

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\  
 Data File : BF084802.D  
 Acq On : 3 Feb 2016 23:27  
 Operator : SJ/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

mohammad  
 2/4/2016 2:04:49 PM

Quant Time: Feb 04 04:01:32 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 03 14:16:01 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.68  | 152  | 164052   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.97  | 136  | 666149   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.72  | 164  | 306573   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.21 | 188  | 582046   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.84 | 240  | 426937   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.21 | 264  | 329375   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.28  | 112 | 905951  | 86.02 | ng | 0.00 |
| 7) Phenol-d6             | 6.34  | 99  | 1017882 | 77.96 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.26  | 82  | 1030226 | 87.12 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.52 | 330 | 266271  | 83.27 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.06  | 172 | 1675433 | 96.35 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.80 | 244 | 1657303 | 87.96 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.18 | 88  | 185579  | 40.23 | ng | # 77   |
| 3) Pyridine                    | 2.84 | 79  | 483599  | 40.23 | ng | # 74   |
| 4) n-Nitrosodimethylamine      | 2.80 | 42  | 252280  | 40.58 | ng | 82     |
| 6) Aniline                     | 6.35 | 93  | 659661  | 41.29 | ng | # 68   |
| 8) 2-Chlorophenol              | 6.48 | 128 | 510051  | 42.78 | ng | 95     |
| 9) Benzaldehyde                | 6.22 | 77  | 309217  | 40.10 | ng | 95     |
| 10) Phenol                     | 6.35 | 94  | 548135  | 37.47 | ng | # 64   |
| 11) bis(2-Chloroethyl)ether    | 6.43 | 93  | 469849  | 41.19 | ng | 86     |
| 12) 1,3-Dichlorobenzene        | 6.62 | 146 | 510183  | 40.50 | ng | # 95   |
| 13) 1,4-Dichlorobenzene        | 6.70 | 146 | 539414  | 42.84 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 6.86 | 146 | 446427m | 38.07 | ng |        |
| 15) Benzyl Alcohol             | 6.84 | 79  | 361176  | 40.06 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.98 | 45  | 755890  | 39.40 | ng | 87     |
| 17) 2-Methylphenol             | 6.97 | 107 | 399772  | 42.40 | ng | # 94   |
| 18) Hexachloroethane           | 7.20 | 117 | 201860  | 41.63 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70  | 314240  | 38.39 | ng | # 75   |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 462350  | 39.51 | ng | # 71   |
| 22) Acetophenone               | 7.10 | 105 | 690080  | 39.31 | ng | # 97   |
| 24) Nitrobenzene               | 7.28 | 77  | 466379  | 36.83 | ng | 93     |
| 25) Isophorone                 | 7.53 | 82  | 930940  | 40.49 | ng | 95     |
| 26) 2-Nitrophenol              | 7.60 | 139 | 264618  | 42.37 | ng | # 88   |
| 27) 2,4-Dimethylphenol         | 7.64 | 122 | 406807  | 37.45 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93  | 527490  | 38.67 | ng | # 96   |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 380422  | 40.93 | ng | 91     |
| 30) 1,2,4-Trichlorobenzene     | 7.92 | 180 | 412280  | 39.27 | ng | 96     |
| 31) Naphthalene                | 8.00 | 128 | 1282903 | 38.39 | ng | 99     |
| 32) Benzoic acid               | 7.79 | 122 | 315209  | 45.36 | ng | 95     |
| 33) 4-Chloroaniline            | 8.05 | 127 | 532212  | 38.51 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.12 | 225 | 257408  | 42.52 | ng | 99     |
| 35) Caprolactam                | 8.44 | 113 | 124204  | 43.35 | ng | # 62   |
| 36) 4-Chloro-3-methylphenol    | 8.54 | 107 | 399296  | 37.66 | ng | 93     |
| 37) 2-Methylnaphthalene        | 8.69 | 142 | 882616  | 42.20 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.85 | 216 | 374378  | 38.45 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.84 | 237 | 167668  | 47.12 | ng | 97     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\  
 Data File : BF084802.D  
 Acq On : 3 Feb 2016 23:27  
 Operator : SJ/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

mohammad  
 2/4/2016 2:04:49 PM

Quant Time: Feb 04 04:01:32 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 03 14:16:01 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.98  | 196  | 253285   | 40.38 | nq    | 92       |
| 43) 2,4,5-Trichlorophenol      | 9.01  | 196  | 267258   | 41.93 | nq #  | 88       |
| 45) 1,1'-Biphenyl              | 9.16  | 154  | 1127463  | 41.17 | nq    | 93       |
| 46) 2-Chloronaphthalene        | 9.17  | 162  | 776973   | 38.53 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.28  | 65   | 236474   | 37.03 | nq    | 97       |
| 48) Acenaphthylene             | 9.58  | 152  | 1186623  | 38.78 | nq    | 98       |
| 49) Dimethylphthalate          | 9.47  | 163  | 963922   | 41.28 | nq #  | 91       |
| 50) 2,6-Dinitrotoluene         | 9.53  | 165  | 236451   | 46.35 | nq #  | 92       |
| 51) Acenaphthene               | 9.76  | 154  | 777215   | 39.04 | nq    | 97       |
| 52) 3-Nitroaniline             | 9.69  | 138  | 211349   | 36.87 | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 9.80  | 184  | 94308    | 42.95 | nq #  | 84       |
| 54) Dibenzofuran               | 9.93  | 168  | 972232   | 39.96 | nq    | 91       |
| 55) 4-Nitrophenol              | 9.87  | 139  | 170499   | 40.47 | nq    | 91       |
| 56) 2,4-Dinitrotoluene         | 9.93  | 165  | 289938   | 44.56 | nq #  | 95       |
| 57) Fluorene                   | 10.27 | 166  | 761250   | 37.46 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.05 | 232  | 202322   | 41.70 | nq    | 94       |
| 59) Diethylphthalate           | 10.16 | 149  | 908599   | 39.85 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.27 | 204  | 407831   | 48.31 | nq    | 100      |
| 61) 4-Nitroaniline             | 10.30 | 138  | 230786   | 41.32 | nq    | 92       |
| 62) Azobenzene                 | 10.43 | 77   | 958792   | 43.73 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.34 | 198  | 154822   | 43.10 | nq    | 70       |
| 65) n-Nitrosodiphenylamine     | 10.40 | 169  | 776981   | 42.04 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.76 | 248  | 266162   | 41.40 | nq    | 97       |
| 67) Hexachlorobenzene          | 10.82 | 284  | 287004   | 40.97 | nq #  | 94       |
| 68) Atrazine                   | 10.92 | 200  | 218295   | 37.40 | nq    | 99       |
| 69) Pentachlorophenol          | 11.01 | 266  | 136055   | 41.33 | nq    | 97       |
| 70) Phenanthrene               | 11.23 | 178  | 1249353  | 38.70 | nq    | 97       |
| 71) Anthracene                 | 11.29 | 178  | 1312482  | 40.35 | nq    | 99       |
| 72) Carbazole                  | 11.44 | 167  | 1107911  | 39.06 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.78 | 149  | 1366809  | 37.85 | nq #  | 96       |
| 74) Fluoranthene               | 12.41 | 202  | 1284444  | 39.31 | nq    | 97       |
| 76) Benzidine                  | 12.55 | 184  | 592765   | 39.43 | nq    | 99       |
| 77) Pyrene                     | 12.64 | 202  | 1256330  | 38.43 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.28 | 149  | 612914   | 41.33 | nq #  | 79       |
| 80) Benzo(a)anthracene         | 13.83 | 228  | 1057589  | 39.91 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.79 | 252  | 368174   | 39.24 | nq #  | 94       |
| 82) Chrysene                   | 13.86 | 228  | 948526   | 36.91 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.84 | 149  | 795583   | 43.11 | nq #  | 95       |
| 84) Di-n-octyl phthalate       | 14.44 | 149  | 1208272  | 39.69 | nq #  | 89       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.50 | 276  | 810707   | 40.08 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 14.83 | 252  | 814837m  | 36.82 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.85 | 252  | 763707m  | 41.74 | nq    |          |
| 89) Benzo(a)pyrene             | 15.15 | 252  | 727596   | 38.59 | nq #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 16.51 | 278  | 666460   | 41.99 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 16.89 | 276  | 681817   | 42.64 | nq    | 97       |

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

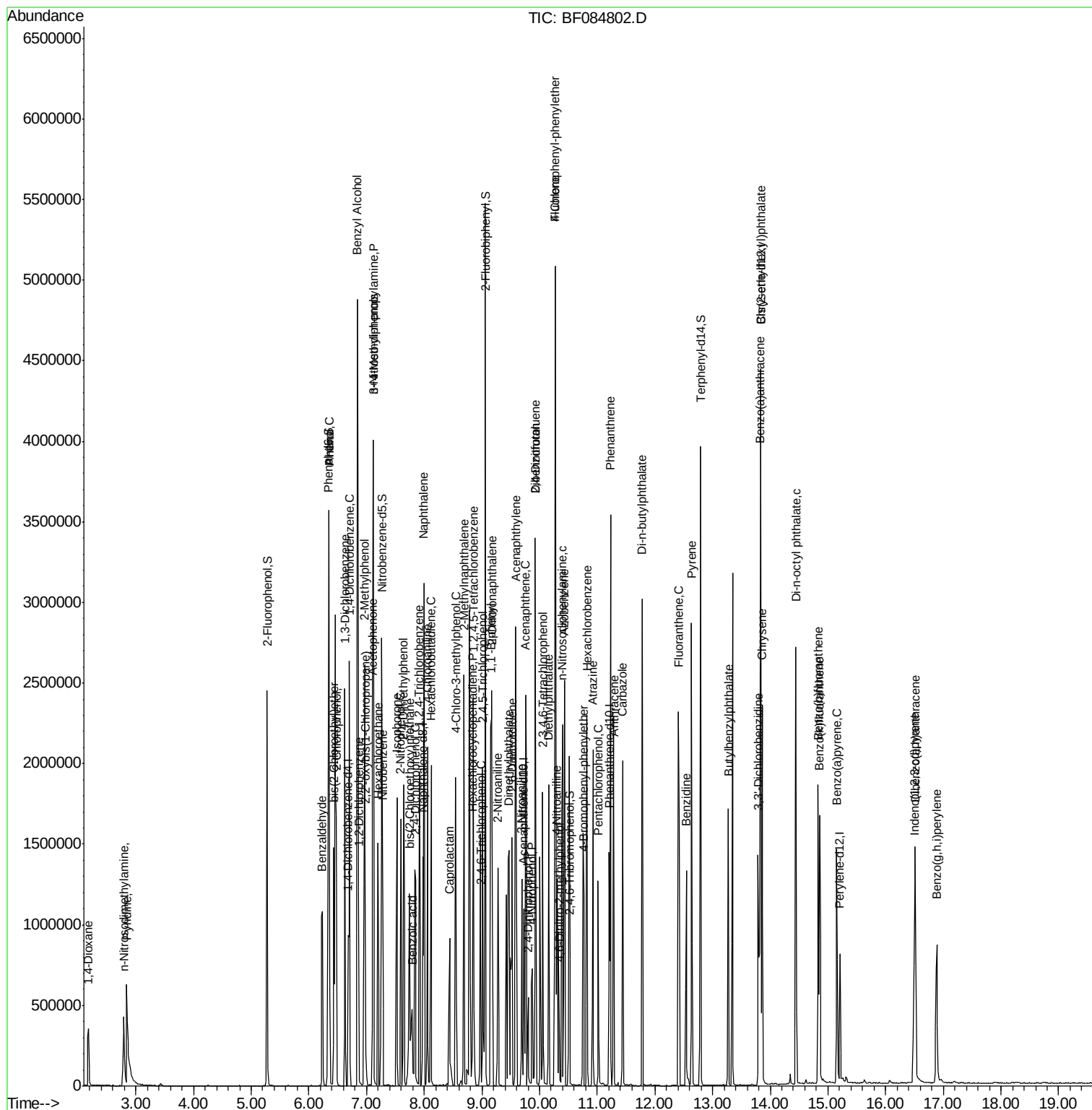
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\  
 Data File : BF084802.D  
 Acq On : 3 Feb 2016 23:27  
 Operator : SJ/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

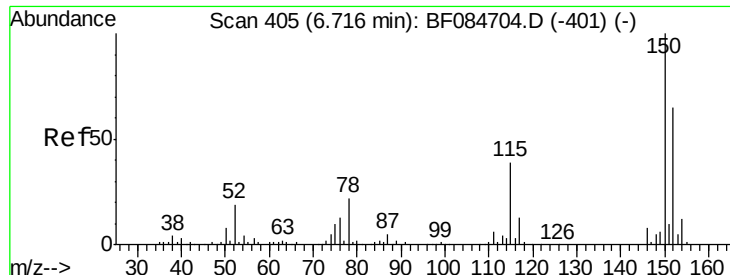
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

mohammad  
 2/4/2016 2:04:49 PM

Quant Time: Feb 04 04:01:32 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 03 14:16:01 2016  
 Response via : Initial Calibration





#1

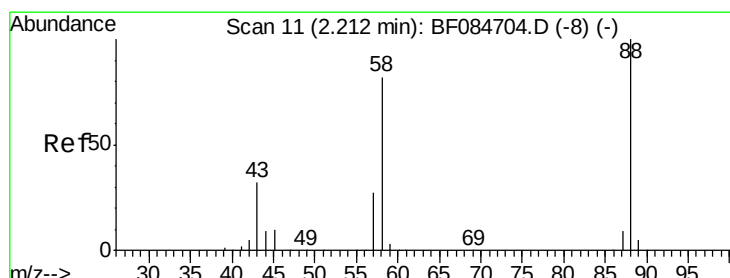
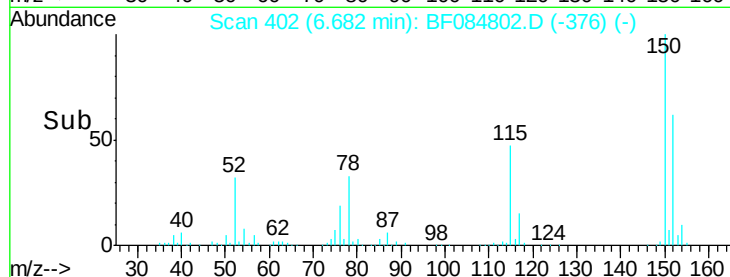
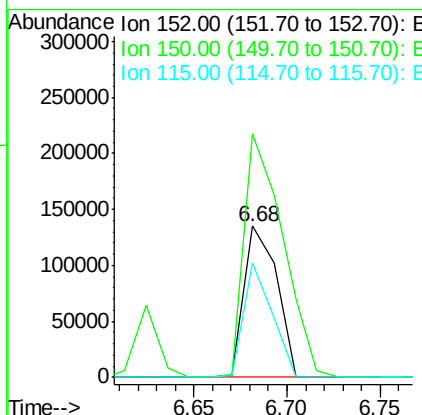
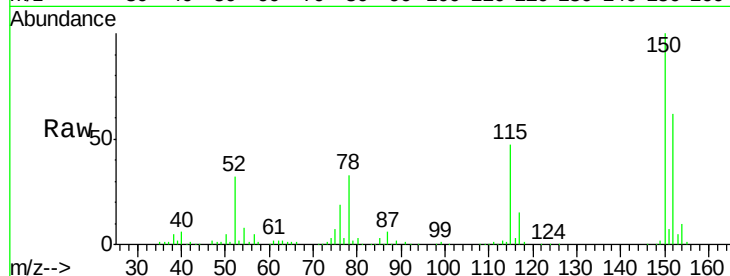
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.68 min Scan# 402  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.1 | 123.0 | 184.4 |
| 115     | 76.0  | 51.4  | 77.2  |

Manual Integrations  
APPROVED

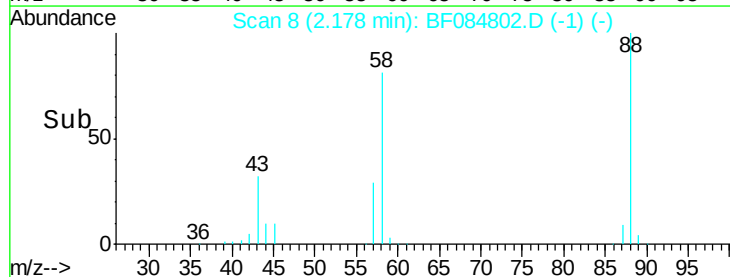
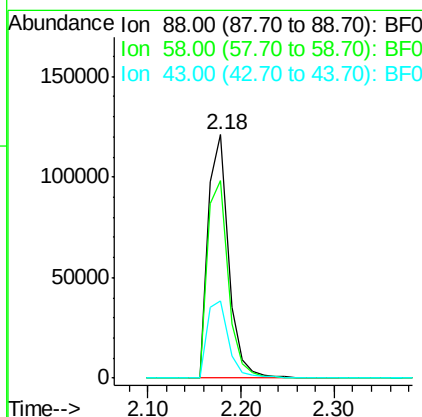
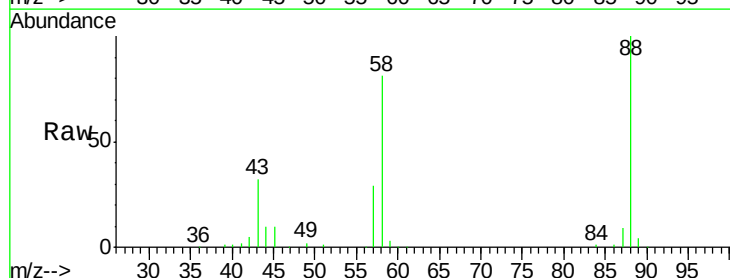
mohammad  
2/4/2016 2:04:49 PM

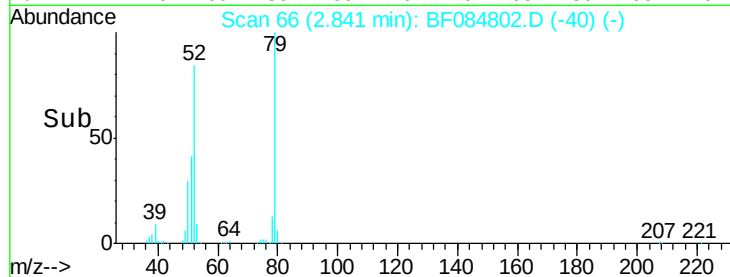
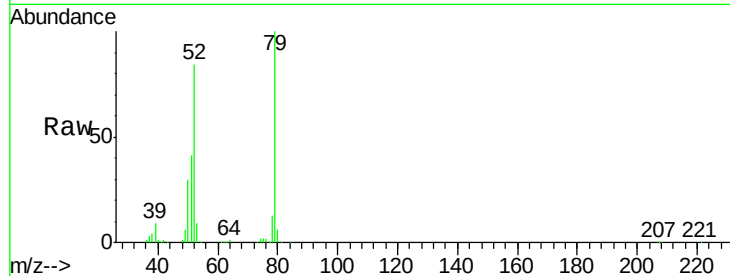
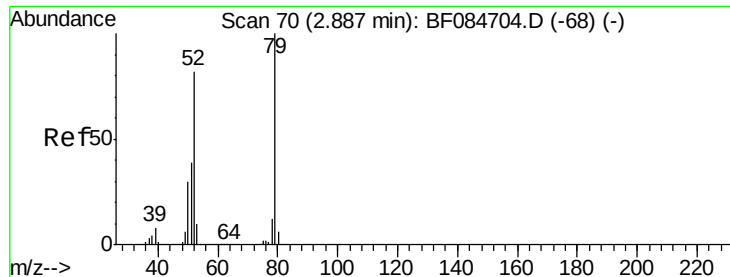


#2

1,4-Dioxane  
Concen: 40.23 ng  
RT: 2.18 min Scan# 8  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 82.9  | 51.2  | 76.8# |
| 43      | 33.8  | 19.5  | 29.3# |





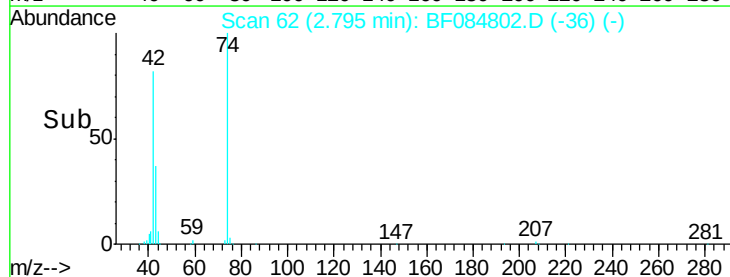
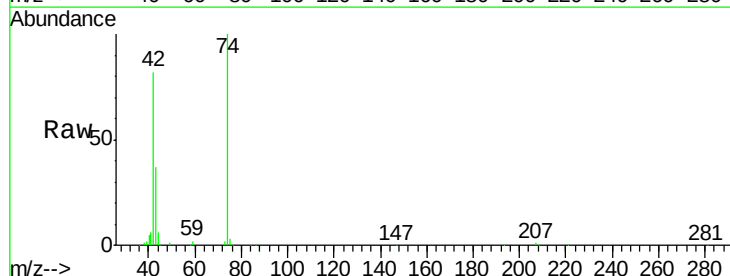
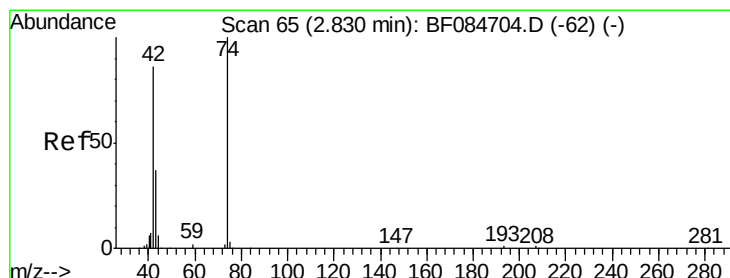
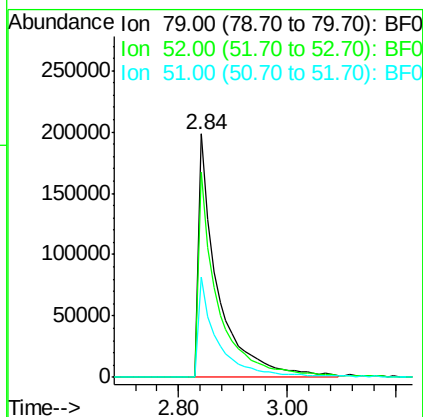
#3  
Pvridine  
Concen: 40.23 ng  
RT: 2.84 min Scan# 66  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 84.1  | 49.0  | 73.4# |
| 51      | 41.3  | 25.2  | 37.8# |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

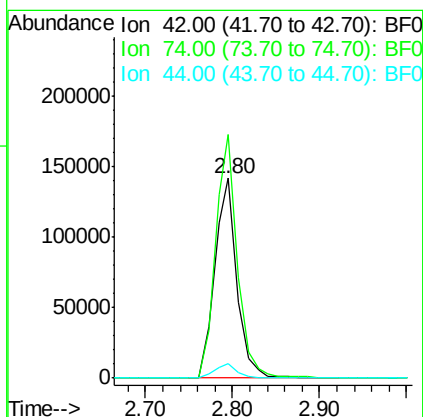
Manual Integrations  
APPROVED

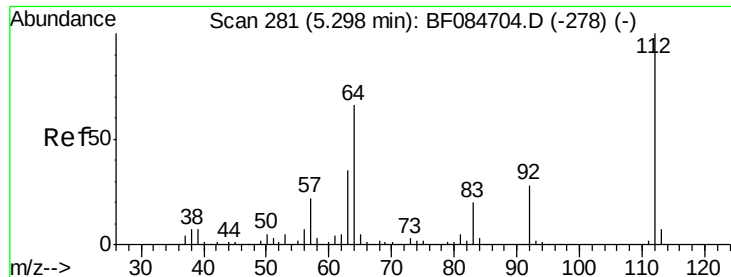
mohammad  
2/4/2016 2:04:49 PM



#4  
n-Nitrosodimethylamine  
Concen: 40.58 ng  
RT: 2.80 min Scan# 62  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 121.8 | 115.7 | 173.5 |
| 44      | 7.3   | 5.1   | 7.7   |





#5

2-Fluorophenol

Concen: 86.02 ng

RT: 5.28 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

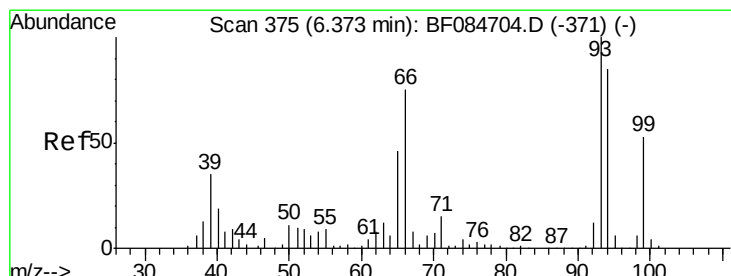
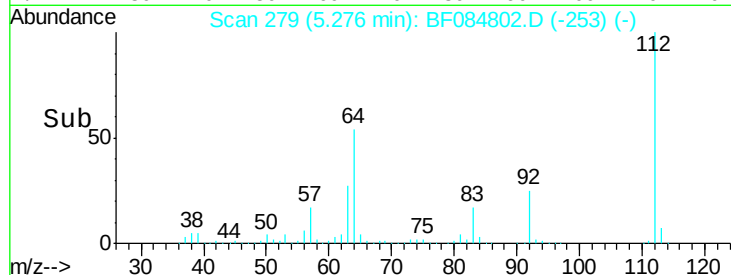
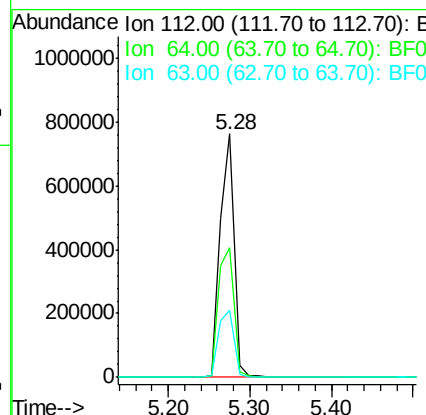
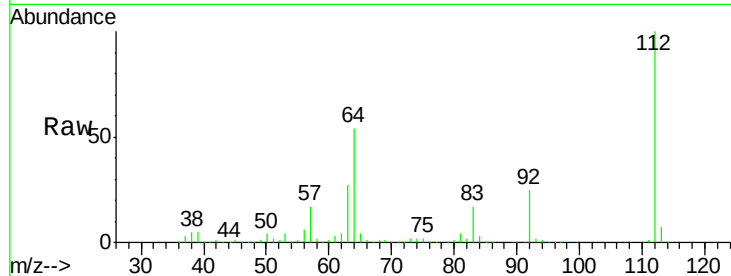
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 905951 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 53.5  | 36.6  | 55.0   |
| 63        | 27.3  | 19.4  | 29.0   |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#6

Aniline

Concen: 41.29 ng

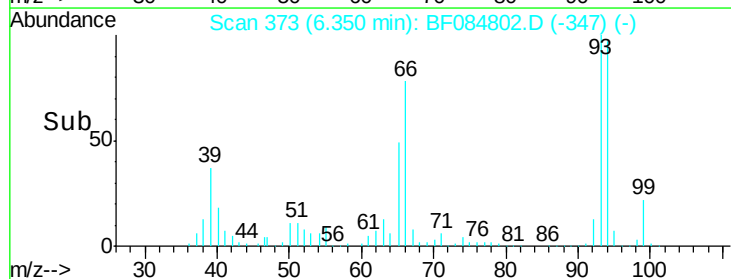
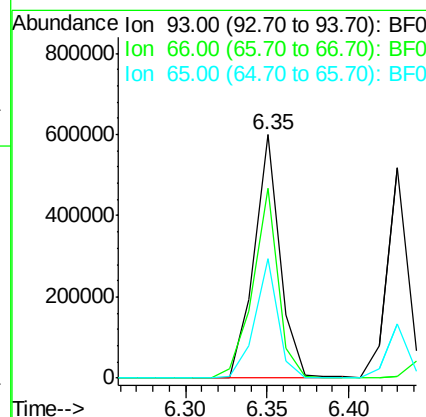
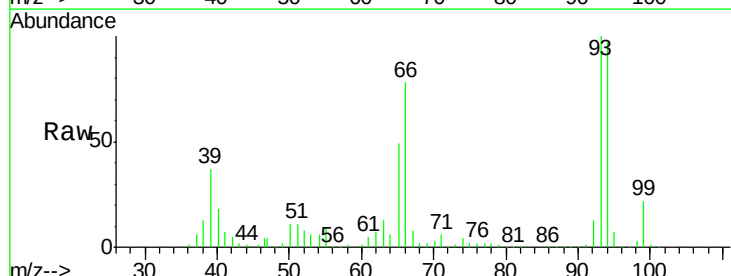
RT: 6.35 min Scan# 373

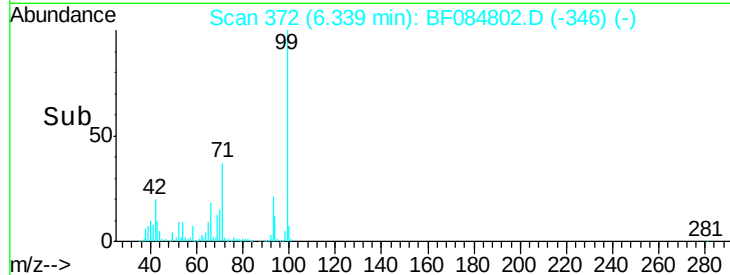
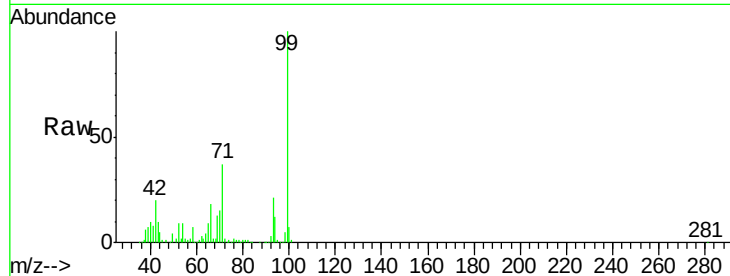
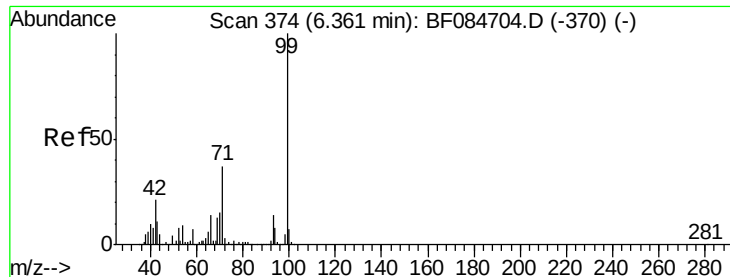
Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 659661 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 77.9  | 44.9  | 67.3#  |
| 65        | 49.0  | 23.7  | 35.5#  |





#7

Phenol-d6

Concen: 77.96 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1017882 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 20.4  | 12.8  | 19.2#   |
| 71       | 36.8  | 30.9  | 46.3    |

Instrument :

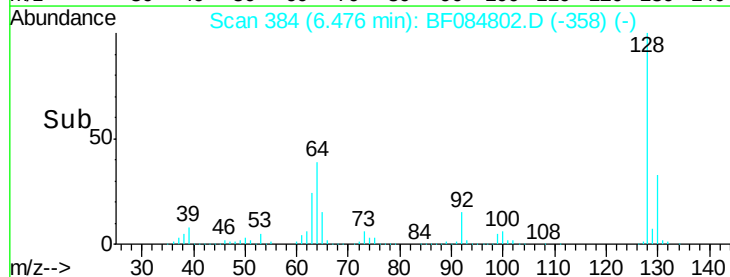
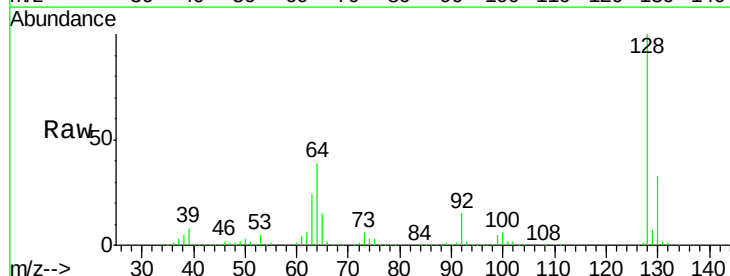
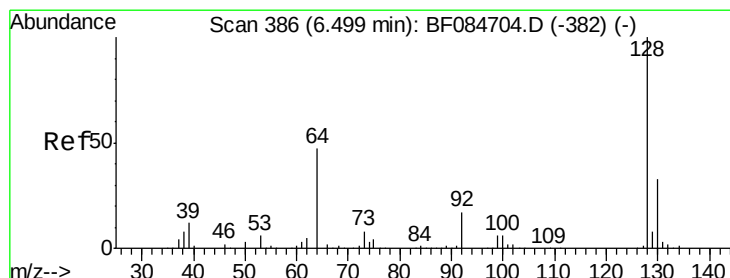
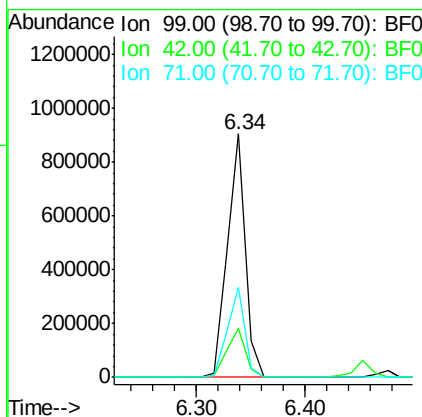
BNA\_F

ClientSampleId :

SSTDCCC040EC

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#8

2-Chlorophenol

Concen: 42.78 ng

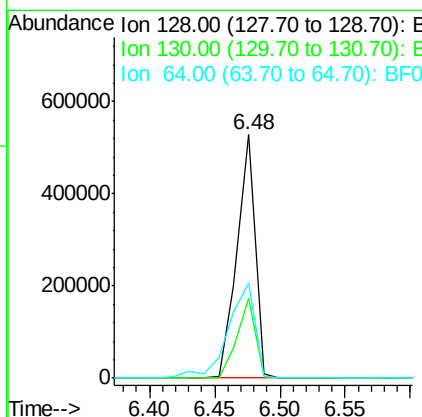
RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

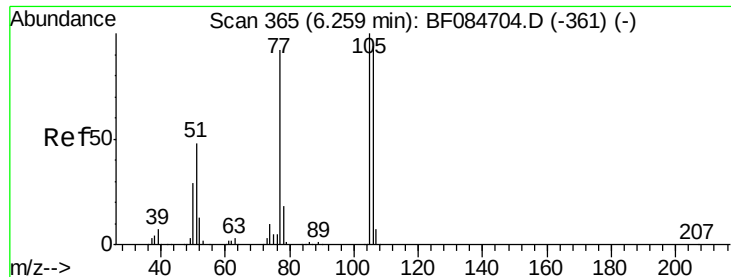
Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 510051 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 33.0  | 11.6  | 51.6   |
| 64       | 39.1  | 23.8  | 63.8   |







#9

Benzaldehyde

Concen: 40.10 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.01 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

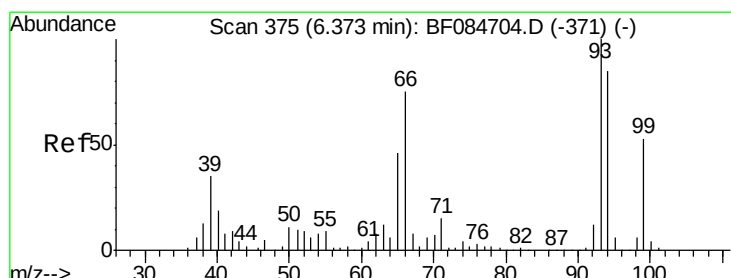
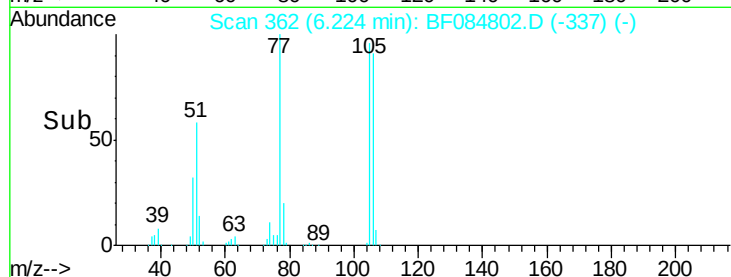
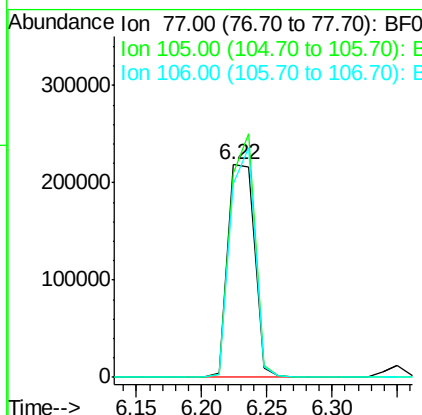
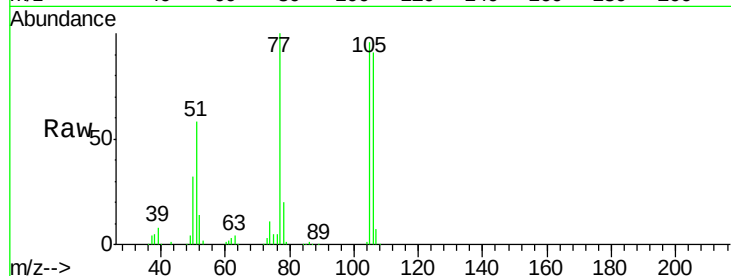
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 309217 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 96.2  | 83.0  | 123.0  |
| 106       | 91.2  | 74.6  | 114.6  |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#10

Phenol

Concen: 37.47 ng

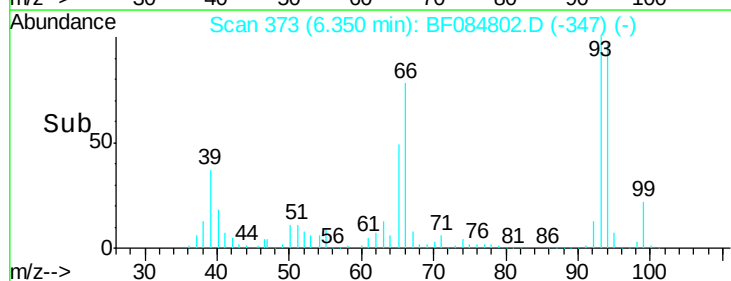
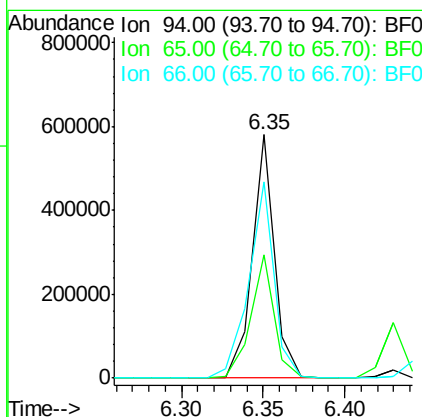
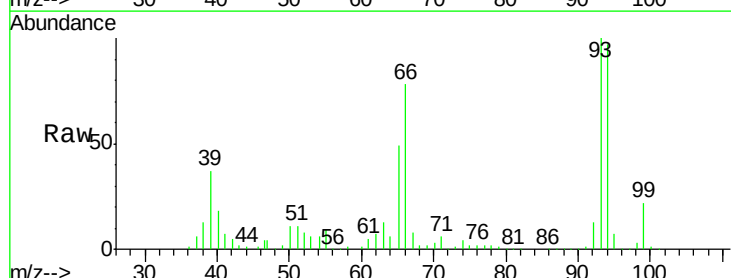
RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

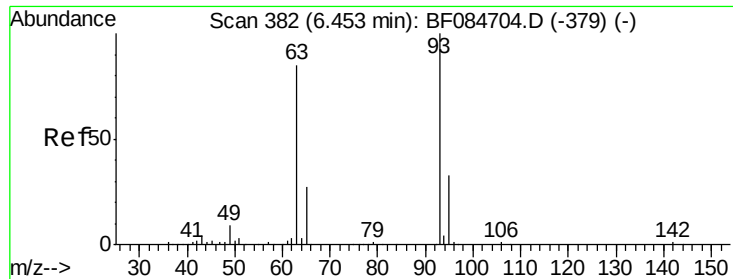
Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 548135 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 50.6  | 12.9  | 52.9   |
| 66        | 80.5  | 32.7  | 72.7#  |







#11

bis(2-Chloroethyl)ether

Concen: 41.19 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

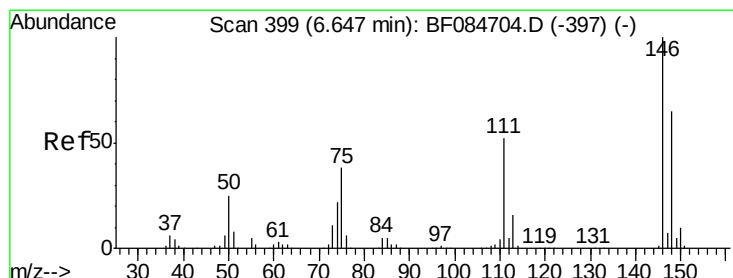
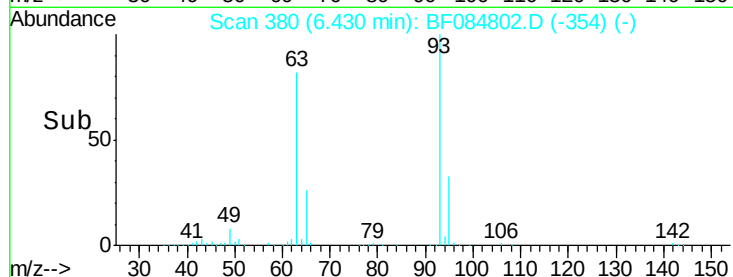
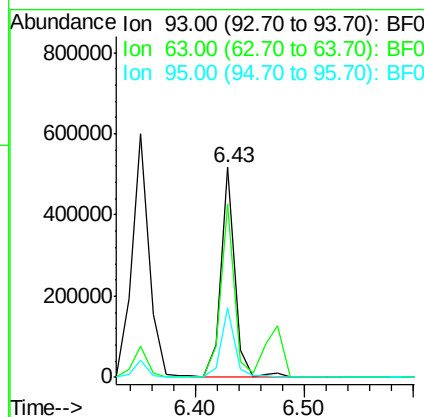
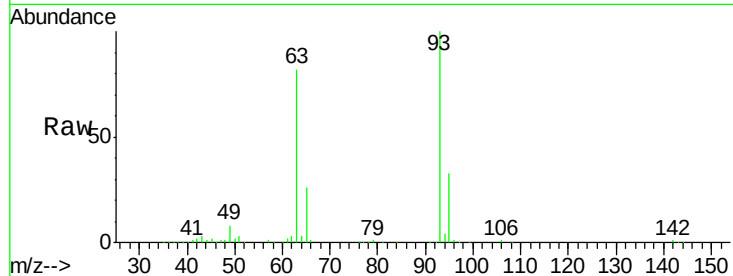
ClientSampleId :

SSTDCCC040EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 469849 |       |       |
| 63      | 82.5 | 45.9  | 85.9   |       |       |
| 95      | 33.0 | 12.3  | 52.3   |       |       |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#12

1,3-Dichlorobenzene

Concen: 40.50 ng

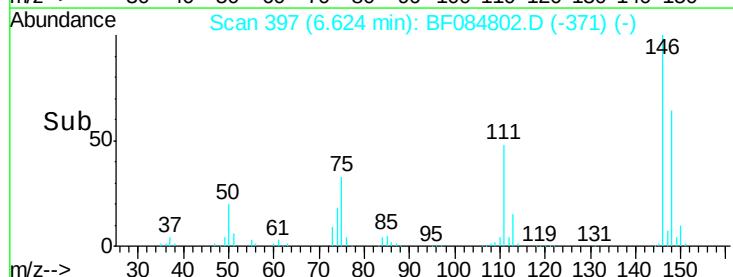
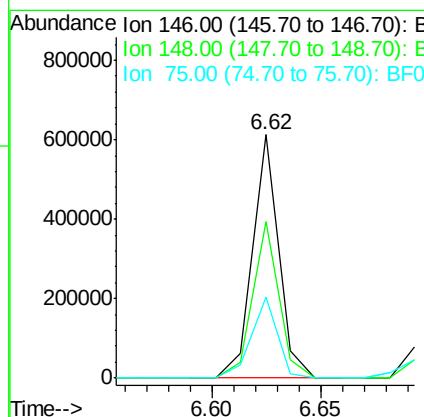
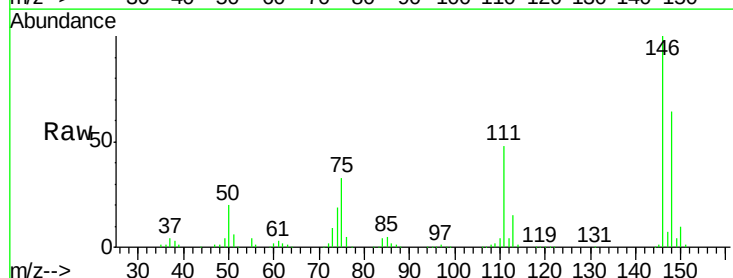
RT: 6.62 min Scan# 397

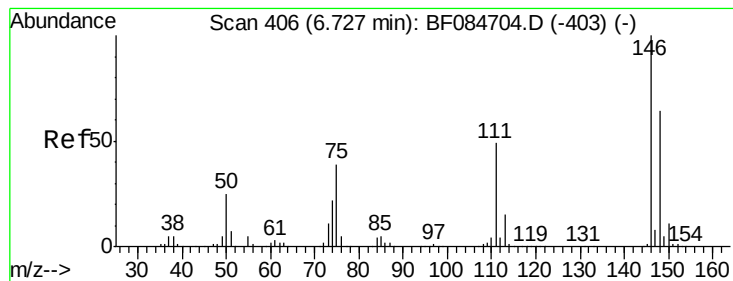
Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 510183 |       |       |
| 148     | 64.1 | 51.9  | 77.9   |       |       |
| 75      | 33.4 | 20.5  | 30.7   |       |       |





#13

1,4-Dichlorobenzene

Concen: 42.84 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

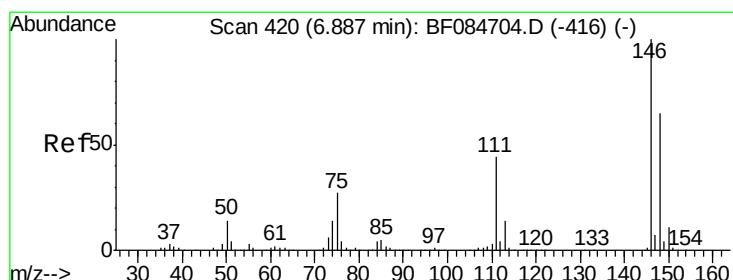
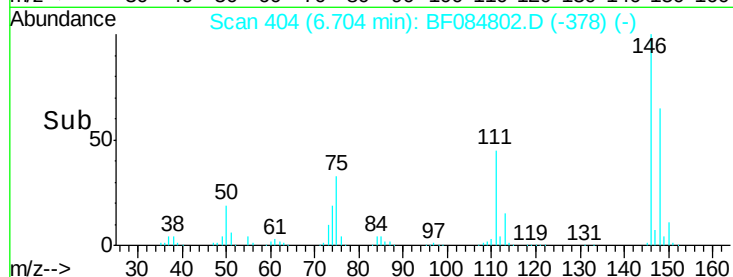
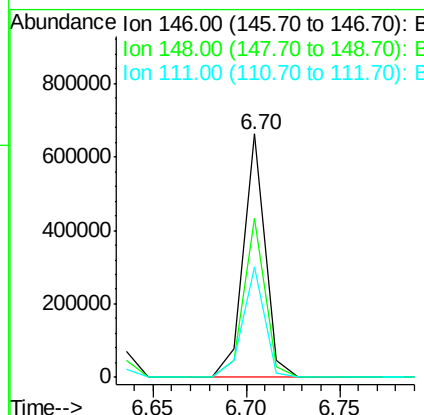
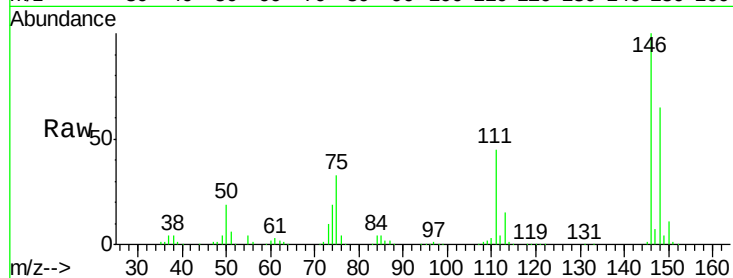
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 539414 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.4  | 51.9  | 77.9   |
| 111       | 45.5  | 41.6  | 62.4   |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#14

1,2-Dichlorobenzene

Concen: 38.07 ng m

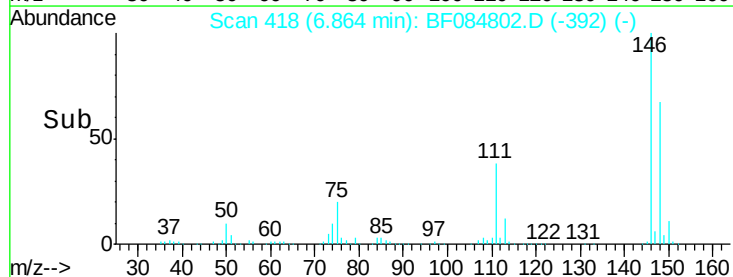
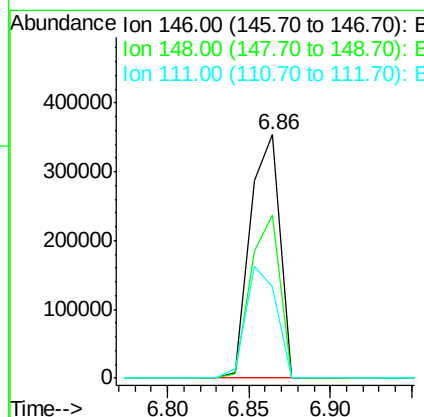
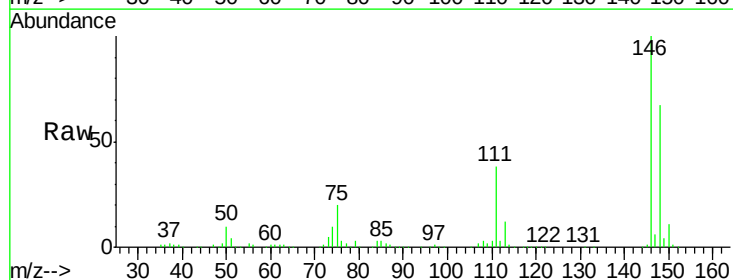
RT: 6.86 min Scan# 418

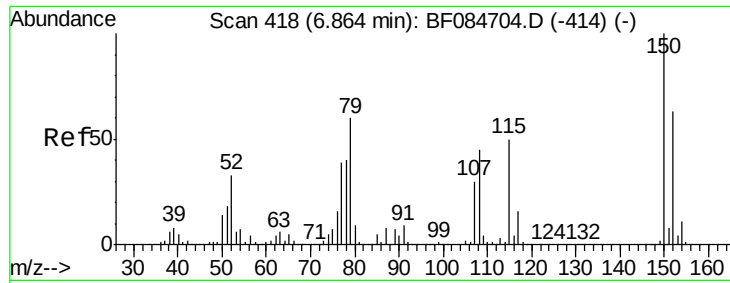
Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 446427 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 67.0  | 51.6  | 77.4   |
| 111       | 37.8  | 38.0  | 57.0#  |





#15

Benzyl Alcohol

Concen: 40.06 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

ClientSampleID :

SSTDCCC040EC

Tot Ion: 79 Resp: 361176

Ion Ratio Lower Upper

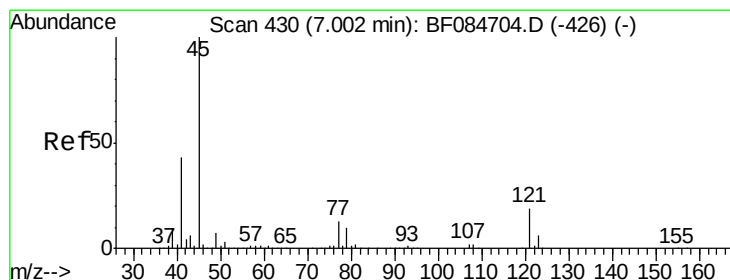
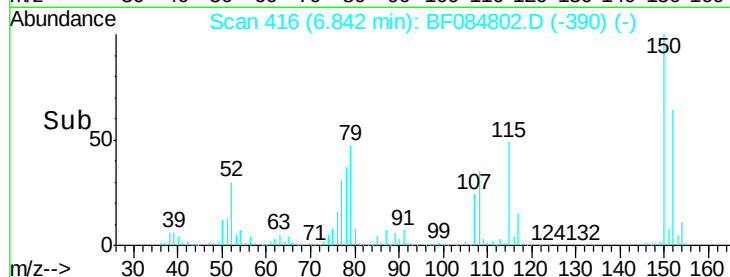
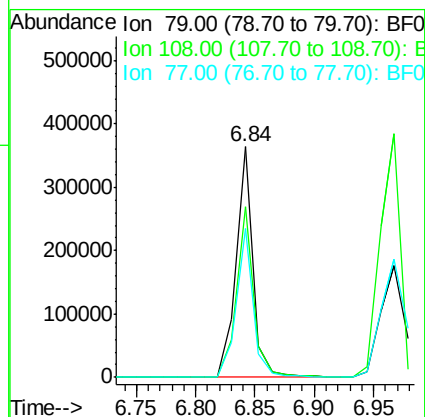
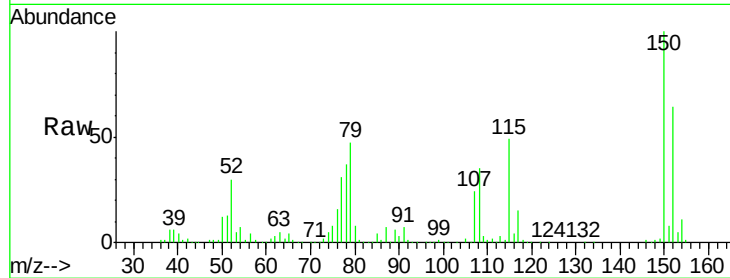
79 100

108 74.1 69.0 103.4

77 64.5 50.0 75.0

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.40 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

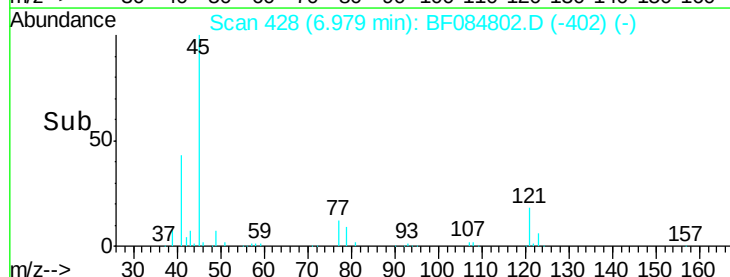
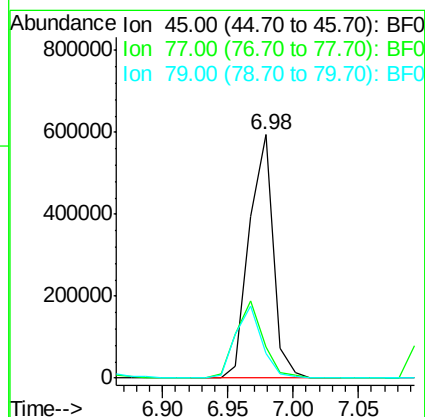
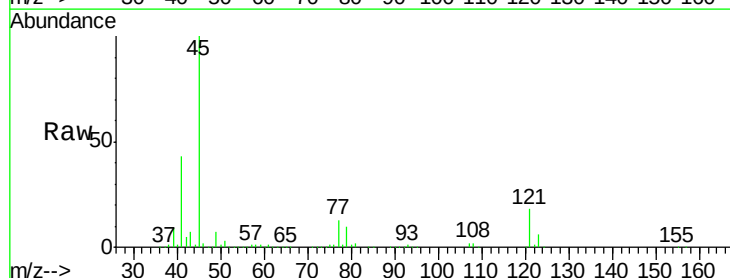
Tgt Ion: 45 Resp: 755890

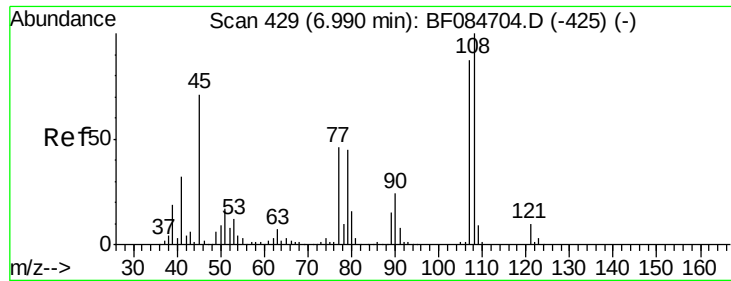
Ion Ratio Lower Upper

45 100

77 12.9 0.0 39.6

79 10.2 0.0 35.0





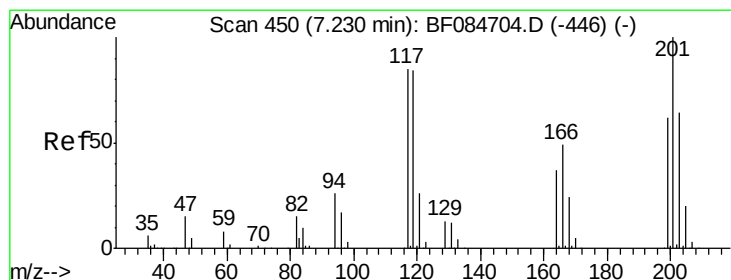
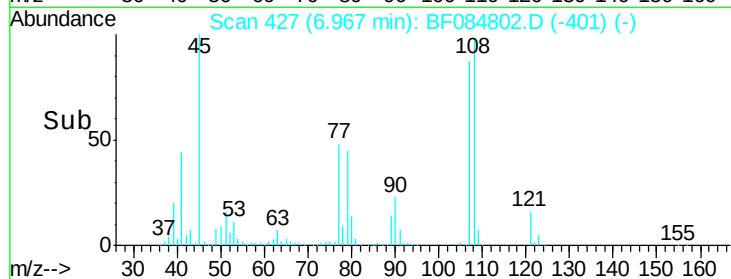
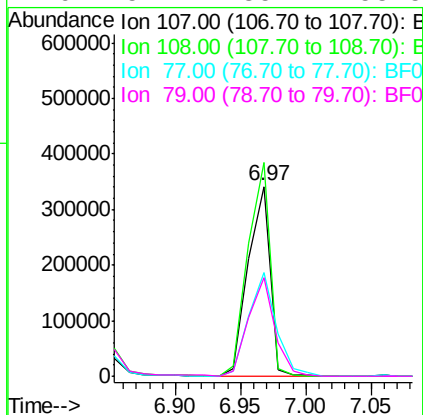
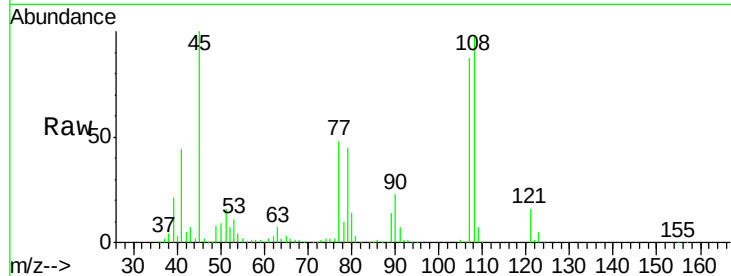
#17  
2-Methylphenol  
Concen: 42.40 ng  
RT: 6.97 min Scan# 427  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 399772 |       |       |
| 108     | 112.4 | 89.8   | 134.6 |       |
| 77      | 54.7  | 35.7   | 53.5  |       |
| 79      | 51.7  | 35.7   | 53.5  |       |

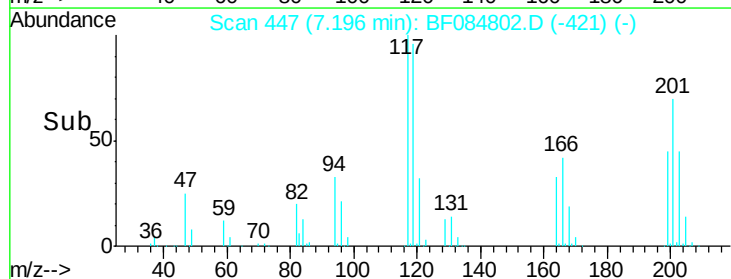
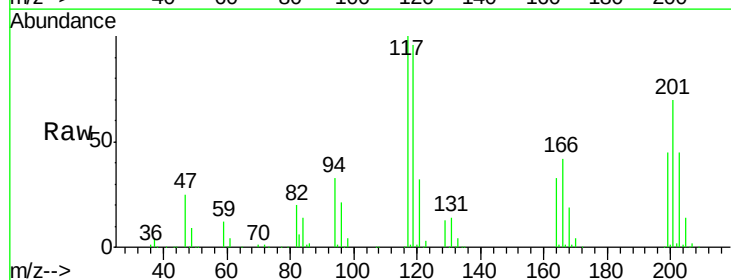
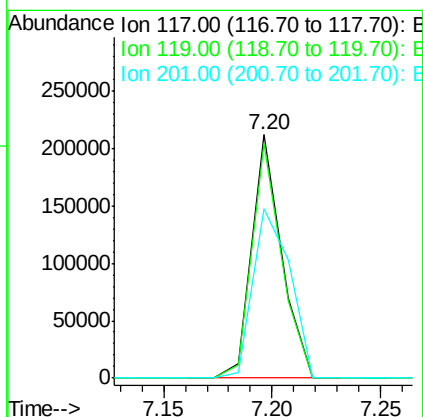
Manual Integrations  
APPROVED

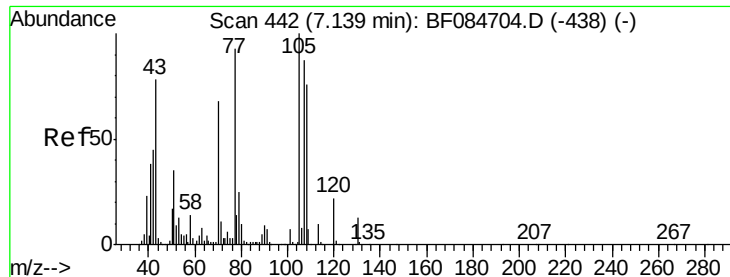
mohammad  
2/4/2016 2:04:49 PM



#18  
Hexachloroethane  
Concen: 41.63 ng  
RT: 7.20 min Scan# 447  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 201860 |       |       |
| 119     | 96.1  | 77.4   | 116.0 |       |
| 201     | 69.7  | 68.6   | 103.0 |       |





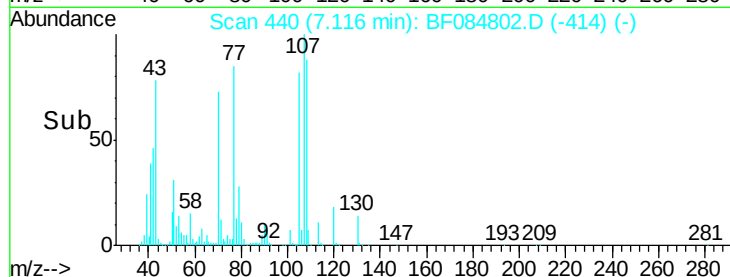
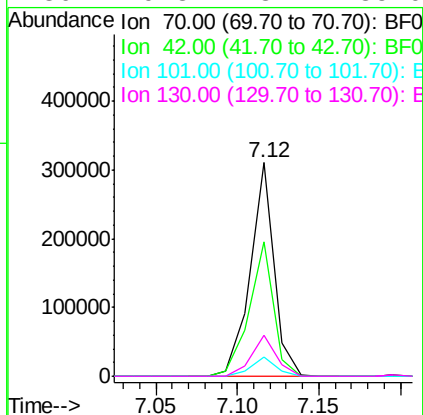
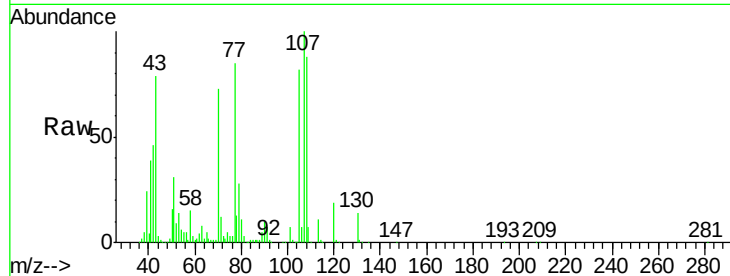
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.39 ng  
RT: 7.12 min Scan# 440  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 63.0  | 33.3  | 49.9# |
| 101     | 9.1   | 9.3   | 13.9# |
| 130     | 19.3  | 23.4  | 35.0# |

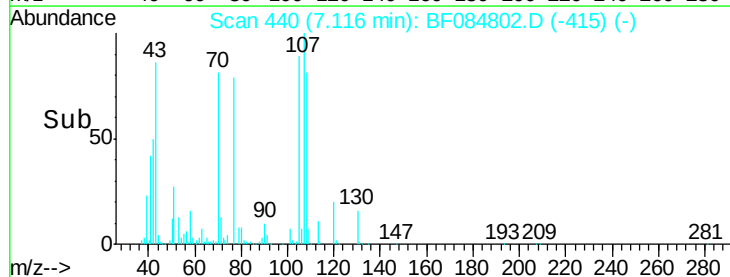
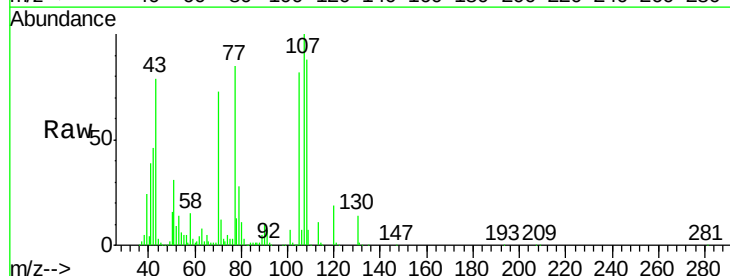
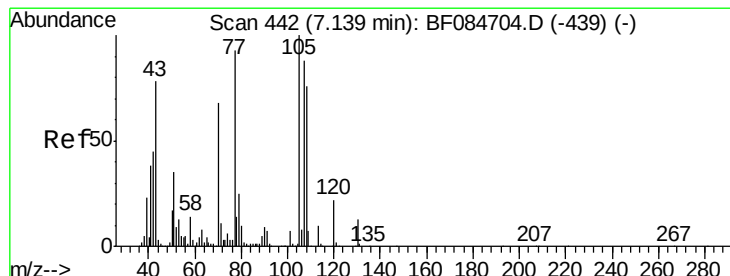
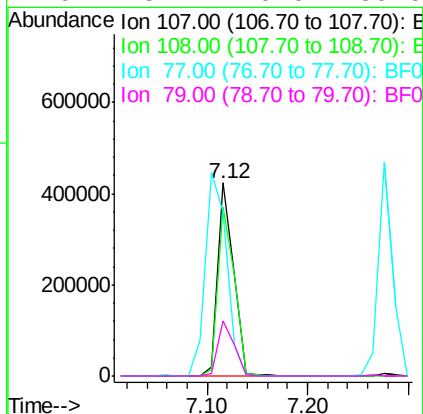
Manual Integrations  
APPROVED

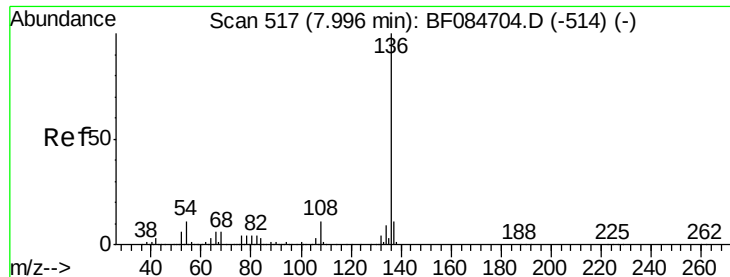
mohammad  
2/4/2016 2:04:49 PM



#20  
3+4-Methylphenols  
Concen: 39.51 ng  
RT: 7.12 min Scan# 440  
Delta R.T. -0.01 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.9  | 74.6  | 114.6 |
| 77      | 85.0  | 0.7   | 40.7# |
| 79      | 28.4  | 0.0   | 39.0  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF084802.D

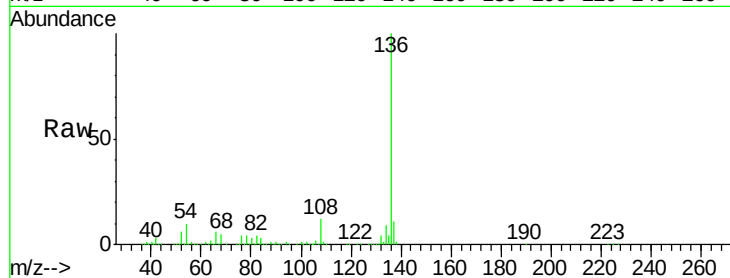
Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

ClientSampleId :

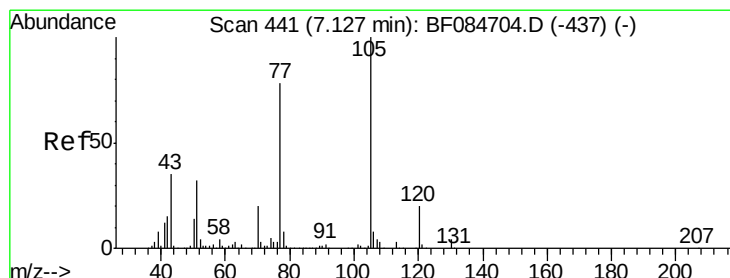
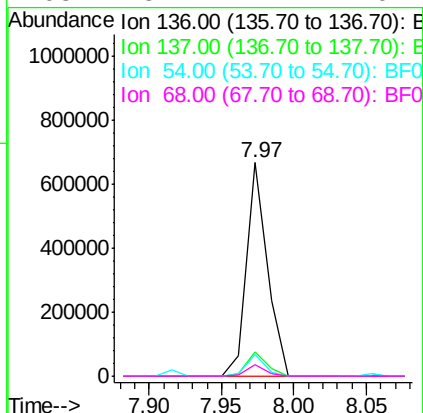
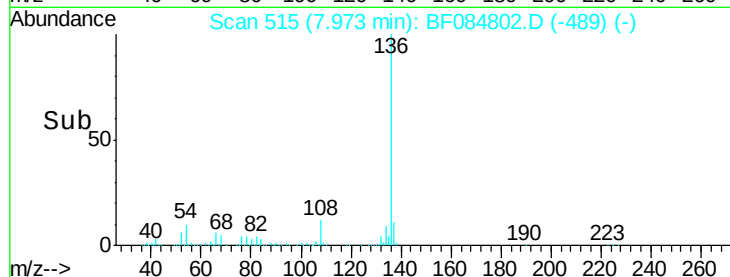
SSTDCCC040EC



| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 666149 |       |       |
| 137     | 11.3 | 8.7   | 13.1   |       |       |
| 54      | 10.2 | 5.8   | 8.8#   |       |       |
| 68      | 5.4  | 4.2   | 6.2    |       |       |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#22

Acetophenone

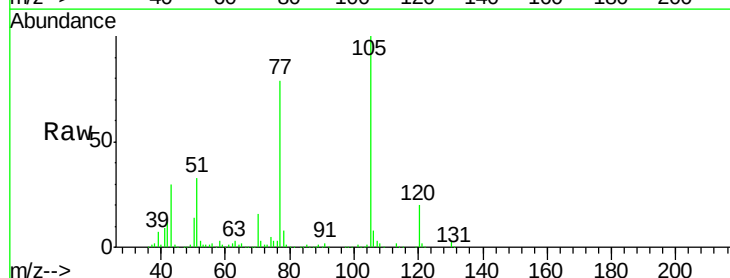
Concen: 39.31 ng

RT: 7.10 min Scan# 439

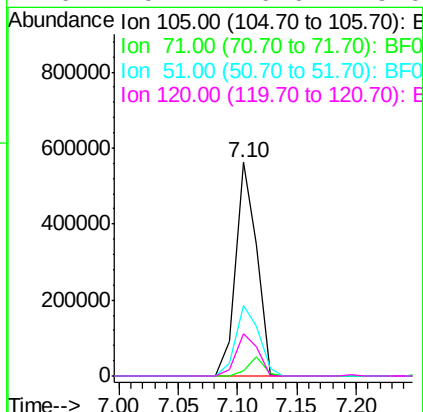
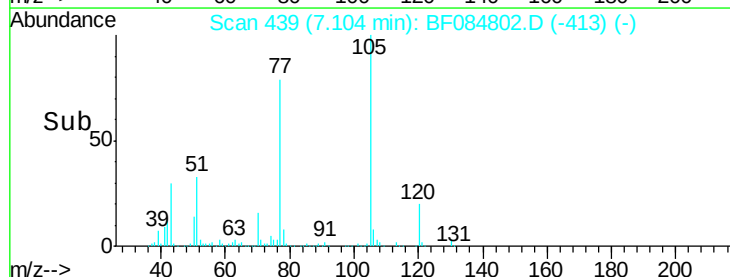
Delta R.T. 0.00 min

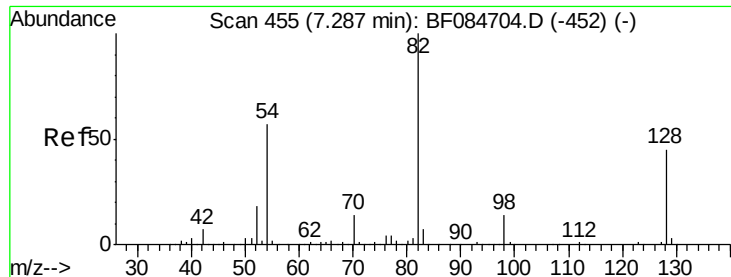
Lab File: BF084802.D

Acq: 3 Feb 2016 23:27



| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 690080 |       |       |
| 71      | 2.6  | 3.7   | 5.5#   |       |       |
| 51      | 32.7 | 25.1  | 37.7   |       |       |
| 120     | 19.7 | 16.6  | 25.0   |       |       |





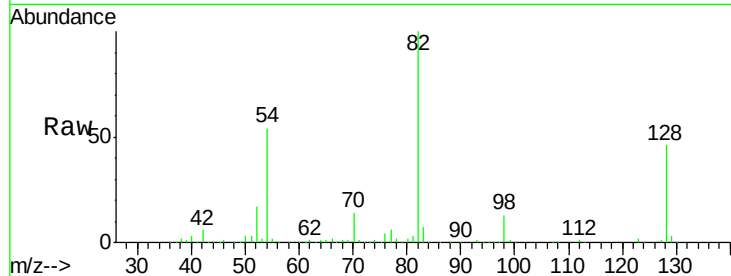
#23  
 Nitrobenzene-d5  
 Concen: 87.12 ng  
 RT: 7.26 min Scan# 453  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

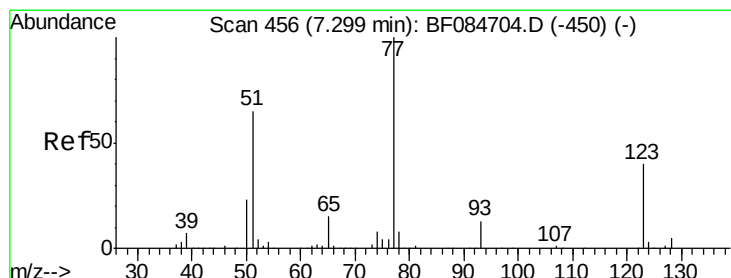
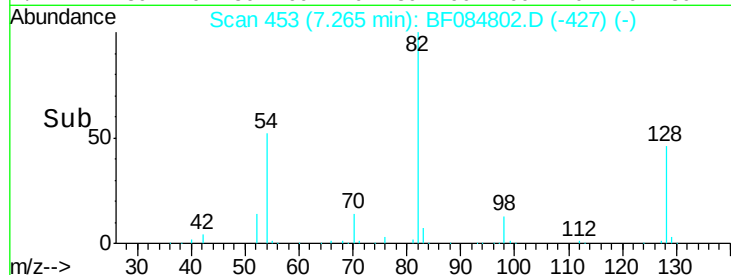
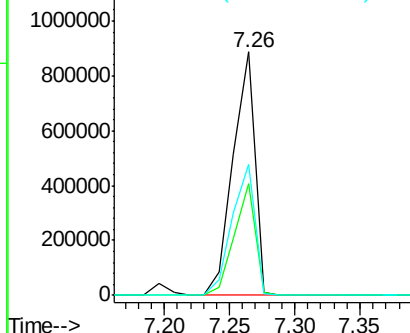
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.8  | 34.6  | 51.8  |
| 54      | 53.7  | 38.4  | 57.6  |

Manual Integrations  
 APPROVED

mohammad  
 2/4/2016 2:04:49 PM

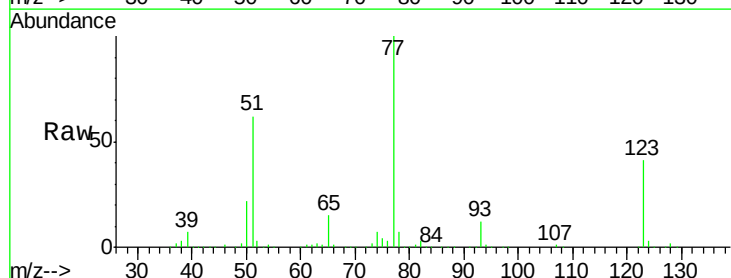


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

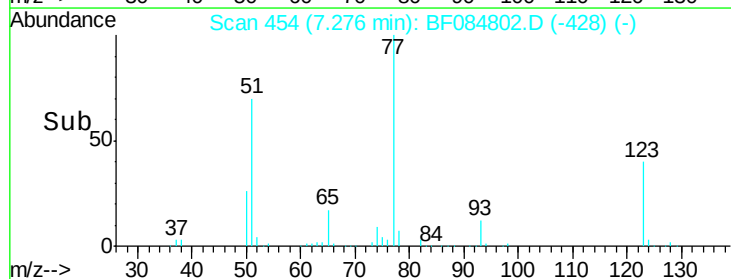
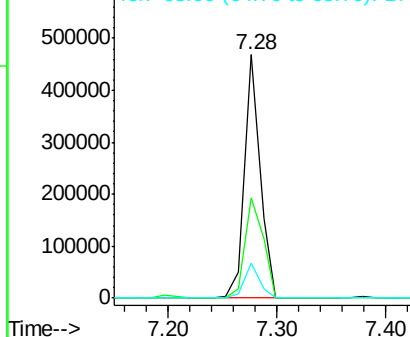


#24  
 Nitrobenzene  
 Concen: 36.83 ng  
 RT: 7.28 min Scan# 454  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

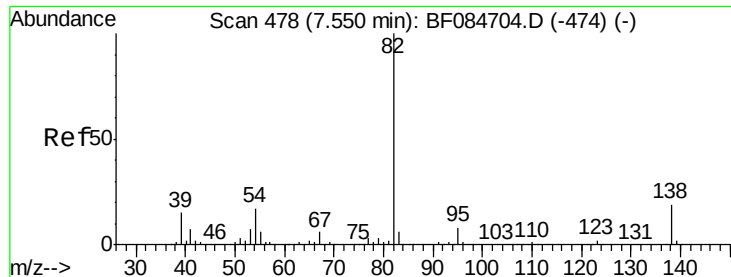
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.1  | 37.4  | 56.2  |
| 65      | 14.6  | 10.9  | 16.3  |



Abundance Ion 77.00 (76.70 to 77.70): BF0  
 Ion 123.00 (122.70 to 123.70): B  
 Ion 65.00 (64.70 to 65.70): BF0







#25

Isophorone

Concen: 40.49 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

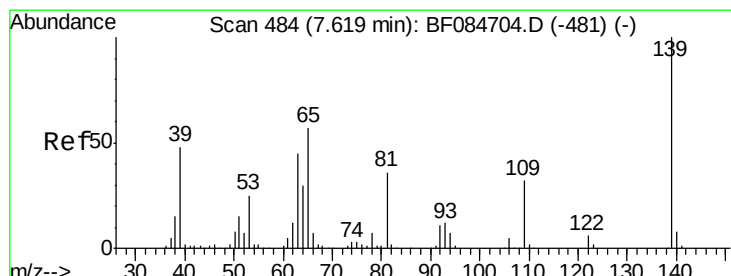
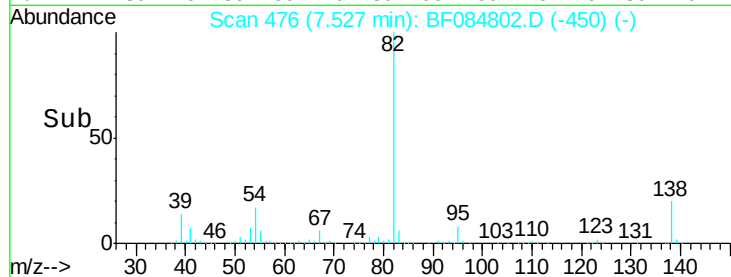
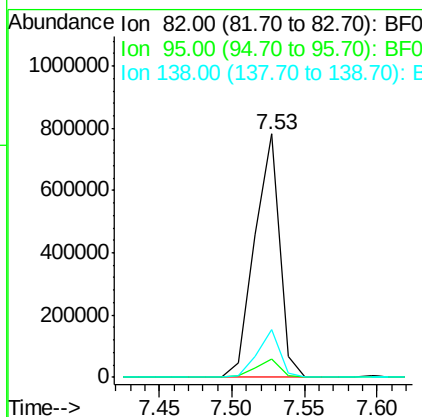
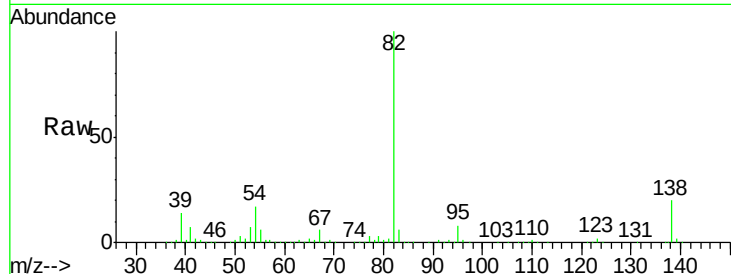
ClientSampleId :

SSTDCCC040EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 930940 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.6  | 6.6   | 10.0   |
| 138       | 19.7 | 13.6  | 20.4   |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#26

2-Nitrophenol

Concen: 42.37 ng

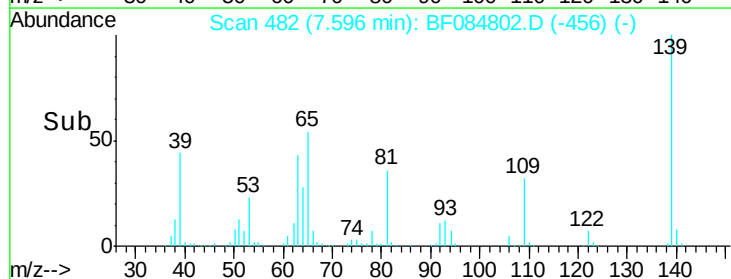
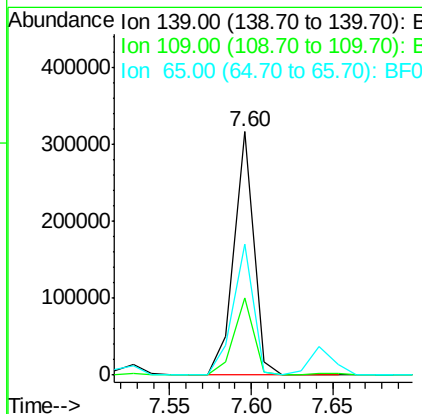
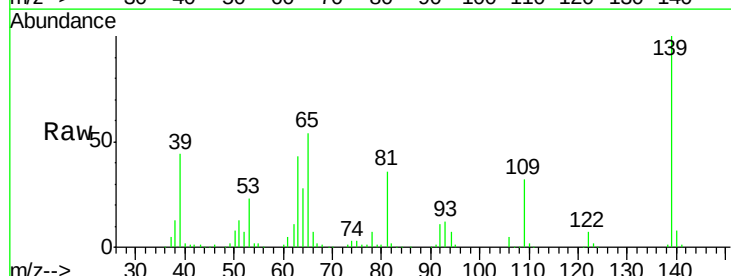
RT: 7.60 min Scan# 482

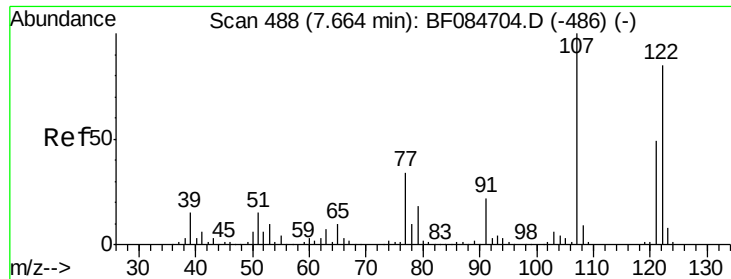
Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 264618 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 31.8 | 25.4  | 38.2   |
| 65        | 53.8 | 32.3  | 48.5#  |





#27

2,4-Dimethylphenol

Concen: 37.45 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

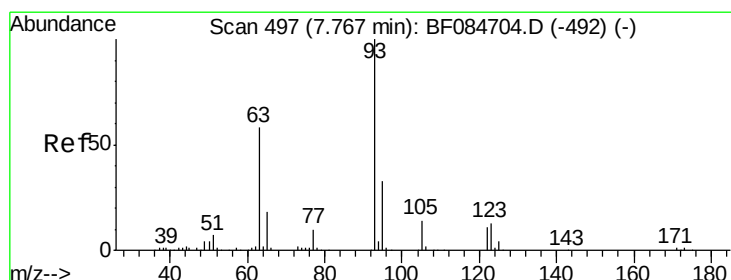
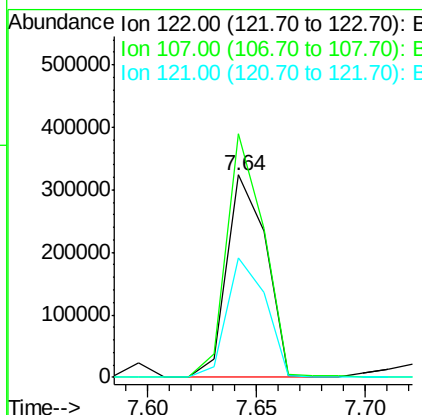
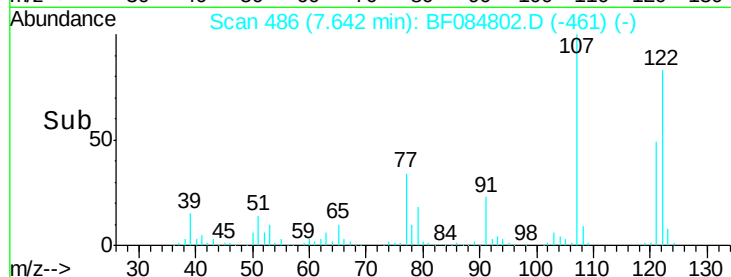
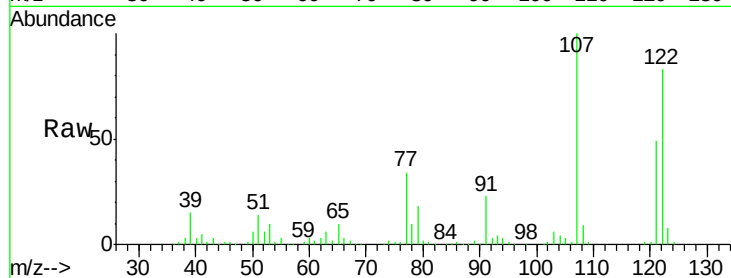
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 406807 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 120.3 | 99.1  | 148.7  |
| 121       | 58.8  | 47.9  | 71.9   |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.67 ng

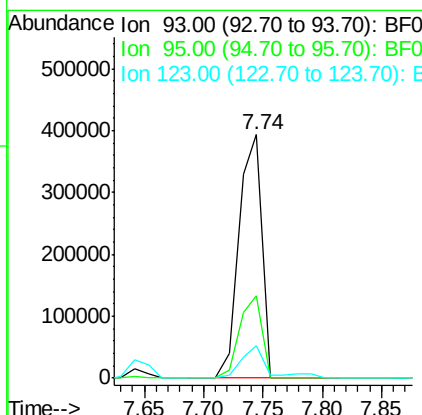
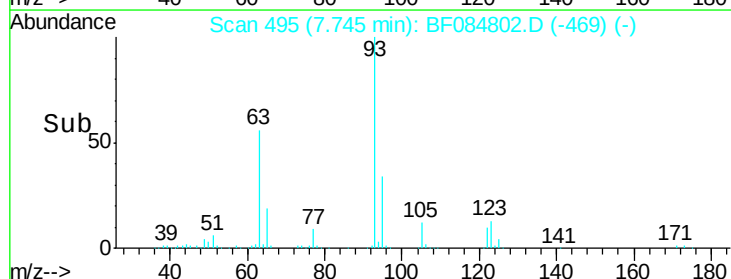
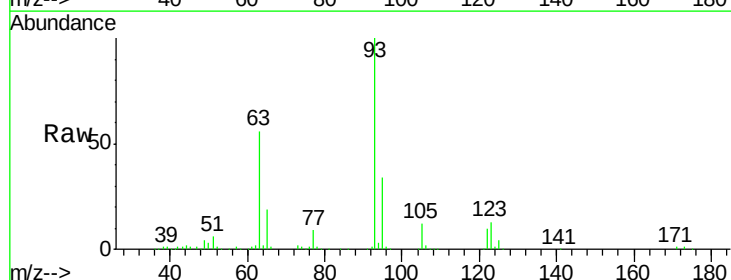
RT: 7.74 min Scan# 495

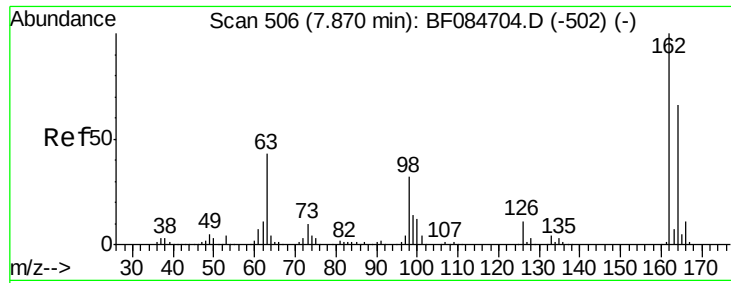
Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 527490 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.8  | 25.8  | 38.6   |
| 123       | 13.3  | 8.6   | 12.8#  |





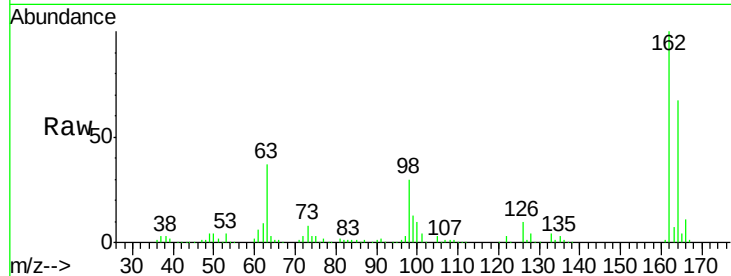
#29  
 2,4-Dichlorophenol  
 Concen: 40.93 ng  
 RT: 7.85 min Scan# 504  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 380422 |       |       |
| 164     | 67.2  | 44.1   | 84.1  |       |
| 98      | 30.2  | 20.2   | 60.2  |       |

Manual Integrations  
 APPROVED

mohammad  
 2/4/2016 2:04:49 PM

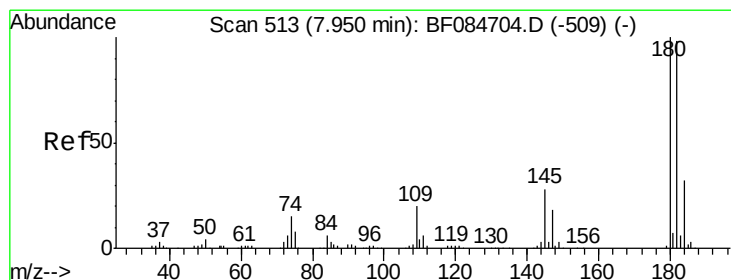
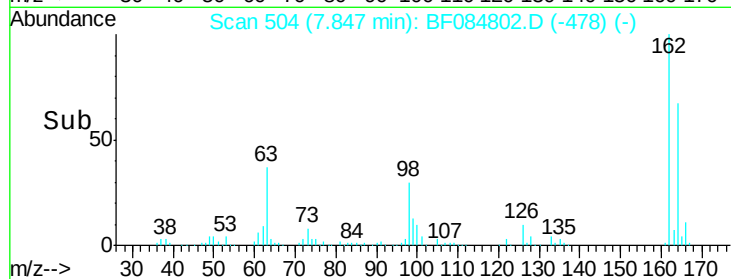
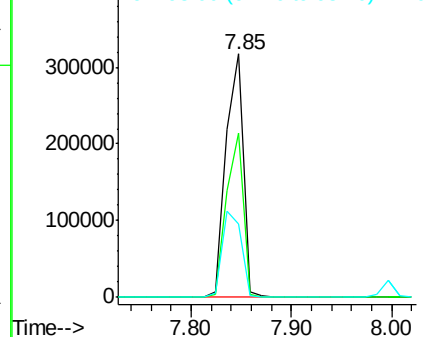


Abundance

Ion 162.00 (161.70 to 162.70): E

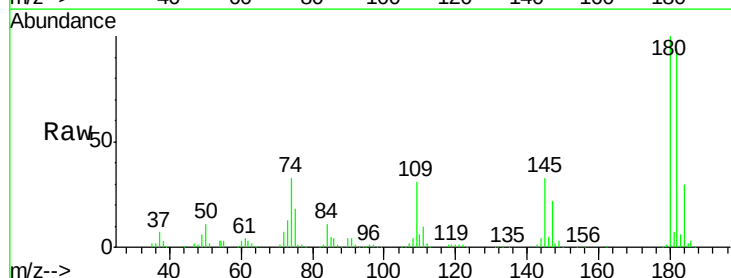
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.27 ng  
 RT: 7.92 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 412280 |       |       |
| 182     | 93.7  | 76.4   | 114.6 |       |
| 145     | 33.1  | 31.6   | 47.4  |       |

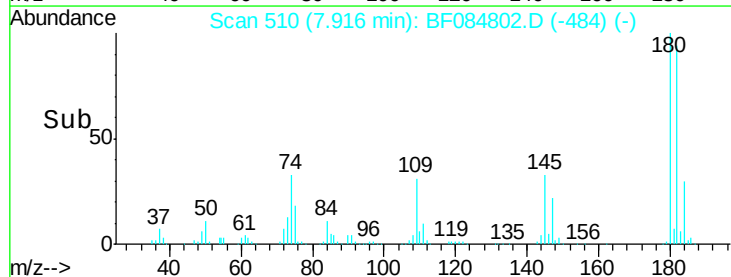
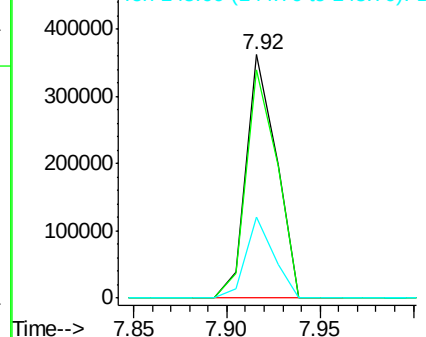


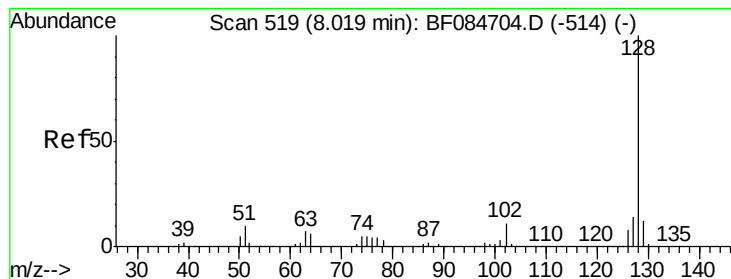
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.39 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

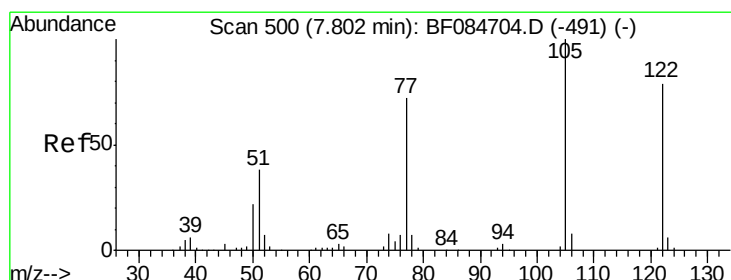
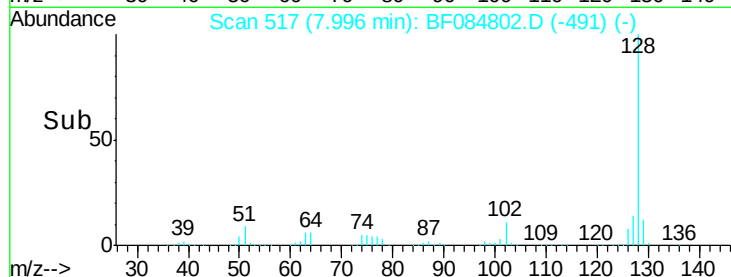
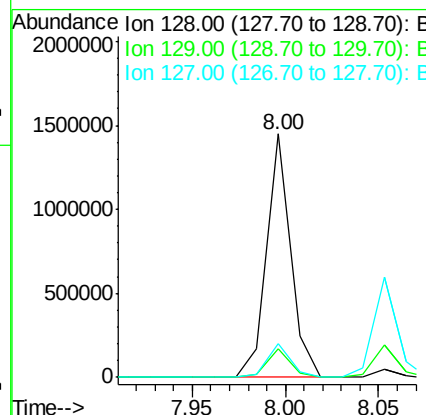
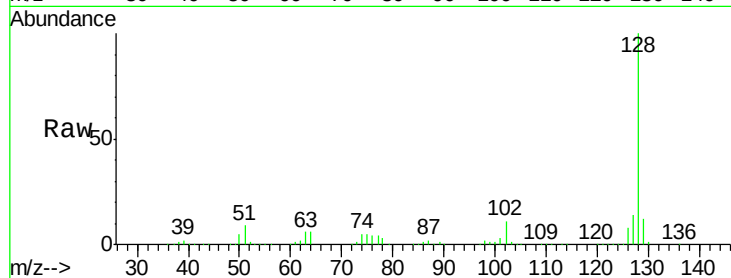
ClientSampleId :

SSTDCCC040EC

|             |               |
|-------------|---------------|
| Tot Ion:128 | Resp: 1282903 |
| Ion Ratio   | Lower Upper   |
| 128 100     |               |
| 129 11.9    | 9.1 13.7      |
| 127 14.0    | 11.1 16.7     |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#32

Benzoic acid

Concen: 45.36 ng

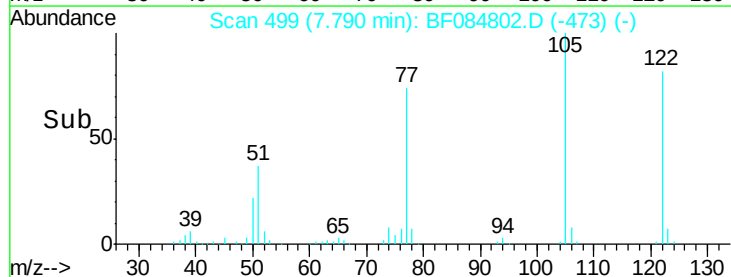
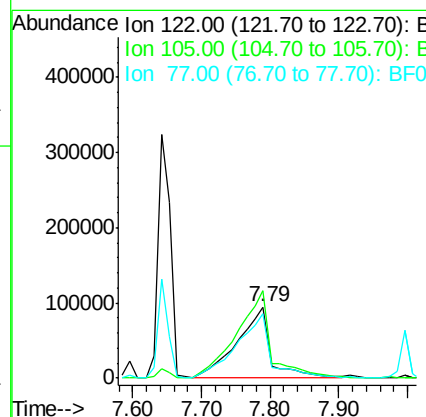
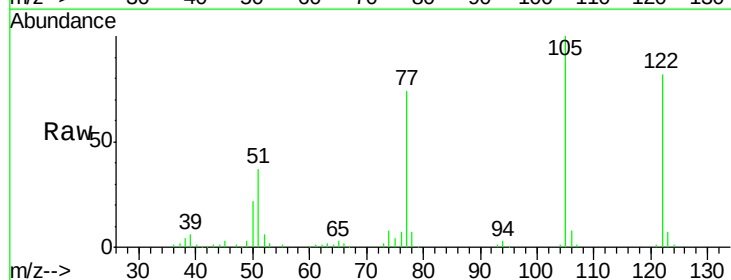
RT: 7.79 min Scan# 499

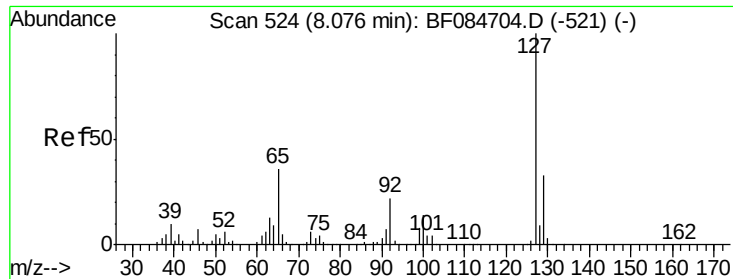
Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

|             |              |
|-------------|--------------|
| Tgt Ion:122 | Resp: 315209 |
| Ion Ratio   | Lower Upper  |
| 122 100     |              |
| 105 122.7   | 100.3 140.3  |
| 77 90.8     | 63.5 103.5   |





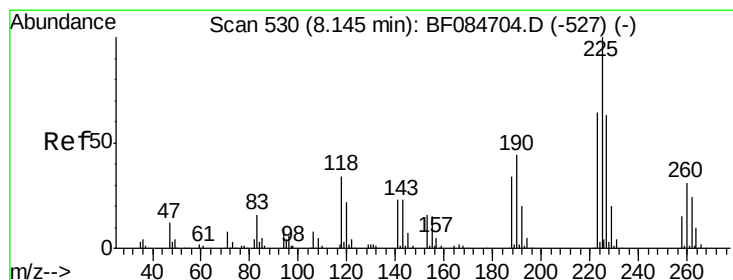
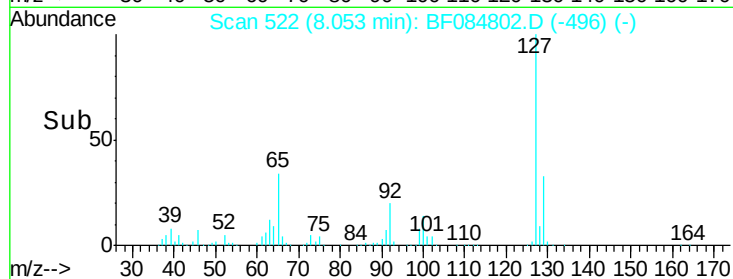
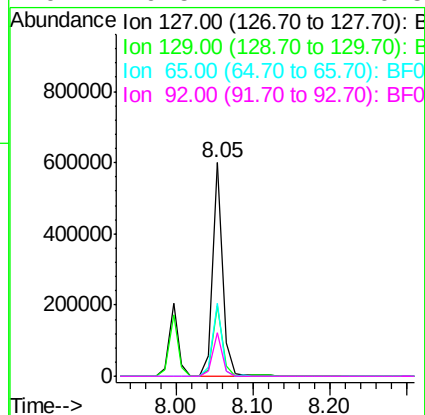
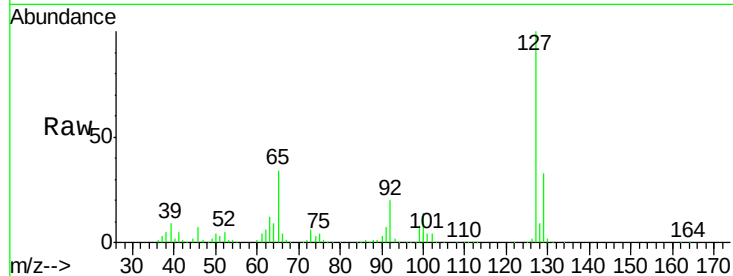
#33  
4-Chloroaniline  
Concen: 38.51 ng  
RT: 8.05 min Scan# 522  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.8 | 26.5  | 39.7 |       |       |
| 65      | 34.3 | 27.2  | 40.8 |       |       |
| 92      | 20.5 | 17.7  | 26.5 |       |       |

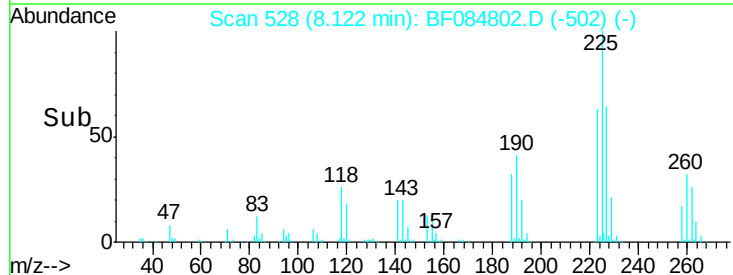
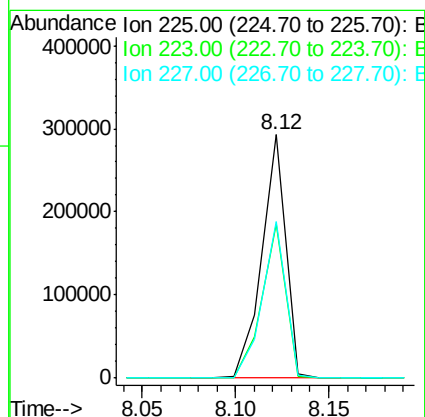
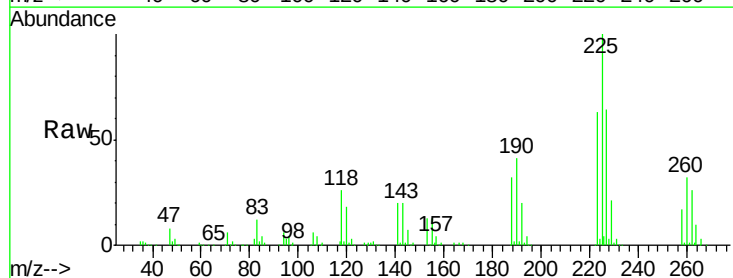
Manual Integrations  
APPROVED

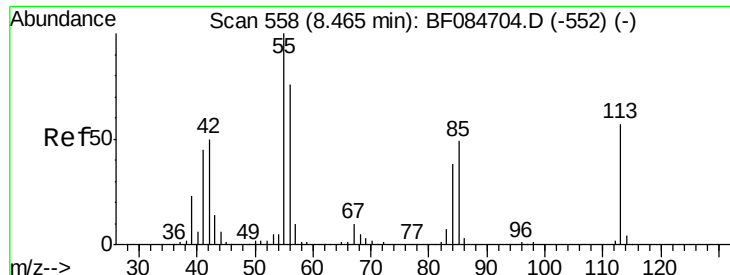
mohammad  
2/4/2016 2:04:49 PM



#34  
Hexachlorobutadiene  
Concen: 42.52 ng  
RT: 8.12 min Scan# 528  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.3 | 49.4  | 74.0 |       |       |
| 227     | 64.1 | 50.8  | 76.2 |       |       |





#35

Caprolactam

Concen: 43.35 ng

RT: 8.44 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

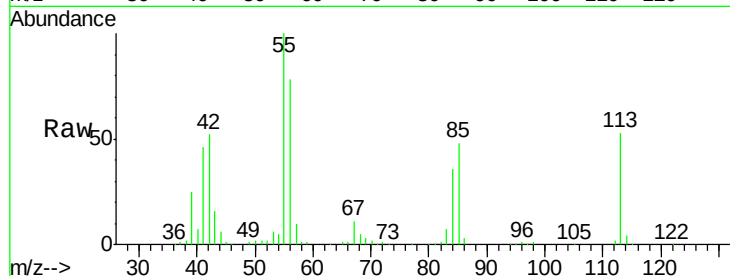
ClientSampleId :

SSTDCCC040EC

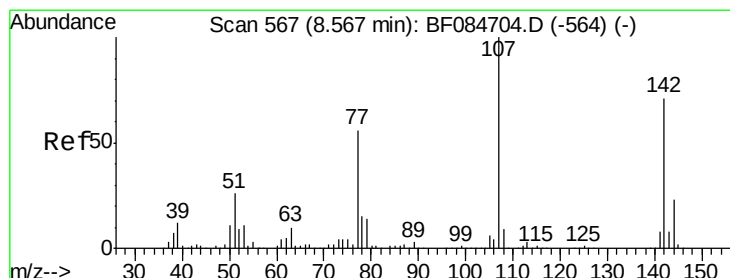
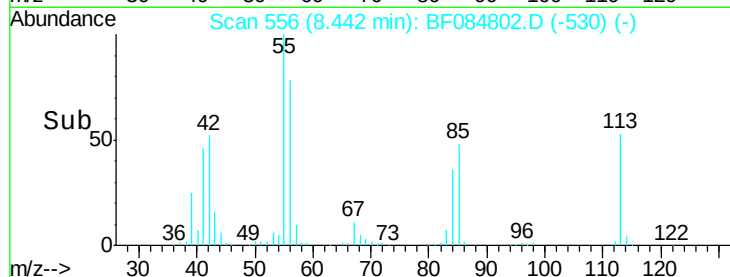
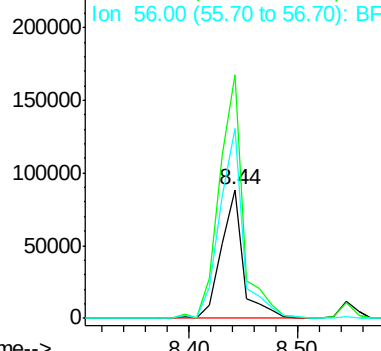
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 124204 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 188.7 | 116.9 | 156.9# |
| 56        | 147.4 | 93.8  | 133.8# |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



Abundance Ion 113.00 (112.70 to 113.70): E



#36

4-Chloro-3-methylphenol

Concen: 37.66 ng

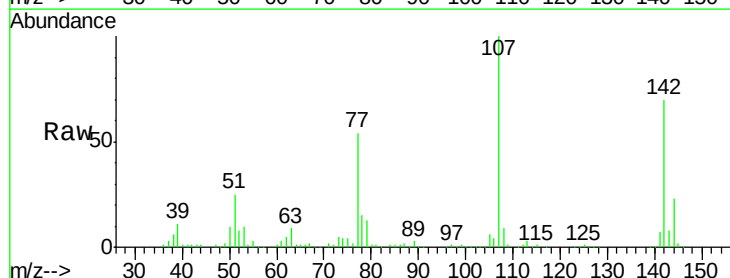
RT: 8.54 min Scan# 565

Delta R.T. 0.00 min

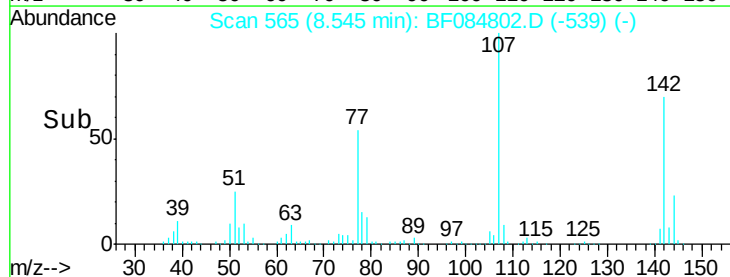
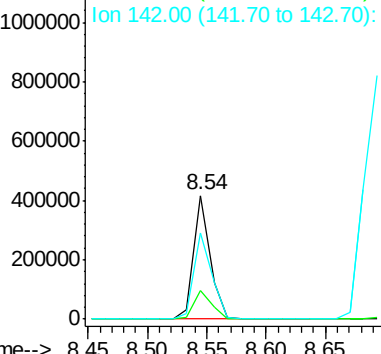
Lab File: BF084802.D

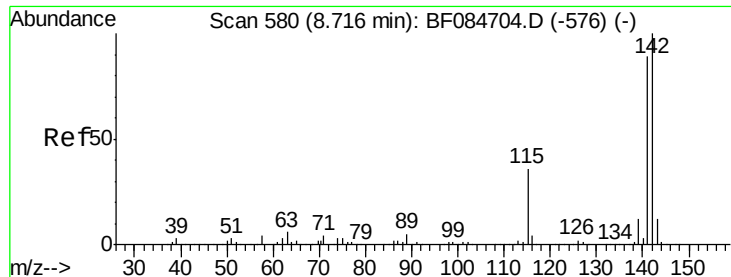
Acq: 3 Feb 2016 23:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 399296 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 23.0  | 19.7  | 29.5   |
| 142       | 69.9  | 61.8  | 92.6   |



Abundance Ion 107.00 (106.70 to 107.70): E





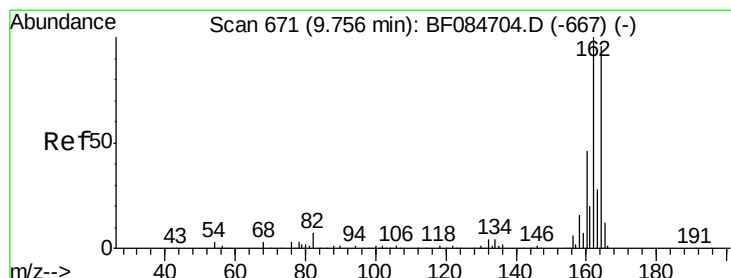
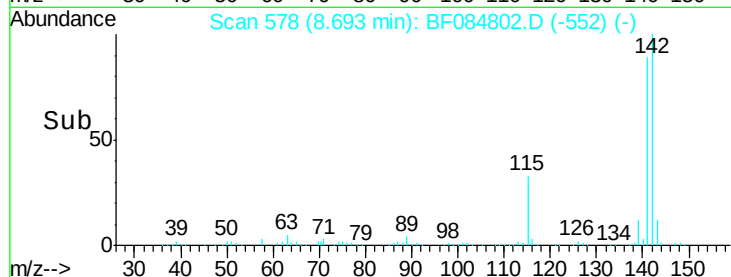
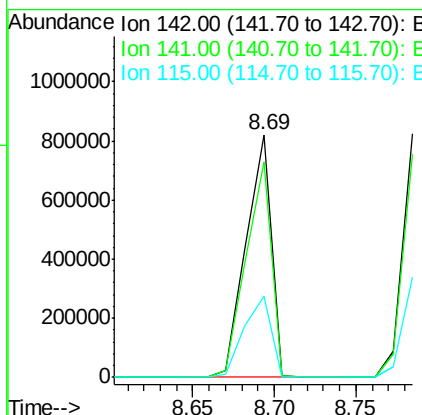
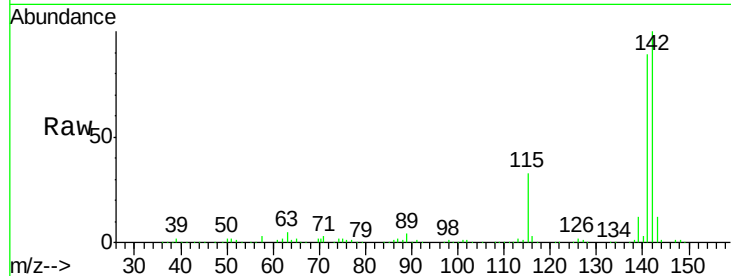
#37  
2-Methylnaphthalene  
Concen: 42.20 ng  
RT: 8.69 min Scan# 578  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 72.4  | 108.6 |
| 115     | 33.2  | 27.9  | 41.9  |

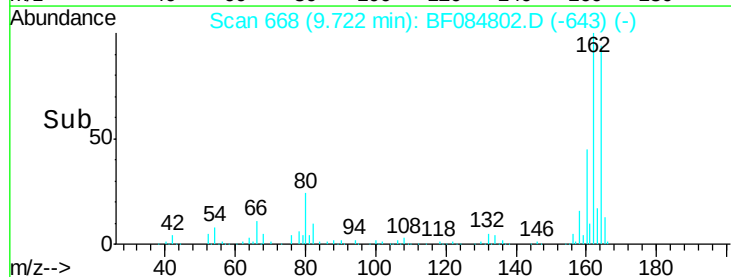
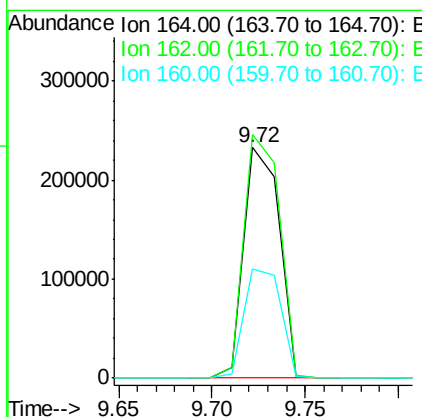
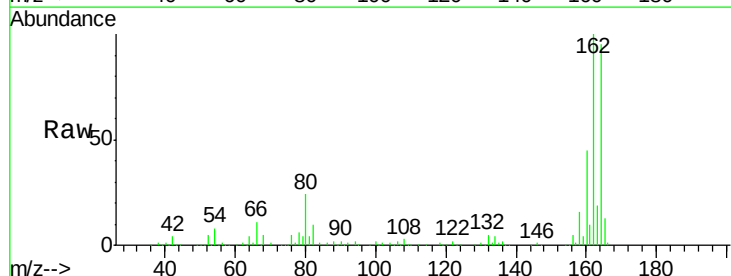
Manual Integrations  
APPROVED

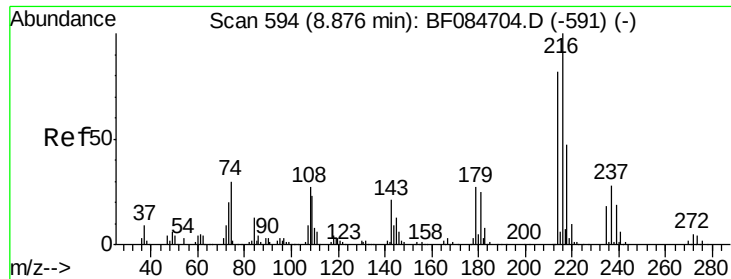
mohammad  
2/4/2016 2:04:49 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.72 min Scan# 668  
Delta R.T. -0.01 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.7 | 85.1  | 127.7 |
| 160     | 47.6  | 37.5  | 56.3  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.45 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

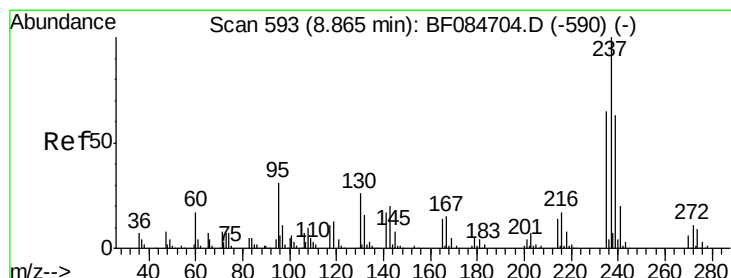
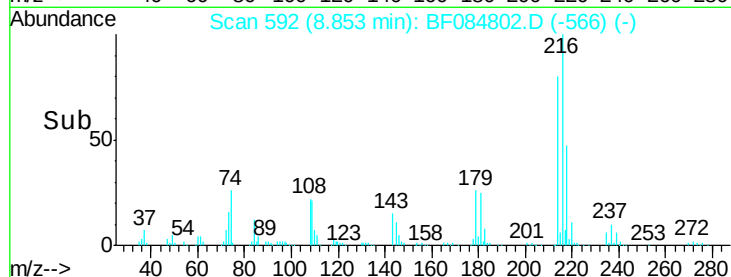
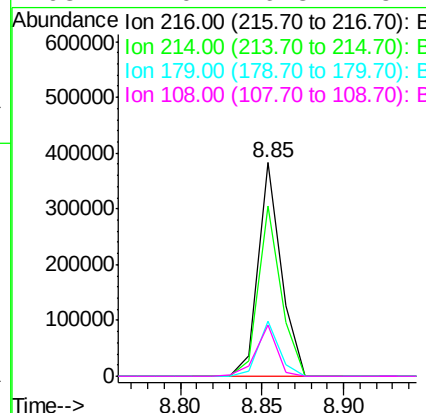
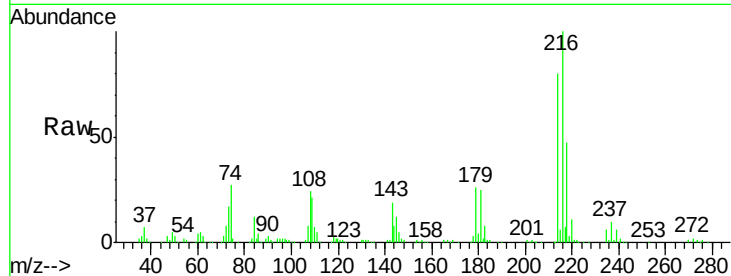
ClientSampleId :

SSTDCCC040EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 374378 |       |       |
| 214     | 79.0 |       | 64.2   | 96.2  |       |
| 179     | 23.9 |       | 18.7   | 28.1  |       |
| 108     | 22.0 |       | 16.8   | 25.2  |       |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#40

Hexachlorocyclopentadiene

Concen: 47.12 ng

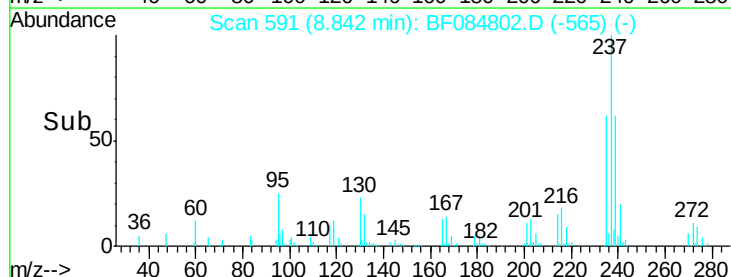
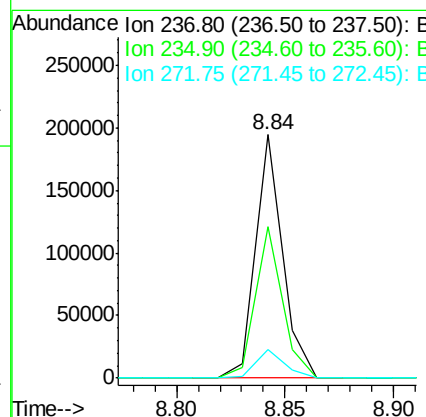
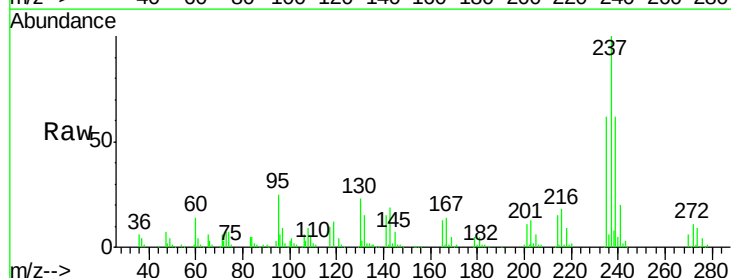
RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

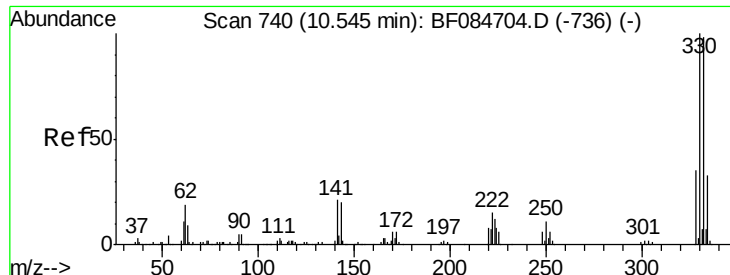
Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 167668 |       |       |
| 235     | 62.2 |       | 43.1   | 83.1  |       |
| 272     | 11.5 |       | 0.0    | 35.1  |       |







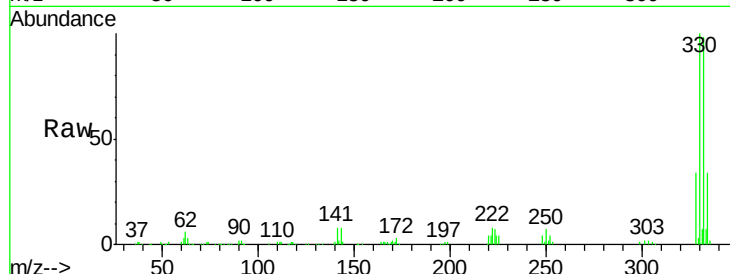
#41  
 2,4,6-Tribromophenol  
 Concen: 83.27 ng  
 RT: 10.52 min Scan# 738  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 266271 |       |       |
| 332     | 96.3  |        | 76.6  | 114.8 |
| 141     | 34.4  |        | 27.8  | 41.6  |

Manual Integrations  
 APPROVED

mohammad  
 2/4/2016 2:04:49 PM

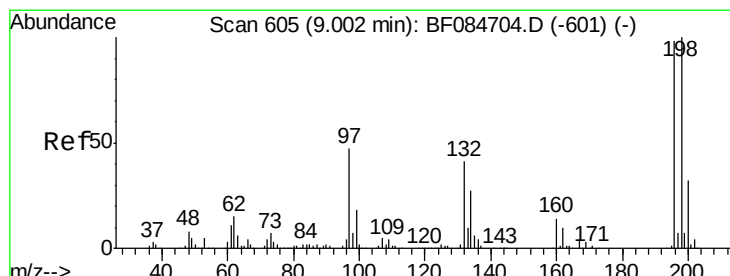
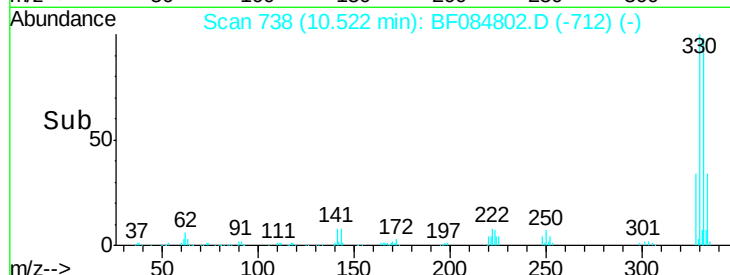
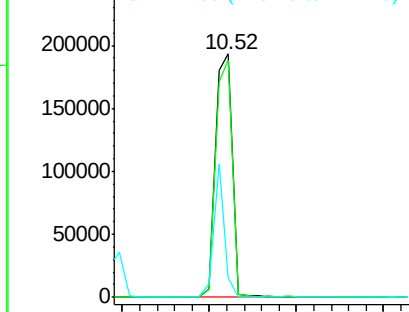


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 40.38 ng  
 RT: 8.98 min Scan# 603  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

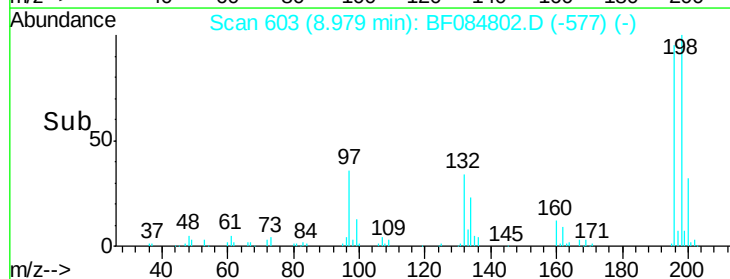
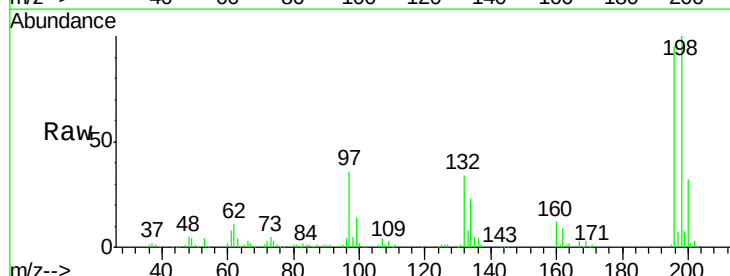
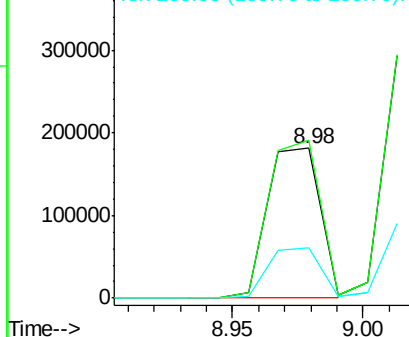
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 253285 |       |       |
| 198     | 105.3 |        | 77.7  | 116.5 |
| 200     | 34.0  |        | 24.6  | 37.0  |

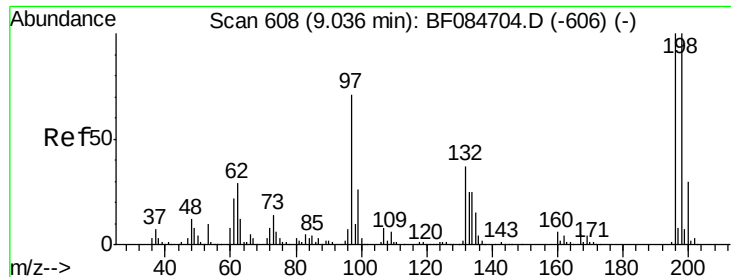
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





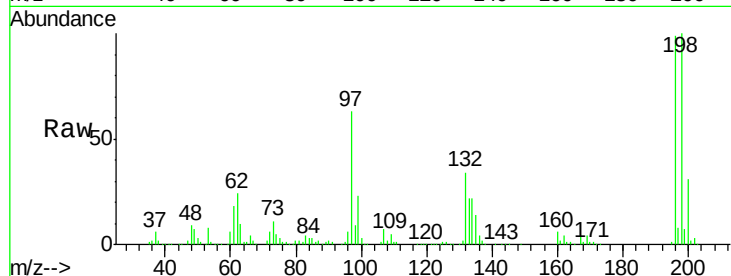
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.93 ng  
 RT: 9.01 min Scan# 606  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion   | 196   | Resp  | 267258 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 100.5 | 79.0  | 118.6  |
| 97        | 63.5  | 33.0  | 49.6#  |
| 132       | 34.3  | 21.1  | 31.7#  |

Manual Integrations  
 APPROVED

mohammad  
 2/4/2016 2:04:49 PM



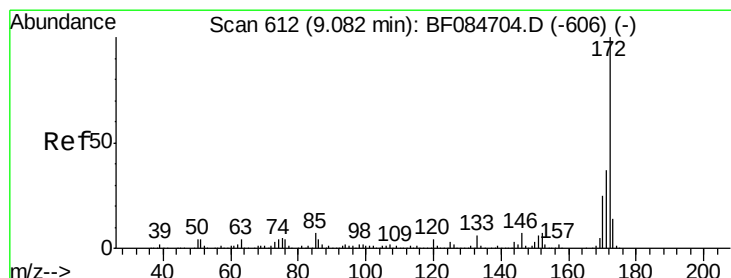
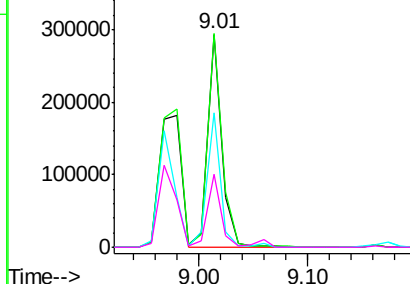
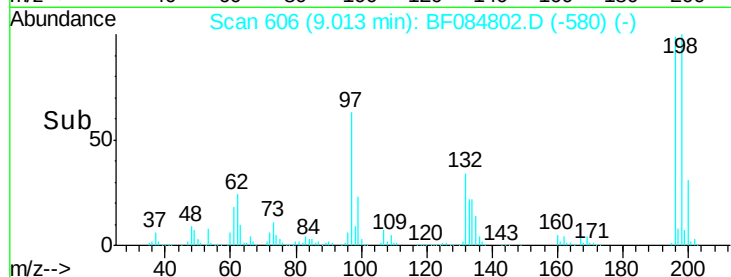
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

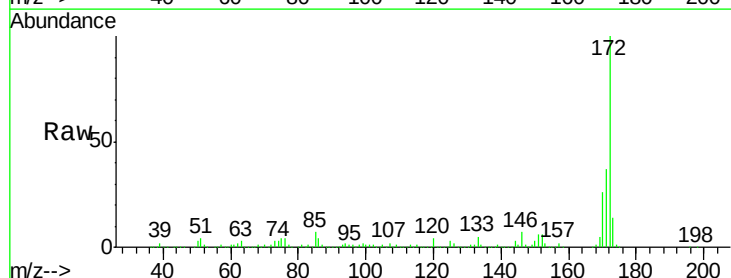
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 96.35 ng  
 RT: 9.06 min Scan# 610  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

| Tgt Ion   | 172   | Resp  | 1675433 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 37.2  | 28.9  | 43.3    |
| 170       | 25.6  | 18.6  | 27.8    |

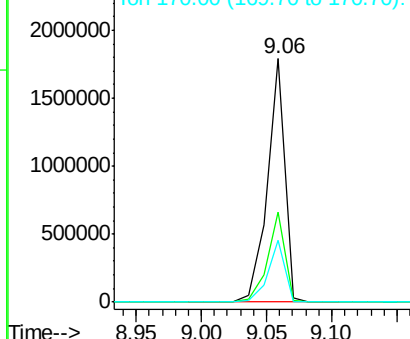
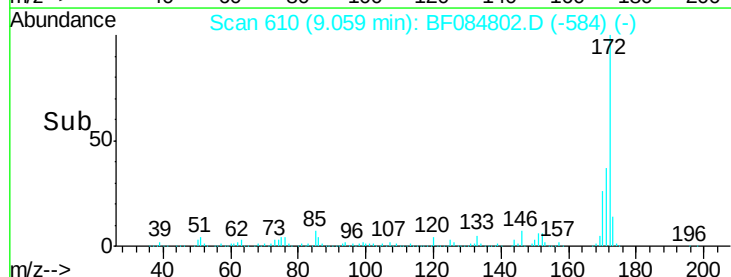


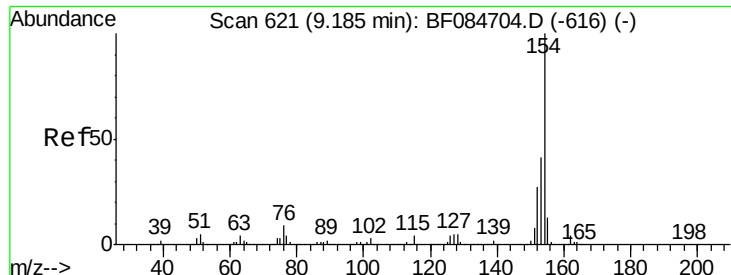
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.17 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1127463

Ion Ratio Lower Upper

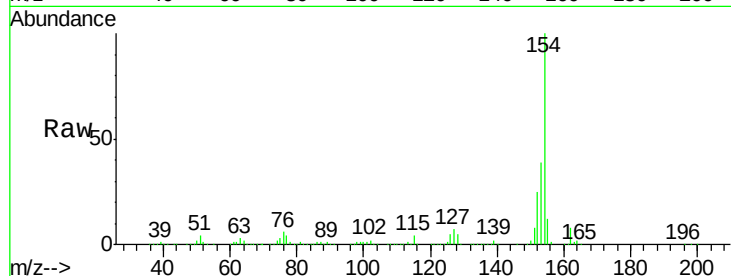
154 100

153 38.8 21.6 61.6

76 6.4 0.0 32.7

Manual Integrations  
APPROVED

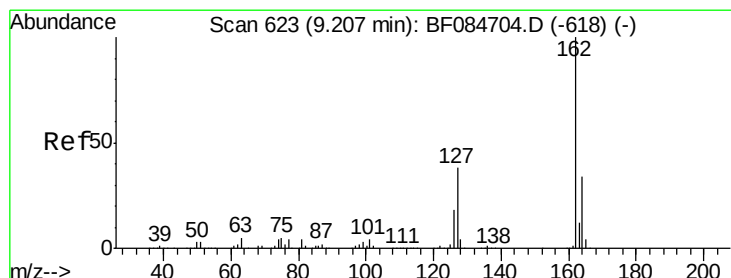
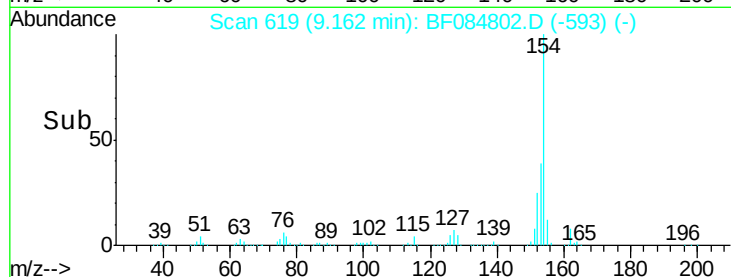
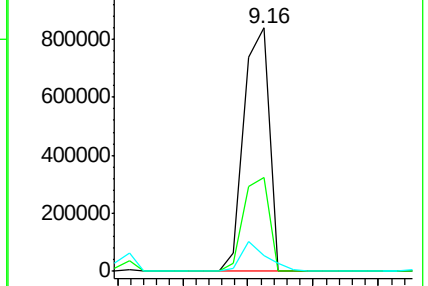
mohammad  
2/4/2016 2:04:49 PM



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: 38.53 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

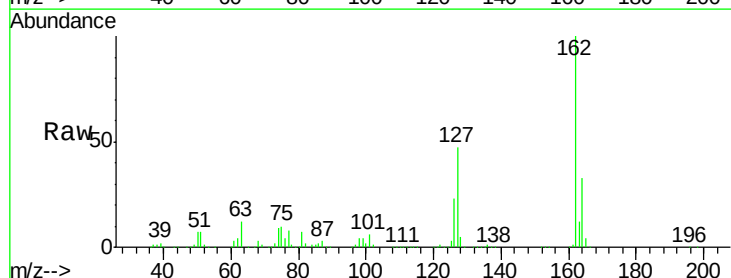
Tgt Ion:162 Resp: 776973

Ion Ratio Lower Upper

162 100

127 47.4 40.2 60.4

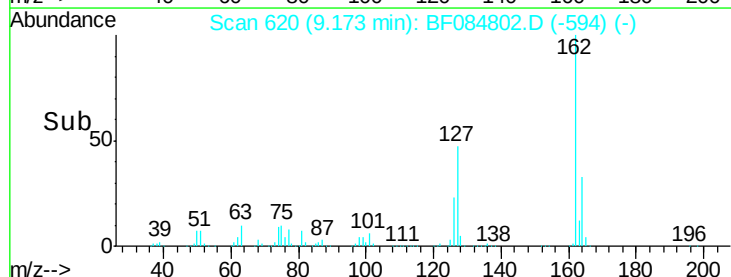
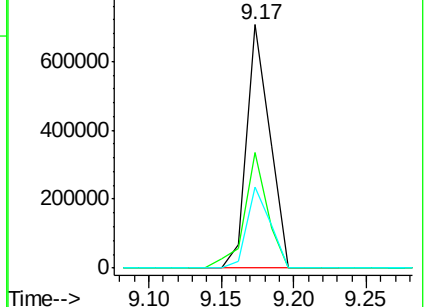
164 33.3 25.7 38.5

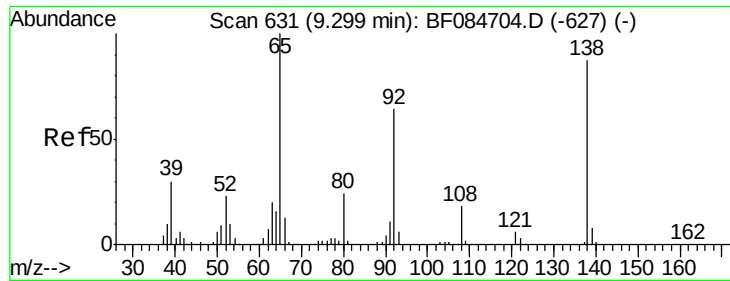


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





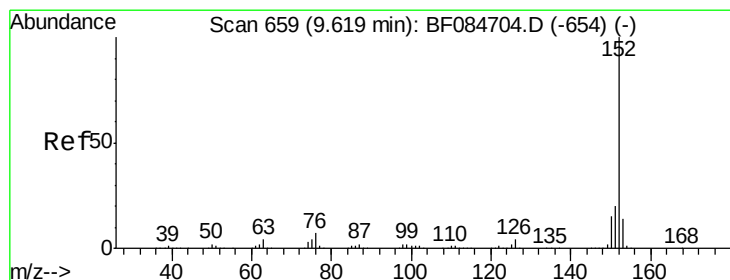
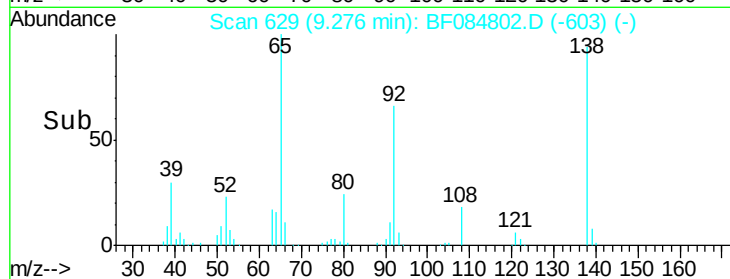
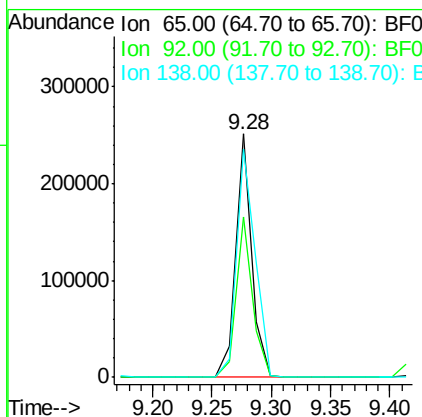
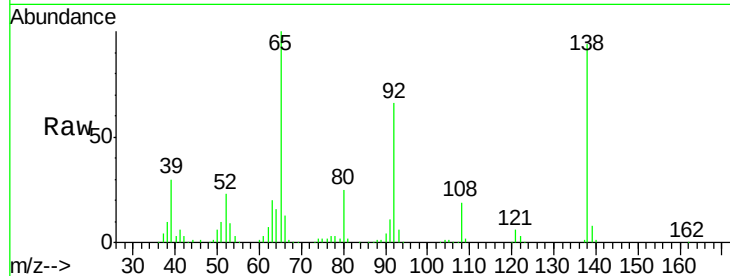
#47  
2-Nitroaniline  
Concen: 37.03 ng  
RT: 9.28 min Scan# 629  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.1  | 53.4  | 80.2  |
| 138     | 93.9  | 71.1  | 106.7 |

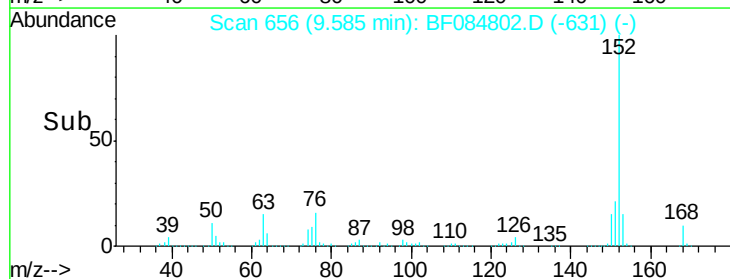
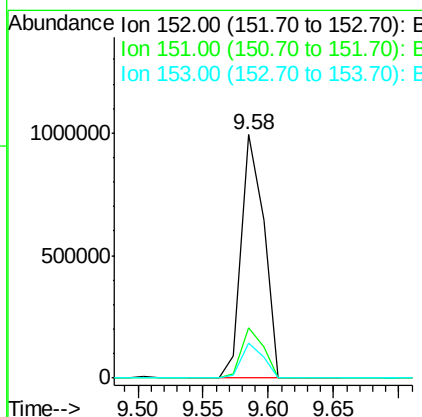
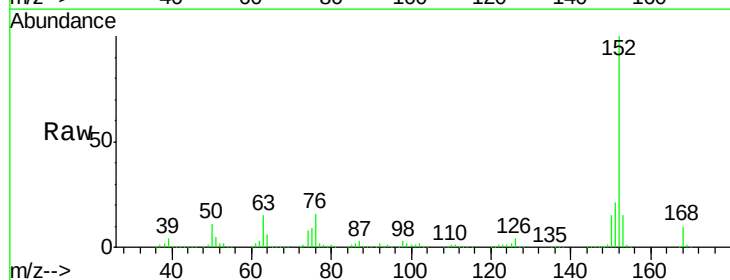
Manual Integrations  
APPROVED

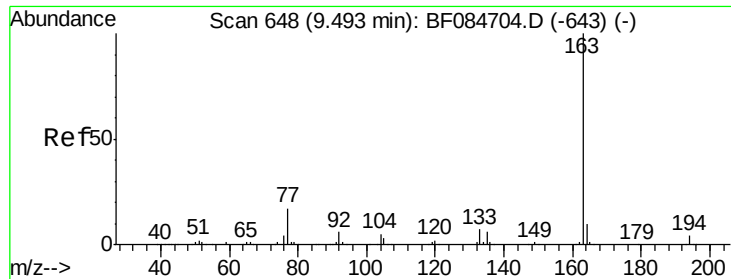
mohammad  
2/4/2016 2:04:49 PM



#48  
Acenaphthylene  
Concen: 38.78 ng  
RT: 9.58 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 16.3  | 24.5  |
| 153     | 14.5  | 10.4  | 15.6  |





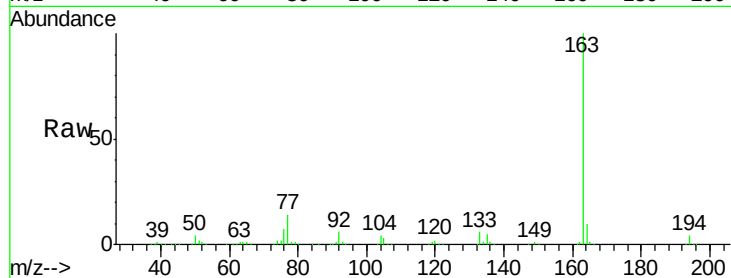
#49  
Dimethylphthalate  
Concen: 41.28 ng  
RT: 9.47 min Scan# 646  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 963922 |       |       |
| 194     | 3.7   |        | 8.0   | 12.0# |
| 164     | 9.7   |        | 8.0   | 12.0  |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM

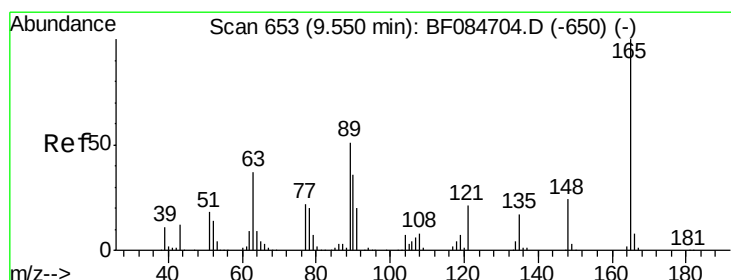
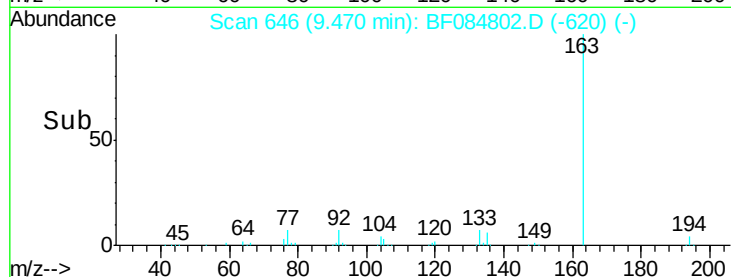
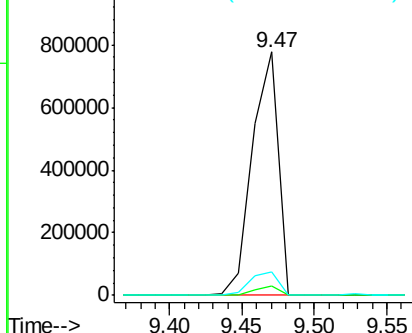


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50  
2,6-Dinitrotoluene  
Concen: 46.35 ng  
RT: 9.53 min Scan# 651  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

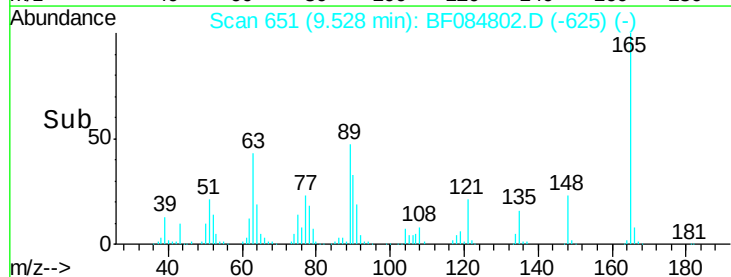
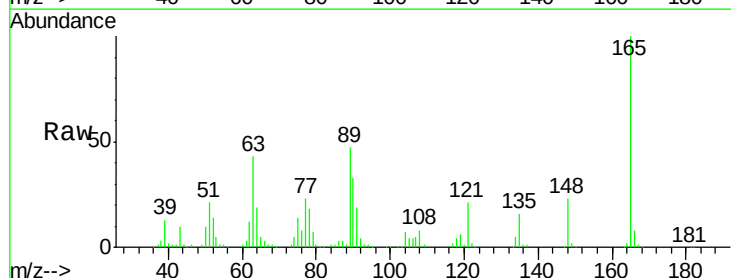
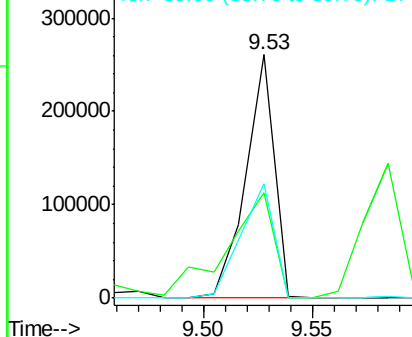
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 236451 |       |       |
| 63      | 43.3  |        | 28.8  | 43.2# |
| 89      | 46.8  |        | 35.1  | 52.7  |

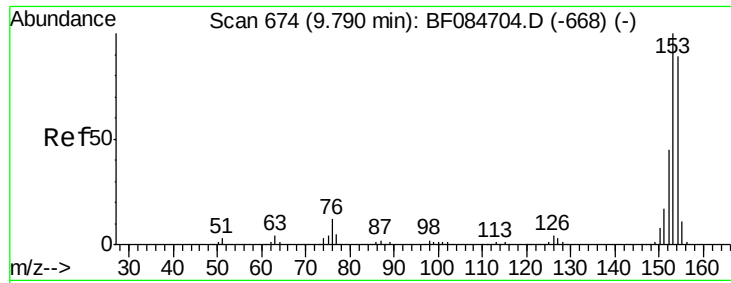
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.04 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

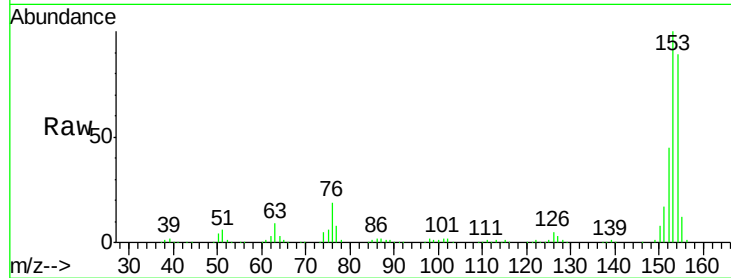
ClientSampleId :

SSTDCCC040EC

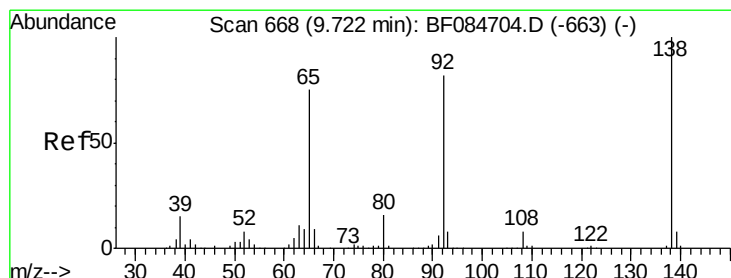
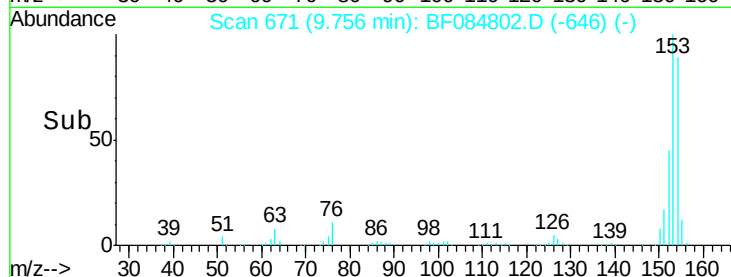
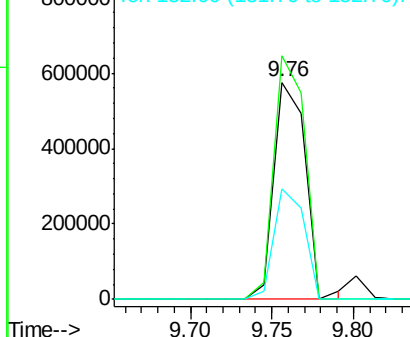
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 777215 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.0 | 91.5  | 137.3  |
| 152       | 50.8  | 43.0  | 64.6   |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.87 ng

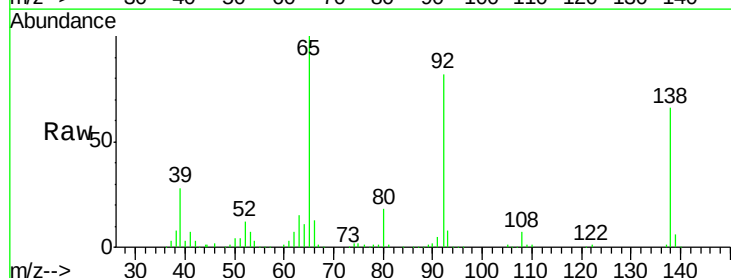
RT: 9.69 min Scan# 665

Delta R.T. -0.01 min

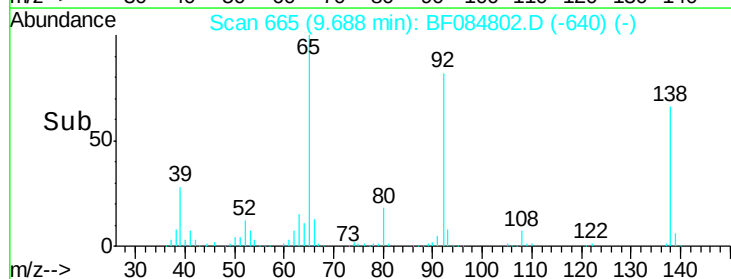
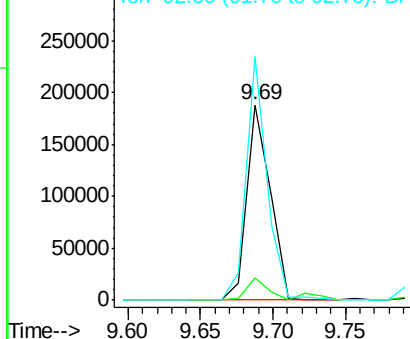
Lab File: BF084802.D

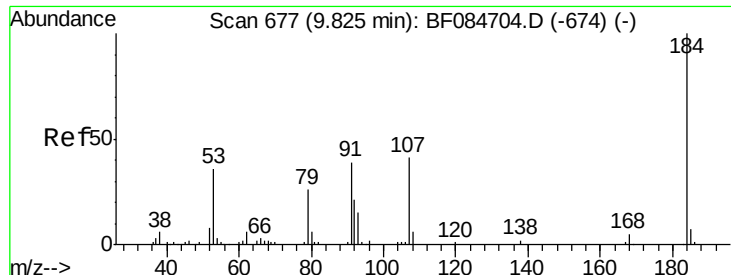
Acq: 3 Feb 2016 23:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 211349 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 11.2  | 10.5  | 15.7   |
| 92        | 124.5 | 103.9 | 155.9  |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0





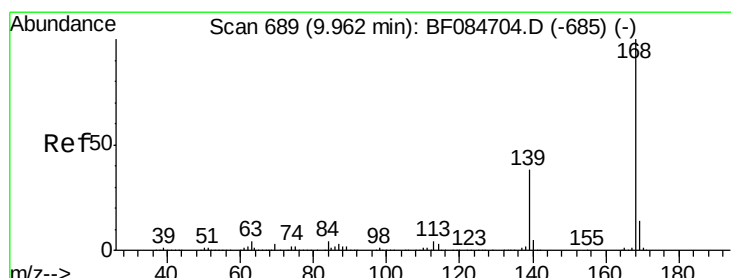
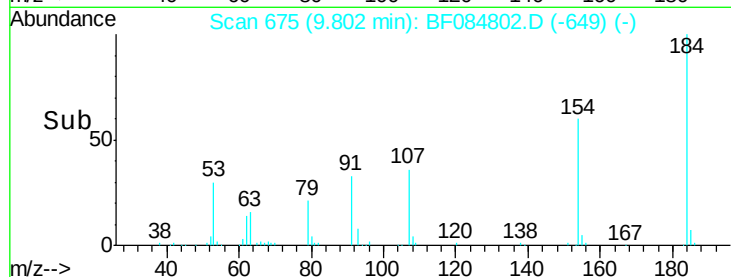
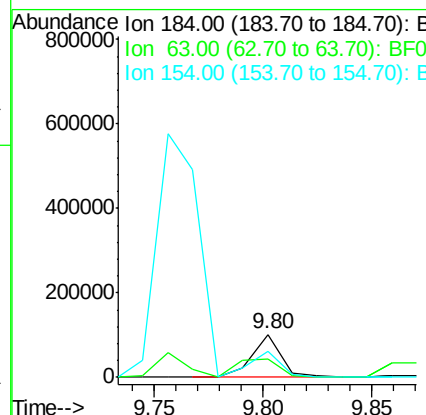
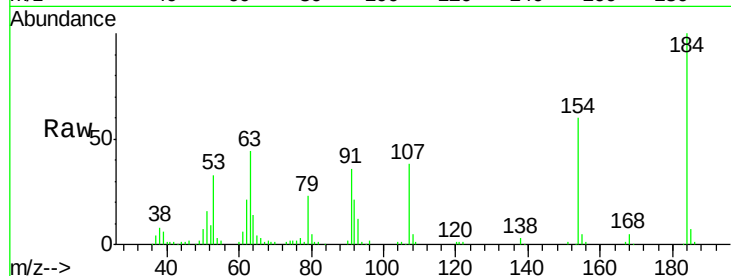
#53  
 2,4-Dinitrophenol  
 Concen: 42.95 ng  
 RT: 9.80 min Scan# 675  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 43.5  | 43.1 | 64.7  |       |
| 154     | 60.3  | 60.5 | 90.7# |       |

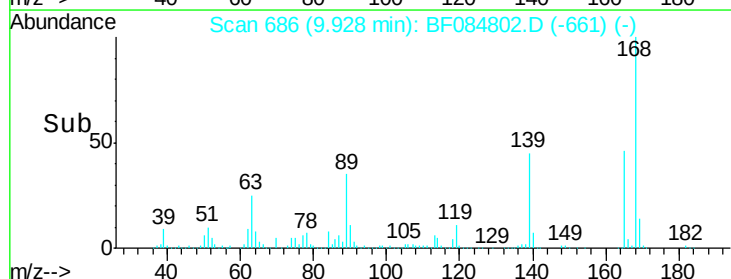
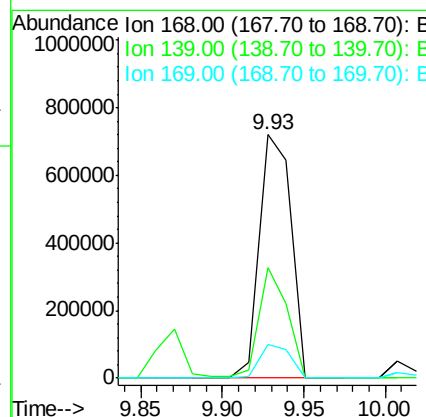
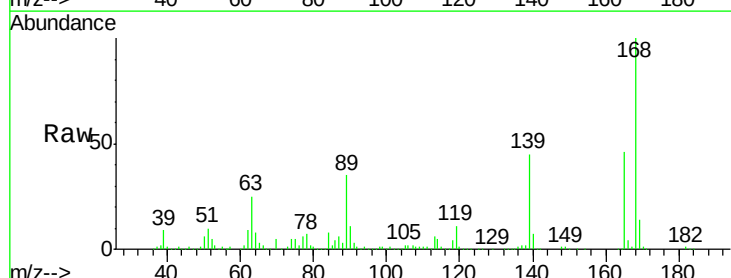
Manual Integrations  
 APPROVED

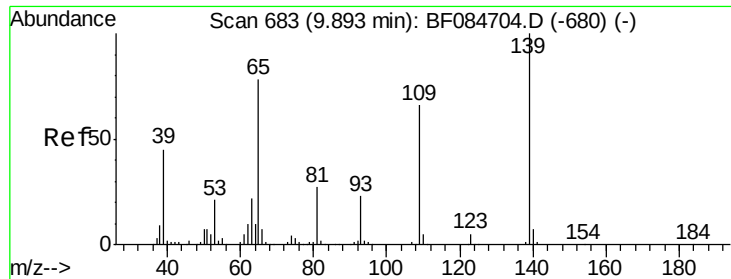
mohammad  
 2/4/2016 2:04:49 PM



#54  
 Dibenzofuran  
 Concen: 39.96 ng  
 RT: 9.93 min Scan# 686  
 Delta R.T. -0.01 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 45.1  | 30.5 | 45.7  |       |
| 169     | 13.8  | 10.4 | 15.6  |       |





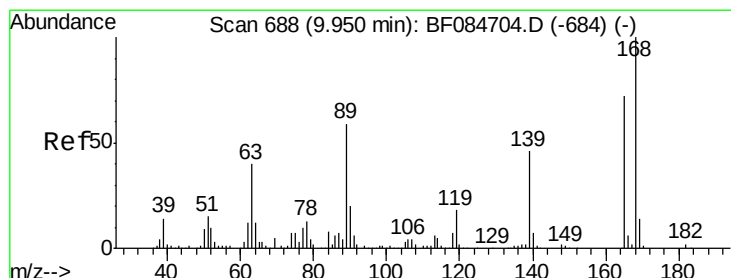
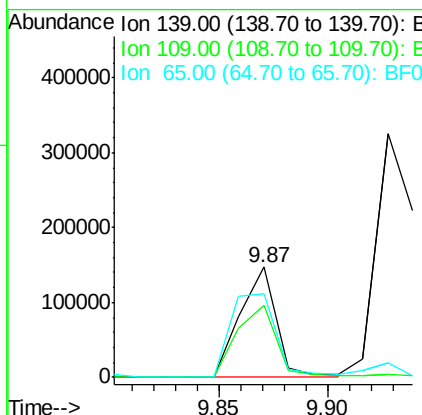
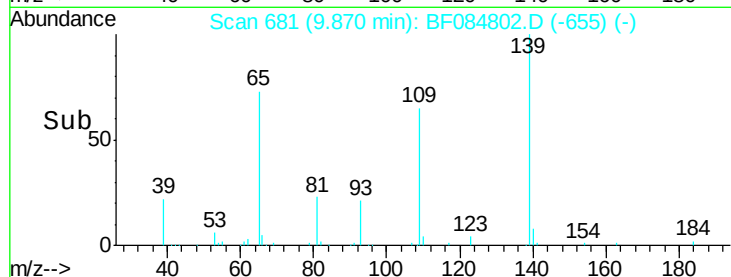
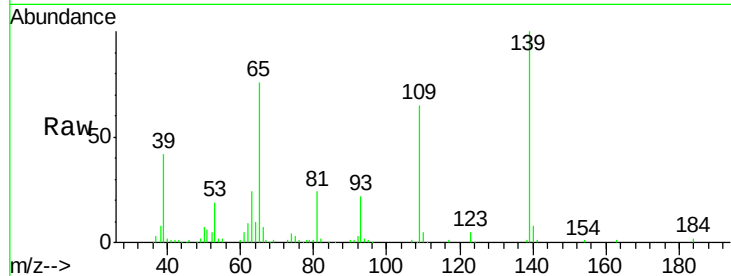
#55  
4-Nitrophenol  
Concen: 40.47 ng  
RT: 9.87 min Scan# 681  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 170499 |       |       |
| 109     | 65.2  | 58.5   | 98.5  |       |
| 65      | 75.9  | 57.6   | 97.6  |       |

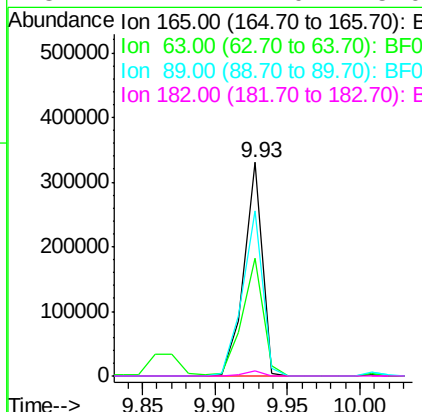
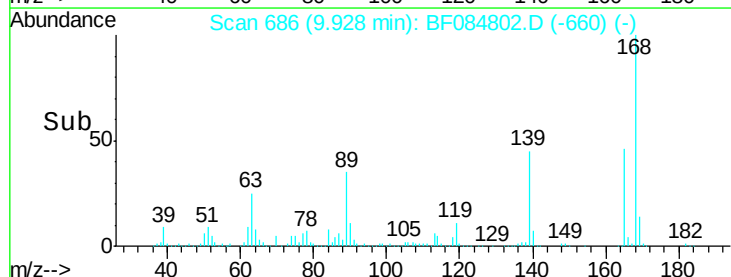
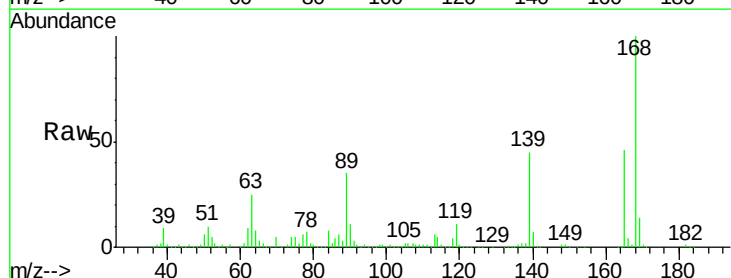
Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM

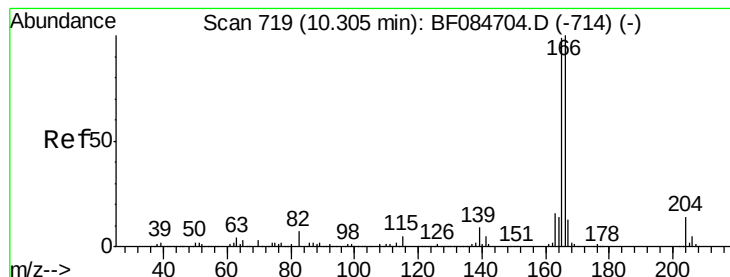


#56  
2,4-Dinitrotoluene  
Concen: 44.56 ng  
RT: 9.93 min Scan# 686  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 289938 |       |       |
| 63      | 55.2  | 36.7   | 55.1# |       |
| 89      | 77.1  | 61.9   | 92.9  |       |
| 182     | 2.2   | 2.0    | 3.0   |       |







#57

Fluorene

Concen: 37.46 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

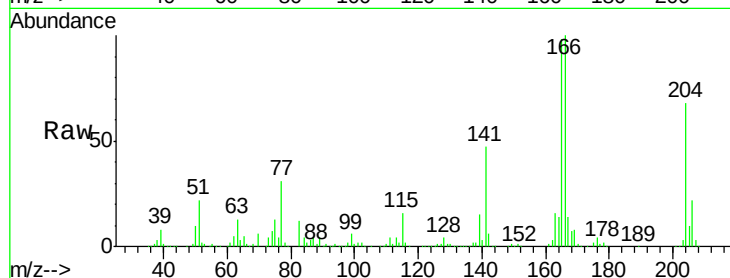
ClientSampleID :

SSTDCCC040EC

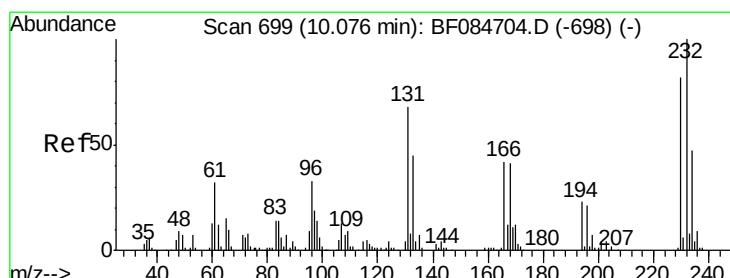
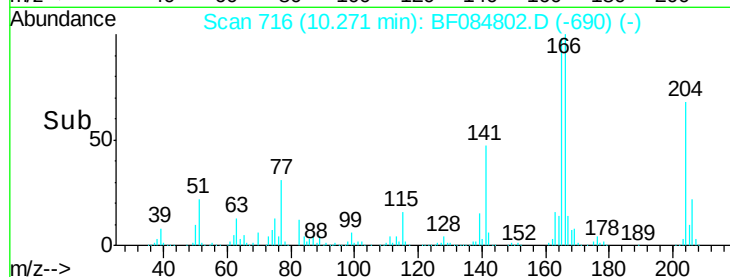
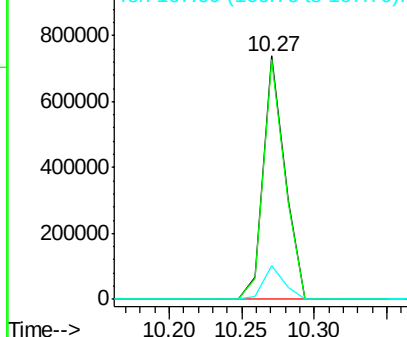
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 761250 |       |       |
| 165     | 98.5  | 79.1   | 118.7 |       |
| 167     | 14.1  | 10.4   | 15.6  |       |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.70 ng

RT: 10.05 min Scan# 697

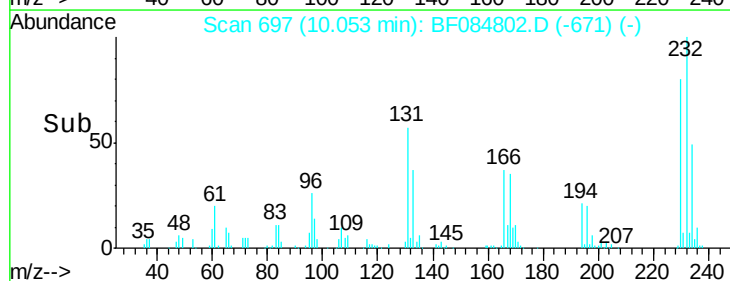
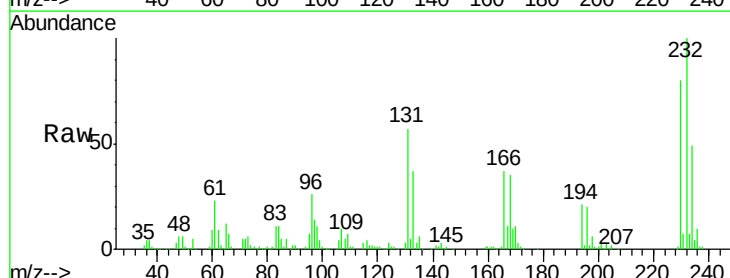
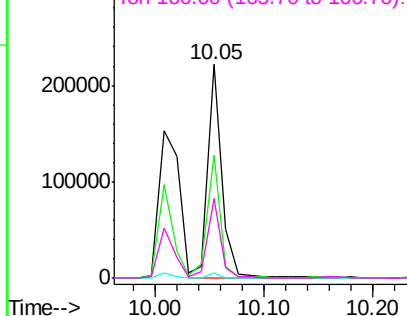
Delta R.T. 0.00 min

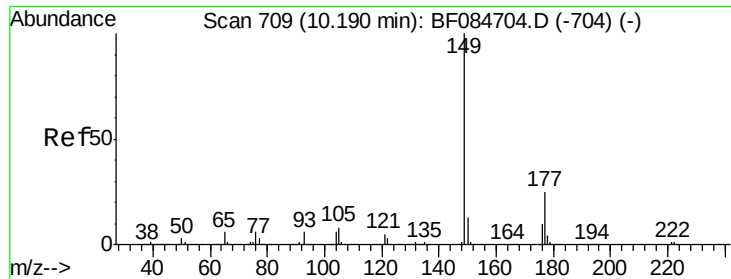
Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 202322 |       |       |
| 131     | 53.9  | 47.0   | 70.6  |       |
| 130     | 2.4   | 2.0    | 3.0   |       |
| 166     | 34.6  | 30.5   | 45.7  |       |

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





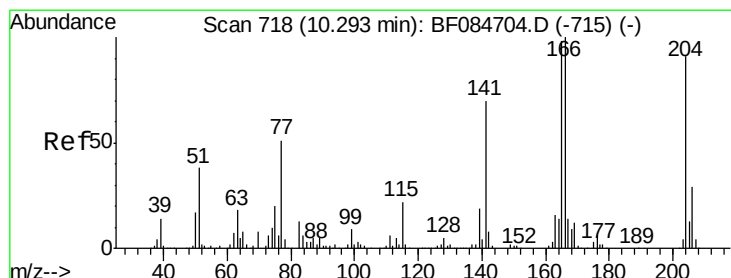
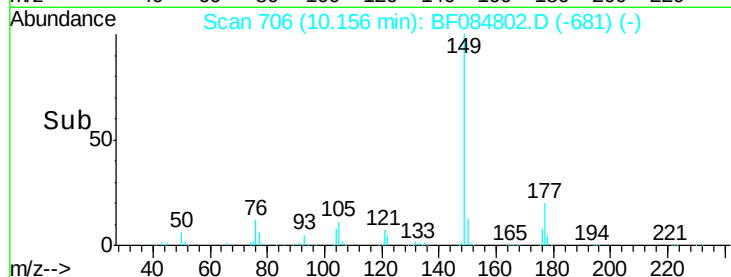
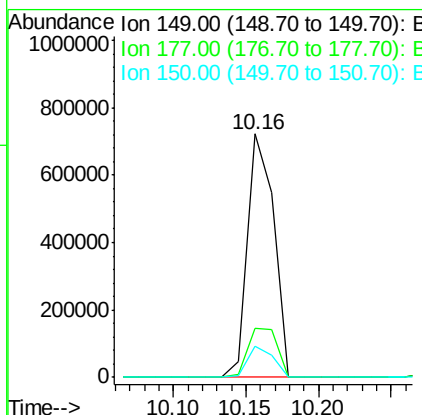
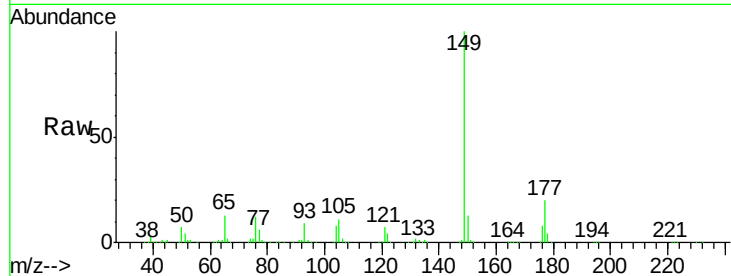
#59  
Diethylphthalate  
Concen: 39.85 ng  
RT: 10.16 min Scan# 706  
Delta R.T. -0.01 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 908599 |       |       |
| 177     | 19.9  | 17.3   | 25.9  |       |
| 150     | 13.0  | 9.8    | 14.8  |       |

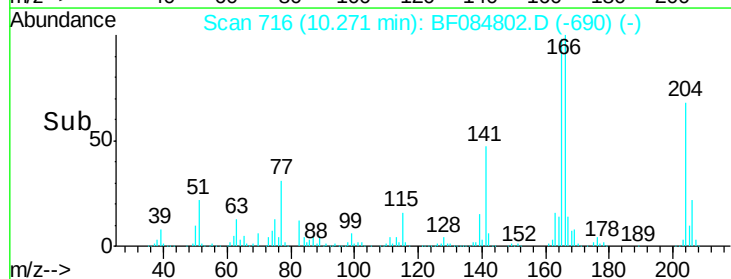
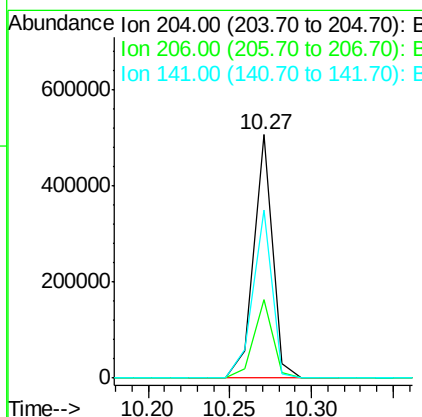
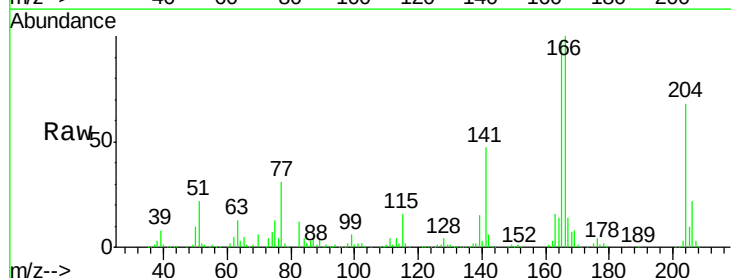
Manual Integrations  
APPROVED

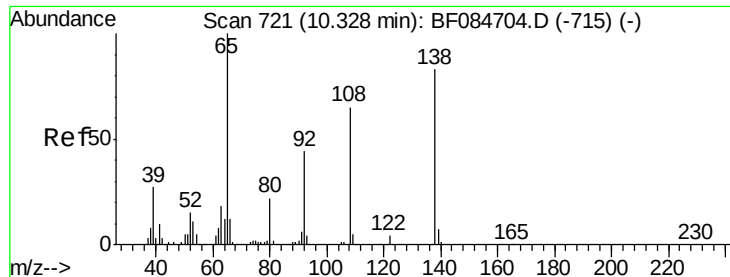
mohammad  
2/4/2016 2:04:49 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 48.31 ng  
RT: 10.27 min Scan# 716  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 407831 |       |       |
| 206     | 32.1  | 25.7   | 38.5  |       |
| 141     | 69.2  | 55.1   | 82.7  |       |





#61

4-Nitroaniline

Concen: 41.32 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

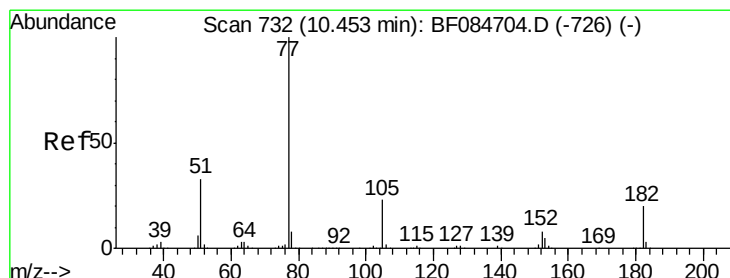
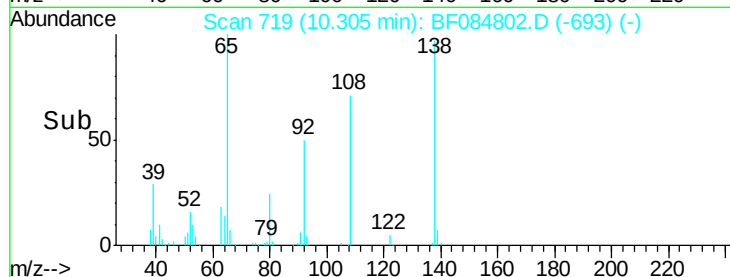
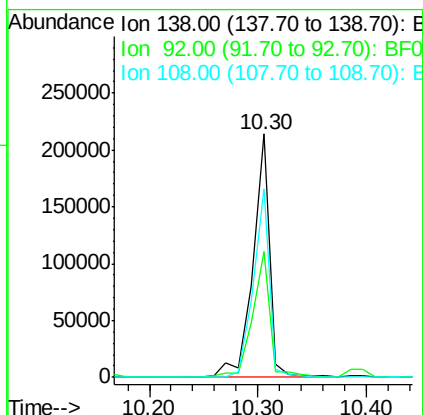
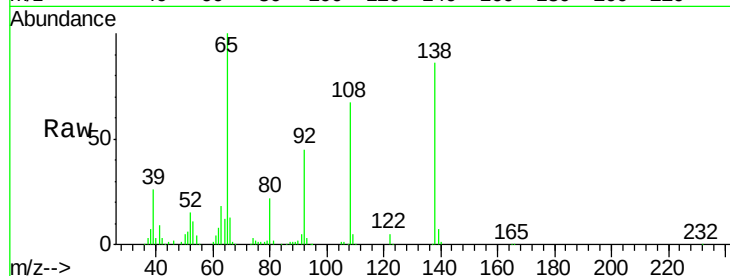
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 230786 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 51.7  | 32.6  | 72.6   |
| 108       | 77.3  | 68.6  | 108.6  |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#62

Azobenzene

Concen: 43.73 ng

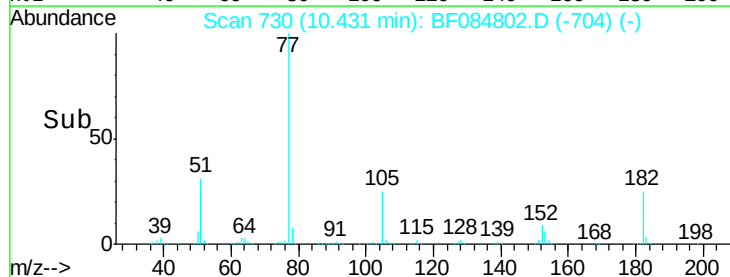
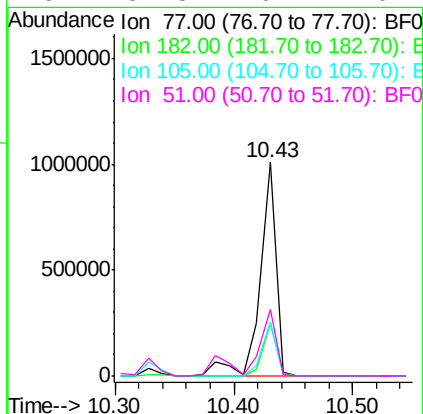
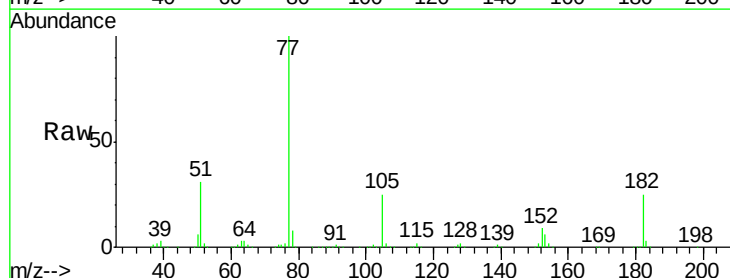
RT: 10.43 min Scan# 730

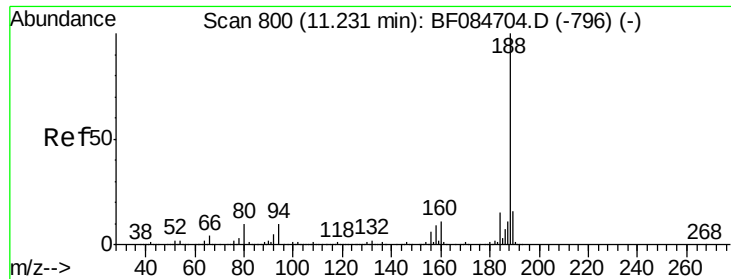
Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 958792 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 24.8  | 8.3   | 48.3   |
| 105       | 25.2  | 4.6   | 44.6   |
| 51        | 31.3  | 6.2   | 46.2   |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

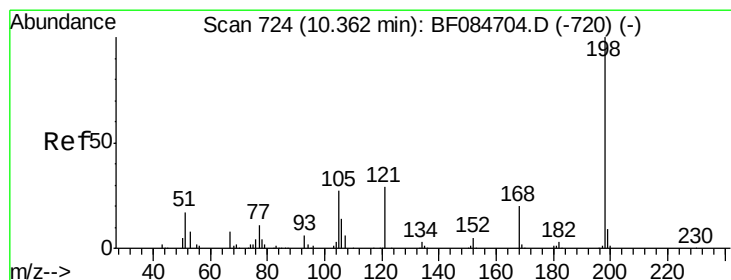
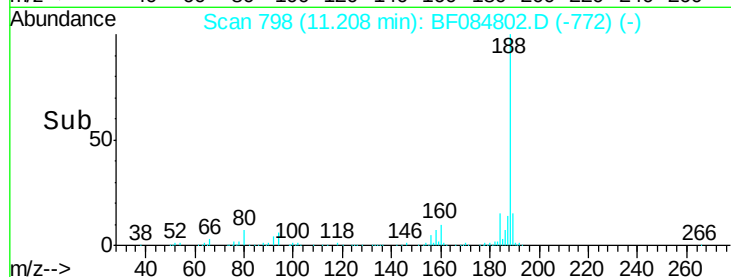
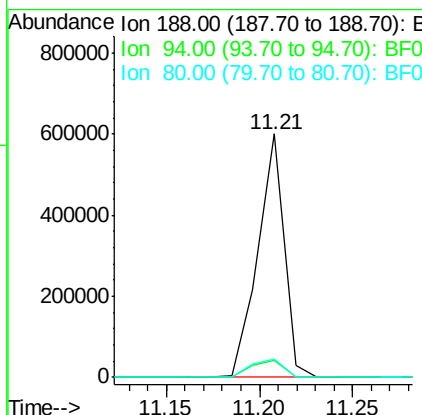
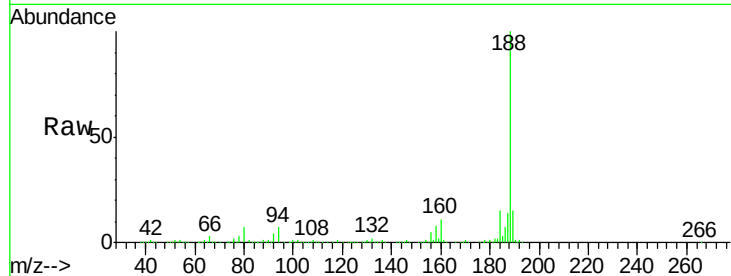
ClientSampleId :

SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 582046 |       |       |
| 94      | 7.1   | 9.0    | 13.4# |       |
| 80      | 7.3   | 9.6    | 14.4# |       |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 43.10 ng

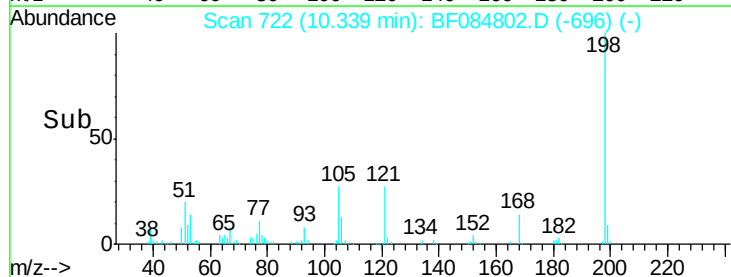
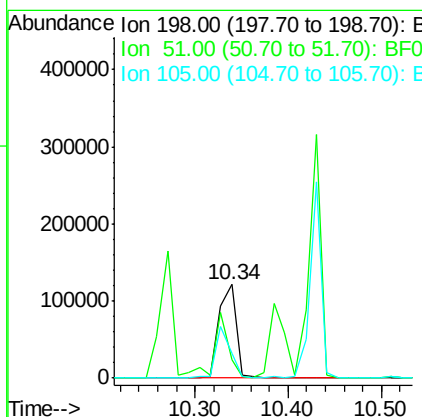
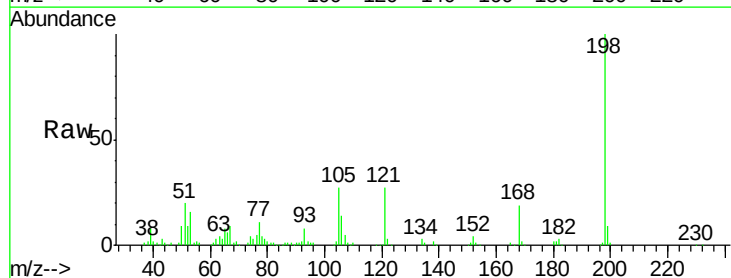
RT: 10.34 min Scan# 722

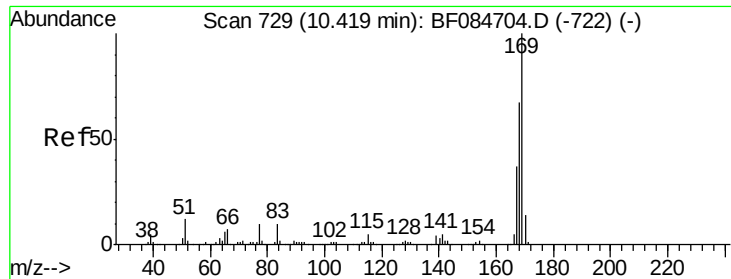
Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 154822 |       |       |
| 51      | 20.3  | 18.9   | 58.9  |       |
| 105     | 26.9  | 26.4   | 66.4  |       |





#65

n-Nitrosodiphenylamine

Concen: 42.04 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

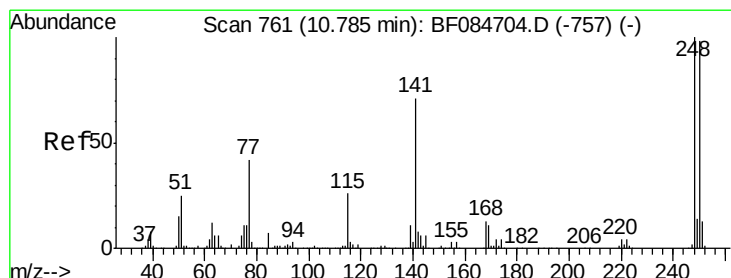
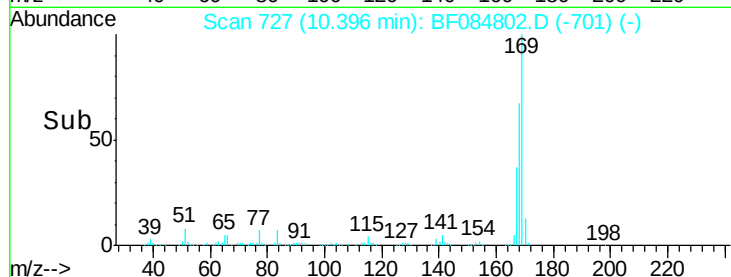
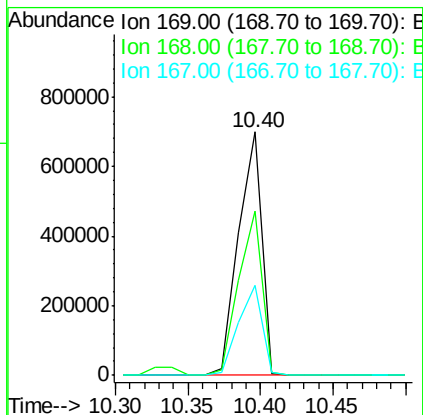
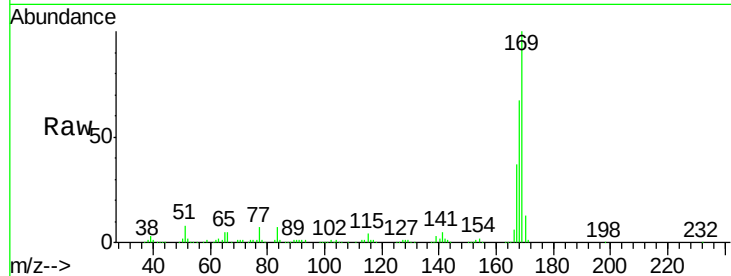
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 776981 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.3  | 55.1  | 82.7   |
| 167       | 37.1  | 30.0  | 45.0   |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#66

4-Bromophenyl-phenylether

Concen: 41.40 ng

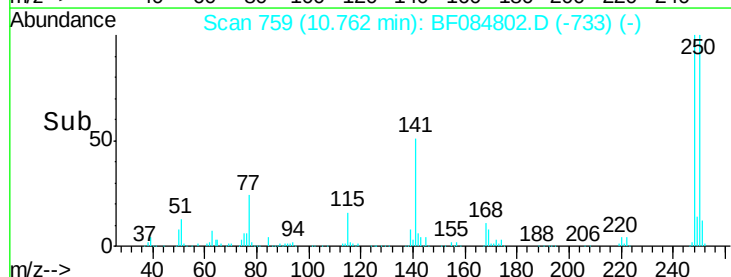
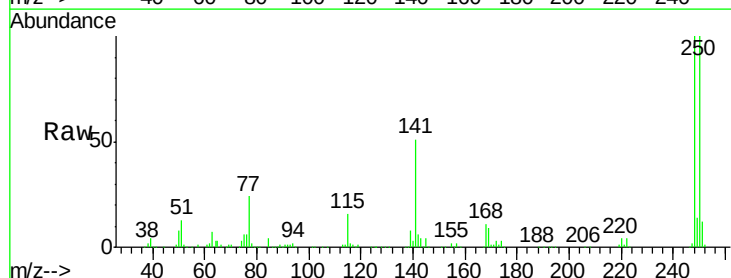
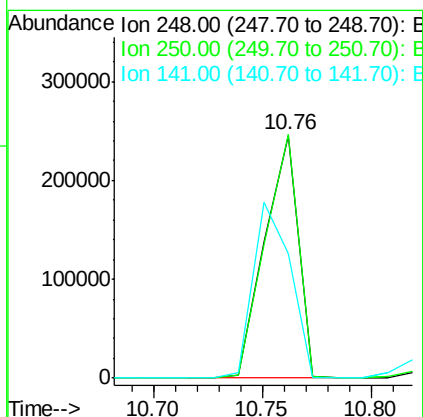
RT: 10.76 min Scan# 759

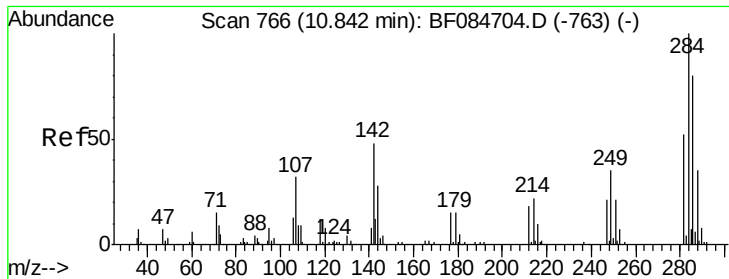
Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 266162 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 100.5 | 78.4  | 117.6  |
| 141       | 51.3  | 44.0  | 66.0   |





#67

Hexachlorobenzene

Concen: 40.97 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

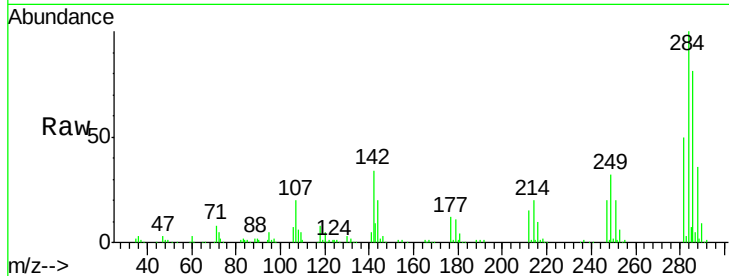
ClientSampleId :

SSTDCCC040EC

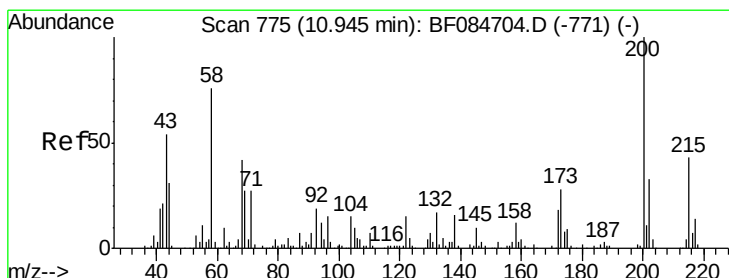
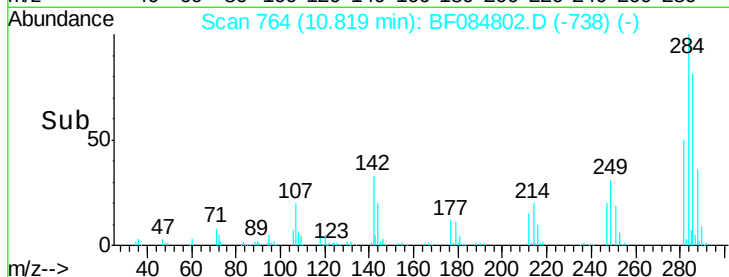
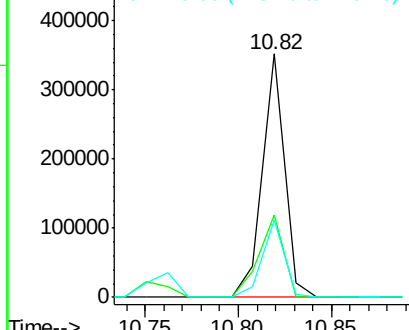
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 287004 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 33.8  | 22.2  | 33.4#  |
| 249       | 31.7  | 24.6  | 37.0   |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.40 ng

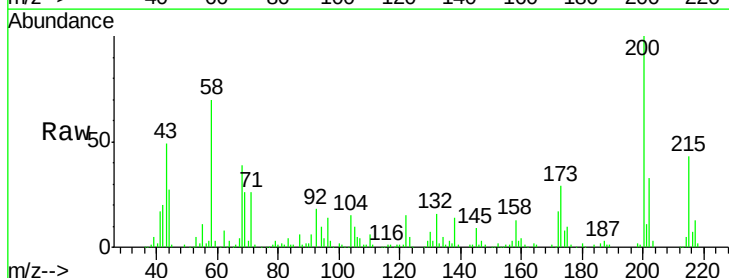
RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

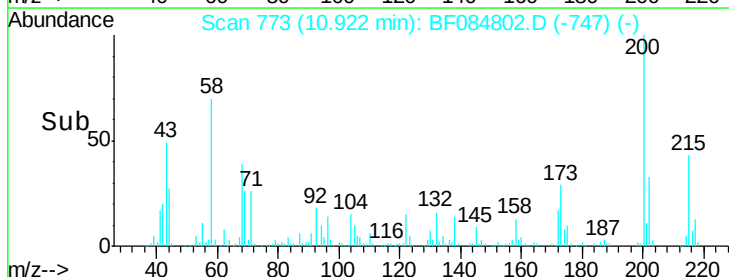
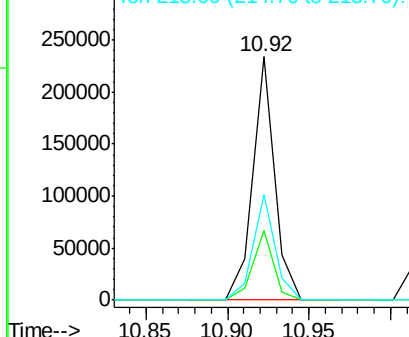
Lab File: BF084802.D

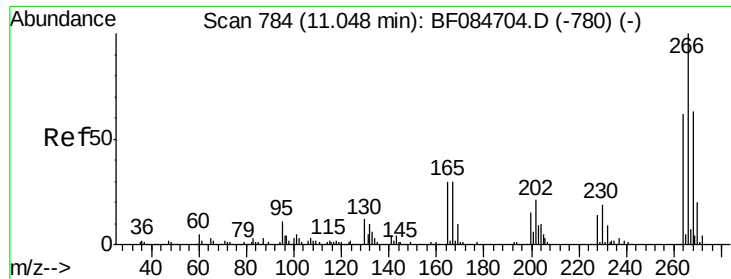
Acq: 3 Feb 2016 23:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 218295 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 28.8  | 9.5   | 49.5   |
| 215       | 43.5  | 23.8  | 63.8   |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





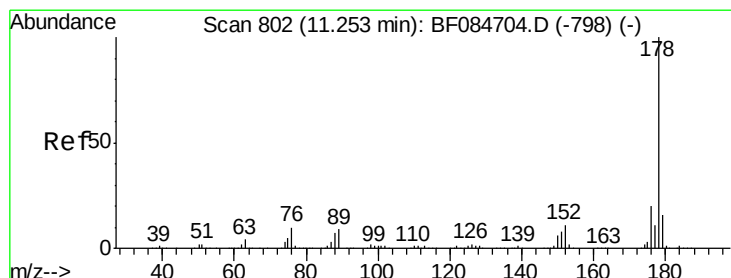
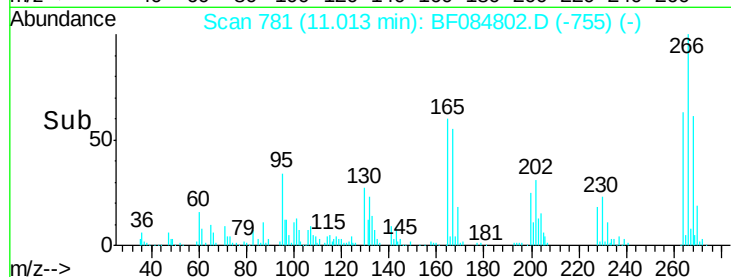
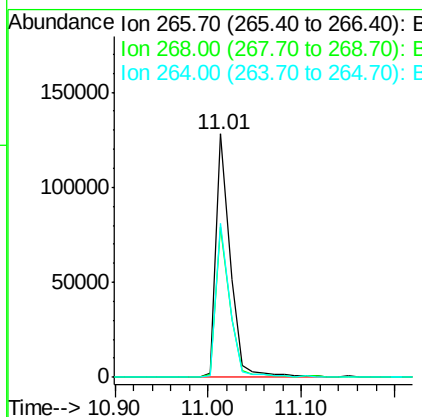
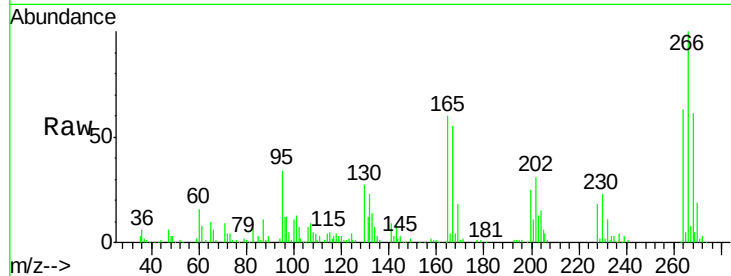
#69  
 Pentachlorophenol  
 Concen: 41.33 ng  
 RT: 11.01 min Scan# 781  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 136055 |       |       |
| 268     | 61.5  | 52.4   | 78.6  |       |
| 264     | 63.1  | 50.2   | 75.2  |       |

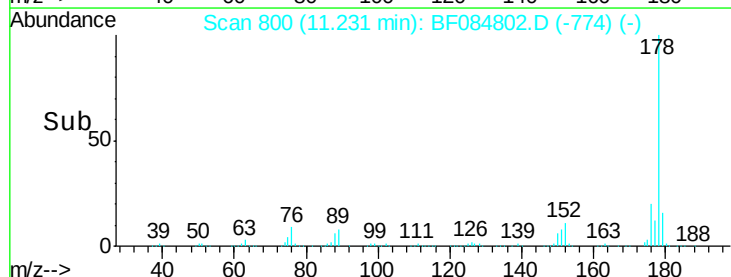
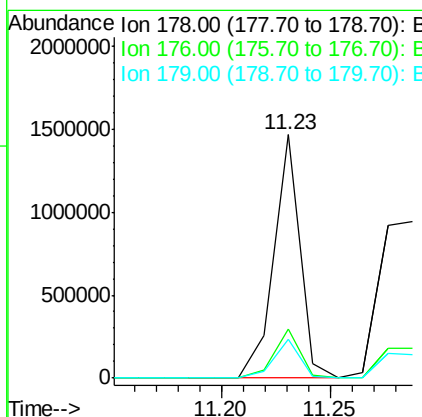
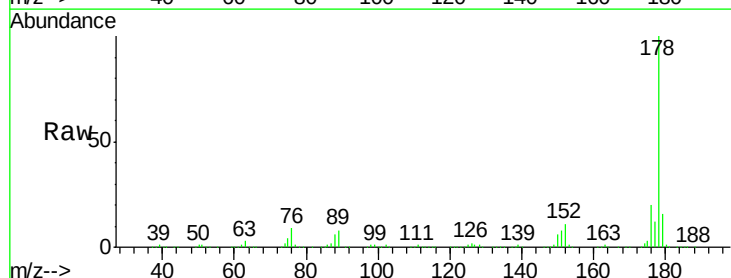
Manual Integrations  
 APPROVED

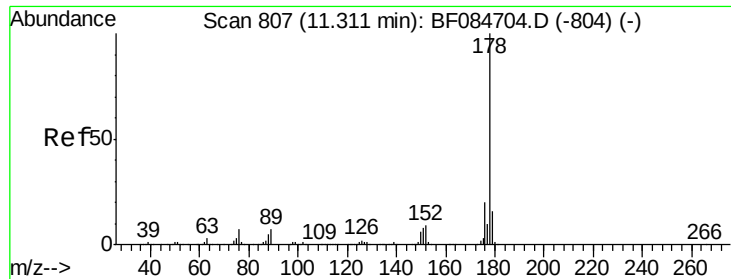
mohammad  
 2/4/2016 2:04:49 PM



#70  
 Phenanthrene  
 Concen: 38.70 ng  
 RT: 11.23 min Scan# 800  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1249353 |       |       |
| 176     | 20.3  | 15.3    | 22.9  |       |
| 179     | 16.1  | 12.0    | 18.0  |       |





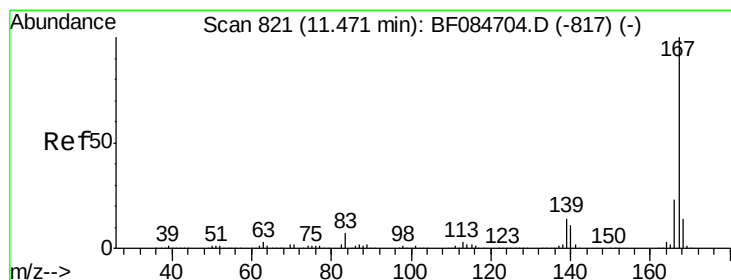
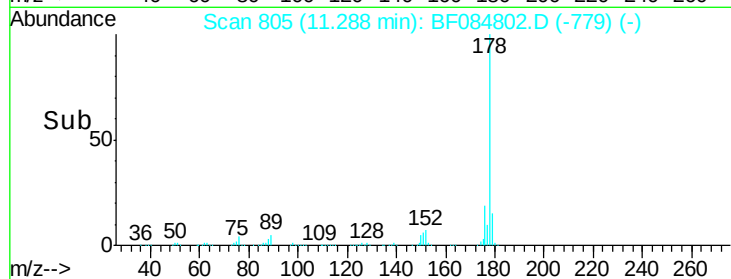
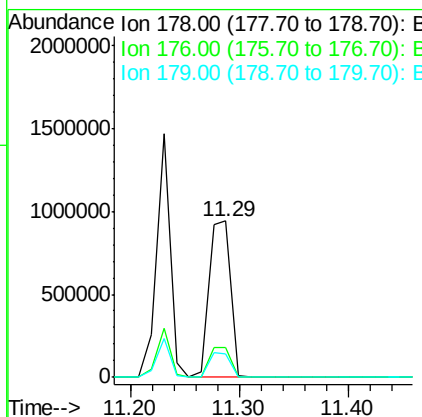
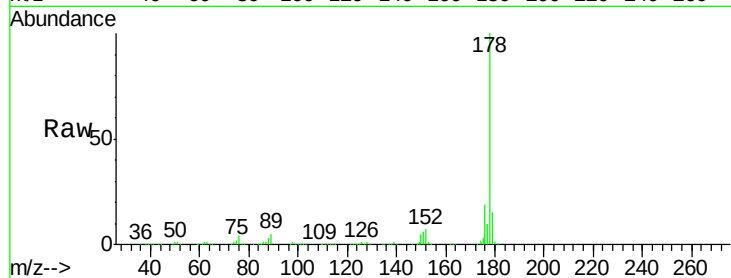
#71  
 Anthracene  
 Concen: 40.35 ng  
 RT: 11.29 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:178 Resp: 1312482  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 15.4 23.0  
 179 15.3 12.5 18.7

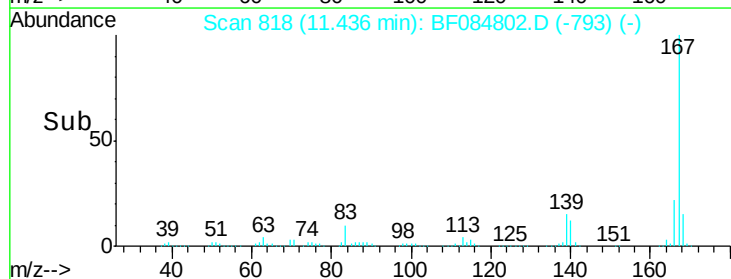
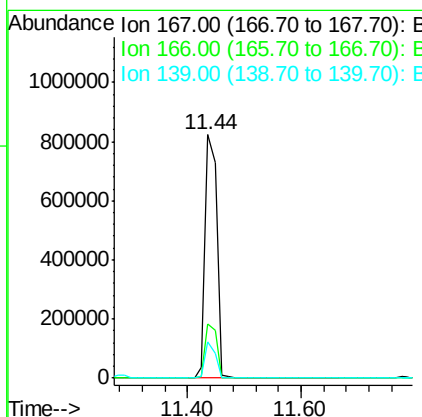
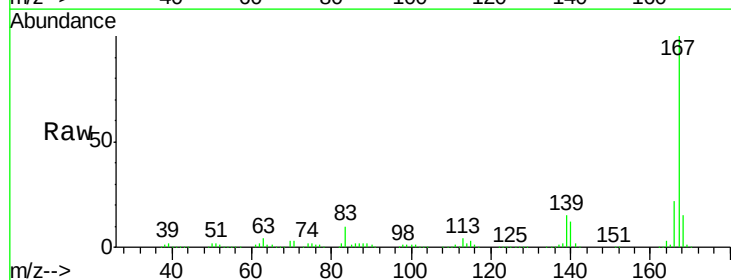
Manual Integrations  
 APPROVED

mohammad  
 2/4/2016 2:04:49 PM

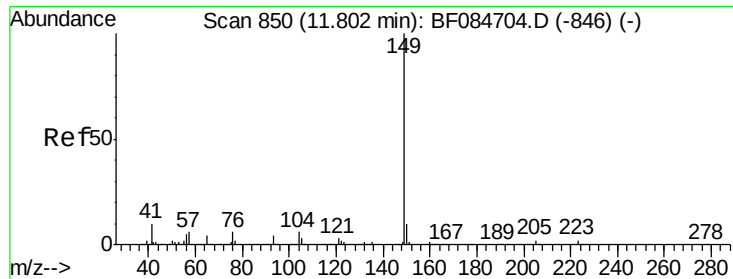


#72  
 Carbazole  
 Concen: 39.06 ng  
 RT: 11.44 min Scan# 818  
 Delta R.T. -0.01 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

Tgt Ion:167 Resp: 1107911  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.6 26.4  
 139 14.9 11.8 17.8







#73

Di-n-butylphthalate

Concen: 37.85 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1366809

Ion Ratio Lower Upper

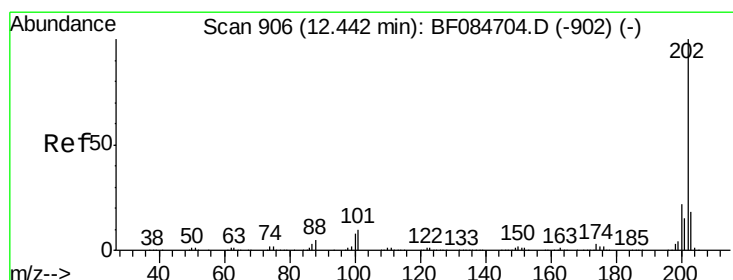
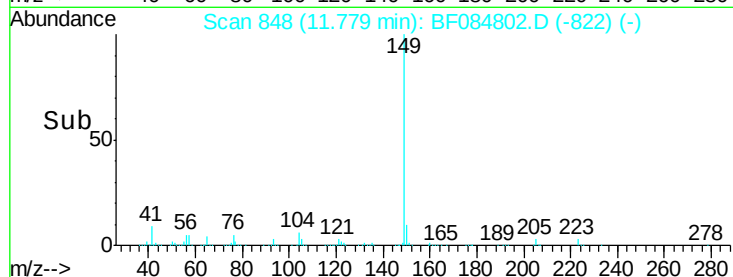
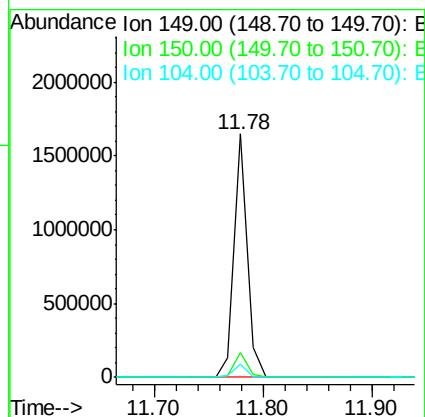
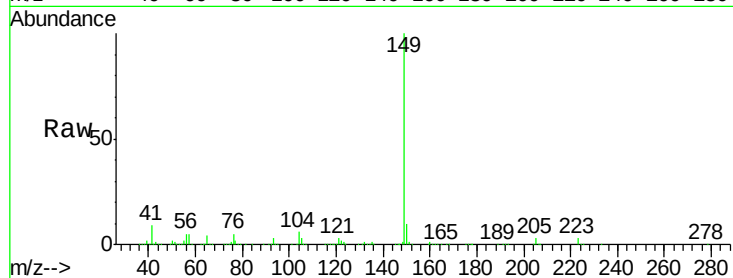
149 100

150 10.0 7.1 10.7

104 5.6 3.2 4.8#

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#74

Fluoranthene

Concen: 39.31 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

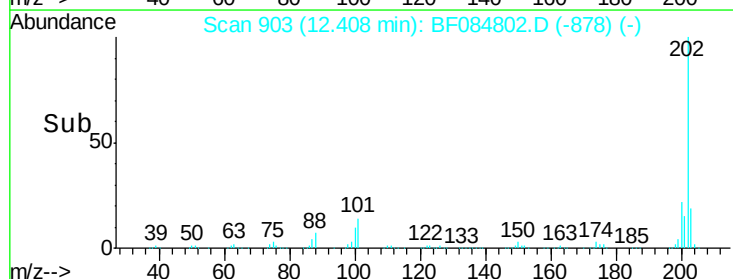
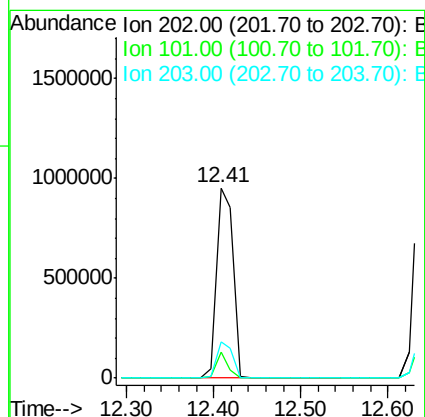
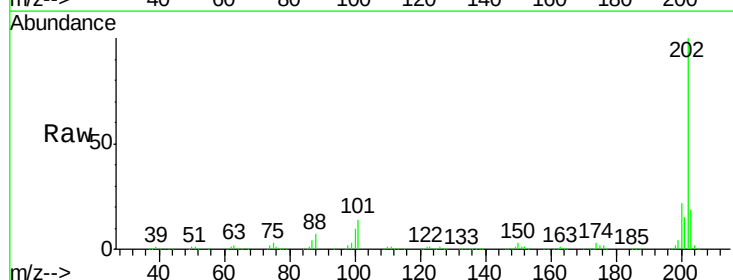
Tgt Ion:202 Resp: 1284444

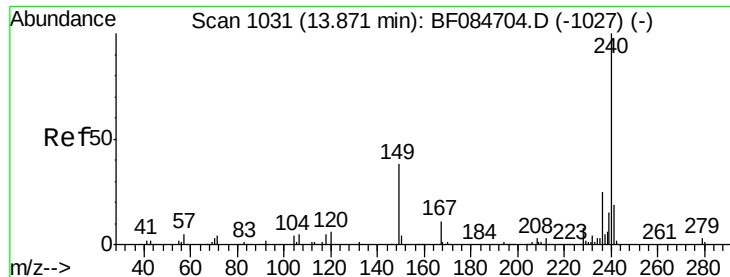
Ion Ratio Lower Upper

202 100

101 14.0 0.0 32.8

203 19.0 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

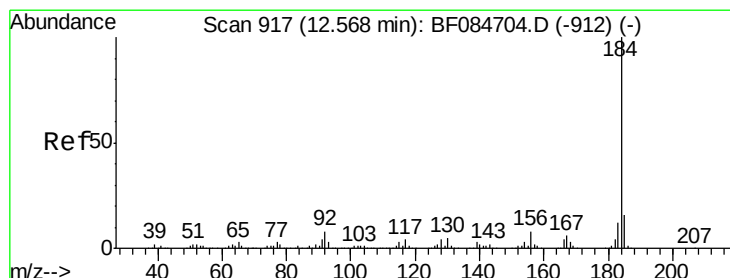
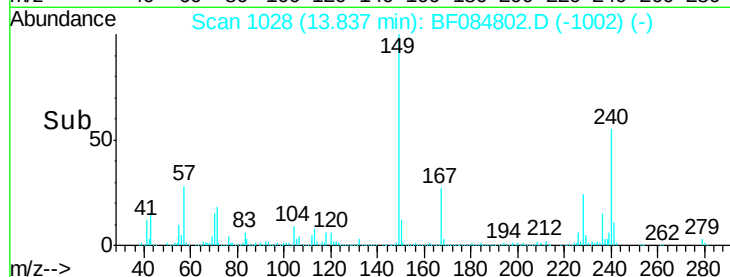
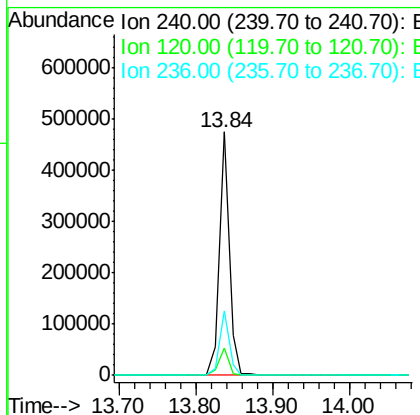
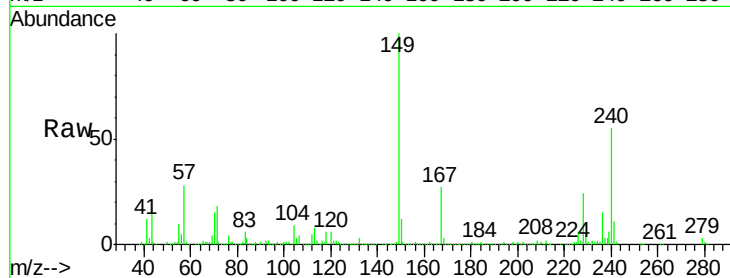
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 426937 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.2  | 9.5   | 14.3   |
| 236       | 26.5  | 20.6  | 31.0   |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#76

Benzidine

Concen: 39.43 ng

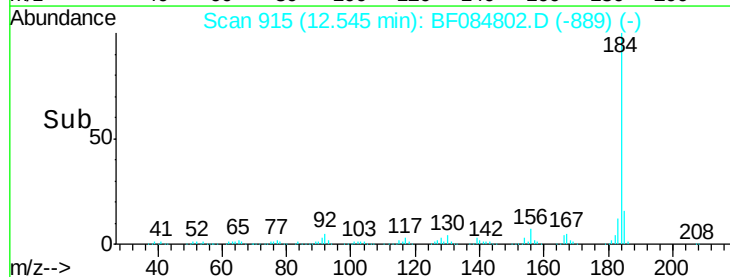
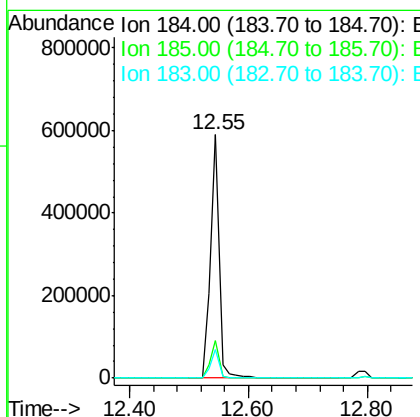
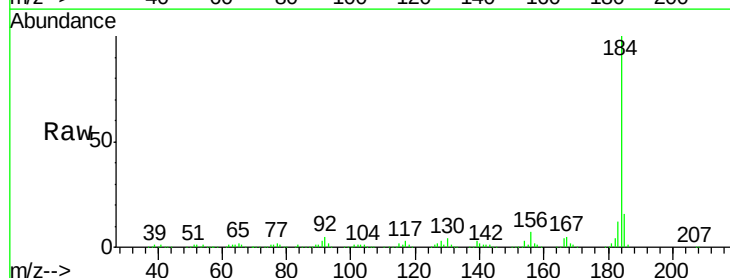
RT: 12.55 min Scan# 915

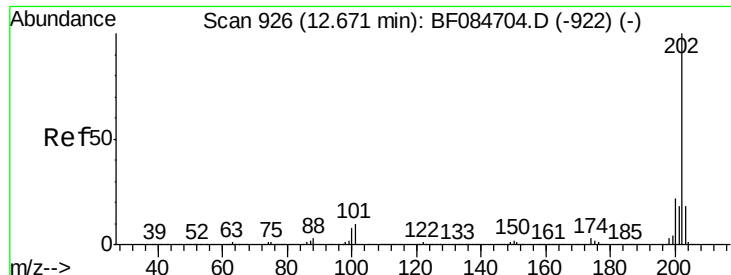
Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 592765 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.6  | 12.2  | 18.2   |
| 183       | 11.6  | 9.8   | 14.8   |





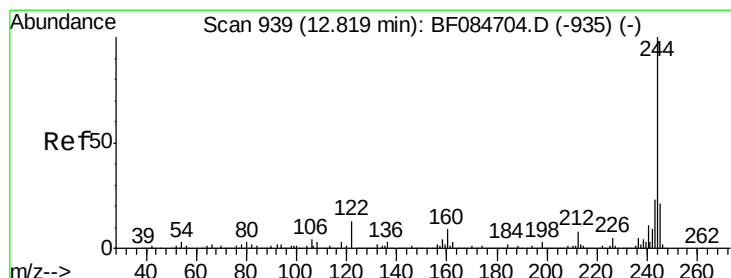
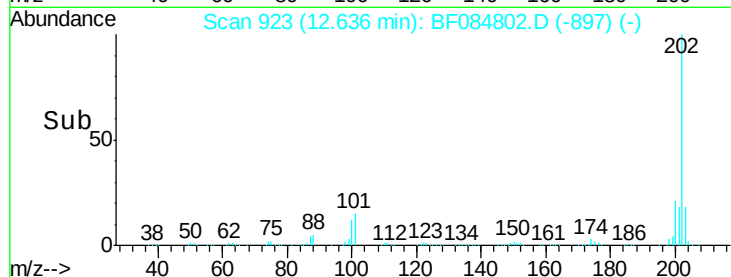
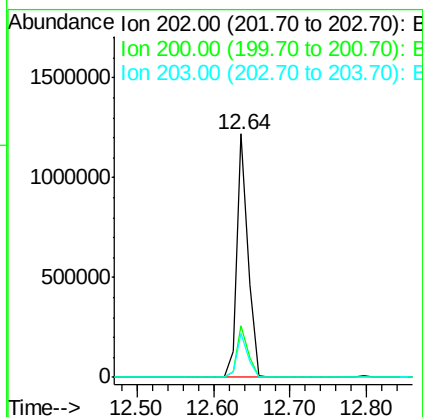
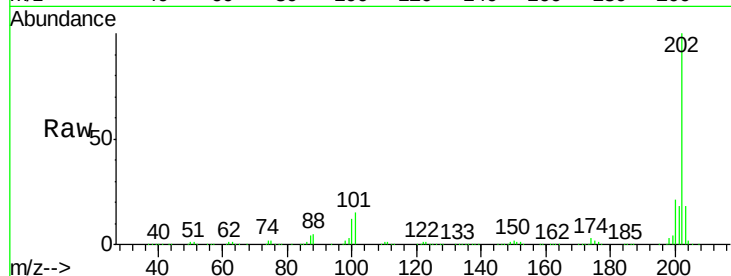
#77  
Pvrene  
Concen: 38.43 ng  
RT: 12.64 min Scan# 923  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.4  | 17.2  | 25.8  |
| 203     | 18.2  | 14.3  | 21.5  |

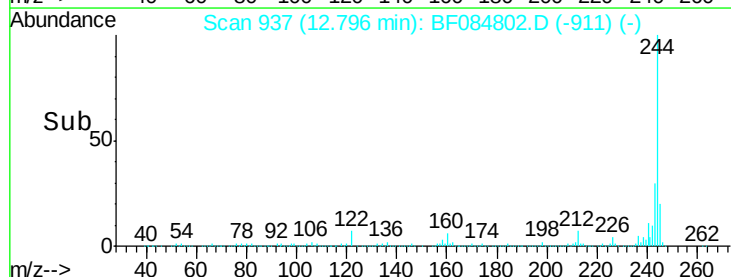
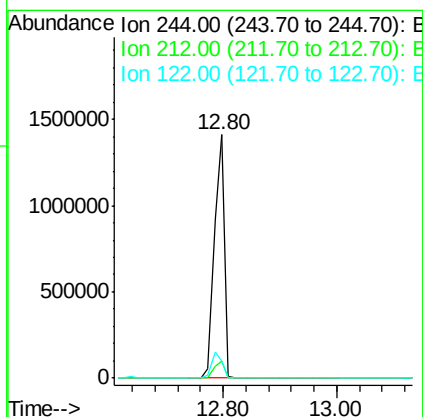
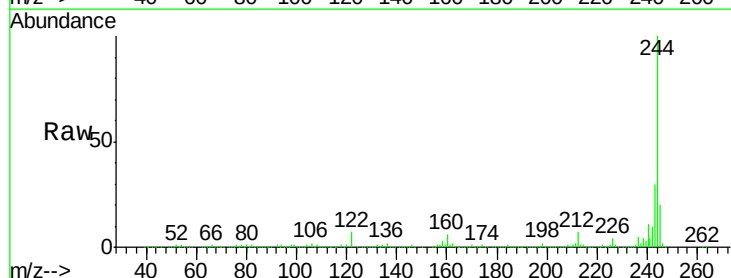
Manual Integrations  
APPROVED

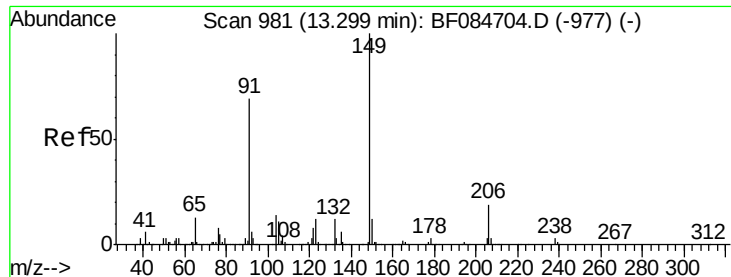
mohammad  
2/4/2016 2:04:49 PM



#78  
Terphenyl-d14  
Concen: 87.96 ng  
RT: 12.80 min Scan# 937  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.7   | 8.5   |
| 122     | 6.9   | 7.4   | 11.0  |





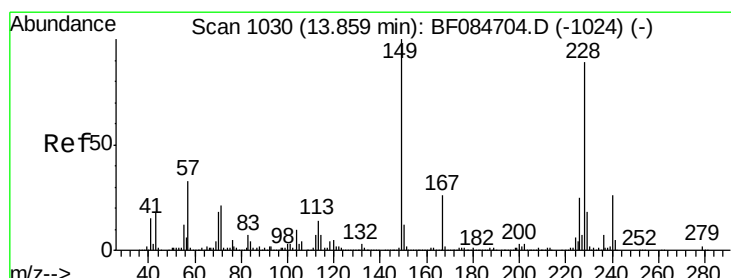
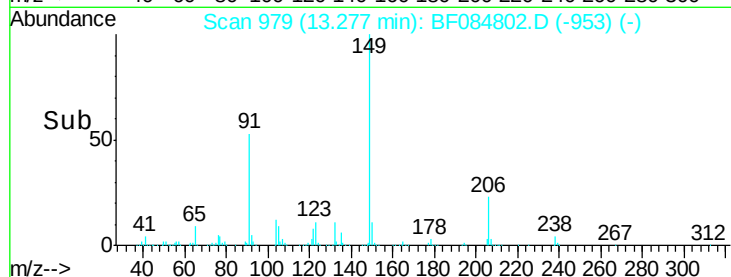
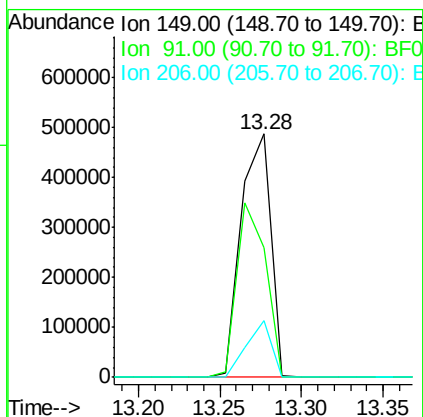
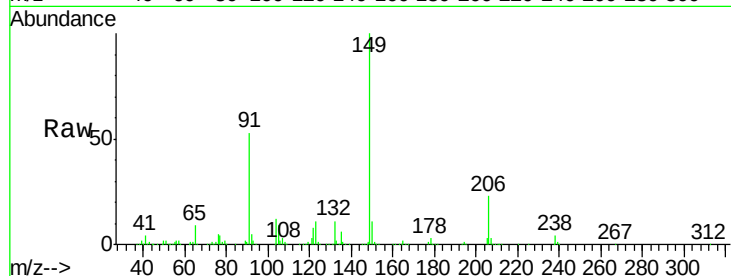
#79  
Butylbenzylphthalate  
Concen: 41.33 ng  
RT: 13.28 min Scan# 979  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 53.2  | 57.6  | 86.4# |
| 206     | 23.1  | 13.2  | 19.8# |

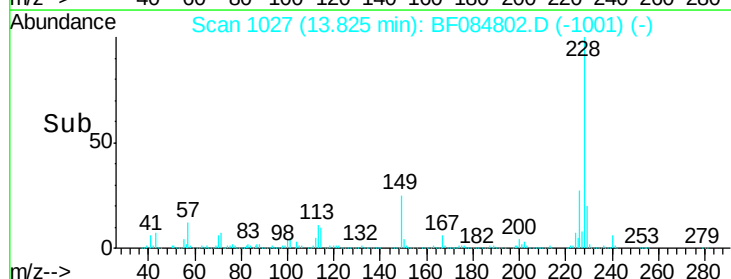
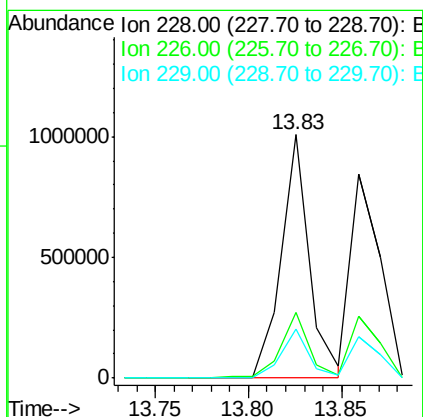
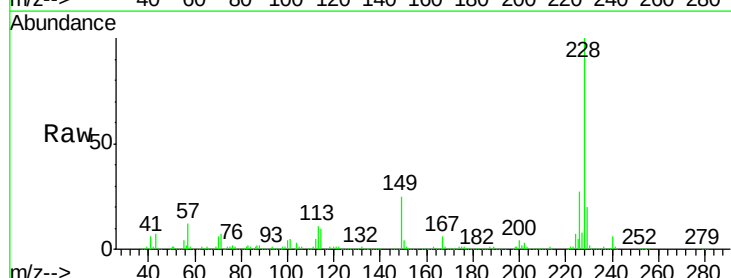
Manual Integrations  
APPROVED

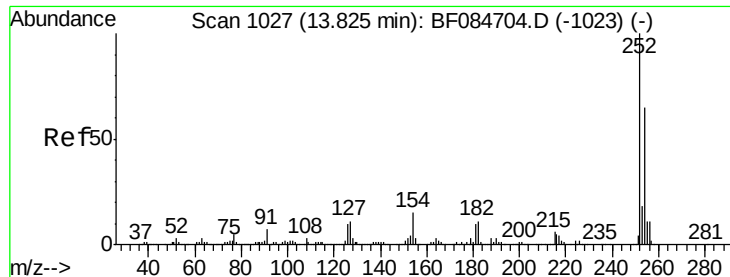
mohammad  
2/4/2016 2:04:49 PM



#80  
Benzo(a)anthracene  
Concen: 39.91 ng  
RT: 13.83 min Scan# 1027  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.2  | 21.8  | 32.6  |
| 229     | 20.4  | 15.8  | 23.8  |





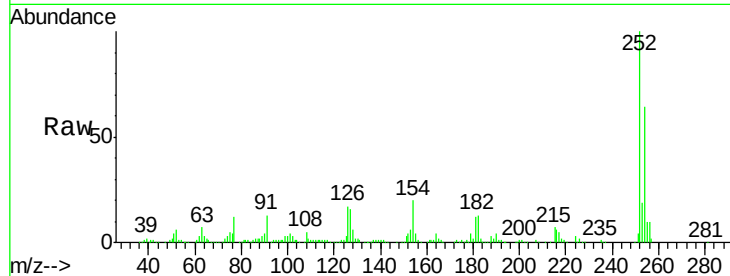
#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.24 ng  
 RT: 13.79 min Scan# 1024  
 Delta R.T. -0.01 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

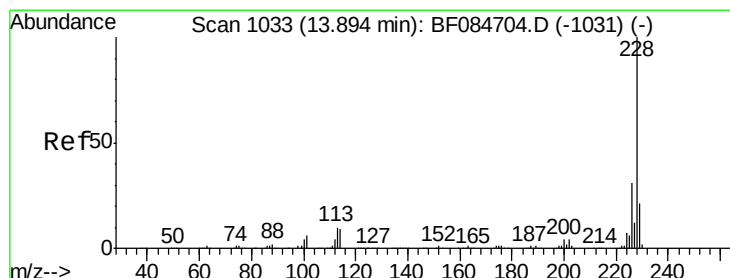
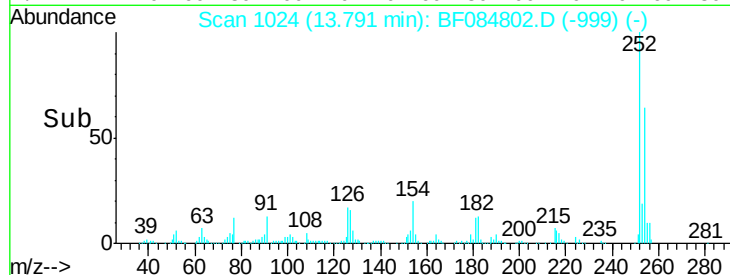
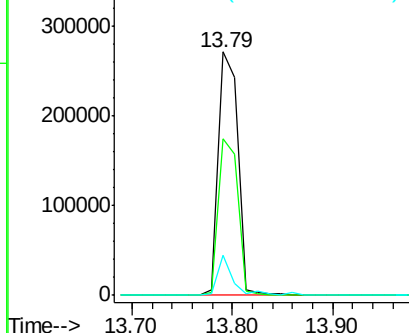
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 64.3  | 53.5       | 80.3  |
| 126     | 16.5  | 4.9        | 7.3   |

Manual Integrations  
 APPROVED

mohammad  
 2/4/2016 2:04:49 PM



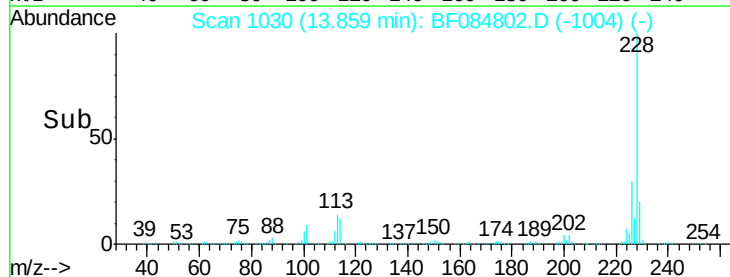
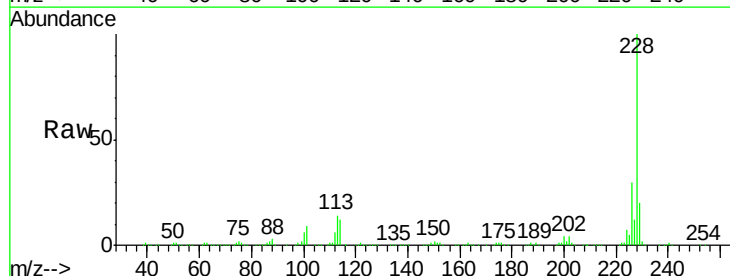
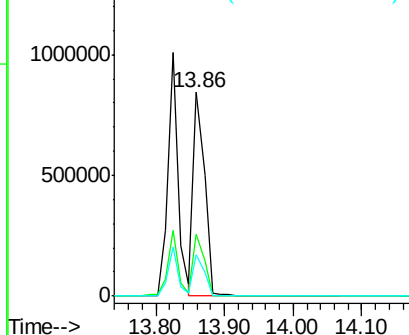
Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

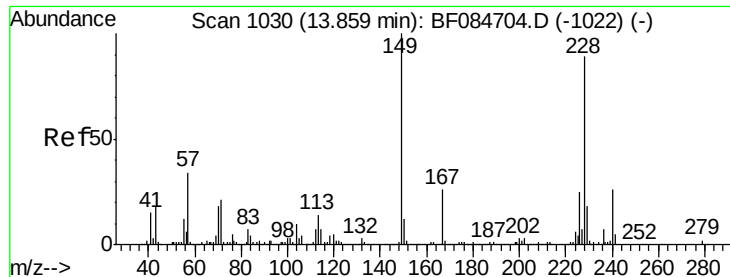


#82  
 Chrysene  
 Concen: 36.91 ng  
 RT: 13.86 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 30.3  | 24.3       | 36.5  |
| 229     | 20.3  | 16.1       | 24.1  |

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: 43.11 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

Instrument :

BNA\_F

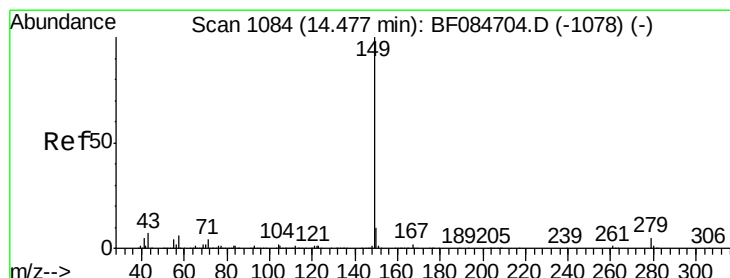
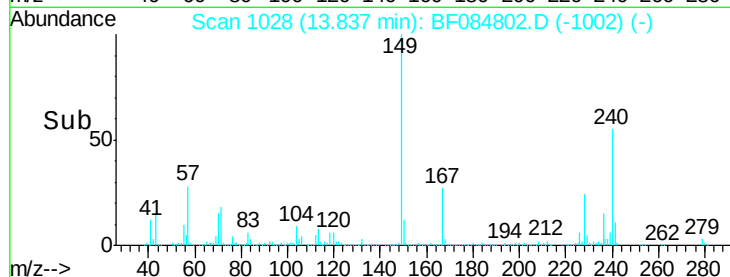
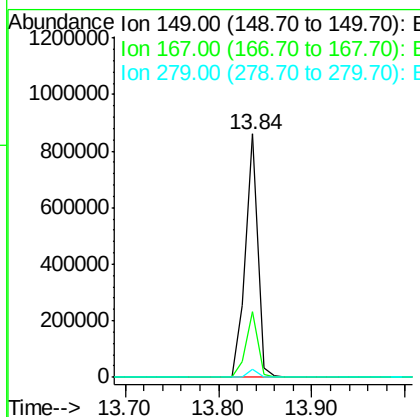
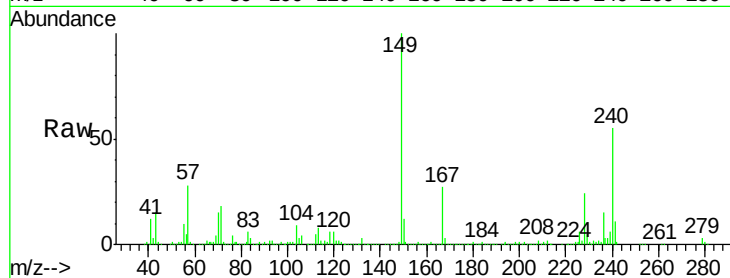
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 795583 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.2  | 19.7  | 29.5   |
| 279       | 3.1   | 1.8   | 2.6#   |

Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM



#84

Di-n-octyl phthalate

Concen: 39.69 ng

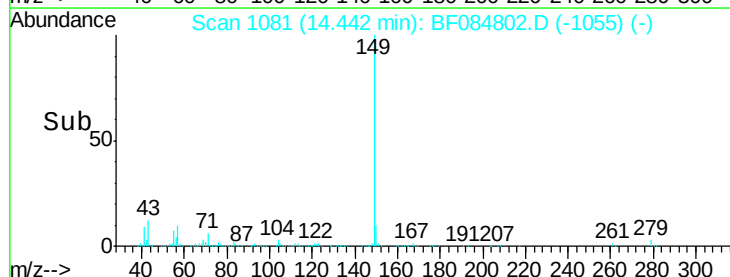
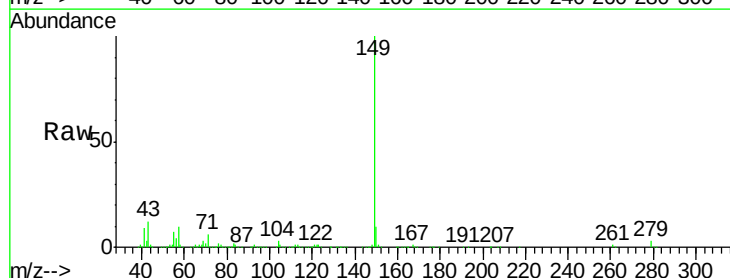
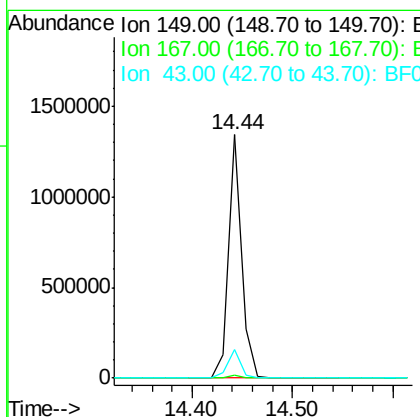
RT: 14.44 min Scan# 1081

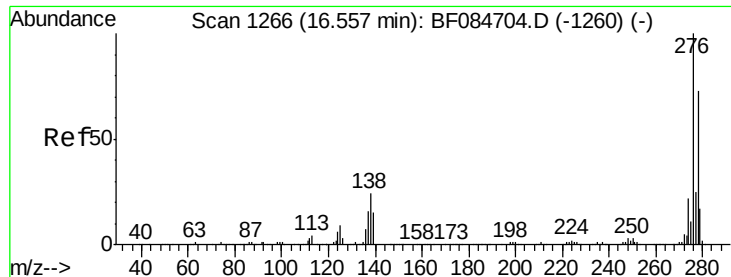
Delta R.T. 0.00 min

Lab File: BF084802.D

Acq: 3 Feb 2016 23:27

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1208272 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.5   | 1.2   | 1.8     |
| 43        | 11.6  | 5.6   | 8.4#    |





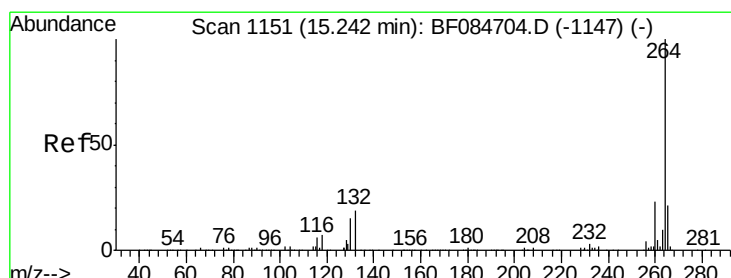
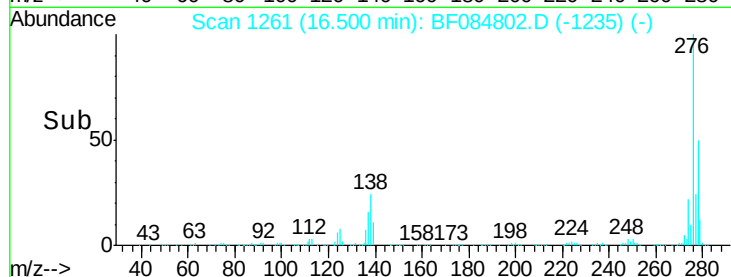
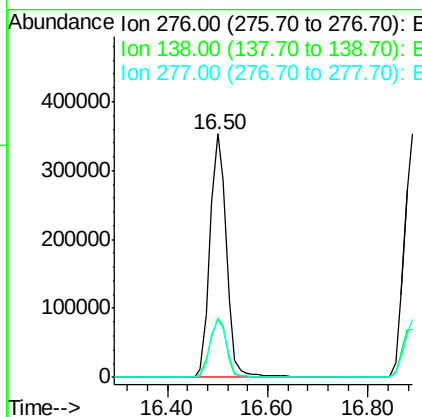
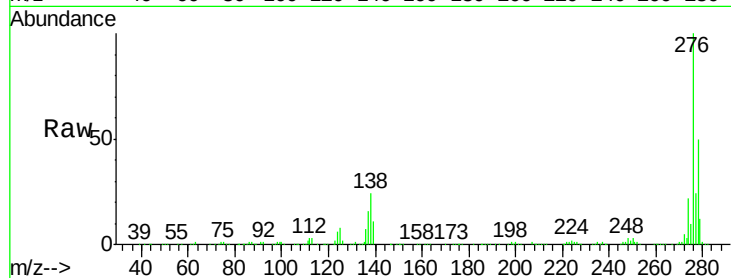
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 40.08 ng  
RT: 16.50 min Scan# 1261  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.5  | 20.6  | 30.8  |
| 277     | 24.3  | 20.1  | 30.1  |

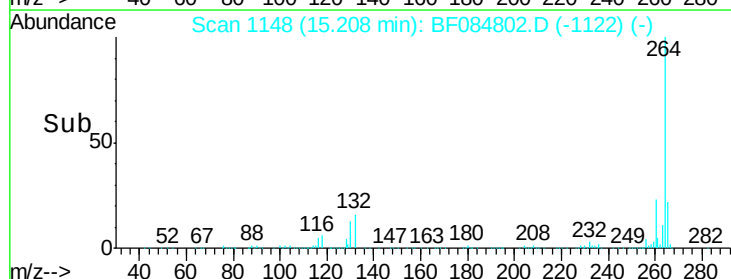
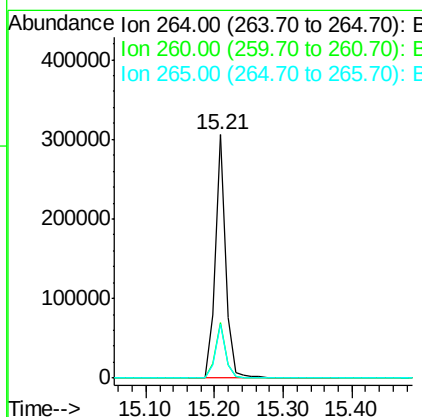
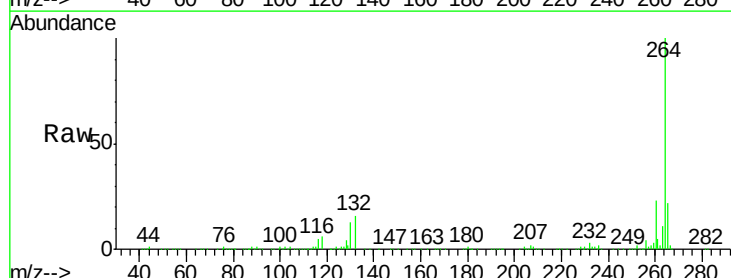
Manual Integrations  
APPROVED

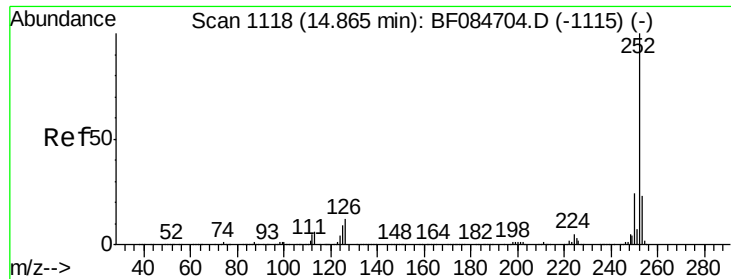
mohammad  
2/4/2016 2:04:49 PM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.21 min Scan# 1148  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.7  | 19.4  | 29.2  |
| 265     | 22.2  | 17.8  | 26.6  |





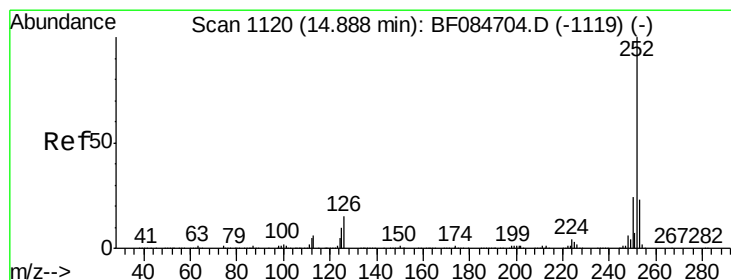
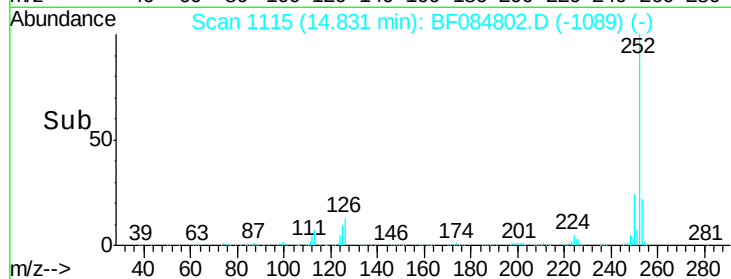
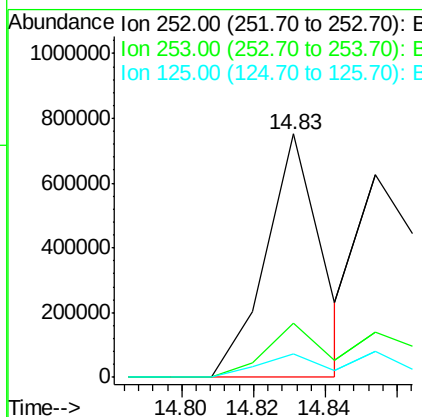
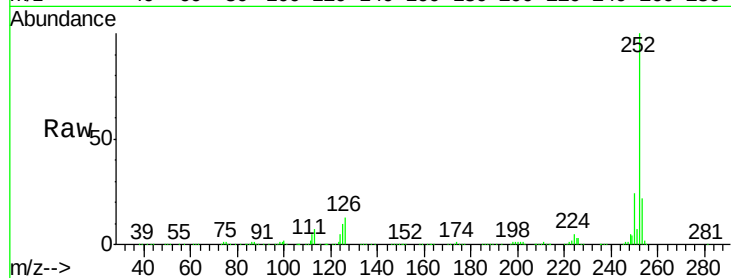
#87  
Benzo(b)fluoranthene  
Concen: 36.82 ng m  
RT: 14.83 min Scan# 1115  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.3  | 25.9  |
| 125     | 9.6   | 6.5   | 9.7   |

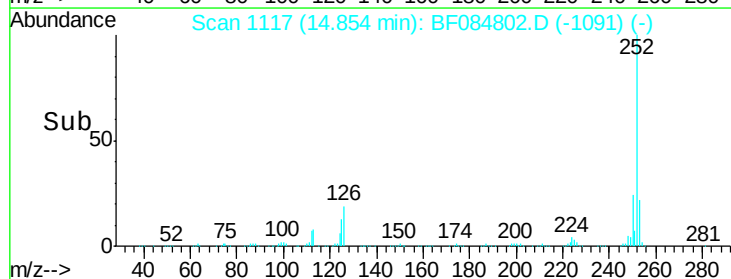
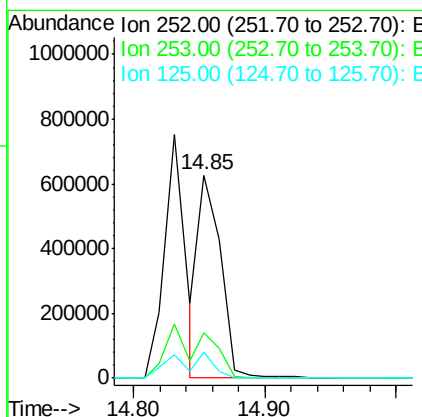
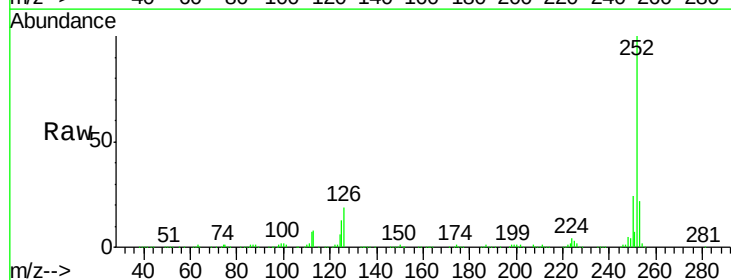
Manual Integrations  
APPROVED

mohammad  
2/4/2016 2:04:49 PM

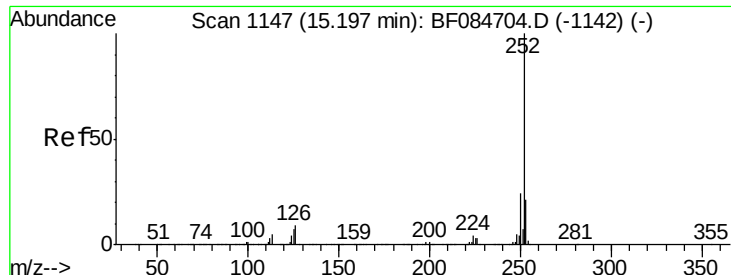


#88  
Benzo(k)fluoranthene  
Concen: 41.74 ng m  
RT: 14.85 min Scan# 1117  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.1  | 27.1  |
| 125     | 13.1  | 9.0   | 13.6  |







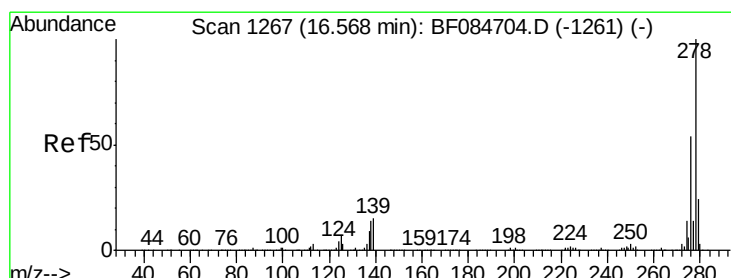
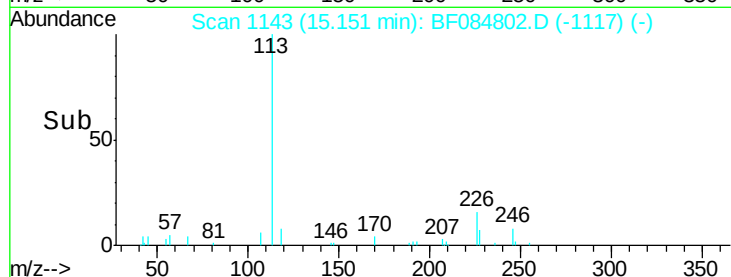
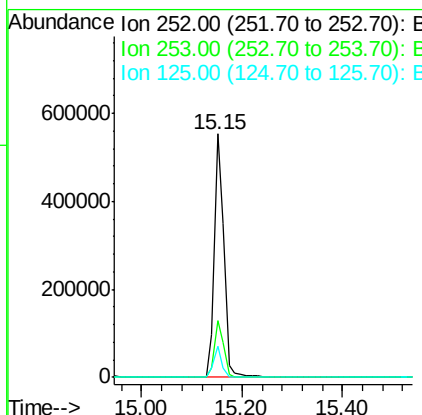
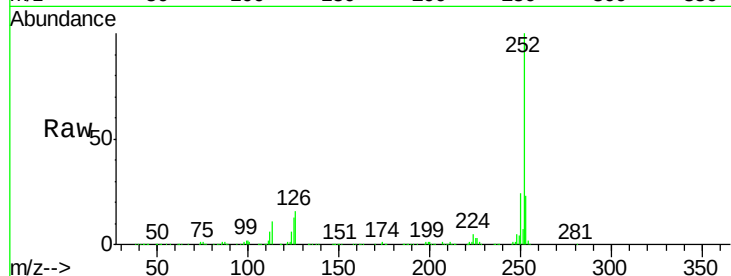
#89  
Benzo(a)pyrene  
Concen: 38.59 ng  
RT: 15.15 min Scan# 1143  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 17.3  | 25.9  |
| 125     | 12.6  | 7.0   | 10.4  |

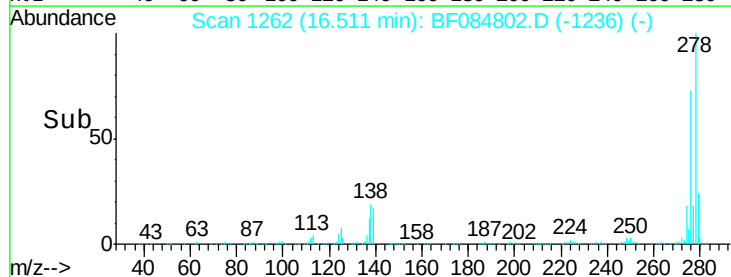
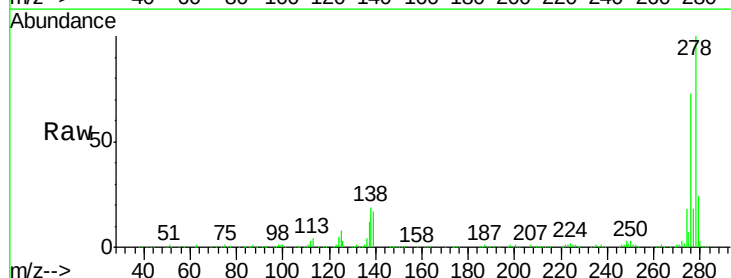
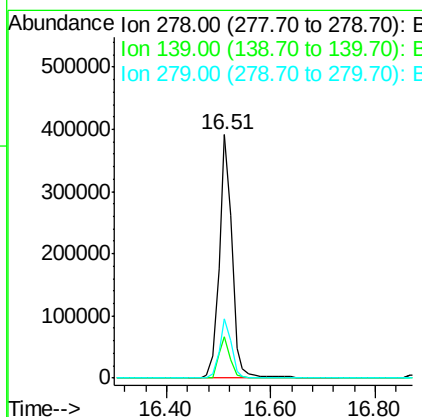
Manual Integrations  
APPROVED

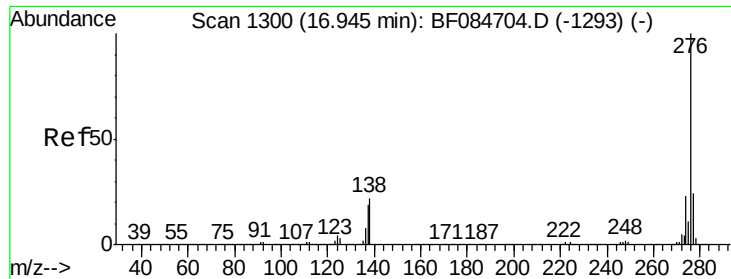
mohammad  
2/4/2016 2:04:49 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 41.99 ng  
RT: 16.51 min Scan# 1262  
Delta R.T. 0.00 min  
Lab File: BF084802.D  
Acq: 3 Feb 2016 23:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.0  | 15.0  | 22.4  |
| 279     | 24.2  | 18.9  | 28.3  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 42.64 ng  
 RT: 16.89 min Scan# 1295  
 Delta R.T. 0.00 min  
 Lab File: BF084802.D  
 Acq: 3 Feb 2016 23:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 18.8  | 28.2  |
| 138     | 19.6  | 17.8  | 26.6  |

Manual Integrations  
 APPROVED

mohammad  
 2/4/2016 2:04:49 PM

