

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\  
 Data File : BF104608.D  
 Acq On : 18 Apr 2018 18:11  
 Operator : JU/SJ  
 Sample : PB108327BS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108327BS

Manual Integrations  
 APPROVED

Sohil  
 4/19/2018 12:43:17 PM

Quant Time: Apr 19 01:24:18 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 18 11:52:19 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 119520   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 482421   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.85  | 164  | 211504   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.33 | 188  | 337813   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.98 | 240  | 237609   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.44 | 264  | 238816   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 947945  | 121.27 | ng | 0.01 |
| 7) Phenol-d6             | 6.45  | 99  | 1164300 | 121.23 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 735334  | 99.53  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.64 | 330 | 269238  | 122.72 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.17  | 172 | 1266289 | 94.58  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.92 | 244 | 996475  | 95.61  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.59 | 88  | 145368  | 39.912 | ng | 89     |
| 3) Pyridine                    | 3.32 | 79  | 412121  | 40.245 | ng | 87     |
| 4) n-Nitrosodimethylamine      | 3.28 | 42  | 154871  | 43.265 | ng | # 76   |
| 6) Aniline                     | 6.47 | 93  | 183630  | 13.762 | ng | 92     |
| 8) 2-Chlorophenol              | 6.59 | 128 | 363841  | 44.101 | ng | 95     |
| 9) Benzaldehyde                | 6.36 | 77  | 232506  | 53.752 | ng | 94     |
| 10) Phenol                     | 6.46 | 94  | 432028  | 42.396 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 346115  | 42.563 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 385856  | 41.283 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 391118  | 41.979 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 361575  | 41.878 | ng | 99     |
| 15) Benzyl Alcohol             | 6.95 | 79  | 298414  | 40.909 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 443927  | 40.650 | ng | 90     |
| 17) 2-Methylphenol             | 7.06 | 107 | 303185  | 42.276 | ng | 96     |
| 18) Hexachloroethane           | 7.32 | 117 | 136705  | 41.153 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 233636  | 37.228 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 357209  | 40.161 | ng | # 61   |
| 22) Acetophenone               | 7.22 | 105 | 471942  | 39.736 | ng | 98     |
| 24) Nitrobenzene               | 7.39 | 77  | 375078  | 45.983 | ng | 97     |
| 25) Isophorone                 | 7.63 | 82  | 680787  | 43.576 | ng | 98     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 194386  | 58.538 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 319134  | 46.285 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 442901  | 46.367 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 297430  | 45.211 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 305630  | 42.332 | ng | 99     |
| 31) Naphthalene                | 8.11 | 128 | 1024496 | 42.648 | ng | 99     |
| 32) Benzoic acid               | 7.87 | 122 | 213201  | 38.754 | ng | 97     |
| 33) 4-Chloroaniline            | 8.16 | 127 | 64818   | 6.298  | ng | 98     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 166196  | 42.026 | ng | 98     |
| 35) Caprolactam                | 8.54 | 113 | 101921m | 44.410 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 317445  | 45.001 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 669817  | 43.107 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 281370  | 46.473 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.95 | 237 | 135138  | 39.870 | ng | 97     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\  
 Data File : BF104608.D  
 Acq On : 18 Apr 2018 18:11  
 Operator : JU/SJ  
 Sample : PB108327BS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108327BS

Manual Integrations  
 APPROVED

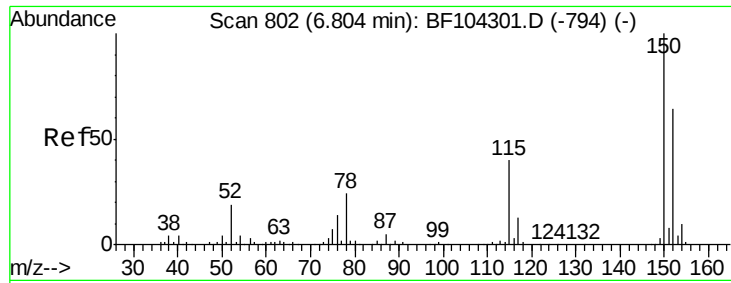
Sohil  
 4/19/2018 12:43:17 PM

Quant Time: Apr 19 01:24:18 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 18 11:52:19 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.09  | 196  | 196627   | 46.783 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 207808   | 44.184 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 9.27  | 154  | 776913   | 43.726 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.29  | 162  | 616417   | 43.922 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.39  | 65   | 186136   | 53.631 | nq    | 96       |
| 48) Acenaphthylene             | 9.71  | 152  | 915351   | 41.570 | nq    | 99       |
| 49) Dimethylphthalate          | 9.57  | 163  | 738490   | 44.277 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.63  | 165  | 160530   | 52.015 | nq    | 96       |
| 51) Acenaphthene               | 9.88  | 154  | 534581   | 39.791 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.80  | 138  | 54575    | 15.105 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 9.91  | 184  | 61708    | 56.596 | nq #  | 21       |
| 54) Dibenzofuran               | 10.05 | 168  | 808405   | 43.178 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.97  | 139  | 241682   | 85.155 | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 10.04 | 165  | 202803   | 50.097 | nq #  | 95       |
| 57) Fluorene                   | 10.40 | 166  | 606657   | 44.516 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 154298   | 43.975 | nq    | 94       |
| 59) Diethylphthalate           | 10.27 | 149  | 702956   | 42.319 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.39 | 204  | 282758   | 46.590 | nq    | 99       |
| 61) 4-Nitroaniline             | 10.42 | 138  | 133850   | 37.889 | nq    | 97       |
| 62) Azobenzene                 | 10.54 | 77   | 659167   | 41.536 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 46662    | 31.368 | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 10.51 | 169  | 556541   | 47.515 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.87 | 248  | 175505   | 48.843 | nq    | 97       |
| 67) Hexachlorobenzene          | 10.94 | 284  | 184588   | 45.654 | nq #  | 84       |
| 68) Atrazine                   | 11.03 | 200  | 178917   | 50.606 | nq    | 98       |
| 69) Pentachlorophenol          | 11.14 | 266  | 163424   | 65.335 | nq    | 98       |
| 70) Phenanthrene               | 11.36 | 178  | 823639   | 43.781 | nq    | 99       |
| 71) Anthracene                 | 11.41 | 178  | 846048   | 44.242 | nq    | 99       |
| 72) Carbazole                  | 11.57 | 167  | 759153   | 40.625 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.89 | 149  | 1031639  | 45.194 | nq    | 99       |
| 74) Fluoranthene               | 12.55 | 202  | 757540   | 38.541 | nq    | 96       |
| 76) Benzidine                  | 12.67 | 184  | 418484   | 58.961 | nq    | 97       |
| 77) Pyrene                     | 12.78 | 202  | 755104   | 42.873 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.40 | 149  | 369341   | 44.513 | nq    | 94       |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 666433   | 46.948 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 216189   | 40.847 | nq    | 97       |
| 82) Chrysene                   | 14.01 | 228  | 643628   | 44.143 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 498444   | 46.703 | nq #  | 98       |
| 84) Di-n-octyl phthalate       | 14.57 | 149  | 844298   | 47.345 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.90 | 276  | 583429   | 47.104 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 15.02 | 252  | 668391   | 44.314 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 15.05 | 252  | 632863   | 44.443 | nq    | 98       |
| 89) Benzo(a)pyrene             | 15.38 | 252  | 617682   | 45.769 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.92 | 278  | 497830   | 44.914 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.33 | 276  | 459049   | 42.748 | nq    | 97       |

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





#1

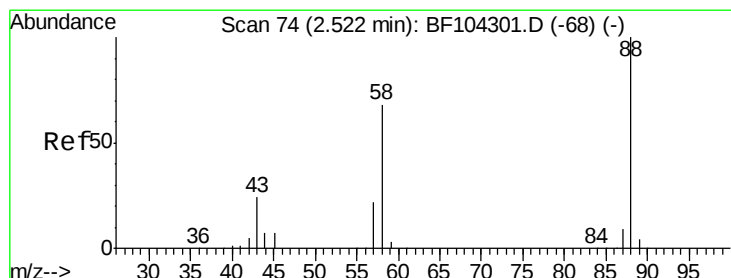
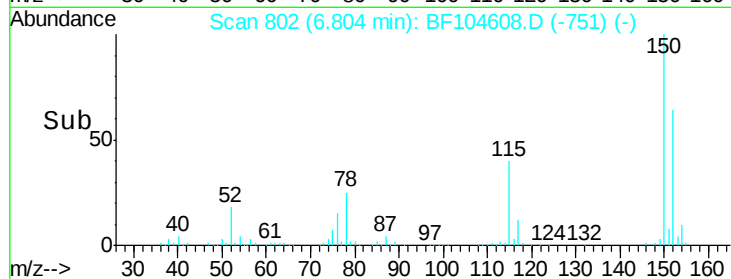
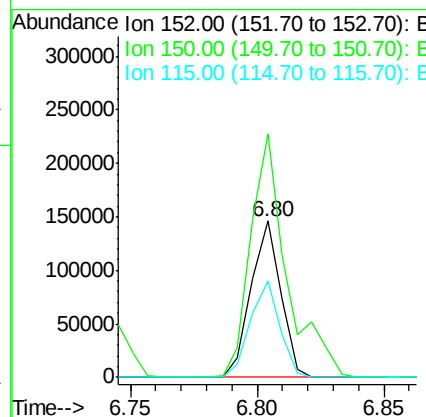
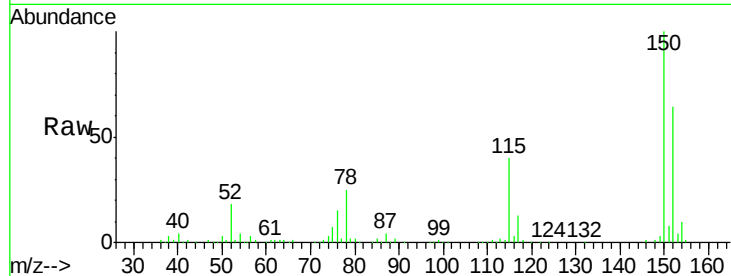
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.1 | 124.6 | 186.8 |
| 115     | 61.8  | 50.1  | 75.1  |

Manual Integrations  
APPROVED

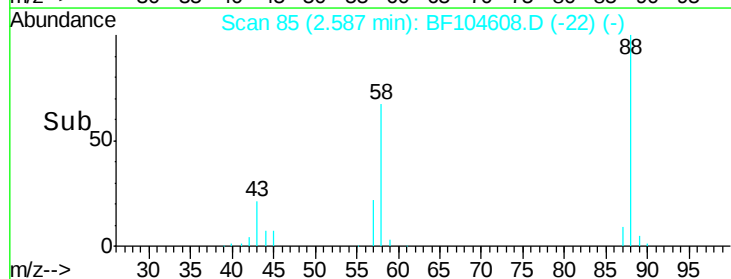
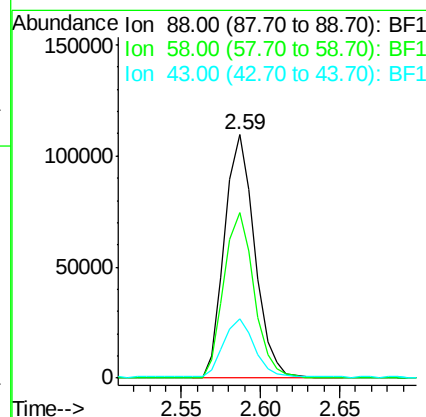
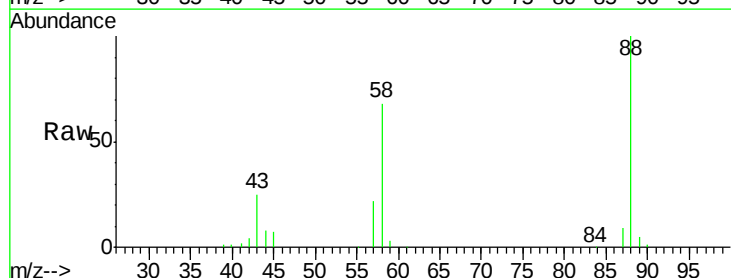
Sohil  
4/19/2018 12:43:17 PM

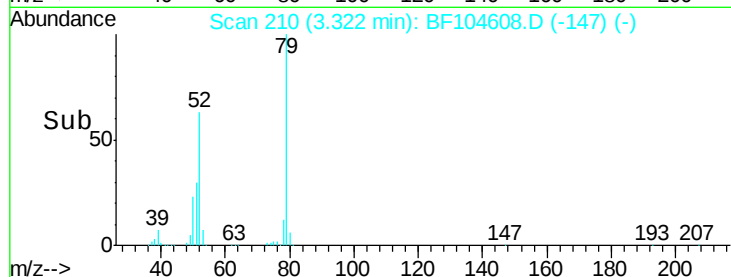
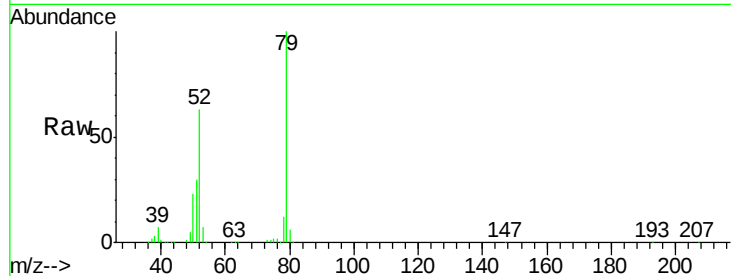
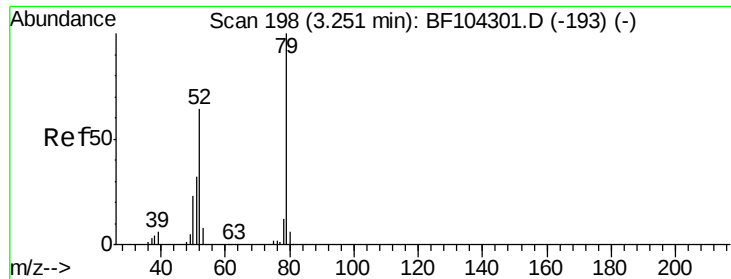


#2

1,4-Dioxane  
Concen: 39.912 ng  
RT: 2.59 min Scan# 85  
Delta R.T. 0.07 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 68.3  | 62.6  | 93.8  |
| 43      | 24.7  | 24.6  | 37.0  |





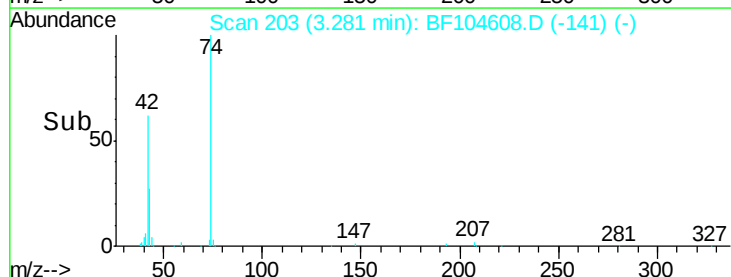
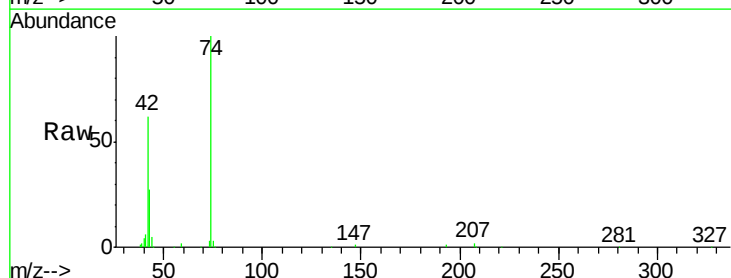
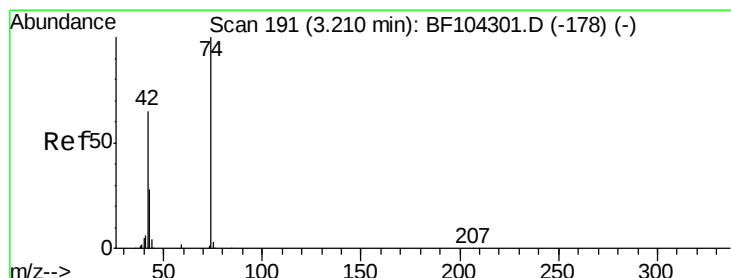
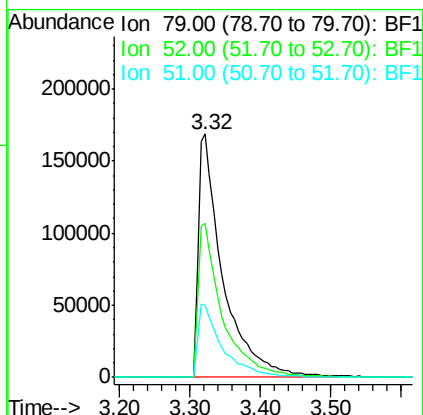
#3  
Pvridine  
Concen: 40.245 ng  
RT: 3.32 min Scan# 210  
Delta R.T. 0.07 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 79      | 100  |       | 412121 |       |       |
| 52      | 63.1 | 59.8  | 89.6   |       |       |
| 51      | 29.9 | 29.8  | 44.8   |       |       |

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

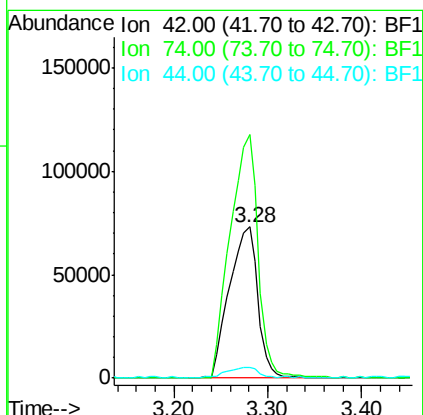
Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



#4  
n-Nitrosodimethylamine  
Concen: 43.265 ng  
RT: 3.28 min Scan# 203  
Delta R.T. 0.06 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 42      | 100   |       | 154871 |       |       |
| 74      | 161.2 | 104.9 | 157.3# |       |       |
| 44      | 7.5   | 6.9   | 10.3   |       |       |





#5

2-Fluorophenol

Concen: 121.274 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

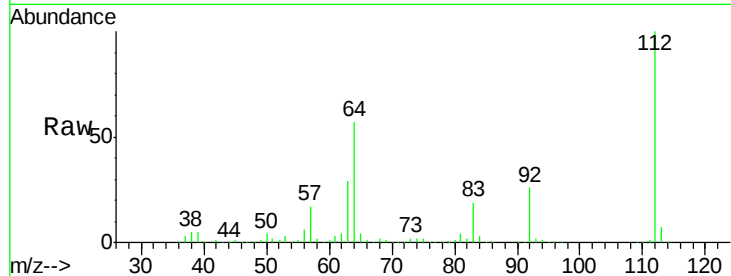
ClientSampleId :

PB108327BS

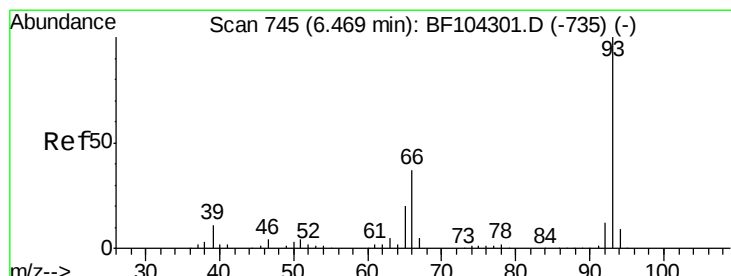
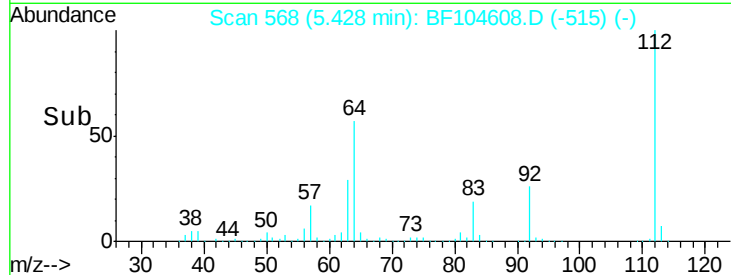
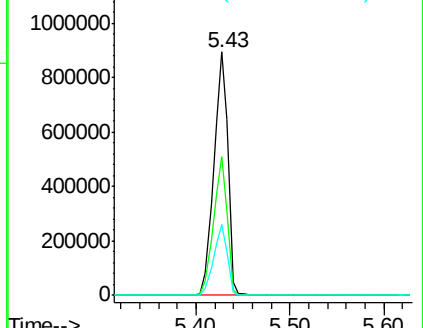
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 947945 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 56.8  | 47.9  | 71.9   |
| 63        | 29.0  | 23.7  | 35.5   |

Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.762 ng

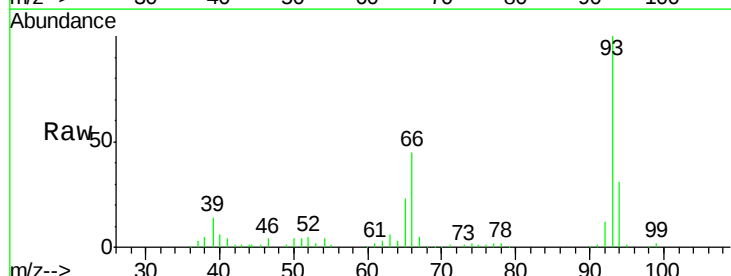
RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

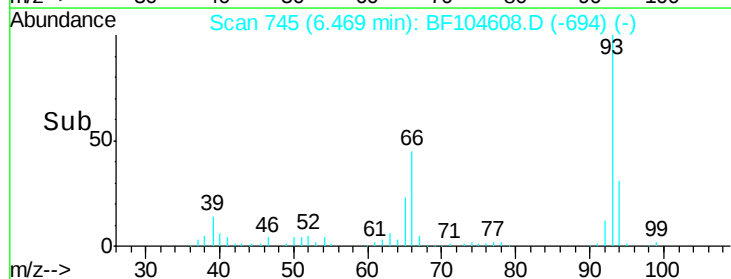
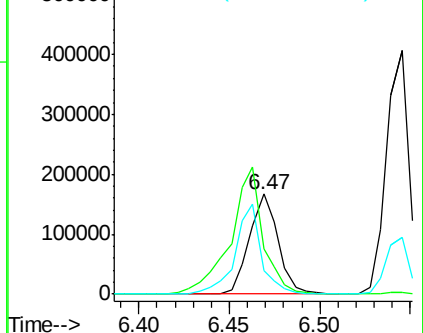
Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 183630 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 45.4  | 32.2  | 48.2   |
| 65        | 23.3  | 16.4  | 24.6   |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.230 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

ClientSampleId :

PB108327BS

Tot Ion: 99 Resp: 1164300

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

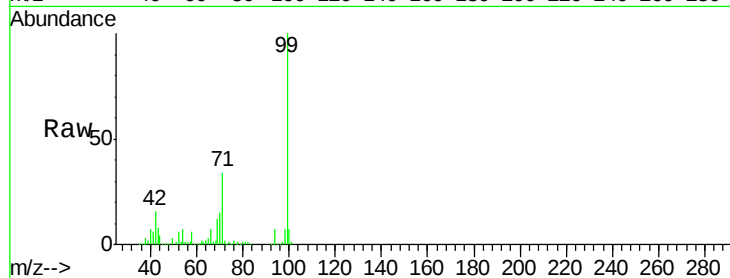
71 33.8 25.4 38.0

Manual Integrations

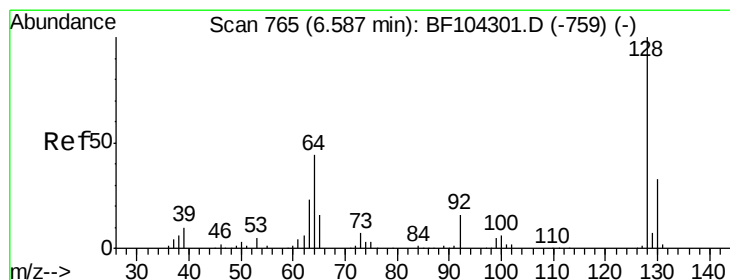
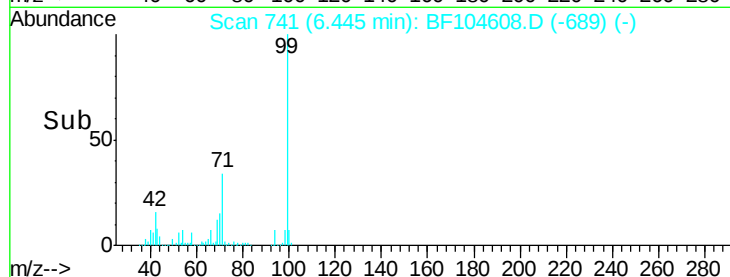
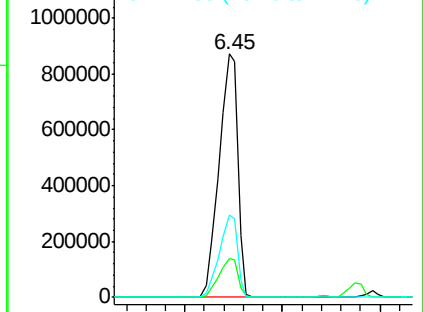
APPROVED

Sohil

4/19/2018 12:43:17 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.101 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

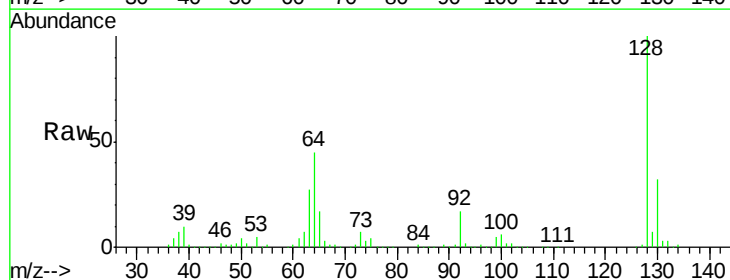
Tgt Ion: 128 Resp: 363841

Ion Ratio Lower Upper

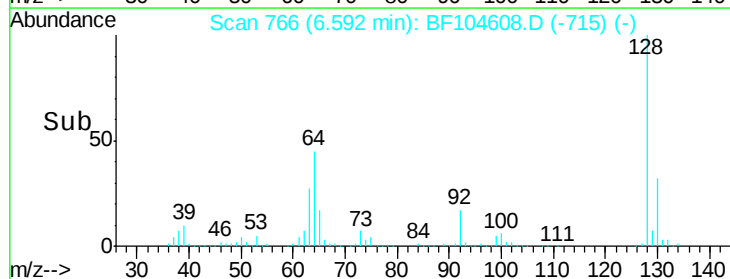
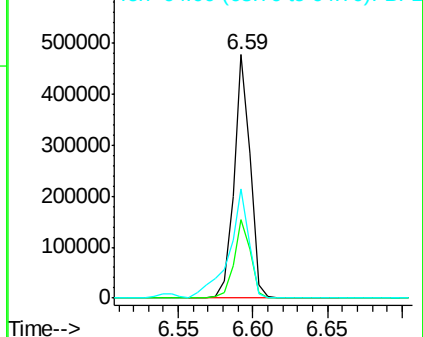
128 100

130 32.1 13.0 53.0

64 44.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 53.752 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

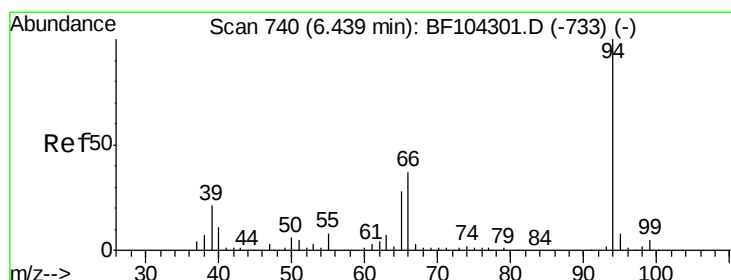
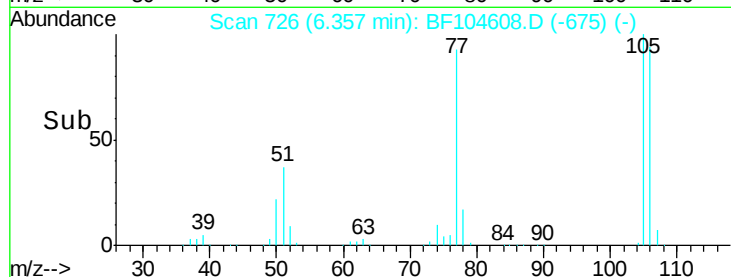
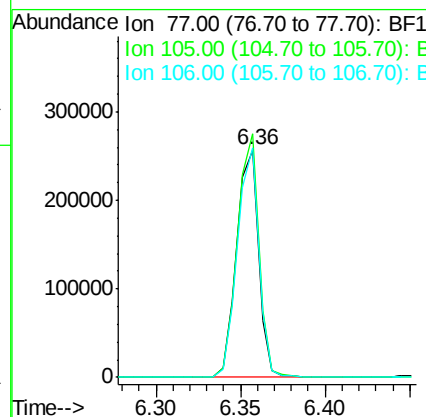
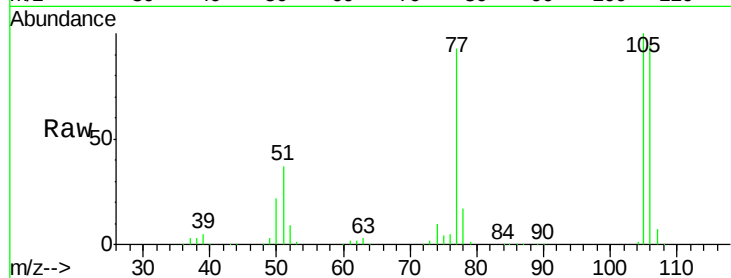
ClientSampleId :

PB108327BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 232506 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 107.1 | 81.1  | 121.1  |
| 106       | 101.0 | 74.5  | 114.5  |

Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



#10

Phenol

Concen: 42.396 ng

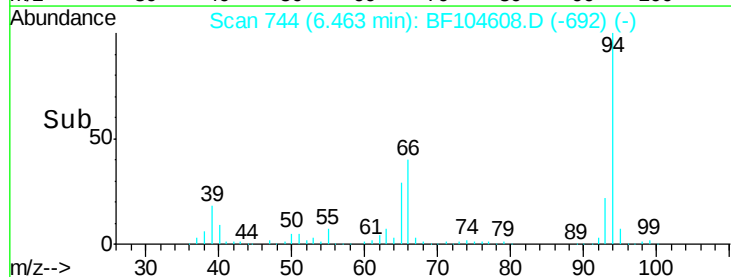
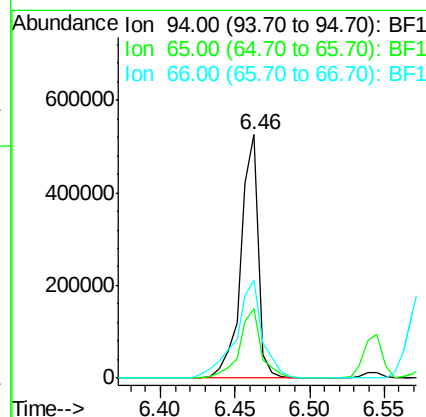
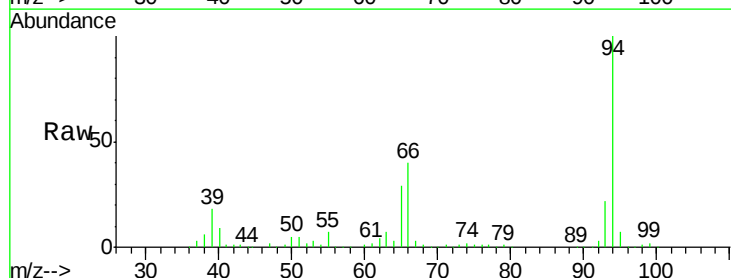
RT: 6.46 min Scan# 744

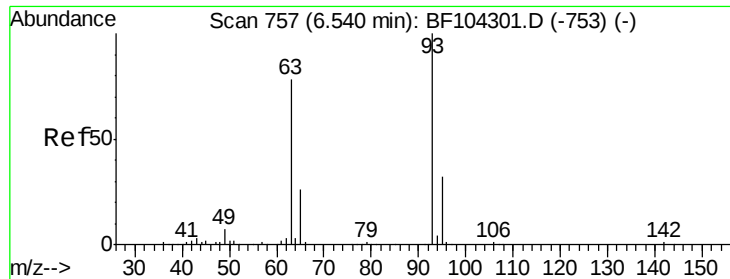
Delta R.T. 0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 432028 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 28.6  | 7.9   | 47.9   |
| 66        | 40.3  | 16.2  | 56.2   |





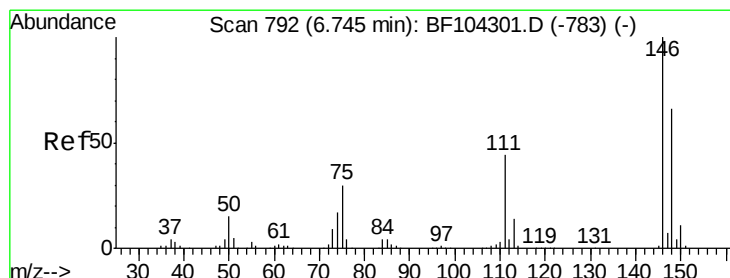
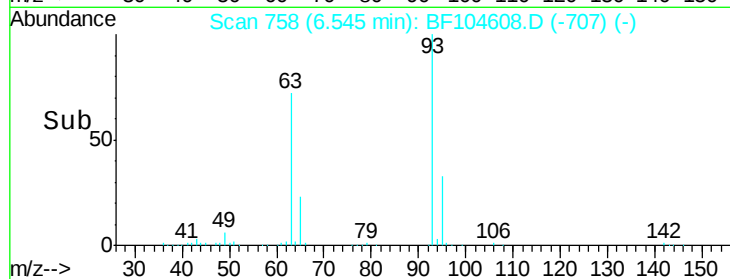
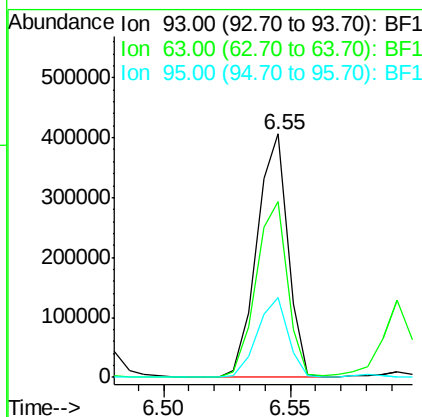
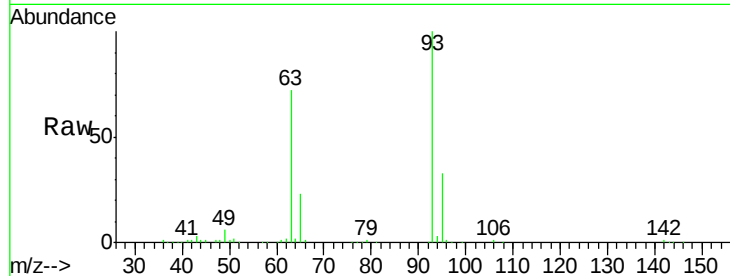
#11  
bis(2-Chloroethyl)ether  
Concen: 42.563 ng  
RT: 6.55 min Scan# 758  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 346115 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 72.0  | 58.6  | 98.6   |
| 95       | 32.9  | 11.8  | 51.8   |

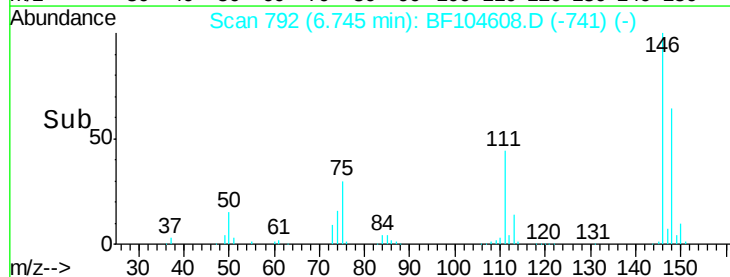
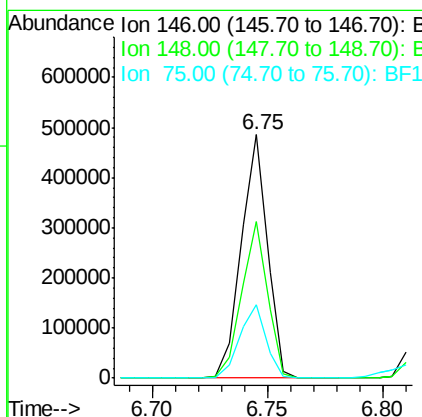
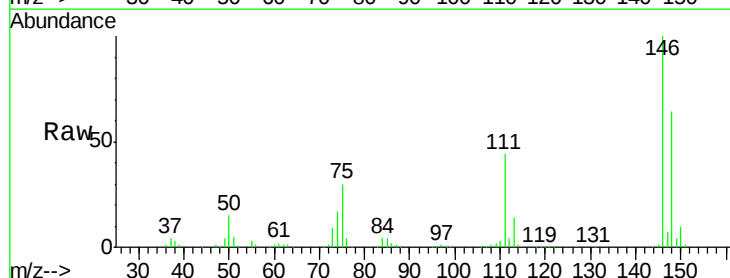
Manual Integrations  
APPROVED

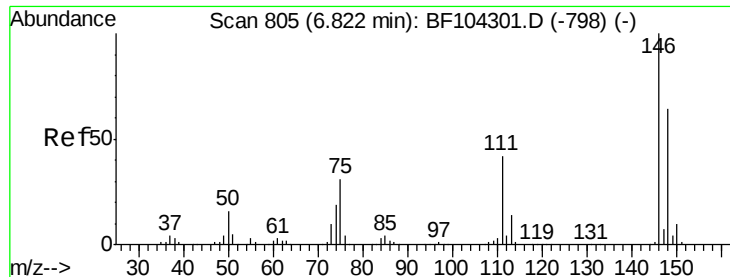
Sohil  
4/19/2018 12:43:17 PM



#12  
1,3-Dichlorobenzene  
Concen: 41.283 ng  
RT: 6.75 min Scan# 792  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 385856 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.4  | 51.8  | 77.8   |
| 75       | 30.0  | 24.2  | 36.4   |





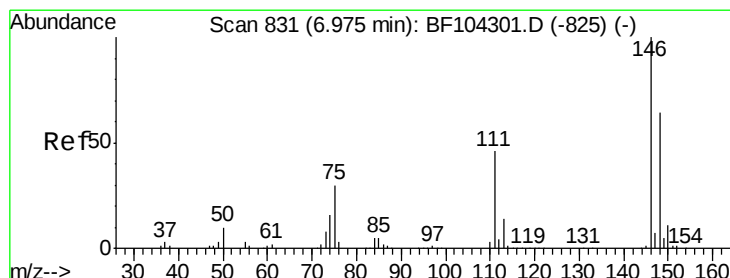
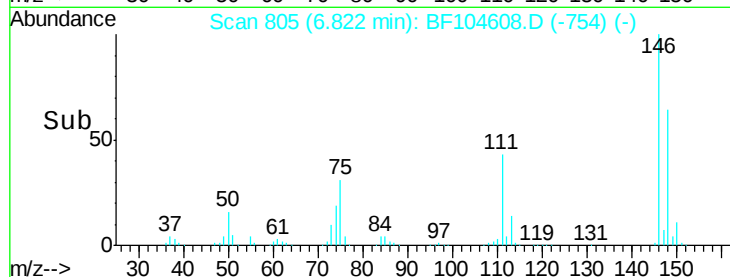
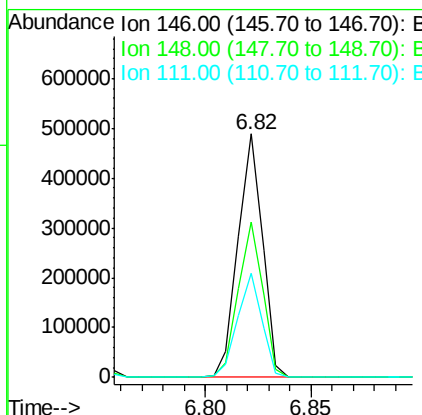
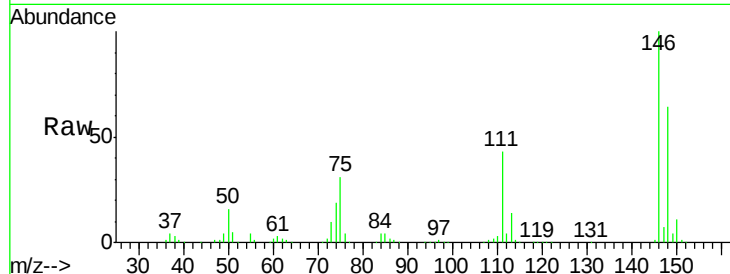
#13  
 1,4-Dichlorobenzene  
 Concen: 41.979 ng  
 RT: 6.82 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108327BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 391118 |       |       |
| 148     | 63.9 | 50.8  | 76.2   |       |       |
| 111     | 42.9 | 34.2  | 51.2   |       |       |

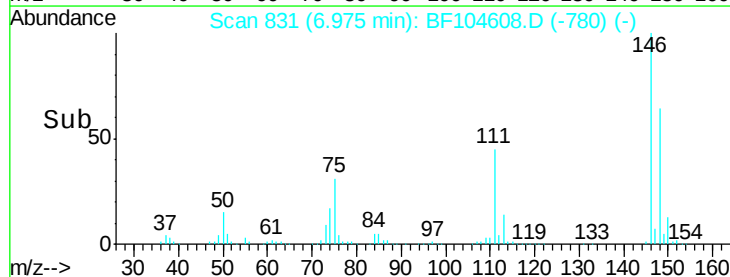
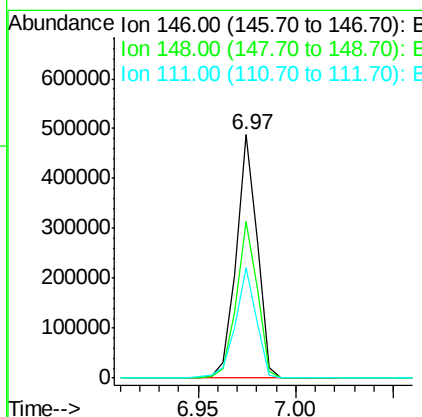
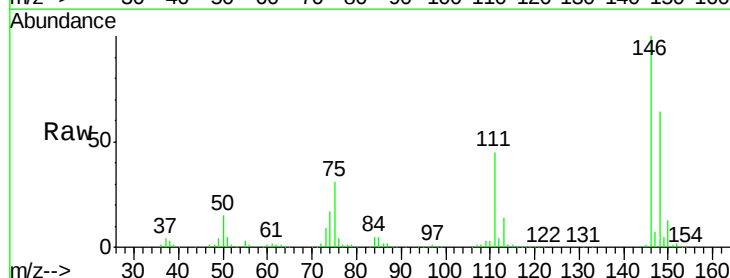
Manual Integrations  
 APPROVED

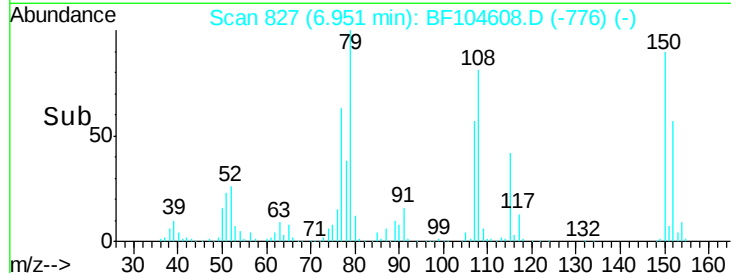
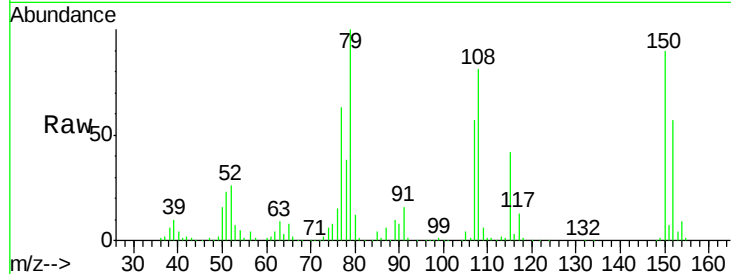
Sohil  
 4/19/2018 12:43:17 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 41.878 ng  
 RT: 6.97 min Scan# 831  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 361575 |       |       |
| 148     | 64.3 | 50.6  | 75.8   |       |       |
| 111     | 45.3 | 36.0  | 54.0   |       |       |





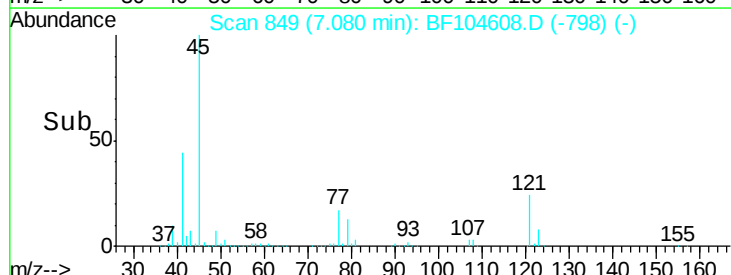
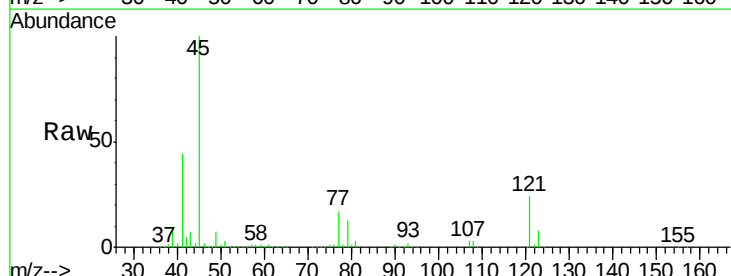
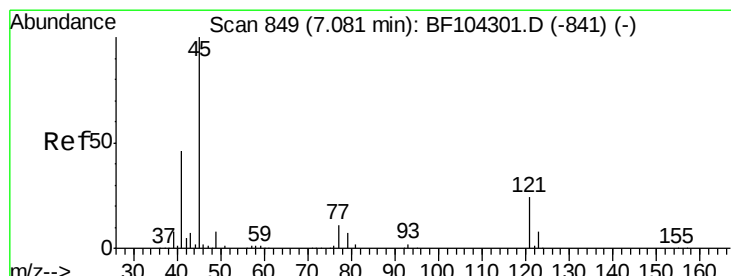
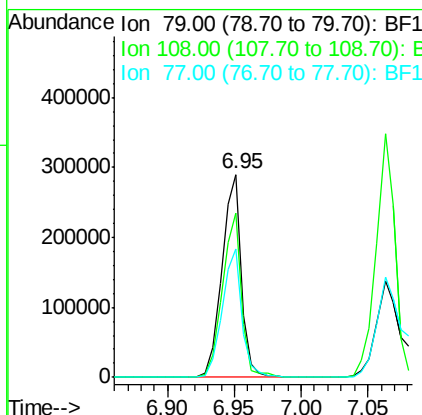
#15  
Benzyl Alcohol  
Concen: 40.909 ng  
RT: 6.95 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 298414 |       |       |
| 108     | 80.7  | 65.1   | 97.7  |       |
| 77      | 63.3  | 50.6   | 75.8  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

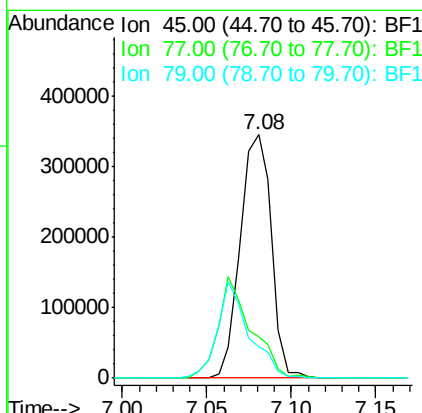
Manual Integrations  
APPROVED

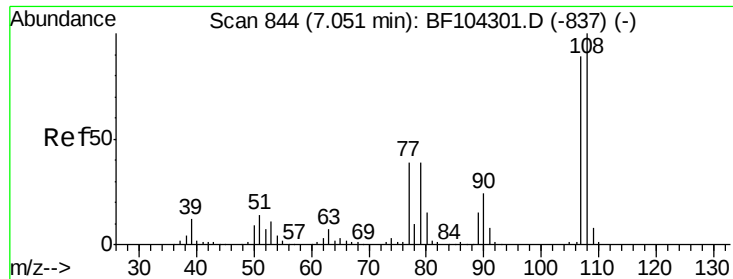
Sohil  
4/19/2018 12:43:17 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.650 ng  
RT: 7.08 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 443927 |       |       |
| 77      | 17.0  | 0.0    | 32.9  |       |
| 79      | 13.0  | 0.0    | 29.6  |       |





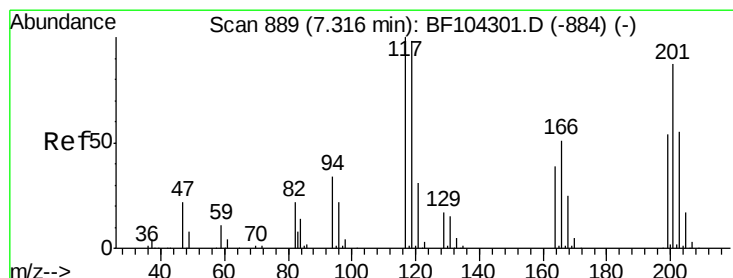
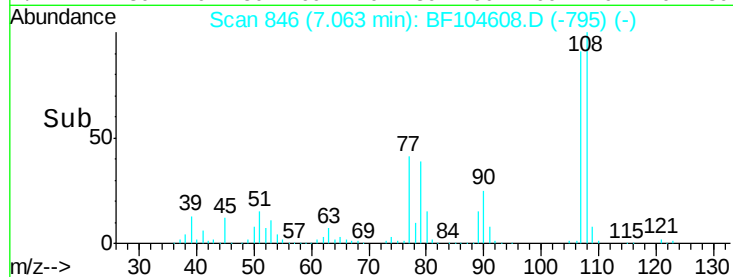
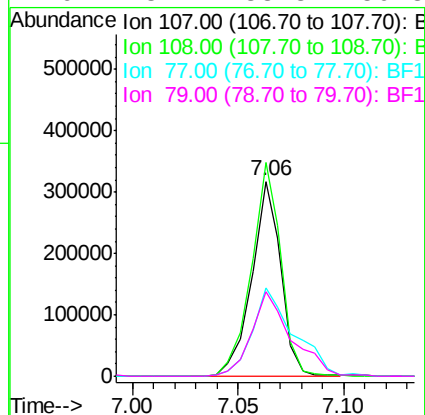
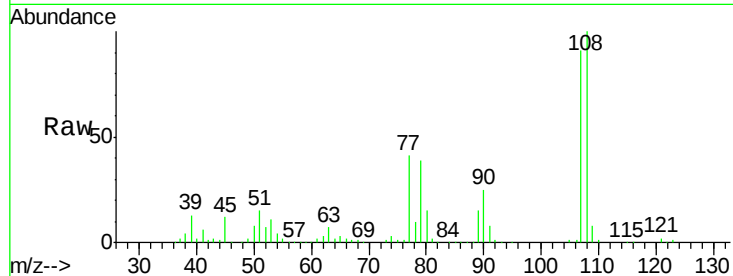
#17  
2-Methylphenol  
Concen: 42.276 ng  
RT: 7.06 min Scan# 846  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampled :  
PB108327BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 109.7 | 91.7 | 137.5 |       |
| 77      | 45.3  | 33.8 | 50.8  |       |
| 79      | 43.2  | 33.8 | 50.8  |       |

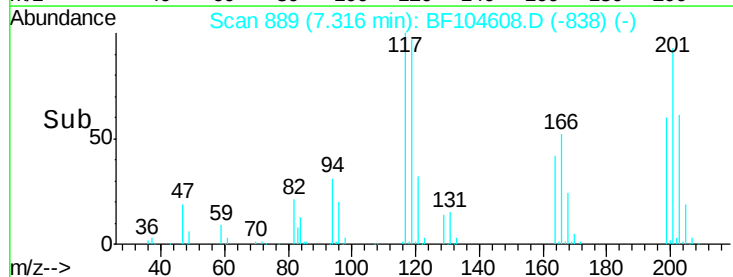
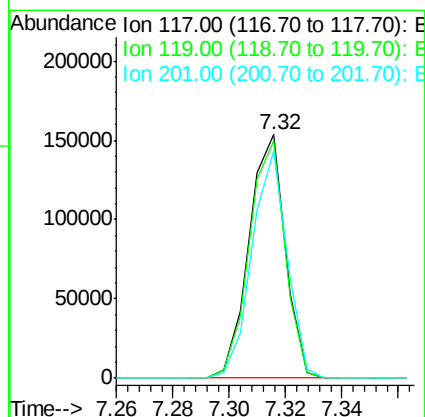
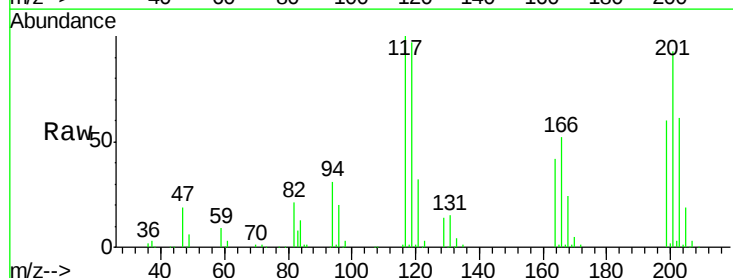
Manual Integrations  
APPROVED

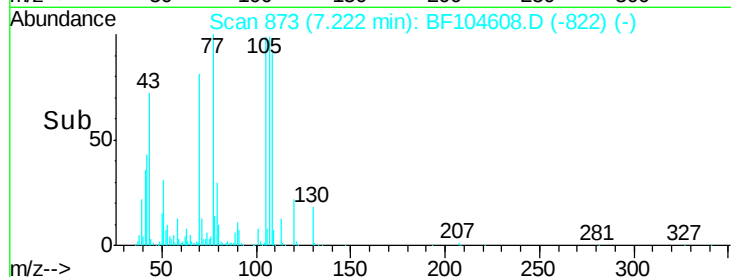
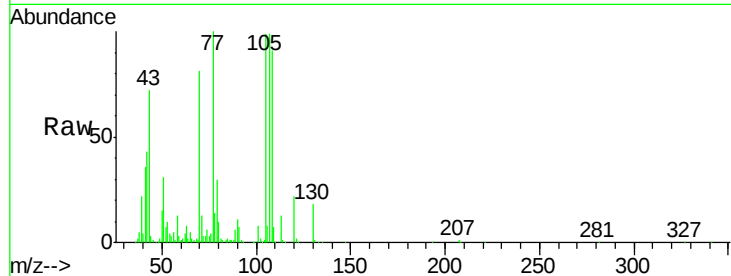
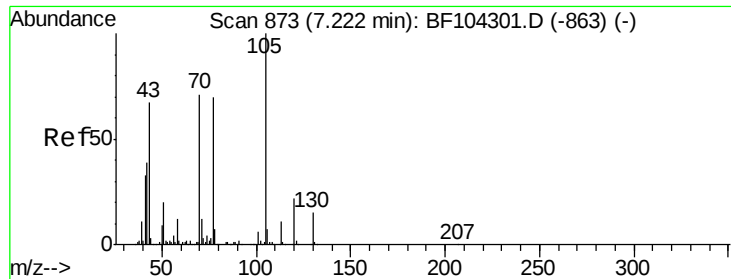
Sohil  
4/19/2018 12:43:17 PM



#18  
Hexachloroethane  
Concen: 41.153 ng  
RT: 7.32 min Scan# 889  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 97.3  | 75.8 | 113.8 |       |
| 201     | 93.1  | 75.7 | 113.5 |       |





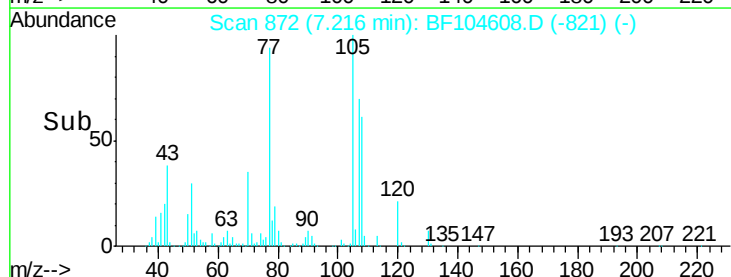
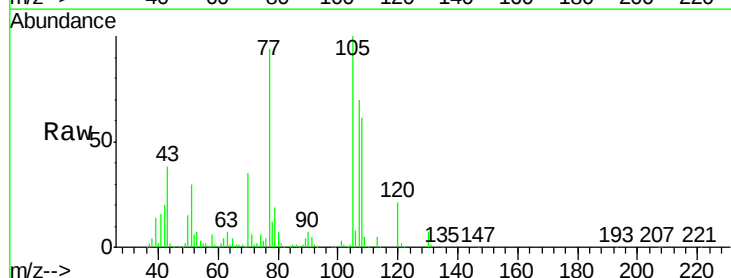
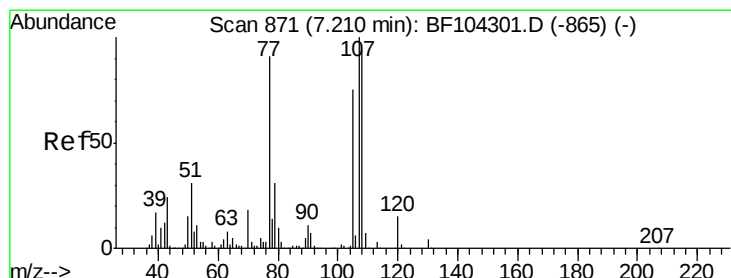
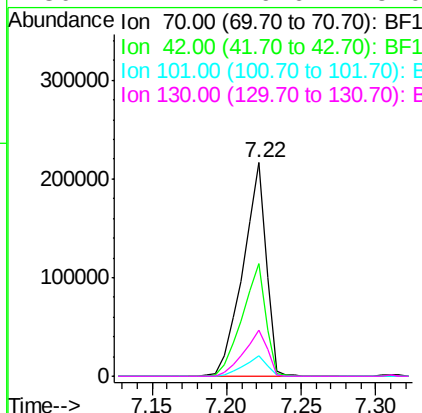
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.228 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 52.9  | 47.5  | 71.3  |
| 101     | 9.3   | 7.4   | 11.2  |
| 130     | 21.7  | 16.6  | 25.0  |

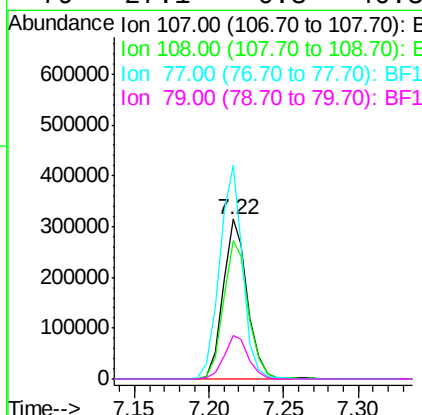
Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



#20  
3+4-Methylphenols  
Concen: 40.161 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.2  | 68.2  | 108.2 |
| 77      | 133.7 | 26.7  | 66.7# |
| 79      | 27.1  | 6.3   | 46.3  |





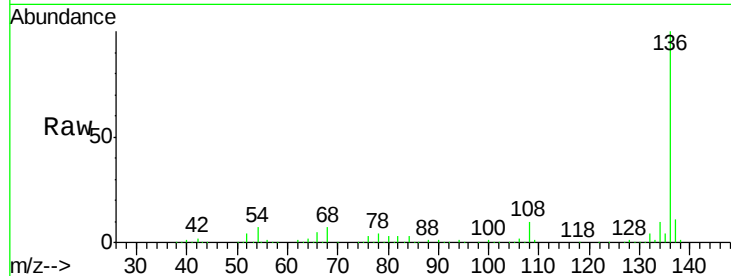
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.09 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

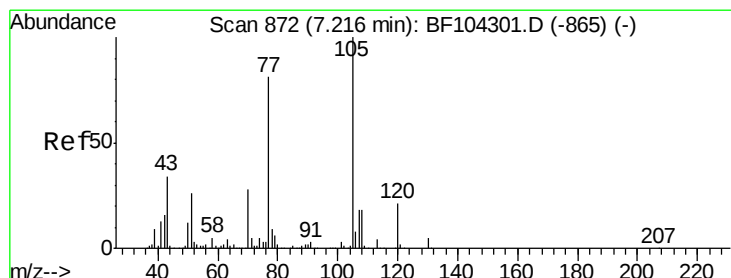
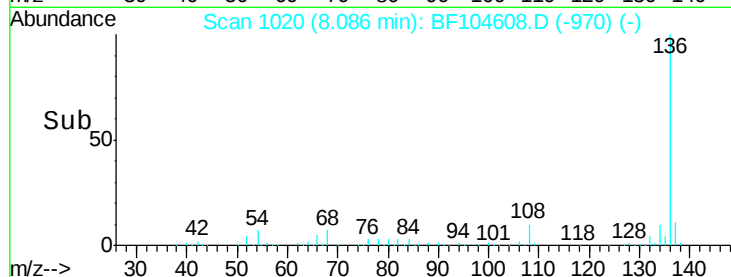
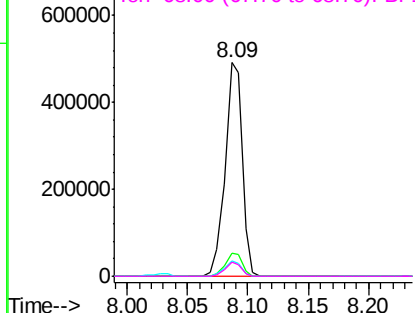
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 482421 |       |       |
| 137     | 11.0 | 8.9   | 13.3   |       |       |
| 54      | 7.2  | 6.6   | 9.8    |       |       |
| 68      | 6.7  | 5.0   | 7.4    |       |       |

Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



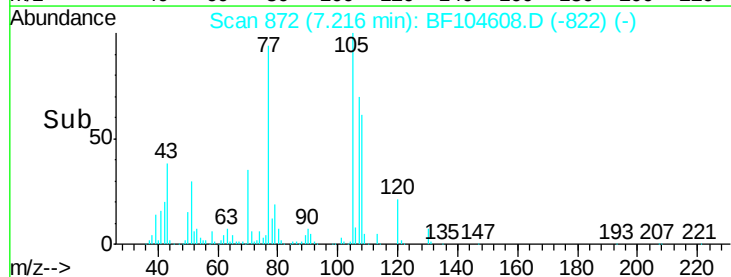
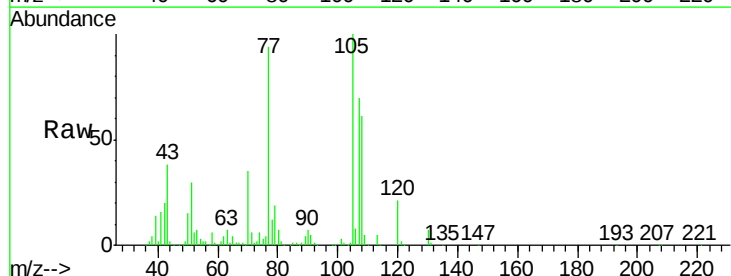
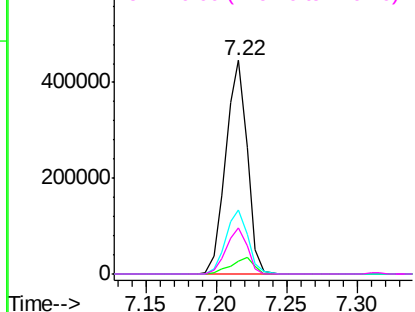
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

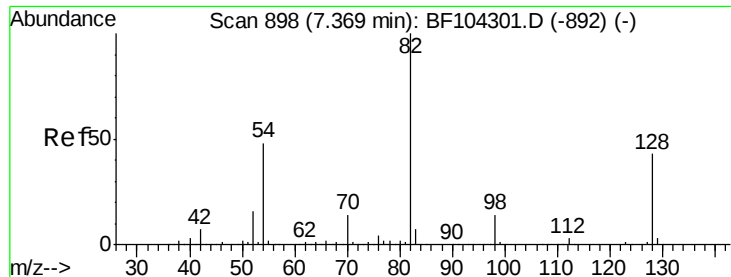


#22  
Acetophenone  
Concen: 39.736 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 471942 |       |       |
| 71      | 6.0  | 4.4   | 6.6    |       |       |
| 51      | 30.0 | 22.3  | 33.5   |       |       |
| 120     | 21.3 | 16.9  | 25.3   |       |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E





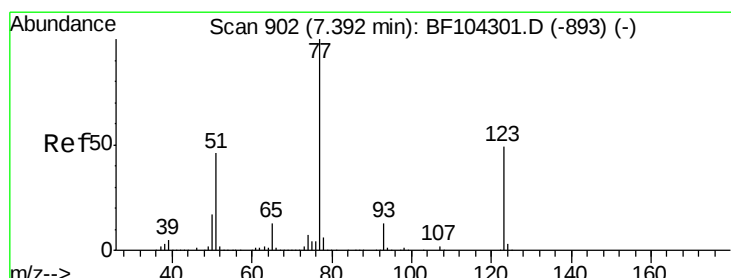
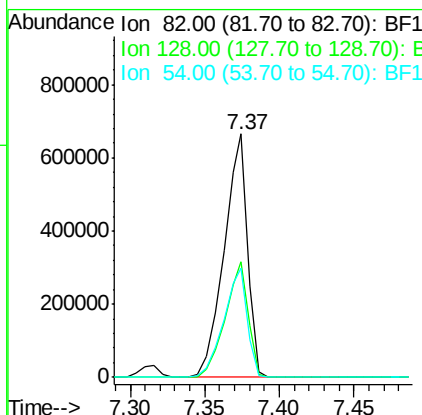
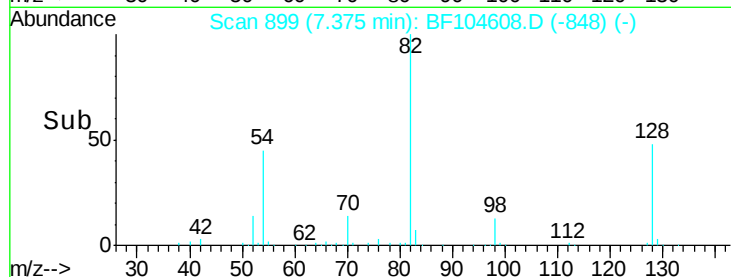
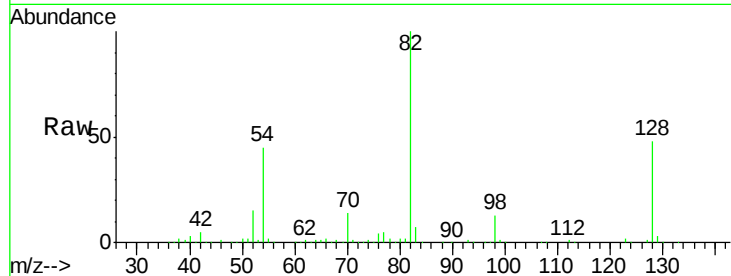
#23  
Nitrobenzene-d5  
Concen: 99.531 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.6  | 36.1  | 54.1  |
| 54      | 44.8  | 41.4  | 62.2  |

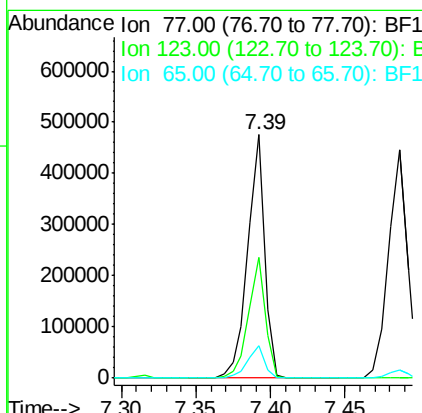
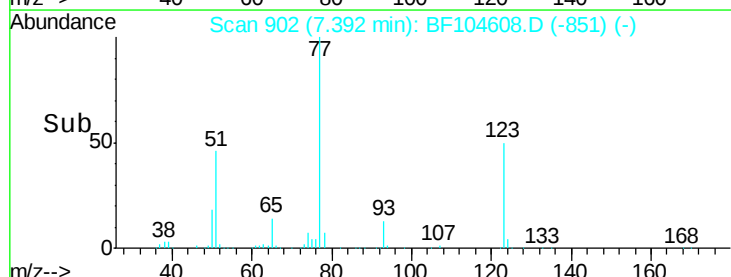
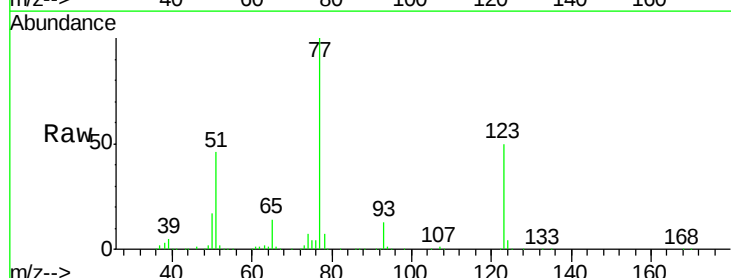
Manual Integrations  
APPROVED

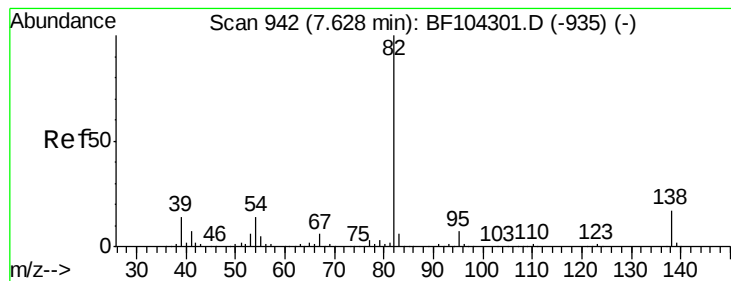
Sohil  
4/19/2018 12:43:17 PM



#24  
Nitrobenzene  
Concen: 45.983 ng  
RT: 7.39 min Scan# 902  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.7  | 37.9  | 56.9  |
| 65      | 13.5  | 11.0  | 16.4  |





#25

Isophorone

Concen: 43.576 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

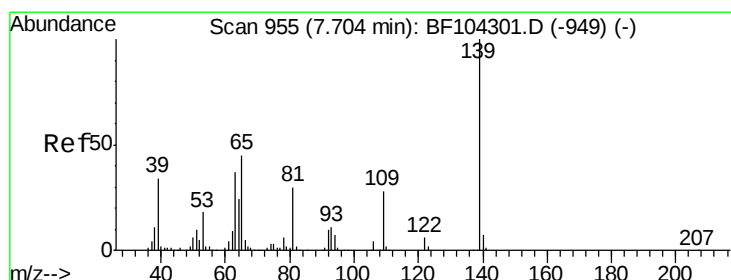
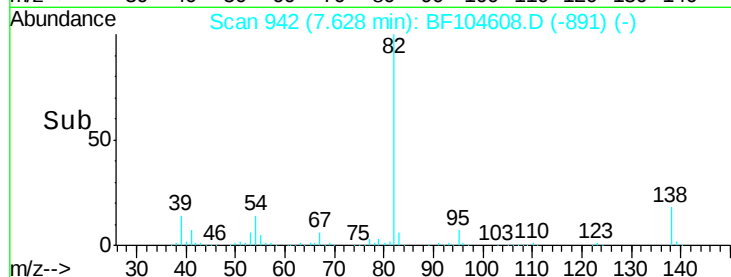
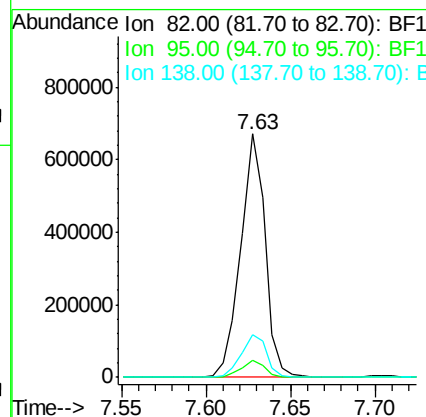
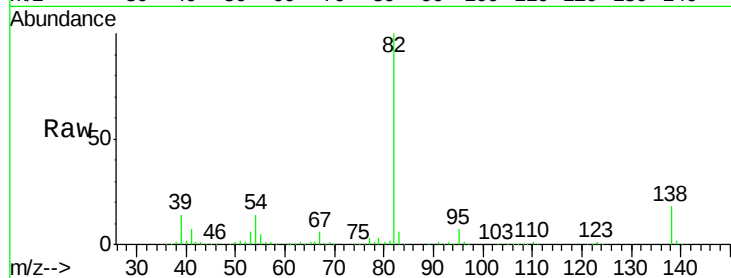
ClientSampleId :

PB108327BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 680787 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.0   | 5.2   | 7.8    |
| 138       | 17.6  | 14.9  | 22.3   |

Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



#26

2-Nitrophenol

Concen: 58.538 ng

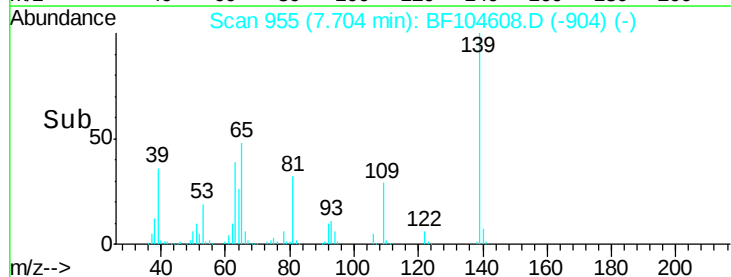
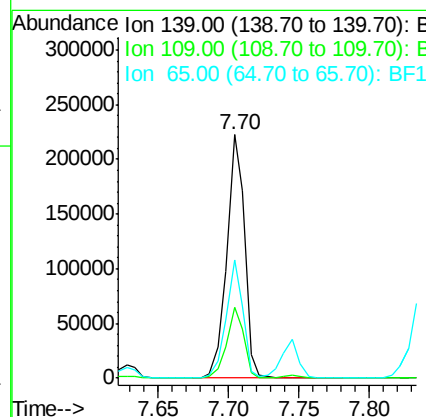
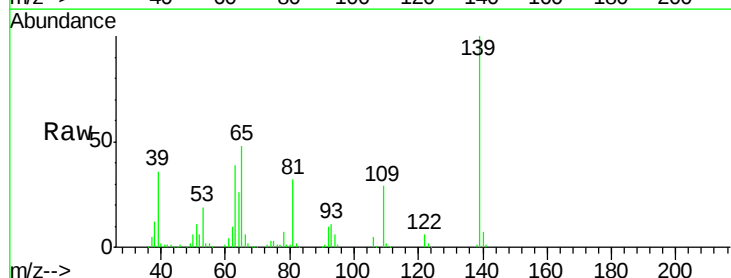
RT: 7.70 min Scan# 955

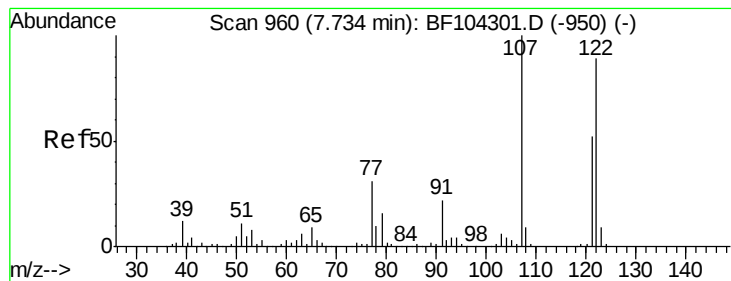
Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 194386 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 29.1  | 22.7  | 34.1   |
| 65        | 48.3  | 40.5  | 60.7   |





#27

2,4-Dimethylphenol

Concen: 46.285 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

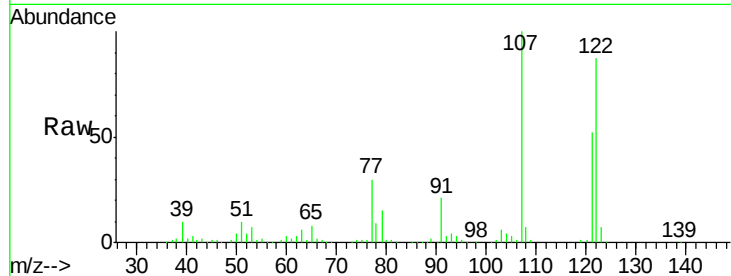
ClientSampled :

PB108327BS

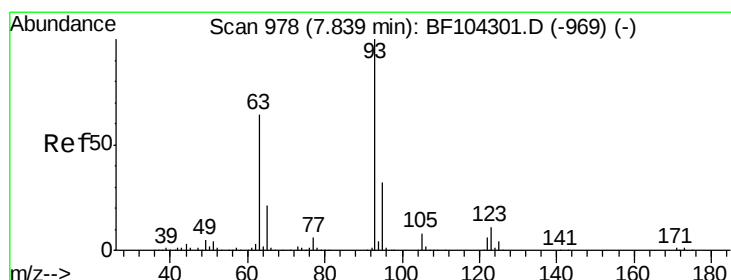
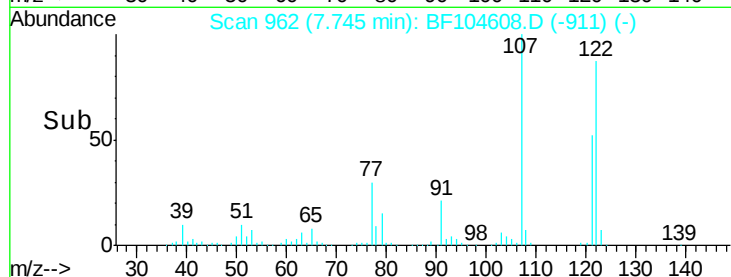
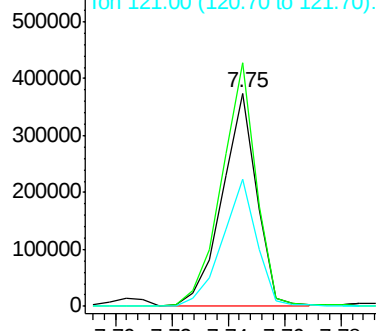
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 319134 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 114.3 | 91.2  | 136.8  |
| 121       | 59.4  | 47.2  | 70.8   |

Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



Abundance Ion 122.00 (121.70 to 122.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.367 ng

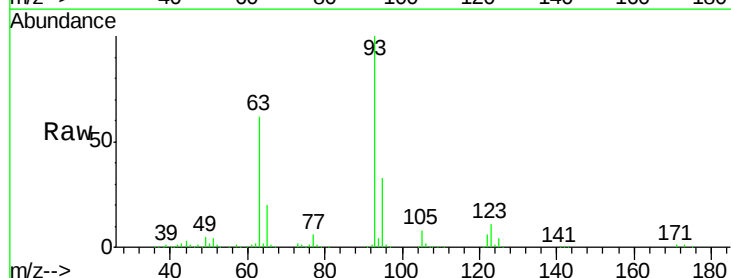
RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

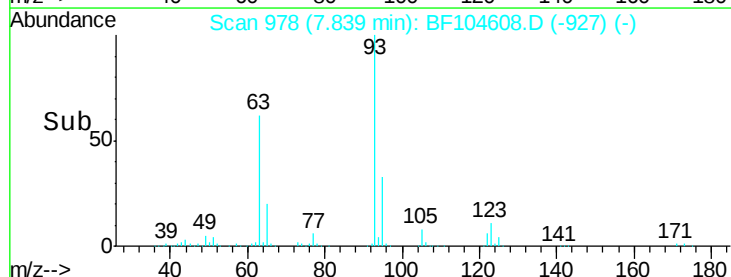
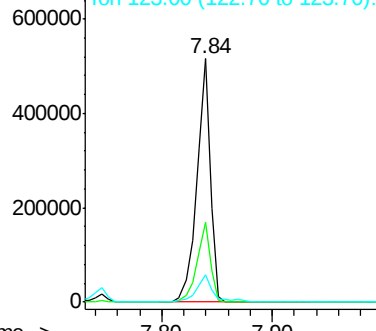
Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 442901 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.9  | 26.3  | 39.5   |
| 123       | 11.3  | 9.8   | 14.6   |



Abundance Ion 93.00 (92.70 to 93.70): BF1





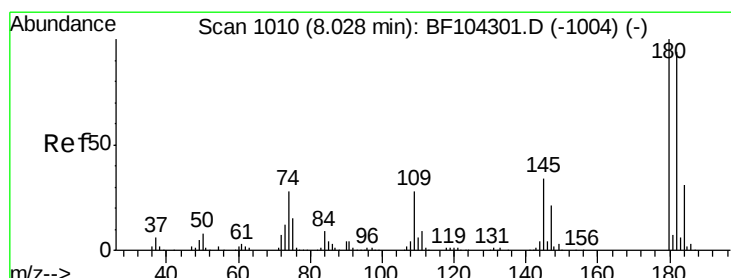
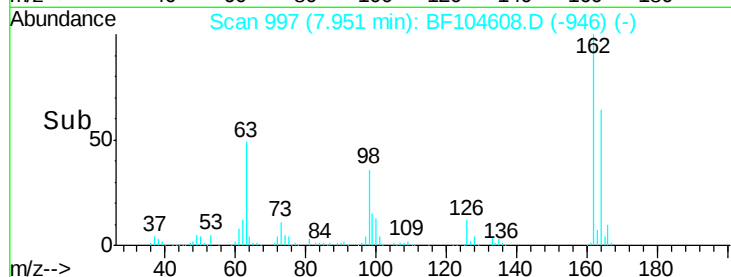
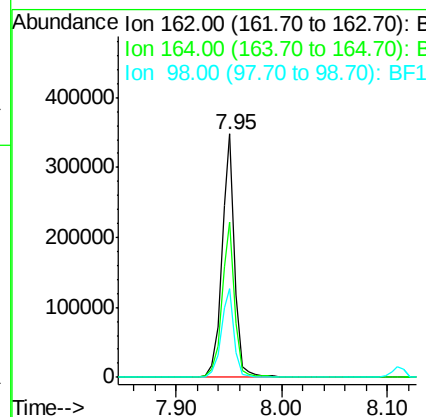
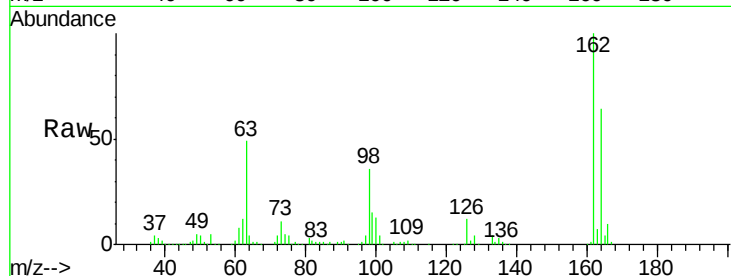
#29  
2,4-Dichlorophenol  
Concen: 45.211 ng  
RT: 7.95 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 297430 |       |       |
| 164     | 63.9  | 42.7   | 82.7  |       |
| 98      | 36.4  | 18.1   | 58.1  |       |

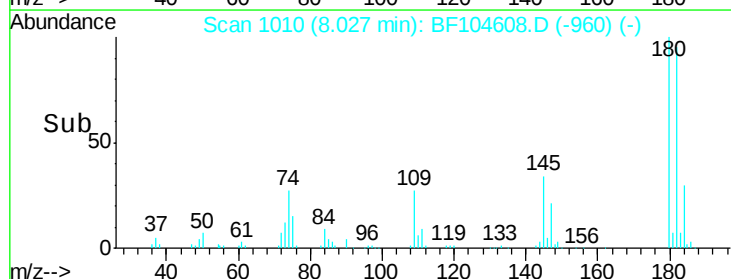
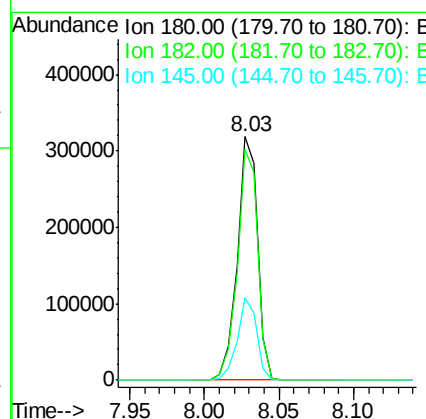
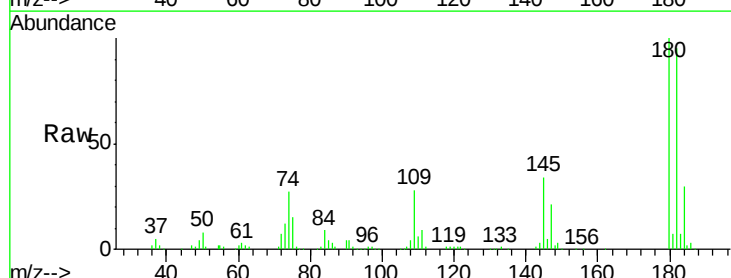
Manual Integrations  
APPROVED

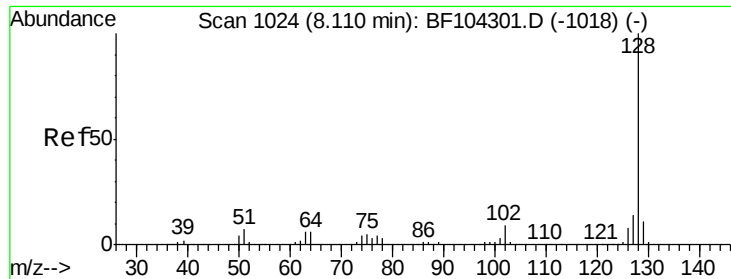
Sohil  
4/19/2018 12:43:17 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 42.332 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 305630 |       |       |
| 182     | 94.6  | 76.8   | 115.2 |       |
| 145     | 33.7  | 26.5   | 39.7  |       |





#31

Naphthalene

Concen: 42.648 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

ClientSampleId :

PB108327BS

Tot Ion:128 Resp: 1024496

Ion Ratio Lower Upper

128 100

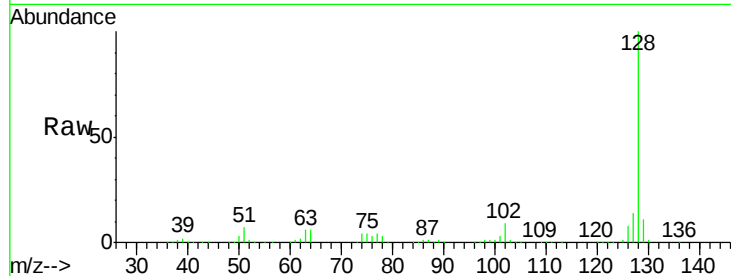
129 11.5 8.8 13.2

127 13.6 10.9 16.3

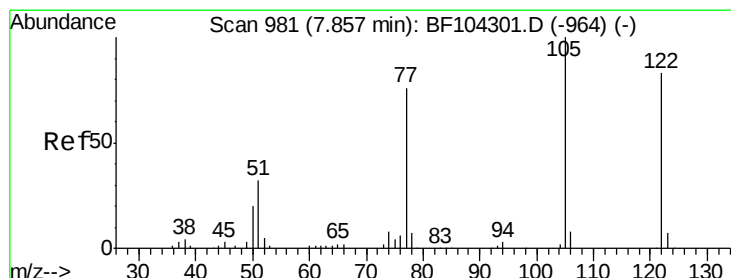
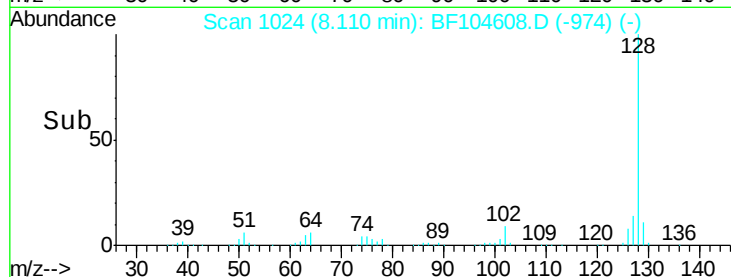
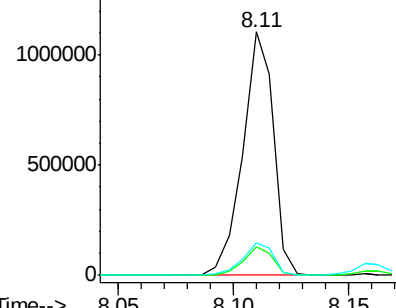
Manual Integrations  
APPROVED

Sohil

4/19/2018 12:43:17 PM



Abundance Ion 128.00 (127.70 to 128.70): E  
1500000 Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.754 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

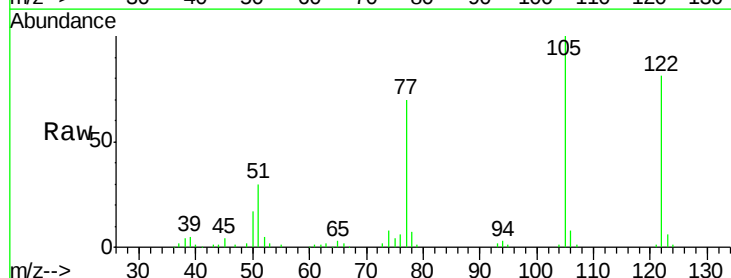
Tgt Ion:122 Resp: 213201

Ion Ratio Lower Upper

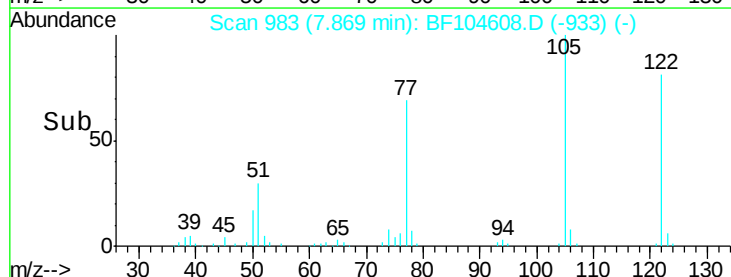
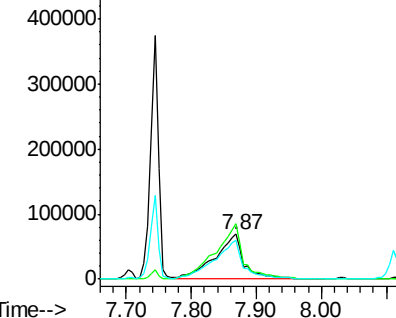
122 100

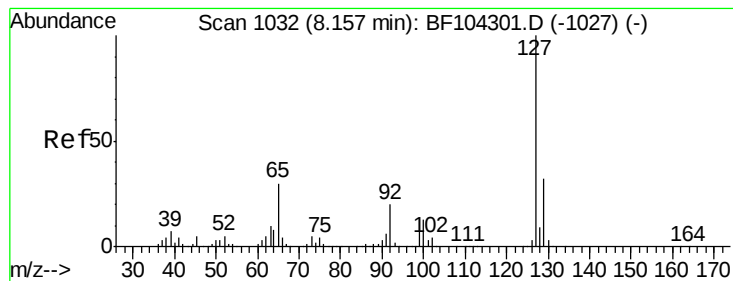
105 123.0 101.1 141.1

77 86.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E  
500000 Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 6.298 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

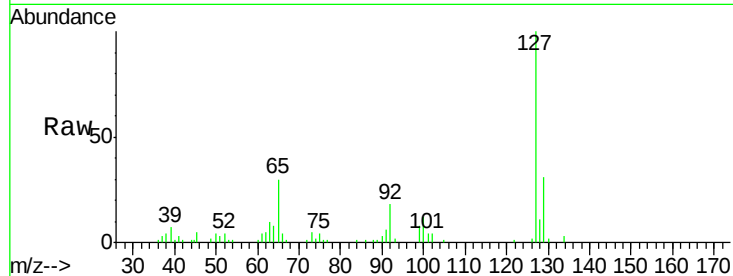
ClientSampleId :

PB108327BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 127   | Resp: | 64818 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.4  | 25.9  | 38.9  |
| 65        | 29.9  | 25.0  | 37.4  |
| 92        | 18.2  | 15.2  | 22.8  |

Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM

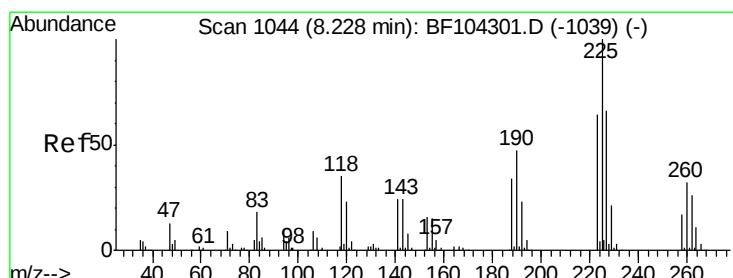
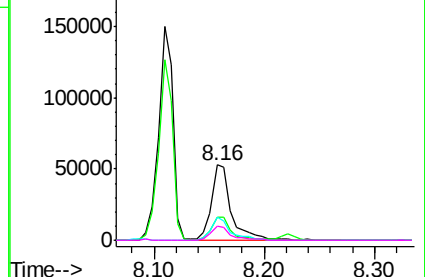
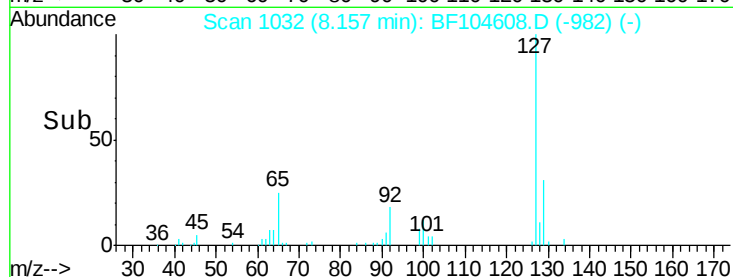


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.026 ng

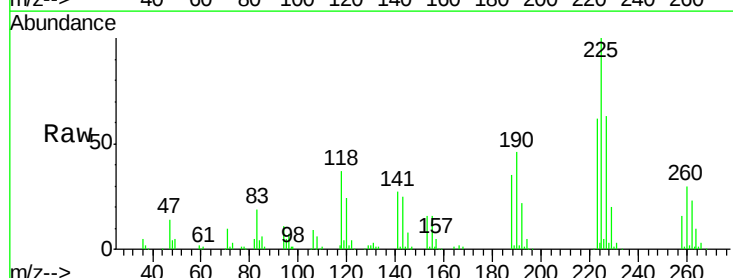
RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

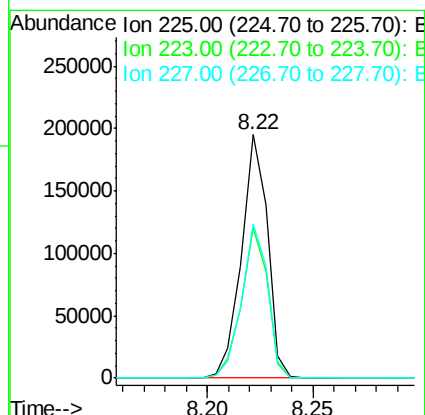
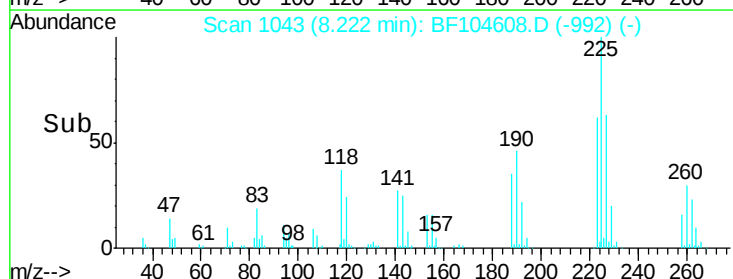
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 166196 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.6  | 50.6  | 76.0   |
| 227       | 63.3  | 51.9  | 77.9   |

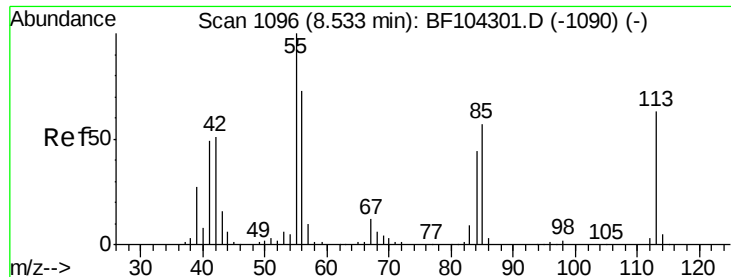


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





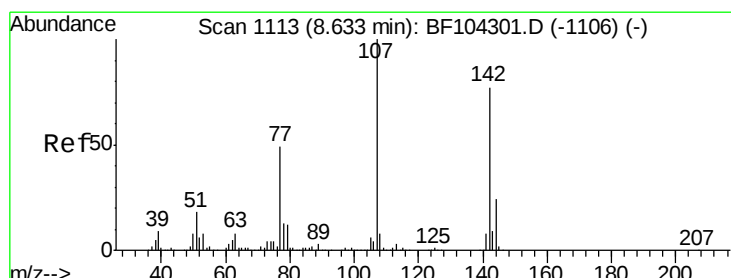
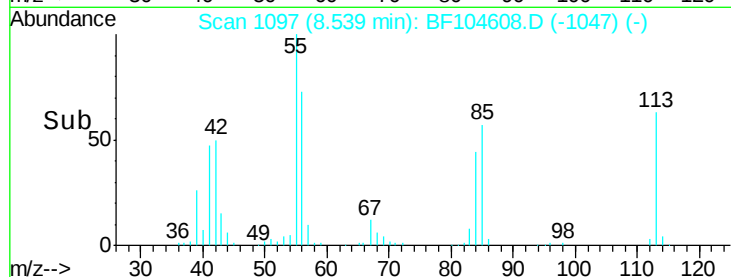
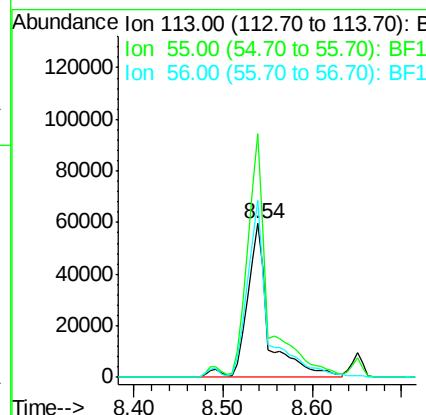
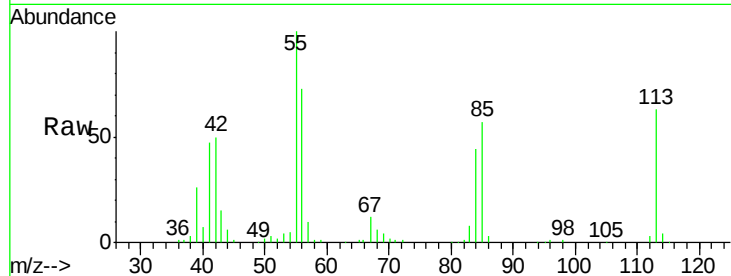
#35  
 Caprolactam  
 Concen: 44.410 ng/ml  
 RT: 8.54 min Scan# 1097  
 Delta R.T. -0.01 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB108327BS

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 113     | 100   |       | 101921 |       |       |
| 55      | 158.3 | 163.3 | 203.3  |       |       |
| 56      | 114.9 | 115.7 | 155.7  |       |       |

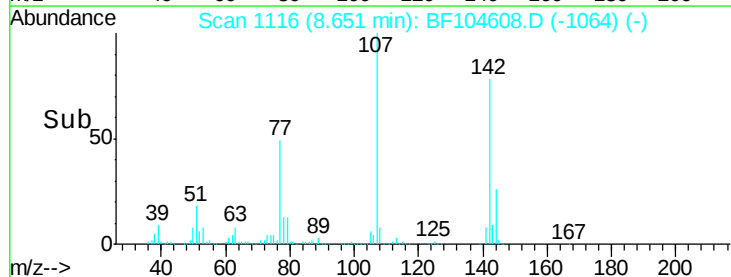
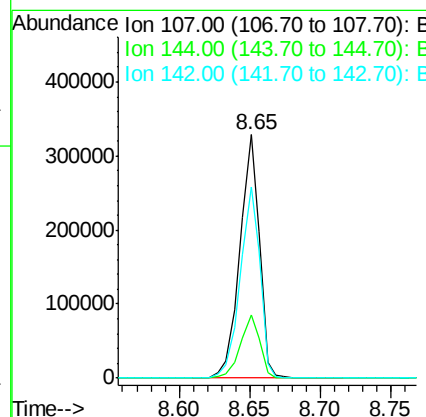
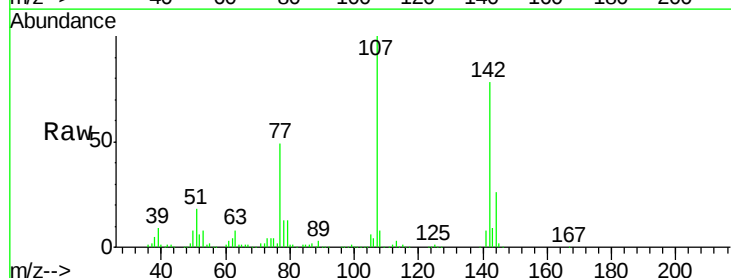
Manual Integrations  
 APPROVED

Sohil  
 4/19/2018 12:43:17 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.001 ng/ml  
 RT: 8.65 min Scan# 1116  
 Delta R.T. 0.01 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 317445 |       |       |
| 144     | 25.7 | 20.5  | 30.7   |       |       |
| 142     | 78.4 | 62.0  | 93.0   |       |       |





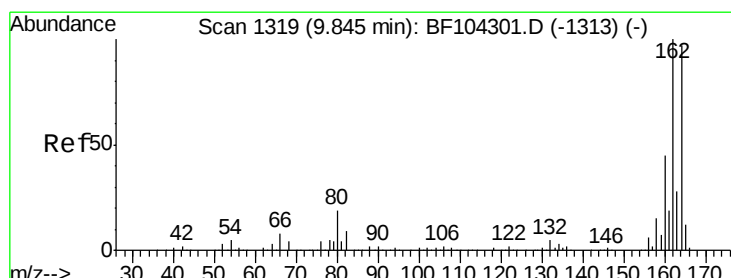
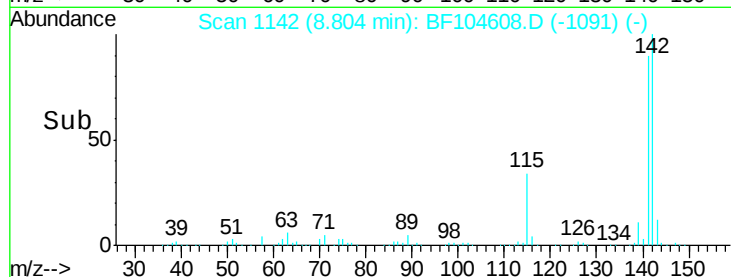
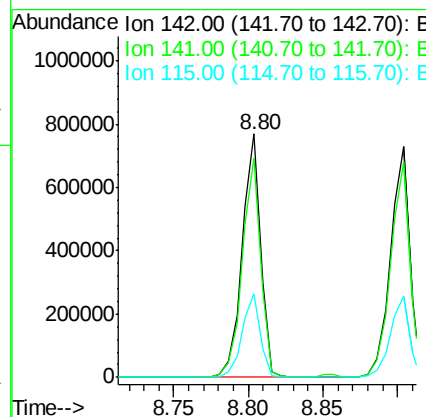
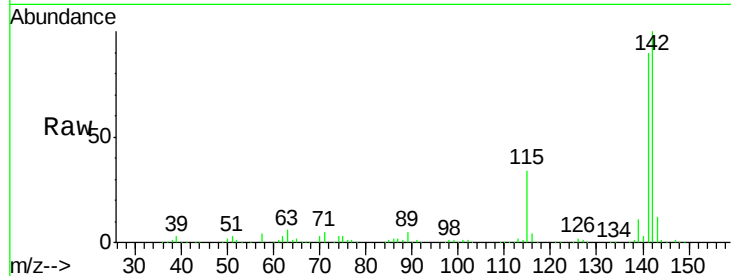
#37  
2-Methylnaphthalene  
Concen: 43.107 ng  
RT: 8.80 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampled :  
PB108327BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.1  | 70.8  | 106.2 |
| 115     | 34.2  | 26.1  | 39.1  |

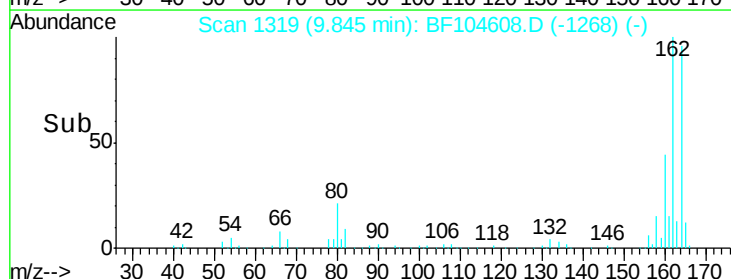
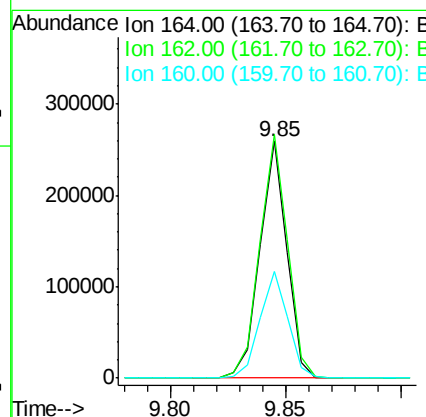
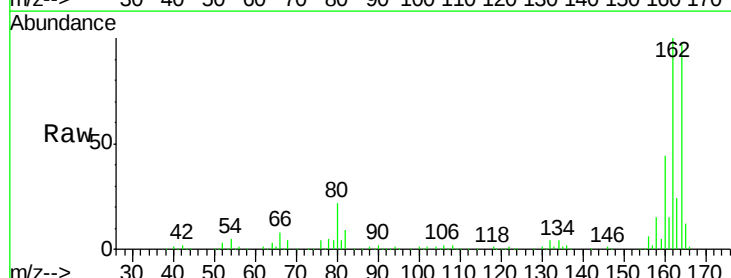
Manual Integrations  
APPROVED

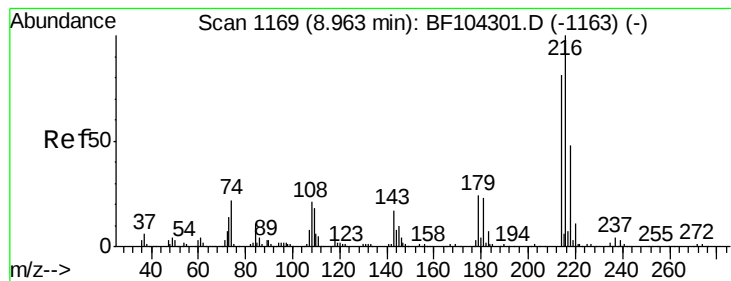
Sohil  
4/19/2018 12:43:17 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.8 | 86.1  | 129.1 |
| 160     | 45.3  | 38.3  | 57.5  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.473 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

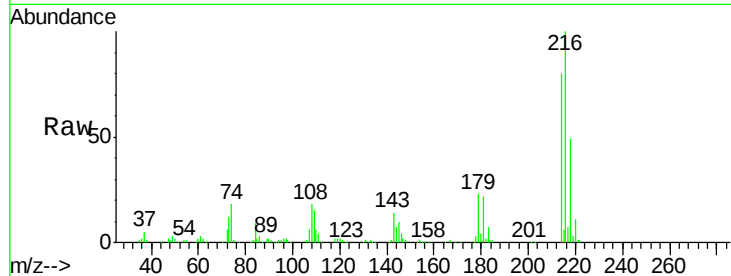
ClientSampleId :

PB108327BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 281370 |       |       |
| 214     | 79.2 |       | 63.0   | 94.4  |       |
| 179     | 22.7 |       | 18.1   | 27.1  |       |
| 108     | 20.2 |       | 17.2   | 25.8  |       |

Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



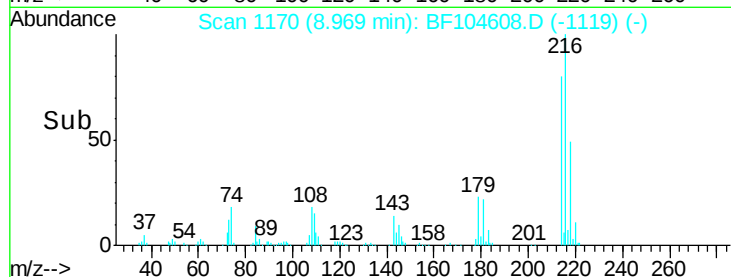
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

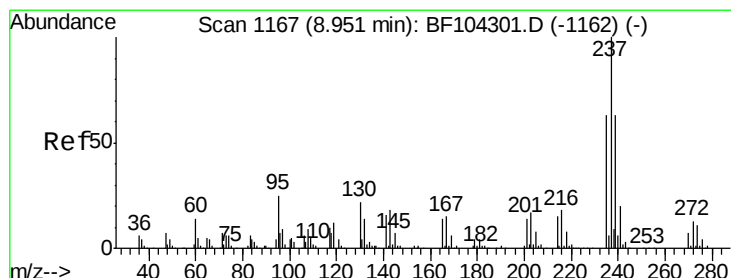
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time--> 8.90 8.95 9.00



Time--> 8.90 8.95 9.00



#40

Hexachlorocyclopentadiene

Concen: 39.870 ng

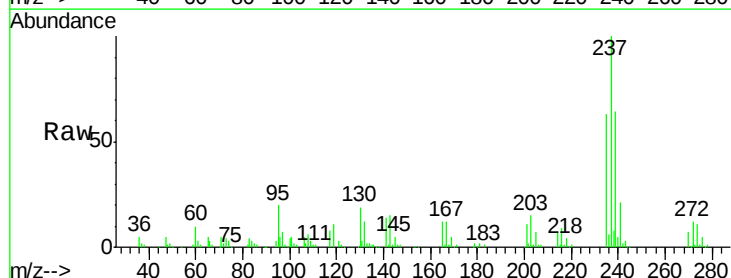
RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 135138 |       |       |
| 235     | 62.7 |       | 44.8   | 84.8  |       |
| 272     | 12.5 |       | 0.0    | 33.3  |       |

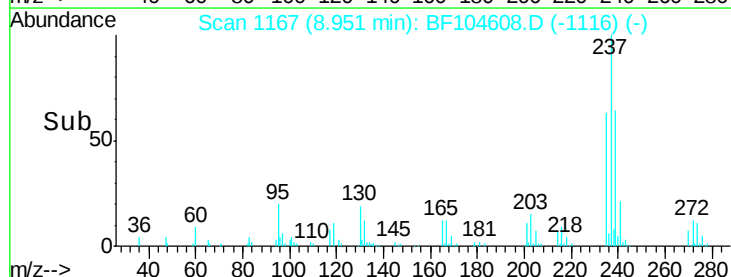


Abundance Ion 236.80 (236.50 to 237.50): E

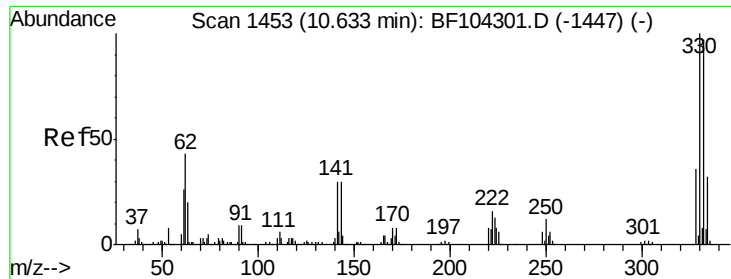
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time--> 8.90 8.95 9.00



Time--> 8.90 8.95 9.00



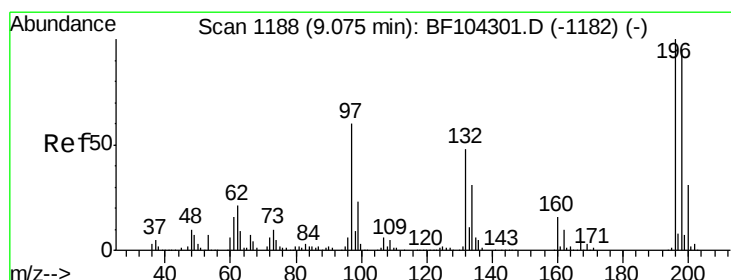
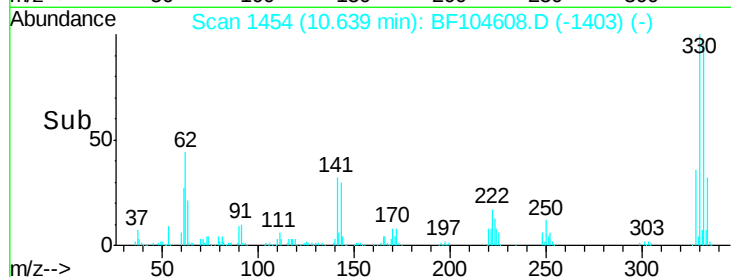
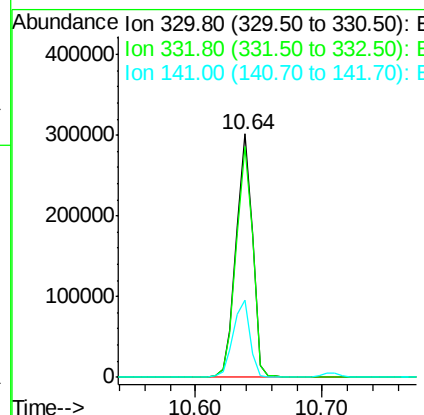
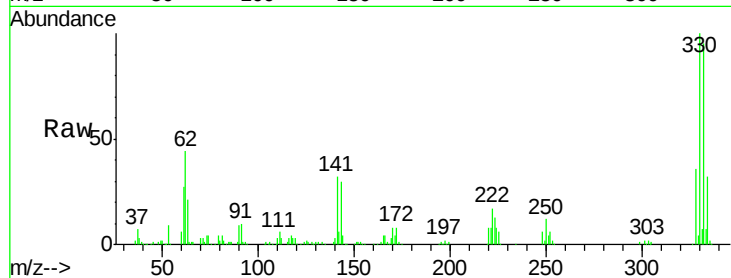
#41  
 2,4,6-Tribromophenol  
 Concen: 122.716 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108327BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 269238 |       |       |
| 332     | 95.9  | 77.0   | 115.6 |       |
| 141     | 32.7  | 29.9   | 44.9  |       |

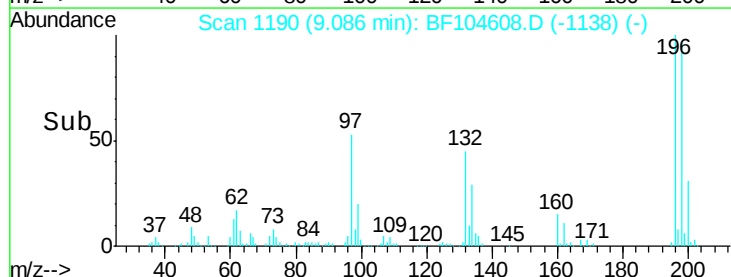
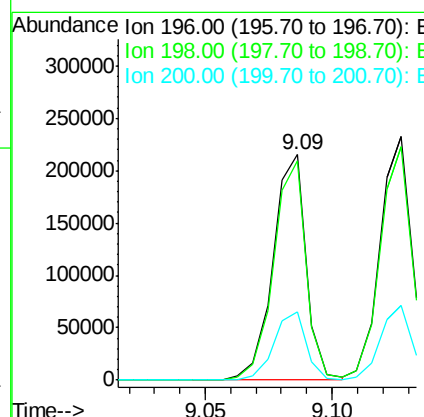
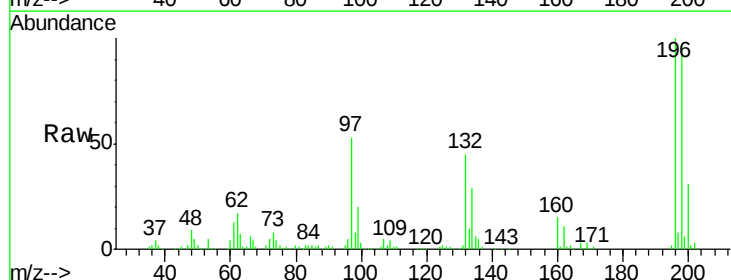
Manual Integrations  
 APPROVED

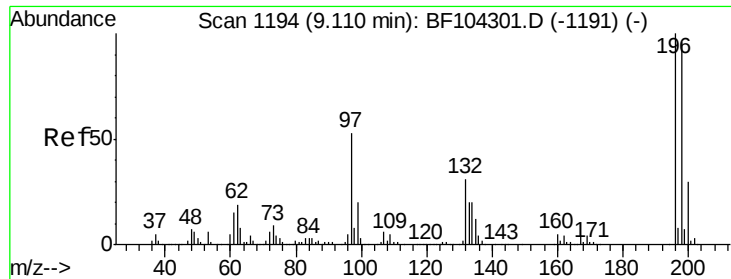
Sohil  
 4/19/2018 12:43:17 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 46.783 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. 0.01 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 196627 |       |       |
| 198     | 97.1  | 75.7   | 113.5 |       |
| 200     | 30.6  | 24.5   | 36.7  |       |





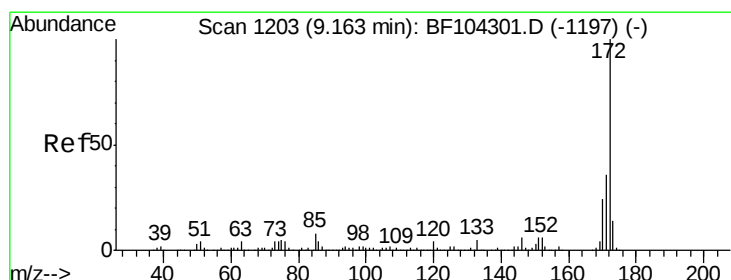
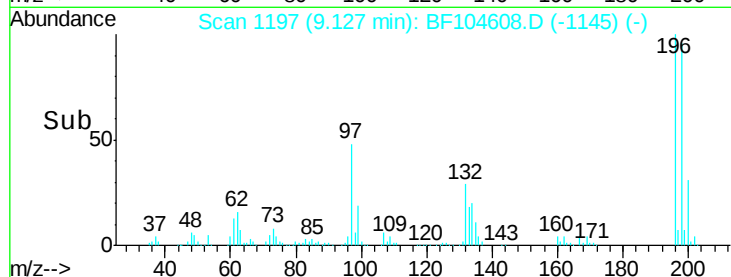
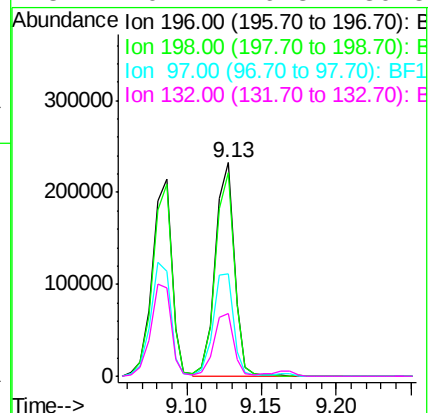
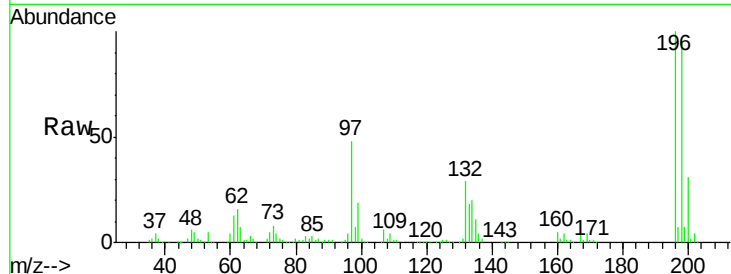
#43  
 2,4,5-Trichlorophenol  
 Concen: 44.184 ng  
 RT: 9.13 min Scan# 1197  
 Delta R.T. 0.01 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108327BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 207808 |       |       |
| 198     | 95.6 |       | 74.6   | 112.0 |       |
| 97      | 48.2 |       | 42.9   | 64.3  |       |
| 132     | 29.1 |       | 26.3   | 39.5  |       |

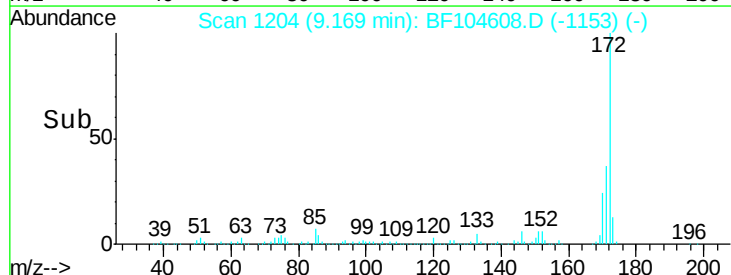
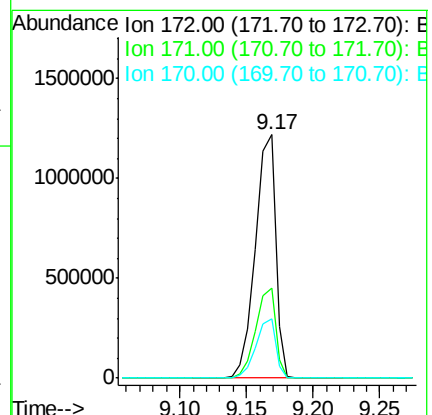
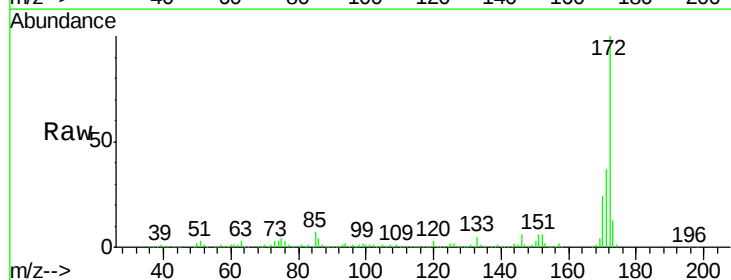
Manual Integrations  
 APPROVED

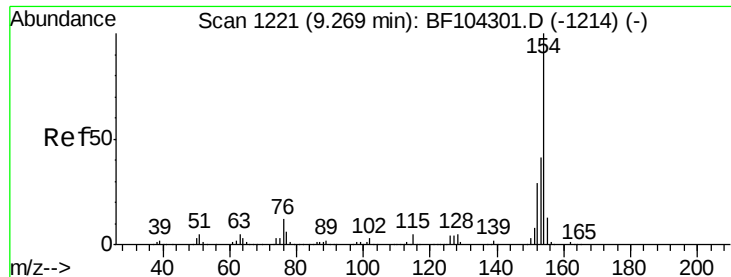
Sohil  
 4/19/2018 12:43:17 PM



#44  
 2-Fluorobiphenyl  
 Concen: 94.581 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 172     | 100  |       | 1266289 |       |       |
| 171     | 36.7 |       | 29.7    | 44.5  |       |
| 170     | 24.3 |       | 19.6    | 29.4  |       |





#45

1,1'-Biphenyl

Concen: 43.726 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

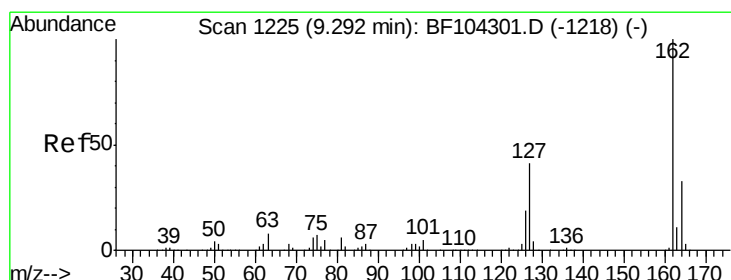
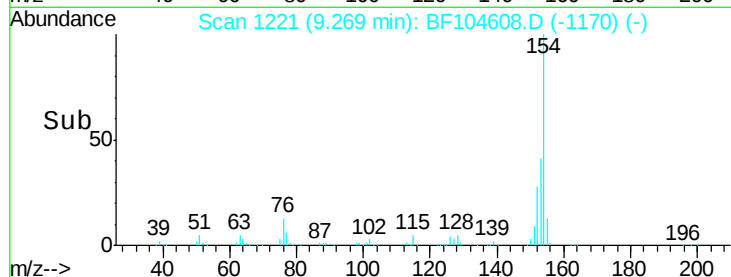
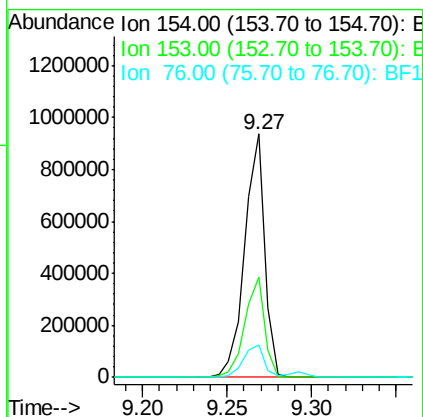
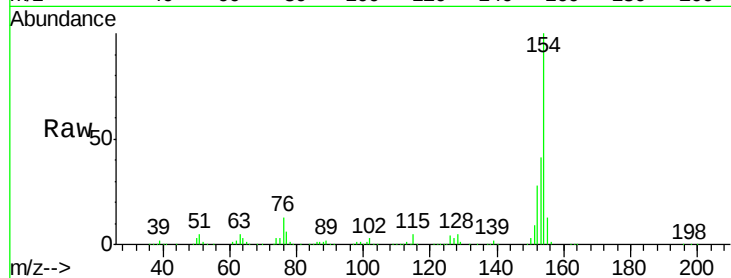
ClientSampleId :

PB108327BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 776913 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.3  | 21.3  | 61.3   |
| 76        | 13.2  | 0.0   | 34.0   |

Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



#46

2-Chloronaphthalene

Concen: 43.922 ng

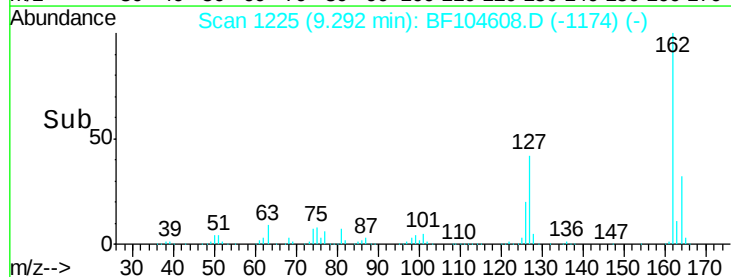
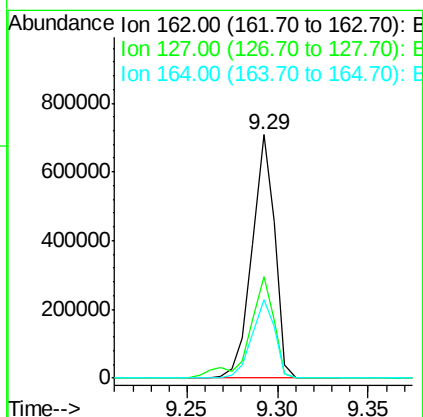
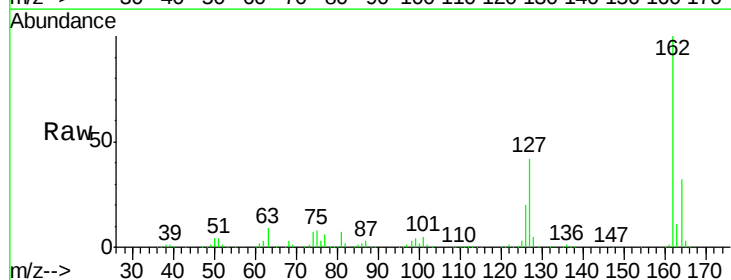
RT: 9.29 min Scan# 1225

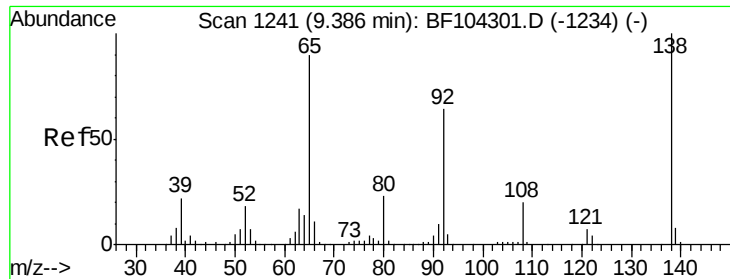
Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 616417 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.6  | 33.9  | 50.9   |
| 164       | 32.3  | 26.5  | 39.7   |





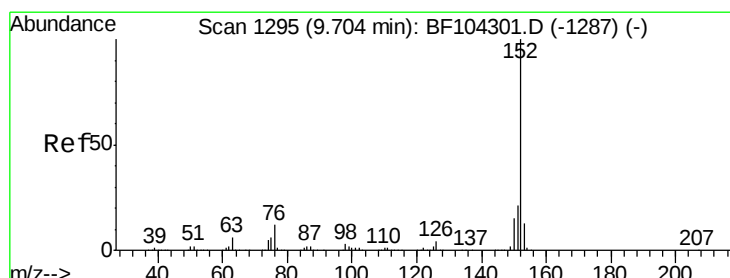
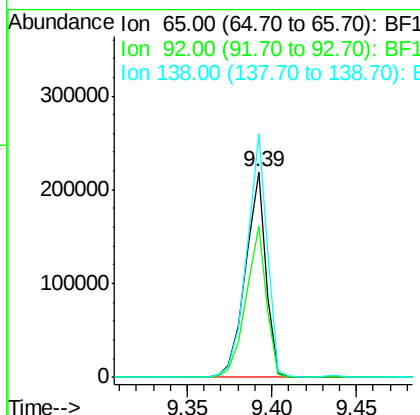
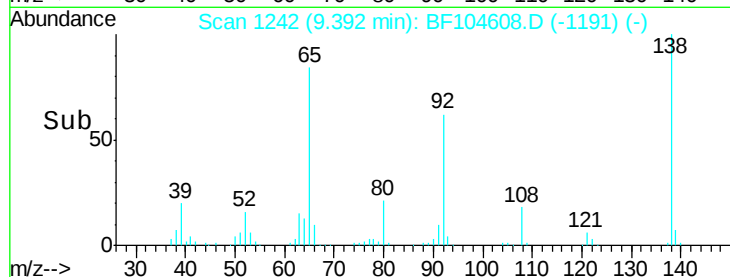
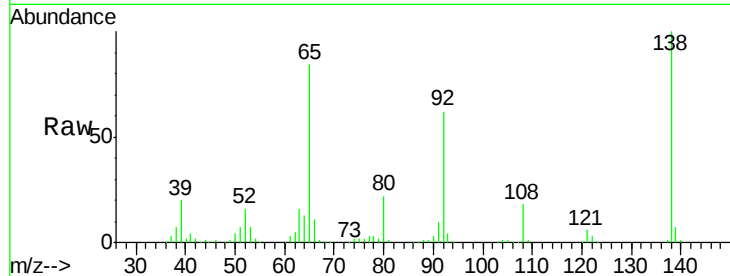
#47  
 2-Nitroaniline  
 Concen: 53.631 ng  
 RT: 9.39 min Scan# 1242  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108327BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 186136 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 73.7  | 55.8  | 83.6   |
| 138       | 118.4 | 91.2  | 136.8  |

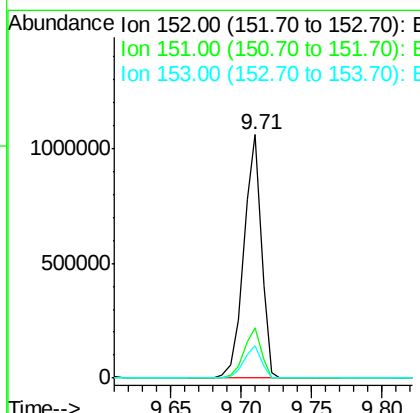
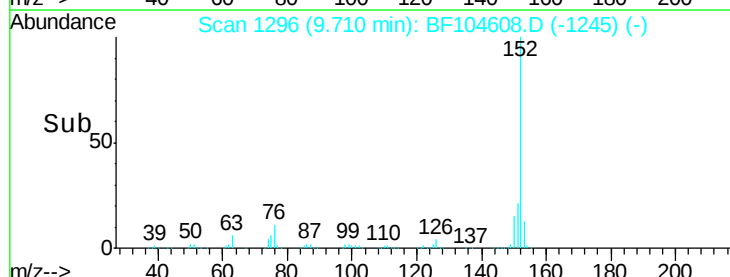
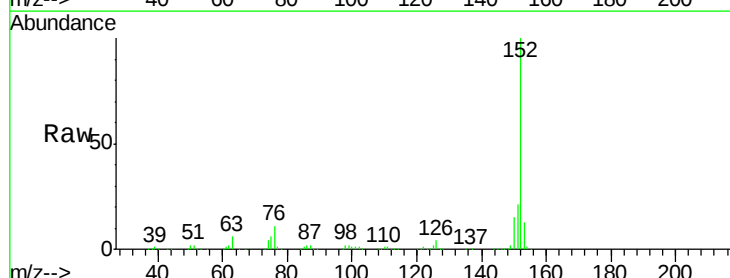
Manual Integrations  
 APPROVED

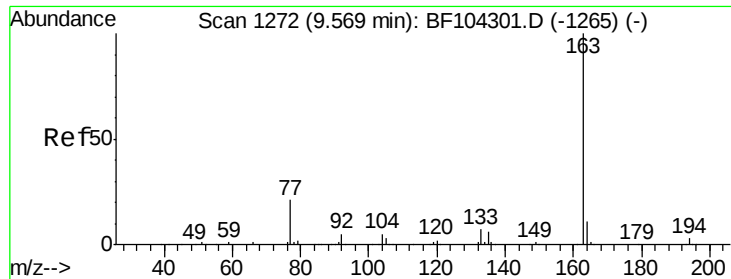
Sohil  
 4/19/2018 12:43:17 PM



#48  
 Acenaphthylene  
 Concen: 41.570 ng  
 RT: 9.71 min Scan# 1296  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 915351 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.9  | 16.3  | 24.5   |
| 153       | 13.3  | 10.7  | 16.1   |





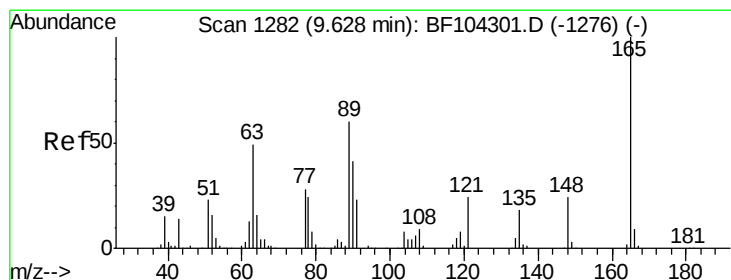
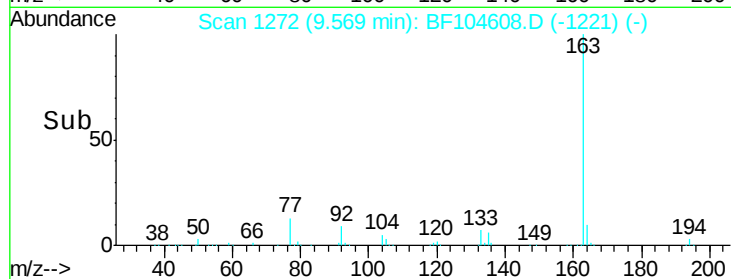
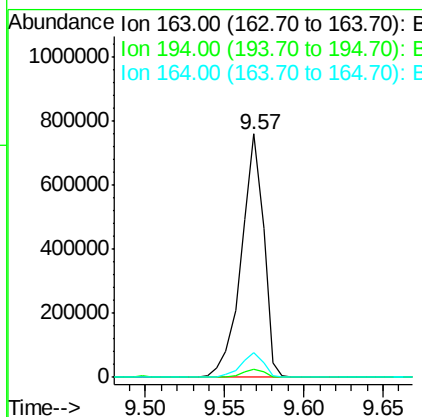
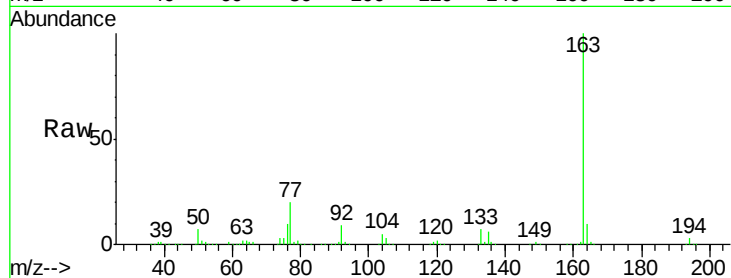
#49  
Dimethylphthalate  
Concen: 44.277 ng  
RT: 9.57 min Scan# 1272  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 738490 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.3   | 2.7   | 4.1    |
| 164       | 10.1  | 8.2   | 12.2   |

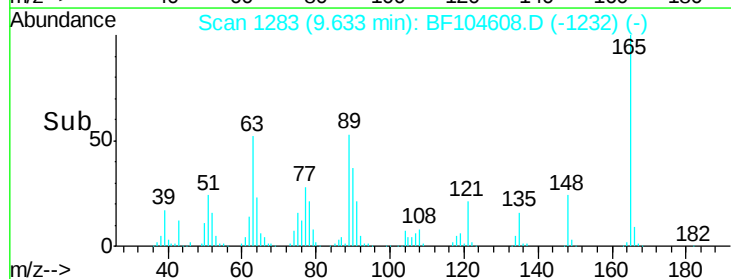
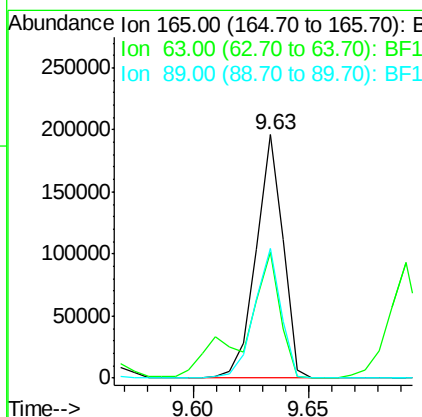
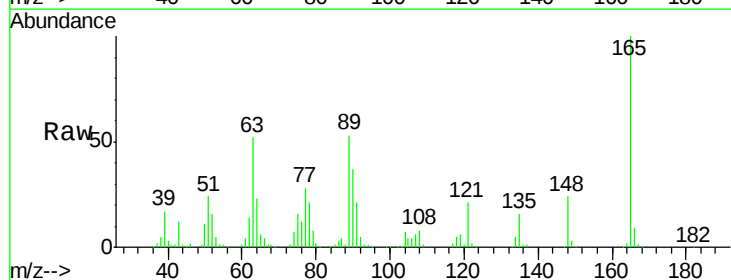
Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



#50  
2,6-Dinitrotoluene  
Concen: 52.015 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 160530 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 51.6  | 44.7  | 67.1   |
| 89        | 53.2  | 44.0  | 66.0   |





#51

Acenaphthene

Concen: 39.791 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

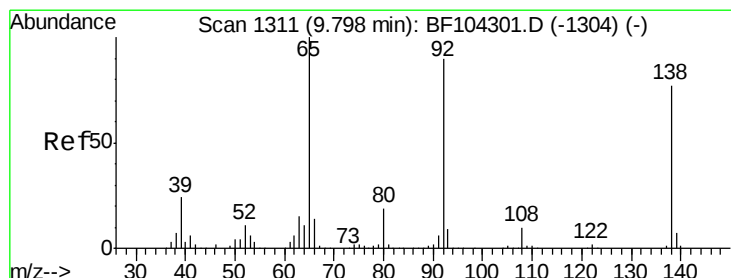
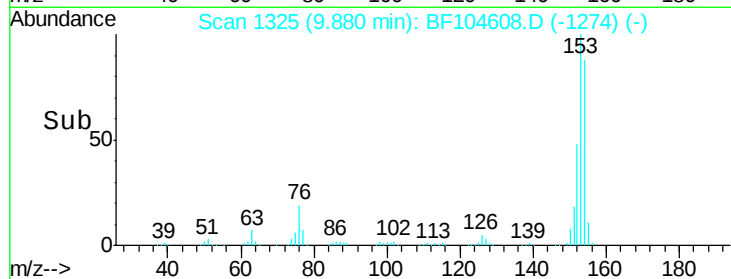
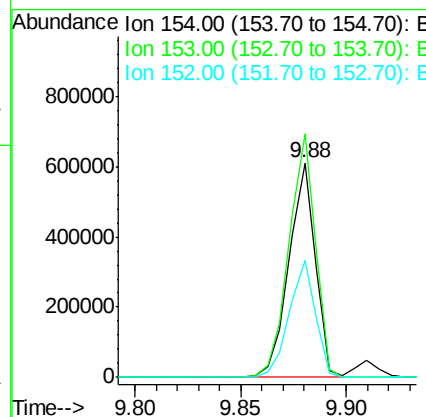
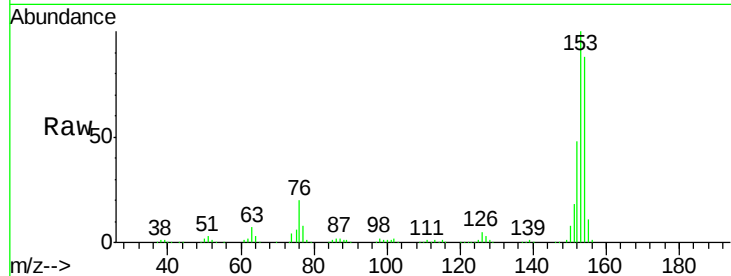
ClientSampleId :

PB108327BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 534581 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.7 | 91.2  | 136.8  |
| 152       | 54.4  | 43.8  | 65.8   |

Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



#52

3-Nitroaniline

Concen: 15.105 ng

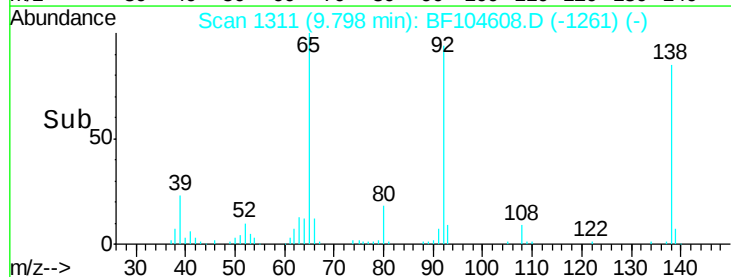
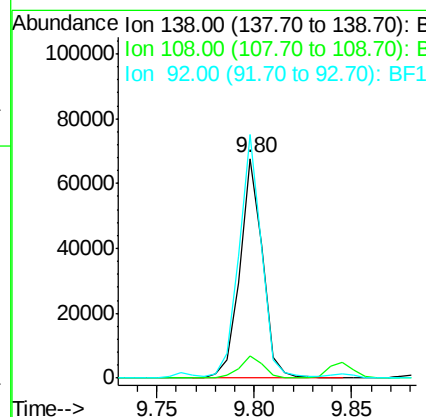
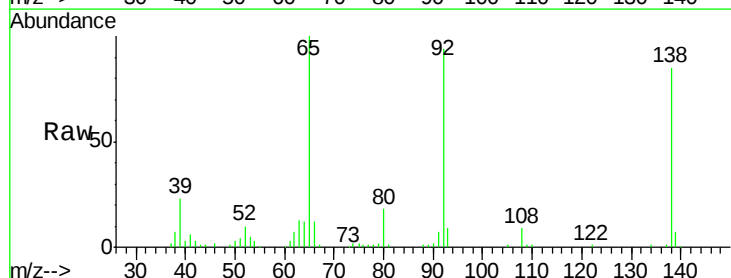
RT: 9.80 min Scan# 1311

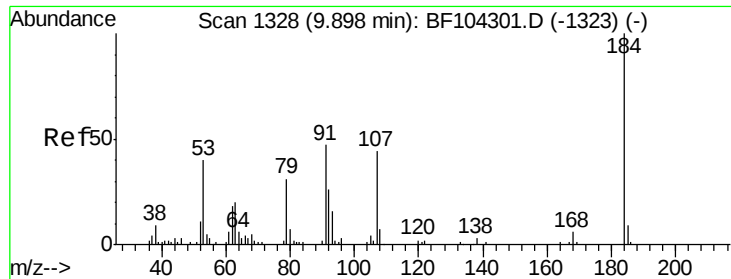
Delta R.T. -0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 54575 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.1  | 9.4   | 14.0  |
| 92        | 110.8 | 89.4  | 134.2 |





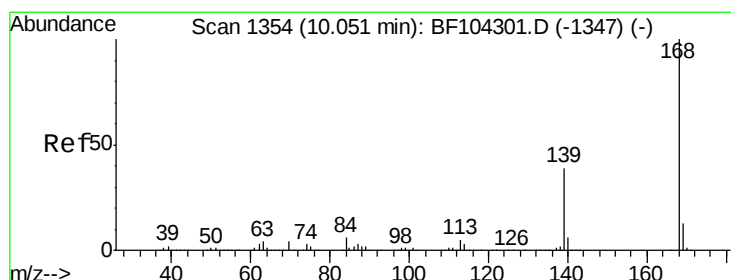
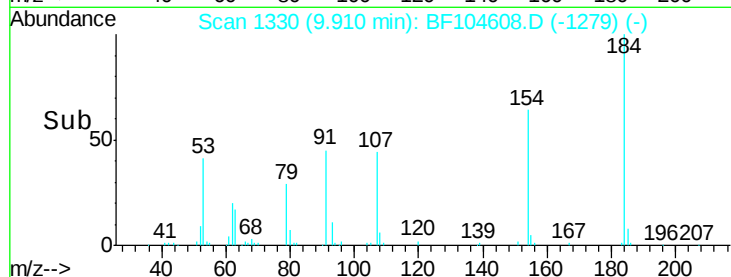
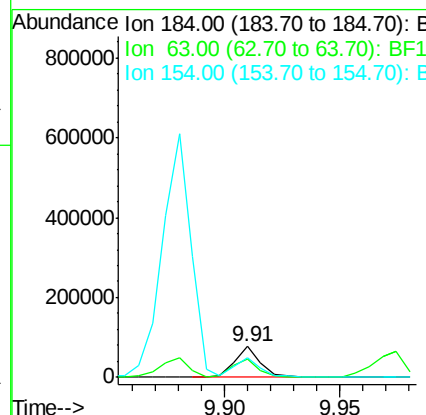
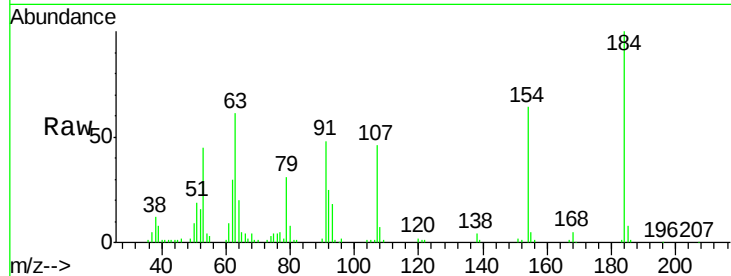
#53  
2,4-Dinitrophenol  
Concen: 56.596 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 60.7  | 54.2  | 81.2   |
| 154     | 64.5  | 184.0 | 276.0# |

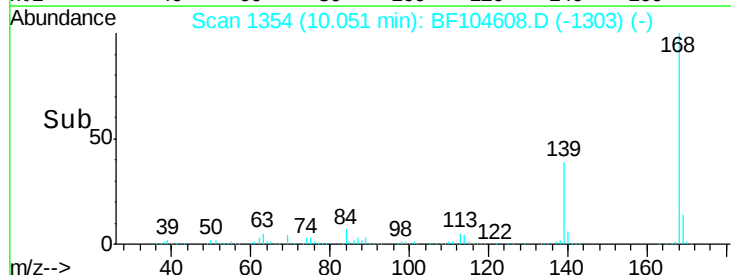
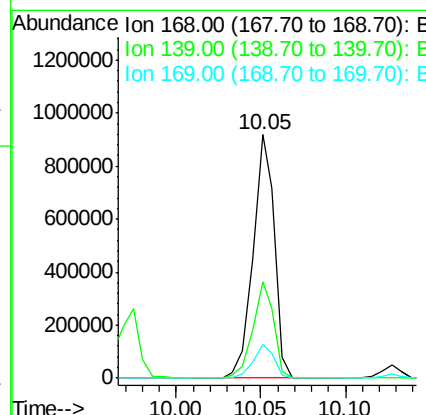
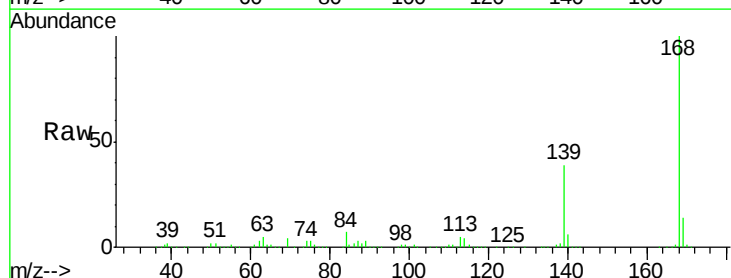
Manual Integrations  
APPROVED

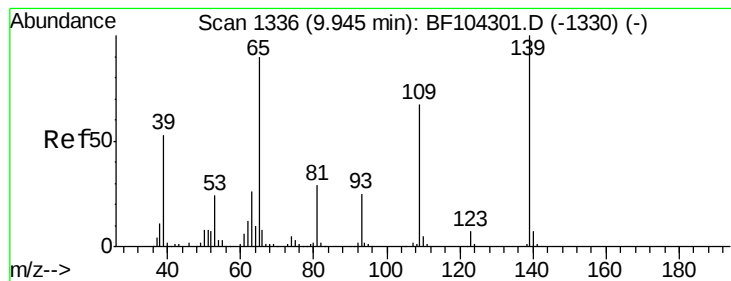
Sohil  
4/19/2018 12:43:17 PM



#54  
Dibenzofuran  
Concen: 43.178 ng  
RT: 10.05 min Scan# 1354  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.4  | 30.1  | 45.1  |
| 169     | 13.7  | 10.9  | 16.3  |





#55

4-Nitrophenol

Concen: 85.155 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

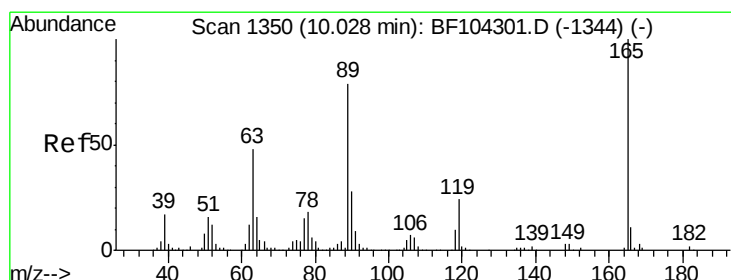
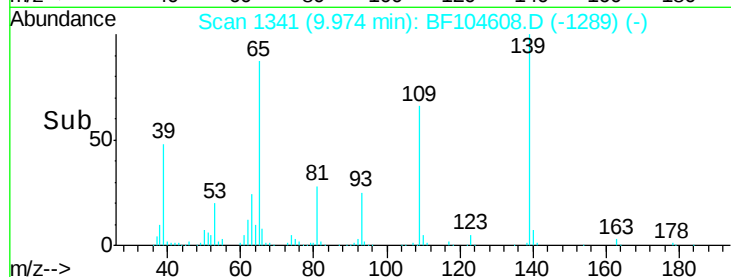
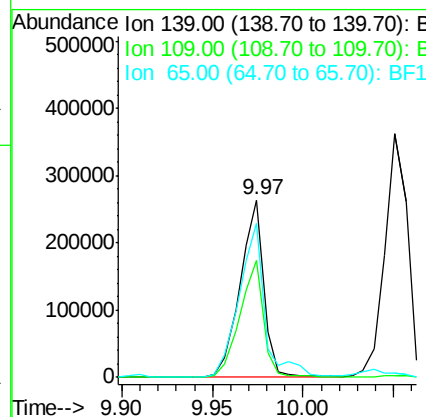
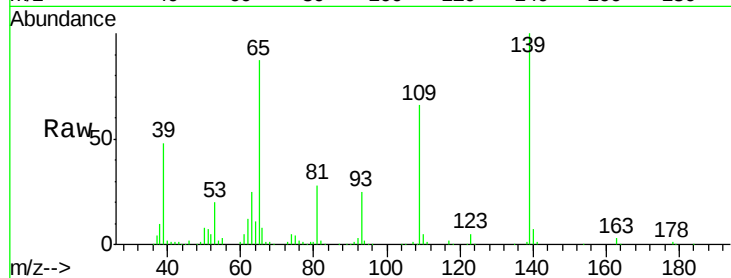
ClientSampleId :

PB108327BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 241682 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 66.1  | 48.4  | 88.4   |
| 65        | 86.5  | 72.6  | 112.6  |

Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



#56

2,4-Dinitrotoluene

Concen: 50.097 ng

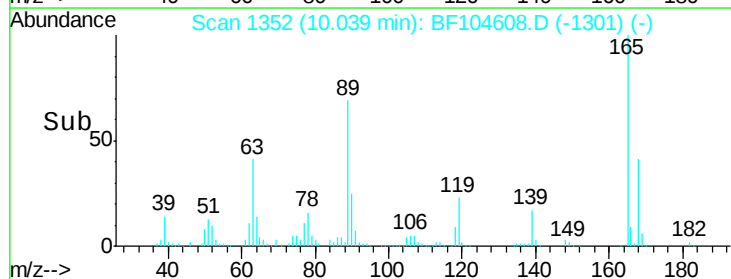
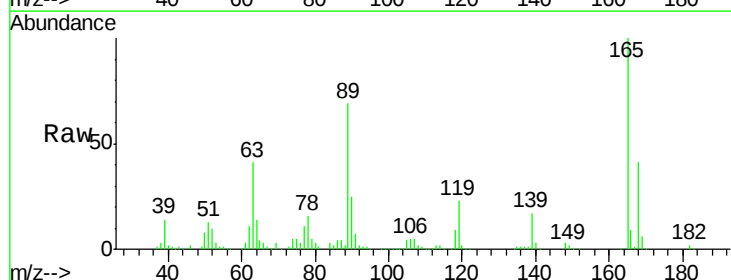
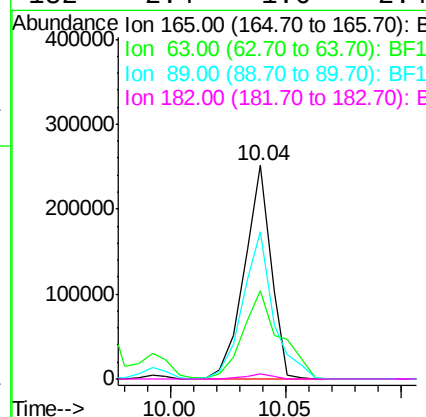
RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 202803 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 41.3  | 36.4  | 54.6   |
| 89        | 69.1  | 57.8  | 86.6   |
| 182       | 2.4   | 1.6   | 2.4#   |





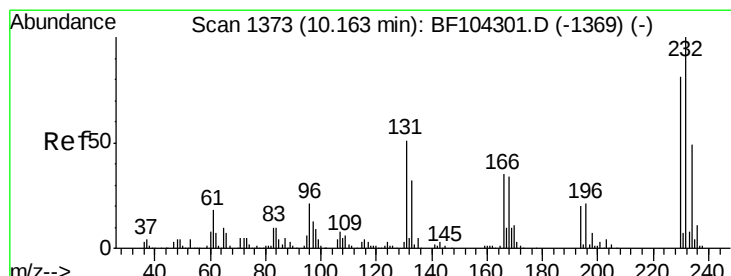
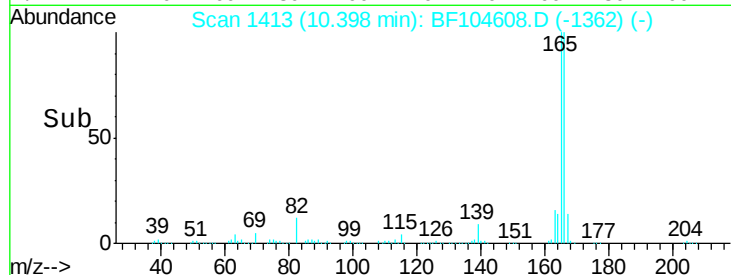
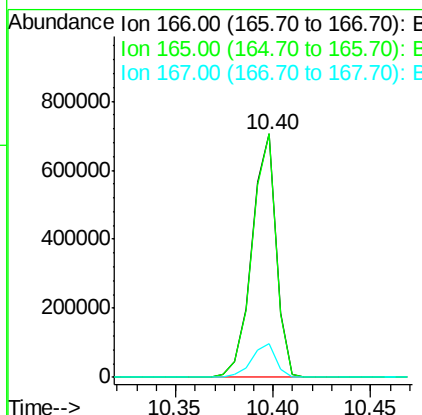
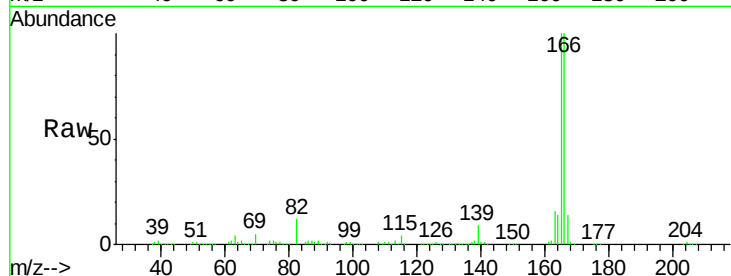
#57  
**Fluorene**  
 Concen: 44.516 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108327BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 606657 |       |       |
| 165     | 100.0 | 79.8   | 119.8 |       |
| 167     | 13.7  | 10.6   | 16.0  |       |

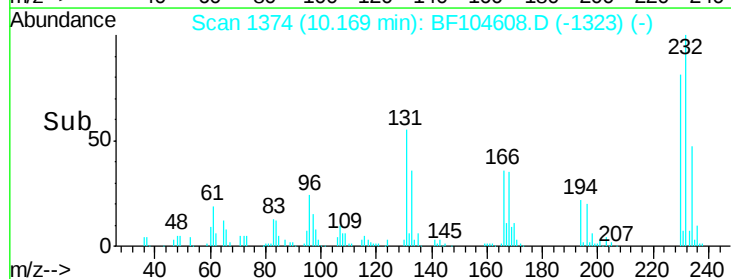
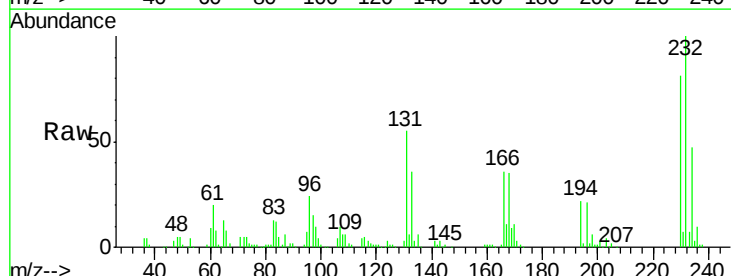
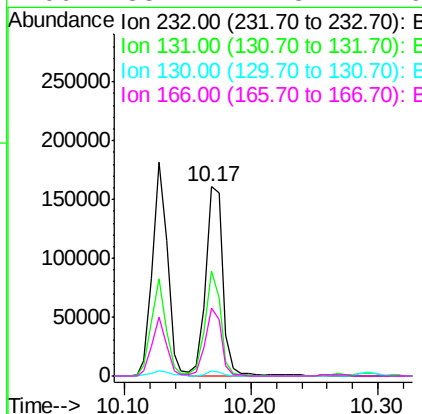
Manual Integrations  
 APPROVED

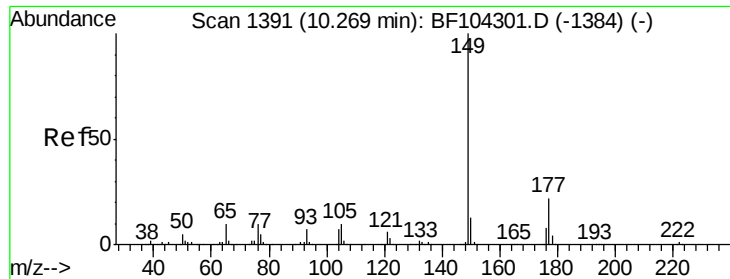
Sohil  
 4/19/2018 12:43:17 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 43.975 ng  
 RT: 10.17 min Scan# 1374  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 154298 |       |       |
| 131     | 48.8  | 43.8   | 65.8  |       |
| 130     | 2.4   | 2.1    | 3.1   |       |
| 166     | 33.4  | 27.8   | 41.6  |       |





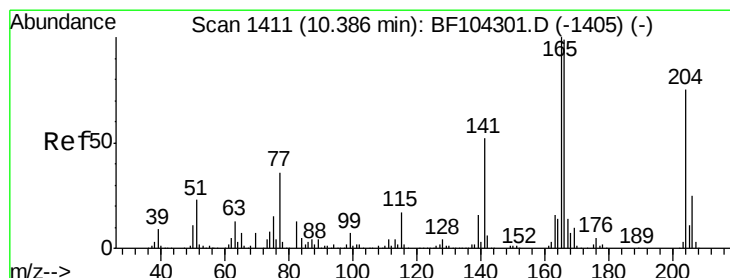
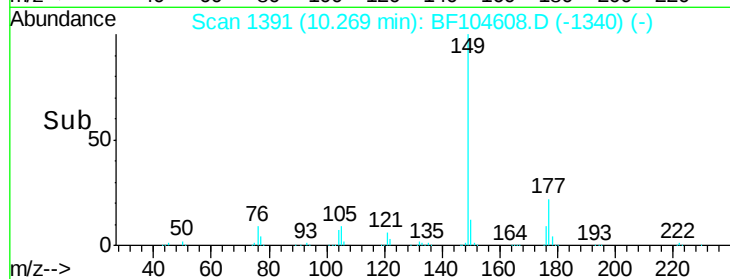
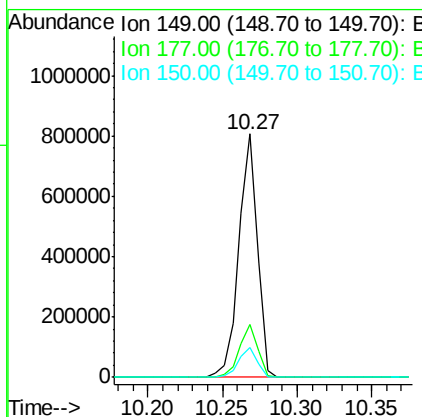
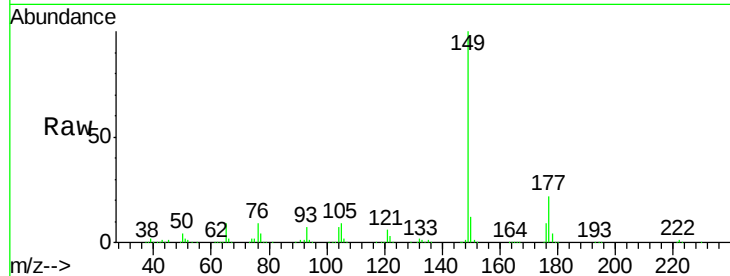
#59  
Diethylphthalate  
Concen: 42.319 ng  
RT: 10.27 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampled :  
PB108327BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 702956 |       |       |
| 177     | 21.8  |        | 16.1  | 24.1  |
| 150     | 12.3  |        | 10.1  | 15.1  |

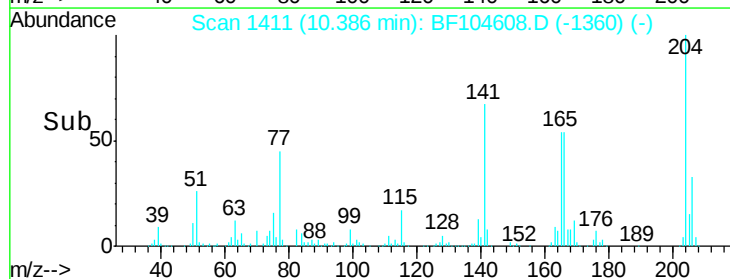
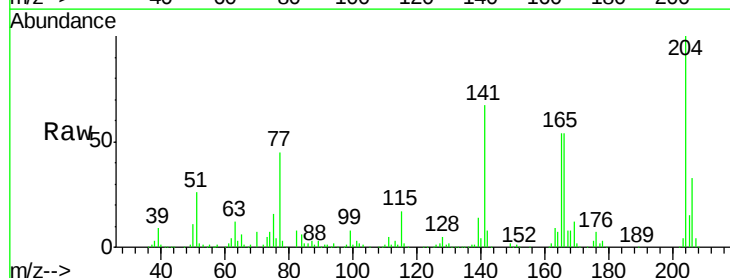
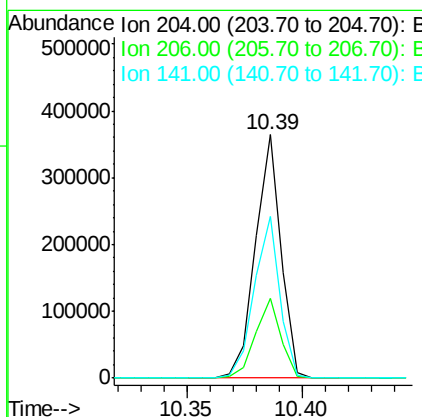
Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 46.590 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 282758 |       |       |
| 206     | 33.0  |        | 26.5  | 39.7  |
| 141     | 66.7  |        | 54.6  | 81.8  |





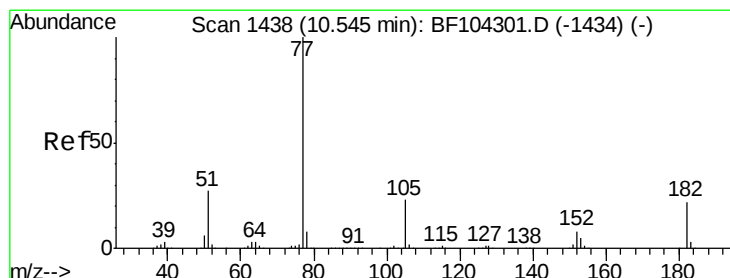
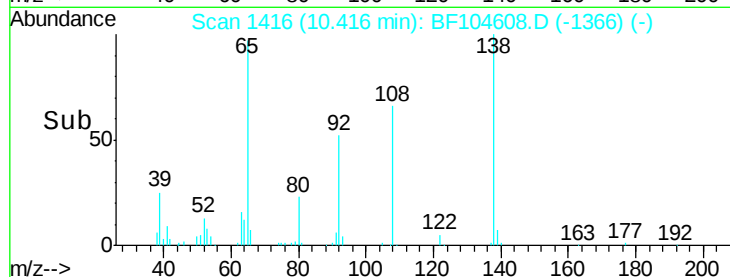
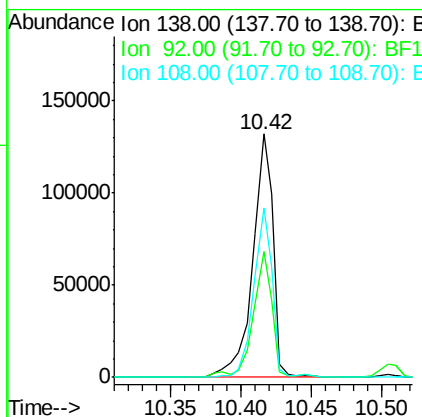
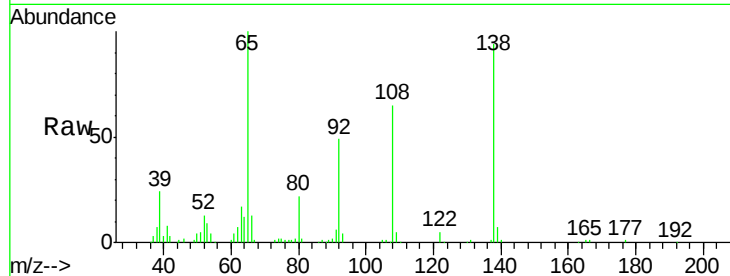
#61  
4-Nitroaniline  
Concen: 37.889 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. -0.01 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 133850 |       |       |
| 92      | 51.8  | 30.2   | 70.2  |       |
| 108     | 69.4  | 52.5   | 92.5  |       |

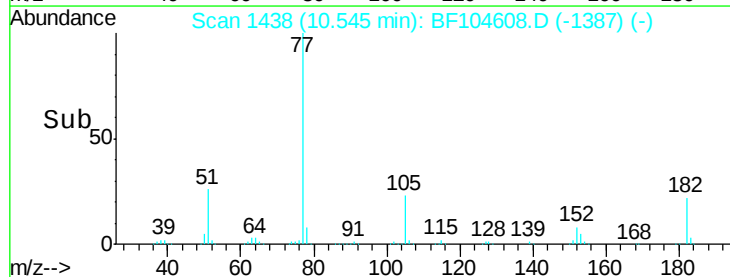
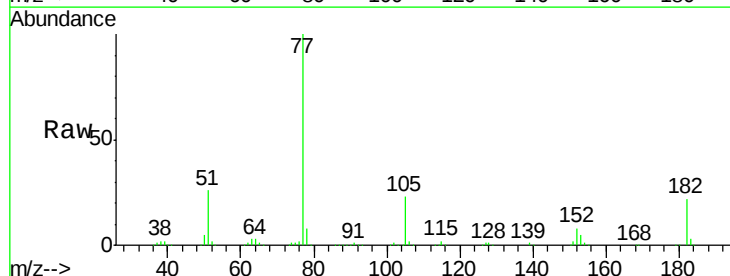
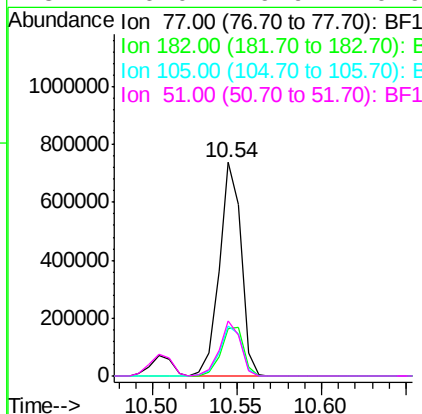
Manual Integrations  
APPROVED

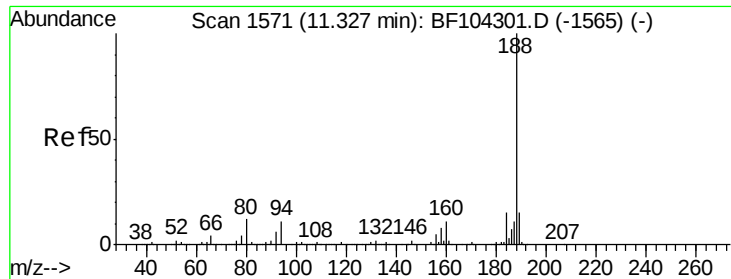
Sohil  
4/19/2018 12:43:17 PM



#62  
Azobenzene  
Concen: 41.536 ng  
RT: 10.54 min Scan# 1438  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 659167 |       |       |
| 182     | 22.2  | 1.7    | 41.7  |       |
| 105     | 23.1  | 3.0    | 43.0  |       |
| 51      | 26.0  | 9.9    | 49.9  |       |





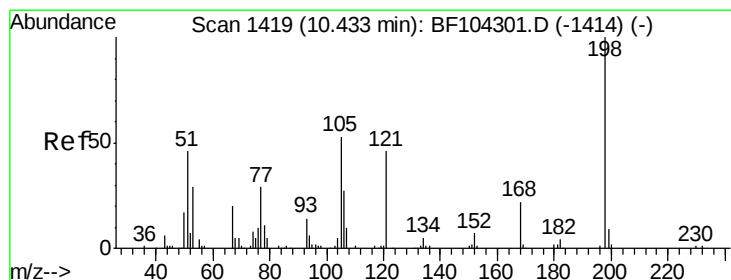
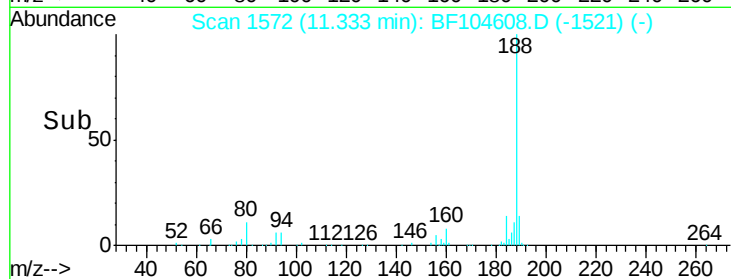
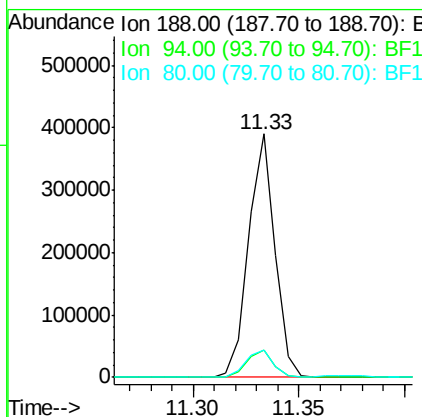
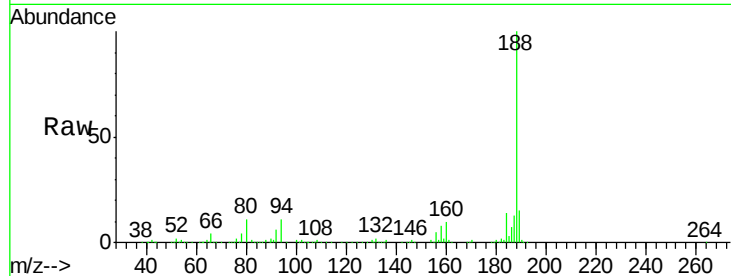
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 11.1  | 8.5        | 12.7  |
| 80      | 11.5  | 9.2        | 13.8  |

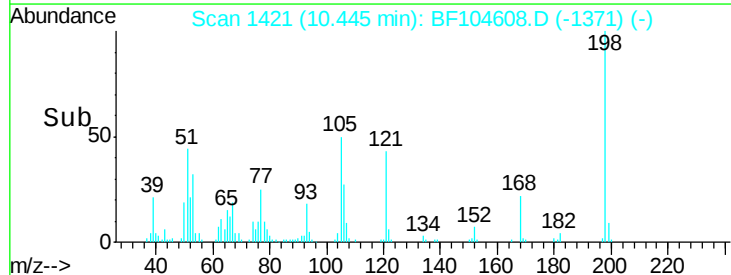
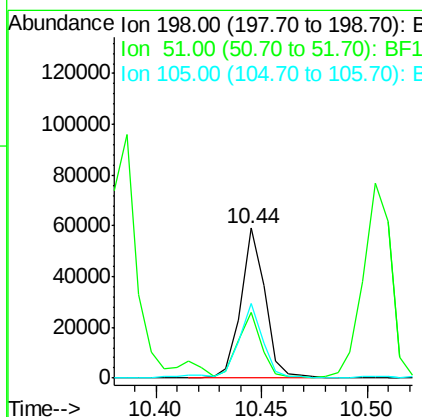
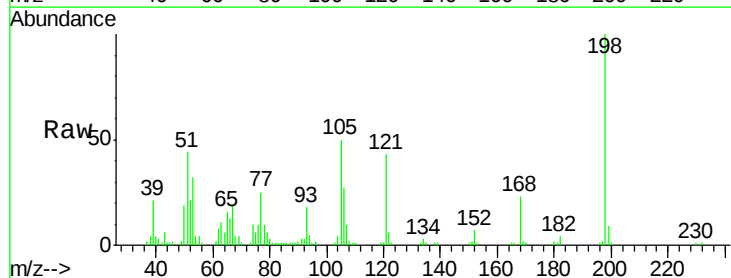
Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 31.368 ng  
RT: 10.44 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 43.9  | 37.7       | 77.7  |
| 105     | 49.8  | 36.3       | 76.3  |





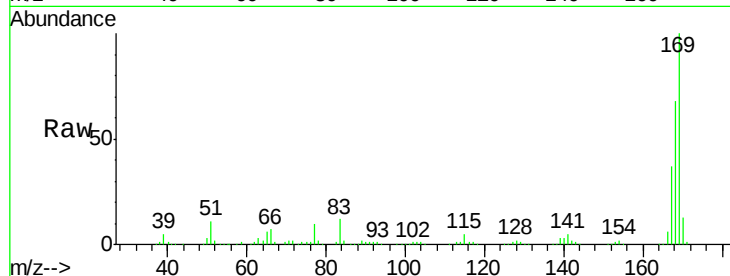
#65  
n-Nitrosodiphenylamine  
Concen: 47.515 ng  
RT: 10.51 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

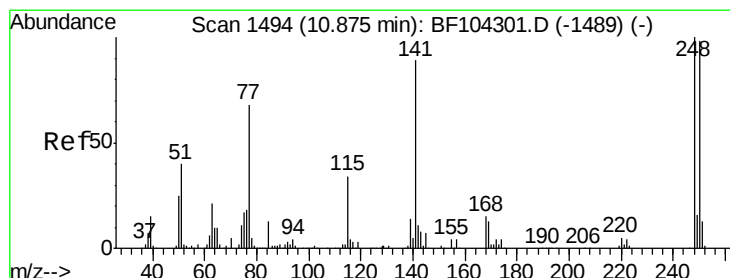
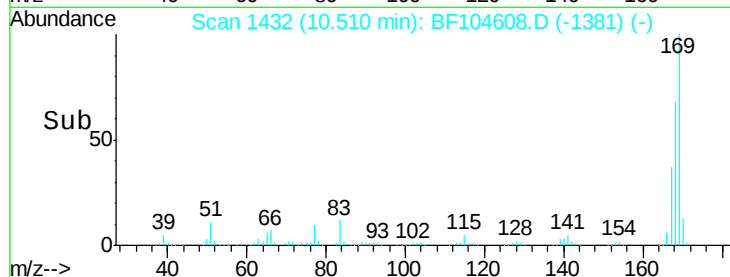
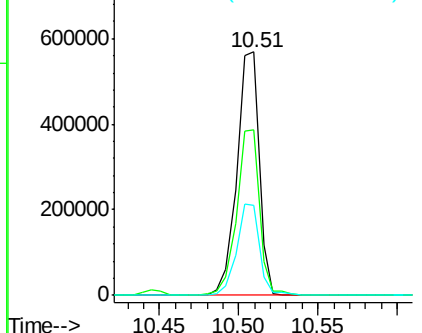
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 556541 |       |       |
| 168     | 67.8  |        | 54.4  | 81.6  |
| 167     | 37.0  |        | 29.8  | 44.6  |

Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM

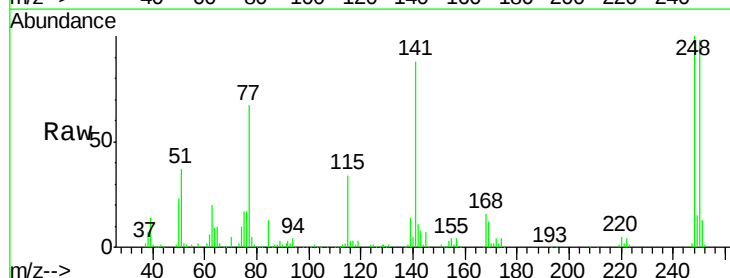


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

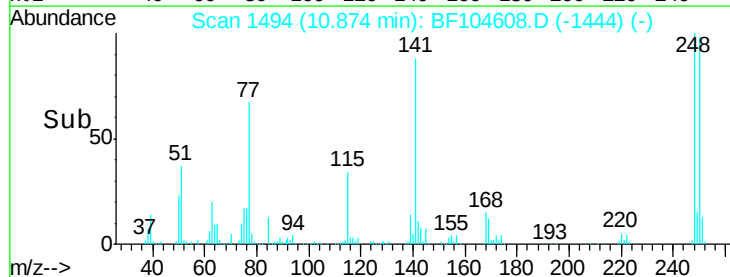
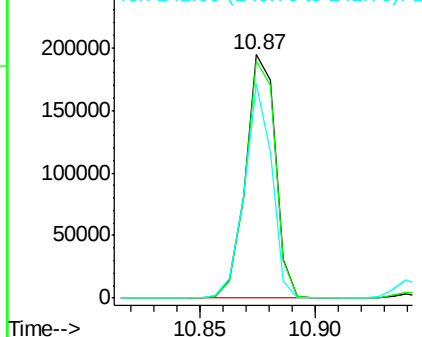


#66  
4-Bromophenyl-phenylether  
Concen: 48.843 ng  
RT: 10.87 min Scan# 1494  
Delta R.T. -0.01 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 175505 |       |       |
| 250     | 97.7  |        | 76.9  | 115.3 |
| 141     | 87.9  |        | 74.4  | 111.6 |



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





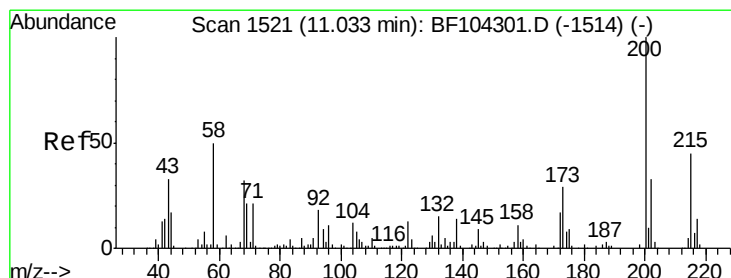
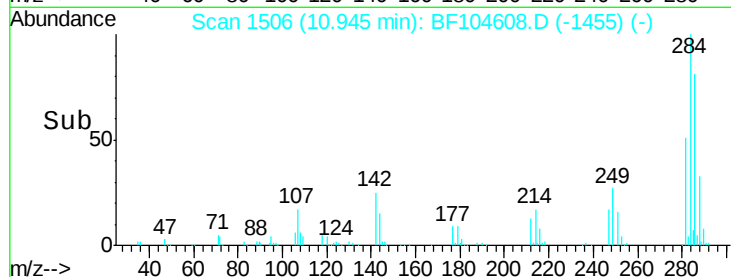
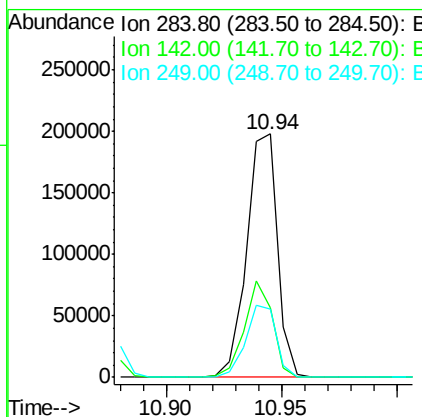
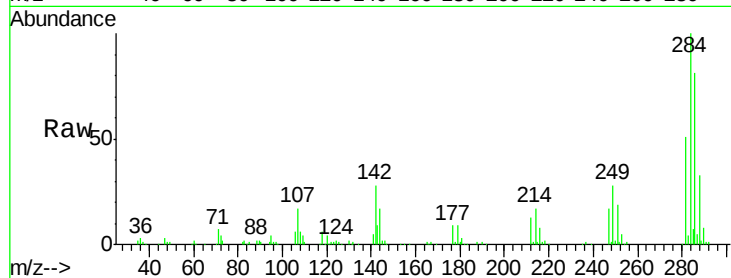
#67  
Hexachlorobenzene  
Concen: 45.654 ng  
RT: 10.94 min Scan# 1506  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampled :  
PB108327BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 184588 |       |       |
| 142     | 28.5  | 34.6   | 52.0  |       |
| 249     | 28.0  | 24.8   | 37.2  |       |

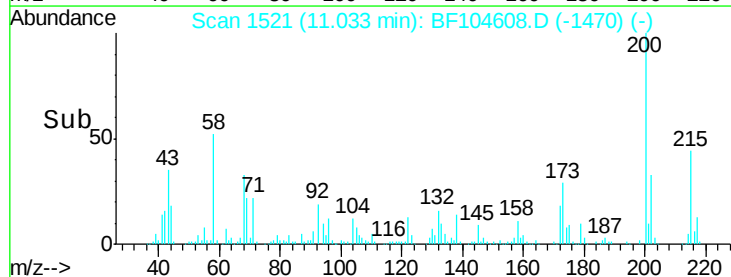
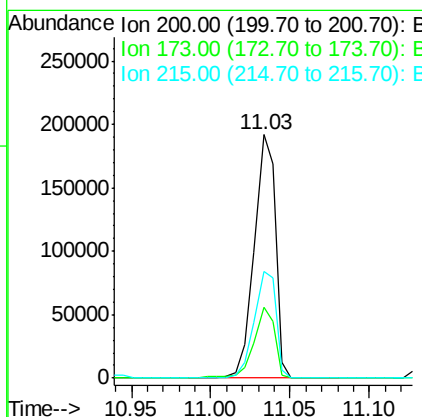
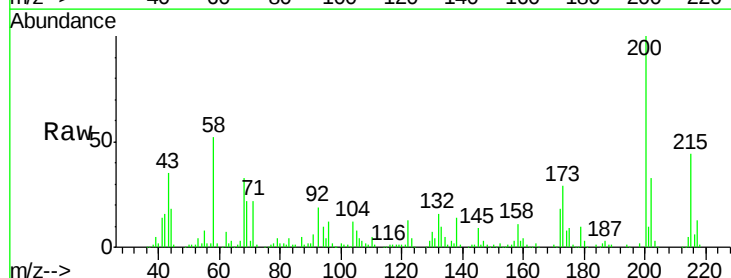
Manual Integrations  
APPROVED

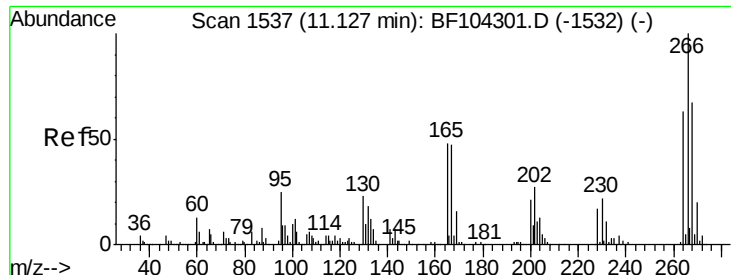
Sohil  
4/19/2018 12:43:17 PM



#68  
Atrazine  
Concen: 50.606 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 178917 |       |       |
| 173     | 29.3  | 8.6    | 48.6  |       |
| 215     | 43.9  | 25.1   | 65.1  |       |





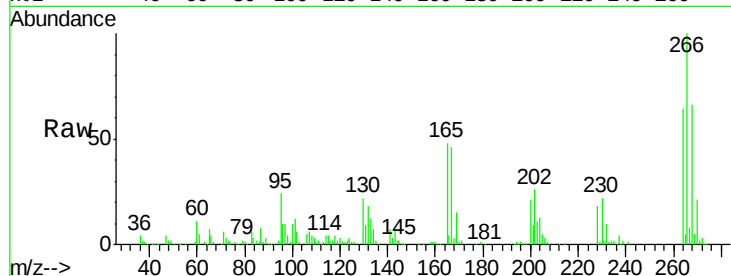
#69  
 Pentachlorophenol  
 Concen: 65.335 ng  
 RT: 11.14 min Scan# 1539  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB108327BS

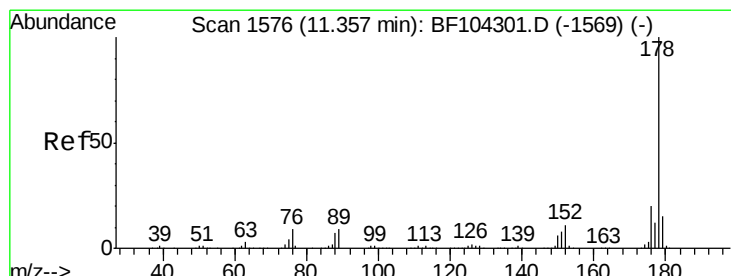
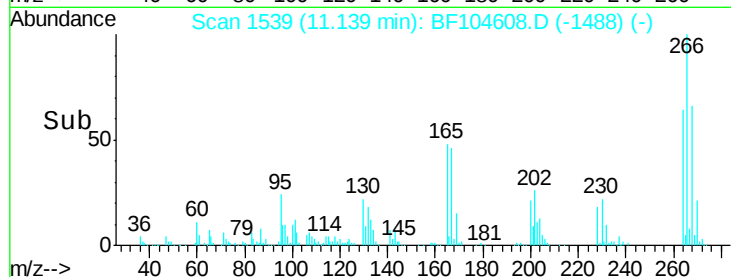
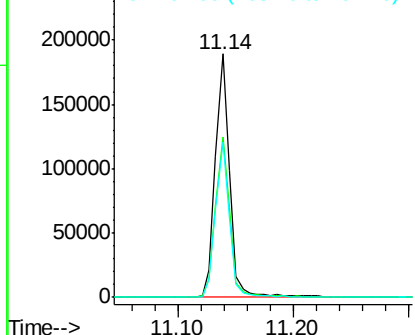
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.9  | 51.1  | 76.7  |
| 264     | 63.6  | 49.5  | 74.3  |

Manual Integrations  
 APPROVED

Sohil  
 4/19/2018 12:43:17 PM

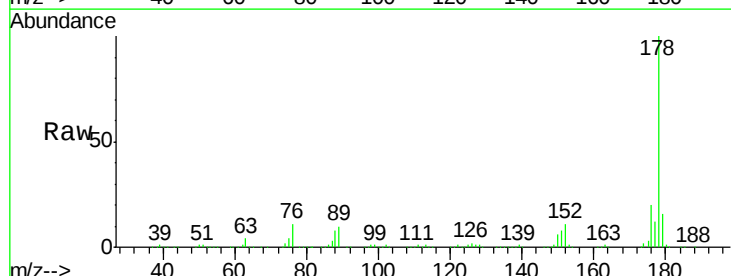


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

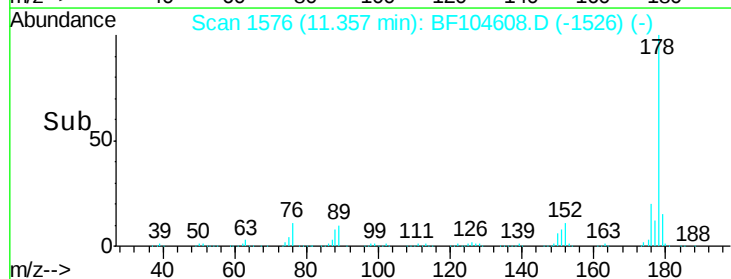
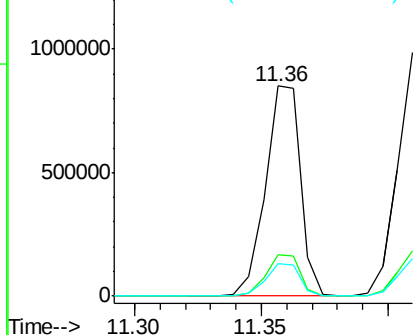


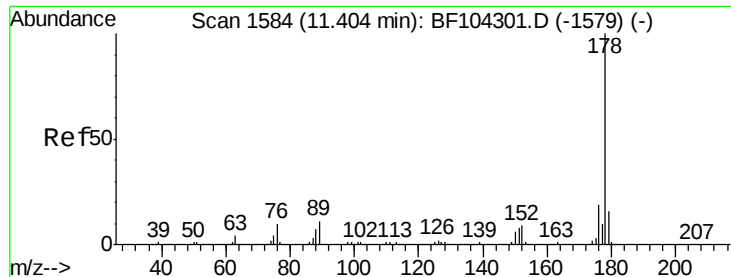
#70  
 Phenanthrene  
 Concen: 43.781 ng  
 RT: 11.36 min Scan# 1576  
 Delta R.T. -0.01 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.8  | 23.8  |
| 179     | 15.6  | 13.0  | 19.6  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





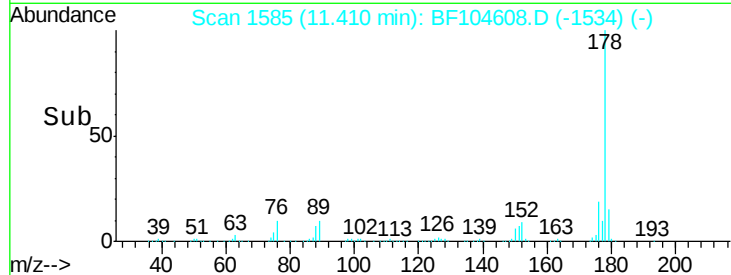
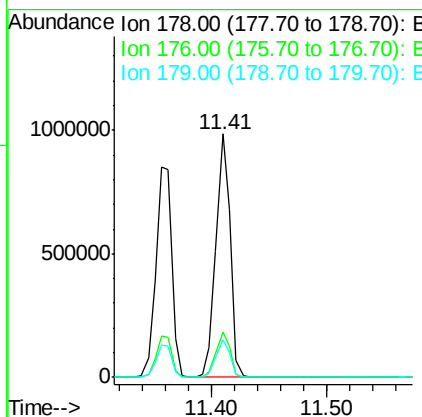
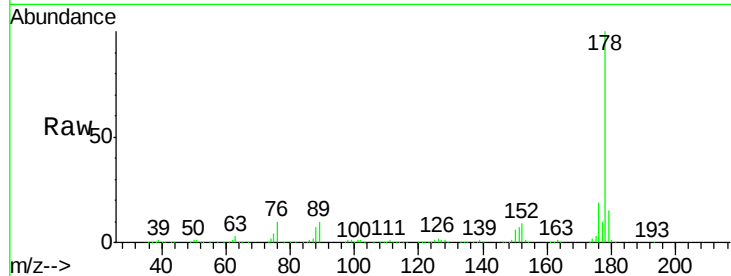
#71  
 Anthracene  
 Concen: 44.242 ng  
 RT: 11.41 min Scan# 1585  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108327BS

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

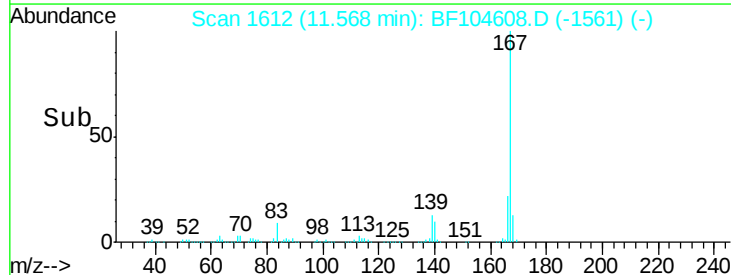
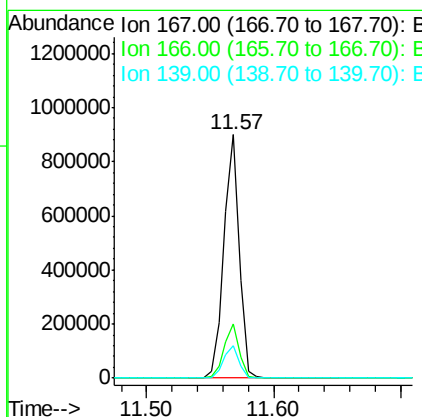
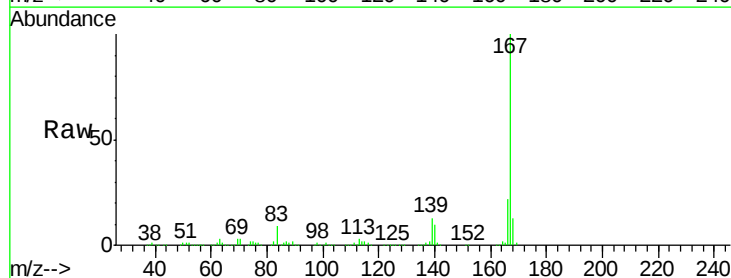
Manual Integrations  
 APPROVED

Sohil  
 4/19/2018 12:43:17 PM



#72  
 Carbazole  
 Concen: 40.625 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.6  | 26.4  |
| 139     | 13.1  | 10.9  | 16.3  |





#73

Di-n-butylphthalate

Concen: 45.194 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

ClientSampleId :

PB108327BS

Tot Ion:149 Resp: 1031639

Ion Ratio Lower Upper

149 100

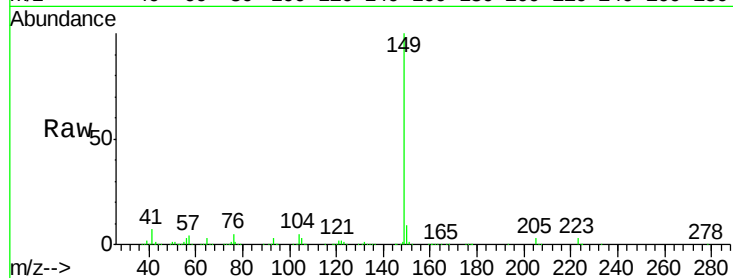
150 9.4 7.8 11.6

104 4.8 3.8 5.8

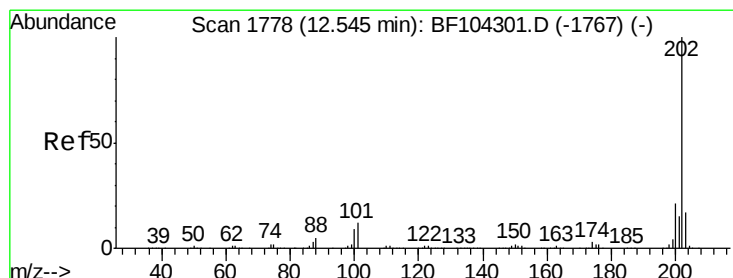
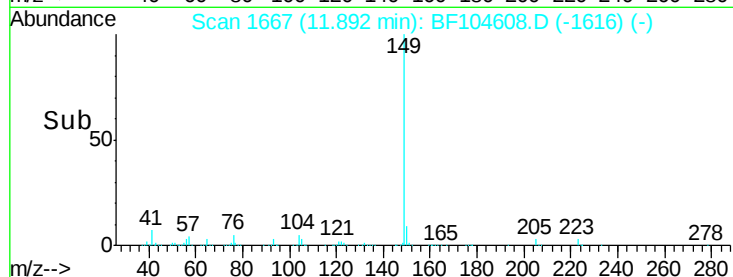
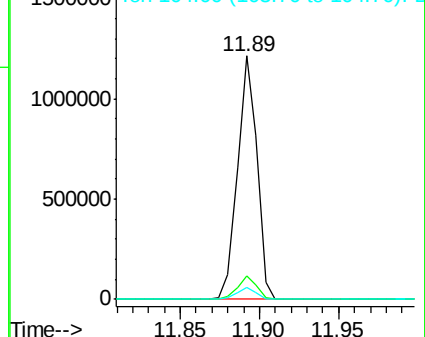
Manual Integrations  
APPROVED

Sohil

4/19/2018 12:43:17 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: 38.541 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

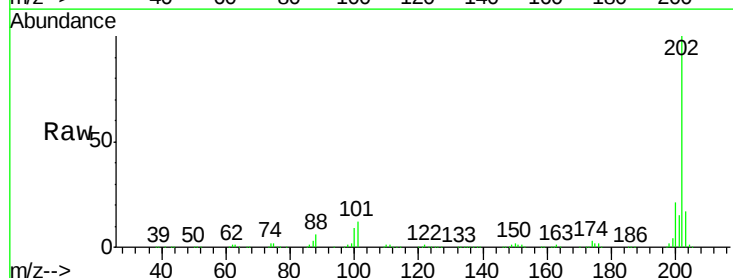
Tgt Ion:202 Resp: 757540

Ion Ratio Lower Upper

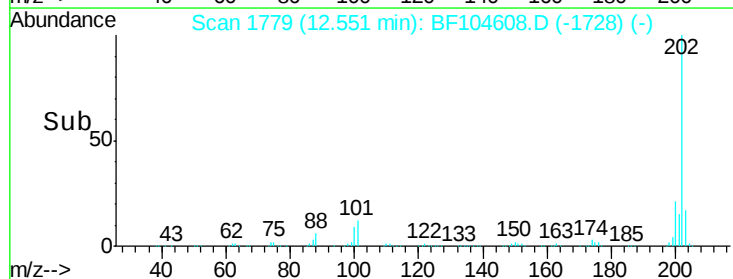
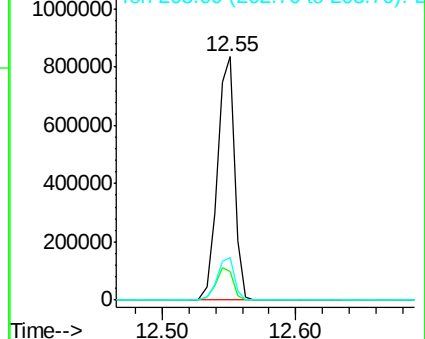
202 100

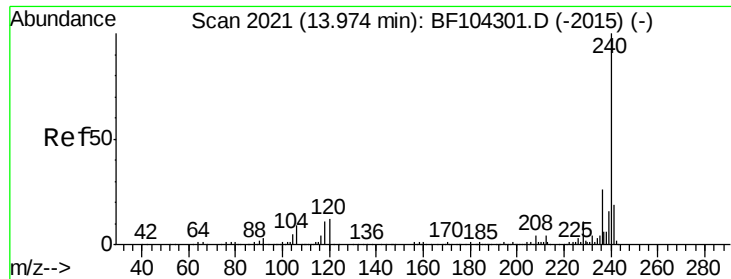
101 11.6 0.0 34.1

203 17.4 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: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

Instrument :

BNA\_F

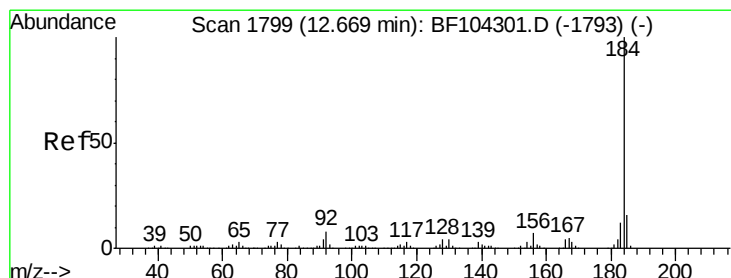
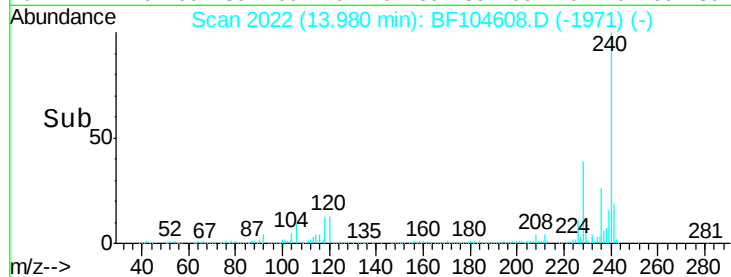
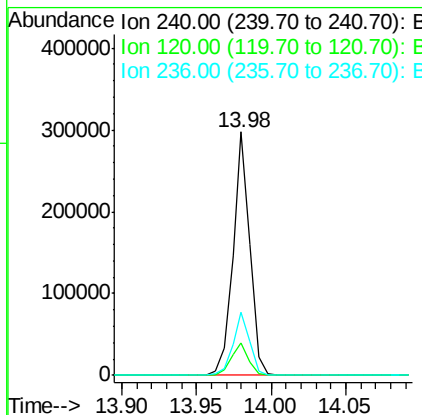
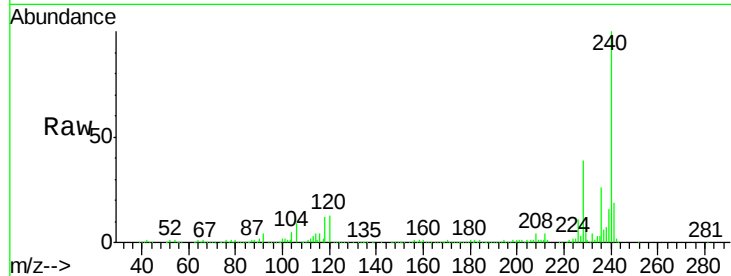
ClientSampleId :

PB108327BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 237609 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 13.4  | 9.5   | 14.3   |
| 236       | 26.2  | 20.7  | 31.1   |

Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



#76

Benzidine

Concen: 58.961 ng

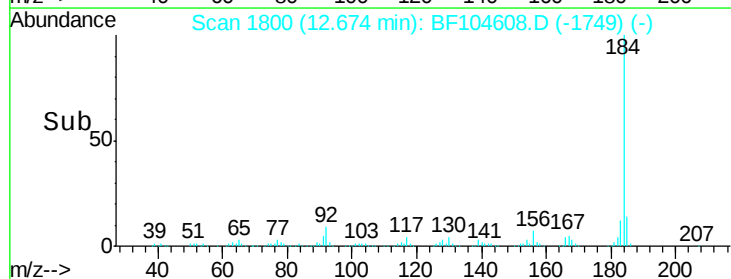
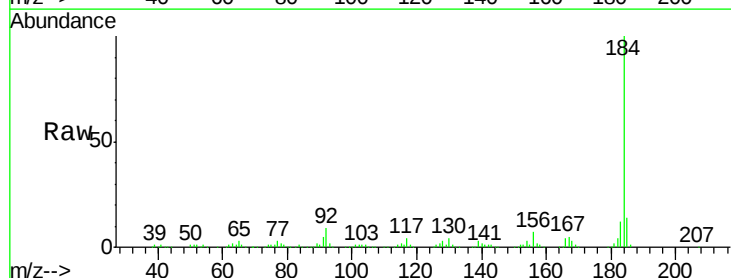
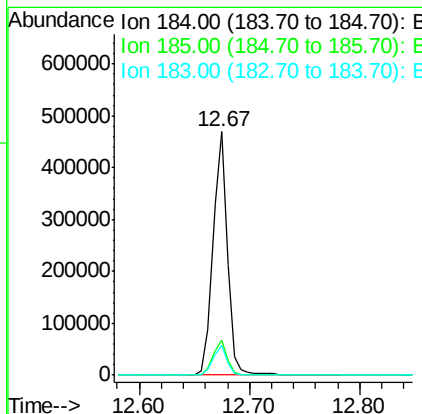
RT: 12.67 min Scan# 1800

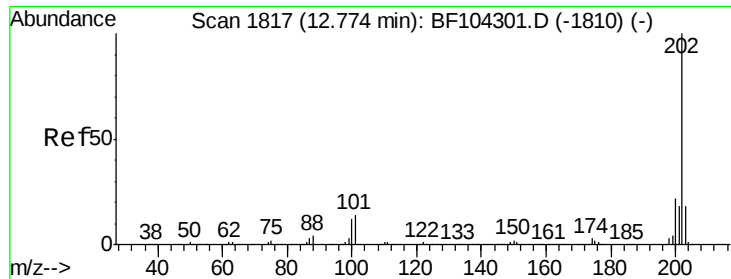
Delta R.T. -0.00 min

Lab File: BF104608.D

Acq: 18 Apr 2018 18:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 418484 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.1  | 12.6  | 18.8   |
| 183       | 12.2  | 9.3   | 13.9   |





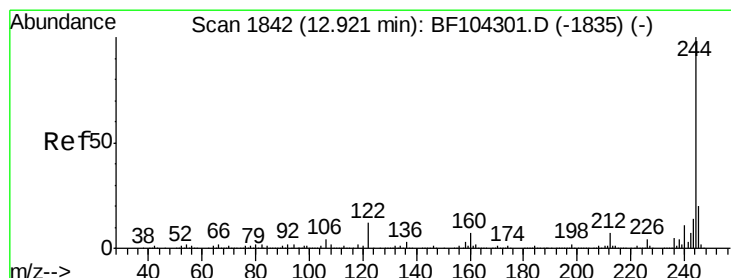
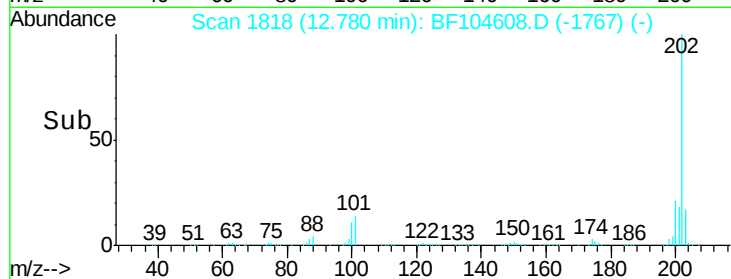
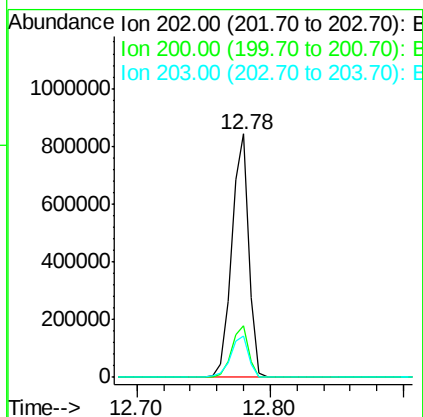
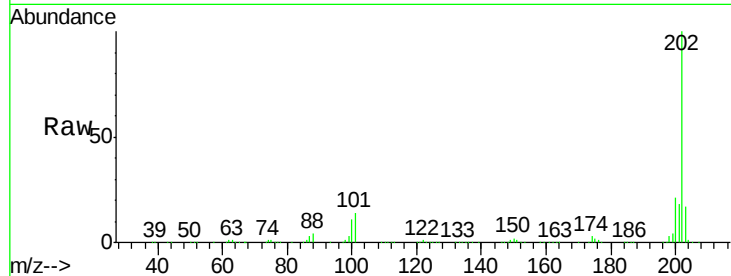
#77  
Pvrene  
Concen: 42.873 ng  
RT: 12.78 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.4  | 17.4       | 26.2  |
| 203     | 17.3  | 14.3       | 21.5  |

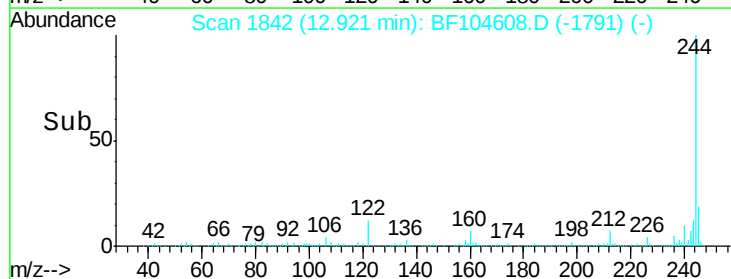
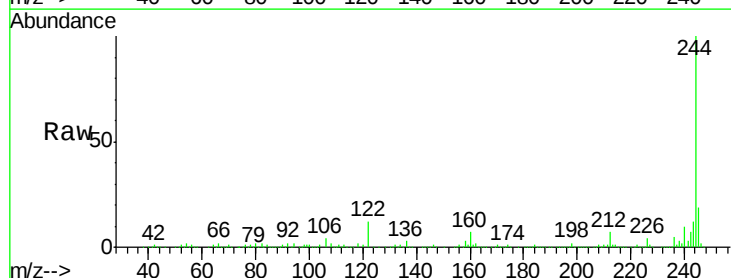
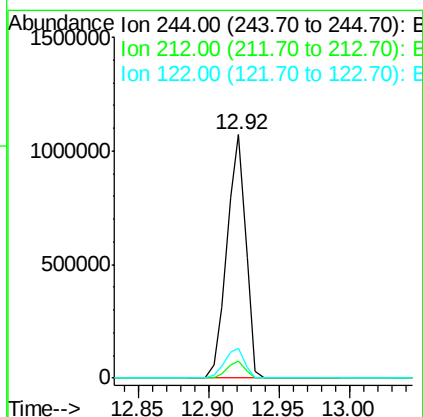
Manual Integrations  
APPROVED

Sohil  
4/19/2018 12:43:17 PM



#78  
Terphenyl-d14  
Concen: 95.611 ng  
RT: 12.92 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 6.8   | 5.4        | 8.0   |
| 122     | 12.4  | 11.0       | 16.4  |





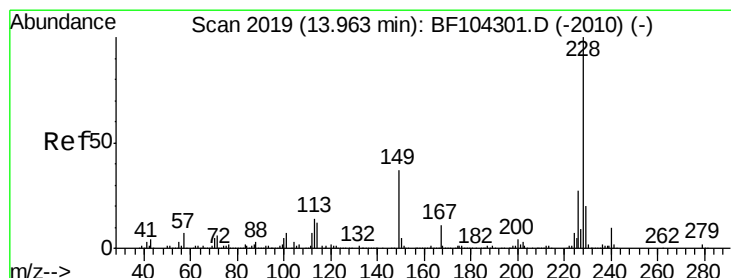
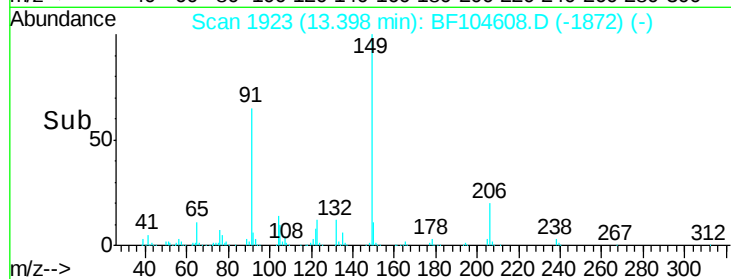
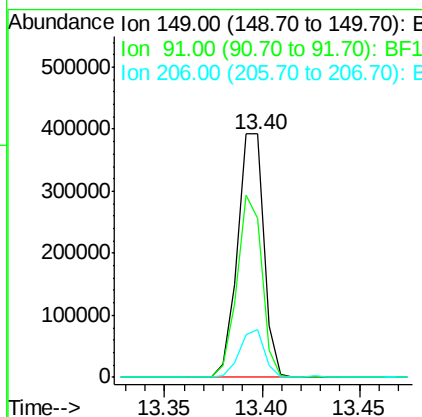
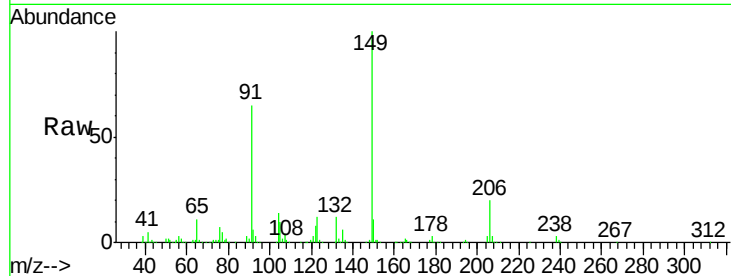
#79  
Butylbenzylphthalate  
Concen: 44.513 ng  
RT: 13.40 min Scan# 1923  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleID :  
PB108327BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.4  | 56.8  | 85.2  |
| 206     | 19.8  | 14.1  | 21.1  |

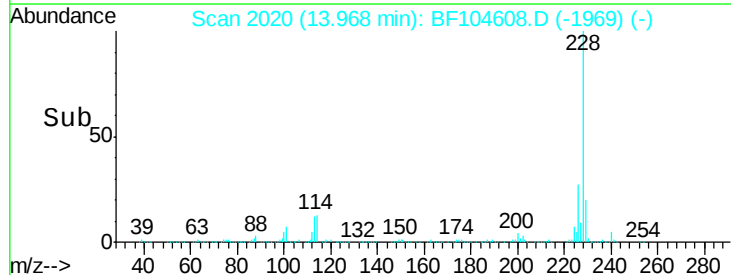
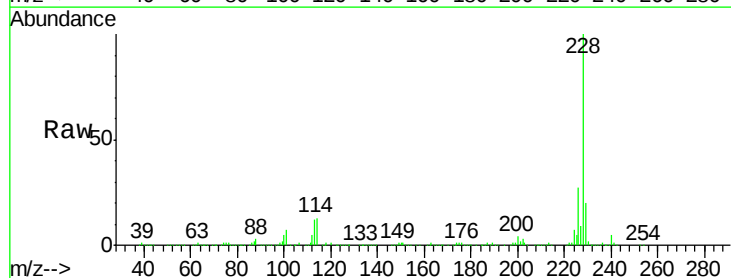
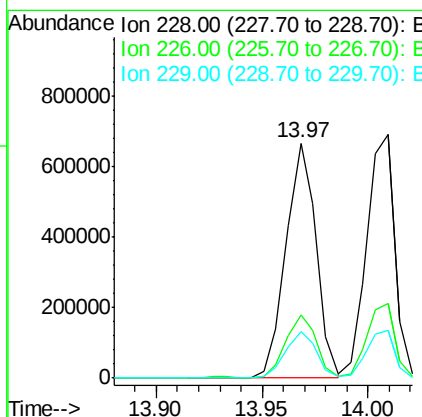
Manual Integrations  
APPROVED

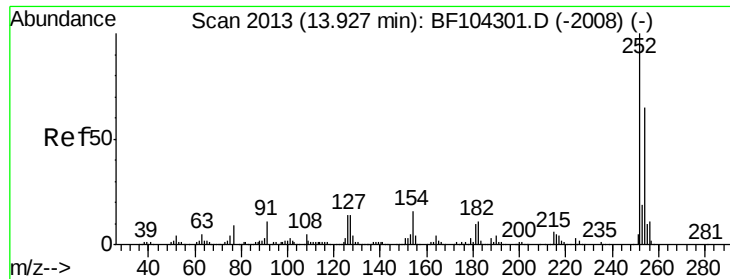
Sohil  
4/19/2018 12:43:17 PM



#80  
Benzo(a)anthracene  
Concen: 46.948 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.1  | 22.6  | 33.8  |
| 229     | 19.6  | 15.8  | 23.6  |





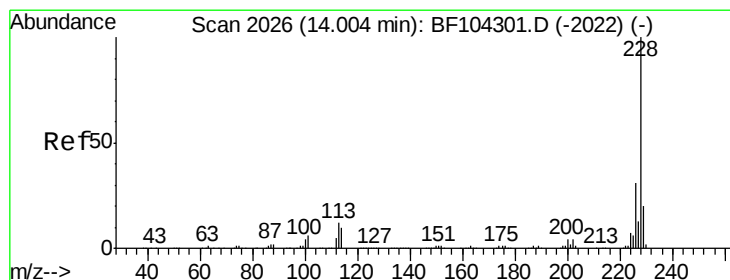
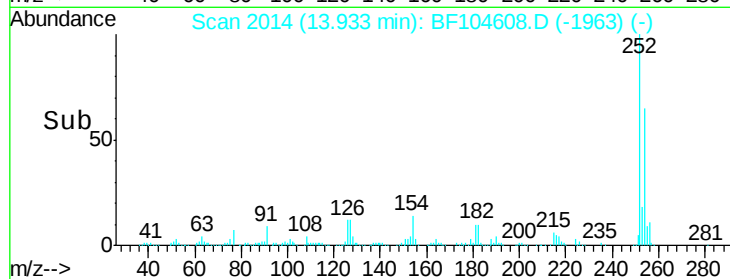
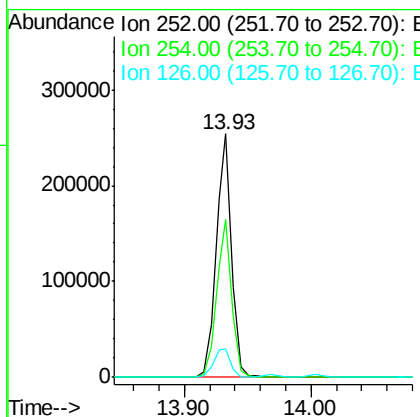
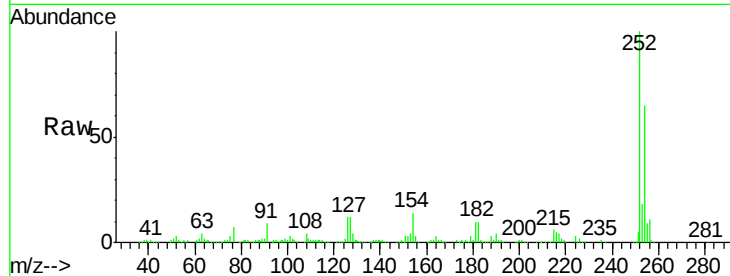
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.847 ng  
 RT: 13.93 min Scan# 2014  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108327BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 216189 |       |       |
| 254     | 64.6  | 50.4   | 75.6  |       |
| 126     | 11.7  | 11.3   | 16.9  |       |

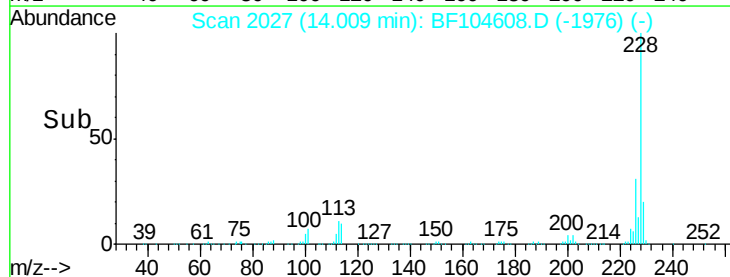
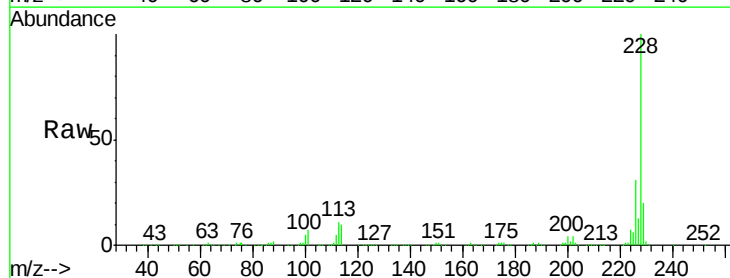
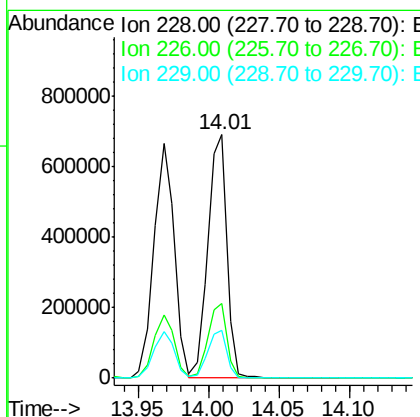
Manual Integrations  
 APPROVED

Sohil  
 4/19/2018 12:43:17 PM



#82  
 Chrysene  
 Concen: 44.143 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 643628 |       |       |
| 226     | 30.8  | 25.0   | 37.6  |       |
| 229     | 19.7  | 16.2   | 24.4  |       |





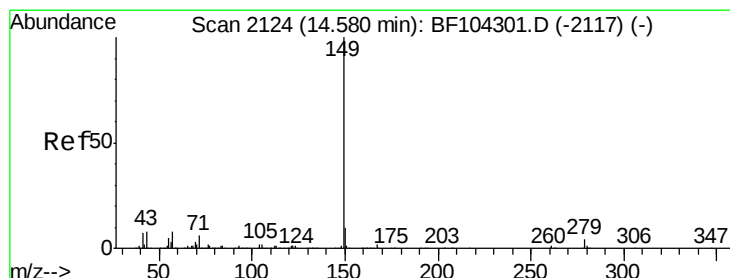
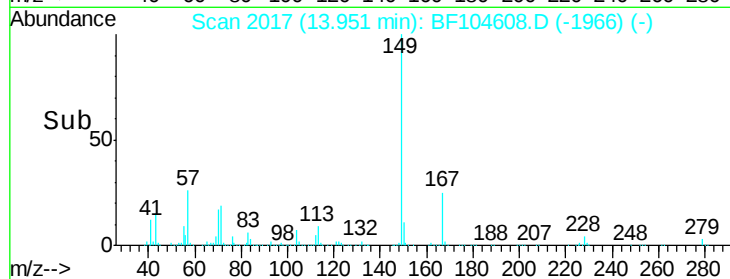
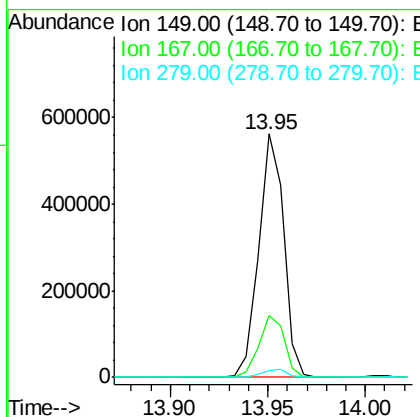
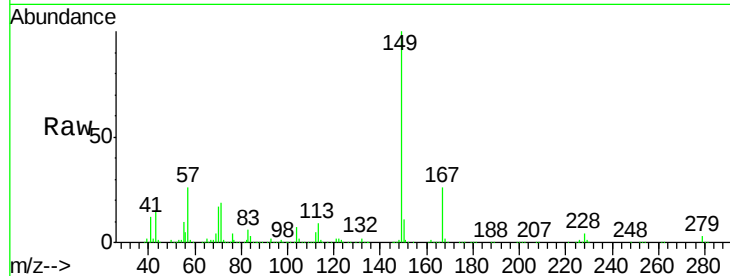
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.703 ng  
 RT: 13.95 min Scan# 2017  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108327BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 498444 |       |       |
| 167     | 25.5  | 21.3   | 31.9  |       |
| 279     | 3.0   | 3.0    | 4.4#  |       |

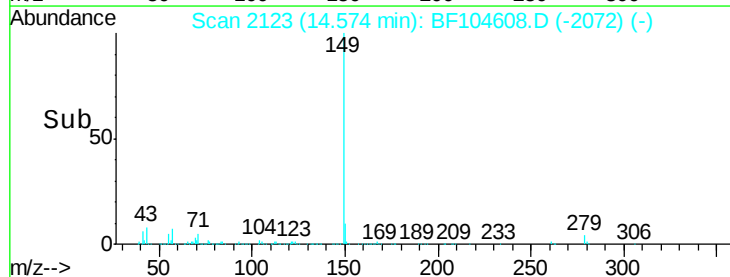
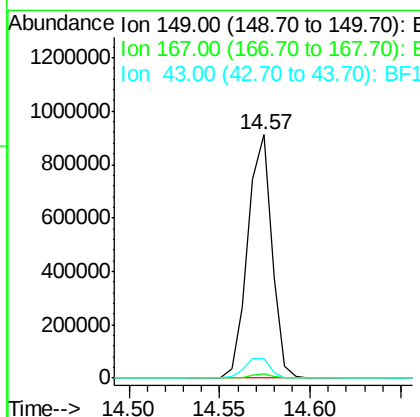
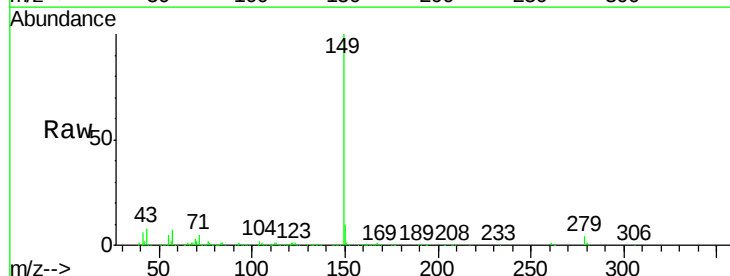
Manual Integrations  
 APPROVED

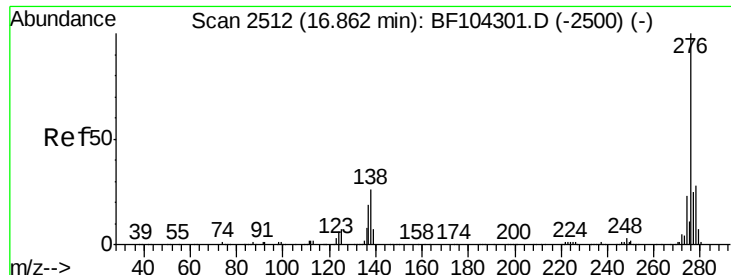
Sohil  
 4/19/2018 12:43:17 PM



#84  
 Di-n-octyl phthalate  
 Concen: 47.345 ng  
 RT: 14.57 min Scan# 2123  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 844298 |       |       |
| 167     | 1.5   | 1.2    | 1.8   |       |
| 43      | 8.6   | 8.4    | 12.6  |       |





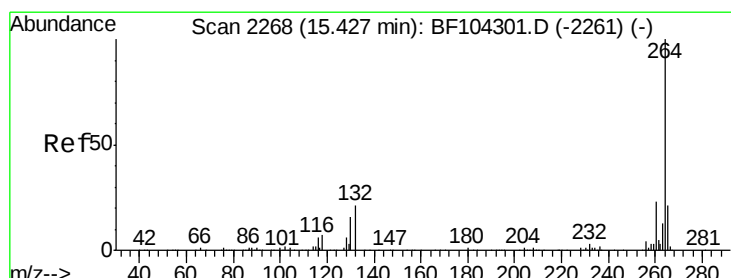
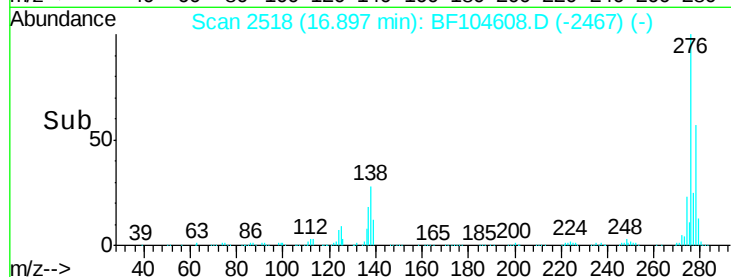
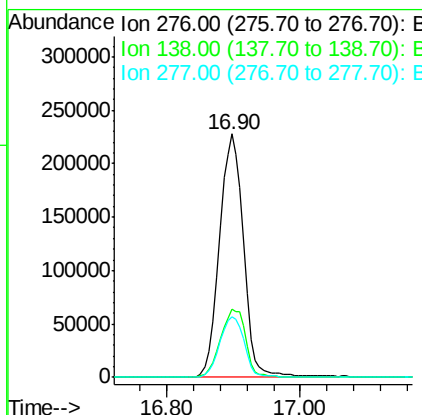
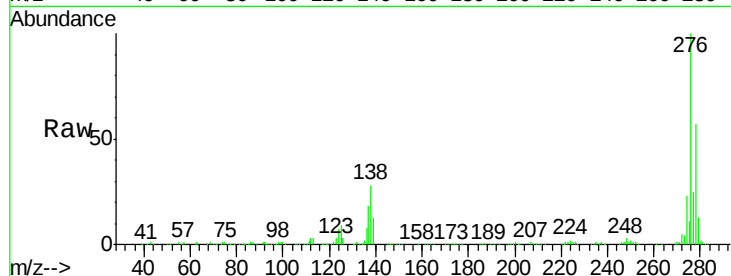
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.104 ng  
 RT: 16.90 min Scan# 2518  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108327BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.3  | 25.0  | 37.6  |
| 277     | 25.5  | 20.1  | 30.1  |

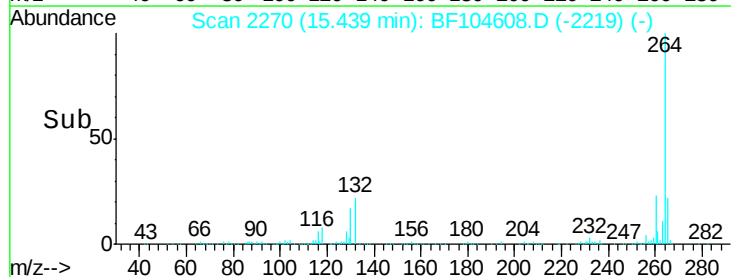
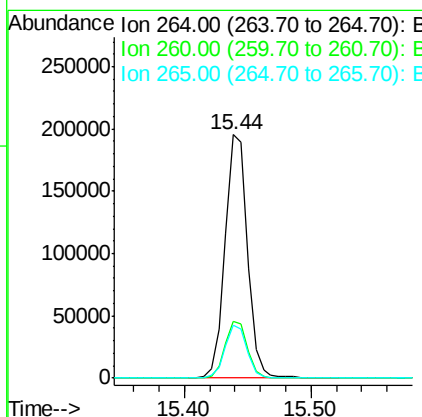
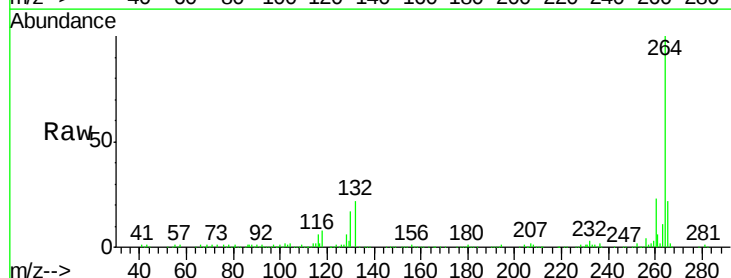
Manual Integrations  
 APPROVED

Sohil  
 4/19/2018 12:43:17 PM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.44 min Scan# 2270  
 Delta R.T. -0.00 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 19.2  | 28.8  |
| 265     | 21.7  | 17.5  | 26.3  |





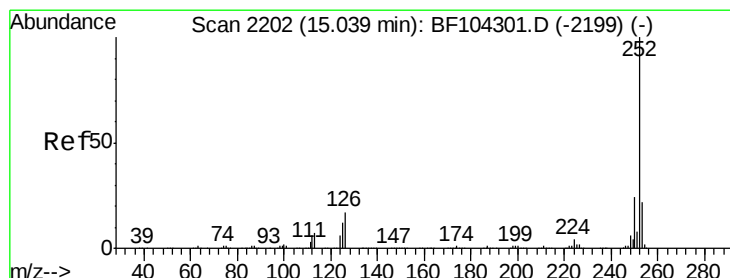
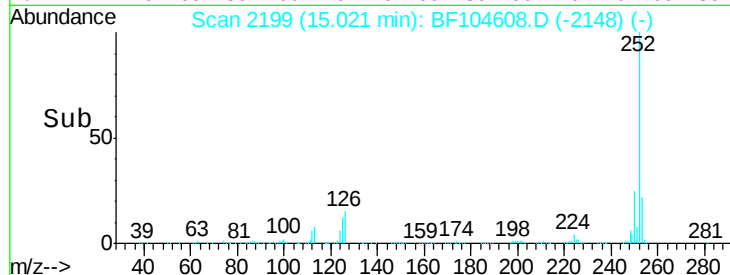
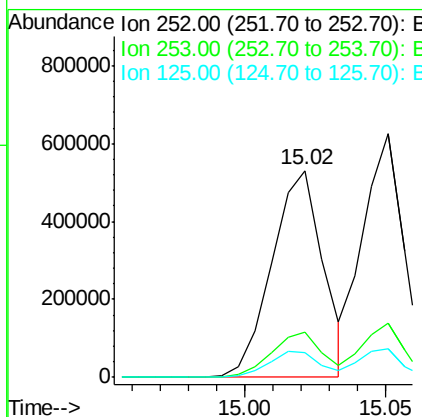
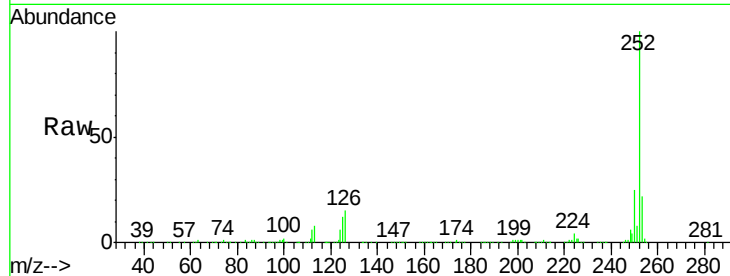
#87  
Benzo(b)fluoranthene  
Concen: 44.314 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.0  | 25.6  |
| 125     | 11.7  | 9.0   | 13.6  |

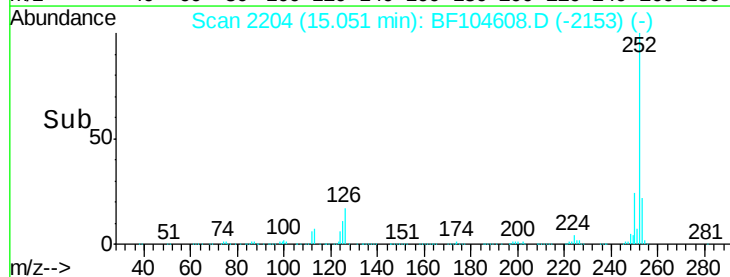
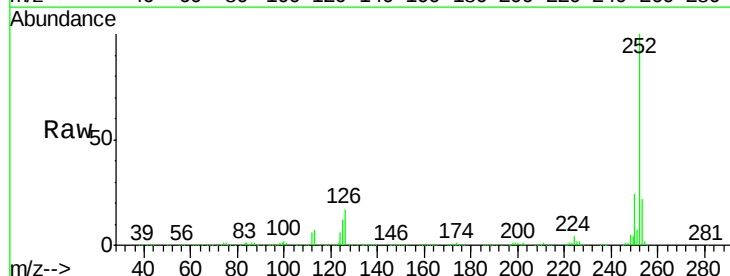
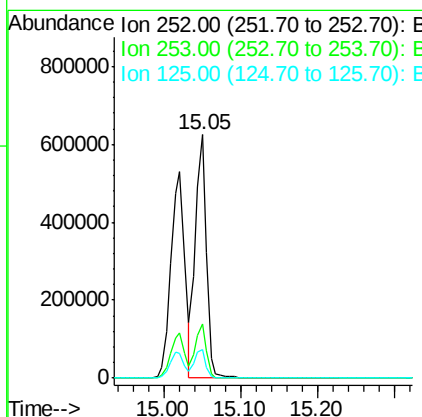
Manual Integrations  
APPROVED

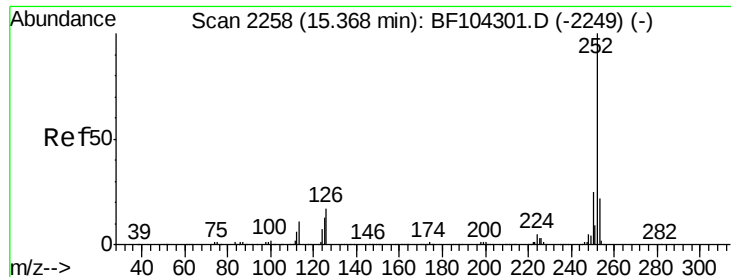
Sohil  
4/19/2018 12:43:17 PM



#88  
Benzo(k)fluoranthene  
Concen: 44.443 ng  
RT: 15.05 min Scan# 2204  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.9  | 26.9  |
| 125     | 11.5  | 10.2  | 15.2  |





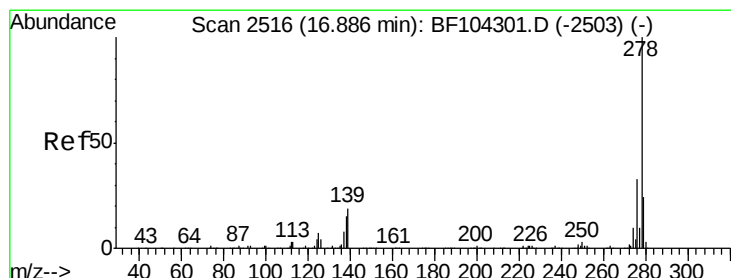
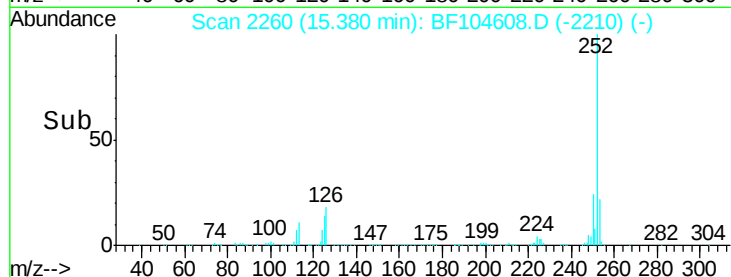
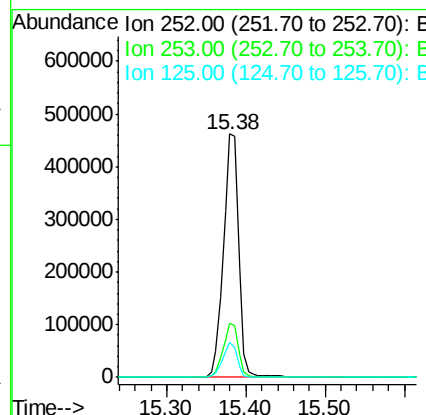
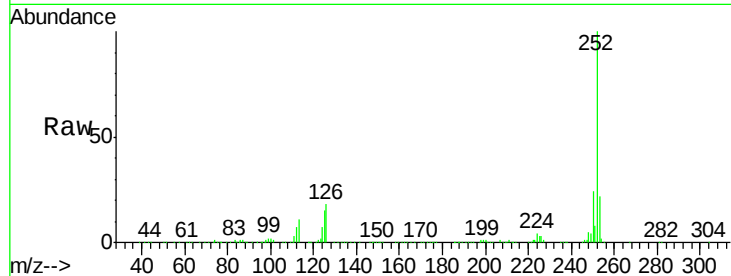
#89  
Benzo(a)pyrene  
Concen: 45.769 ng  
RT: 15.38 min Scan# 2260  
Delta R.T. -0.01 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB108327BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.1  | 25.7  |
| 125     | 14.5  | 9.8   | 14.6  |

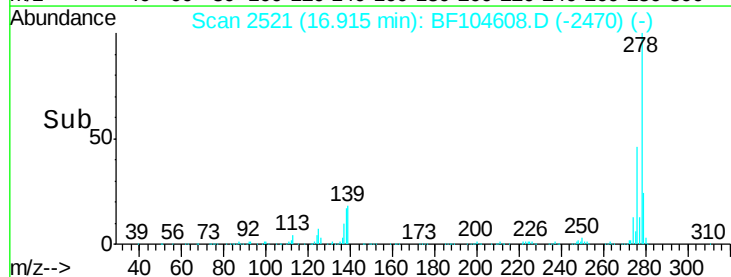
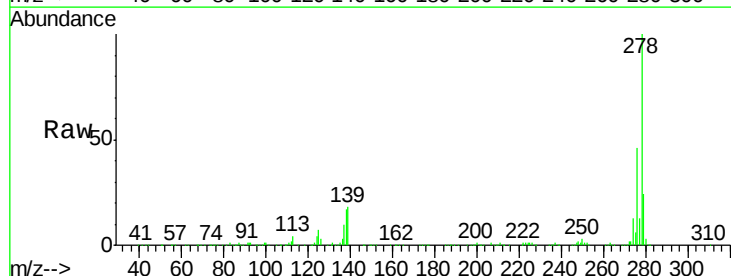
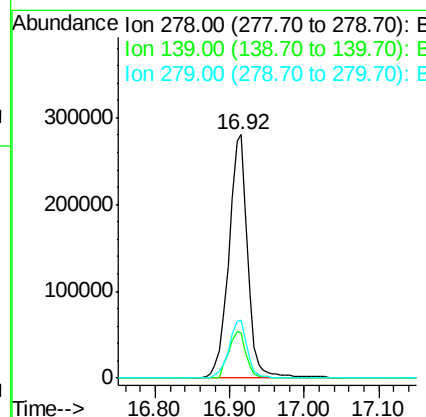
Manual Integrations  
APPROVED

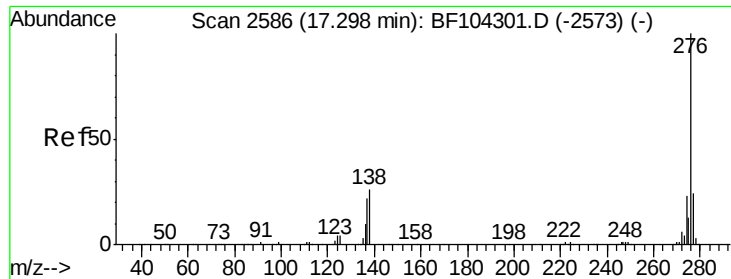
Sohil  
4/19/2018 12:43:17 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 44.914 ng  
RT: 16.92 min Scan# 2521  
Delta R.T. -0.00 min  
Lab File: BF104608.D  
Acq: 18 Apr 2018 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.4  | 15.9  | 23.9  |
| 279     | 23.7  | 19.0  | 28.4  |





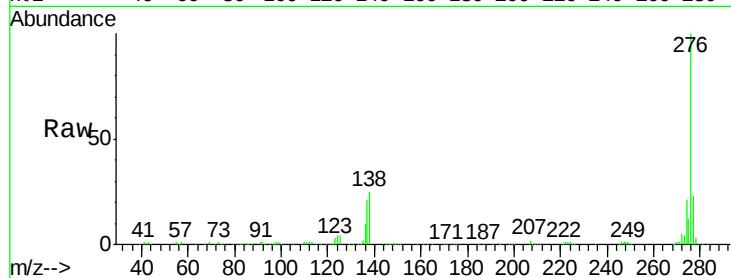
#91  
 Benzo(a,h,i)perylene  
 Concen: 42.748 ng  
 RT: 17.33 min Scan# 2592  
 Delta R.T. -0.01 min  
 Lab File: BF104608.D  
 Acq: 18 Apr 2018 18:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB108327BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.7  | 17.9  | 26.9  |
| 138     | 25.0  | 21.8  | 32.8  |

Manual Integrations  
 APPROVED

Sohil  
 4/19/2018 12:43:17 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

