

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\  
 Data File : BF104006.D  
 Acq On : 28 Mar 2018 13:32  
 Operator : JU/SJ  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

Manual Integrations  
 APPROVED

Sohil  
 3/29/2018 5:36:06 PM

Quant Time: Mar 28 14:18:07 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 28 13:41:47 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 6.97  | 152  | 119056   | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8             | 8.25  | 136  | 493456   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10           | 10.00 | 164  | 233089   | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10           | 11.50 | 188  | 433618   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12               | 14.16 | 240  | 368047   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12               | 15.71 | 264  | 380856   | 20.00  | ng    | 0.01           |
| System Monitoring Compounds    |       |      |          |        |       |                |
| 5) 2-Fluorophenol              | 5.60  | 112  | 596003   | 79.83  | ng    | 0.00           |
| 7) Phenol-d6                   | 6.60  | 99   | 729121   | 79.38  | ng    | 0.00           |
| 23) Nitrobenzene-d5            | 7.53  | 82   | 641035   | 79.45  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol       | 10.80 | 330  | 204100   | 78.64  | ng    | 0.00           |
| 44) 2-Fluorobiphenyl           | 9.32  | 172  | 1159205  | 78.42  | ng    | 0.00           |
| 78) Terphenyl-d14              | 13.09 | 244  | 1167033  | 73.21  | ng    | 0.00           |
| Target Compounds               |       |      |          |        |       |                |
| 2) 1,4-Dioxane                 | 2.82  | 88   | 130057   | 40.393 | ng    | Qvalue<br># 86 |
| 3) Pyridine                    | 3.61  | 79   | 328958m  | 40.357 | ng    |                |
| 4) n-Nitrosodimethylamine      | 3.58  | 42   | 91854m   | 37.911 | ng    |                |
| 6) Aniline                     | 6.64  | 93   | 458751   | 41.722 | ng    | 94             |
| 8) 2-Chlorophenol              | 6.76  | 128  | 324417   | 39.615 | ng    | 95             |
| 9) Benzaldehyde                | 6.52  | 77   | 205382   | 45.152 | ng    | 98             |
| 10) Phenol                     | 6.62  | 94   | 403088   | 39.609 | ng    | 98             |
| 11) bis(2-Chloroethyl)ether    | 6.70  | 93   | 349020   | 39.799 | ng    | 94             |
| 12) 1,3-Dichlorobenzene        | 6.90  | 146  | 365004   | 39.651 | ng    | 98             |
| 13) 1,4-Dichlorobenzene        | 6.98  | 146  | 386826   | 39.217 | ng    | 99             |
| 14) 1,2-Dichlorobenzene        | 7.13  | 146  | 343879   | 38.788 | ng    | 99             |
| 15) Benzyl Alcohol             | 7.11  | 79   | 245953   | 41.186 | ng    | 99             |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23  | 45   | 369938   | 38.721 | ng    | 63             |
| 17) 2-Methylphenol             | 7.22  | 107  | 270979   | 40.656 | ng    | 95             |
| 18) Hexachloroethane           | 7.47  | 117  | 129943   | 39.347 | ng    | 96             |
| 19) n-Nitroso-di-n-propylamine | 7.37  | 70   | 216724   | 39.760 | ng    | 93             |
| 20) 3+4-Methylphenols          | 7.37  | 107  | 358594   | 42.155 | ng    | # 52           |
| 22) Acetophenone               | 7.37  | 105  | 472461   | 39.573 | ng    | # 99           |
| 24) Nitrobenzene               | 7.55  | 77   | 347180   | 40.894 | ng    | 97             |
| 25) Isophorone                 | 7.78  | 82   | 556174   | 37.402 | ng    | 99             |
| 26) 2-Nitrophenol              | 7.86  | 139  | 178987   | 40.389 | ng    | 94             |
| 27) 2,4-Dimethylphenol         | 7.90  | 122  | 249658   | 39.062 | ng    | 98             |
| 28) bis(2-Chloroethoxy)methane | 7.99  | 93   | 358354   | 38.451 | ng    | 98             |
| 29) 2,4-Dichlorophenol         | 8.10  | 162  | 268237   | 40.181 | ng    | 99             |
| 30) 1,2,4-Trichlorobenzene     | 8.19  | 180  | 297289   | 39.249 | ng    | 98             |
| 31) Naphthalene                | 8.27  | 128  | 947225   | 39.292 | ng    | 99             |
| 32) Benzoic acid               | 8.03  | 122  | 179534m  | 38.345 | ng    |                |
| 33) 4-Chloroaniline            | 8.32  | 127  | 408147   | 40.159 | ng    | 98             |
| 34) Hexachlorobutadiene        | 8.37  | 225  | 159138   | 38.609 | ng    | 98             |
| 35) Caprolactam                | 8.70  | 113  | 85928    | 40.595 | ng    | # 78           |
| 36) 4-Chloro-3-methylphenol    | 8.80  | 107  | 285120   | 40.380 | ng    | 98             |
| 37) 2-Methylnaphthalene        | 8.96  | 142  | 619666   | 39.023 | ng    | 98             |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12  | 216  | 276696   | 38.711 | ng    | 98             |
| 40) Hexachlorocyclopentadiene  | 9.10  | 237  | 115443   | 37.389 | ng    | 99             |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\  
 Data File : BF104006.D  
 Acq On : 28 Mar 2018 13:32  
 Operator : JU/SJ  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

Manual Integrations  
 APPROVED

Sohil  
 3/29/2018 5:36:06 PM

Quant Time: Mar 28 14:18:07 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 28 13:41:47 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.24  | 196  | 174137   | 38.474 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.29  | 196  | 219538   | 40.173 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 771745   | 38.577 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 612089   | 38.788 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.56  | 65   | 178898   | 39.757 | nq    | 92       |
| 48) Acenaphthylene             | 9.87  | 152  | 929405   | 38.876 | nq    | 100      |
| 49) Dimethylphthalate          | 9.72  | 163  | 705835   | 38.354 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.79  | 165  | 160181   | 40.457 | nq    | 88       |
| 51) Acenaphthene               | 10.04 | 154  | 533726   | 38.592 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.97  | 138  | 181257   | 39.825 | nq    | 93       |
| 53) 2,4-Dinitrophenol          | 10.07 | 184  | 67009    | 41.640 | nq    | # 27     |
| 54) Dibenzofuran               | 10.21 | 168  | 778229   | 38.534 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 112632   | 41.273 | nq    | 92       |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 205419   | 40.660 | nq    | # 93     |
| 57) Fluorene                   | 10.56 | 166  | 640953   | 38.474 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 162085   | 39.587 | nq    | 90       |
| 59) Diethylphthalate           | 10.42 | 149  | 673330   | 38.192 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.55 | 204  | 290965   | 38.027 | nq    | 94       |
| 61) 4-Nitroaniline             | 10.59 | 138  | 171370   | 40.240 | nq    | 93       |
| 62) Azobenzene                 | 10.70 | 77   | 623654   | 39.121 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198  | 107618   | 41.001 | nq    | 79       |
| 65) n-Nitrosodiphenylamine     | 10.67 | 169  | 563690   | 38.385 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 11.03 | 248  | 178713   | 38.523 | nq    | 95       |
| 67) Hexachlorobenzene          | 11.10 | 284  | 204520   | 38.326 | nq    | # 89     |
| 68) Atrazine                   | 11.19 | 200  | 172277   | 38.293 | nq    | 98       |
| 69) Pentachlorophenol          | 11.30 | 266  | 114380   | 38.951 | nq    | 99       |
| 70) Phenanthrene               | 11.53 | 178  | 908542   | 38.700 | nq    | 98       |
| 71) Anthracene                 | 11.58 | 178  | 953410   | 38.880 | nq    | 99       |
| 72) Carbazole                  | 11.74 | 167  | 920701   | 39.339 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.05 | 149  | 1039723  | 37.295 | nq    | 100      |
| 74) Fluoranthene               | 12.72 | 202  | 976007   | 39.112 | nq    | 97       |
| 76) Benzidine                  | 12.85 | 184  | 418240   | 39.876 | nq    | 97       |
| 77) Pyrene                     | 12.95 | 202  | 1000420  | 37.813 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.55 | 149  | 457265   | 36.685 | nq    | 100      |
| 80) Benzo(a)anthracene         | 14.15 | 228  | 886138   | 38.479 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.11 | 252  | 291015   | 38.177 | nq    | 97       |
| 82) Chrysene                   | 14.19 | 228  | 862743   | 38.249 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.11 | 149  | 566240   | 35.159 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.74 | 149  | 1006903  | 36.345 | nq    | # 94     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.30 | 276  | 933697   | 39.946 | nq    | 96       |
| 87) Benzo(b)fluoranthene       | 15.25 | 252  | 854172   | 36.852 | nq    | 100      |
| 88) Benzo(k)fluoranthene       | 15.28 | 252  | 877243   | 40.177 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.64 | 252  | 821247   | 38.234 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.32 | 278  | 766233   | 38.584 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.79 | 276  | 776235   | 39.024 | nq    | 97       |

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





#1

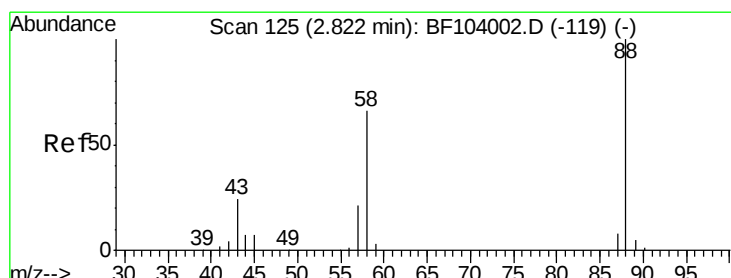
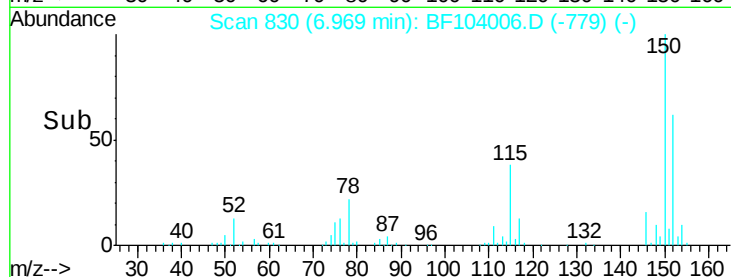
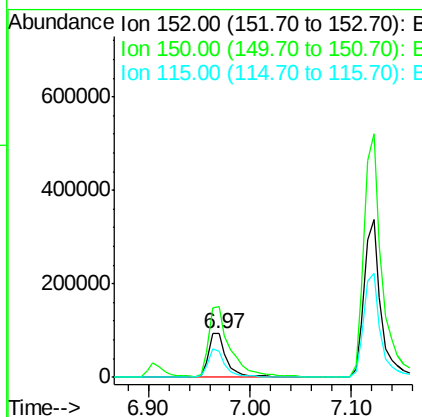
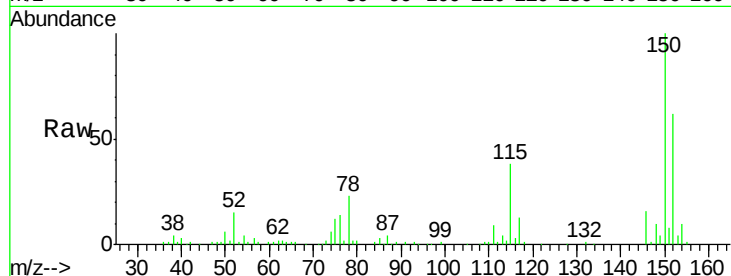
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.97 min Scan# 830  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.8 | 124.6 | 186.8 |
| 115     | 60.7  | 50.1  | 75.1  |

Manual Integrations  
 APPROVED

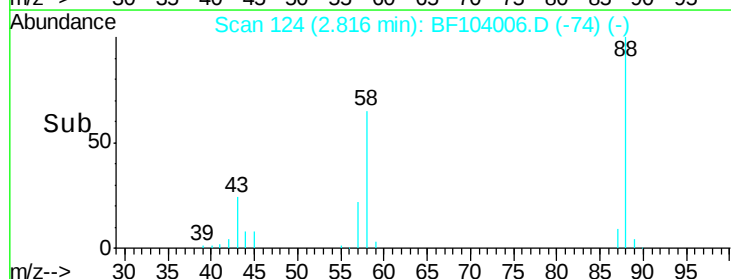
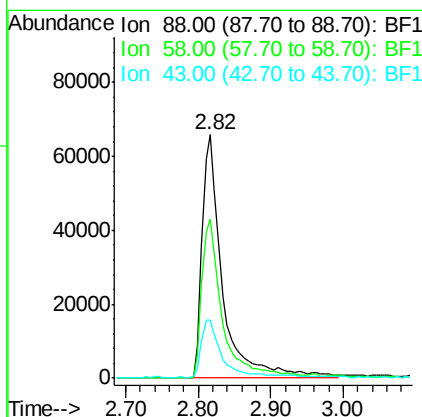
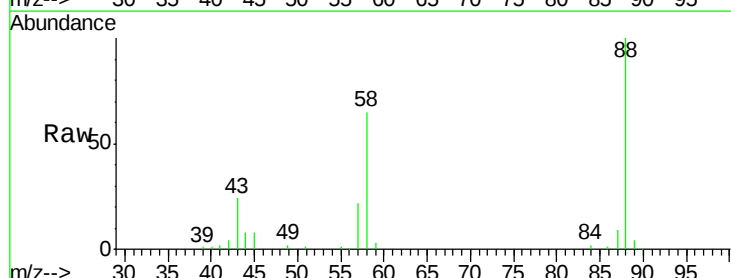
Sohil  
 3/29/2018 5:36:06 PM

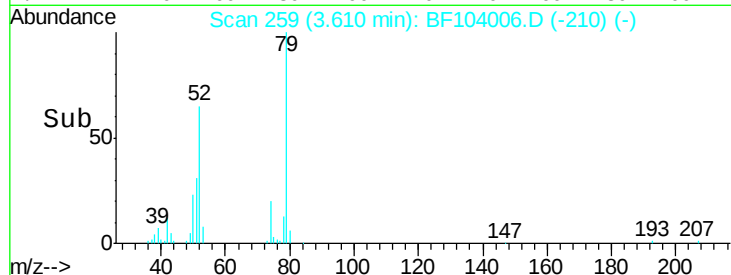
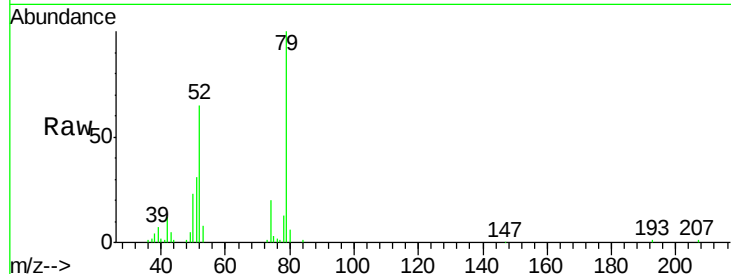
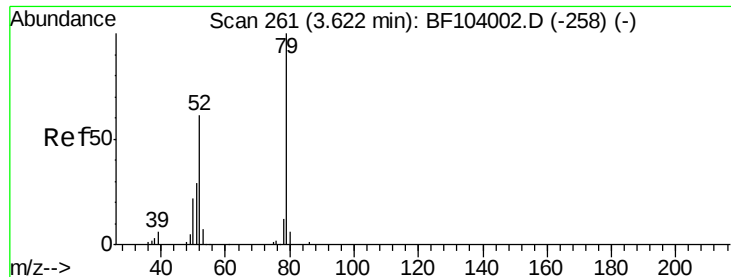


#2

1,4-Dioxane  
 Concen: 40.393 ng  
 RT: 2.82 min Scan# 124  
 Delta R.T. -0.01 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 65.4  | 62.6  | 93.8  |
| 43      | 23.6  | 24.6  | 37.0  |





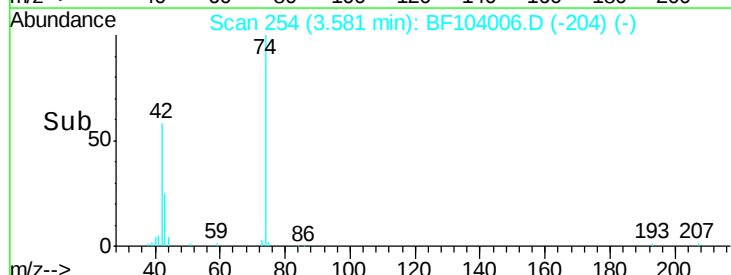
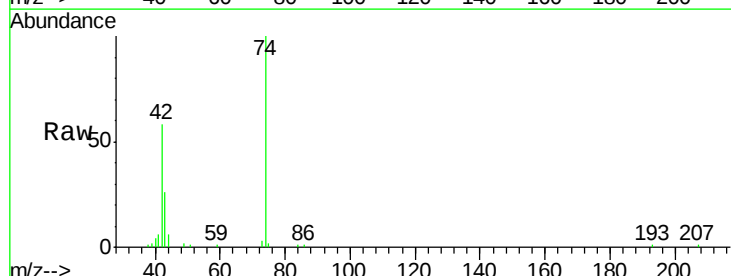
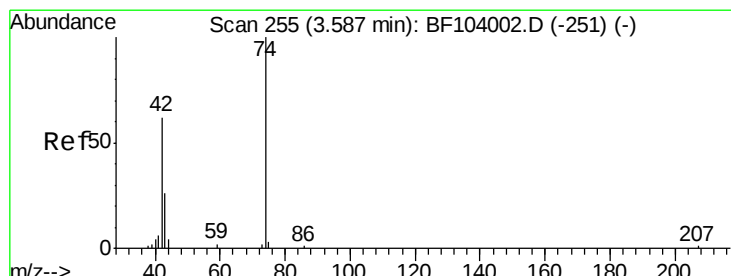
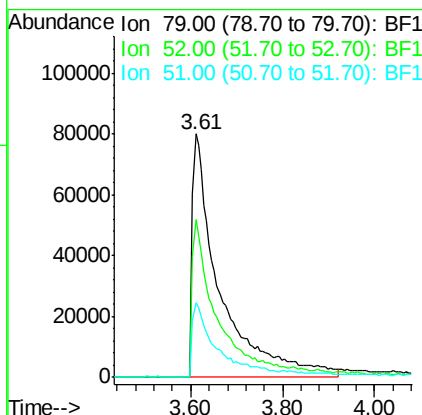
#3  
 Pvridine  
 Concen: 40.357 ng m  
 RT: 3.61 min Scan# 259  
 Delta R.T. -0.01 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 328958 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 64.9  | 59.8  | 89.6   |
| 51        | 30.7  | 29.8  | 44.8   |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

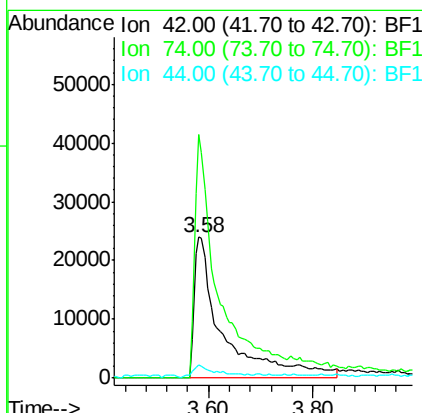
Manual Integrations  
 APPROVED

Sohil  
 3/29/2018 5:36:06 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 37.911 ng m  
 RT: 3.58 min Scan# 254  
 Delta R.T. -0.01 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 91854  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 173.0 | 104.9 | 157.3# |
| 44        | 9.7   | 6.9   | 10.3   |





#5

2-Fluorophenol

Concen: 79.834 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA\_F

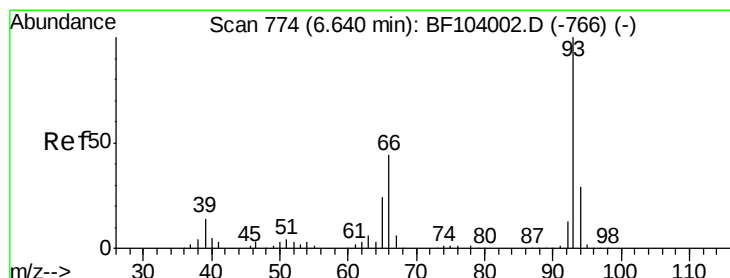
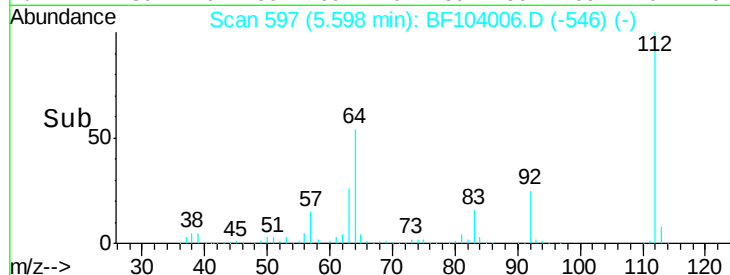
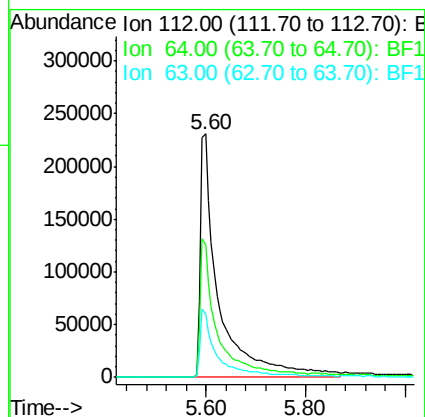
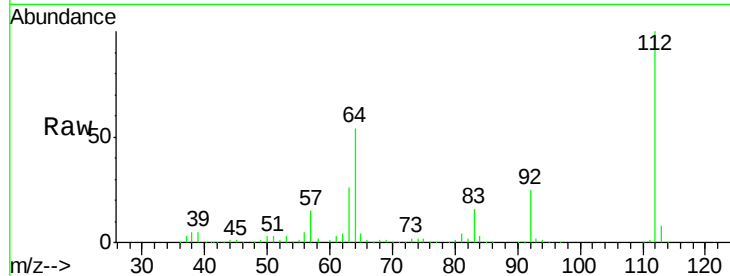
ClientSampleId :

ICVBF032818

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 596003 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 54.2  | 47.9  | 71.9   |
| 63        | 26.0  | 23.7  | 35.5   |

Manual Integrations  
APPROVED

Sohil  
3/29/2018 5:36:06 PM



#6

Aniline

Concen: 41.722 ng

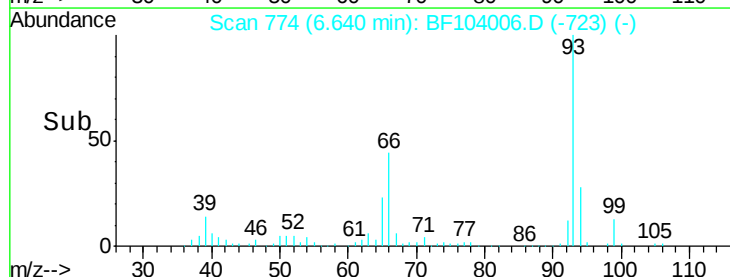
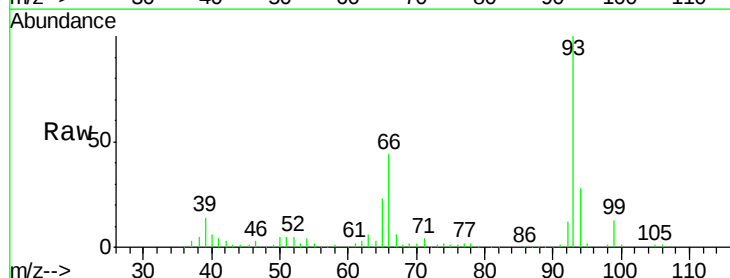
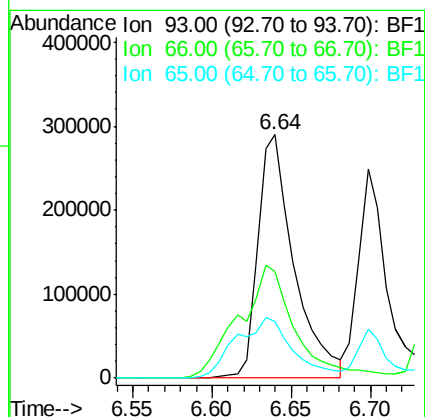
RT: 6.64 min Scan# 774

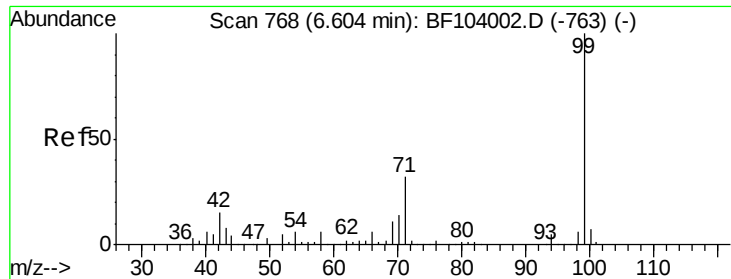
Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 458751 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 44.0  | 32.2  | 48.2   |
| 65        | 23.4  | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 79.383 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA\_F

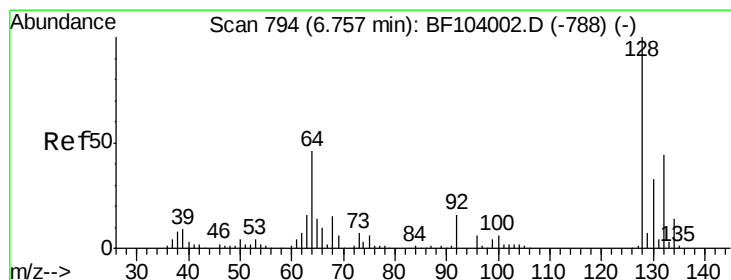
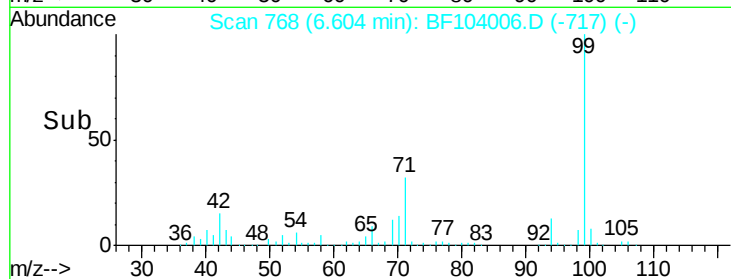
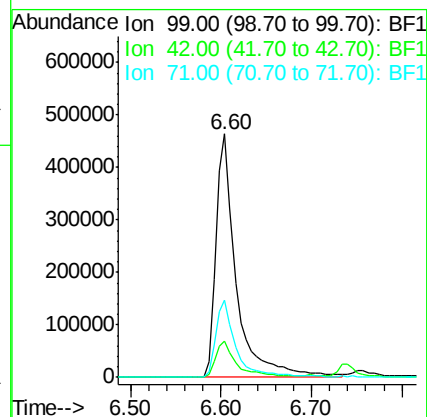
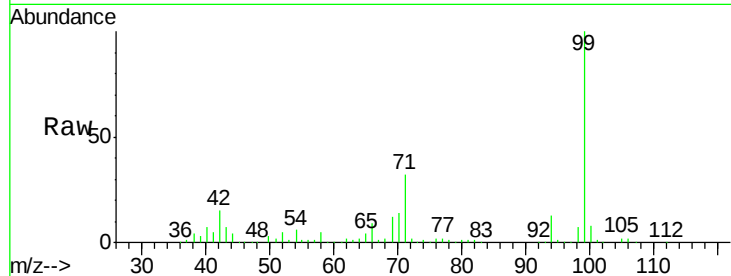
ClientSampleId :

ICVBF032818

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 729121 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.0  | 14.5  | 21.7   |
| 71        | 31.5  | 25.4  | 38.0   |

Manual Integrations  
APPROVED

Sohil  
3/29/2018 5:36:06 PM



#8

2-Chlorophenol

Concen: 39.615 ng

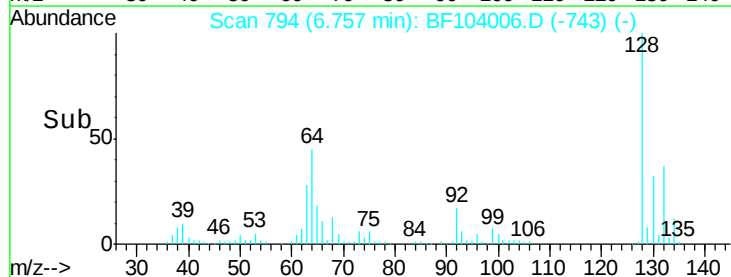
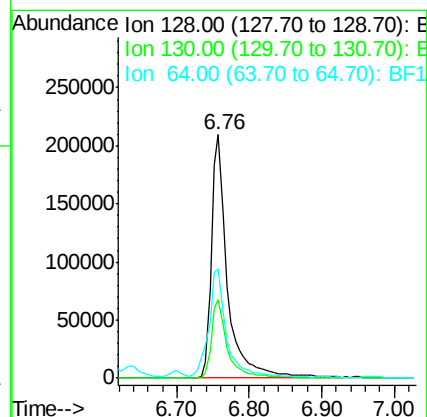
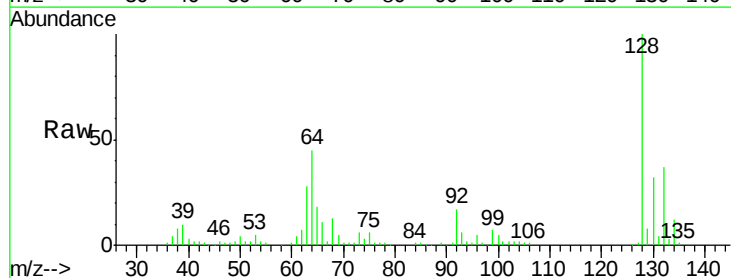
RT: 6.76 min Scan# 794

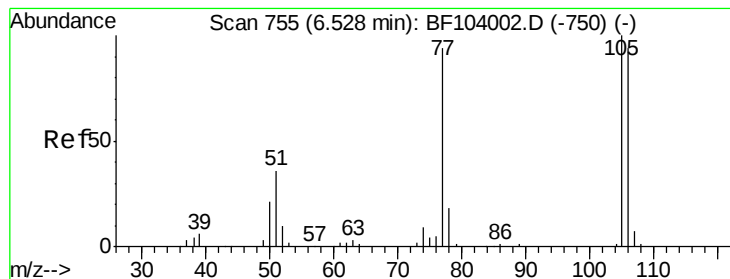
Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 324417 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.2  | 13.0  | 53.0   |
| 64        | 44.9  | 29.4  | 69.4   |





#9

Benzaldehyde

Concen: 45.152 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA\_F

ClientSampleId :

ICVBF032818

Tot Ion: 77 Resp: 205382

Ion Ratio Lower Upper

77 100

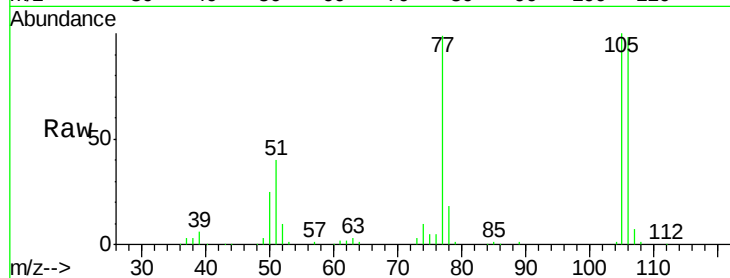
105 100.9 81.1 121.1

106 98.6 74.5 114.5

Manual Integrations  
APPROVED

Sohil

3/29/2018 5:36:06 PM

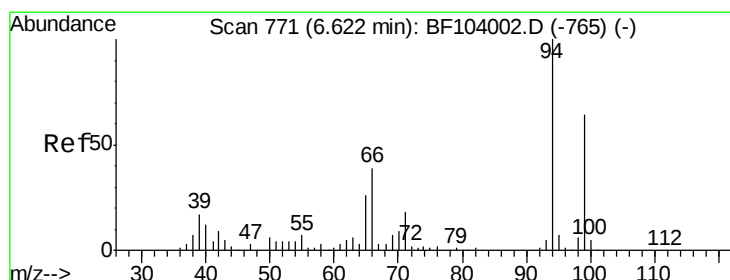
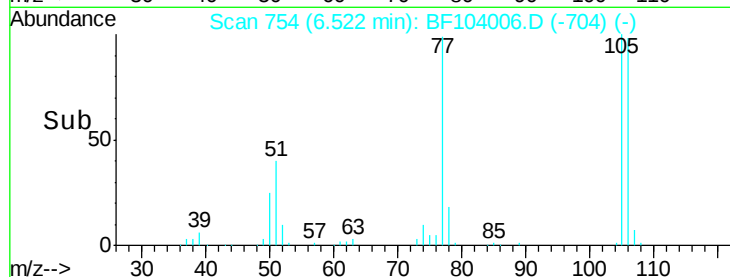
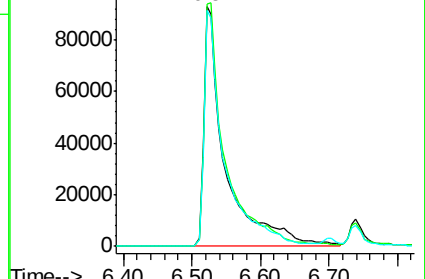


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.52



#10

Phenol

Concen: 39.609 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

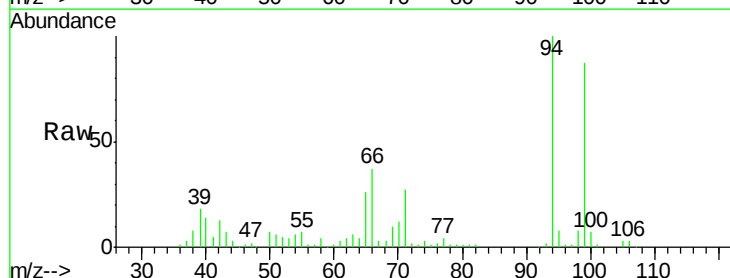
Tgt Ion: 94 Resp: 403088

Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

66 36.7 16.2 56.2

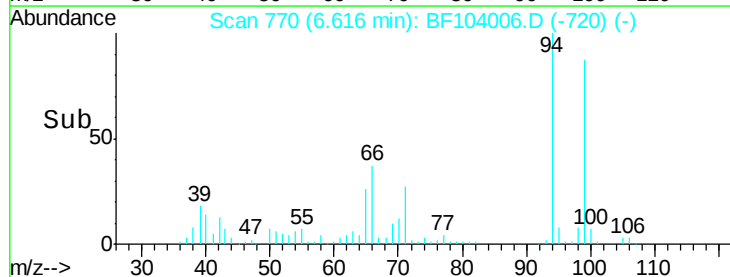
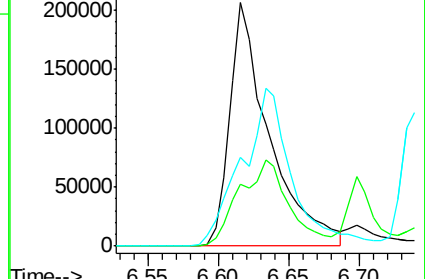


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.62





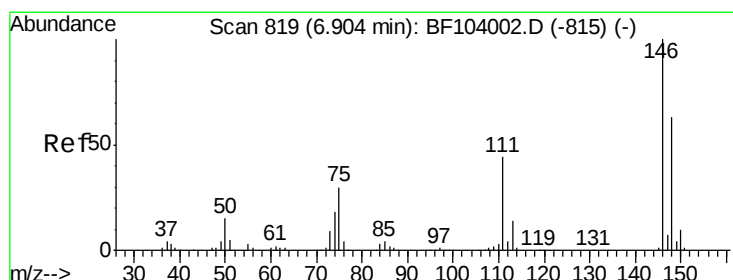
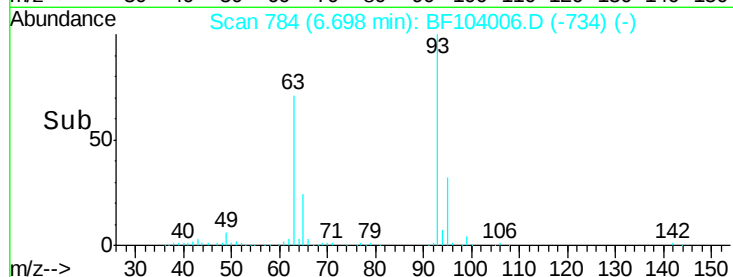
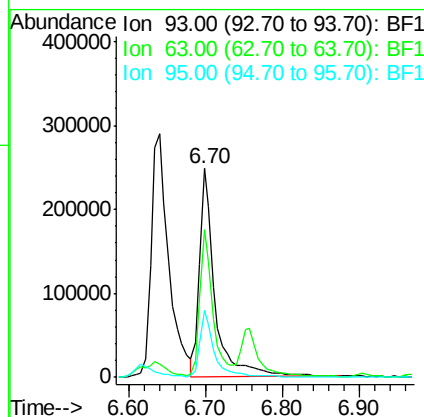
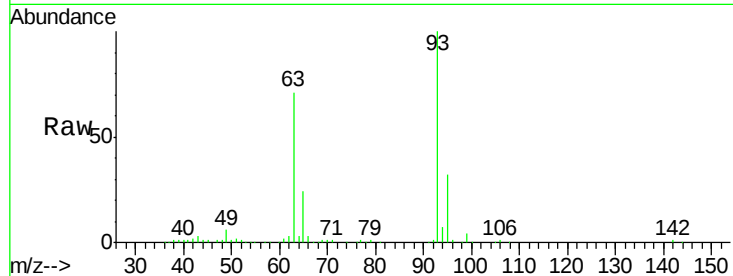
#11  
bis(2-Chloroethyl)ether  
Concen: 39.799 ng  
RT: 6.70 min Scan# 784  
Delta R.T. -0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 349020 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 71.0  | 58.6  | 98.6   |
| 95        | 31.9  | 11.8  | 51.8   |

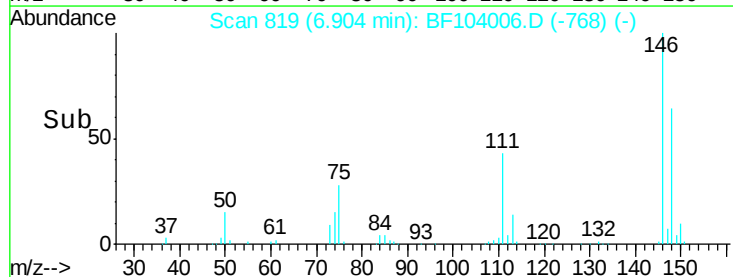
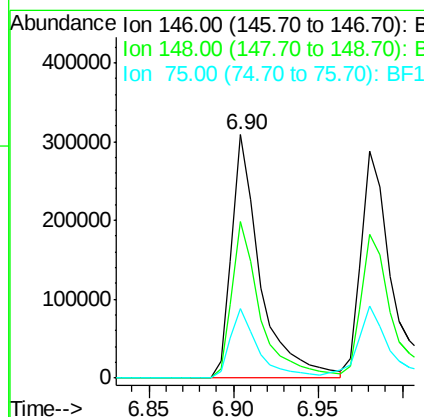
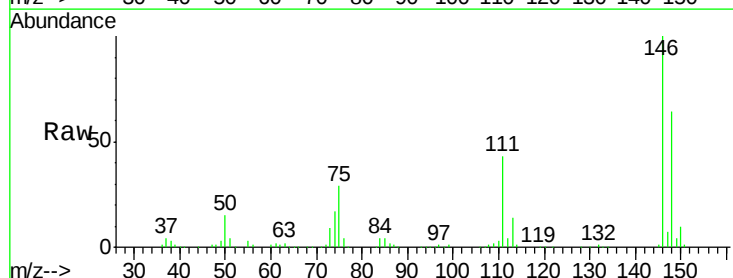
Manual Integrations  
APPROVED

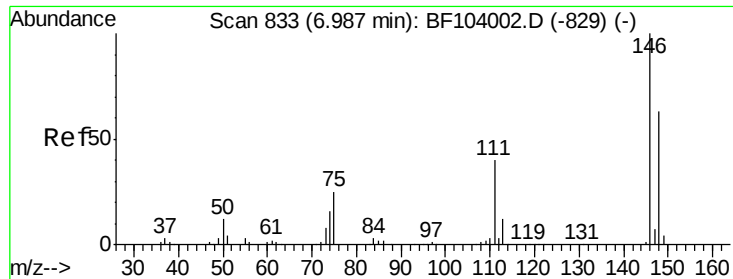
Sohil  
3/29/2018 5:36:06 PM



#12  
1,3-Dichlorobenzene  
Concen: 39.651 ng  
RT: 6.90 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 365004 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.2  | 51.8  | 77.8   |
| 75        | 28.6  | 24.2  | 36.4   |





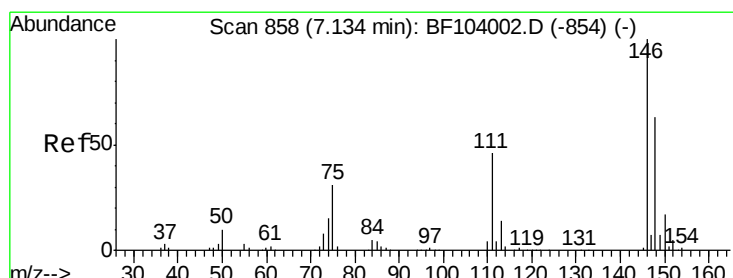
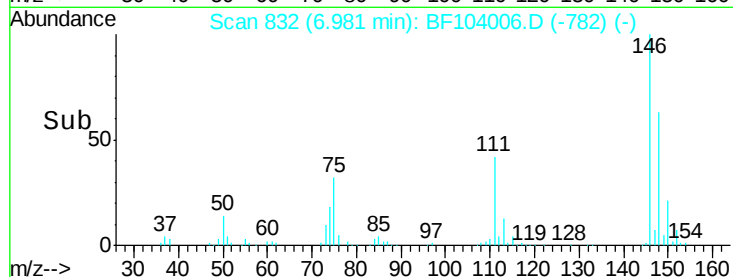
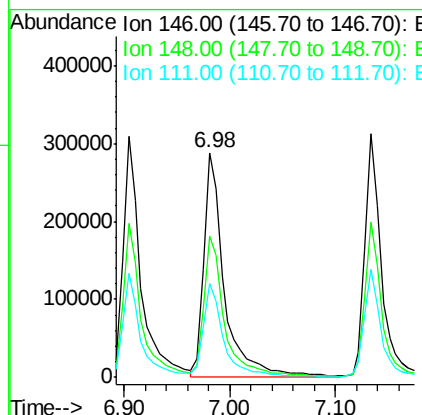
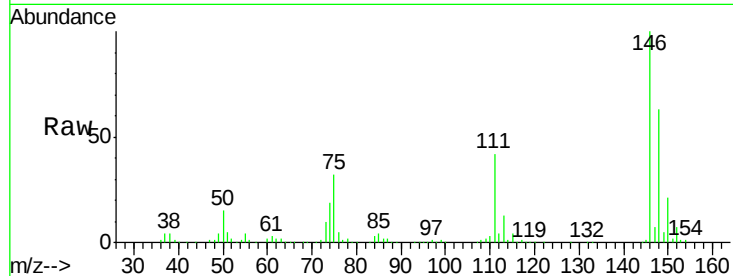
#13  
 1,4-Dichlorobenzene  
 Concen: 39.217 ng  
 RT: 6.98 min Scan# 832  
 Delta R.T. -0.01 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 50.8  | 76.2  |
| 111     | 41.6  | 34.2  | 51.2  |

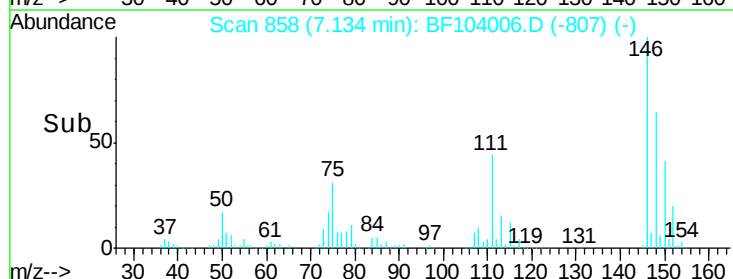
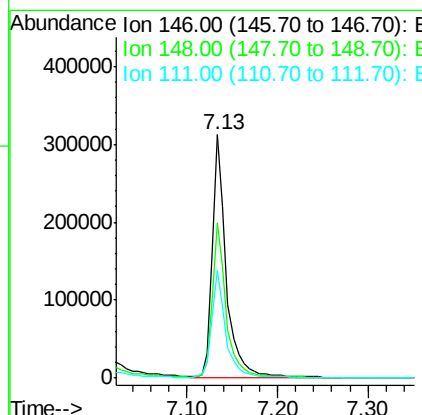
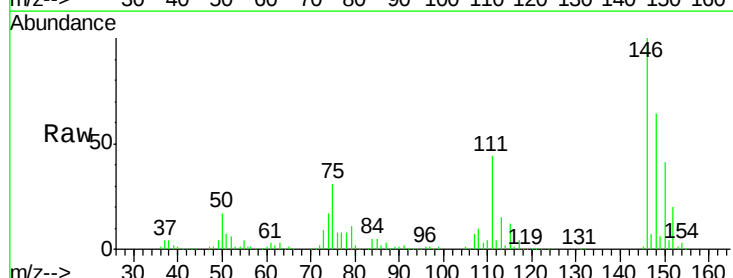
Manual Integrations  
 APPROVED

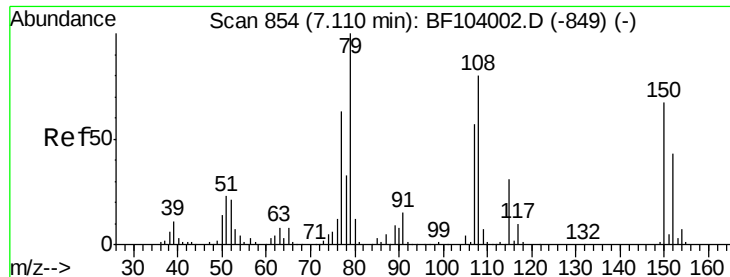
Sohil  
 3/29/2018 5:36:06 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 38.788 ng  
 RT: 7.13 min Scan# 858  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 50.6  | 75.8  |
| 111     | 44.4  | 36.0  | 54.0  |





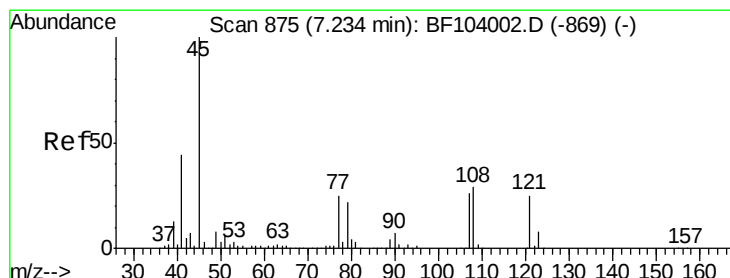
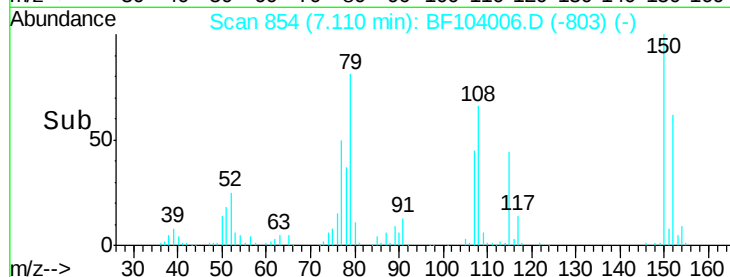
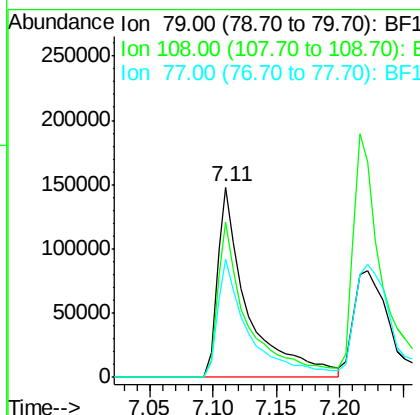
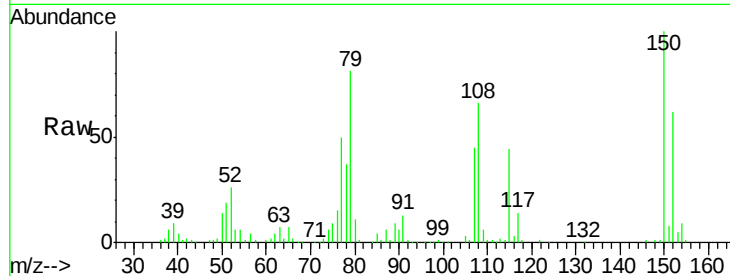
#15  
Benzyl Alcohol  
Concen: 41.186 ng  
RT: 7.11 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 81.9  | 65.1  | 97.7  |
| 77      | 62.1  | 50.6  | 75.8  |

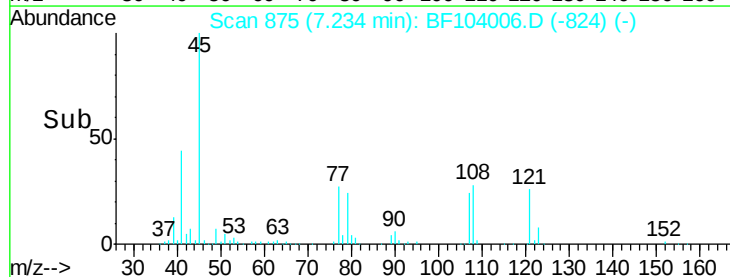
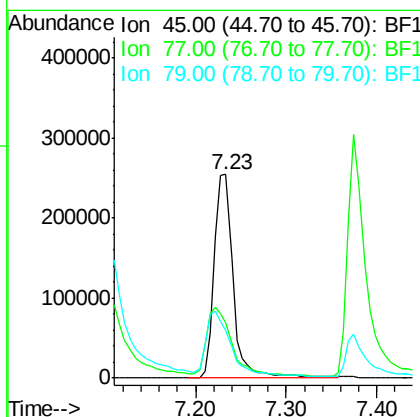
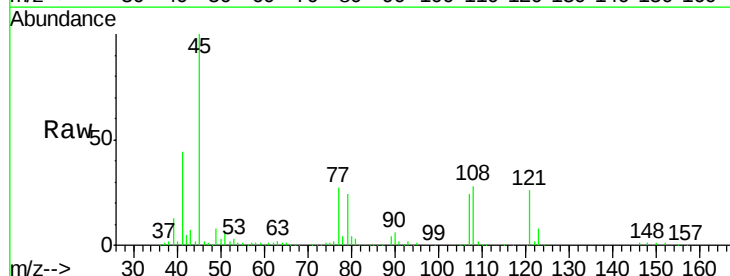
Manual Integrations  
APPROVED

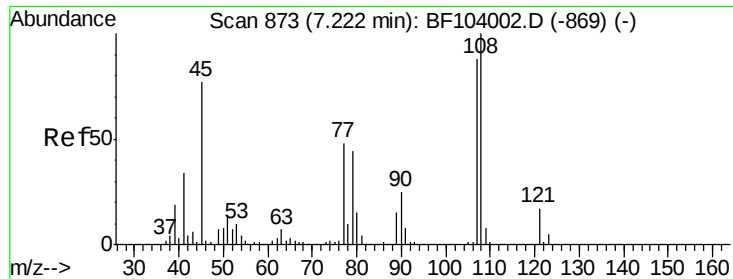
Sohil  
3/29/2018 5:36:06 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 38.721 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 27.0  | 0.0   | 32.9  |
| 79      | 23.6  | 0.0   | 29.6  |





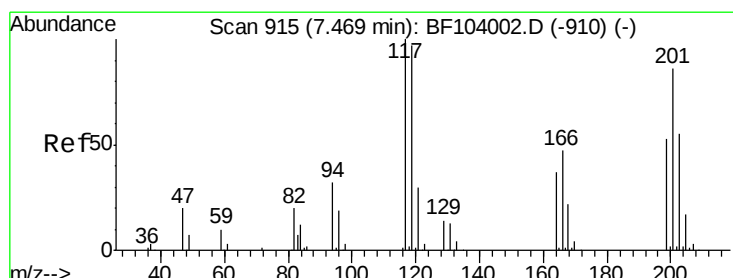
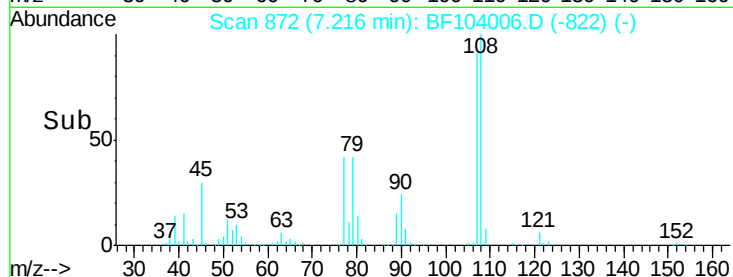
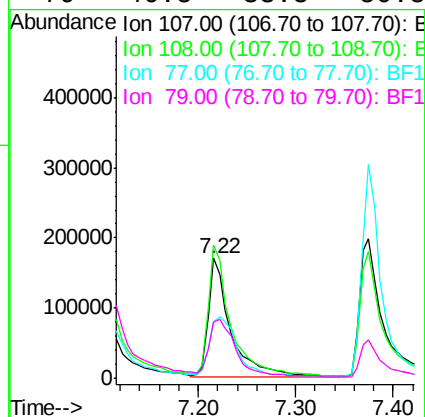
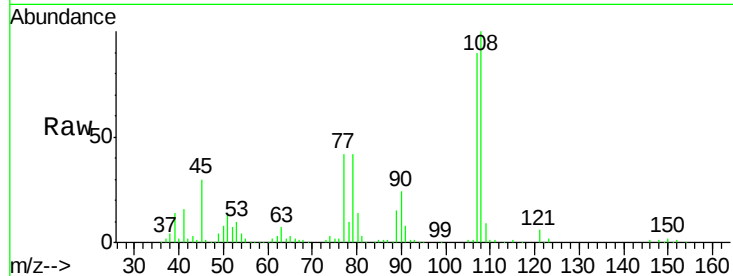
#17  
2-Methylphenol  
Concen: 40.656 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | 107   | Resp  | 270979 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 107     | 100   |       |        |
| 108     | 110.6 | 91.7  | 137.5  |
| 77      | 46.7  | 33.8  | 50.8   |
| 79      | 46.5  | 33.8  | 50.8   |

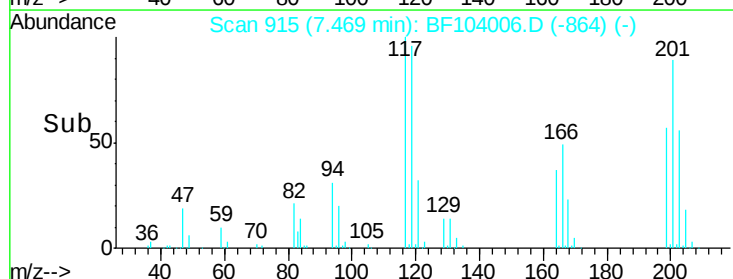
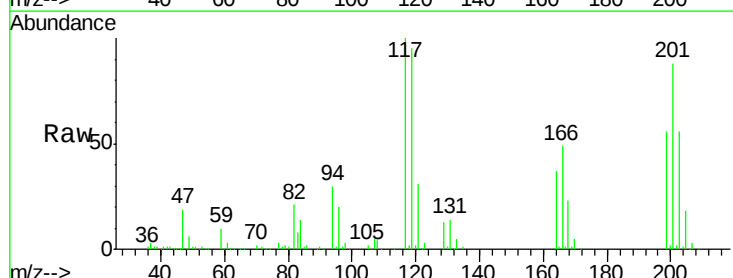
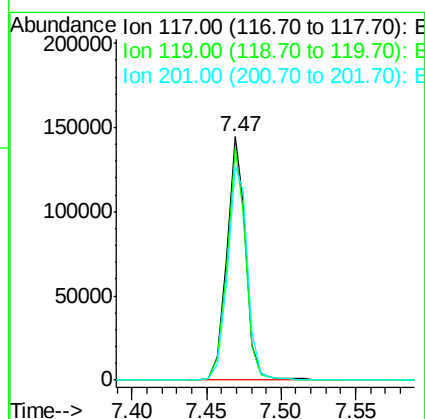
Manual Integrations  
APPROVED

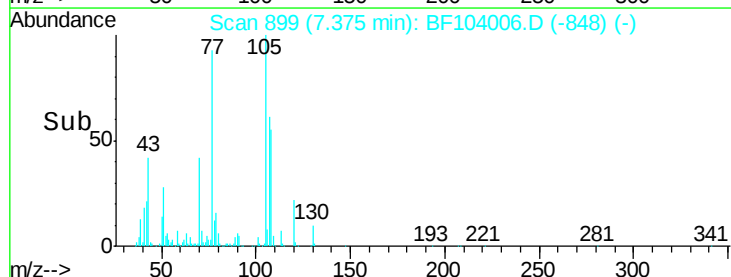
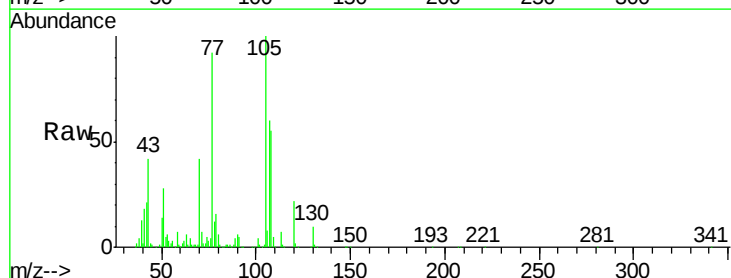
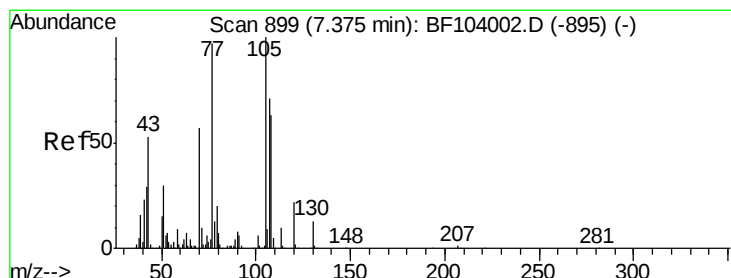
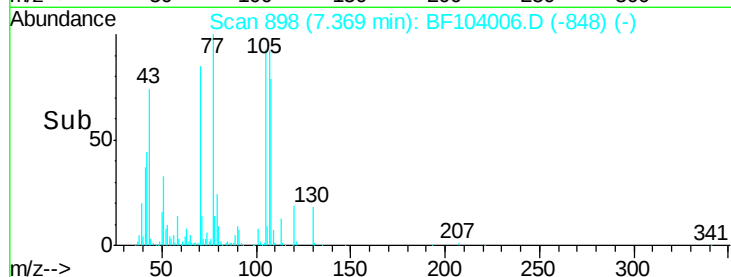
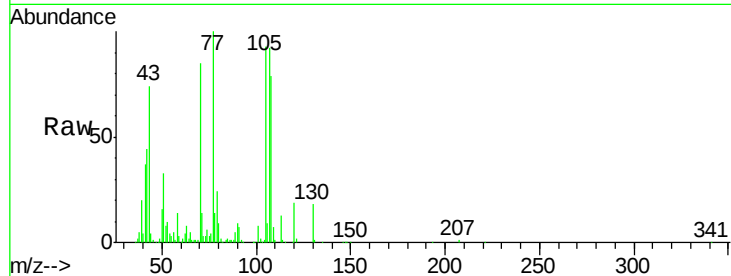
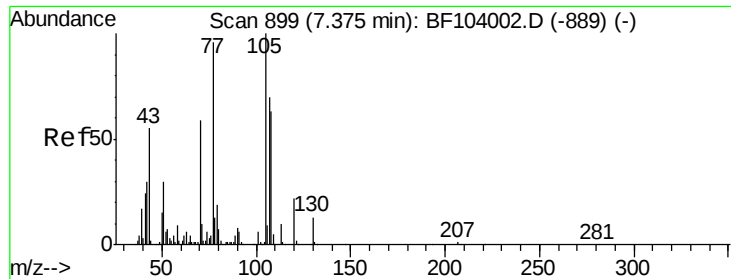
Sohil  
3/29/2018 5:36:06 PM



#18  
Hexachloroethane  
Concen: 39.347 ng  
RT: 7.47 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | 117   | Resp  | 129943 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 117     | 100   |       |        |
| 119     | 95.1  | 75.8  | 113.8  |
| 201     | 87.8  | 75.7  | 113.5  |





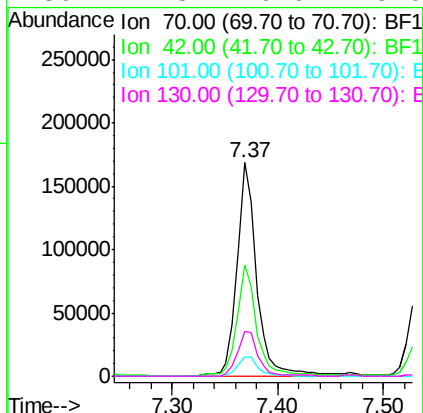
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.760 ng  
RT: 7.37 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 51.9  | 47.5  | 71.3  |
| 101     | 9.1   | 7.4   | 11.2  |
| 130     | 21.3  | 16.6  | 25.0  |

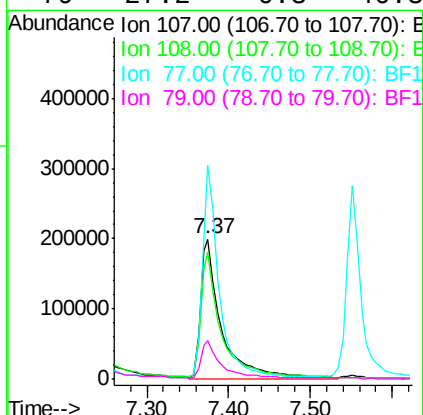
Manual Integrations  
APPROVED

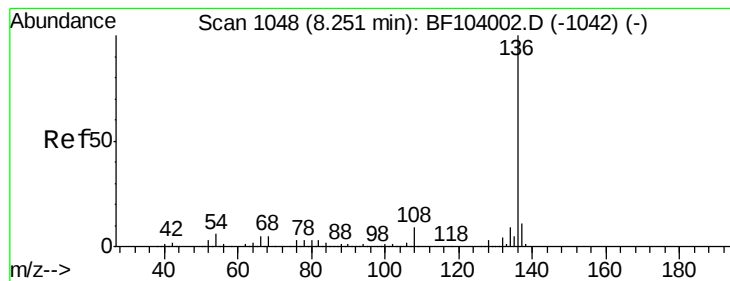
Sohil  
3/29/2018 5:36:06 PM



#20  
3+4-Methylphenols  
Concen: 42.155 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.6  | 68.2  | 108.2 |
| 77      | 152.9 | 26.7  | 66.7# |
| 79      | 27.2  | 6.3   | 46.3  |





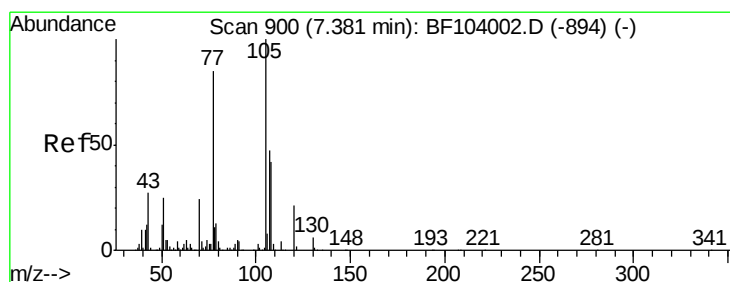
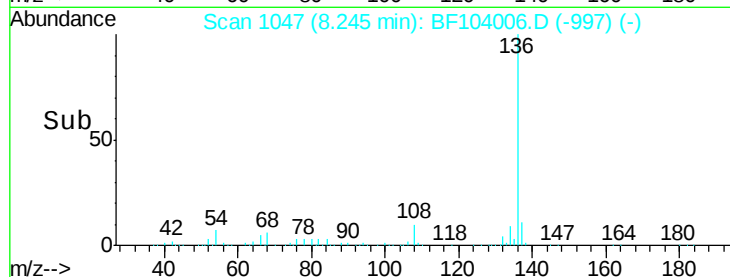
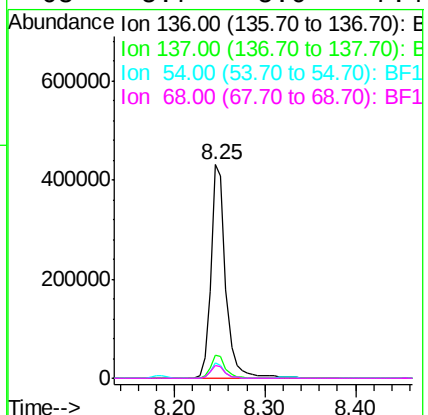
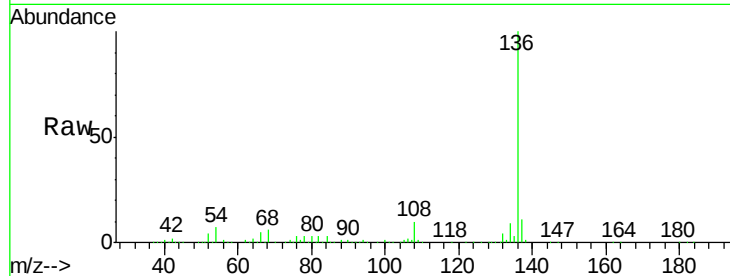
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. -0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 493456 |       |       |
| 137     | 11.0 |       | 8.9    | 13.3  |       |
| 54      | 6.9  |       | 6.6    | 9.8   |       |
| 68      | 5.7  |       | 5.0    | 7.4   |       |

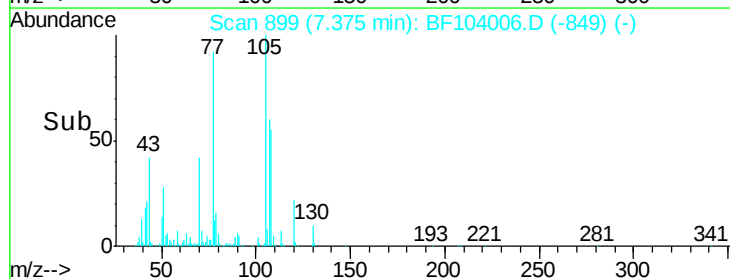
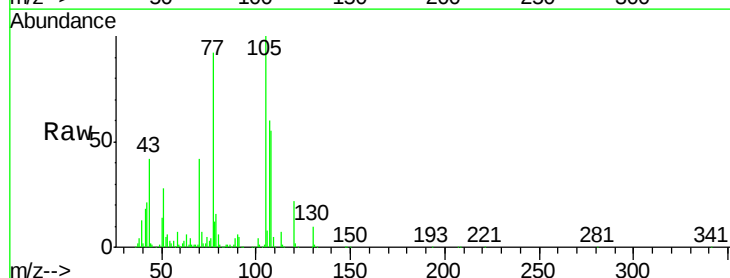
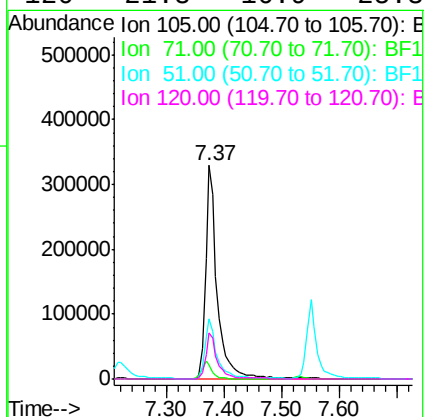
Manual Integrations  
APPROVED

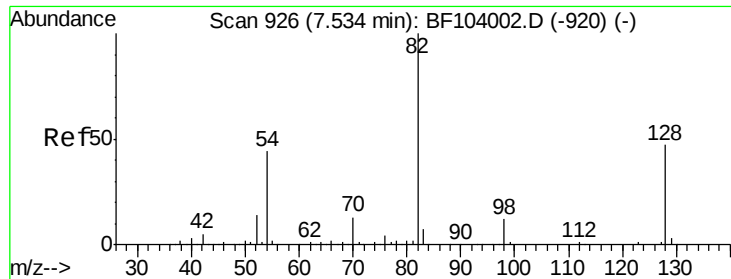
Sohil  
3/29/2018 5:36:06 PM



#22  
Acetophenone  
Concen: 39.573 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 472461 |       |       |
| 71      | 6.9  |       | 4.4    | 6.6#  |       |
| 51      | 28.3 |       | 22.3   | 33.5  |       |
| 120     | 21.8 |       | 16.9   | 25.3  |       |





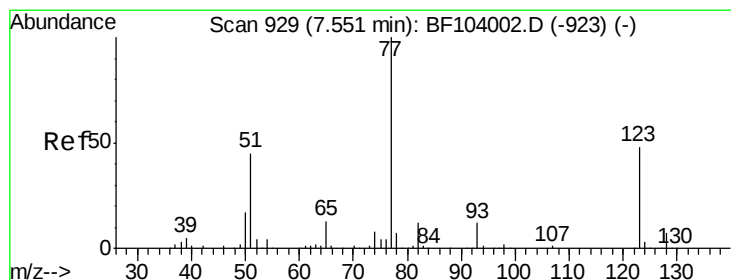
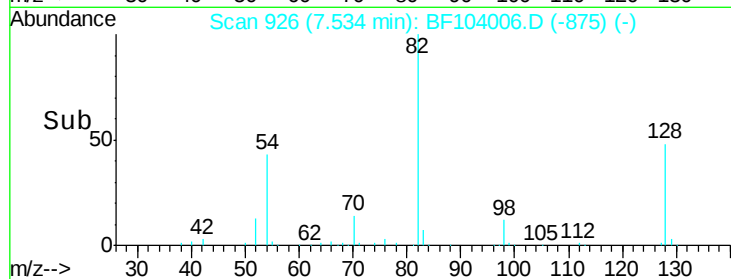
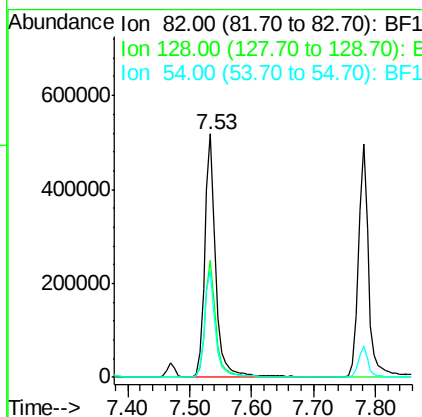
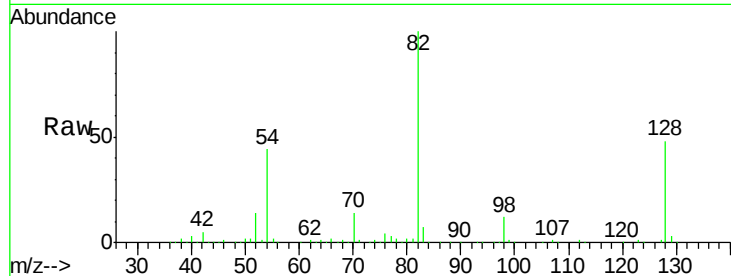
#23  
Nitrobenzene-d5  
Concen: 79.445 ng  
RT: 7.53 min Scan# 926  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 48.0  | 36.1  | 54.1  |
| 54      | 43.8  | 41.4  | 62.2  |

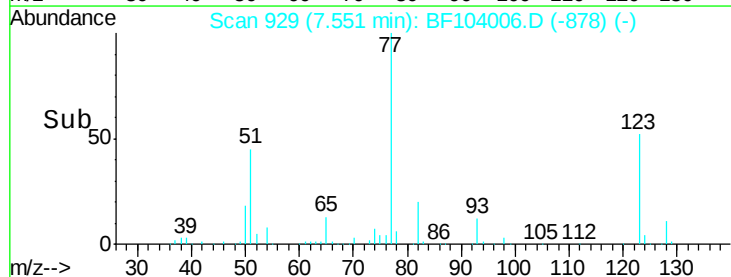
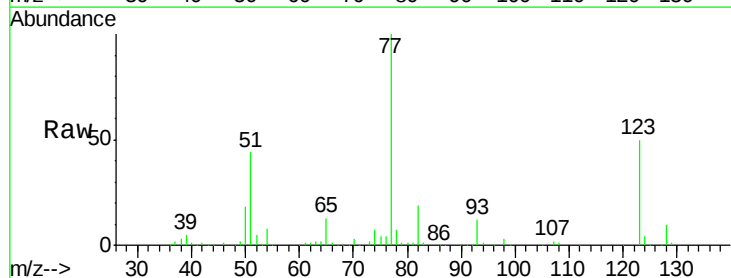
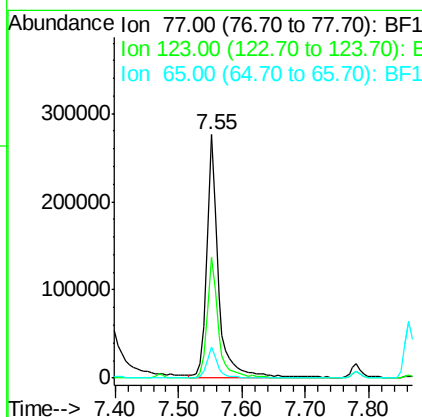
Manual Integrations  
APPROVED

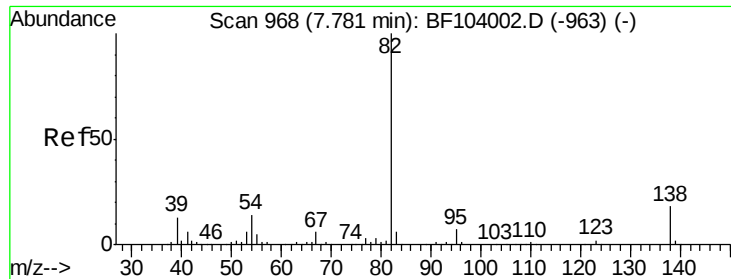
Sohil  
3/29/2018 5:36:06 PM



#24  
Nitrobenzene  
Concen: 40.894 ng  
RT: 7.55 min Scan# 929  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.5  | 37.9  | 56.9  |
| 65      | 12.7  | 11.0  | 16.4  |





#25

Isophorone

Concen: 37.402 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA\_F

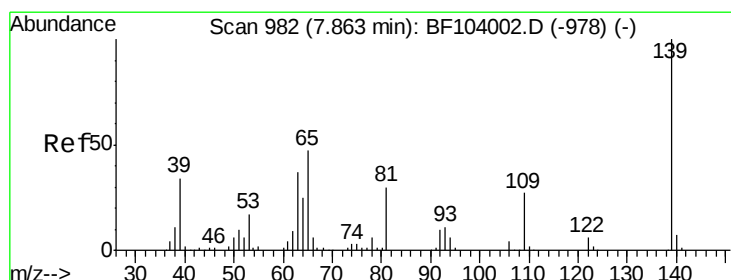
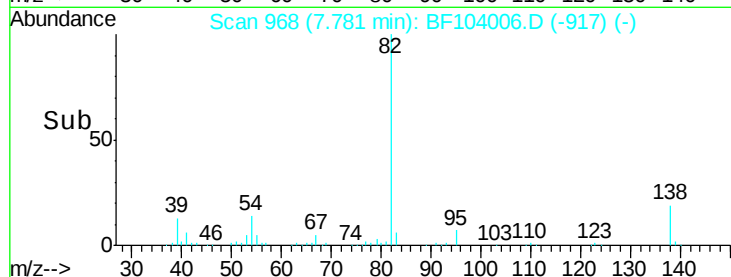
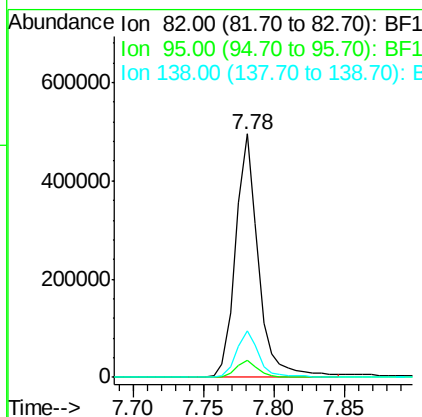
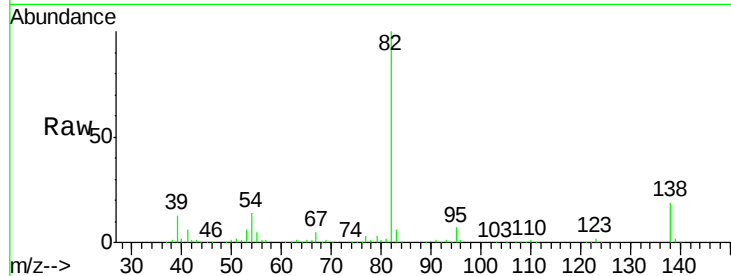
ClientSampleId :

ICVBF032818

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 82    | Resp: | 556174 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 95       | 7.0   | 5.2   | 7.8    |
| 138      | 19.0  | 14.9  | 22.3   |

Manual Integrations  
APPROVED

Sohil  
3/29/2018 5:36:06 PM



#26

2-Nitrophenol

Concen: 40.389 ng

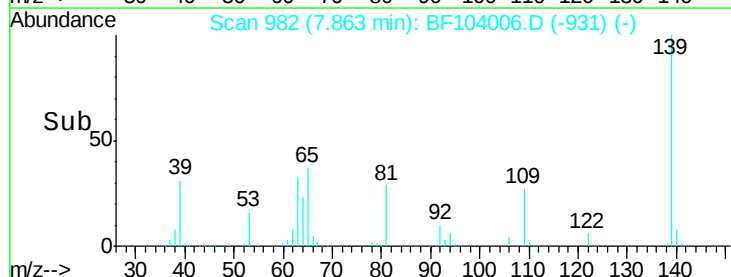
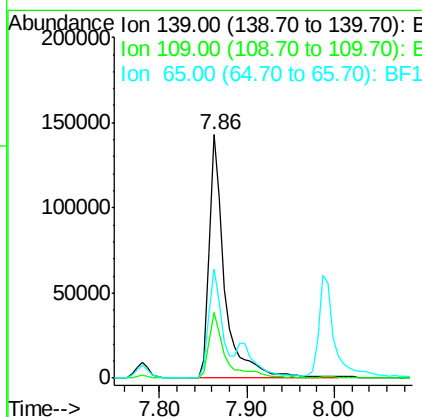
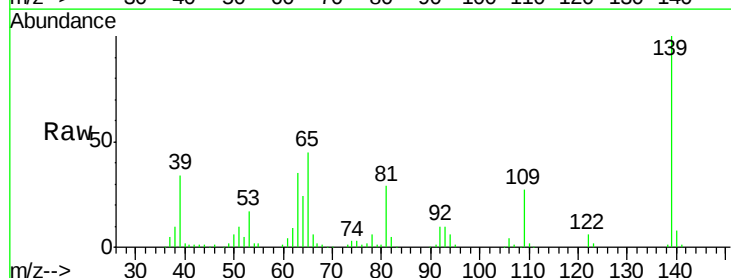
RT: 7.86 min Scan# 982

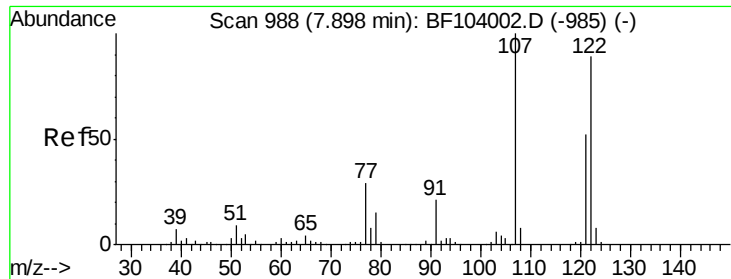
Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 178987 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 27.2  | 22.7  | 34.1   |
| 65       | 44.7  | 40.5  | 60.7   |





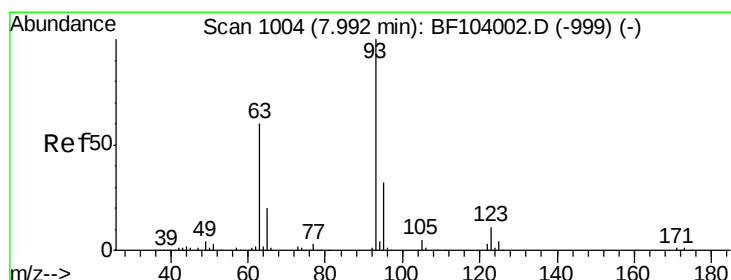
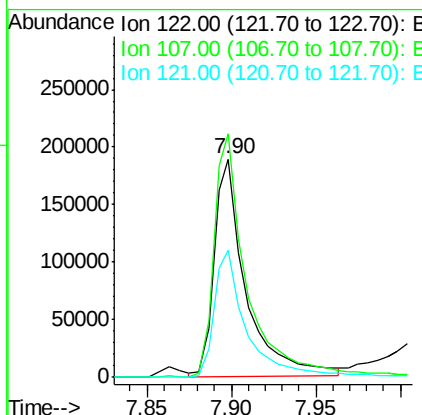
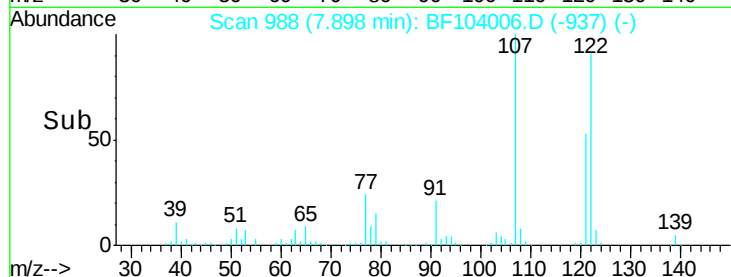
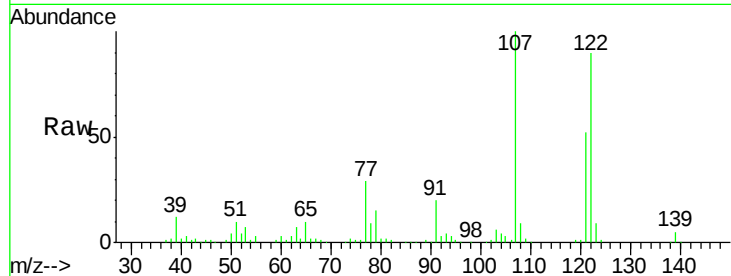
#27  
2,4-Dimethylphenol  
Concen: 39.062 ng  
RT: 7.90 min Scan# 988  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 111.4 | 91.2  | 136.8 |
| 121     | 58.0  | 47.2  | 70.8  |

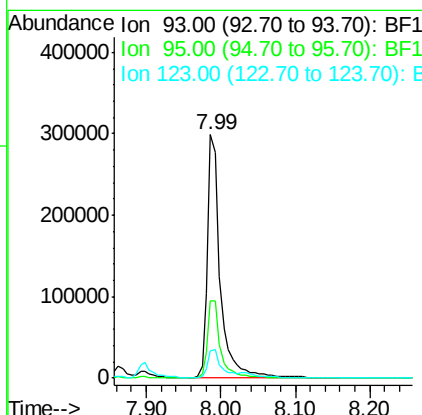
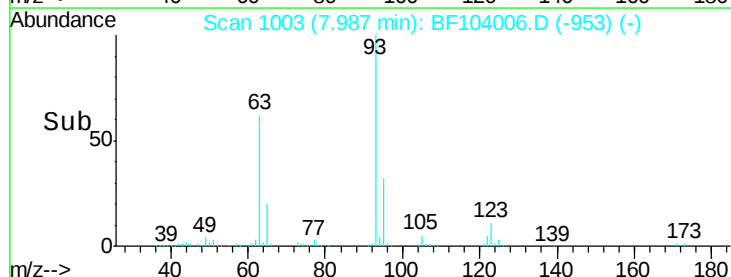
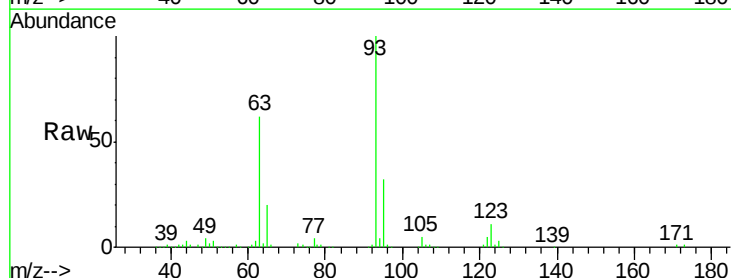
Manual Integrations  
APPROVED

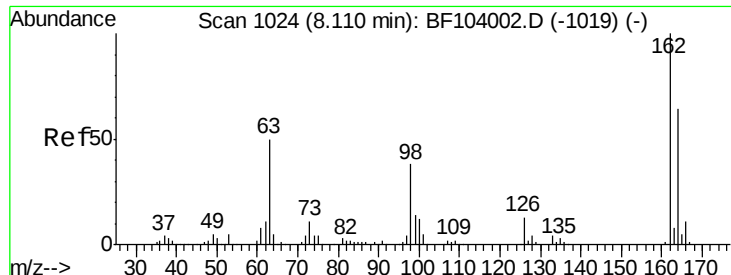
Sohil  
3/29/2018 5:36:06 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.451 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.0  | 26.3  | 39.5  |
| 123     | 11.4  | 9.8   | 14.6  |





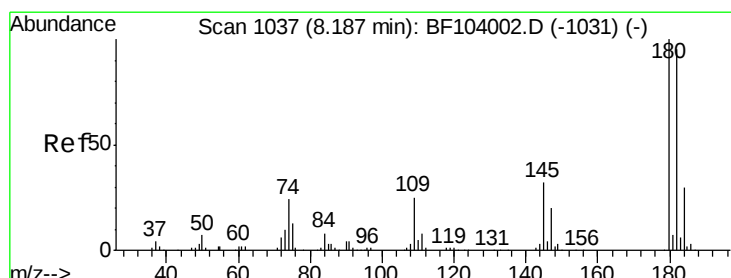
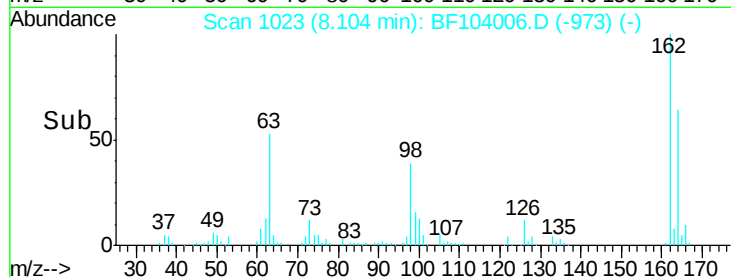
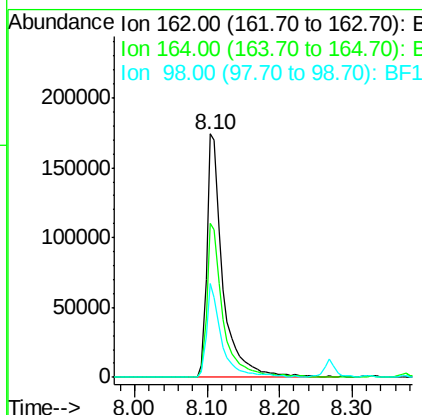
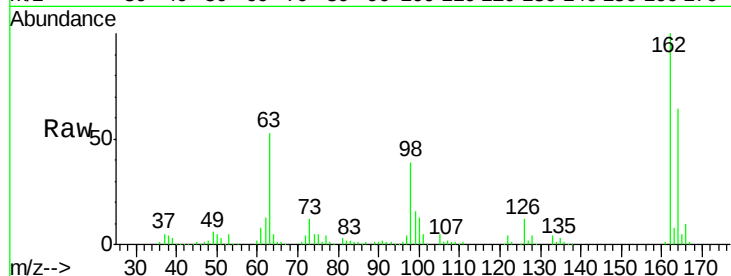
#29  
2,4-Dichlorophenol  
Concen: 40.181 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 268237 |       |       |
| 164     | 63.5  | 42.7   | 82.7  |       |
| 98      | 38.6  | 18.1   | 58.1  |       |

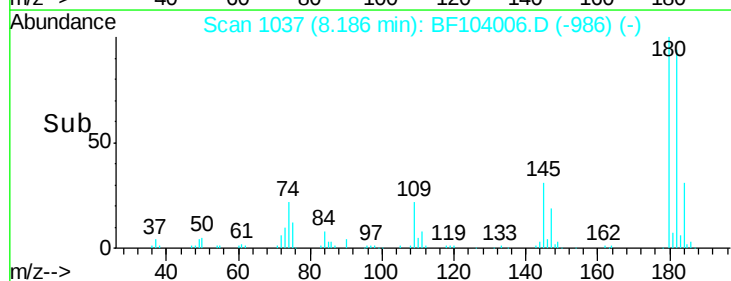
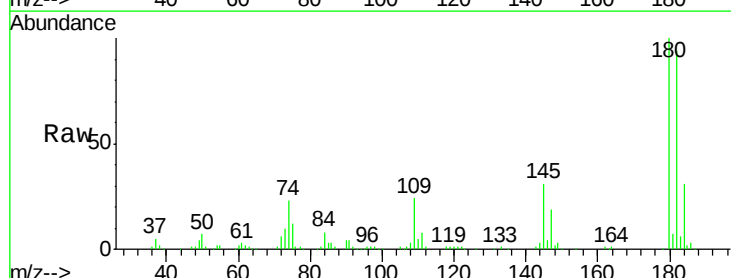
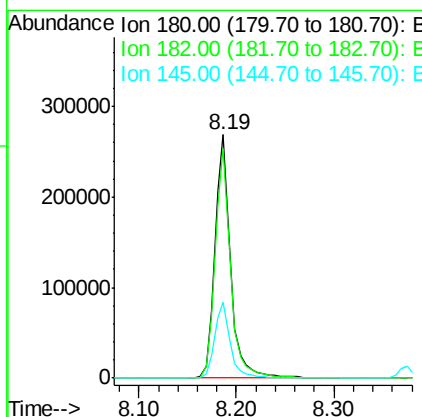
Manual Integrations  
APPROVED

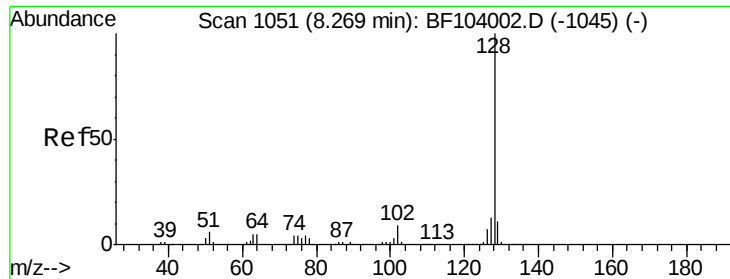
Sohil  
3/29/2018 5:36:06 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 39.249 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 297289 |       |       |
| 182     | 94.2  | 76.8   | 115.2 |       |
| 145     | 31.1  | 26.5   | 39.7  |       |





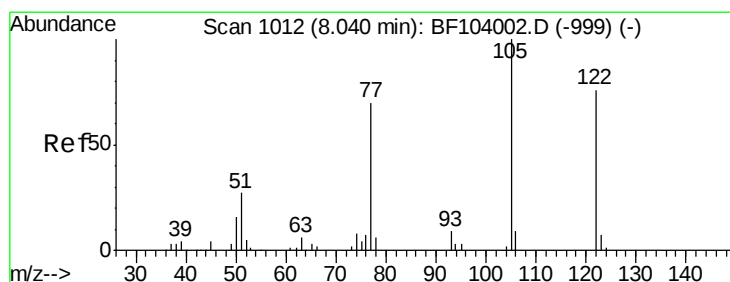
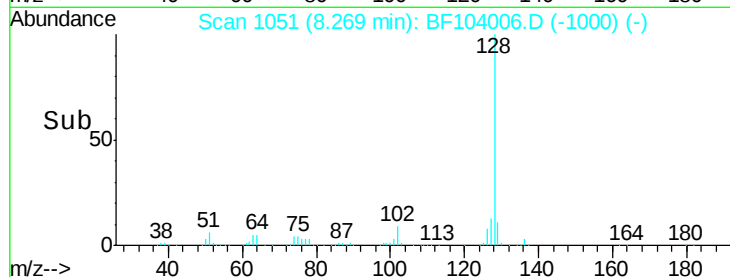
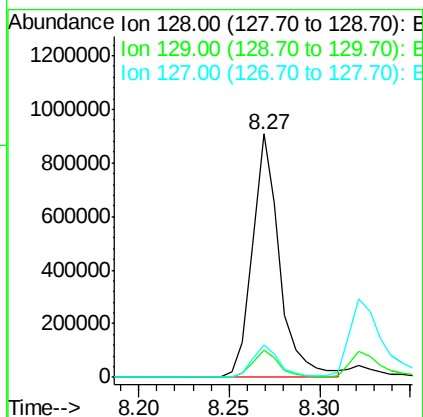
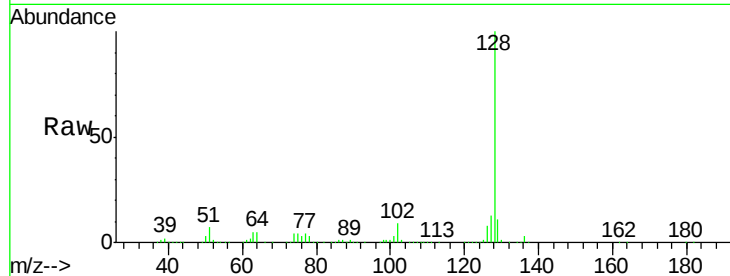
#31  
Naphthalene  
Concen: 39.292 ng  
RT: 8.27 min Scan# 1051  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 8.8   | 13.2  |
| 127     | 13.4  | 10.9  | 16.3  |

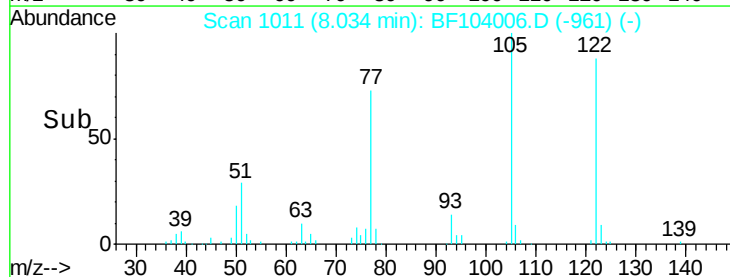
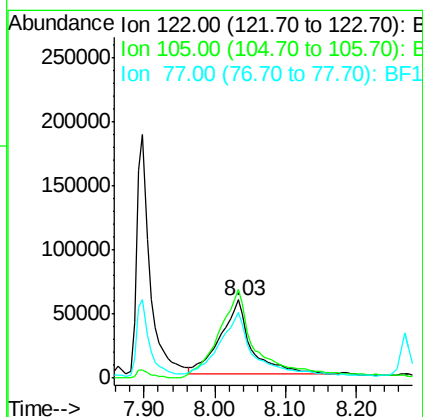
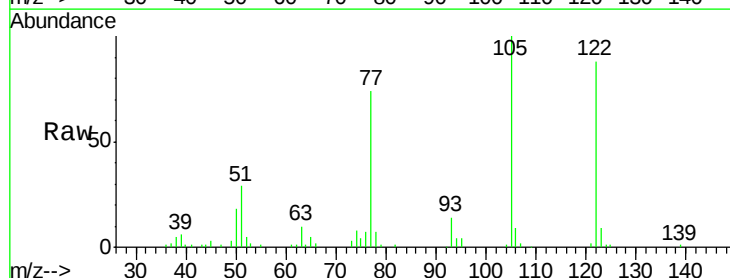
Manual Integrations  
APPROVED

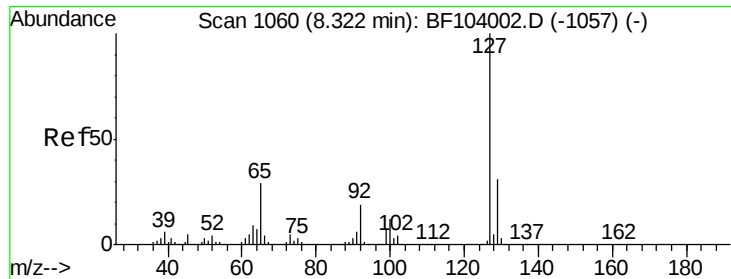
Sohil  
3/29/2018 5:36:06 PM



#32  
Benzoic acid  
Concen: 38.345 ng m  
RT: 8.03 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 114.2 | 101.1 | 141.1 |
| 77      | 84.6  | 70.7  | 110.7 |





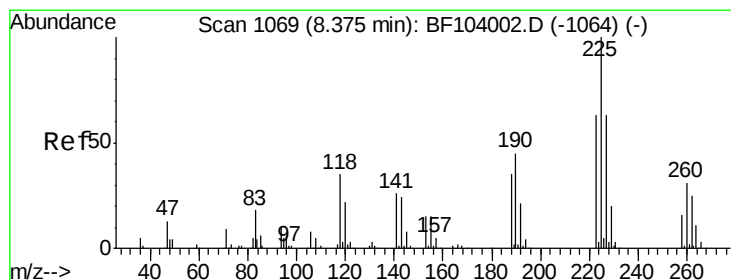
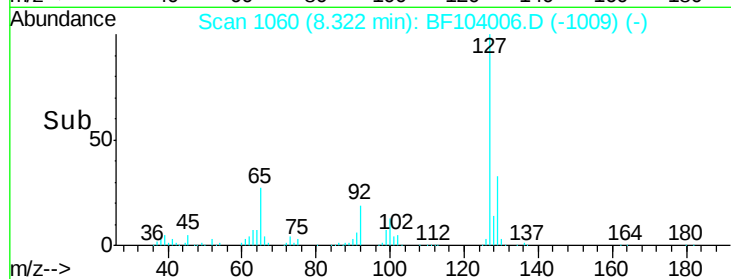
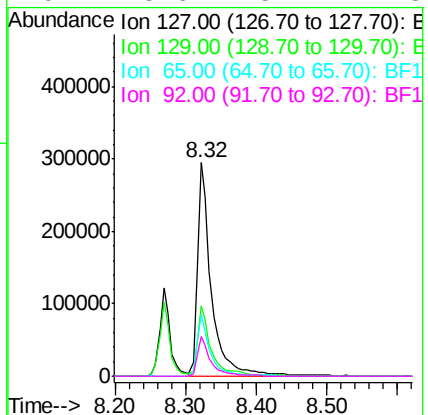
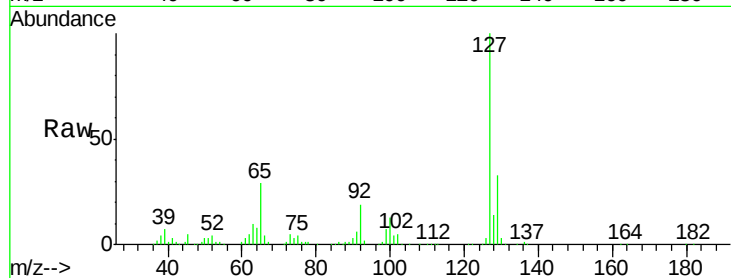
#33  
4-Chloroaniline  
Concen: 40.159 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 408147 |       |       |
| 129     | 32.9 | 25.9  | 38.9   |       |       |
| 65      | 29.0 | 25.0  | 37.4   |       |       |
| 92      | 18.6 | 15.2  | 22.8   |       |       |

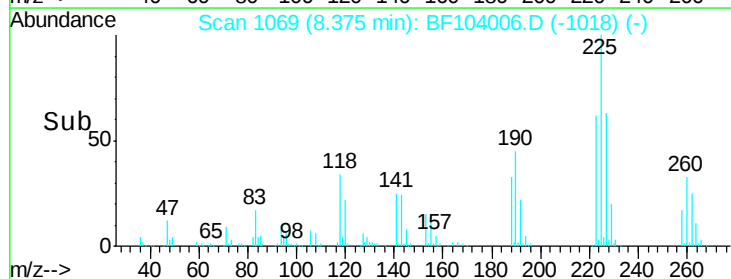
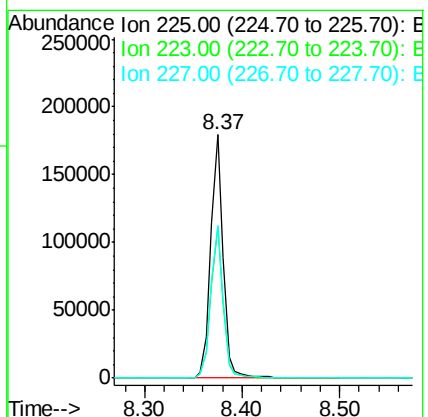
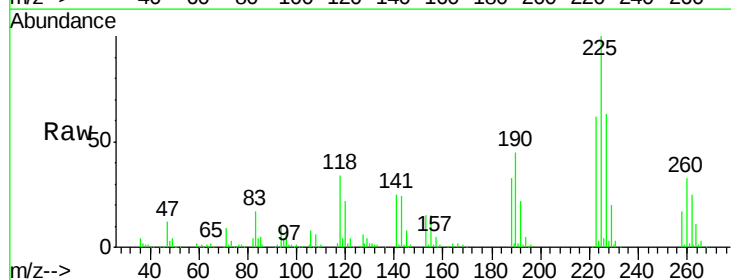
Manual Integrations  
APPROVED

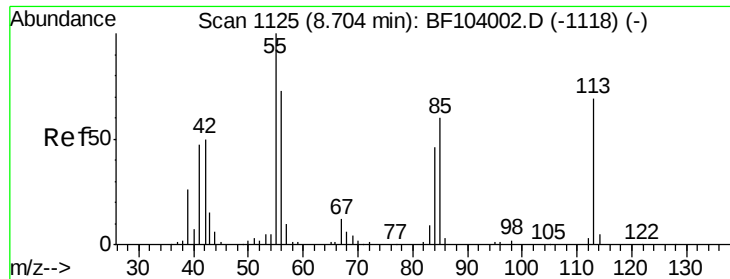
Sohil  
3/29/2018 5:36:06 PM



#34  
Hexachlorobutadiene  
Concen: 38.609 ng  
RT: 8.37 min Scan# 1069  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 159138 |       |       |
| 223     | 62.4 | 50.6  | 76.0   |       |       |
| 227     | 62.7 | 51.9  | 77.9   |       |       |





#35

Caprolactam

Concen: 40.595 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA\_F

ClientSampleId :

ICVBF032818

Tot Ion:113 Resp: 85928

Ion Ratio Lower Upper

113 100

55 152.5 163.3 203.3#

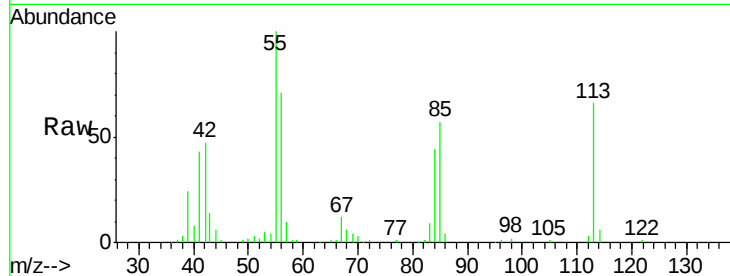
56 107.8 115.7 155.7#

Manual Integrations

APPROVED

Sohil

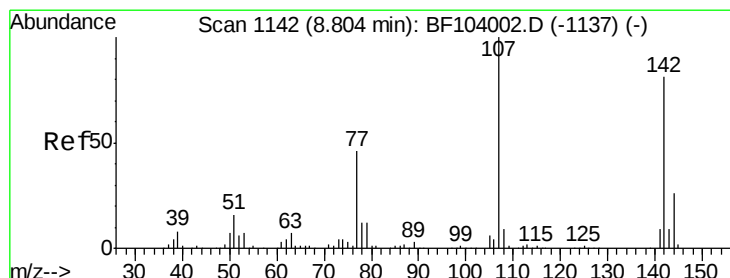
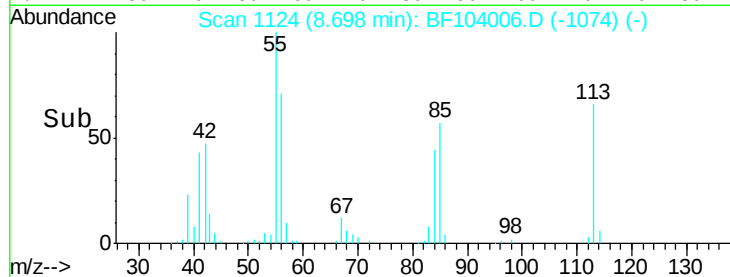
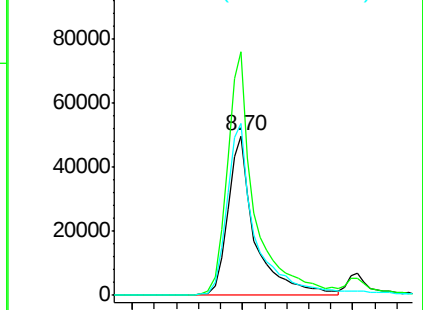
3/29/2018 5:36:06 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.380 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

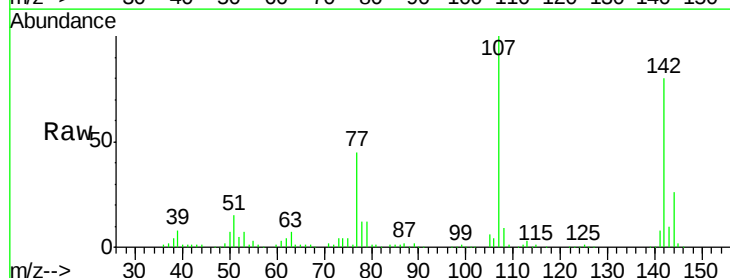
Tgt Ion:107 Resp: 285120

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

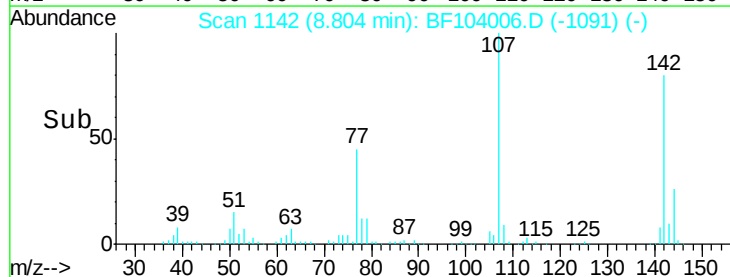
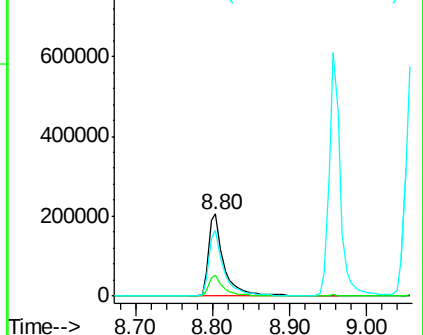
142 80.1 62.0 93.0

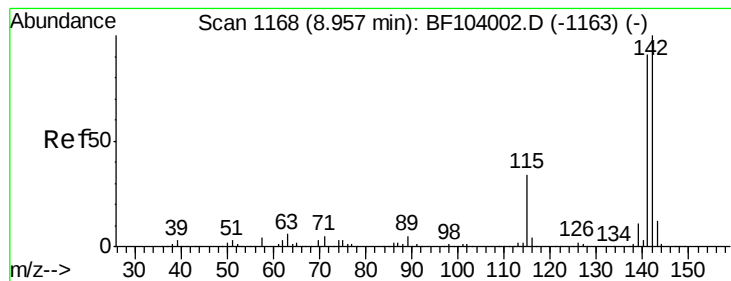


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





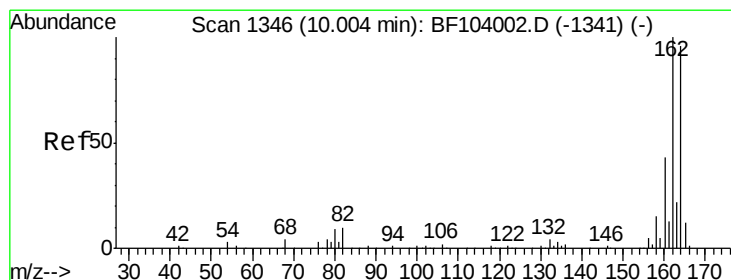
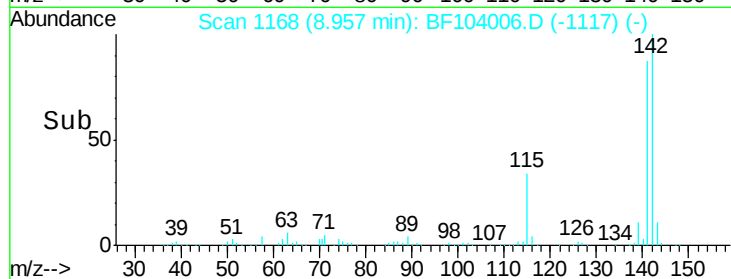
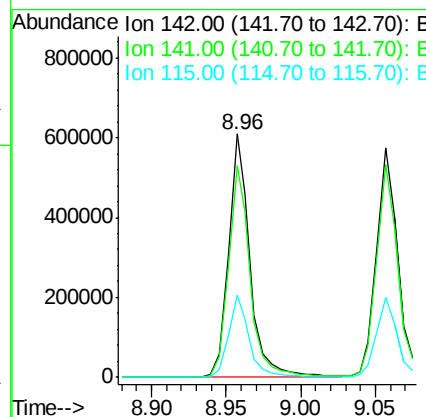
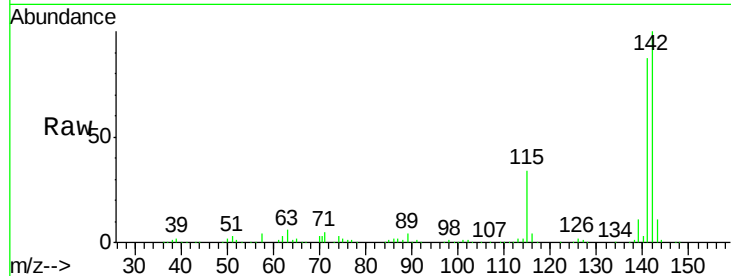
#37  
2-Methylnaphthalene  
Concen: 39.023 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.1  | 70.8  | 106.2 |
| 115     | 33.6  | 26.1  | 39.1  |

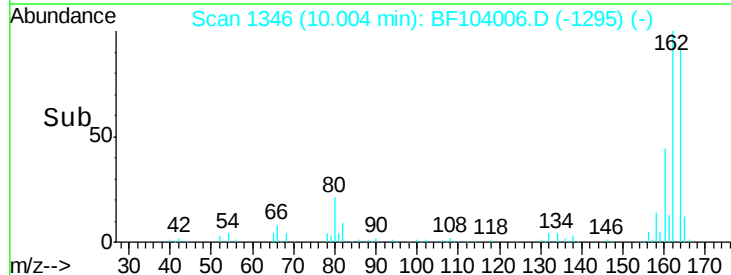
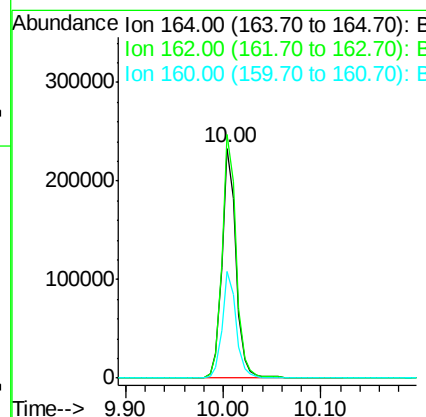
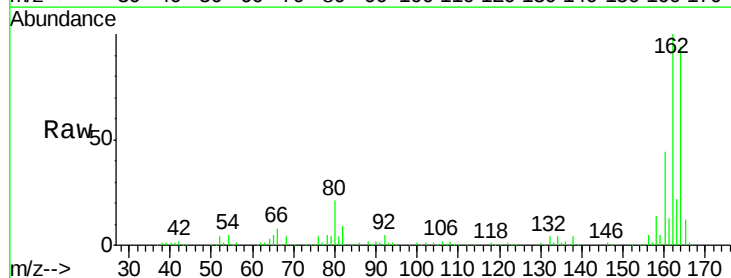
Manual Integrations  
APPROVED

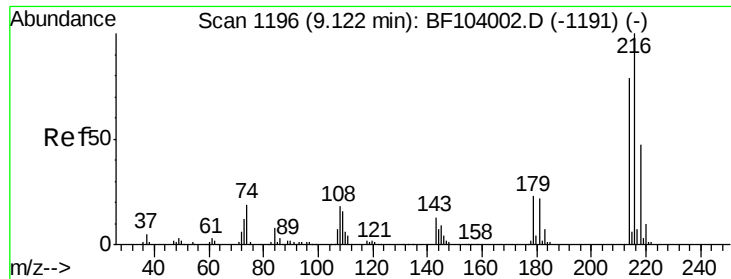
Sohil  
3/29/2018 5:36:06 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.00 min Scan# 1346  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.0 | 86.1  | 129.1 |
| 160     | 46.6  | 38.3  | 57.5  |





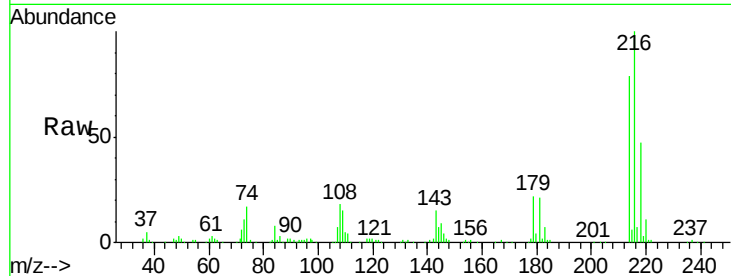
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.711 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

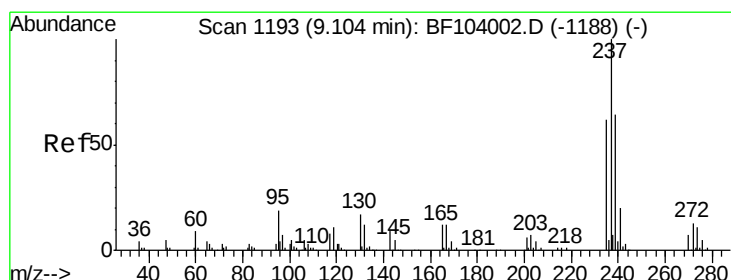
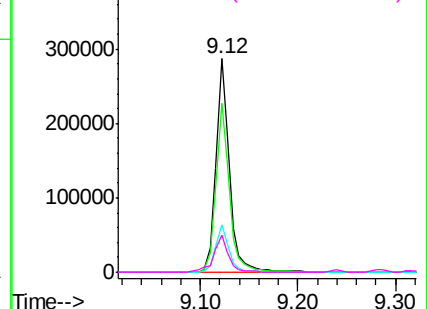
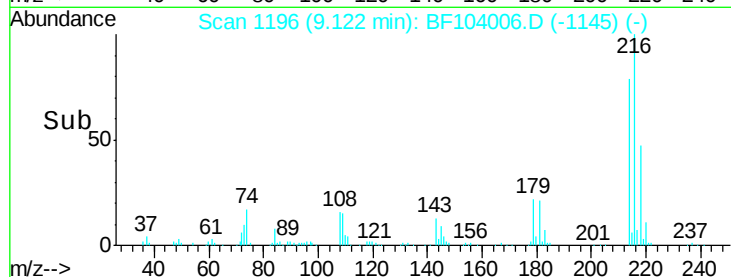
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 276696 |       |       |
| 214     | 79.4  | 63.0   | 94.4  |       |
| 179     | 22.0  | 18.1   | 27.1  |       |
| 108     | 19.2  | 17.2   | 25.8  |       |

Manual Integrations  
 APPROVED

Sohil  
 3/29/2018 5:36:06 PM

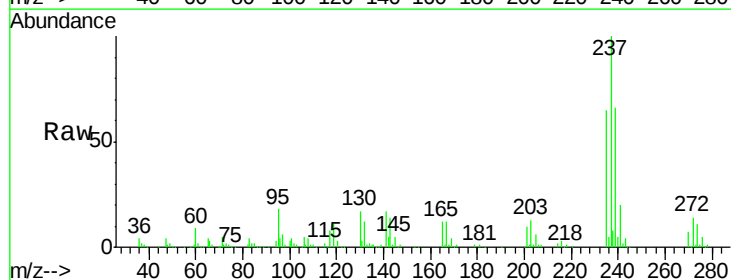


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

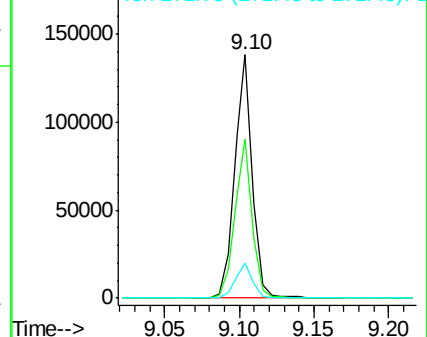
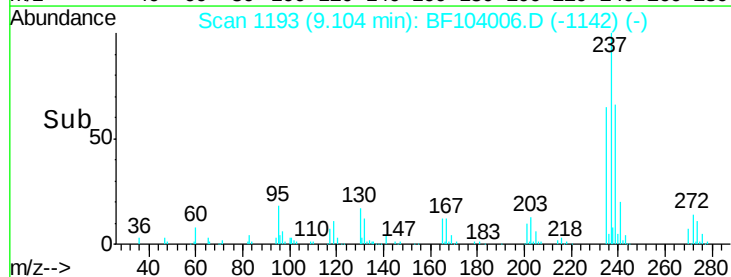


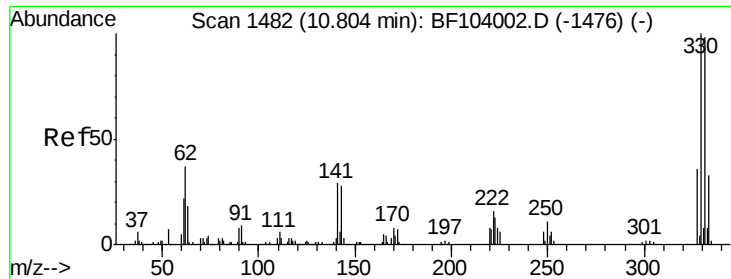
#40  
 Hexachlorocyclopentadiene  
 Concen: 37.389 ng  
 RT: 9.10 min Scan# 1193  
 Delta R.T. 0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 115443 |       |       |
| 235     | 65.3  | 44.8   | 84.8  |       |
| 272     | 14.2  | 0.0    | 33.3  |       |



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





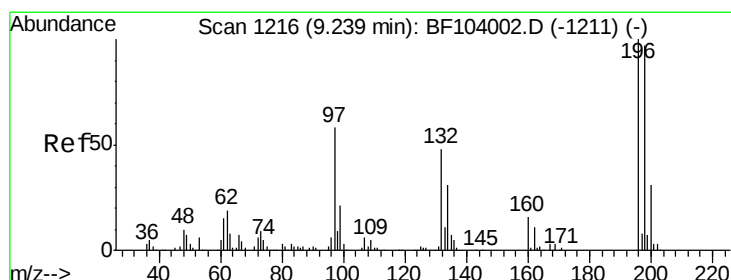
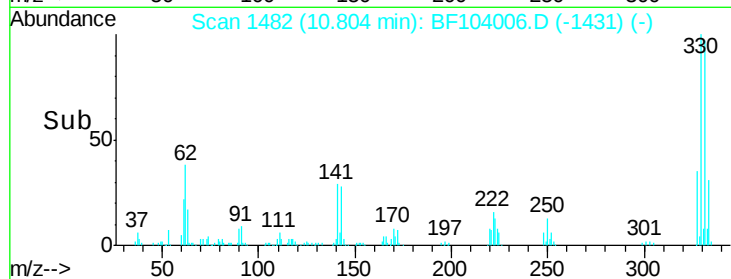
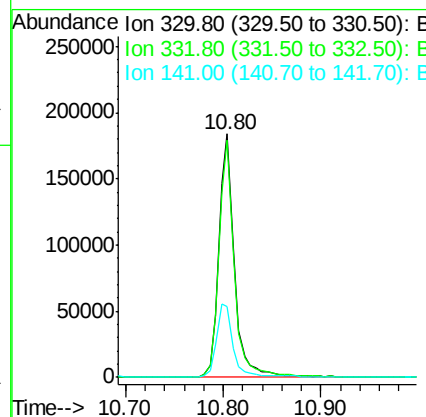
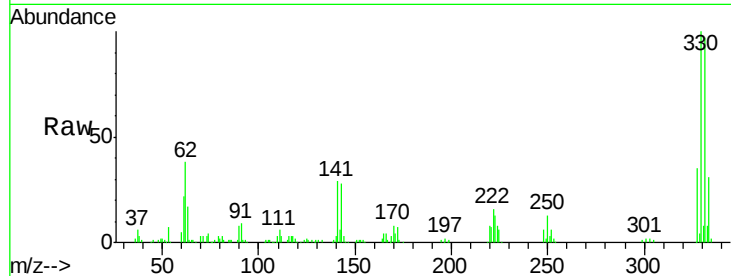
#41  
 2,4,6-Tribromophenol  
 Concen: 78.638 ng  
 RT: 10.80 min Scan# 1482  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.3  | 77.0  | 115.6 |
| 141     | 31.7  | 29.9  | 44.9  |

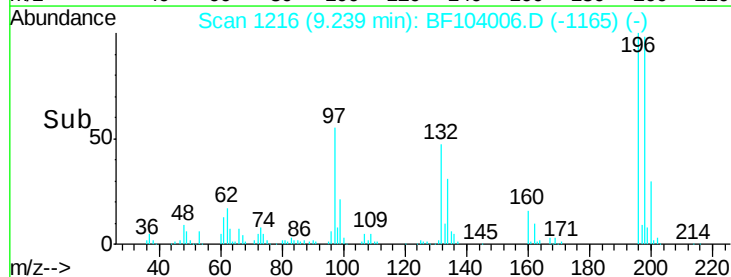
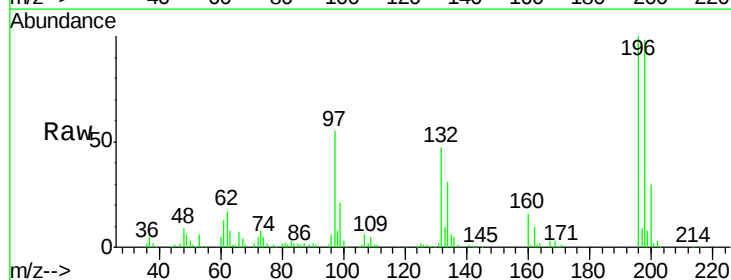
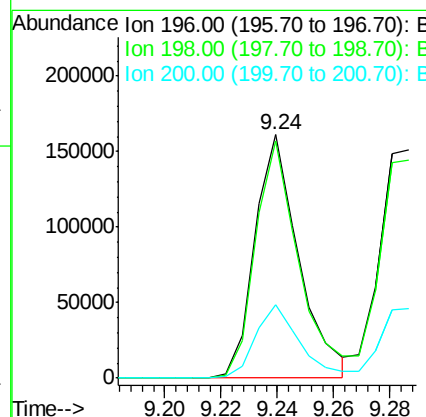
Manual Integrations  
 APPROVED

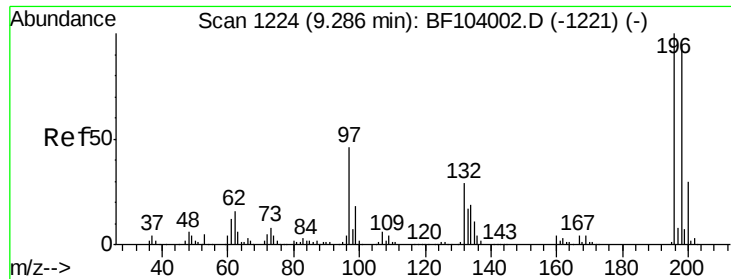
Sohil  
 3/29/2018 5:36:06 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 38.474 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.5  | 75.7  | 113.5 |
| 200     | 30.1  | 24.5  | 36.7  |





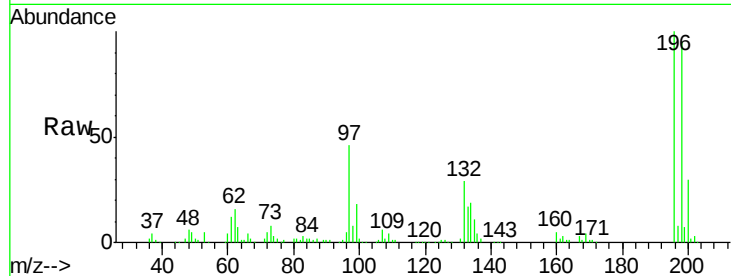
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.173 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

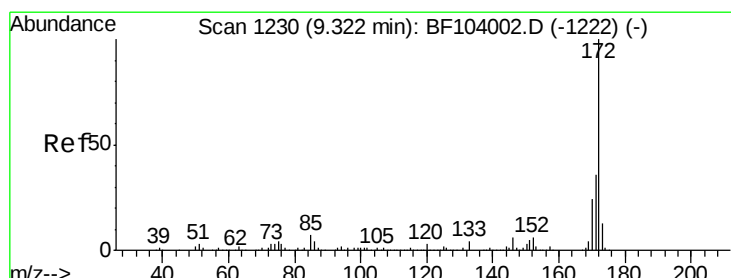
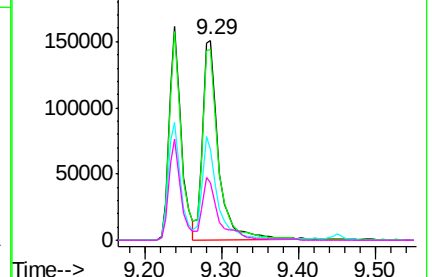
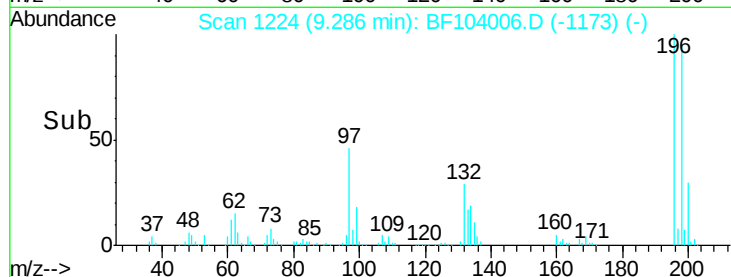
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 219538 |       |       |
| 198     | 95.4  | 74.6   | 112.0 |       |
| 97      | 45.7  | 42.9   | 64.3  |       |
| 132     | 28.7  | 26.3   | 39.5  |       |

Manual Integrations  
 APPROVED

Sohil  
 3/29/2018 5:36:06 PM

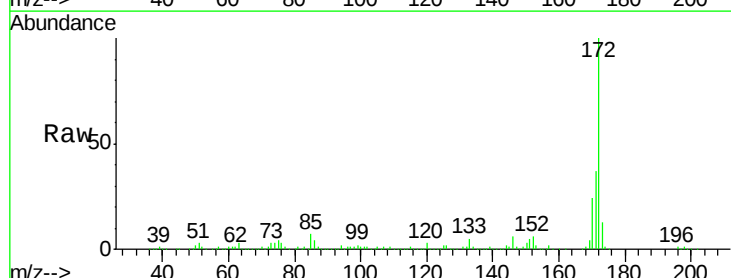


Abundance Ion 196.00 (195.70 to 196.70): E  
 250000  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

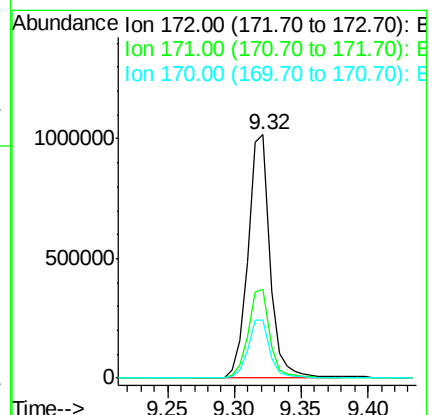
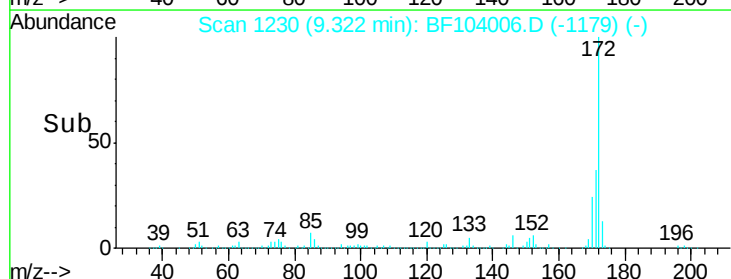


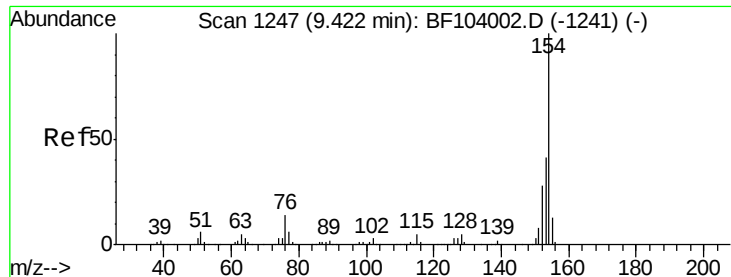
#44  
 2-Fluorobiphenyl  
 Concen: 78.424 ng  
 RT: 9.32 min Scan# 1230  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1159205 |       |       |
| 171     | 36.5  | 29.7    | 44.5  |       |
| 170     | 24.0  | 19.6    | 29.4  |       |



Abundance Ion 172.00 (171.70 to 172.70): E  
 1000000  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





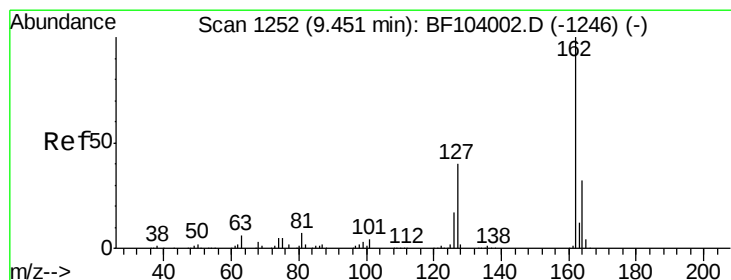
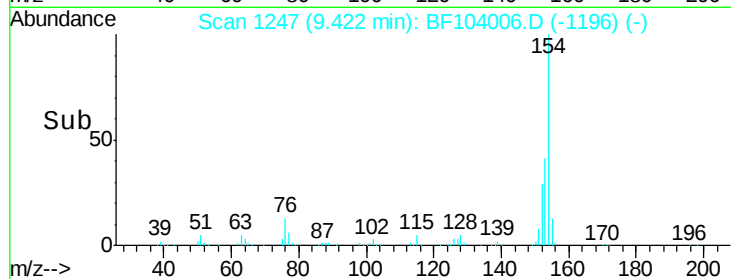
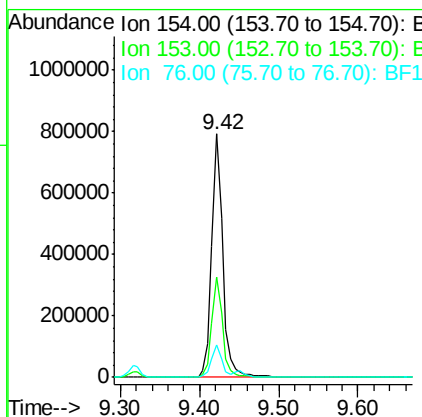
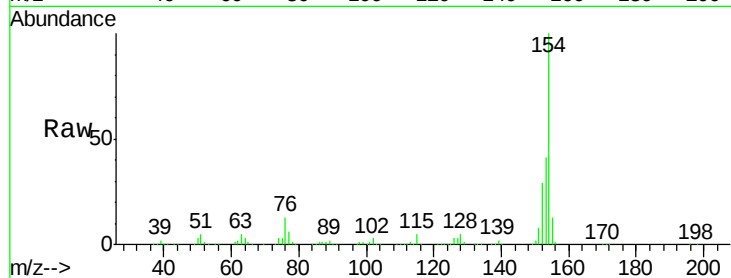
#45  
 1,1'-Biphenyl  
 Concen: 38.577 ng  
 RT: 9.42 min Scan# 1247  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

Instrument :  
 BNA\_F  
 ClientSampled :  
 ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.2  | 21.3  | 61.3  |
| 76      | 13.4  | 0.0   | 34.0  |

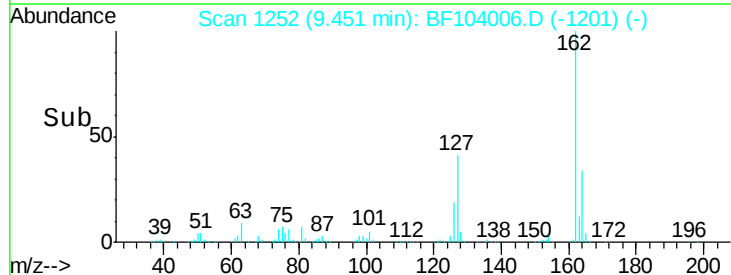
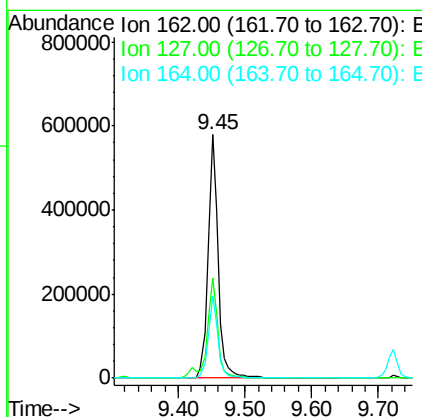
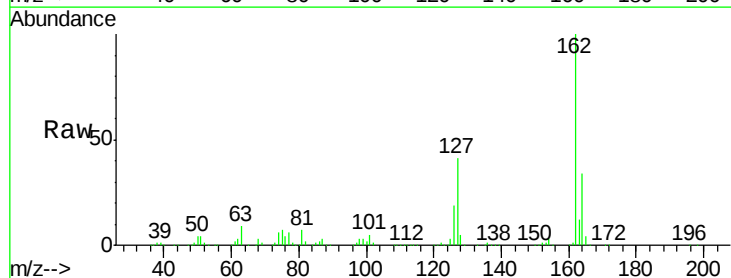
Manual Integrations  
 APPROVED

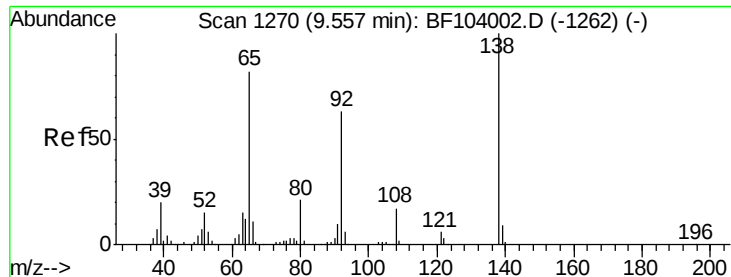
Sohil  
 3/29/2018 5:36:06 PM



#46  
 2-Chloronaphthalene  
 Concen: 38.788 ng  
 RT: 9.45 min Scan# 1252  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.4  | 33.9  | 50.9  |
| 164     | 33.6  | 26.5  | 39.7  |





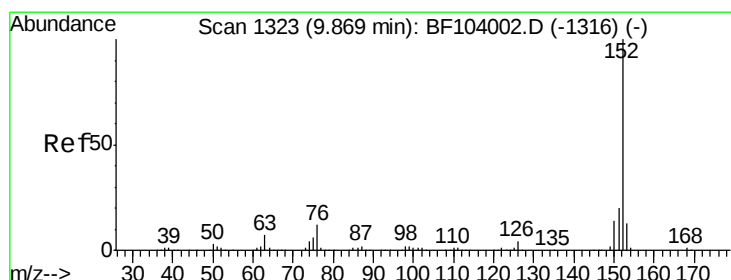
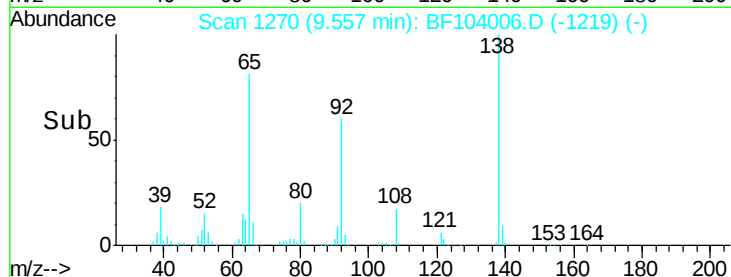
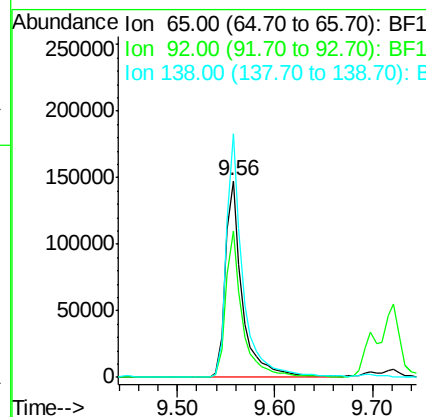
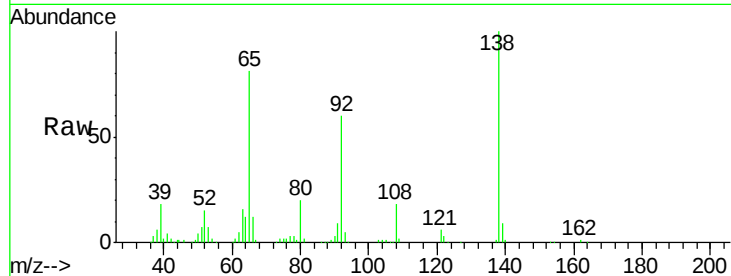
#47  
2-Nitroaniline  
Concen: 39.757 ng  
RT: 9.56 min Scan# 1270  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.3  | 55.8  | 83.6  |
| 138     | 123.7 | 91.2  | 136.8 |

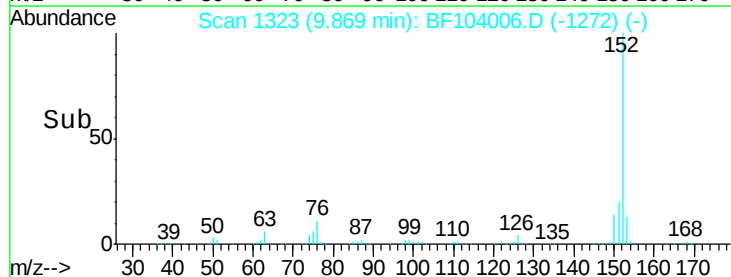
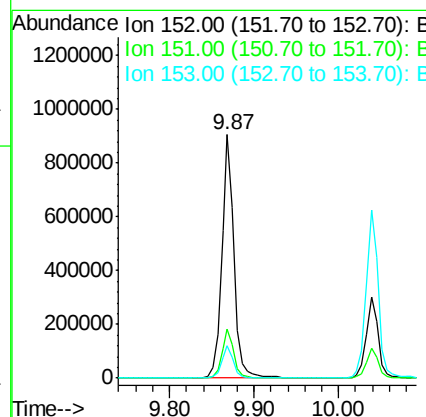
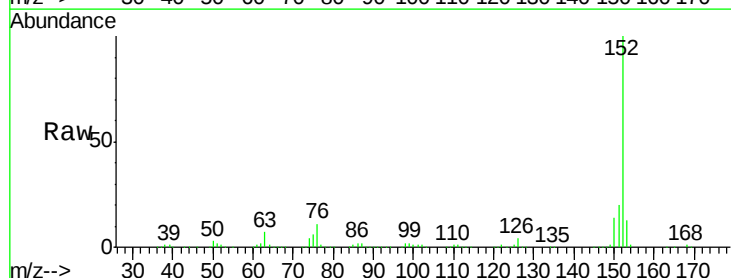
Manual Integrations  
APPROVED

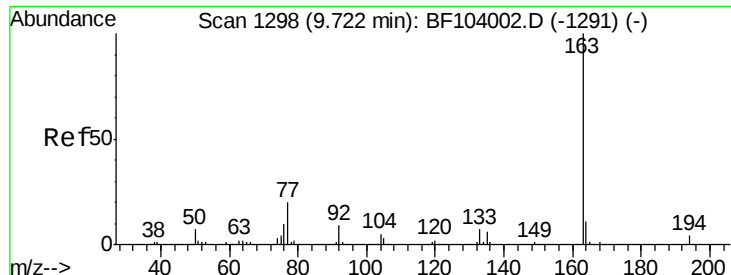
Sohil  
3/29/2018 5:36:06 PM



#48  
Acenaphthylene  
Concen: 38.876 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.1  | 16.3  | 24.5  |
| 153     | 13.3  | 10.7  | 16.1  |





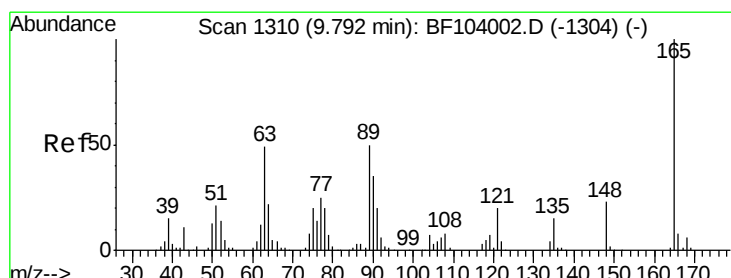
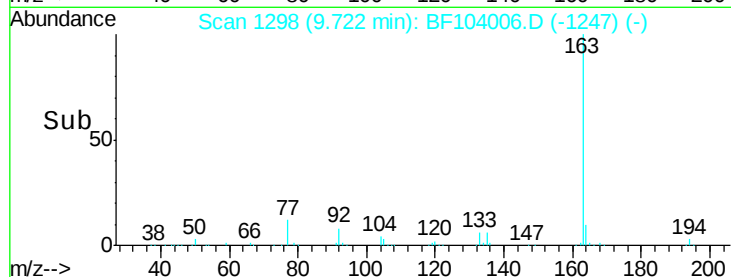
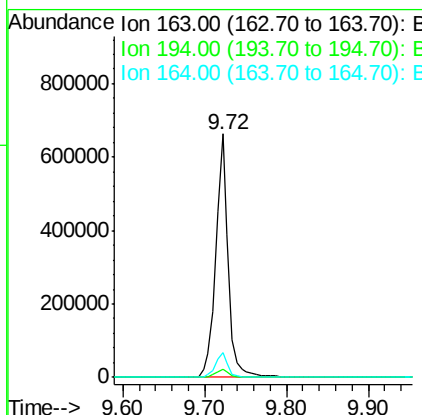
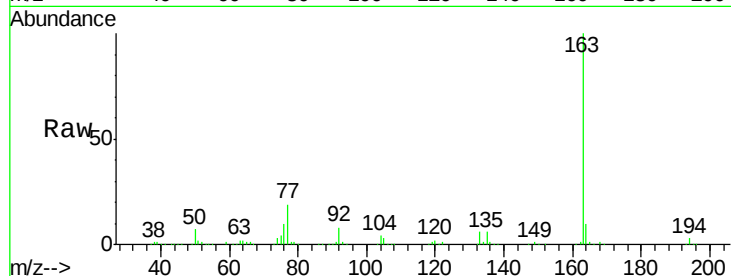
#49  
Dimethylphthalate  
Concen: 38.354 ng  
RT: 9.72 min Scan# 1298  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 705835 |       |       |
| 194     | 3.4   |        | 2.7   | 4.1   |
| 164     | 10.2  |        | 8.2   | 12.2  |

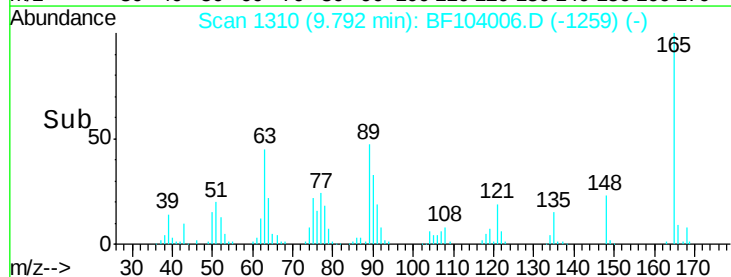
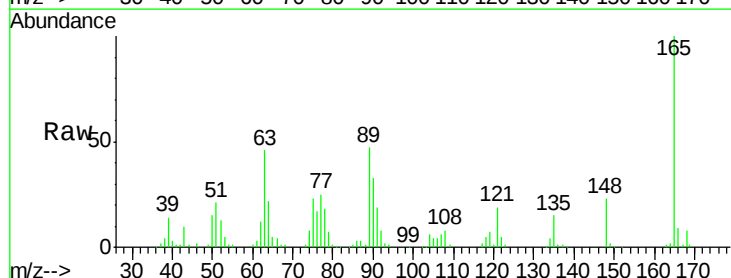
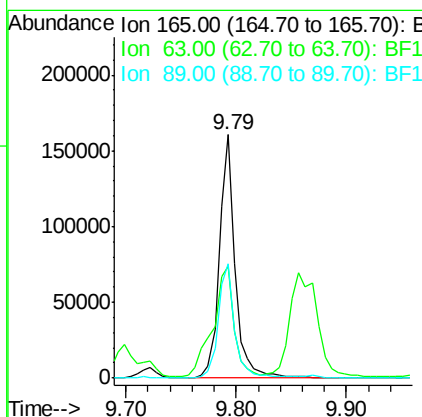
Manual Integrations  
APPROVED

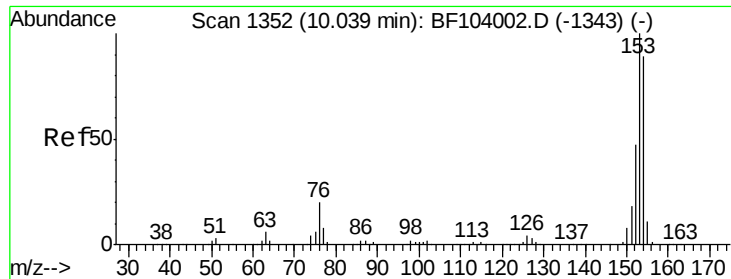
Sohil  
3/29/2018 5:36:06 PM



#50  
2,6-Dinitrotoluene  
Concen: 40.457 ng  
RT: 9.79 min Scan# 1310  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 160181 |       |       |
| 63      | 45.9  |        | 44.7  | 67.1  |
| 89      | 47.2  |        | 44.0  | 66.0  |





#51

Acenaphthene

Concen: 38.592 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA\_F

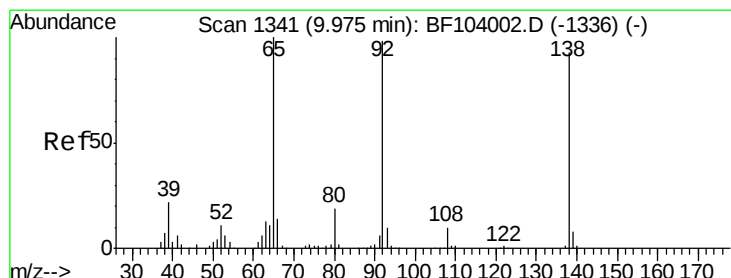
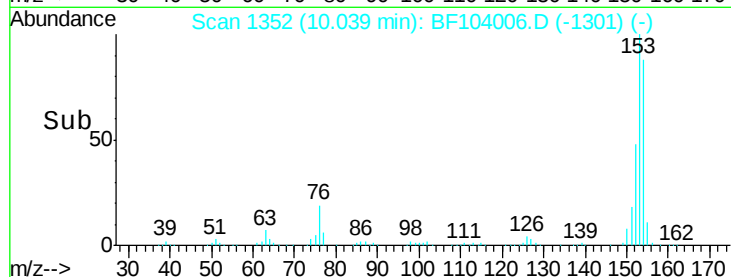
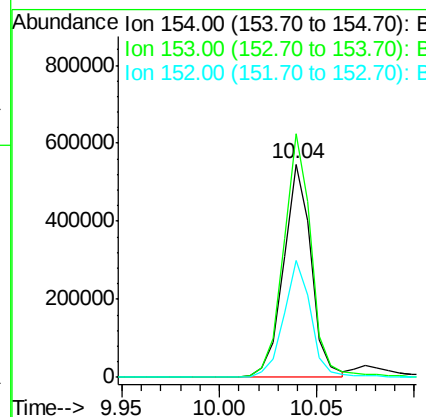
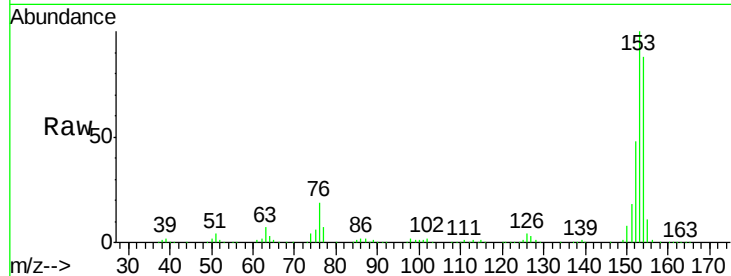
ClientSampleId :

ICVBF032818

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 533726 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.1 | 91.2  | 136.8  |
| 152       | 54.9  | 43.8  | 65.8   |

Manual Integrations  
APPROVED

Sohil  
3/29/2018 5:36:06 PM



#52

3-Nitroaniline

Concen: 39.825 ng

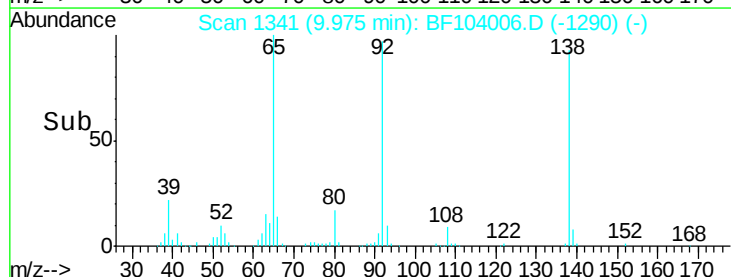
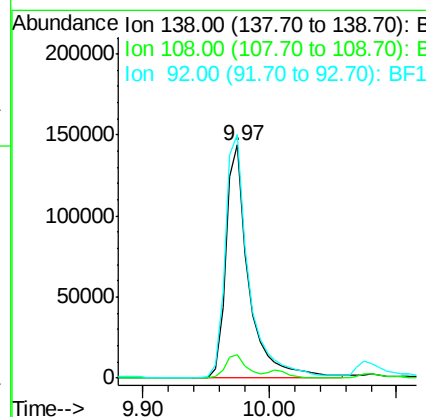
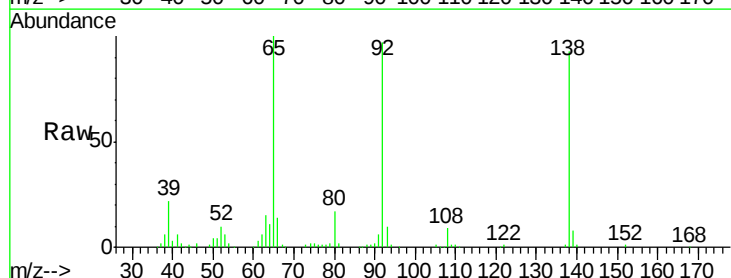
RT: 9.97 min Scan# 1341

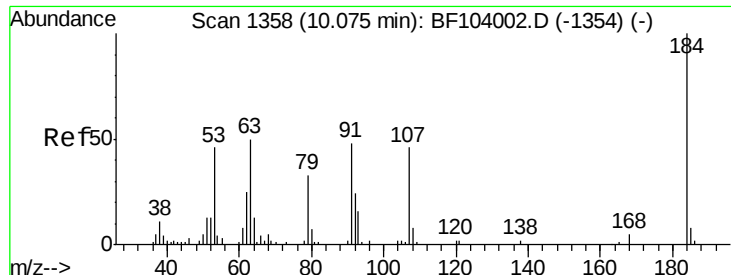
Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 181257 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 9.9   | 9.4   | 14.0   |
| 92        | 104.4 | 89.4  | 134.2  |





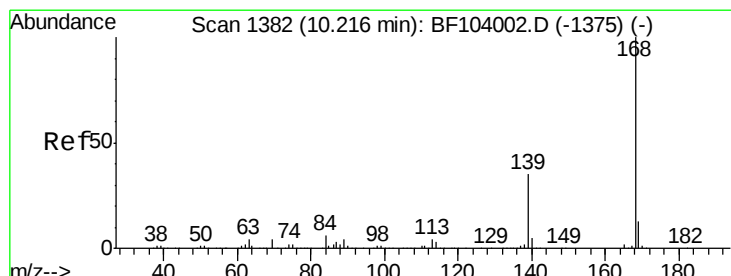
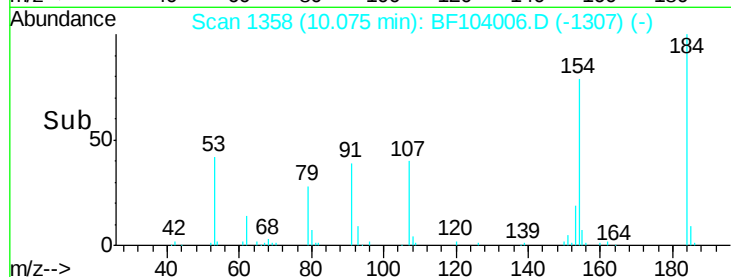
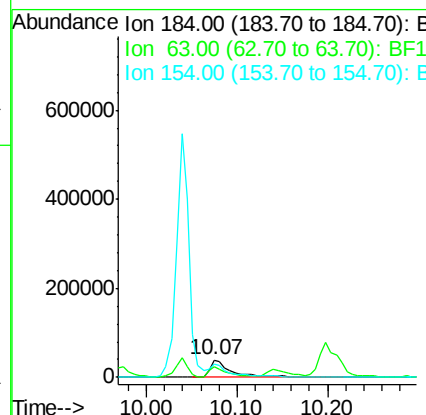
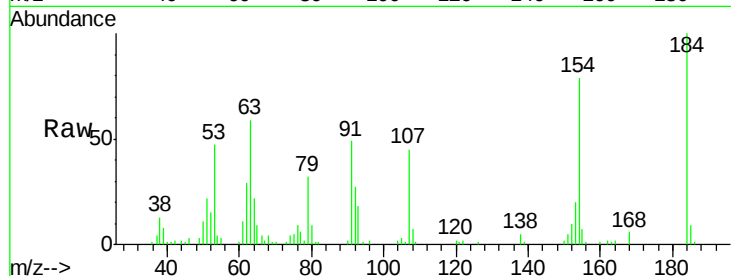
#53  
 2,4-Dinitrophenol  
 Concen: 41.640 ng  
 RT: 10.07 min Scan# 1358  
 Delta R.T. 0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

| Tot Ion   | 184  | Resp  | 67009  |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 184       | 100  |       |        |
| 63        | 59.3 | 54.2  | 81.2   |
| 154       | 78.5 | 184.0 | 276.0# |

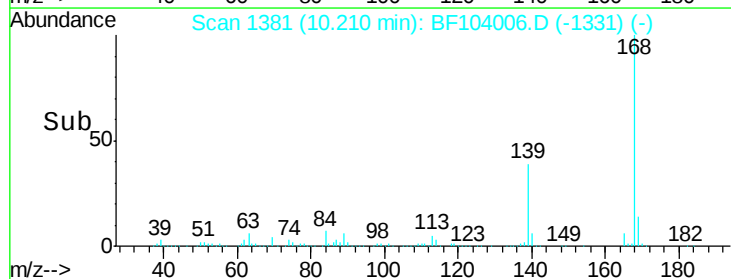
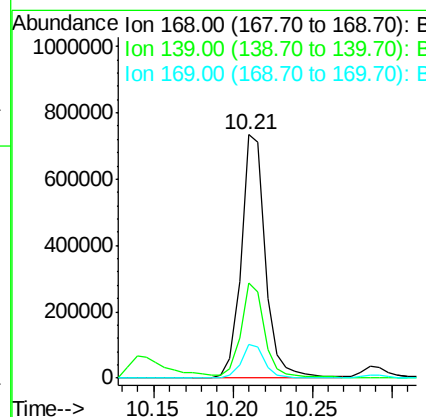
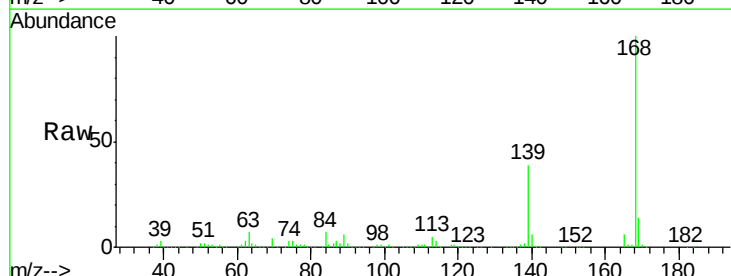
Manual Integrations  
 APPROVED

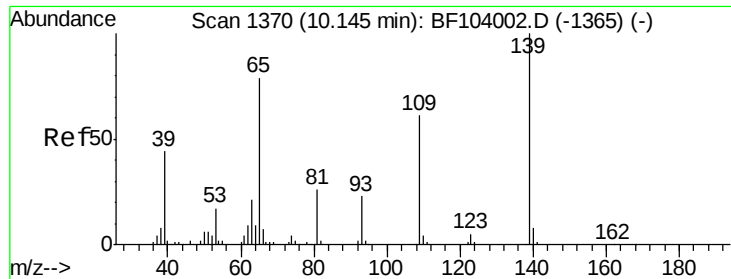
Sohil  
 3/29/2018 5:36:06 PM



#54  
 Dibenzofuran  
 Concen: 38.534 ng  
 RT: 10.21 min Scan# 1381  
 Delta R.T. -0.01 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

| Tgt Ion   | 168  | Resp  | 778229 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 168       | 100  |       |        |
| 139       | 39.3 | 30.1  | 45.1   |
| 169       | 13.8 | 10.9  | 16.3   |





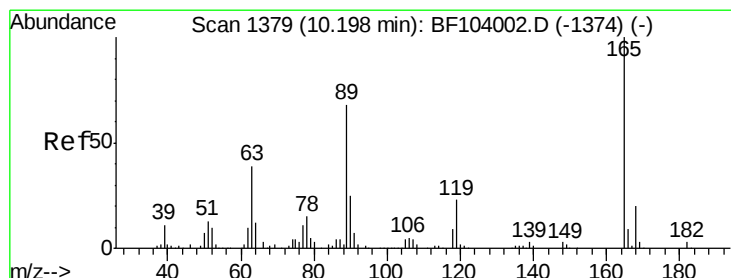
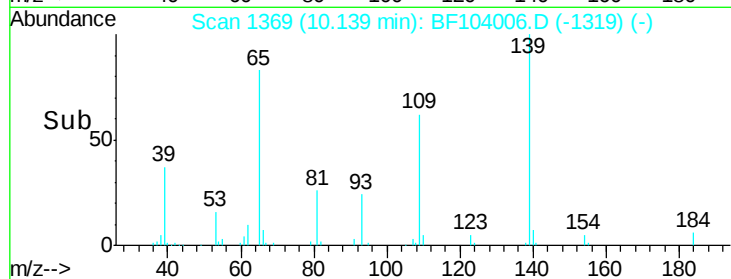
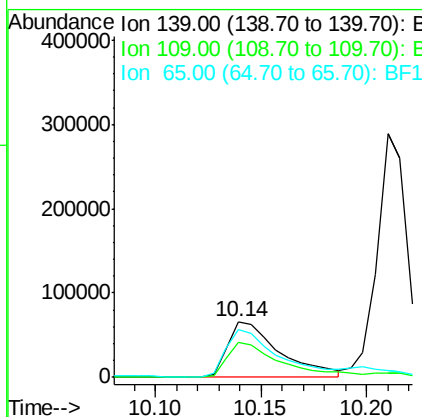
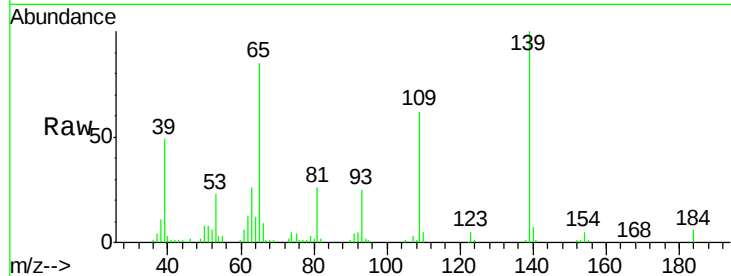
#55  
4-Nitrophenol  
Concen: 41.273 ng  
RT: 10.14 min Scan# 1369  
Delta R.T. -0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 62.1  | 48.4 | 88.4  |       |
| 65      | 84.8  | 72.6 | 112.6 |       |

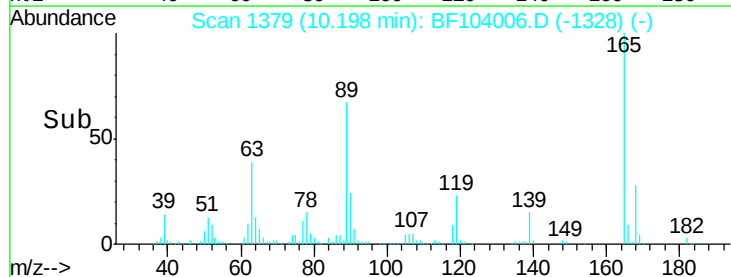
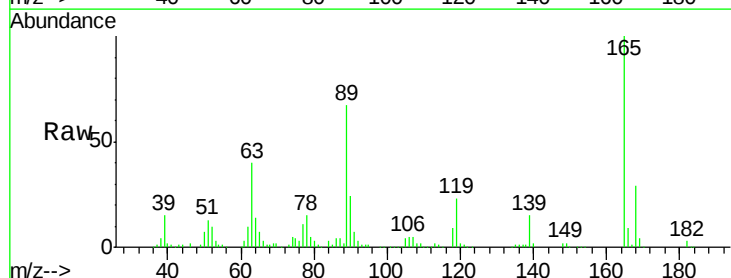
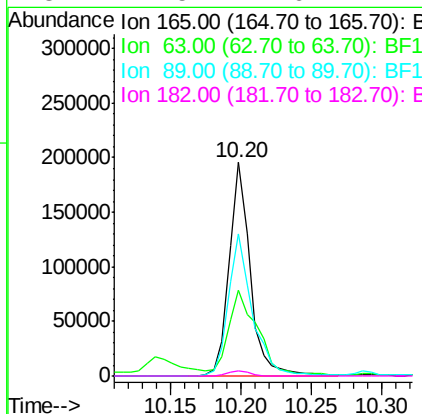
Manual Integrations  
APPROVED

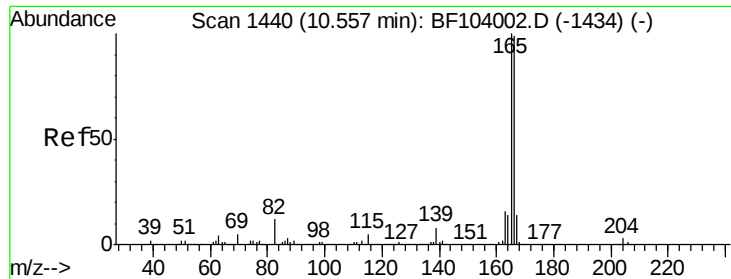
Sohil  
3/29/2018 5:36:06 PM



#56  
2,4-Dinitrotoluene  
Concen: 40.660 ng  
RT: 10.20 min Scan# 1379  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 40.0  | 36.4 | 54.6  |       |
| 89      | 66.8  | 57.8 | 86.6  |       |
| 182     | 2.5   | 1.6  | 2.4   | #     |





#57

Fluorene

Concen: 38.474 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA\_F

ClientSampleId :

ICVBF032818

Tot Ion:166 Resp: 640953

Ion Ratio Lower Upper

166 100

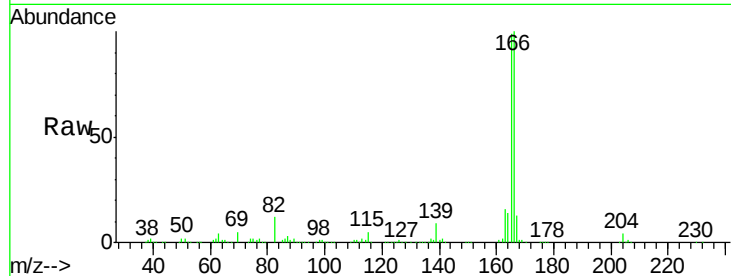
165 98.6 79.8 119.8

167 13.2 10.6 16.0

Manual Integrations  
APPROVED

Sohil

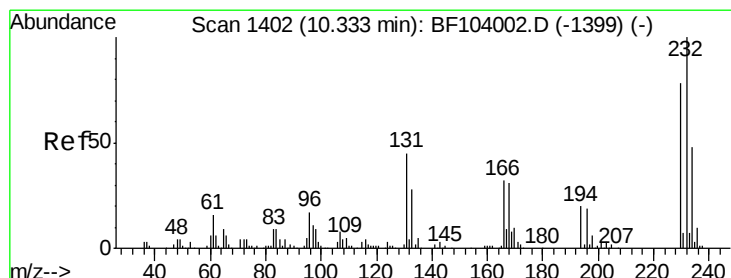
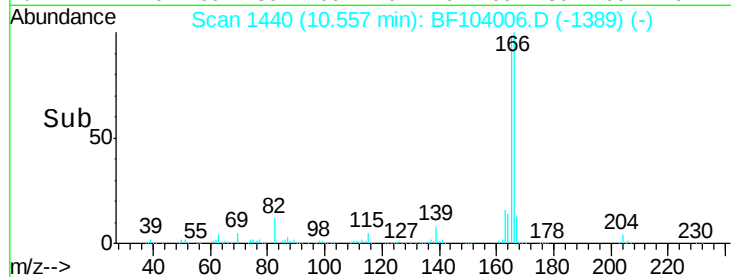
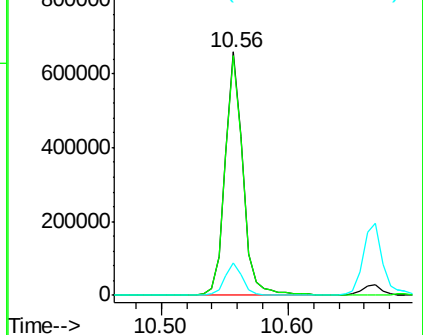
3/29/2018 5:36:06 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.587 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Tgt Ion:232 Resp: 162085

Ion Ratio Lower Upper

232 100

131 45.7 43.8 65.8

130 2.2 2.1 3.1

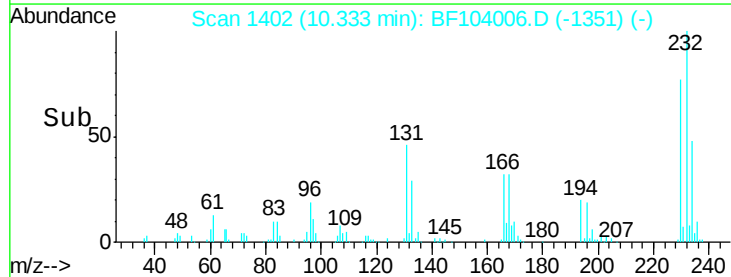
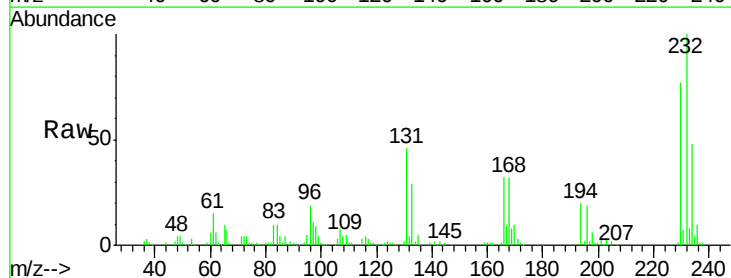
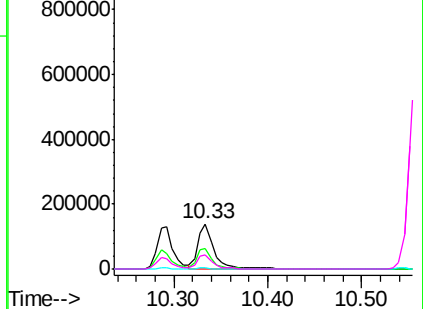
166 30.7 27.8 41.6

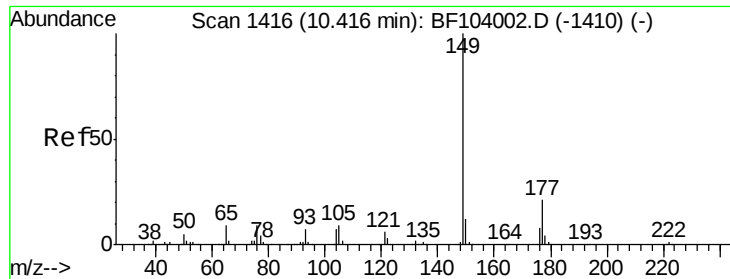
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





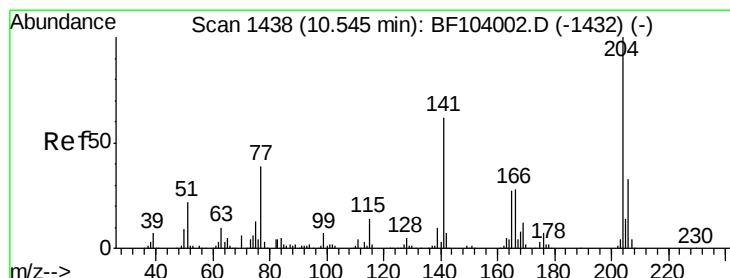
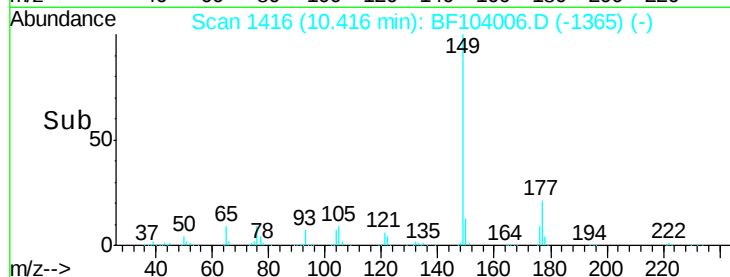
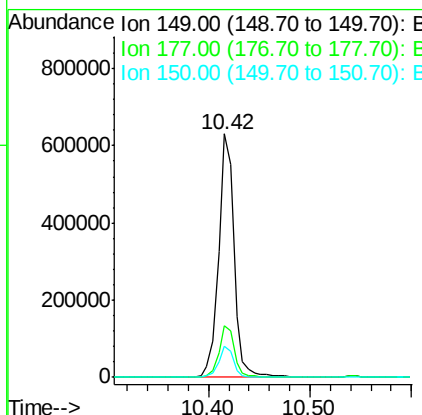
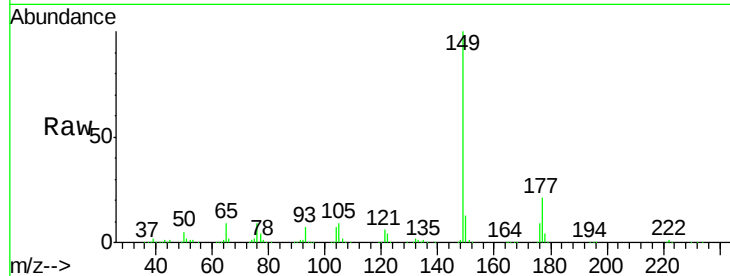
#59  
Diethylphthalate  
Concen: 38.192 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.0  | 16.1  | 24.1  |
| 150     | 12.7  | 10.1  | 15.1  |

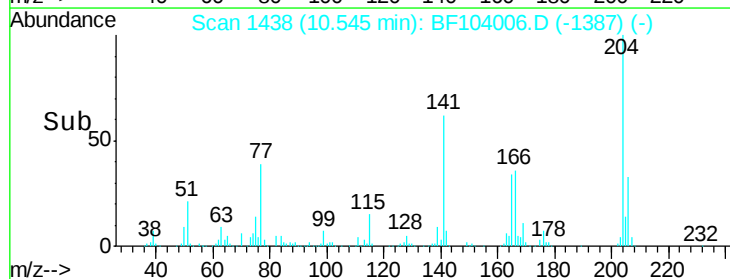
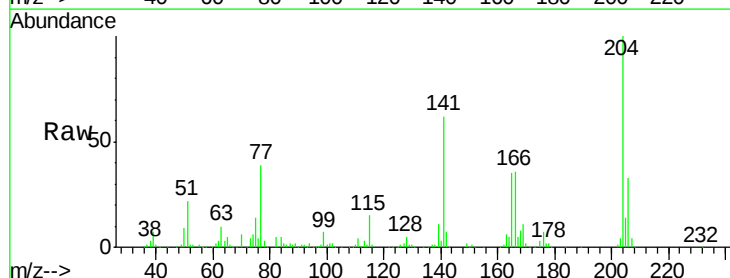
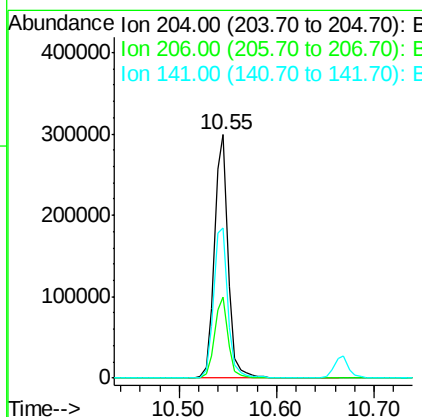
Manual Integrations  
APPROVED

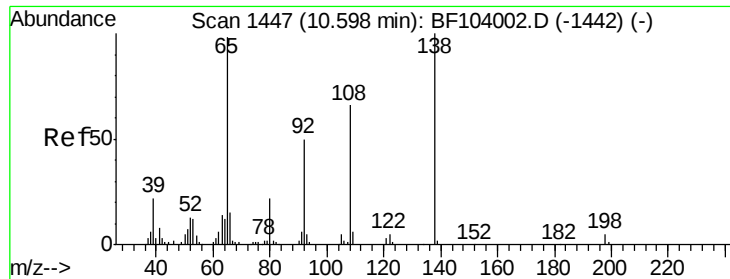
Sohil  
3/29/2018 5:36:06 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 38.027 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.3  | 26.5  | 39.7  |
| 141     | 61.6  | 54.6  | 81.8  |





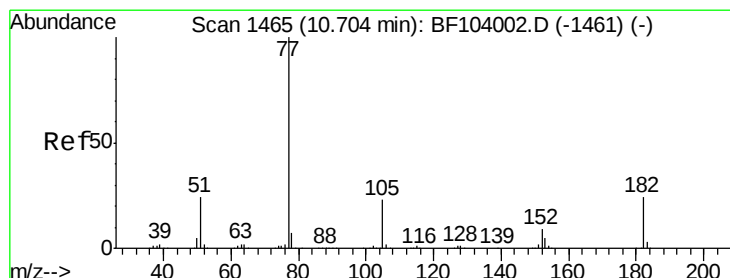
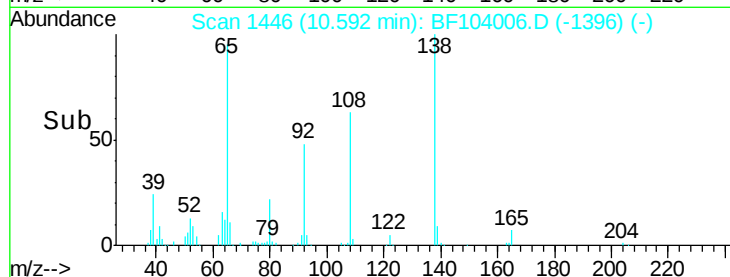
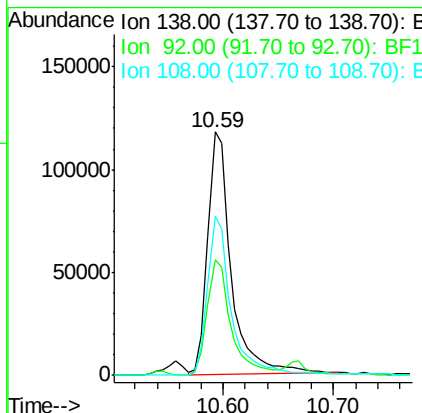
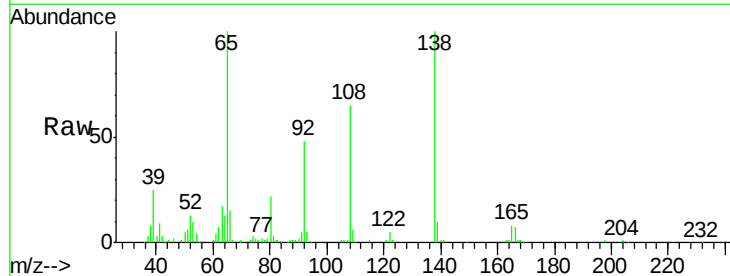
#61  
4-Nitroaniline  
Concen: 40.240 ng  
RT: 10.59 min Scan# 1446  
Delta R.T. -0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.7  | 30.2  | 70.2  |
| 108     | 65.2  | 52.5  | 92.5  |

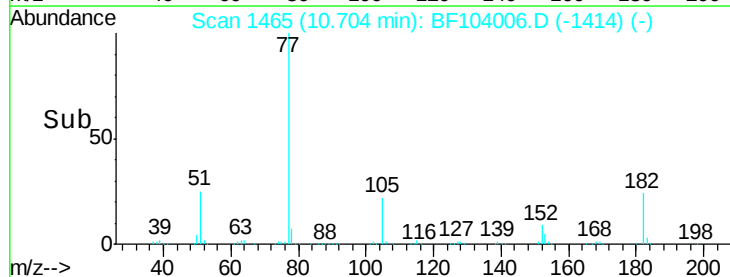
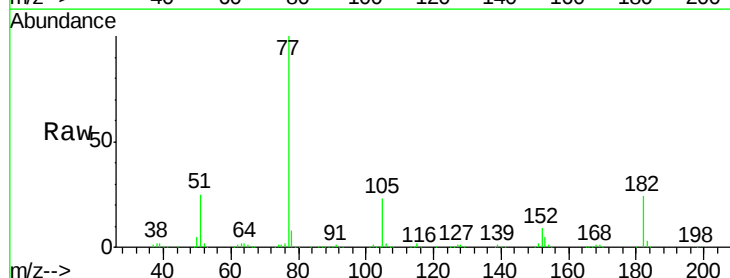
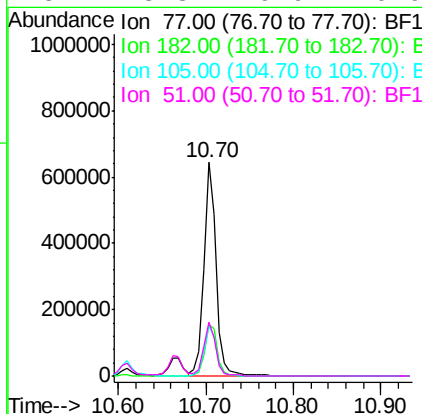
Manual Integrations  
APPROVED

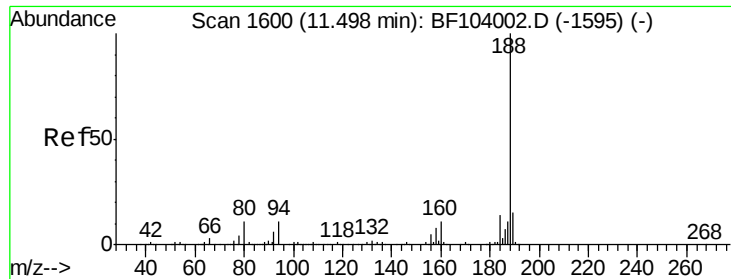
Sohil  
3/29/2018 5:36:06 PM



#62  
Azobenzene  
Concen: 39.121 ng  
RT: 10.70 min Scan# 1465  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.1  | 1.7   | 41.7  |
| 105     | 23.1  | 3.0   | 43.0  |
| 51      | 25.3  | 9.9   | 49.9  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA\_F

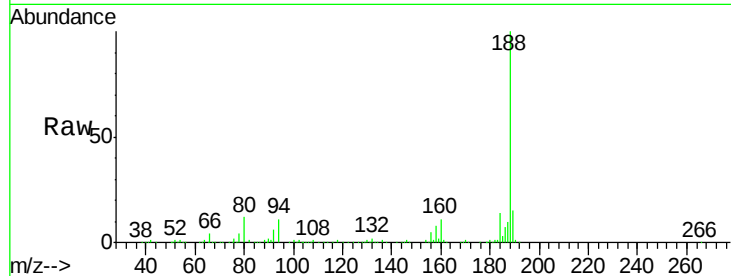
ClientSampleId :

ICVBF032818

|             |       |          |
|-------------|-------|----------|
| Tot Ion:188 | Resp: | 433618   |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 10.9  | 8.5 12.7 |
| 80          | 12.0  | 9.2 13.8 |

Manual Integrations  
APPROVED

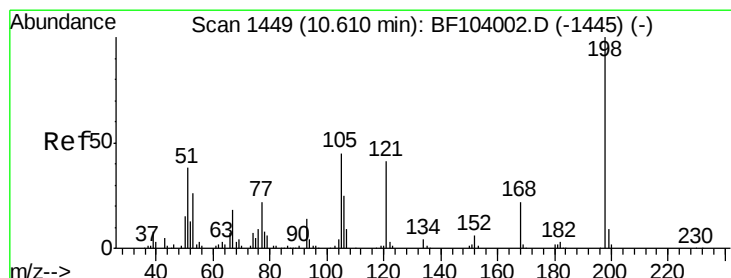
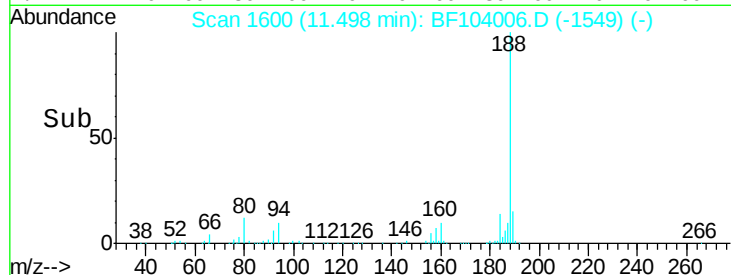
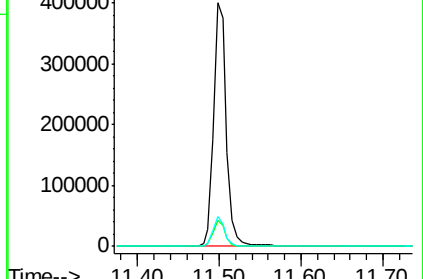
Sohil  
3/29/2018 5:36:06 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 41.001 ng

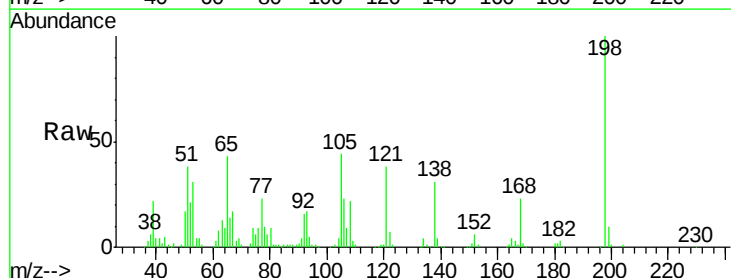
RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

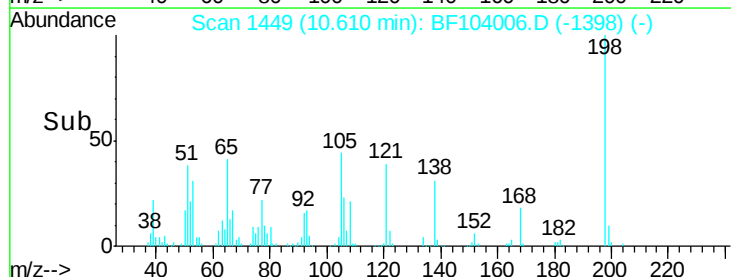
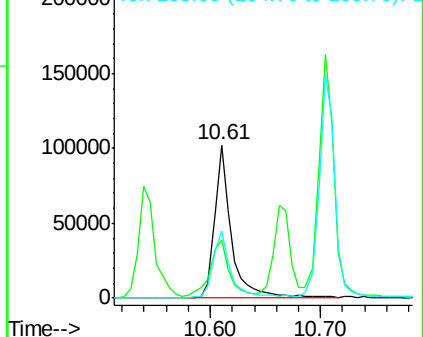
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:198 | Resp: | 107618    |
| Ion Ratio   | Lower | Upper     |
| 198         | 100   |           |
| 51          | 38.3  | 37.7 77.7 |
| 105         | 44.1  | 36.3 76.3 |

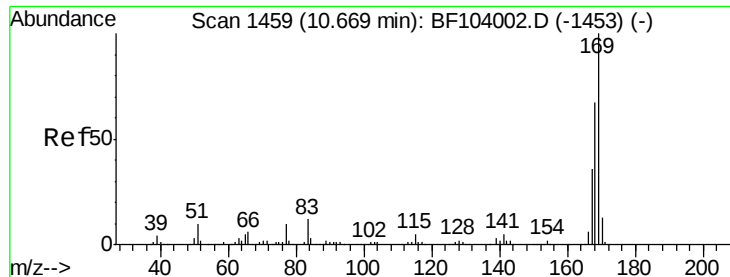


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





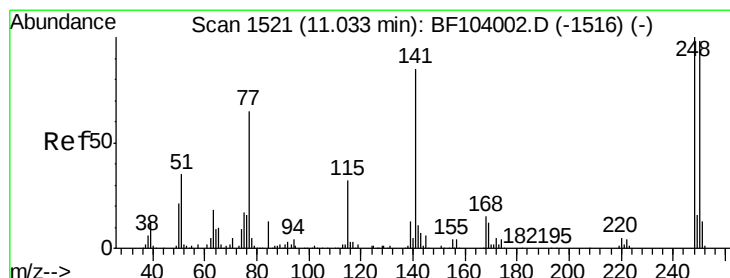
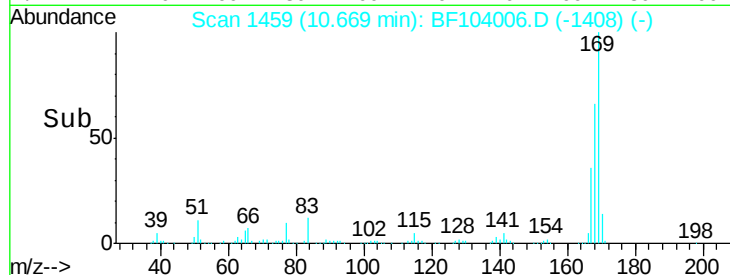
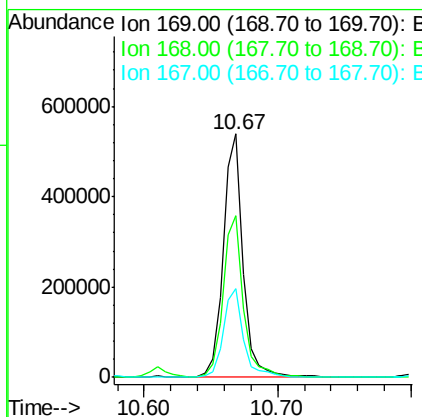
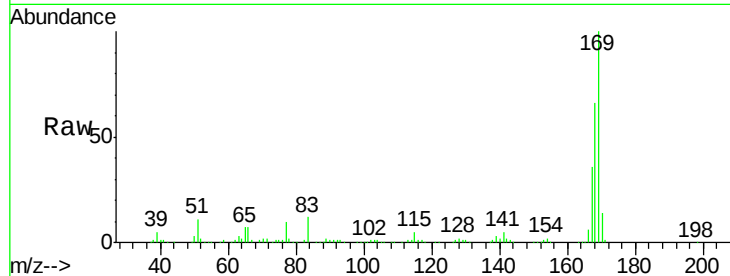
#65  
 n-Nitrosodiphenylamine  
 Concen: 38.385 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 563690 |       |       |
| 168     | 66.5  |        | 54.4  | 81.6  |
| 167     | 36.4  |        | 29.8  | 44.6  |

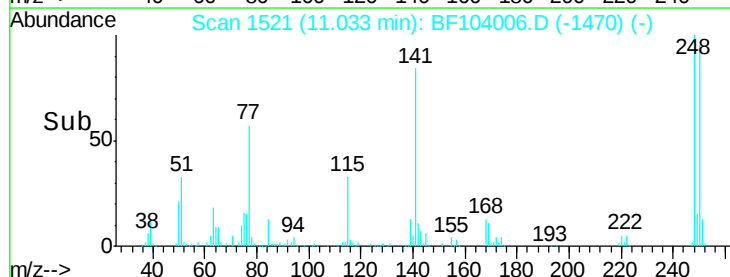
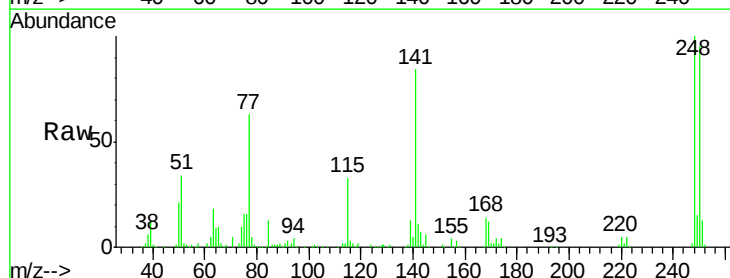
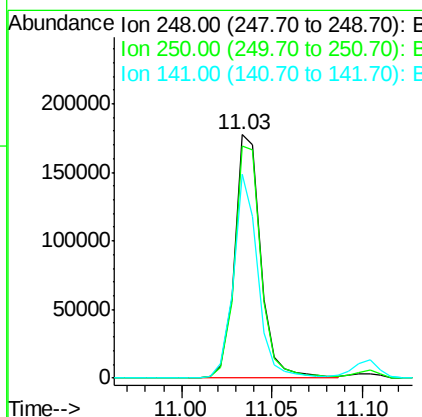
Manual Integrations  
 APPROVED

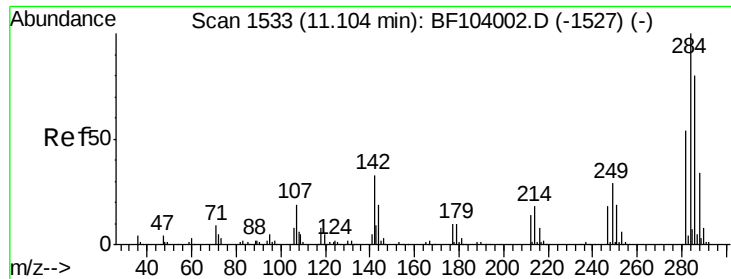
Sohil  
 3/29/2018 5:36:06 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 38.523 ng  
 RT: 11.03 min Scan# 1521  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 178713 |       |       |
| 250     | 95.2  |        | 76.9  | 115.3 |
| 141     | 83.7  |        | 74.4  | 111.6 |





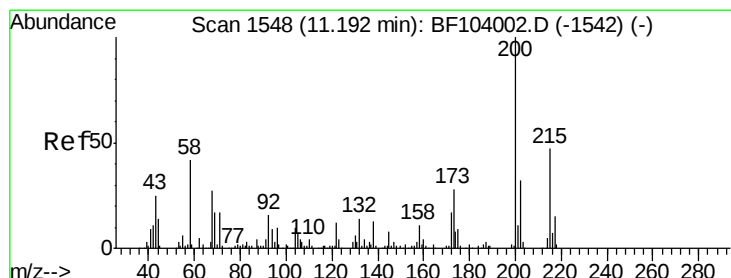
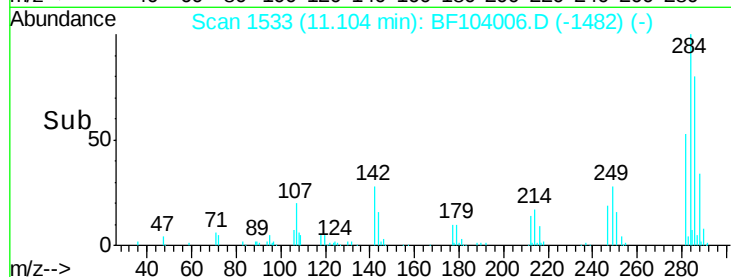
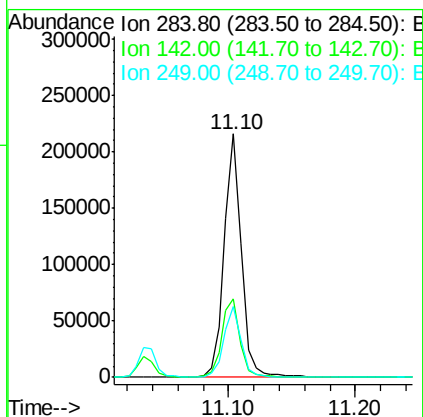
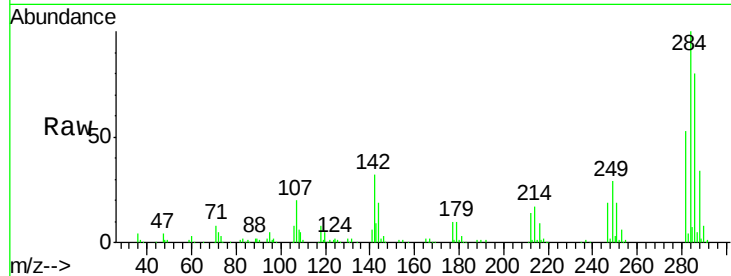
#67  
Hexachlorobenzene  
Concen: 38.326 ng  
RT: 11.10 min Scan# 1533  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 204520 |       |       |
| 142     | 32.4  |        | 34.6  | 52.0# |
| 249     | 29.3  |        | 24.8  | 37.2  |

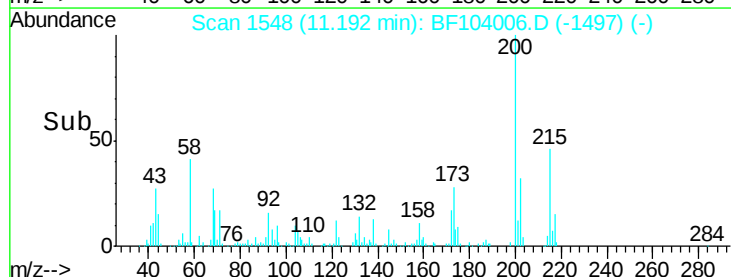
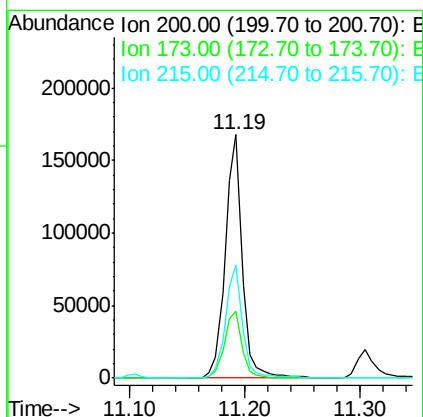
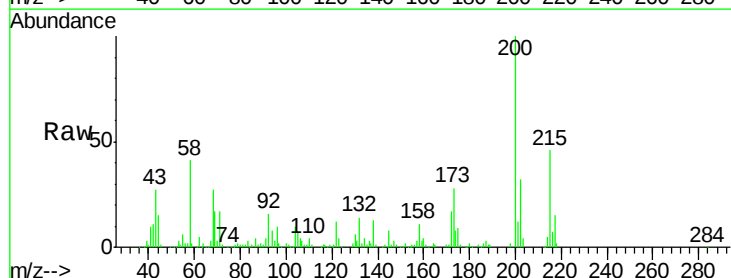
Manual Integrations  
APPROVED

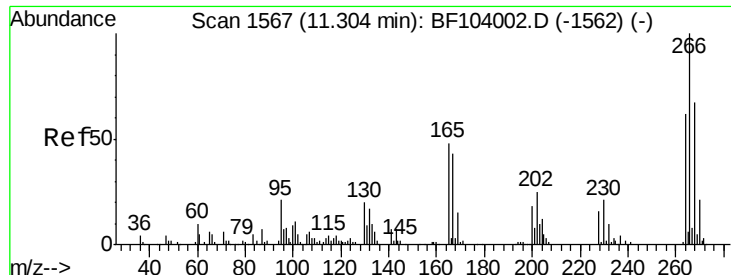
Sohil  
3/29/2018 5:36:06 PM



#68  
Atrazine  
Concen: 38.293 ng  
RT: 11.19 min Scan# 1548  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 172277 |       |       |
| 173     | 27.6  |        | 8.6   | 48.6  |
| 215     | 46.4  |        | 25.1  | 65.1  |





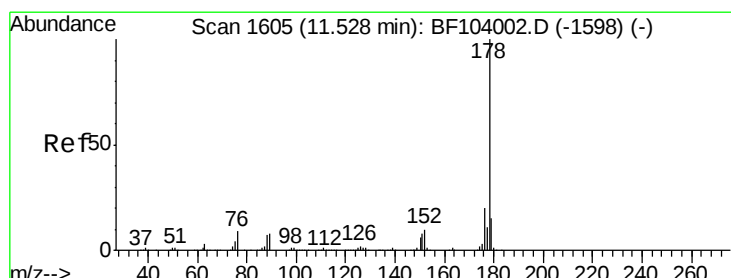
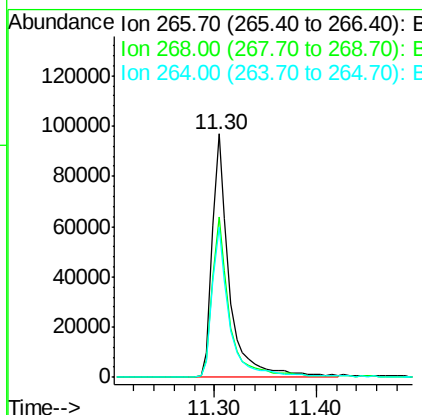
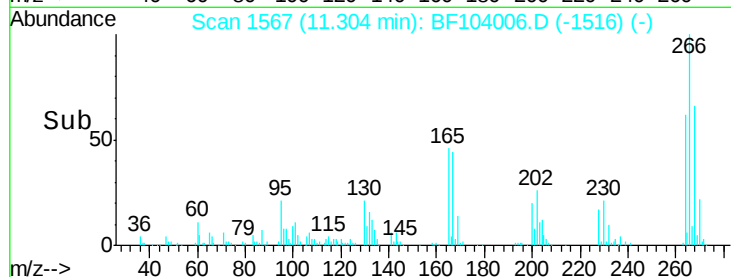
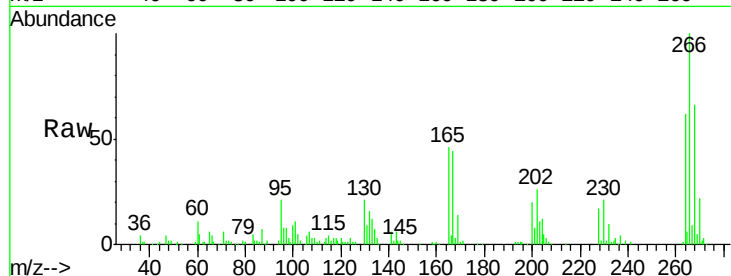
#69  
 Pentachlorophenol  
 Concen: 38.951 ng  
 RT: 11.30 min Scan# 1567  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.8  | 51.1  | 76.7  |
| 264     | 61.8  | 49.5  | 74.3  |

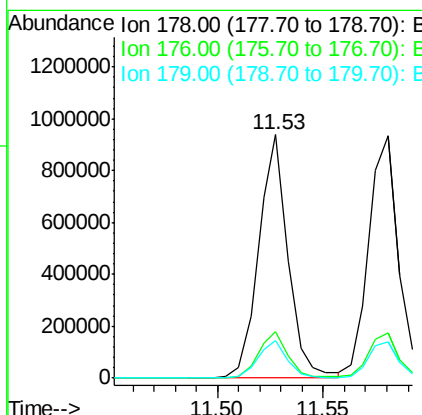
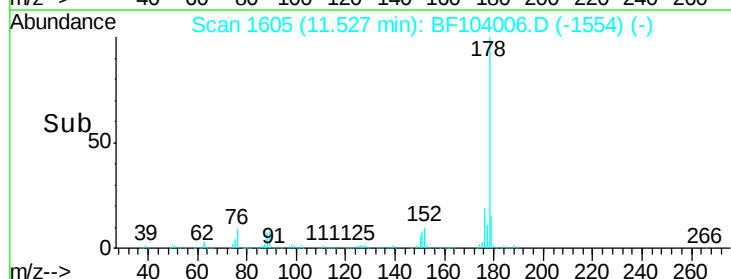
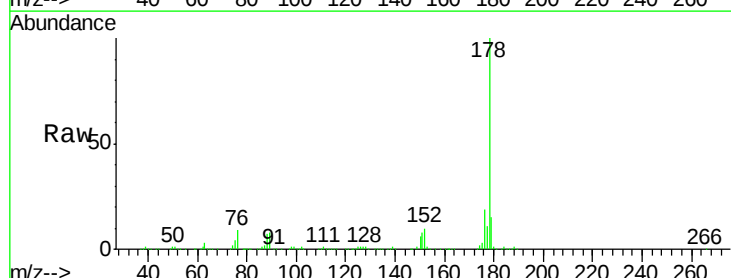
Manual Integrations  
 APPROVED

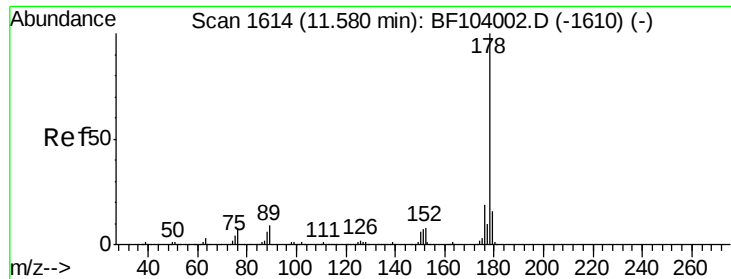
Sohil  
 3/29/2018 5:36:06 PM



#70  
 Phenanthrene  
 Concen: 38.700 ng  
 RT: 11.53 min Scan# 1605  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.8  | 23.8  |
| 179     | 15.5  | 13.0  | 19.6  |





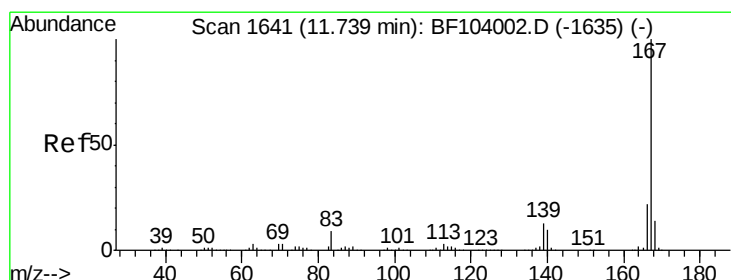
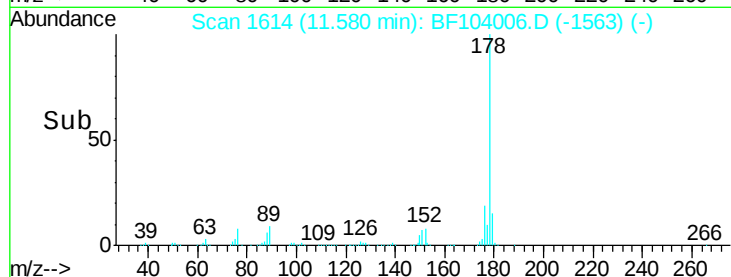
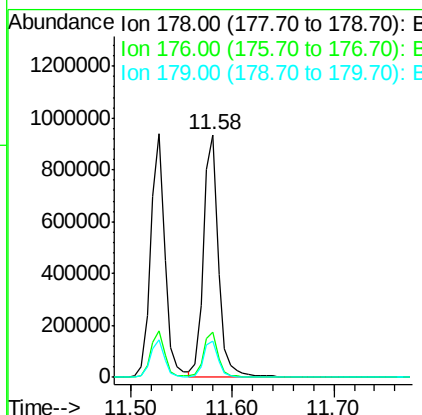
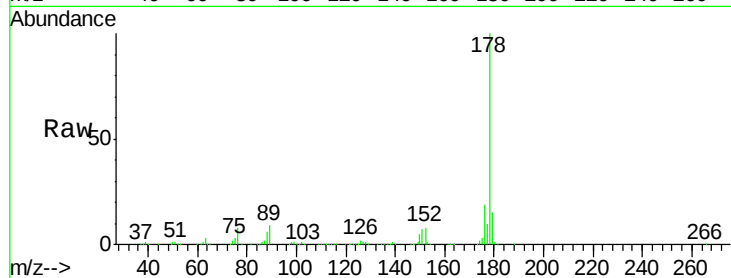
#71  
 Anthracene  
 Concen: 38.880 ng  
 RT: 11.58 min Scan# 1614  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.4  | 23.2  |
| 179     | 15.2  | 12.6  | 19.0  |

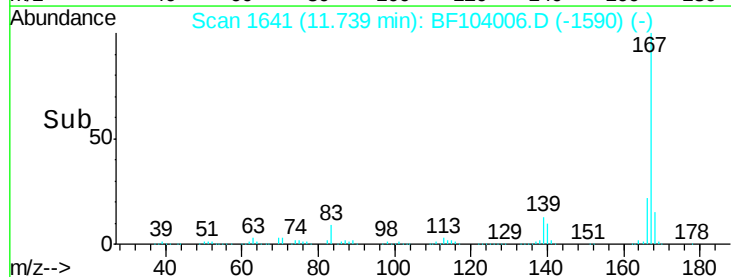
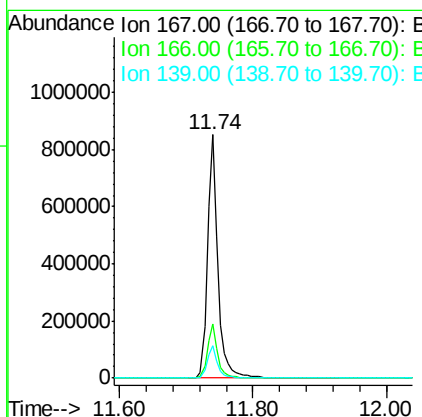
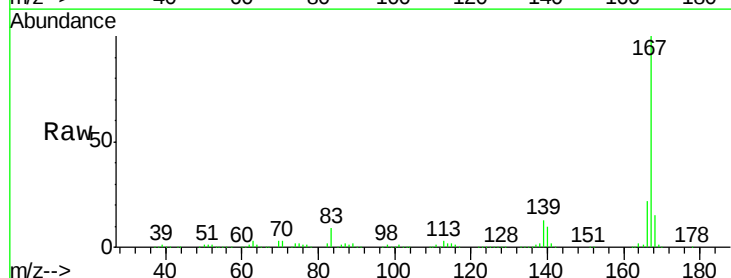
Manual Integrations  
 APPROVED

Sohil  
 3/29/2018 5:36:06 PM



#72  
 Carbazole  
 Concen: 39.339 ng  
 RT: 11.74 min Scan# 1641  
 Delta R.T. -0.00 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 17.6  | 26.4  |
| 139     | 13.2  | 10.9  | 16.3  |





#73

Di-n-butylphthalate

Concen: 37.295 ng

RT: 12.05 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA\_F

ClientSampleId :

ICVBF032818

Tot Ion:149 Resp: 1039723

Ion Ratio Lower Upper

149 100

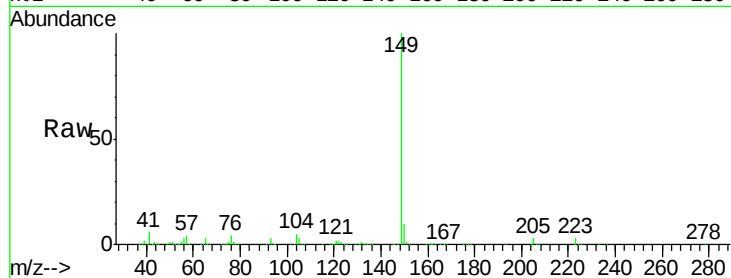
150 9.5 7.8 11.6

104 4.7 3.8 5.8

Manual Integrations  
APPROVED

Sohil

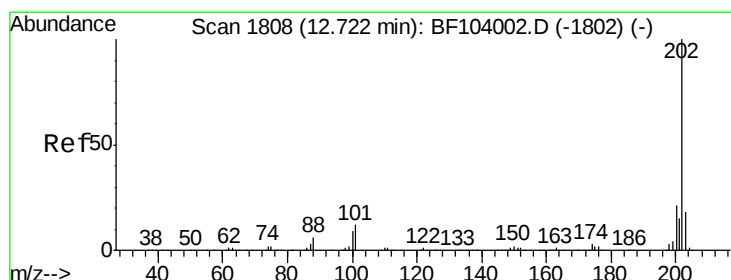
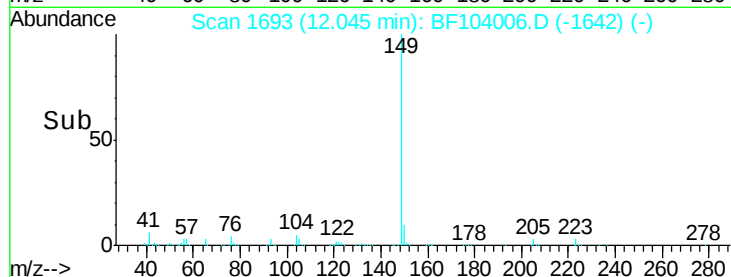
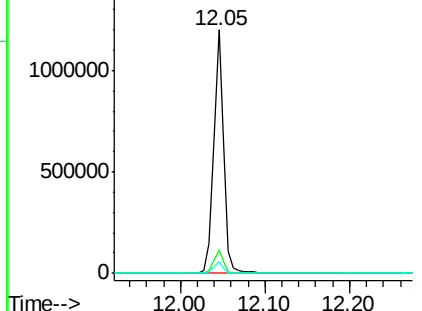
3/29/2018 5:36:06 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.112 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

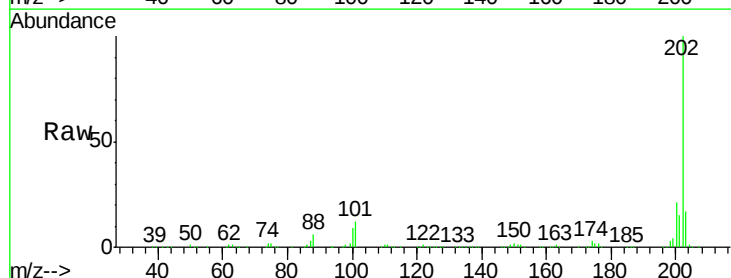
Tgt Ion:202 Resp: 976007

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

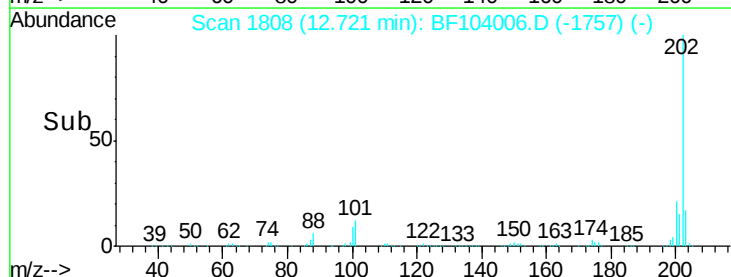
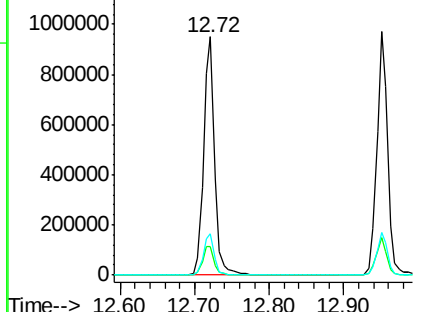
203 17.3 0.0 38.1

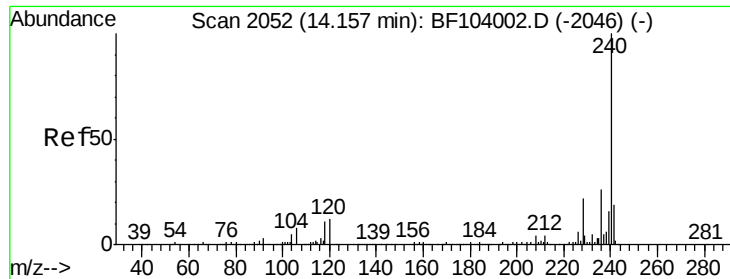


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA\_F

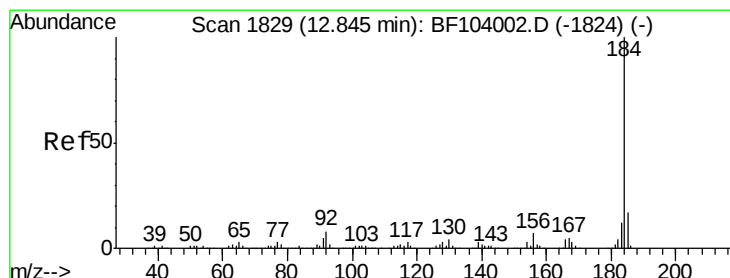
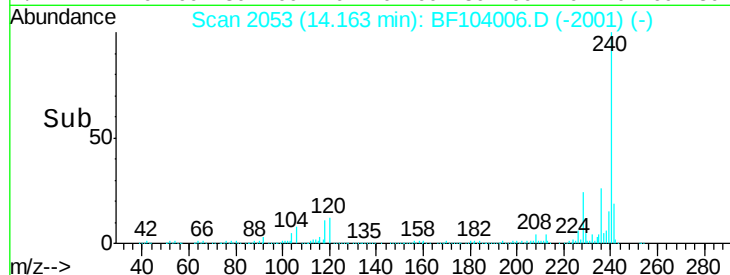
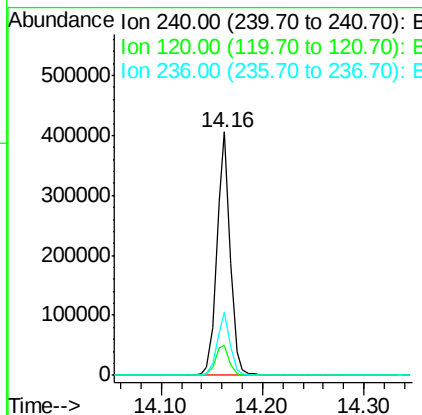
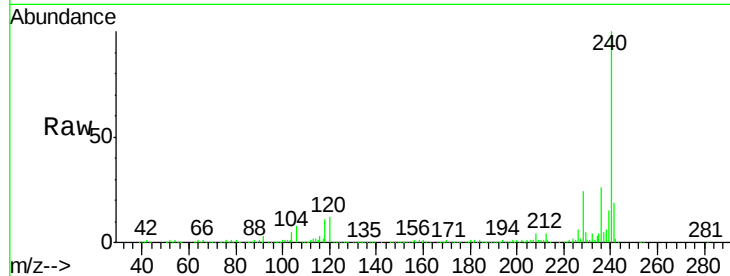
ClientSampleId :

ICVBF032818

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 240  | Resp: | 368047 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 12.1 | 9.5   | 14.3   |
| 236       | 26.1 | 20.7  | 31.1   |

Manual Integrations  
APPROVED

Sohil  
3/29/2018 5:36:06 PM



#76

Benzidine

Concen: 39.876 ng

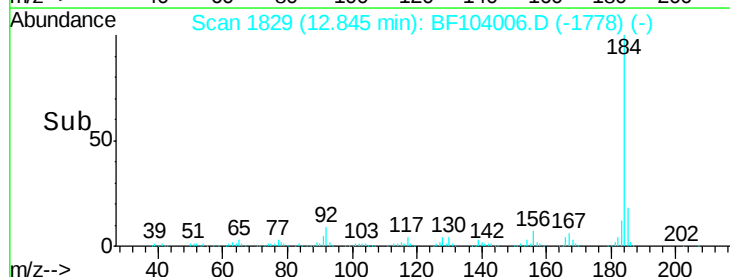
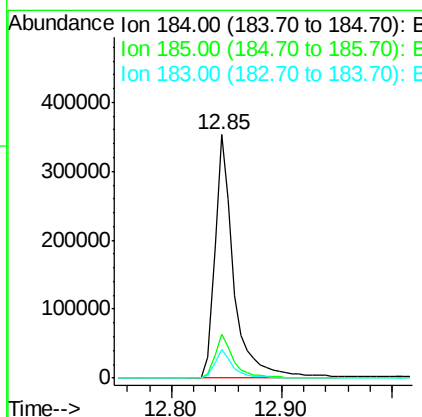
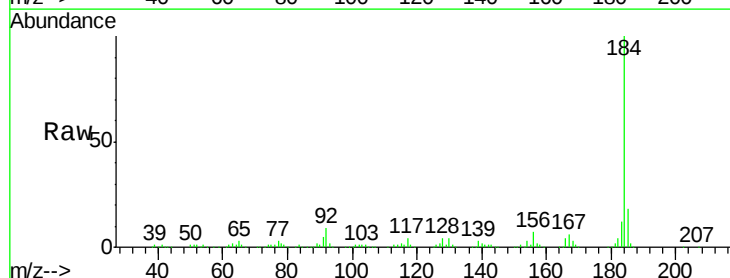
RT: 12.85 min Scan# 1829

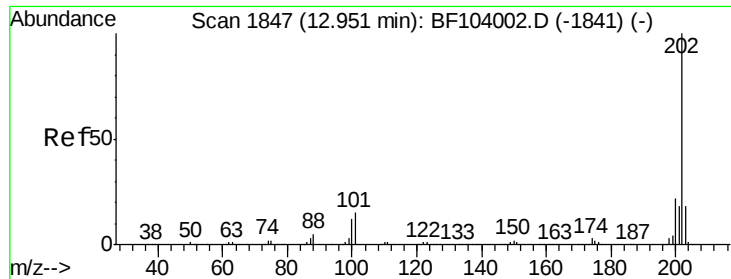
Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 184  | Resp: | 418240 |
| Ion Ratio |      | Lower | Upper  |
| 184       | 100  |       |        |
| 185       | 17.8 | 12.6  | 18.8   |
| 183       | 11.9 | 9.3   | 13.9   |





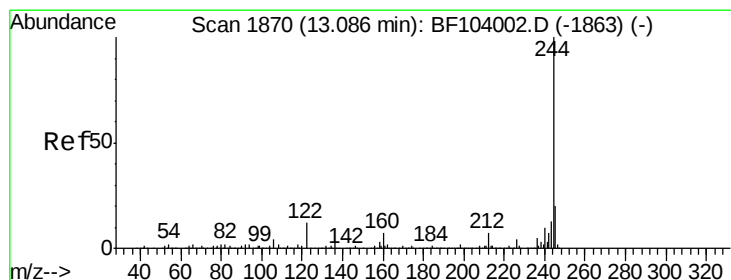
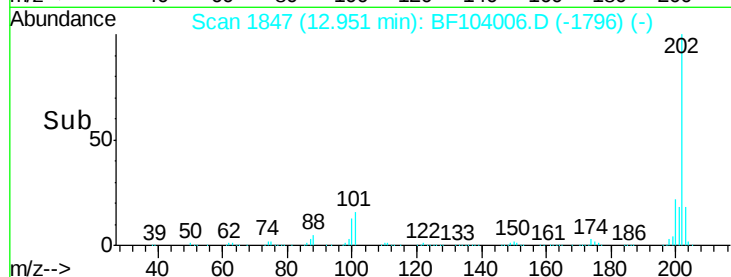
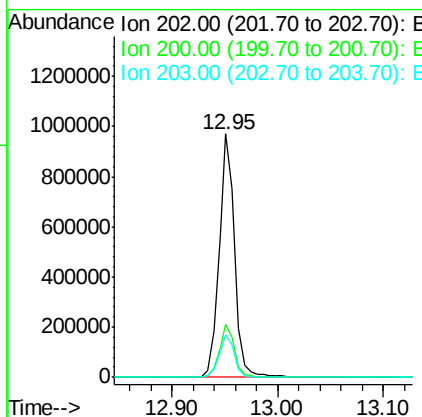
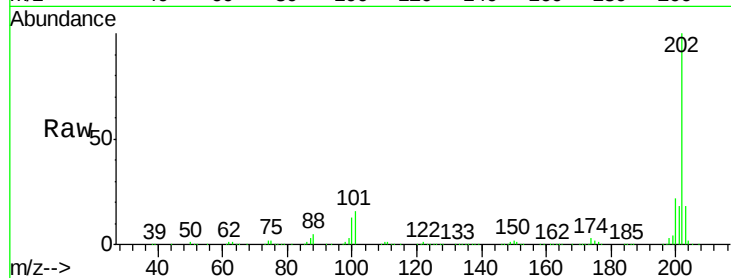
#77  
Pvrene  
Concen: 37.813 ng  
RT: 12.95 min Scan# 1847  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.8  | 17.4  | 26.2  |
| 203     | 17.7  | 14.3  | 21.5  |

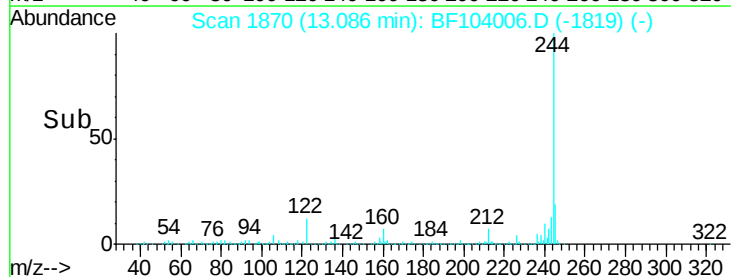
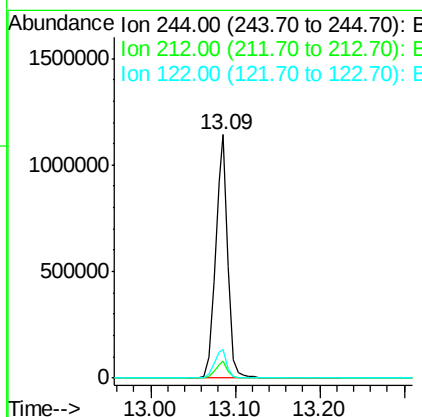
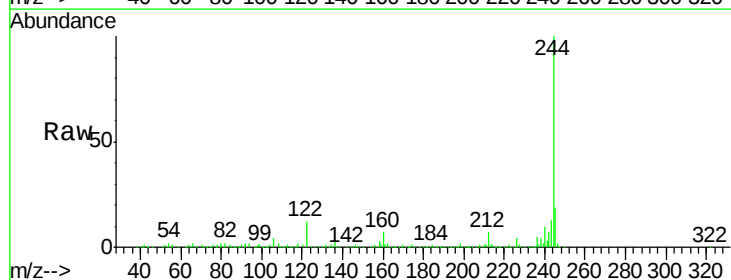
Manual Integrations  
APPROVED

Sohil  
3/29/2018 5:36:06 PM



#78  
Terphenyl-d14  
Concen: 73.214 ng  
RT: 13.09 min Scan# 1870  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.0   | 5.4   | 8.0   |
| 122     | 11.9  | 11.0  | 16.4  |





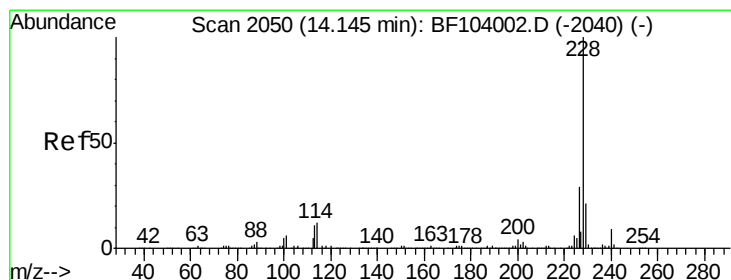
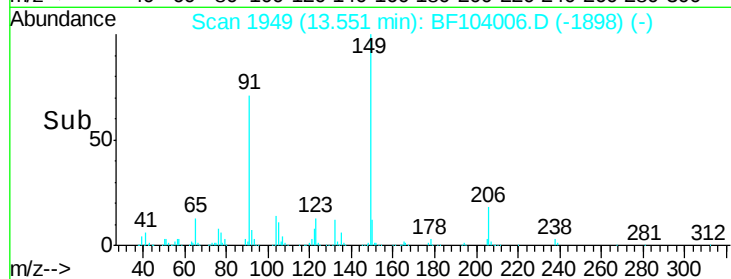
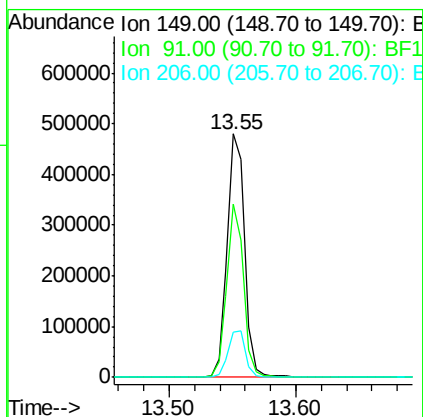
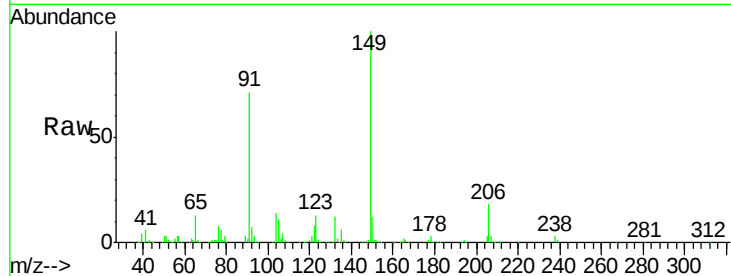
#79  
Butylbenzylphthalate  
Concen: 36.685 ng  
RT: 13.55 min Scan# 1949  
Delta R.T. -0.00 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.1  | 56.8  | 85.2  |
| 206     | 18.4  | 14.1  | 21.1  |

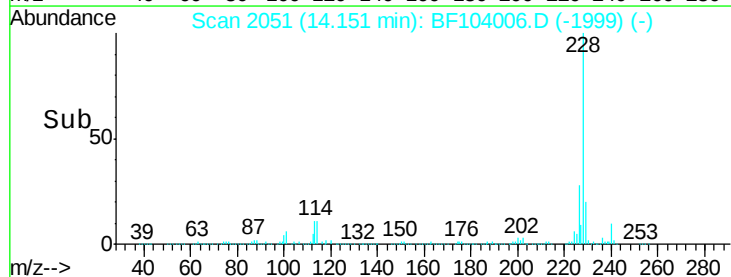
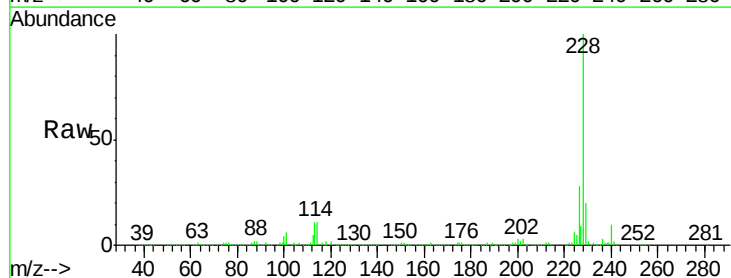
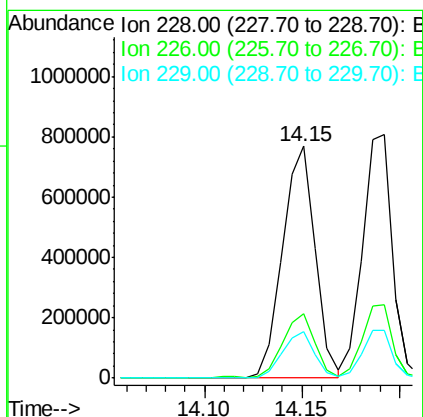
Manual Integrations  
APPROVED

Sohil  
3/29/2018 5:36:06 PM



#80  
Benzo(a)anthracene  
Concen: 38.479 ng  
RT: 14.15 min Scan# 2051  
Delta R.T. 0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.7  | 22.6  | 33.8  |
| 229     | 19.9  | 15.8  | 23.6  |





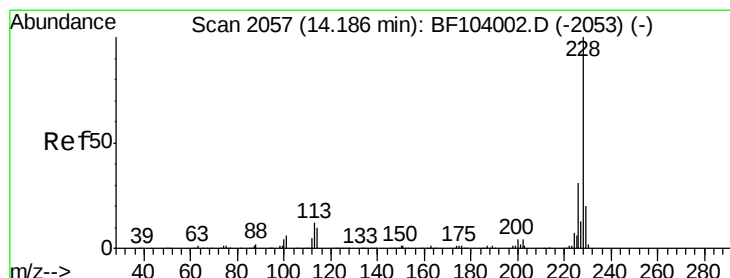
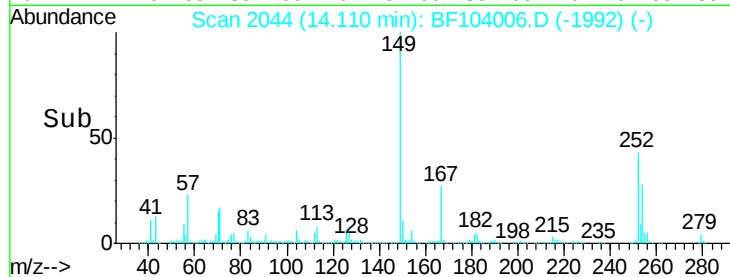
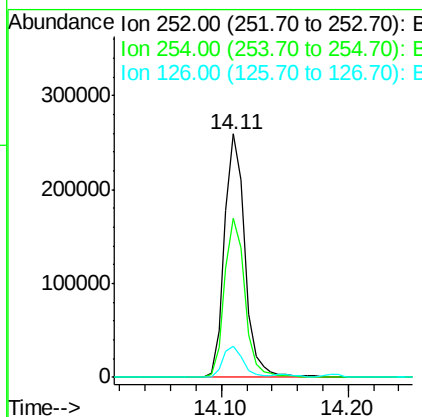
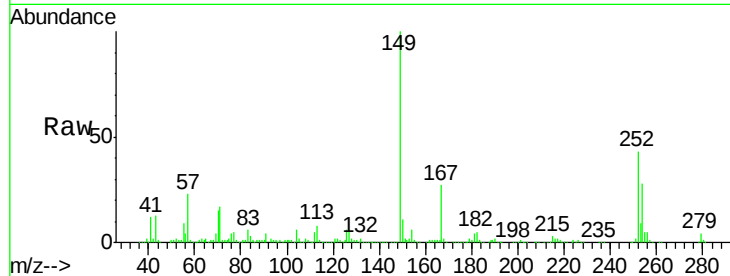
#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.177 ng  
 RT: 14.11 min Scan# 2044  
 Delta R.T. 0.01 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF032818

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 65.4  | 50.4       | 75.6  |
| 126     | 13.0  | 11.3       | 16.9  |

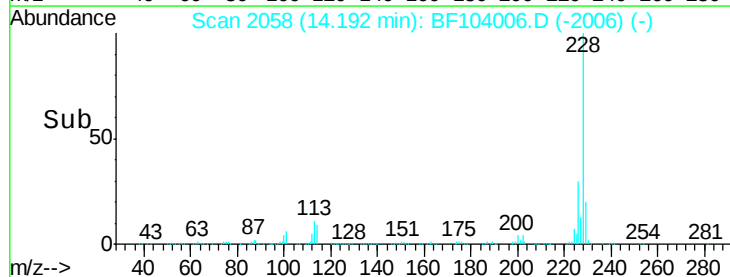
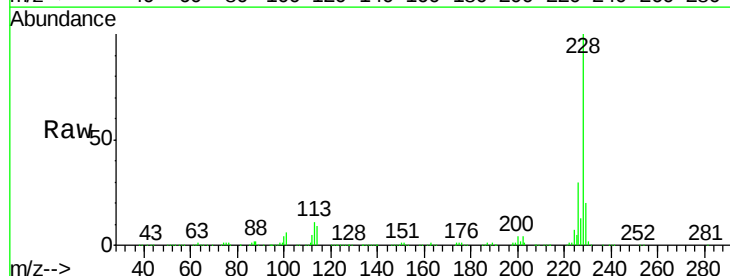
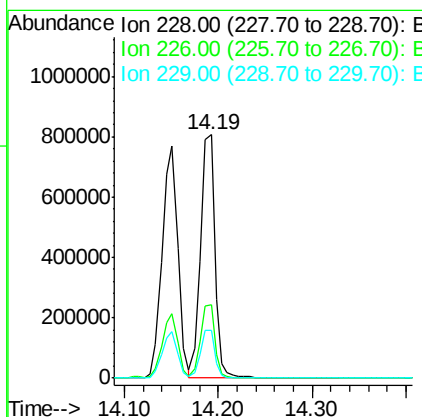
Manual Integrations  
 APPROVED

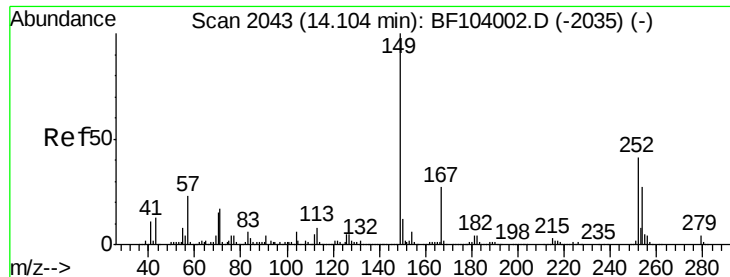
Sohil  
 3/29/2018 5:36:06 PM



#82  
 Chrysene  
 Concen: 38.249 ng  
 RT: 14.19 min Scan# 2058  
 Delta R.T. 0.01 min  
 Lab File: BF104006.D  
 Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 30.3  | 25.0       | 37.6  |
| 229     | 19.5  | 16.2       | 24.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.159 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA\_F

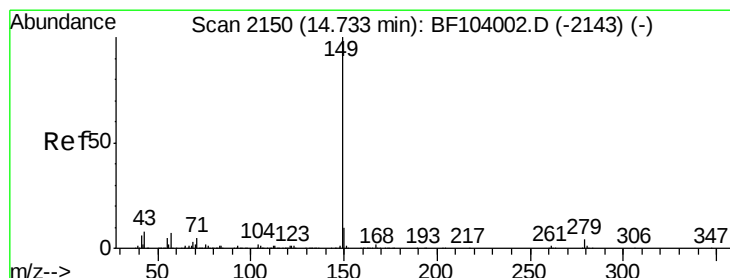
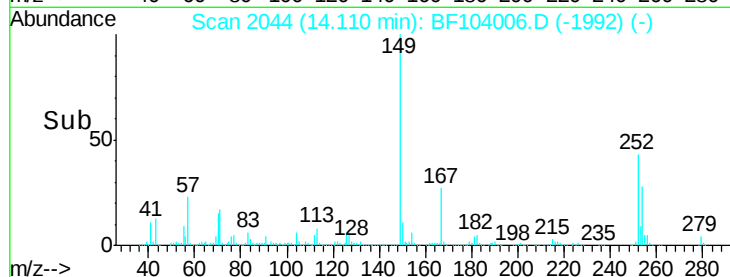
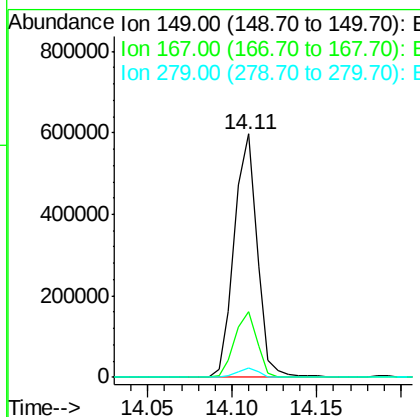
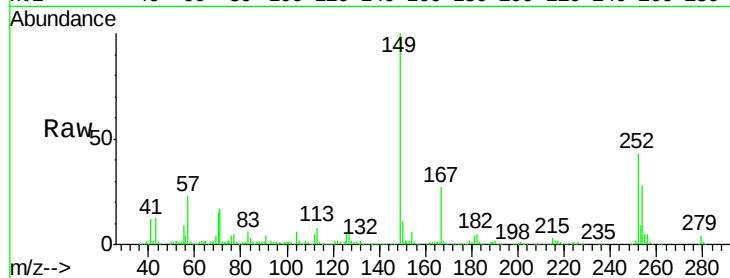
ClientSampleId :

ICVBF032818

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 149  | Resp: | 566240 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 26.9 | 21.3  | 31.9   |
| 279       | 3.8  | 3.0   | 4.4    |

Manual Integrations  
APPROVED

Sohil  
3/29/2018 5:36:06 PM



#84

Di-n-octyl phthalate

Concen: 36.345 ng

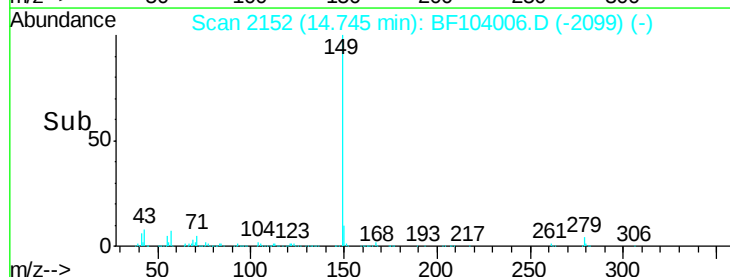
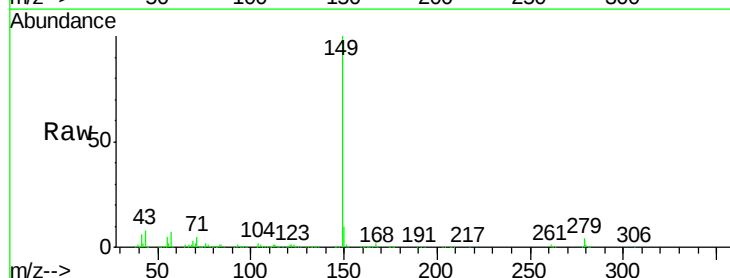
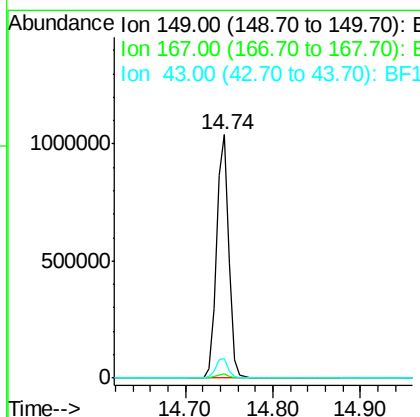
RT: 14.74 min Scan# 2152

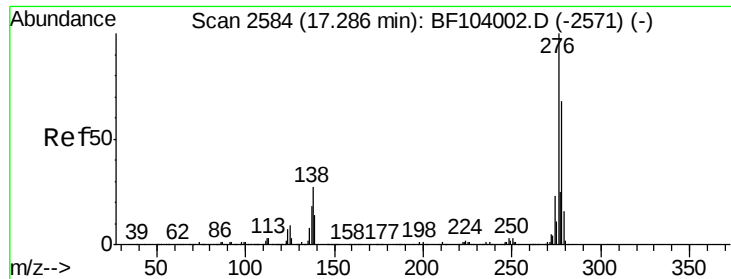
Delta R.T. 0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

|           |     |       |         |
|-----------|-----|-------|---------|
| Tgt Ion:  | 149 | Resp: | 1006903 |
| Ion Ratio |     | Lower | Upper   |
| 149       | 100 |       |         |
| 167       | 1.6 | 1.2   | 1.8     |
| 43        | 8.1 | 8.4   | 12.6#   |





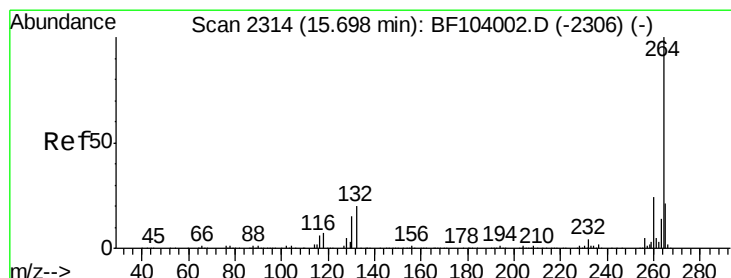
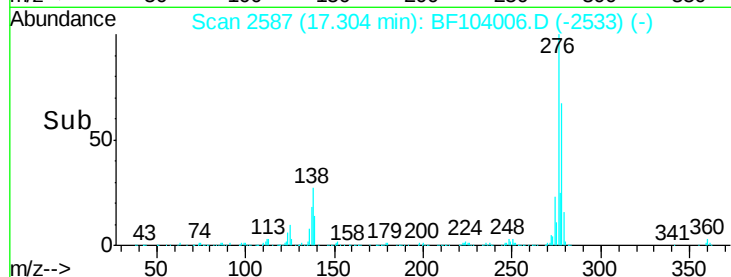
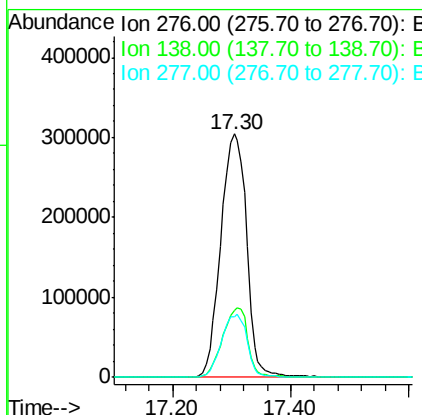
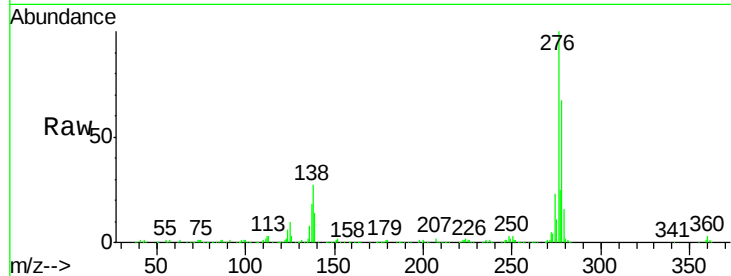
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 39.946 ng  
RT: 17.30 min Scan# 2587  
Delta R.T. 0.02 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 28.1  | 25.0  | 37.6  |
| 277     | 25.8  | 20.1  | 30.1  |

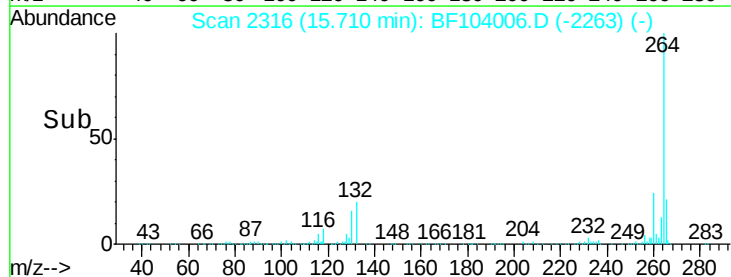
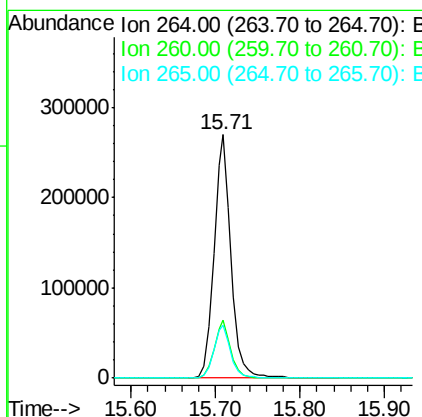
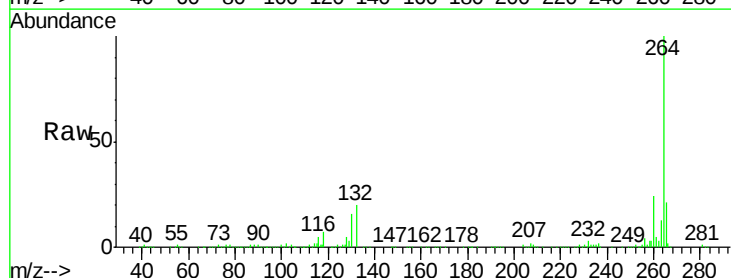
Manual Integrations  
APPROVED

Sohil  
3/29/2018 5:36:06 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.71 min Scan# 2316  
Delta R.T. 0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.2  | 28.8  |
| 265     | 21.5  | 17.5  | 26.3  |





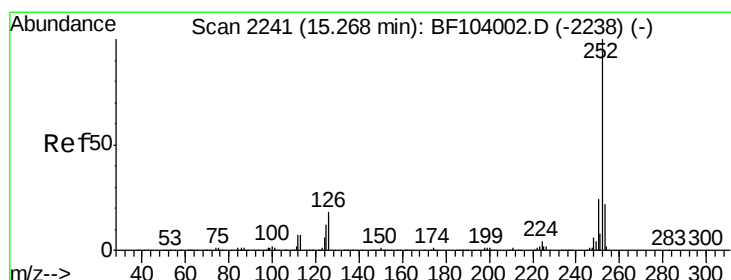
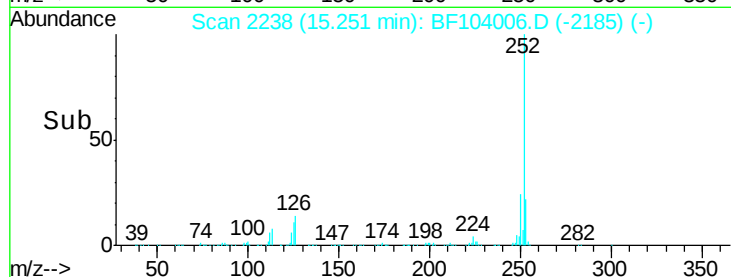
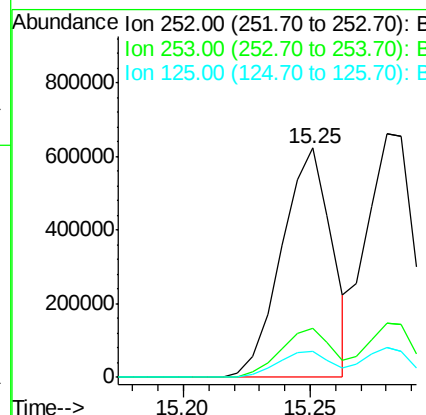
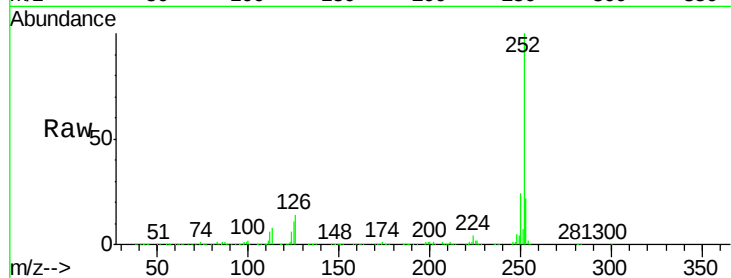
#87  
Benzo(b)fluoranthene  
Concen: 36.852 ng  
RT: 15.25 min Scan# 2238  
Delta R.T. 0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.0  | 25.6  |
| 125     | 11.4  | 9.0   | 13.6  |

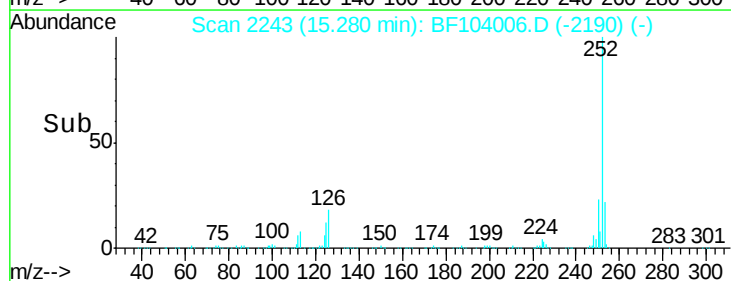
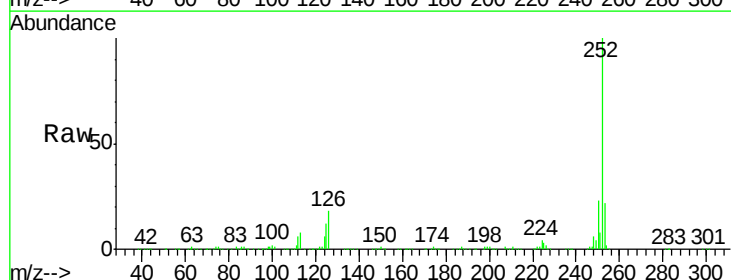
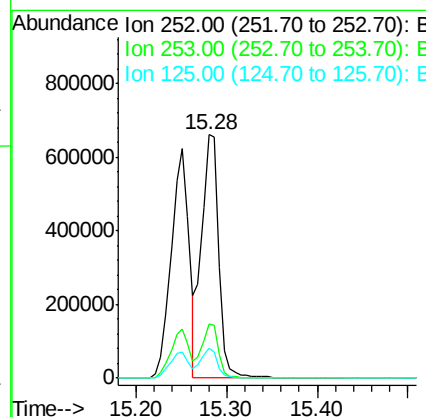
Manual Integrations  
APPROVED

Sohil  
3/29/2018 5:36:06 PM



#88  
Benzo(k)fluoranthene  
Concen: 40.177 ng  
RT: 15.28 min Scan# 2243  
Delta R.T. 0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.9  | 26.9  |
| 125     | 12.2  | 10.2  | 15.2  |





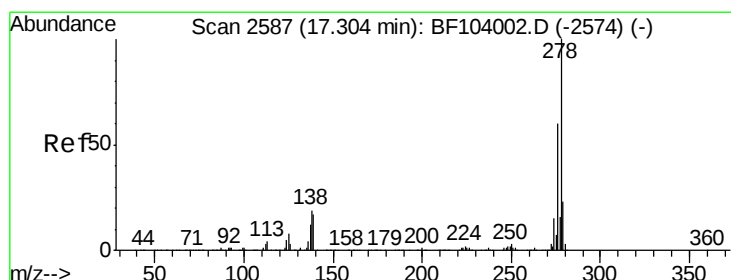
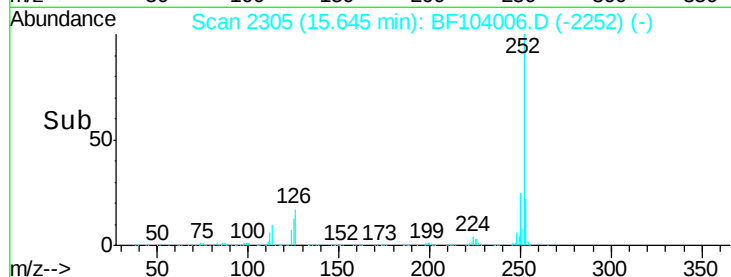
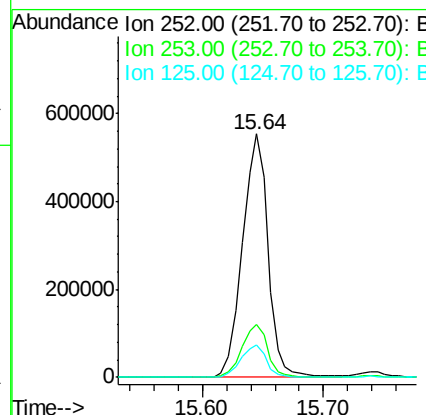
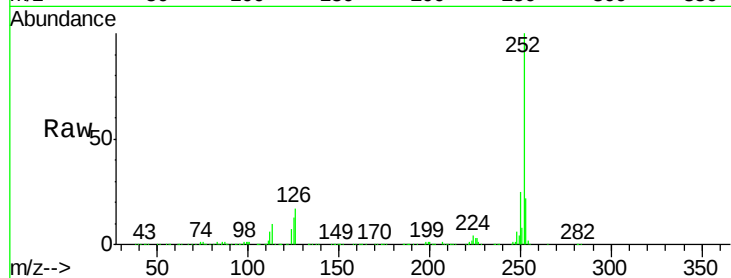
#89  
Benzo(a)pyrene  
Concen: 38.234 ng  
RT: 15.64 min Scan# 2305  
Delta R.T. 0.01 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF032818

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.1  | 25.7  |
| 125     | 13.2  | 9.8   | 14.6  |

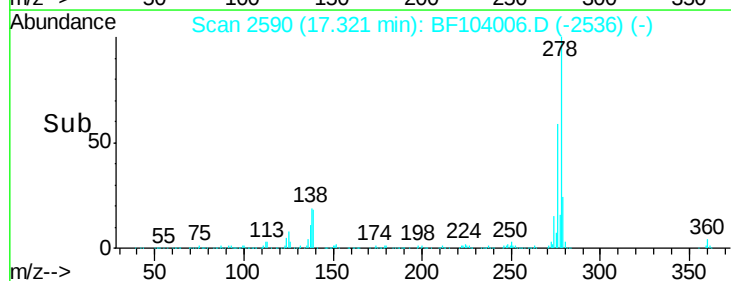
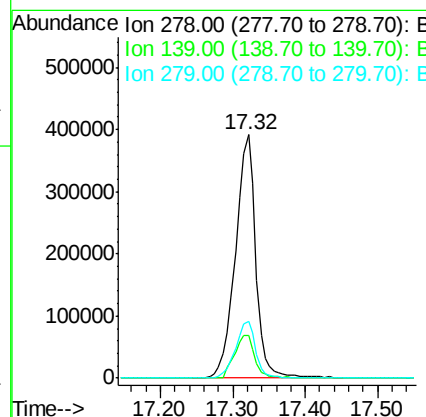
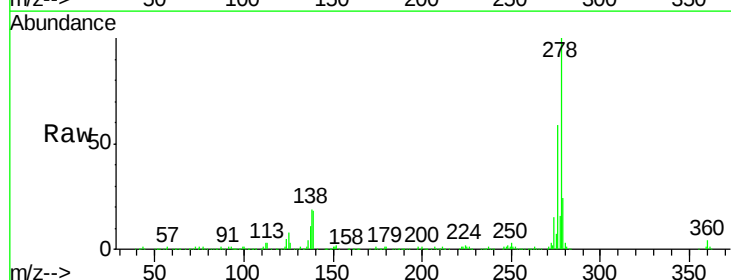
Manual Integrations  
APPROVED

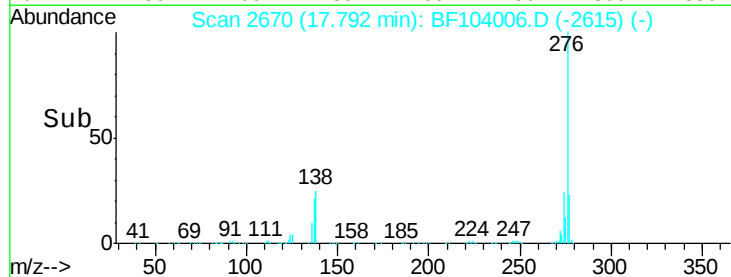
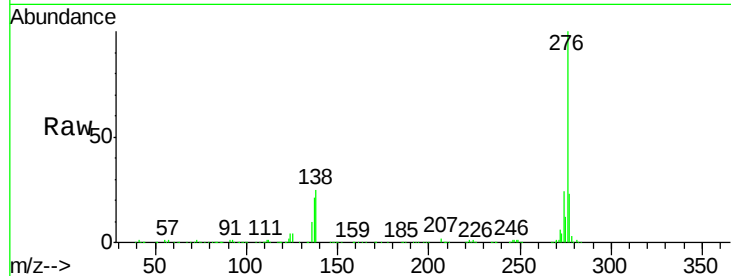
Sohil  
3/29/2018 5:36:06 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 38.584 ng  
RT: 17.32 min Scan# 2590  
Delta R.T. 0.02 min  
Lab File: BF104006.D  
Acq: 28 Mar 2018 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.6  | 15.9  | 23.9  |
| 279     | 23.5  | 19.0  | 28.4  |





#91

Benzo(a,h,i)perylene

Concen: 39.024 ng

RT: 17.79 min Scan# 2670

Delta R.T. 0.02 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 776235 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.1 | 17.9  | 26.9   |
| 138       | 25.1 | 21.8  | 32.8   |

Instrument :

BNA\_F

ClientSampleId :

ICVBF032818

Manual Integrations  
APPROVED

Sohil  
3/29/2018 5:36:06 PM

