

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\  
 Data File : BF106840.D  
 Acq On : 26 Jun 2018 23:51  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 6/27/2018 2:14:31 PM

Quant Time: Jun 27 04:09:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 25 18:50:17 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 42537    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.24  | 136  | 151392   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.00 | 164  | 67495    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.50 | 188  | 133168   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.15 | 240  | 131322   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.68 | 264  | 94636    | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 184612 | 73.49 | ng | 0.00 |
| 7) Phenol-d6             | 6.61  | 99  | 220095 | 70.16 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 204452 | 75.05 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 55702  | 71.20 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.32  | 172 | 365684 | 93.11 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.08 | 244 | 450729 | 83.14 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.78 | 88  | 45649  | 35.346 | ng | 97     |
| 3) Pyridine                    | 3.58 | 79  | 115381 | 32.942 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.54 | 42  | 48881  | 32.858 | ng | 86     |
| 6) Aniline                     | 6.63 | 93  | 149050 | 35.026 | ng | 100    |
| 8) 2-Chlorophenol              | 6.75 | 128 | 98856  | 35.879 | ng | 100    |
| 9) Benzaldehyde                | 6.52 | 77  | 73480  | 32.834 | ng | 95     |
| 10) Phenol                     | 6.62 | 94  | 122439 | 34.200 | ng | 77     |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 104632 | 35.402 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146 | 123424 | 38.247 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.98 | 146 | 125384 | 38.432 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.13 | 146 | 113113 | 37.831 | ng | 99     |
| 15) Benzyl Alcohol             | 7.10 | 79  | 86395  | 34.298 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45  | 125109 | 32.263 | ng | 61     |
| 17) 2-Methylphenol             | 7.22 | 107 | 86348  | 36.621 | ng | 95     |
| 18) Hexachloroethane           | 7.47 | 117 | 30950  | 26.976 | ng | # 81   |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 70601  | 34.142 | ng | 92     |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 98955  | 36.996 | ng | # 62   |
| 22) Acetophenone               | 7.37 | 105 | 137067 | 40.468 | ng | # 98   |
| 24) Nitrobenzene               | 7.55 | 77  | 101422 | 36.466 | ng | 97     |
| 25) Isophorone                 | 7.78 | 82  | 165360 | 34.447 | ng | 97     |
| 26) 2-Nitrophenol              | 7.86 | 139 | 33109  | 25.217 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.90 | 122 | 77344  | 38.112 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93  | 123346 | 38.269 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.11 | 162 | 76870  | 36.181 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.18 | 180 | 97998  | 41.870 | ng | 96     |
| 31) Naphthalene                | 8.27 | 128 | 275712 | 38.953 | ng | 99     |
| 32) Benzoic acid               | 7.97 | 122 | 12881m | 13.415 | ng |        |
| 33) 4-Chloroaniline            | 8.32 | 127 | 108183 | 36.426 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 67029  | 43.951 | ng | 98     |
| 35) Caprolactam                | 8.68 | 113 | 21338  | 30.810 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.81 | 107 | 75923  | 33.950 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.96 | 142 | 183377 | 39.087 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 96310  | 42.371 | ng | # 96   |
| 42) 2,4,6-Trichlorophenol      | 9.24 | 196 | 51296  | 33.950 | ng | 93     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\  
 Data File : BF106840.D  
 Acq On : 26 Jun 2018 23:51  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

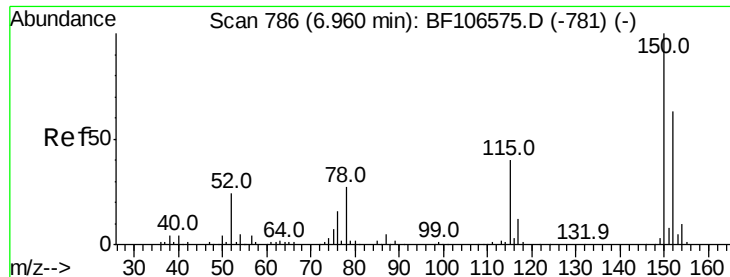
Sohil  
 6/27/2018 2:14:31 PM

Quant Time: Jun 27 04:09:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 25 18:50:17 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 43) 2,4,5-Trichlorophenol      | 9.29  | 196  | 51552m   | 32.698 | nq    |          |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 225726   | 41.964 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 157467   | 37.191 | nq    | 96       |
| 47) 2-Nitroaniline             | 9.55  | 65   | 48261    | 33.896 | nq    | 97       |
| 48) Acenaphthylene             | 9.87  | 152  | 246449   | 36.867 | nq    | 99       |
| 49) Dimethylphthalate          | 9.71  | 163  | 194967   | 38.514 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.78  | 165  | 38004    | 35.453 | nq    | 91       |
| 51) Acenaphthene               | 10.04 | 154  | 155559   | 36.955 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.96  | 138  | 46650    | 37.819 | nq    | 100      |
| 53) 2,4-Dinitrophenol          | 10.08 | 184  | 265      | 5.797  | nq    | # 14     |
| 54) Dibenzofuran               | 10.21 | 168  | 227388   | 39.449 | nq    | 97       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 17710    | 20.569 | nq    | 97       |
| 56) 2,4-Dinitrotoluene         | 10.19 | 165  | 45978    | 32.861 | nq    | # 91     |
| 57) Fluorene                   | 10.55 | 166  | 177575   | 38.823 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 39671    | 31.654 | nq    | # 77     |
| 59) Diethylphthalate           | 10.41 | 149  | 181032   | 37.052 | nq    | # 93     |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 95472    | 39.893 | nq    | 89       |
| 61) 4-Nitroaniline             | 10.58 | 138  | 48670    | 39.757 | nq    | 93       |
| 62) Azobenzene                 | 10.70 | 77   | 153921   | 31.991 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 2801     | 3.403  | nq    | 87       |
| 65) n-Nitrosodiphenylamine     | 10.66 | 169  | 159905   | 35.700 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.03 | 248  | 61978    | 38.997 | nq    | # 82     |
| 67) Hexachlorobenzene          | 11.10 | 284  | 65316    | 39.266 | nq    | # 85     |
| 68) Atrazine                   | 11.18 | 200  | 49850    | 35.009 | nq    | 96       |
| 69) Pentachlorophenol          | 11.30 | 266  | 11191    | 13.483 | nq    | 98       |
| 70) Phenanthrene               | 11.52 | 178  | 263626   | 41.044 | nq    | 99       |
| 71) Anthracene                 | 11.57 | 178  | 266612   | 40.667 | nq    | 99       |
| 72) Carbazole                  | 11.73 | 167  | 246770   | 40.204 | nq    | 98       |
| 73) Di-n-butylphthalate        | 12.04 | 149  | 277769   | 38.413 | nq    | 98       |
| 74) Fluoranthene               | 12.71 | 202  | 313563   | 44.292 | nq    | 96       |
| 76) Benzidine                  | 12.84 | 184  | 132333   | 35.383 | nq    | 98       |
| 77) Pyrene                     | 12.95 | 202  | 325379   | 37.574 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.55 | 149  | 129570   | 36.391 | nq    | # 90     |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 299707   | 37.446 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 14.09 | 252  | 105411   | 37.473 | nq    | # 95     |
| 82) Chrysene                   | 14.18 | 228  | 277380m  | 37.670 | nq    |          |
| 83) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 170679   | 37.496 | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 14.72 | 149  | 308804   | 41.619 | nq    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.27 | 276  | 198154   | 31.711 | nq    | # 89     |
| 87) Benzo(b)fluoranthene       | 15.23 | 252  | 223734   | 38.058 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 15.26 | 252  | 230204   | 41.120 | nq    | # 95     |
| 89) Benzo(a)pyrene             | 15.62 | 252  | 196456   | 37.592 | nq    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 17.28 | 278  | 167349   | 37.785 | nq    | # 93     |
| 91) Benzo(g,h,i)perylene       | 17.75 | 276  | 161278   | 37.255 | nq    | # 89     |
| -----                          |       |      |          |        |       |          |

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





#1

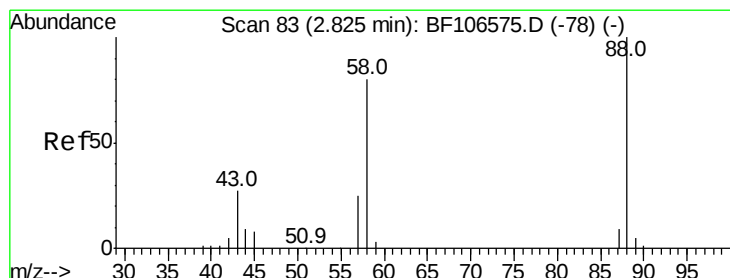
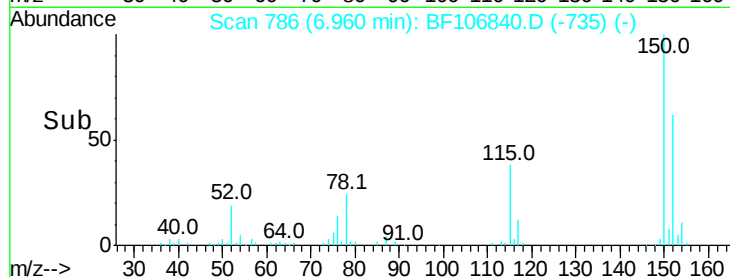
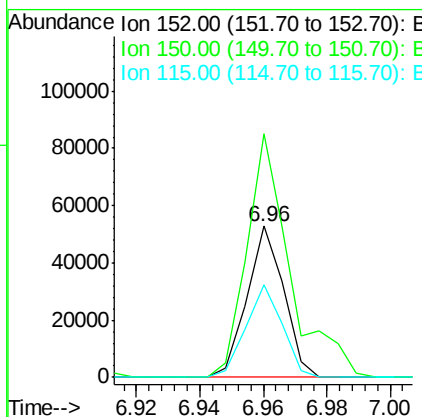
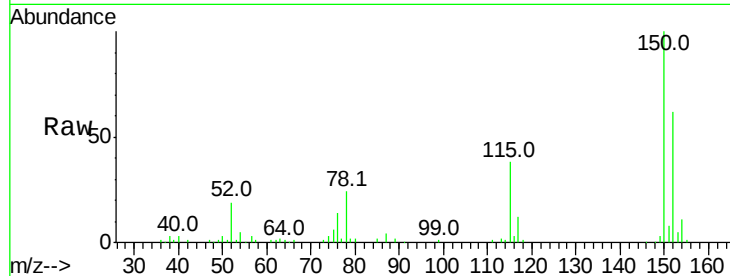
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.96 min Scan# 786  
 Delta R.T. -0.00 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.3 | 124.6 | 186.8 |
| 115     | 61.7  | 50.1  | 75.1  |

Manual Integrations  
 APPROVED

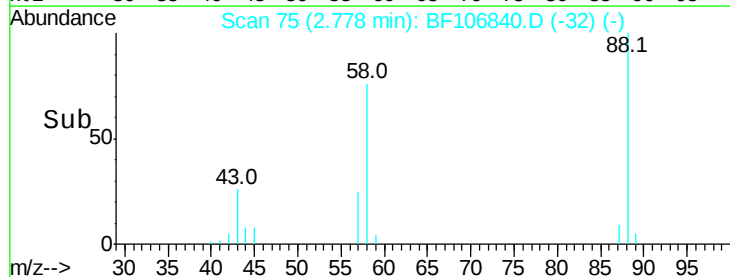
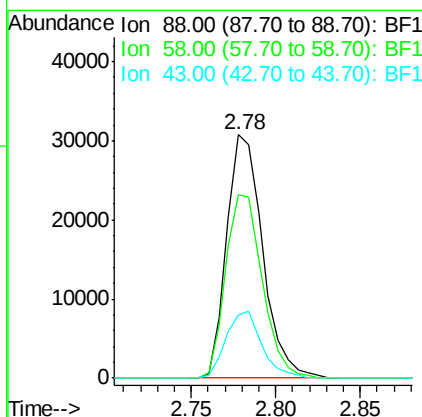
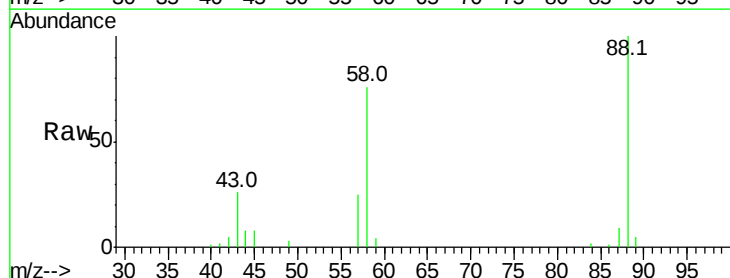
Sohil  
 6/27/2018 2:14:31 PM

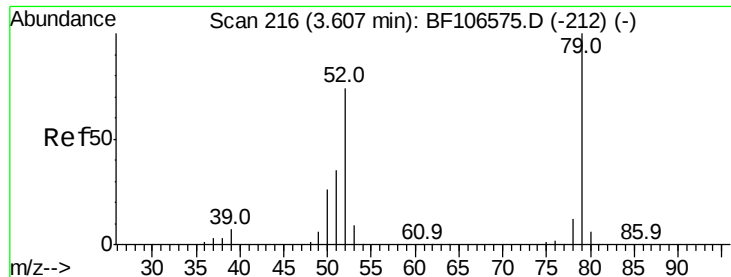


#2

1,4-Dioxane  
 Concen: 35.346 ng  
 RT: 2.78 min Scan# 75  
 Delta R.T. -0.05 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.7  | 62.6  | 93.8  |
| 43      | 27.1  | 24.6  | 37.0  |





#3

Pvridine

Concen: 32.942 ng

RT: 3.58 min Scan# 211

Delta R.T. -0.03 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Instrument :

BNA\_F

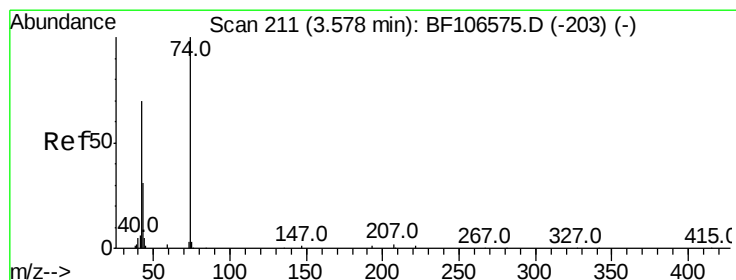
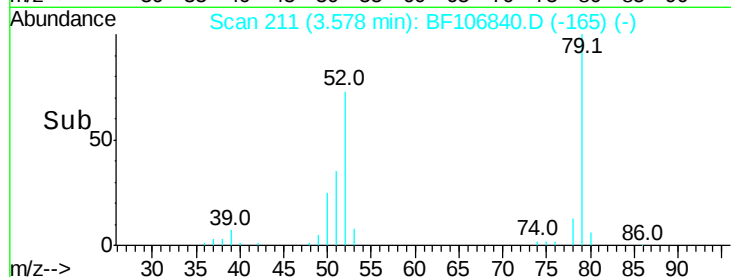
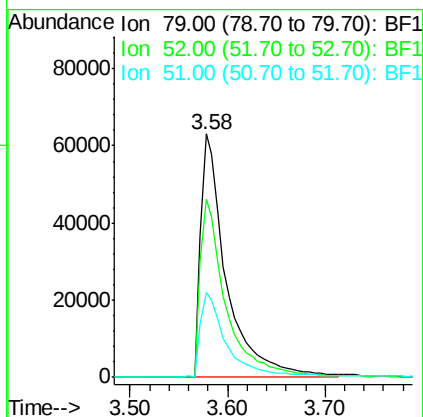
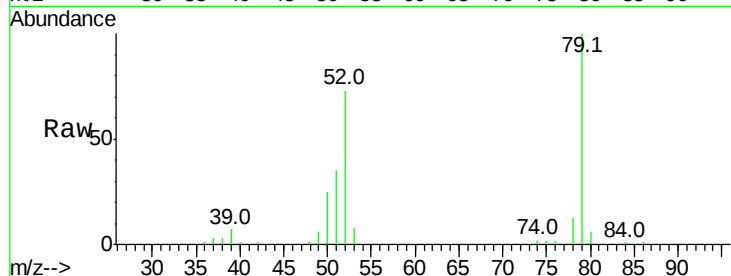
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 115381 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 73.0  | 59.8  | 89.6   |
| 51        | 35.0  | 29.8  | 44.8   |

Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



#4

n-Nitrosodimethylamine

Concen: 32.858 ng

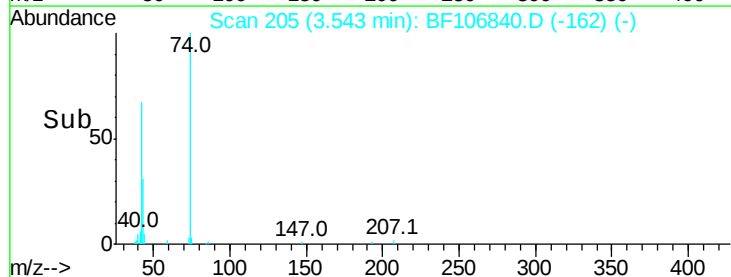
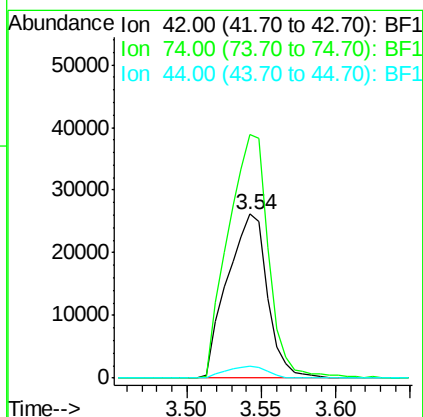
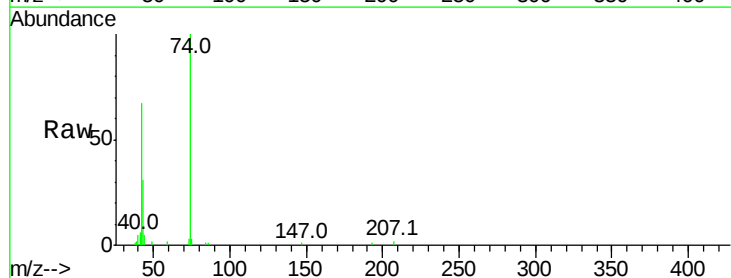
RT: 3.54 min Scan# 205

Delta R.T. -0.05 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 48881 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 148.7 | 104.9 | 157.3 |
| 44        | 7.4   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 73.491 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Instrument :

BNA\_F

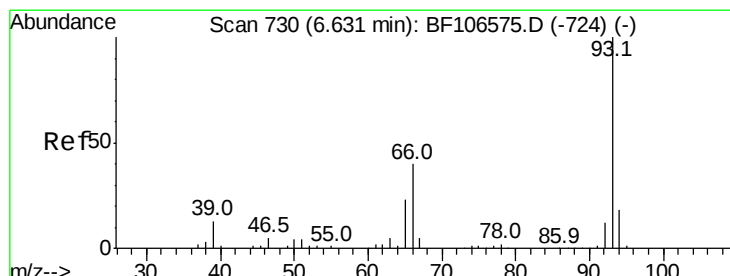
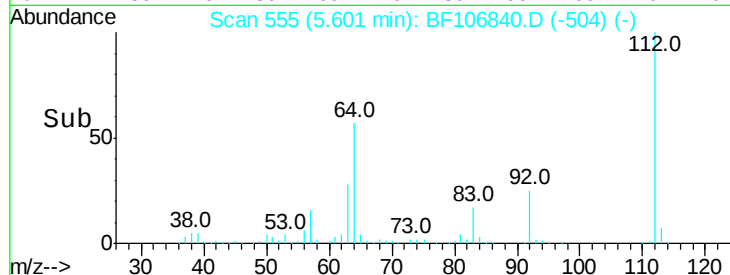
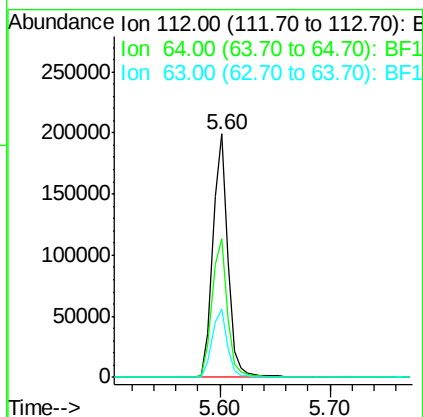
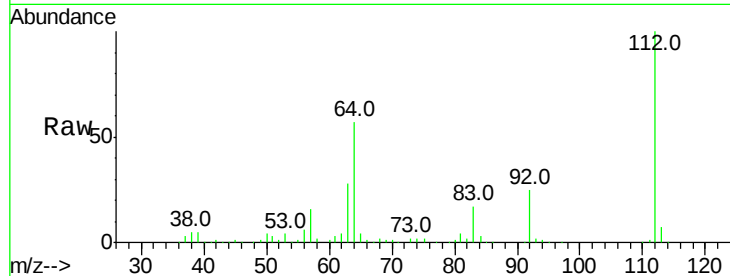
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 184612 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 57.1  | 47.9  | 71.9   |
| 63        | 28.2  | 23.7  | 35.5   |

Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



#6

Aniline

Concen: 35.026 ng

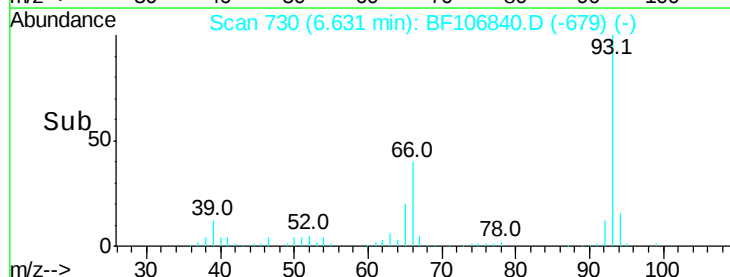
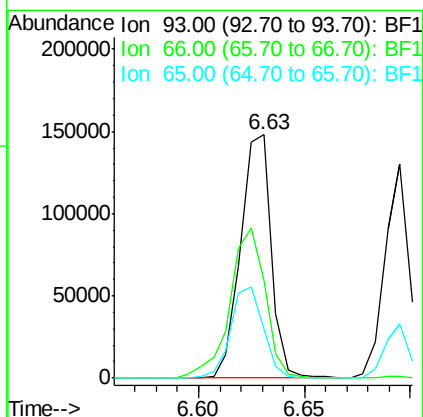
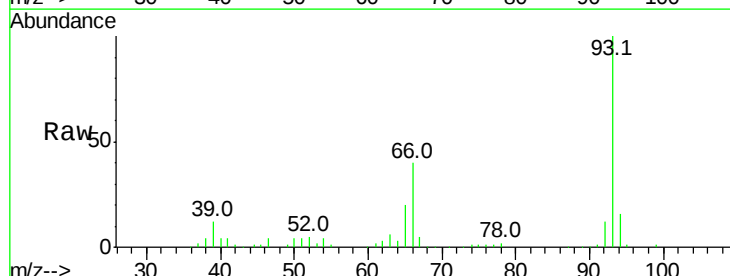
RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 149050 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 40.0  | 32.2  | 48.2   |
| 65        | 20.2  | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 70.160 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Instrument :

BNA\_F

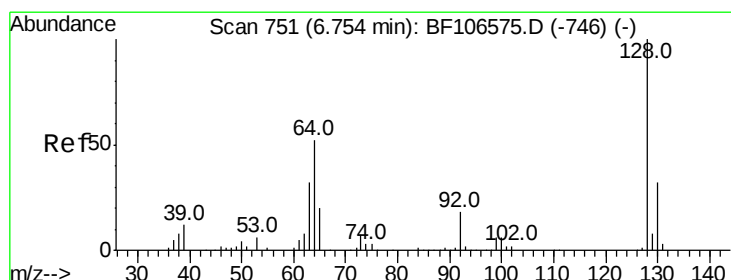
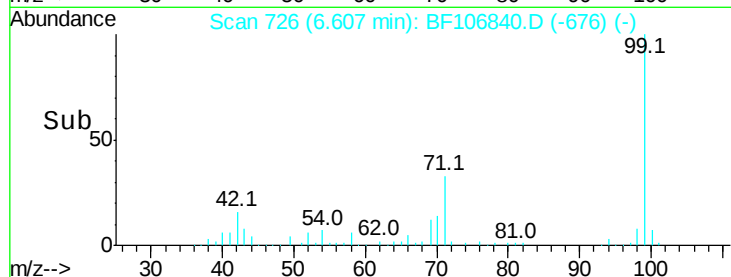
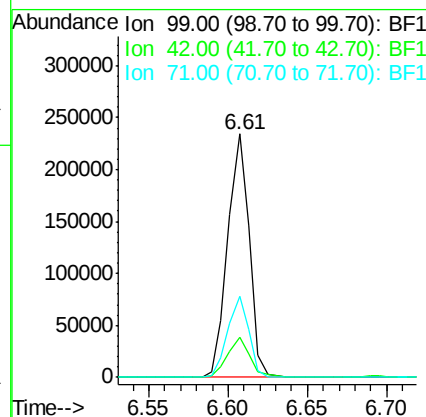
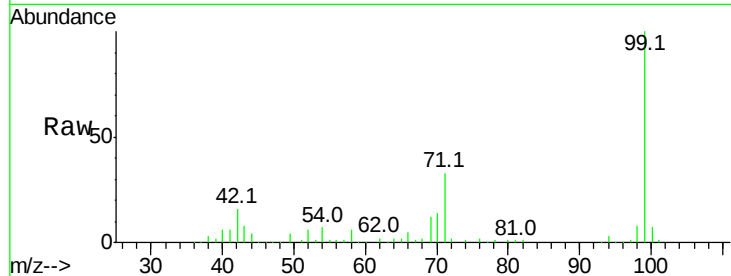
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 220095 |       |       |
| 42      | 16.4 | 14.5  | 21.7   |       |       |
| 71      | 33.4 | 25.4  | 38.0   |       |       |

Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



#8

2-Chlorophenol

Concen: 35.879 ng

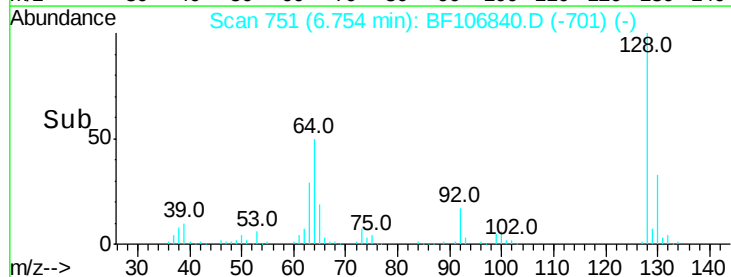
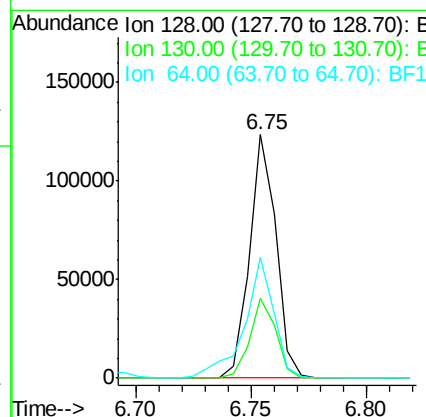
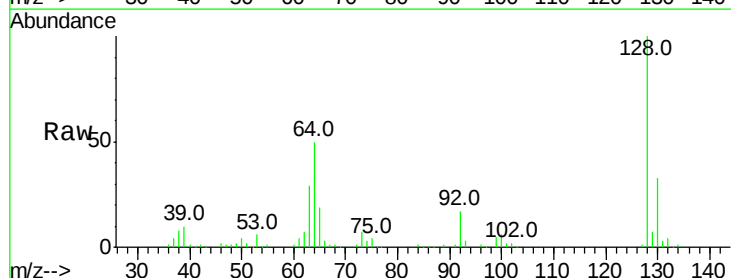
RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 128     | 100  |       | 98856 |       |       |
| 130     | 32.9 | 13.0  | 53.0  |       |       |
| 64      | 49.8 | 29.4  | 69.4  |       |       |





#9

Benzaldehyde

Concen: 32.834 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 73480

Ion Ratio Lower Upper

77 100

105 106.2 81.1 121.1

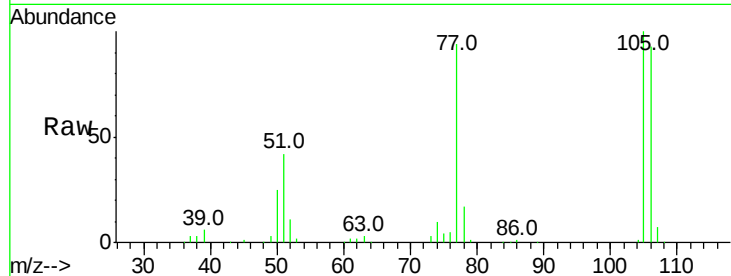
106 98.8 74.5 114.5

Manual Integrations

APPROVED

Sohil

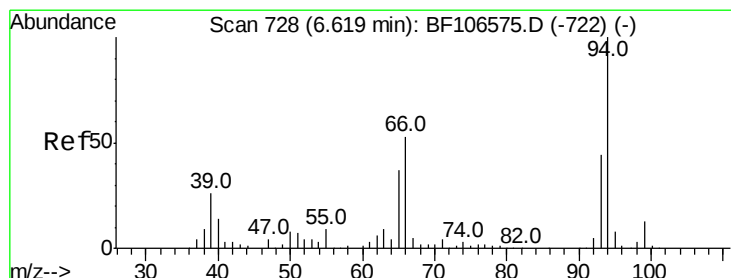
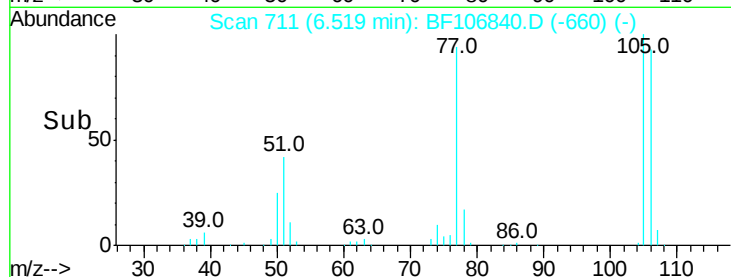
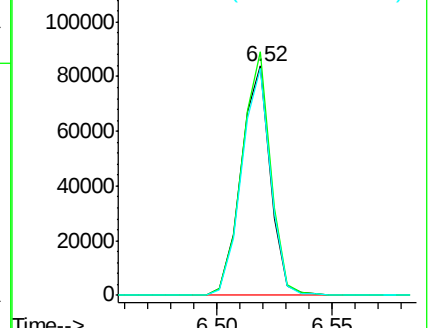
6/27/2018 2:14:31 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.200 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

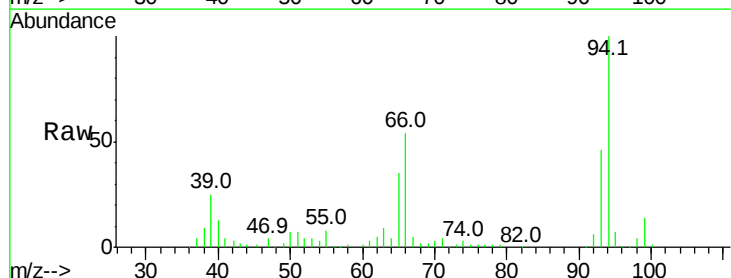
Tgt Ion: 94 Resp: 122439

Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

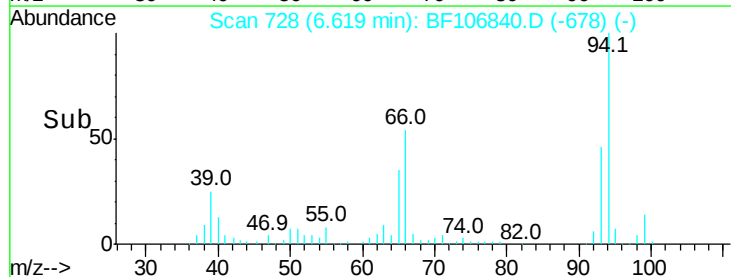
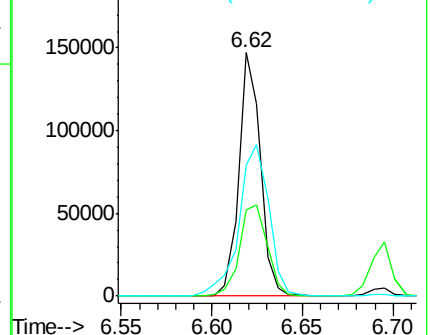
66 53.6 16.2 56.2

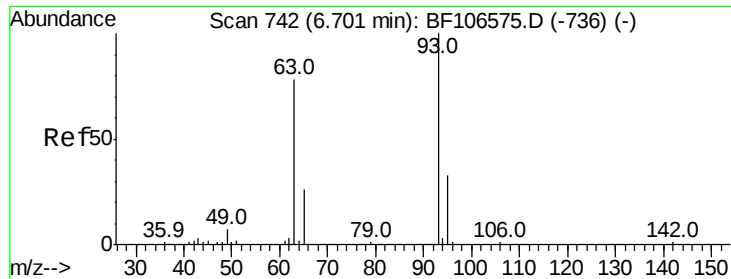


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





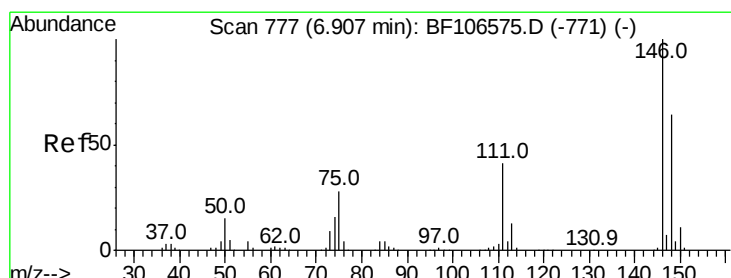
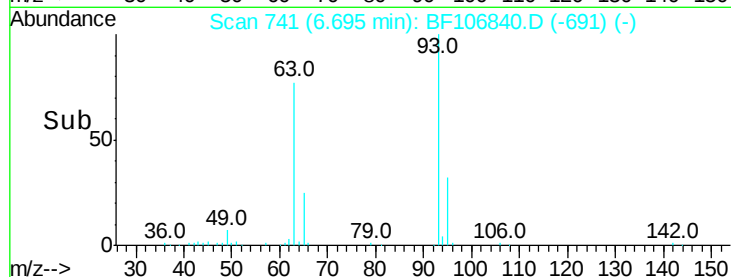
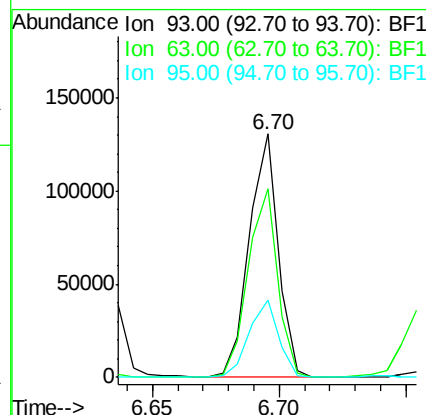
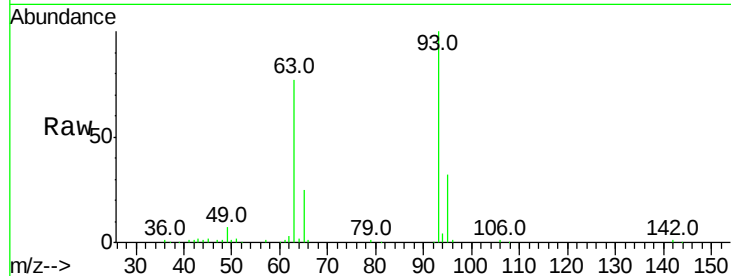
#11  
bis(2-Chloroethyl)ether  
Concen: 35.402 ng  
RT: 6.70 min Scan# 741  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 77.3  | 58.6  | 98.6  |
| 95      | 31.9  | 11.8  | 51.8  |

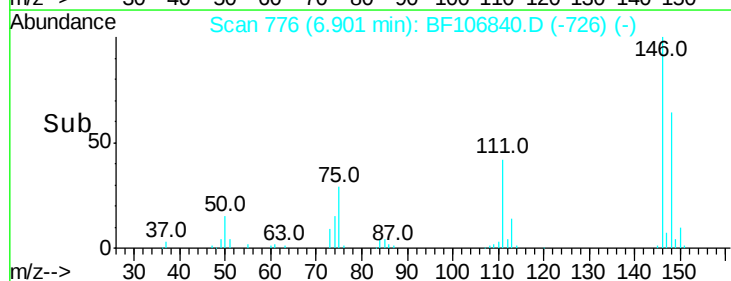
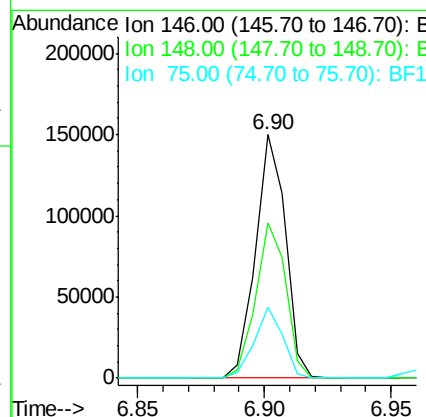
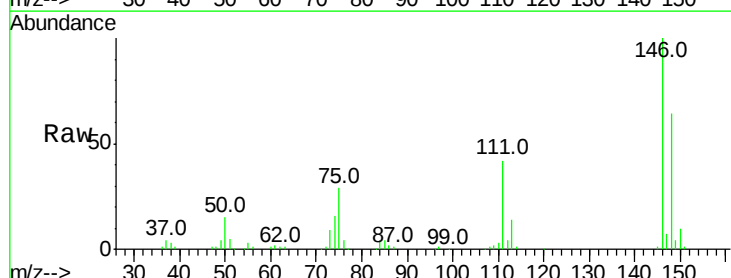
Manual Integrations  
APPROVED

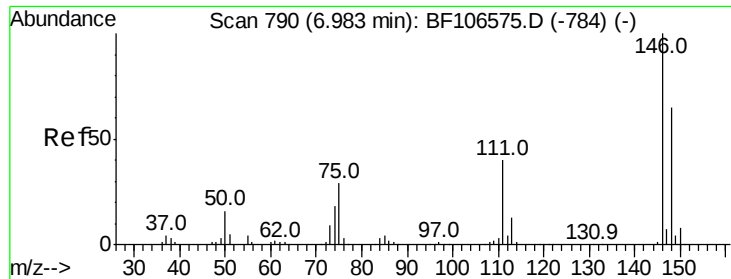
Sohil  
6/27/2018 2:14:31 PM



#12  
1,3-Dichlorobenzene  
Concen: 38.247 ng  
RT: 6.90 min Scan# 776  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 51.8  | 77.8  |
| 75      | 29.3  | 24.2  | 36.4  |





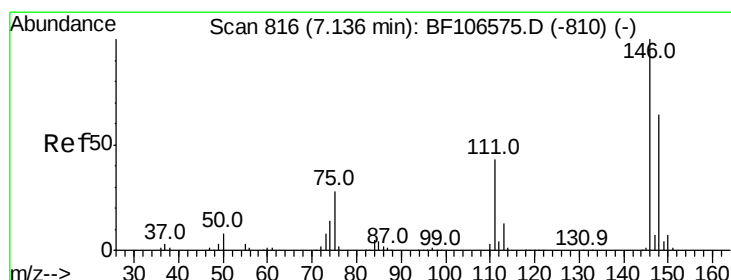
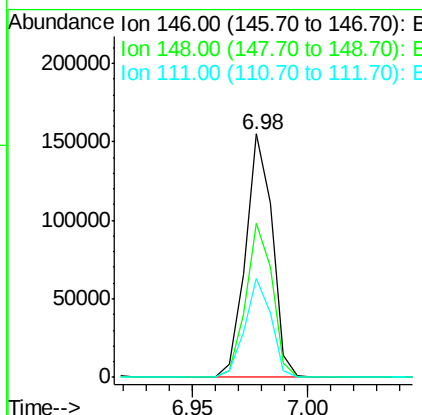
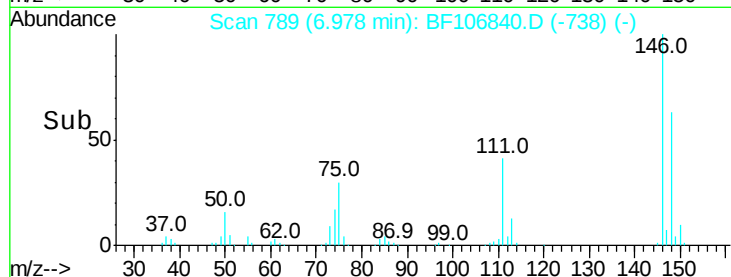
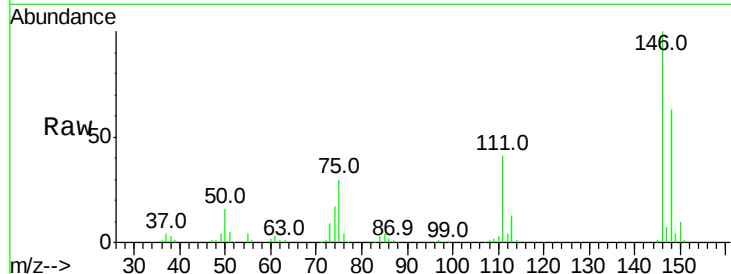
#13  
 1,4-Dichlorobenzene  
 Concen: 38.432 ng  
 RT: 6.98 min Scan# 789  
 Delta R.T. -0.00 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 50.8  | 76.2  |
| 111     | 40.9  | 34.2  | 51.2  |

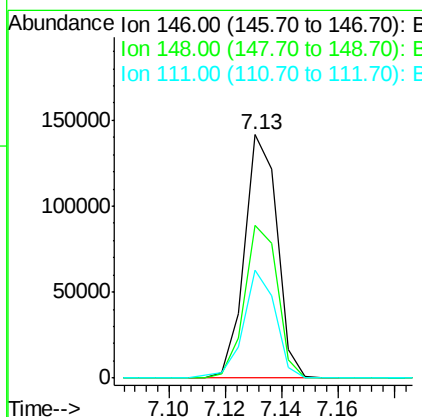
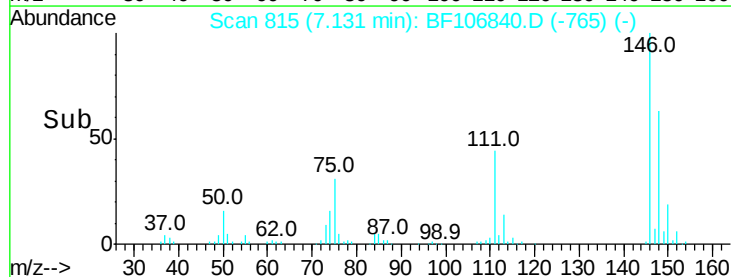
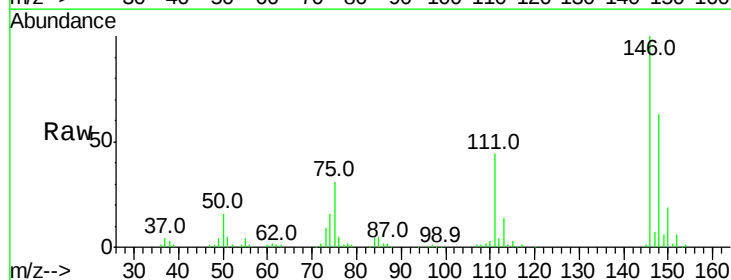
Manual Integrations  
 APPROVED

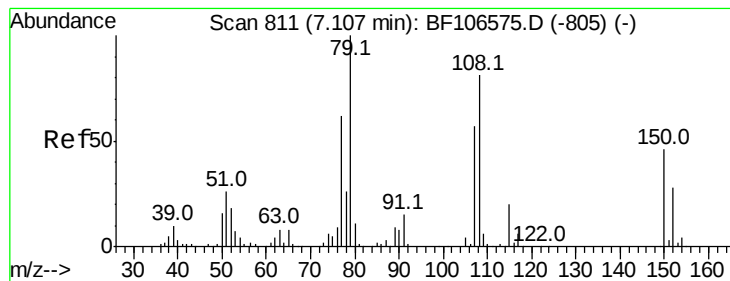
Sohil  
 6/27/2018 2:14:31 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 37.831 ng  
 RT: 7.13 min Scan# 815  
 Delta R.T. -0.01 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.9  | 50.6  | 75.8  |
| 111     | 44.1  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 34.298 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Instrument :

BNA\_F

ClientSampled :

SSTDCCC040

Tot Ion: 79 Resp: 86395

Ion Ratio Lower Upper

79 100

108 79.5 65.1 97.7

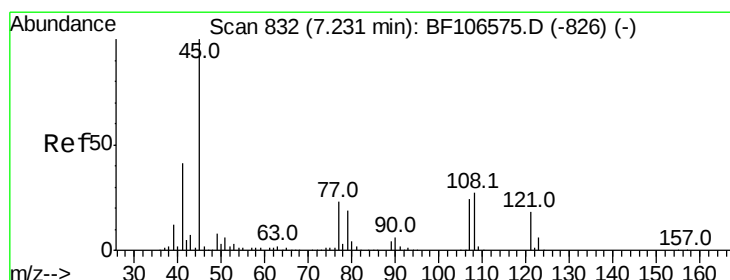
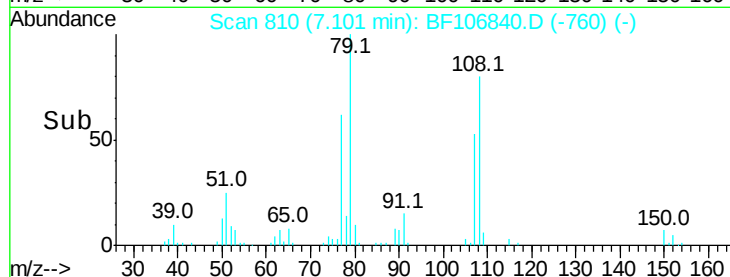
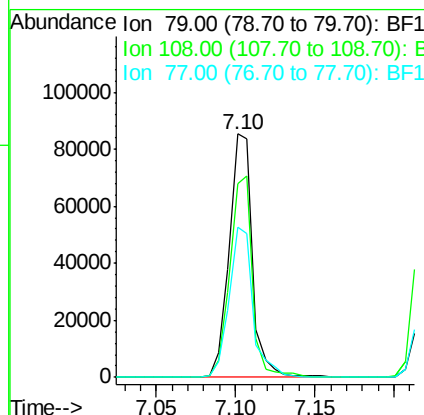
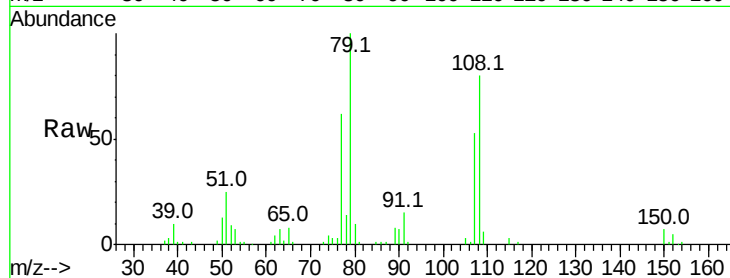
77 61.5 50.6 75.8

Manual Integrations

APPROVED

Sohil

6/27/2018 2:14:31 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.263 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

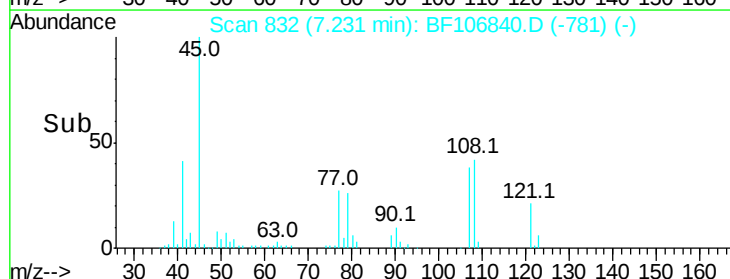
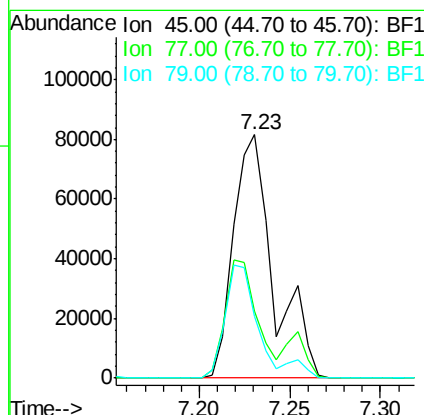
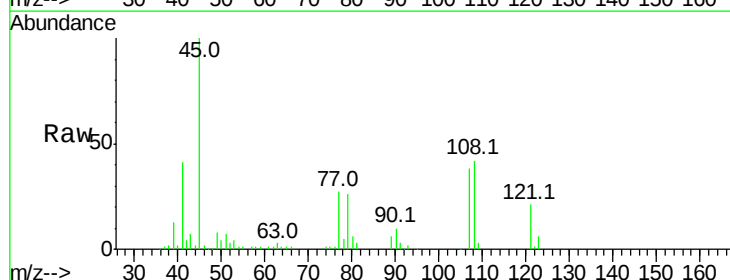
Tgt Ion: 45 Resp: 125109

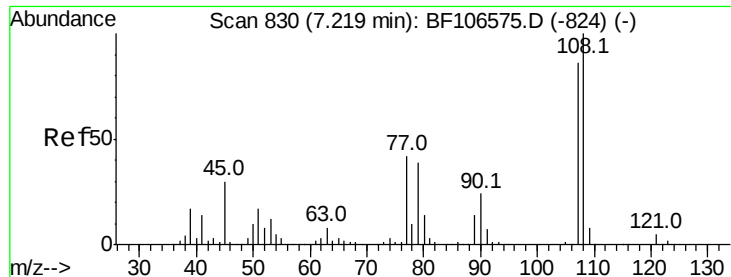
Ion Ratio Lower Upper

45 100

77 27.3 0.0 32.9

79 25.5 0.0 29.6





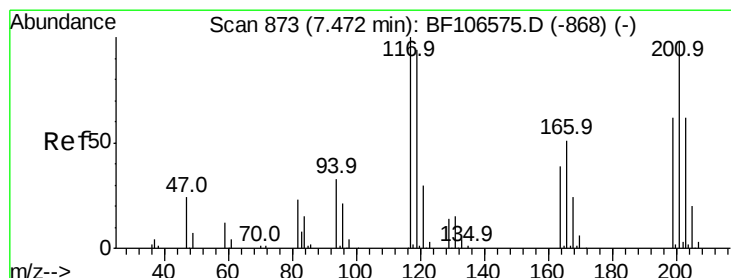
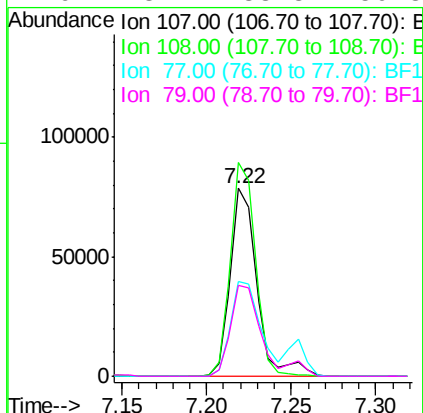
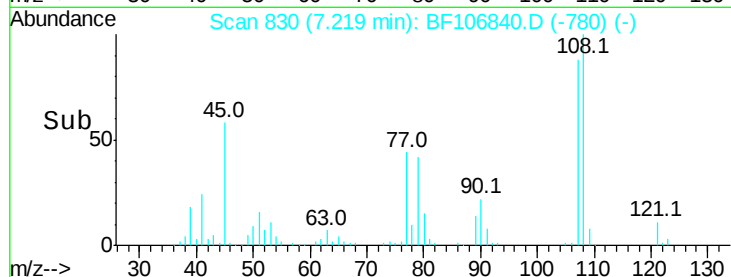
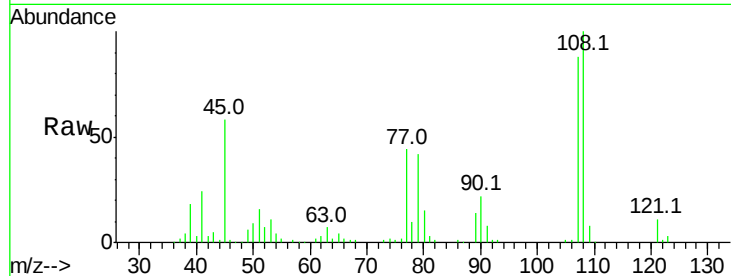
#17  
2-Methylphenol  
Concen: 36.621 ng  
RT: 7.22 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.7 | 91.7  | 137.5 |
| 77      | 50.5  | 33.8  | 50.8  |
| 79      | 48.1  | 33.8  | 50.8  |

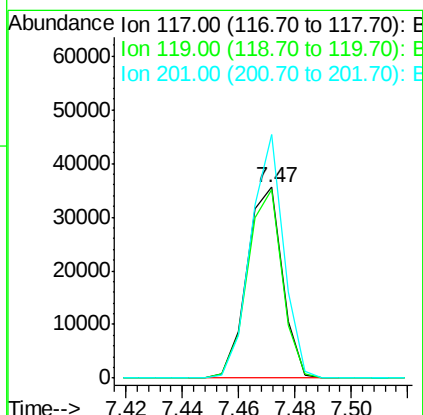
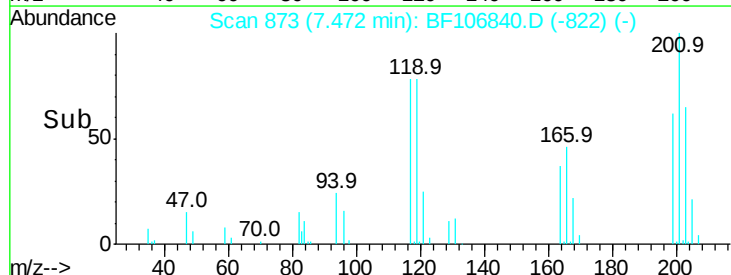
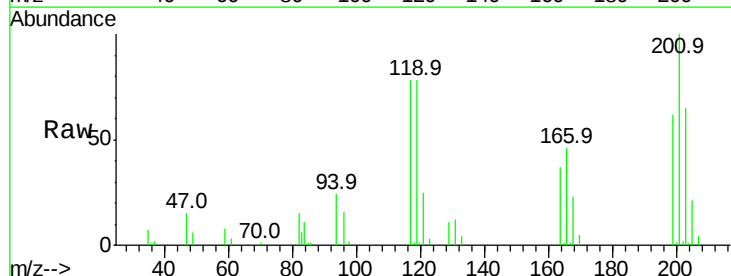
Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



#18  
Hexachloroethane  
Concen: 26.976 ng  
RT: 7.47 min Scan# 873  
Delta R.T. -0.00 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 99.1  | 75.8  | 113.8  |
| 201     | 127.6 | 75.7  | 113.5# |





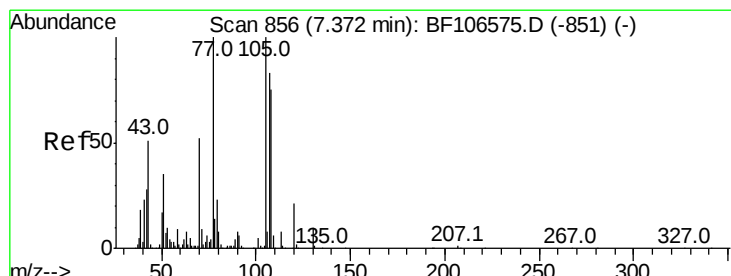
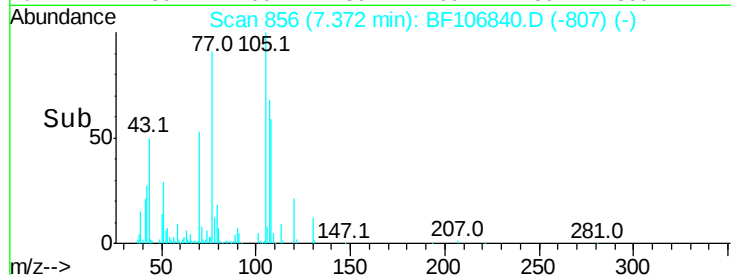
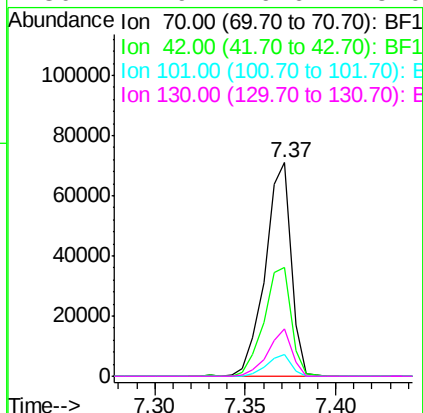
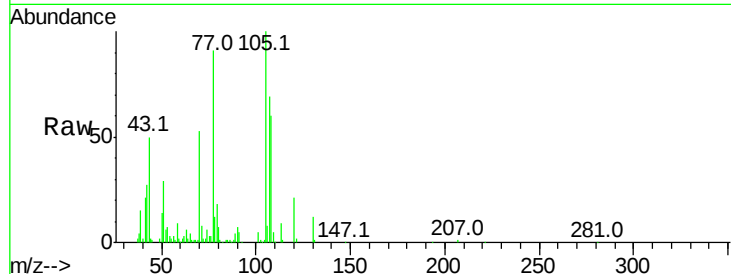
#19  
n-Nitroso-di-n-propylamine  
Concen: 34.142 ng  
RT: 7.37 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | 70    | Resp: | 70601 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 70      | 100   |       |       |
| 42      | 50.7  | 47.5  | 71.3  |
| 101     | 10.2  | 7.4   | 11.2  |
| 130     | 21.9  | 16.6  | 25.0  |

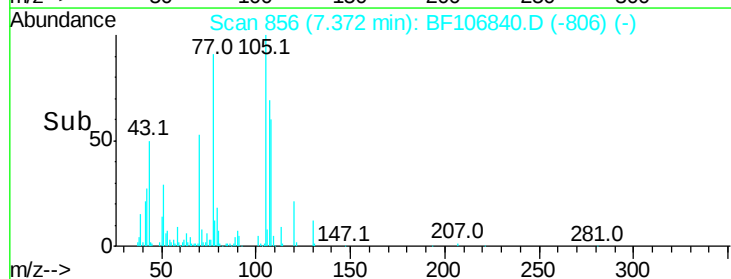
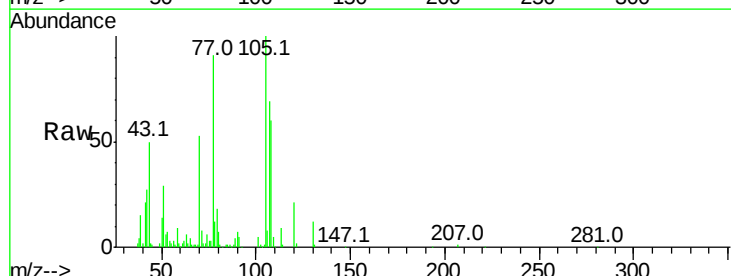
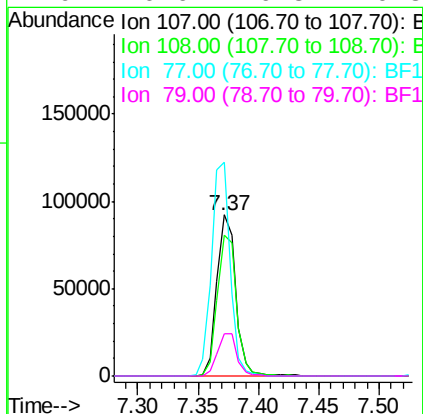
Manual Integrations  
APPROVED

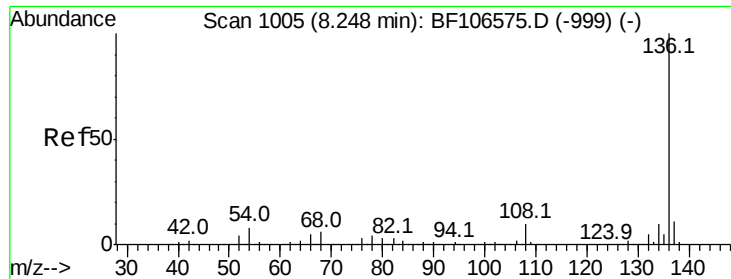
Sohil  
6/27/2018 2:14:31 PM



#20  
3+4-Methylphenols  
Concen: 36.996 ng  
RT: 7.37 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | 107   | Resp: | 98955 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 107     | 100   |       |       |
| 108     | 87.3  | 68.2  | 108.2 |
| 77      | 132.7 | 26.7  | 66.7# |
| 79      | 26.6  | 6.3   | 46.3  |





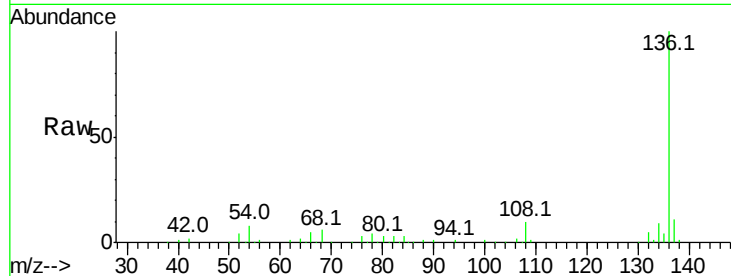
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.24 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

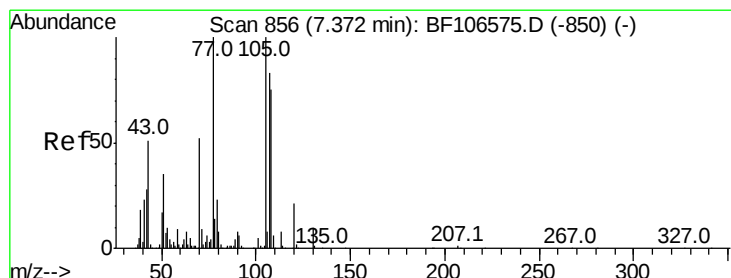
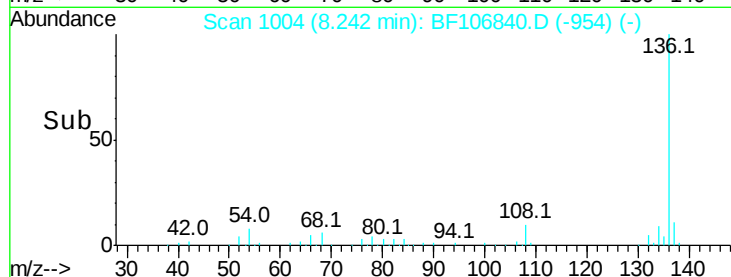
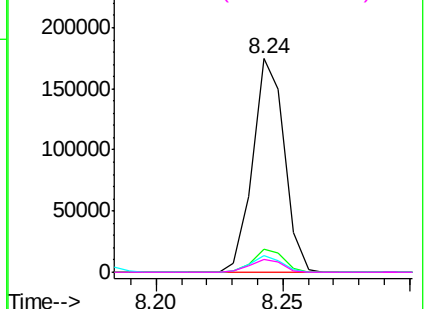
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 151392 |       |       |
| 137     | 10.6  | 8.9    | 13.3  |       |
| 54      | 7.9   | 6.6    | 9.8   |       |
| 68      | 6.2   | 5.0    | 7.4   |       |

Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



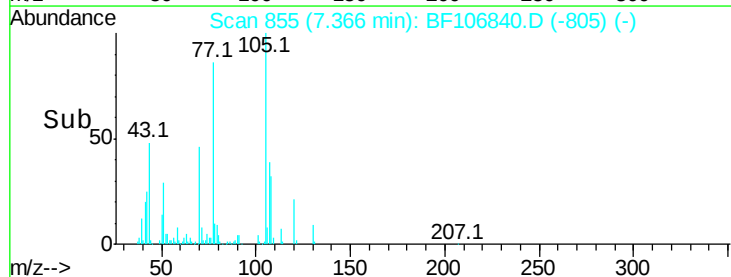
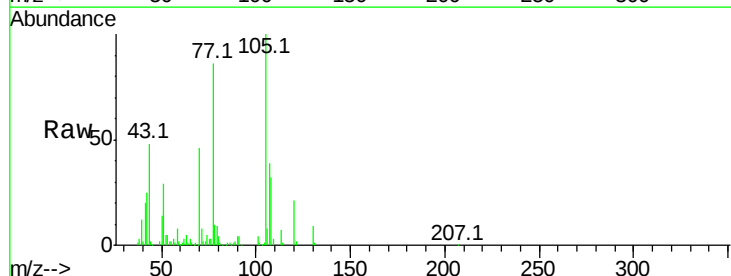
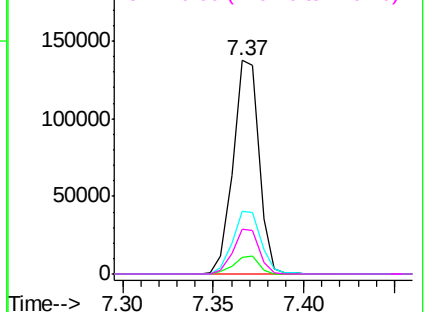
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

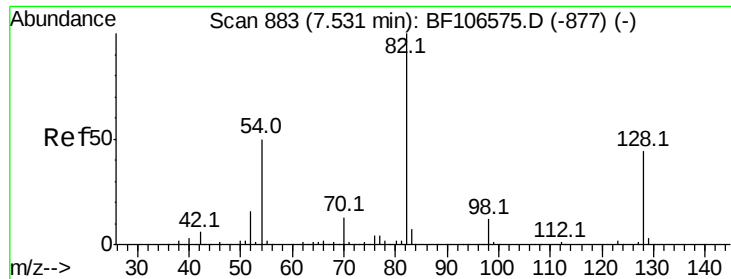


#22  
Acetophenone  
Concen: 40.468 ng  
RT: 7.37 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 137067 |       |       |
| 71      | 7.8   | 4.4    | 6.6#  |       |
| 51      | 29.2  | 22.3   | 33.5  |       |
| 120     | 20.8  | 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





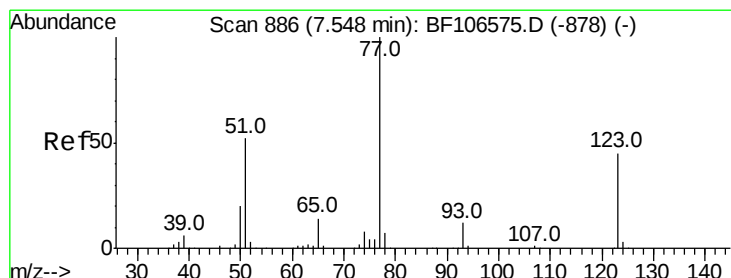
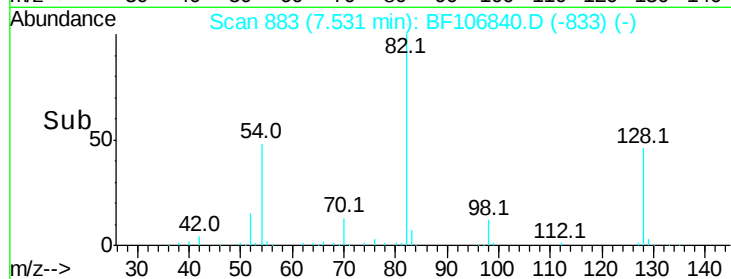
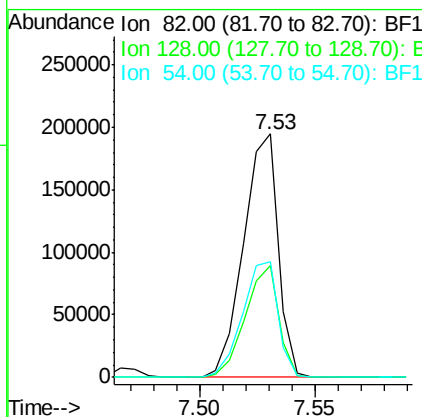
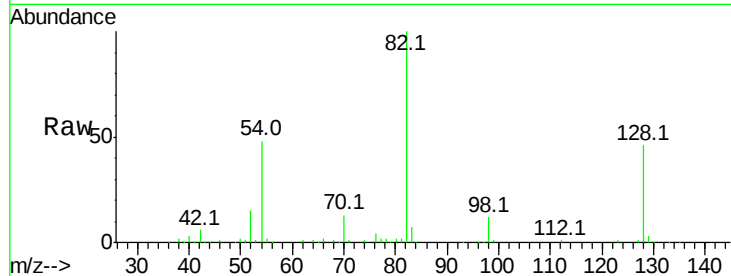
#23  
Nitrobenzene-d5  
Concen: 75.051 ng  
RT: 7.53 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 46.1  | 36.1 | 54.1  |       |
| 54      | 47.6  | 41.4 | 62.2  |       |

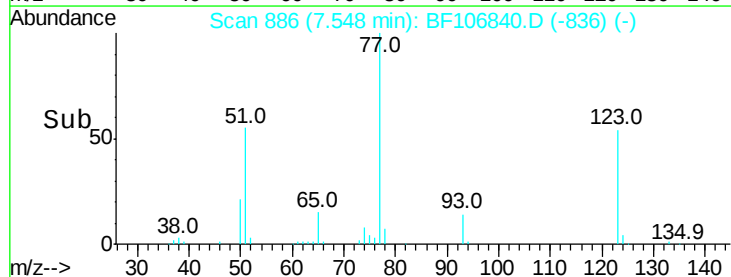
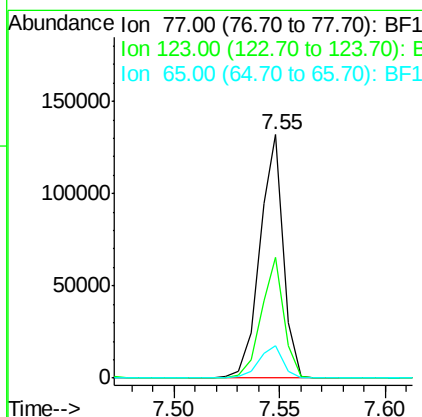
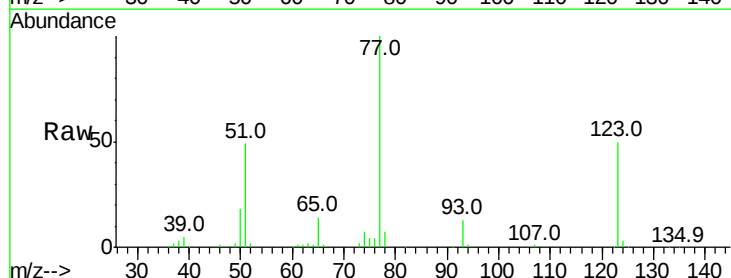
Manual Integrations  
APPROVED

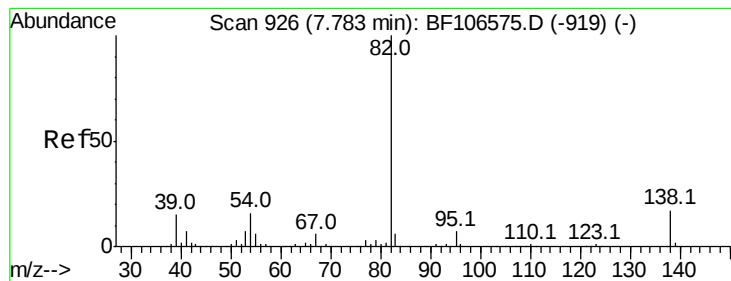
Sohil  
6/27/2018 2:14:31 PM



#24  
Nitrobenzene  
Concen: 36.466 ng  
RT: 7.55 min Scan# 886  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 49.7  | 37.9 | 56.9  |       |
| 65      | 13.6  | 11.0 | 16.4  |       |





#25

Isophorone

Concen: 34.447 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Instrument :

BNA\_F

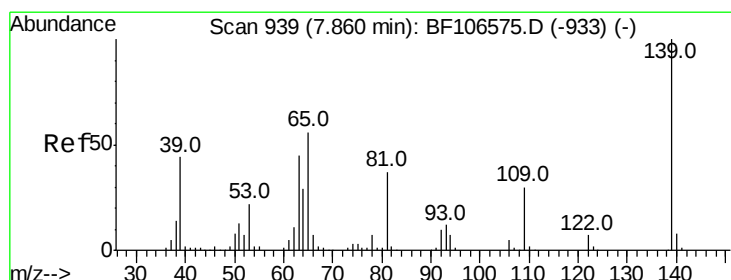
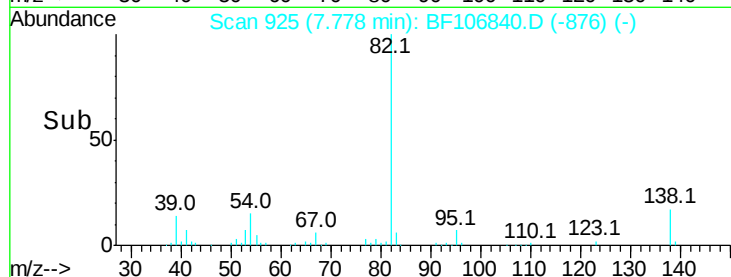
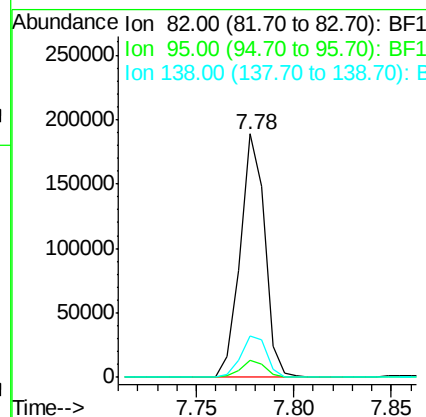
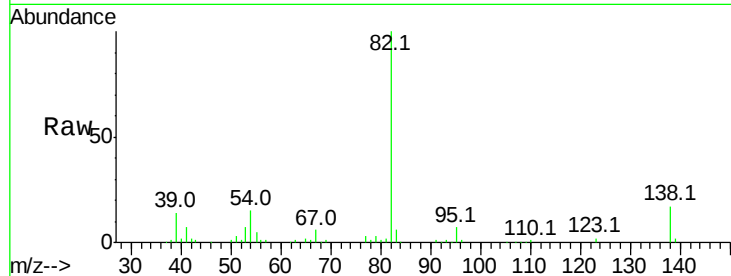
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 165360 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.0   | 5.2   | 7.8    |
| 138       | 17.2  | 14.9  | 22.3   |

Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



#26

2-Nitrophenol

Concen: 25.217 ng

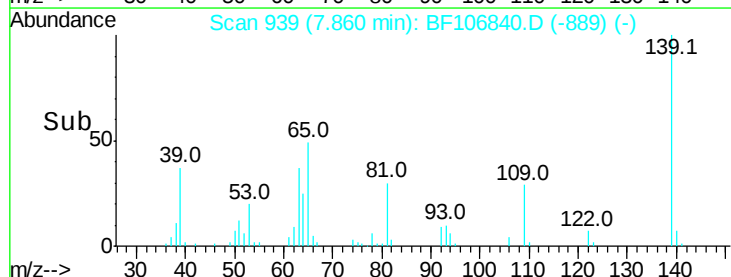
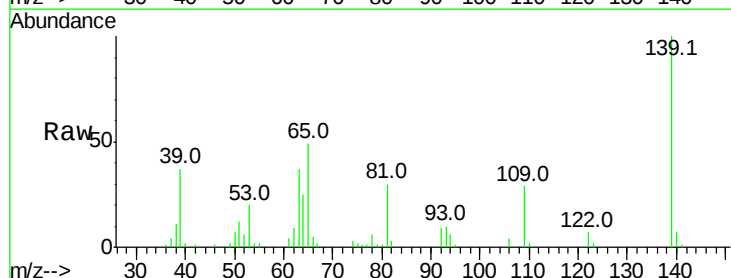
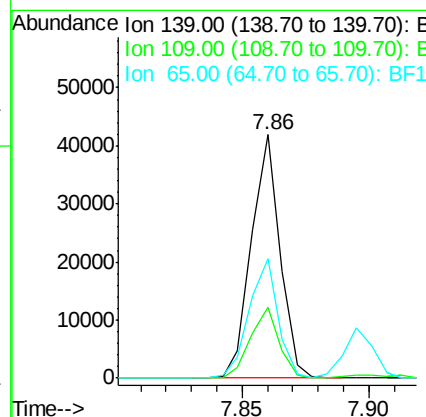
RT: 7.86 min Scan# 939

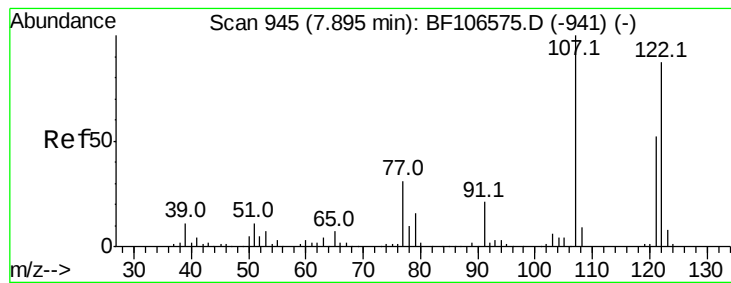
Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 33109 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 28.9  | 22.7  | 34.1  |
| 65        | 49.1  | 40.5  | 60.7  |





#27

2,4-Dimethylphenol

Concen: 38.112 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Instrument :

BNA\_F

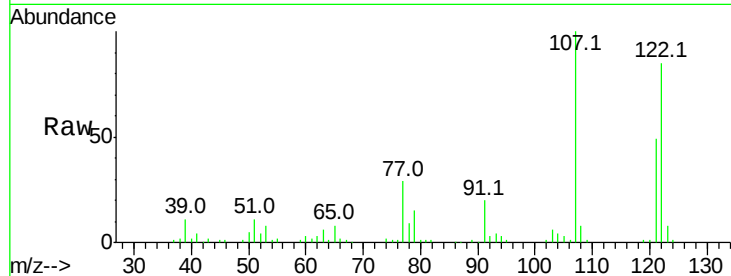
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.3 | 91.2  | 136.8 |
| 121     | 57.7  | 47.2  | 70.8  |

Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM

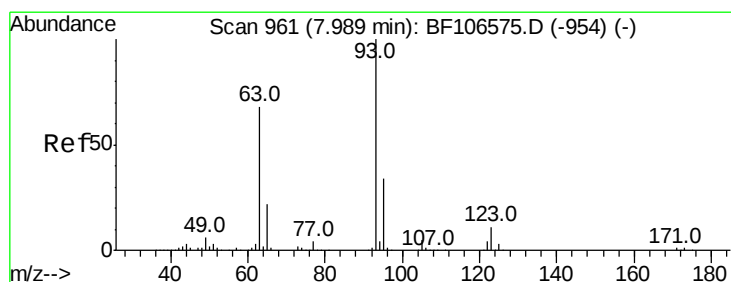
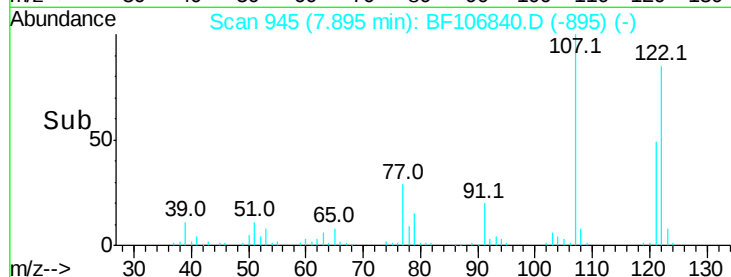
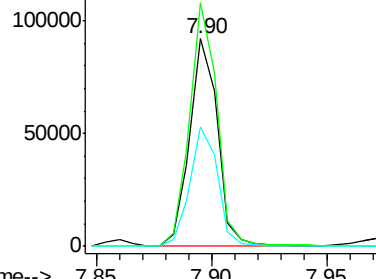


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.269 ng

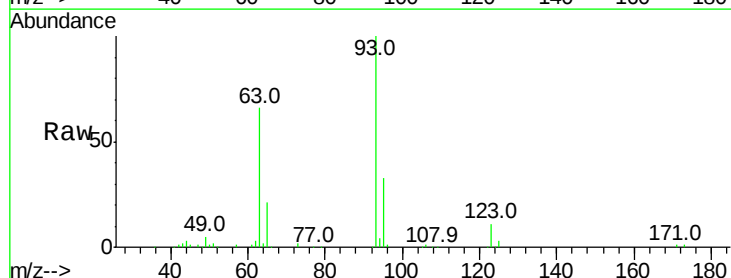
RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.3  | 39.5  |
| 123     | 11.0  | 9.8   | 14.6  |

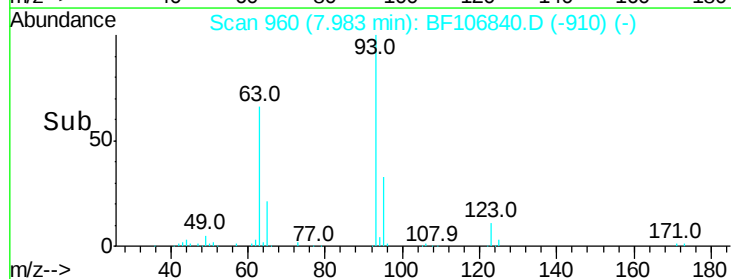
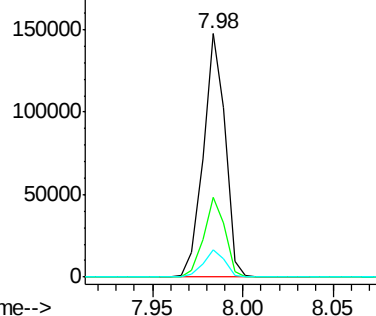


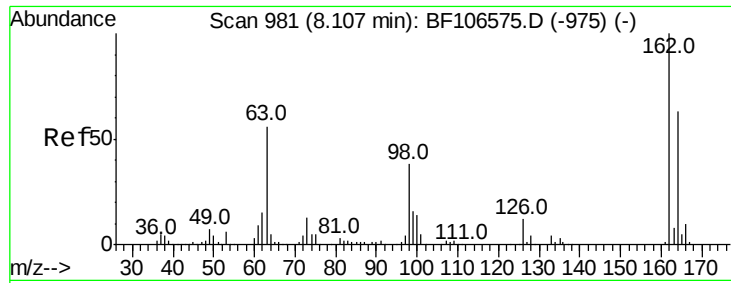
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





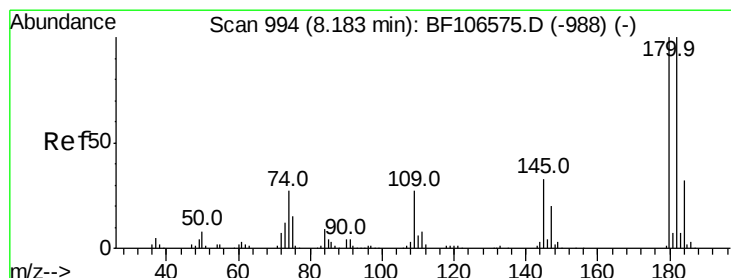
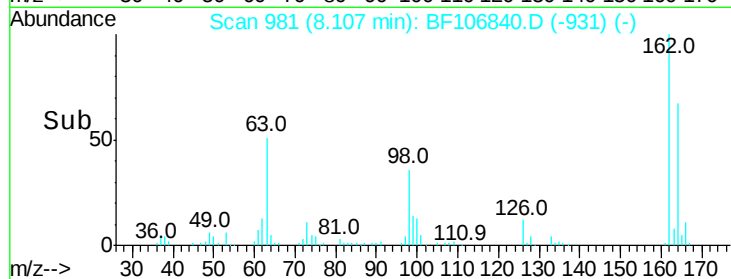
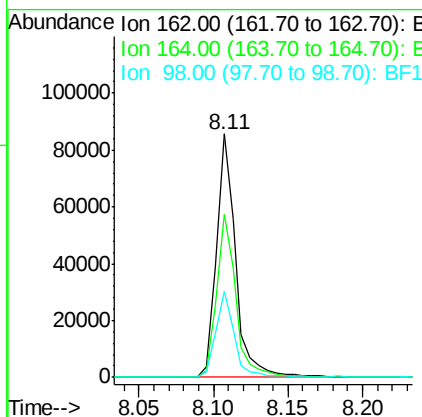
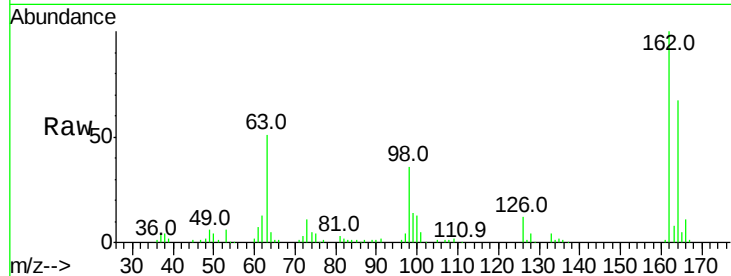
#29  
 2,4-Dichlorophenol  
 Concen: 36.181 ng  
 RT: 8.11 min Scan# 981  
 Delta R.T. -0.01 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 76870 |       |       |
| 164     | 67.0  |       | 42.7  | 82.7  |
| 98      | 35.5  |       | 18.1  | 58.1  |

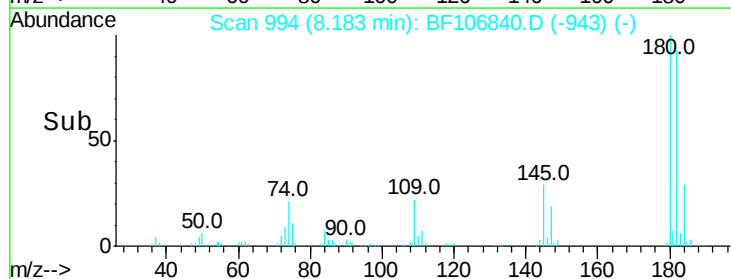
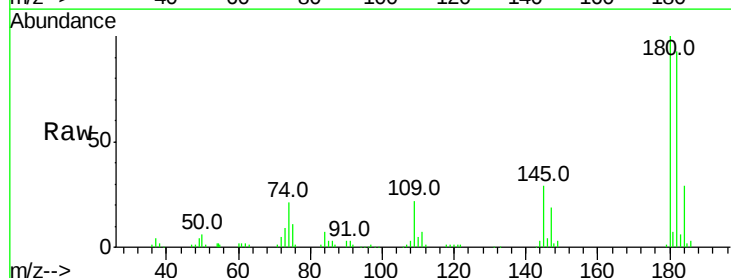
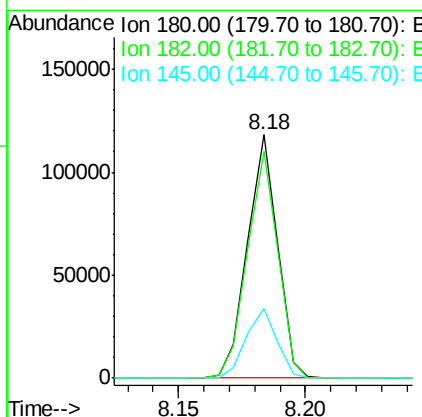
Manual Integrations  
 APPROVED

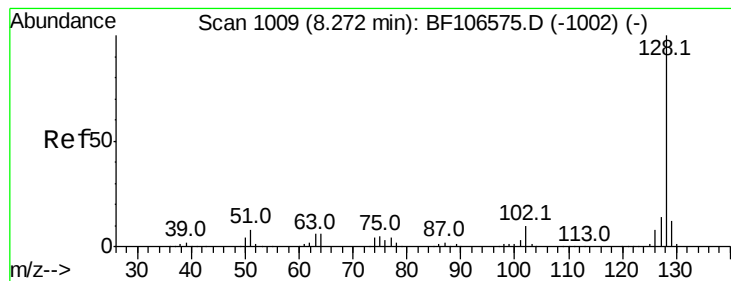
Sohil  
 6/27/2018 2:14:31 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.870 ng  
 RT: 8.18 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 97998 |       |       |
| 182     | 93.4  |       | 76.8  | 115.2 |
| 145     | 28.8  |       | 26.5  | 39.7  |





#31

Naphthalene

Concen: 38.953 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Instrument :

BNA\_F

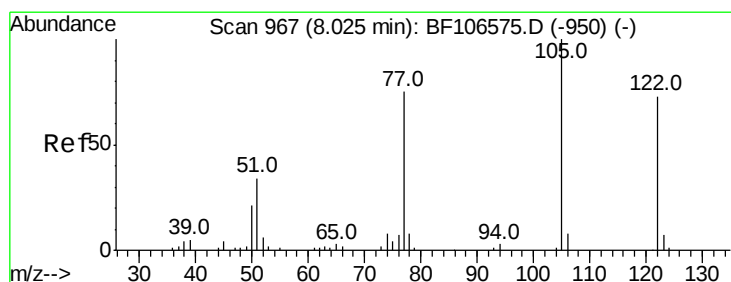
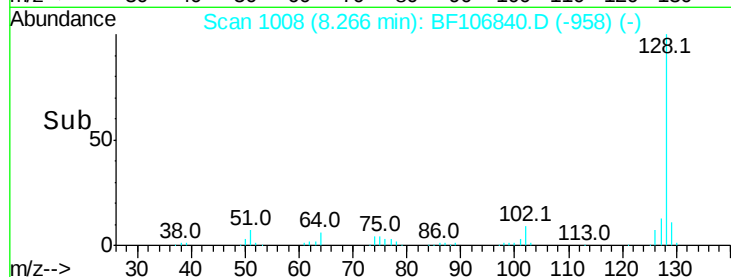
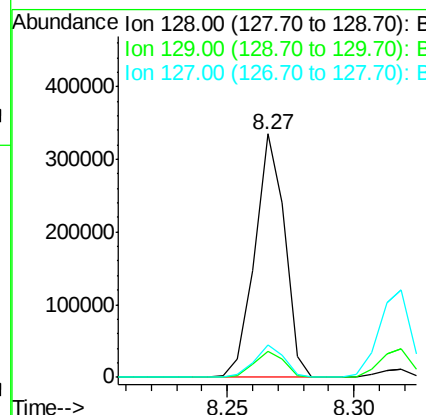
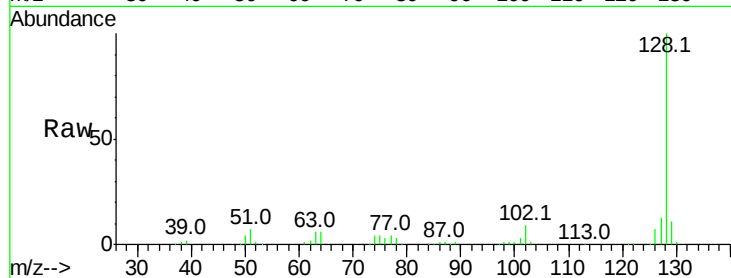
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 275712 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 10.7  | 8.8   | 13.2   |
| 127       | 13.1  | 10.9  | 16.3   |

Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



#32

Benzoic acid

Concen: 13.415 ng m

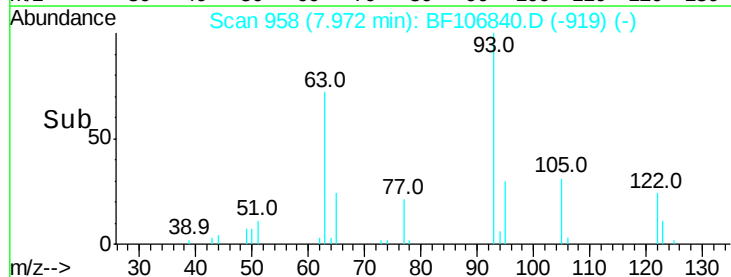
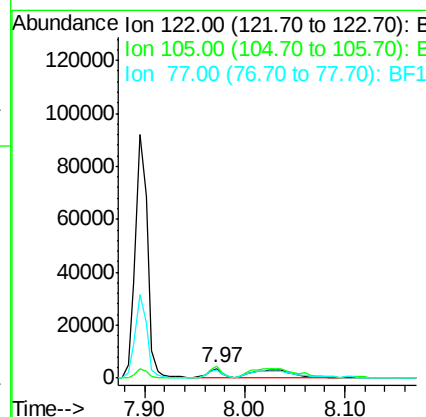
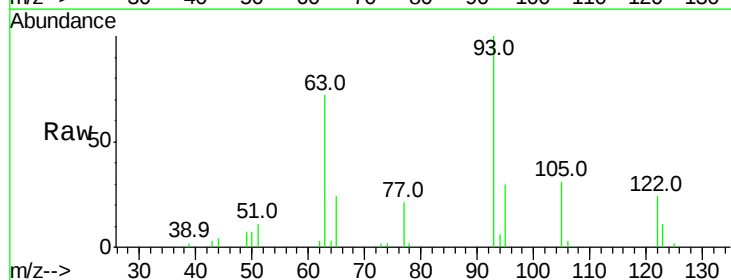
RT: 7.97 min Scan# 958

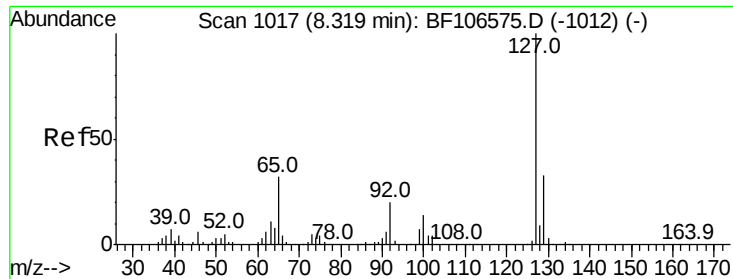
Delta R.T. -0.07 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 12881 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 127.8 | 101.1 | 141.1 |
| 77        | 84.6  | 70.7  | 110.7 |





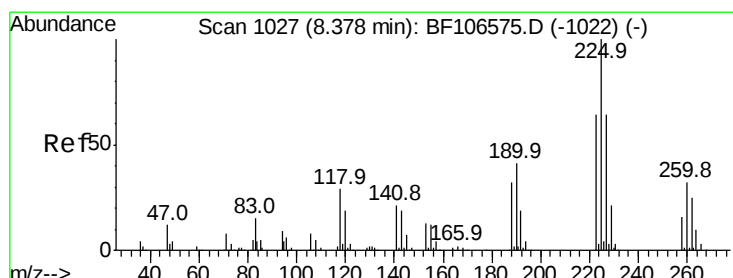
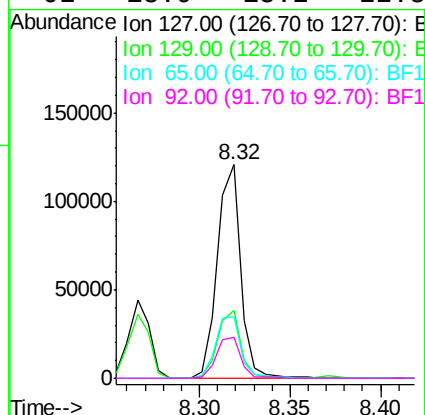
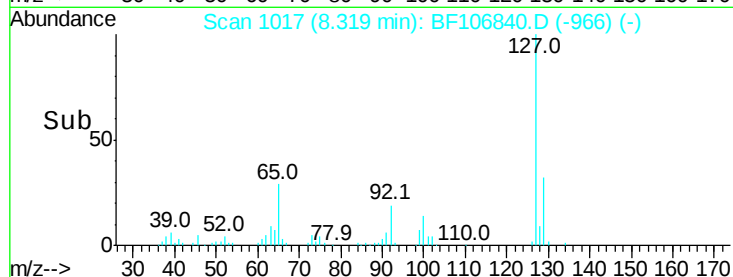
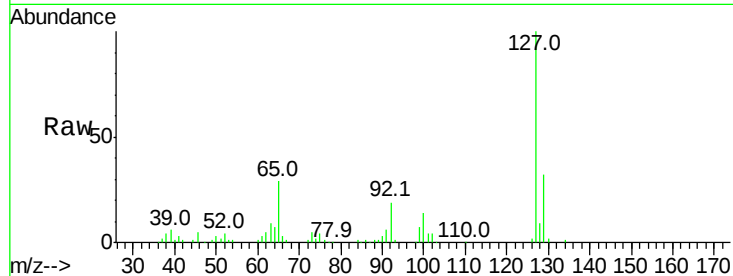
#33  
4-Chloroaniline  
Concen: 36.426 ng  
RT: 8.32 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.0  | 25.9 | 38.9  |       |
| 65      | 28.8  | 25.0 | 37.4  |       |
| 92      | 18.9  | 15.2 | 22.8  |       |

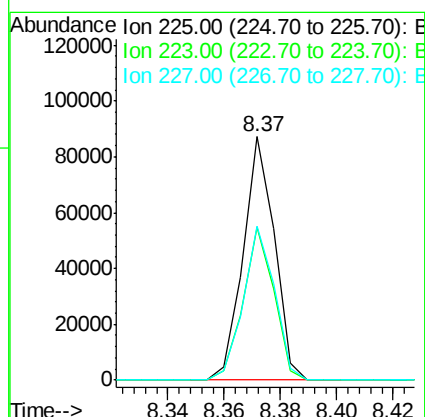
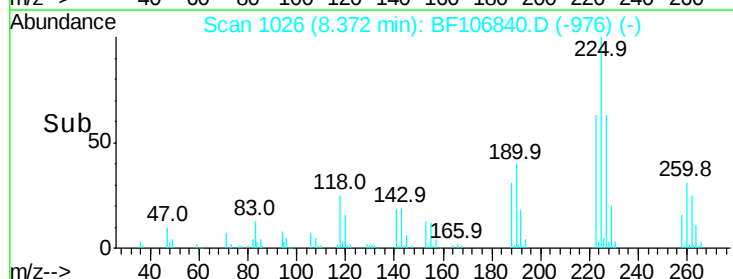
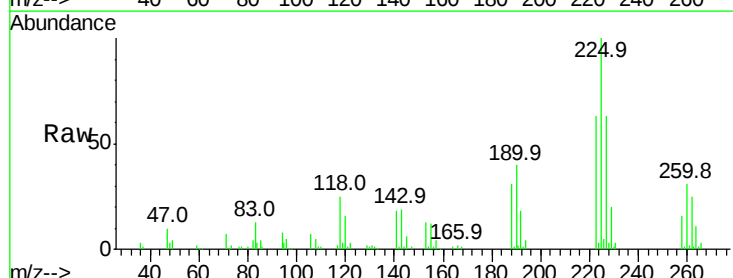
Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



#34  
Hexachlorobutadiene  
Concen: 43.951 ng  
RT: 8.37 min Scan# 1026  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.8  | 50.6 | 76.0  |       |
| 227     | 63.1  | 51.9 | 77.9  |       |





#35

Caprolactam

Concen: 30.810 ng

RT: 8.68 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Instrument :

BNA\_F

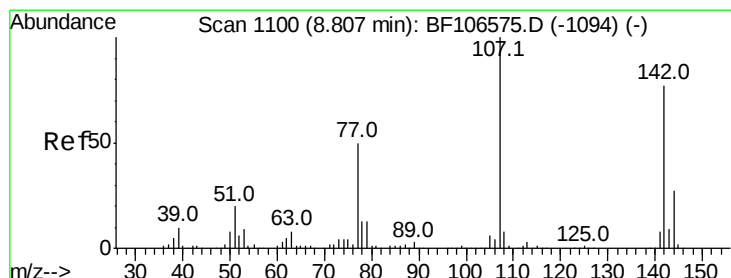
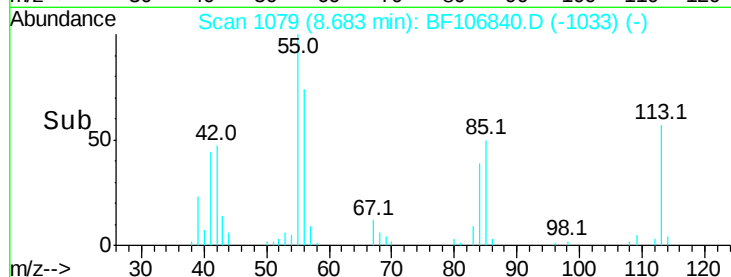
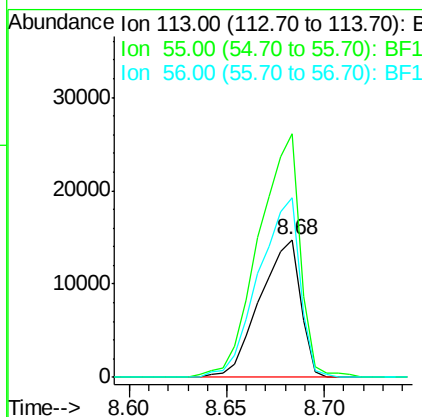
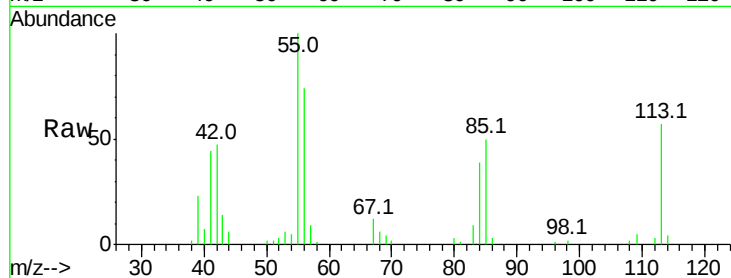
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 21338 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 176.9 | 163.3 | 203.3 |
| 56        | 130.7 | 115.7 | 155.7 |

Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



#36

4-Chloro-3-methylphenol

Concen: 33.950 ng

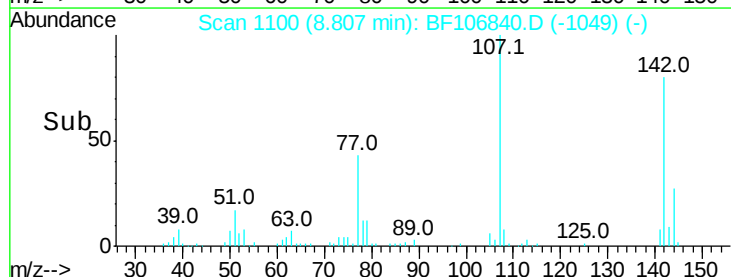
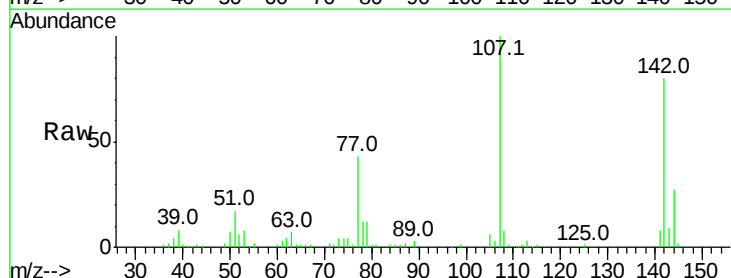
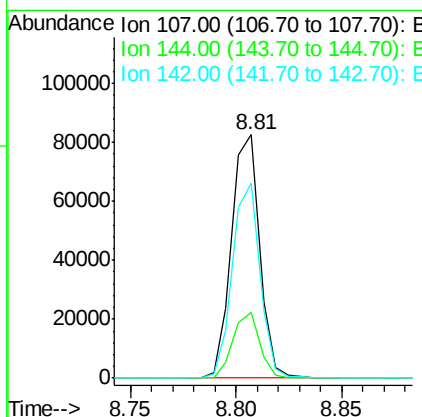
RT: 8.81 min Scan# 1100

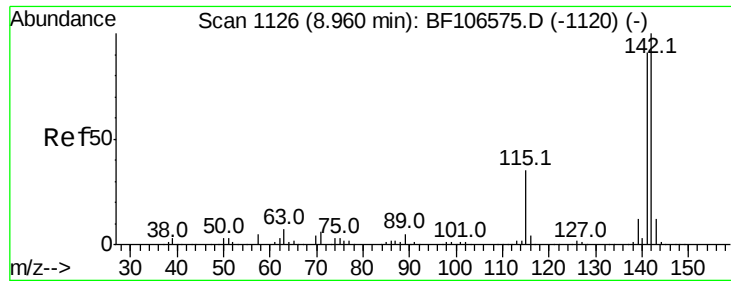
Delta R.T. -0.00 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 75923 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 144       | 26.8  | 20.5  | 30.7  |
| 142       | 80.2  | 62.0  | 93.0  |





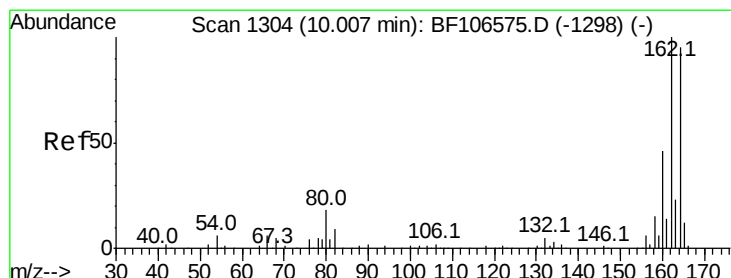
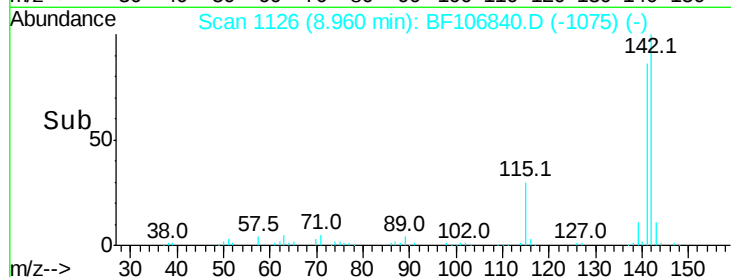
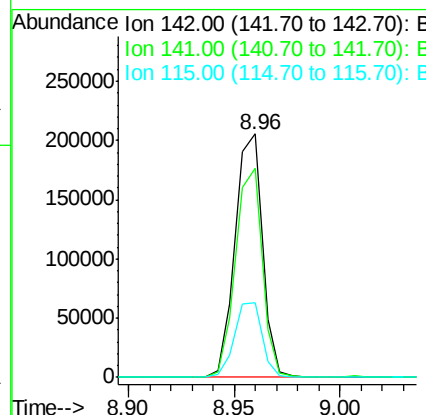
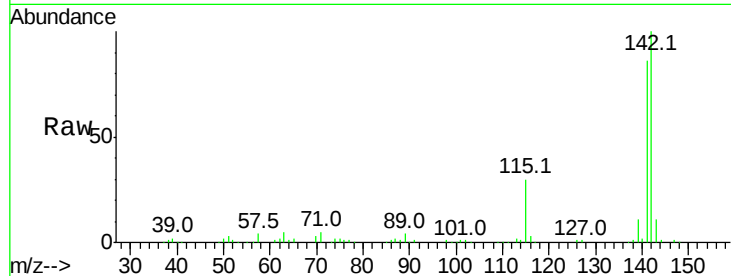
#37  
2-Methylnaphthalene  
Concen: 39.087 ng  
RT: 8.96 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.1  | 70.8  | 106.2 |
| 115     | 30.5  | 26.1  | 39.1  |

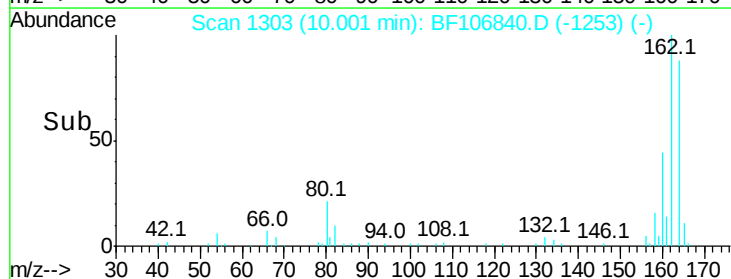
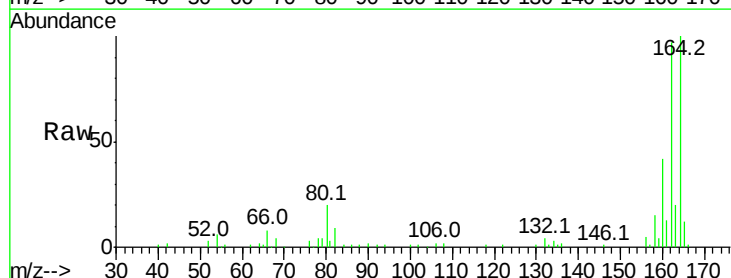
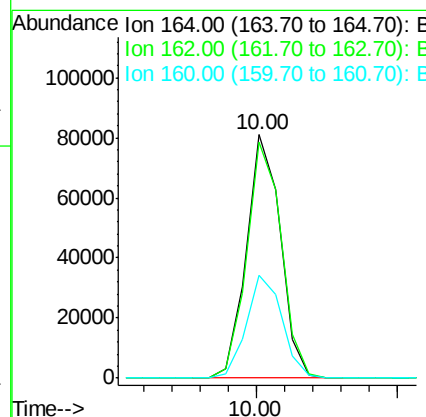
Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.00 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 96.7  | 86.1  | 129.1 |
| 160     | 42.4  | 38.3  | 57.5  |





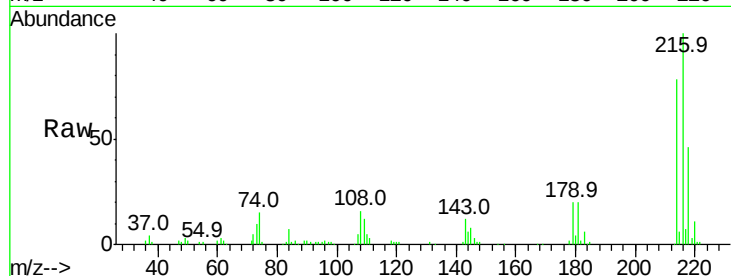
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.371 ng  
 RT: 9.12 min Scan# 1153  
 Delta R.T. -0.01 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

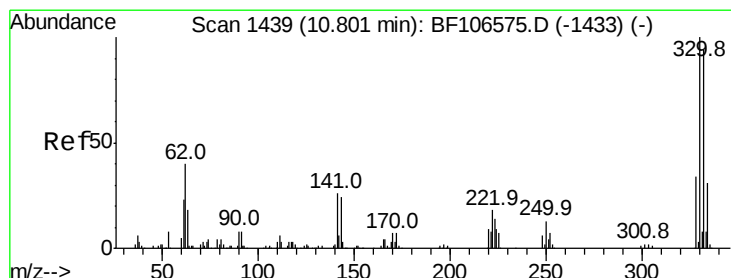
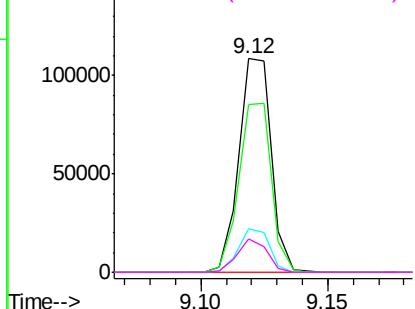
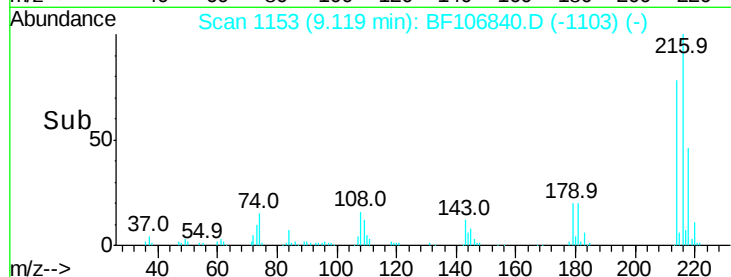
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 79.2  | 63.0       | 94.4  |
| 179     | 19.4  | 18.1       | 27.1  |
| 108     | 14.2  | 17.2       | 25.8  |

Manual Integrations  
 APPROVED

Sohil  
 6/27/2018 2:14:31 PM

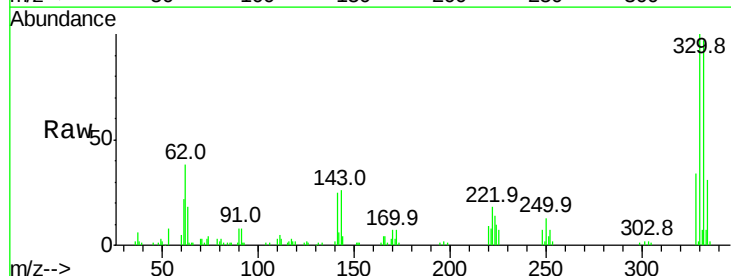


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

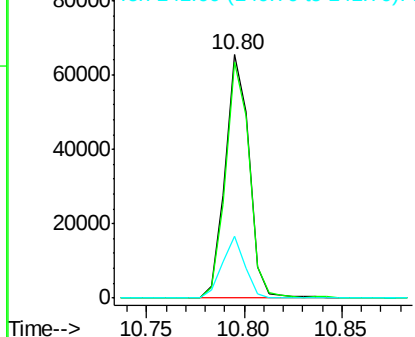
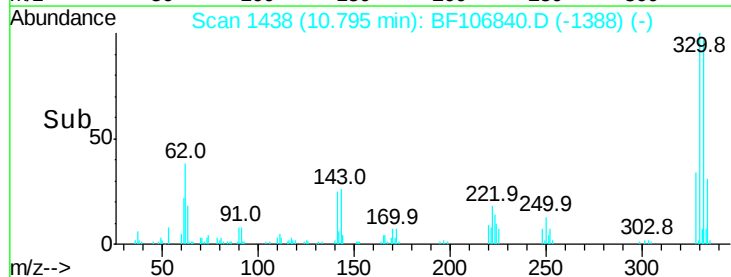


#41  
 2,4,6-Tribromophenol  
 Concen: 71.204 ng  
 RT: 10.80 min Scan# 1438  
 Delta R.T. -0.01 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 96.1  | 77.0       | 115.6 |
| 141     | 23.7  | 29.9       | 44.9  |



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





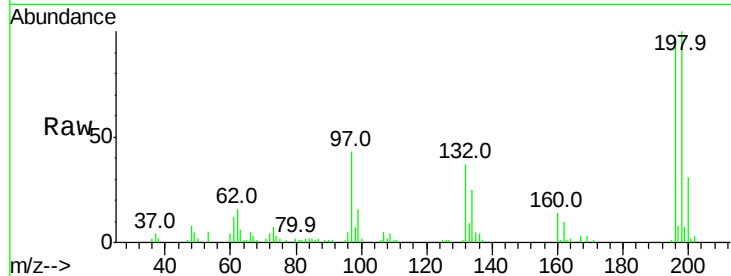
#42  
 2,4,6-Trichlorophenol  
 Concen: 33.950 ng  
 RT: 9.24 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 51296 |       |       |
| 198     | 103.1 |       | 75.7  | 113.5 |
| 200     | 31.6  |       | 24.5  | 36.7  |

Manual Integrations  
 APPROVED

Sohil  
 6/27/2018 2:14:31 PM

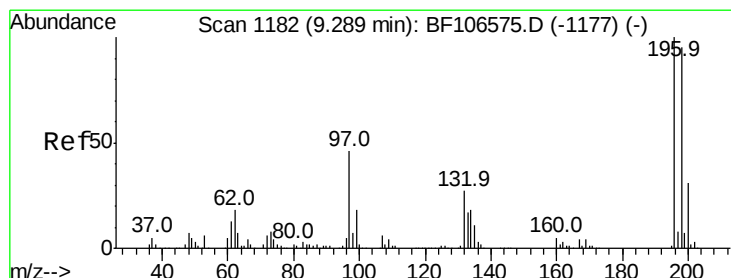
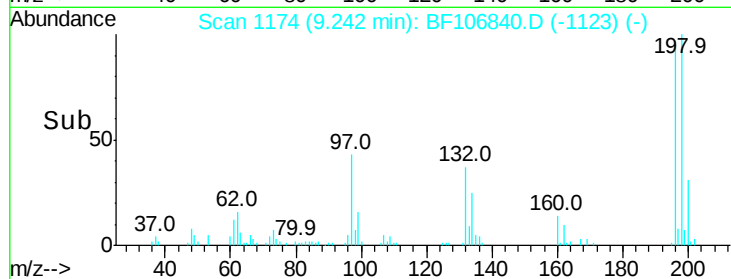
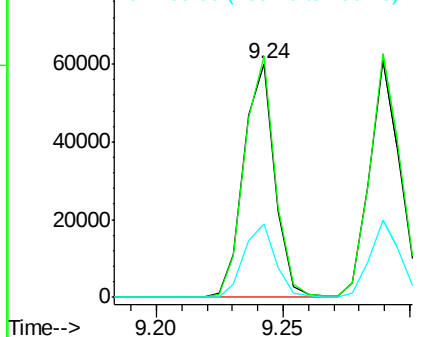


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43  
 2,4,5-Trichlorophenol  
 Concen: 32.698 ng m  
 RT: 9.29 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 51552 |       |       |
| 198     | 102.6 |       | 74.6  | 112.0 |
| 97      | 44.3  |       | 42.9  | 64.3  |
| 132     | 26.0  |       | 26.3  | 39.5# |

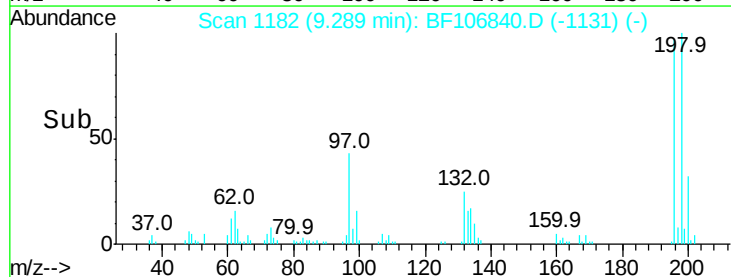
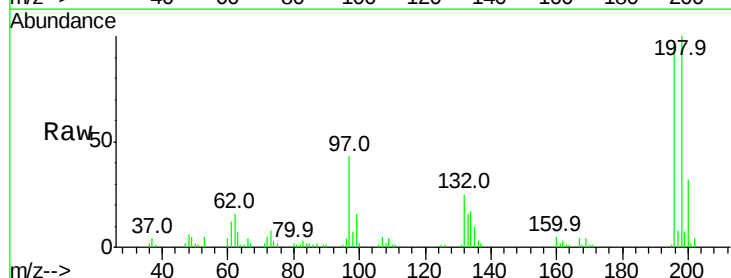
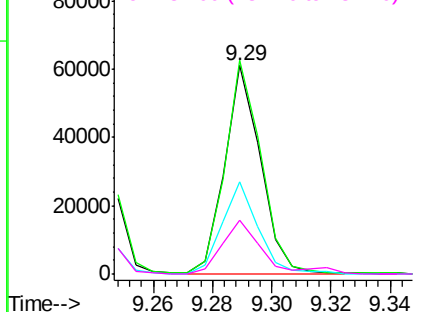
Abundance

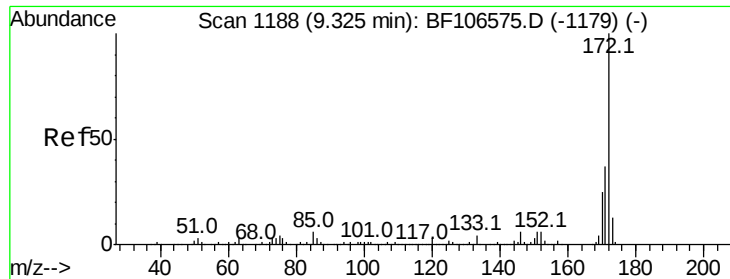
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





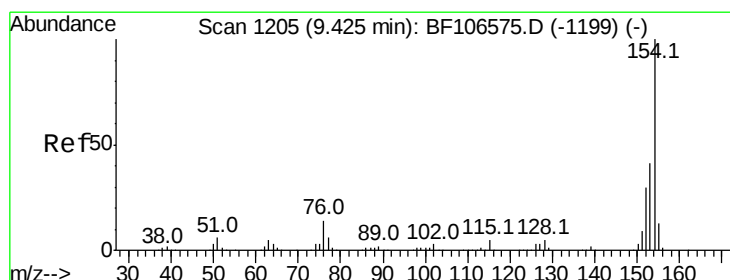
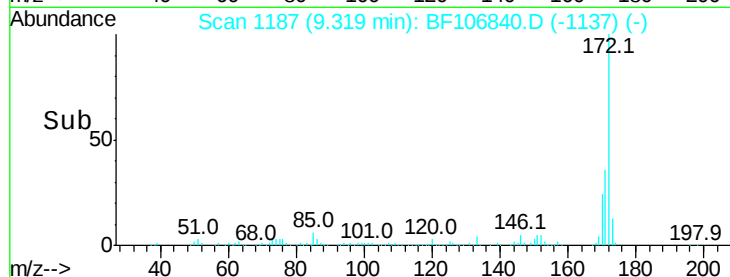
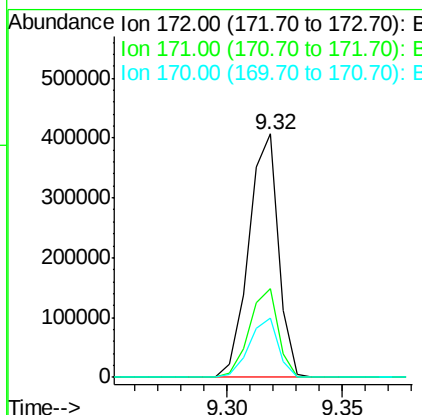
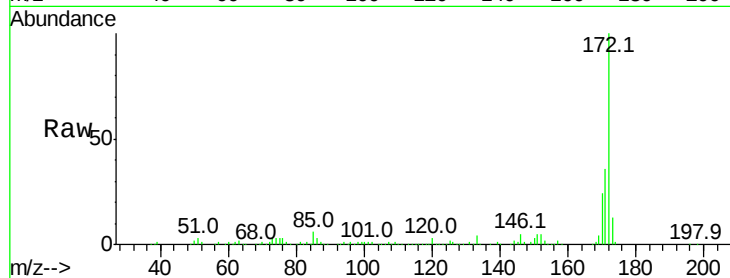
#44  
2-Fluorobiphenyl  
Concen: 93.114 ng  
RT: 9.32 min Scan# 1187  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 172   | Resp: | 365684 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 36.3  | 29.7  | 44.5   |
| 170       | 24.5  | 19.6  | 29.4   |

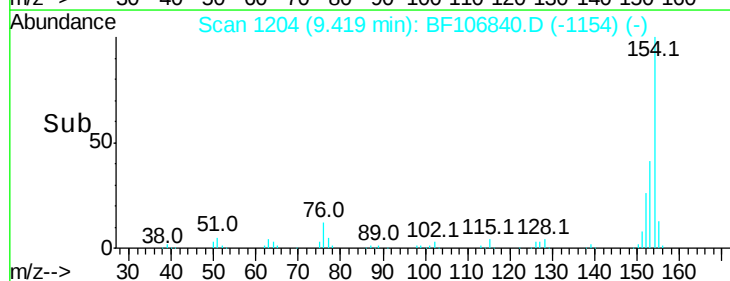
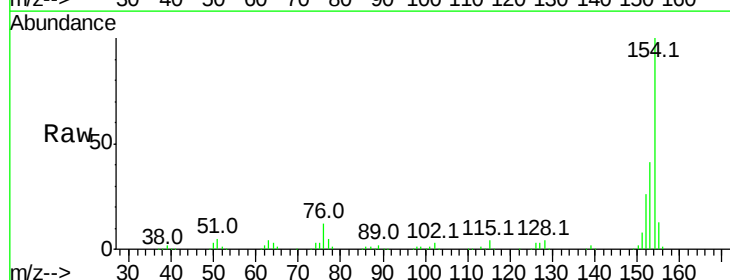
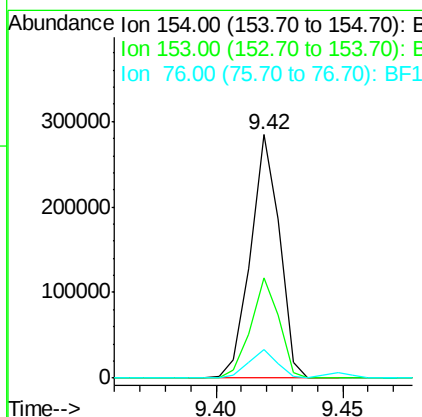
Manual Integrations  
APPROVED

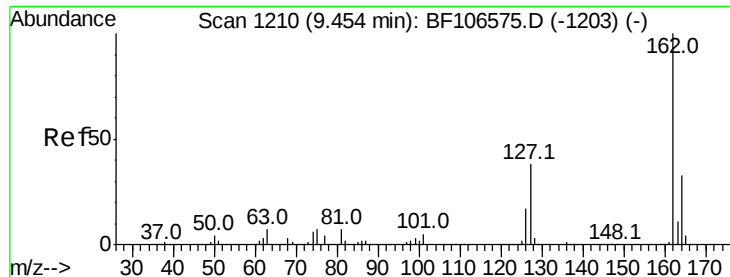
Sohil  
6/27/2018 2:14:31 PM



#45  
1,1'-Biphenyl  
Concen: 41.964 ng  
RT: 9.42 min Scan# 1204  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 225726 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.9  | 21.3  | 61.3   |
| 76        | 11.8  | 0.0   | 34.0   |





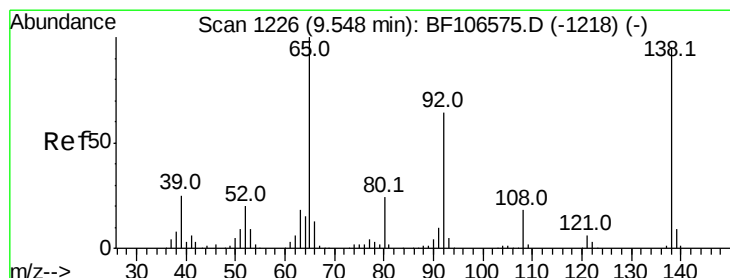
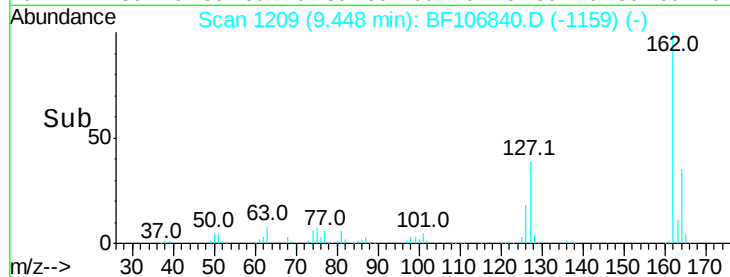
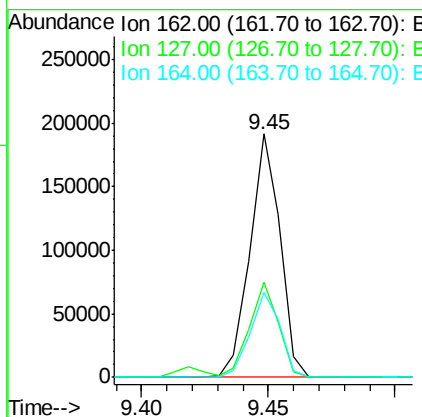
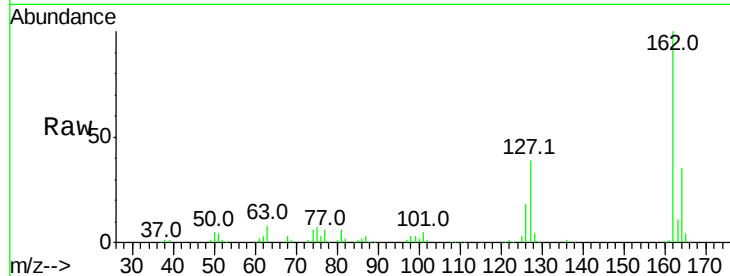
#46  
 2-Chloronaphthalene  
 Concen: 37.191 ng  
 RT: 9.45 min Scan# 1209  
 Delta R.T. -0.01 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 157467 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.3  | 33.9  | 50.9   |
| 164       | 34.7  | 26.5  | 39.7   |

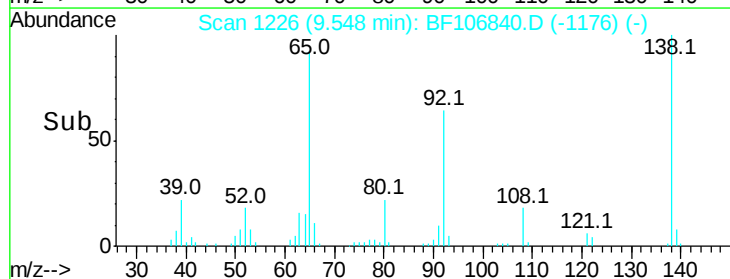
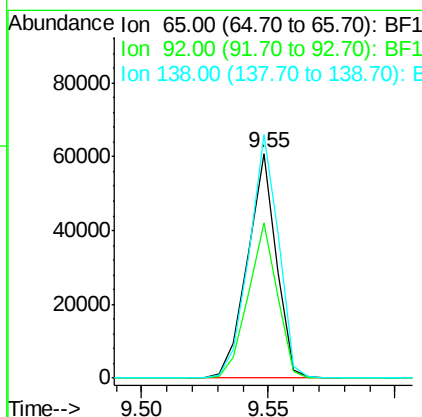
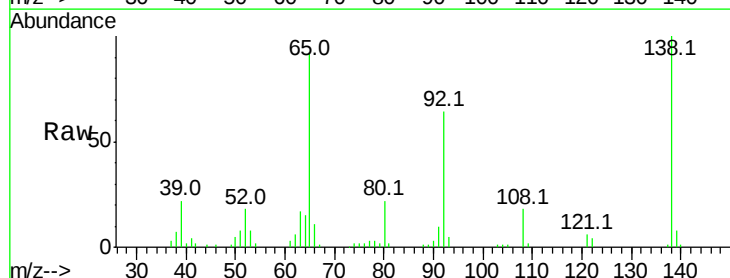
Manual Integrations  
 APPROVED

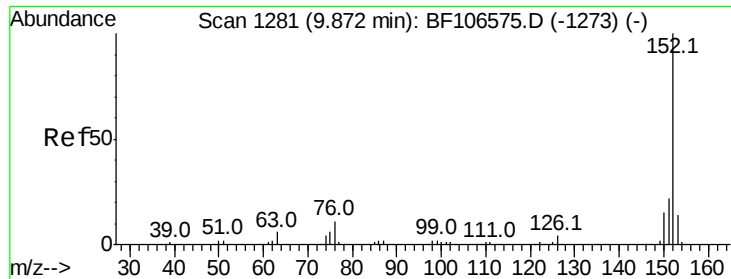
Sohil  
 6/27/2018 2:14:31 PM



#47  
 2-Nitroaniline  
 Concen: 33.896 ng  
 RT: 9.55 min Scan# 1226  
 Delta R.T. -0.01 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 48261 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 69.3  | 55.8  | 83.6  |
| 138       | 108.4 | 91.2  | 136.8 |





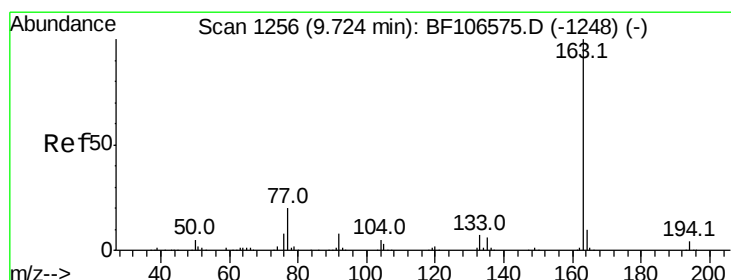
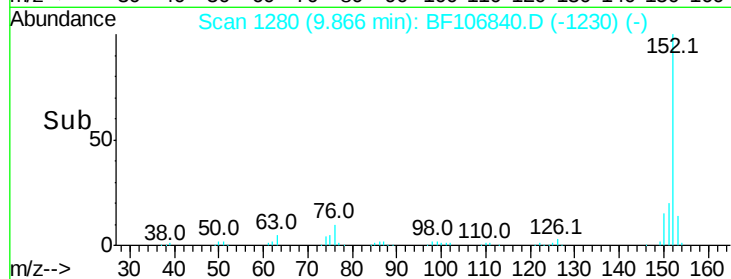
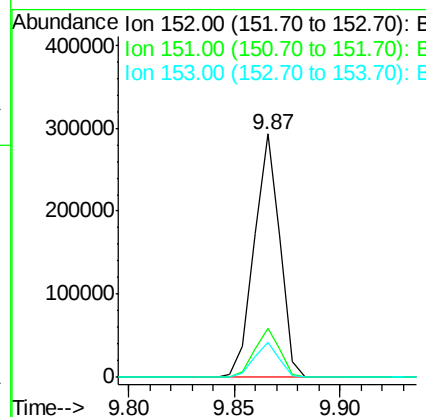
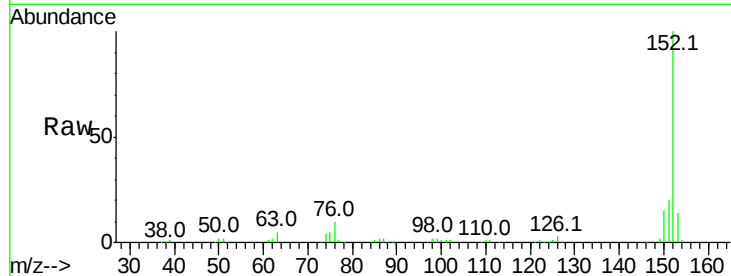
#48  
Acenaphthylene  
Concen: 36.867 ng  
RT: 9.87 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 246449 |       |       |
| 151     | 20.3  |        | 16.3  | 24.5  |
| 153     | 14.1  |        | 10.7  | 16.1  |

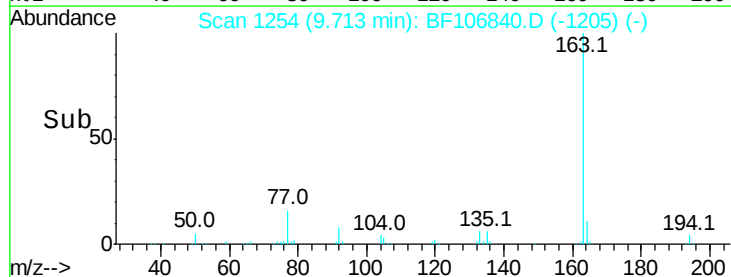
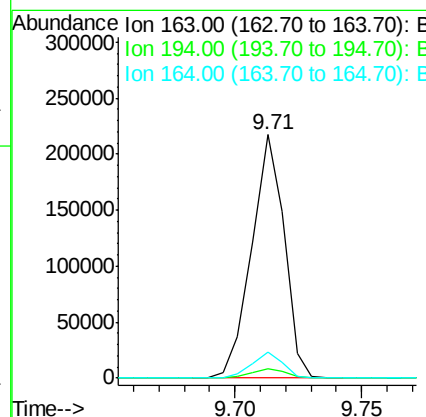
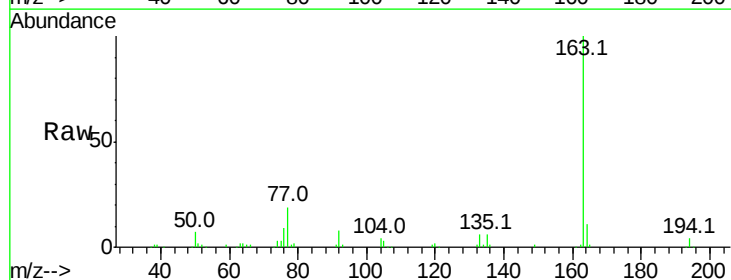
Manual Integrations  
APPROVED

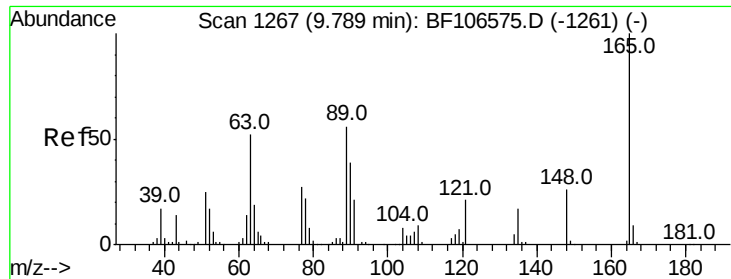
Sohil  
6/27/2018 2:14:31 PM



#49  
Dimethylphthalate  
Concen: 38.514 ng  
RT: 9.71 min Scan# 1254  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 194967 |       |       |
| 194     | 3.8   |        | 2.7   | 4.1   |
| 164     | 10.6  |        | 8.2   | 12.2  |





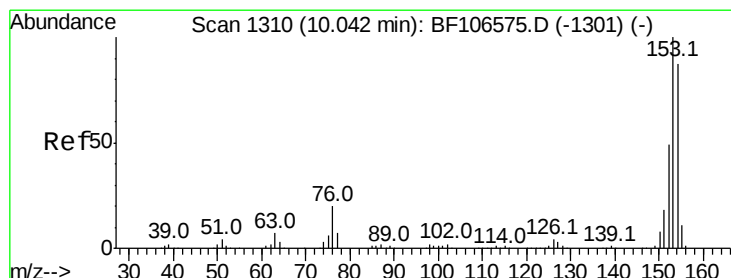
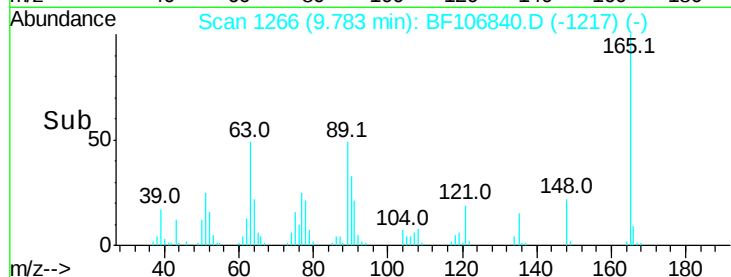
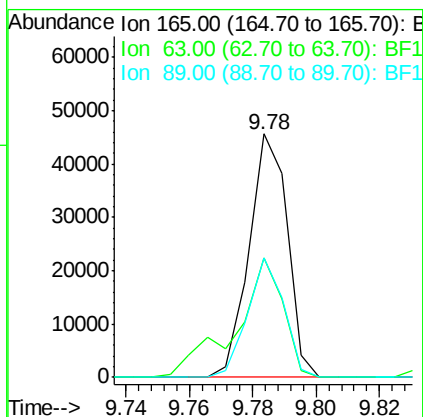
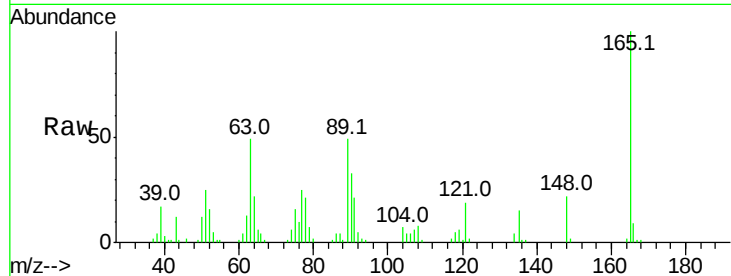
#50  
 2,6-Dinitrotoluene  
 Concen: 35.453 ng  
 RT: 9.78 min Scan# 1266  
 Delta R.T. -0.01 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.0  | 44.7  | 67.1  |
| 89      | 49.1  | 44.0  | 66.0  |

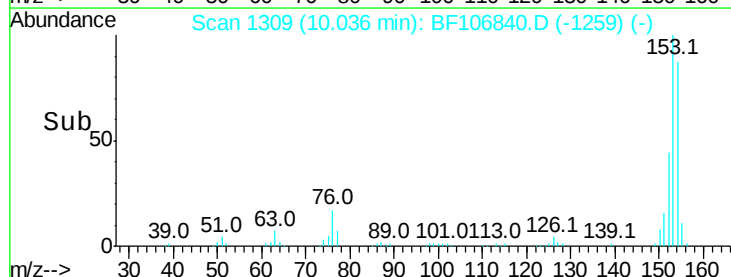
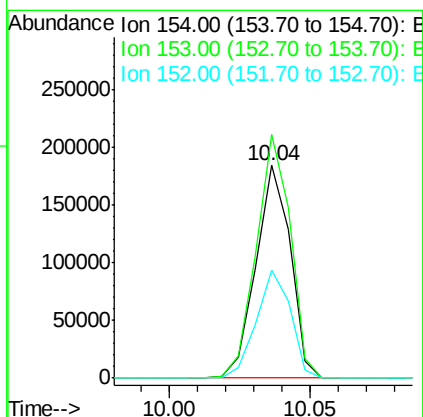
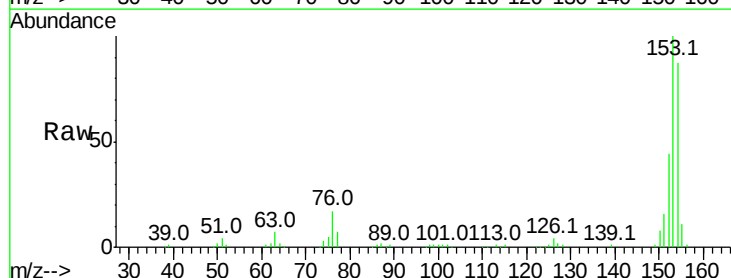
Manual Integrations  
 APPROVED

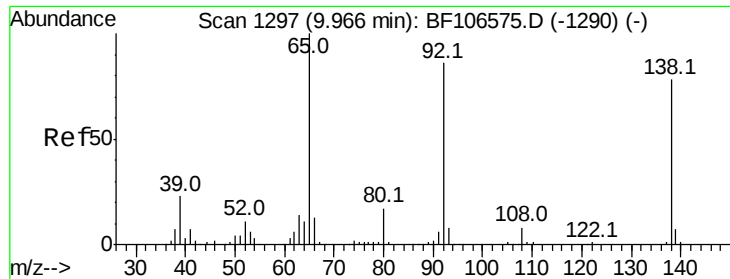
Sohil  
 6/27/2018 2:14:31 PM



#51  
 Acenaphthene  
 Concen: 36.955 ng  
 RT: 10.04 min Scan# 1309  
 Delta R.T. -0.01 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.5 | 91.2  | 136.8 |
| 152     | 50.8  | 43.8  | 65.8  |





#52

3-Nitroaniline

Concen: 37.819 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Instrument :

BNA\_F

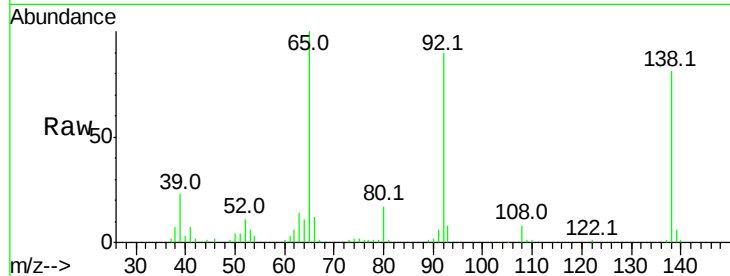
ClientSampleId :

SSTDCCC040

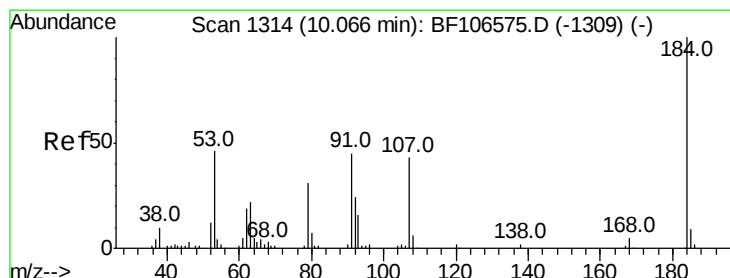
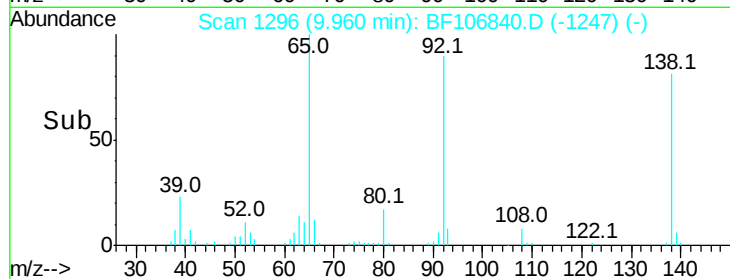
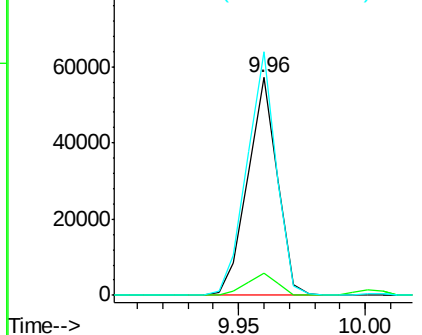
Tot Ion:138 Resp: 46650  
 Ion Ratio Lower Upper  
 138 100  
 108 10.3 9.4 14.0  
 92 111.7 89.4 134.2

Manual Integrations  
 APPROVED

Sohil  
 6/27/2018 2:14:31 PM



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 5.797 ng

RT: 10.08 min Scan# 1316

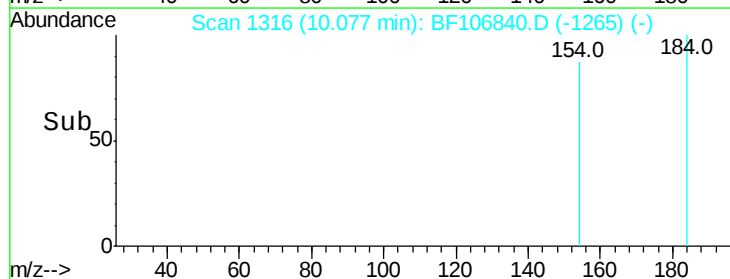
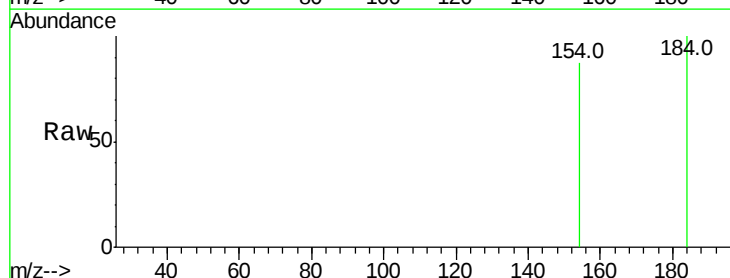
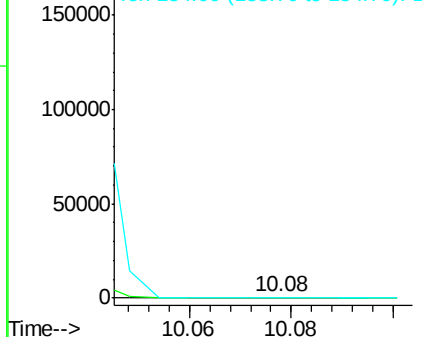
Delta R.T. -0.00 min

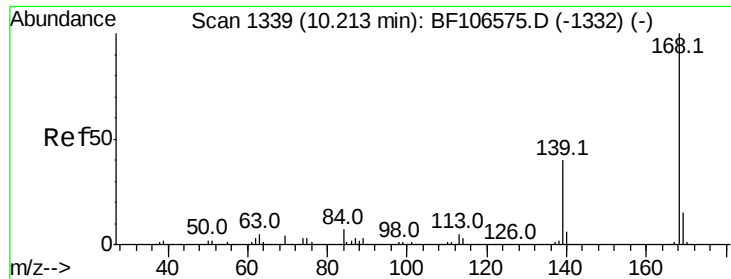
Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Tgt Ion:184 Resp: 265  
 Ion Ratio Lower Upper  
 184 100  
 63 0.0 54.2 81.2#  
 154 87.2 184.0 276.0#

Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 154.00 (153.70 to 154.70): E





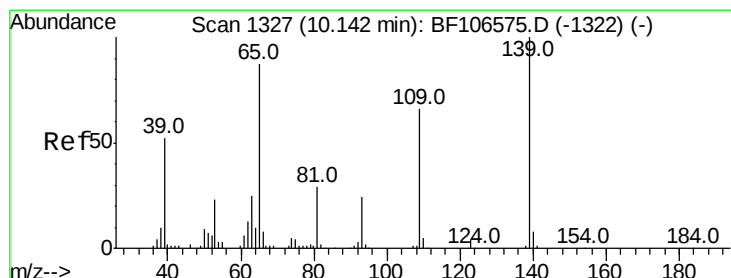
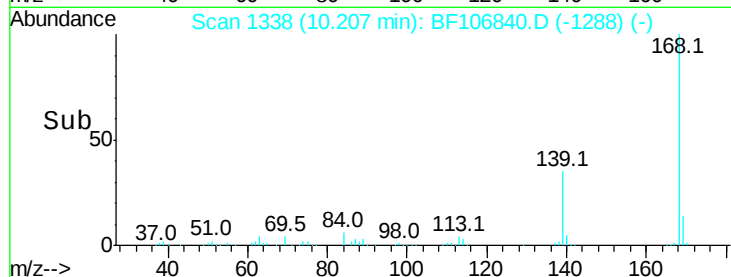
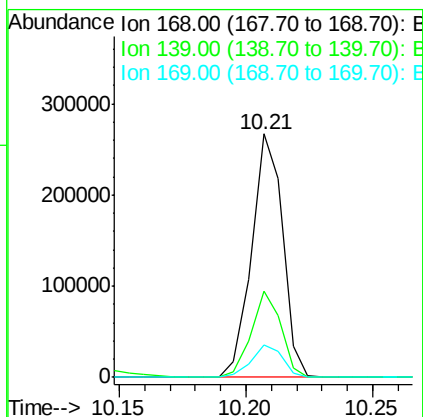
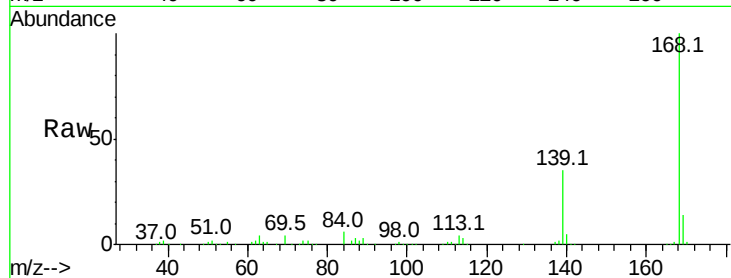
#54  
Dibenzenofuran  
Concen: 39.449 ng  
RT: 10.21 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 35.4  | 30.1  | 45.1  |
| 169     | 13.5  | 10.9  | 16.3  |

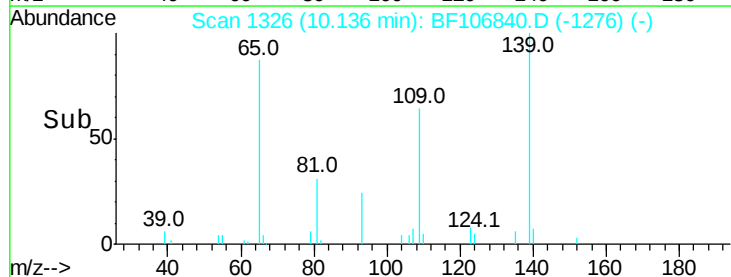
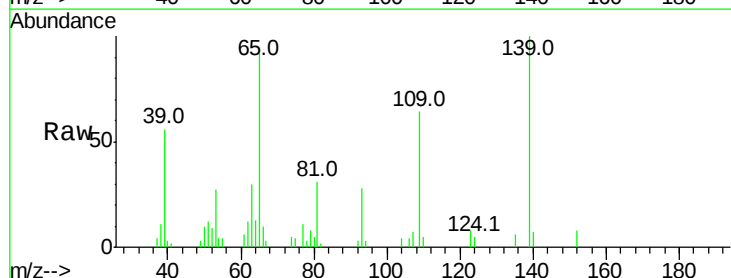
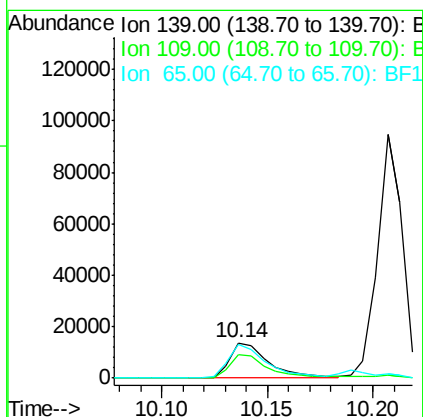
Manual Integrations  
APPROVED

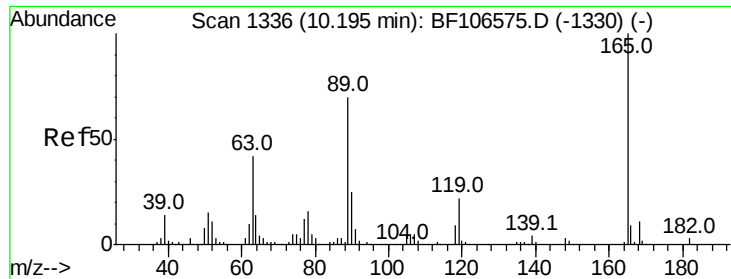
Sohil  
6/27/2018 2:14:31 PM



#55  
4-Nitrophenol  
Concen: 20.569 ng  
RT: 10.14 min Scan# 1326  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 64.5  | 48.4  | 88.4  |
| 65      | 93.5  | 72.6  | 112.6 |





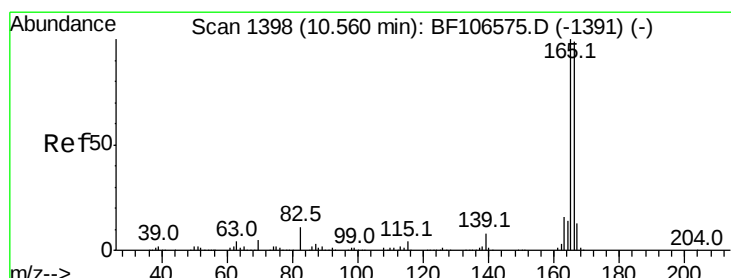
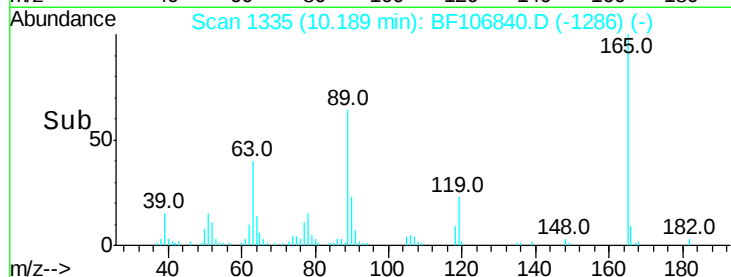
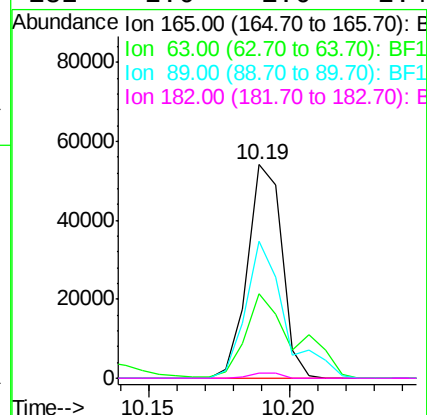
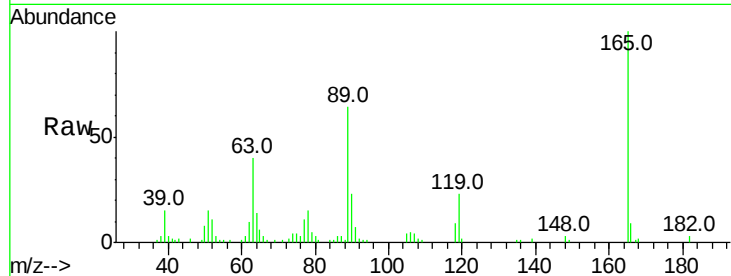
#56  
2,4-Dinitrotoluene  
Concen: 32.861 ng  
RT: 10.19 min Scan# 1335  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 39.6  | 36.4  | 54.6  |
| 89      | 64.3  | 57.8  | 86.6  |
| 182     | 2.6   | 1.6   | 2.4   |

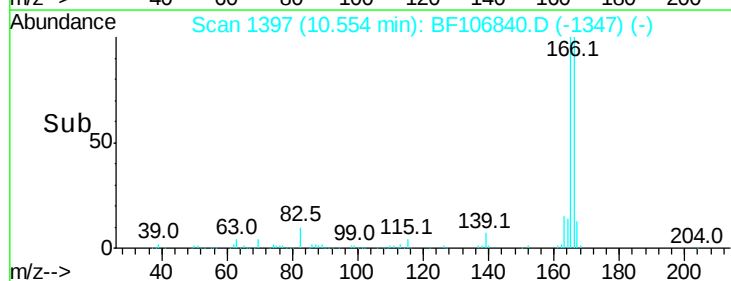
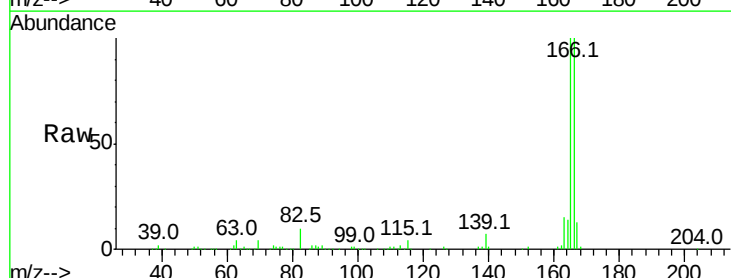
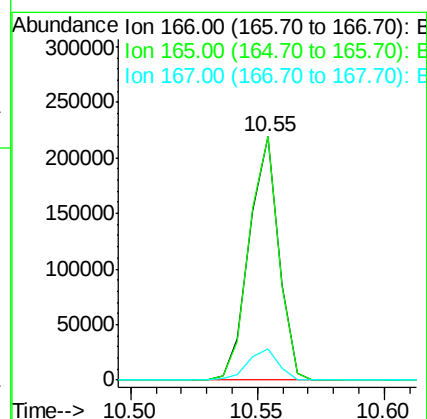
Manual Integrations  
APPROVED

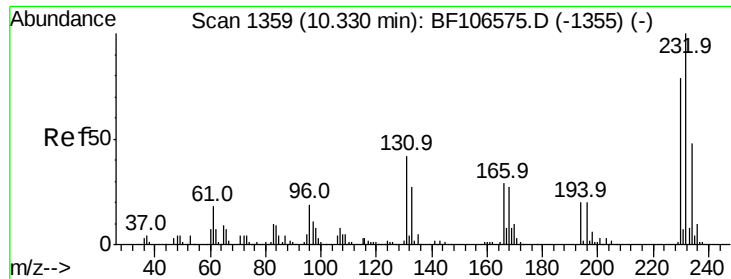
Sohil  
6/27/2018 2:14:31 PM



#57  
Fluorene  
Concen: 38.823 ng  
RT: 10.55 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.1 | 79.8  | 119.8 |
| 167     | 13.0  | 10.6  | 16.0  |





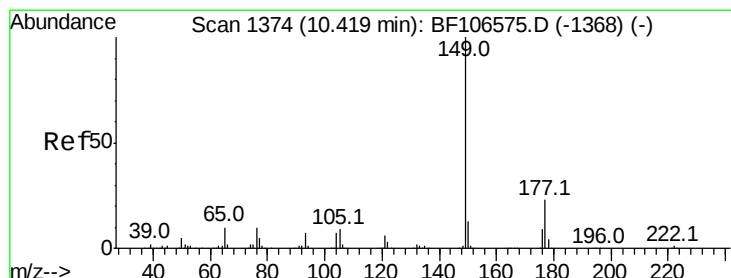
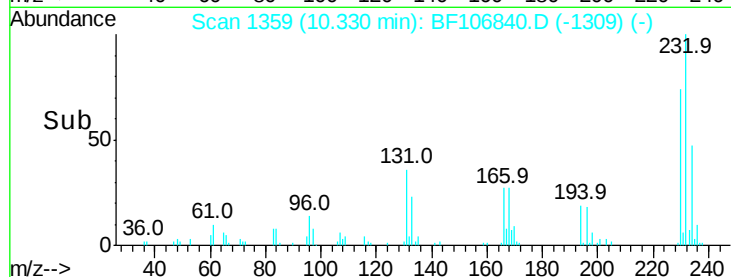
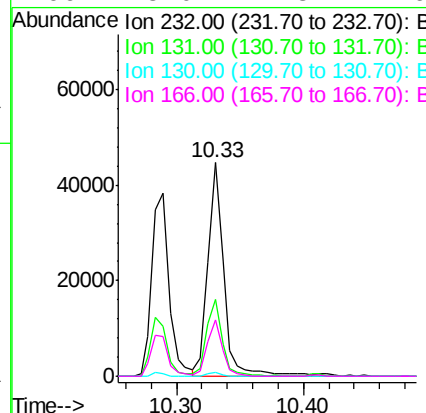
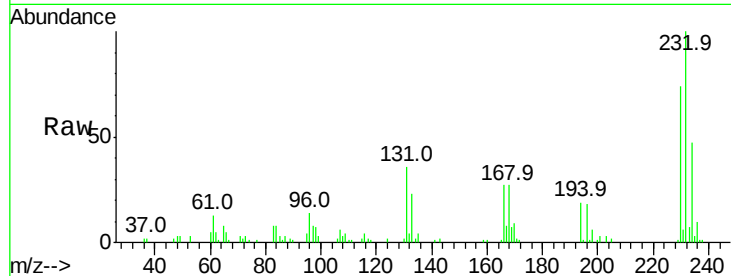
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 31.654 ng  
 RT: 10.33 min Scan# 1359  
 Delta R.T. -0.01 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 34.9  | 43.8  | 65.8# |
| 130     | 1.3   | 2.1   | 3.1#  |
| 166     | 25.0  | 27.8  | 41.6# |

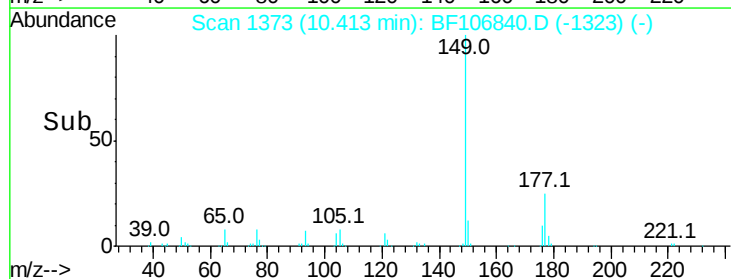
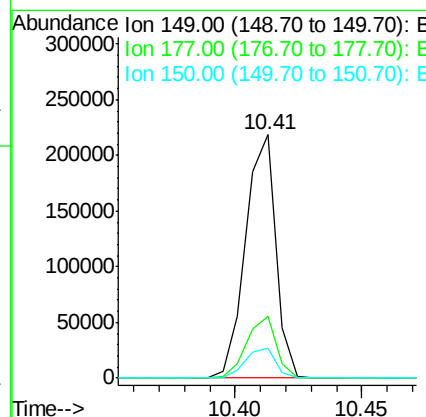
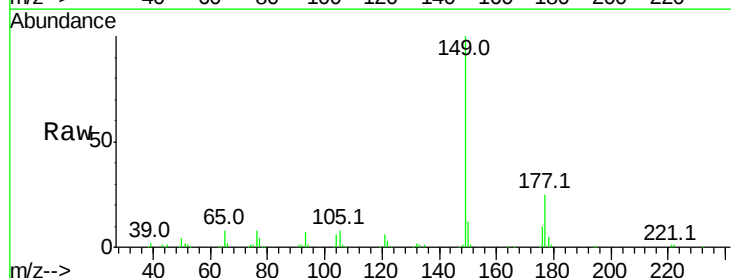
Manual Integrations  
 APPROVED

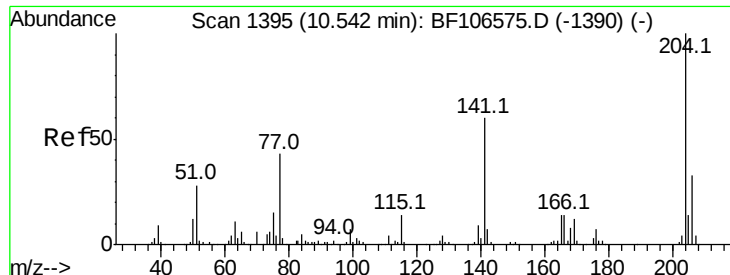
Sohil  
 6/27/2018 2:14:31 PM



#59  
 Diethylphthalate  
 Concen: 37.052 ng  
 RT: 10.41 min Scan# 1373  
 Delta R.T. -0.01 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.2  | 16.1  | 24.1# |
| 150     | 12.2  | 10.1  | 15.1  |





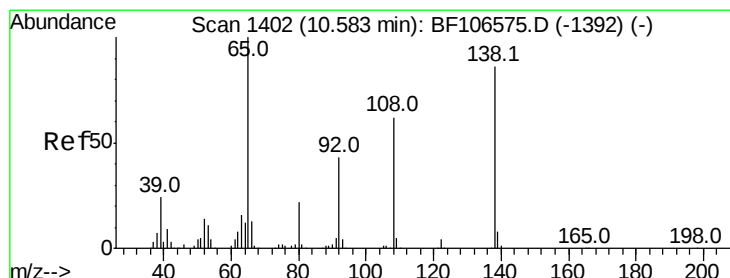
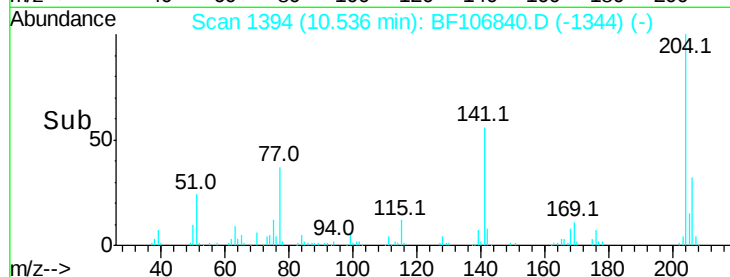
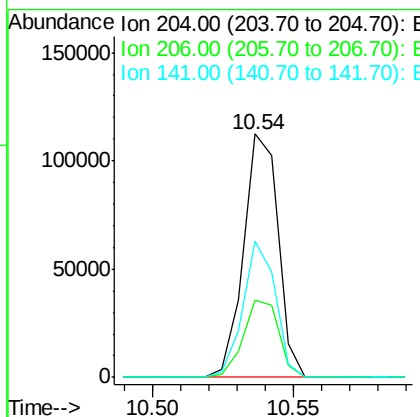
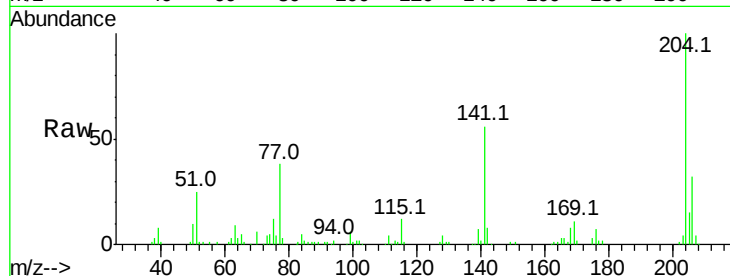
#60  
4-Chlorophenyl-phenylether  
Concen: 39.893 ng  
RT: 10.54 min Scan# 1394  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.7  | 26.5  | 39.7  |
| 141     | 55.9  | 54.6  | 81.8  |

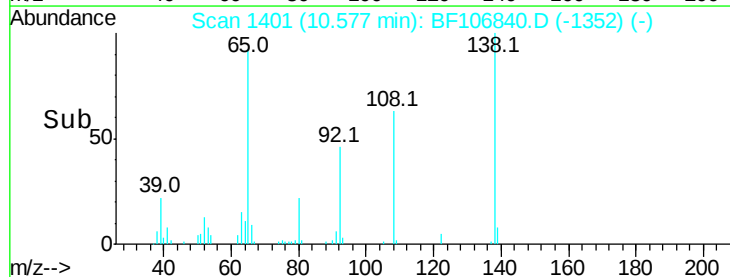
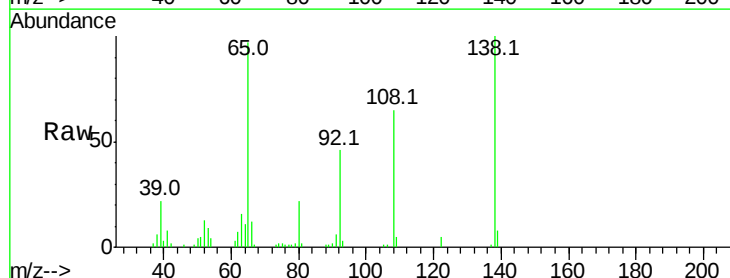
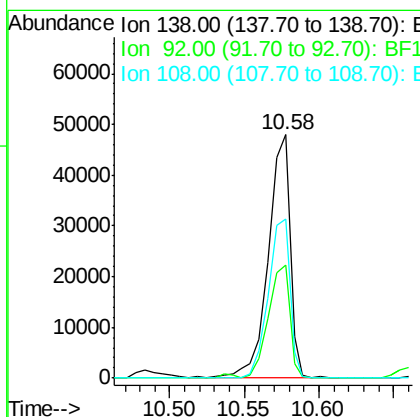
Manual Integrations  
APPROVED

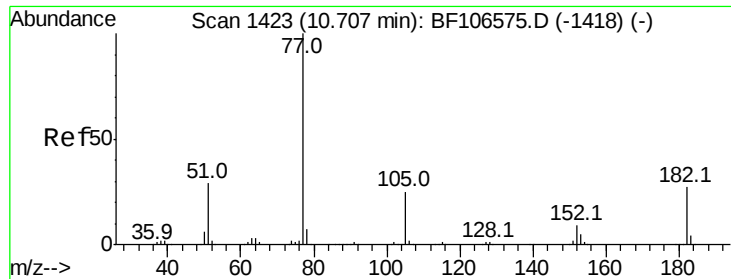
Sohil  
6/27/2018 2:14:31 PM



#61  
4-Nitroaniline  
Concen: 39.757 ng  
RT: 10.58 min Scan# 1401  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.2  | 30.2  | 70.2  |
| 108     | 65.3  | 52.5  | 92.5  |





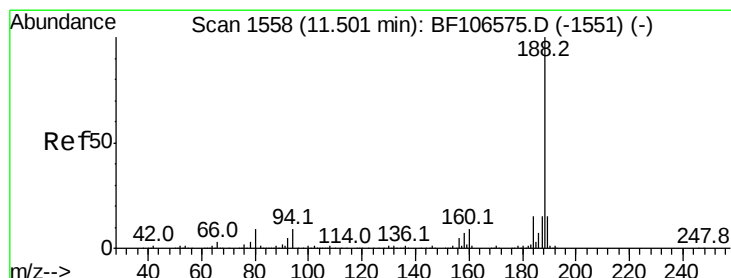
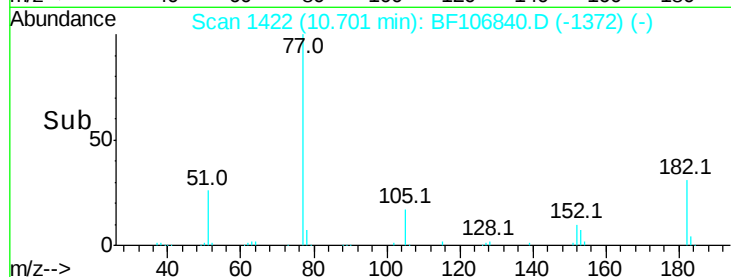
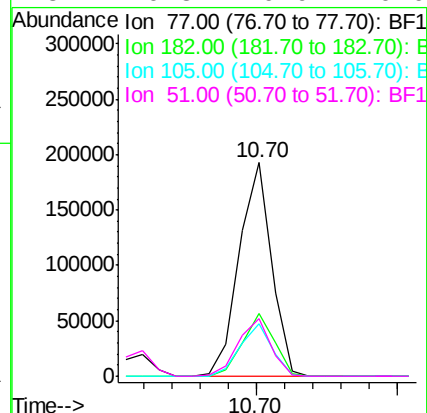
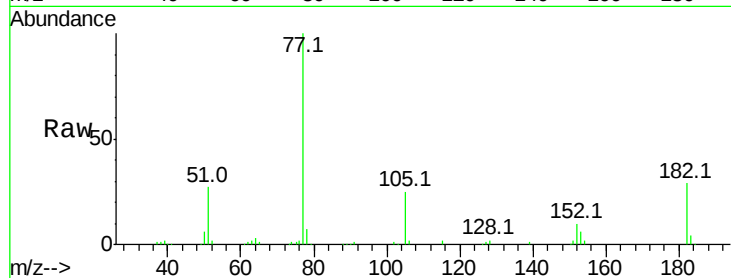
#62  
Azobenzene  
Concen: 31.991 ng  
RT: 10.70 min Scan# 1422  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 182     | 29.5  | 1.7  | 41.7  |       |
| 105     | 24.8  | 3.0  | 43.0  |       |
| 51      | 26.8  | 9.9  | 49.9  |       |

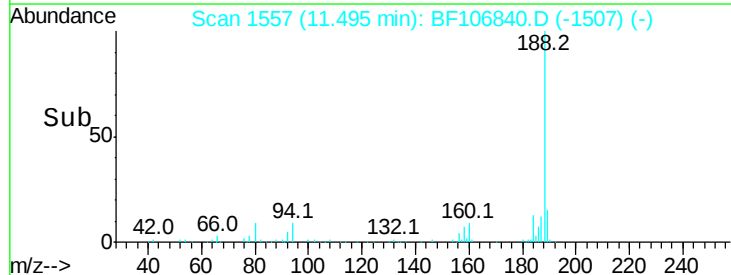
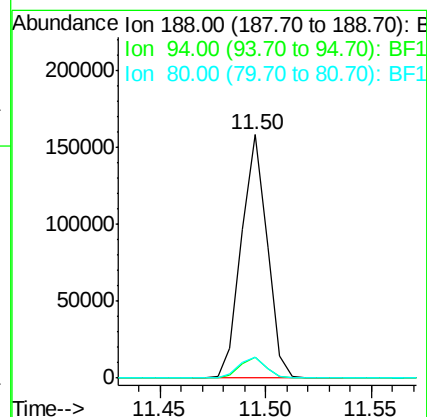
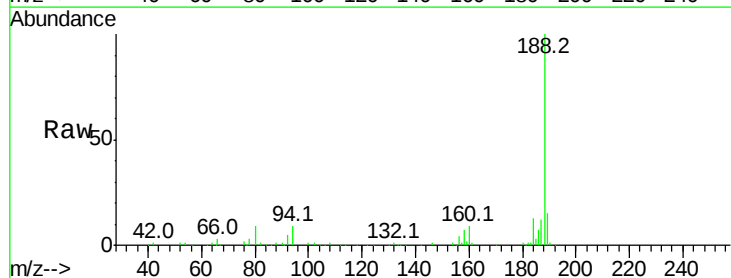
Manual Integrations  
APPROVED

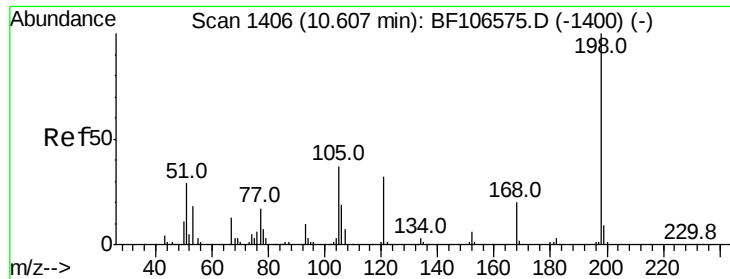
Sohil  
6/27/2018 2:14:31 PM



#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1557  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 8.5   | 8.5  | 12.7  |       |
| 80      | 8.7   | 9.2  | 13.8  |       |





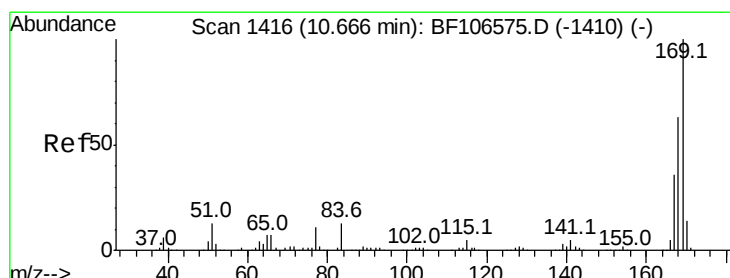
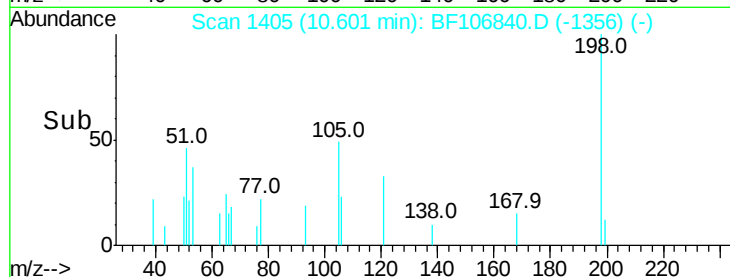
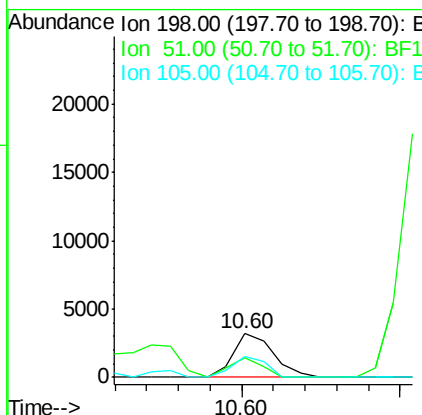
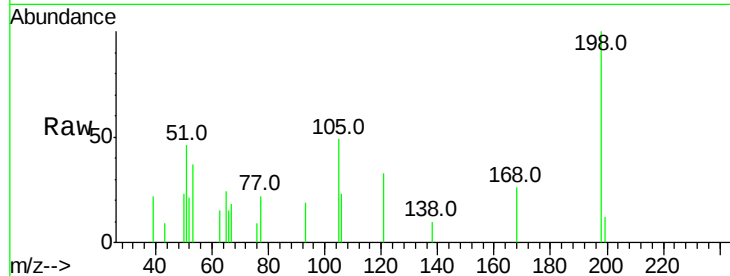
#64  
4,6-Dinitro-2-methylphenol  
Concen: 3.403 ng  
RT: 10.60 min Scan# 1405  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 45.7  | 37.7  | 77.7  |
| 105     | 49.0  | 36.3  | 76.3  |

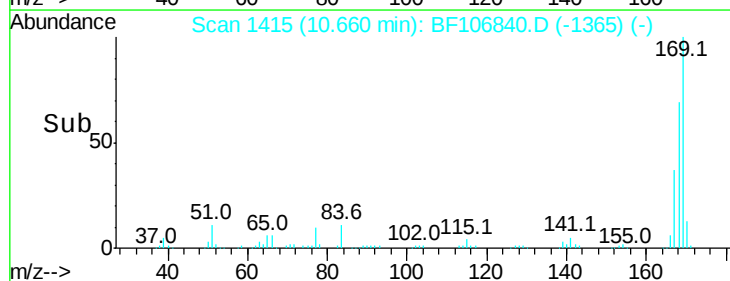
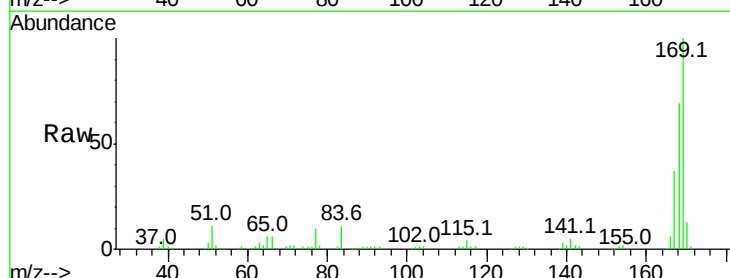
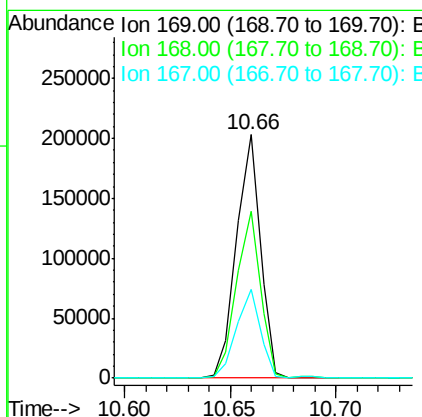
Manual Integrations  
APPROVED

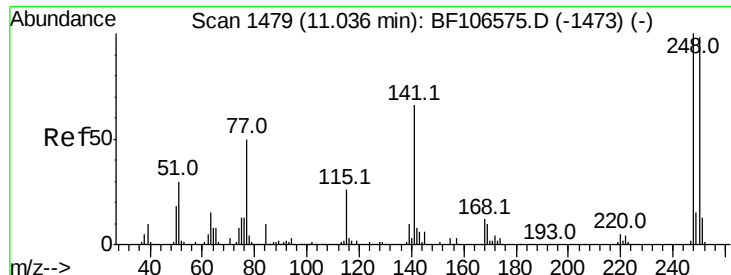
Sohil  
6/27/2018 2:14:31 PM



#65  
n-Nitrosodiphenylamine  
Concen: 35.700 ng  
RT: 10.66 min Scan# 1415  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.6  | 54.4  | 81.6  |
| 167     | 36.7  | 29.8  | 44.6  |





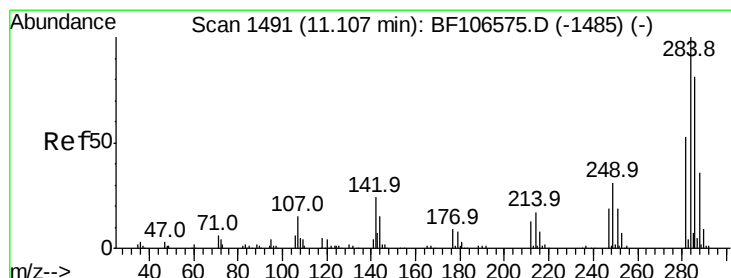
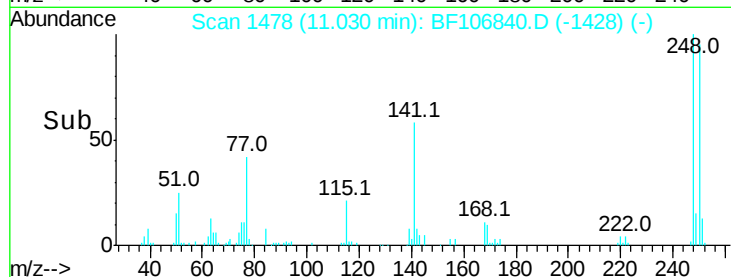
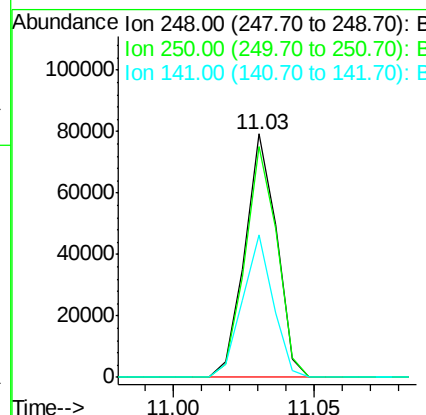
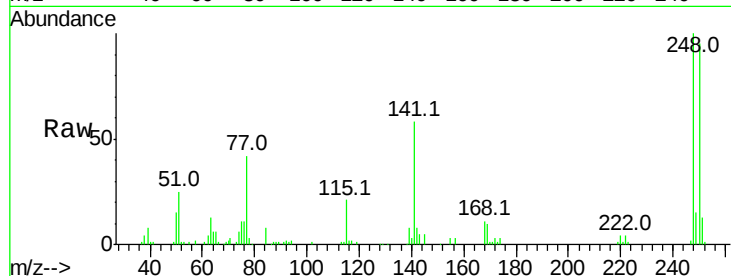
#66  
4-Bromophenyl-phenylether  
Concen: 38.997 ng  
RT: 11.03 min Scan# 1478  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.8  | 76.9  | 115.3 |
| 141     | 58.3  | 74.4  | 111.6 |

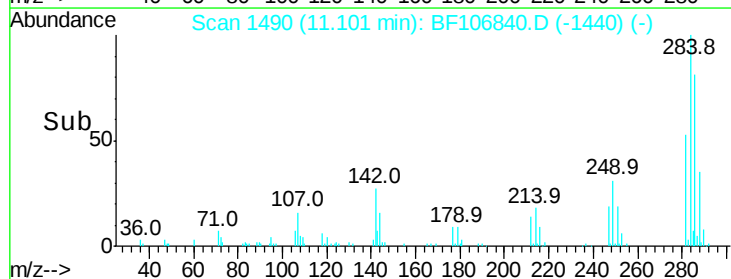
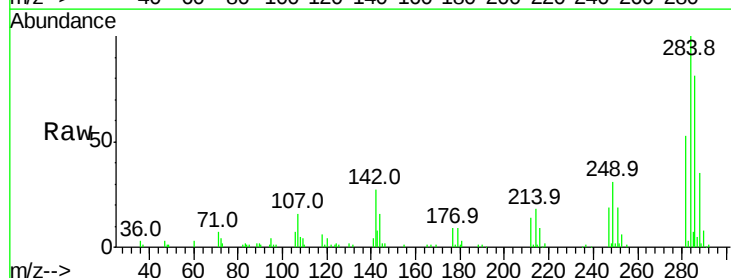
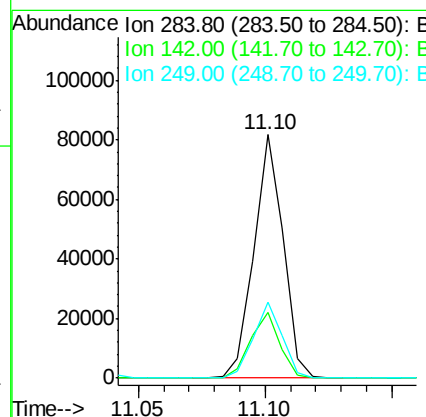
Manual Integrations  
APPROVED

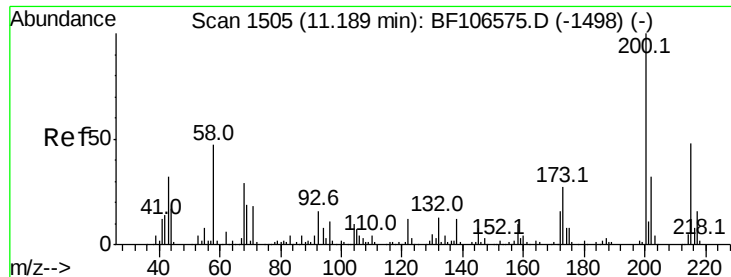
Sohil  
6/27/2018 2:14:31 PM



#67  
Hexachlorobenzene  
Concen: 39.266 ng  
RT: 11.10 min Scan# 1490  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.0  | 34.6  | 52.0  |
| 249     | 31.1  | 24.8  | 37.2  |





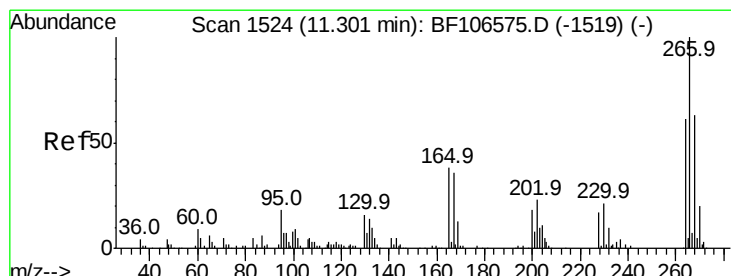
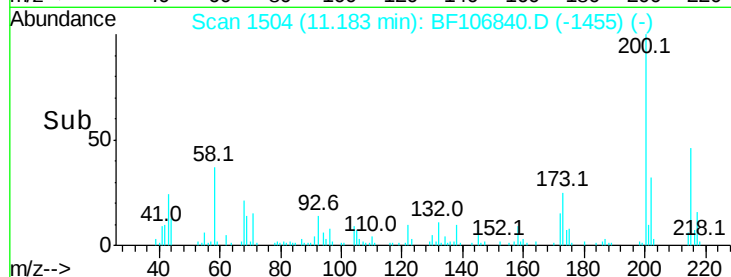
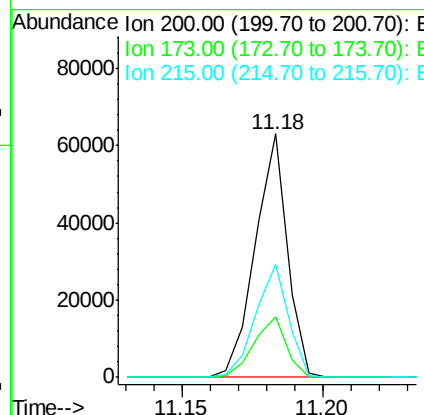
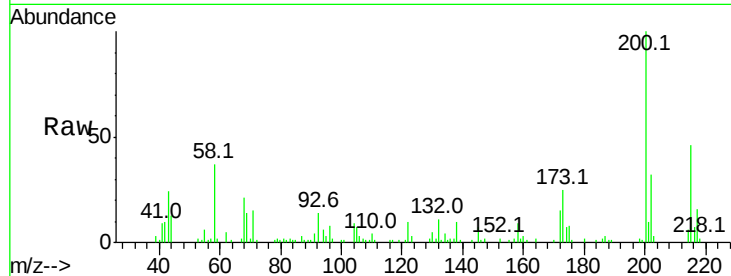
#68  
Atrazine  
Concen: 35.009 ng  
RT: 11.18 min Scan# 1504  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 24.8  | 8.6        | 48.6       |
| 215     | 46.4  | 25.1       | 65.1       |

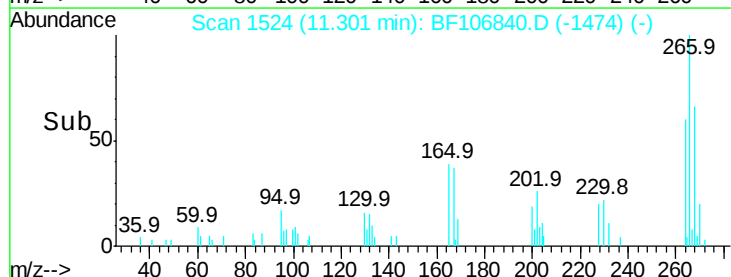
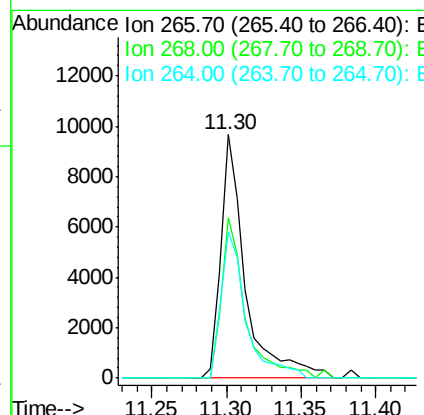
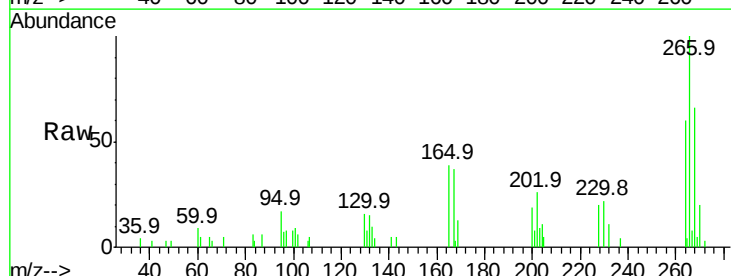
Manual Integrations  
APPROVED

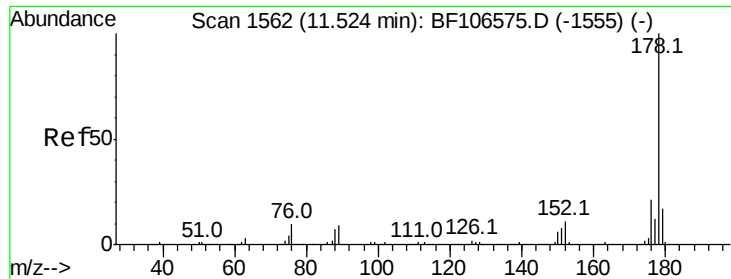
Sohil  
6/27/2018 2:14:31 PM



#69  
Pentachlorophenol  
Concen: 13.483 ng  
RT: 11.30 min Scan# 1524  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 65.7  | 51.1       | 76.7       |
| 264     | 60.3  | 49.5       | 74.3       |





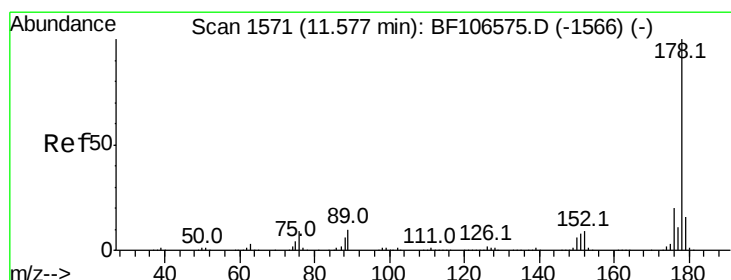
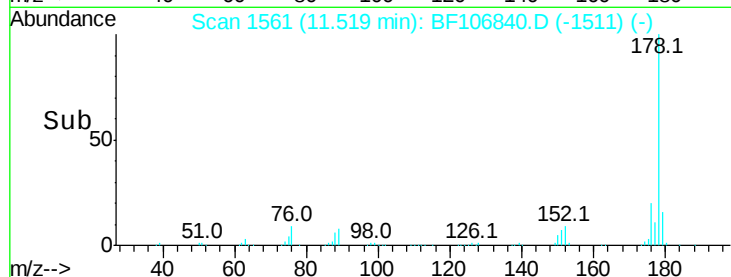
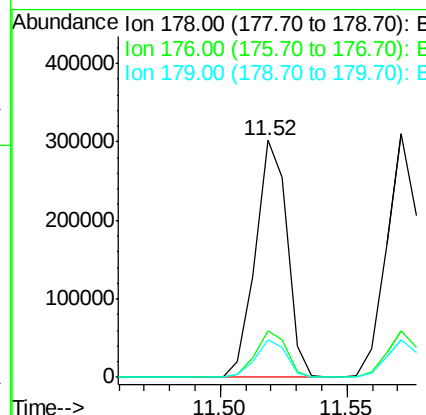
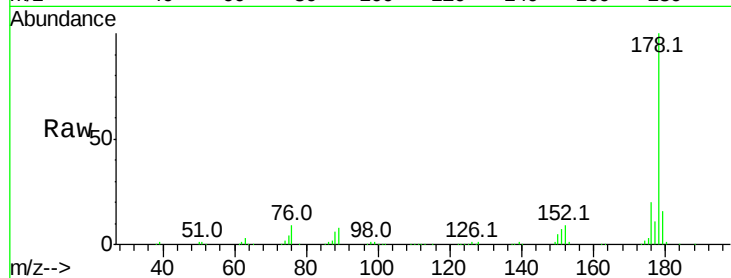
#70  
Phenanthrene  
Concen: 41.044 ng  
RT: 11.52 min Scan# 1561  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.8  | 23.8  |
| 179     | 15.7  | 13.0  | 19.6  |

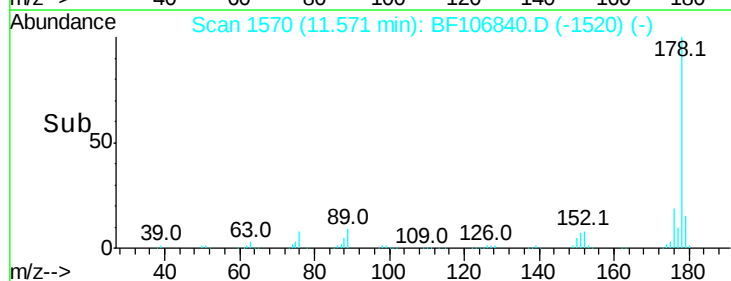
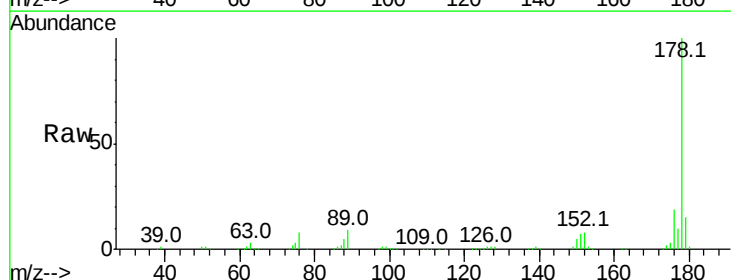
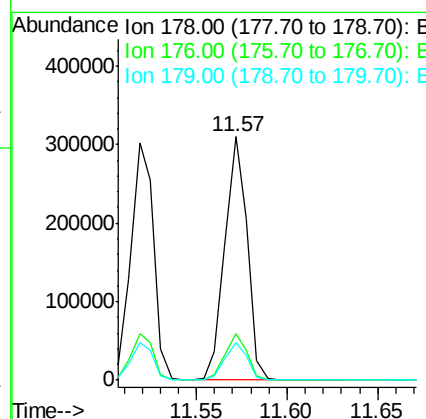
Manual Integrations  
APPROVED

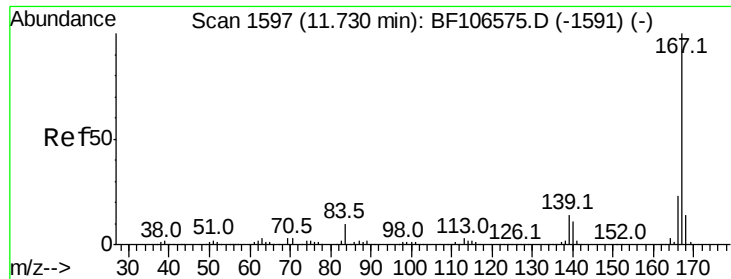
Sohil  
6/27/2018 2:14:31 PM



#71  
Anthracene  
Concen: 40.667 ng  
RT: 11.57 min Scan# 1570  
Delta R.T. -0.01 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

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





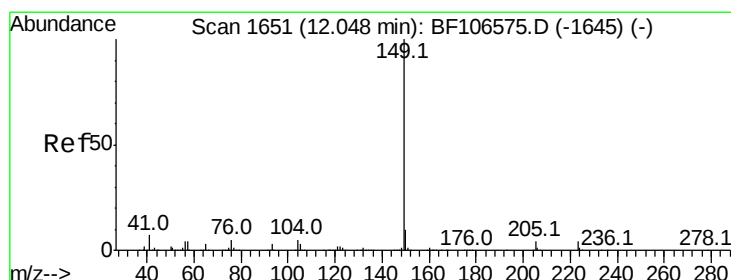
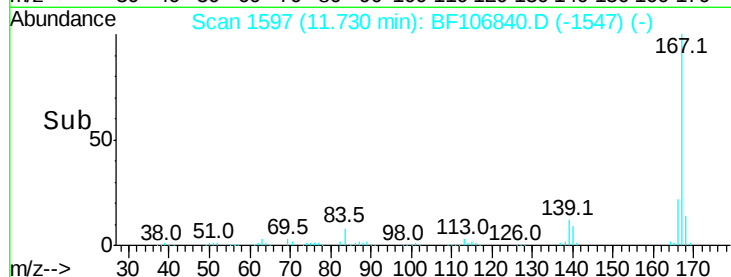
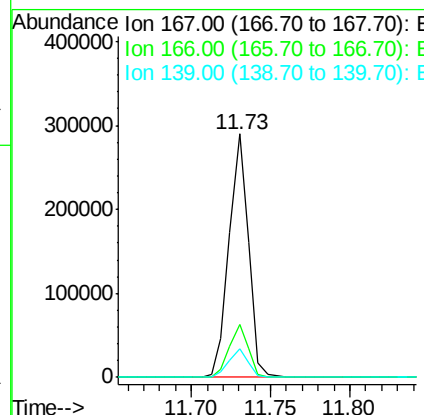
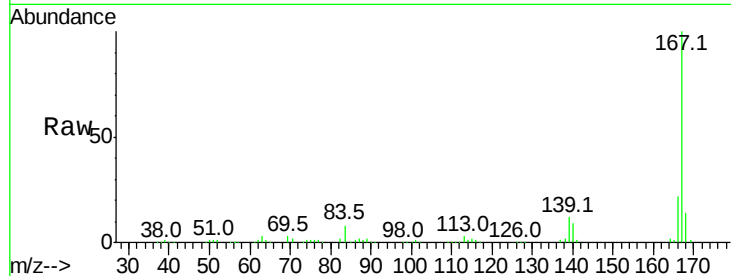
#72  
 Carbazole  
 Concen: 40.204 ng  
 RT: 11.73 min Scan# 1597  
 Delta R.T. -0.01 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 246770 |       |       |
| 166     | 21.9  |        | 17.6  | 26.4  |
| 139     | 11.7  |        | 10.9  | 16.3  |

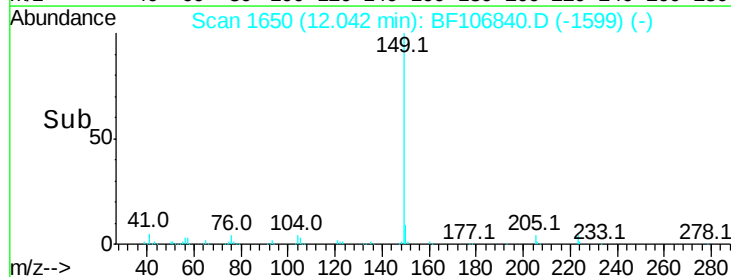
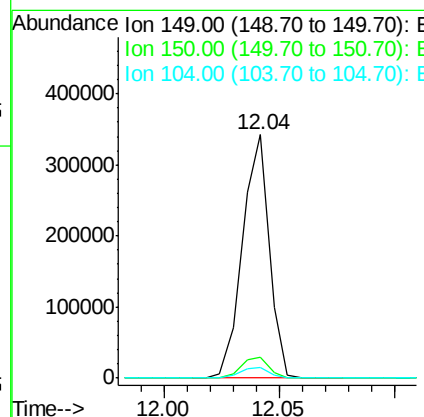
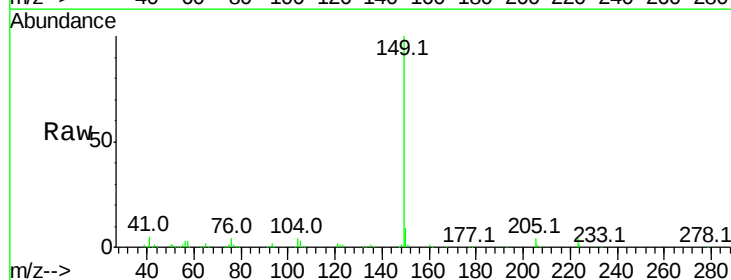
Manual Integrations  
 APPROVED

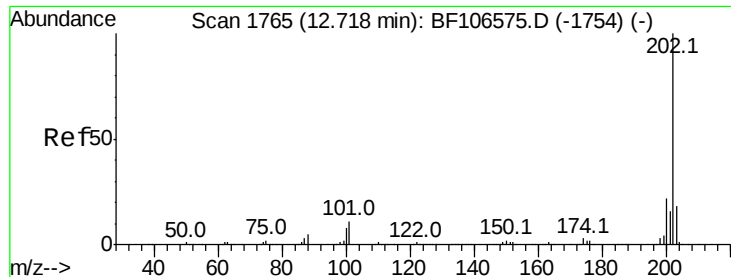
Sohil  
 6/27/2018 2:14:31 PM



#73  
 Di-n-butylphthalate  
 Concen: 38.413 ng  
 RT: 12.04 min Scan# 1650  
 Delta R.T. -0.00 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 277769 |       |       |
| 150     | 8.8   |        | 7.8   | 11.6  |
| 104     | 4.2   |        | 3.8   | 5.8   |





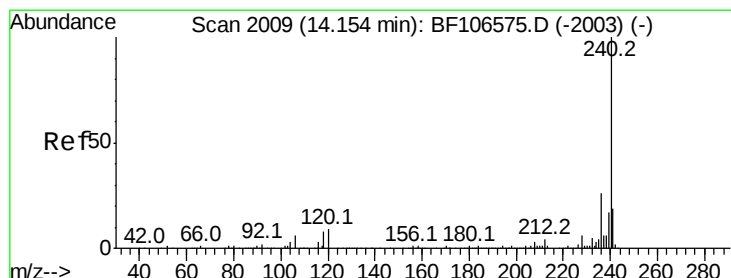
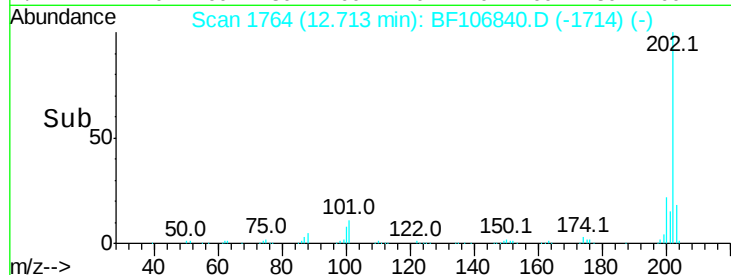
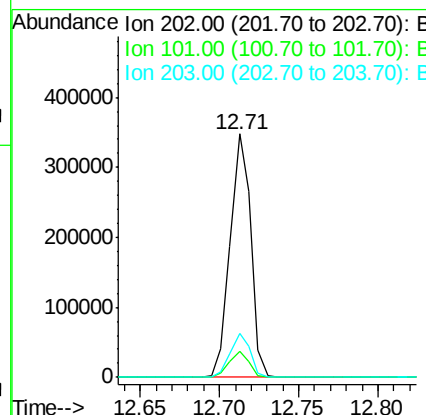
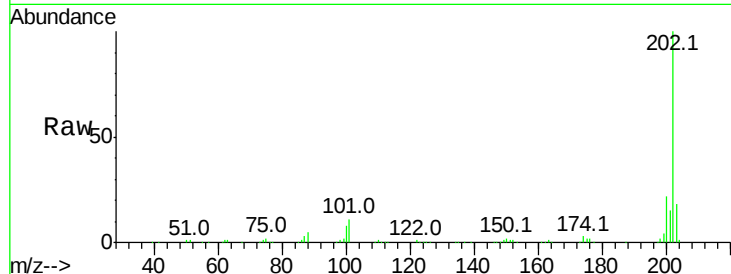
#74  
 Fluoranthene  
 Concen: 44.292 ng  
 RT: 12.71 min Scan# 1764  
 Delta R.T. -0.01 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 10.8  | 0.0        | 34.1  |
| 203     | 17.8  | 0.0        | 38.1  |

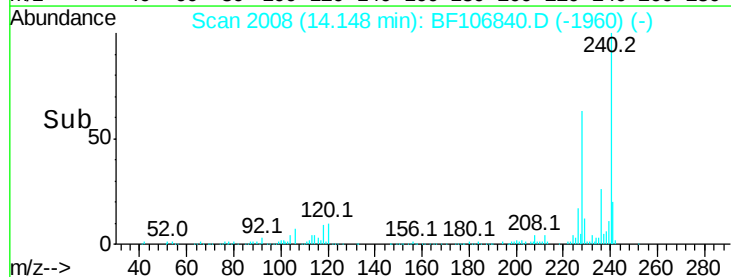
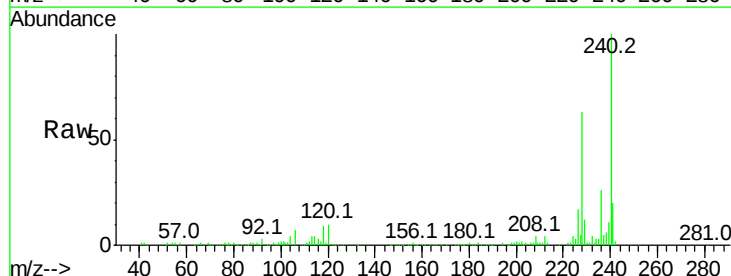
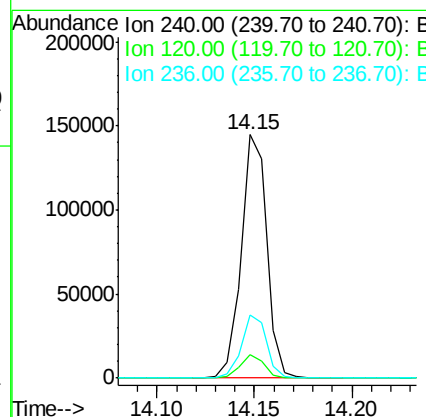
Manual Integrations  
 APPROVED

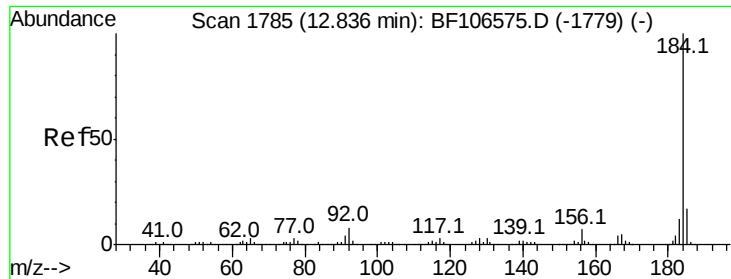
Sohil  
 6/27/2018 2:14:31 PM



#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.15 min Scan# 2008  
 Delta R.T. -0.02 min  
 Lab File: BF106840.D  
 Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 9.5   | 9.5        | 14.3# |
| 236     | 25.8  | 20.7       | 31.1  |





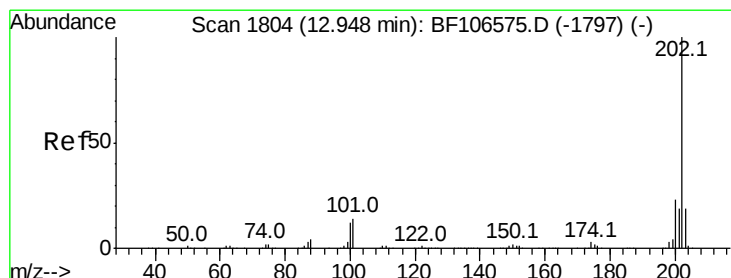
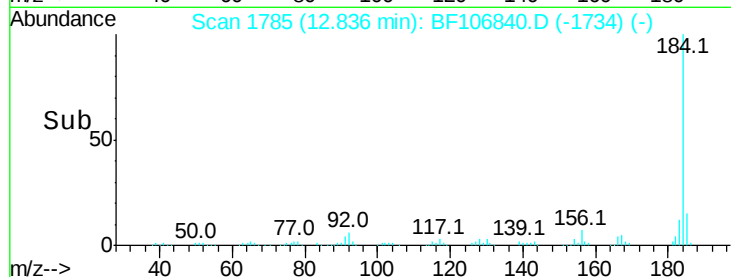
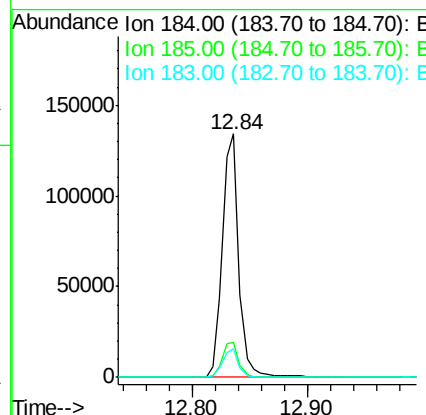
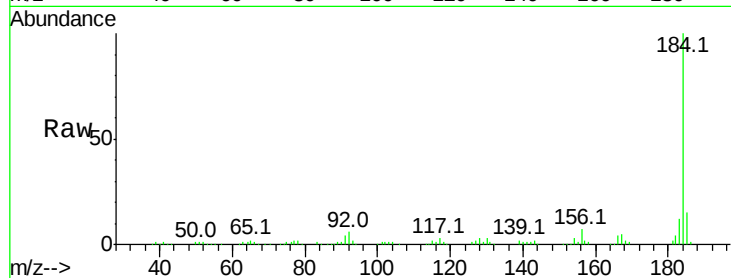
#76  
Benzidine  
Concen: 35.383 ng  
RT: 12.84 min Scan# 1785  
Delta R.T. -0.00 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.5  | 12.6  | 18.8  |
| 183     | 11.5  | 9.3   | 13.9  |

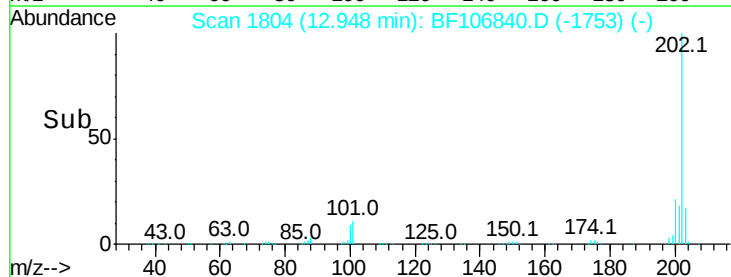
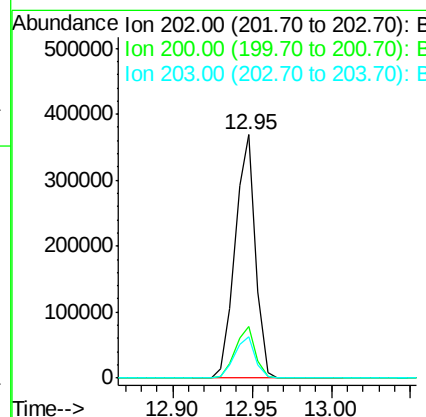
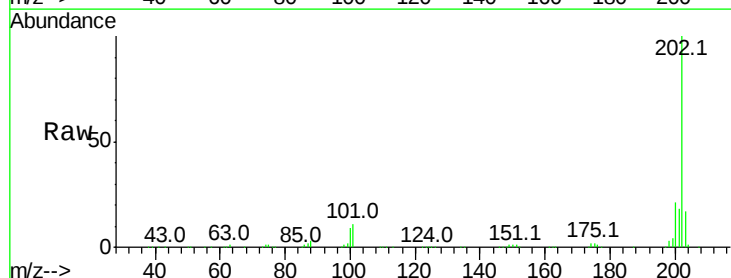
Manual Integrations  
APPROVED

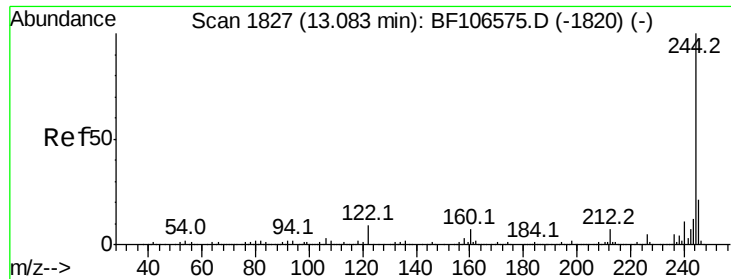
Sohil  
6/27/2018 2:14:31 PM



#77  
Pyrene  
Concen: 37.574 ng  
RT: 12.95 min Scan# 1804  
Delta R.T. -0.00 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.3  | 17.4  | 26.2  |
| 203     | 17.0  | 14.3  | 21.5  |





#78

Terphenyl-d14

Concen: 83.139 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Instrument :

BNA\_F

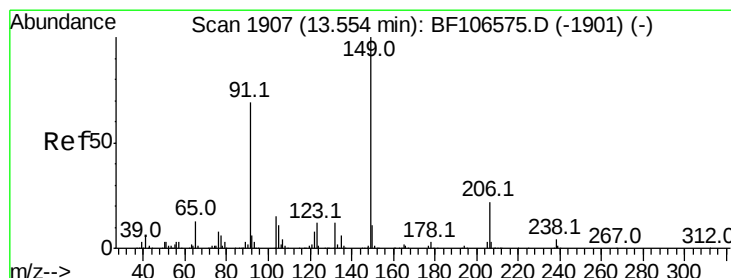
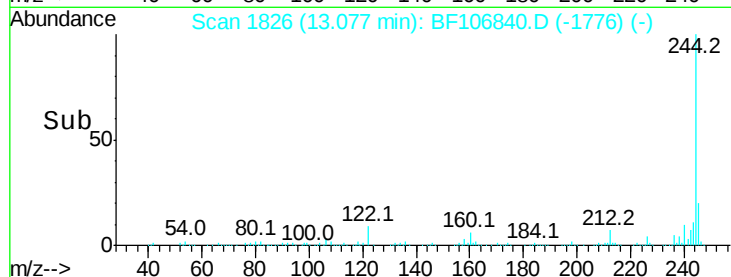
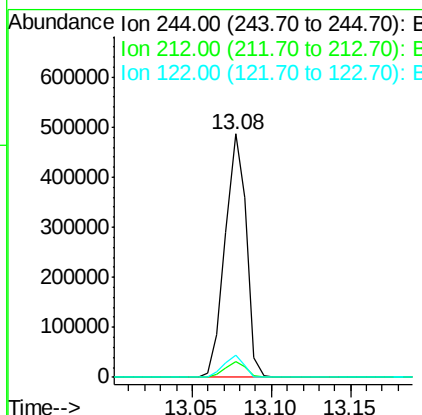
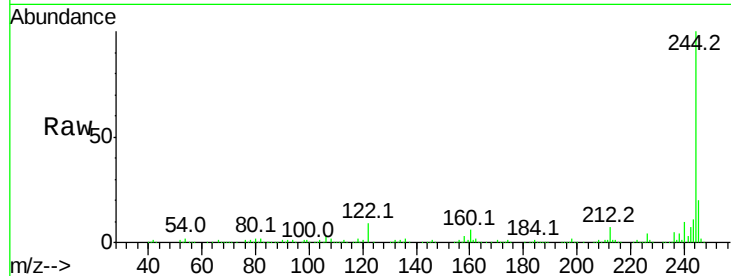
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.6   | 5.4   | 8.0   |
| 122     | 9.3   | 11.0  | 16.4  |

Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



#79

Butylbenzylphthalate

Concen: 36.391 ng

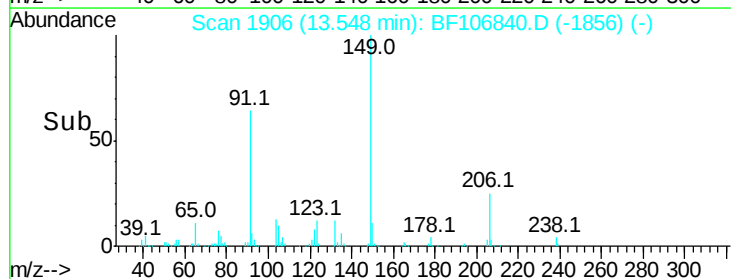
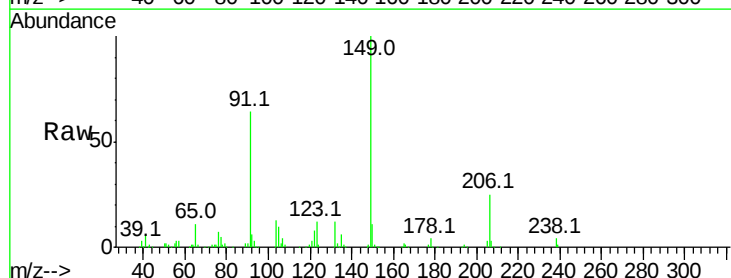
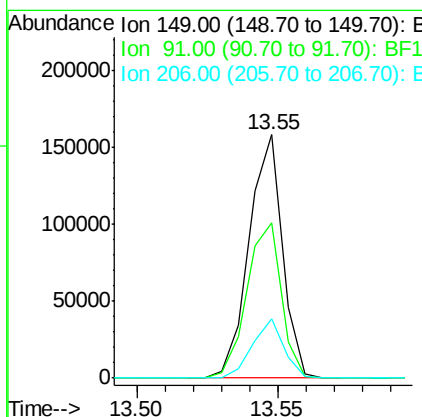
RT: 13.55 min Scan# 1906

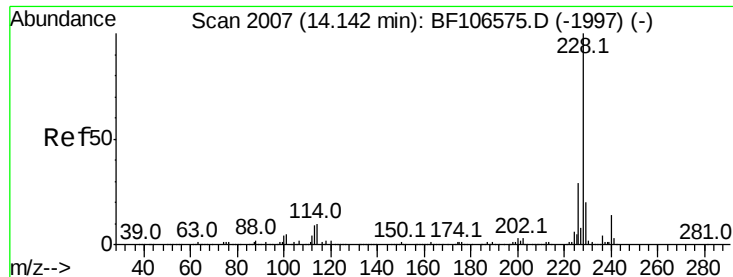
Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 63.9  | 56.8  | 85.2  |
| 206     | 24.5  | 14.1  | 21.1  |





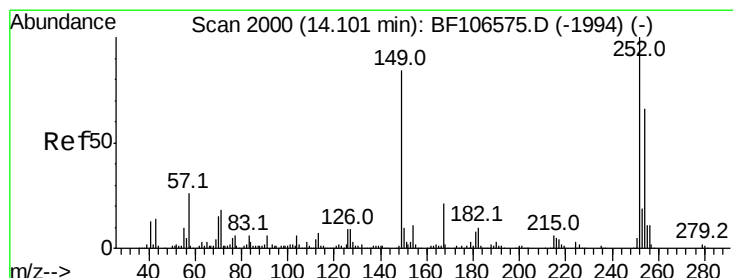
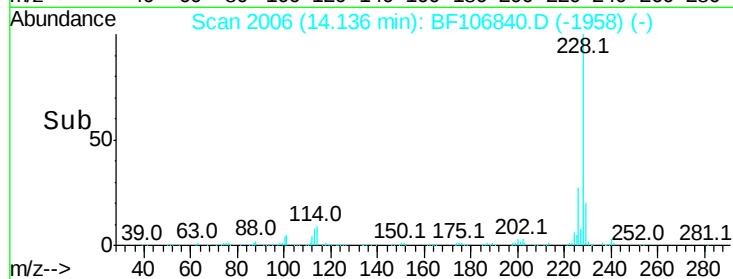
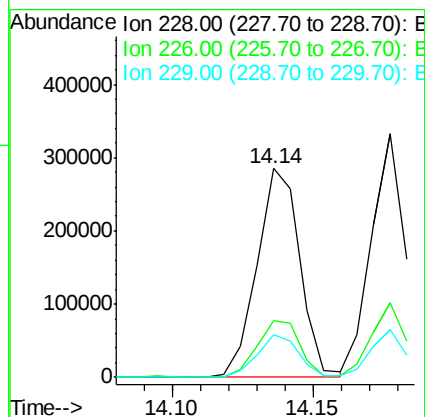
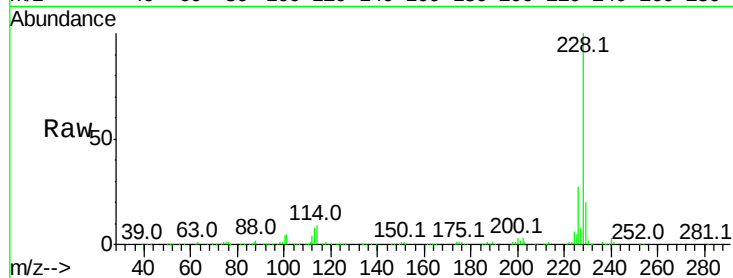
#80  
Benzo(a)anthracene  
Concen: 37.446 ng  
RT: 14.14 min Scan# 2006  
Delta R.T. -0.02 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.4  | 22.6  | 33.8  |
| 229     | 20.5  | 15.8  | 23.6  |

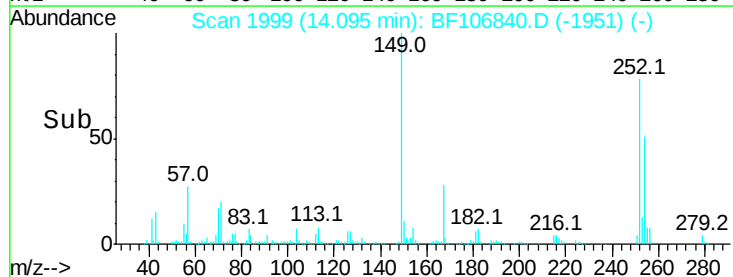
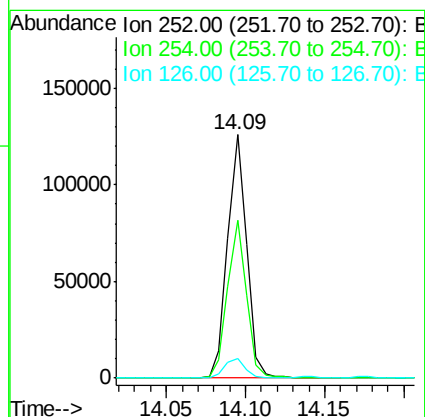
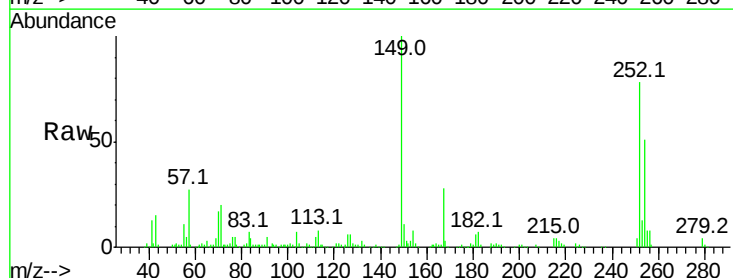
Manual Integrations  
APPROVED

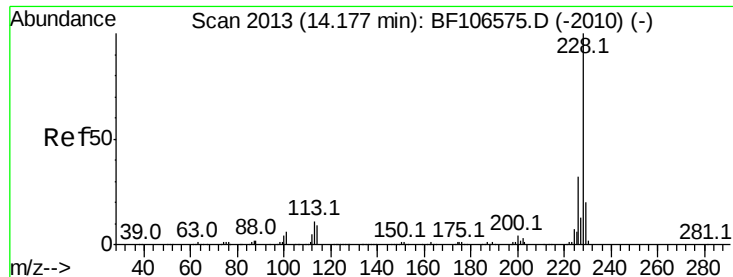
Sohil  
6/27/2018 2:14:31 PM



#81  
3,3'-Dichlorobenzidine  
Concen: 37.473 ng  
RT: 14.09 min Scan# 1999  
Delta R.T. -0.02 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.9  | 50.4  | 75.6  |
| 126     | 8.3   | 11.3  | 16.9# |





#82

Chrysene

Concen: 37.670 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

Instrument :

BNA\_F

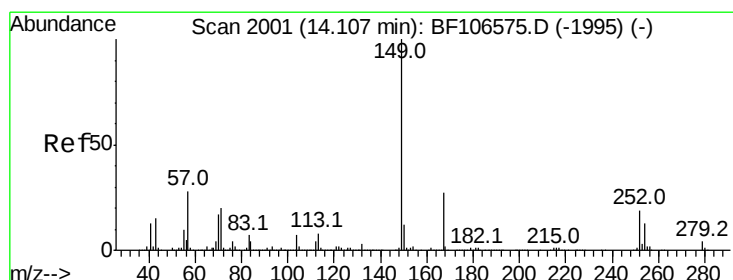
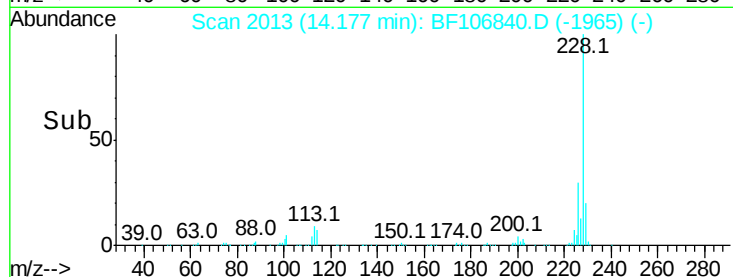
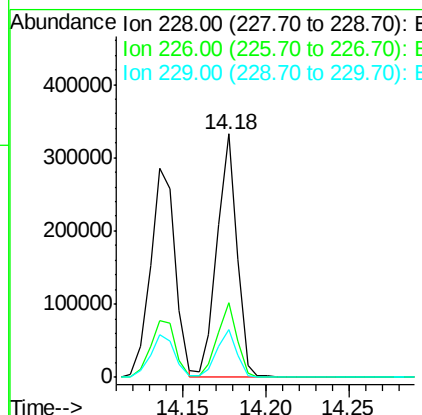
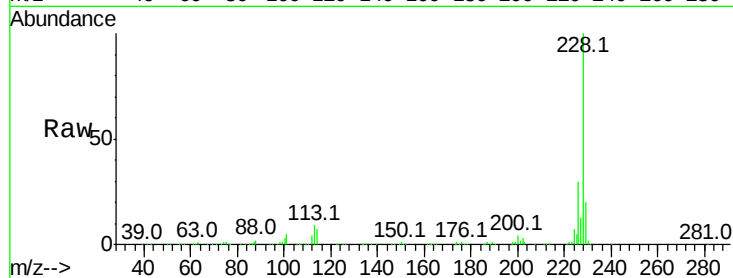
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 277380 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.5  | 25.0  | 37.6   |
| 229       | 19.8  | 16.2  | 24.4   |

Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.496 ng

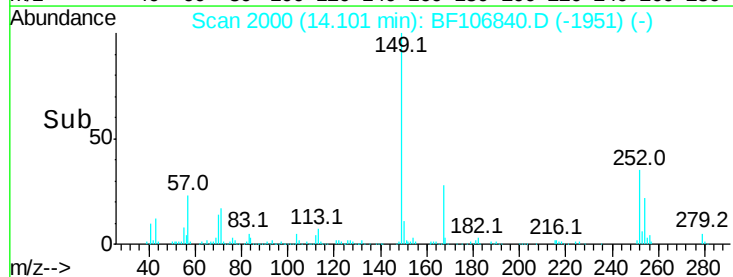
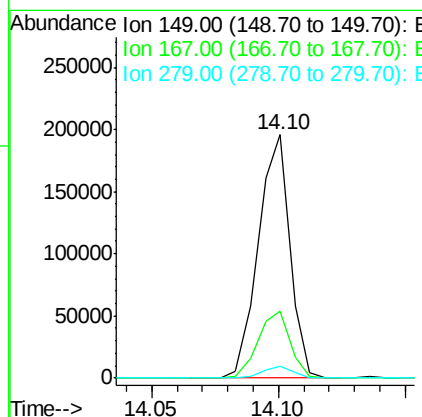
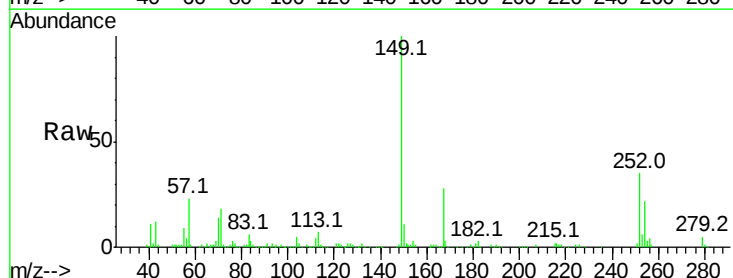
RT: 14.10 min Scan# 2000

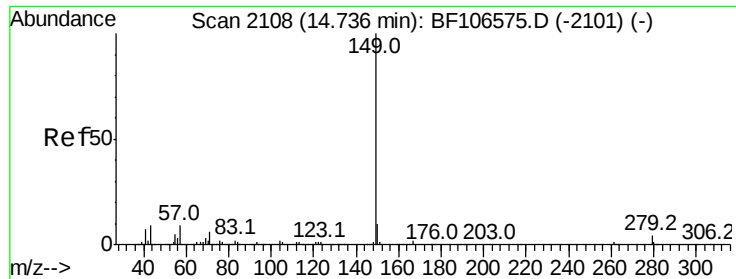
Delta R.T. -0.01 min

Lab File: BF106840.D

Acq: 26 Jun 2018 23:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 170679 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.7  | 21.3  | 31.9   |
| 279       | 5.0   | 3.0   | 4.4#   |





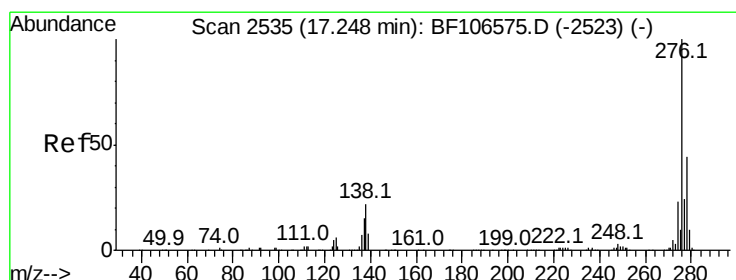
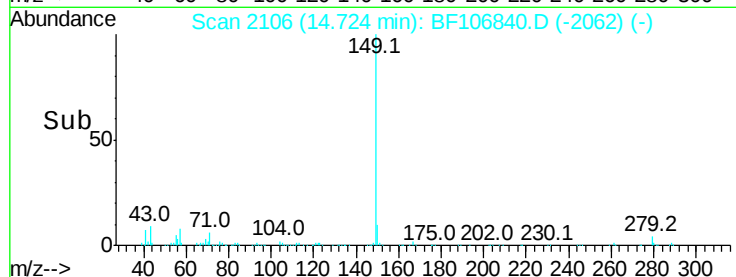
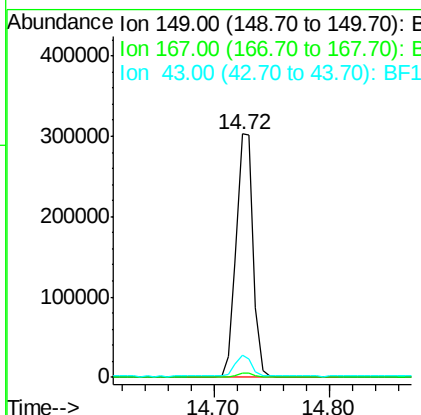
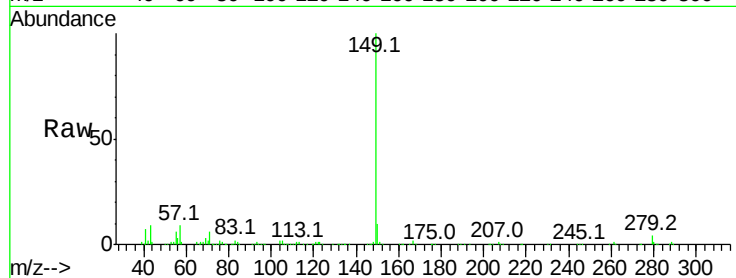
#84  
Di-n-octyl phthalate  
Concen: 41.619 ng  
RT: 14.72 min Scan# 2106  
Delta R.T. -0.04 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 1.6   | 1.2  | 1.8   |       |
| 43      | 8.5   | 8.4  | 12.6  |       |

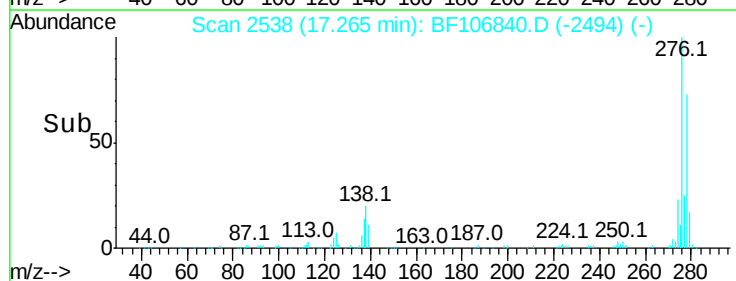
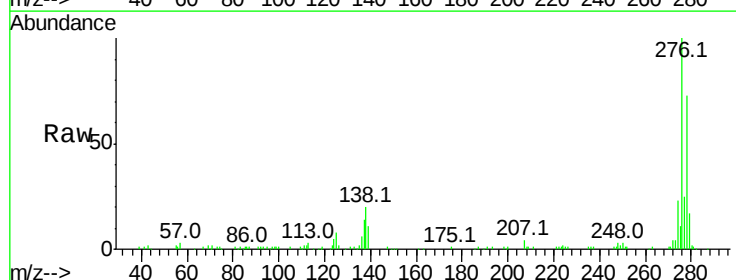
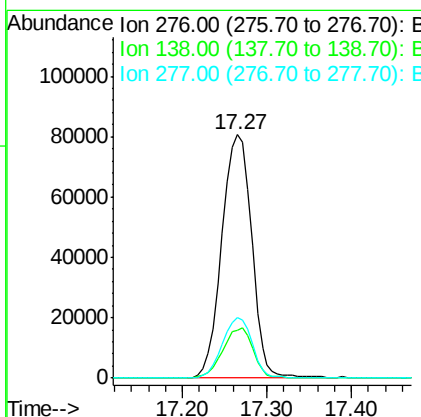
Manual Integrations  
APPROVED

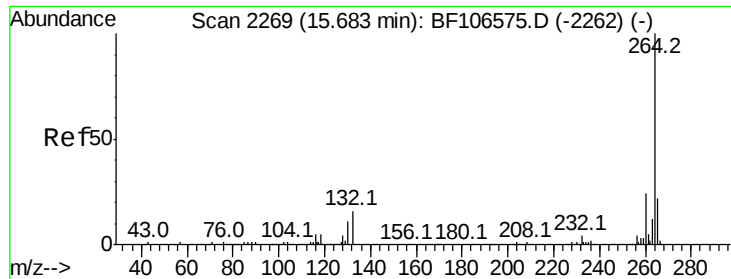
Sohil  
6/27/2018 2:14:31 PM



#85  
Indeno(1,2,3-cd)pyrene  
Concen: 31.711 ng  
RT: 17.27 min Scan# 2538  
Delta R.T. -0.04 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 276     | 100   |      |       |       |
| 138     | 20.5  | 25.0 | 37.6# |       |
| 277     | 24.7  | 20.1 | 30.1  |       |





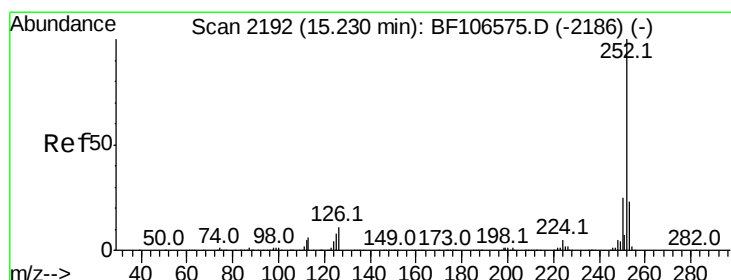
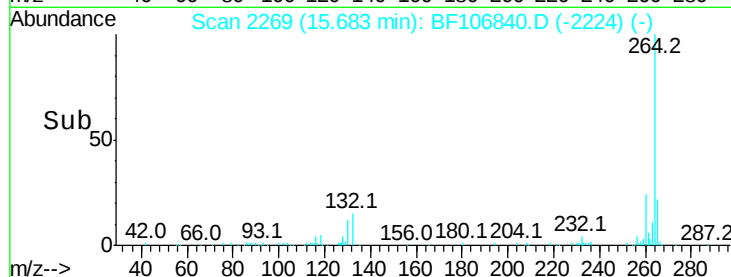
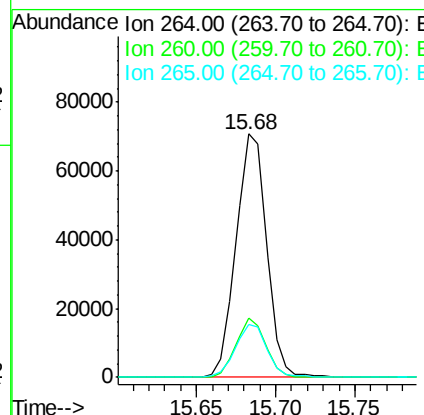
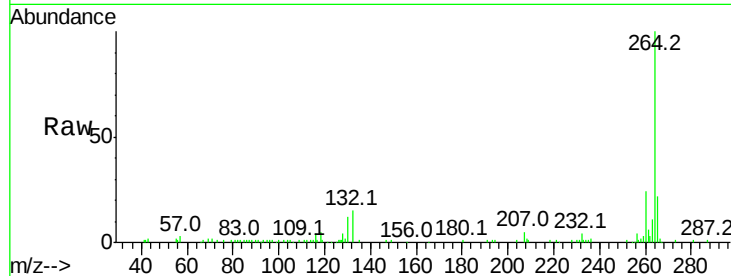
#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.68 min Scan# 2269  
Delta R.T. -0.04 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.2  | 28.8  |
| 265     | 22.0  | 17.5  | 26.3  |

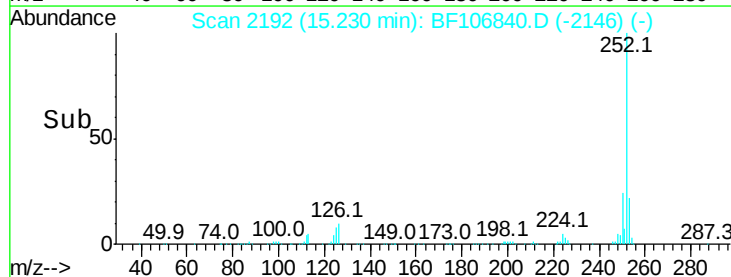
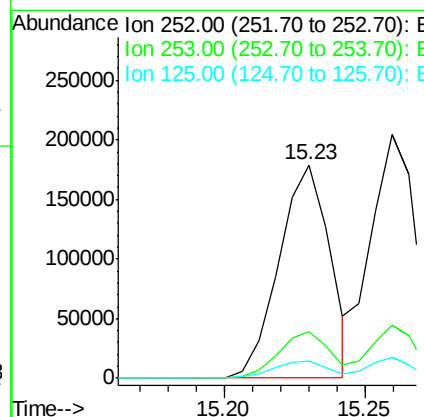
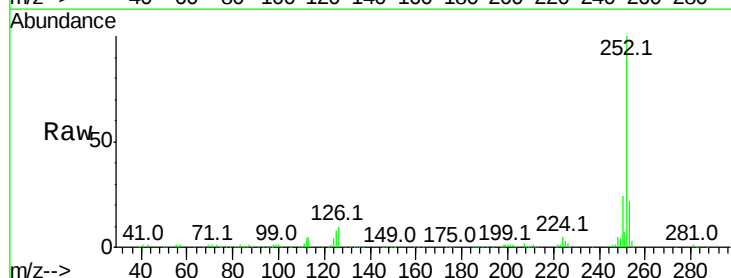
Manual Integrations  
APPROVED

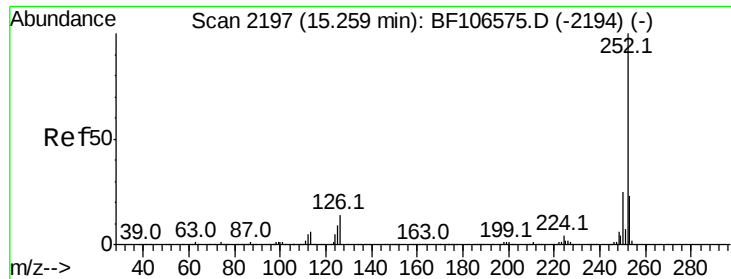
Sohil  
6/27/2018 2:14:31 PM



#87  
Benzo(b)fluoranthene  
Concen: 38.058 ng  
RT: 15.23 min Scan# 2192  
Delta R.T. -0.03 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.0  | 25.6  |
| 125     | 8.3   | 9.0   | 13.6# |





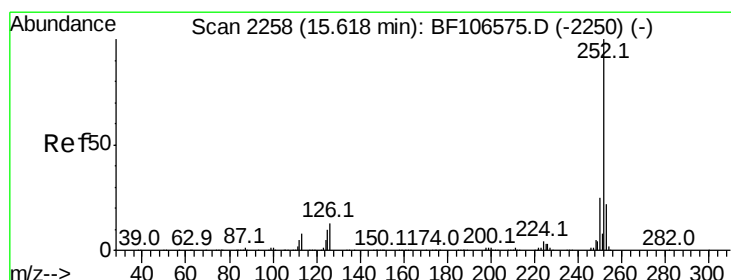
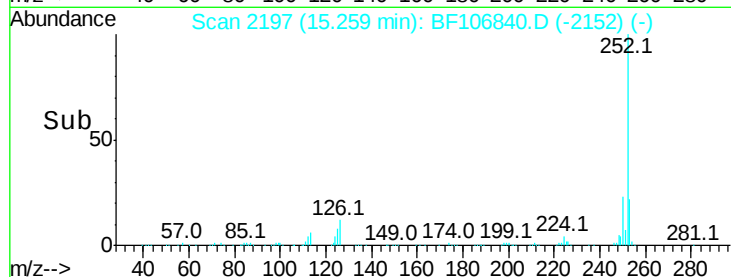
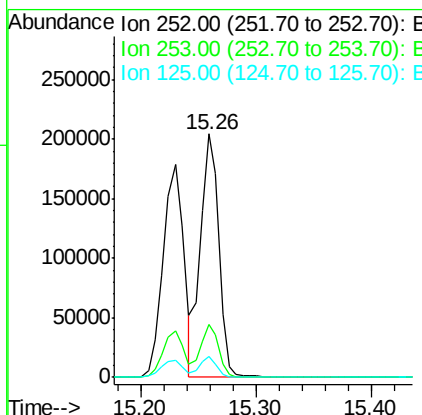
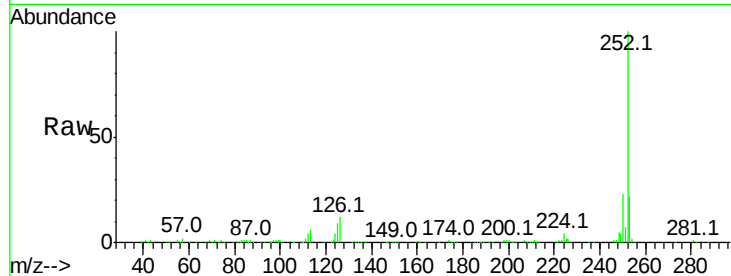
#88  
Benzo(k)fluoranthene  
Concen: 41.120 ng  
RT: 15.26 min Scan# 2197  
Delta R.T. -0.04 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.9  | 26.9  |
| 125     | 8.5   | 10.2  | 15.2# |

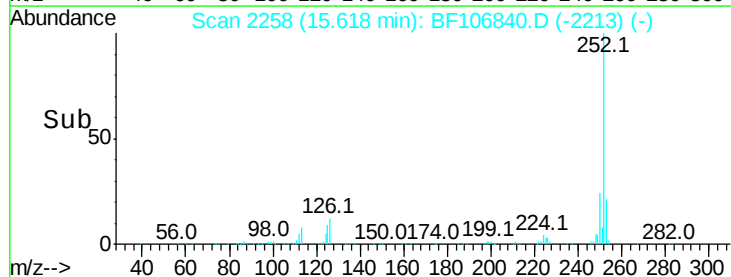
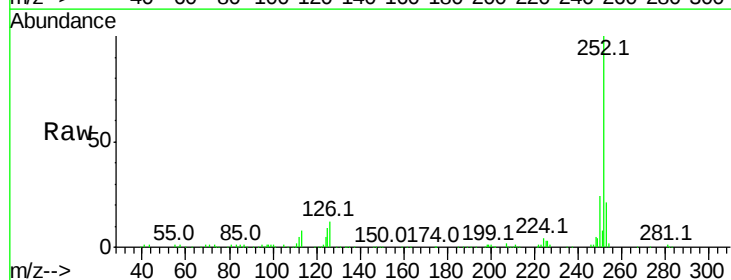
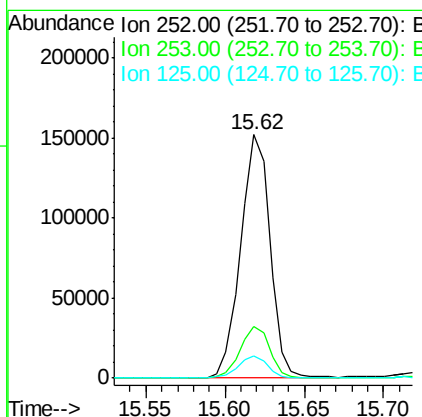
Manual Integrations  
APPROVED

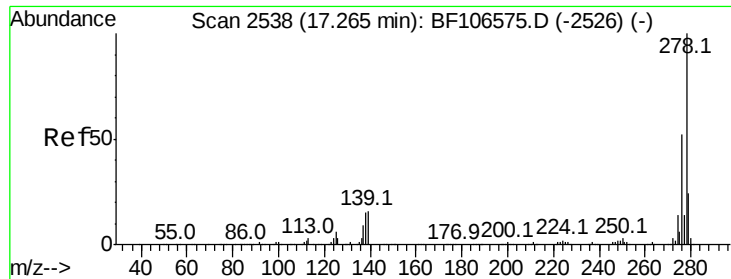
Sohil  
6/27/2018 2:14:31 PM



#89  
Benzo(a)pyrene  
Concen: 37.592 ng  
RT: 15.62 min Scan# 2258  
Delta R.T. -0.04 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.0  | 17.1  | 25.7  |
| 125     | 9.3   | 9.8   | 14.6# |





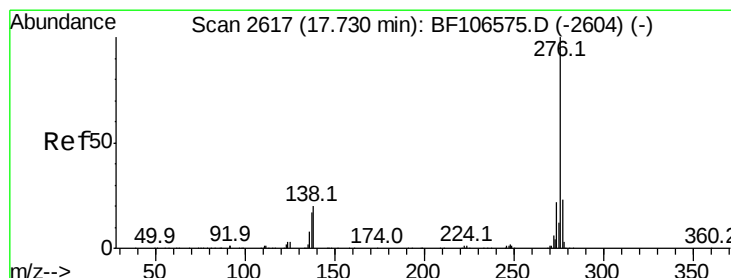
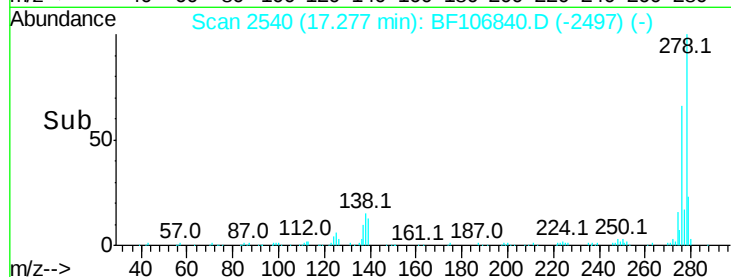
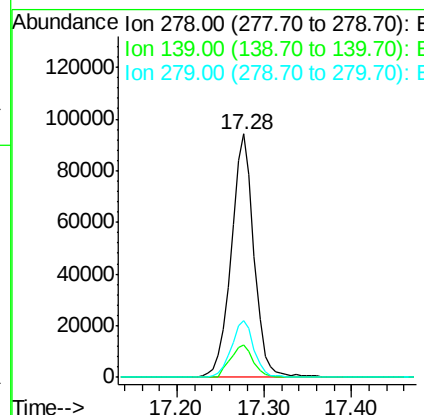
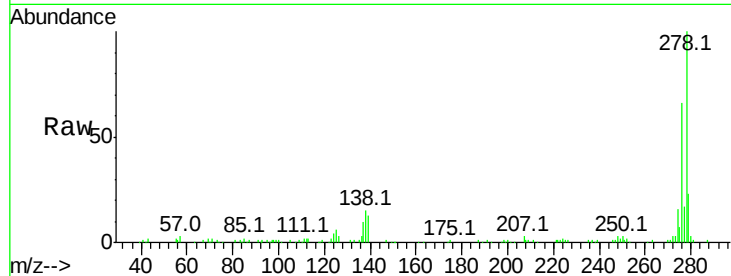
#90  
Dibenzo(a,h)anthracene  
Concen: 37.785 ng  
RT: 17.28 min Scan# 2540  
Delta R.T. -0.05 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.2  | 15.9  | 23.9# |
| 279     | 23.4  | 19.0  | 28.4  |

Manual Integrations  
APPROVED

Sohil  
6/27/2018 2:14:31 PM



#91  
Benzo(g,h,i)perylene  
Concen: 37.255 ng  
RT: 17.75 min Scan# 2620  
Delta R.T. -0.04 min  
Lab File: BF106840.D  
Acq: 26 Jun 2018 23:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 17.9  | 26.9  |
| 138     | 17.7  | 21.8  | 32.8# |

