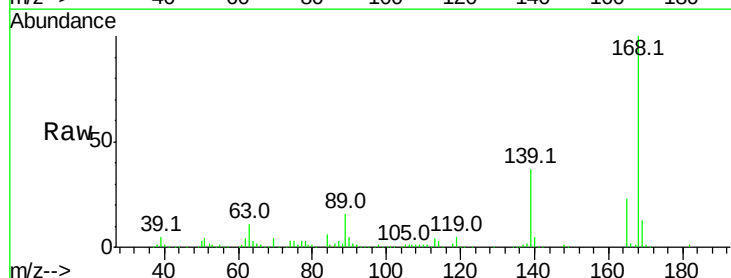
Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM

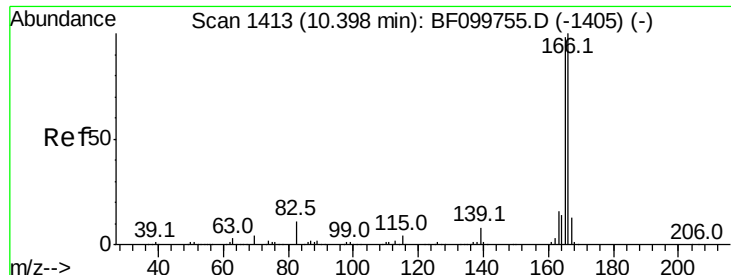


#56  
2,4-Dinitrotoluene  
Concen: 30.863 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 49.7  | 36.4 | 54.6  |       |
| 89      | 69.6  | 57.8 | 86.6  |       |
| 182     | 2.2   | 1.6  | 2.4   |       |







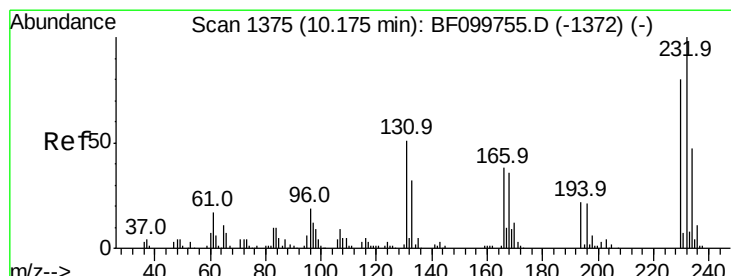
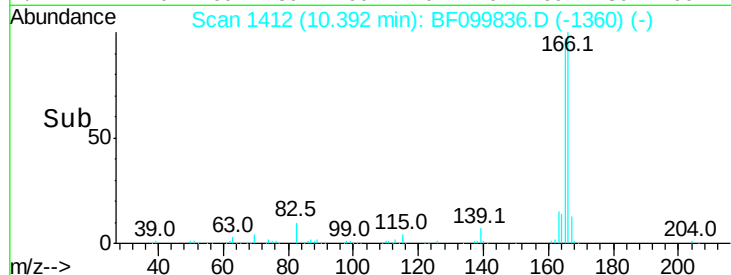
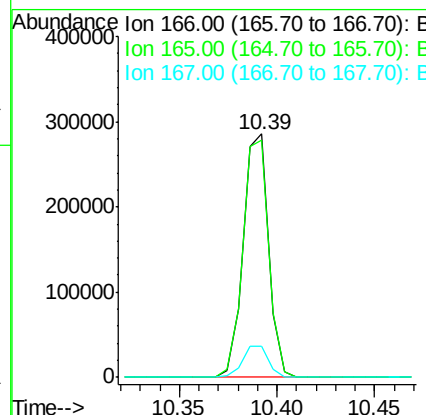
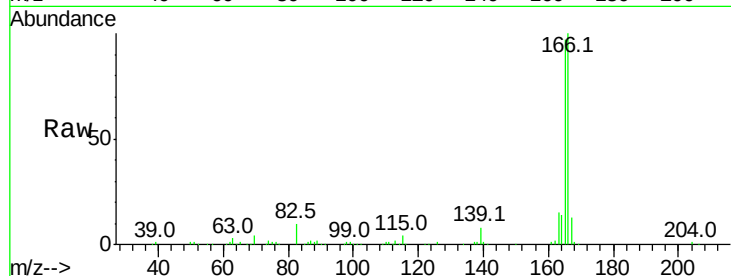
#57  
 Fluorene  
 Concen: 29.697 ng  
 RT: 10.39 min Scan# 1412  
 Delta R.T. 0.01 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 257445 |       |       |
| 165     | 97.4  | 79.8   | 119.8 |       |
| 167     | 12.6  | 10.6   | 16.0  |       |

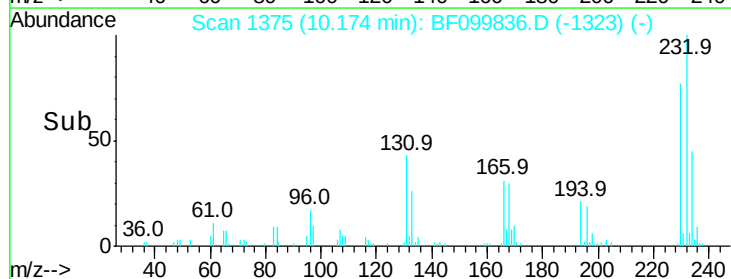
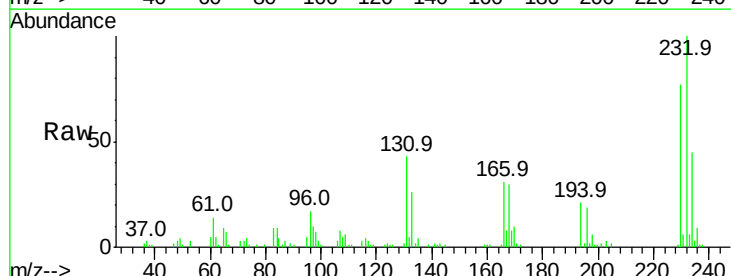
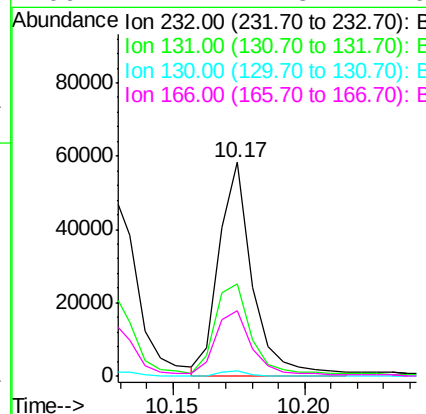
Manual Integrations  
 APPROVED

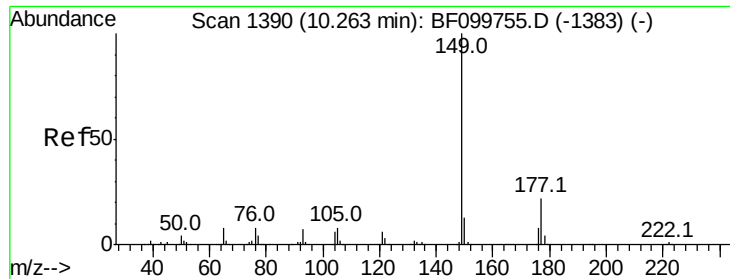
Sohil  
 10/27/2017 8:59:26 AM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 30.283 ng m  
 RT: 10.17 min Scan# 1375  
 Delta R.T. 0.01 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 52808 |       |       |
| 131     | 38.3  | 43.8  | 65.8# |       |
| 130     | 2.3   | 2.1   | 3.1   |       |
| 166     | 24.7  | 27.8  | 41.6# |       |





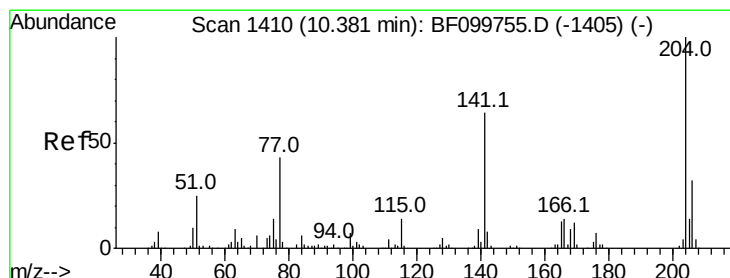
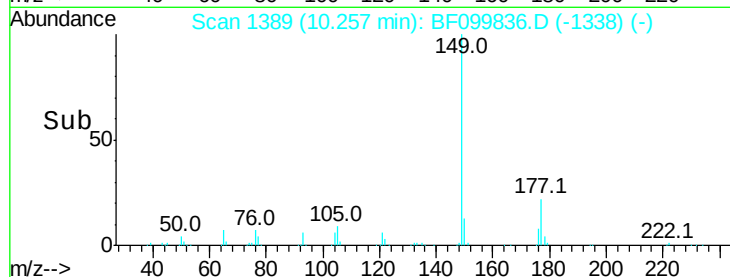
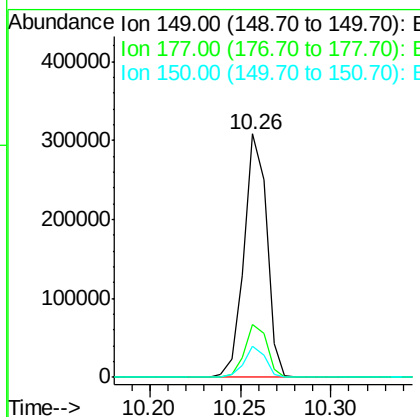
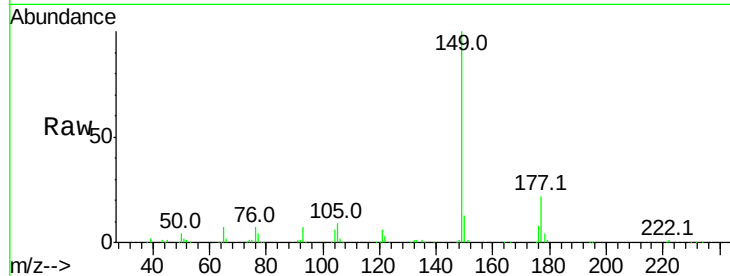
#59  
Diethylphthalate  
Concen: 28.877 ng  
RT: 10.26 min Scan# 1389  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 267917 |       |       |
| 177     | 21.9  | 16.1   | 24.1  |       |
| 150     | 12.9  | 10.1   | 15.1  |       |

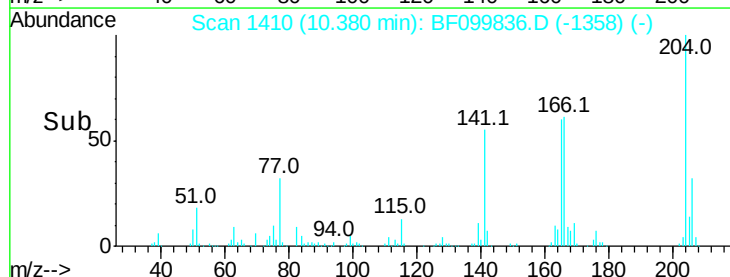
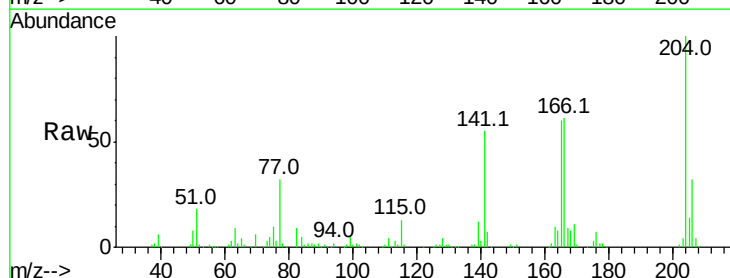
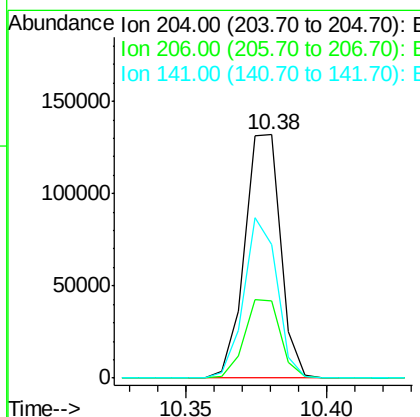
Manual Integrations  
APPROVED

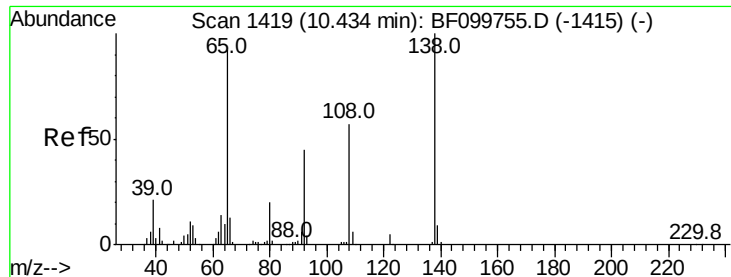
Sohil  
10/27/2017 8:59:26 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 28.649 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. 0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 116886 |       |       |
| 206     | 31.8  | 26.5   | 39.7  |       |
| 141     | 55.0  | 54.6   | 81.8  |       |





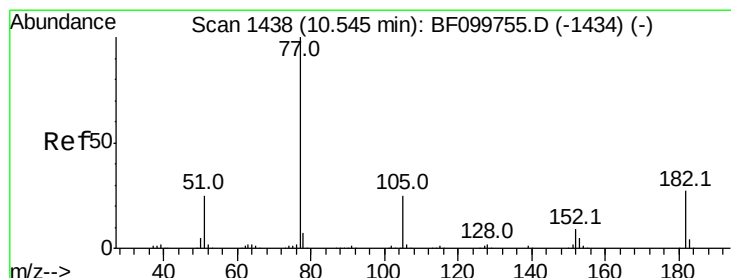
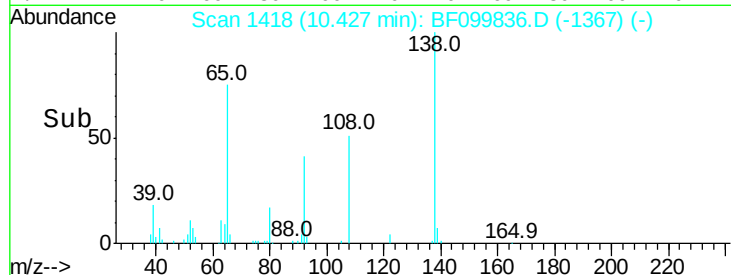
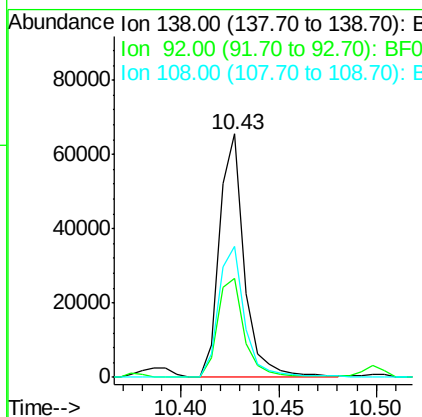
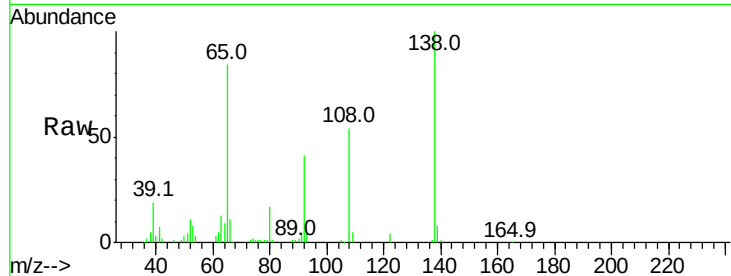
#61  
4-Nitroaniline  
Concen: 25.815 ng  
RT: 10.43 min Scan# 1418  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 40.7  | 30.2  | 70.2  |
| 108     | 53.7  | 52.5  | 92.5  |

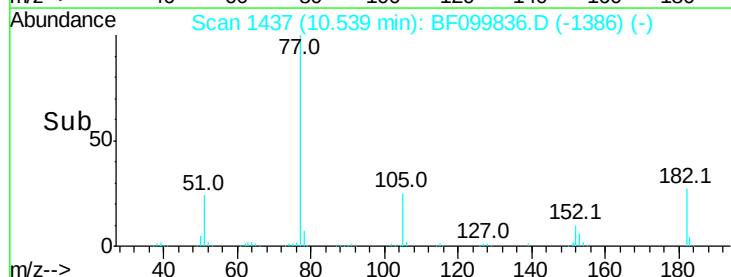
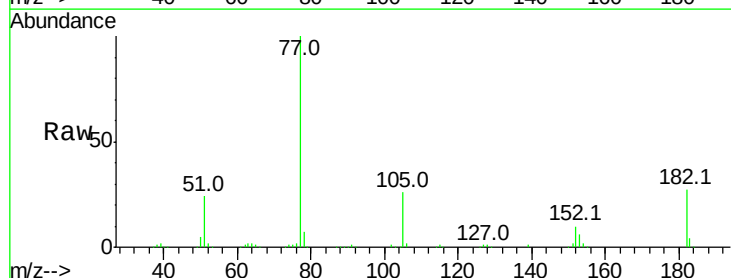
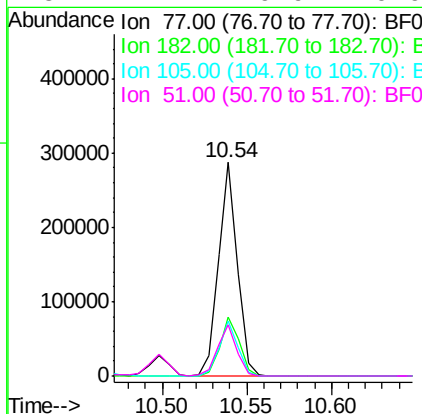
Manual Integrations  
APPROVED

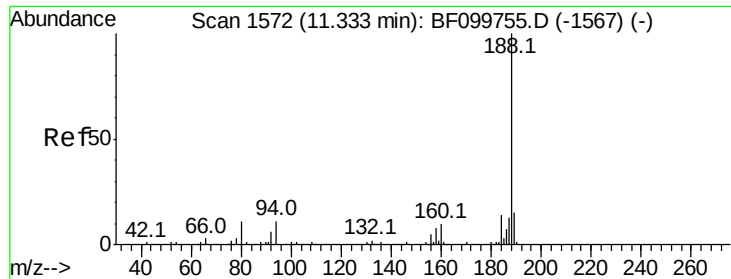
Sohil  
10/27/2017 8:59:26 AM



#62  
Azobenzene  
Concen: 29.115 ng  
RT: 10.54 min Scan# 1437  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.4  | 1.7   | 41.7  |
| 105     | 25.5  | 3.0   | 43.0  |
| 51      | 24.1  | 9.9   | 49.9  |





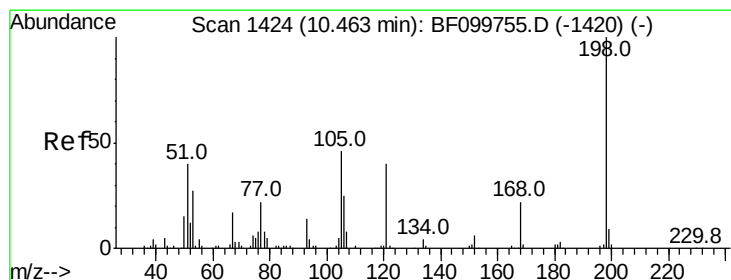
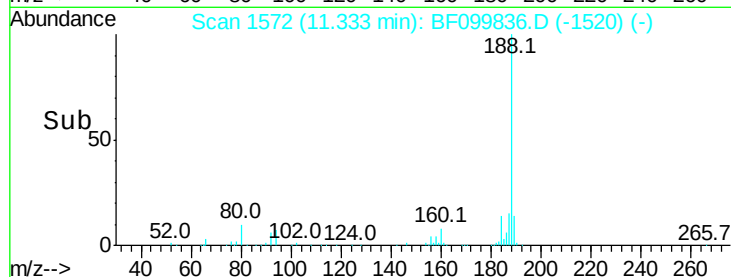
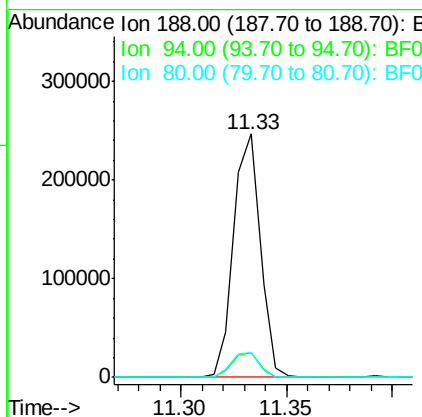
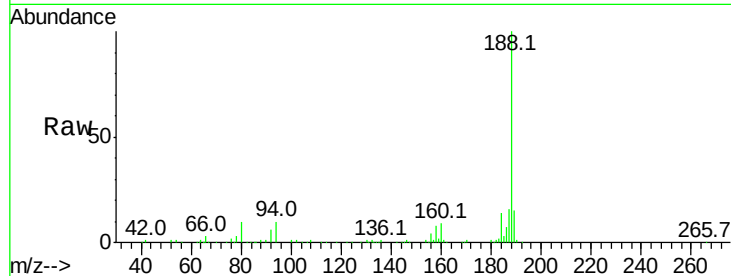
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. 0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 215641 |       |       |
| 94      | 10.0  |        | 8.5   | 12.7  |
| 80      | 10.1  |        | 9.2   | 13.8  |

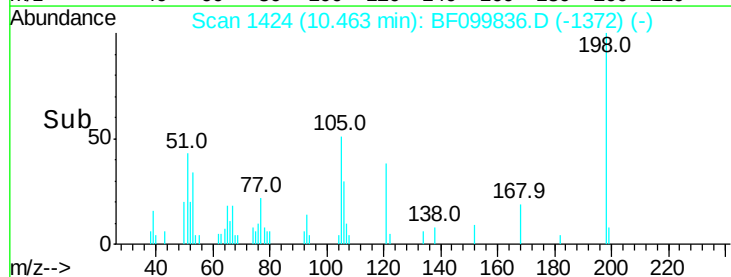
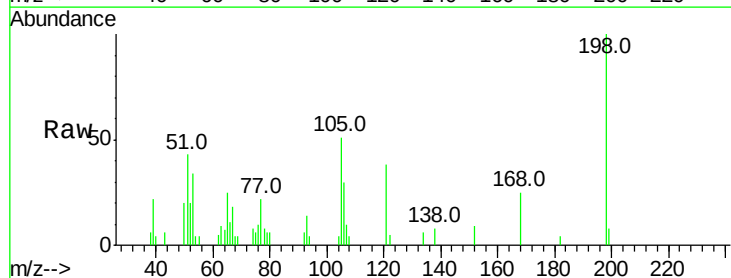
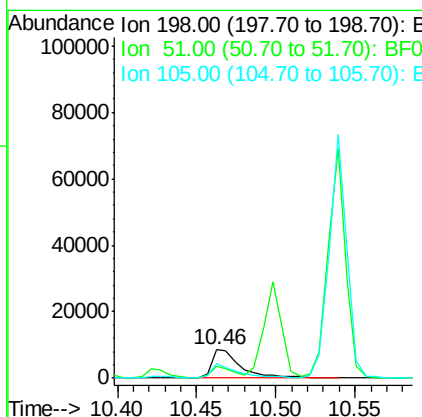
Manual Integrations  
APPROVED

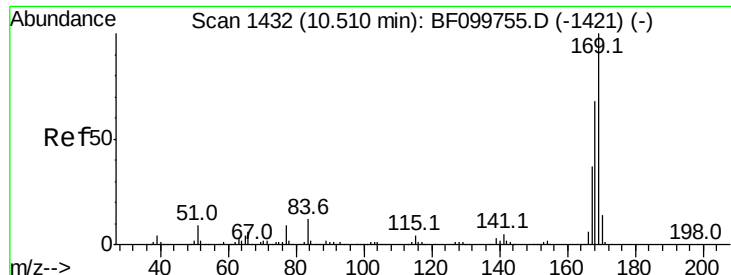
Sohil  
10/27/2017 8:59:26 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 7.955 ng  
RT: 10.46 min Scan# 1424  
Delta R.T. 0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 10783 |       |       |
| 51      | 42.9  |       | 37.7  | 77.7  |
| 105     | 51.1  |       | 36.3  | 76.3  |





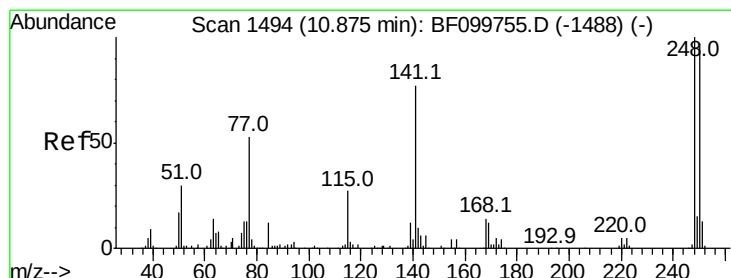
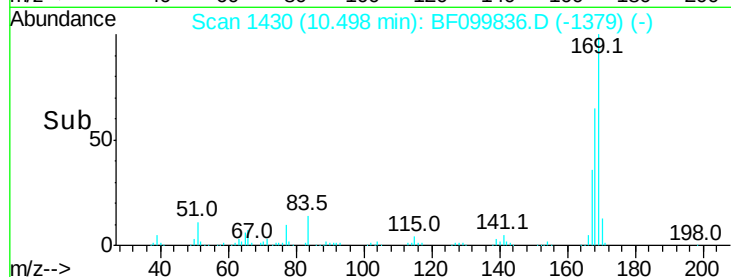
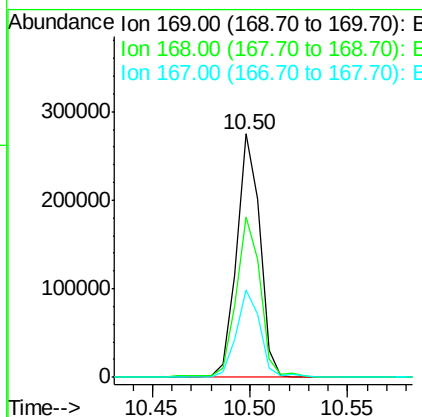
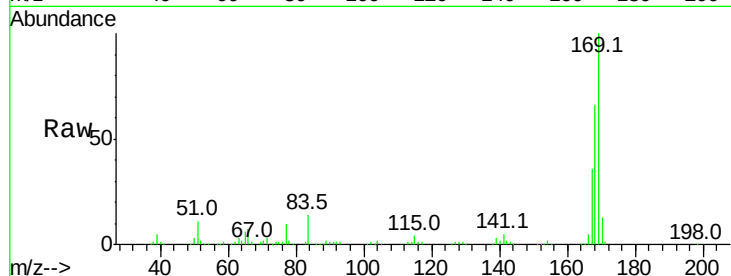
#65  
 n-Nitrosodiphenylamine  
 Concen: 28.447 ng  
 RT: 10.50 min Scan# 1430  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 226445 |       |       |
| 168     | 65.6  |        | 54.4  | 81.6  |
| 167     | 35.9  |        | 29.8  | 44.6  |

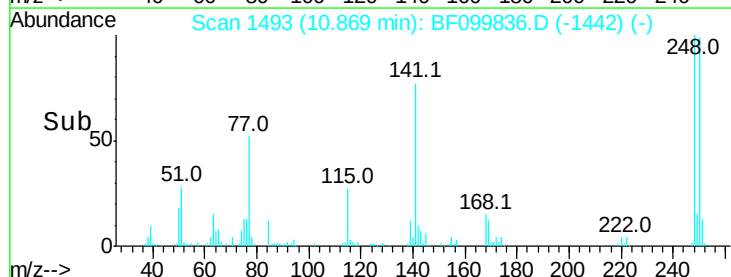
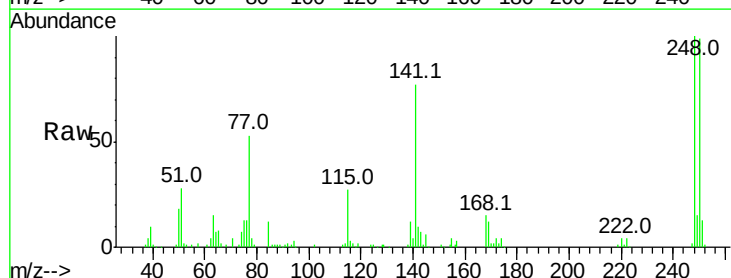
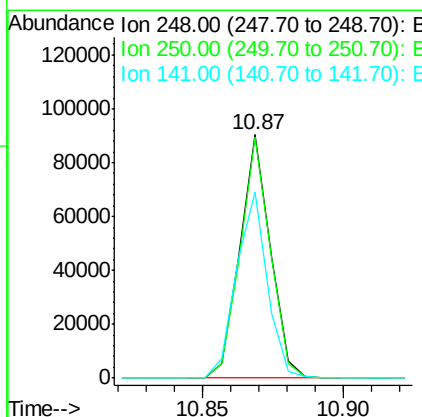
Manual Integrations  
 APPROVED

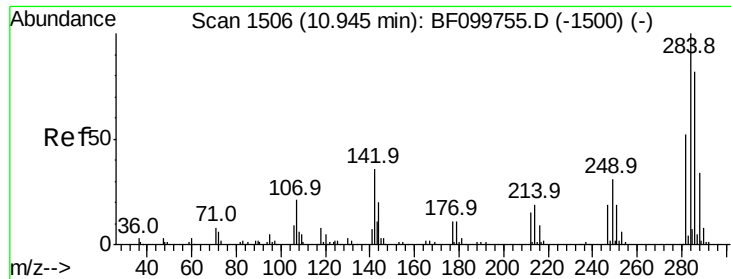
Sohil  
 10/27/2017 8:59:26 AM



#66  
 4-Bromophenyl-phenylether  
 Concen: 29.787 ng  
 RT: 10.87 min Scan# 1493  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 67622 |       |       |
| 250     | 99.3  |       | 76.9  | 115.3 |
| 141     | 76.5  |       | 74.4  | 111.6 |





#67

Hexachlorobenzene

Concen: 28.479 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

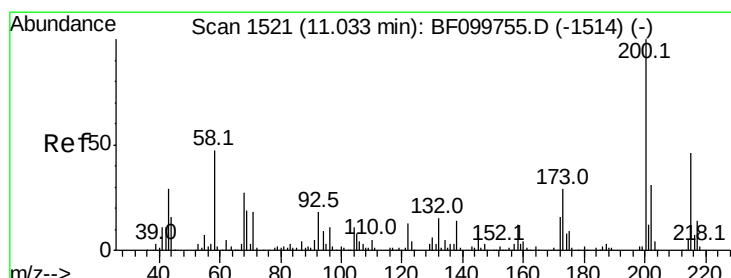
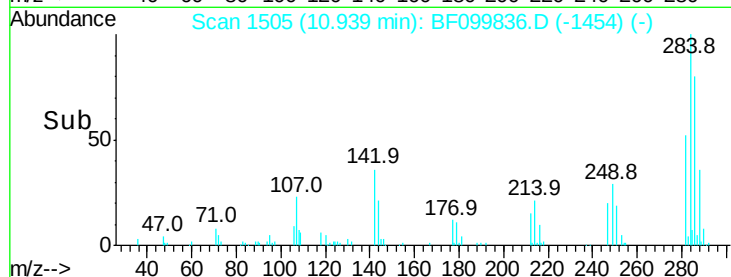
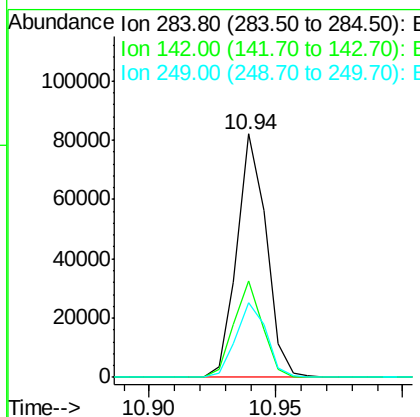
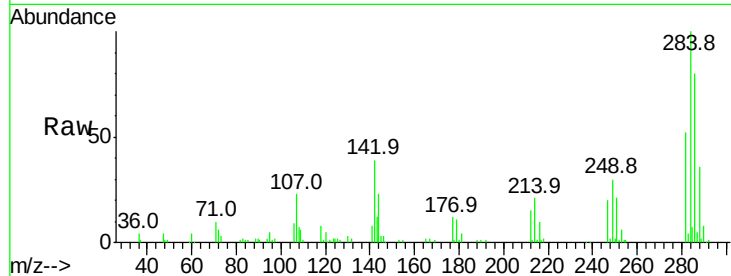
ClientSampled :

PB103631BSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 284   | Resp: | 66143 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 39.5  | 34.6  | 52.0  |
| 249       | 30.5  | 24.8  | 37.2  |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM



#68

Atrazine

Concen: 29.516 ng

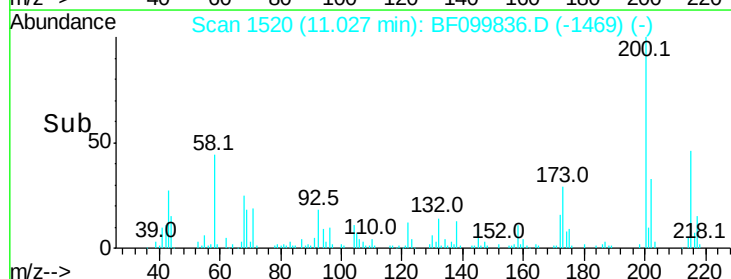
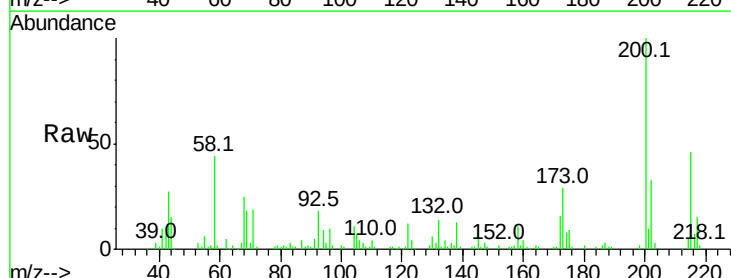
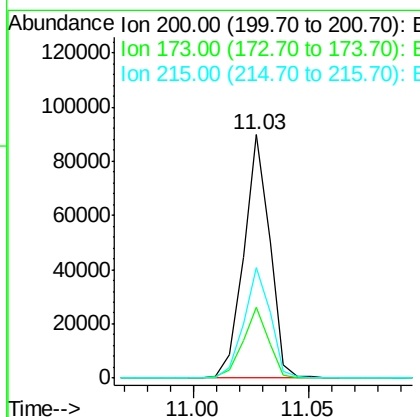
RT: 11.03 min Scan# 1520

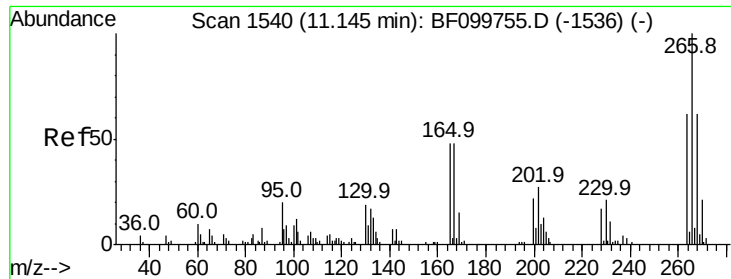
Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 70578 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 28.9  | 8.6   | 48.6  |
| 215       | 45.6  | 25.1  | 65.1  |





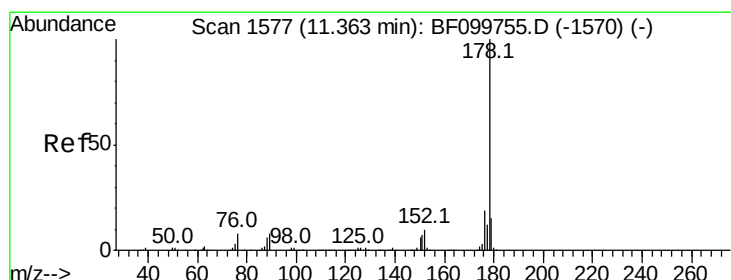
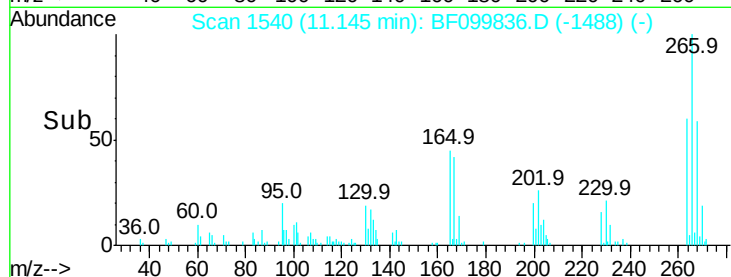
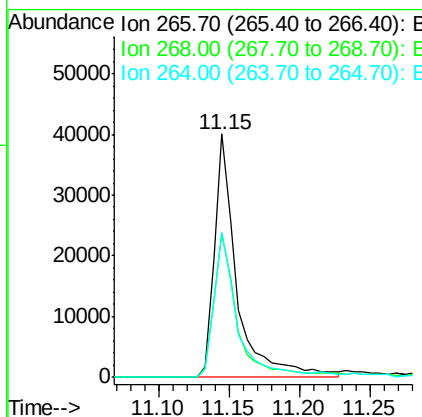
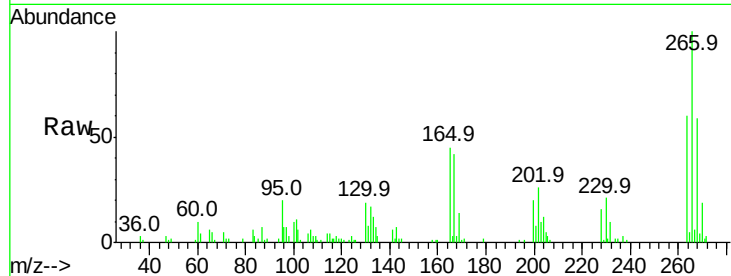
#69  
 Pentachlorophenol  
 Concen: 44.770 ng  
 RT: 11.15 min Scan# 1540  
 Delta R.T. 0.01 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 44430 |       |       |
| 268     | 59.2  |       | 51.1  | 76.7  |
| 264     | 59.5  |       | 49.5  | 74.3  |

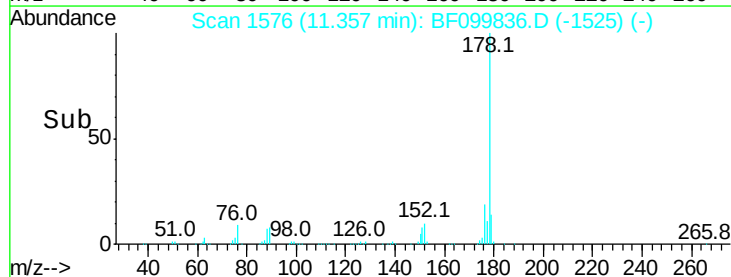
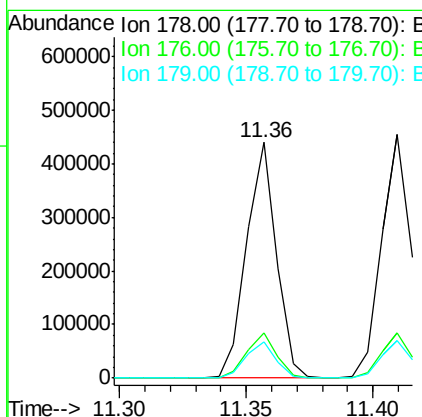
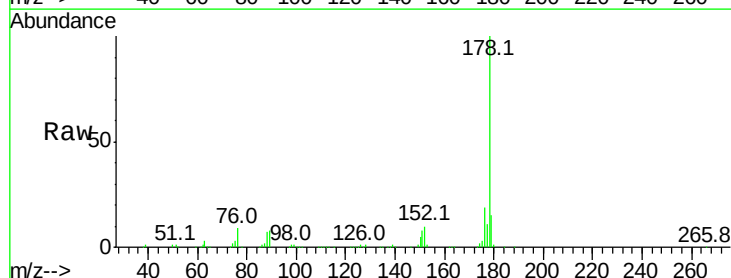
Manual Integrations  
 APPROVED

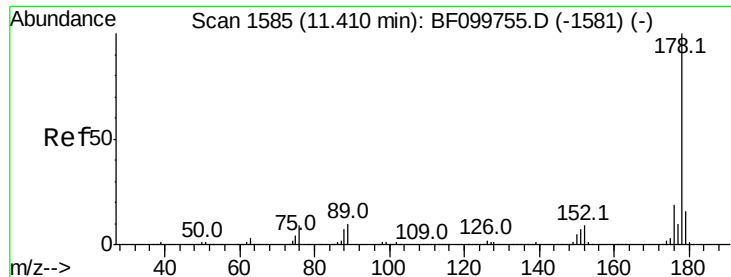
Sohil  
 10/27/2017 8:59:26 AM



#70  
 Phenanthrene  
 Concen: 29.790 ng  
 RT: 11.36 min Scan# 1576  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 362530 |       |       |
| 176     | 19.1  |        | 15.8  | 23.8  |
| 179     | 15.2  |        | 13.0  | 19.6  |





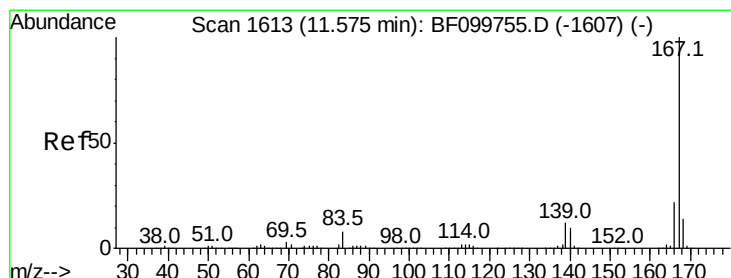
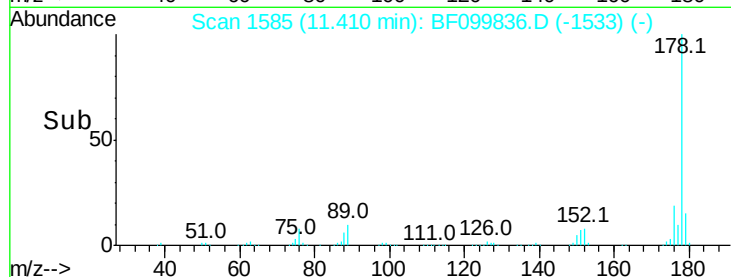
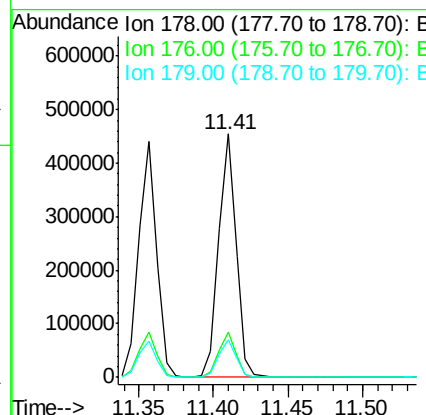
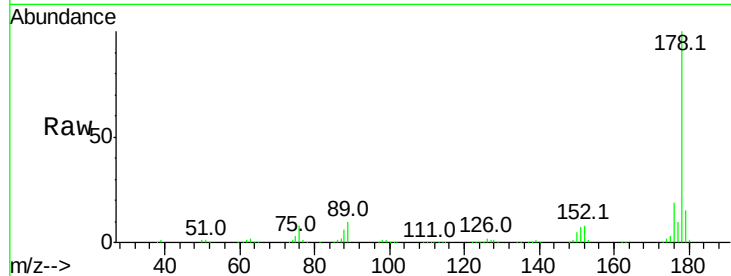
#71  
 Anthracene  
 Concen: 30.178 ng  
 RT: 11.41 min Scan# 1585  
 Delta R.T. 0.01 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.4  | 23.2  |
| 179     | 15.4  | 12.6  | 19.0  |

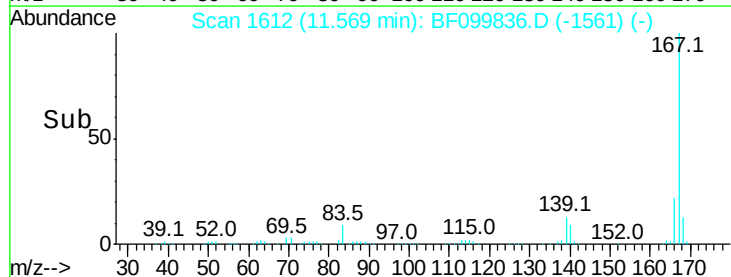
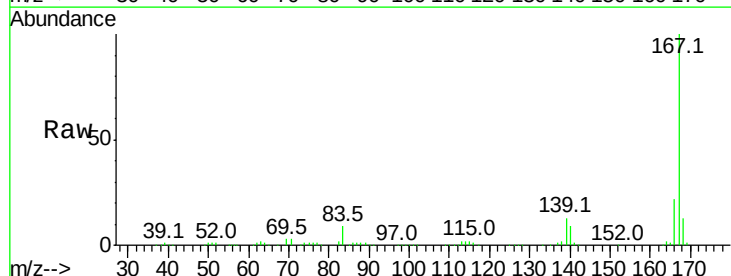
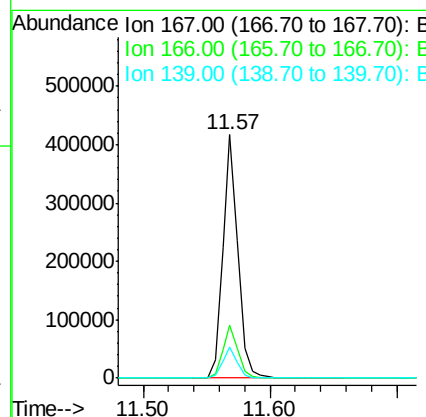
Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:59:26 AM

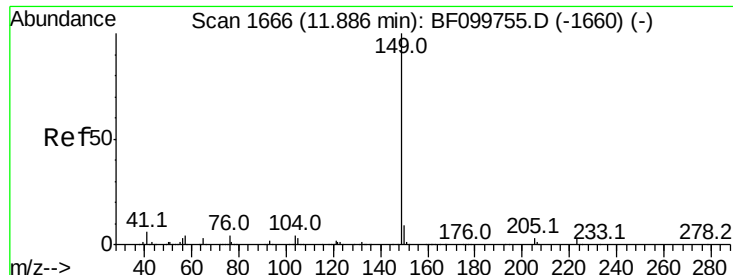


#72  
 Carbazole  
 Concen: 30.006 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.8  | 17.6  | 26.4  |
| 139     | 12.6  | 10.9  | 16.3  |







#73

Di-n-butylphthalate

Concen: 28.985 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

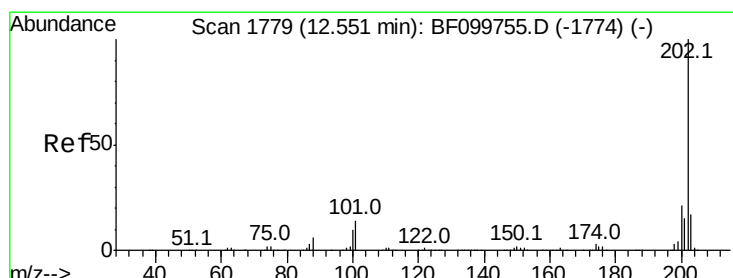
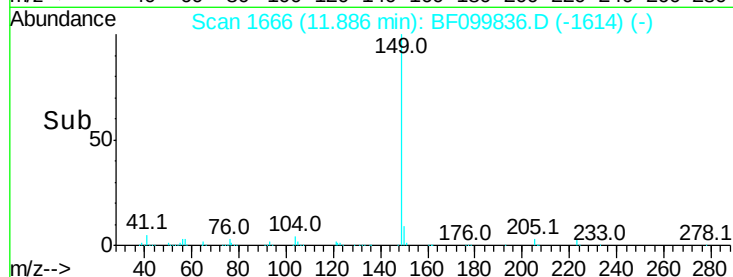
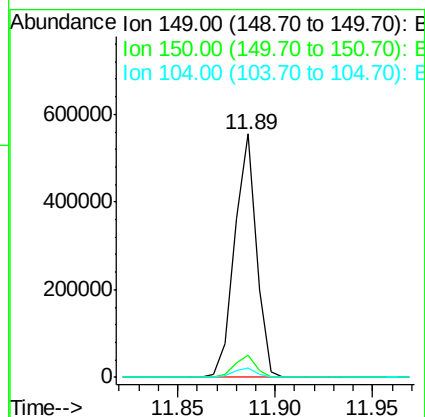
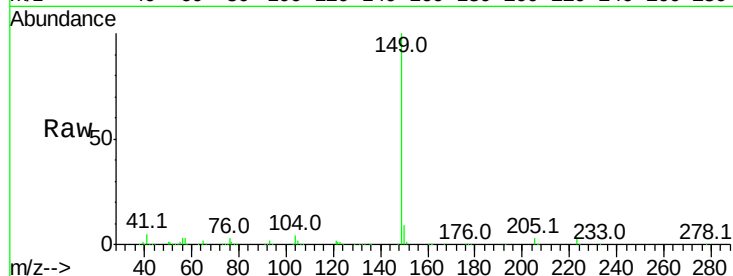
ClientSampleId :

PB103631BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 429460 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.0   | 7.8   | 11.6   |
| 104       | 3.7   | 3.8   | 5.8#   |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM



#74

Fluoranthene

Concen: 29.254 ng

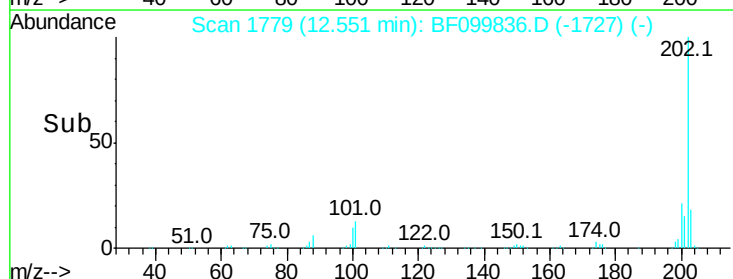
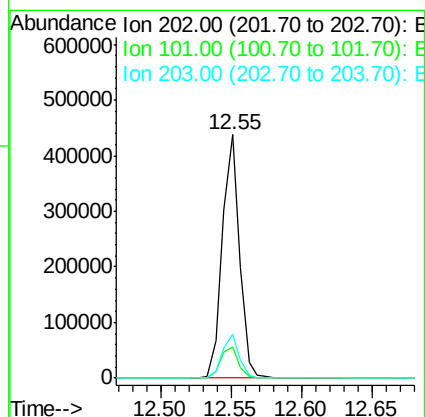
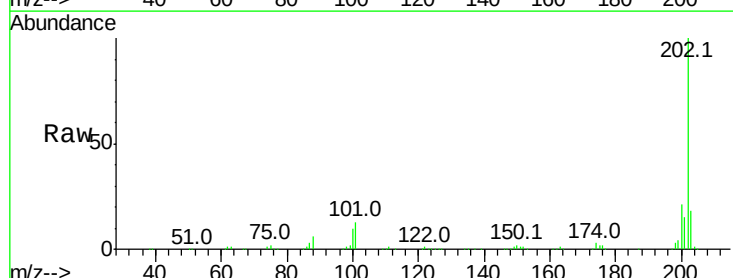
RT: 12.55 min Scan# 1779

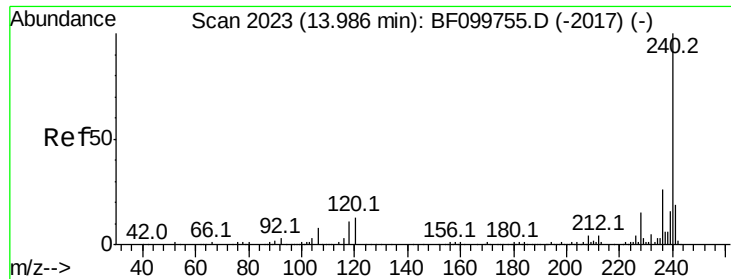
Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 369975 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.6  | 0.0   | 34.1   |
| 203       | 18.0  | 0.0   | 38.1   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

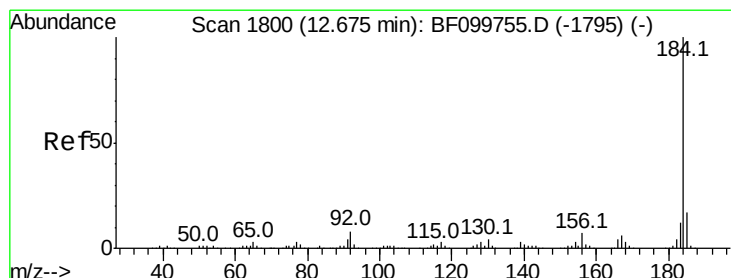
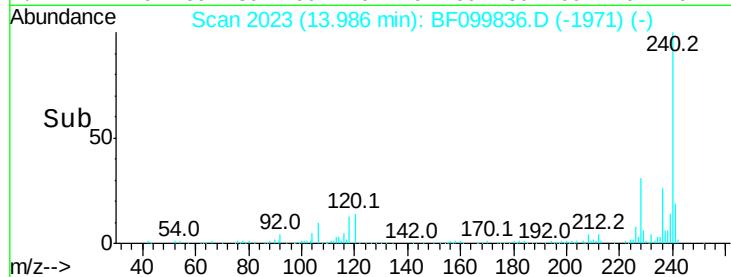
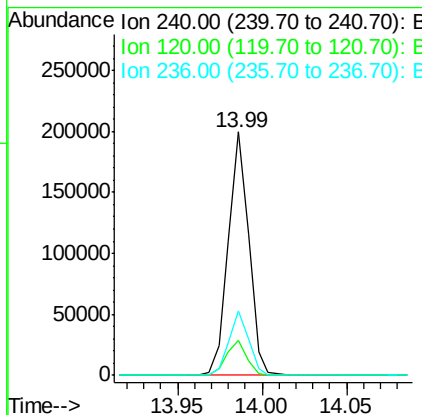
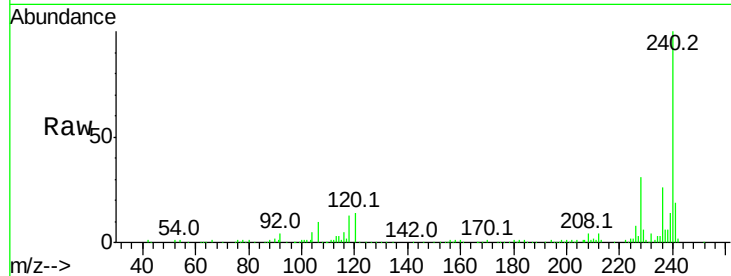
ClientSampleId :

PB103631BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 14.3  | 9.5   | 14.3  |
| 236     | 26.4  | 20.7  | 31.1  |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM



#76

Benzidine

Concen: 27.952 ng

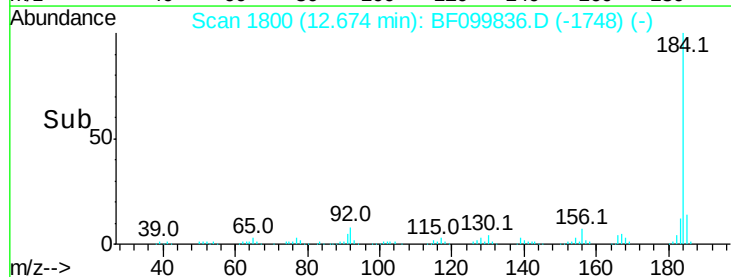
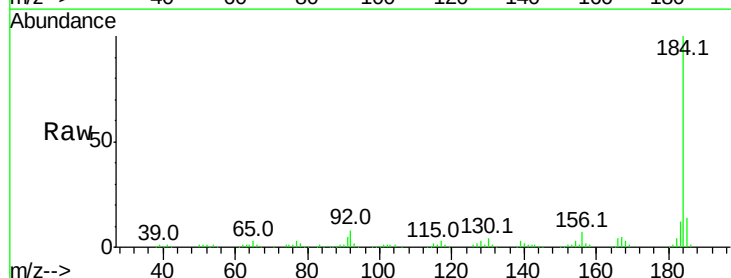
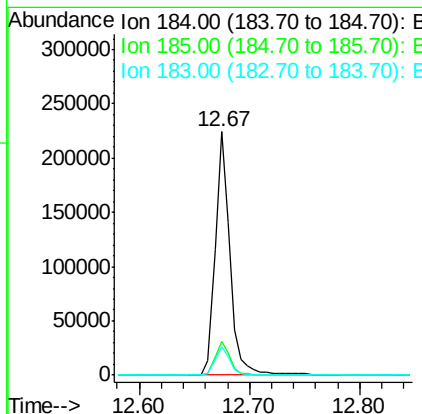
RT: 12.67 min Scan# 1800

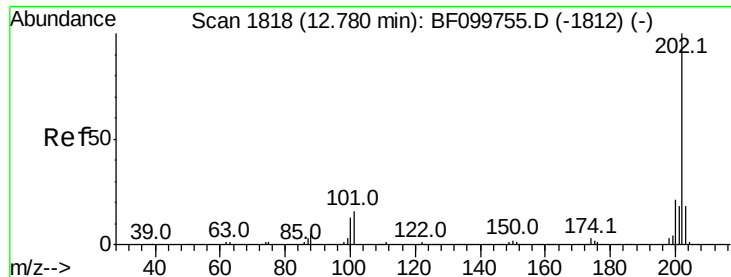
Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.0  | 12.6  | 18.8  |
| 183     | 11.9  | 9.3   | 13.9  |





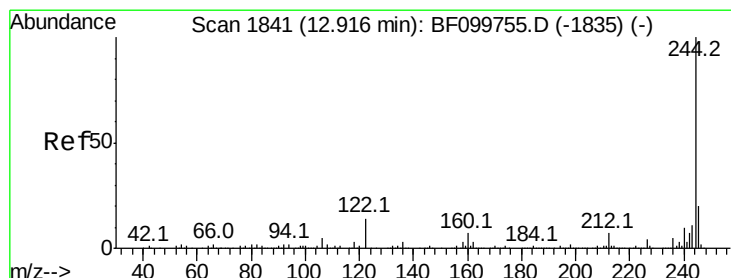
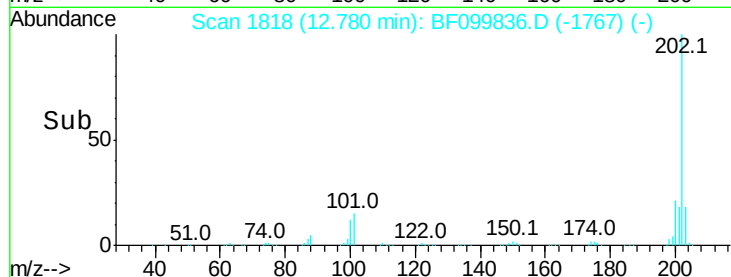
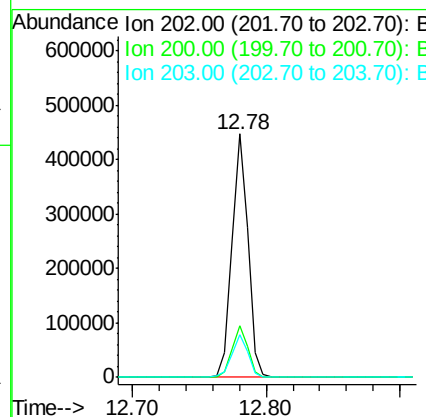
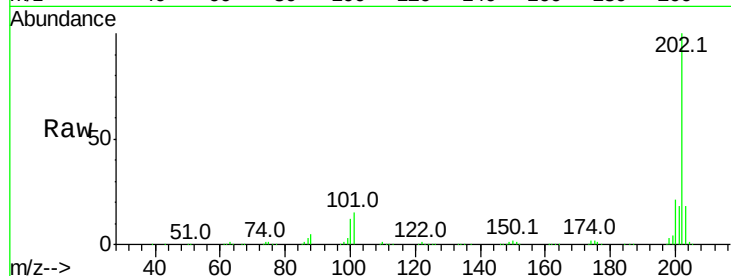
#77  
Pvrene  
Concen: 29.851 ng  
RT: 12.78 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.2  | 17.4       | 26.2  |
| 203     | 17.6  | 14.3       | 21.5  |

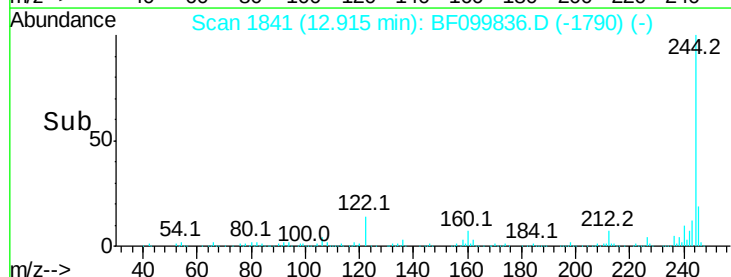
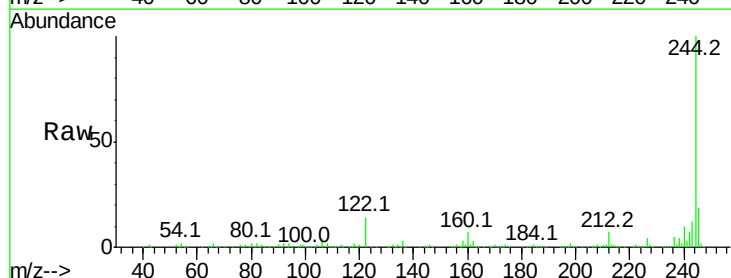
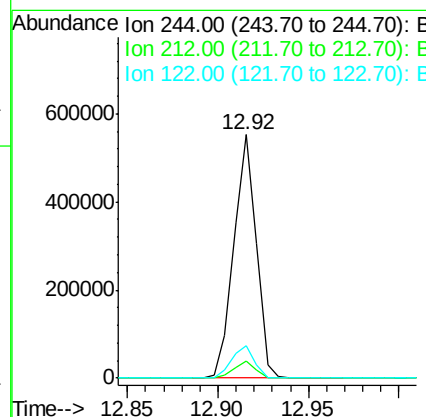
Manual Integrations  
APPROVED

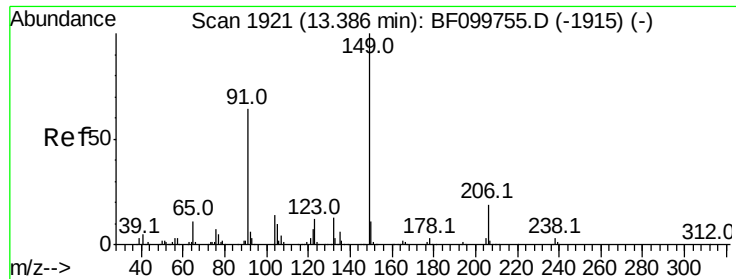
Sohil  
10/27/2017 8:59:26 AM



#78  
Terphenyl-d14  
Concen: 62.011 ng  
RT: 12.92 min Scan# 1841  
Delta R.T. -0.00 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 6.8   | 5.4        | 8.0   |
| 122     | 13.5  | 11.0       | 16.4  |





#79

Butylbenzylphthalate

Concen: 28.672 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

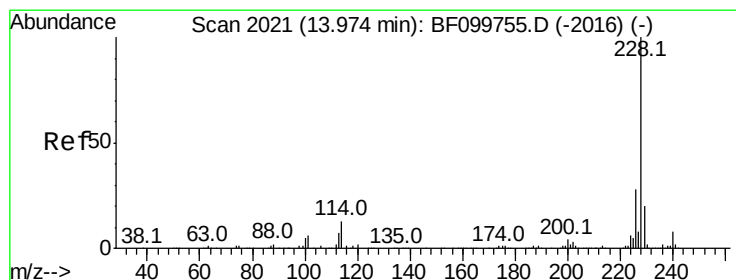
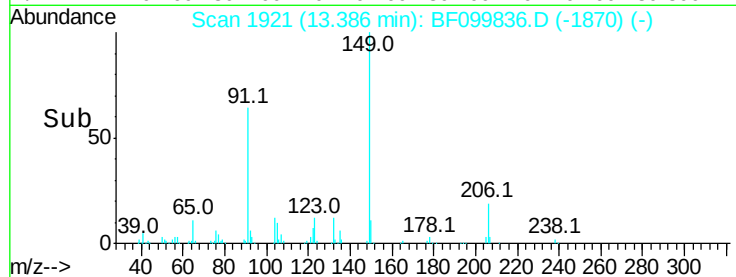
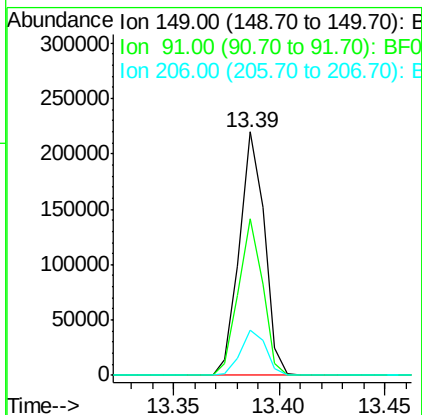
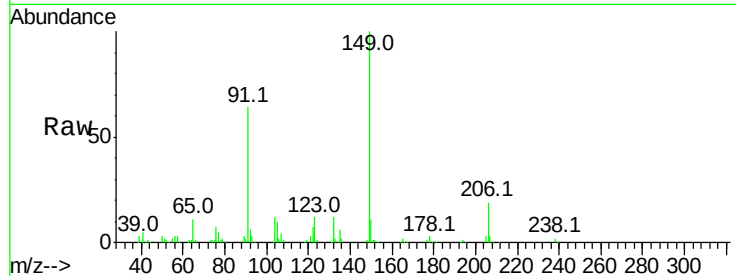
ClientSampleId :

PB103631BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 180530 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 64.3  | 56.8  | 85.2   |
| 206       | 18.8  | 14.1  | 21.1   |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM



#80

Benzo(a)anthracene

Concen: 29.396 ng

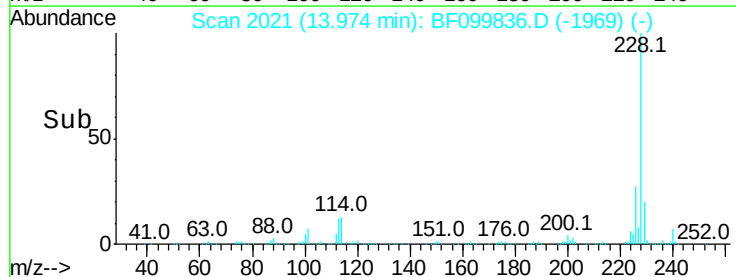
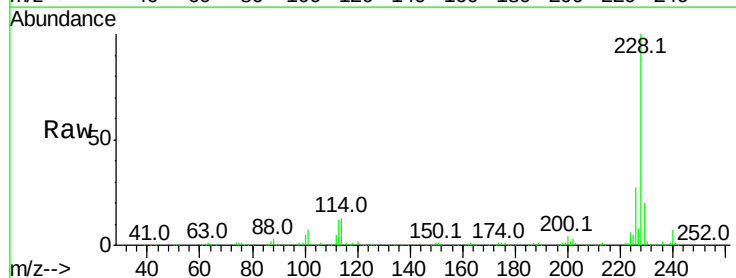
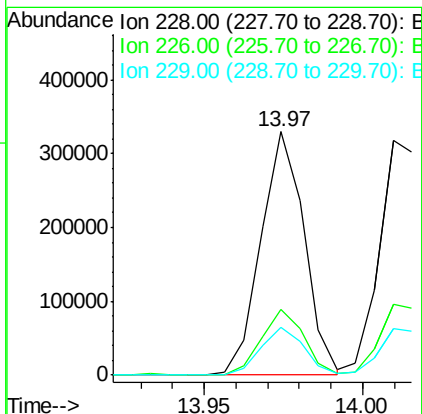
RT: 13.97 min Scan# 2021

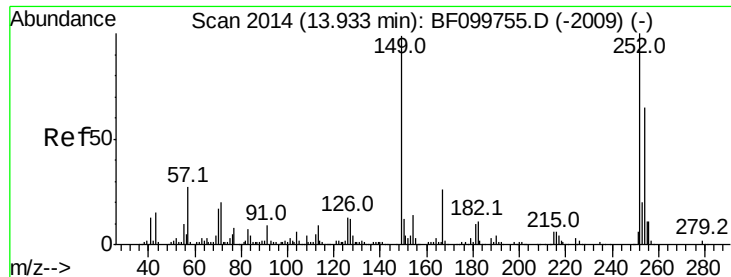
Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 313363 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 26.9  | 22.6  | 33.8   |
| 229       | 19.8  | 15.8  | 23.6   |





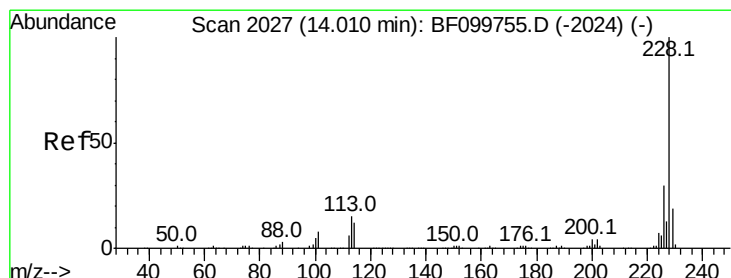
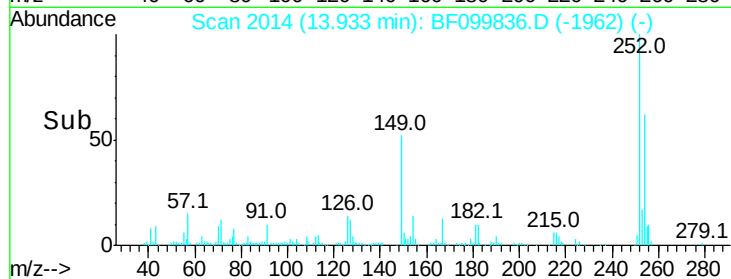
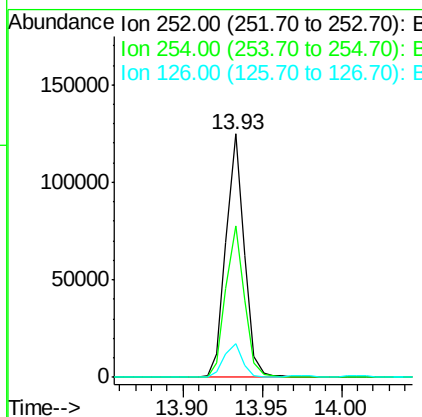
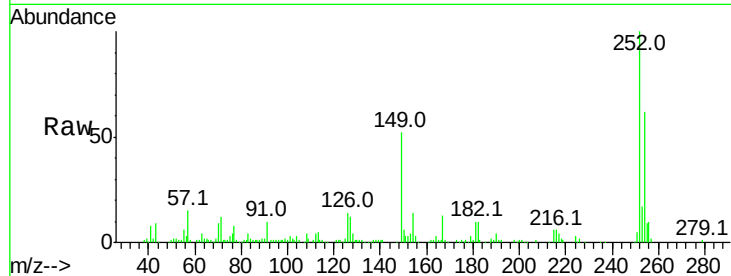
#81  
 3,3'-Dichlorobenzidine  
 Concen: 26.019 ng  
 RT: 13.93 min Scan# 2014  
 Delta R.T. 0.01 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 62.2  | 50.4       | 75.6  |
| 126     | 13.8  | 11.3       | 16.9  |

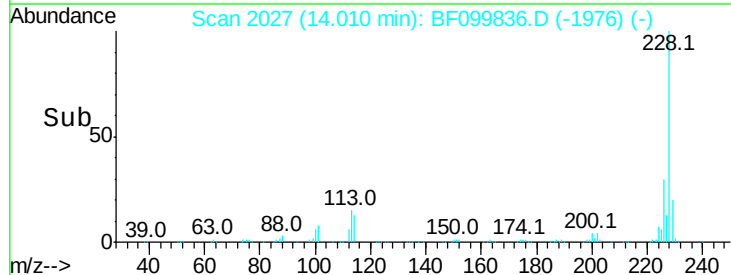
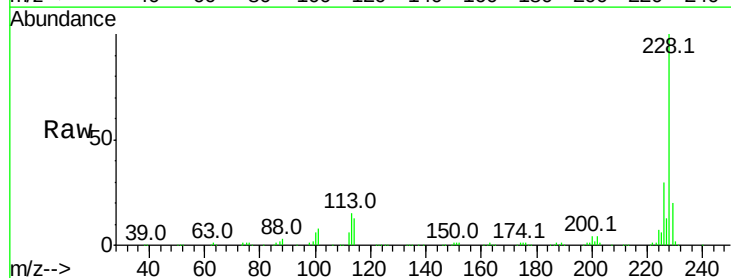
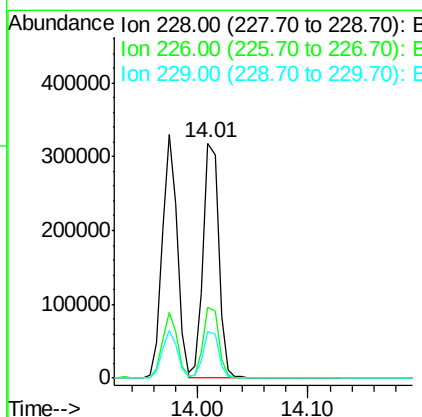
Manual Integrations  
 APPROVED

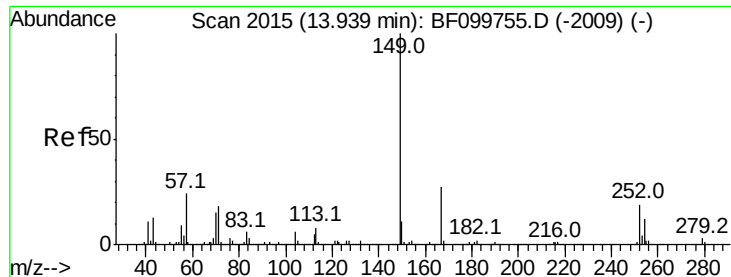
Sohil  
 10/27/2017 8:59:26 AM



#82  
 Chrysene  
 Concen: 30.289 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. -0.00 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 29.9  | 25.0       | 37.6  |
| 229     | 19.7  | 16.2       | 24.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.464 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

Instrument :

BNA\_F

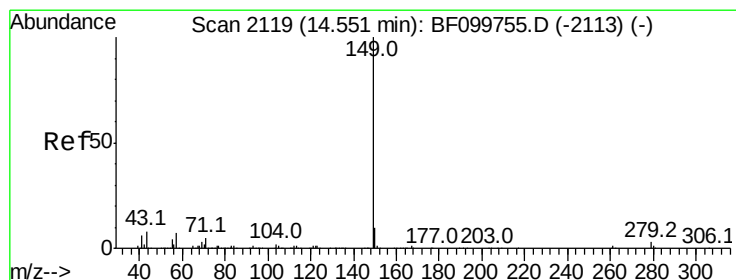
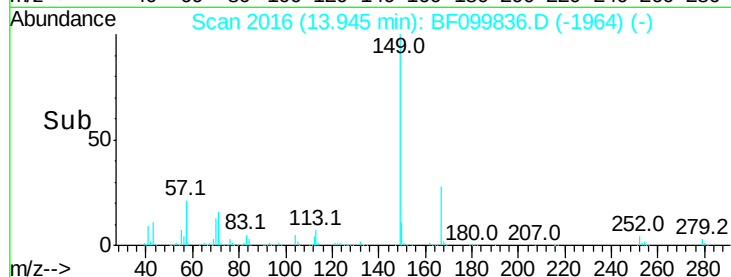
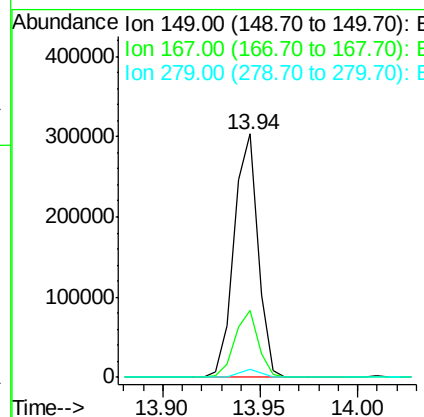
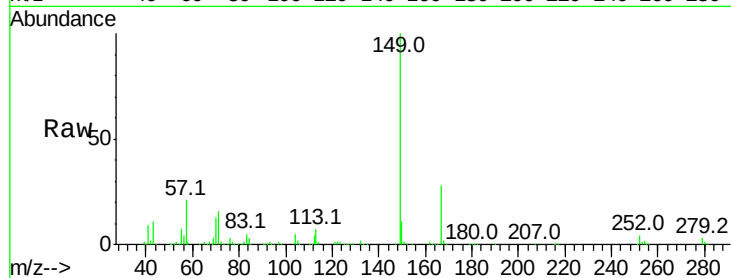
ClientSampleId :

PB103631BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 260523 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.7  | 21.3  | 31.9   |
| 279       | 3.3   | 3.0   | 4.4    |

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM



#84

Di-n-octyl phthalate

Concen: 29.024 ng

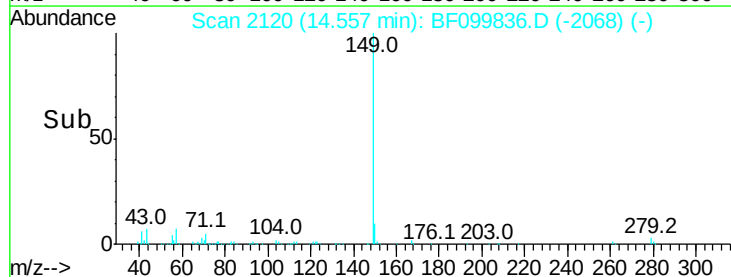
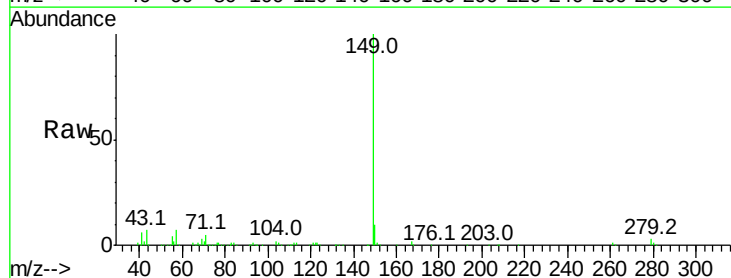
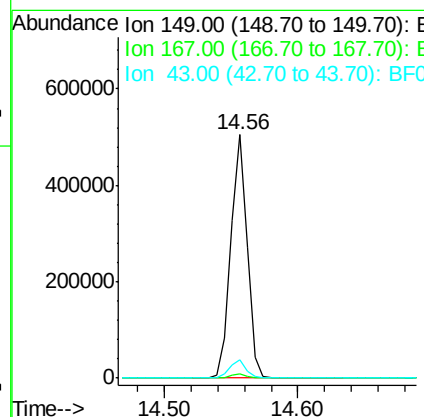
RT: 14.56 min Scan# 2120

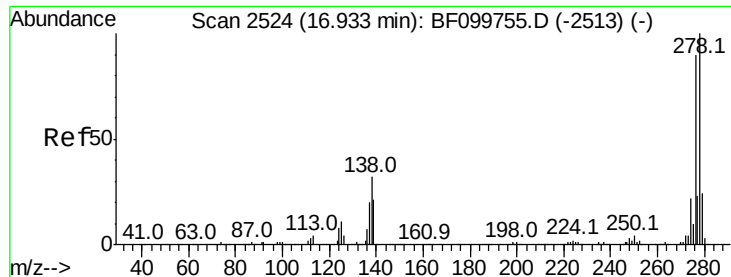
Delta R.T. 0.01 min

Lab File: BF099836.D

Acq: 26 Oct 2017 2:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 440481 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.2   | 1.8    |
| 43        | 7.4   | 8.4   | 12.6#  |





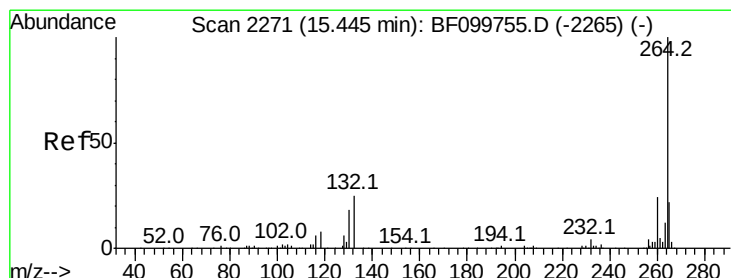
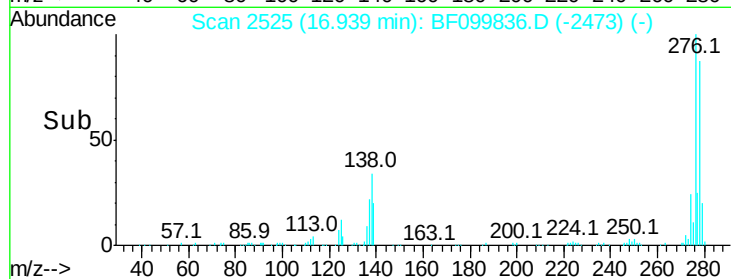
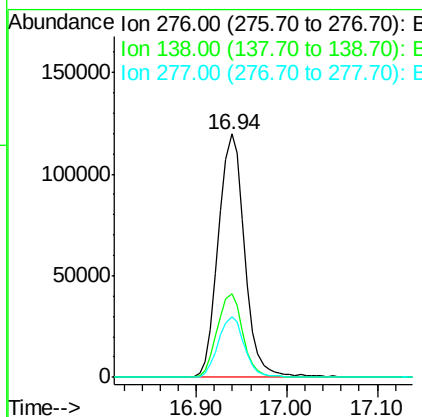
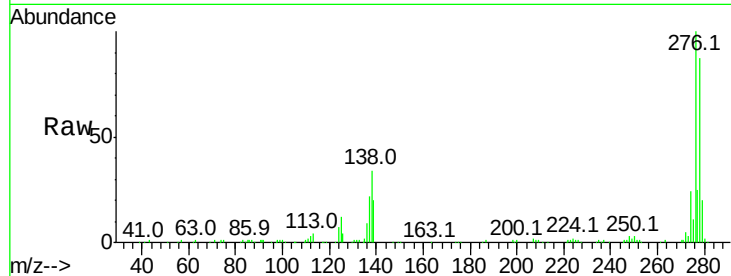
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 26.236 ng  
 RT: 16.94 min Scan# 2525  
 Delta R.T. 0.01 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 241376 |       |       |
| 138     | 33.7  | 25.0   | 37.6  |       |
| 277     | 24.8  | 20.1   | 30.1  |       |

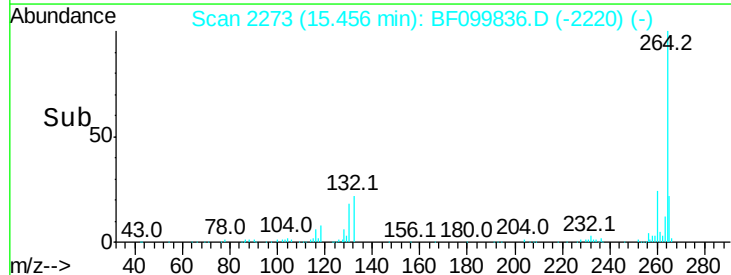
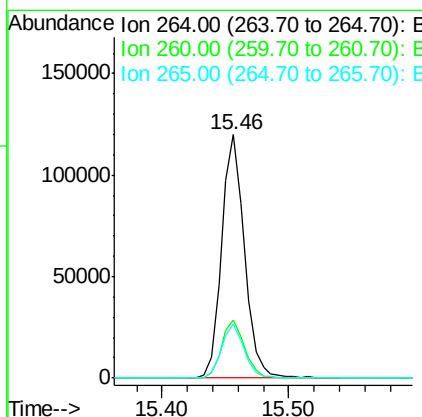
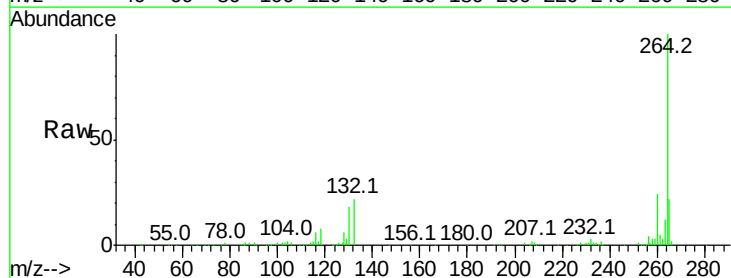
Manual Integrations  
 APPROVED

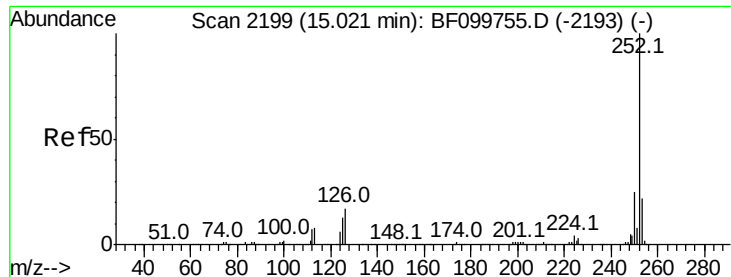
Sohil  
 10/27/2017 8:59:26 AM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.46 min Scan# 2273  
 Delta R.T. 0.01 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 149725 |       |       |
| 260     | 23.9  | 19.2   | 28.8  |       |
| 265     | 22.1  | 17.5   | 26.3  |       |





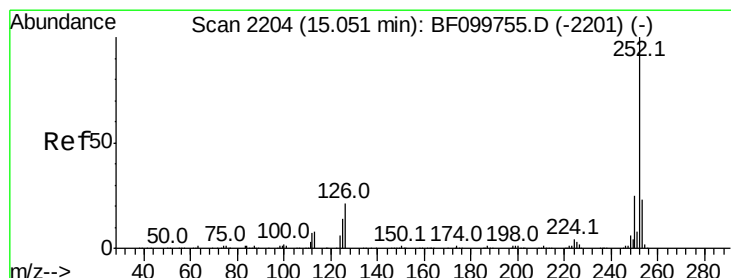
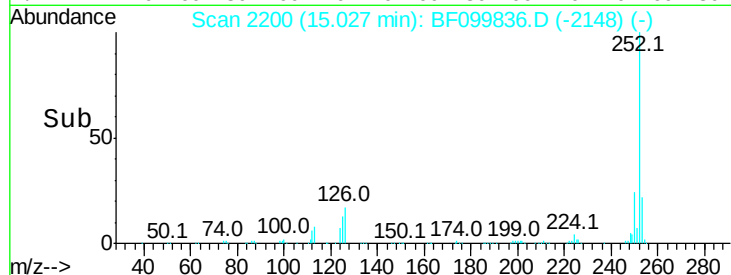
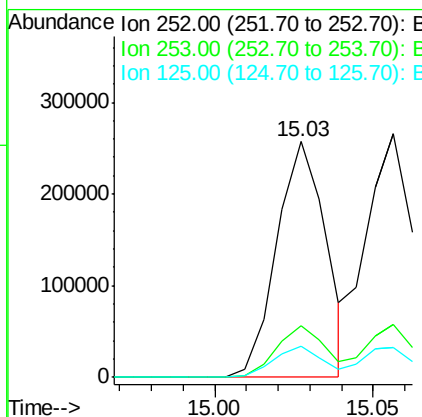
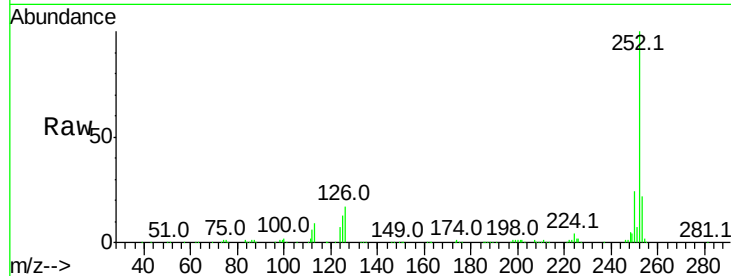
#87  
Benzo(b)fluoranthene  
Concen: 29.498 ng  
RT: 15.03 min Scan# 2200  
Delta R.T. 0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 21.9  | 17.0       | 25.6  |
| 125     | 13.0  | 9.0        | 13.6  |

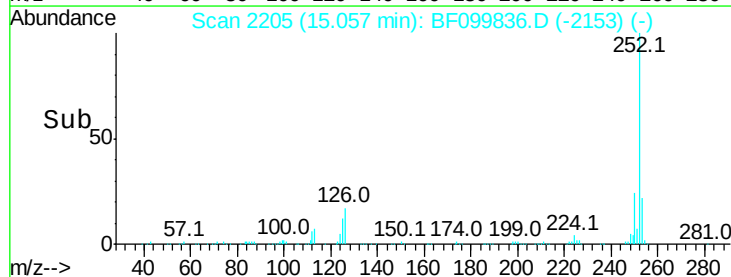
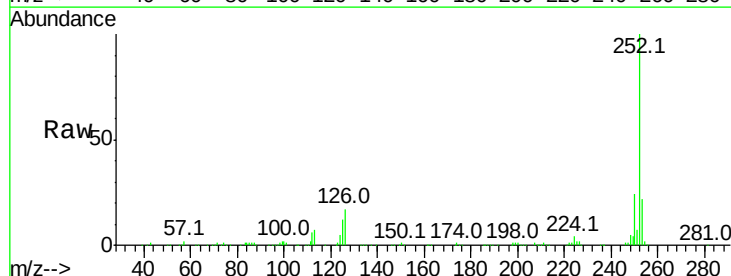
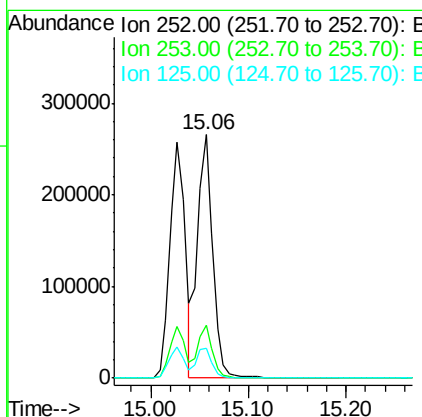
Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:59:26 AM

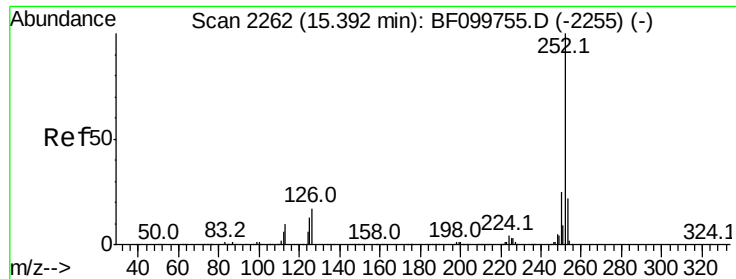


#88  
Benzo(k)fluoranthene  
Concen: 32.410 ng  
RT: 15.06 min Scan# 2205  
Delta R.T. 0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 21.7  | 17.9       | 26.9  |
| 125     | 12.2  | 10.2       | 15.2  |







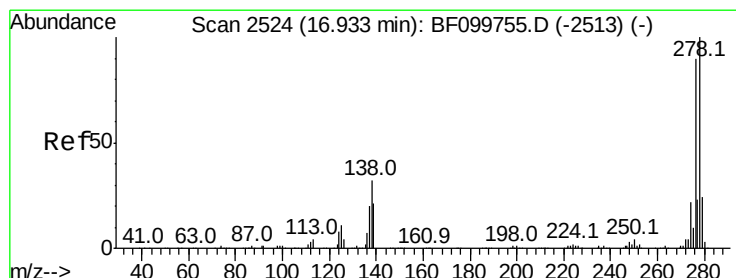
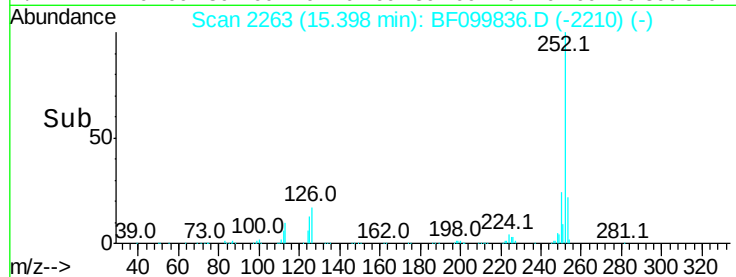
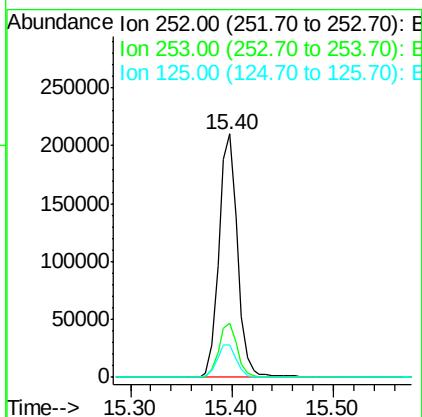
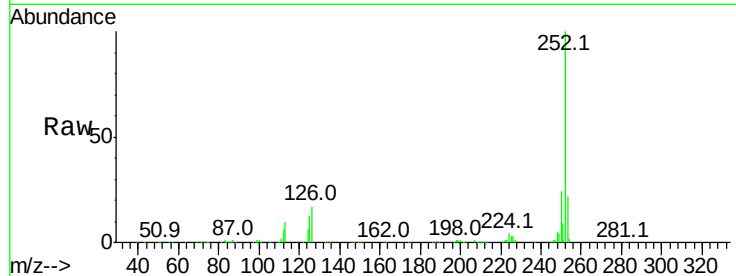
#89  
Benzo(a)pyrene  
Concen: 31.393 ng  
RT: 15.40 min Scan# 2263  
Delta R.T. 0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB103631BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.1  | 25.7  |
| 125     | 13.2  | 9.8   | 14.6  |

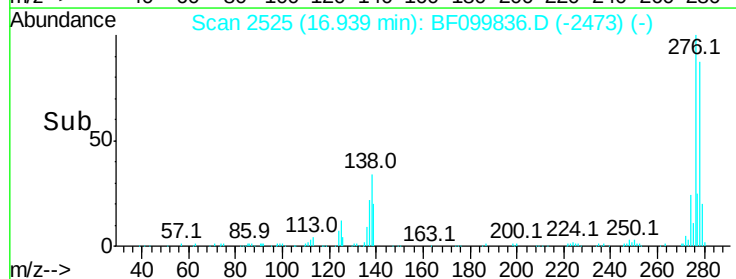
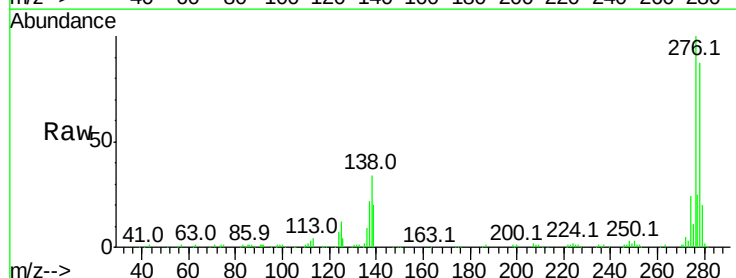
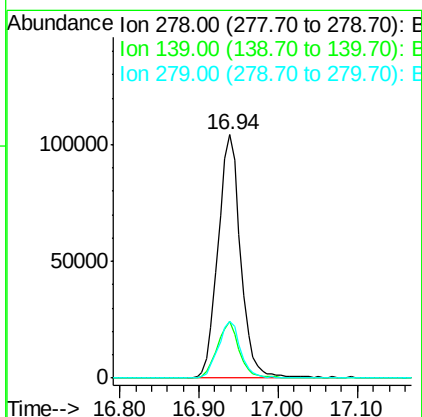
Manual Integrations  
APPROVED

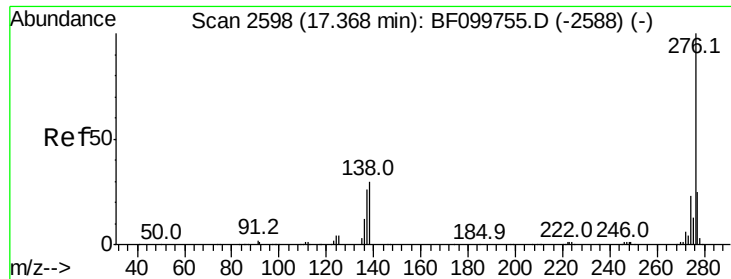
Sohil  
10/27/2017 8:59:26 AM



#90  
Dibenzo(a,h)anthracene  
Concen: 27.342 ng  
RT: 16.94 min Scan# 2525  
Delta R.T. 0.01 min  
Lab File: BF099836.D  
Acq: 26 Oct 2017 2:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 23.5  | 15.9  | 23.9  |
| 279     | 23.1  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 25.735 ng  
 RT: 17.39 min Scan# 2601  
 Delta R.T. 0.01 min  
 Lab File: BF099836.D  
 Acq: 26 Oct 2017 2:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB103631BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 277     | 22.3  | 17.9       | 26.9  |
| 138     | 30.2  | 21.8       | 32.8  |

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:59:26 AM

