

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080415\  
 Data File : BF080860.D  
 Acq On : 5 Aug 2015 2:30  
 Operator : TP/UM  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

MMDadoda  
 8/5/2015 7:01:14 PM

Quant Time: Aug 05 08:06:47 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 05 01:46:16 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 65157    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.11  | 136  | 246152   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.86  | 164  | 99012    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.33 | 188  | 155416   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.96 | 240  | 100968   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.37 | 264  | 80835    | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 345748 | 80.31 | ng | 0.00 |
| 7) Phenol-d6             | 6.45  | 99  | 408310 | 72.55 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.39  | 82  | 383046 | 73.34 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.65 | 330 | 72663  | 76.10 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.18  | 172 | 570965 | 77.65 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.92 | 244 | 465656 | 83.47 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.45 | 88  | 82509   | 39.10 | ng | 99     |
| 3) Pyridine                    | 3.17 | 79  | 227284  | 39.07 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.12 | 42  | 116062  | 38.90 | ng | 99     |
| 6) Aniline                     | 6.49 | 93  | 308752  | 37.70 | ng | 99     |
| 8) 2-Chlorophenol              | 6.61 | 128 | 185185  | 38.40 | ng | 99     |
| 9) Benzaldehyde                | 6.37 | 77  | 149409  | 38.05 | ng | 99     |
| 10) Phenol                     | 6.46 | 94  | 225374  | 33.66 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93  | 200306  | 40.06 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 189337  | 36.64 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.84 | 146 | 192179  | 37.05 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.00 | 146 | 176464  | 36.06 | ng | 98     |
| 15) Benzyl Alcohol             | 6.97 | 79  | 149371  | 40.64 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 368241  | 38.05 | ng | 100    |
| 17) 2-Methylphenol             | 7.08 | 107 | 162725  | 38.52 | ng | 99     |
| 18) Hexachloroethane           | 7.34 | 117 | 75394   | 38.24 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70  | 130425  | 35.87 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 179342  | 36.62 | ng | 98     |
| 22) Acetophenone               | 7.24 | 105 | 237717  | 39.54 | ng | 99     |
| 24) Nitrobenzene               | 7.41 | 77  | 213265  | 39.37 | ng | 98     |
| 25) Isophorone                 | 7.65 | 82  | 364646  | 39.40 | ng | 100    |
| 26) 2-Nitrophenol              | 7.72 | 139 | 84792m  | 38.16 | ng |        |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 168967m | 40.84 | ng |        |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93  | 200691  | 35.26 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 129172  | 37.82 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180 | 152595  | 39.26 | ng | 99     |
| 31) Naphthalene                | 8.13 | 128 | 534128  | 39.84 | ng | 100    |
| 32) Benzoic acid               | 7.87 | 122 | 107195m | 38.75 | ng |        |
| 33) 4-Chloroaniline            | 8.18 | 127 | 213464  | 40.70 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.25 | 225 | 83485   | 37.68 | ng | 97     |
| 35) Caprolactam                | 8.54 | 113 | 38598   | 39.57 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 154350  | 41.19 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 306243  | 38.11 | ng | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 130105  | 38.51 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.98 | 237 | 81429   | 40.13 | ng | 95     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080415\  
 Data File : BF080860.D  
 Acq On : 5 Aug 2015 2:30  
 Operator : TP/UM  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

MMDadoda  
 8/5/2015 7:01:14 PM

Quant Time: Aug 05 08:06:47 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 05 01:46:16 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.09  | 196  | 86514    | 37.78 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 83789    | 36.48 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 9.29  | 154  | 347155   | 38.04 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.31  | 162  | 269294   | 37.93 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.40  | 65   | 108876   | 42.13 | ng    | 96       |
| 48) Acenaphthylene             | 9.72  | 152  | 484353   | 41.47 | ng    | 100      |
| 49) Dimethylphthalate          | 9.58  | 163  | 286651   | 39.70 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.64  | 165  | 61292    | 40.59 | ng    | 95       |
| 51) Acenaphthene               | 9.89  | 154  | 290299   | 41.34 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.81  | 138  | 74519    | 39.95 | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 9.92  | 184  | 31331    | 37.29 | ng    | 98       |
| 54) Dibenzofuran               | 10.06 | 168  | 383900   | 41.00 | ng    | 98       |
| 55) 4-Nitrophenol              | 9.96  | 139  | 53919    | 41.09 | ng    | 95       |
| 56) 2,4-Dinitrotoluene         | 10.04 | 165  | 79137    | 41.51 | ng    | 94       |
| 57) Fluorene                   | 10.41 | 166  | 275929   | 38.58 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.18 | 232  | 67428    | 40.91 | ng    | 99       |
| 59) Diethylphthalate           | 10.28 | 149  | 272796   | 38.16 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.40 | 204  | 117253   | 39.92 | ng    | 99       |
| 61) 4-Nitroaniline             | 10.42 | 138  | 70287    | 42.22 | ng    | 97       |
| 62) Azobenzene                 | 10.56 | 77   | 310437   | 37.13 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 38754    | 38.76 | ng    | # 1      |
| 65) n-Nitrosodiphenylamine     | 10.51 | 169  | 218036   | 36.62 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 10.89 | 248  | 73388    | 42.67 | ng    | 99       |
| 67) Hexachlorobenzene          | 10.94 | 284  | 72207    | 38.44 | ng    | 97       |
| 68) Atrazine                   | 11.05 | 200  | 58532    | 37.77 | ng    | 96       |
| 69) Pentachlorophenol          | 11.14 | 266  | 43463    | 42.45 | ng    | 98       |
| 70) Phenanthrene               | 11.36 | 178  | 329942   | 36.74 | ng    | 99       |
| 71) Anthracene                 | 11.41 | 178  | 373922   | 42.86 | ng    | 99       |
| 72) Carbazole                  | 11.56 | 167  | 303922   | 36.93 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.90 | 149  | 419902   | 43.09 | ng    | 100      |
| 74) Fluoranthene               | 12.54 | 202  | 362552   | 41.45 | ng    | 99       |
| 76) Benzidine                  | 12.67 | 184  | 185513   | 37.96 | ng    | 100      |
| 77) Pyrene                     | 12.77 | 202  | 365317   | 40.33 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 145000   | 39.14 | ng    | 99       |
| 80) Benzo(a)anthracene         | 13.95 | 228  | 258594   | 38.29 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 89419    | 35.63 | ng    | 98       |
| 82) Chrysene                   | 13.99 | 228  | 238624   | 34.67 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 196333   | 39.69 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 14.57 | 149  | 338008   | 40.66 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.73 | 276  | 205008   | 36.28 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.97 | 252  | 209809m  | 34.70 | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.00 | 252  | 227666m  | 48.91 | ng    |          |
| 89) Benzo(a)pyrene             | 15.31 | 252  | 191842   | 38.87 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.75 | 278  | 169323   | 39.49 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.14 | 276  | 173591   | 41.88 | ng    | 98       |

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

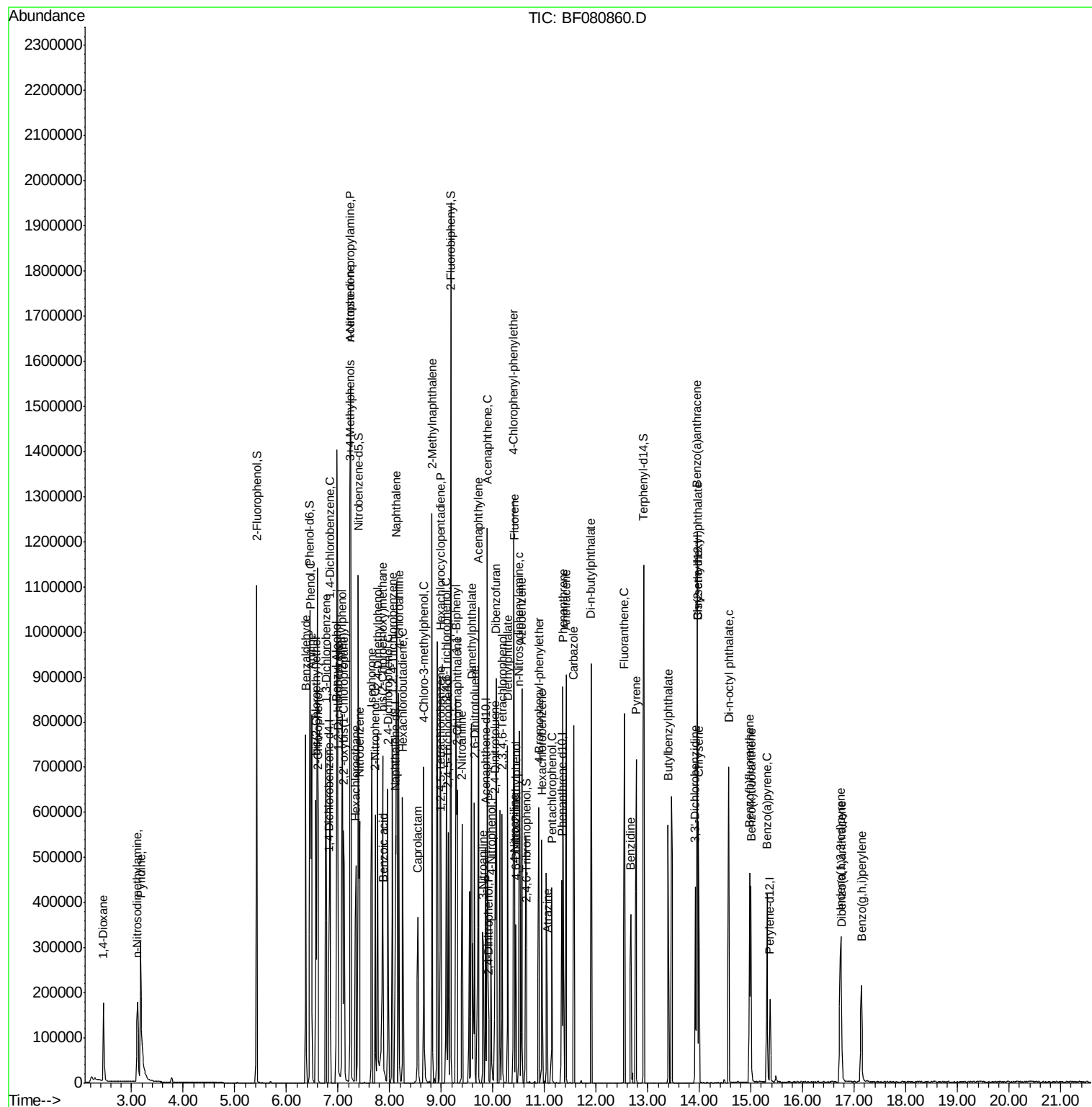
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080415\  
Data File : BF080860.D  
Acq On : 5 Aug 2015 2:30  
Operator : TP/UM  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

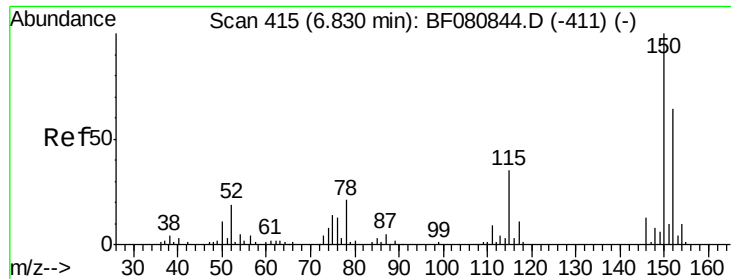
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM

Quant Time: Aug 05 08:06:47 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 05 01:46:16 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080860.D

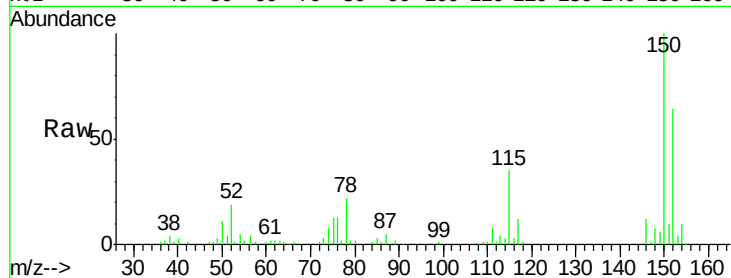
Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

ClientSampleId :

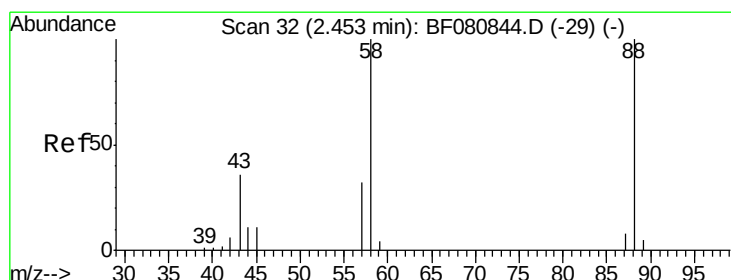
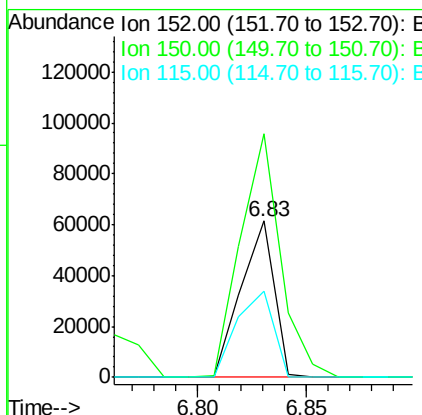
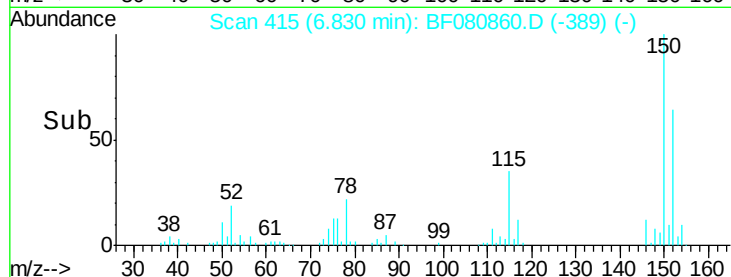
SSTDCCC040EC



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 65157 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 155.7 | 124.6 | 187.0 |
| 115       | 54.9  | 44.2  | 66.4  |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#2

1,4-Dioxane

Concen: 39.10 ng

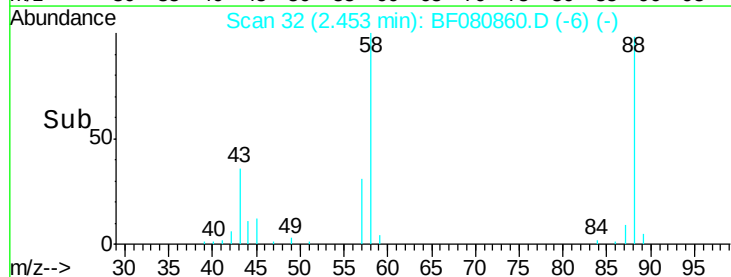
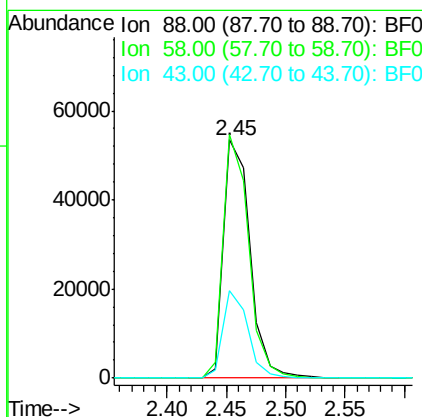
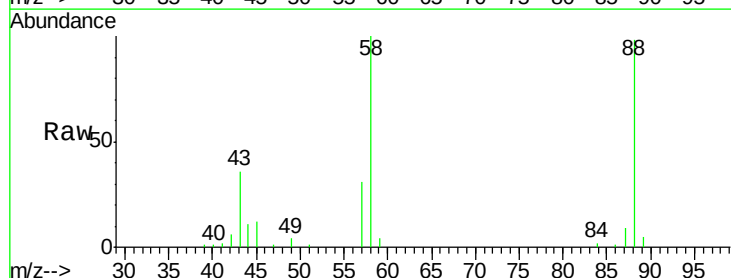
RT: 2.45 min Scan# 32

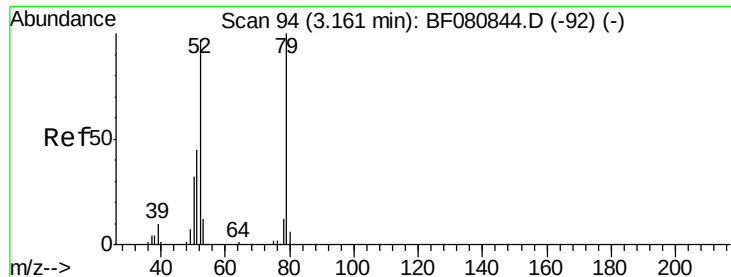
Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 82509 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 97.5  | 79.2  | 118.8 |
| 43        | 34.5  | 28.1  | 42.1  |





#3

Pyridine

Concen: 39.07 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.01 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

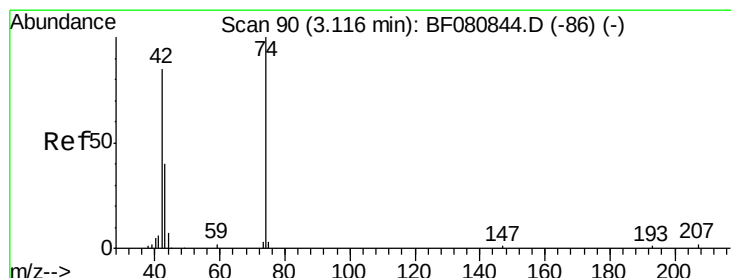
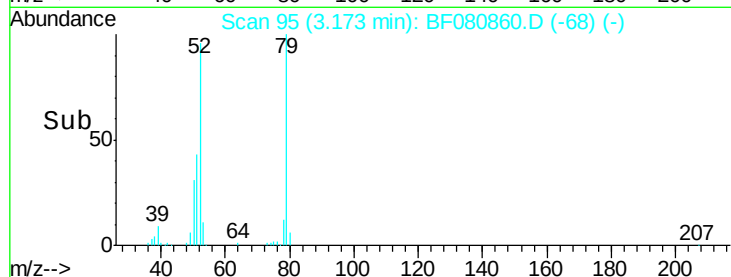
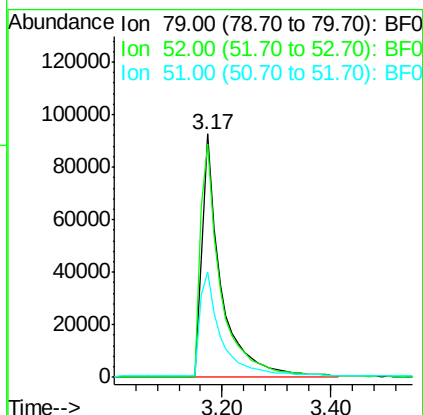
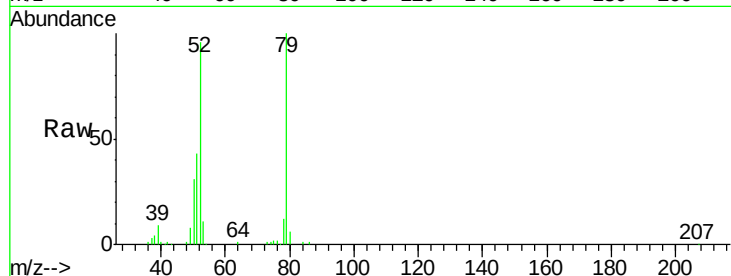
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 227284 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 95.9  | 77.7  | 116.5  |
| 51        | 43.2  | 36.1  | 54.1   |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#4

n-Nitrosodimethylamine

Concen: 38.90 ng

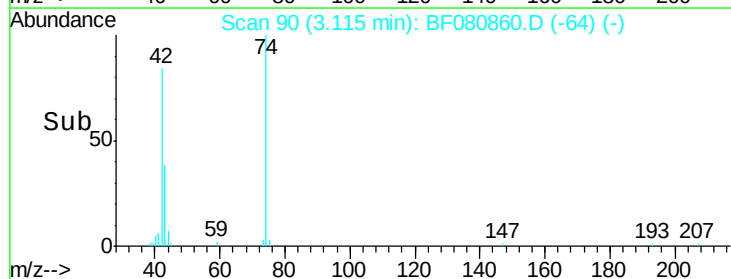
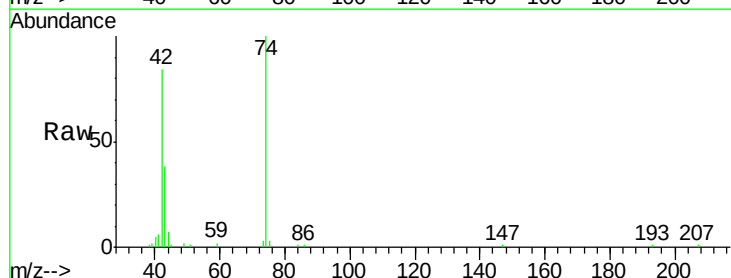
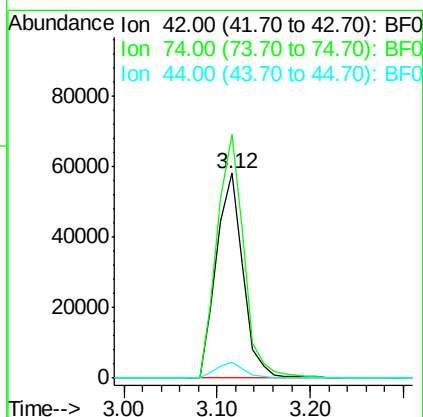
RT: 3.12 min Scan# 90

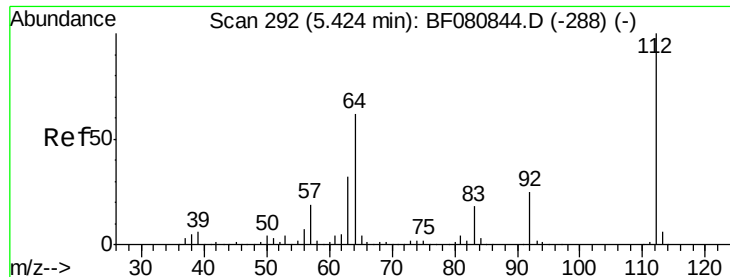
Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 116062 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 118.8 | 94.3  | 141.5  |
| 44        | 7.7   | 6.2   | 9.2    |





#5

2-Fluorophenol

Concen: 80.31 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

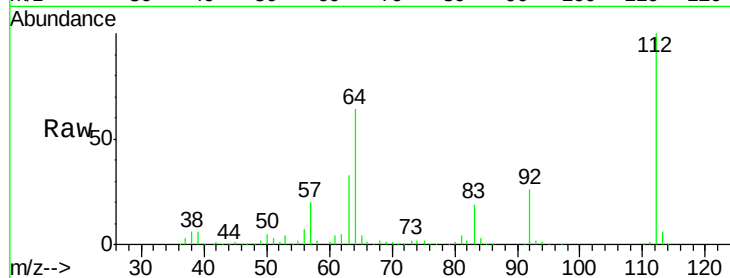
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 345748 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 64.2  | 49.5  | 74.3   |
| 63        | 33.0  | 25.3  | 37.9   |

Manual Integrations  
APPROVED

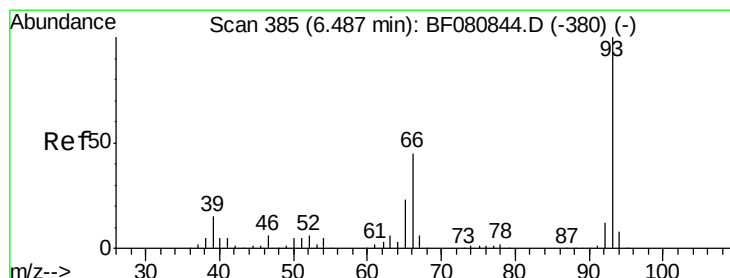
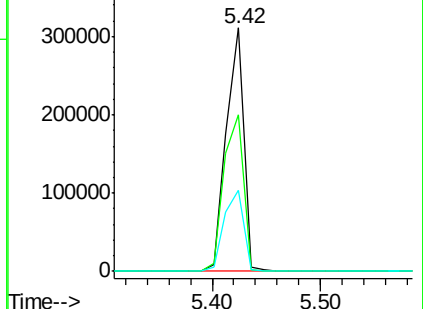
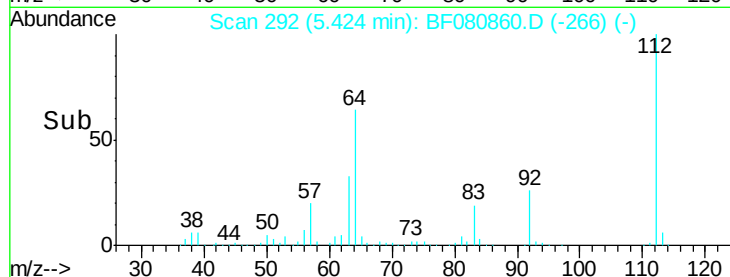
MMDadoda  
8/5/2015 7:01:14 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.70 ng

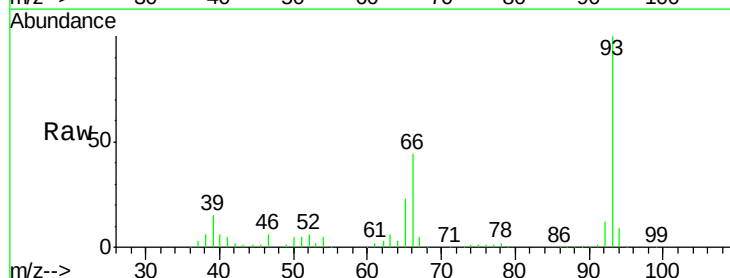
RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

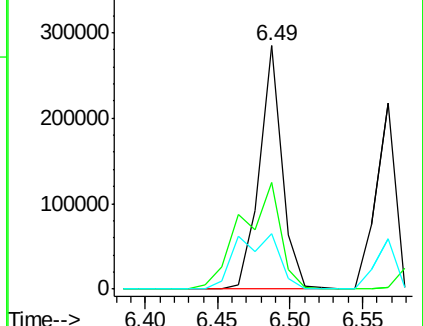
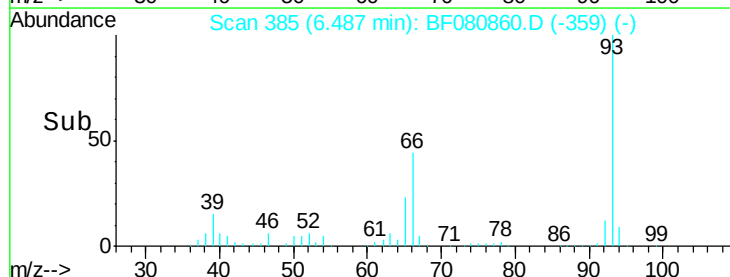
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 308752 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 43.6  | 35.8  | 53.6   |
| 65        | 22.5  | 18.2  | 27.2   |

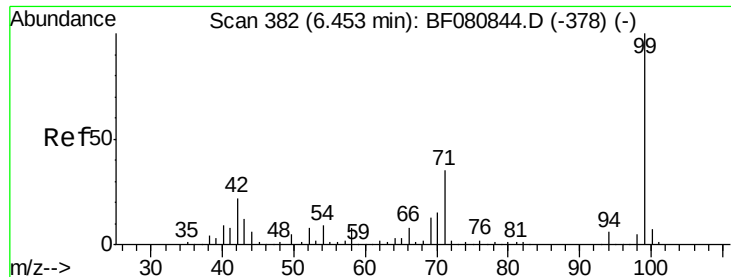


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.55 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

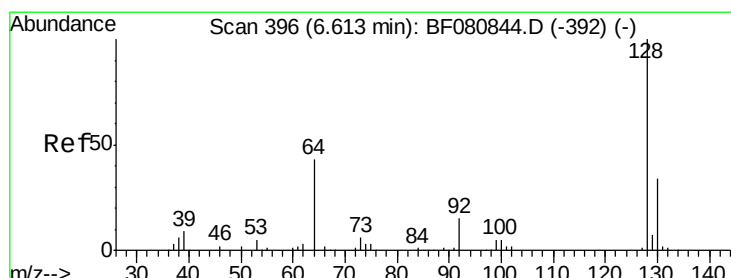
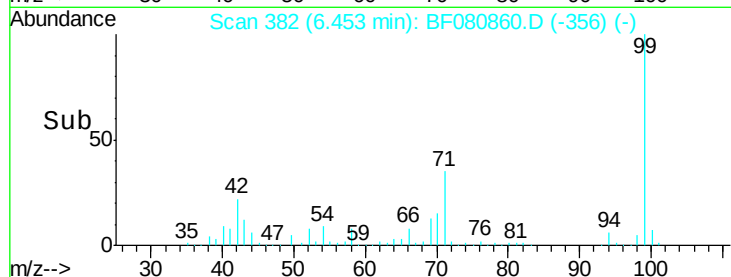
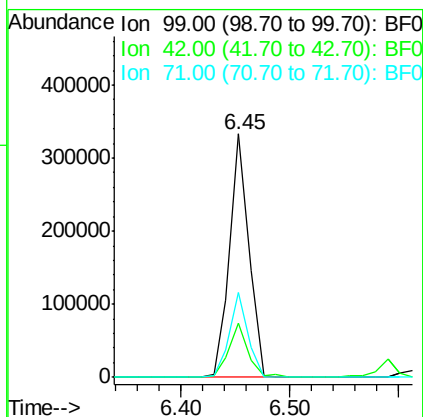
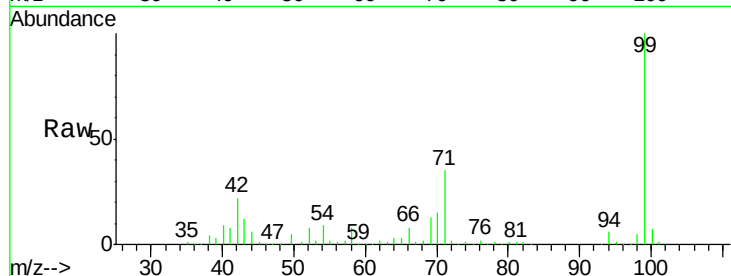
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 408310 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 22.0  | 17.9  | 26.9   |
| 71        | 35.0  | 28.2  | 42.4   |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#8

2-Chlorophenol

Concen: 38.40 ng

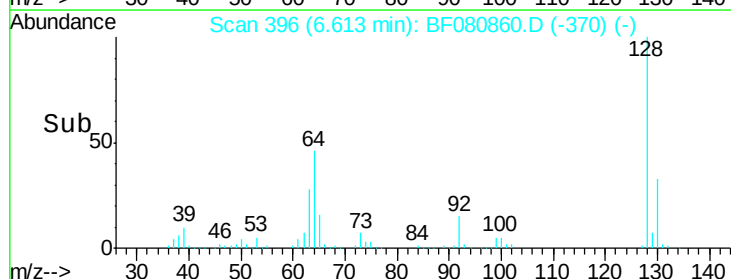
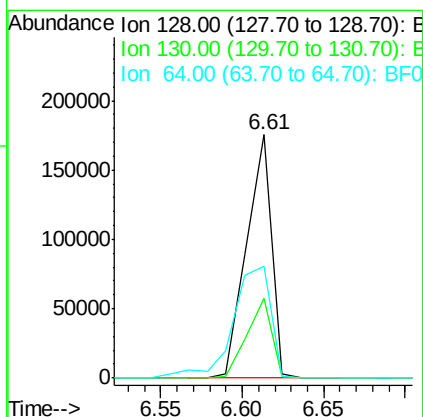
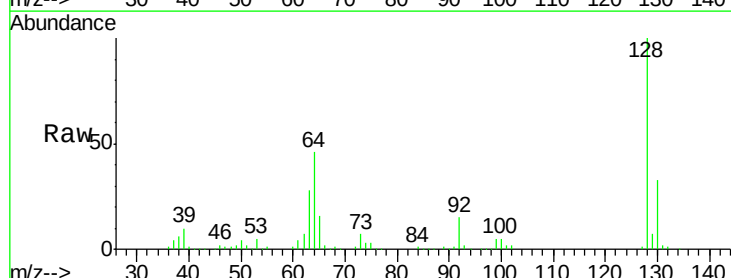
RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

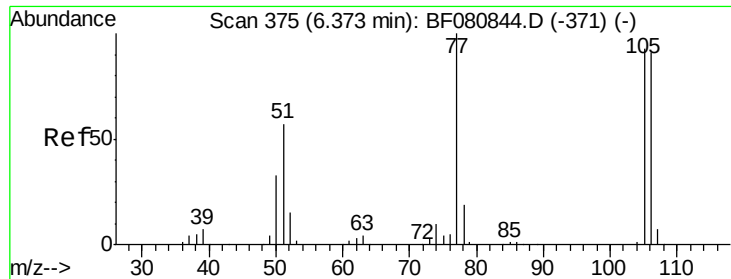
Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 185185 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.7  | 13.9  | 53.9   |
| 64        | 46.0  | 26.2  | 66.2   |







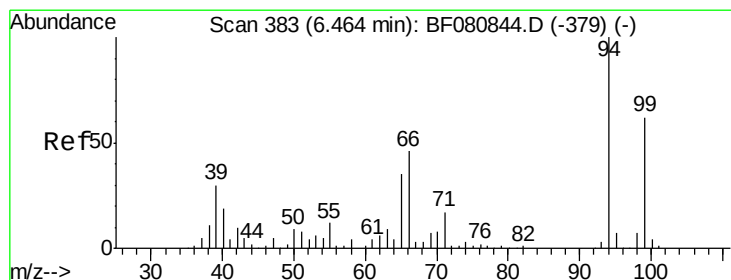
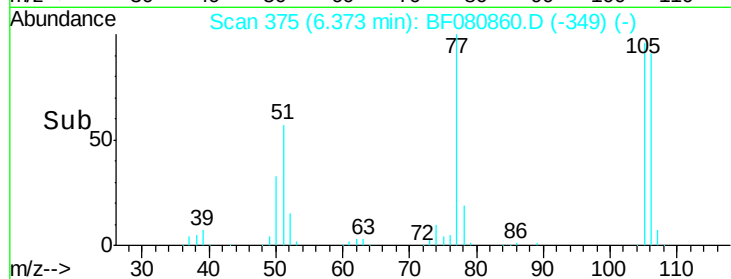
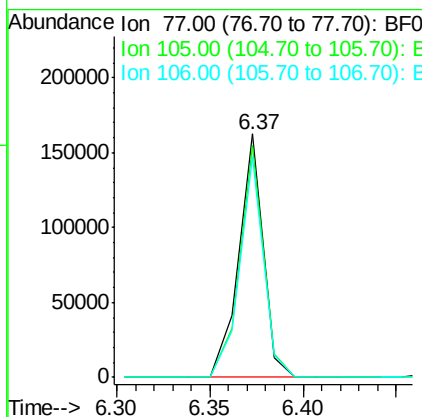
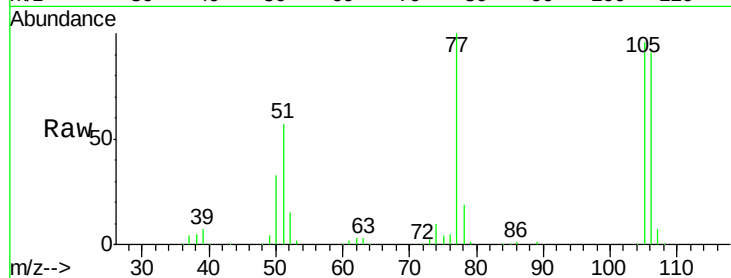
#9  
Benzaldehyde  
Concen: 38.05 ng  
RT: 6.37 min Scan# 375  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 95.6  | 73.5  | 113.5 |
| 106     | 90.5  | 70.8  | 110.8 |

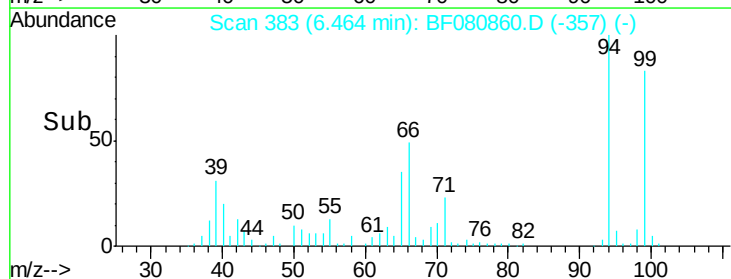
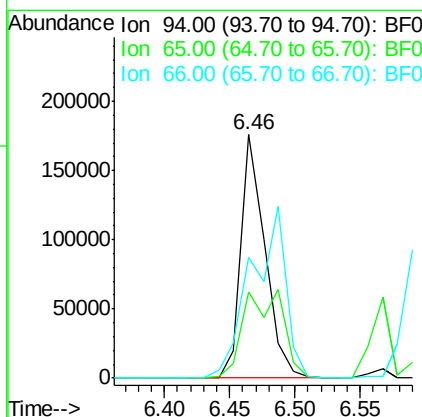
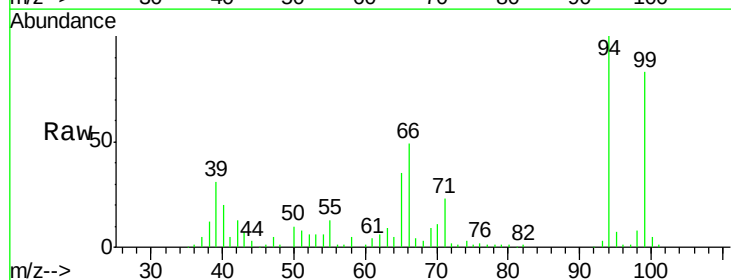
Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM

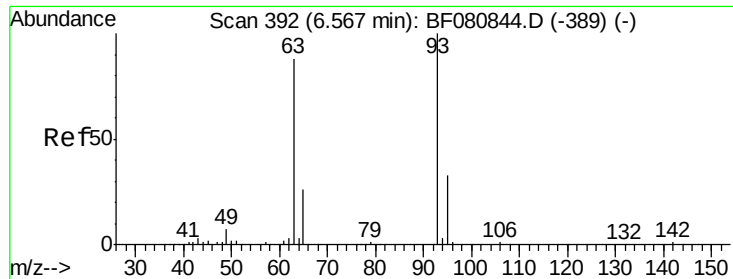


#10  
Phenol  
Concen: 33.66 ng  
RT: 6.46 min Scan# 383  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 35.5  | 15.2  | 55.2  |
| 66      | 49.4  | 25.9  | 65.9  |







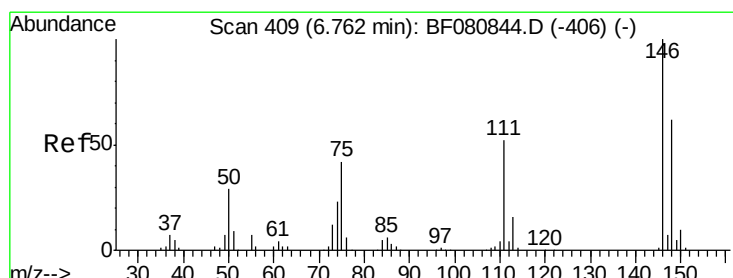
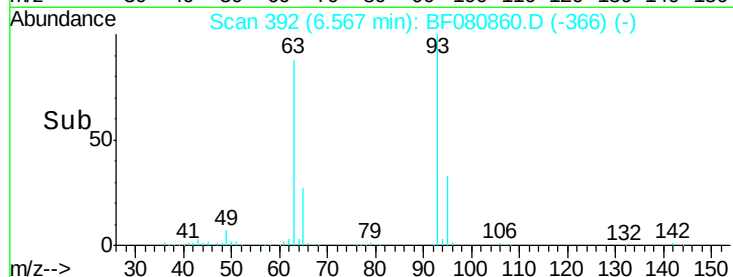
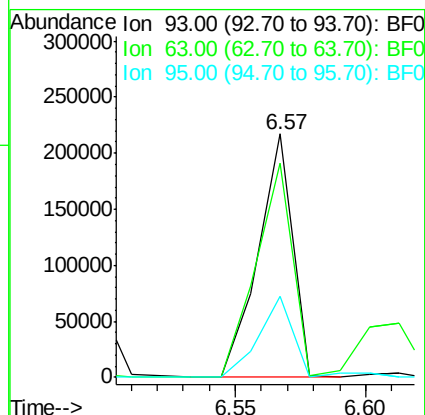
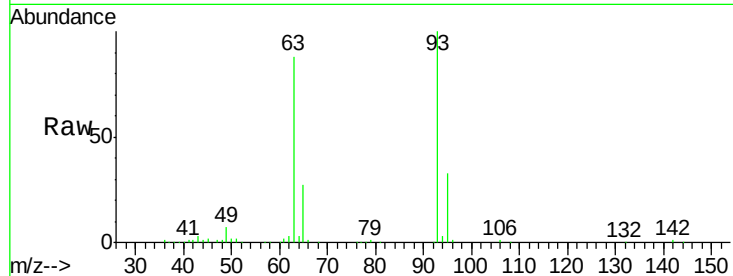
#11  
bis(2-Chloroethyl)ether  
Concen: 40.06 ng  
RT: 6.57 min Scan# 392  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 88.0  | 67.6  | 107.6 |
| 95      | 33.4  | 12.9  | 52.9  |

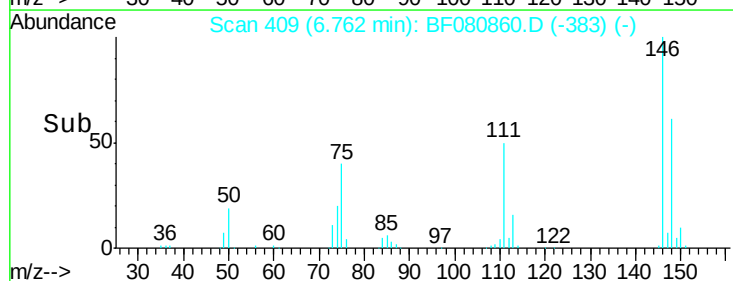
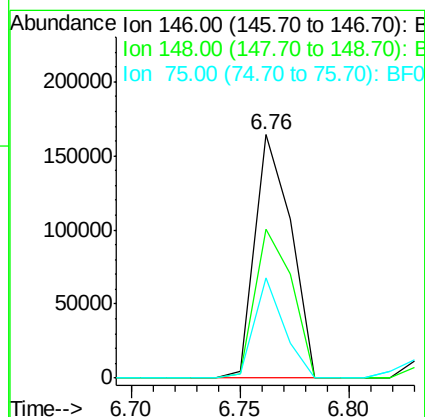
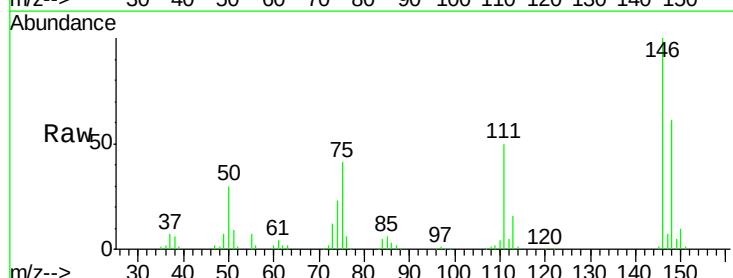
Manual Integrations  
APPROVED

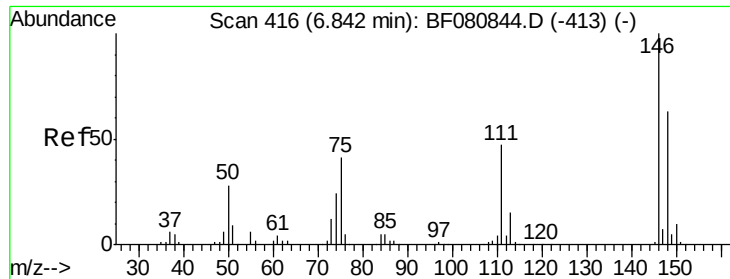
MMDadoda  
8/5/2015 7:01:14 PM



#12  
1,3-Dichlorobenzene  
Concen: 36.64 ng  
RT: 6.76 min Scan# 409  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.4  | 49.7  | 74.5  |
| 75      | 41.3  | 33.5  | 50.3  |





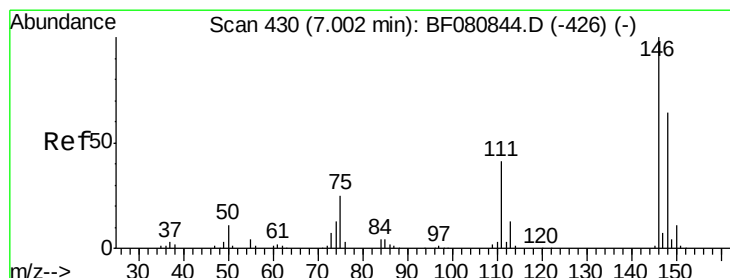
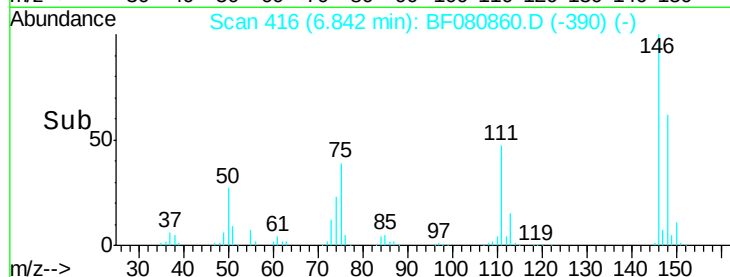
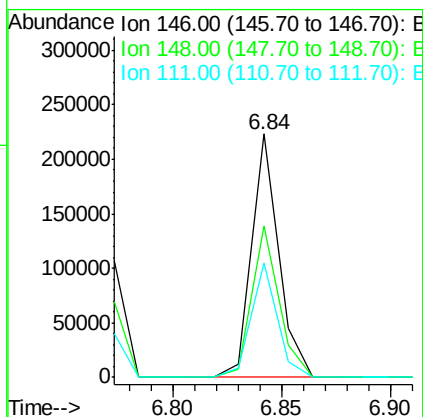
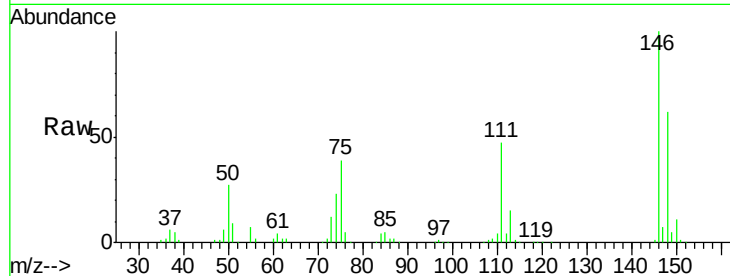
#13  
 1,4-Dichlorobenzene  
 Concen: 37.05 ng  
 RT: 6.84 min Scan# 416  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.4  | 50.5  | 75.7  |
| 111     | 47.1  | 38.0  | 57.0  |

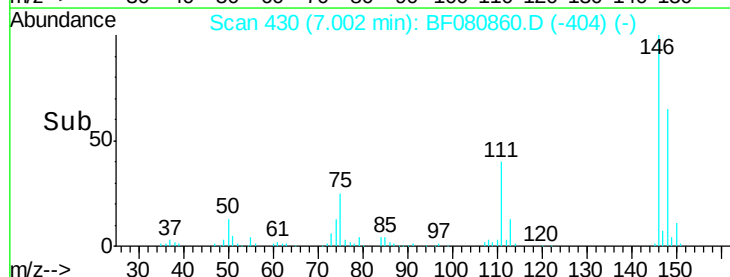
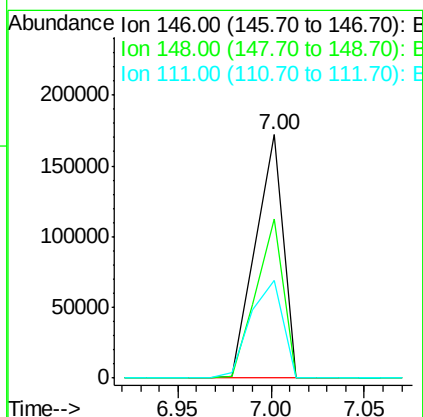
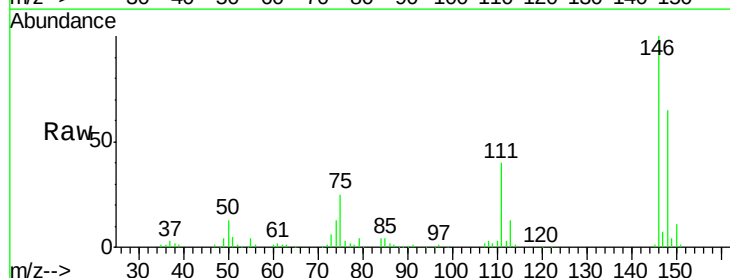
Manual Integrations  
 APPROVED

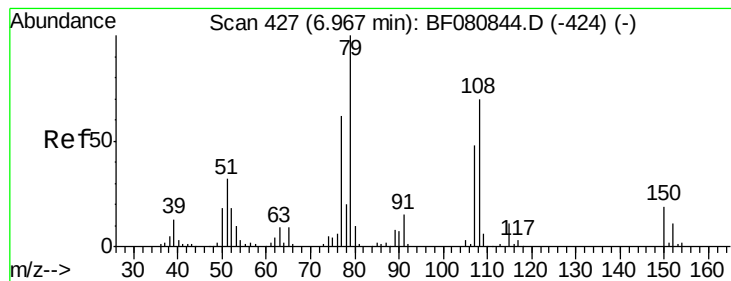
MMDadoda  
 8/5/2015 7:01:14 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 36.06 ng  
 RT: 7.00 min Scan# 430  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 51.0  | 76.6  |
| 111     | 40.4  | 32.7  | 49.1  |





#15

Benzyl Alcohol

Concen: 40.64 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 149371  
Ion Ratio Lower Upper

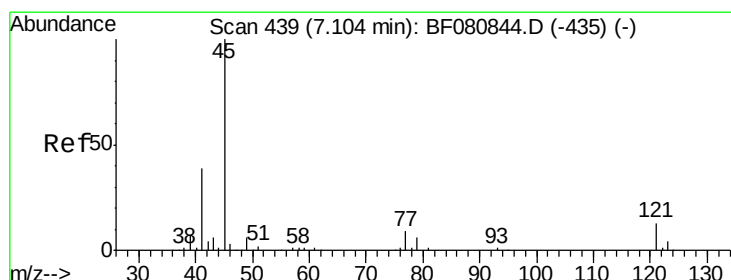
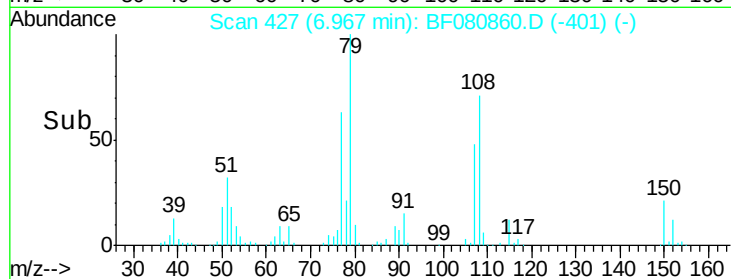
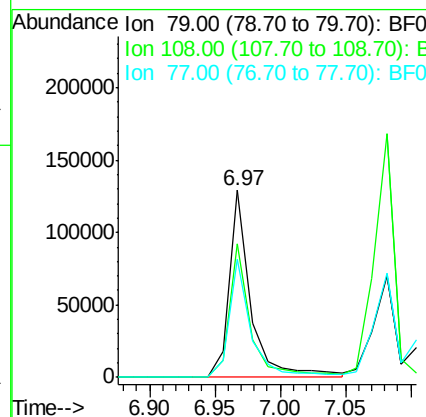
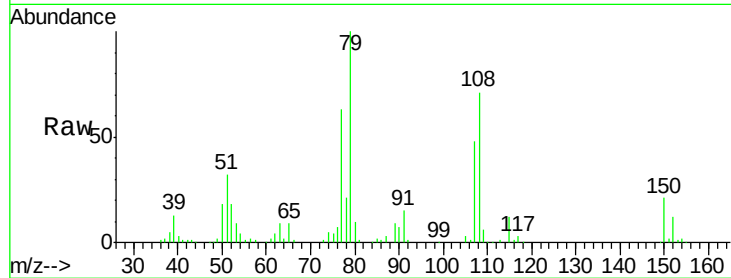
79 100

108 71.2 55.9 83.9

77 62.8 49.4 74.2

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.05 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF080860.D

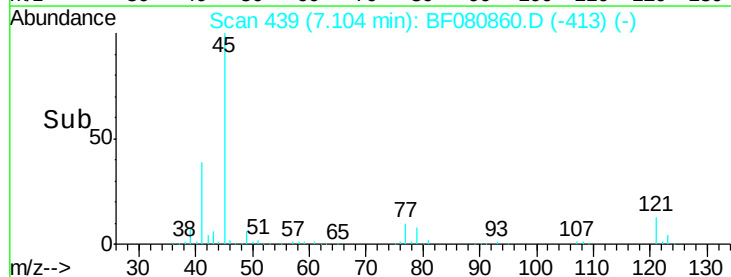
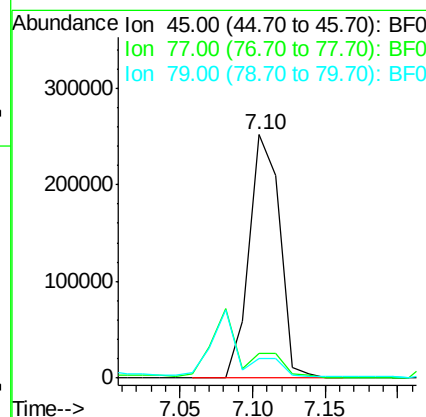
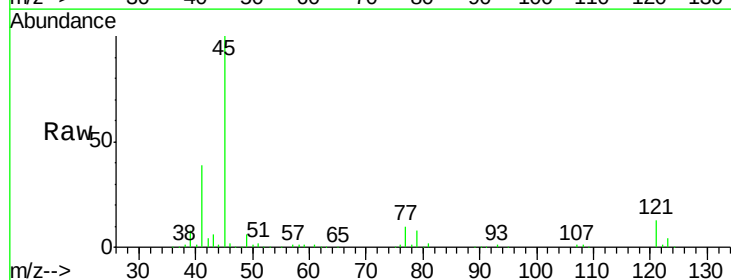
Acq: 5 Aug 2015 2:30

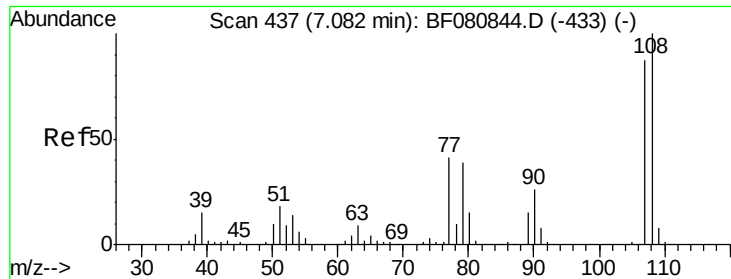
Tgt Ion: 45 Resp: 368241  
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.5

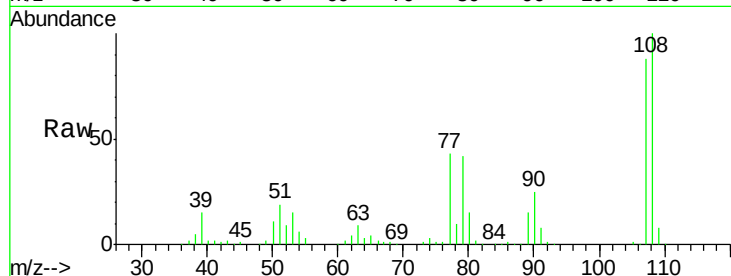
79 8.2 0.0 28.2





#17  
2-Methylphenol  
Concen: 38.52 ng  
RT: 7.08 min Scan# 437  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

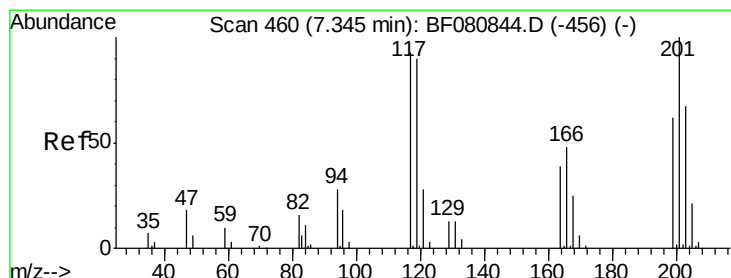
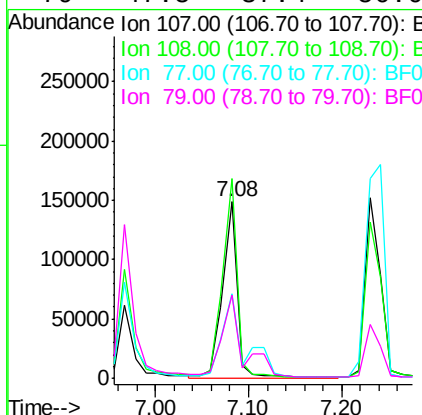
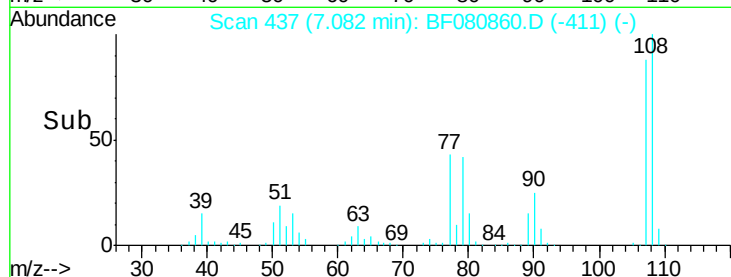
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC



| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 107     | 107 | 100   | 162725 |       |       |
| 108     | 108 | 113.2 | 91.8   | 137.8 |       |
| 77      | 77  | 48.1  | 38.2   | 57.2  |       |
| 79      | 79  | 47.5  | 37.4   | 56.0  |       |

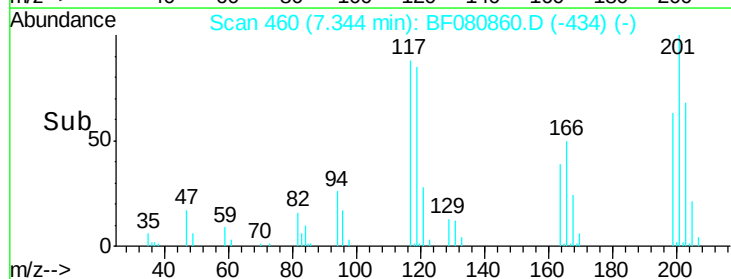
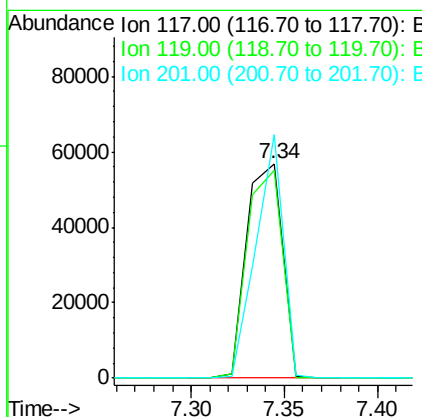
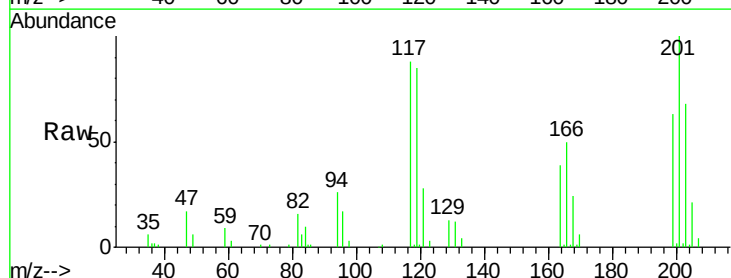
Manual Integrations  
APPROVED

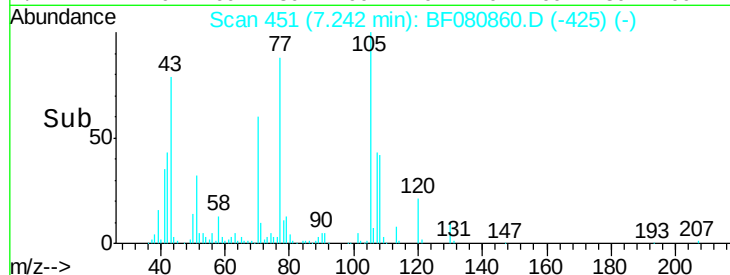
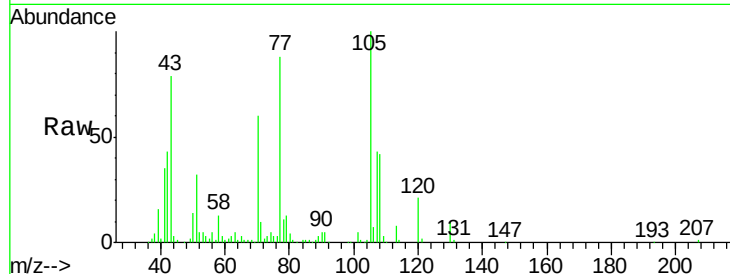
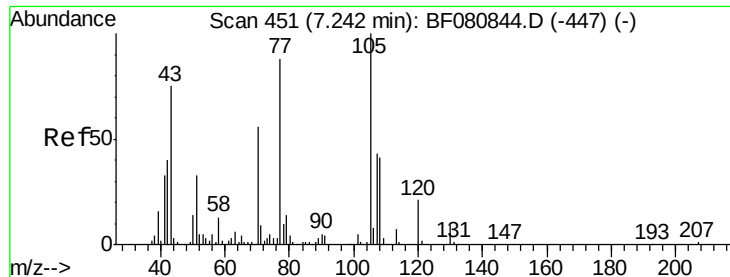
MMDadoda  
8/5/2015 7:01:14 PM



#18  
Hexachloroethane  
Concen: 38.24 ng  
RT: 7.34 min Scan# 460  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 117     | 117 | 100   | 75394 |       |       |
| 119     | 119 | 97.0  | 77.4  | 116.0 |       |
| 201     | 201 | 113.5 | 85.8  | 128.6 |       |





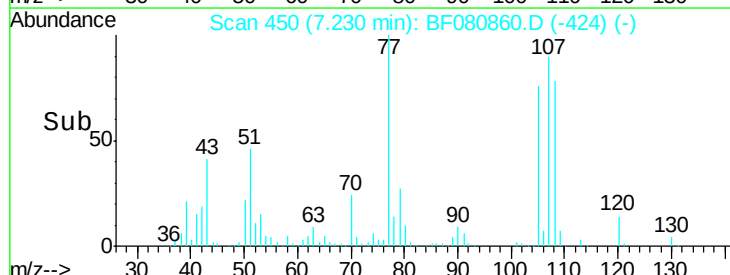
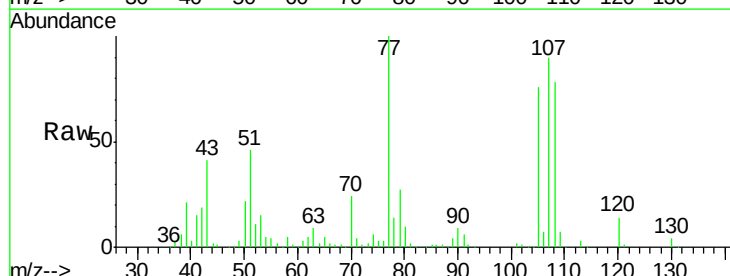
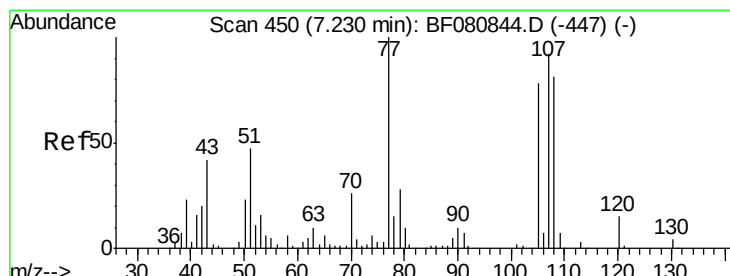
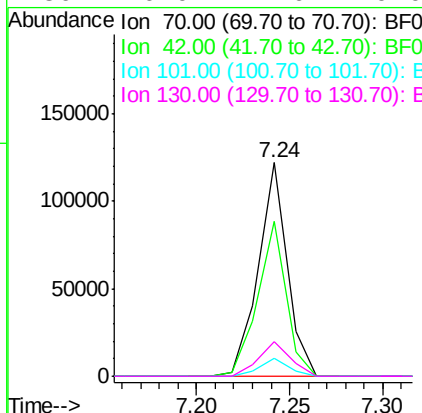
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.87 ng  
RT: 7.24 min Scan# 451  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Manual Integrations  
APPROVED

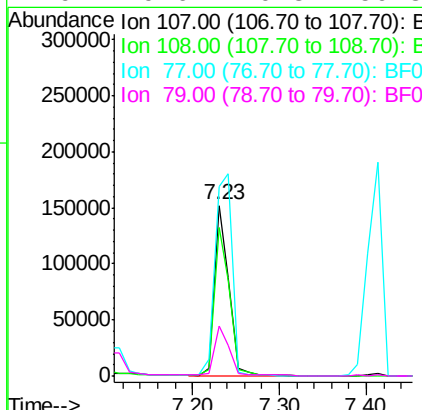
MMDadoda  
8/5/2015 7:01:14 PM

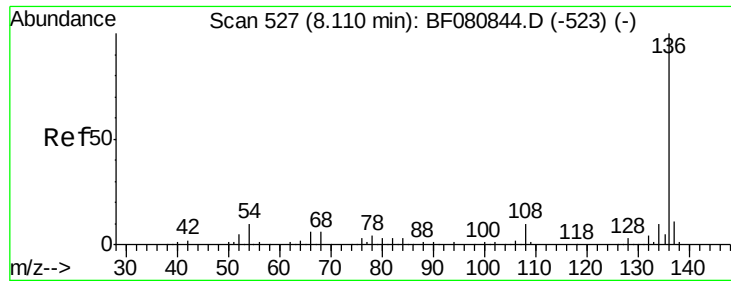
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 70      | 100   | 130425 |       |       |
| 42      | 72.7  | 57.8   | 86.8  |       |
| 101     | 8.2   | 6.7    | 10.1  |       |
| 130     | 16.0  | 12.6   | 19.0  |       |



#20  
3+4-Methylphenols  
Concen: 36.62 ng  
RT: 7.23 min Scan# 450  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 179342 |       |       |
| 108     | 87.0  | 68.2   | 108.2 |       |
| 77      | 110.9 | 88.5   | 128.5 |       |
| 79      | 29.6  | 10.3   | 50.3  |       |





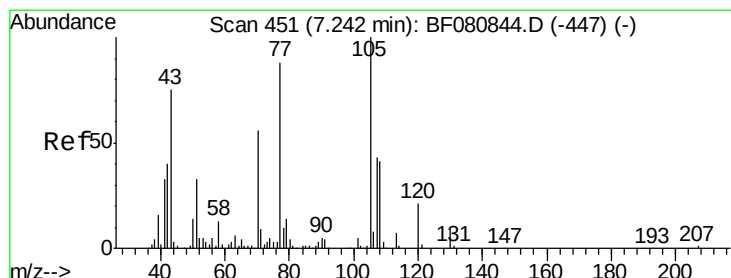
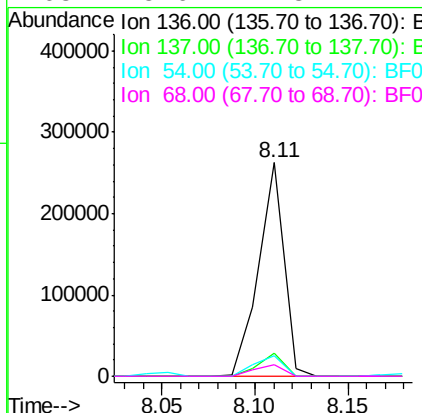
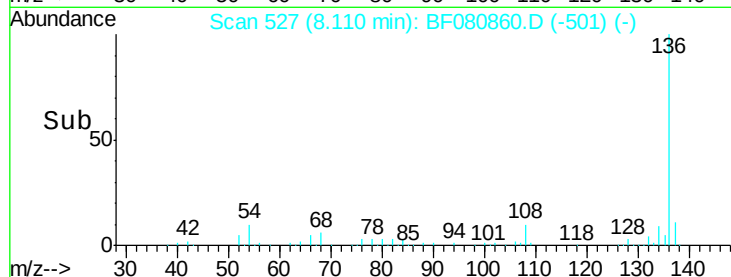
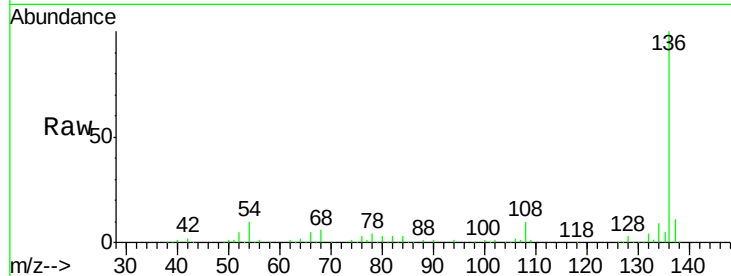
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.11 min Scan# 527  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 136     | 100   |            |            |
| 137     | 10.7  | 8.6        | 13.0       |
| 54      | 9.7   | 8.3        | 12.5       |
| 68      | 5.6   | 4.8        | 7.2        |

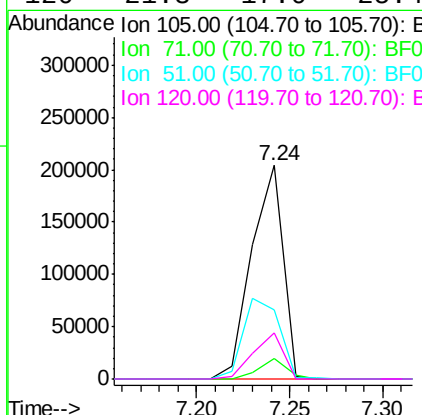
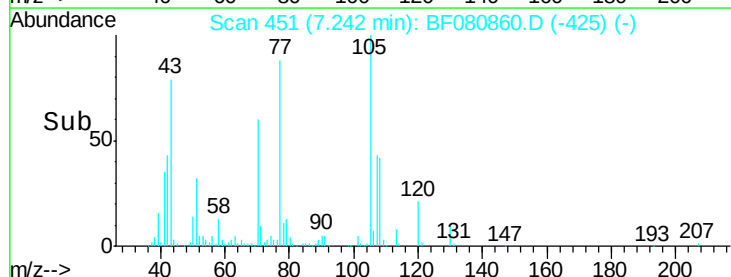
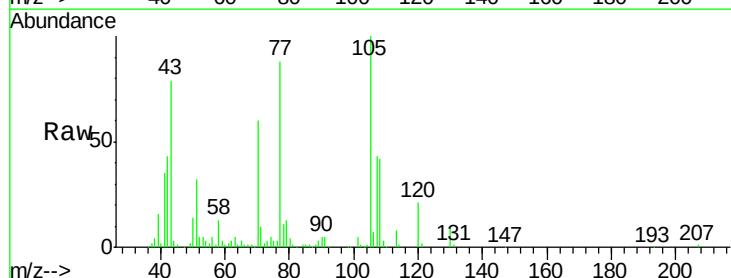
Manual Integrations  
APPROVED

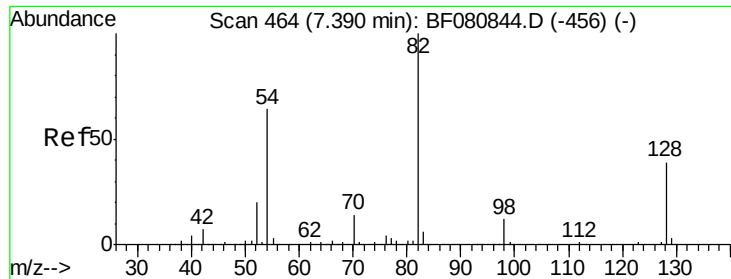
MMDadoda  
8/5/2015 7:01:14 PM



#22  
Acetophenone  
Concen: 39.54 ng  
RT: 7.24 min Scan# 451  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 105     | 100   |            |            |
| 71      | 9.8   | 7.4        | 11.2       |
| 51      | 32.5  | 26.5       | 39.7       |
| 120     | 21.3  | 17.0       | 25.4       |





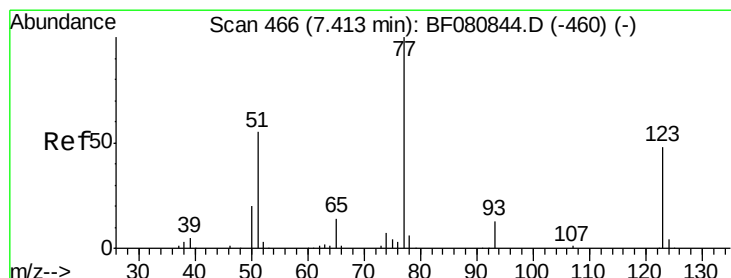
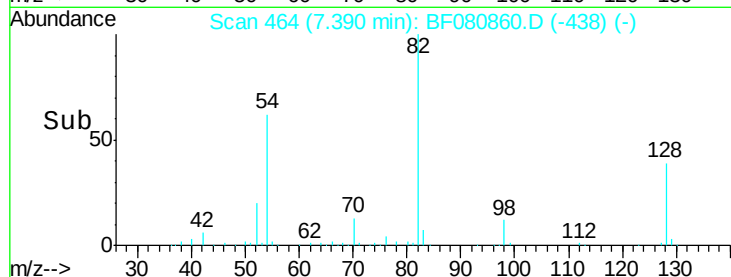
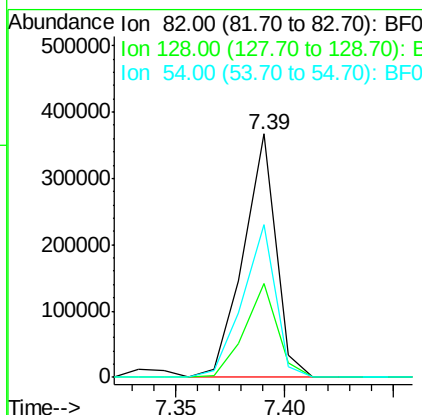
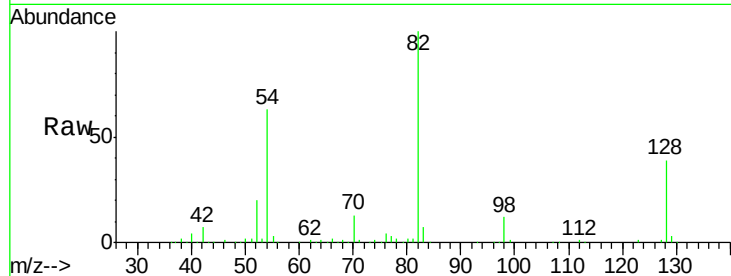
#23  
 Nitrobenzene-d5  
 Concen: 73.34 ng  
 RT: 7.39 min Scan# 464  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 82      | 100   |            |            |
| 128     | 38.7  | 31.0       | 46.4       |
| 54      | 62.6  | 51.0       | 76.6       |

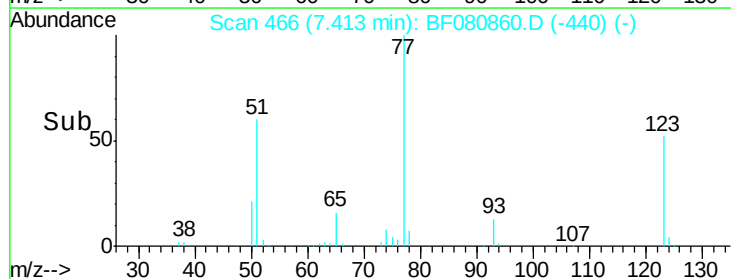
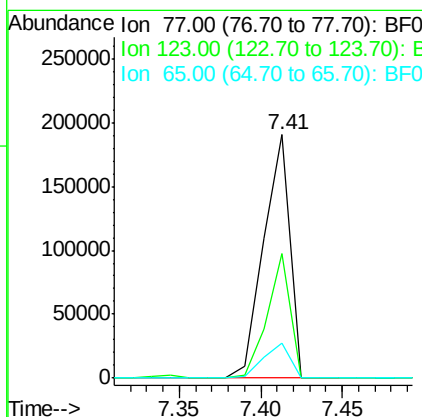
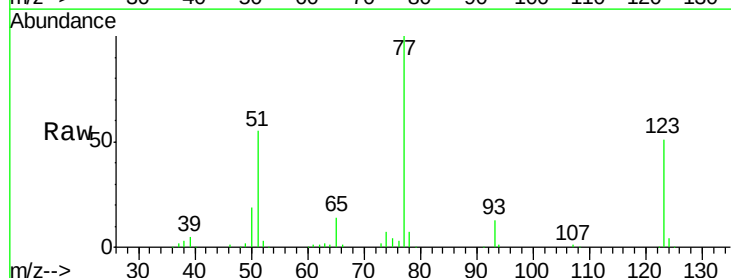
Manual Integrations  
 APPROVED

MMDadoda  
 8/5/2015 7:01:14 PM

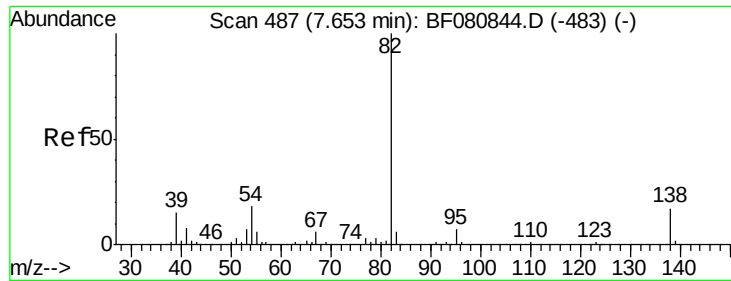


#24  
 Nitrobenzene  
 Concen: 39.37 ng  
 RT: 7.41 min Scan# 466  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 77      | 100   |            |            |
| 123     | 51.4  | 39.7       | 59.5       |
| 65      | 14.2  | 11.0       | 16.6       |







#25

Isophorone

Concen: 39.40 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

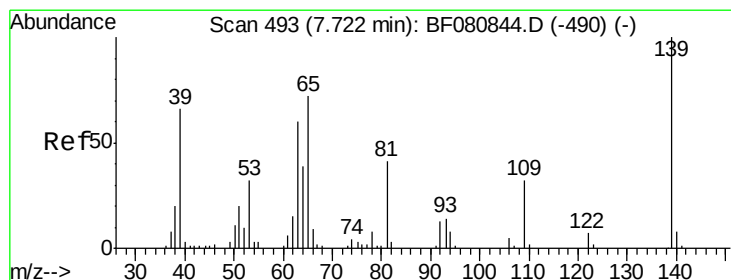
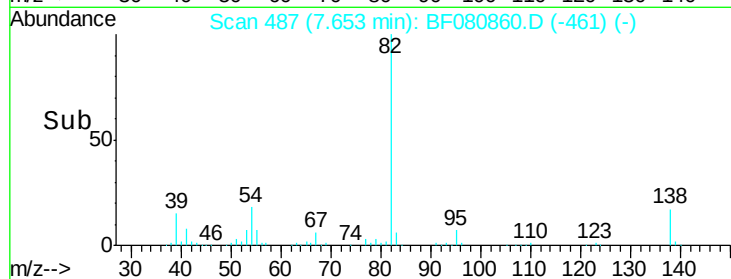
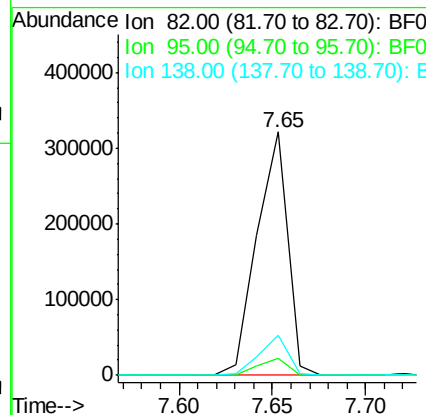
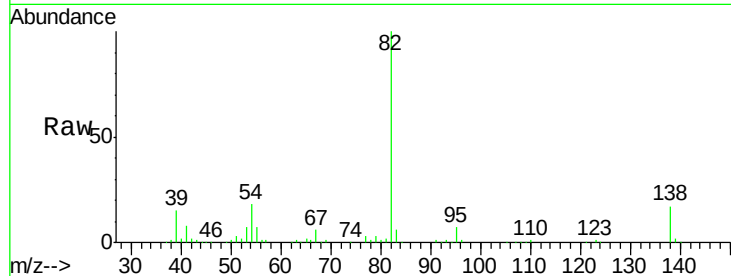
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 364646 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.9   | 5.5   | 8.3    |
| 138       | 16.7  | 13.3  | 19.9   |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#26

2-Nitrophenol

Concen: 38.16 ng m

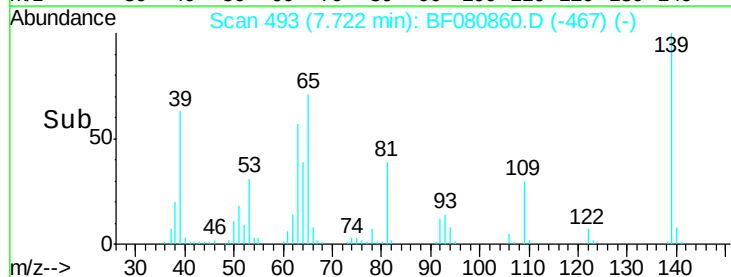
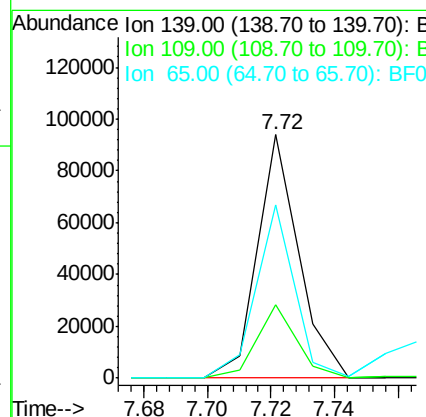
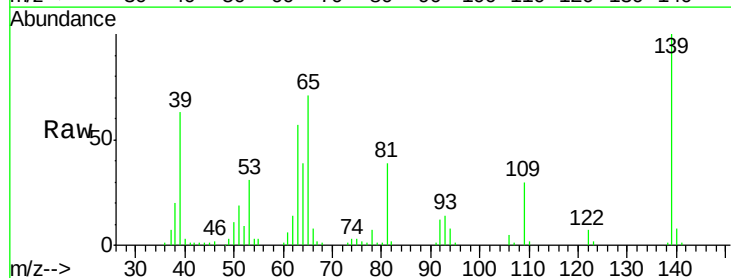
RT: 7.72 min Scan# 493

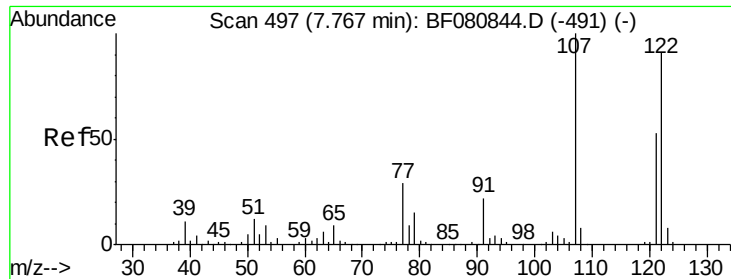
Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 84792 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 30.1  | 25.2  | 37.8  |
| 65        | 70.9  | 57.3  | 85.9  |





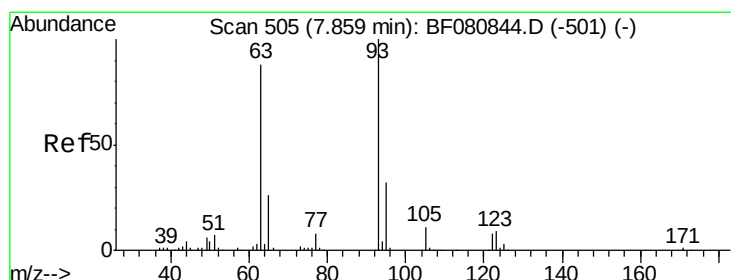
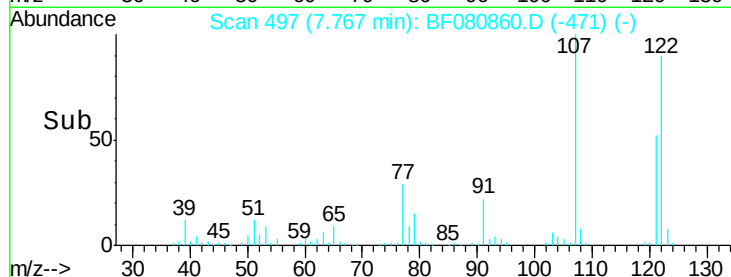
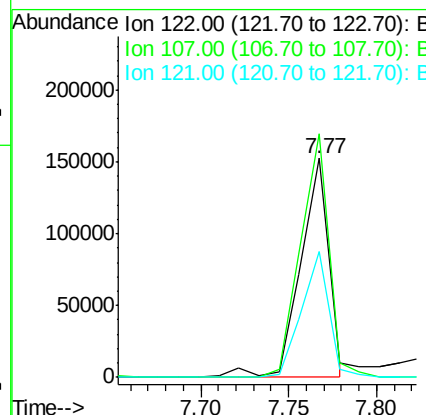
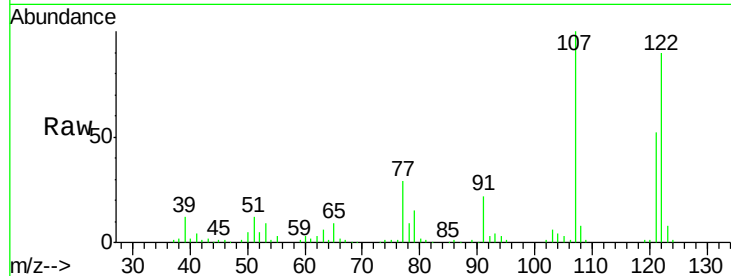
#27  
2,4-Dimethylphenol  
Concen: 40.84 ng m  
RT: 7.77 min Scan# 497  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 168967 |       |       |
| 107     | 111.3 | 88.2   | 132.4 |       |
| 121     | 57.5  | 46.8   | 70.2  |       |

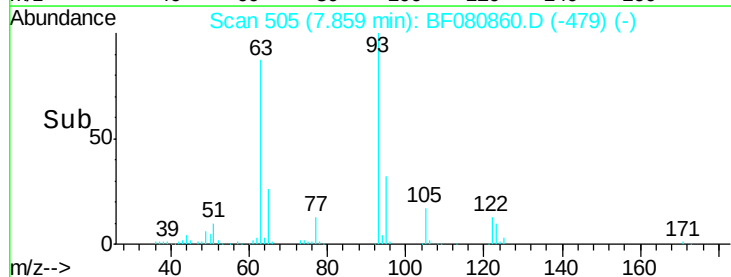
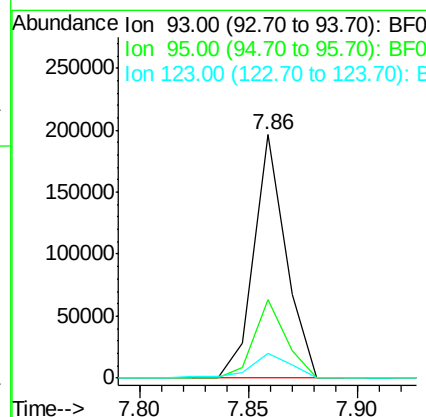
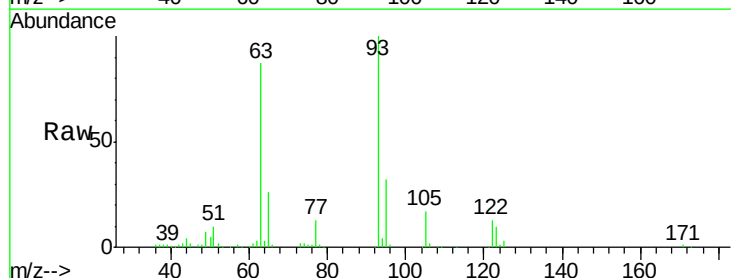
Manual Integrations  
APPROVED

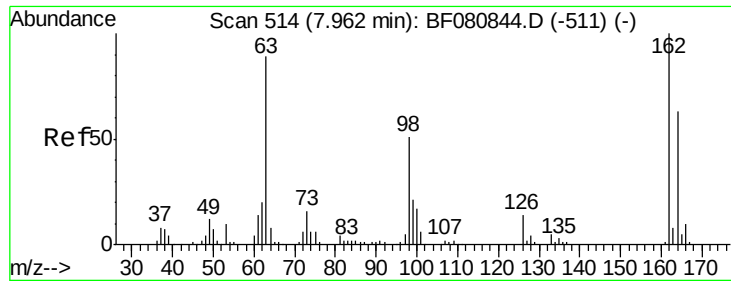
MMDadoda  
8/5/2015 7:01:14 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 35.26 ng  
RT: 7.86 min Scan# 505  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

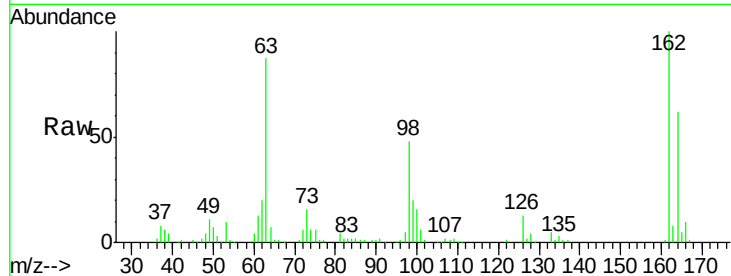
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 200691 |       |       |
| 95      | 32.2  | 25.9   | 38.9  |       |
| 123     | 9.9   | 7.9    | 11.9  |       |





#29  
 2,4-Dichlorophenol  
 Concen: 37.82 ng  
 RT: 7.96 min Scan# 514  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

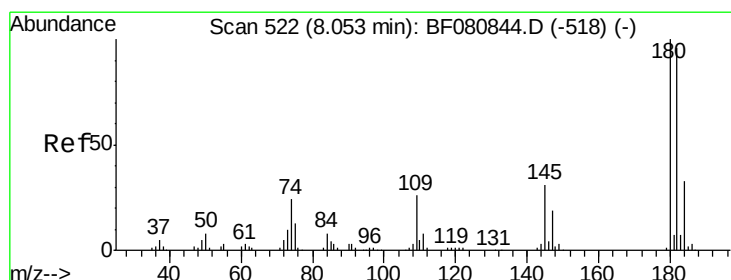
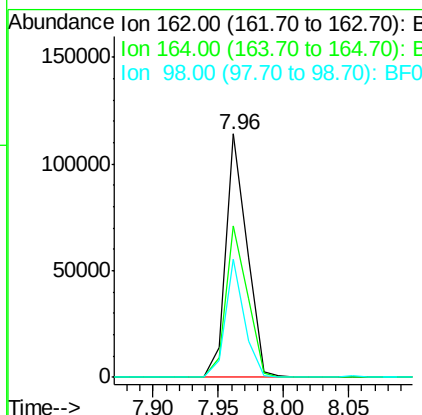
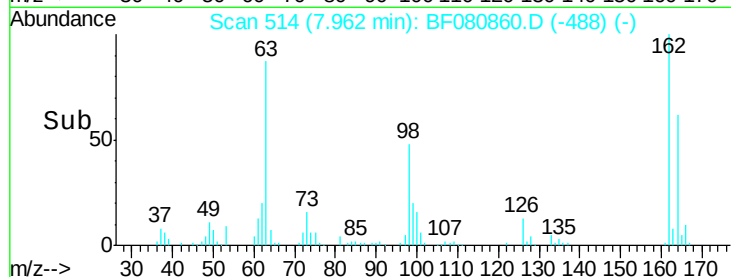
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 129172 |       |       |
| 164     | 62.3  | 43.1   | 83.1  |       |
| 98      | 48.4  | 31.3   | 71.3  |       |

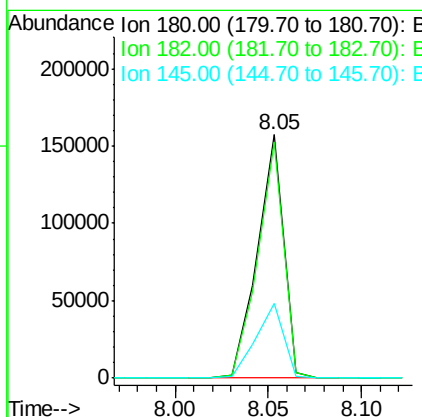
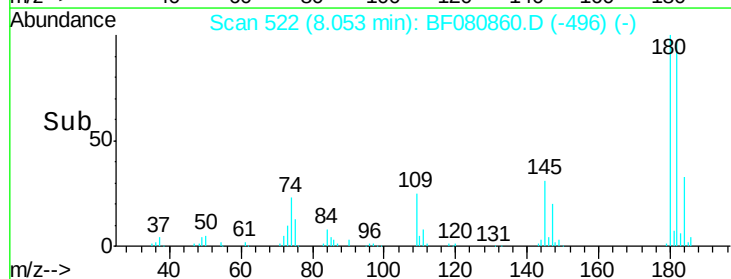
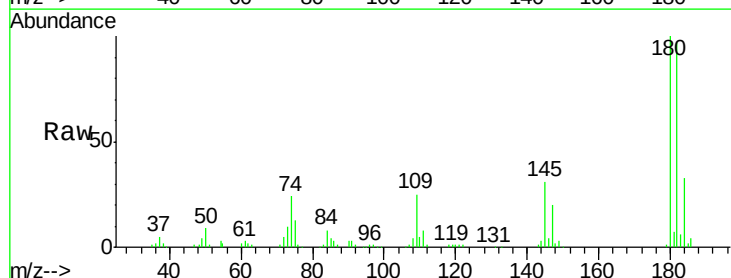
Manual Integrations  
 APPROVED

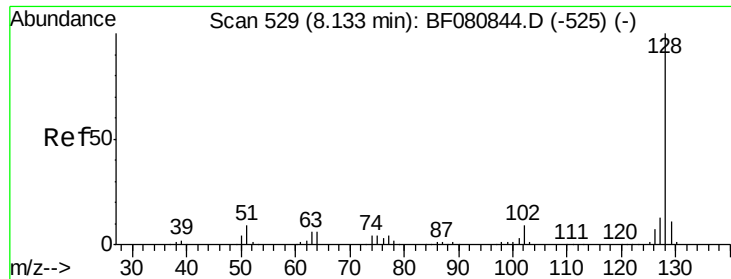
MMDadoda  
 8/5/2015 7:01:14 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.26 ng  
 RT: 8.05 min Scan# 522  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 152595 |       |       |
| 182     | 96.9  | 77.0   | 115.4 |       |
| 145     | 30.6  | 25.1   | 37.7  |       |





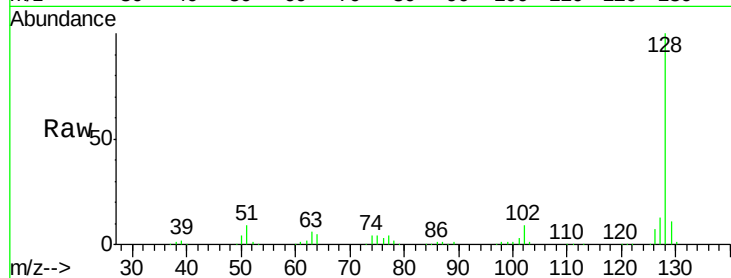
#31  
Naphthalene  
Concen: 39.84 ng  
RT: 8.13 min Scan# 529  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

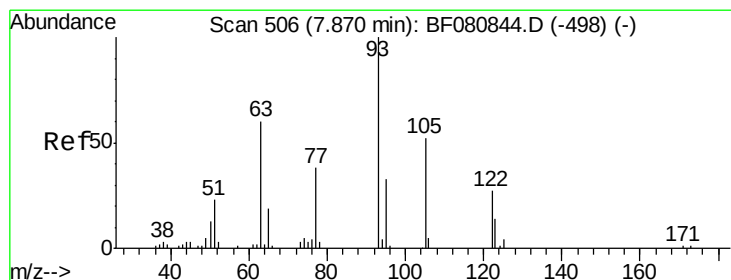
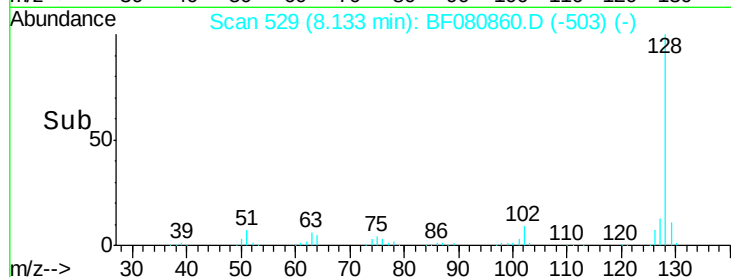
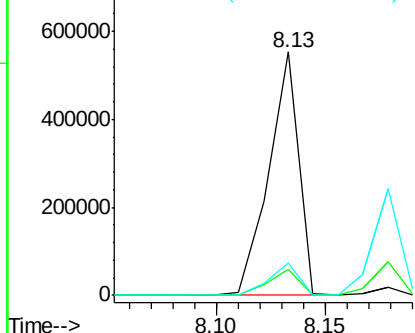
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 10.8  | 8.7        | 13.1       |
| 127     | 13.3  | 10.6       | 15.8       |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM

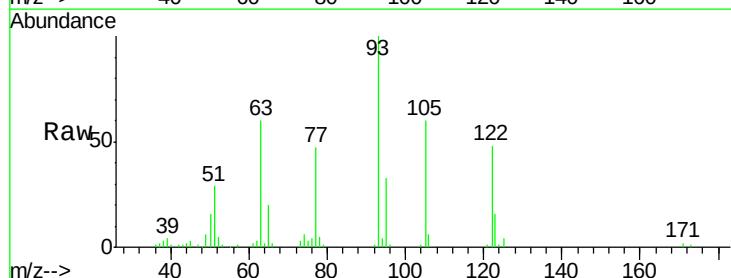


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

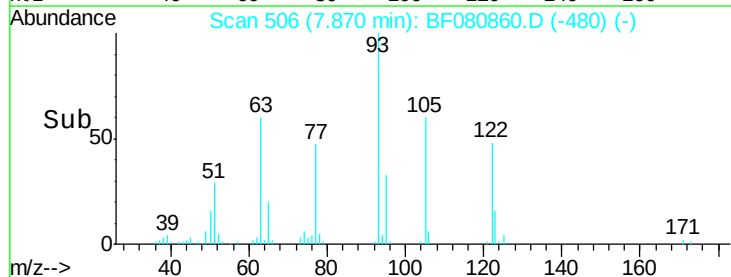
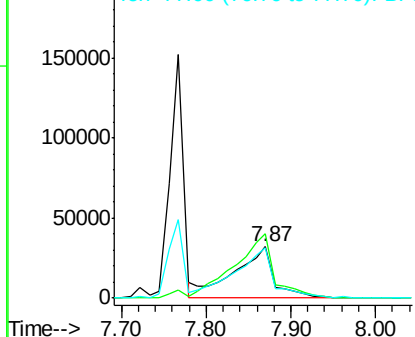


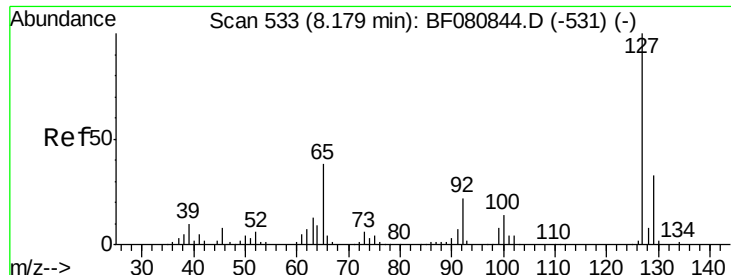
#32  
Benzoic acid  
Concen: 38.75 ng m  
RT: 7.87 min Scan# 506  
Delta R.T. 0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 105     | 125.4 | 110.1      | 150.1      |
| 77      | 98.2  | 83.6       | 123.6      |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





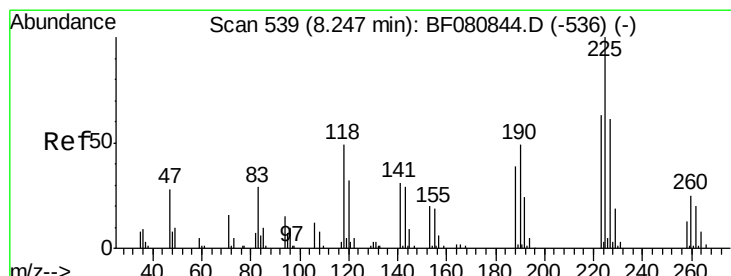
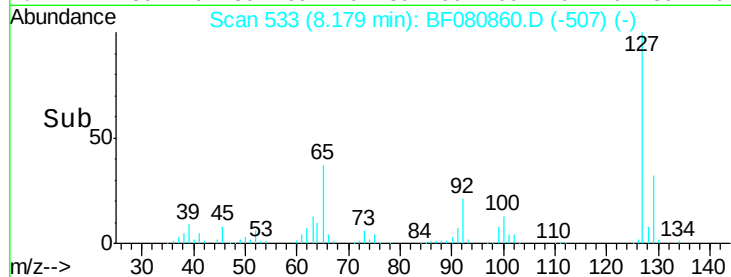
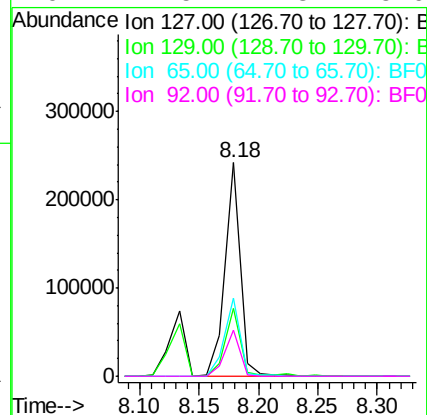
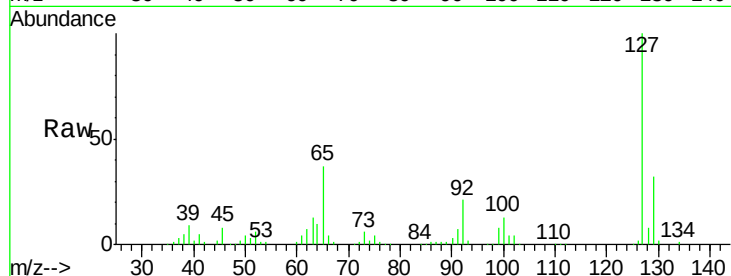
#33  
4-Chloroaniline  
Concen: 40.70 ng  
RT: 8.18 min Scan# 533  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 213464 |       |       |
| 129     | 31.6  | 26.2   | 39.2  |       |
| 65      | 36.7  | 30.3   | 45.5  |       |
| 92      | 21.5  | 17.3   | 25.9  |       |

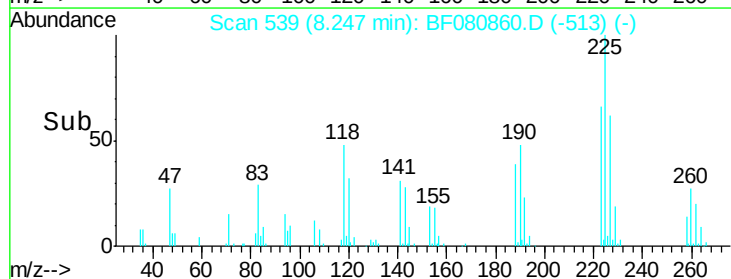
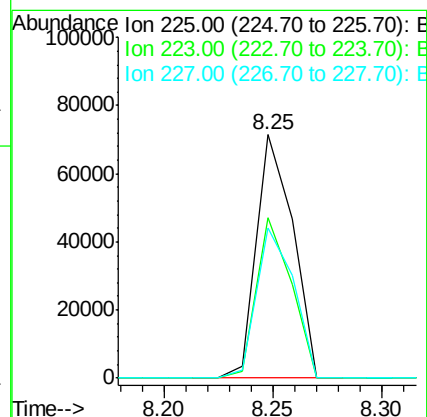
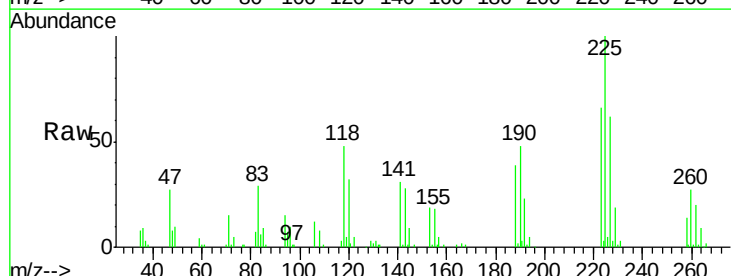
Manual Integrations  
APPROVED

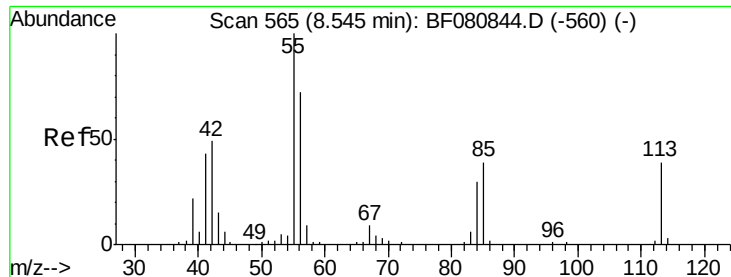
MMDadoda  
8/5/2015 7:01:14 PM



#34  
Hexachlorobutadiene  
Concen: 37.68 ng  
RT: 8.25 min Scan# 539  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 83485 |       |       |
| 223     | 65.6  | 50.0  | 75.0  |       |
| 227     | 61.9  | 48.5  | 72.7  |       |





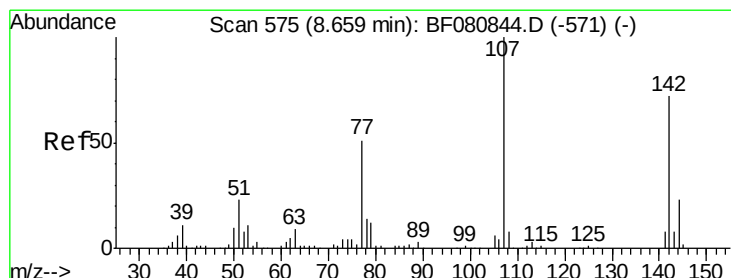
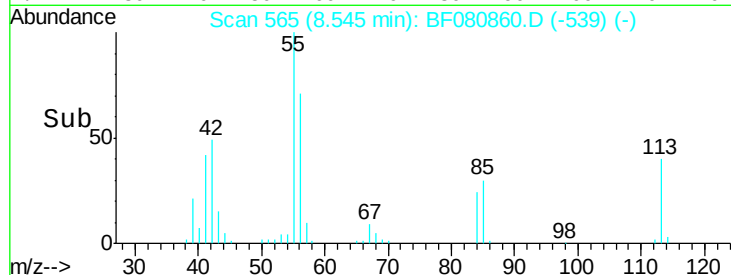
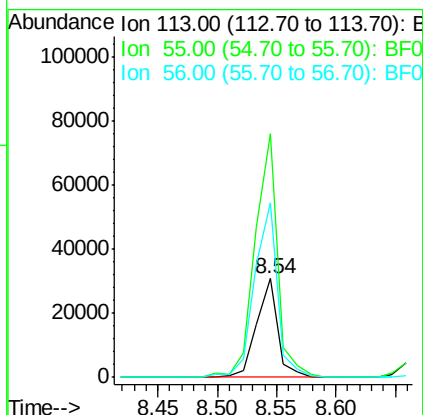
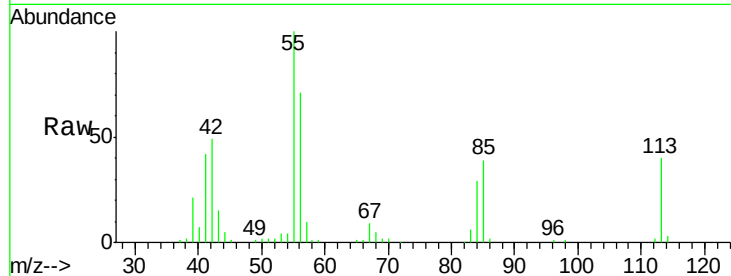
#35  
 Caprolactam  
 Concen: 39.57 ng  
 RT: 8.54 min Scan# 565  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 247.0 | 236.2 | 276.2 |
| 56      | 176.5 | 165.2 | 205.2 |

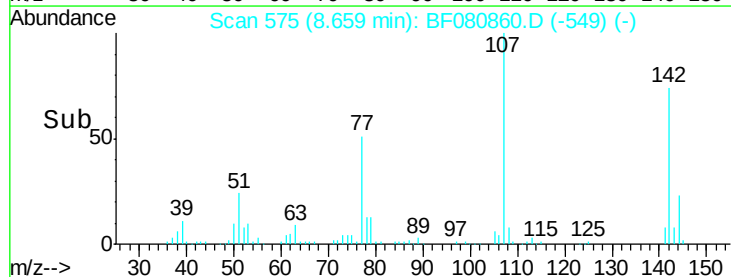
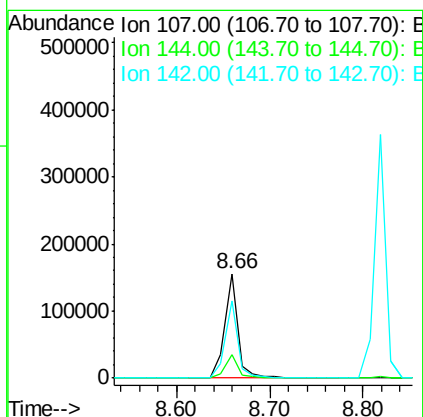
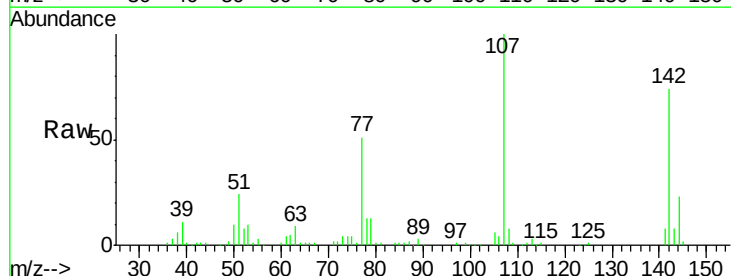
Manual Integrations  
 APPROVED

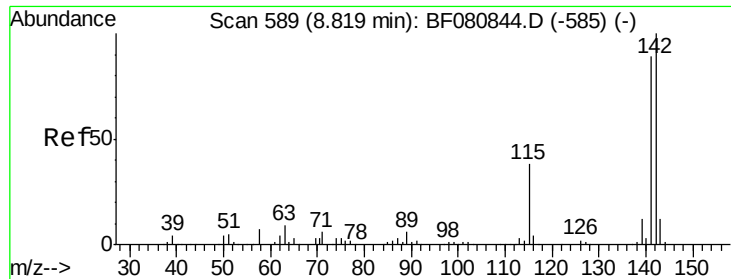
MMDadoda  
 8/5/2015 7:01:14 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.19 ng  
 RT: 8.66 min Scan# 575  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

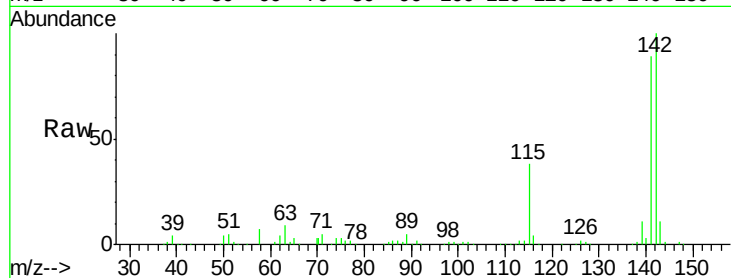
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.0  | 18.3  | 27.5  |
| 142     | 73.7  | 57.8  | 86.8  |





#37  
 2-Methylnaphthalene  
 Concen: 38.11 ng  
 RT: 8.82 min Scan# 589  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

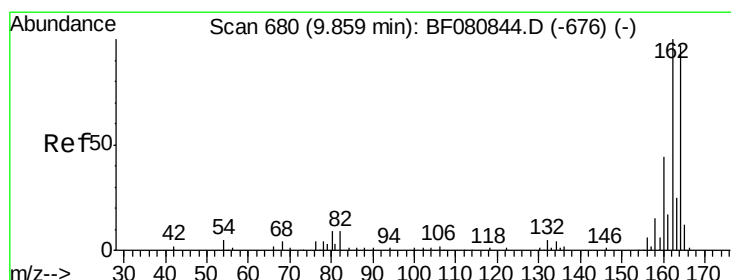
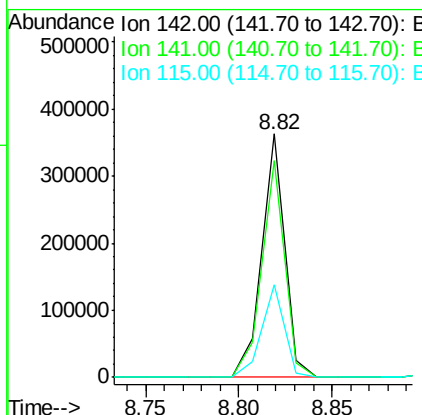
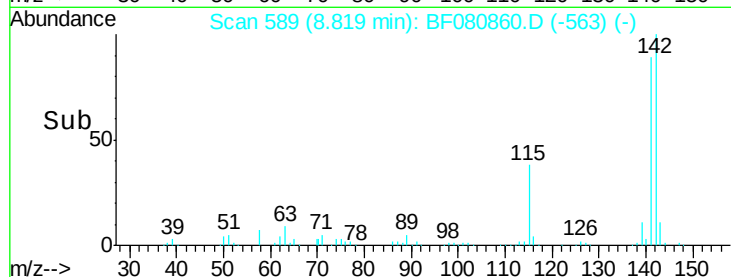
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 142     | 100   |            |            |
| 141     | 89.2  | 71.5       | 107.3      |
| 115     | 38.1  | 30.5       | 45.7       |

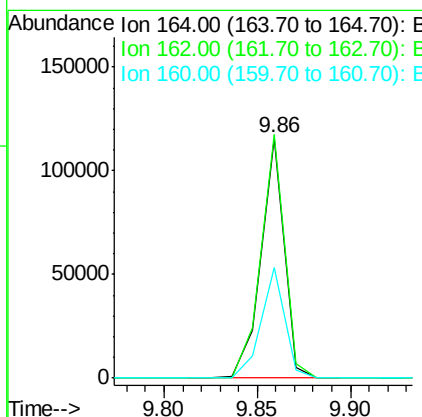
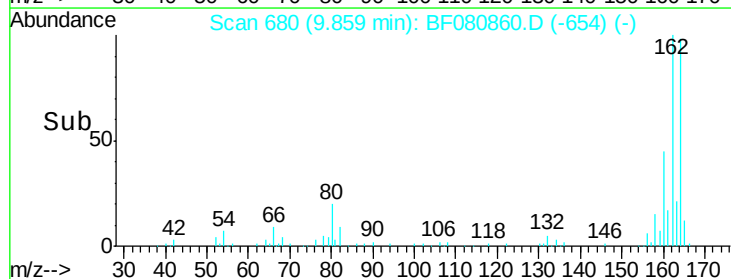
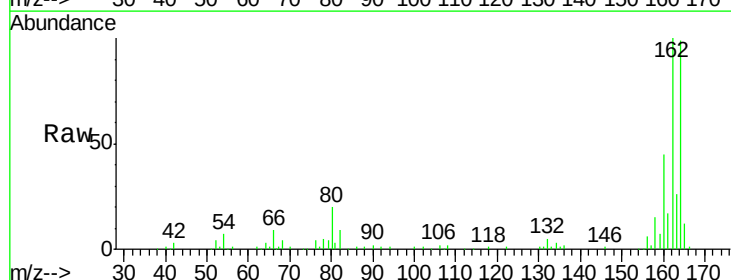
Manual Integrations  
 APPROVED

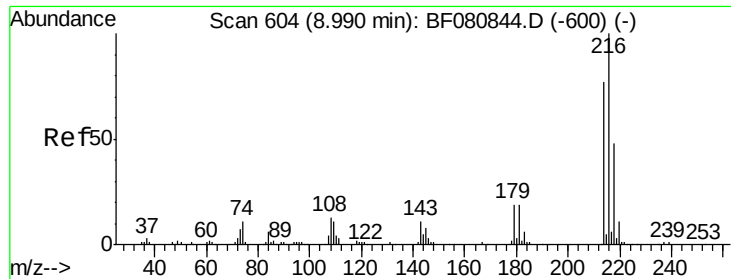
MMDadoda  
 8/5/2015 7:01:14 PM



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.86 min Scan# 680  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 164     | 100   |            |            |
| 162     | 101.4 | 82.9       | 124.3      |
| 160     | 45.9  | 36.6       | 54.8       |





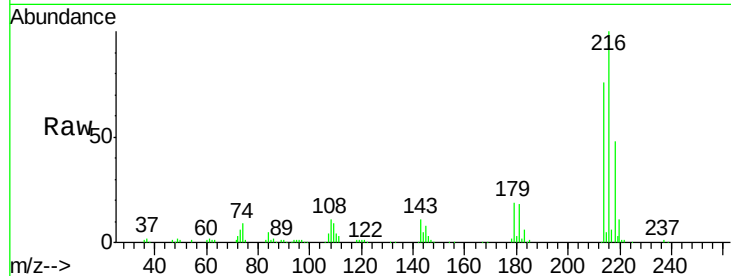
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.51 ng  
 RT: 8.99 min Scan# 604  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC040EC

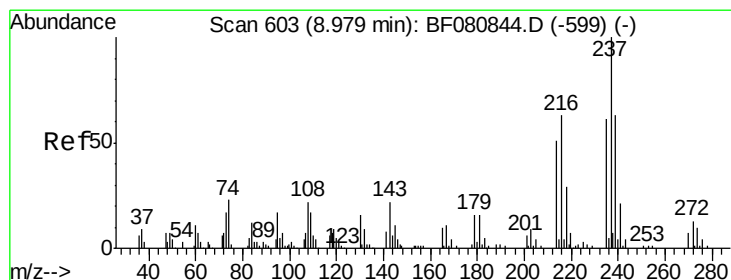
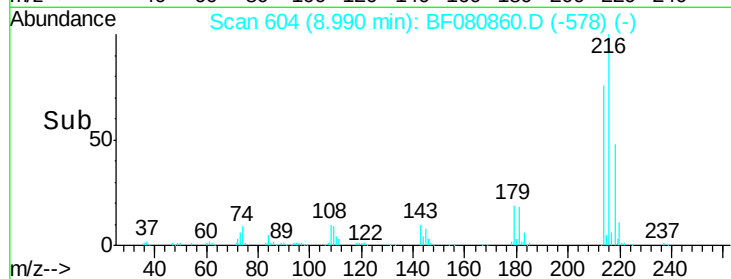
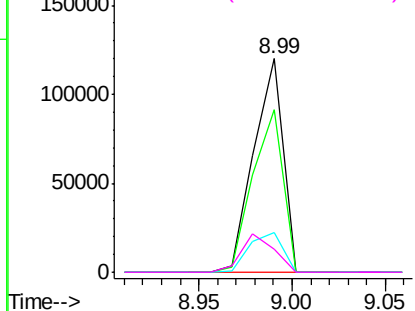
Manual Integrations  
 APPROVED

MMDadoda  
 8/5/2015 7:01:14 PM

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 130105 |       |       |
| 214     | 78.5  | 62.1   | 93.1  |       |
| 179     | 21.3  | 17.0   | 25.6  |       |
| 108     | 20.0  | 16.5   | 24.7  |       |

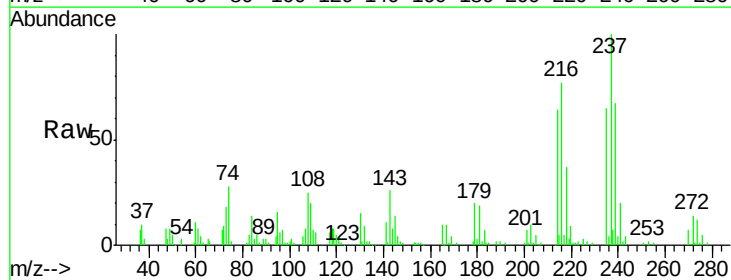


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

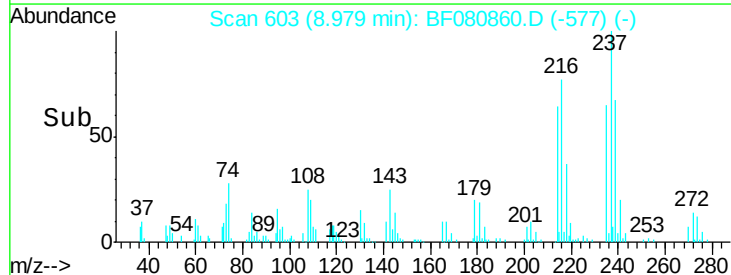
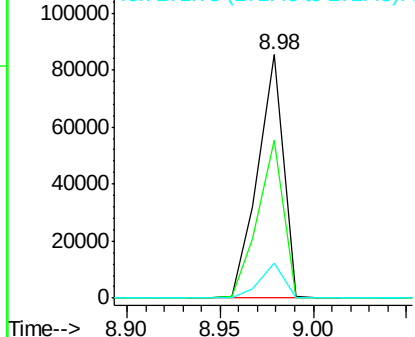


#40  
 Hexachlorocyclopentadiene  
 Concen: 40.13 ng  
 RT: 8.98 min Scan# 603  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

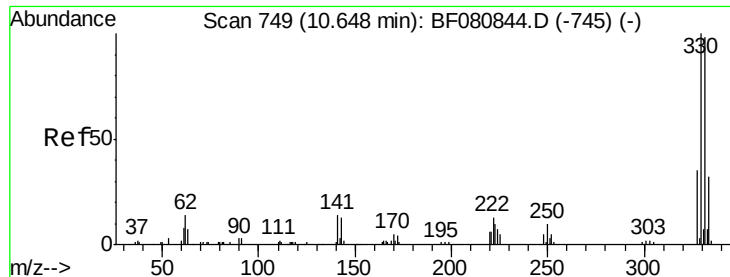
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 81429 |       |       |
| 235     | 65.1  | 40.9  | 80.9  |       |
| 272     | 14.3  | 0.0   | 33.1  |       |



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







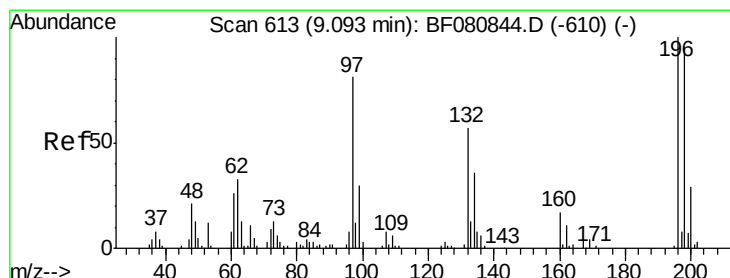
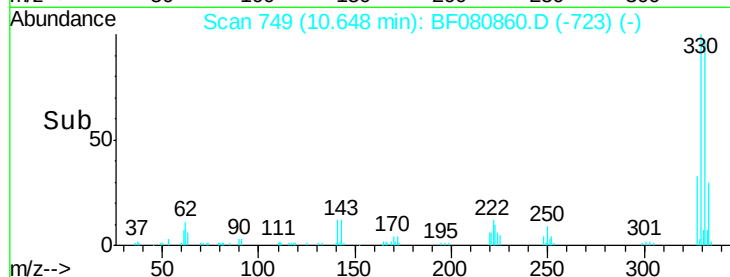
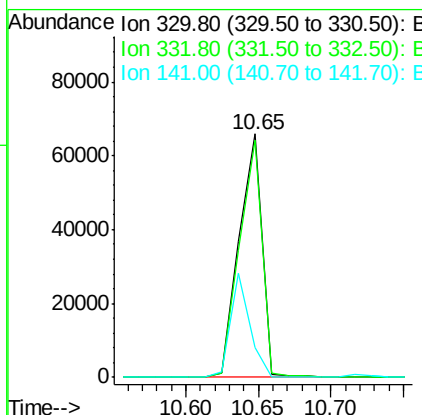
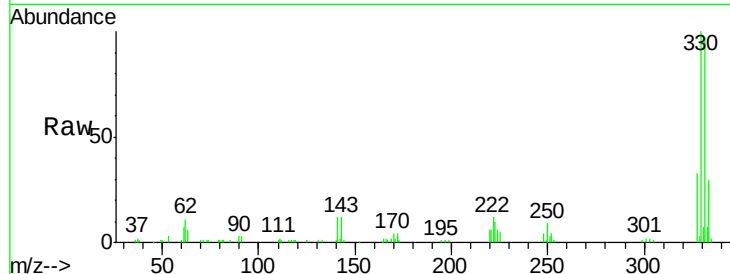
#41  
 2,4,6-Tribromophenol  
 Concen: 76.10 ng  
 RT: 10.65 min Scan# 749  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 72663 |       |       |
| 332     | 95.8  | 77.8  | 116.8 |       |
| 141     | 35.4  | 28.4  | 42.6  |       |

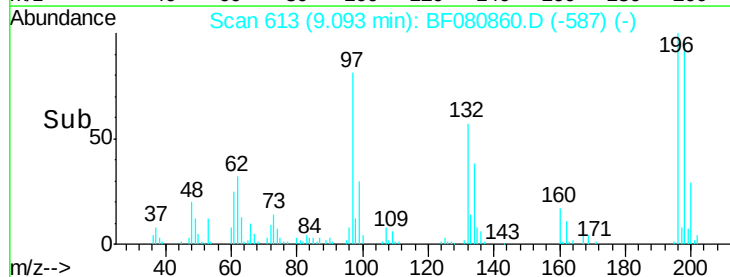
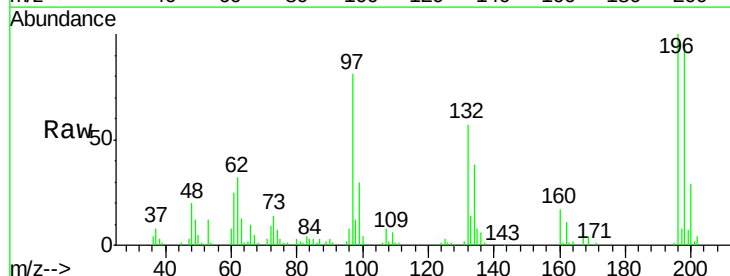
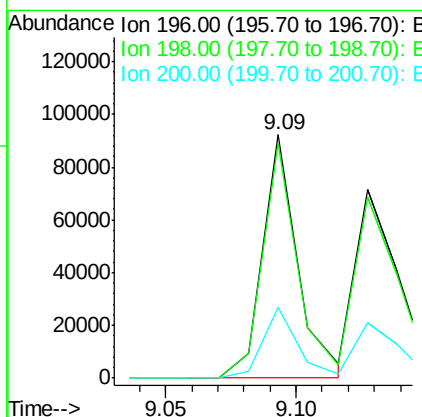
Manual Integrations  
 APPROVED

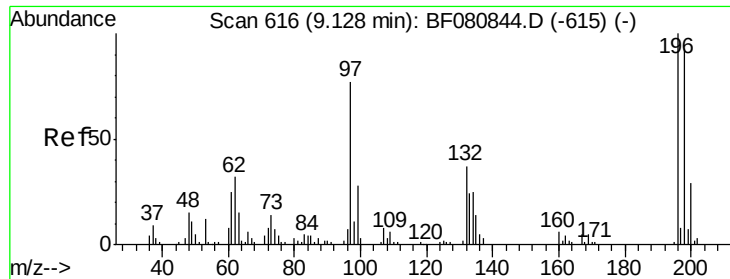
MMDadoda  
 8/5/2015 7:01:14 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 37.78 ng  
 RT: 9.09 min Scan# 613  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

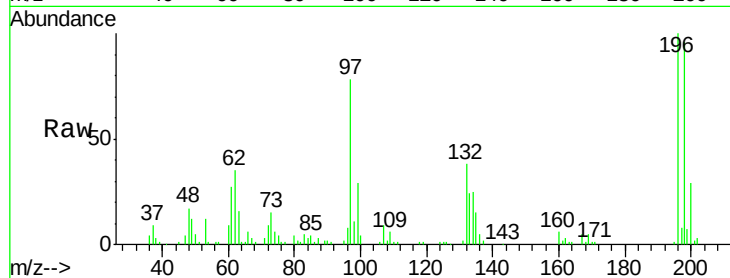
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 86514 |       |       |
| 198     | 96.4  | 76.4  | 114.6 |       |
| 200     | 28.9  | 23.1  | 34.7  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 36.48 ng  
 RT: 9.13 min Scan# 616  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

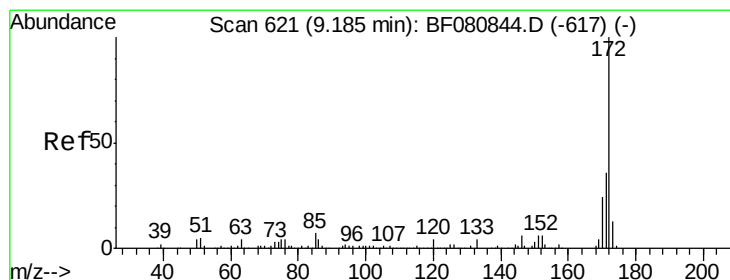
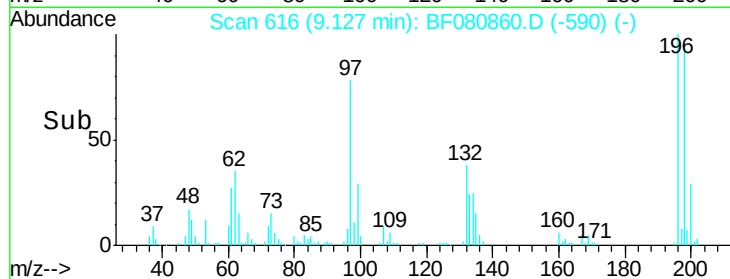
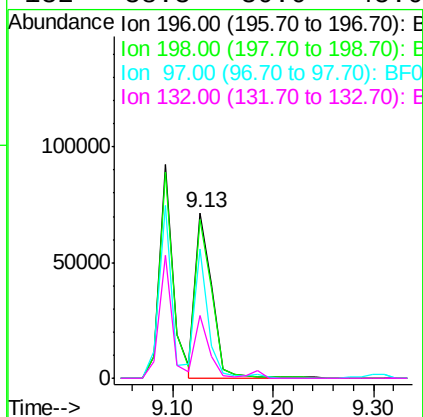
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 83789 |       |       |
| 198     | 95.6  | 74.2  | 111.4 |       |
| 97      | 78.0  | 63.0  | 94.6  |       |
| 132     | 38.3  | 30.0  | 45.0  |       |

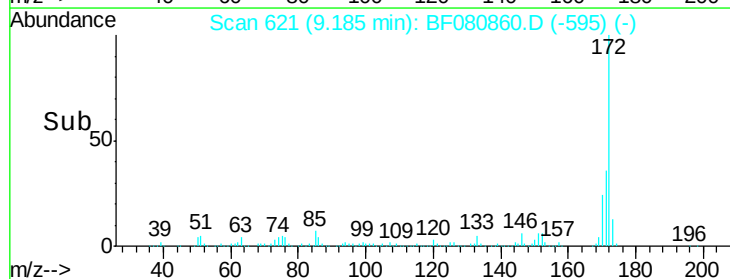
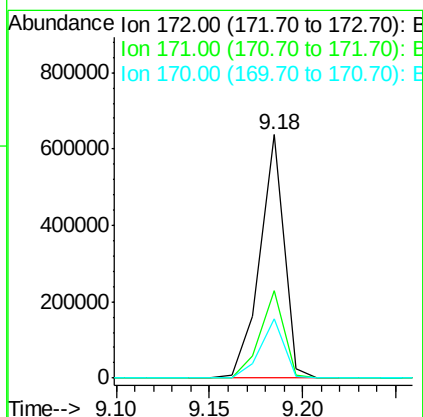
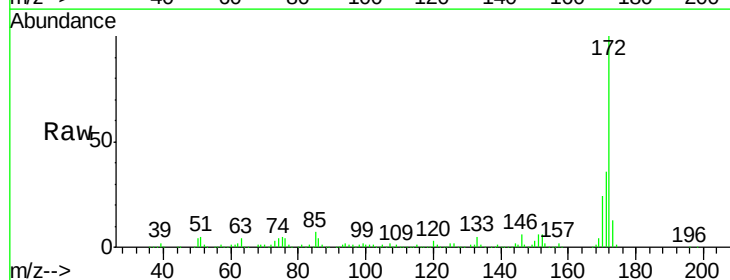
Manual Integrations  
 APPROVED

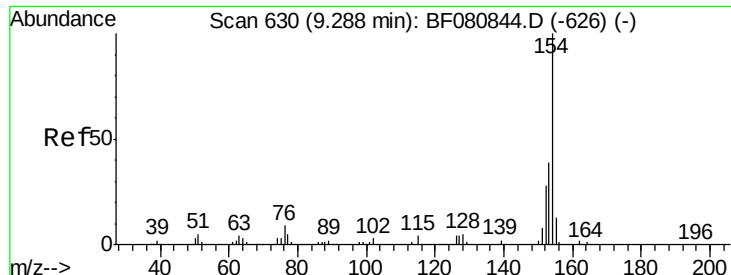
MMDadoda  
 8/5/2015 7:01:14 PM



#44  
 2-Fluorobiphenyl  
 Concen: 77.65 ng  
 RT: 9.18 min Scan# 621  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 570965 |       |       |
| 171     | 36.2  | 28.9   | 43.3  |       |
| 170     | 24.1  | 19.4   | 29.2  |       |





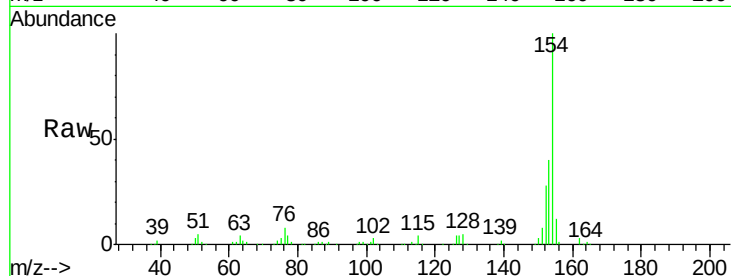
#45  
1,1'-Biphenyl  
Concen: 38.04 ng  
RT: 9.29 min Scan# 630  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

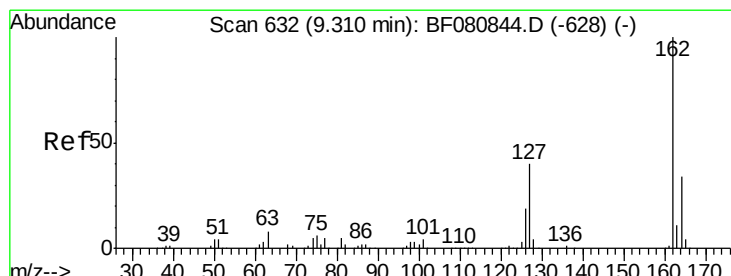
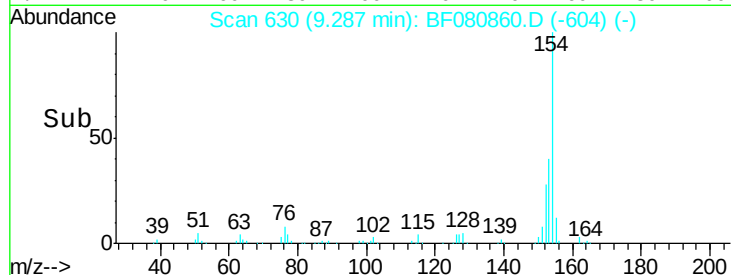
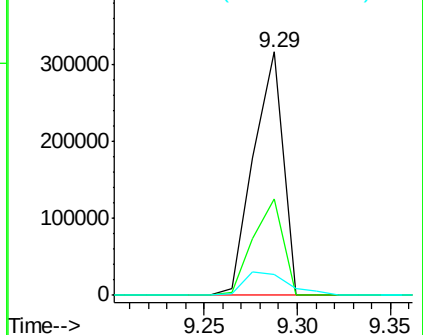
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 39.7  | 19.2       | 59.2  |
| 76      | 8.5   | 0.0        | 29.3  |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM

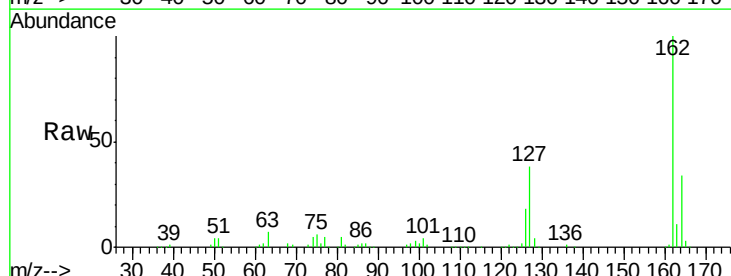


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF0

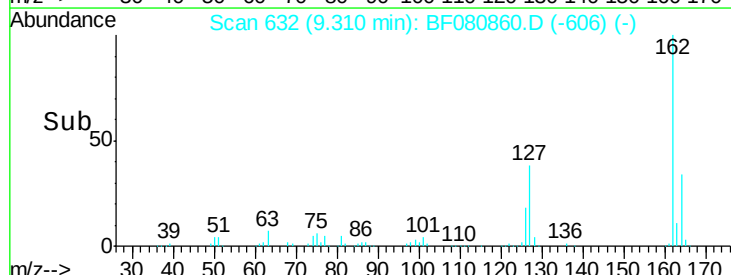
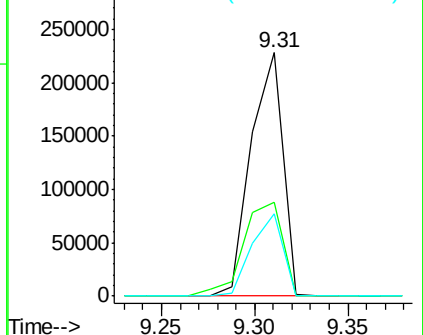


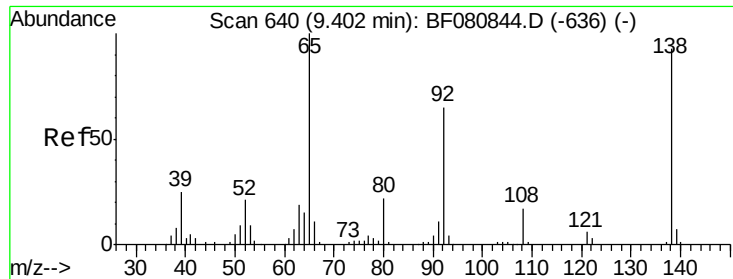
#46  
2-Chloronaphthalene  
Concen: 37.93 ng  
RT: 9.31 min Scan# 632  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 38.4  | 31.9       | 47.9  |
| 164     | 33.6  | 26.8       | 40.2  |



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E





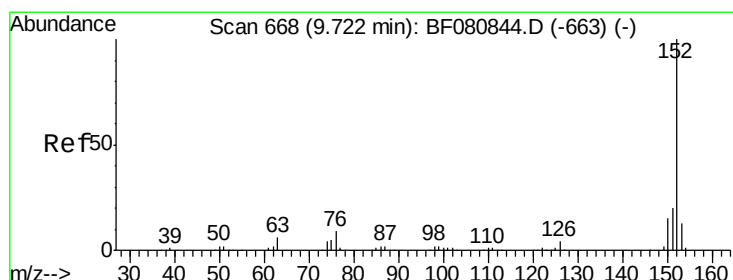
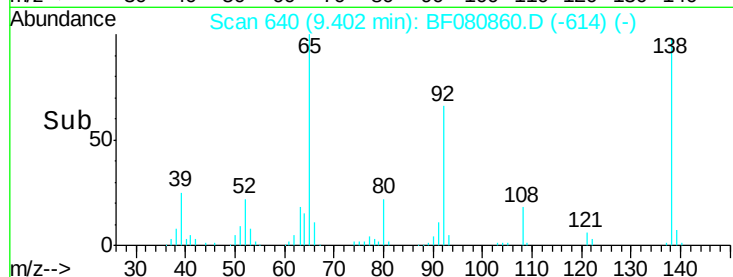
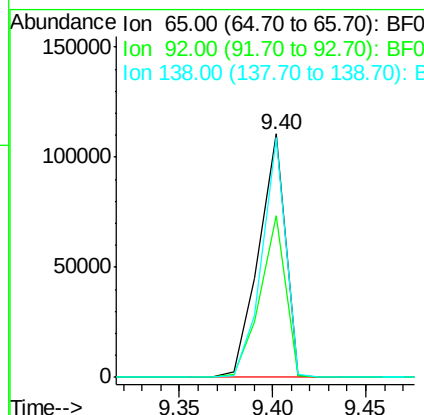
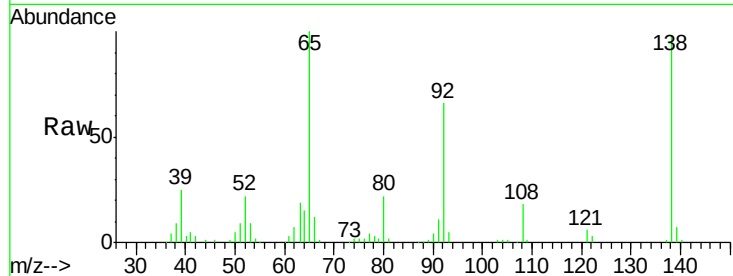
#47  
2-Nitroaniline  
Concen: 42.13 ng  
RT: 9.40 min Scan# 640  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.3  | 51.7  | 77.5  |
| 138     | 98.3  | 74.2  | 111.2 |

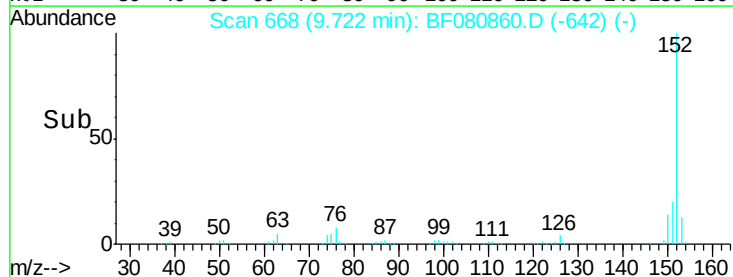
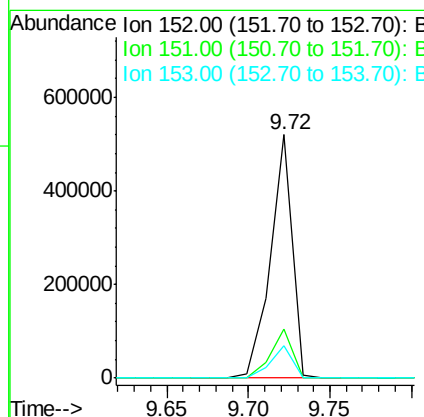
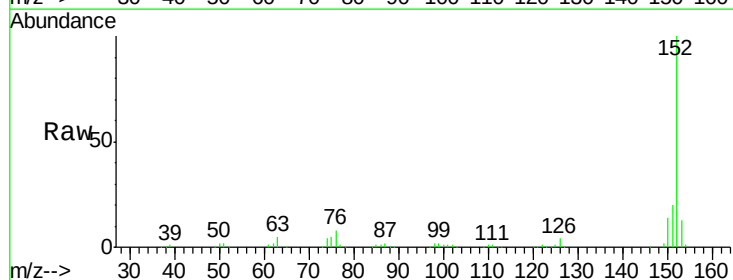
Manual Integrations  
APPROVED

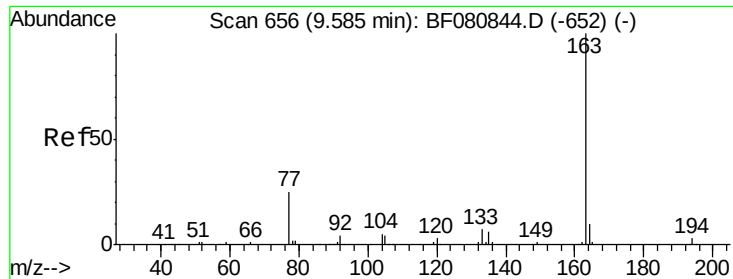
MMDadoda  
8/5/2015 7:01:14 PM



#48  
Acenaphthylene  
Concen: 41.47 ng  
RT: 9.72 min Scan# 668  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.1  | 16.2  | 24.4  |
| 153     | 13.3  | 10.6  | 15.8  |





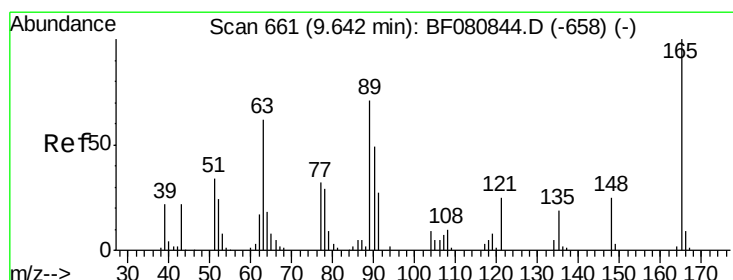
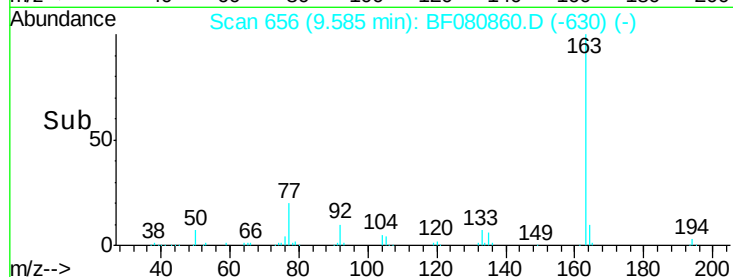
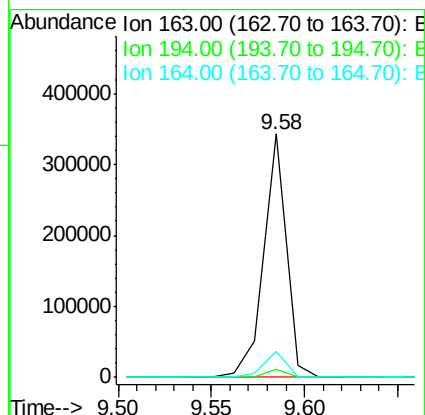
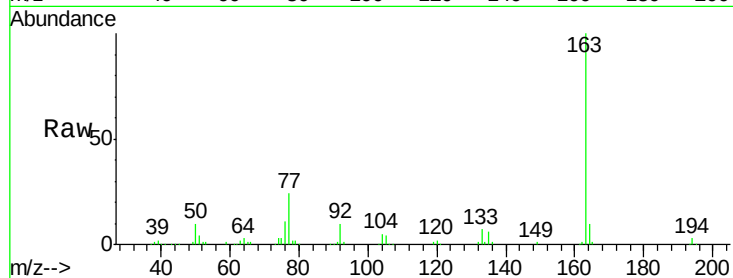
#49  
Dimethylphthalate  
Concen: 39.70 ng  
RT: 9.58 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.1   | 2.6        | 4.0        |
| 164     | 10.4  | 8.2        | 12.4       |

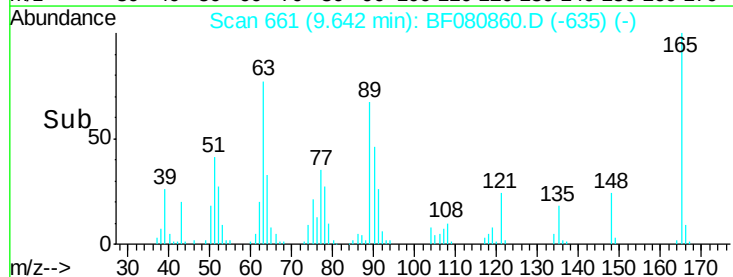
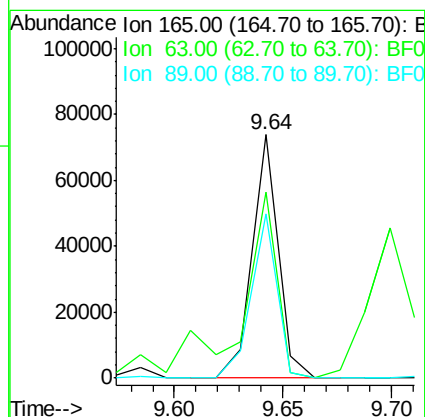
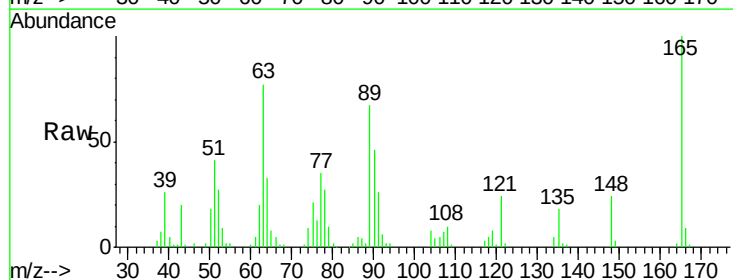
Manual Integrations  
APPROVED

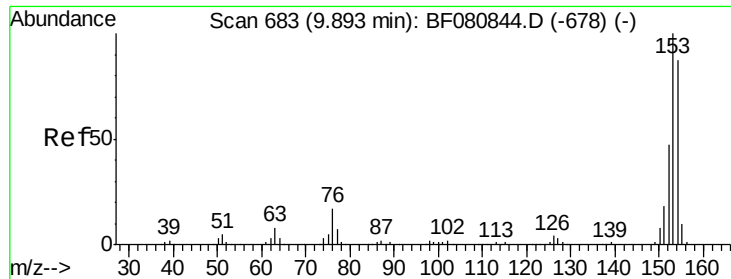
MMDadoda  
8/5/2015 7:01:14 PM



#50  
2,6-Dinitrotoluene  
Concen: 40.59 ng  
RT: 9.64 min Scan# 661  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 76.6  | 65.0       | 97.6       |
| 89      | 67.4  | 56.6       | 85.0       |





#51

Acenaphthene

Concen: 41.34 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080860.D

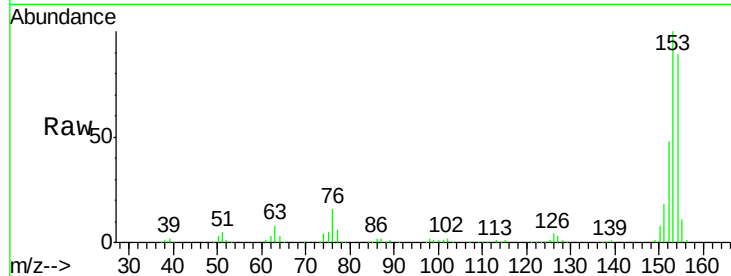
Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

ClientSampleId :

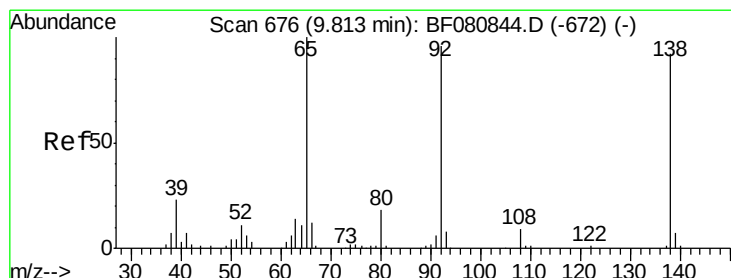
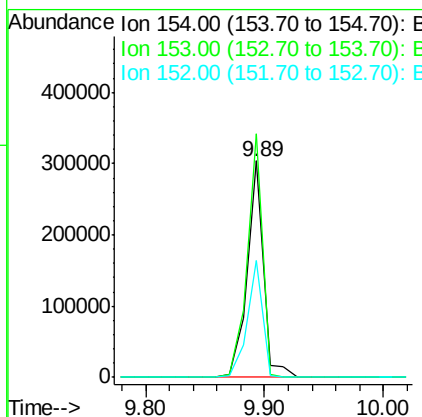
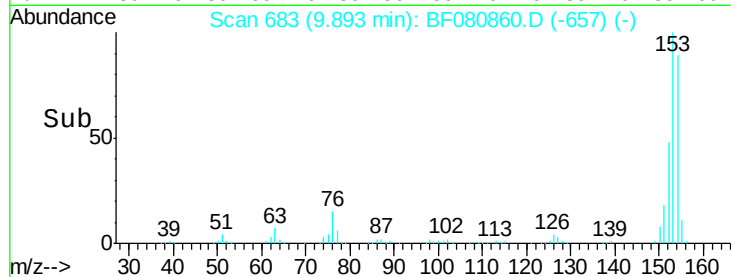
SSTDCCC040EC



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 290299 |       |       |
| 153     | 112.4 | 91.8   | 137.6 |       |
| 152     | 53.8  | 43.2   | 64.8  |       |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#52

3-Nitroaniline

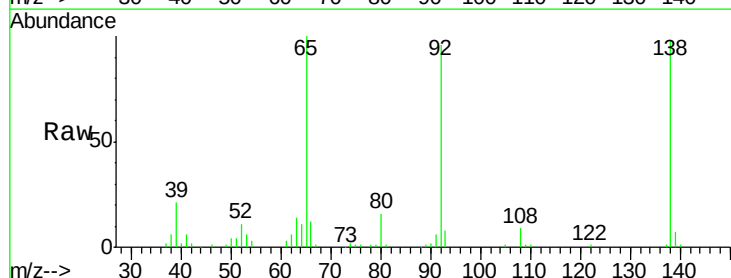
Concen: 39.95 ng

RT: 9.81 min Scan# 676

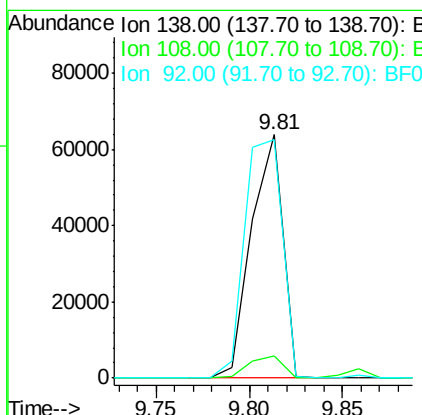
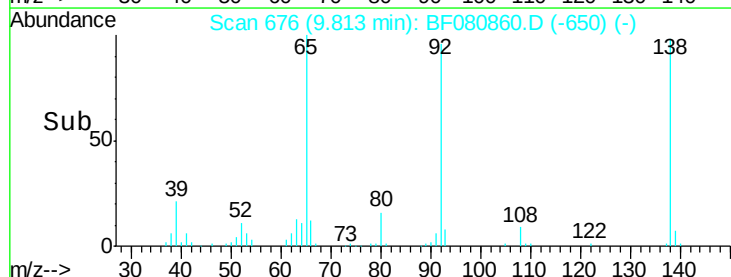
Delta R.T. -0.00 min

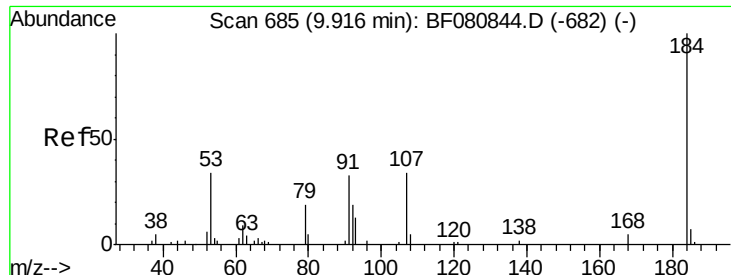
Lab File: BF080860.D

Acq: 5 Aug 2015 2:30



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 74519 |       |       |
| 108     | 9.2   | 7.9   | 11.9  |       |
| 92      | 97.8  | 83.7  | 125.5 |       |





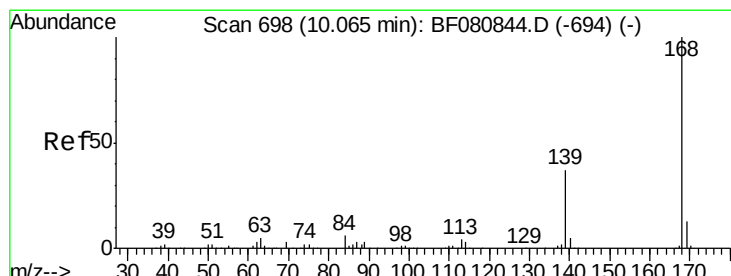
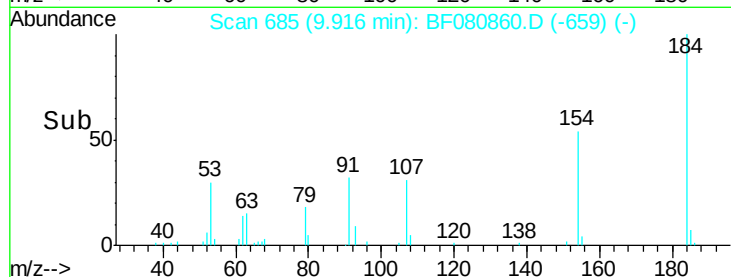
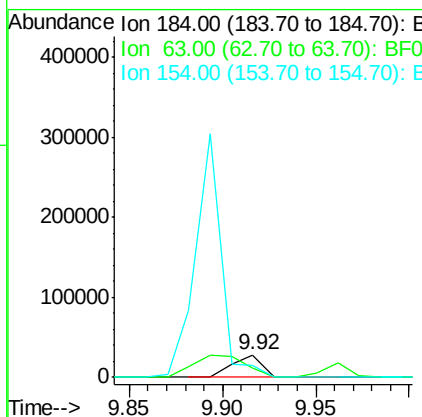
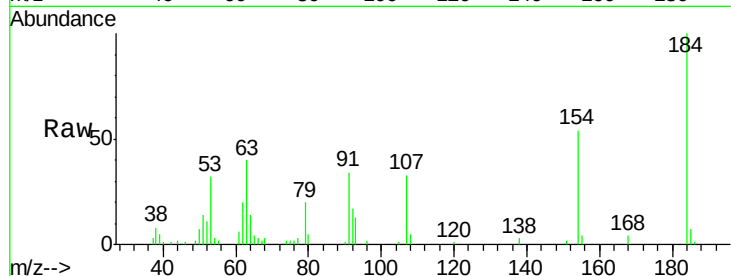
#53  
2,4-Dinitrophenol  
Concen: 37.29 ng  
RT: 9.92 min Scan# 685  
Delta R.T. 0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 31331 |       |       |
| 63      | 40.3  | 33.8  | 50.6  |       |
| 154     | 54.0  | 44.2  | 66.2  |       |

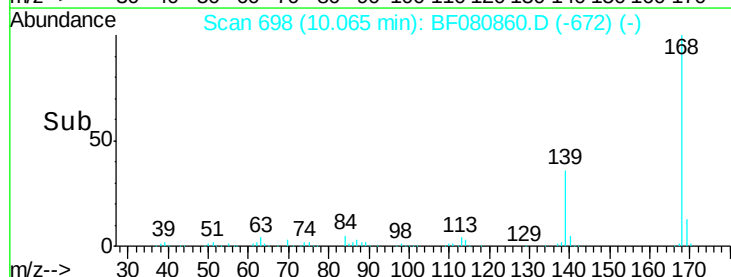
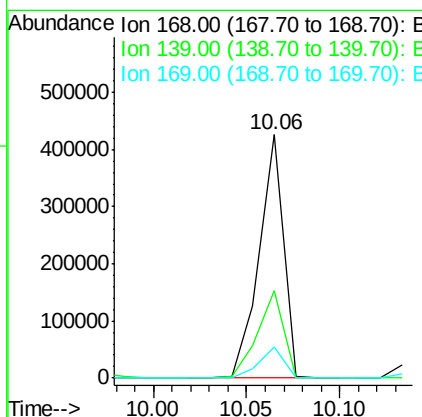
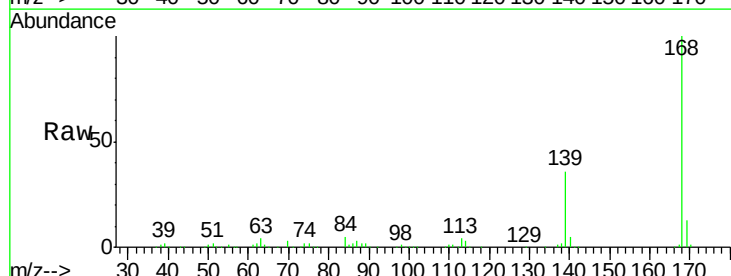
Manual Integrations  
APPROVED

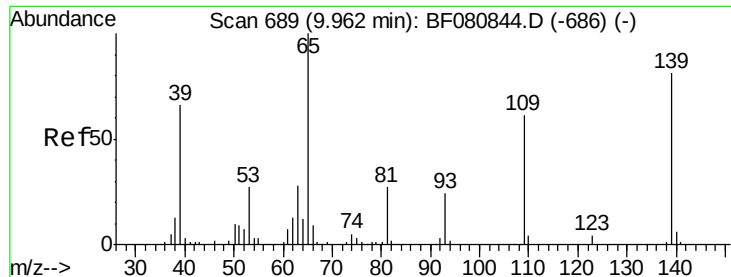
MMDadoda  
8/5/2015 7:01:14 PM



#54  
Dibenzofuran  
Concen: 41.00 ng  
RT: 10.06 min Scan# 698  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 383900 |       |       |
| 139     | 36.0  | 30.0   | 45.0  |       |
| 169     | 13.1  | 10.6   | 16.0  |       |





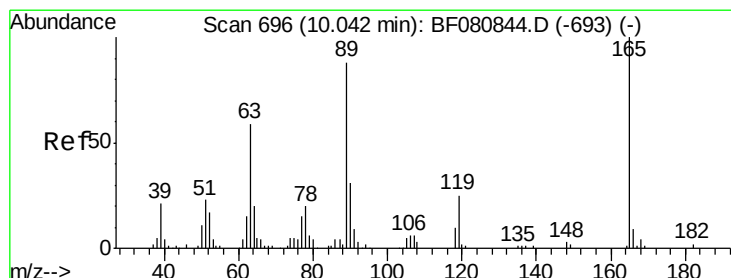
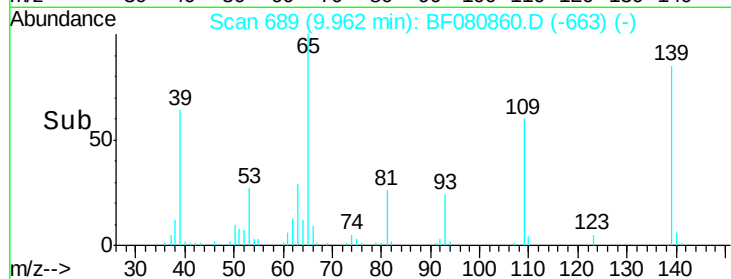
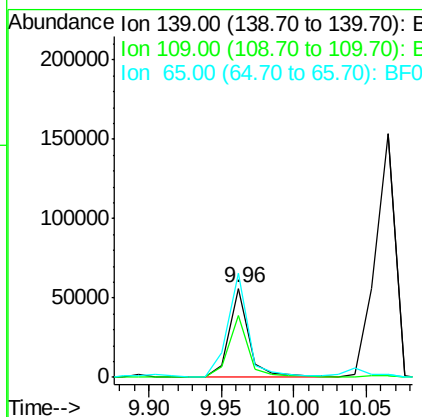
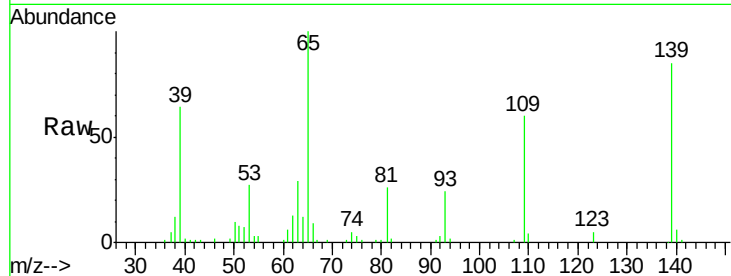
#55  
 4-Nitrophenol  
 Concen: 41.09 ng  
 RT: 9.96 min Scan# 689  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 53919 |       |       |
| 109     | 70.4  | 54.4  | 94.4  |       |
| 65      | 117.5 | 103.0 | 143.0 |       |

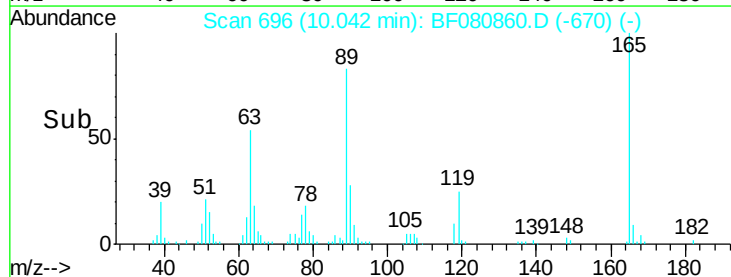
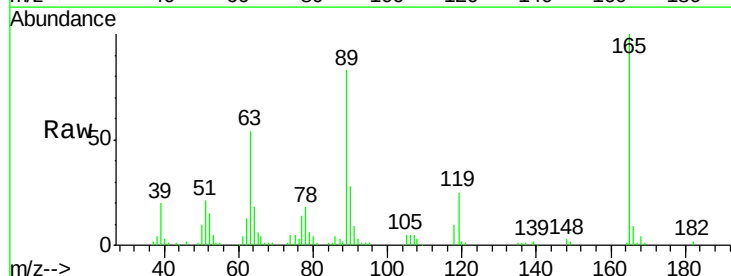
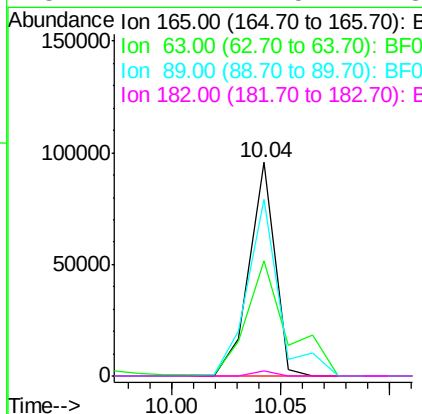
Manual Integrations  
 APPROVED

MMDadoda  
 8/5/2015 7:01:14 PM

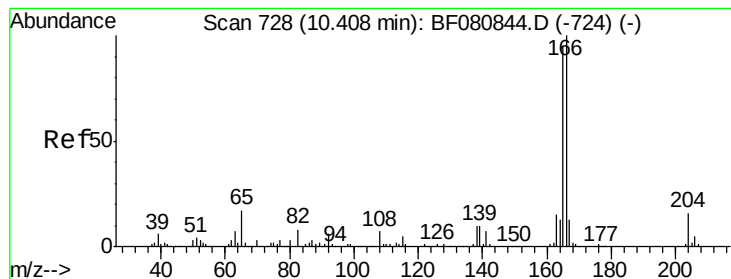


#56  
 2,4-Dinitrotoluene  
 Concen: 41.51 ng  
 RT: 10.04 min Scan# 696  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 79137 |       |       |
| 63      | 54.1  | 47.2  | 70.8  |       |
| 89      | 82.9  | 70.2  | 105.2 |       |
| 182     | 2.1   | 1.5   | 2.3   |       |







#57

Fluorene

Concen: 38.58 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080860.D

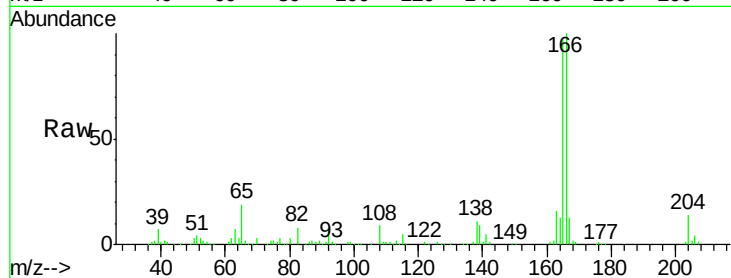
Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:166 Resp: 275929

Ion Ratio Lower Upper

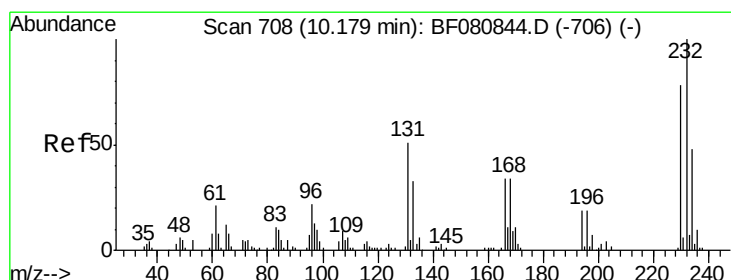
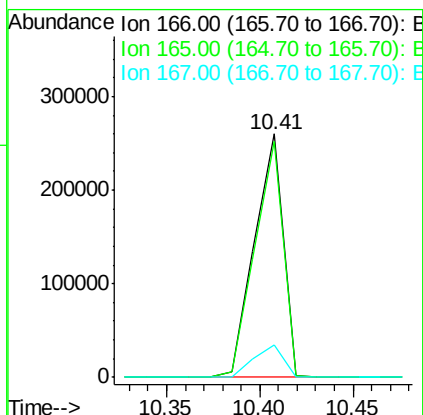
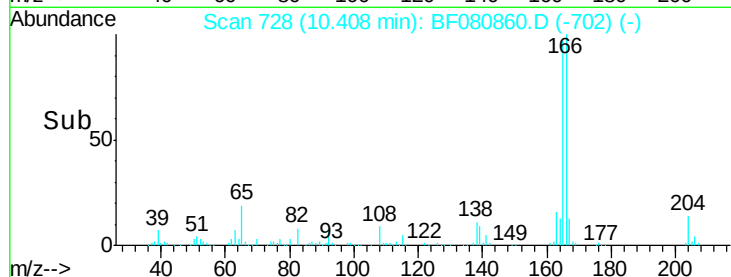
166 100

165 96.9 76.2 114.2

167 13.2 10.4 15.6

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.91 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

Tgt Ion:232 Resp: 67428

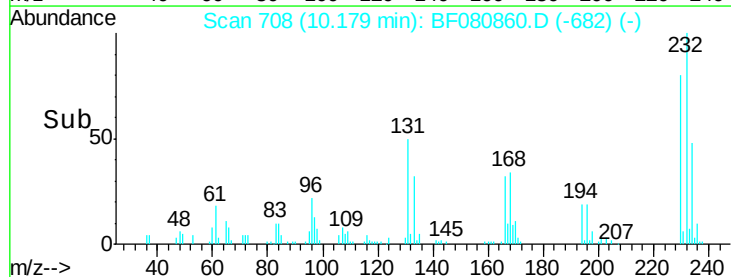
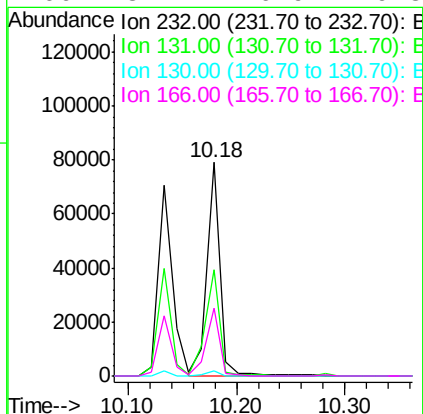
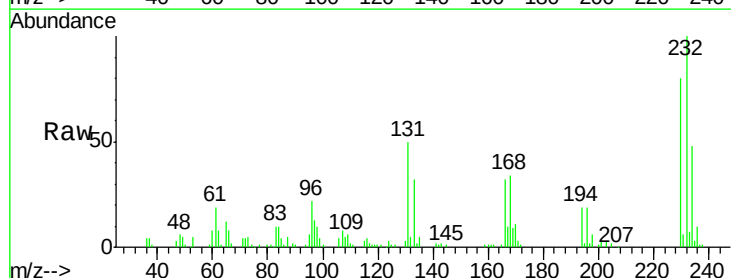
Ion Ratio Lower Upper

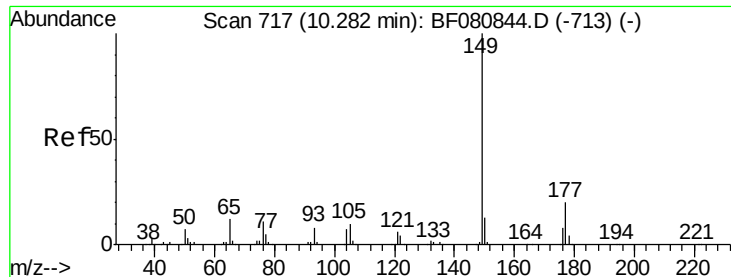
232 100

131 53.8 43.7 65.5

130 2.6 1.9 2.9

166 32.4 26.9 40.3





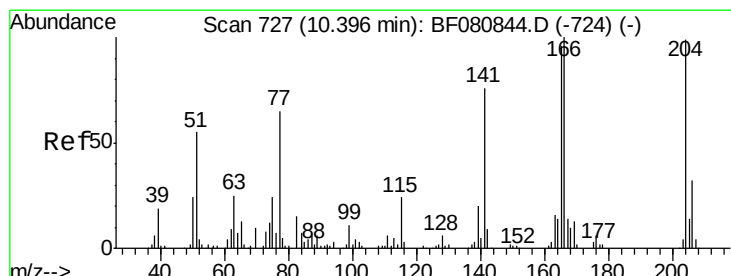
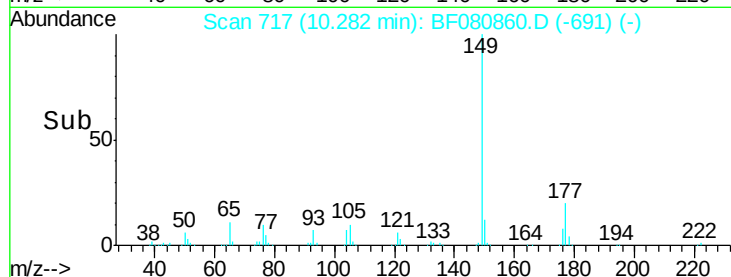
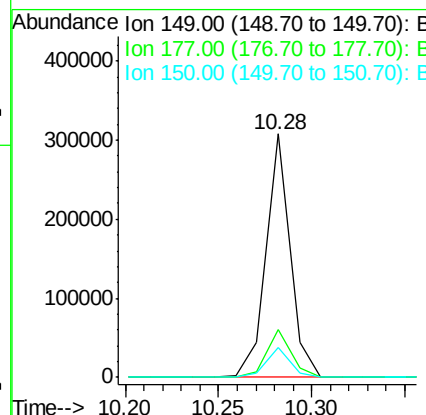
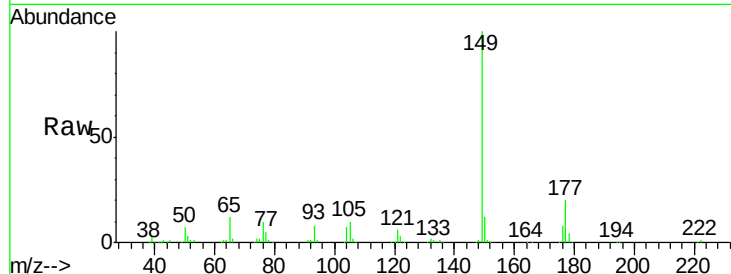
#59  
Diethylphthalate  
Concen: 38.16 ng  
RT: 10.28 min Scan# 717  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 19.7  | 15.8       | 23.8       |
| 150     | 12.1  | 10.2       | 15.2       |

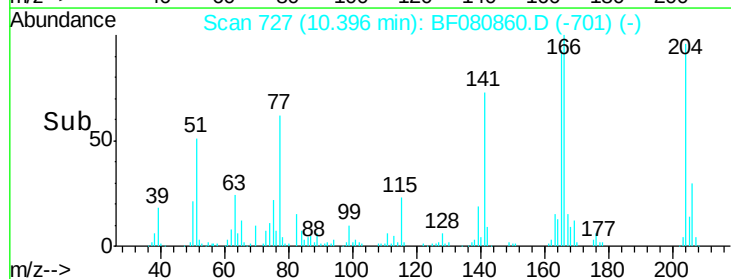
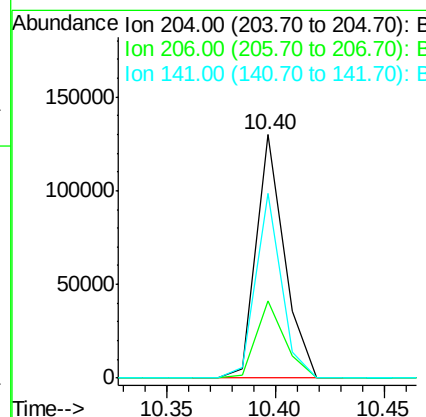
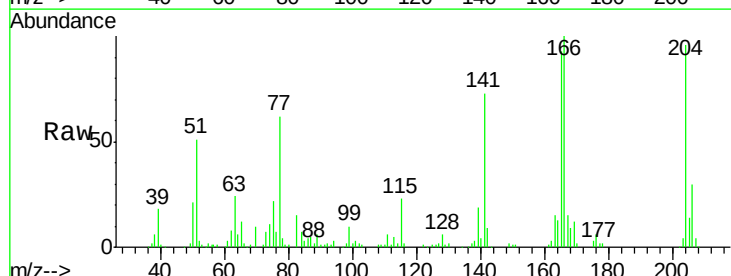
Manual Integrations  
APPROVED

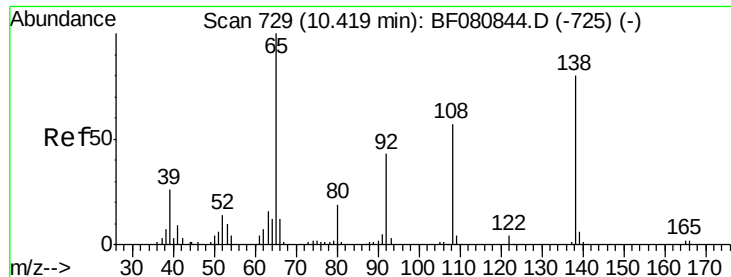
MMDadoda  
8/5/2015 7:01:14 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 39.92 ng  
RT: 10.40 min Scan# 727  
Delta R.T. 0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 31.6  | 25.8       | 38.8       |
| 141     | 76.0  | 61.4       | 92.2       |





#61

4-Nitroaniline

Concen: 42.22 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

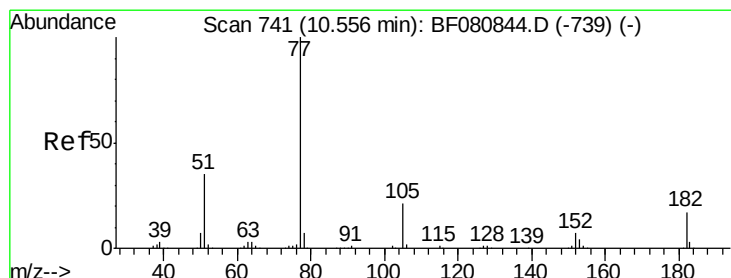
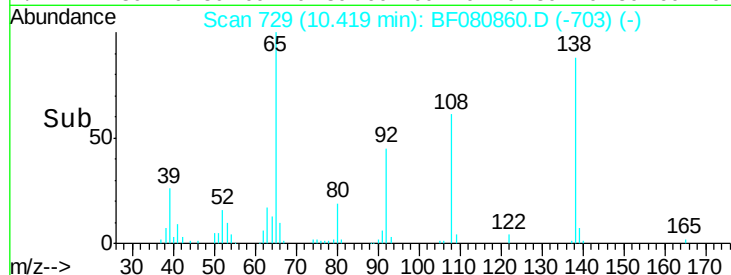
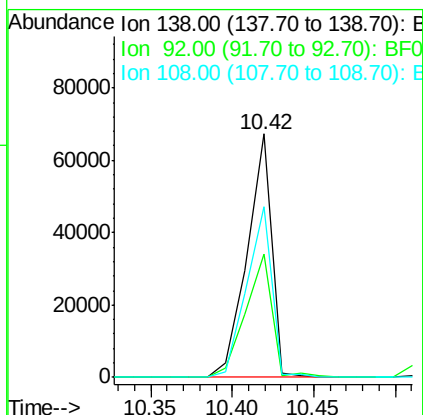
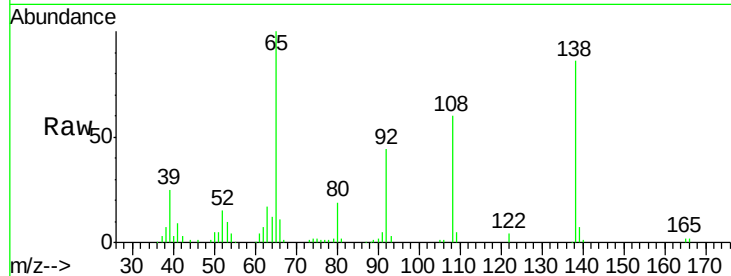
ClientSampleId :

SSTDCCC040EC

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 70287 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 50.6  | 33.5  | 73.5  |
| 108       | 70.2  | 52.3  | 92.3  |



#62

Azobenzene

Concen: 37.13 ng

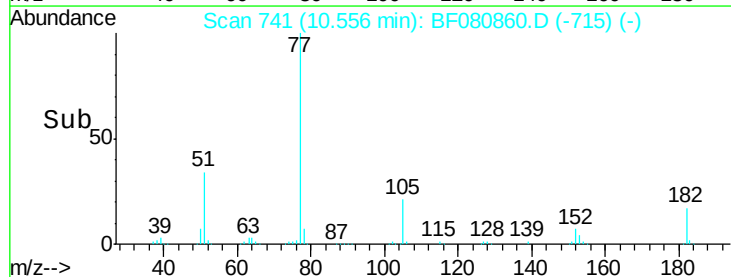
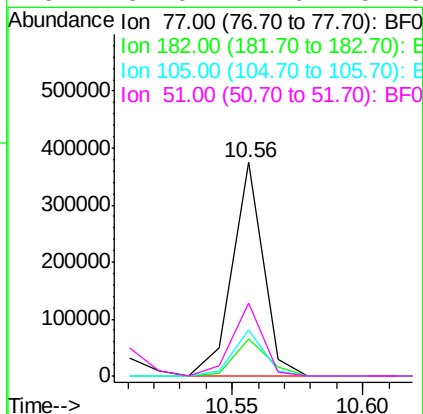
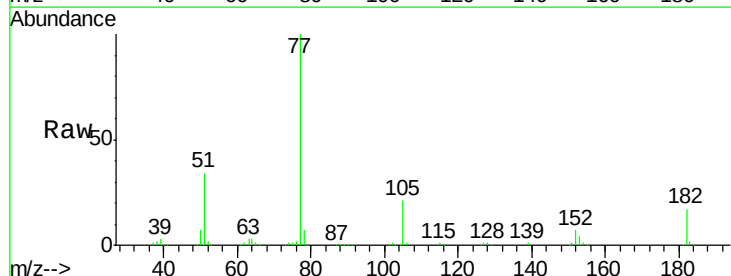
RT: 10.56 min Scan# 741

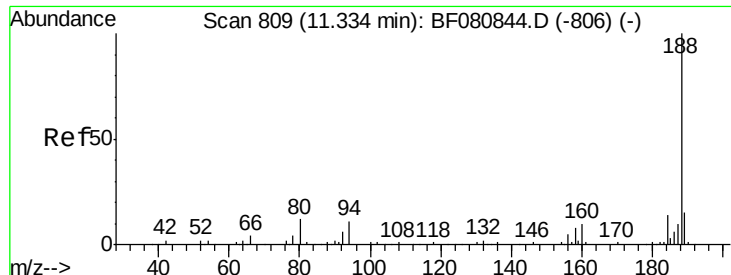
Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 310437 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 17.5  | 0.0   | 37.0   |
| 105       | 21.4  | 1.3   | 41.3   |
| 51        | 34.0  | 14.6  | 54.6   |





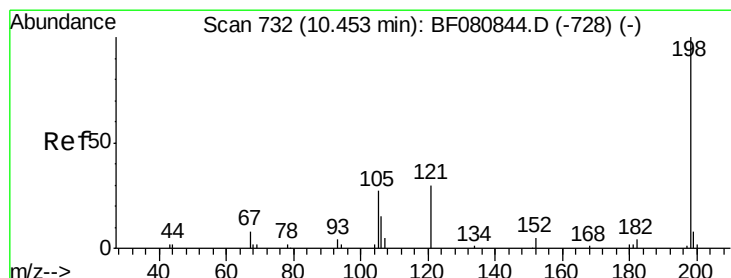
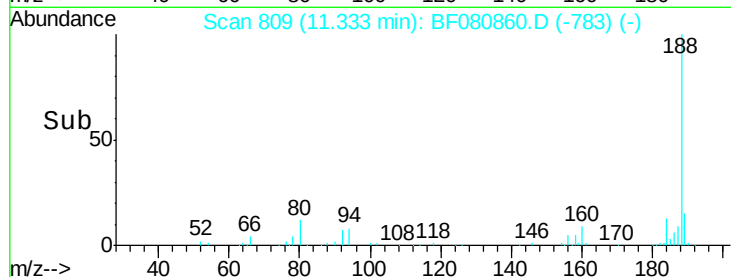
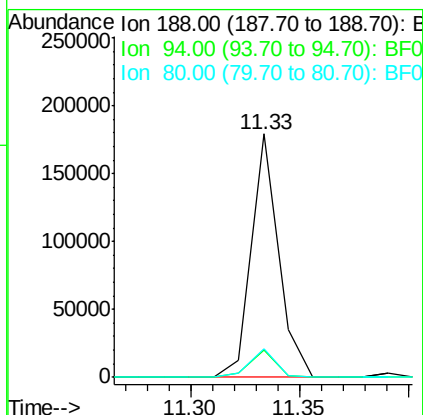
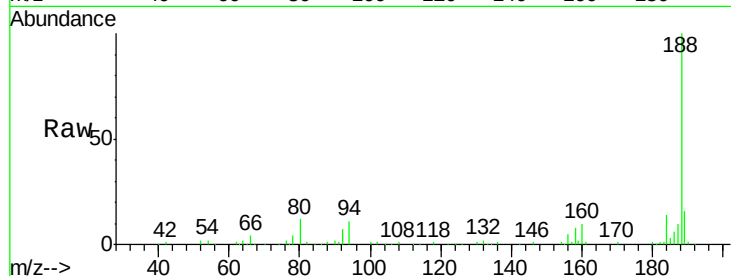
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.33 min Scan# 809  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 155416 |       |       |
| 94      | 11.3  | 8.6    | 12.8  |       |
| 80      | 11.9  | 9.3    | 13.9  |       |

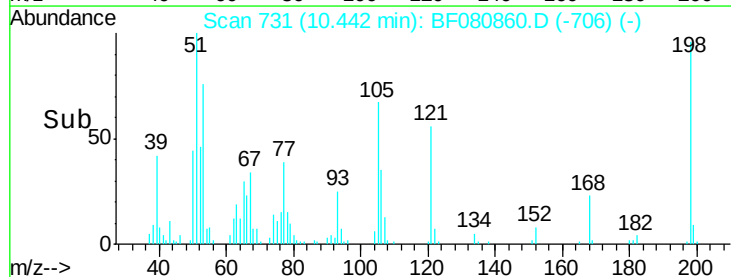
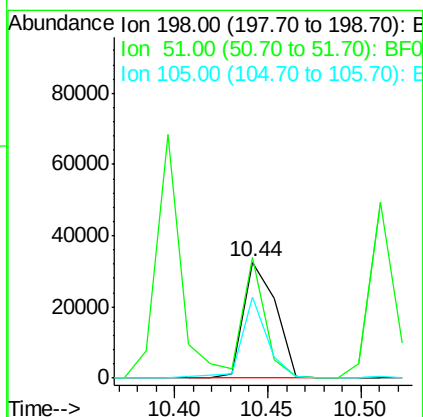
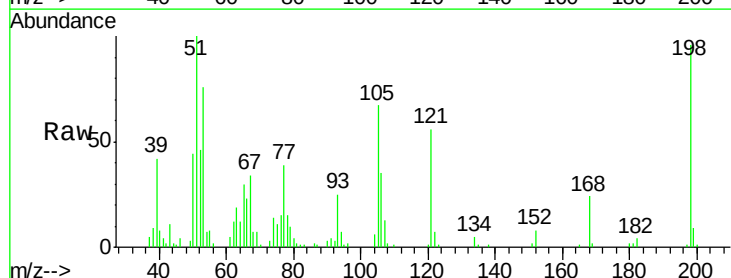
Manual Integrations  
 APPROVED

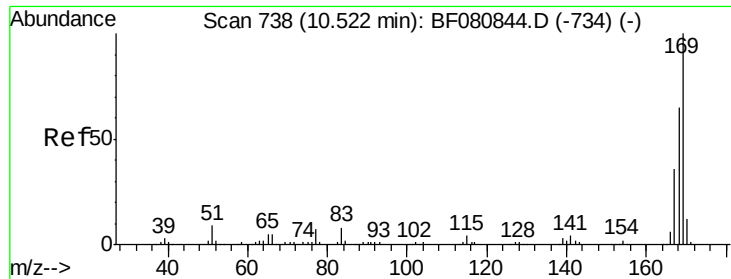
MMDadoda  
 8/5/2015 7:01:14 PM



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.76 ng  
 RT: 10.44 min Scan# 731  
 Delta R.T. -0.01 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 38754 |       |       |
| 51      | 104.0 | 4.7   | 44.7# |       |
| 105     | 69.7  | 8.5   | 48.5# |       |





#65

n-Nitrosodiphenylamine

Concen: 36.62 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF080860.D

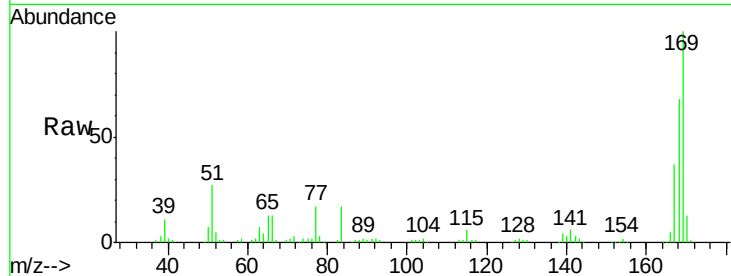
Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

ClientSampleId :

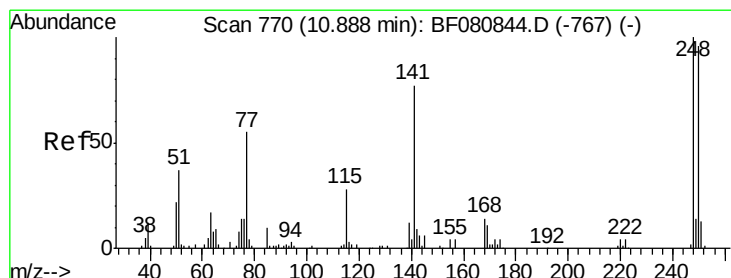
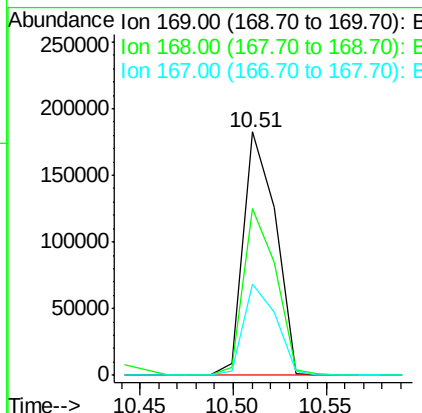
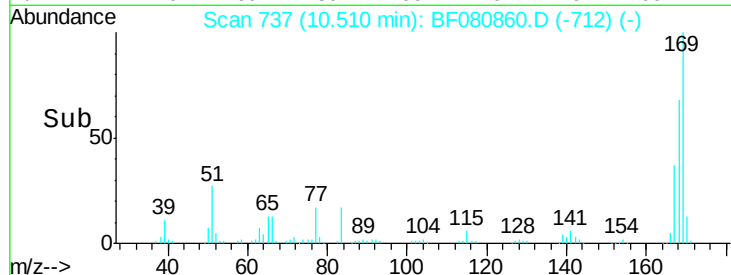
SSTDCCC040EC



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 218036 |       |       |
| 168     | 68.3  | 52.2   | 78.4  |       |
| 167     | 37.4  | 29.2   | 43.8  |       |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#66

4-Bromophenyl-phenylether

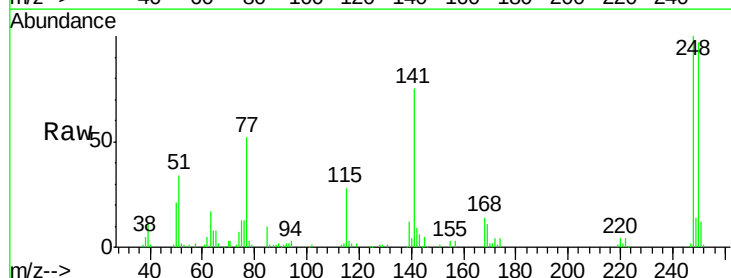
Concen: 42.67 ng

RT: 10.89 min Scan# 770

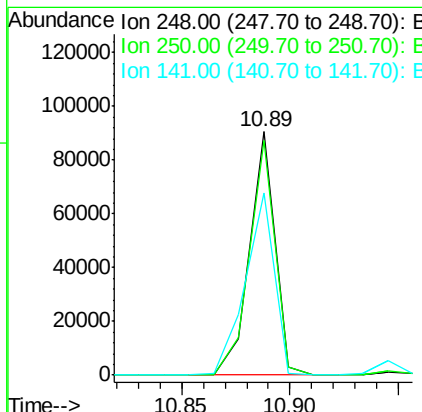
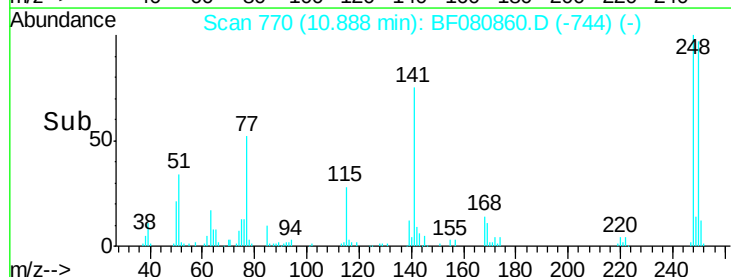
Delta R.T. -0.00 min

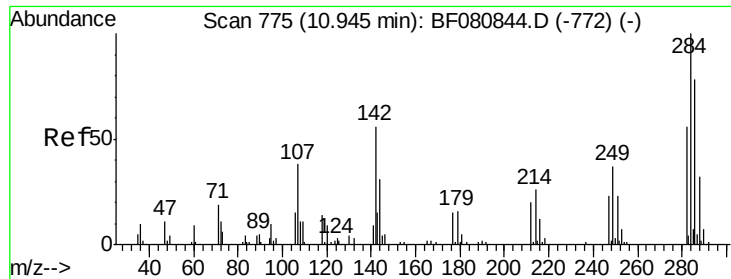
Lab File: BF080860.D

Acq: 5 Aug 2015 2:30



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 73388 |       |       |
| 250     | 96.5  | 77.2  | 115.8 |       |
| 141     | 75.0  | 61.4  | 92.0  |       |





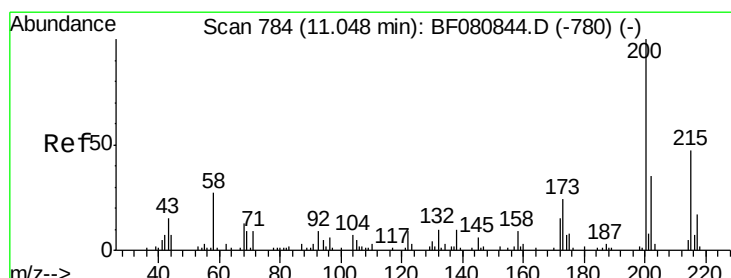
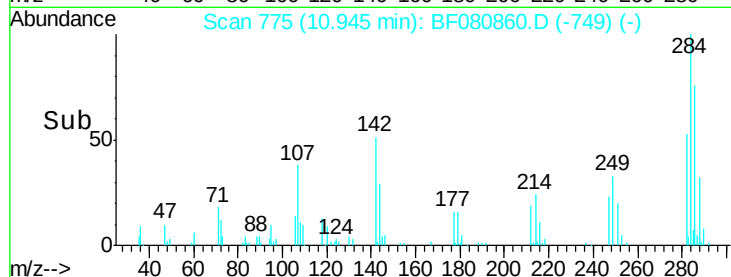
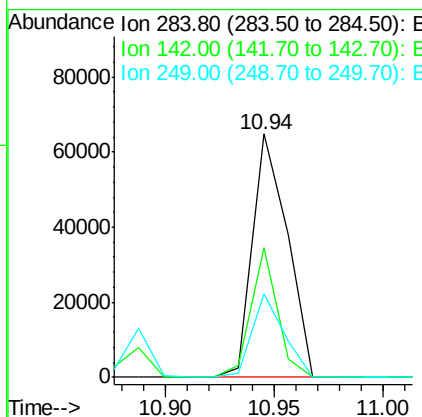
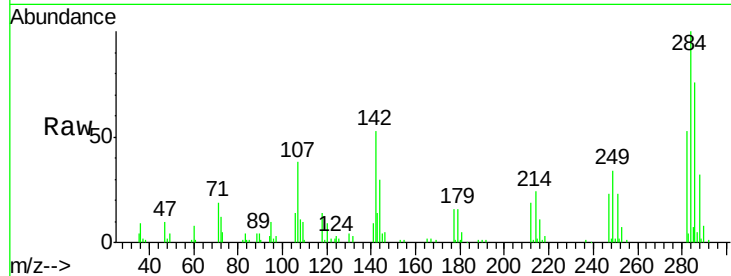
#67  
Hexachlorobenzene  
Concen: 38.44 ng  
RT: 10.94 min Scan# 775  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 284     | 100   |            |       |
| 142     | 53.2  | 44.4       | 66.6  |
| 249     | 34.3  | 29.3       | 43.9  |

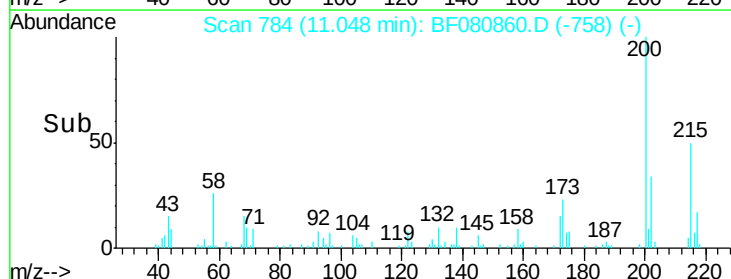
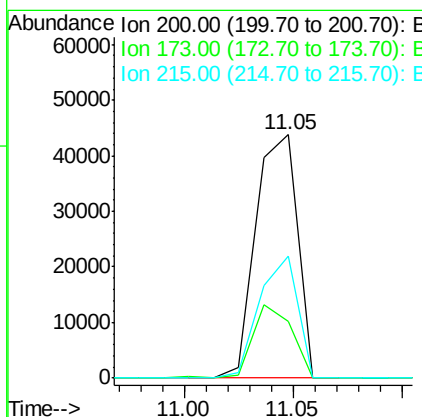
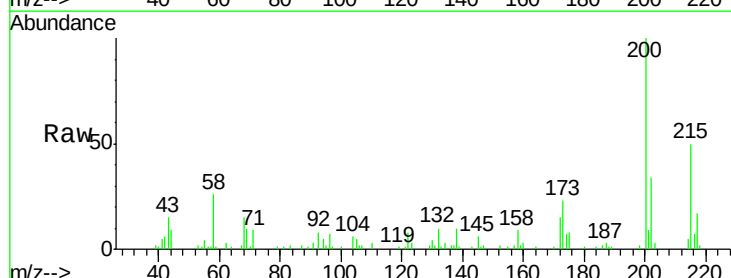
Manual Integrations  
APPROVED

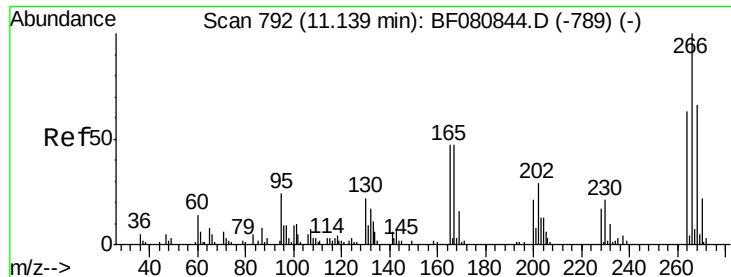
MMDadoda  
8/5/2015 7:01:14 PM



#68  
Atrazine  
Concen: 37.77 ng  
RT: 11.05 min Scan# 784  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 23.4  | 4.8        | 44.8  |
| 215     | 49.9  | 27.1       | 67.1  |





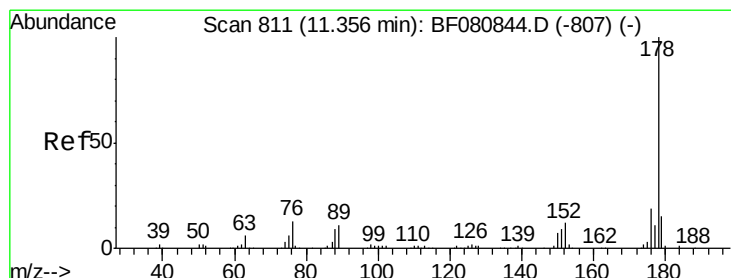
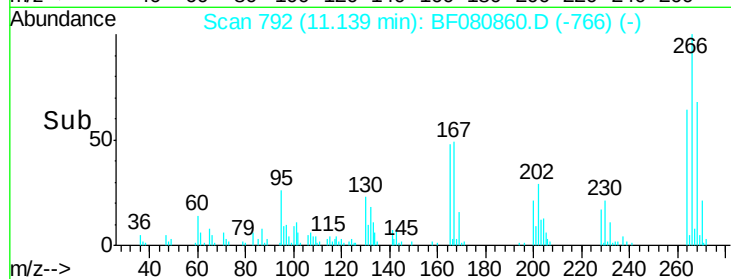
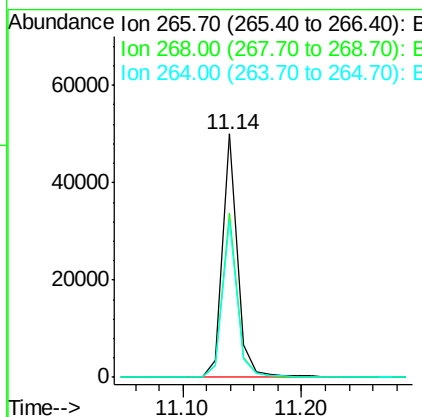
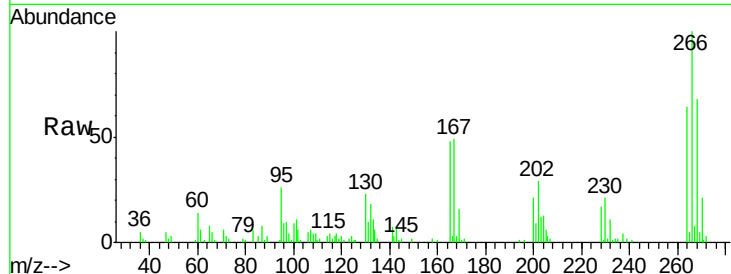
#69  
 Pentachlorophenol  
 Concen: 42.45 ng  
 RT: 11.14 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 43463 |       |       |
| 268     | 67.7  | 52.6  | 78.8  |       |
| 264     | 64.4  | 50.7  | 76.1  |       |

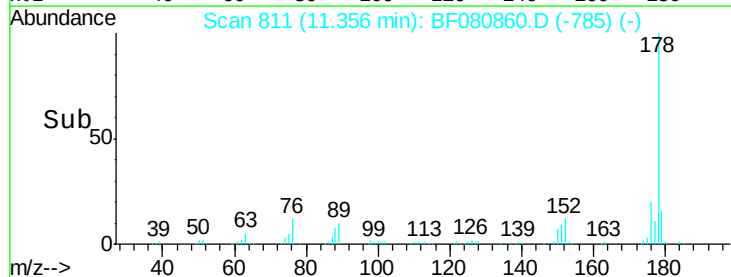
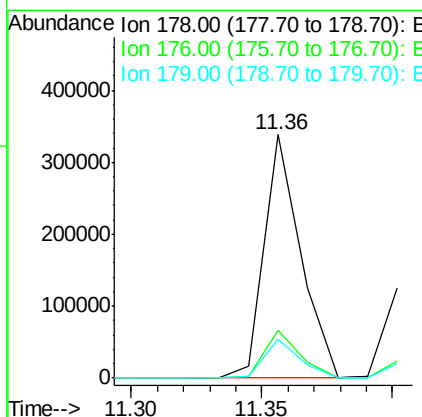
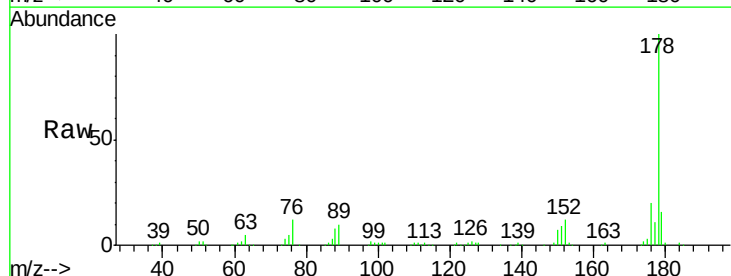
Manual Integrations  
 APPROVED

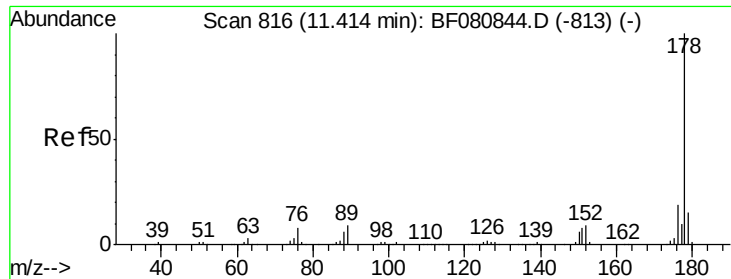
MMDadoda  
 8/5/2015 7:01:14 PM



#70  
 Phenanthrene  
 Concen: 36.74 ng  
 RT: 11.36 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 329942 |       |       |
| 176     | 19.7  | 15.3   | 22.9  |       |
| 179     | 15.7  | 12.3   | 18.5  |       |





#71

Anthracene

Concen: 42.86 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF080860.D

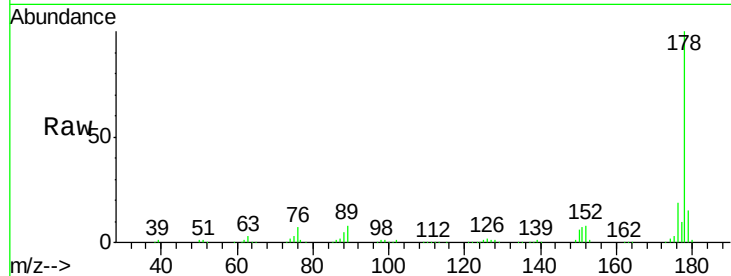
Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

ClientSampleId :

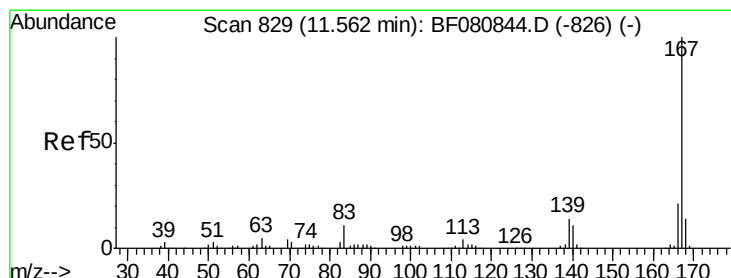
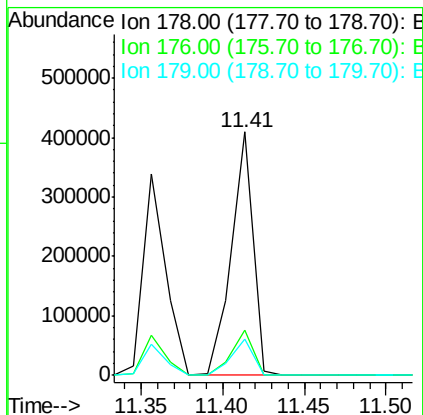
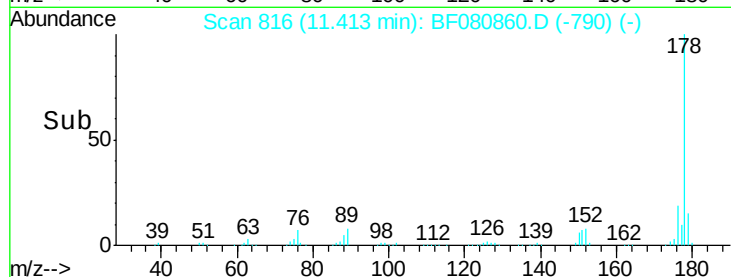
SSTDCCC040EC



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 15.4  | 23.2  |
| 179     | 15.0  | 12.2  | 18.4  |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#72

Carbazole

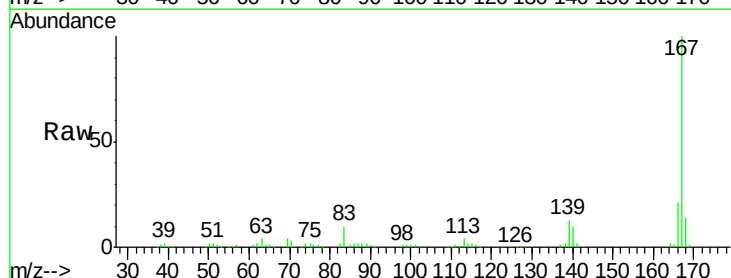
Concen: 36.93 ng

RT: 11.56 min Scan# 829

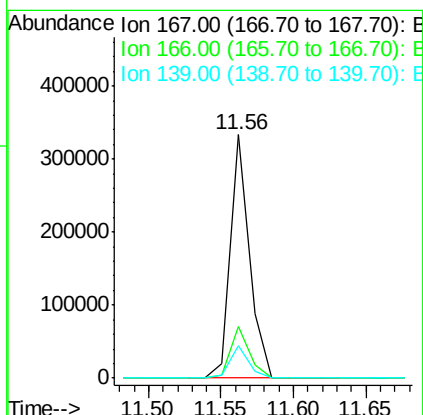
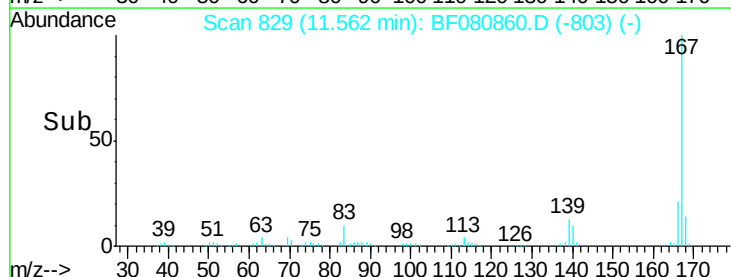
Delta R.T. -0.00 min

Lab File: BF080860.D

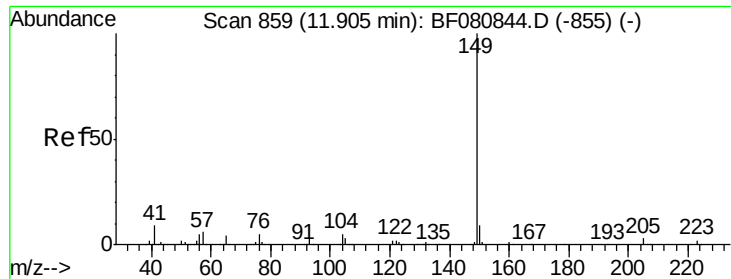
Acq: 5 Aug 2015 2:30



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.1  | 16.6  | 25.0  |
| 139     | 13.5  | 11.3  | 16.9  |







#73

Di-n-butylphthalate

Concen: 43.09 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF080860.D

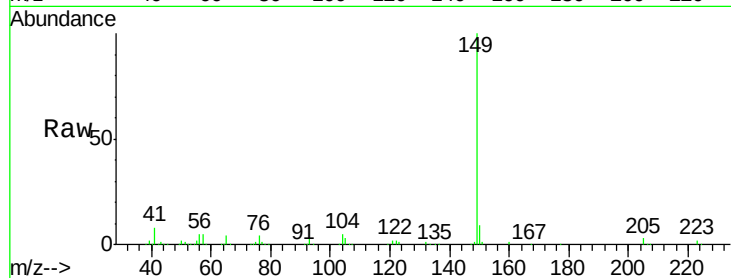
Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

ClientSampleId :

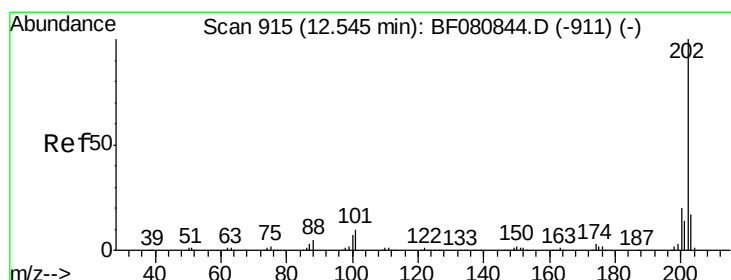
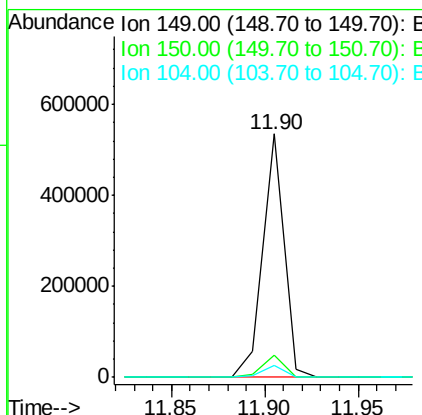
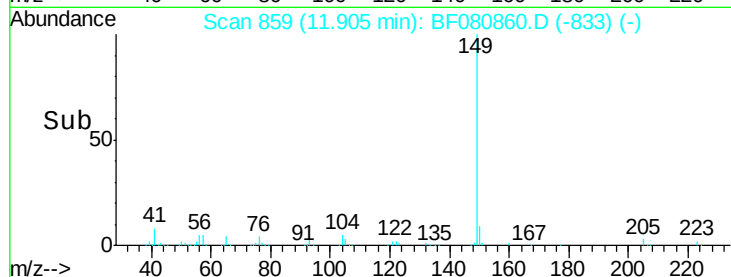
SSTDCCC040EC



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 419902 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.2   | 7.4   | 11.2   |
| 104       | 4.7   | 3.9   | 5.9    |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#74

Fluoranthene

Concen: 41.45 ng

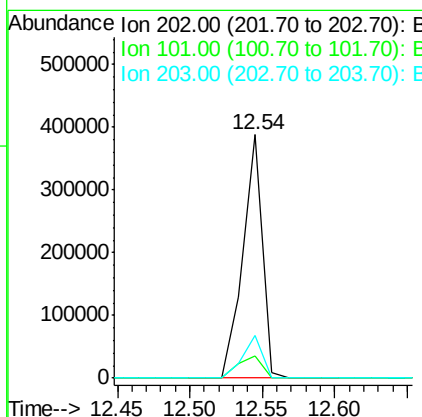
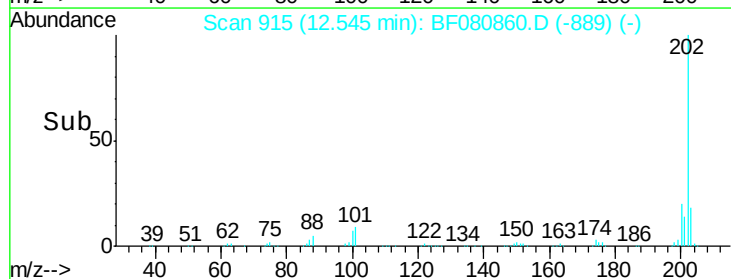
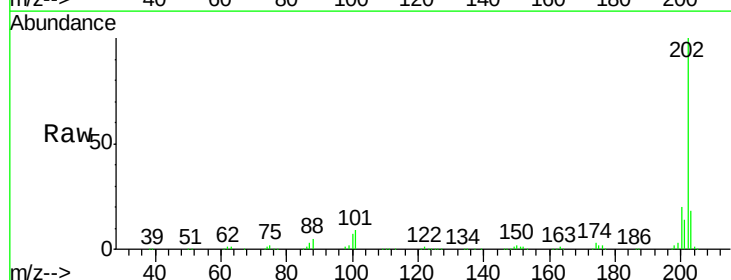
RT: 12.54 min Scan# 915

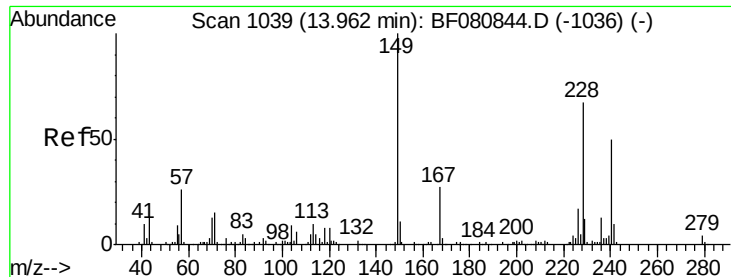
Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 362552 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 8.9   | 0.0   | 29.9   |
| 203       | 17.5  | 0.0   | 37.4   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

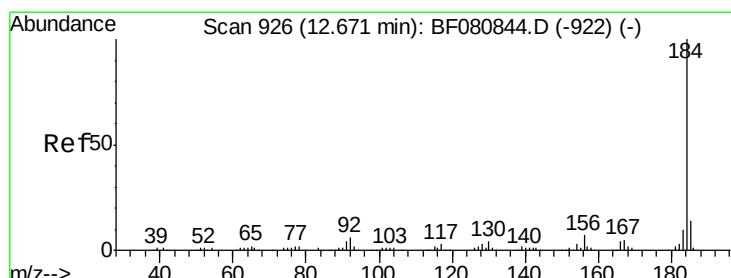
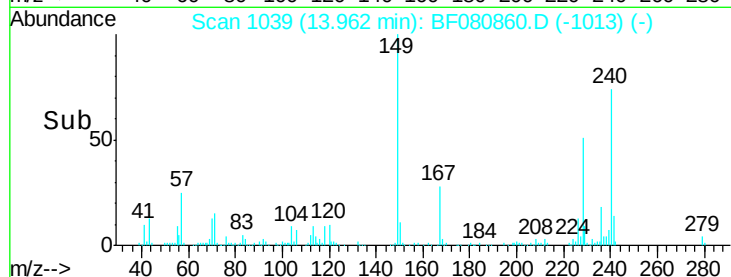
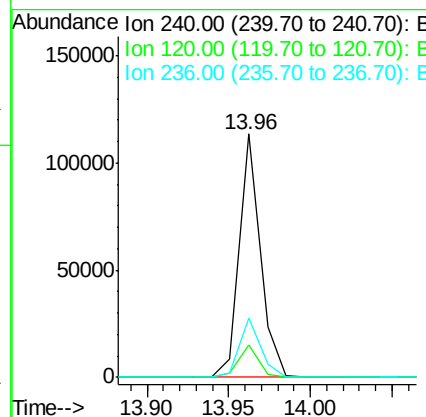
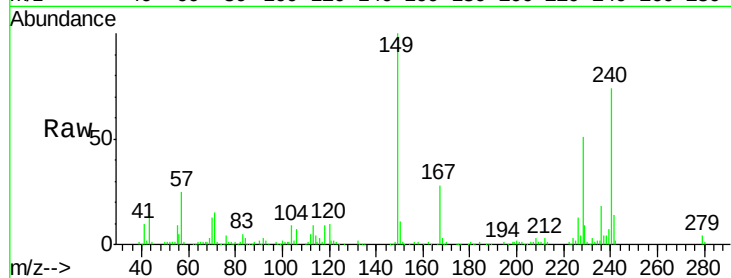
ClientSampleId :

SSTDCCC040EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 240  | Resp: | 100968 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 13.1 | 13.0  | 19.6   |
| 236       | 24.5 | 20.7  | 31.1   |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#76

Benzidine

Concen: 37.96 ng

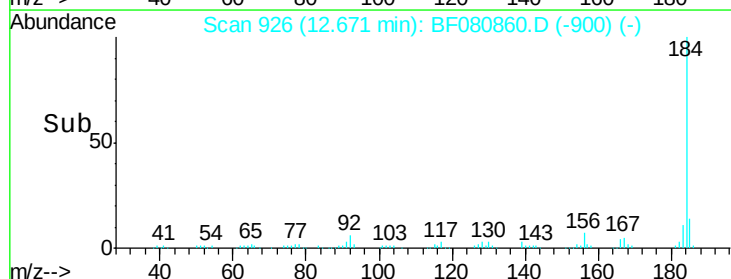
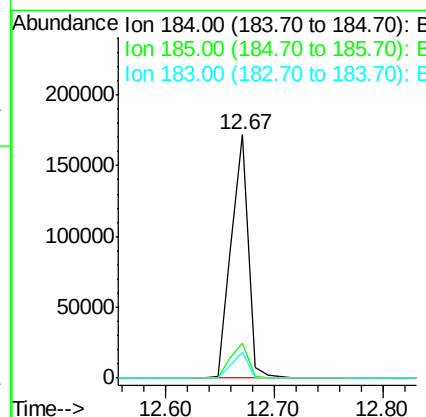
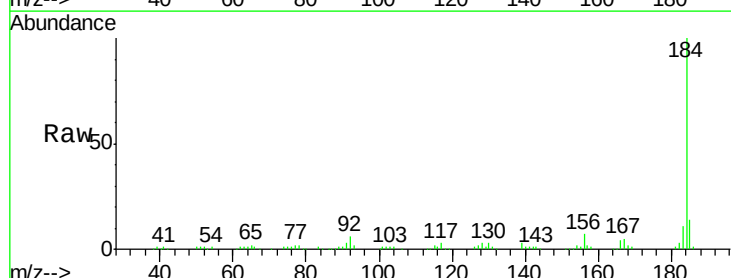
RT: 12.67 min Scan# 926

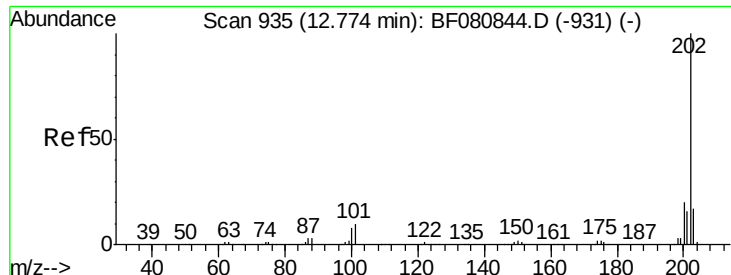
Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 184  | Resp: | 185513 |
| Ion Ratio |      | Lower | Upper  |
| 184       | 100  |       |        |
| 185       | 14.3 | 11.4  | 17.2   |
| 183       | 10.8 | 8.4   | 12.6   |





#77

Pyrene

Concen: 40.33 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF080860.D

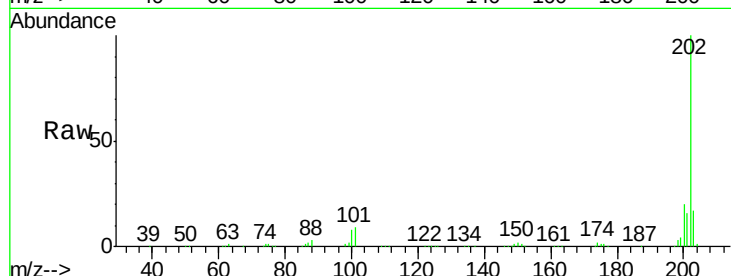
Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

ClientSampleId :

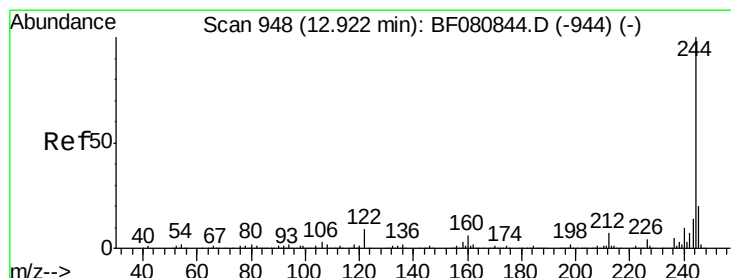
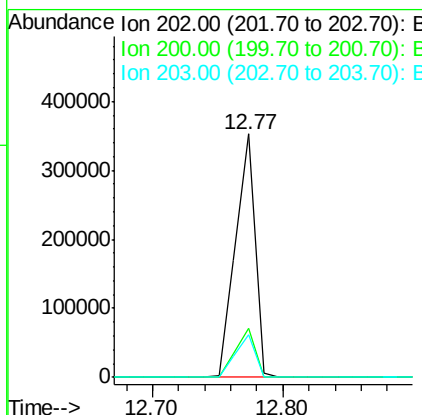
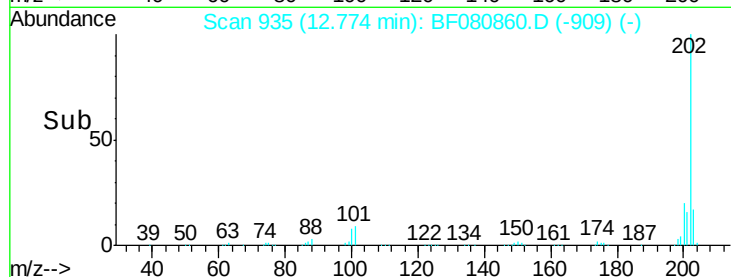
SSTDCCC040EC



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 365317 |       |       |
| 200     | 20.2  | 16.1   | 24.1  |       |
| 203     | 17.3  | 13.6   | 20.4  |       |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#78

Terphenyl-d14

Concen: 83.47 ng

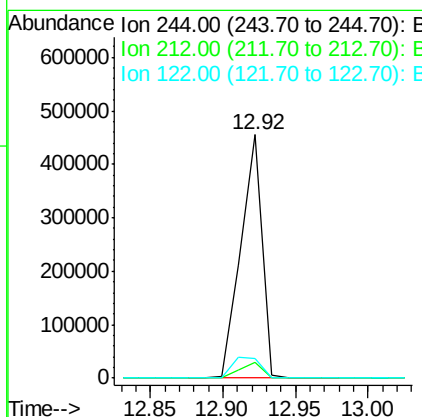
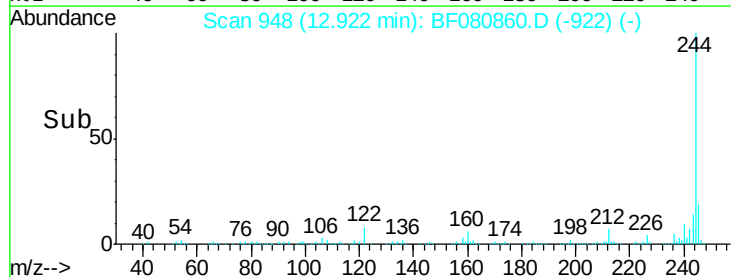
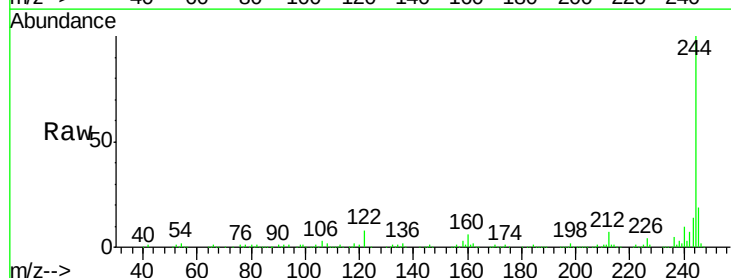
RT: 12.92 min Scan# 948

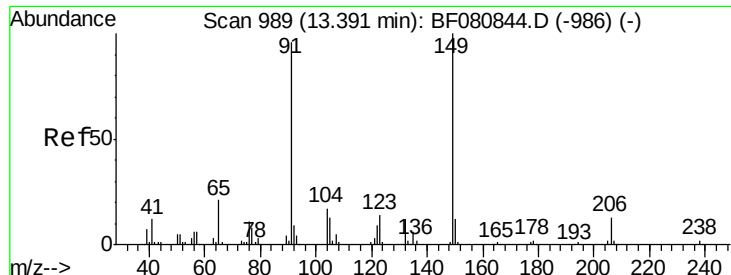
Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 465656 |       |       |
| 212     | 6.6   | 5.5    | 8.3   |       |
| 122     | 8.1   | 7.1    | 10.7  |       |





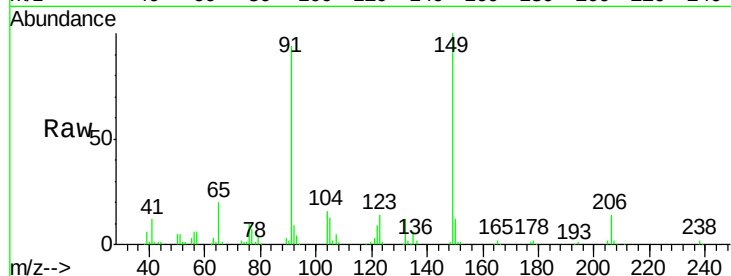
#79  
Butylbenzylphthalate  
Concen: 39.14 ng  
RT: 13.39 min Scan# 989  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

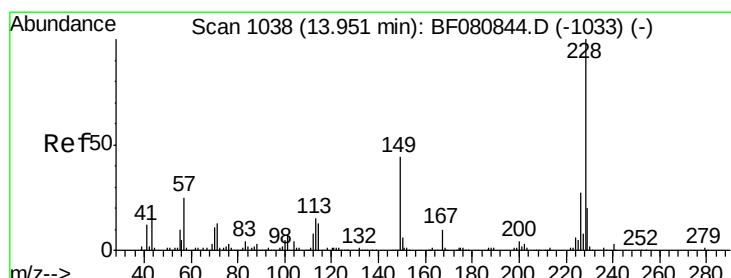
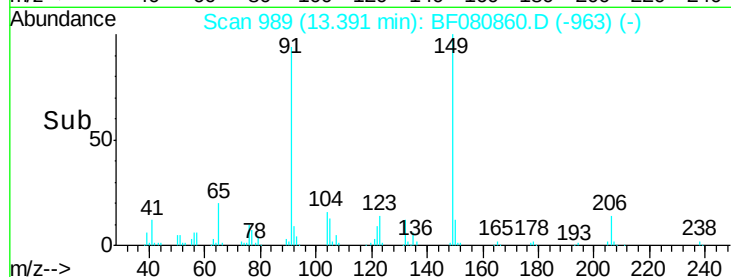
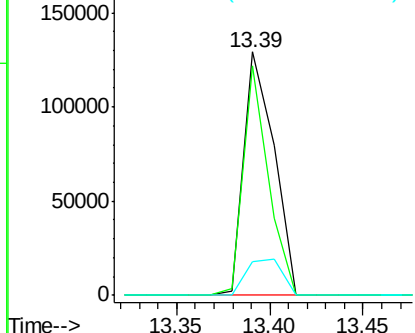
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 94.4  | 76.4       | 114.6      |
| 206     | 13.8  | 10.7       | 16.1       |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM

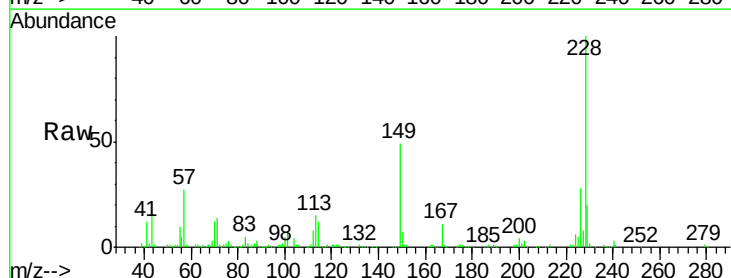


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

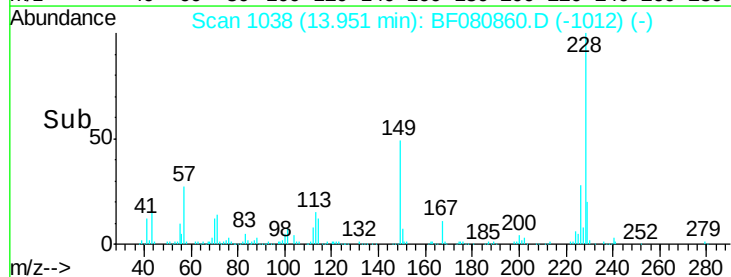
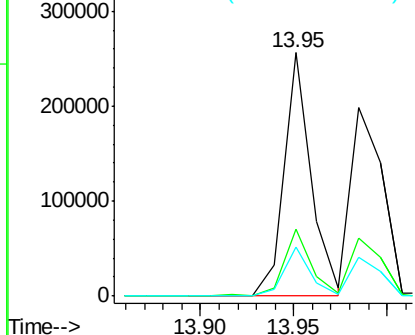


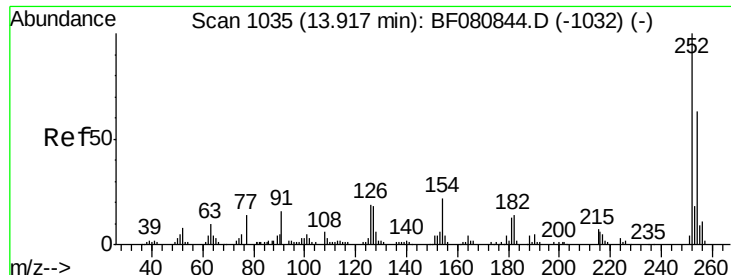
#80  
Benzo(a)anthracene  
Concen: 38.29 ng  
RT: 13.95 min Scan# 1038  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.6  | 21.5       | 32.3       |
| 229     | 20.0  | 16.2       | 24.2       |



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





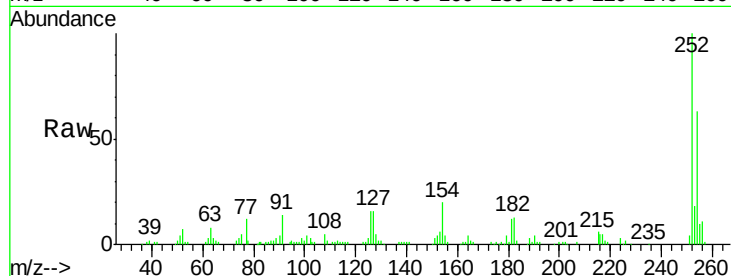
#81  
 3,3'-Dichlorobenzidine  
 Concen: 35.63 ng  
 RT: 13.92 min Scan# 1035  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

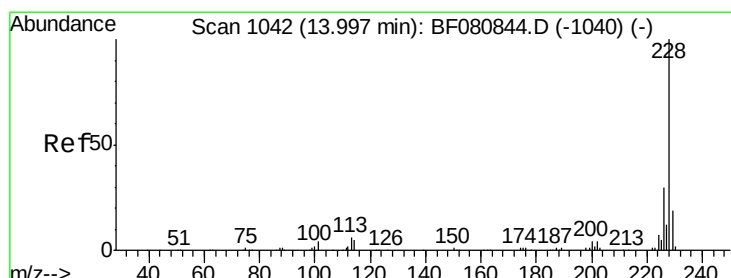
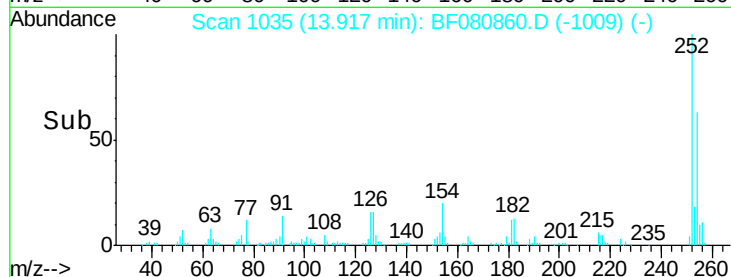
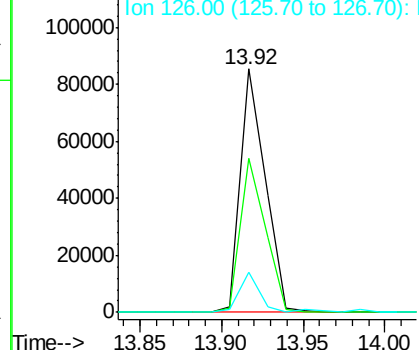
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 63.1  | 50.3       | 75.5       |
| 126     | 16.2  | 15.1       | 22.7       |

Manual Integrations  
 APPROVED

MMDadoda  
 8/5/2015 7:01:14 PM

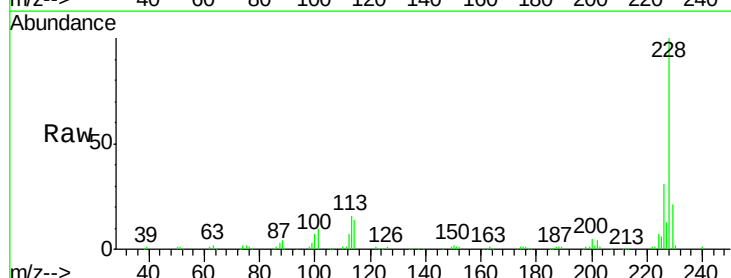


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

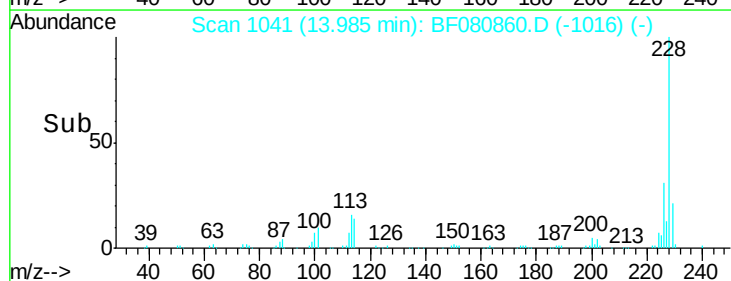
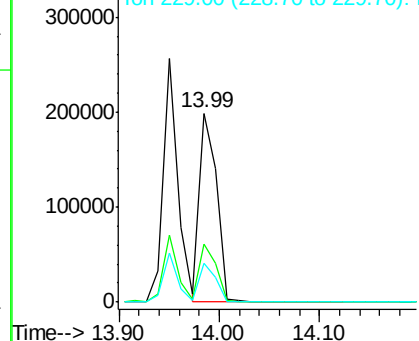


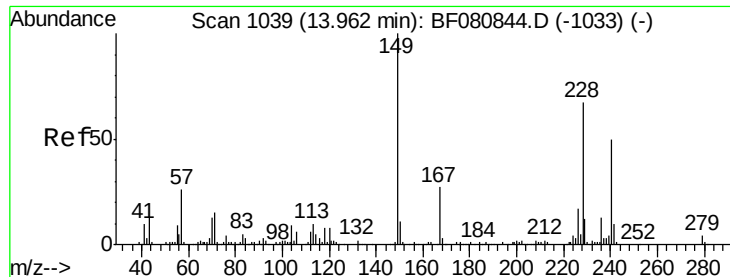
#82  
 Chrysene  
 Concen: 34.67 ng  
 RT: 13.99 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 31.0  | 23.6       | 35.4       |
| 229     | 20.6  | 15.1       | 22.7       |



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.69 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080860.D

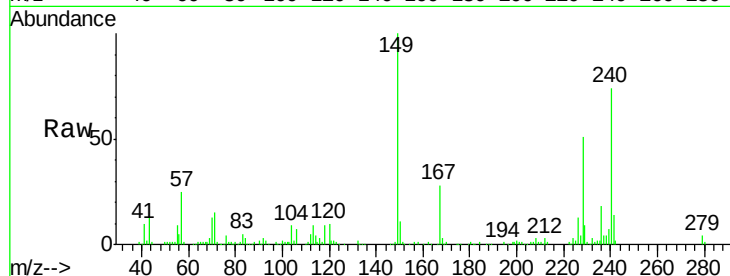
Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

ClientSampleId :

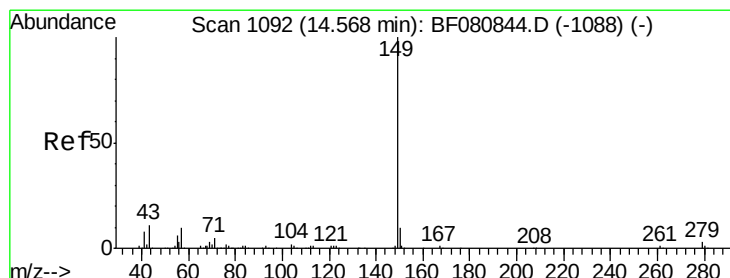
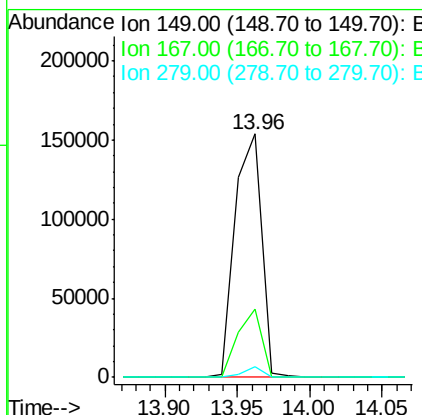
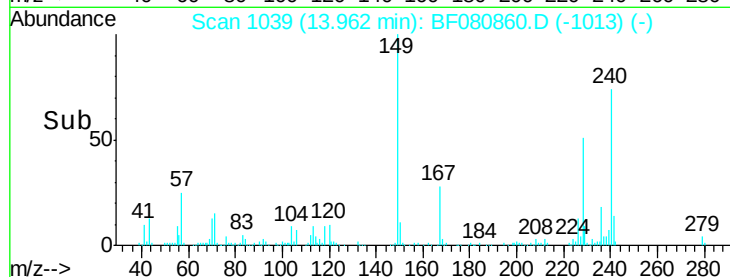
SSTDCCC040EC



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 196333 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.9  | 21.8  | 32.8   |
| 279       | 4.4   | 3.0   | 4.4    |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#84

Di-n-octyl phthalate

Concen: 40.66 ng

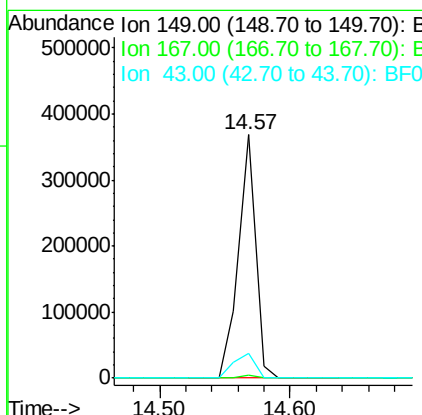
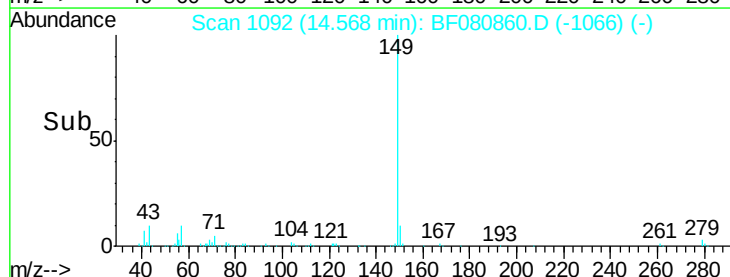
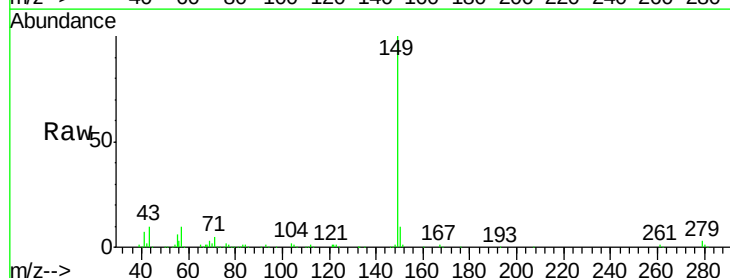
RT: 14.57 min Scan# 1092

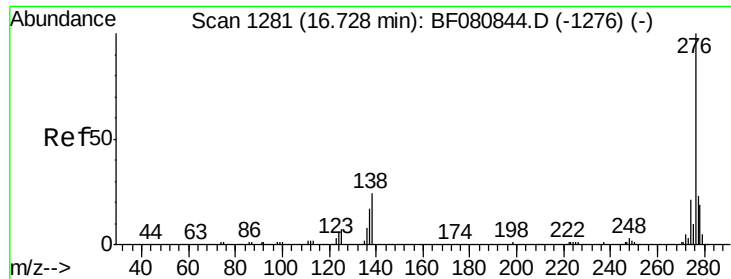
Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 338008 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.4   | 1.1   | 1.7    |
| 43        | 12.9  | 10.3  | 15.5   |





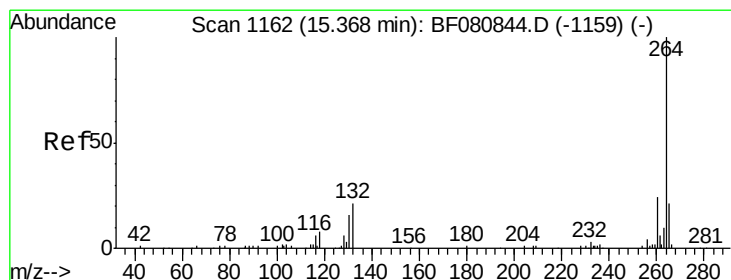
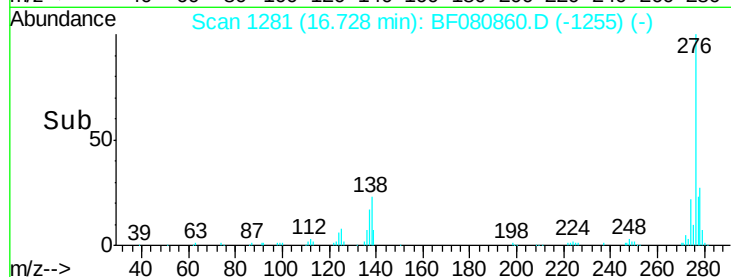
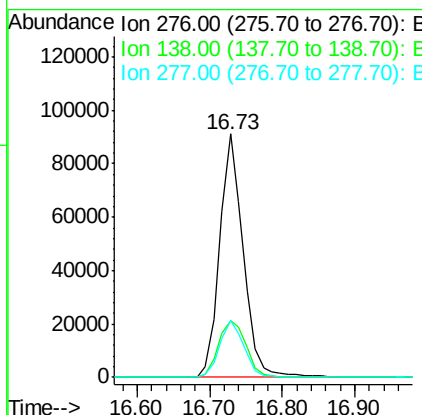
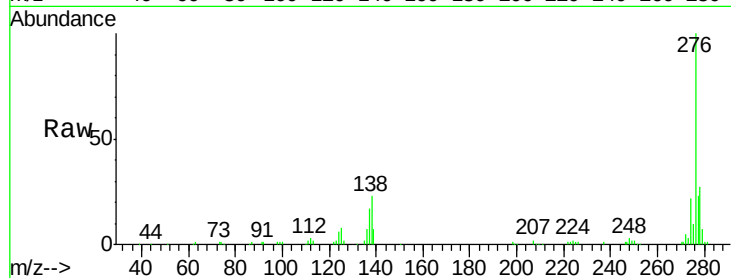
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 36.28 ng  
RT: 16.73 min Scan# 1281  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 27.2  | 21.6       | 32.4  |
| 277     | 24.0  | 19.6       | 29.4  |

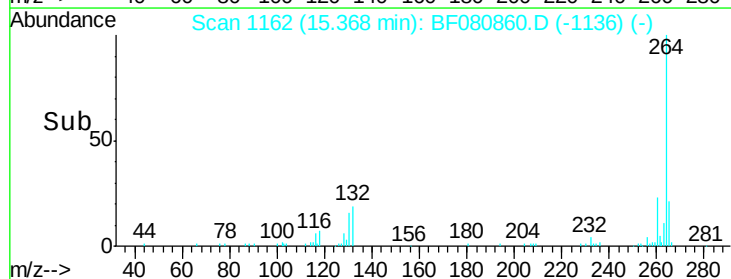
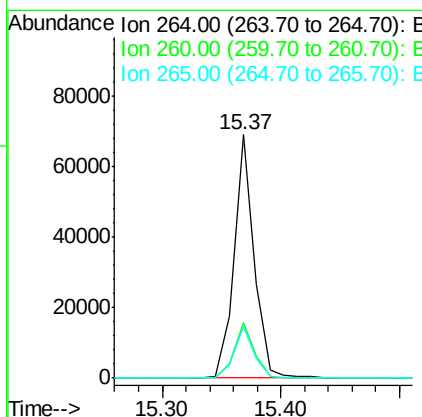
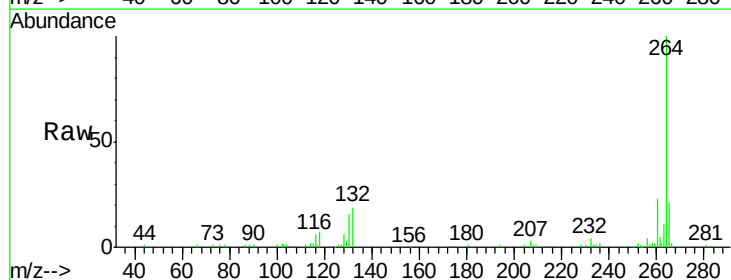
Manual Integrations  
APPROVED

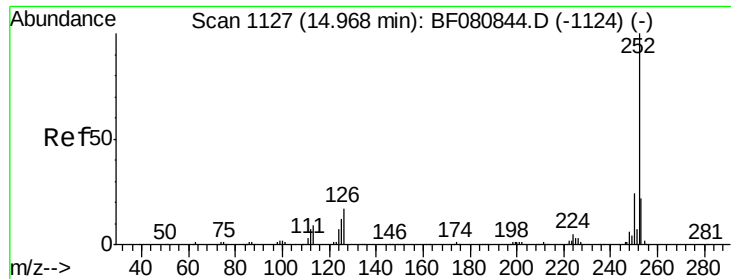
MMDadoda  
8/5/2015 7:01:14 PM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.37 min Scan# 1162  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 22.8  | 18.9       | 28.3  |
| 265     | 21.0  | 16.8       | 25.2  |





#87

Benzo(b)fluoranthene

Concen: 34.70 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

Instrument :

BNA\_F

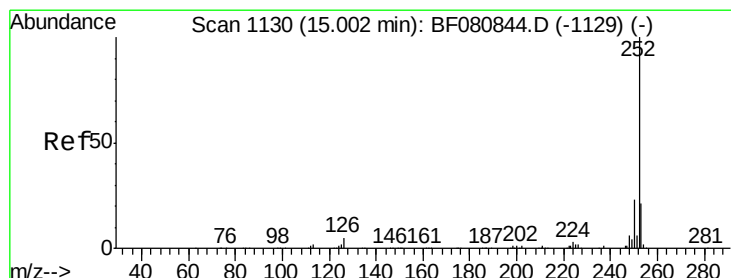
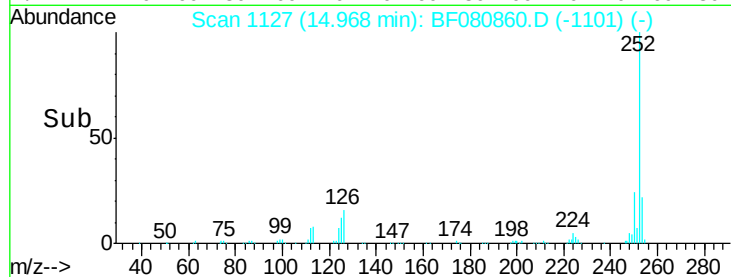
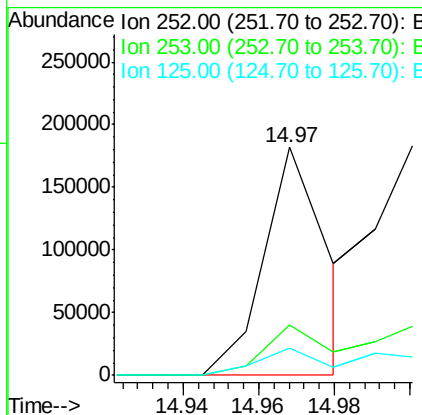
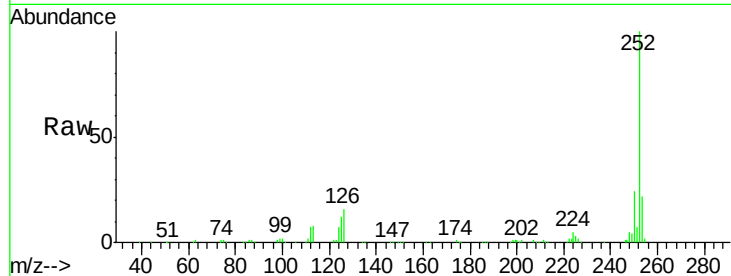
ClientSampleId :

SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.4  | 26.0  |
| 125     | 12.1  | 9.8   | 14.8  |

Manual Integrations  
APPROVED

MMDadoda  
8/5/2015 7:01:14 PM



#88

Benzo(k)fluoranthene

Concen: 48.91 ng m

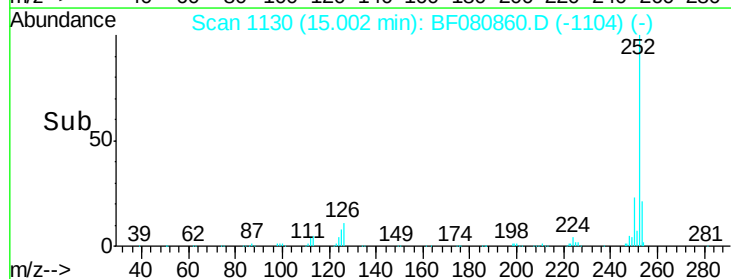
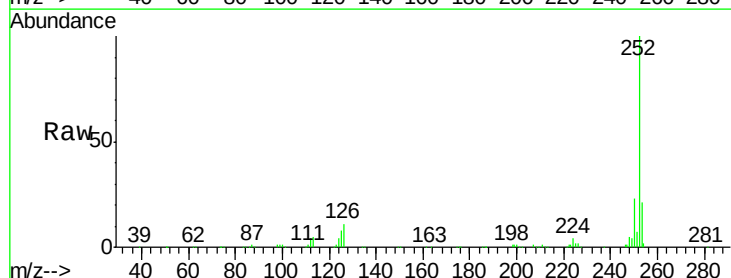
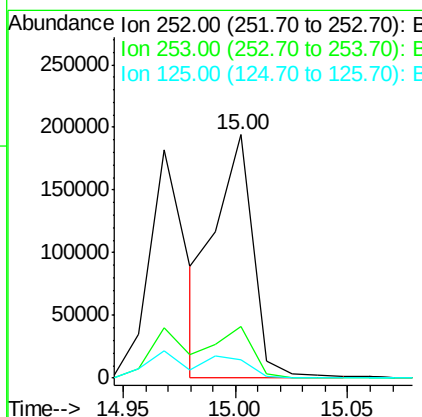
RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

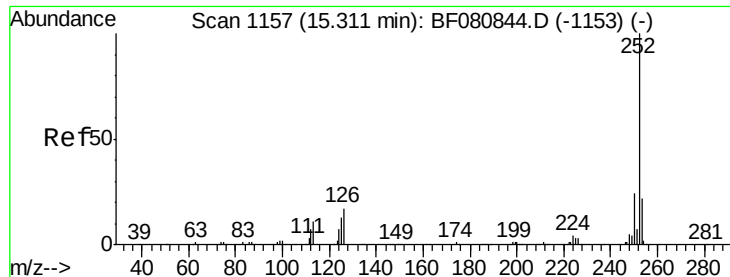
Lab File: BF080860.D

Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 16.9  | 25.3  |
| 125     | 7.6   | 7.0   | 10.6  |







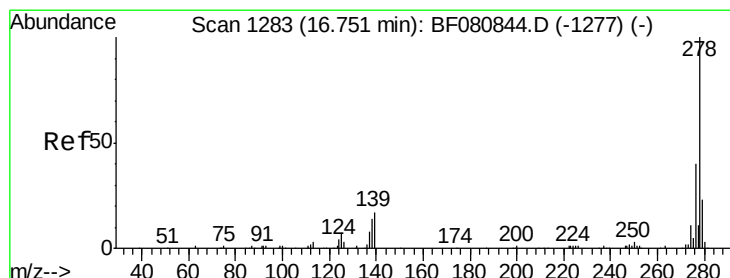
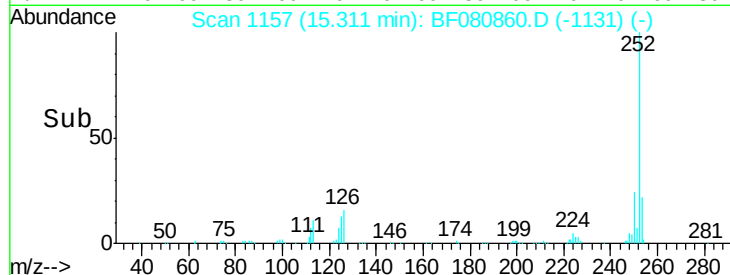
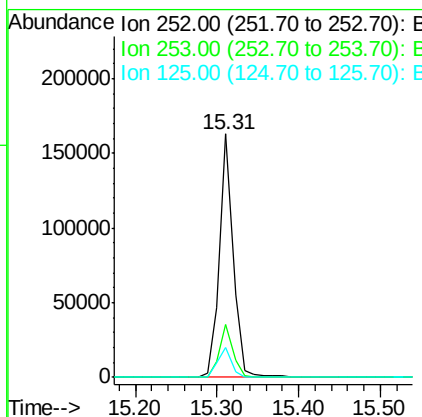
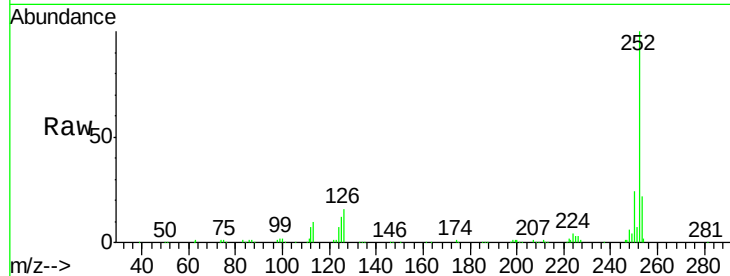
#89  
Benzo(a)pyrene  
Concen: 38.87 ng  
RT: 15.31 min Scan# 1157  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.4  | 26.0  |
| 125     | 12.4  | 10.6  | 16.0  |

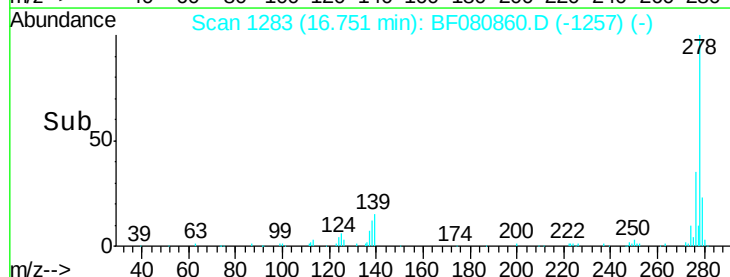
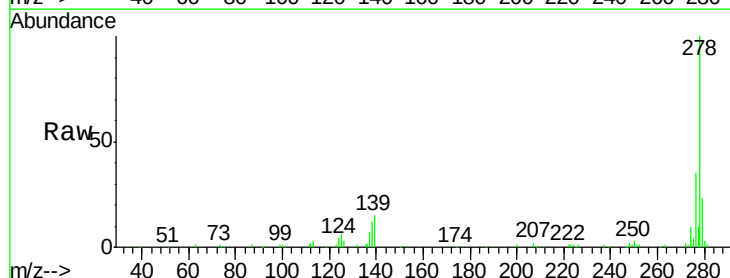
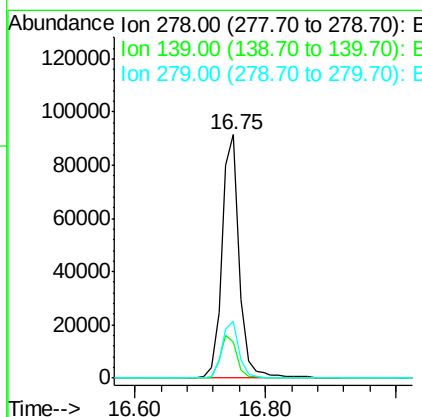
Manual Integrations  
APPROVED

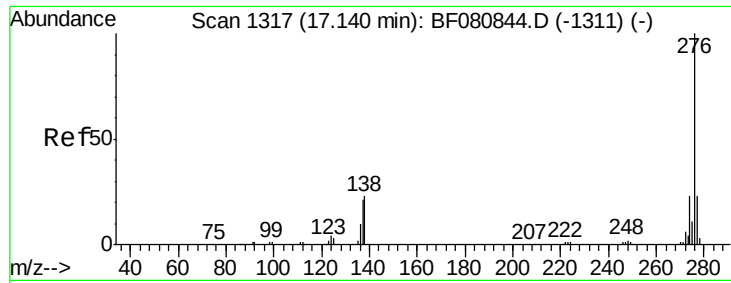
MMDadoda  
8/5/2015 7:01:14 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 39.49 ng  
RT: 16.75 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: BF080860.D  
Acq: 5 Aug 2015 2:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.7  | 13.4  | 20.0  |
| 279     | 23.3  | 18.4  | 27.6  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 41.88 ng  
 RT: 17.14 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: BF080860.D  
 Acq: 5 Aug 2015 2:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 173591 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 22.3 | 18.6  | 27.8   |
| 138       | 22.2 | 18.8  | 28.2   |

Manual Integrations  
 APPROVED

MMDadoda  
 8/5/2015 7:01:14 PM

