

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF031919\  
 Data File : BF113161.D  
 Acq On : 20 Mar 2019 8:45  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

Sohil  
 3/20/2019 6:51:32 PM

Quant Time: Mar 20 09:23:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 03:42:55 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 178525   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.00  | 136  | 649297   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.76  | 164  | 287973   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.23 | 188  | 438548   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 13.86 | 240  | 288109   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.27 | 264  | 246237   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.33  | 112 | 795571  | 69.32 | ng | -0.01 |
| 7) Phenol-d6             | 6.37  | 99  | 1002807 | 69.56 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.29  | 82  | 867659  | 79.96 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.54 | 330 | 219117  | 71.67 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.08  | 172 | 1463137 | 83.89 | ng | -0.01 |
| 79) Terphenyl-d14        | 12.82 | 244 | 1263349 | 85.00 | ng | 0.00  |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.37 | 88  | 199158  | 34.619 | ng | 97     |
| 3) Pyridine                    | 3.08 | 79  | 512594  | 33.305 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.02 | 42  | 231238  | 34.345 | ng | 99     |
| 6) Aniline                     | 6.39 | 93  | 623730  | 31.431 | ng | # 32   |
| 8) 2-Chlorophenol              | 6.51 | 128 | 461017  | 36.086 | ng | 98     |
| 9) Benzaldehyde                | 6.27 | 77  | 279896  | 26.945 | ng | 99     |
| 10) Phenol                     | 6.39 | 94  | 559843  | 33.278 | ng | # 72   |
| 11) bis(2-Chloroethyl)ether    | 6.46 | 93  | 446292  | 34.562 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.66 | 146 | 468367  | 35.489 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.74 | 146 | 511973  | 38.683 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 445944  | 36.755 | ng | 98     |
| 15) Benzyl Alcohol             | 6.87 | 79  | 361033  | 32.842 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45  | 670839  | 31.131 | ng | 87     |
| 17) 2-Methylphenol             | 6.99 | 107 | 329703  | 31.812 | ng | 96     |
| 18) Hexachloroethane           | 7.23 | 117 | 149076  | 29.404 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 296594  | 32.484 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.15 | 107 | 414402  | 35.416 | ng | # 70   |
| 22) Acetophenone               | 7.13 | 105 | 615998  | 40.573 | ng | # 91   |
| 24) Nitrobenzene               | 7.31 | 77  | 453164  | 37.523 | ng | 97     |
| 25) Isophorone                 | 7.55 | 82  | 771596  | 33.007 | ng | 97     |
| 26) 2-Nitrophenol              | 7.62 | 139 | 175125  | 34.834 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.67 | 122 | 321833  | 34.410 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93  | 541090  | 37.022 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.87 | 162 | 366912  | 40.453 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.95 | 180 | 409378  | 42.006 | ng | 97     |
| 31) Naphthalene                | 8.03 | 128 | 1255790 | 38.956 | ng | 100    |
| 32) Benzoic acid               | 7.78 | 122 | 160169m | 24.433 | ng |        |
| 33) 4-Chloroaniline            | 8.08 | 127 | 501256  | 36.712 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.15 | 225 | 241494  | 43.938 | ng | 99     |
| 35) Caprolactam                | 8.45 | 113 | 108064m | 33.828 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 350797  | 34.948 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.72 | 142 | 722730  | 34.717 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.82 | 142 | 690182  | 34.225 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 360033  | 42.873 | ng | # 97   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF031919\  
 Data File : BF113161.D  
 Acq On : 20 Mar 2019 8:45  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

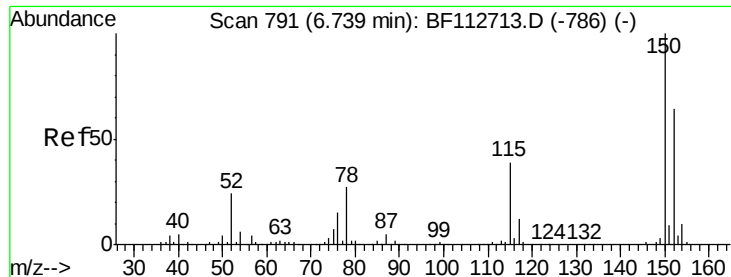
Sohil  
 3/20/2019 6:51:32 PM

Quant Time: Mar 20 09:23:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 03:42:55 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.87  | 237  | 16915    | 3.678  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.00  | 196  | 215629   | 37.310 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.05  | 196  | 228962   | 36.652 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.18  | 154  | 941401   | 40.079 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.20  | 162  | 690742   | 37.662 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.30  | 65   | 206712   | 37.080 | ng    | 92       |
| 49) Acenaphthylene             | 9.62  | 152  | 1185761  | 38.083 | ng    | 100      |
| 50) Dimethylphthalate          | 9.48  | 163  | 882415   | 41.557 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.55  | 165  | 177584   | 40.162 | ng #  | 78       |
| 52) Acenaphthene               | 9.79  | 154  | 666849   | 36.623 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.71  | 138  | 225504   | 41.854 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 9.82  | 184  | 2574     | 7.762  | ng #  | 71       |
| 55) Dibenzofuran               | 9.96  | 168  | 988647   | 37.358 | ng    | 95       |
| 56) 4-Nitrophenol              | 9.89  | 139  | 115967   | 26.483 | ng    | 87       |
| 57) 2,4-Dinitrotoluene         | 9.95  | 165  | 212348   | 38.635 | ng    | 87       |
| 58) Fluorene                   | 10.30 | 166  | 707235   | 37.653 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.09 | 232  | 159074   | 30.564 | ng    | 93       |
| 60) Diethylphthalate           | 10.18 | 149  | 853500   | 38.058 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.30 | 204  | 369028   | 42.228 | ng    | 90       |
| 62) 4-Nitroaniline             | 10.32 | 138  | 200014   | 40.174 | ng    | 94       |
| 63) Azobenzene                 | 10.46 | 77   | 720562   | 31.369 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 7582     | 8.416  | ng    | 77       |
| 66) n-Nitrosodiphenylamine     | 10.42 | 169  | 655265   | 46.589 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.78 | 248  | 223118   | 48.302 | ng    | 95       |
| 68) Hexachlorobenzene          | 10.86 | 284  | 240394   | 46.167 | ng #  | 88       |
| 69) Atrazine                   | 10.94 | 200  | 170025   | 39.471 | ng    | 99       |
| 70) Pentachlorophenol          | 11.05 | 266  | 100375   | 32.752 | ng    | 98       |
| 71) Phenanthrene               | 11.26 | 178  | 895855   | 41.058 | ng    | 99       |
| 72) Anthracene                 | 11.31 | 178  | 910468   | 39.862 | ng    | 99       |
| 73) Carbazole                  | 11.47 | 167  | 820414   | 36.821 | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.80 | 149  | 1025447  | 38.383 | ng    | 100      |
| 75) Fluoranthene               | 12.44 | 202  | 914303   | 39.111 | ng    | 97       |
| 77) Benzidine                  | 12.56 | 184  | 394139   | 26.368 | ng    | 99       |
| 78) Pyrene                     | 12.67 | 202  | 919095   | 37.841 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.29 | 149  | 393977   | 36.748 | ng    | 97       |
| 81) Benzo(a)anthracene         | 13.86 | 228  | 684897   | 34.300 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.82 | 252  | 284986   | 37.737 | ng    | 98       |
| 83) Chrysene                   | 13.89 | 228  | 688758   | 35.214 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.85 | 149  | 477798   | 37.995 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.46 | 149  | 837977   | 38.807 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 556033   | 33.346 | ng #  | 94       |
| 88) Benzo(b)fluoranthene       | 14.87 | 252  | 625214   | 39.254 | ng #  | 96       |
| 89) Benzo(k)fluoranthene       | 14.90 | 252  | 561492   | 38.920 | ng    | 97       |
| 90) Benzo(a)pyrene             | 15.22 | 252  | 540225   | 38.347 | ng #  | 96       |
| 91) Dibenzo(a,h)anthracene     | 16.64 | 278  | 467737   | 38.908 | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 17.04 | 276  | 437364   | 36.232 | ng #  | 94       |

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





#1

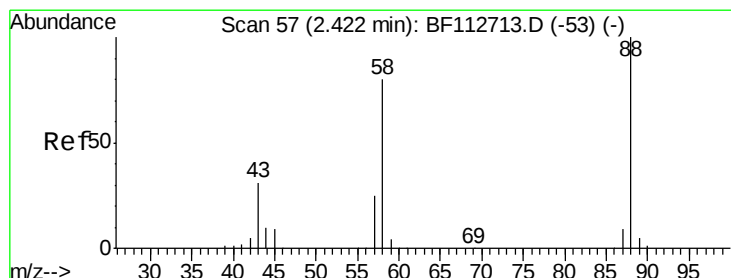
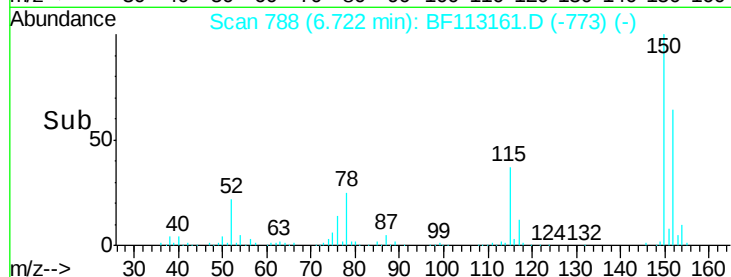
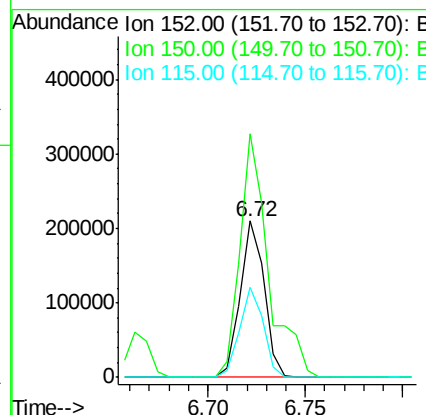
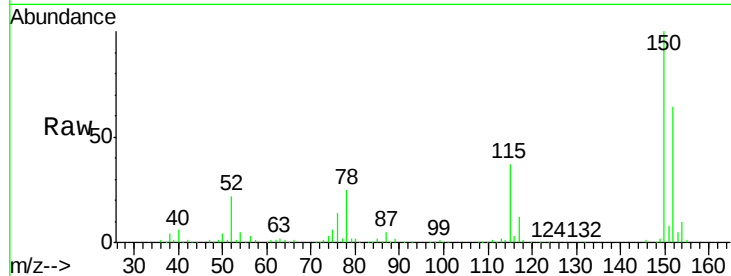
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 788  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.9 | 124.2 | 186.2 |
| 115     | 57.6  | 48.2  | 72.4  |

Manual Integrations  
APPROVED

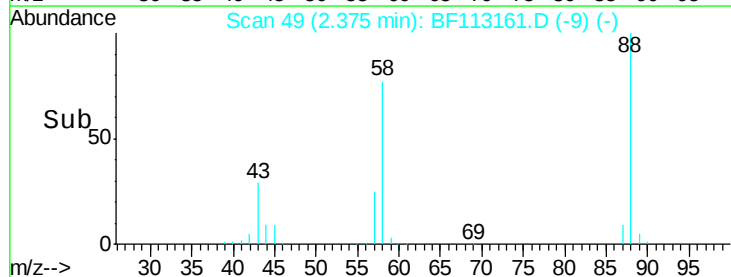
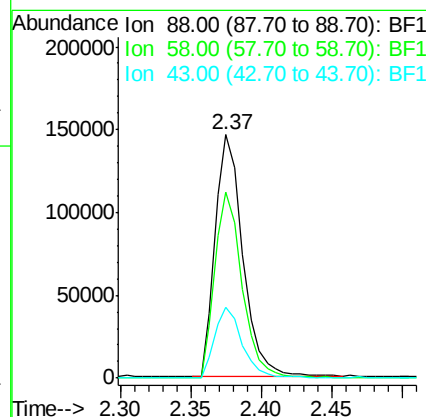
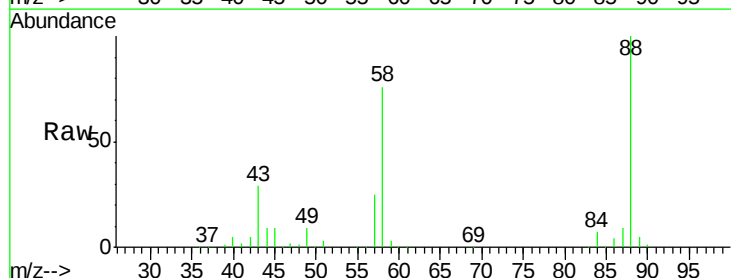
Sohil  
3/20/2019 6:51:32 PM

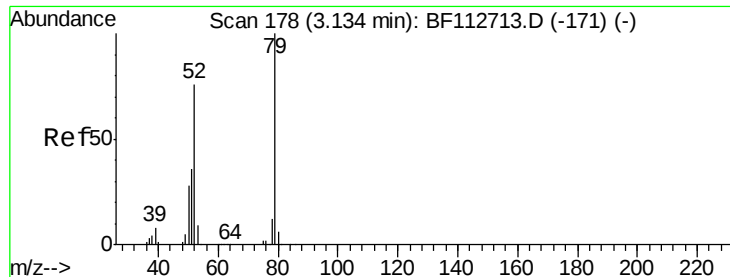


#2

1,4-Dioxane  
Concen: 34.619 ng  
RT: 2.37 min Scan# 49  
Delta R.T. -0.06 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.2  | 63.1  | 94.7  |
| 43      | 28.7  | 24.3  | 36.5  |





#3

Pyridine

Concen: 33.305 ng

RT: 3.08 min Scan# 169

Delta R.T. -0.06 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

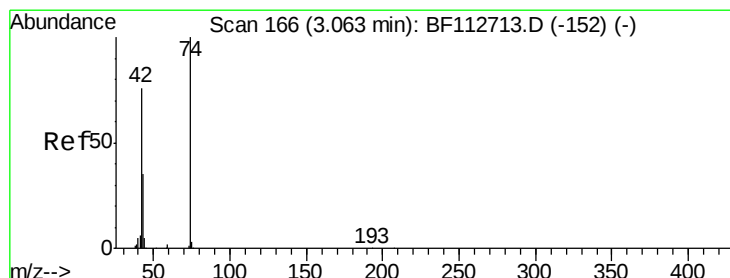
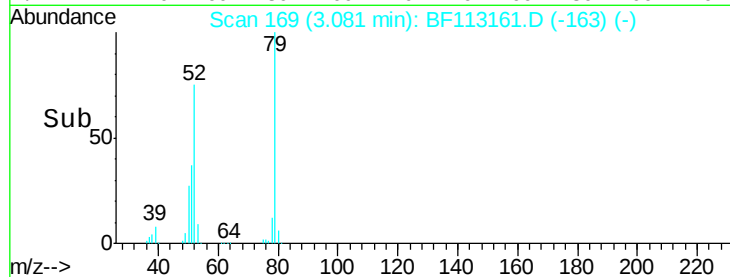
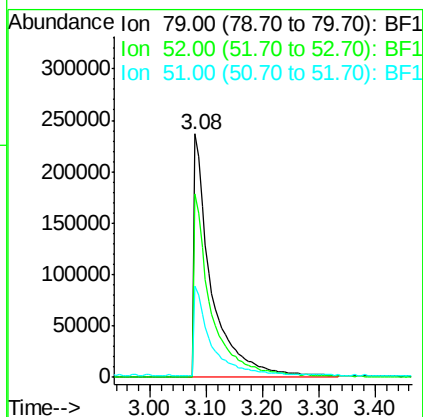
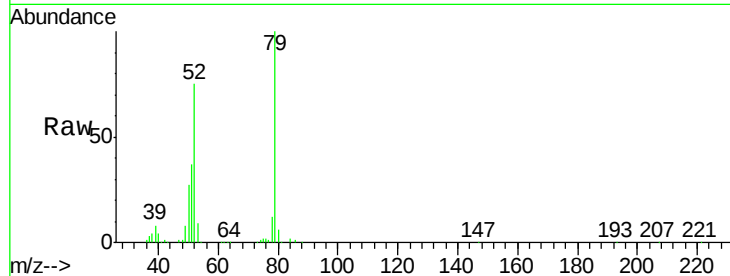
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 512594 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 75.3  | 60.5  | 90.7   |
| 51        | 37.4  | 28.8  | 43.2   |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



#4

n-Nitrosodimethylamine

Concen: 34.345 ng

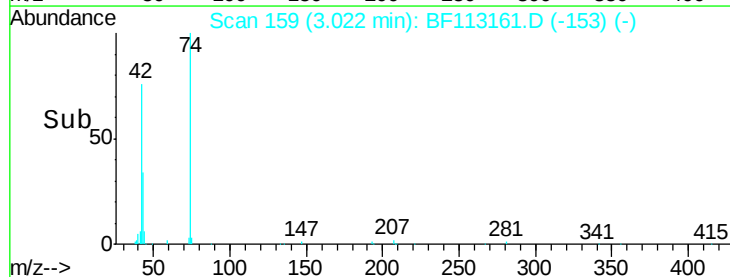
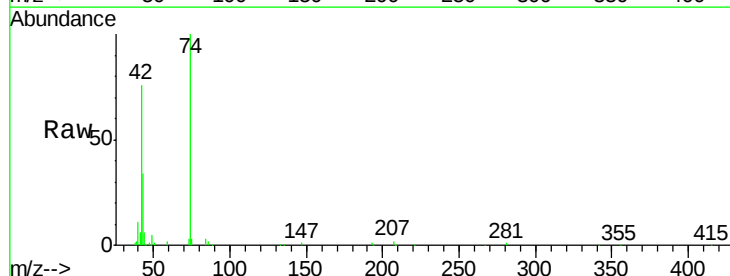
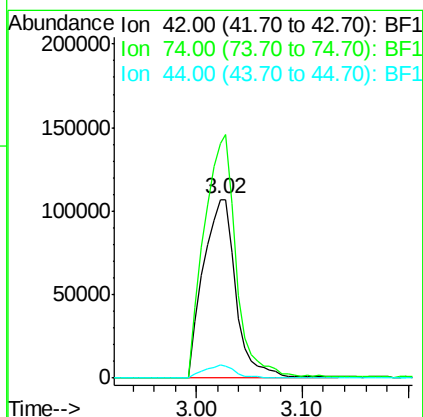
RT: 3.02 min Scan# 159

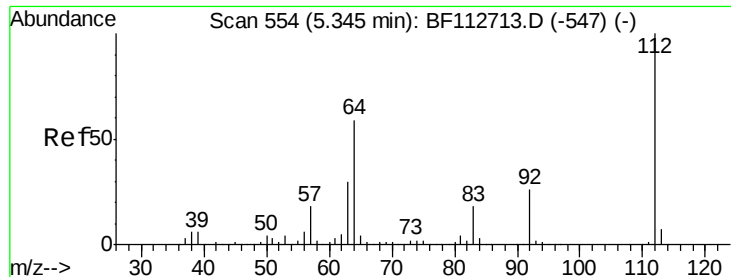
Delta R.T. -0.06 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 231238 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 131.4 | 105.8 | 158.8  |
| 44        | 7.4   | 6.2   | 9.2    |





#5

2-Fluorophenol

Concen: 69.321 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

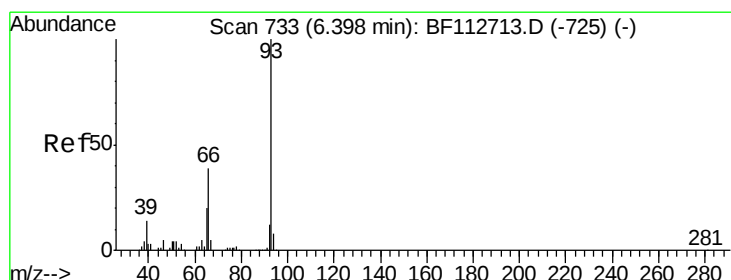
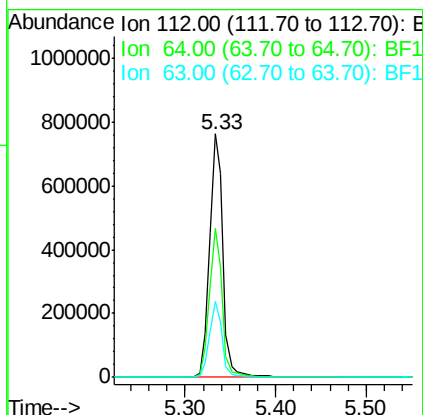
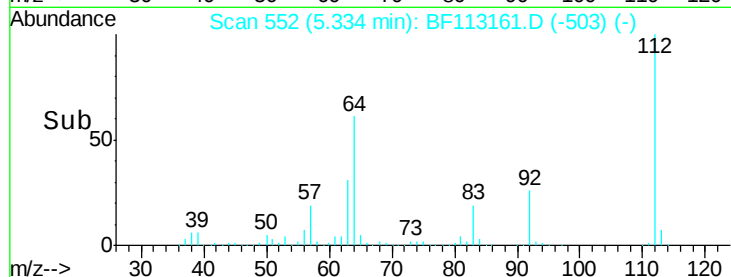
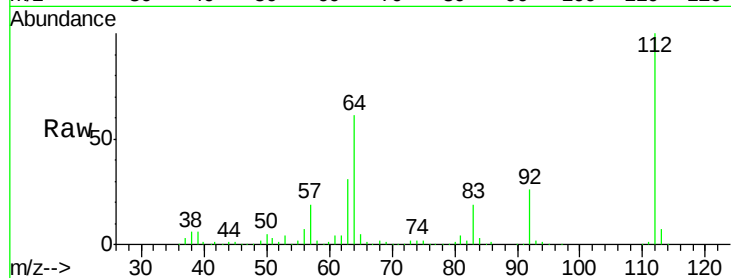
ClientSampleID :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 795571 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 61.3  | 47.6  | 71.4   |
| 63        | 31.2  | 24.4  | 36.6   |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



#6

Aniline

Concen: 31.431 ng

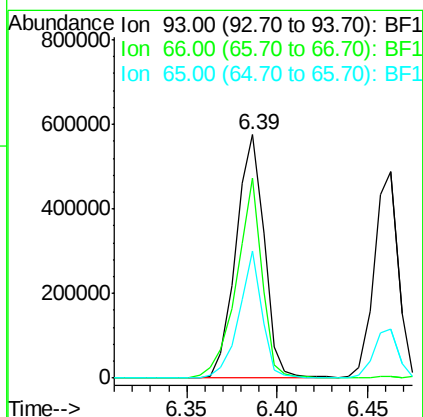
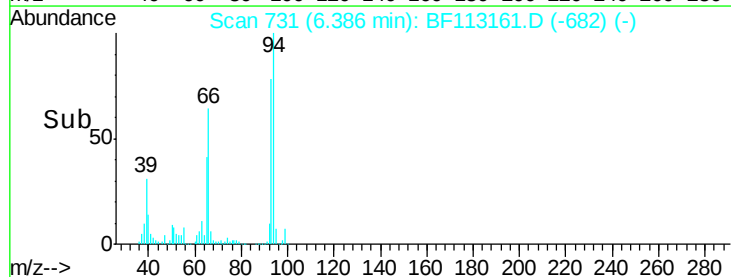
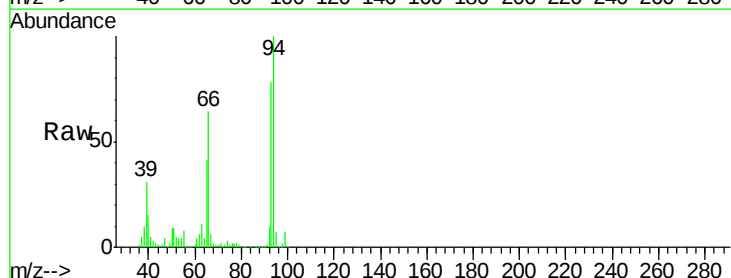
RT: 6.39 min Scan# 731

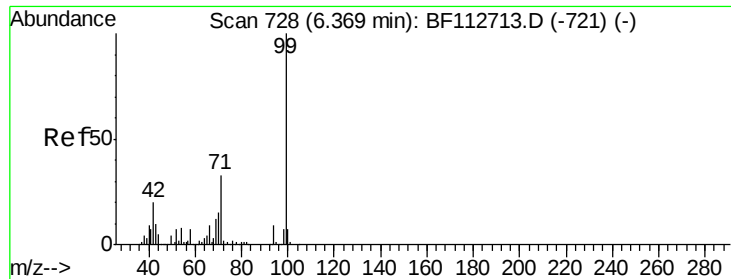
Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 623730 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 82.2  | 32.2  | 48.2#  |
| 65        | 52.2  | 16.2  | 24.4#  |





#7

Phenol-d6

Concen: 69.559 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

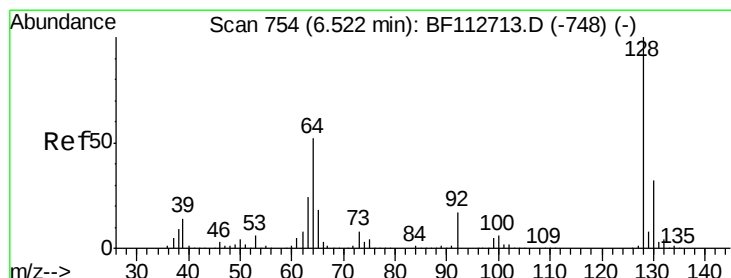
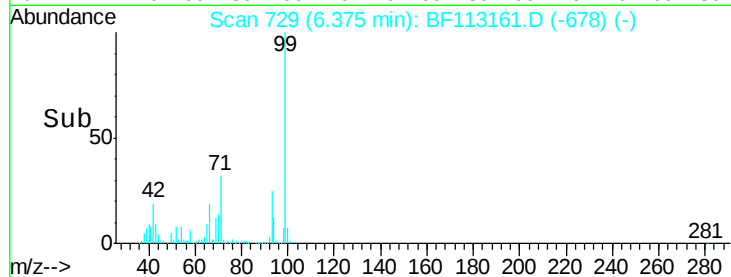
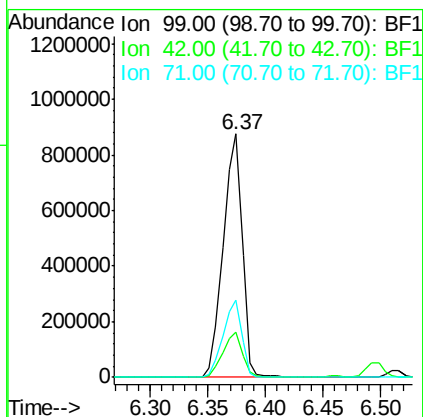
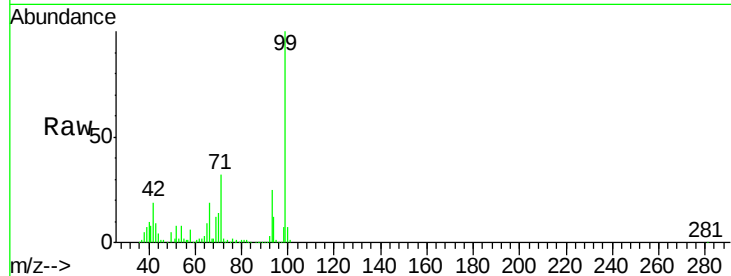
ClientSampleId :

SSTDCCC040EC

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 99    | Resp: | 1002807 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 18.6  | 16.3  | 24.5    |
| 71       | 31.7  | 26.2  | 39.4    |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



#8

2-Chlorophenol

Concen: 36.086 ng

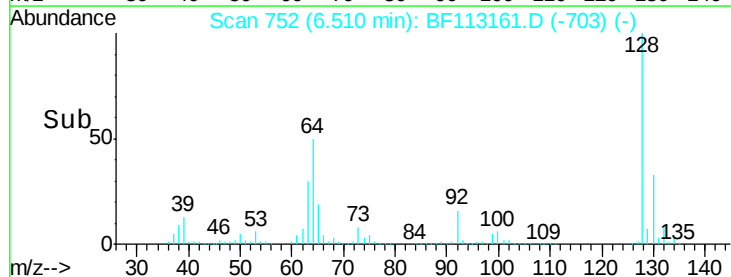
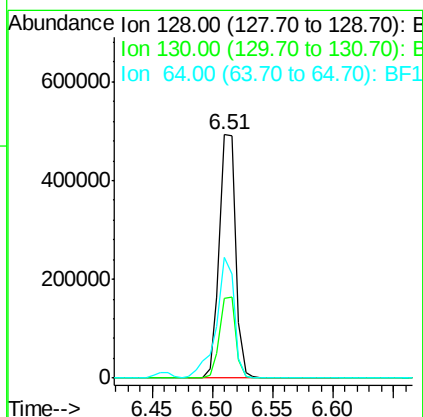
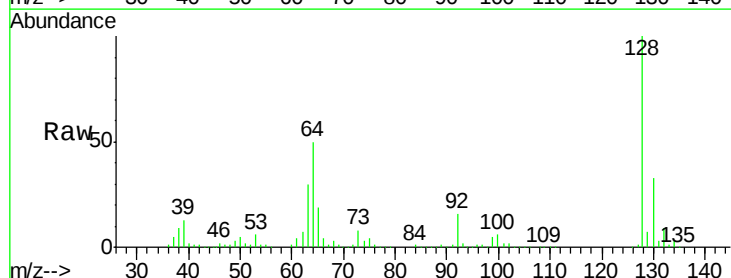
RT: 6.51 min Scan# 752

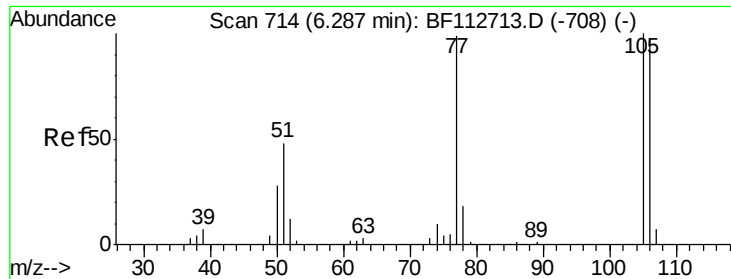
Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 461017 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.6  | 12.4  | 52.4   |
| 64       | 49.7  | 32.2  | 72.2   |





#9

Benzaldehyde

Concen: 26.945 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

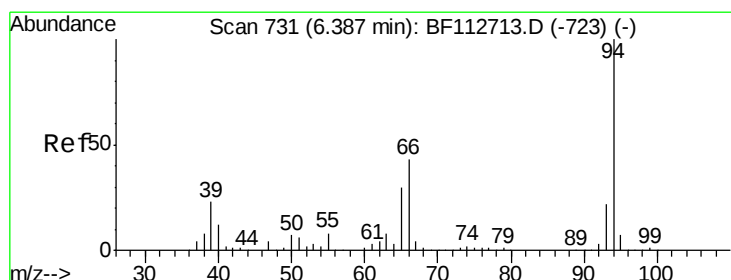
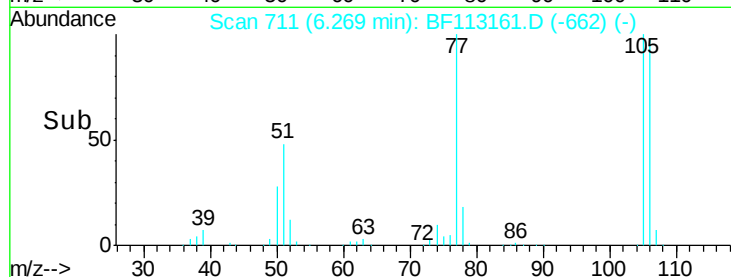
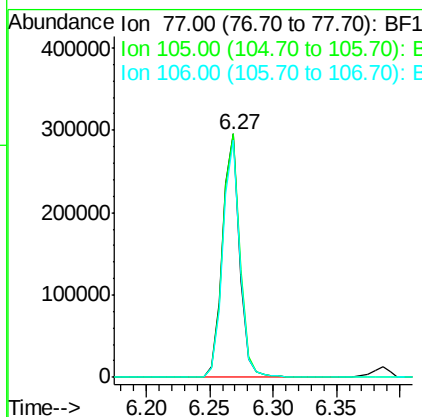
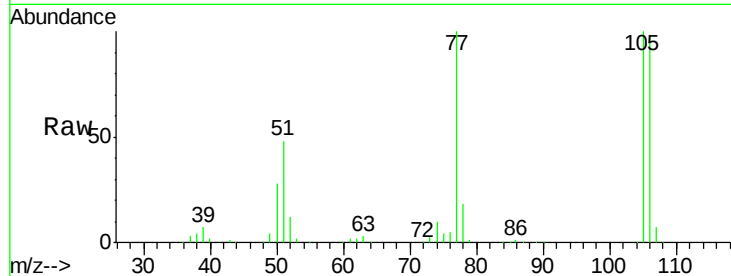
ClientSampleId :

SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 279896 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 100.0 | 81.4  | 121.4  |
| 106      | 97.6  | 78.3  | 118.3  |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



#10

Phenol

Concen: 33.278 ng

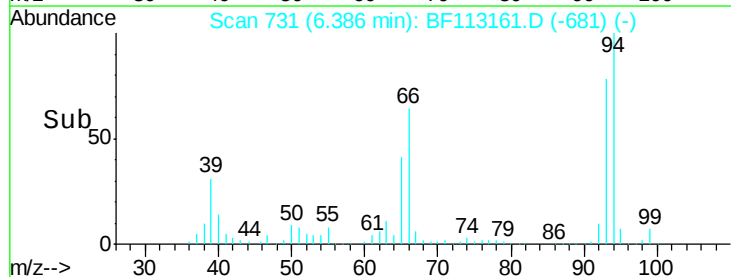
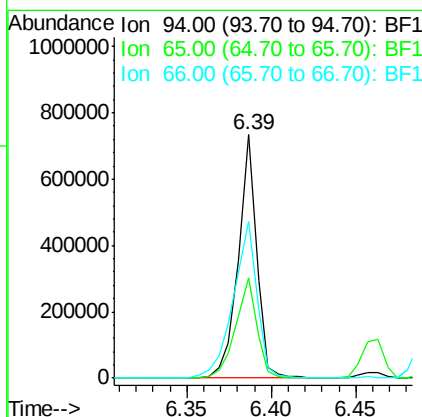
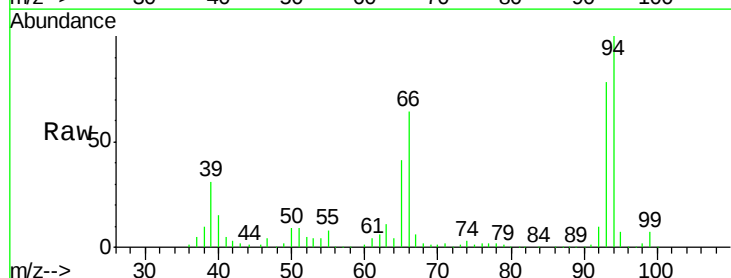
RT: 6.39 min Scan# 731

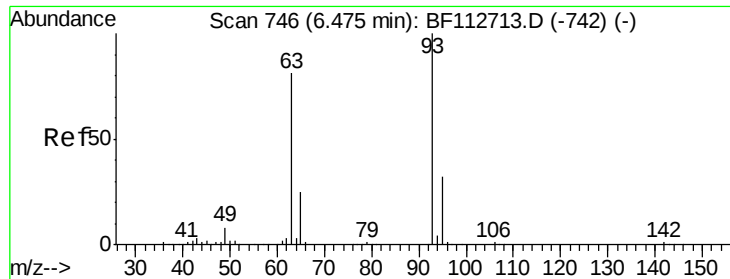
Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 559843 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 40.9  | 10.5  | 50.5   |
| 66       | 64.5  | 22.6  | 62.6#  |





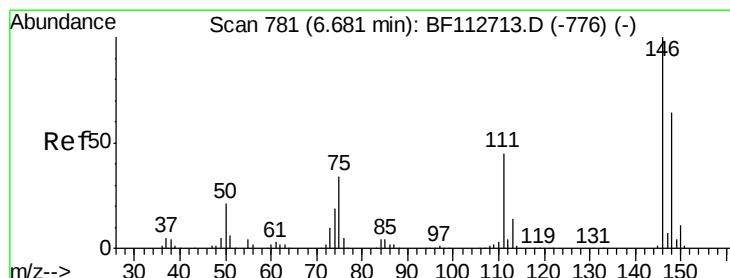
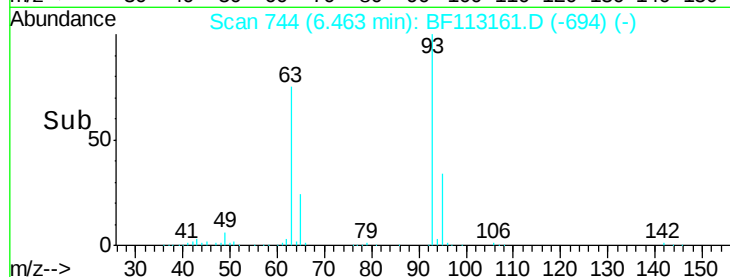
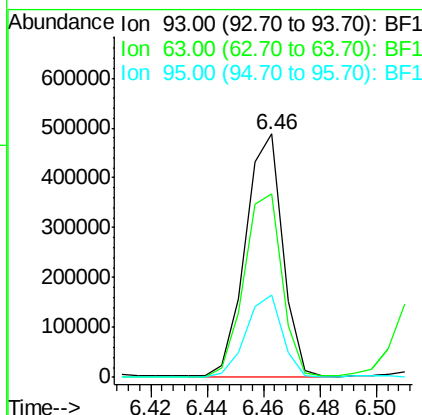
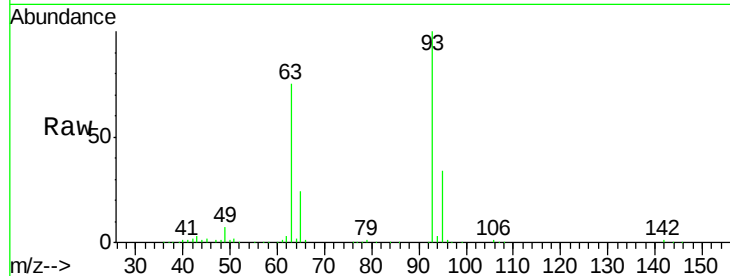
#11  
bis(2-Chloroethyl)ether  
Concen: 34.562 ng  
RT: 6.46 min Scan# 744  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.2  | 60.5  | 100.5 |
| 95      | 33.6  | 12.1  | 52.1  |

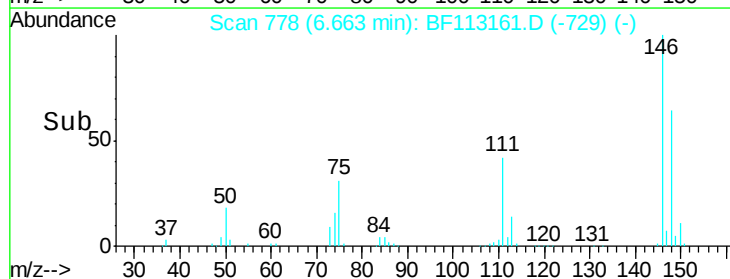
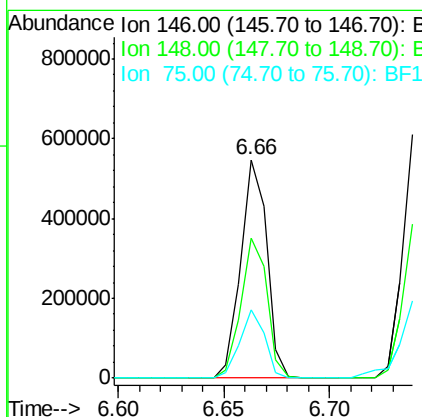
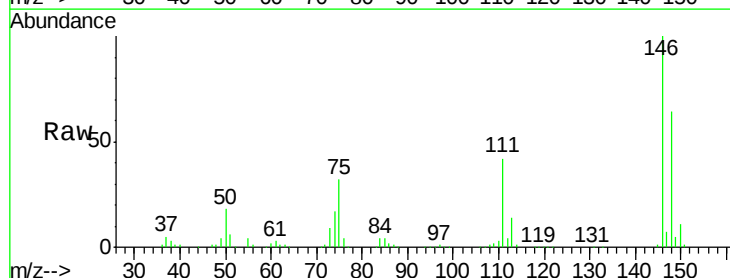
Manual Integrations  
APPROVED

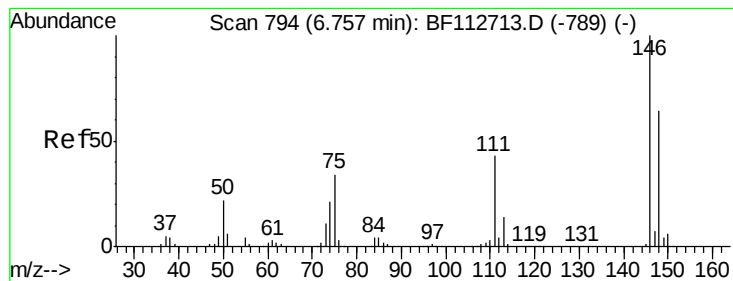
Sohil  
3/20/2019 6:51:32 PM



#12  
1,3-Dichlorobenzene  
Concen: 35.489 ng  
RT: 6.66 min Scan# 778  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 50.9  | 76.3  |
| 75      | 31.5  | 26.9  | 40.3  |





#13

1,4-Dichlorobenzene

Concen: 38.683 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

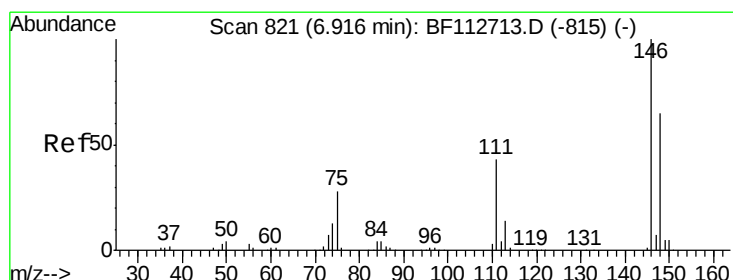
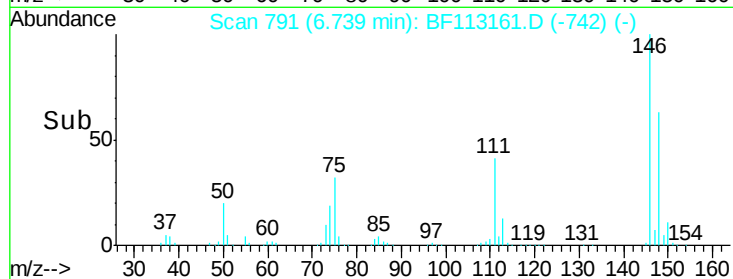
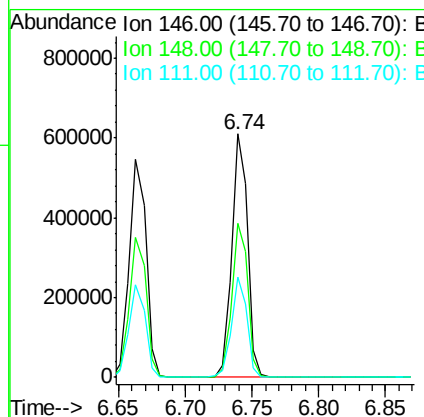
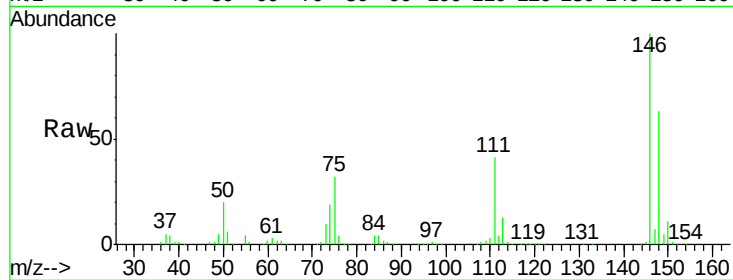
ClientSampleId :

SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.0  | 76.4  |
| 111     | 41.4  | 34.5  | 51.7  |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



#14

1,2-Dichlorobenzene

Concen: 36.755 ng

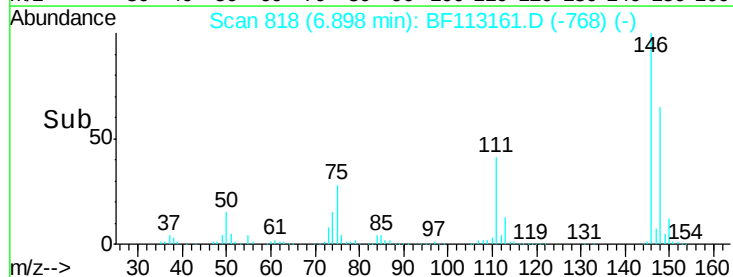
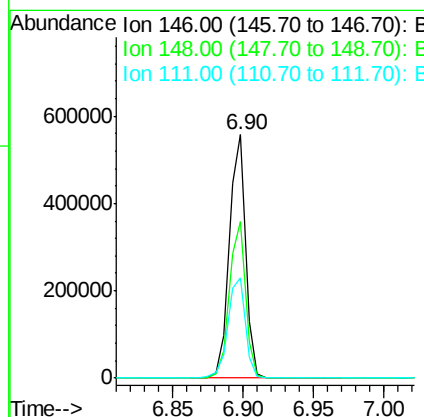
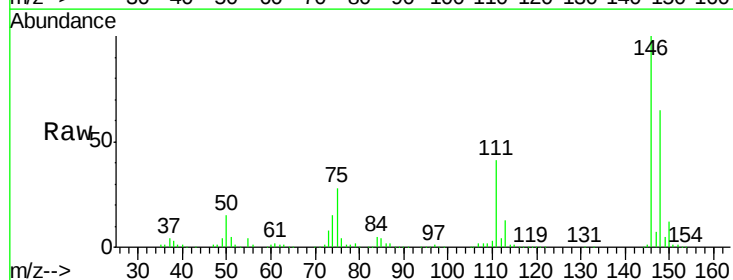
RT: 6.90 min Scan# 818

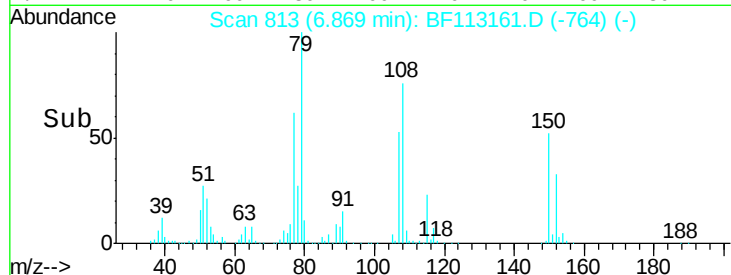
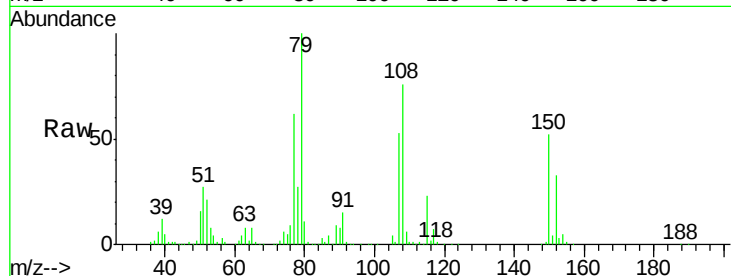
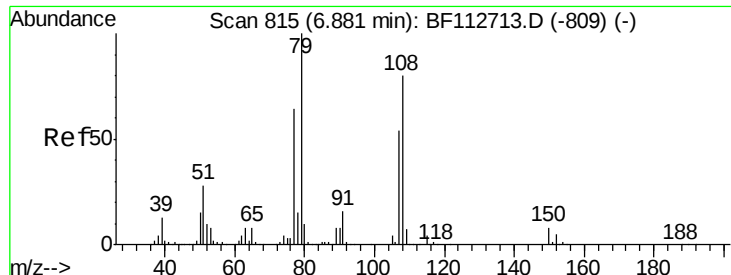
Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 52.0  | 78.0  |
| 111     | 41.4  | 34.8  | 52.2  |





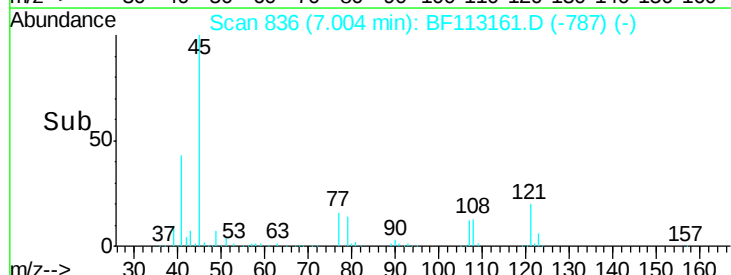
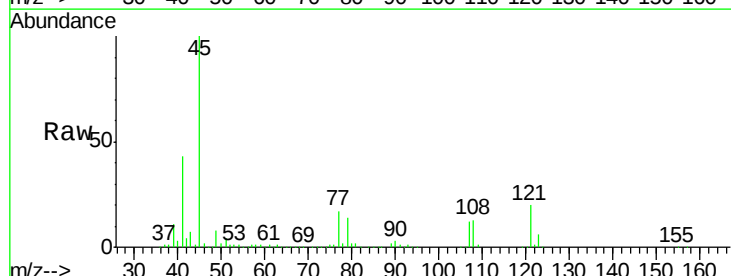
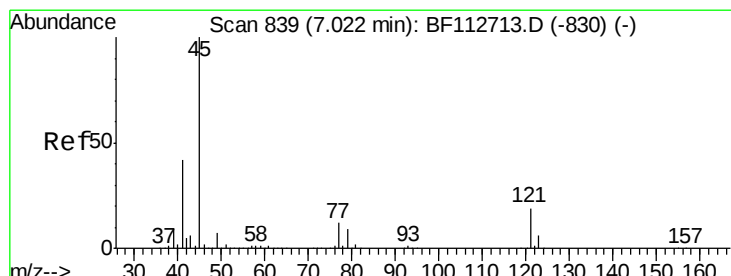
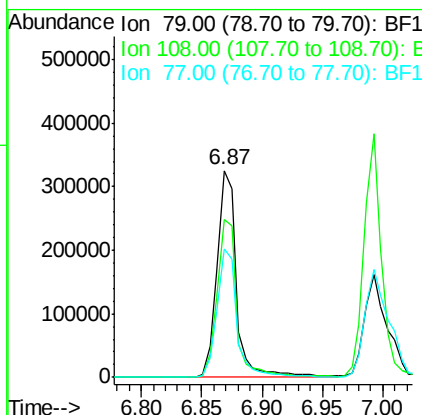
#15  
Benzyl Alcohol  
Concen: 32.842 ng  
RT: 6.87 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 76.3  | 64.2  | 96.4  |
| 77      | 62.2  | 51.1  | 76.7  |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

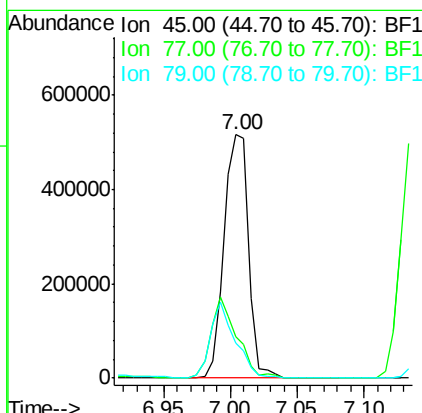
Manual Integrations  
APPROVED

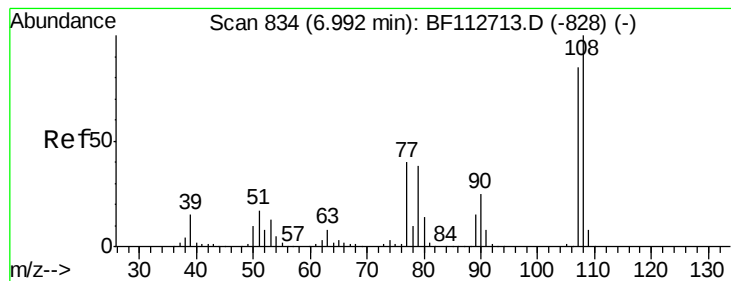
Sohil  
3/20/2019 6:51:32 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 31.131 ng  
RT: 7.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 17.1  | 0.0   | 32.1  |
| 79      | 14.3  | 0.0   | 29.4  |





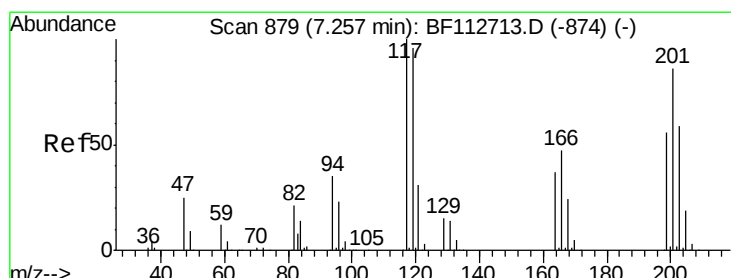
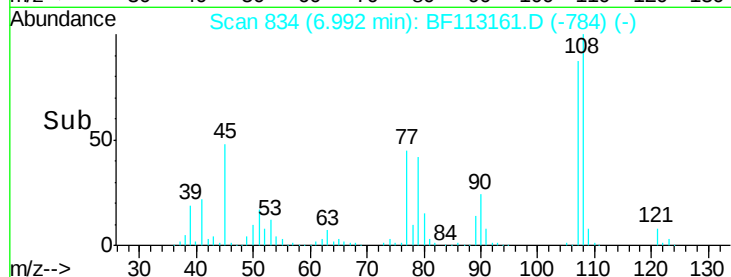
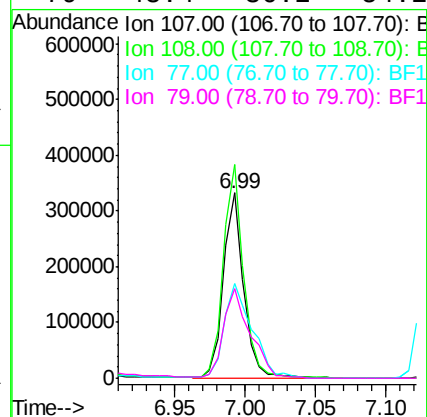
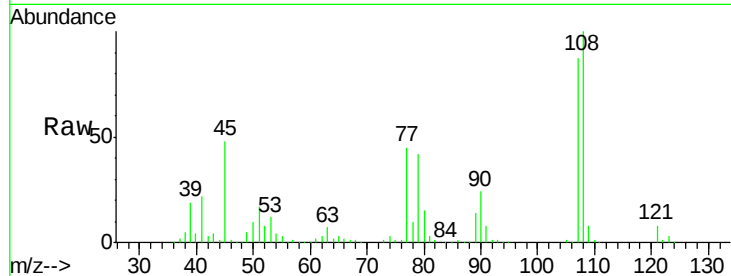
#17  
2-Methylphenol  
Concen: 31.812 ng  
RT: 6.99 min Scan# 834  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 329703 |       |       |
| 108     | 115.3 | 94.6   | 142.0 |       |
| 77      | 51.4  | 37.8   | 56.8  |       |
| 79      | 48.4  | 36.2   | 54.2  |       |

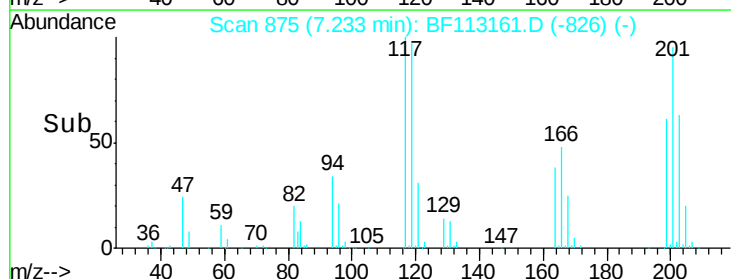
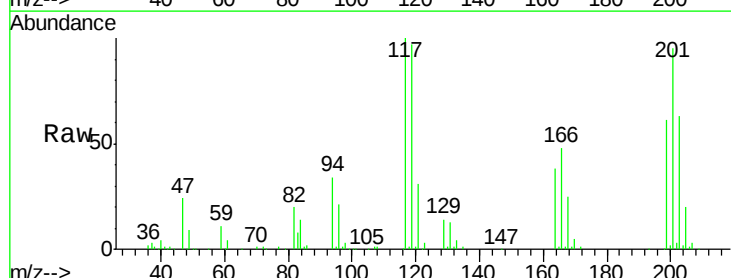
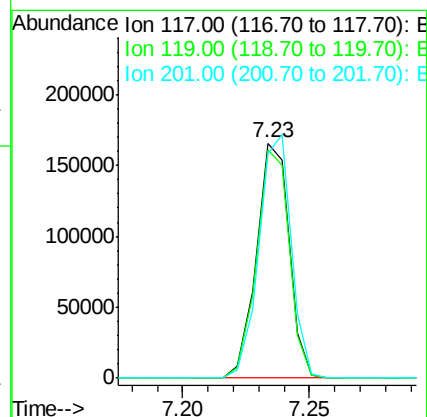
Manual Integrations  
APPROVED

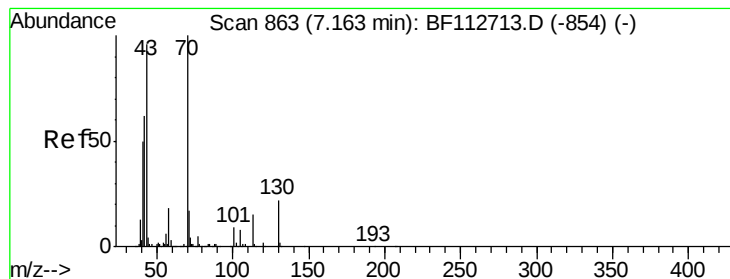
Sohil  
3/20/2019 6:51:32 PM



#18  
Hexachloroethane  
Concen: 29.404 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 149076 |       |       |
| 119     | 97.3  | 76.6   | 115.0 |       |
| 201     | 95.3  | 68.9   | 103.3 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 32.484 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

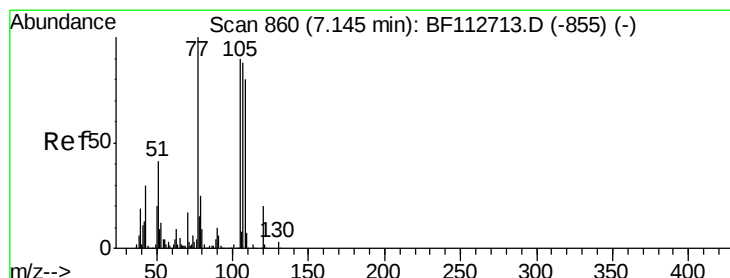
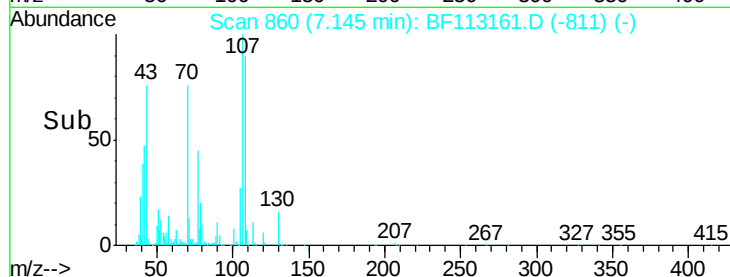
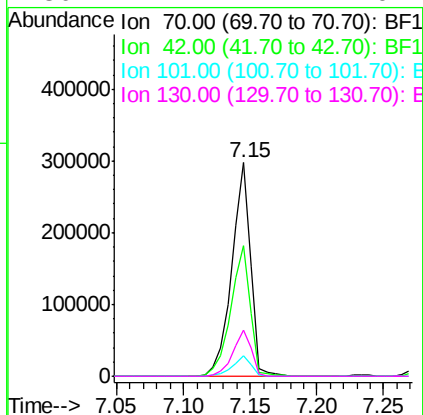
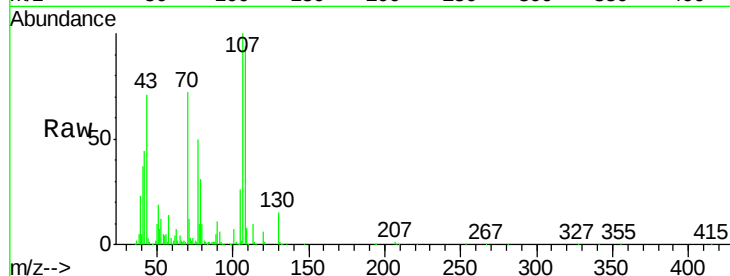
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 70    | Resp: | 296594 |
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 61.1  | 49.9  | 74.9   |
| 101       | 9.8   | 7.4   | 11.2   |
| 130       | 21.4  | 17.4  | 26.2   |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



#20

3+4-Methylphenols

Concen: 35.416 ng

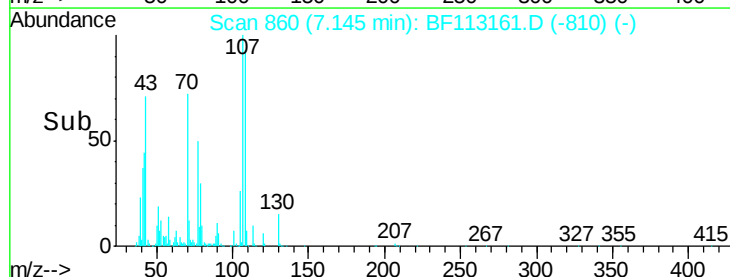
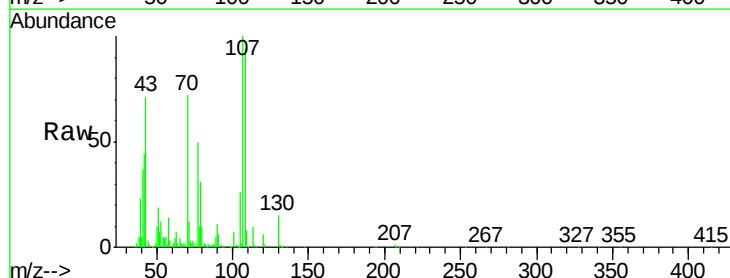
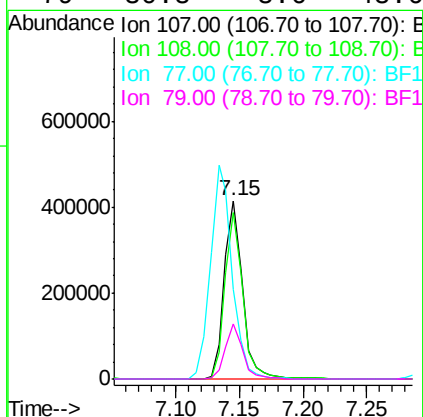
RT: 7.15 min Scan# 860

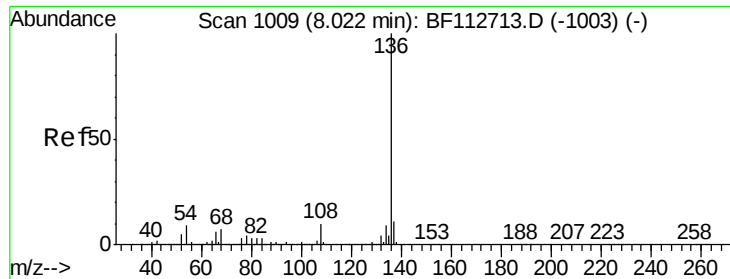
Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 414402 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 93.5  | 71.4  | 111.4  |
| 77        | 50.1  | 94.1  | 134.1# |
| 79        | 30.8  | 8.6   | 48.6   |





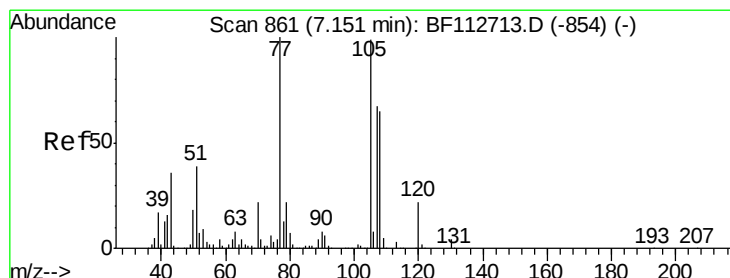
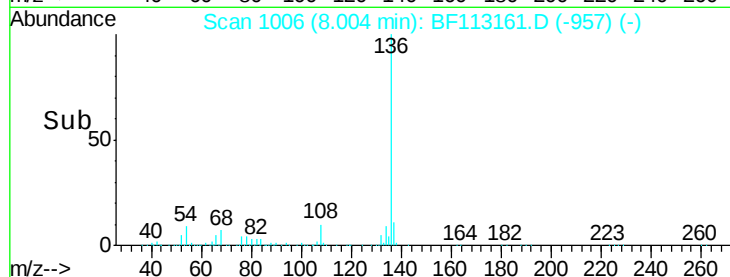
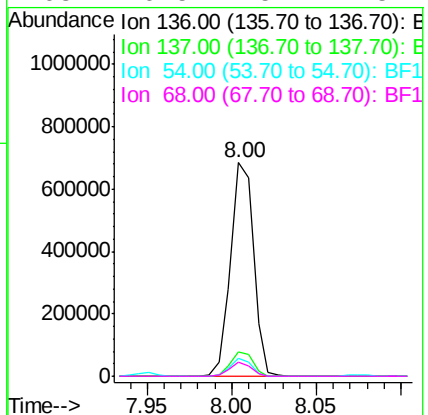
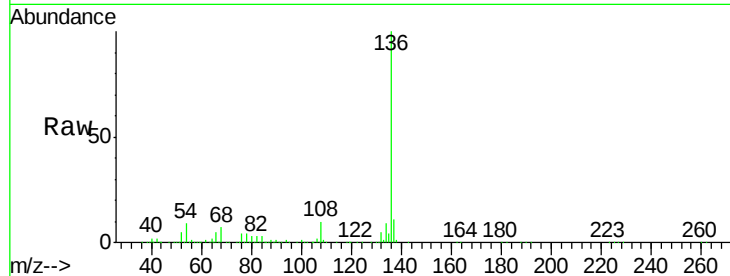
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.00 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 11.2  | 8.9        | 13.3  |
| 54      | 8.7   | 7.3        | 10.9  |
| 68      | 6.5   | 5.4        | 8.2   |

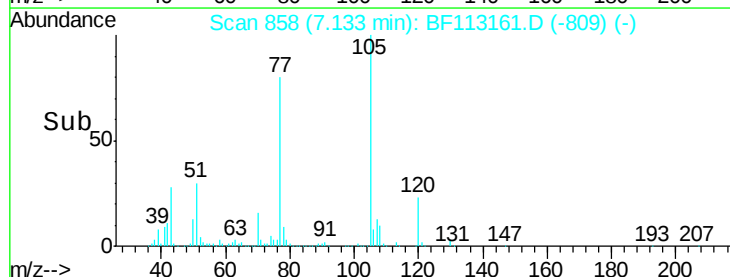
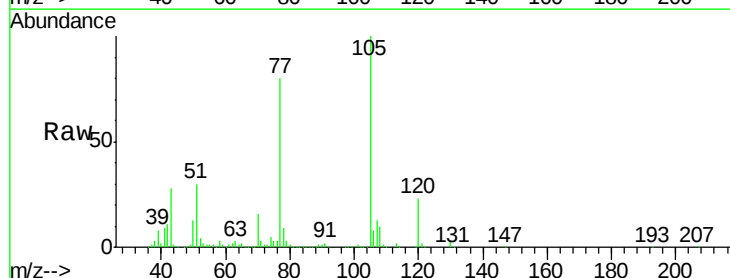
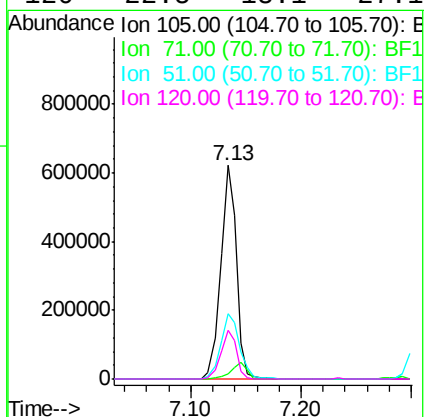
Manual Integrations  
APPROVED

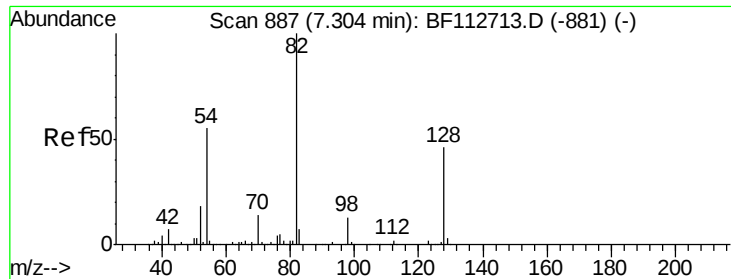
Sohil  
3/20/2019 6:51:32 PM



#22  
Acetophenone  
Concen: 40.573 ng  
RT: 7.13 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 2.7   | 3.0        | 4.4#  |
| 51      | 30.4  | 31.5       | 47.3# |
| 120     | 22.5  | 18.1       | 27.1  |





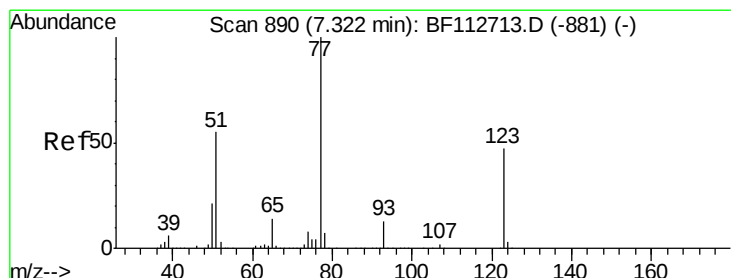
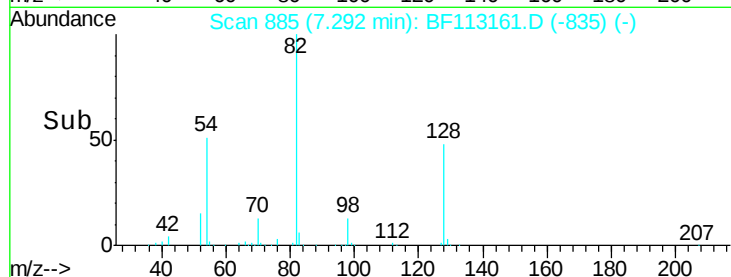
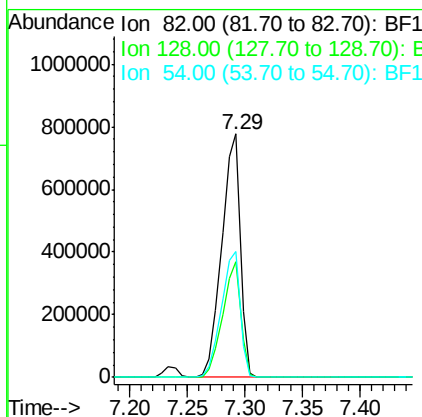
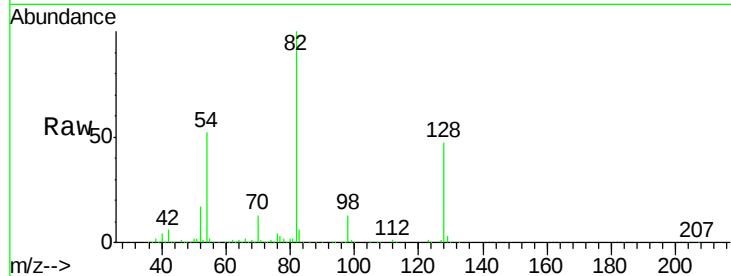
#23  
 Nitrobenzene-d5  
 Concen: 79.962 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.4  | 36.3  | 54.5  |
| 54      | 51.9  | 43.7  | 65.5  |

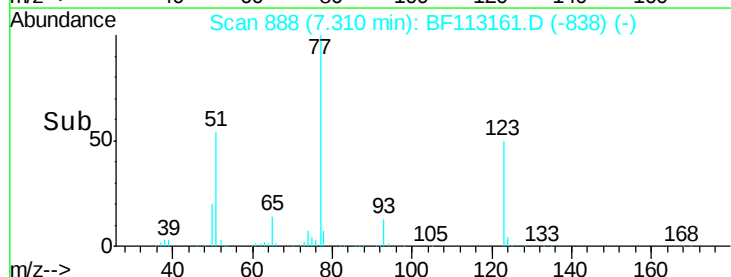
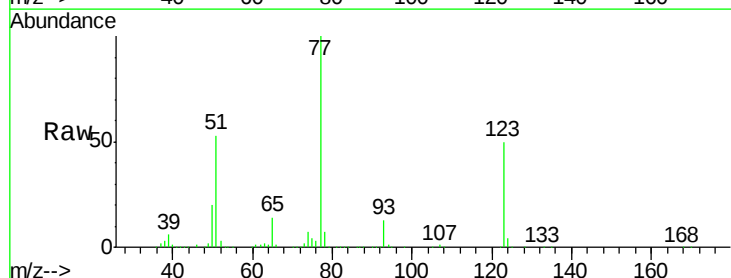
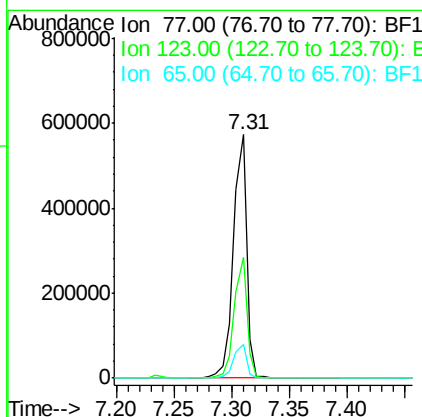
Manual Integrations  
 APPROVED

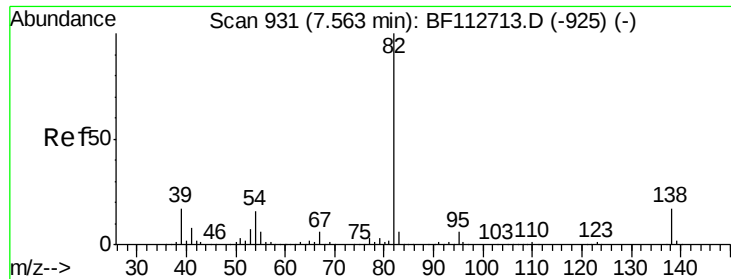
Sohil  
 3/20/2019 6:51:32 PM



#24  
 Nitrobenzene  
 Concen: 37.523 ng  
 RT: 7.31 min Scan# 888  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.5  | 37.8  | 56.6  |
| 65      | 13.6  | 11.1  | 16.7  |





#25

Isophorone

Concen: 33.007 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

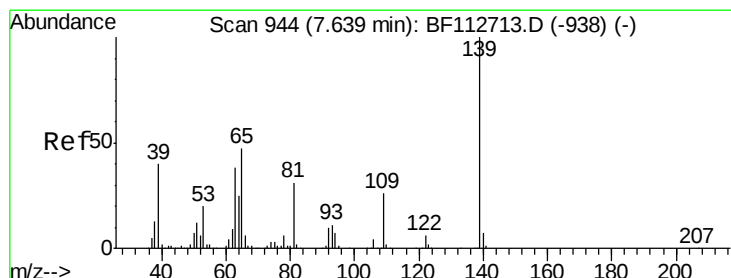
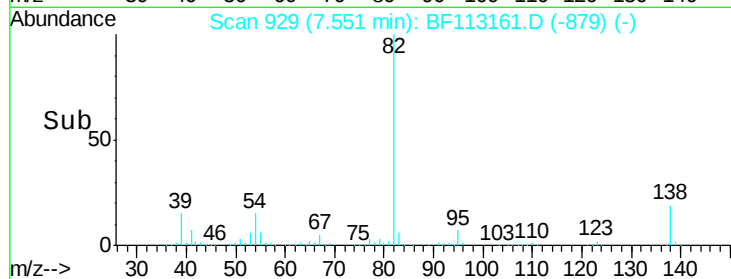
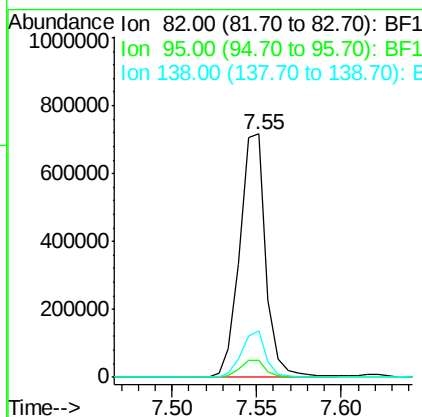
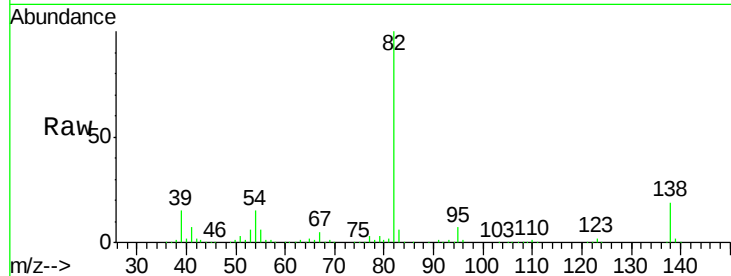
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 771596 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.0   | 5.2   | 7.8    |
| 138       | 18.9  | 13.8  | 20.8   |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



#26

2-Nitrophenol

Concen: 34.834 ng

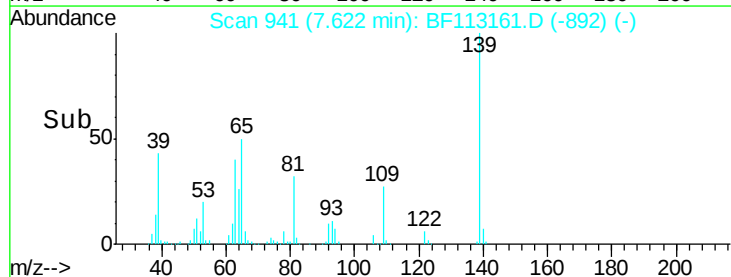
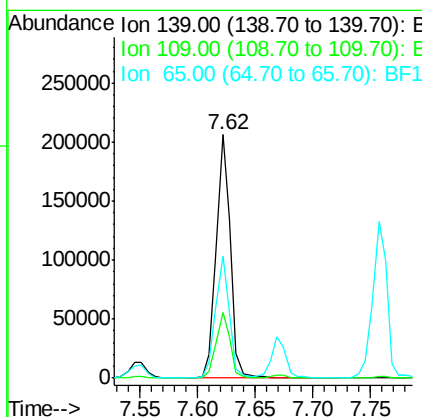
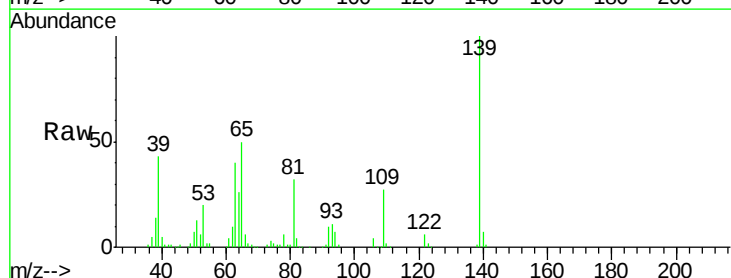
RT: 7.62 min Scan# 941

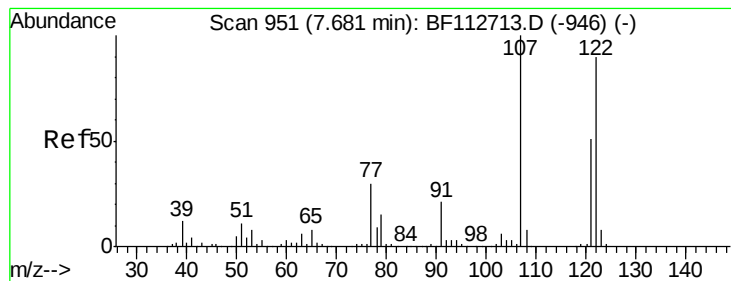
Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 175125 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 27.0  | 20.6  | 31.0   |
| 65        | 50.0  | 37.9  | 56.9   |





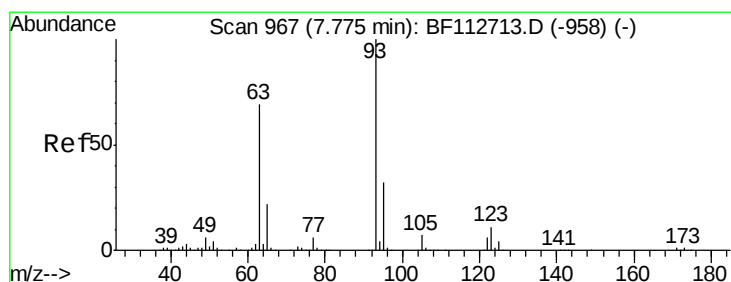
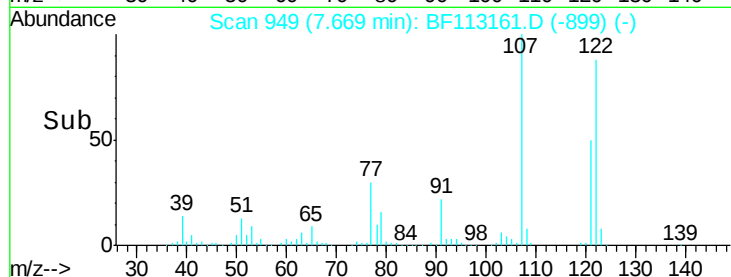
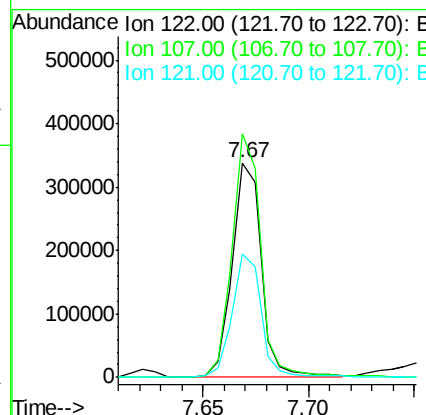
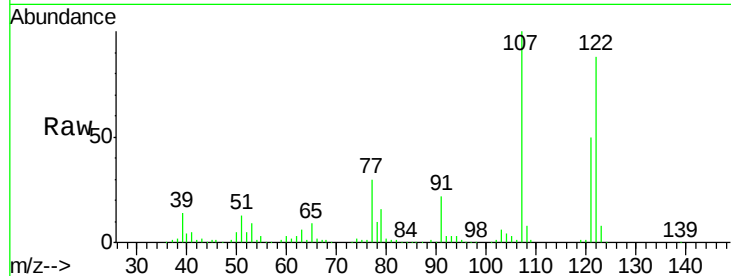
#27  
 2,4-Dimethylphenol  
 Concen: 34.410 ng  
 RT: 7.67 min Scan# 949  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 321833 |       |       |
| 107     | 113.5 | 89.4   | 134.0 |       |
| 121     | 57.3  | 45.5   | 68.3  |       |

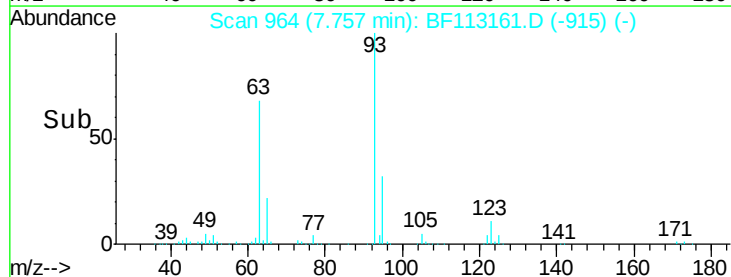
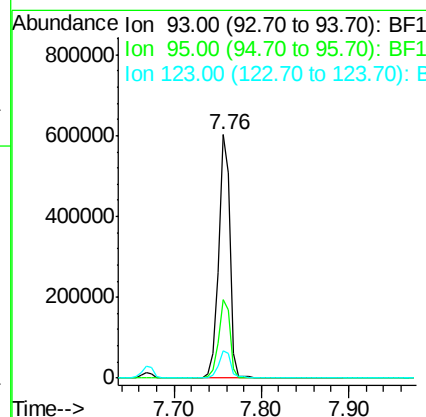
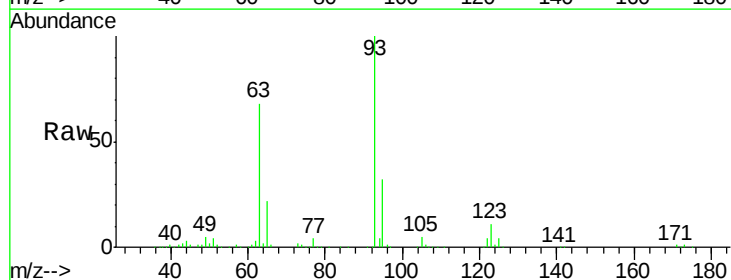
Manual Integrations  
 APPROVED

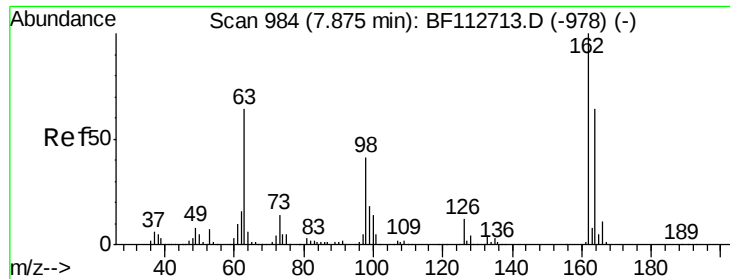
Sohil  
 3/20/2019 6:51:32 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.022 ng  
 RT: 7.76 min Scan# 964  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 541090 |       |       |
| 95      | 32.5  | 26.0   | 39.0  |       |
| 123     | 11.3  | 9.3    | 13.9  |       |





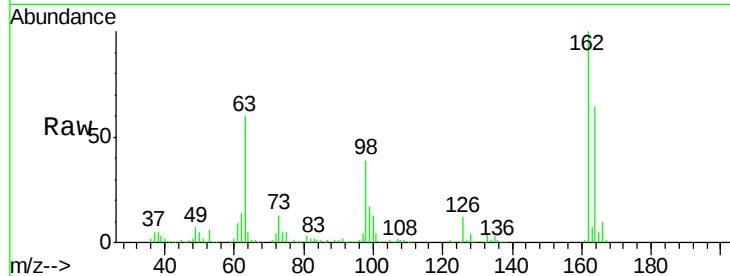
#29  
2,4-Dichlorophenol  
Concen: 40.453 ng  
RT: 7.87 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

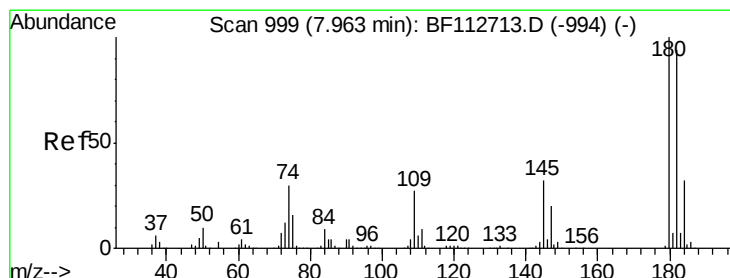
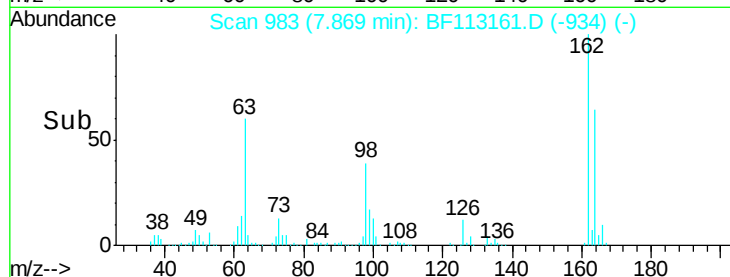
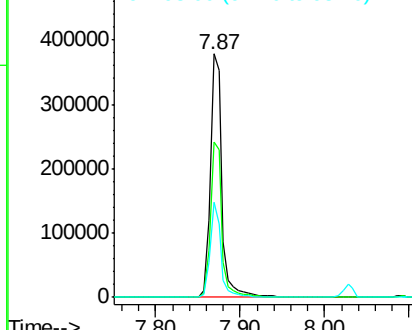
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 366912 |       |       |
| 164     | 63.6  | 44.0   | 84.0  |       |
| 98      | 39.3  | 20.7   | 60.7  |       |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM

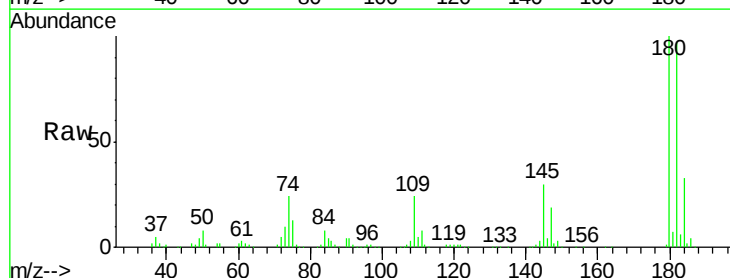


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

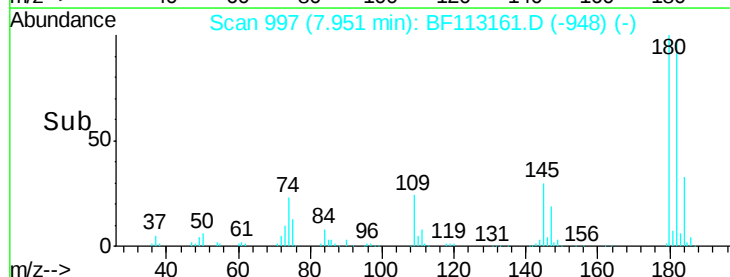
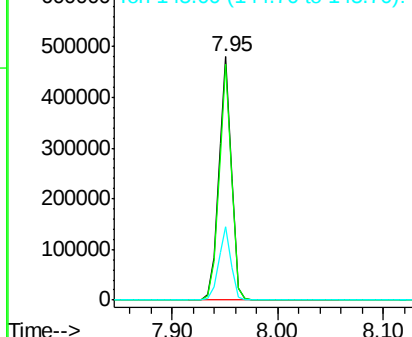


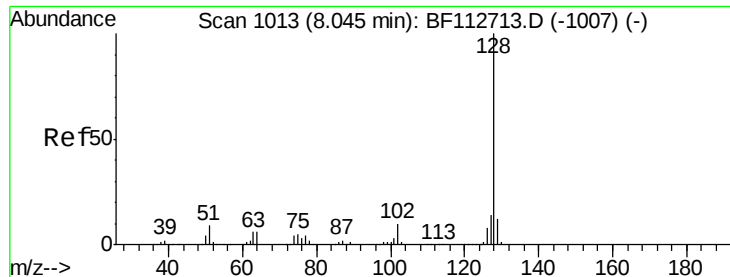
#30  
1,2,4-Trichlorobenzene  
Concen: 42.006 ng  
RT: 7.95 min Scan# 997  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 409378 |       |       |
| 182     | 96.8  | 75.2   | 112.8 |       |
| 145     | 30.0  | 25.4   | 38.0  |       |



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





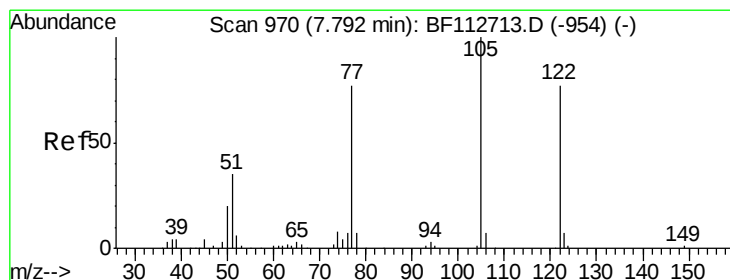
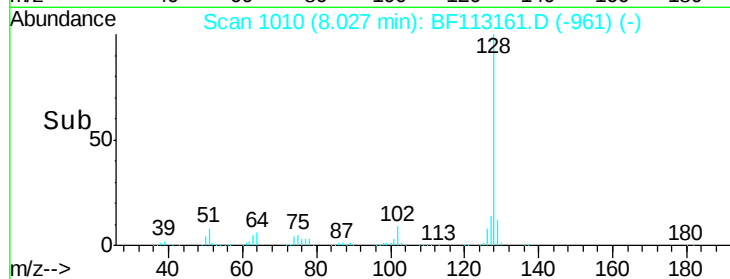
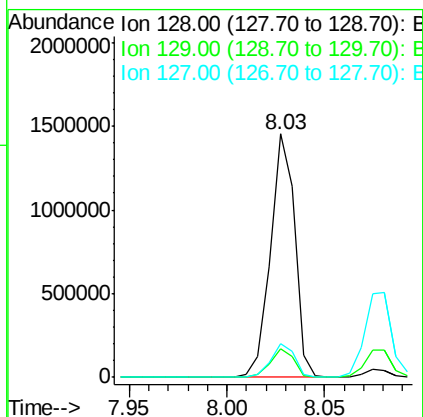
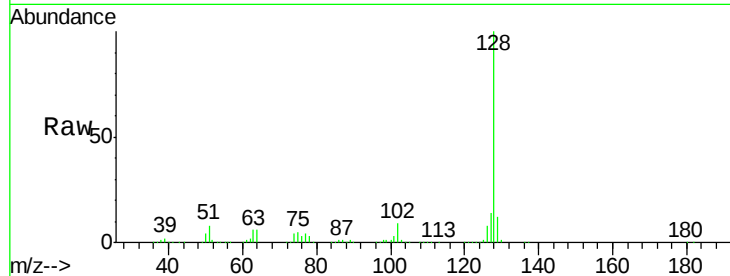
#31  
Naphthalene  
Concen: 38.956 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.6  | 9.3   | 13.9  |
| 127     | 13.6  | 10.9  | 16.3  |

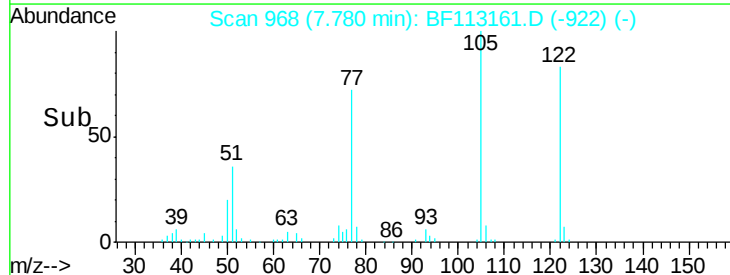
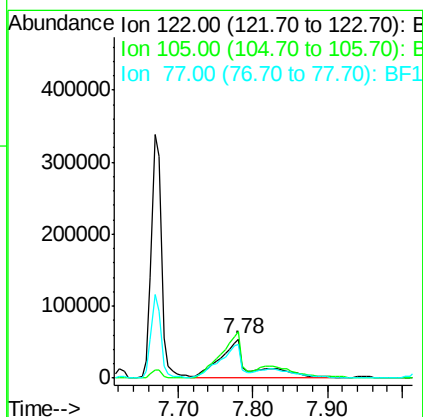
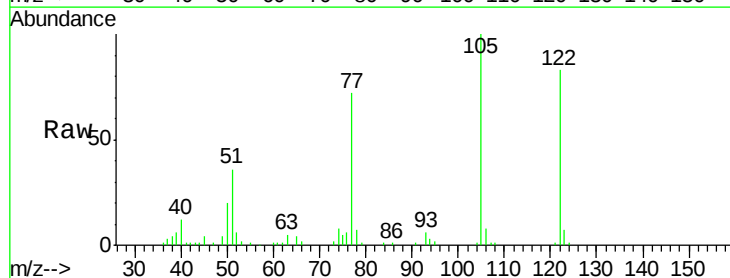
Manual Integrations  
APPROVED

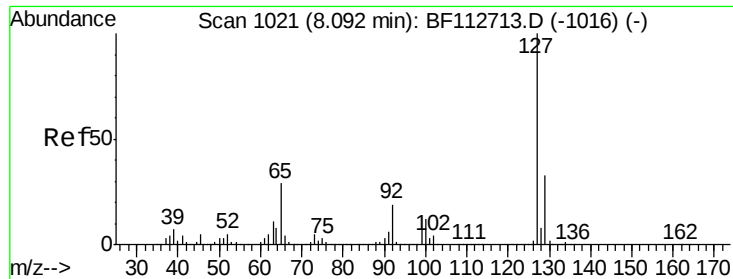
Sohil  
3/20/2019 6:51:32 PM



#32  
Benzoic acid  
Concen: 24.433 ng m  
RT: 7.78 min Scan# 968  
Delta R.T. -0.03 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 119.9 | 106.8 | 146.8 |
| 77      | 86.6  | 79.4  | 119.4 |





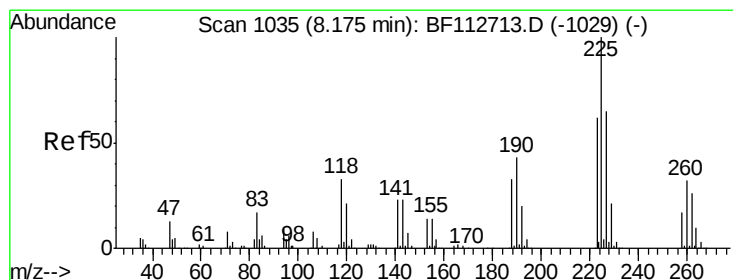
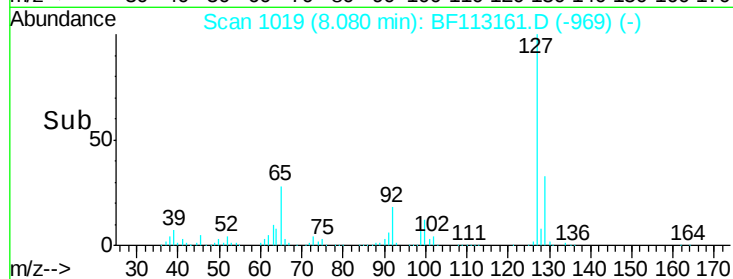
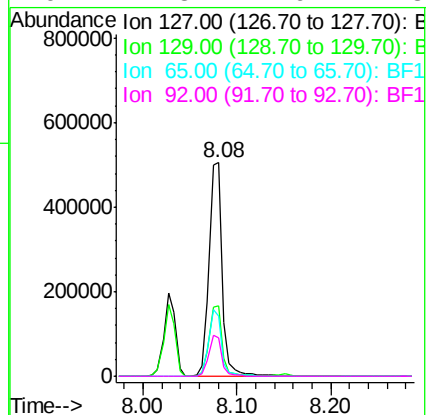
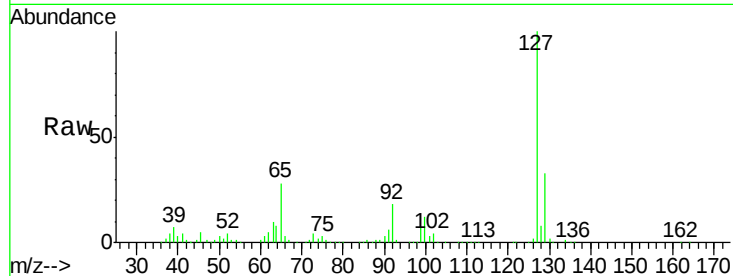
#33  
4-Chloroaniline  
Concen: 36.712 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 127     | 100   |            |            |
| 129     | 32.7  | 26.4       | 39.6       |
| 65      | 28.0  | 23.1       | 34.7       |
| 92      | 17.8  | 14.9       | 22.3       |

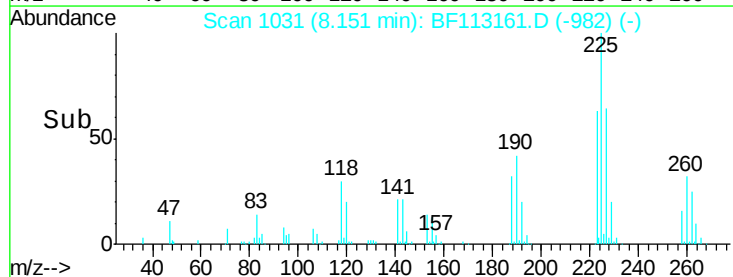
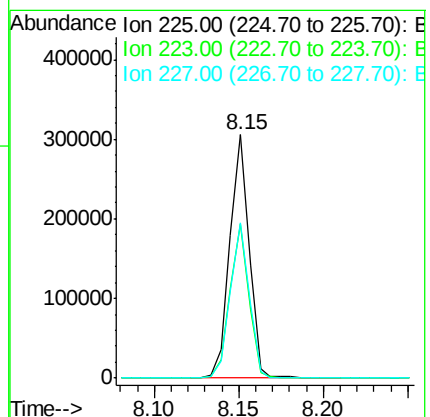
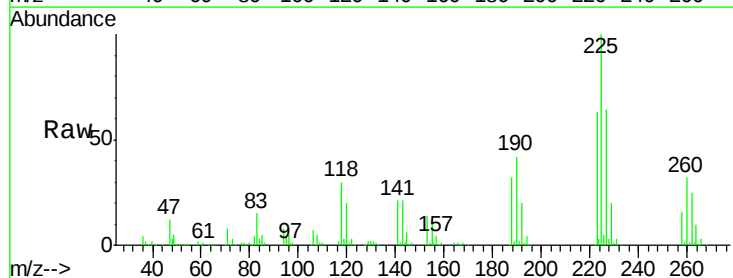
Manual Integrations  
APPROVED

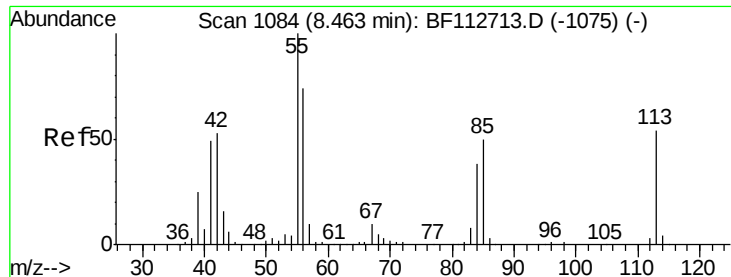
Sohil  
3/20/2019 6:51:32 PM



#34  
Hexachlorobutadiene  
Concen: 43.938 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 225     | 100   |            |            |
| 223     | 63.1  | 49.7       | 74.5       |
| 227     | 63.7  | 52.1       | 78.1       |





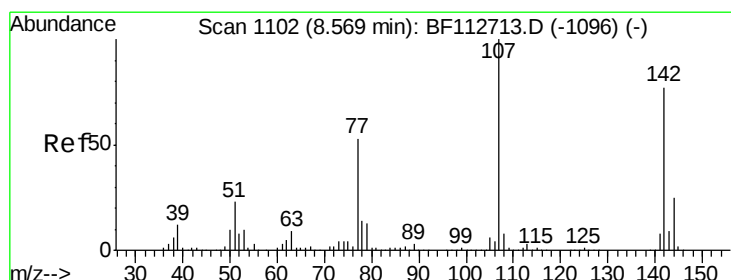
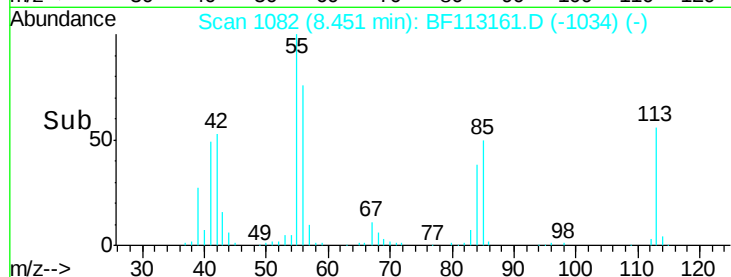
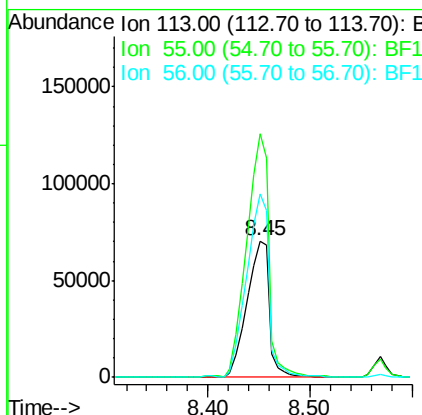
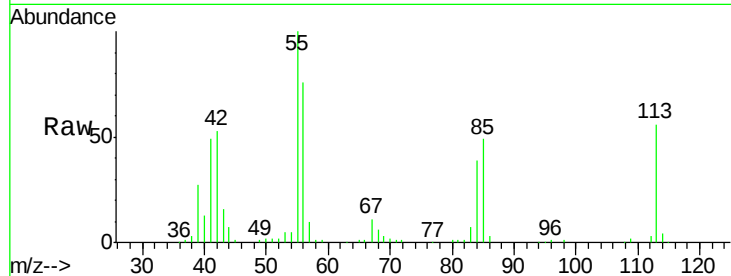
#35  
 Caprolactam  
 Concen: 33.828 ng m  
 RT: 8.45 min Scan# 1082  
 Delta R.T. -0.02 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:113 Resp: 108064  
 Ion Ratio Lower Upper  
 113 100  
 55 178.1 163.5 203.5  
 56 134.6 115.3 155.3

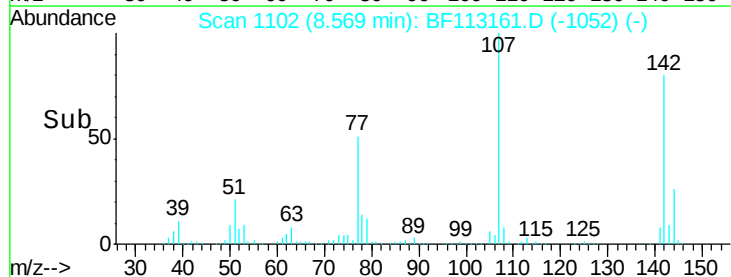
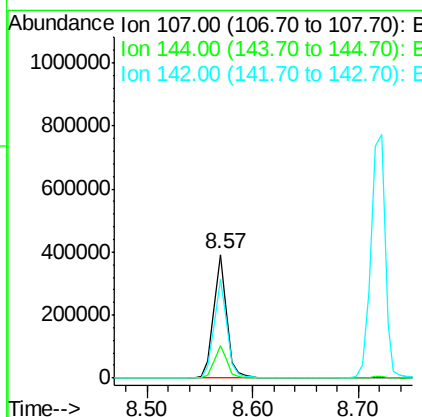
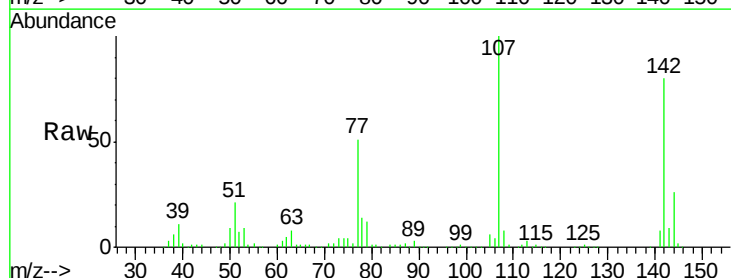
Manual Integrations  
 APPROVED

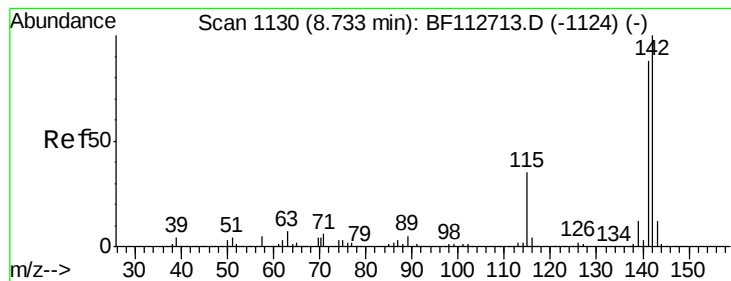
Sohil  
 3/20/2019 6:51:32 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 34.948 ng  
 RT: 8.57 min Scan# 1102  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Tgt Ion:107 Resp: 350797  
 Ion Ratio Lower Upper  
 107 100  
 144 26.1 20.1 30.1  
 142 79.7 61.9 92.9





#37

2-Methylnaphthalene

Concen: 34.717 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

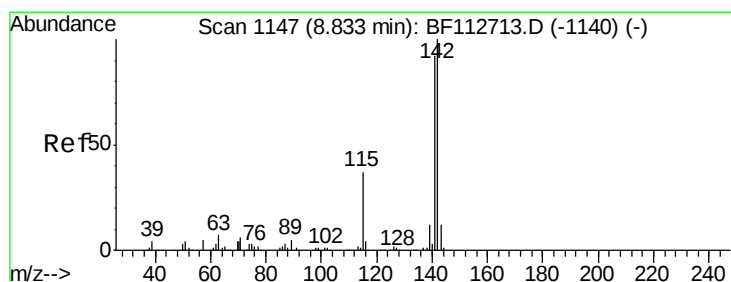
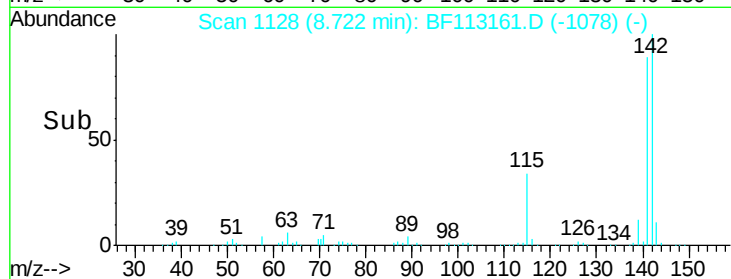
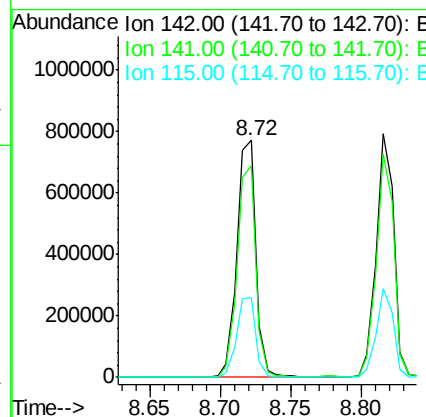
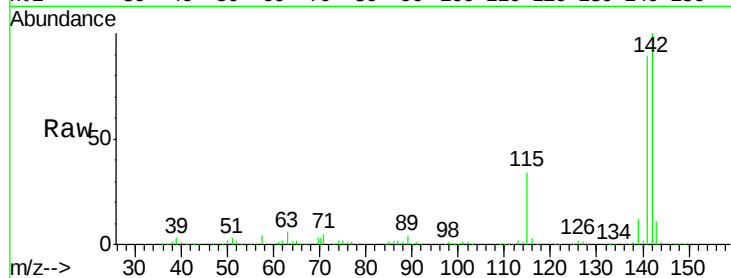
ClientSampled :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 722730 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 89.3  | 70.3  | 105.5  |
| 115       | 33.6  | 27.8  | 41.6   |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



#38

1-Methylnaphthalene

Concen: 34.225 ng

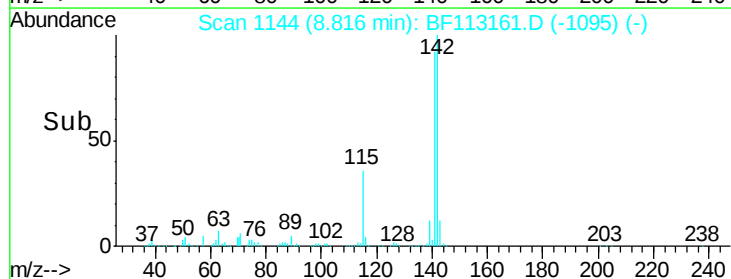
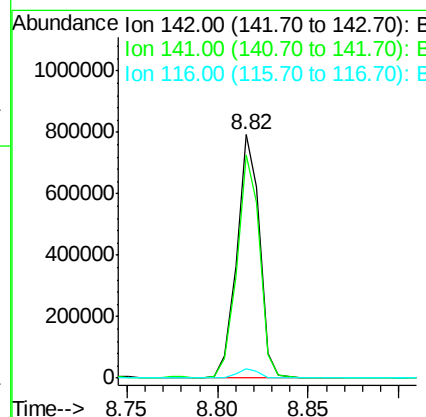
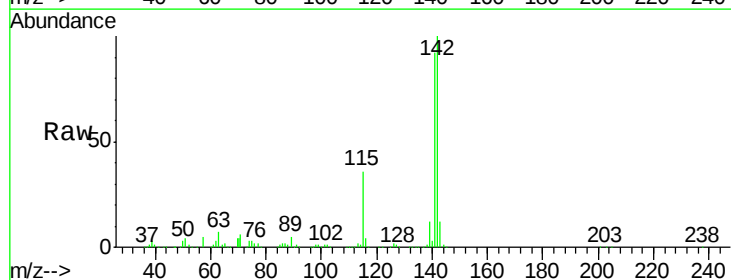
RT: 8.82 min Scan# 1144

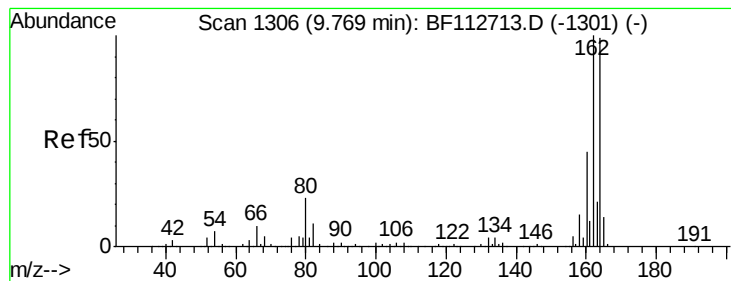
Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 690182 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 91.7  | 73.7  | 110.5  |
| 116       | 3.8   | 3.1   | 4.7    |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

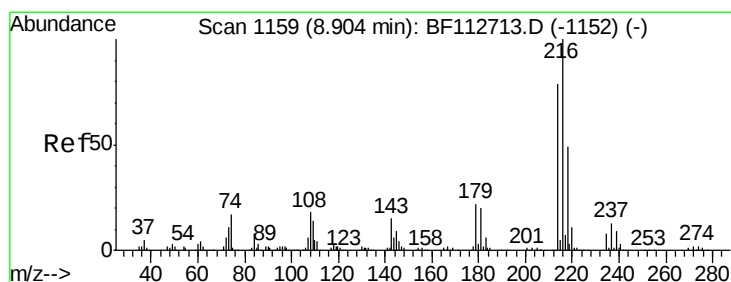
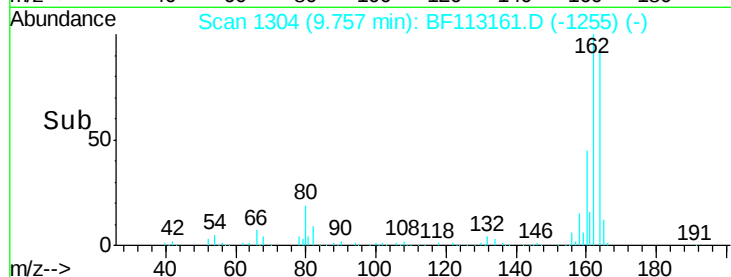
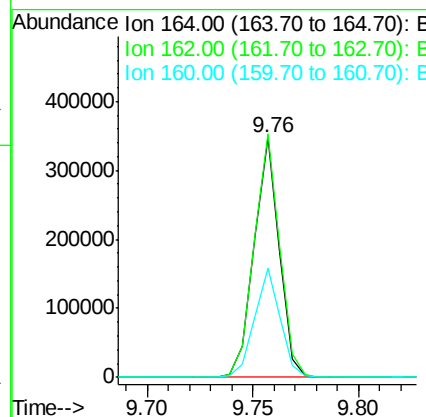
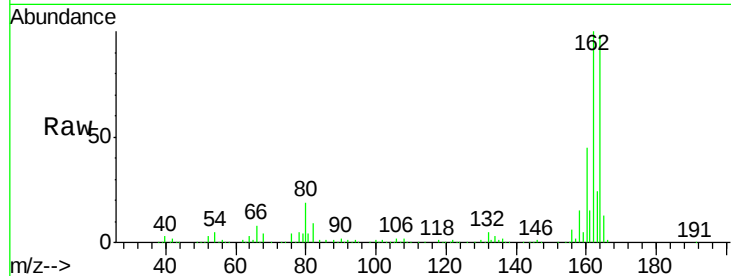
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 287973 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.7 | 80.6  | 120.8  |
| 160       | 45.4  | 36.0  | 54.0   |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.873 ng

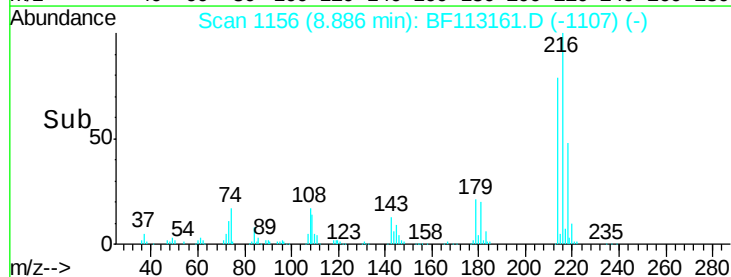
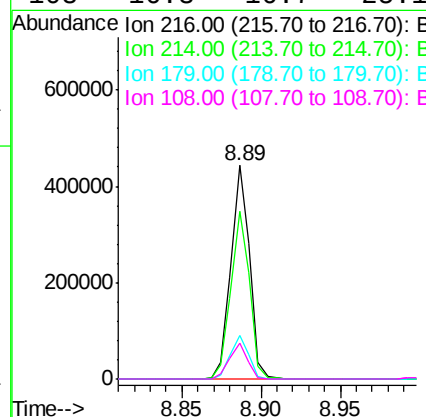
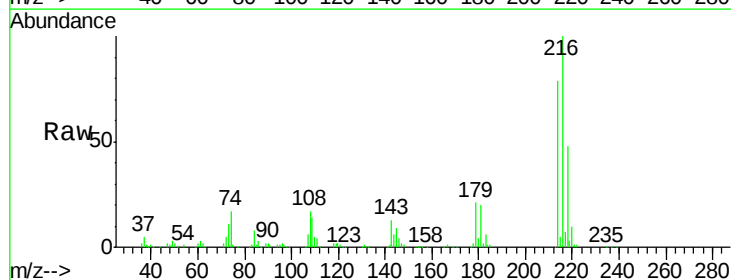
RT: 8.89 min Scan# 1156

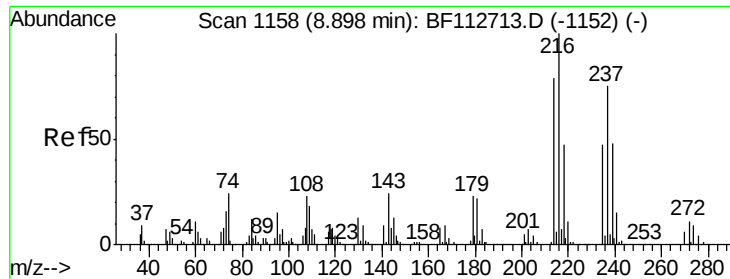
Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 360033 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.5  | 63.2  | 94.8   |
| 179       | 20.3  | 17.5  | 26.3   |
| 108       | 16.3  | 16.7  | 25.1#  |





#41

Hexachlorocyclopentadiene

Concen: 3.678 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

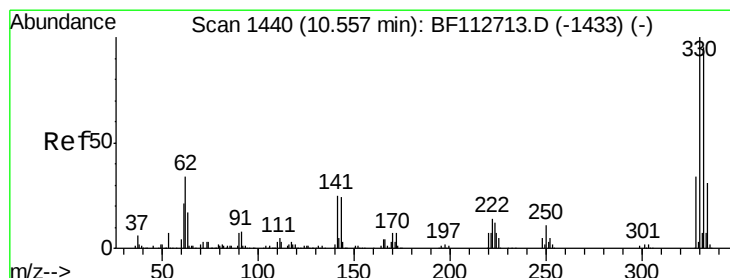
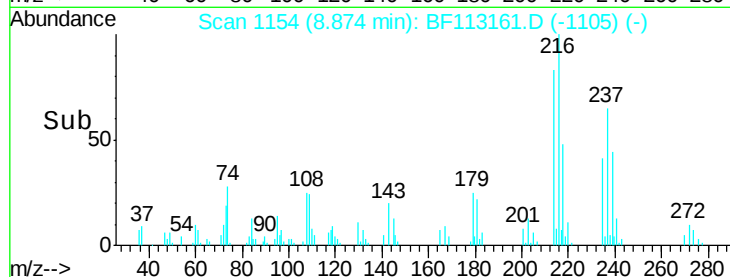
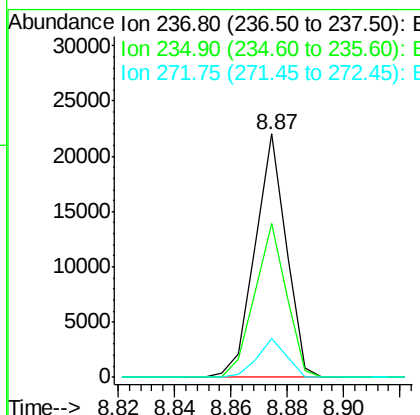
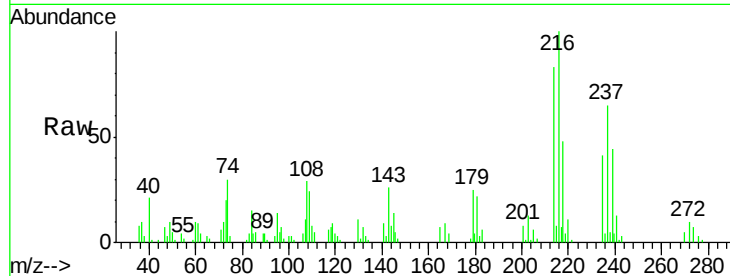
ClientSampleId :

SSTDCCC040EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 16915 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.4  | 42.2  | 82.2  |
| 272       | 16.1  | 0.0   | 34.0  |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



#42

2,4,6-Tribromophenol

Concen: 71.673 ng

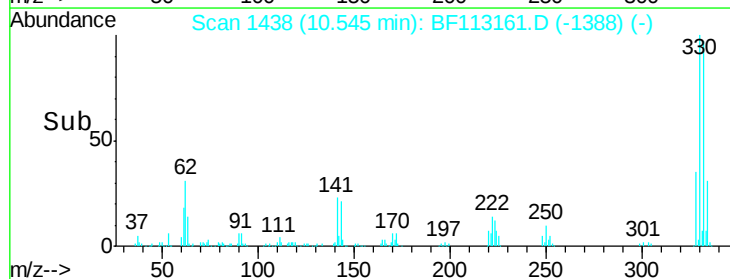
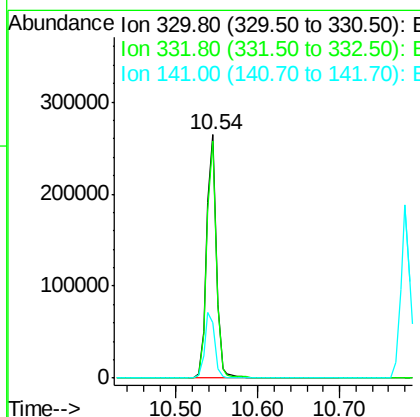
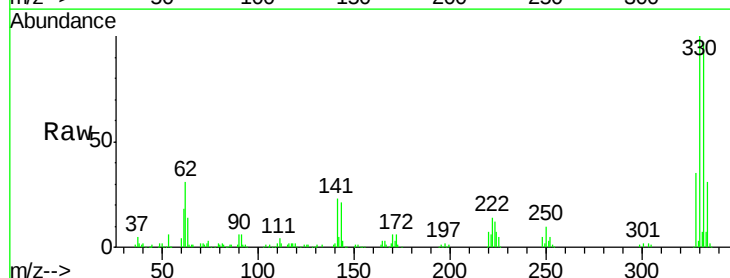
RT: 10.54 min Scan# 1438

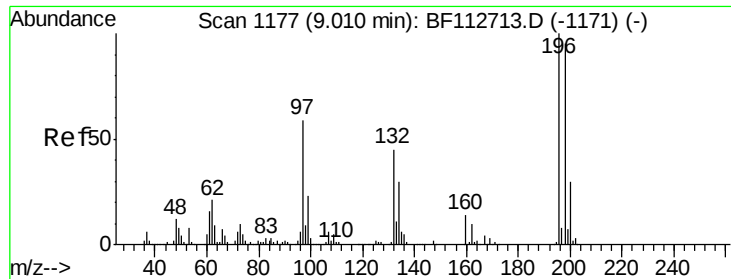
Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 219117 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.2  | 76.2  | 114.4  |
| 141       | 27.9  | 27.0  | 40.6   |





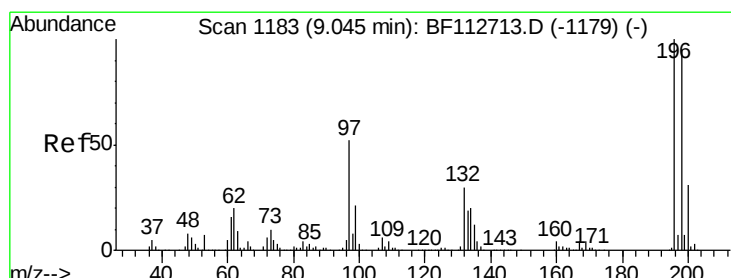
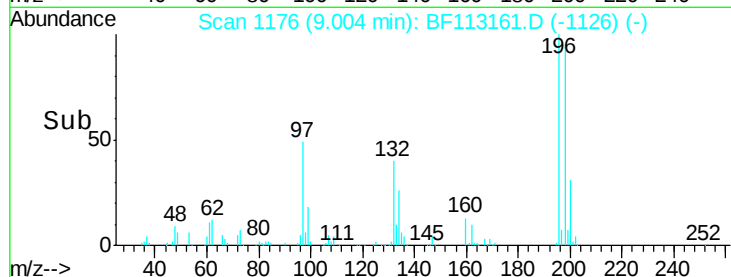
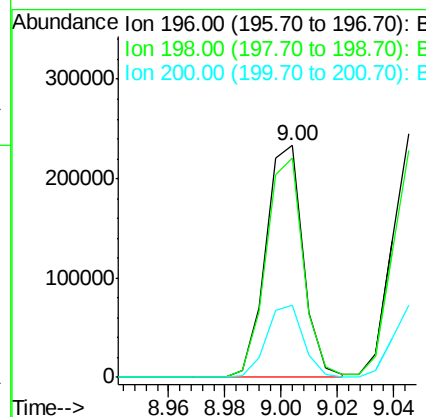
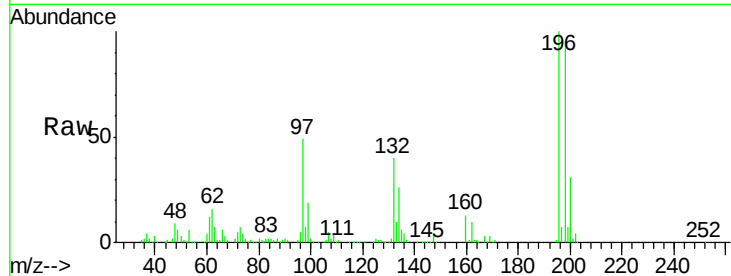
#43  
 2,4,6-Trichlorophenol  
 Concen: 37.310 ng  
 RT: 9.00 min Scan# 1176  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 215629 |       |       |
| 198     | 94.6  | 75.8   | 113.8 |       |
| 200     | 31.1  | 24.3   | 36.5  |       |

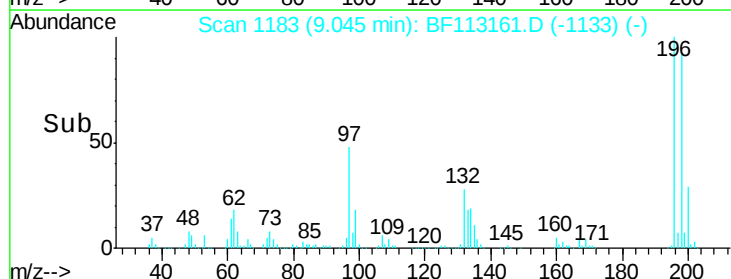
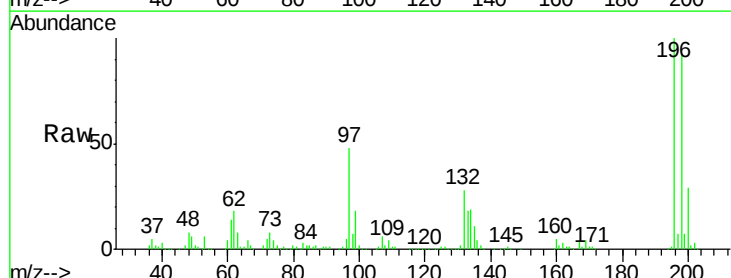
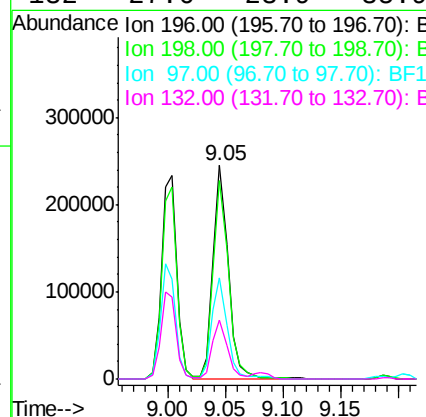
Manual Integrations  
 APPROVED

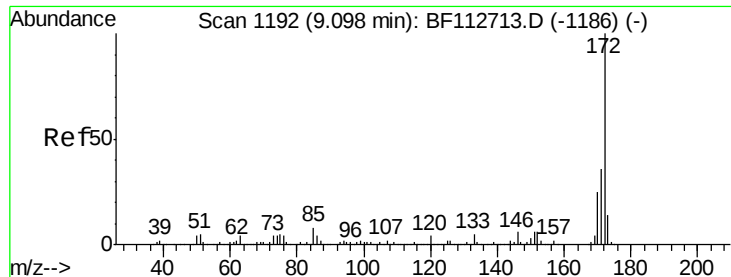
Sohil  
 3/20/2019 6:51:32 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 36.652 ng  
 RT: 9.05 min Scan# 1183  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 228962 |       |       |
| 198     | 93.1  | 76.2   | 114.2 |       |
| 97      | 47.5  | 41.5   | 62.3  |       |
| 132     | 27.6  | 23.9   | 35.9  |       |





#45

2-Fluorobiphenyl

Concen: 83.890 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

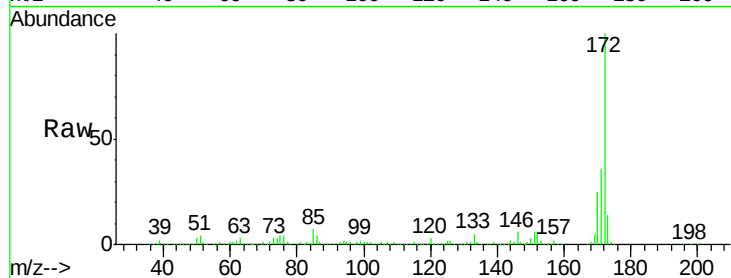
ClientSampleId :

SSTDCCC040EC

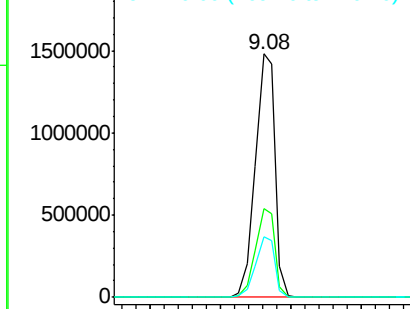
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1463137 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 36.3  | 29.0  | 43.4    |
| 170      | 24.7  | 20.0  | 30.0    |

Manual Integrations  
APPROVED

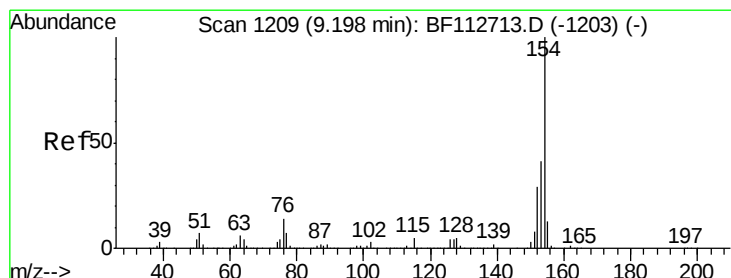
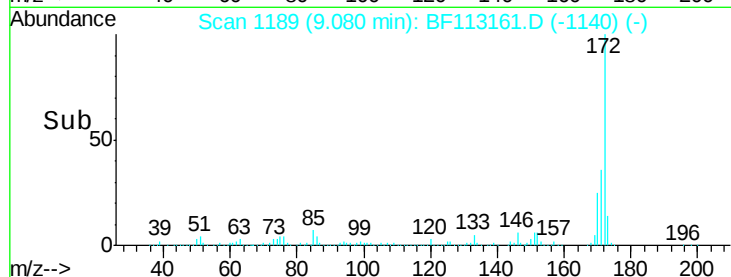
Sohil  
3/20/2019 6:51:32 PM



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



Time-->



#46

1,1'-Biphenyl

Concen: 40.079 ng

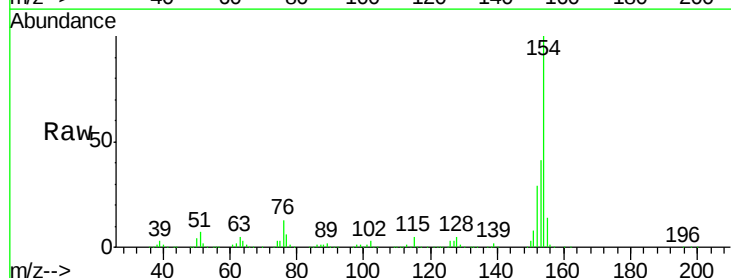
RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

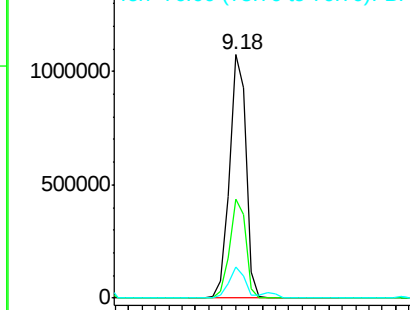
Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

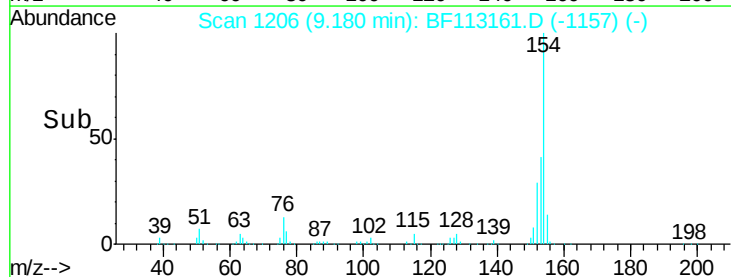
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 941401 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 40.6  | 20.8  | 60.8   |
| 76       | 12.8  | 0.0   | 33.8   |

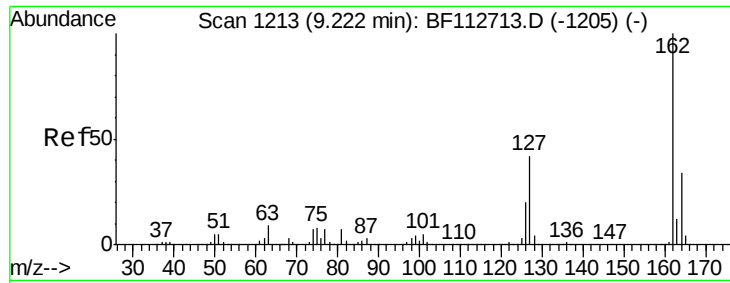


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1



Time-->





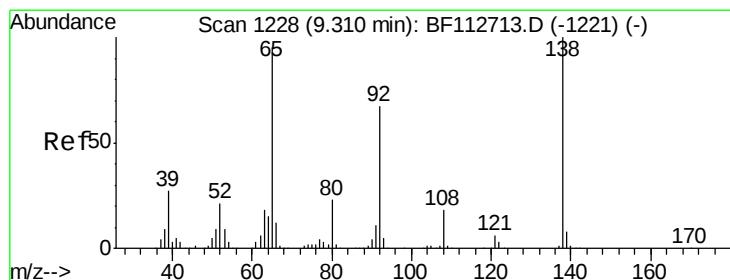
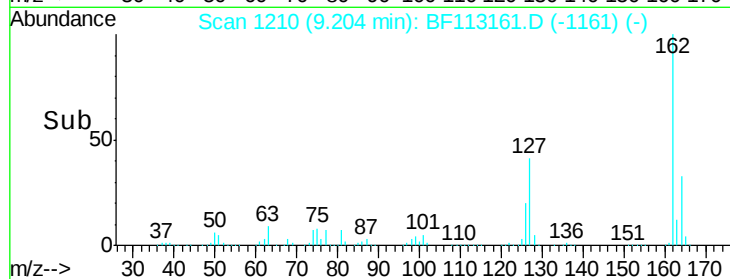
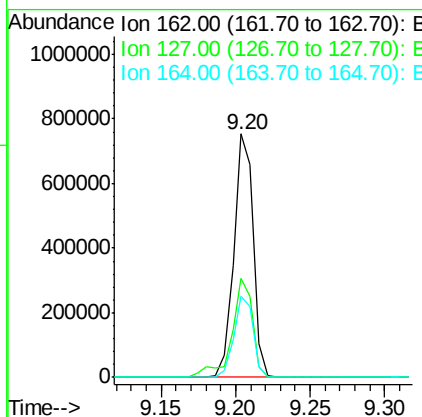
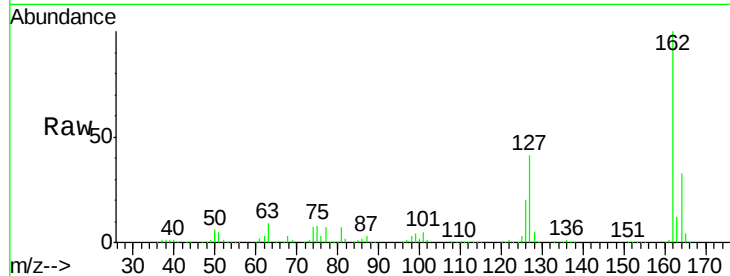
#47  
 2-Chloronaphthalene  
 Concen: 37.662 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 690742 |       |       |
| 127     | 40.8  | 33.4   | 50.2  |       |
| 164     | 33.3  | 26.9   | 40.3  |       |

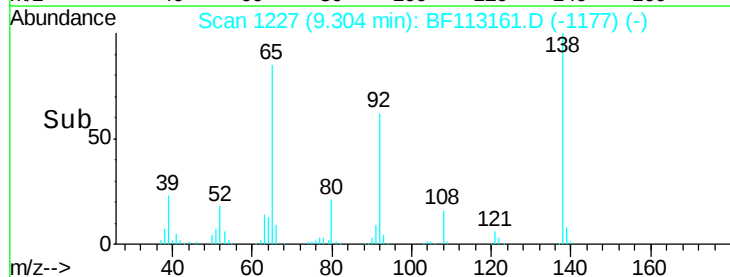
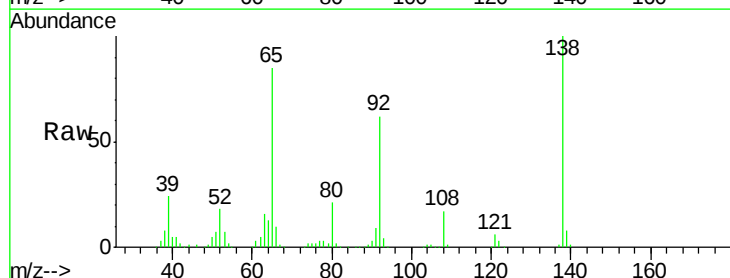
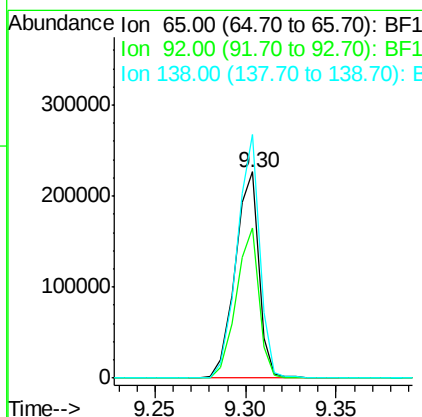
Manual Integrations  
 APPROVED

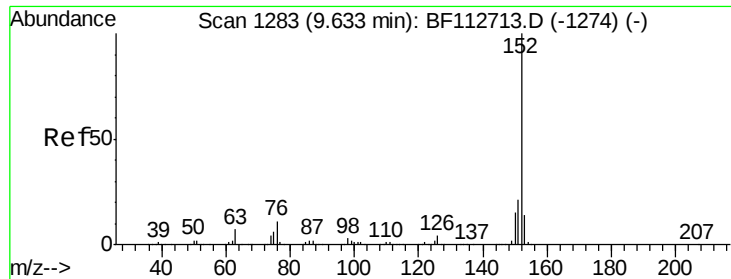
Sohil  
 3/20/2019 6:51:32 PM



#48  
 2-Nitroaniline  
 Concen: 37.080 ng  
 RT: 9.30 min Scan# 1227  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 206712 |       |       |
| 92      | 73.1  | 56.4   | 84.6  |       |
| 138     | 118.1 | 84.6   | 126.8 |       |





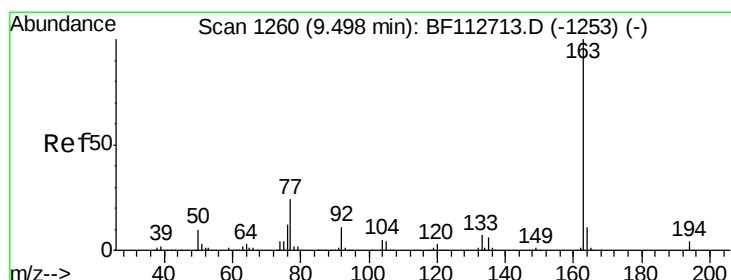
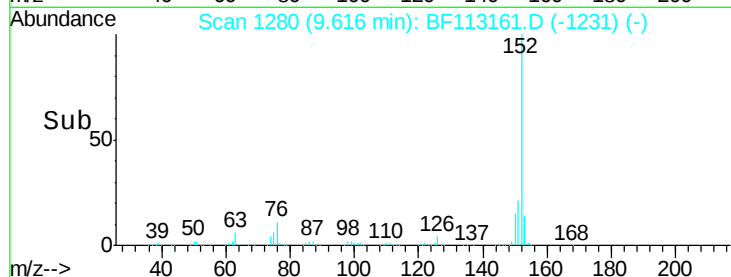
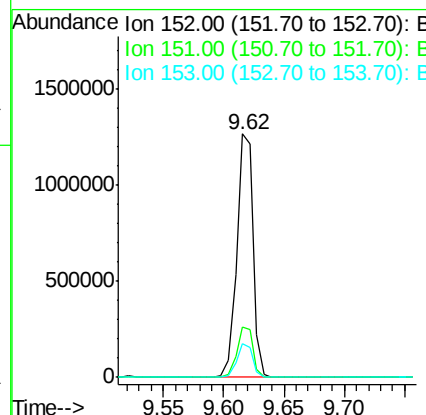
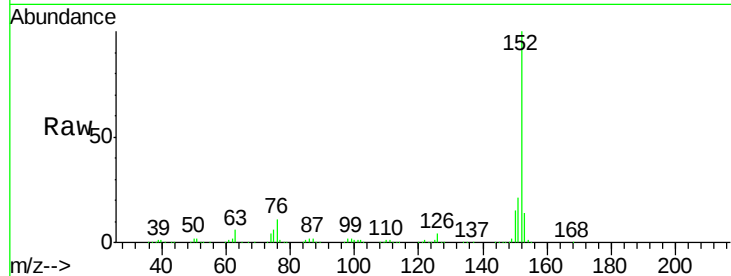
#49  
Acenaphthylene  
Concen: 38.083 ng  
RT: 9.62 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:152 Resp: 1185761  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.9 25.3  
153 13.8 11.0 16.6

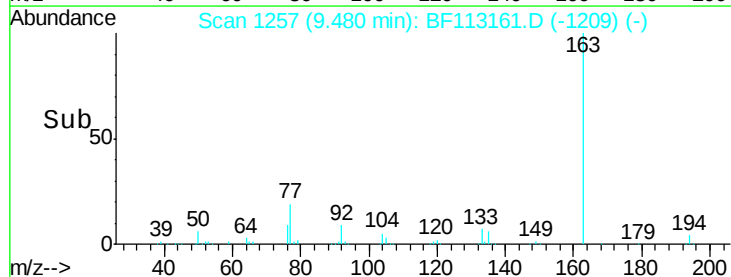
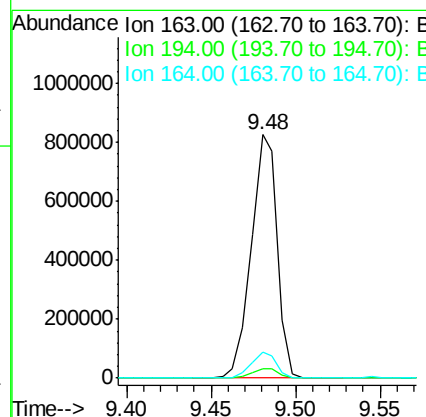
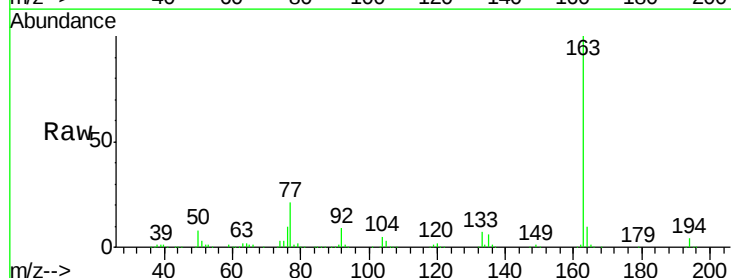
Manual Integrations  
APPROVED

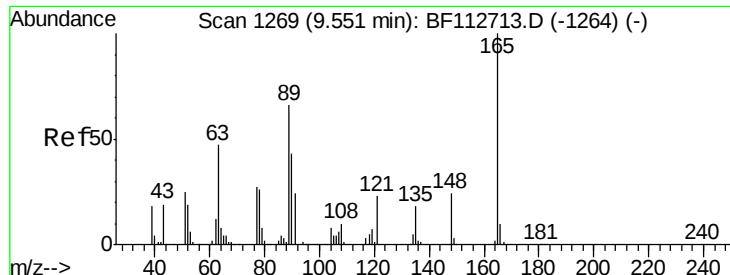
Sohil  
3/20/2019 6:51:32 PM



#50  
Dimethylphthalate  
Concen: 41.557 ng  
RT: 9.48 min Scan# 1257  
Delta R.T. -0.02 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Tgt Ion:163 Resp: 882415  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.4  
164 10.5 8.4 12.6





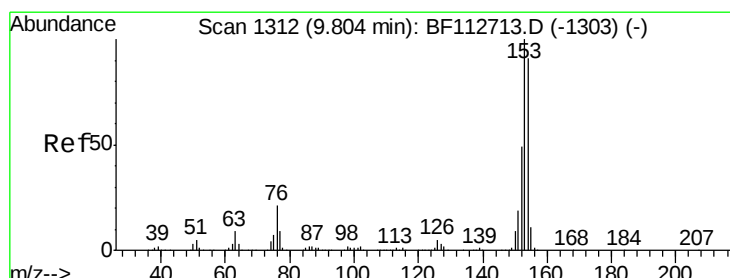
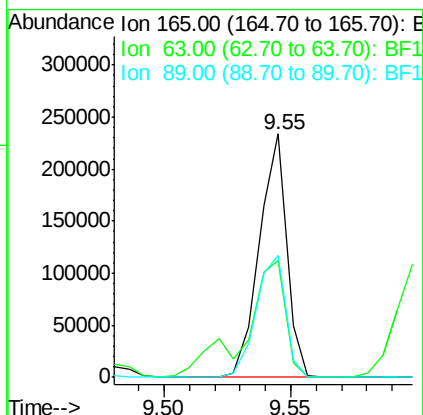
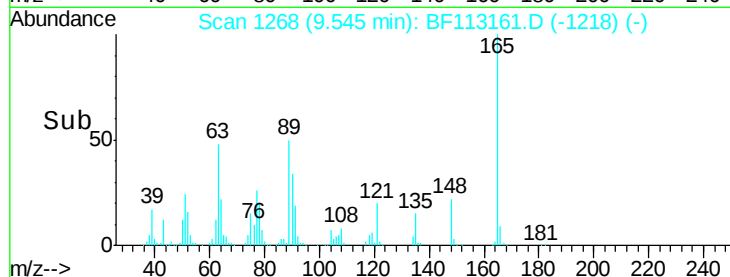
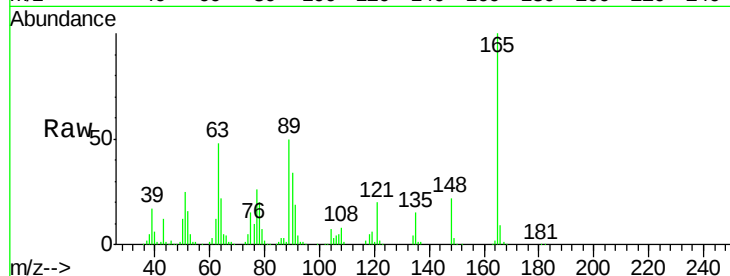
#51  
2,6-Dinitrotoluene  
Concen: 40.162 ng  
RT: 9.55 min Scan# 1268  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 48.1  | 54.1       | 81.1#      |
| 89      | 50.3  | 52.8       | 79.2#      |

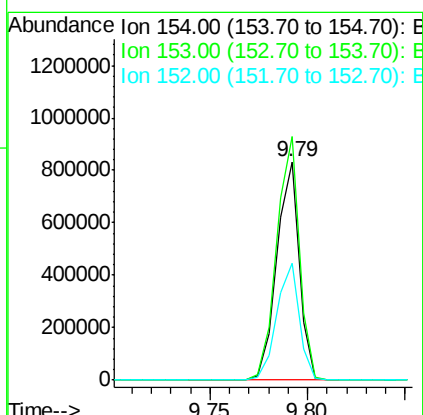
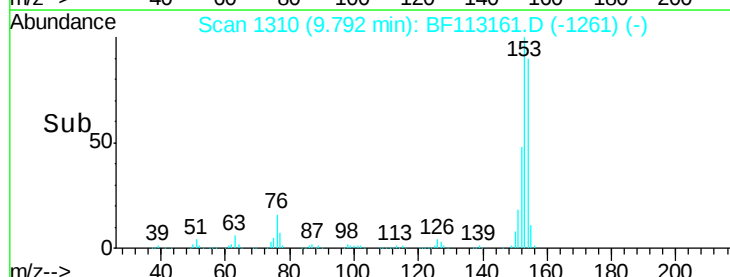
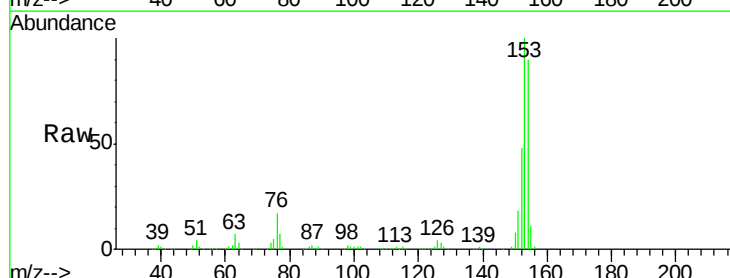
Manual Integrations  
APPROVED

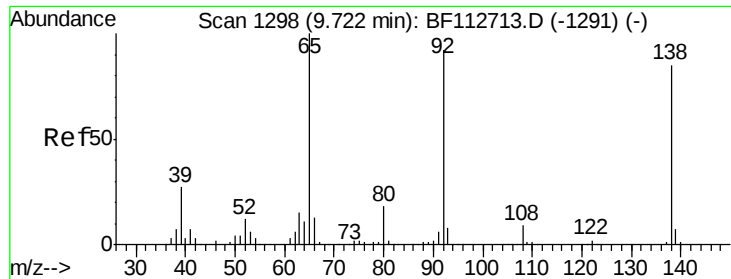
Sohil  
3/20/2019 6:51:32 PM



#52  
Acenaphthene  
Concen: 36.623 ng  
RT: 9.79 min Scan# 1310  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 111.7 | 87.8       | 131.8      |
| 152     | 53.4  | 43.0       | 64.6       |





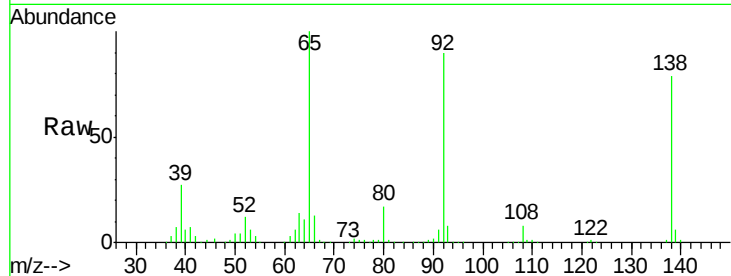
#53  
3-Nitroaniline  
Concen: 41.854 ng  
RT: 9.71 min Scan# 1296  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

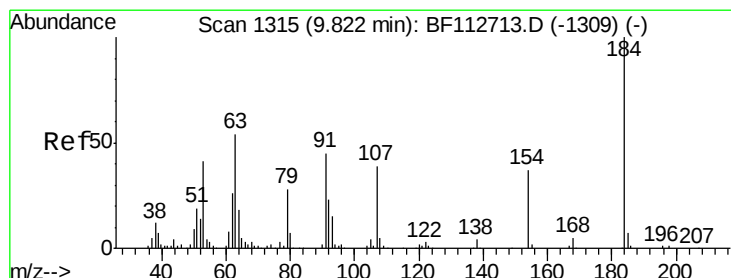
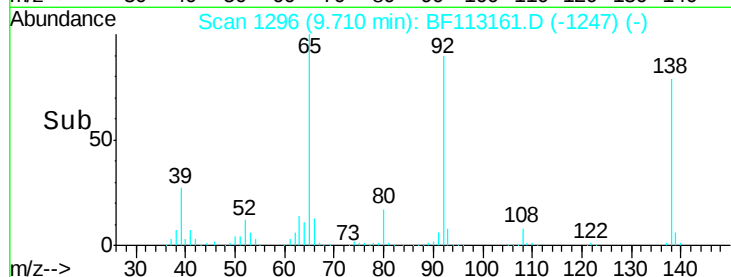
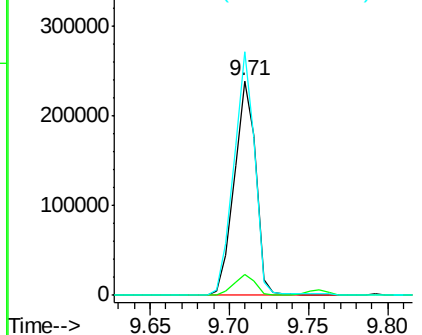
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.5   | 8.6   | 13.0  |
| 92      | 113.6 | 86.6  | 129.8 |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM

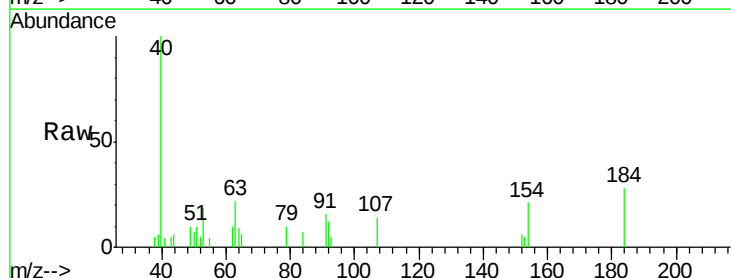


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

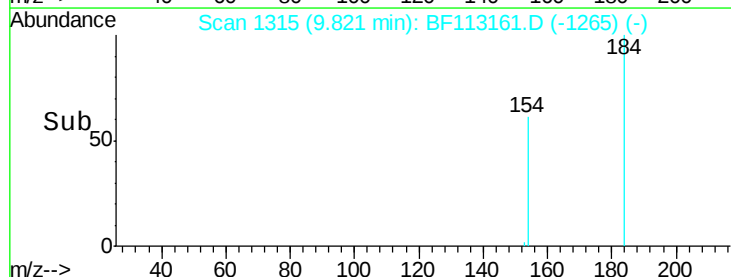
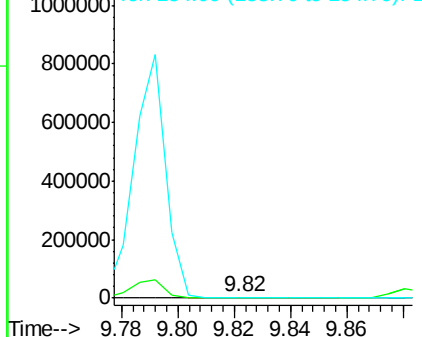


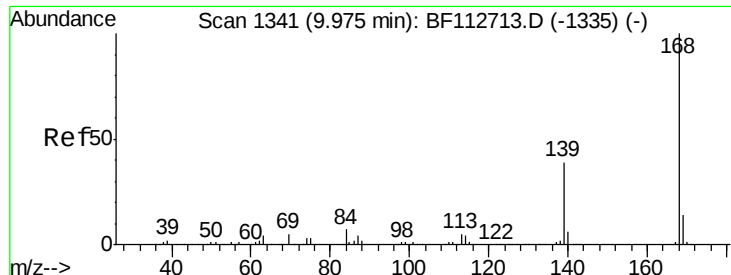
#54  
2,4-Dinitrophenol  
Concen: 7.762 ng  
RT: 9.82 min Scan# 1315  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 79.5  | 45.3  | 67.9# |
| 154     | 77.1  | 46.0  | 69.0# |



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





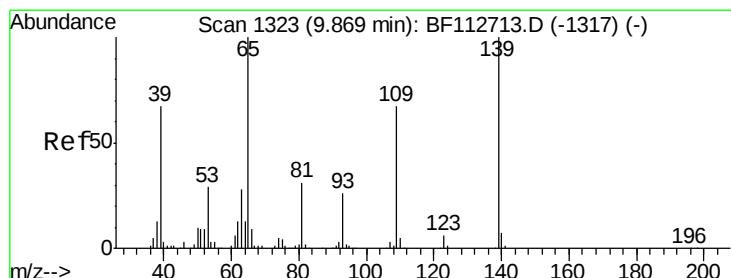
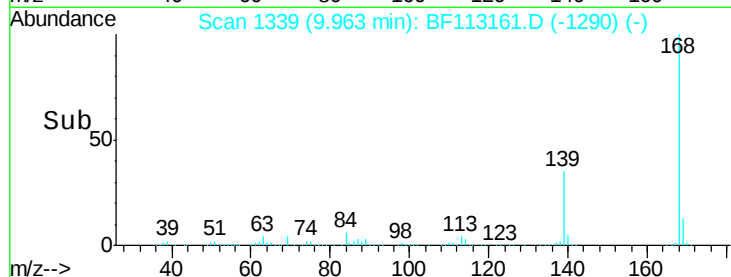
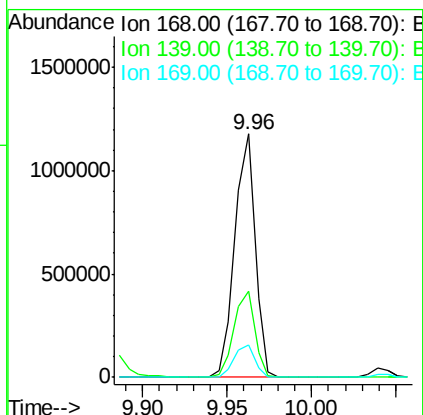
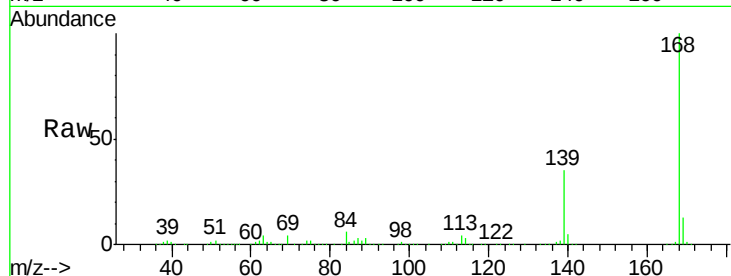
#55  
Dibenzofuran  
Concen: 37.358 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 168     | 100   |            |            |
| 139     | 35.5  | 31.3       | 46.9       |
| 169     | 13.4  | 11.3       | 16.9       |

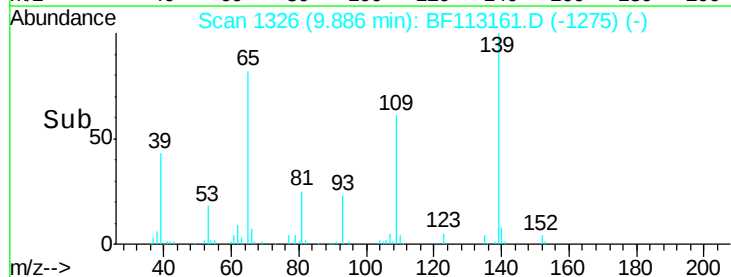
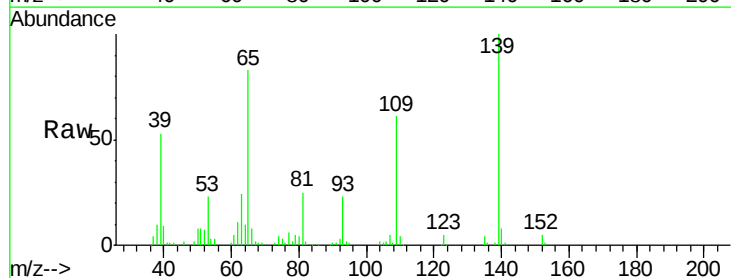
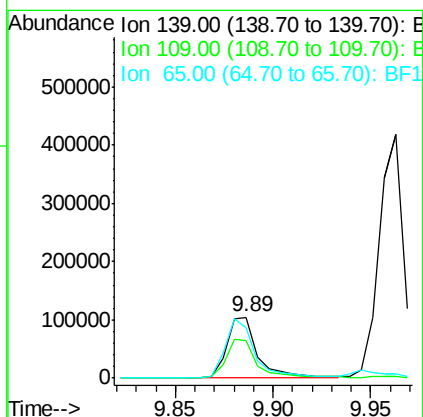
Manual Integrations  
APPROVED

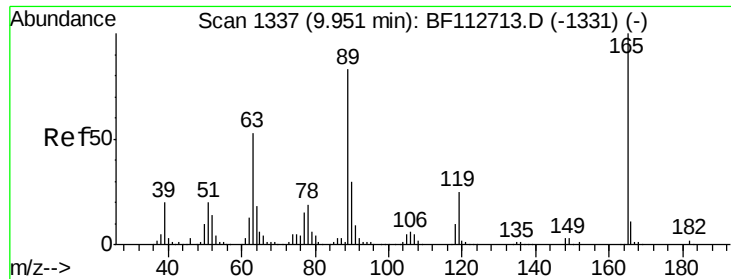
Sohil  
3/20/2019 6:51:32 PM



#56  
4-Nitrophenol  
Concen: 26.483 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 139     | 100   |            |            |
| 109     | 60.9  | 46.8       | 86.8       |
| 65      | 83.1  | 80.7       | 120.7      |





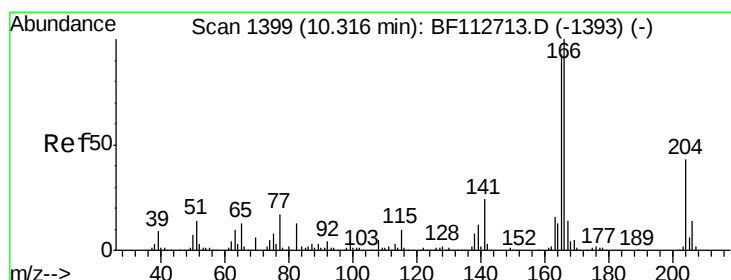
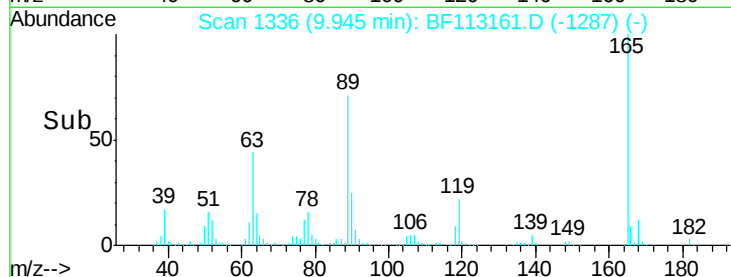
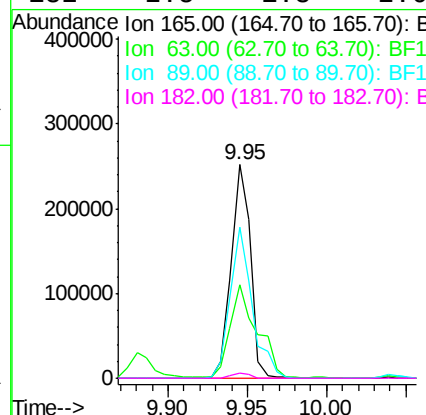
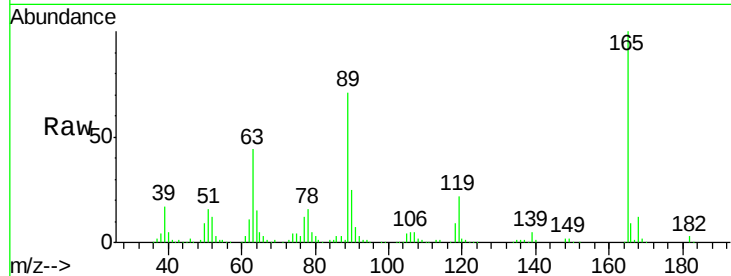
#57  
2,4-Dinitrotoluene  
Concen: 38.635 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 212348 |       |       |
| 63      | 43.9  | 42.2   | 63.2  |       |
| 89      | 70.7  | 66.2   | 99.4  |       |
| 182     | 2.5   | 1.8    | 2.6   |       |

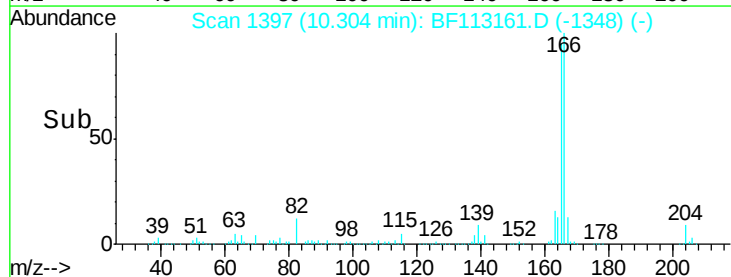
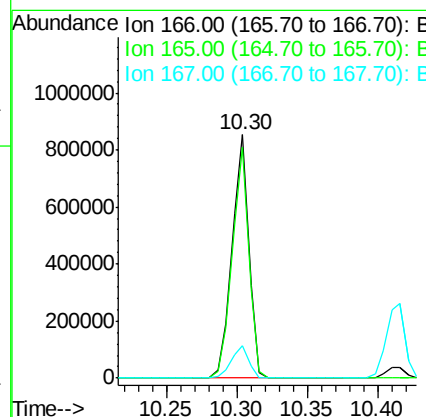
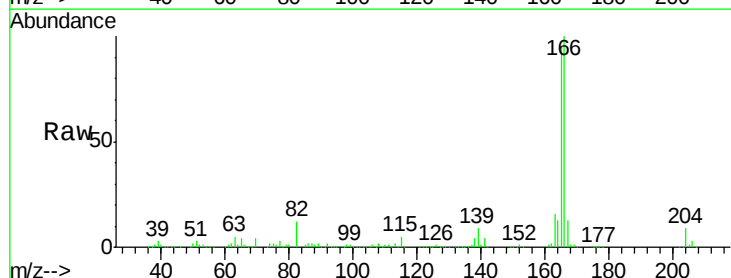
Manual Integrations  
APPROVED

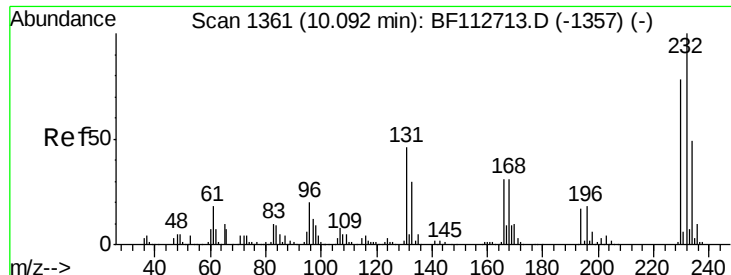
Sohil  
3/20/2019 6:51:32 PM



#58  
Fluorene  
Concen: 37.653 ng  
RT: 10.30 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 707235 |       |       |
| 165     | 94.6  | 74.7   | 112.1 |       |
| 167     | 13.4  | 11.0   | 16.6  |       |





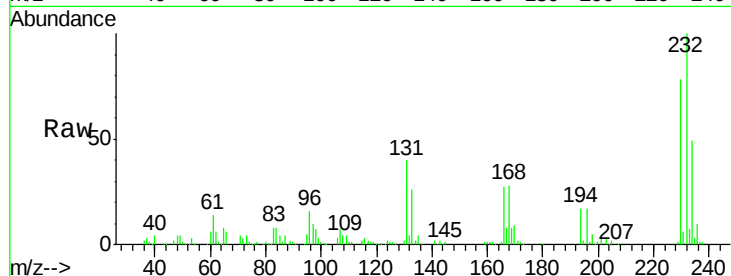
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 30.564 ng  
 RT: 10.09 min Scan# 1360  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040EC

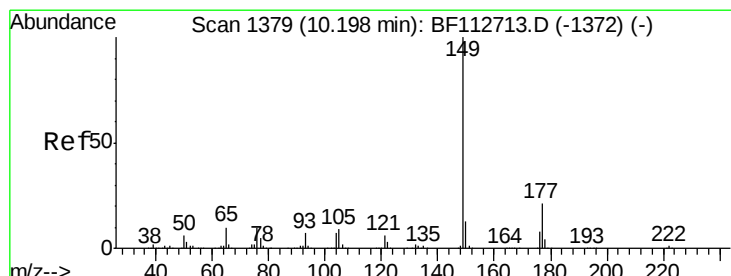
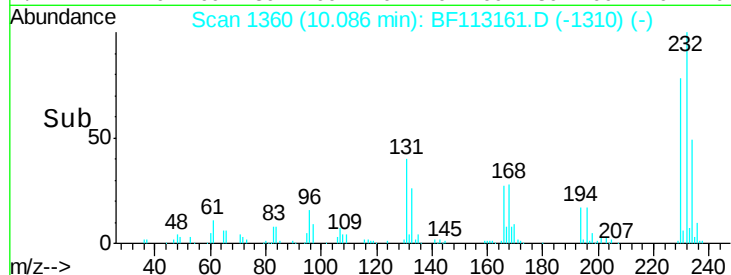
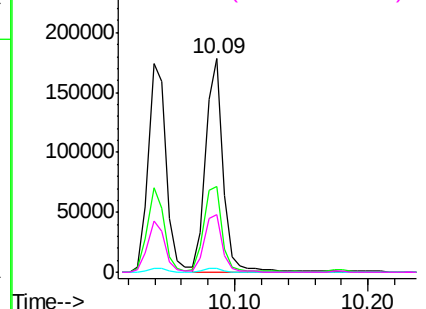
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 159074 |       |       |
| 131     | 43.7  | 38.7   | 58.1  |       |
| 130     | 2.0   | 1.9    | 2.9   |       |
| 166     | 27.5  | 25.2   | 37.8  |       |

Manual Integrations  
 APPROVED

Sohil  
 3/20/2019 6:51:32 PM

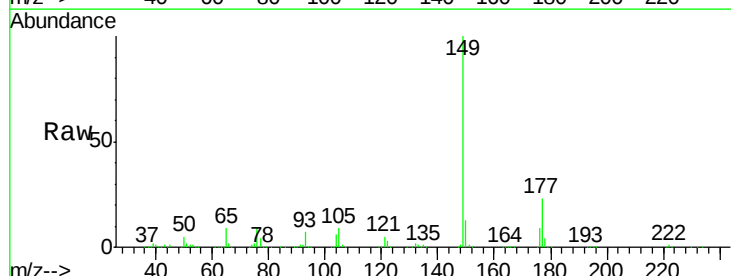


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

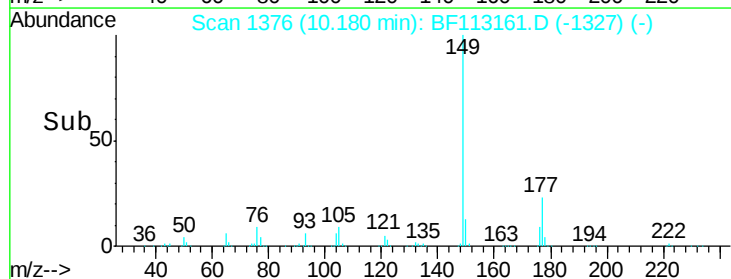
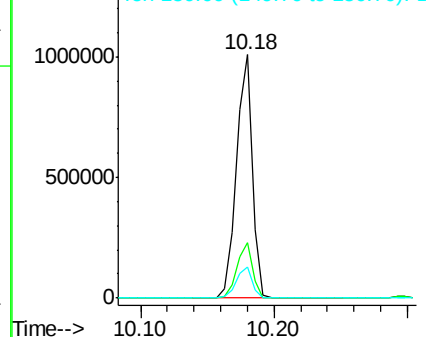


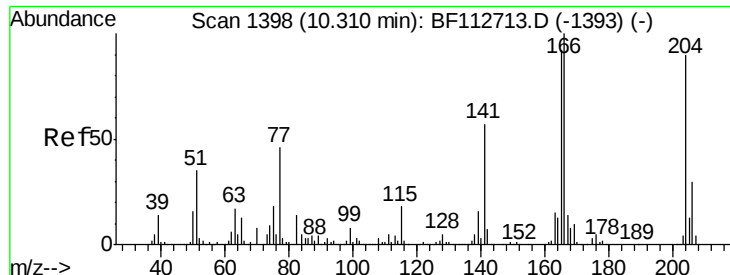
#60  
 Diethylphthalate  
 Concen: 38.058 ng  
 RT: 10.18 min Scan# 1376  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 853500 |       |       |
| 177     | 22.6  | 17.0   | 25.6  |       |
| 150     | 12.6  | 10.0   | 15.0  |       |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





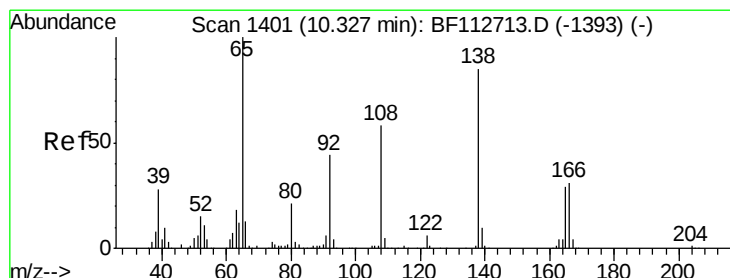
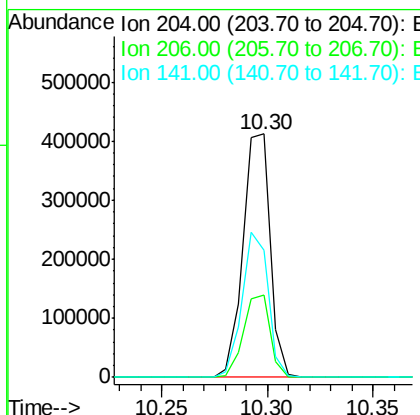
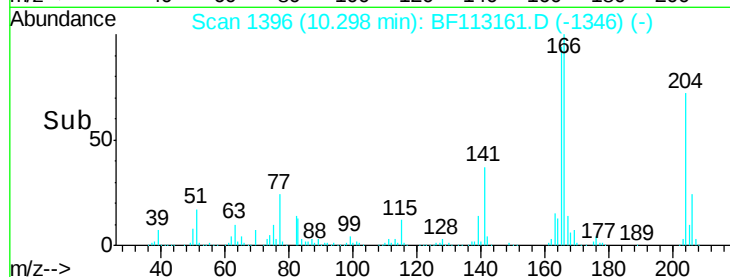
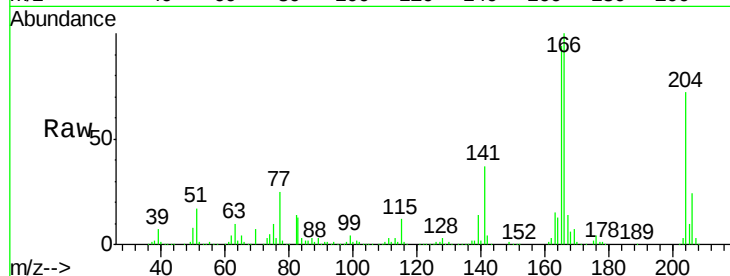
#61  
 4-Chlorophenyl-phenylether  
 Concen: 42.228 ng  
 RT: 10.30 min Scan# 1396  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 369028 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.6  | 26.6  | 40.0   |
| 141       | 52.3  | 50.8  | 76.2   |

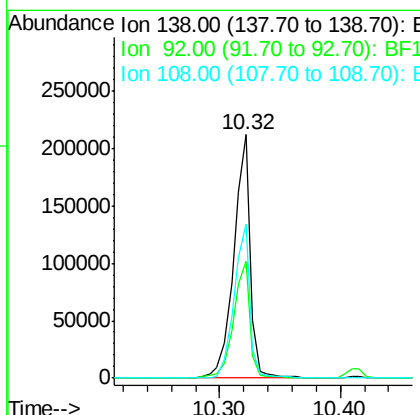
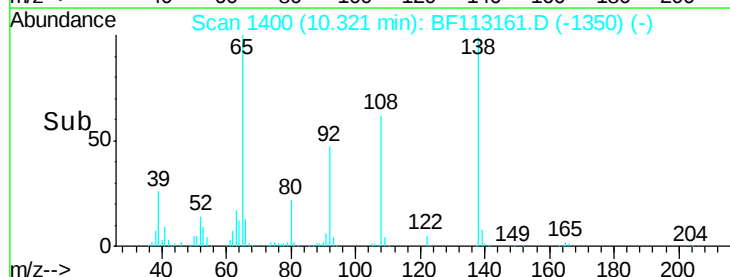
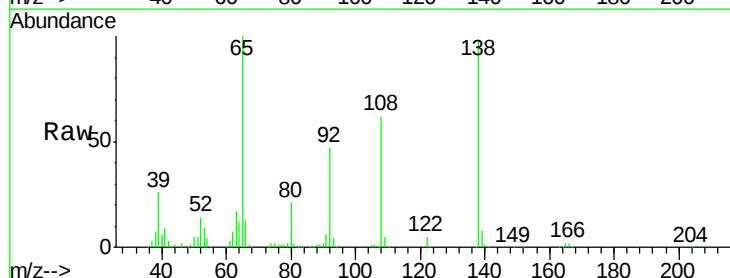
Manual Integrations  
 APPROVED

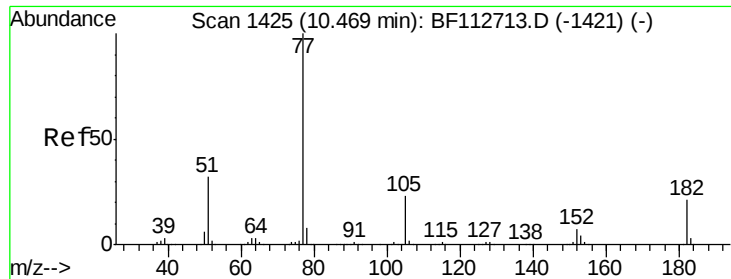
Sohil  
 3/20/2019 6:51:32 PM



#62  
 4-Nitroaniline  
 Concen: 40.174 ng  
 RT: 10.32 min Scan# 1400  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 200014 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 47.8  | 31.3  | 71.3   |
| 108       | 63.1  | 48.1  | 88.1   |





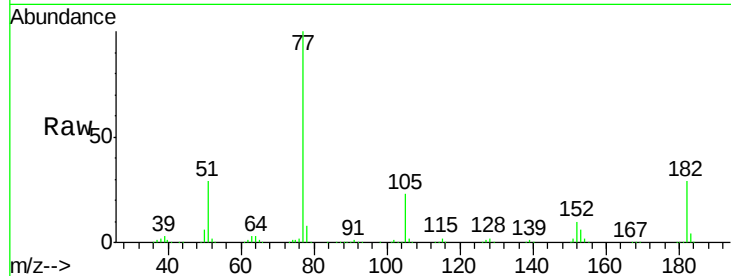
#63  
Azobenzene  
Concen: 31.369 ng  
RT: 10.46 min Scan# 1423  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

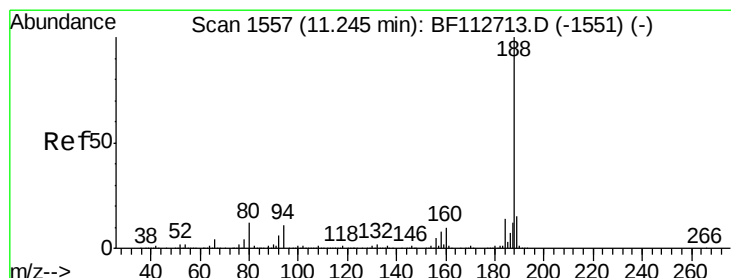
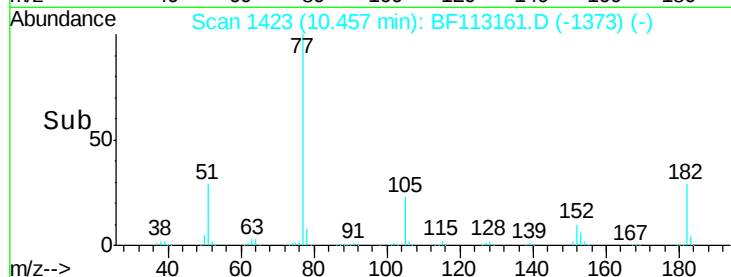
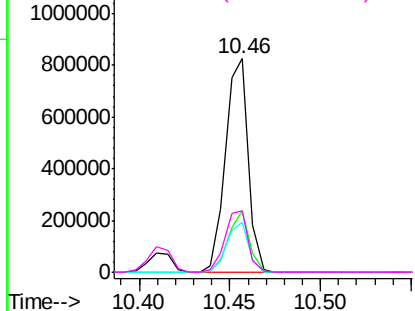
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 28.6 | 1.4   | 41.4  |       |
| 105     | 23.5 | 2.6   | 42.6  |       |
| 51      | 28.7 | 12.0  | 52.0  |       |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM

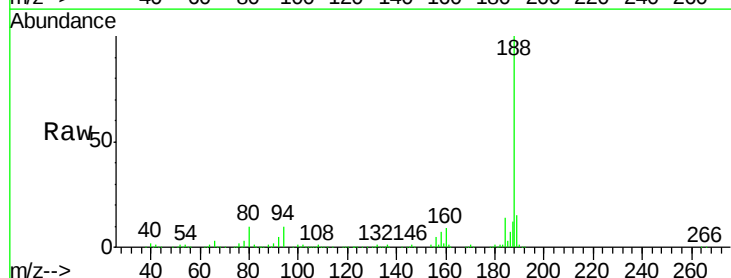


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

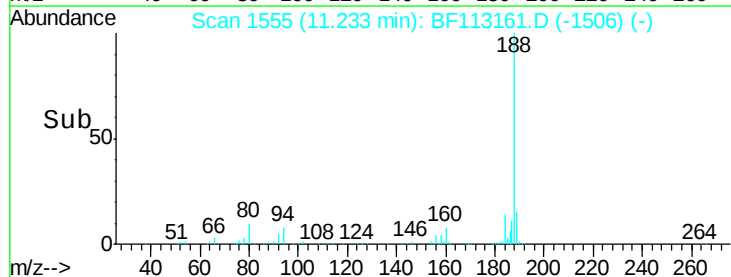
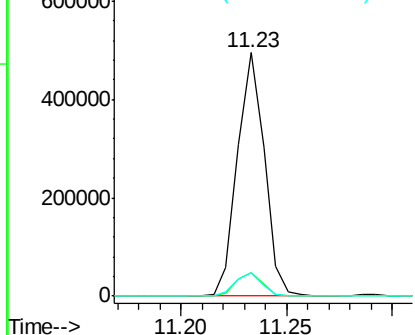


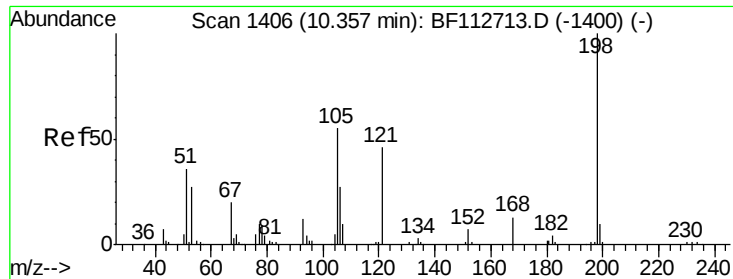
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.23 min Scan# 1555  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 9.6 | 9.0   | 13.4  |       |
| 80      | 9.8 | 9.2   | 13.8  |       |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





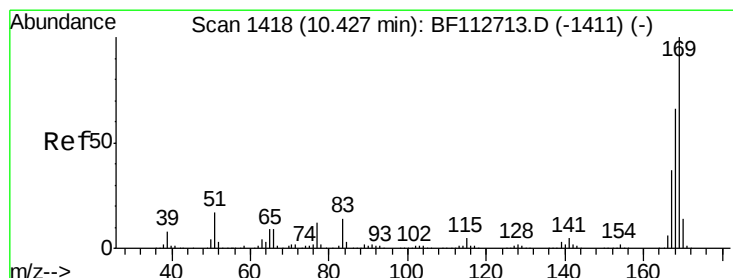
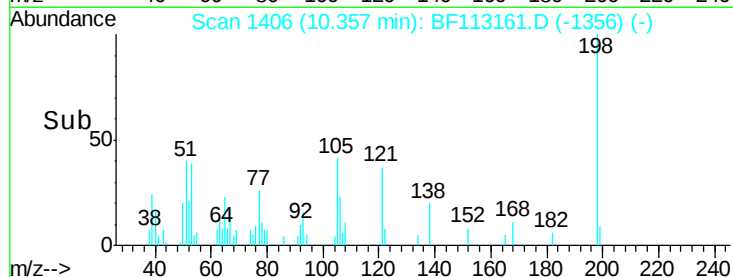
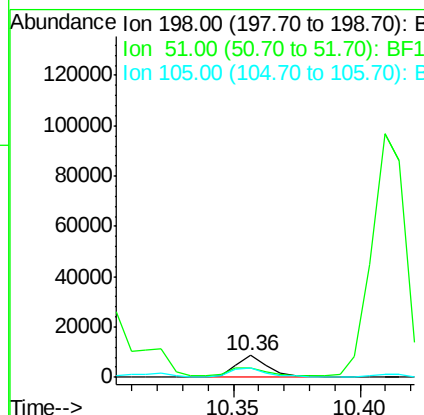
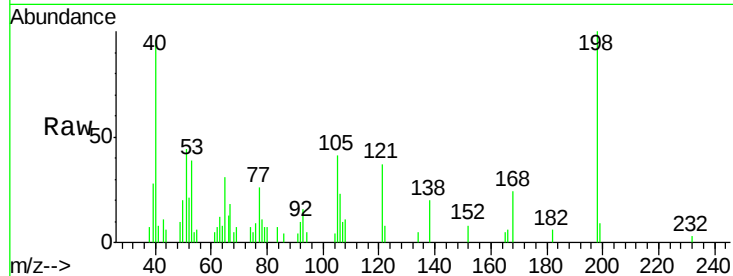
#65  
4,6-Dinitro-2-methylphenol  
Concen: 8.416 ng  
RT: 10.36 min Scan# 1406  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   | 7582 |       |       |
| 51      | 44.4  |      | 43.8  | 83.8  |
| 105     | 40.8  |      | 36.5  | 76.5  |

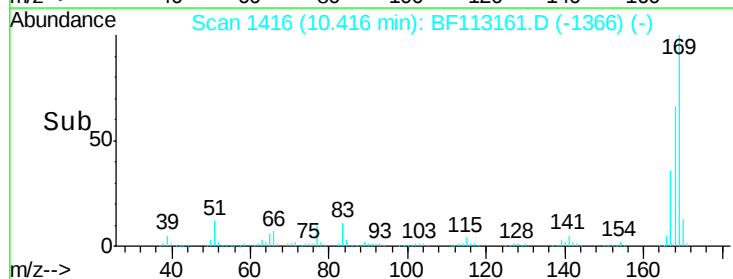
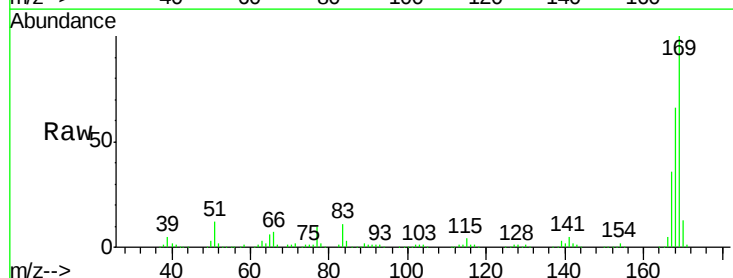
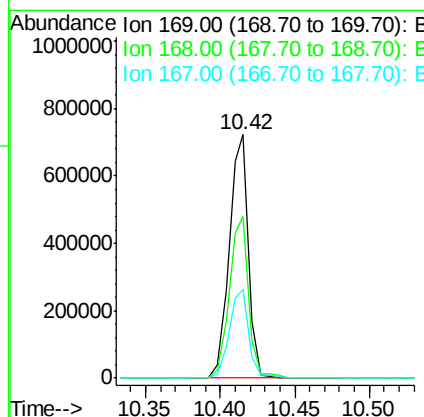
Manual Integrations  
APPROVED

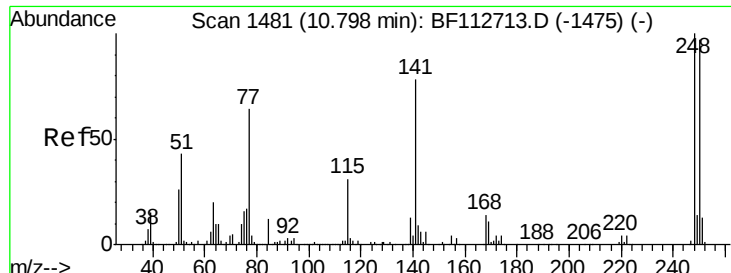
Sohil  
3/20/2019 6:51:32 PM



#66  
n-Nitrosodiphenylamine  
Concen: 46.589 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 655265 |       |       |
| 168     | 66.3  |        | 53.0  | 79.6  |
| 167     | 36.2  |        | 29.3  | 43.9  |





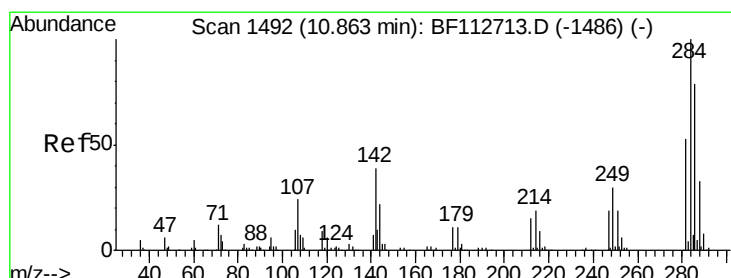
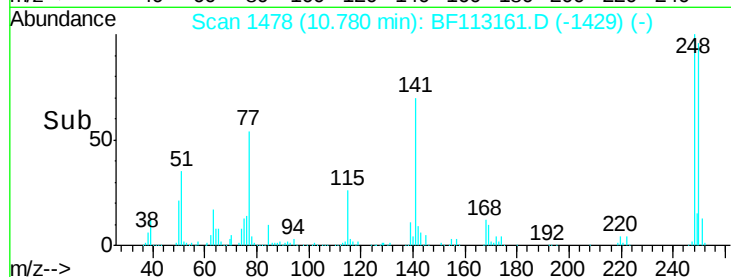
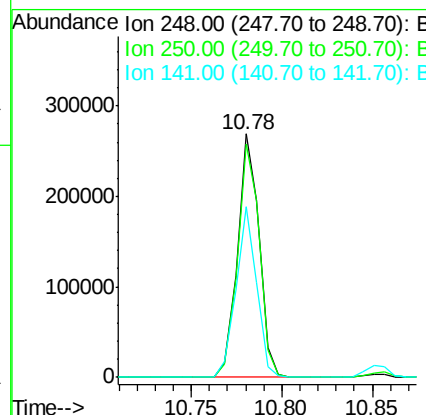
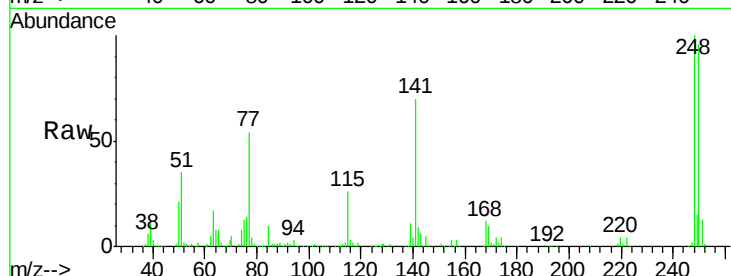
#67  
 4-Bromophenyl-phenylether  
 Concen: 48.302 ng  
 RT: 10.78 min Scan# 1478  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 223118 |       |       |
| 250     | 96.0  | 77.5   | 116.3 |       |
| 141     | 70.0  | 62.4   | 93.6  |       |

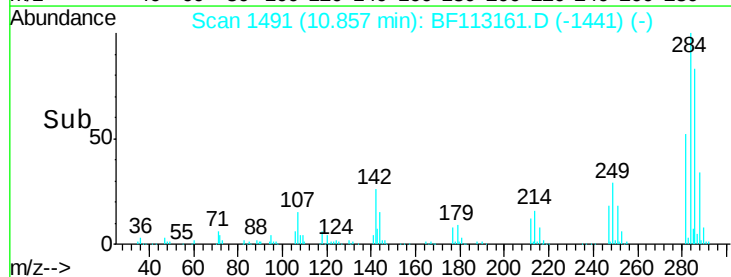
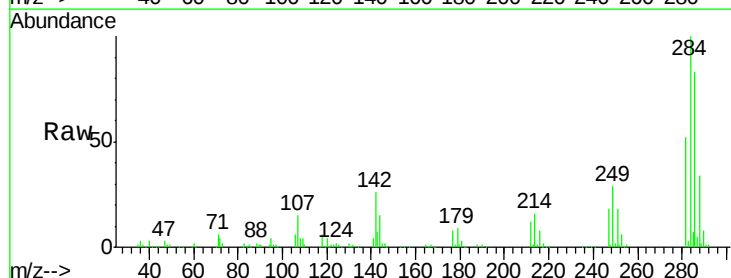
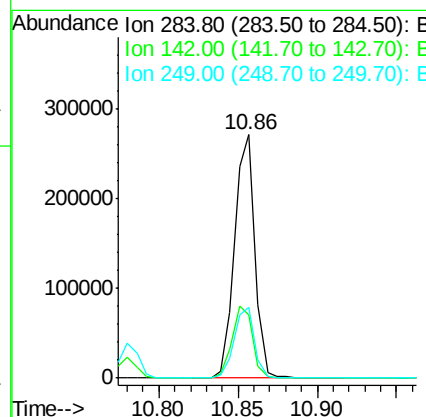
Manual Integrations  
 APPROVED

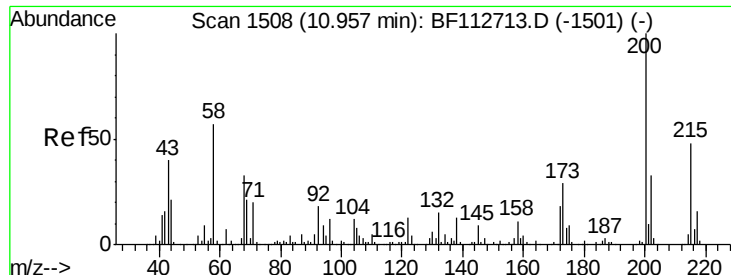
Sohil  
 3/20/2019 6:51:32 PM



#68  
 Hexachlorobenzene  
 Concen: 46.167 ng  
 RT: 10.86 min Scan# 1491  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 240394 |       |       |
| 142     | 26.0  | 31.0   | 46.6# |       |
| 249     | 28.9  | 23.6   | 35.4  |       |





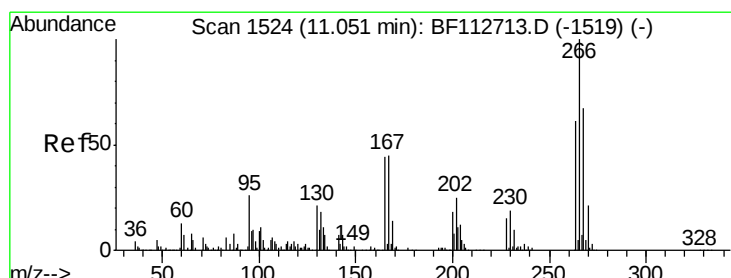
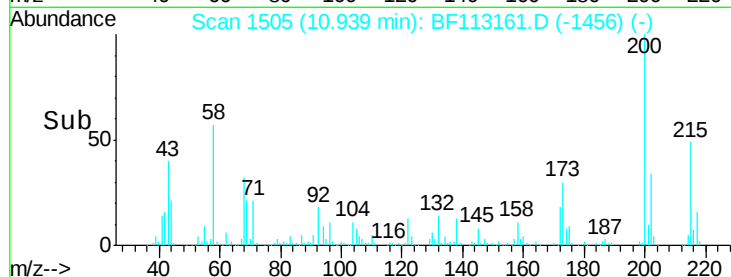
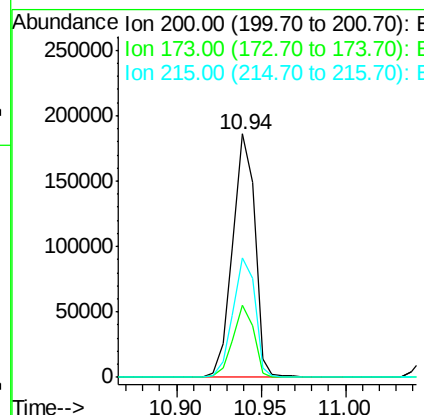
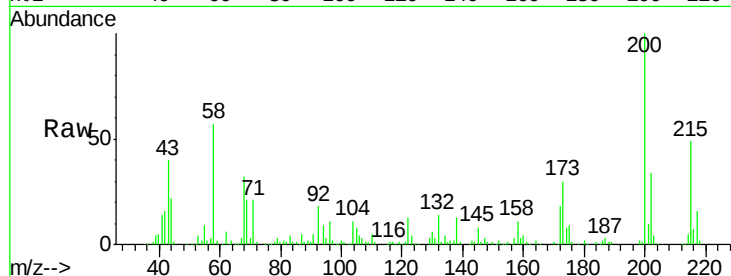
#69  
 Atrazine  
 Concen: 39.471 ng  
 RT: 10.94 min Scan# 1505  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 29.7  | 9.1        | 49.1       |
| 215     | 49.1  | 28.2       | 68.2       |

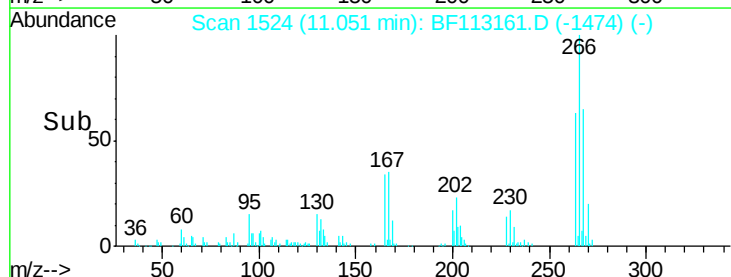
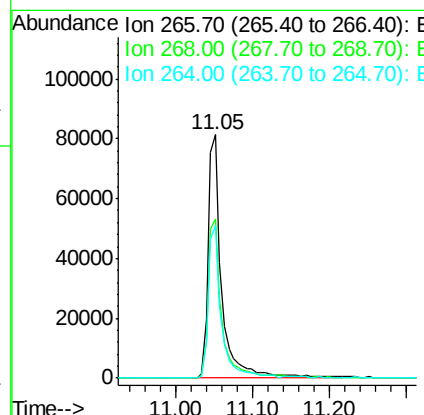
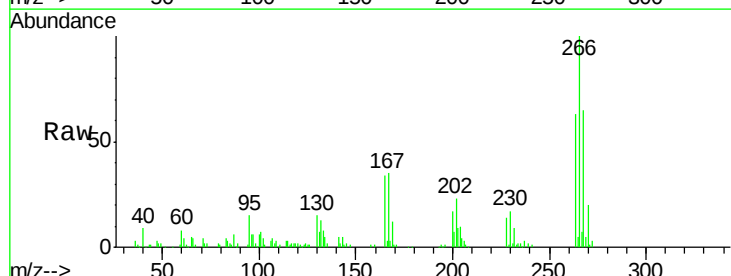
Manual Integrations  
 APPROVED

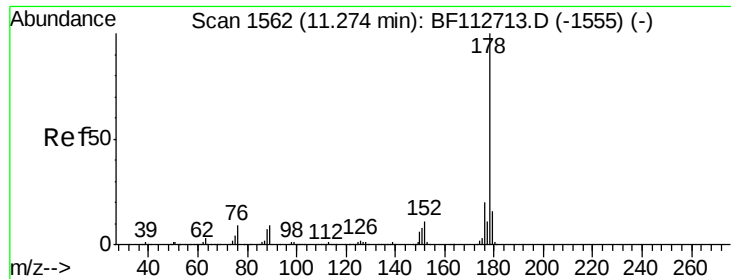
Sohil  
 3/20/2019 6:51:32 PM



#70  
 Pentachlorophenol  
 Concen: 32.752 ng  
 RT: 11.05 min Scan# 1524  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 65.2  | 53.3       | 79.9       |
| 264     | 62.5  | 48.9       | 73.3       |





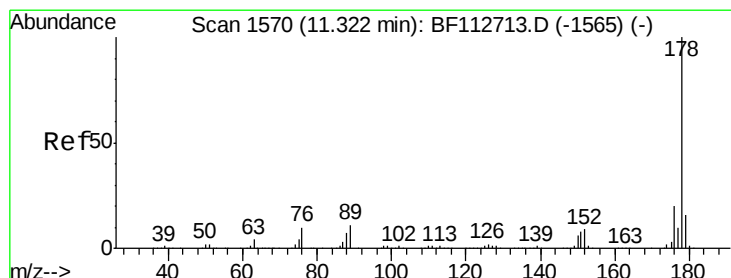
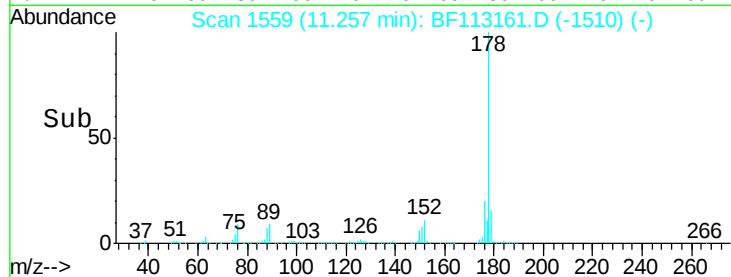
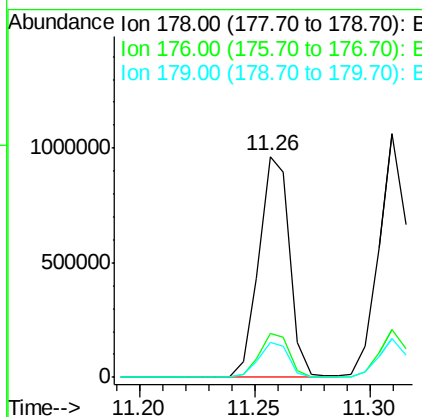
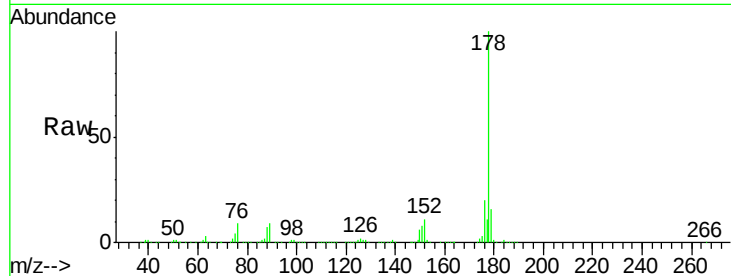
#71  
Phenanthrene  
Concen: 41.058 ng  
RT: 11.26 min Scan# 1559  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 16.3  | 24.5  |
| 179     | 15.6  | 12.7  | 19.1  |

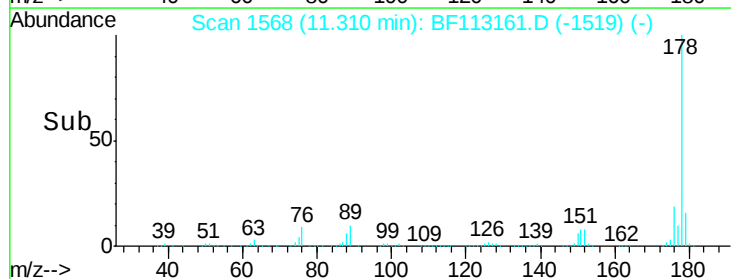
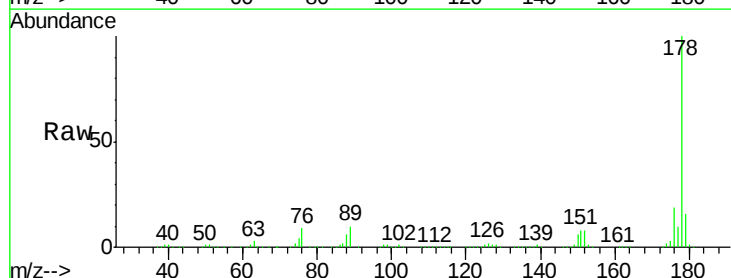
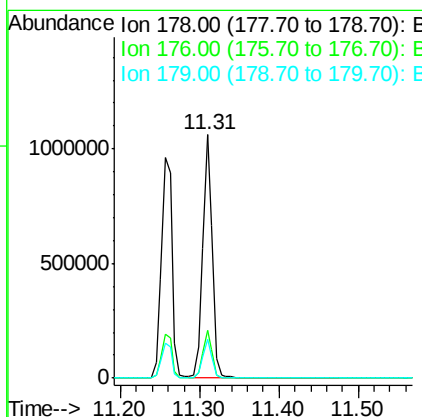
Manual Integrations  
APPROVED

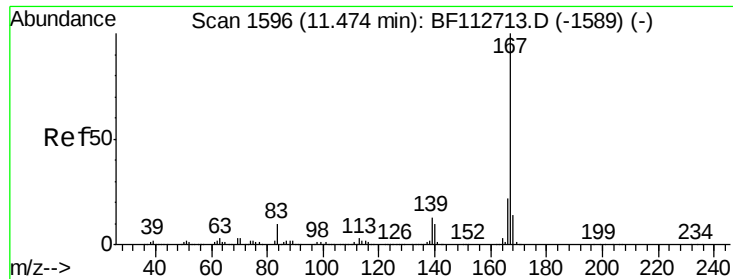
Sohil  
3/20/2019 6:51:32 PM



#72  
Anthracene  
Concen: 39.862 ng  
RT: 11.31 min Scan# 1568  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.8  | 23.6  |
| 179     | 15.8  | 13.0  | 19.6  |





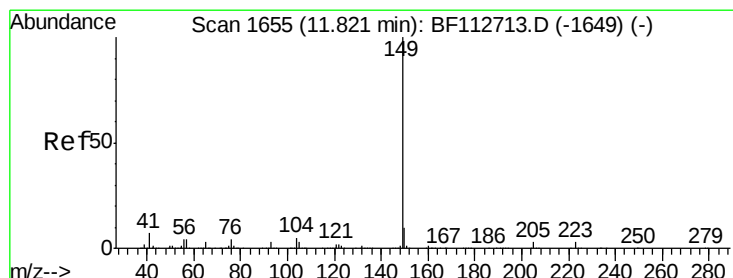
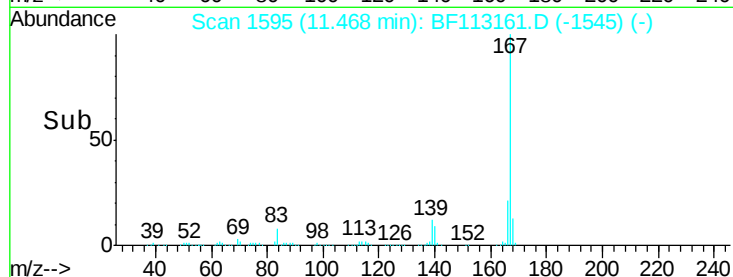
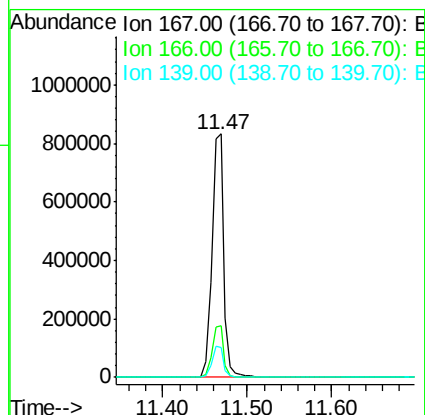
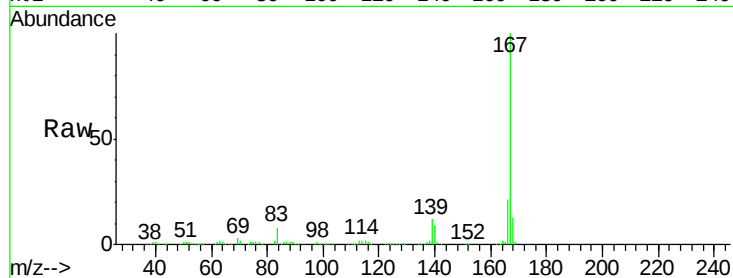
#73  
 Carbazole  
 Concen: 36.821 ng  
 RT: 11.47 min Scan# 1595  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.3  | 17.5  | 26.3  |
| 139     | 12.1  | 10.8  | 16.2  |

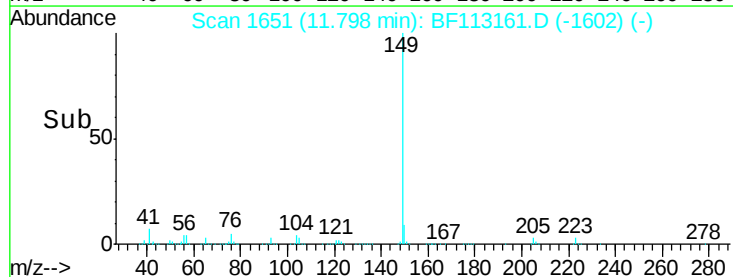
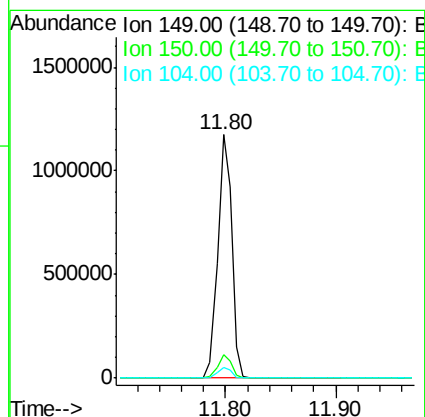
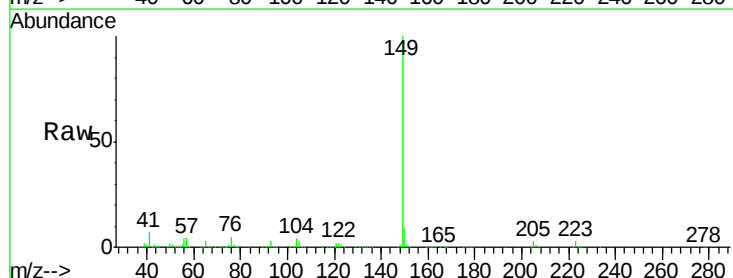
Manual Integrations  
 APPROVED

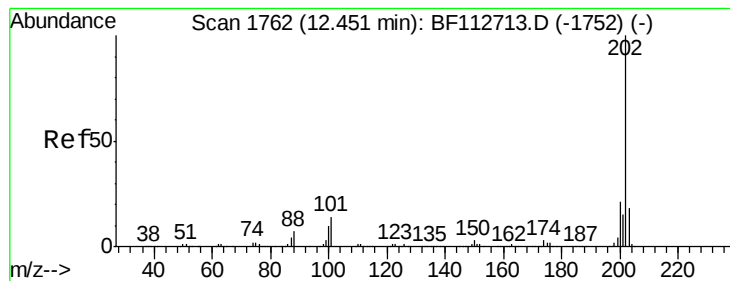
Sohil  
 3/20/2019 6:51:32 PM



#74  
 Di-n-butylphthalate  
 Concen: 38.383 ng  
 RT: 11.80 min Scan# 1651  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 7.6   | 11.4  |
| 104     | 4.5   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 39.111 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

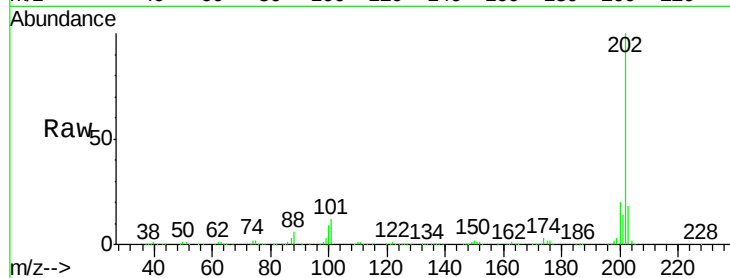
ClientSampleId :

SSTDCCC040EC

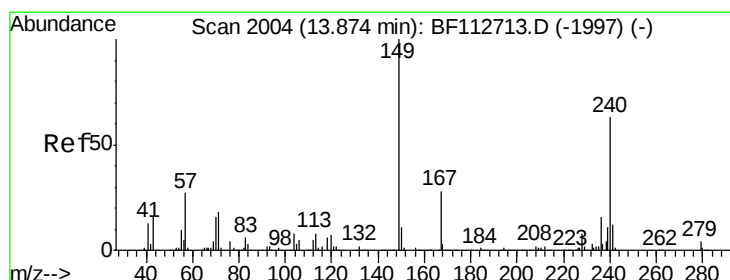
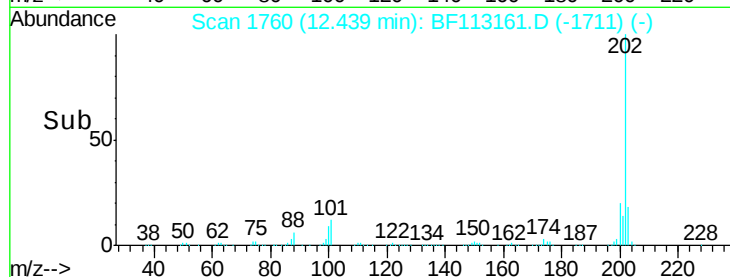
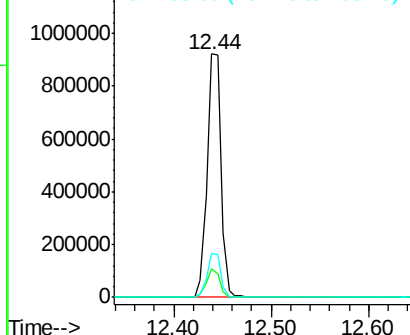
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 914303 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 11.8  | 0.0   | 33.8   |
| 203       | 17.9  | 0.0   | 38.4   |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

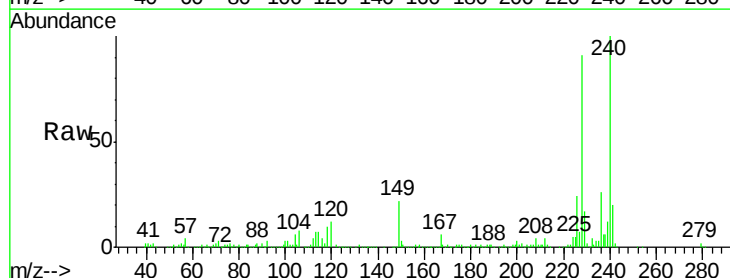
RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

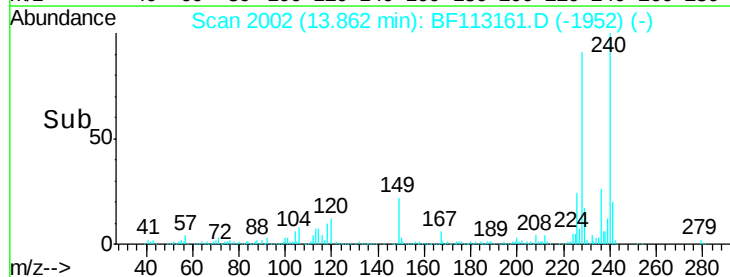
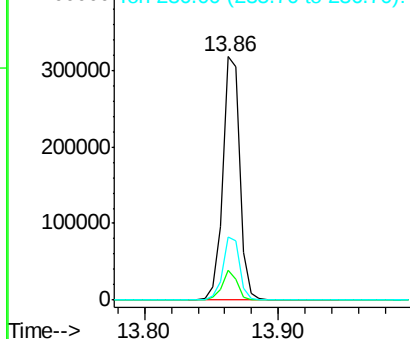
Lab File: BF113161.D

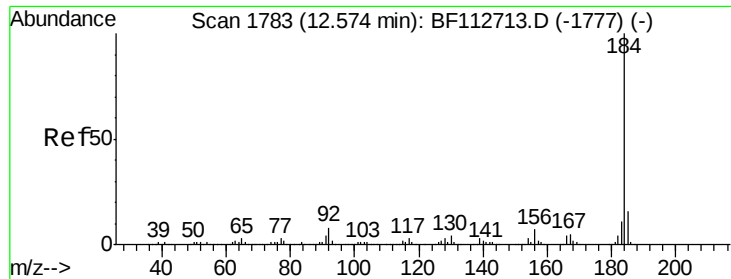
Acq: 20 Mar 2019 8:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 288109 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 12.1  | 8.9   | 13.3   |
| 236       | 26.1  | 20.7  | 31.1   |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.368 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

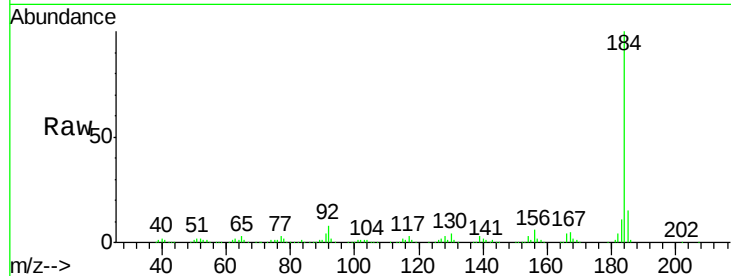
ClientSampleId :

SSTDCCC040EC

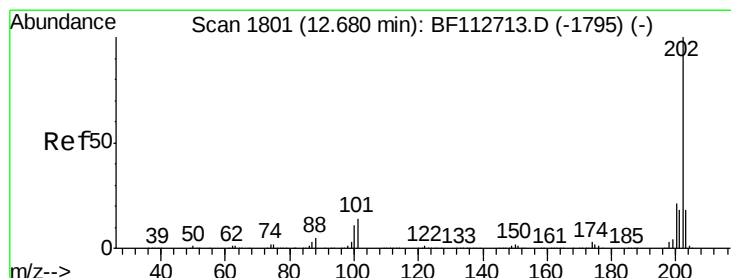
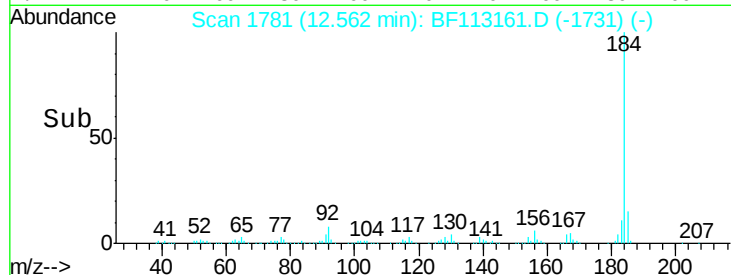
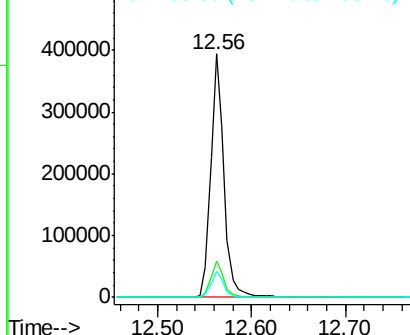
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 394139 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.7  | 12.6  | 18.8   |
| 183       | 10.7  | 8.6   | 12.8   |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.841 ng

RT: 12.67 min Scan# 1799

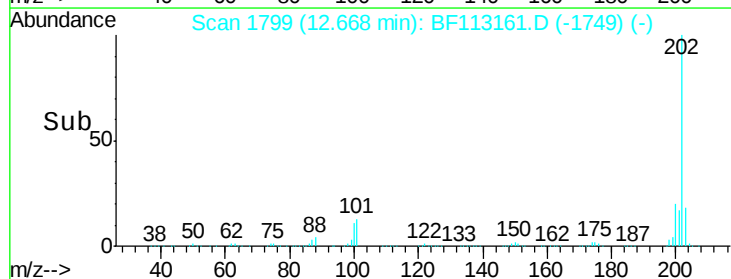
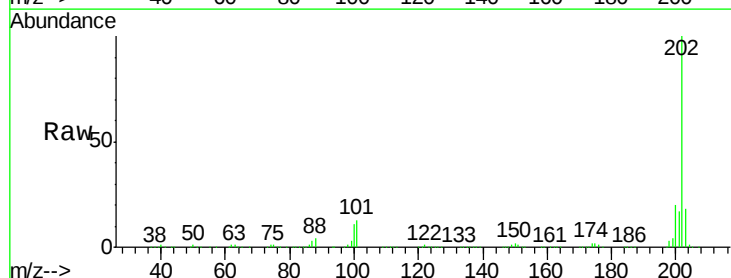
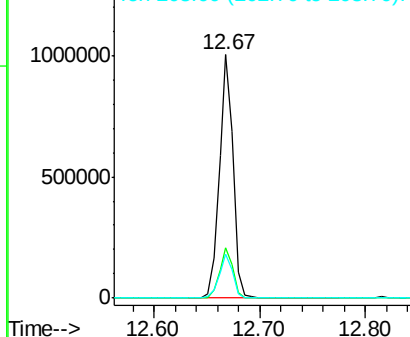
Delta R.T. -0.01 min

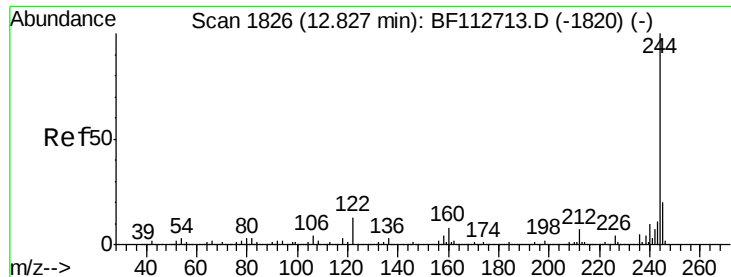
Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 919095 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.4  | 17.0  | 25.4   |
| 203       | 17.9  | 14.4  | 21.6   |

Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





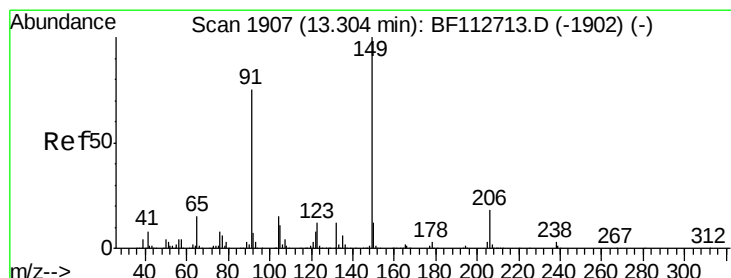
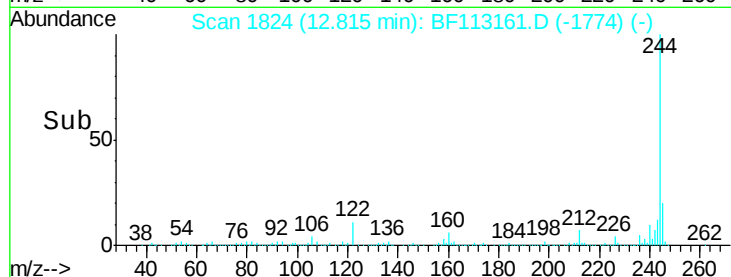
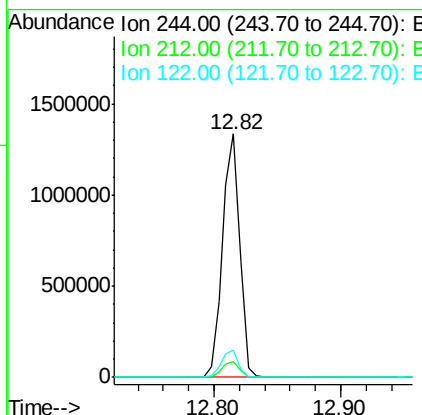
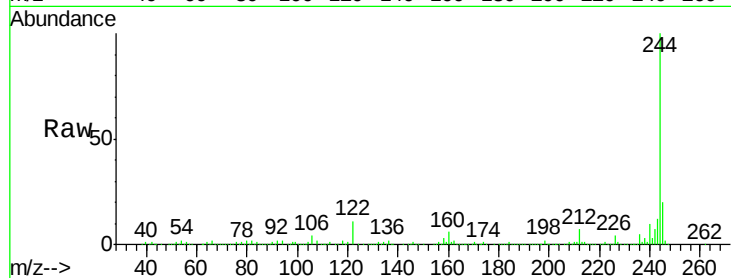
#79  
 Terphenyl-d14  
 Concen: 85.003 ng  
 RT: 12.82 min Scan# 1824  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion: 244 Resp: 1263349  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.6 8.4  
 122 11.0 10.5 15.7

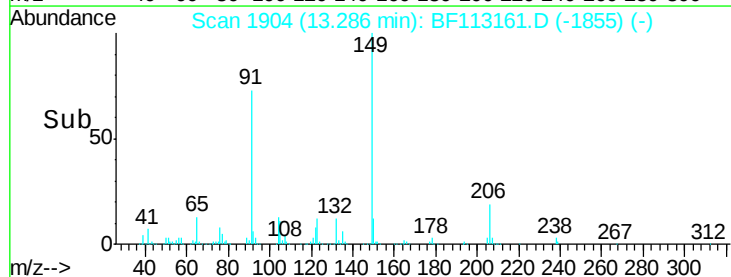
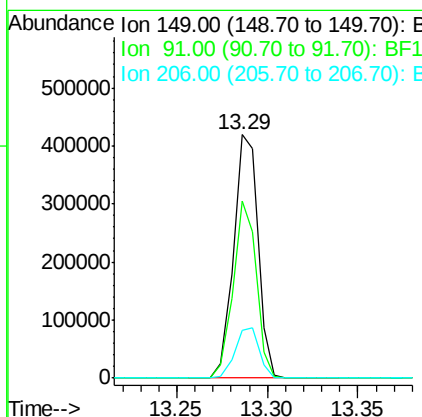
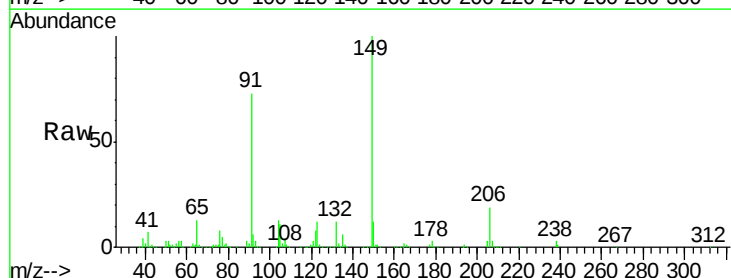
Manual Integrations  
 APPROVED

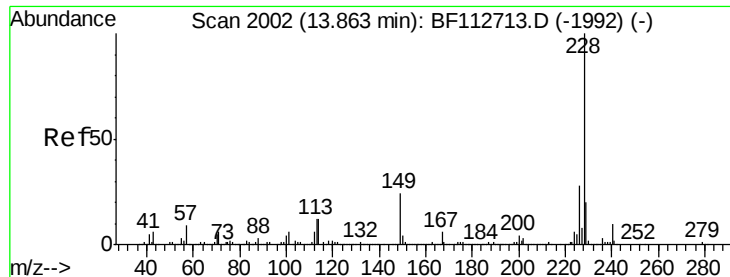
Sohil  
 3/20/2019 6:51:32 PM



#80  
 Butylbenzylphthalate  
 Concen: 36.748 ng  
 RT: 13.29 min Scan# 1904  
 Delta R.T. -0.01 min  
 Lab File: BF113161.D  
 Acq: 20 Mar 2019 8:45

Tgt Ion: 149 Resp: 393977  
 Ion Ratio Lower Upper  
 149 100  
 91 72.6 59.9 89.9  
 206 19.4 14.7 22.1





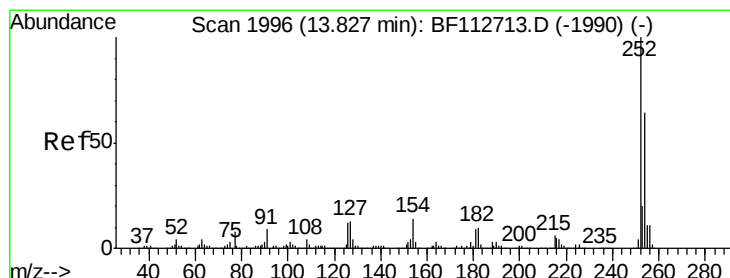
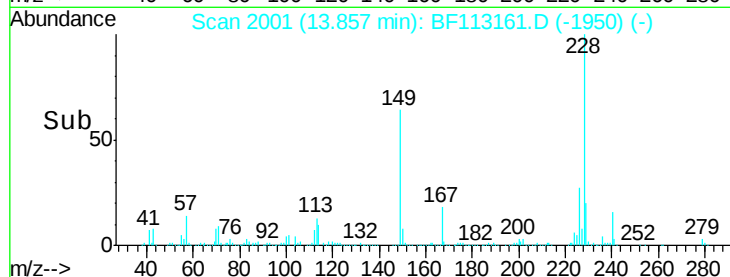
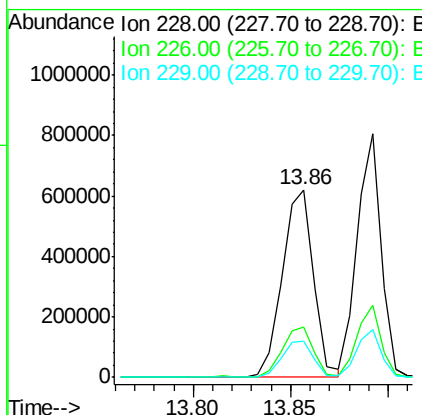
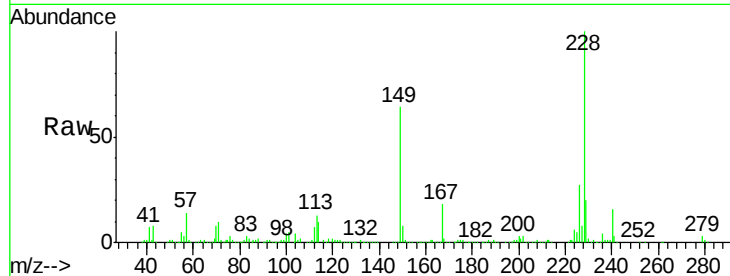
#81  
Benzo(a)anthracene  
Concen: 34.300 ng  
RT: 13.86 min Scan# 2001  
Delta R.T. -0.00 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.7  | 22.2  | 33.4  |
| 229     | 19.5  | 16.0  | 24.0  |

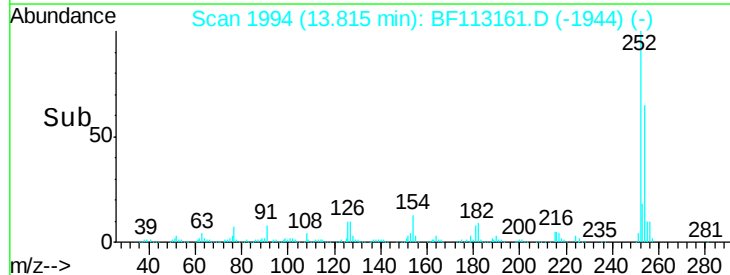
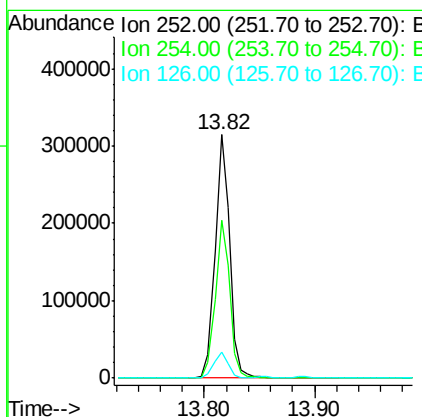
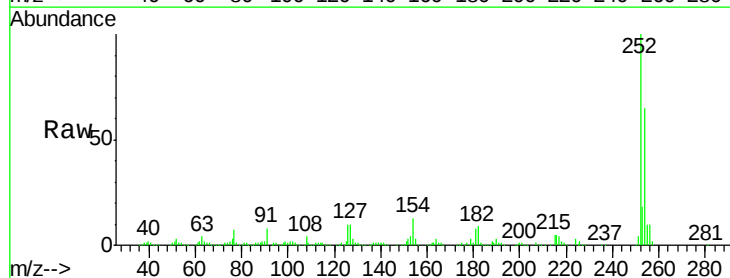
Manual Integrations  
APPROVED

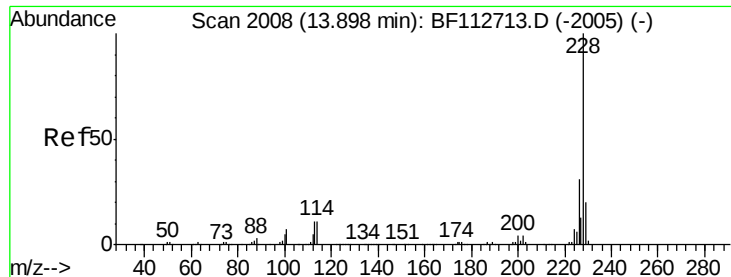
Sohil  
3/20/2019 6:51:32 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 37.737 ng  
RT: 13.82 min Scan# 1994  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.7  | 51.1  | 76.7  |
| 126     | 10.4  | 9.9   | 14.9  |





#83

Chrysene

Concen: 35.214 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

Instrument :

BNA\_F

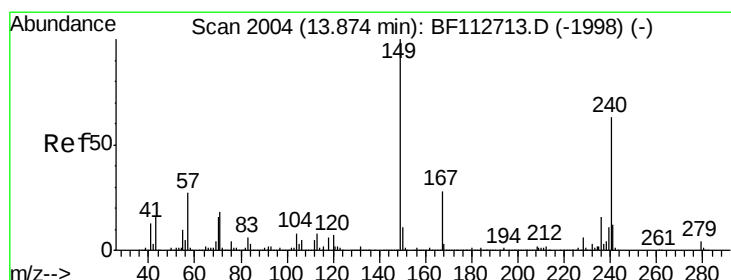
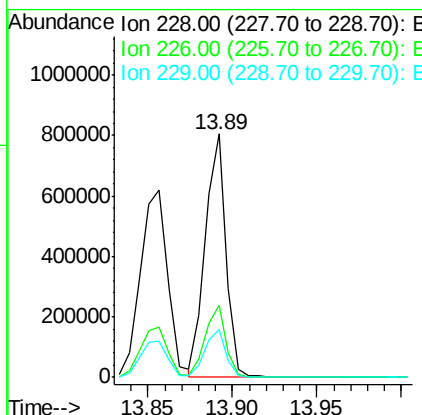
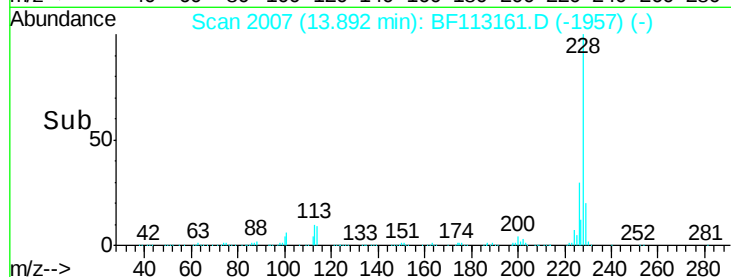
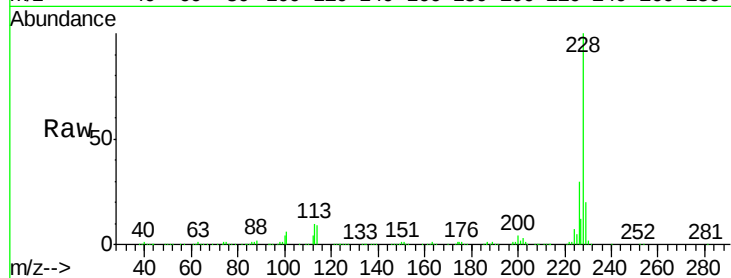
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 688758 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.6  | 24.9  | 37.3   |
| 229       | 19.7  | 16.3  | 24.5   |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.995 ng

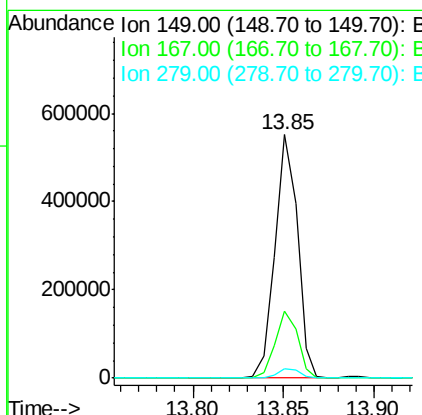
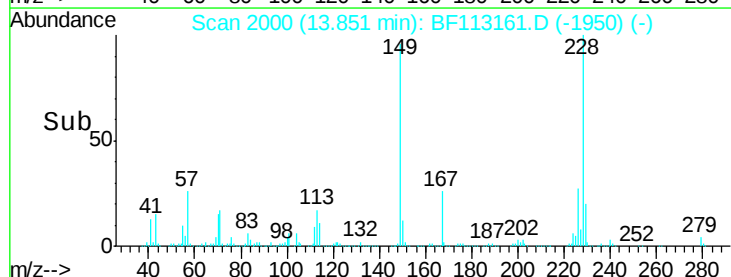
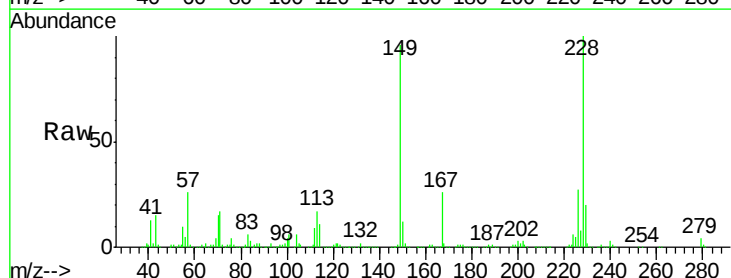
RT: 13.85 min Scan# 2000

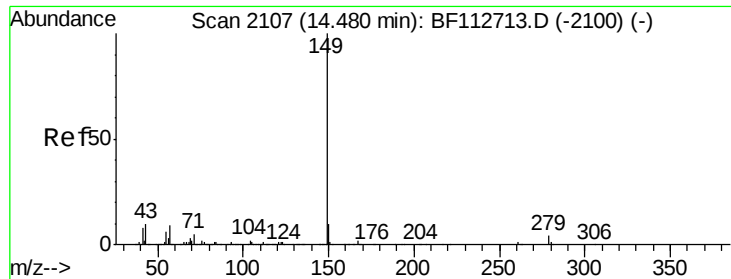
Delta R.T. -0.01 min

Lab File: BF113161.D

Acq: 20 Mar 2019 8:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 477798 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.4  | 22.4  | 33.6   |
| 279       | 3.9   | 3.3   | 4.9    |





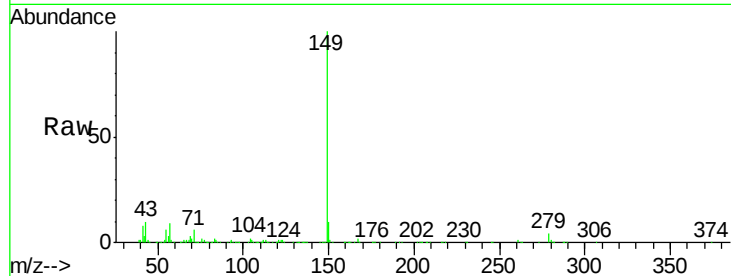
#85  
Di-n-octyl phthalate  
Concen: 38.807 ng  
RT: 14.46 min Scan# 2103  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

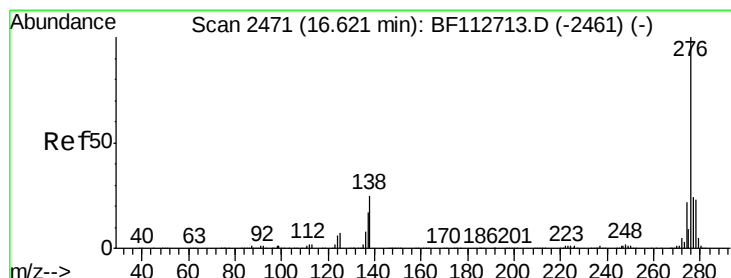
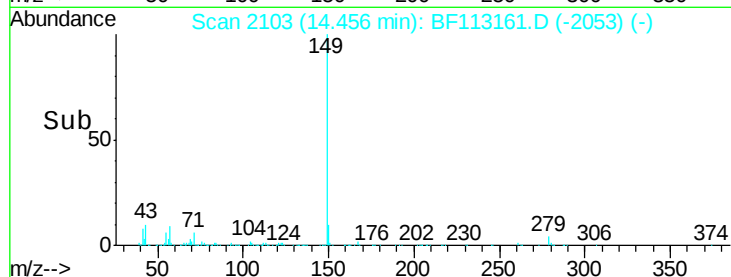
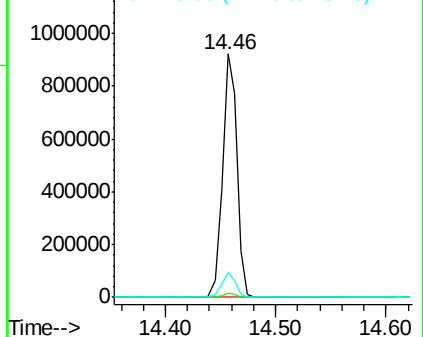
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 10.0  | 9.0   | 13.4  |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



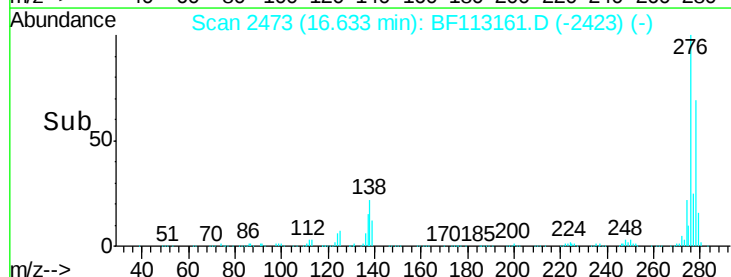
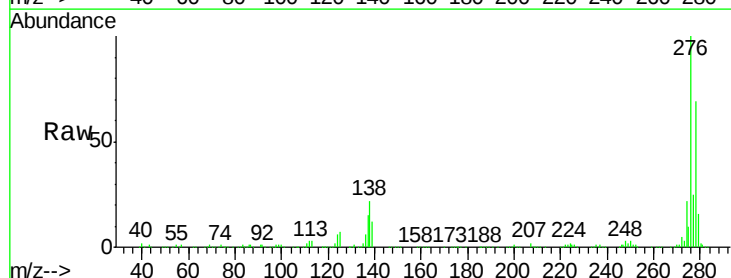
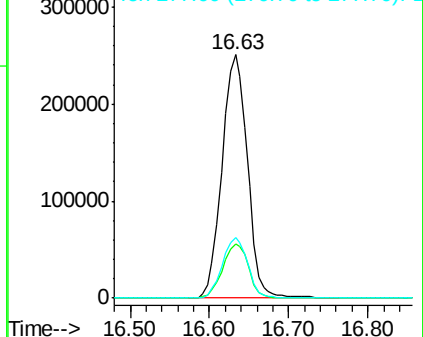
Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

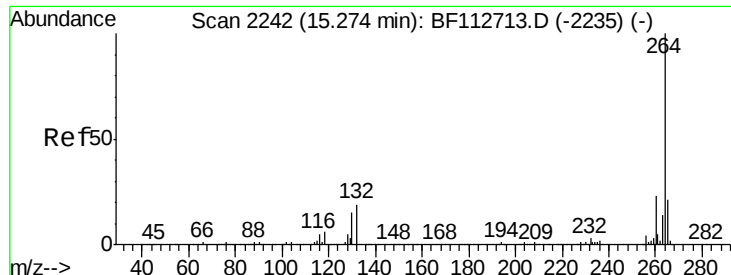


#86  
Indeno(1,2,3-cd)pyrene  
Concen: 33.346 ng  
RT: 16.63 min Scan# 2473  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.7  | 23.2  | 34.8# |
| 277     | 24.9  | 19.9  | 29.9  |

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





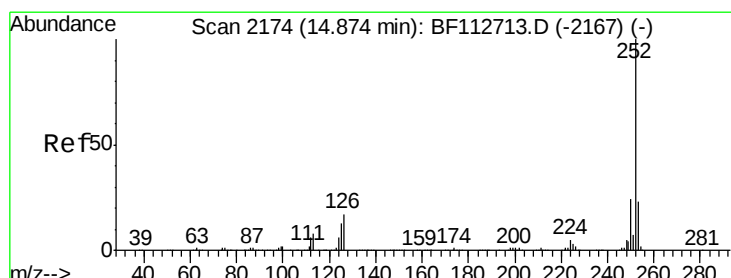
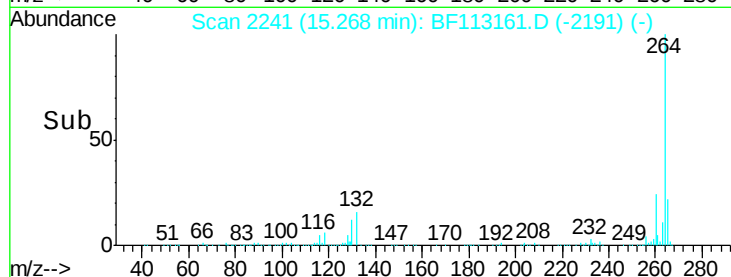
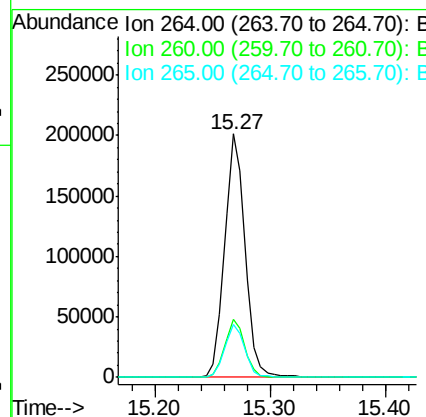
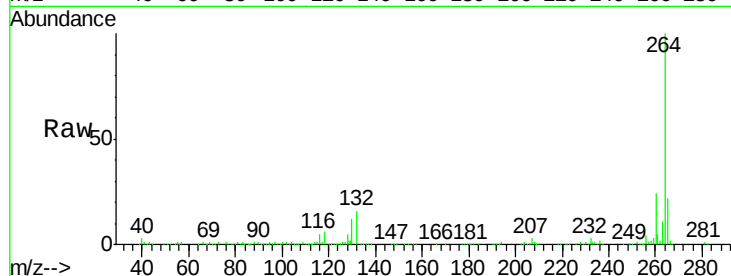
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2241  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 18.7  | 28.1  |
| 265     | 21.8  | 17.2  | 25.8  |

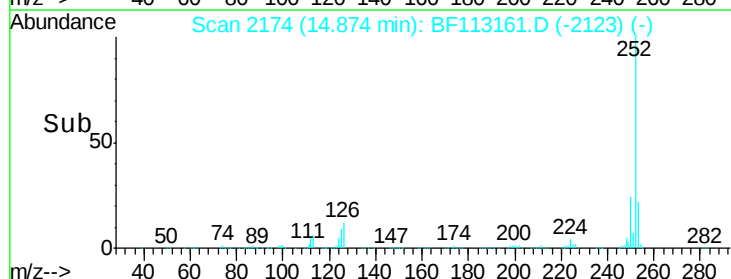
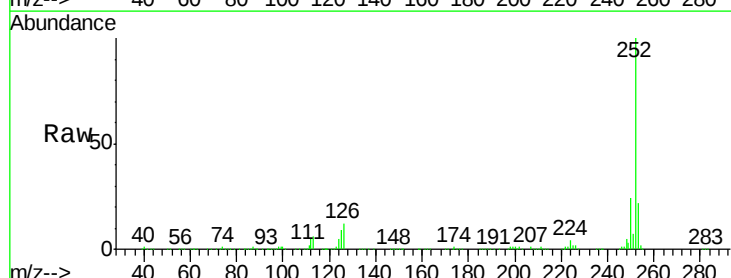
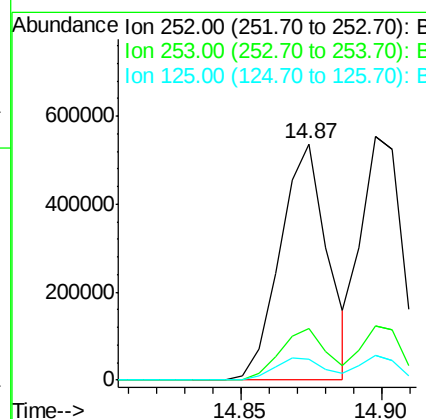
Manual Integrations  
APPROVED

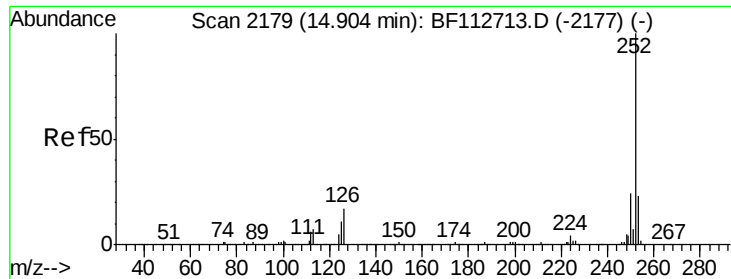
Sohil  
3/20/2019 6:51:32 PM



#88  
Benzo(b)fluoranthene  
Concen: 39.254 ng  
RT: 14.87 min Scan# 2174  
Delta R.T. -0.00 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 18.0  | 27.0  |
| 125     | 9.1   | 10.2  | 15.2# |





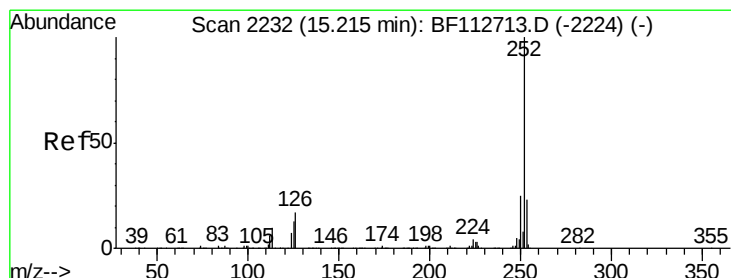
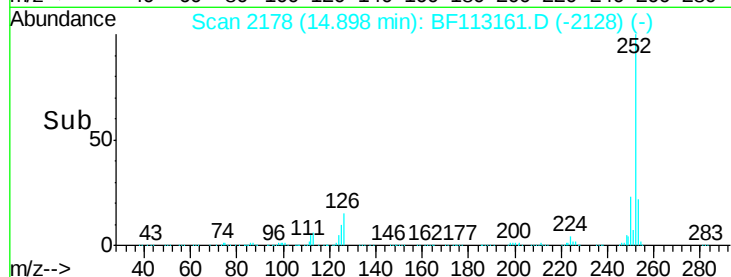
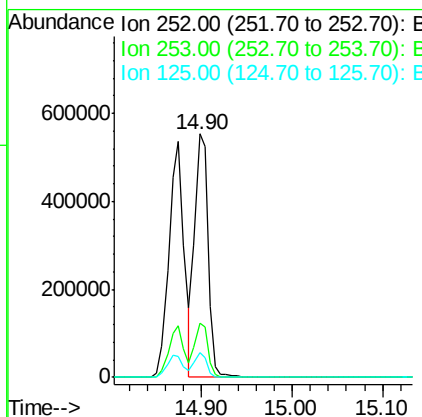
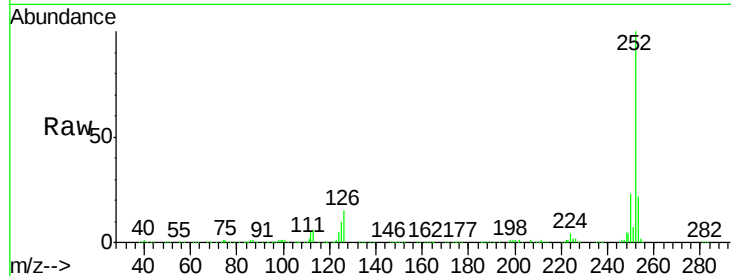
#89  
Benzo(k)fluoranthene  
Concen: 38.920 ng  
RT: 14.90 min Scan# 2178  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 18.2  | 27.2  |
| 125     | 9.9   | 9.8   | 14.6  |

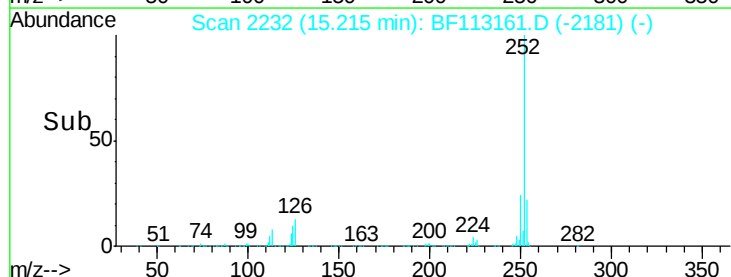
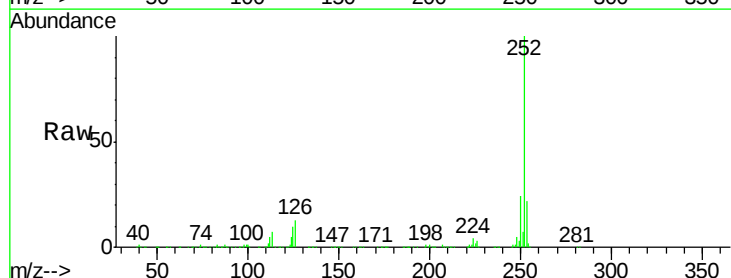
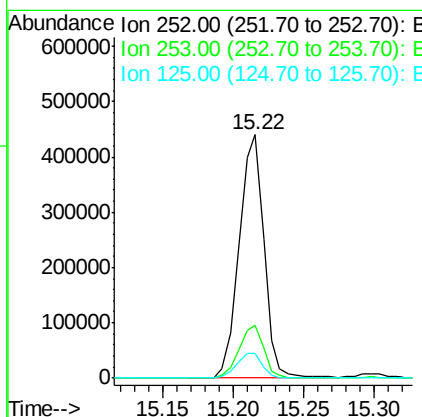
Manual Integrations  
APPROVED

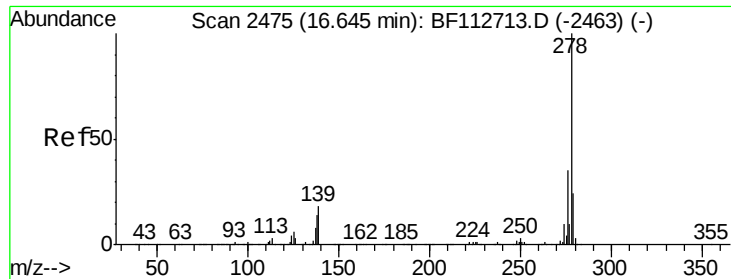
Sohil  
3/20/2019 6:51:32 PM



#90  
Benzo(a)pyrene  
Concen: 38.347 ng  
RT: 15.22 min Scan# 2232  
Delta R.T. -0.00 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.0  | 27.0  |
| 125     | 10.1  | 10.7  | 16.1  |





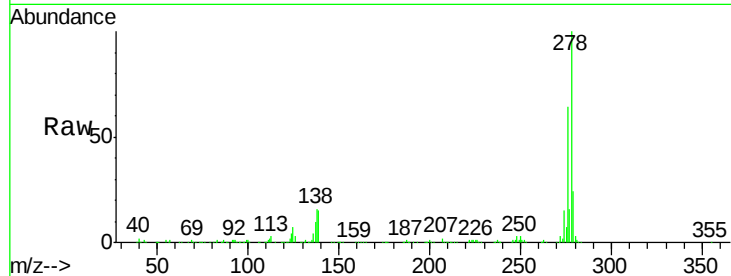
#91  
Dibenzo(a,h)anthracene  
Concen: 38.908 ng  
RT: 16.64 min Scan# 2475  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

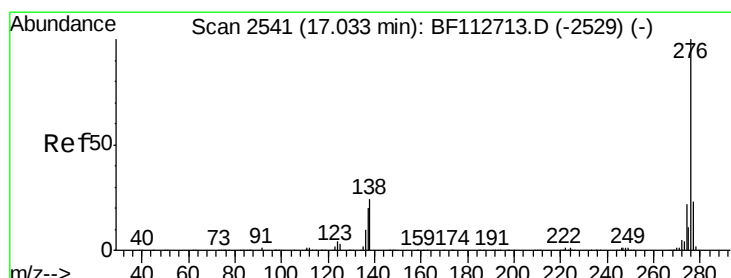
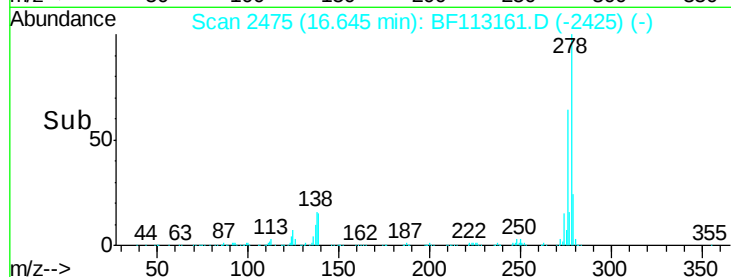
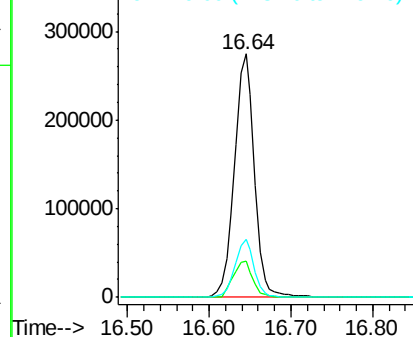
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.9  | 14.3  | 21.5  |
| 279     | 23.7  | 19.4  | 29.0  |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 6:51:32 PM



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 36.232 ng  
RT: 17.04 min Scan# 2542  
Delta R.T. -0.01 min  
Lab File: BF113161.D  
Acq: 20 Mar 2019 8:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 18.6  | 27.8  |
| 138     | 18.9  | 19.4  | 29.0  |

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

