

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\  
 Data File : BF086417.D  
 Acq On : 27 Apr 2016 11:53  
 Operator : UM/SJ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

sohil  
 4/28/2016 1:40:48 PM

Quant Time: Apr 27 12:48:40 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 27 12:41:24 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.81  | 152  | 158163   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 664679   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.85  | 164  | 326741   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.32 | 188  | 555175   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.96 | 240  | 407333   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.36 | 264  | 313179   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.39  | 112 | 710634  | 77.59 | ng | 0.00 |
| 7) Phenol-d6             | 6.44  | 99  | 979954  | 78.71 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.38  | 82  | 993230  | 88.52 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.64 | 330 | 283521  | 95.86 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.17  | 172 | 1453705 | 75.92 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.91 | 244 | 1397511 | 85.24 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.36 | 88  | 182792  | 36.09 | ng | # 77   |
| 3) Pyridine                    | 3.06 | 79  | 433124  | 35.89 | ng | # 77   |
| 4) n-Nitrosodimethylamine      | 3.01 | 42  | 279159  | 64.80 | ng | # 61   |
| 6) Aniline                     | 6.46 | 93  | 655115  | 43.12 | ng | 92     |
| 8) 2-Chlorophenol              | 6.59 | 128 | 448760  | 40.13 | ng | 94     |
| 9) Benzaldehyde                | 6.35 | 77  | 279518  | 36.96 | ng | 97     |
| 10) Phenol                     | 6.45 | 94  | 513115  | 34.90 | ng | 73     |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 467018  | 36.49 | ng | 87     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 463069  | 38.83 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 465217m | 35.52 | ng |        |
| 14) 1,2-Dichlorobenzene        | 6.98 | 146 | 468399  | 39.36 | ng | 99     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 348426  | 47.15 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 966400  | 57.60 | ng | 89     |
| 17) 2-Methylphenol             | 7.07 | 107 | 371019  | 40.49 | ng | 95     |
| 18) Hexachloroethane           | 7.32 | 117 | 180673  | 40.95 | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 310303  | 41.70 | ng | # 73   |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 422928  | 43.55 | ng | # 85   |
| 22) Acetophenone               | 7.22 | 105 | 578788  | 41.51 | ng | # 87   |
| 24) Nitrobenzene               | 7.39 | 77  | 489189  | 40.64 | ng | 96     |
| 25) Isophorone                 | 7.64 | 82  | 937653  | 42.64 | ng | 96     |
| 26) 2-Nitrophenol              | 7.71 | 139 | 247619  | 41.64 | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 425458  | 41.78 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 505917  | 41.21 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 348397  | 41.39 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 392021  | 42.88 | ng | 95     |
| 31) Naphthalene                | 8.11 | 128 | 1221910 | 36.09 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 243259  | 37.37 | ng | 86     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 526112  | 39.89 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 222769  | 48.79 | ng | 98     |
| 35) Caprolactam                | 8.56 | 113 | 121595  | 40.26 | ng | # 74   |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 392053  | 39.19 | ng | 90     |
| 37) 2-Methylnaphthalene        | 8.81 | 142 | 822337  | 42.11 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 341330  | 40.38 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.96 | 237 | 179355  | 43.44 | ng | 96     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\  
 Data File : BF086417.D  
 Acq On : 27 Apr 2016 11:53  
 Operator : UM/SJ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

sohil  
 4/28/2016 1:40:48 PM

Quant Time: Apr 27 12:48:40 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 27 12:41:24 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.08  | 196  | 232014   | 41.86 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 257195   | 37.69 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.28  | 154  | 1034276  | 40.80 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 9.30  | 162  | 795178   | 39.63 | nq    | 100      |
| 47) 2-Nitroaniline             | 9.39  | 65   | 274390   | 43.92 | nq #  | 82       |
| 48) Acenaphthylene             | 9.71  | 152  | 1241771  | 38.17 | nq    | 99       |
| 49) Dimethylphthalate          | 9.57  | 163  | 885909   | 37.53 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.64  | 165  | 212474   | 41.67 | nq #  | 67       |
| 51) Acenaphthene               | 9.88  | 154  | 802206   | 40.14 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.80  | 138  | 224436   | 35.16 | nq    | 85       |
| 53) 2,4-Dinitrophenol          | 9.90  | 184  | 95621    | 36.07 | nq #  | 73       |
| 54) Dibenzofuran               | 10.05 | 168  | 1013798  | 39.50 | nq    | 100      |
| 55) 4-Nitrophenol              | 9.96  | 139  | 152527   | 34.15 | nq #  | 67       |
| 56) 2,4-Dinitrotoluene         | 10.04 | 165  | 278140   | 41.08 | nq #  | 79       |
| 57) Fluorene                   | 10.40 | 166  | 832358   | 39.58 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 200572   | 40.21 | nq    | 98       |
| 59) Diethylphthalate           | 10.27 | 149  | 817746   | 36.18 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.38 | 204  | 352243   | 38.30 | nq    | 95       |
| 61) 4-Nitroaniline             | 10.42 | 138  | 229393   | 35.11 | nq    | 80       |
| 62) Azobenzene                 | 10.54 | 77   | 959904   | 40.96 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 135054   | 39.81 | nq #  | 36       |
| 65) n-Nitrosodiphenylamine     | 10.51 | 169  | 723083   | 42.24 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.88 | 248  | 245097   | 45.09 | nq    | 91       |
| 67) Hexachlorobenzene          | 10.93 | 284  | 261559   | 45.10 | nq #  | 64       |
| 68) Atrazine                   | 11.04 | 200  | 211035   | 39.93 | nq    | 96       |
| 69) Pentachlorophenol          | 11.13 | 266  | 150316   | 44.13 | nq    | 98       |
| 70) Phenanthrene               | 11.36 | 178  | 1176664  | 42.18 | nq    | 100      |
| 71) Anthracene                 | 11.40 | 178  | 1207196  | 37.77 | nq    | 99       |
| 72) Carbazole                  | 11.56 | 167  | 1133166  | 37.75 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.89 | 149  | 1326141  | 41.99 | nq    | 99       |
| 74) Fluoranthene               | 12.53 | 202  | 1166621  | 38.78 | nq    | 98       |
| 76) Benzidine                  | 12.66 | 184  | 582041   | 34.84 | nq    | 97       |
| 77) Pyrene                     | 12.76 | 202  | 1189820  | 41.88 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.38 | 149  | 506680   | 38.29 | nq #  | 65       |
| 80) Benzo(a)anthracene         | 13.95 | 228  | 814025   | 38.50 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 571373   | 39.17 | nq    | 97       |
| 82) Chrysene                   | 13.98 | 228  | 908496   | 38.13 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 631796   | 42.63 | nq #  | 99       |
| 84) Di-n-octyl phthalate       | 14.56 | 149  | 1010305  | 35.51 | nq #  | 88       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.72 | 276  | 720549   | 34.02 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 14.97 | 252  | 749557   | 43.60 | nq #  | 96       |
| 88) Benzo(k)fluoranthene       | 14.99 | 252  | 704902m  | 41.78 | nq    |          |
| 89) Benzo(a)pyrene             | 15.30 | 252  | 673920   | 39.74 | nq #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 16.74 | 278  | 603856   | 43.16 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.13 | 276  | 604277   | 41.84 | nq    | 95       |

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

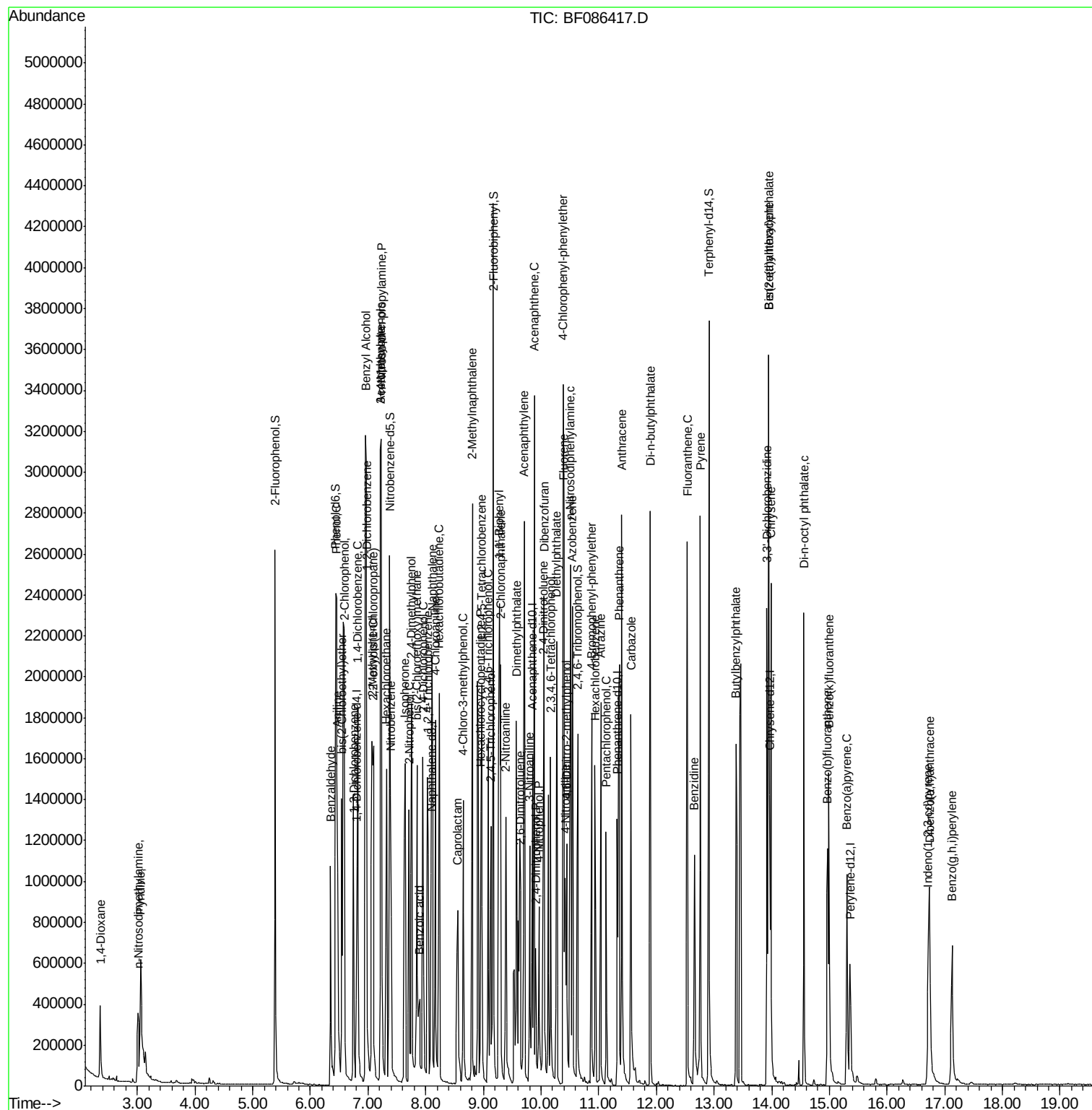
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\  
Data File : BF086417.D  
Acq On : 27 Apr 2016 11:53  
Operator : UM/SJ  
Sample : SSTDICCC040  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

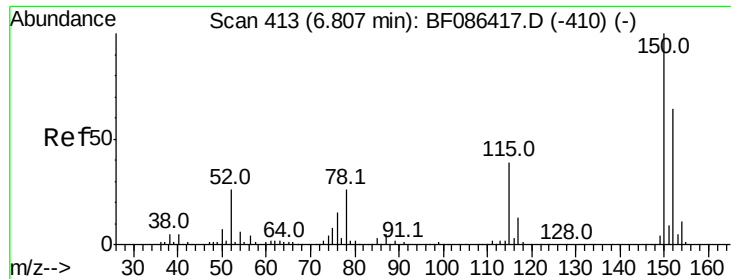
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM

Quant Time: Apr 27 12:48:40 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 27 12:41:24 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

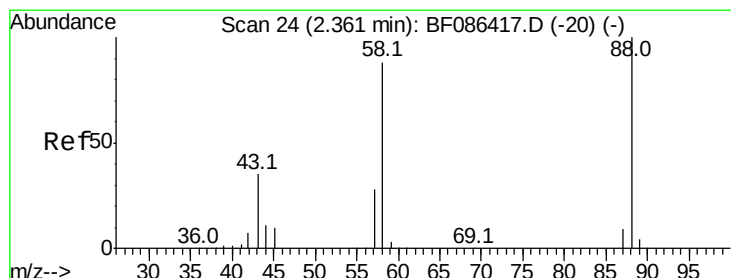
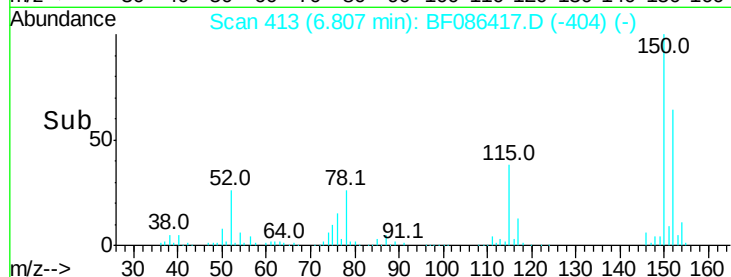
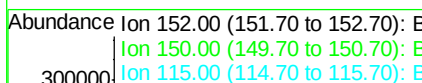
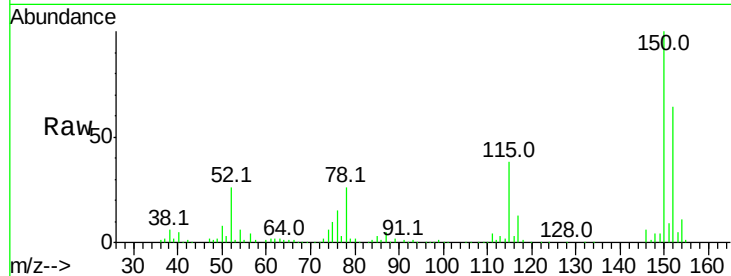
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 158163 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 156.4 | 125.8 | 188.6  |
| 115       | 60.1  | 51.5  | 77.3   |

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



#2

1,4-Dioxane

Concen: 36.09 ng

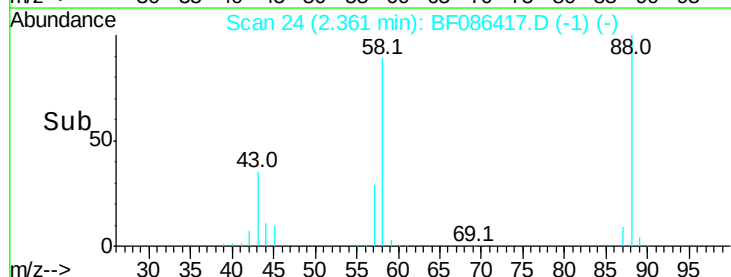
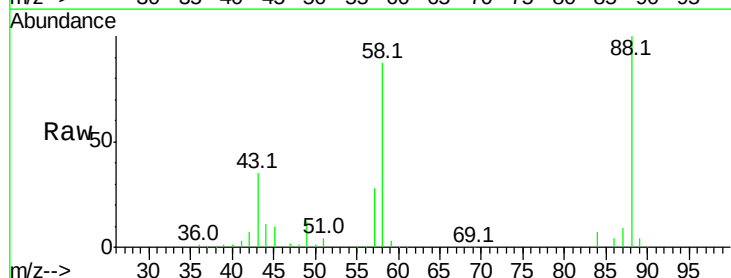
RT: 2.36 min Scan# 24

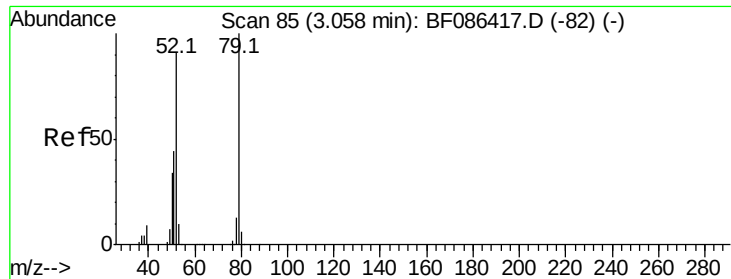
Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 182792 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 94.0  | 59.6  | 89.4#  |
| 43        | 39.3  | 21.8  | 32.6#  |





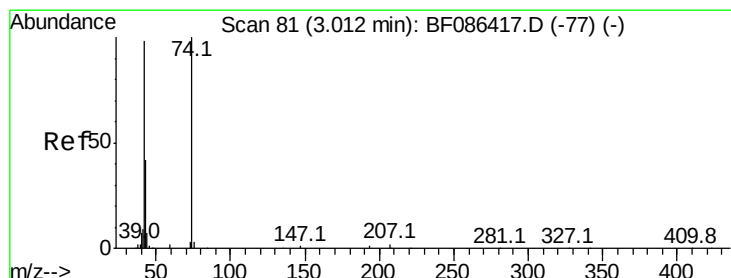
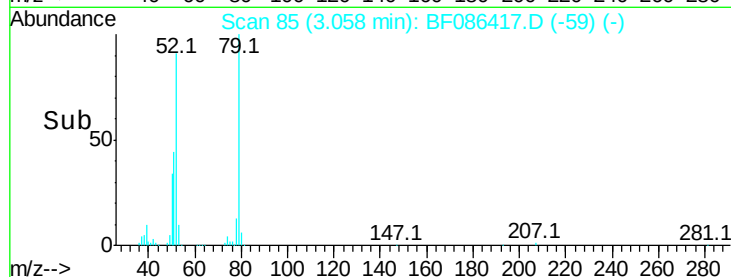
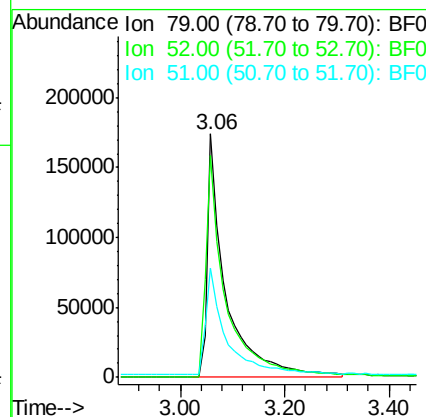
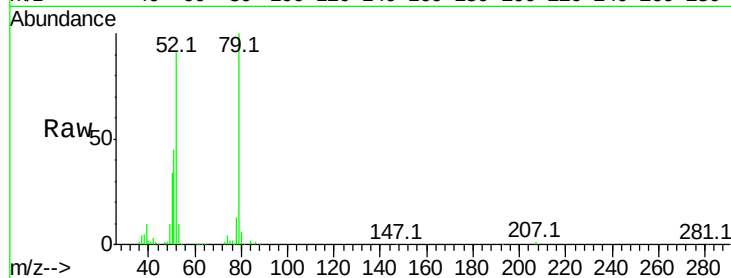
#3  
Pvridine  
Concen: 35.89 ng  
RT: 3.06 min Scan# 85  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 91.0  | 55.9  | 83.9# |
| 51      | 45.0  | 28.1  | 42.1# |

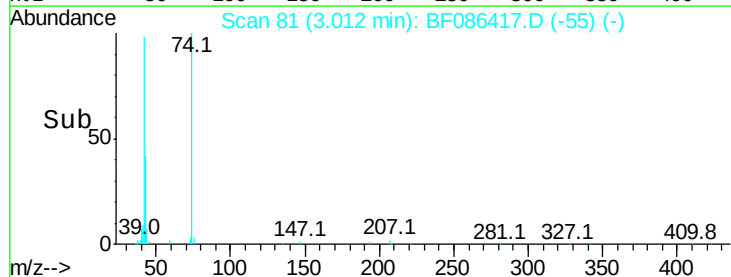
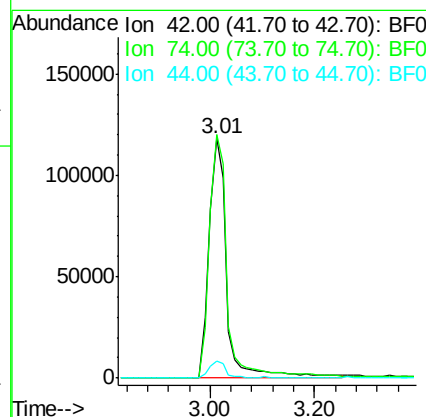
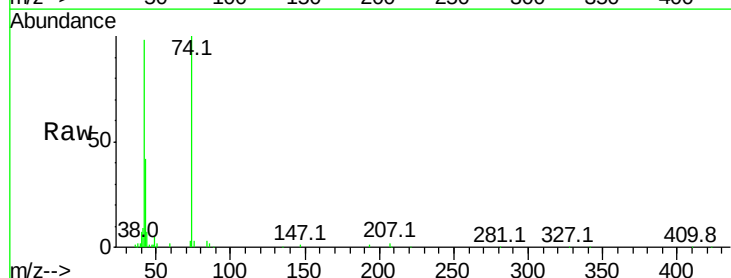
Manual Integrations  
APPROVED

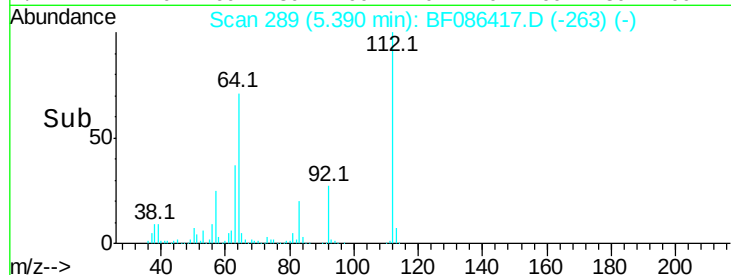
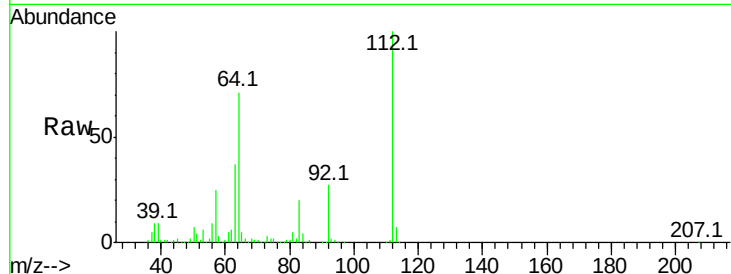
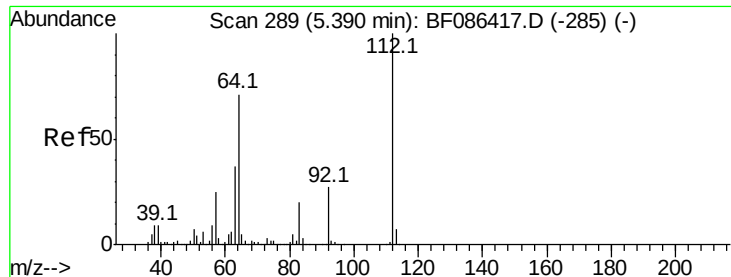
sohil  
4/28/2016 1:40:48 PM



#4  
n-Nitrosodimethylamine  
Concen: 64.80 ng  
RT: 3.01 min Scan# 81  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 101.8 | 123.4 | 185.0# |
| 44      | 7.1   | 5.8   | 8.6    |





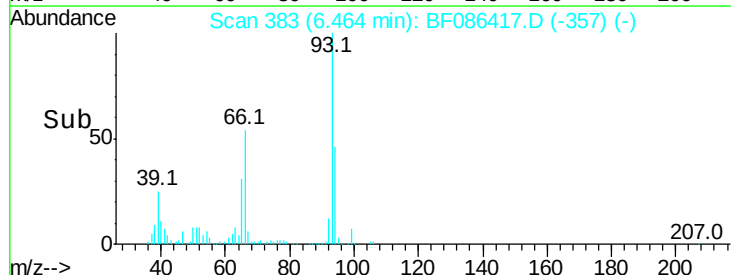
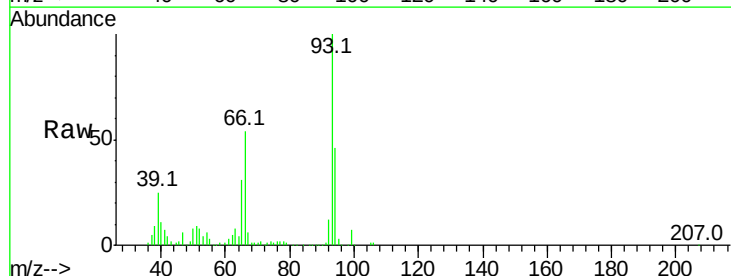
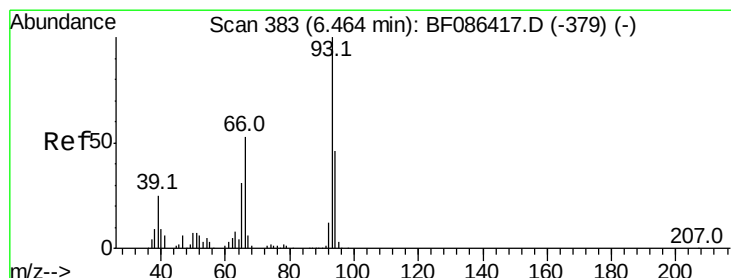
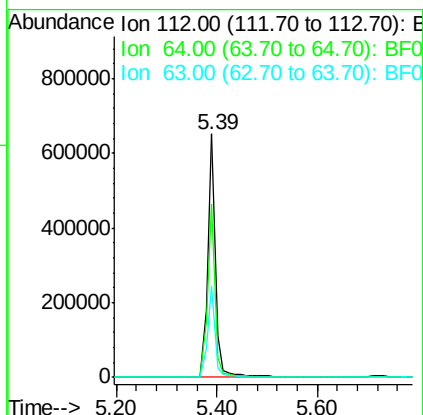
#5  
2-Fluorophenol  
Concen: 77.59 ng  
RT: 5.39 min Scan# 289  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 710634 |       |       |
| 64      | 71.0  |        | 52.1  | 78.1  |
| 63      | 37.4  |        | 25.7  | 38.5  |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

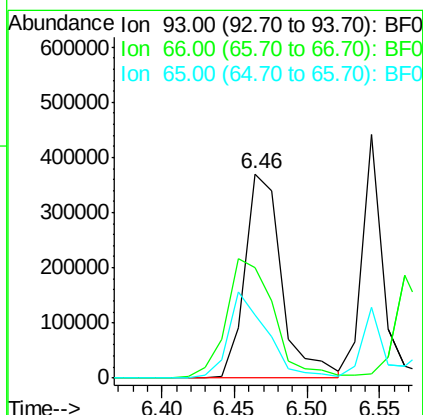
Manual Integrations  
APPROVED

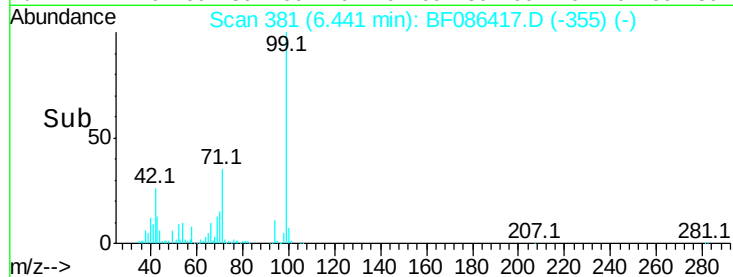
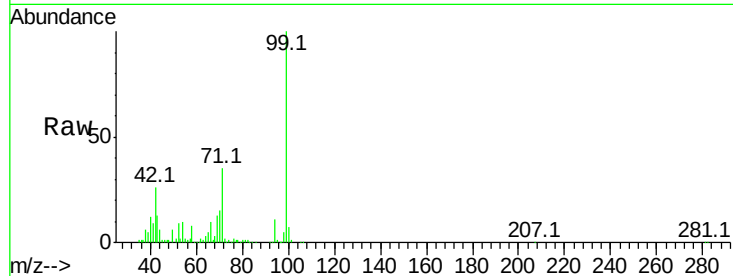
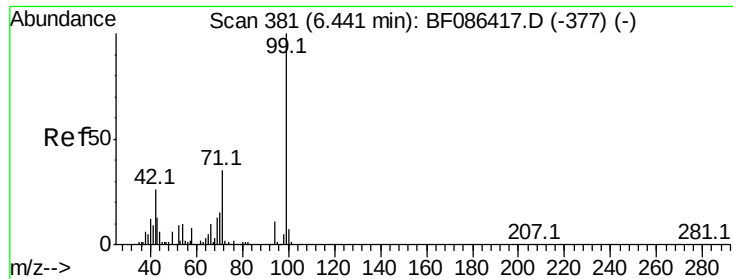
sohil  
4/28/2016 1:40:48 PM



#6  
Aniline  
Concen: 43.12 ng  
RT: 6.46 min Scan# 383  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 655115 |       |       |
| 66      | 53.9  |        | 39.0  | 58.6  |
| 65      | 30.9  |        | 20.6  | 31.0  |





#7

Phenol-d6

Concen: 78.71 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

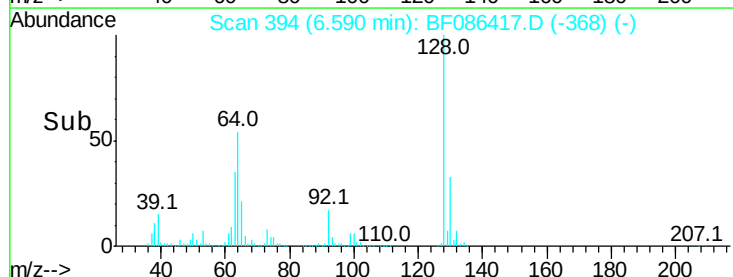
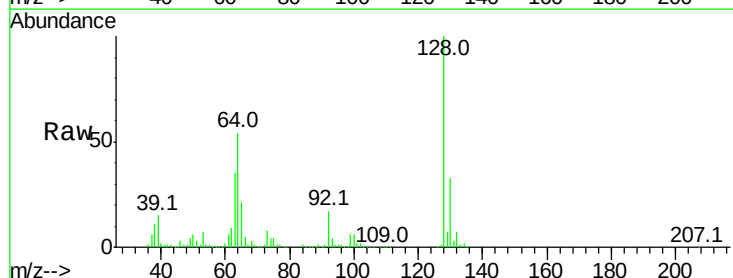
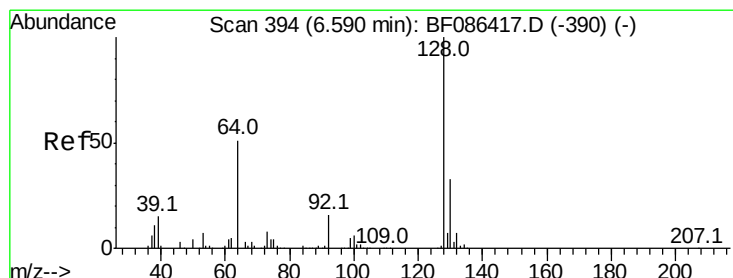
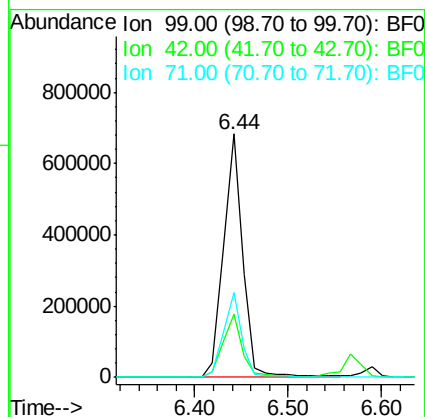
ClientSampleId :

SSTDICCC040

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM

| Tot Ion | 99    | Resp  | 979954 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 99      | 100   |       |        |
| 42      | 26.0  | 13.6  | 20.4#  |
| 71      | 35.0  | 24.6  | 36.8   |



#8

2-Chlorophenol

Concen: 40.13 ng

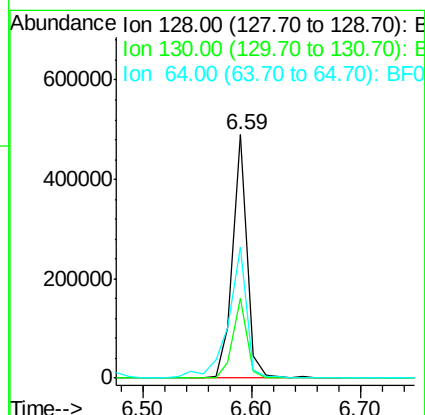
RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

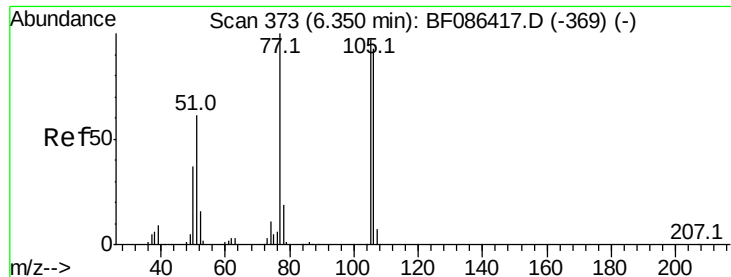
Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

| Tgt Ion | 128   | Resp  | 448760 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 128     | 100   |       |        |
| 130     | 32.8  | 12.5  | 52.5   |
| 64      | 53.7  | 27.3  | 67.3   |







#9

Benzaldehyde

Concen: 36.96 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

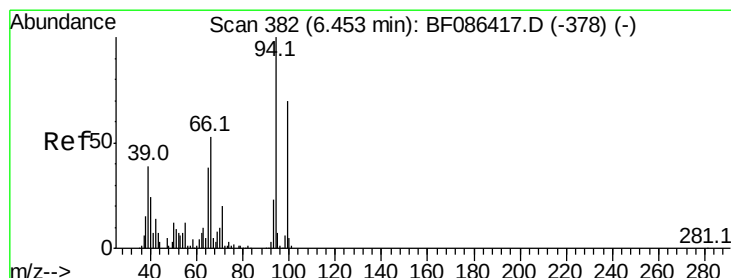
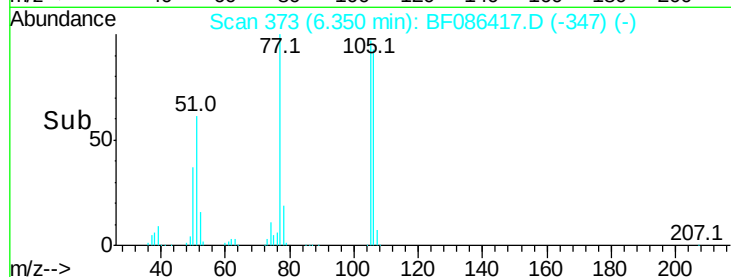
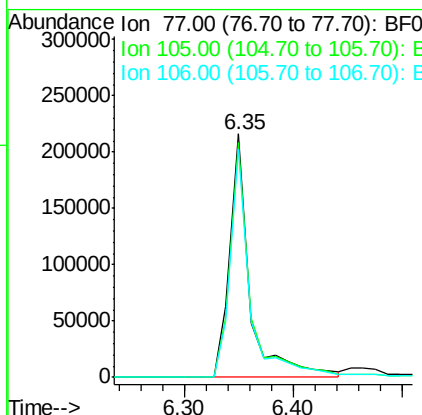
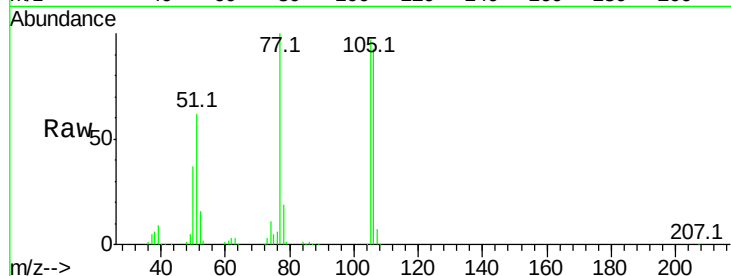
ClientSampleId :

SSTDICCC040

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 279518 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 96.5  | 72.7  | 112.7  |
| 106       | 93.5  | 70.8  | 110.8  |



#10

Phenol

Concen: 34.90 ng

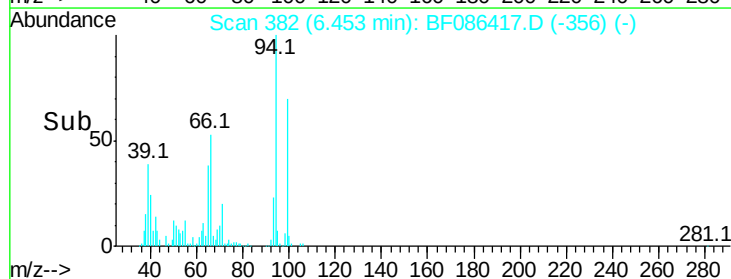
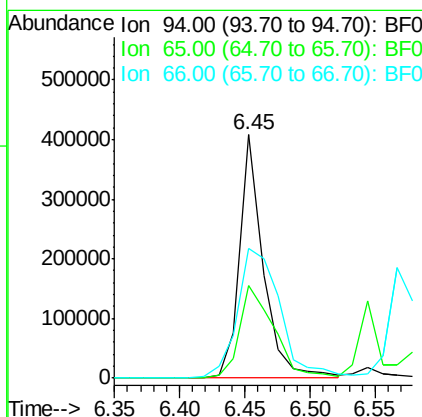
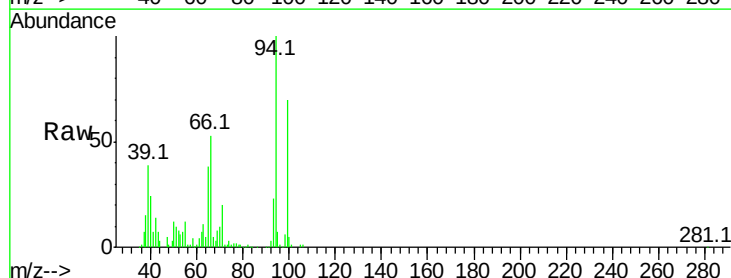
RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

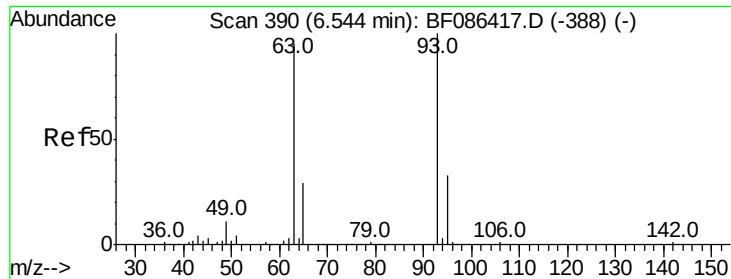
Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 513115 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 38.0  | 7.2   | 47.2   |
| 66        | 53.1  | 14.9  | 54.9   |







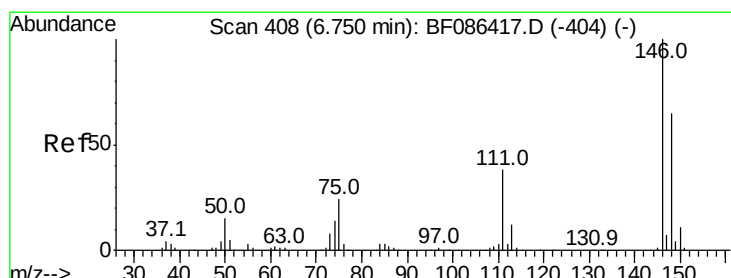
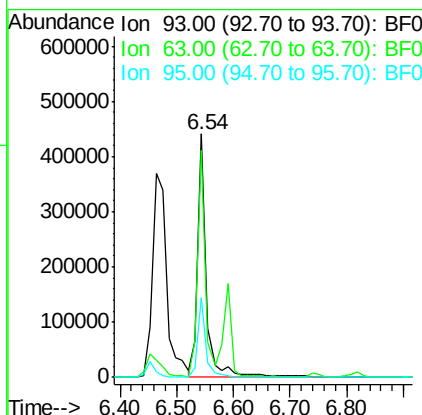
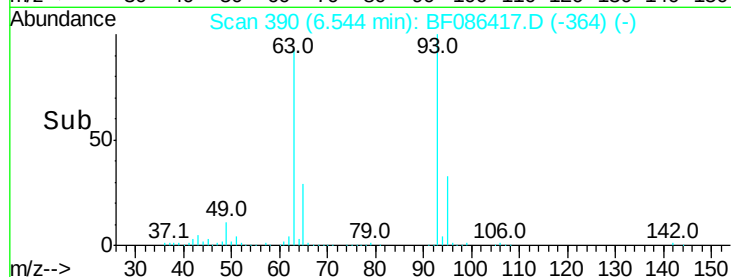
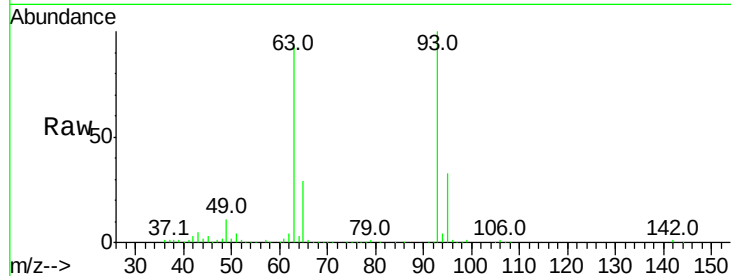
#11  
 bis(2-Chloroethyl)ether  
 Concen: 36.49 ng  
 RT: 6.54 min Scan# 390  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 467018 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 93.1  | 58.0  | 98.0   |
| 95        | 32.6  | 11.9  | 51.9   |

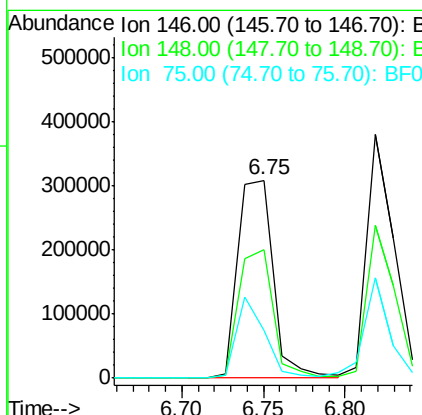
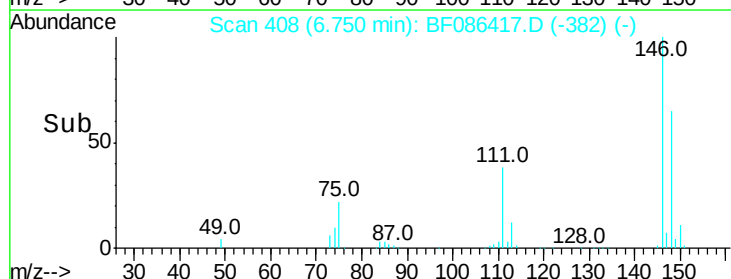
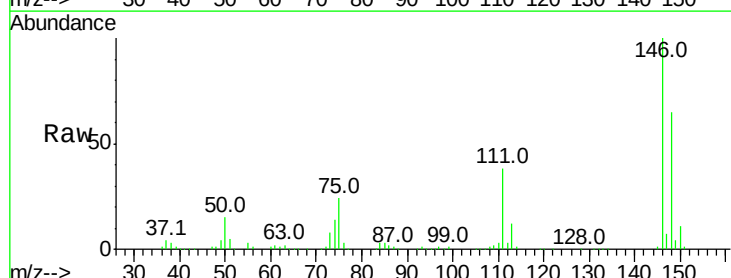
Manual Integrations  
 APPROVED

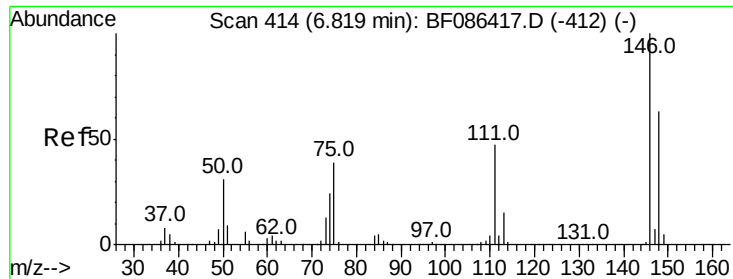
sohil  
 4/28/2016 1:40:48 PM



#12  
 1,3-Dichlorobenzene  
 Concen: 38.83 ng  
 RT: 6.75 min Scan# 408  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 463069 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.1  | 52.4  | 78.6   |
| 75        | 24.0  | 22.8  | 34.2   |





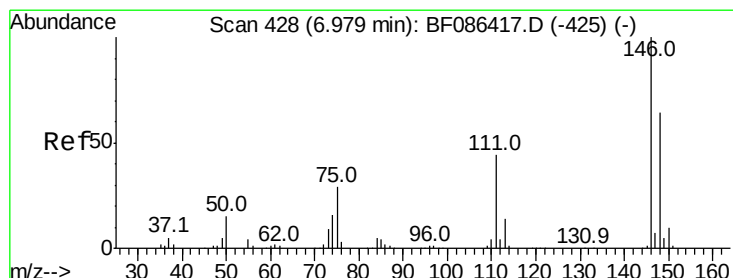
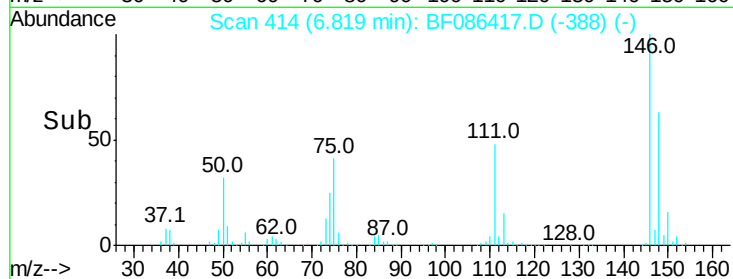
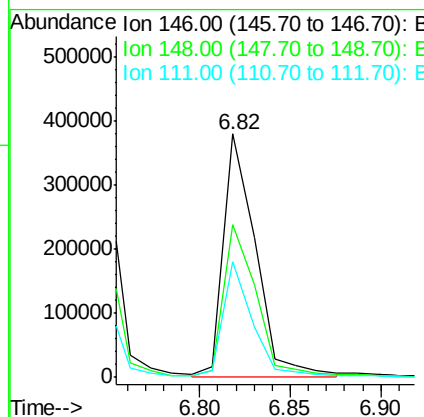
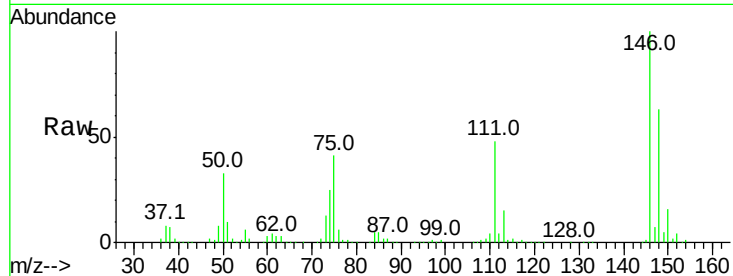
#13  
 1,4-Dichlorobenzene  
 Concen: 35.52 ng/ml  
 RT: 6.82 min Scan# 414  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 465217 |       |       |
| 148     | 62.7  | 52.2   | 78.4  |       |
| 111     | 47.6  | 30.7   | 46.1  |       |

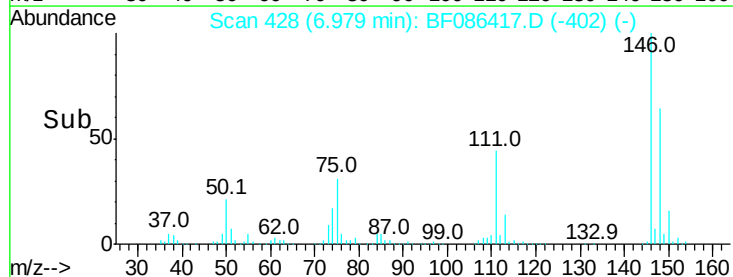
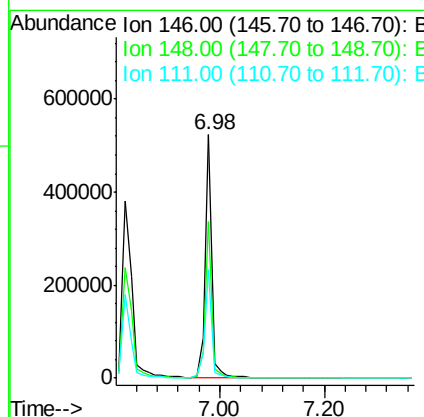
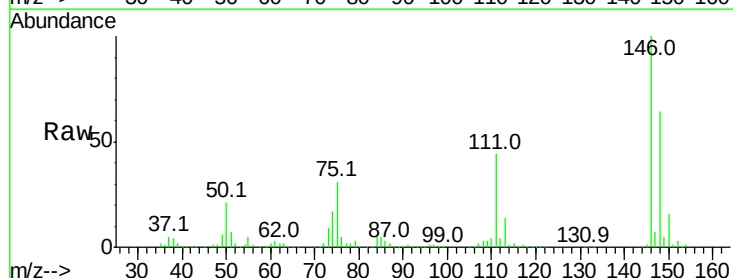
Manual Integrations  
 APPROVED

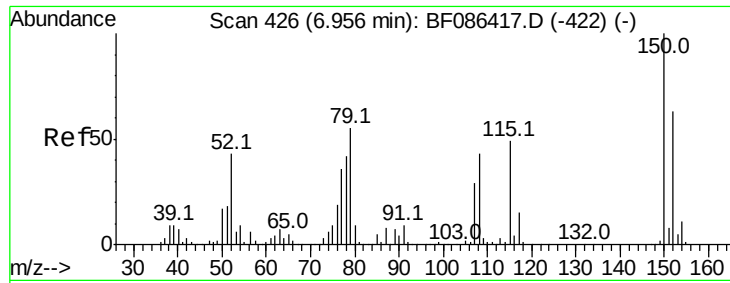
sohil  
 4/28/2016 1:40:48 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 39.36 ng/ml  
 RT: 6.98 min Scan# 428  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 468399 |       |       |
| 148     | 64.2  | 51.0   | 76.6  |       |
| 111     | 44.3  | 36.2   | 54.4  |       |





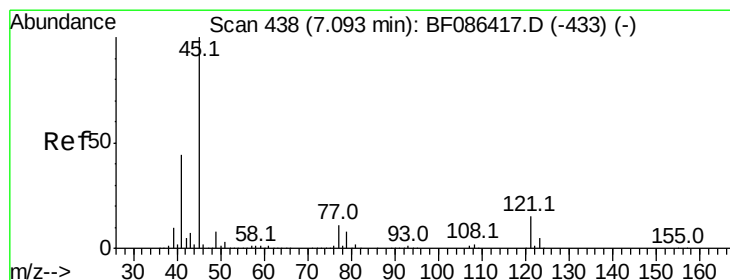
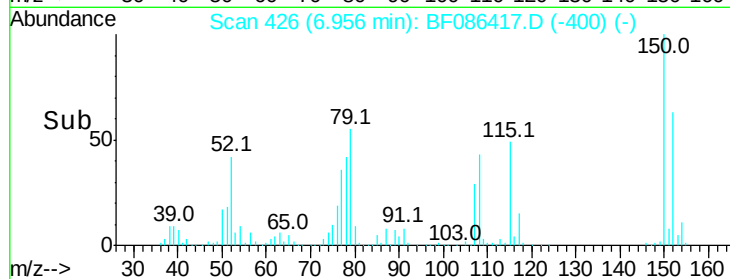
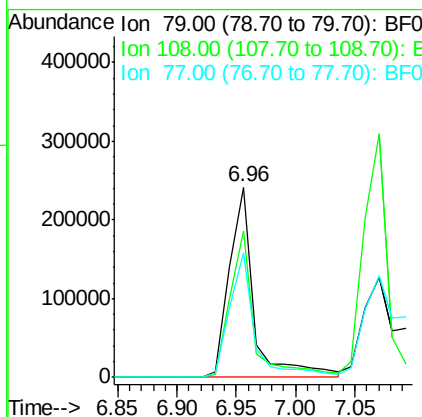
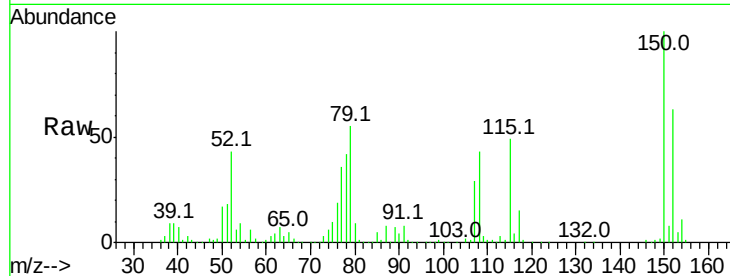
#15  
Benzyl Alcohol  
Concen: 47.15 ng  
RT: 6.96 min Scan# 426  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 77.2  | 68.4  | 102.6 |
| 77      | 65.3  | 50.6  | 76.0  |

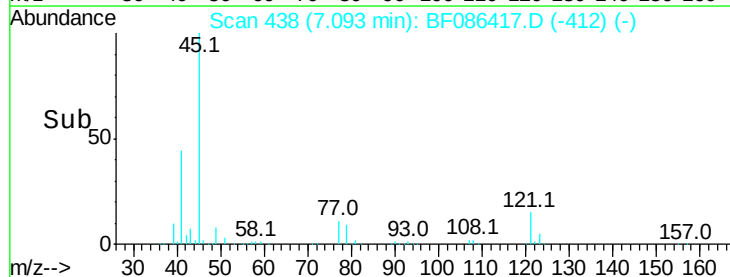
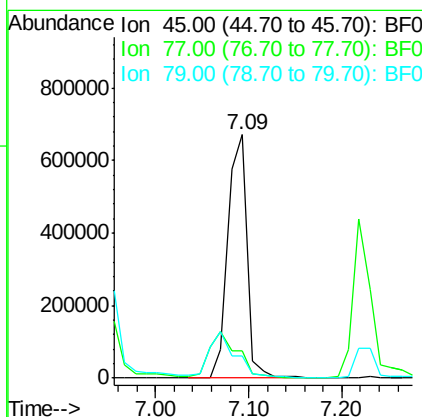
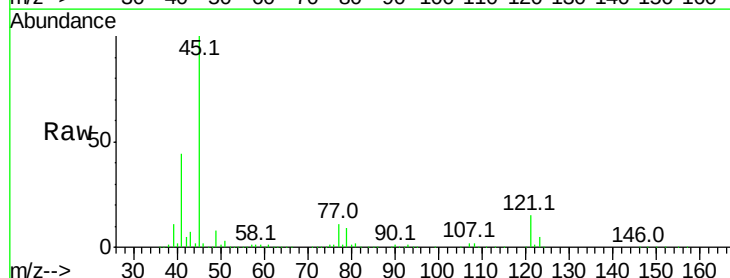
Manual Integrations  
APPROVED

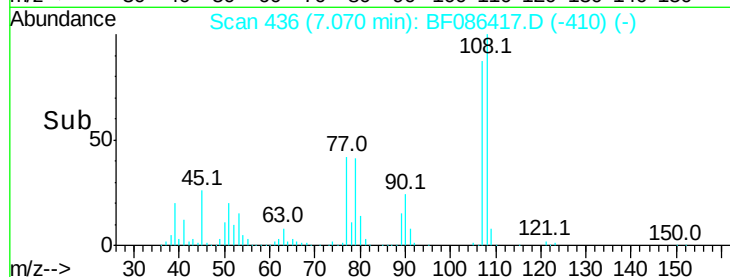
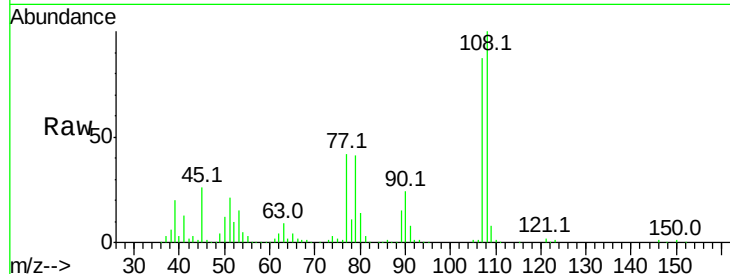
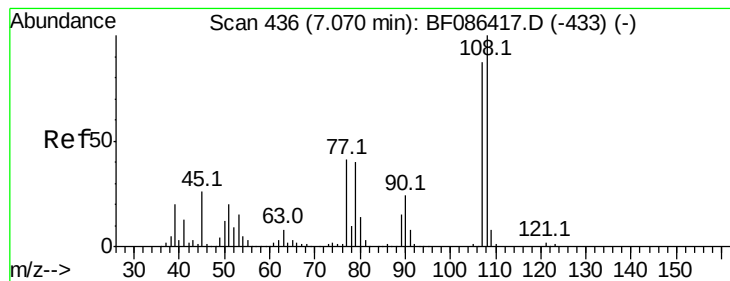
sohil  
4/28/2016 1:40:48 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 57.60 ng  
RT: 7.09 min Scan# 438  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 11.4  | 0.0   | 36.4  |
| 79      | 9.3   | 0.0   | 33.4  |





#17

2-Methylphenol

Concen: 40.49 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 371019 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 114.8 | 93.7  | 140.5  |
| 77        | 48.2  | 33.4  | 50.0   |
| 79        | 47.4  | 34.3  | 51.5   |

Instrument :

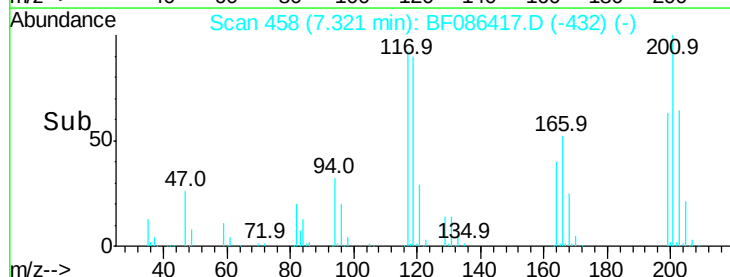
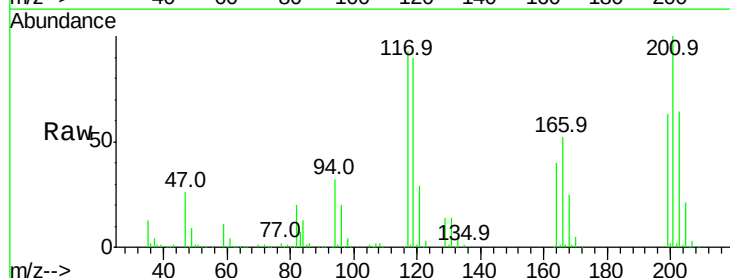
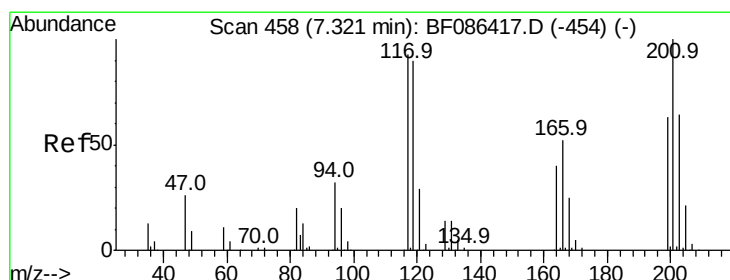
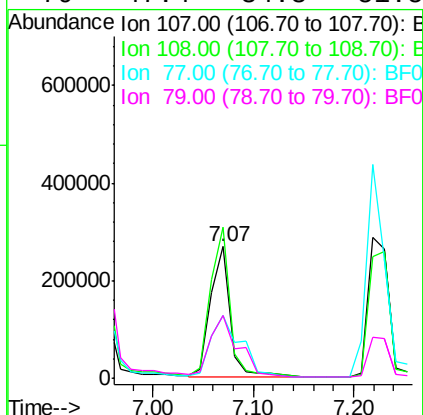
BNA\_F

ClientSampleId :

SSTDICCC040

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



#18

Hexachloroethane

Concen: 40.95 ng

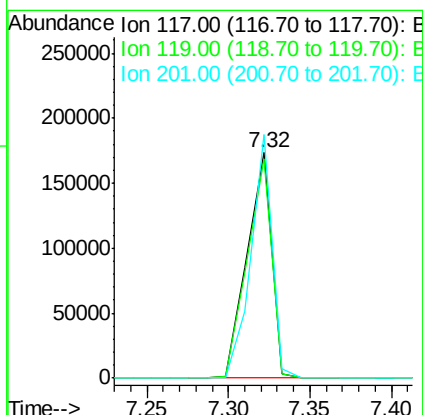
RT: 7.32 min Scan# 458

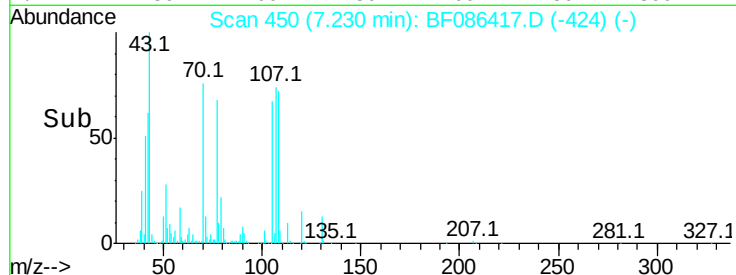
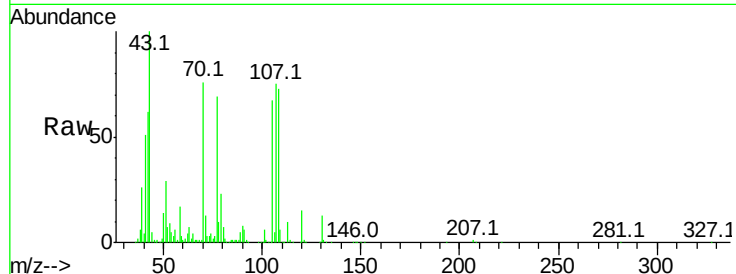
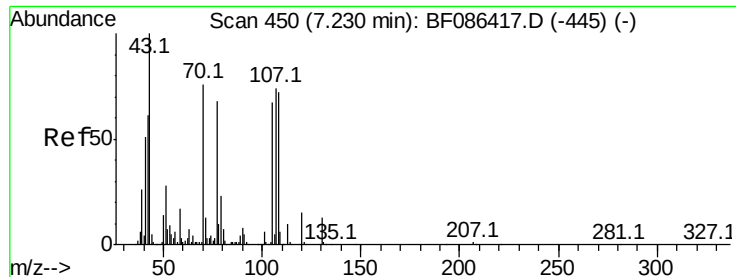
Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 180673 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 97.5  | 76.5  | 114.7  |
| 201       | 108.0 | 63.0  | 94.6#  |





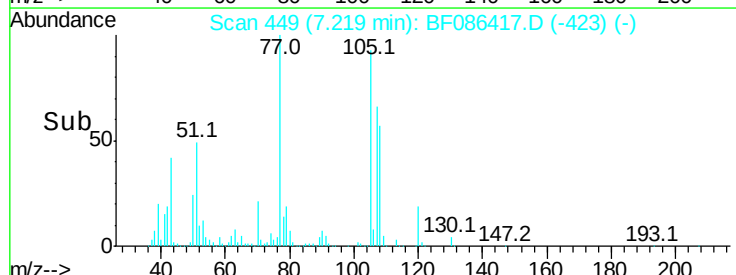
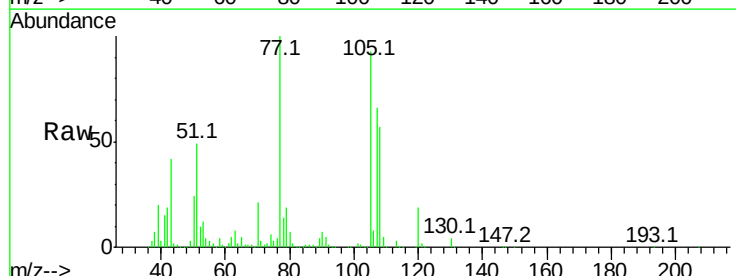
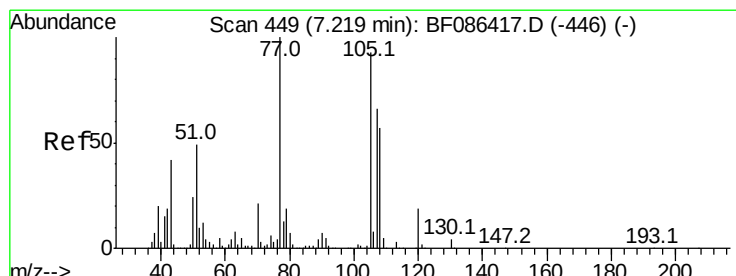
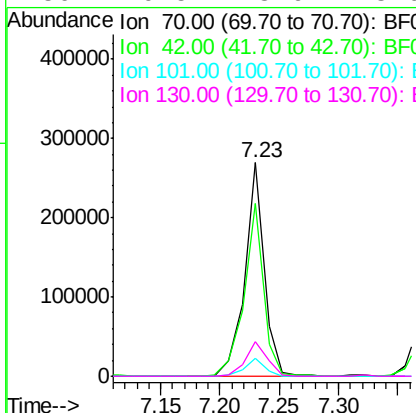
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.70 ng  
RT: 7.23 min Scan# 450  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       |       |       |       |
| 42      | 80.7 | 43.1  | 64.7# |       |       |
| 101     | 8.3  | 8.1   | 12.1  |       |       |
| 130     | 16.5 | 18.6  | 28.0# |       |       |

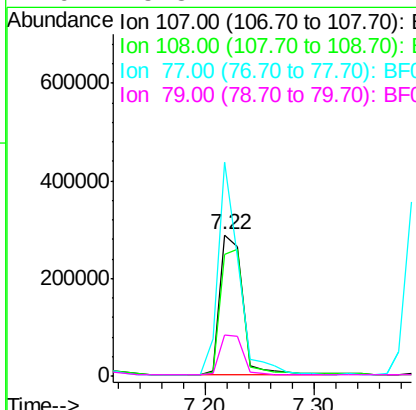
Manual Integrations  
APPROVED

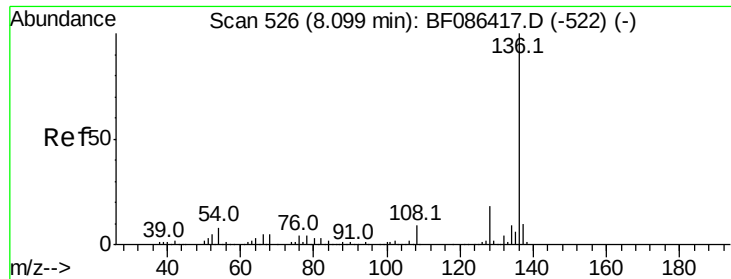
sohil  
4/28/2016 1:40:48 PM



#20  
3+4-Methylphenols  
Concen: 43.55 ng  
RT: 7.22 min Scan# 449  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 107     | 100   |       |        |       |       |
| 108     | 86.3  | 68.5  | 108.5  |       |       |
| 77      | 151.3 | 101.6 | 141.6# |       |       |
| 79      | 28.8  | 7.4   | 47.4   |       |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

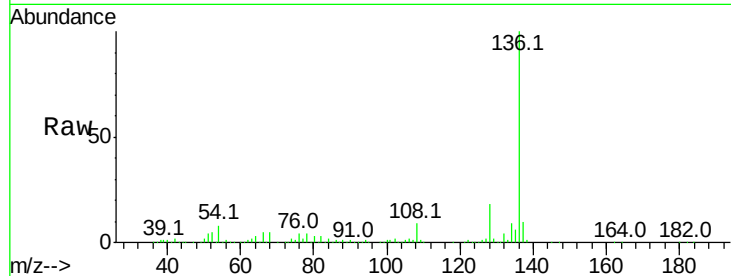
ClientSampleId :

SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 664679 |       |       |
| 137     | 10.4  |        | 8.8   | 13.2  |
| 54      | 8.1   |        | 5.0   | 7.4#  |
| 68      | 5.1   |        | 4.4   | 6.6   |

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM

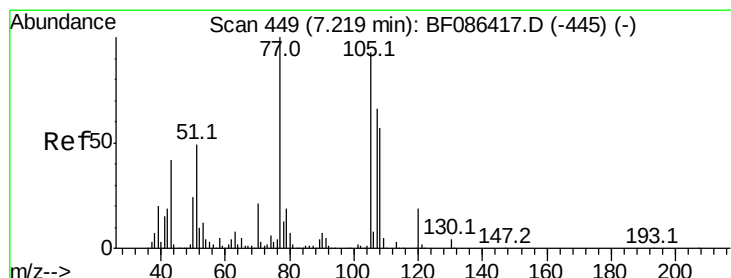
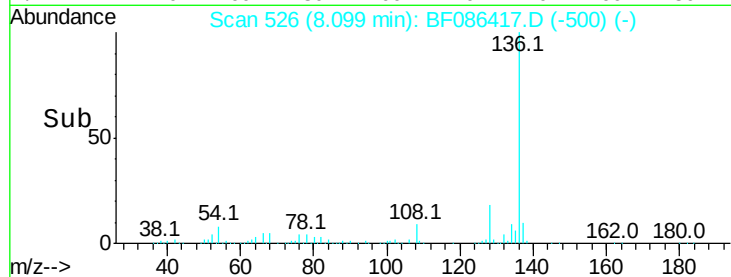
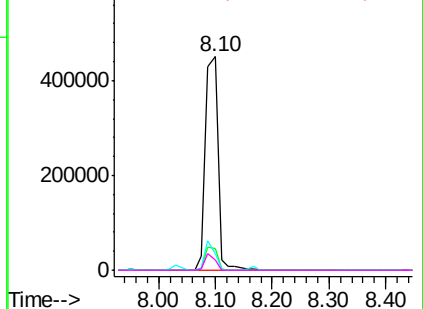


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.51 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

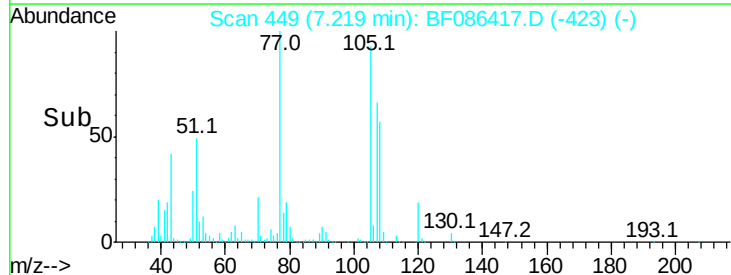
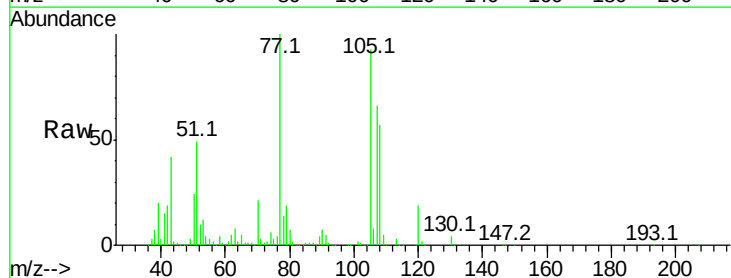
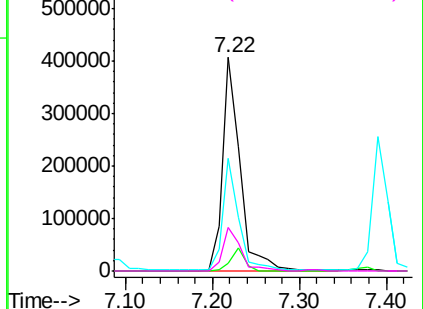
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 578788 |       |       |
| 71      | 3.7   |        | 4.8   | 7.2#  |
| 51      | 53.0  |        | 32.6  | 49.0# |
| 120     | 20.3  |        | 16.5  | 24.7  |

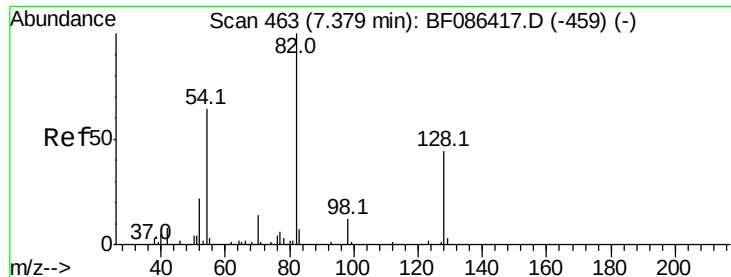
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





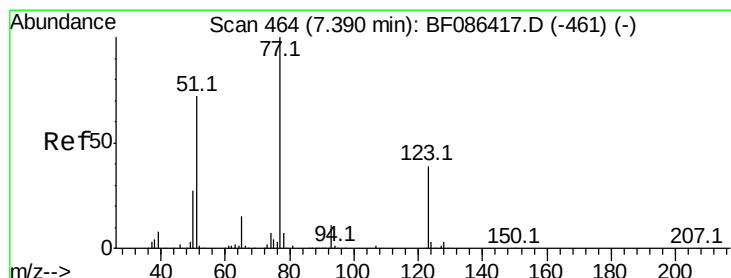
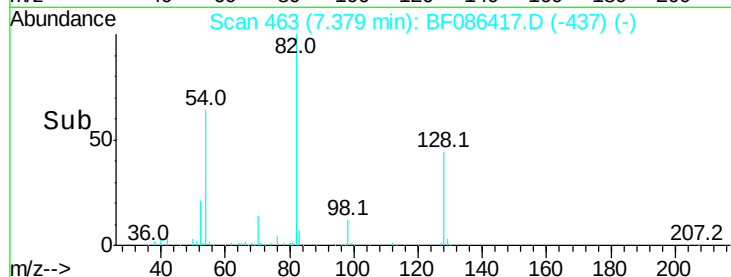
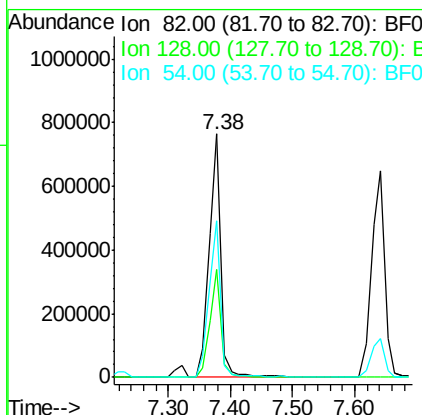
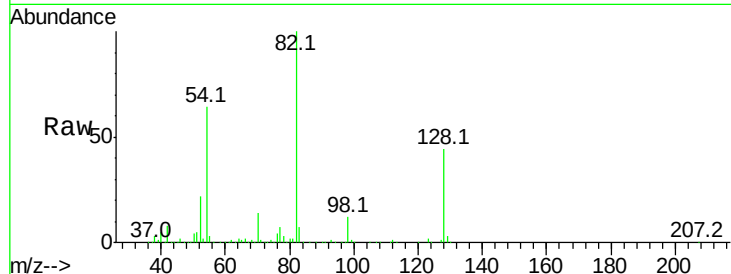
#23  
Nitrobenzene-d5  
Concen: 88.52 ng  
RT: 7.38 min Scan# 463  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 44.1  | 40.6 | 61.0  |       |
| 54      | 64.4  | 38.1 | 57.1  |       |

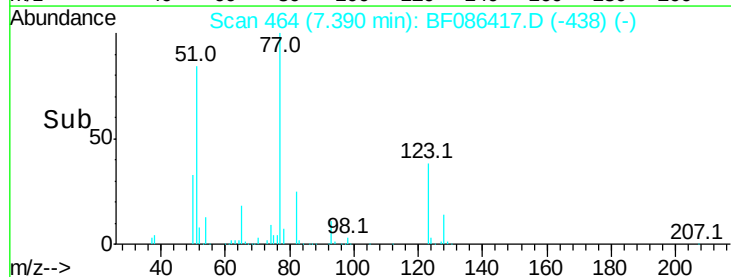
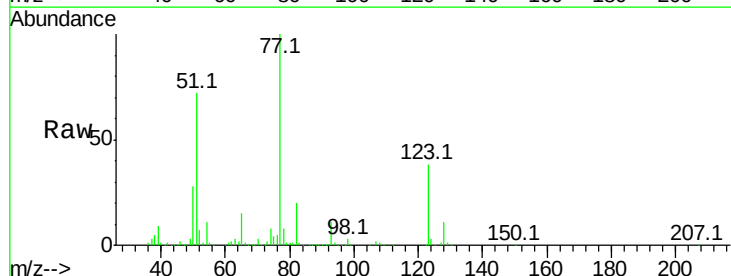
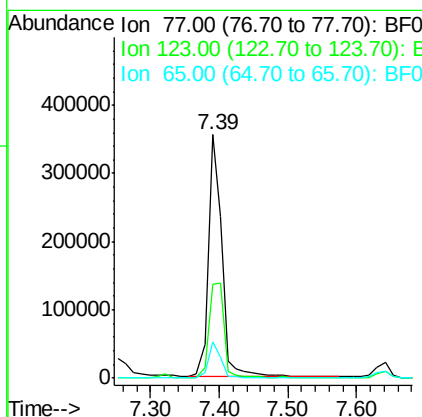
Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM

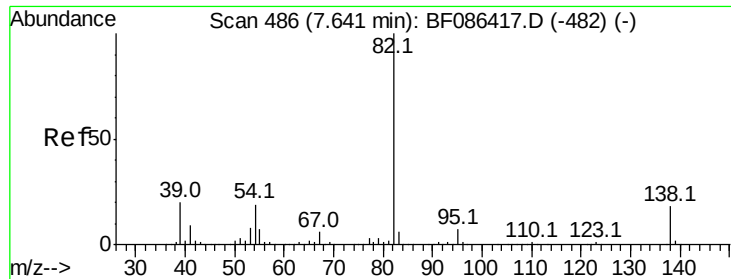


#24  
Nitrobenzene  
Concen: 40.64 ng  
RT: 7.39 min Scan# 464  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 38.4  | 33.0 | 49.4  |       |
| 65      | 14.6  | 10.8 | 16.2  |       |







#25

Isophorone

Concen: 42.64 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

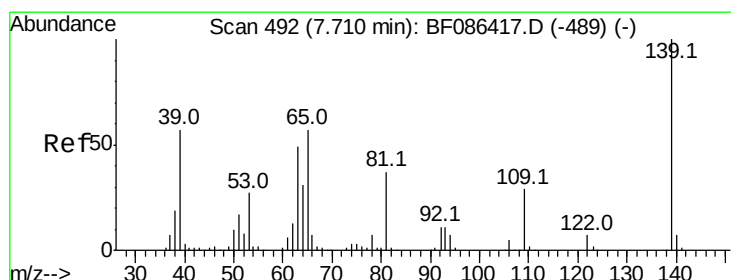
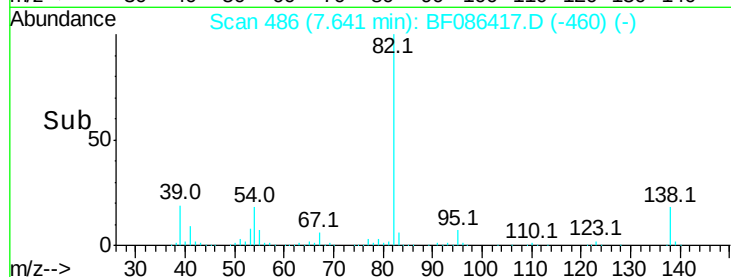
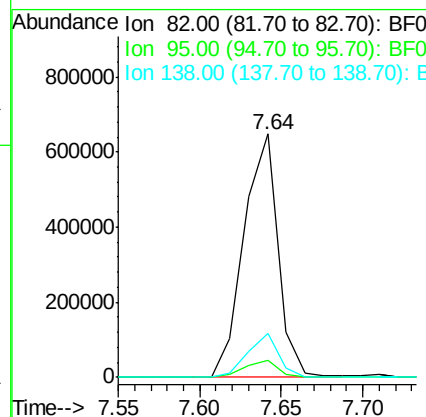
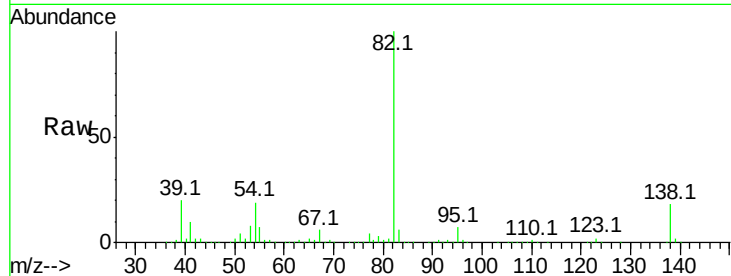
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 937653 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.9   | 5.1   | 7.7    |
| 138       | 17.8  | 12.4  | 18.6   |

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



#26

2-Nitrophenol

Concen: 41.64 ng

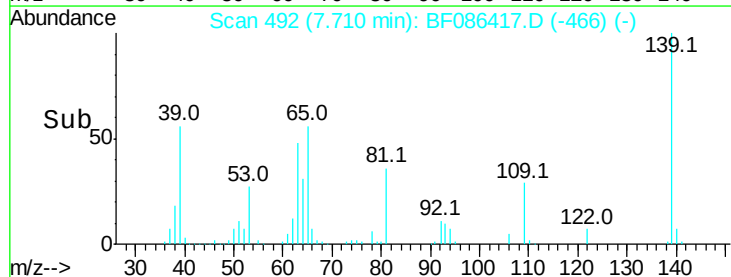
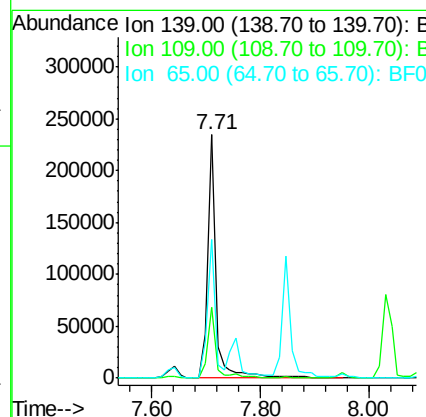
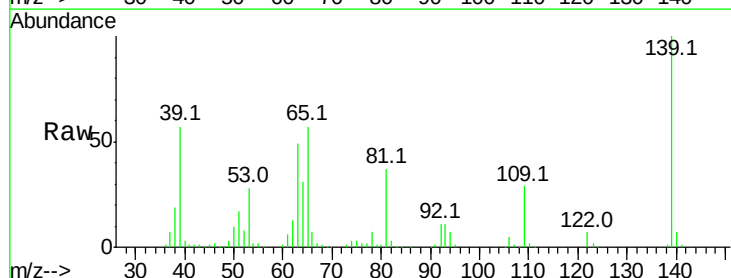
RT: 7.71 min Scan# 492

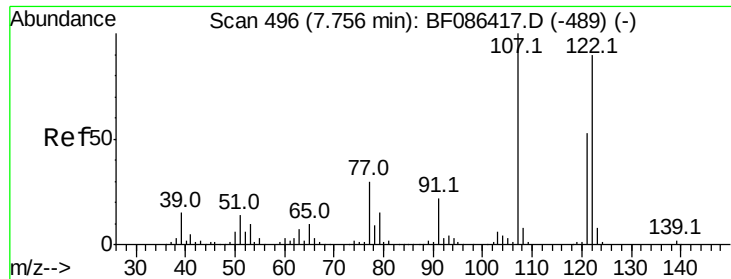
Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 247619 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 29.0  | 19.5  | 29.3   |
| 65        | 56.9  | 37.5  | 56.3#  |





#27

2,4-Dimethylphenol

Concen: 41.78 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

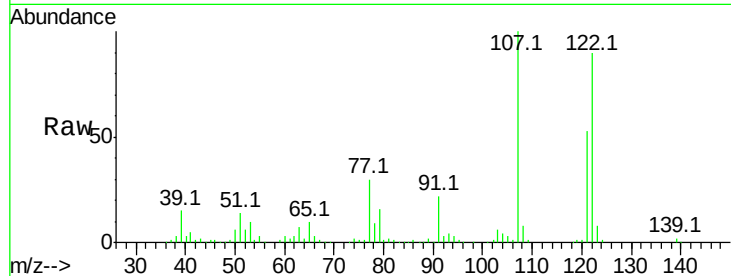
ClientSampleId :

SSTDICCC040

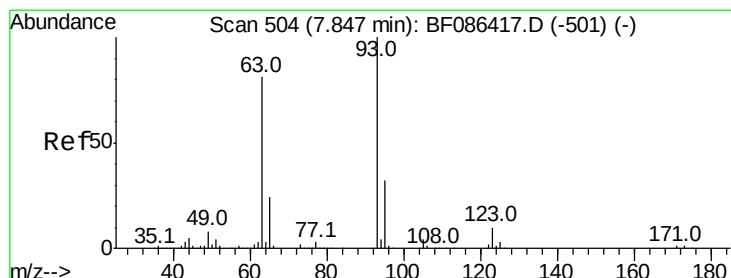
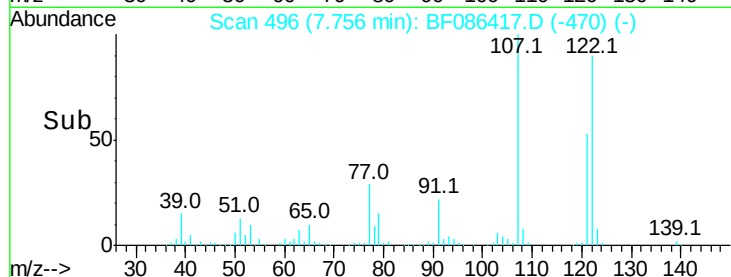
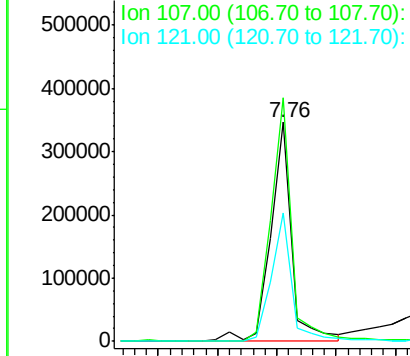
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 425458 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 111.1 | 82.0  | 123.0  |
| 121       | 58.9  | 46.1  | 69.1   |

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.21 ng

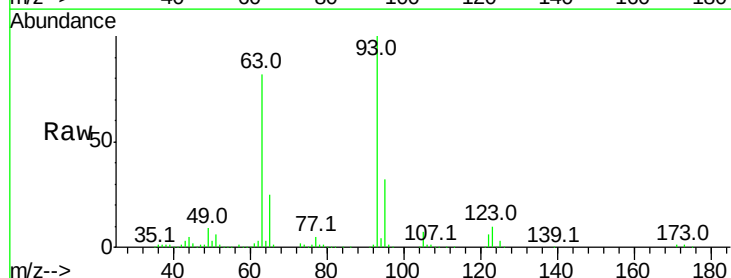
RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

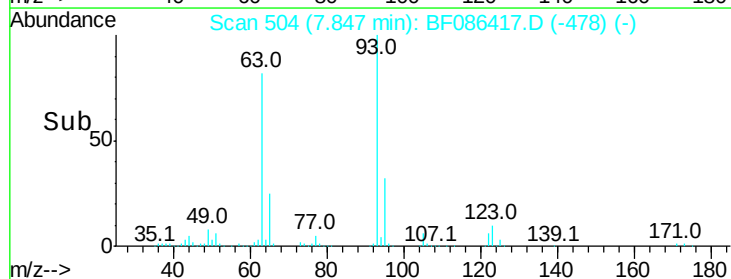
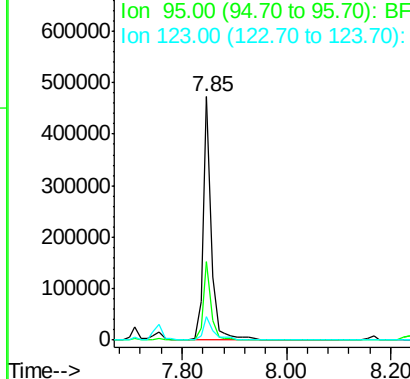
Lab File: BF086417.D

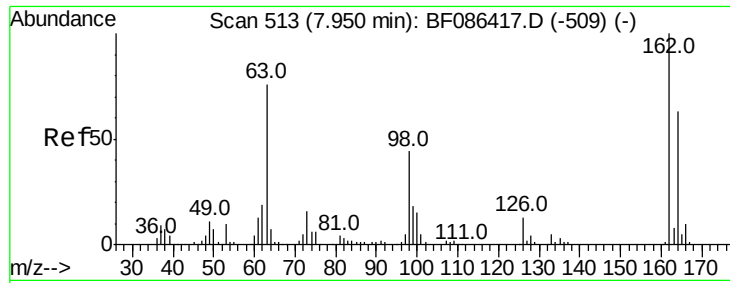
Acq: 27 Apr 2016 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 505917 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.1  | 26.0  | 39.0   |
| 123       | 9.8   | 9.5   | 14.3   |



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 123.00 (122.70 to 123.70): E





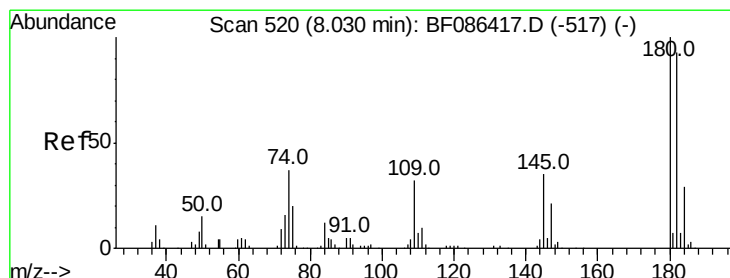
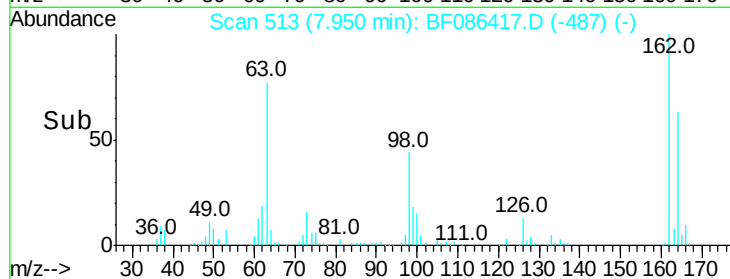
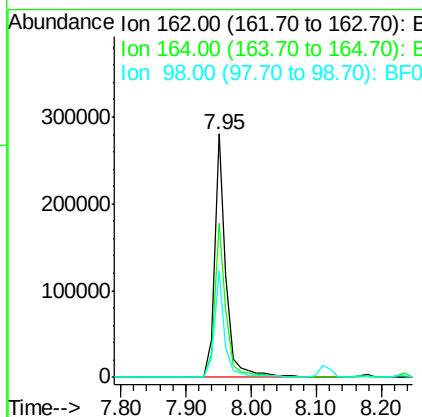
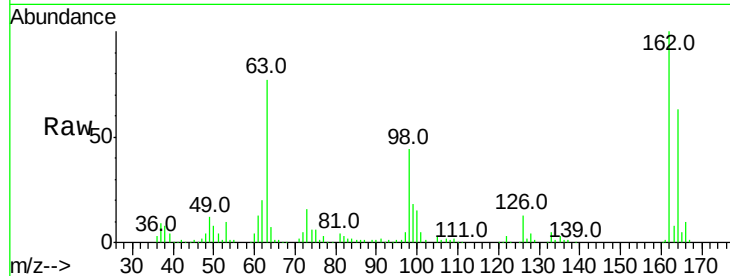
#29  
 2,4-Dichlorophenol  
 Concen: 41.39 ng  
 RT: 7.95 min Scan# 513  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 348397 |       |       |
| 164     | 63.4  | 42.2   | 82.2  |       |
| 98      | 43.8  | 19.0   | 59.0  |       |

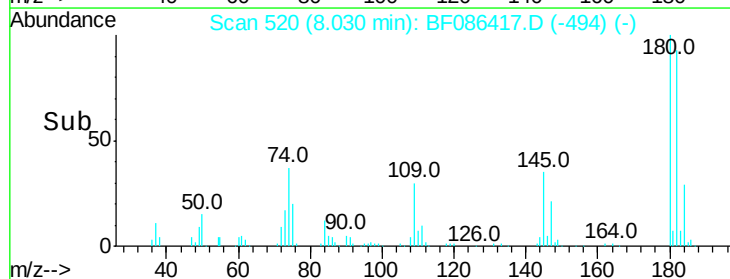
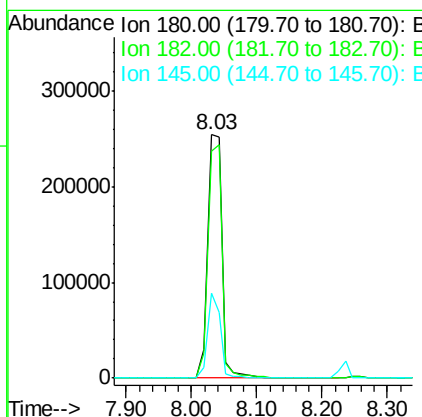
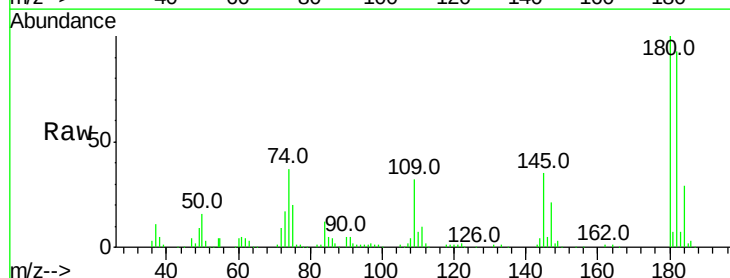
Manual Integrations  
 APPROVED

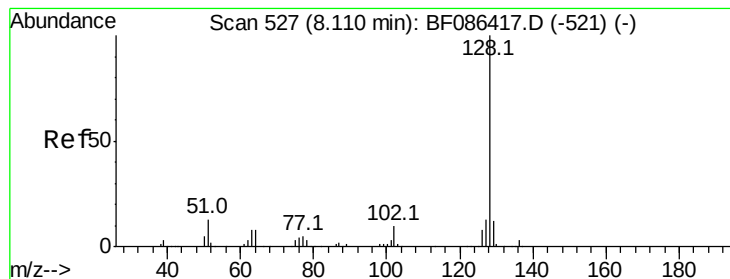
sohil  
 4/28/2016 1:40:48 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.88 ng  
 RT: 8.03 min Scan# 520  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 392021 |       |       |
| 182     | 93.3  | 78.0   | 117.0 |       |
| 145     | 34.6  | 24.2   | 36.2  |       |





#31

Naphthalene

Concen: 36.09 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1221910

Ion Ratio Lower Upper

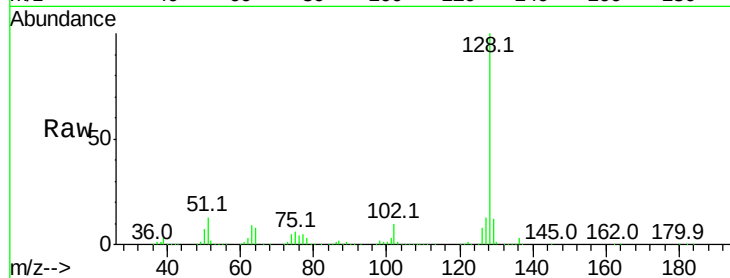
128 100

129 11.5 8.6 13.0

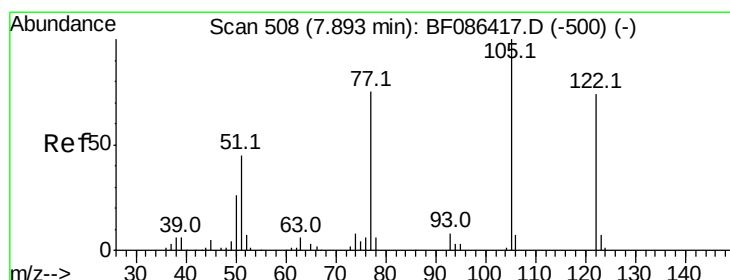
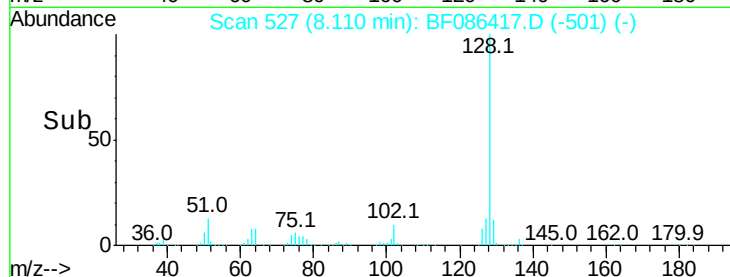
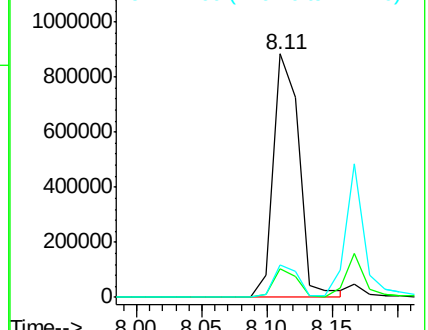
127 13.4 10.8 16.2

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



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



#32

Benzoic acid

Concen: 37.37 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

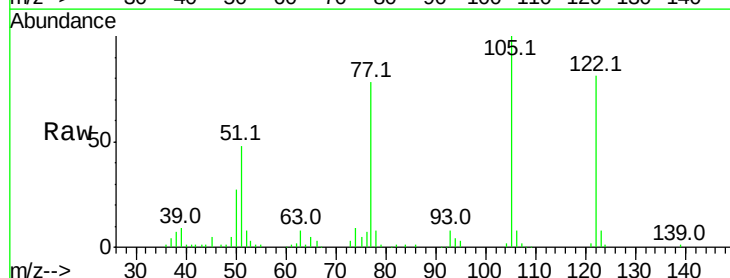
Tgt Ion:122 Resp: 243259

Ion Ratio Lower Upper

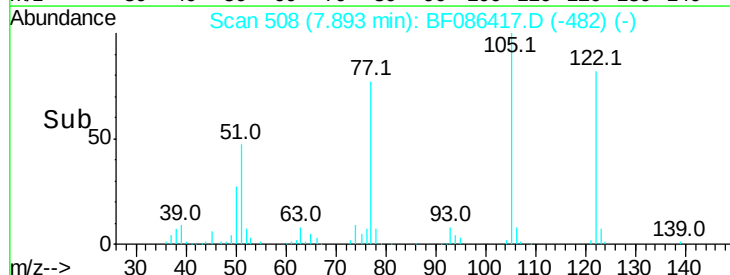
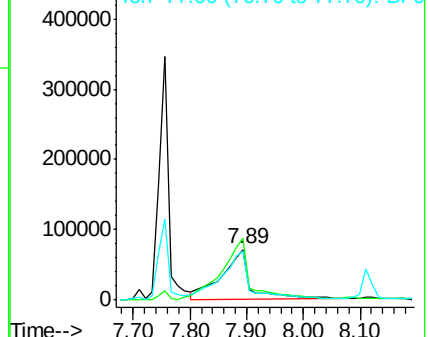
122 100

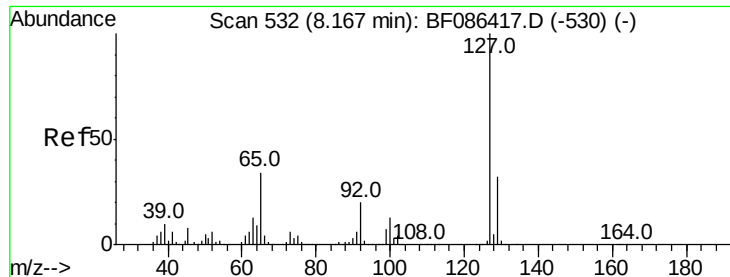
105 123.5 92.6 132.6

77 96.7 60.0 100.0



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





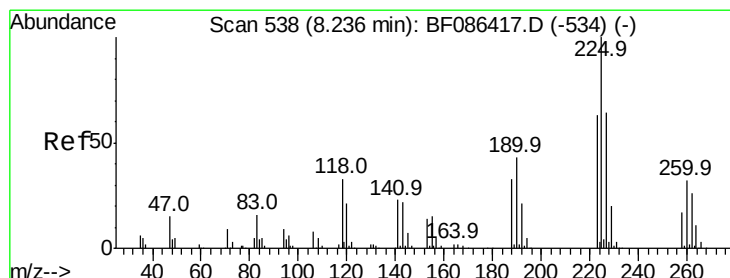
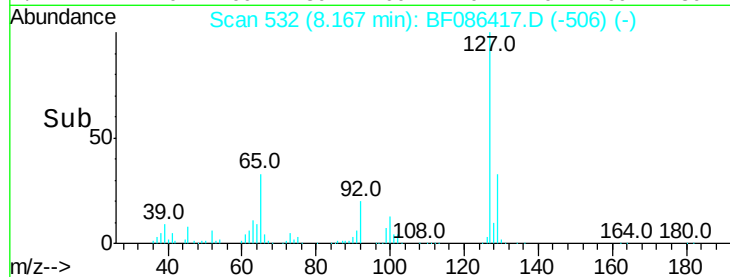
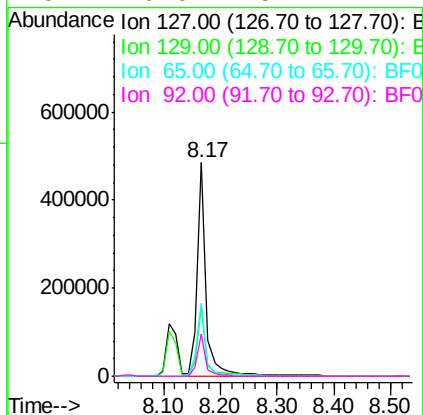
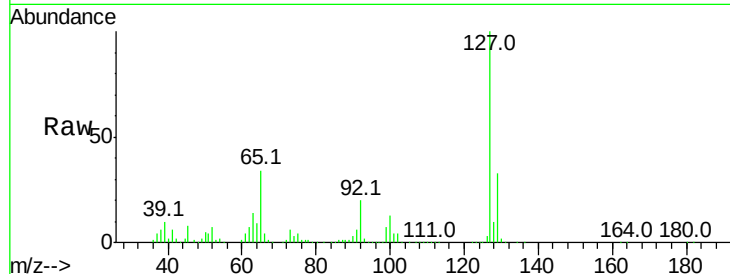
#33  
4-Chloroaniline  
Concen: 39.89 ng  
RT: 8.17 min Scan# 532  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 526112 |       |       |
| 129     | 32.6 | 26.2  | 39.4   |       |       |
| 65      | 34.1 | 23.0  | 34.4   |       |       |
| 92      | 20.0 | 15.1  | 22.7   |       |       |

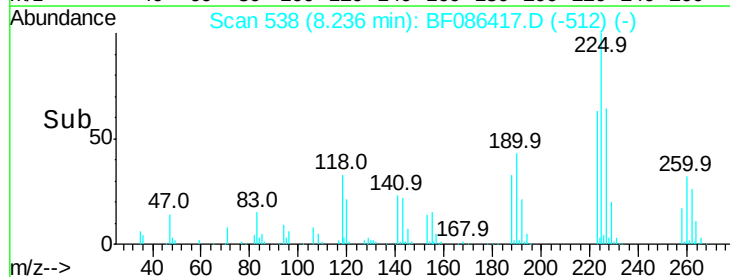
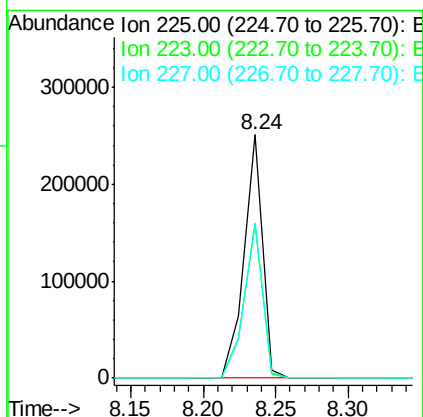
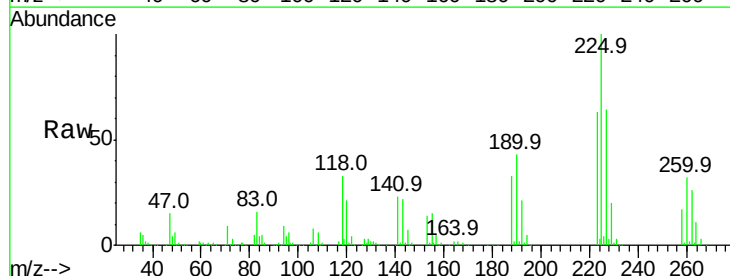
Manual Integrations  
APPROVED

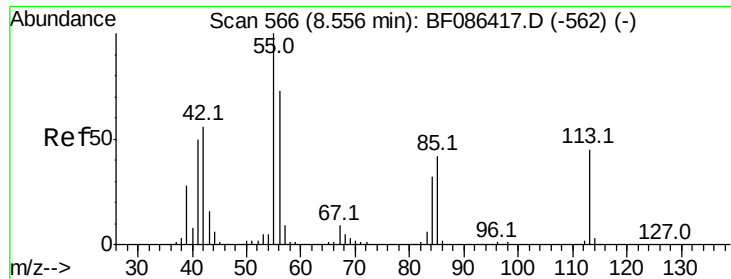
sohil  
4/28/2016 1:40:48 PM



#34  
Hexachlorobutadiene  
Concen: 48.79 ng  
RT: 8.24 min Scan# 538  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 222769 |       |       |
| 223     | 63.0 | 51.5  | 77.3   |       |       |
| 227     | 63.6 | 52.2  | 78.2   |       |       |





#35

Caprolactam

Concen: 40.26 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

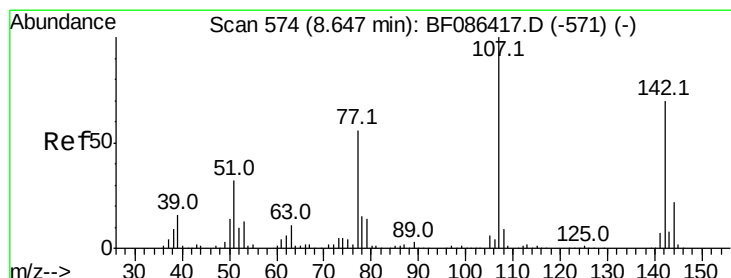
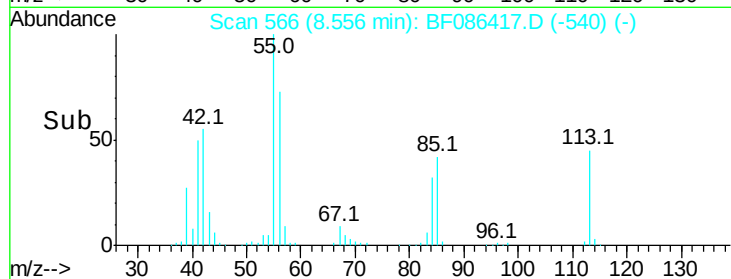
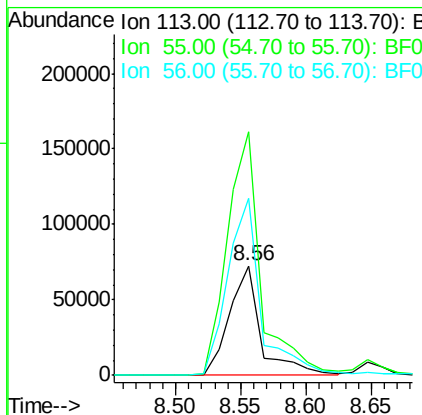
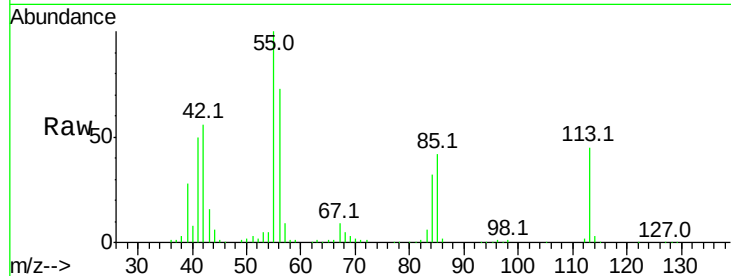
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 121595 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 222.7 | 162.0 | 202.0# |
| 56        | 162.1 | 115.3 | 155.3# |

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



#36

4-Chloro-3-methylphenol

Concen: 39.19 ng

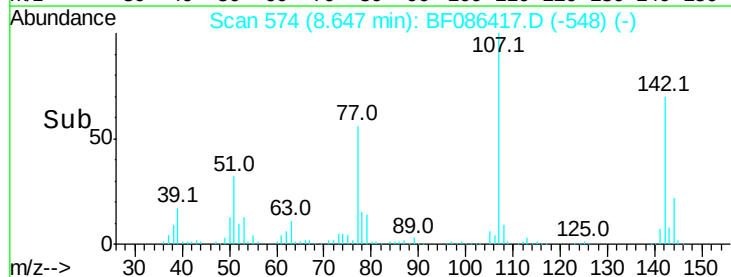
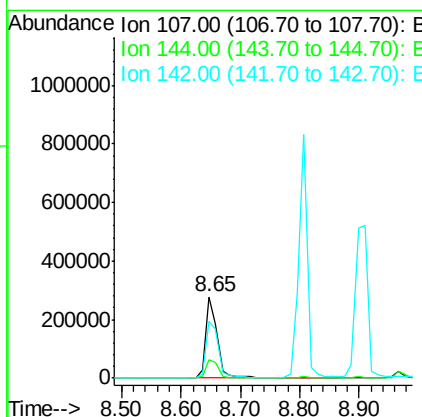
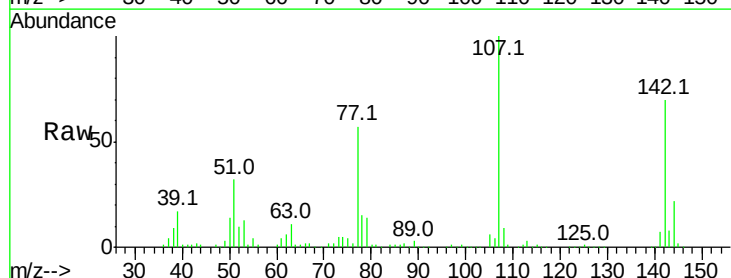
RT: 8.65 min Scan# 574

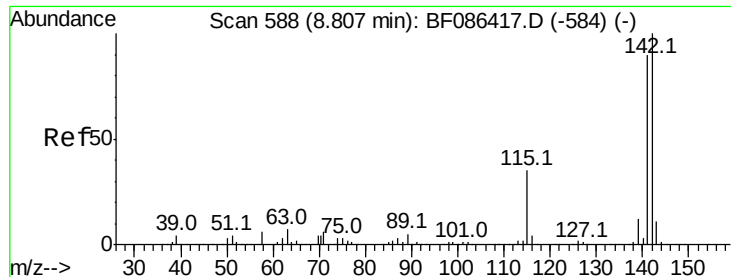
Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 392053 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 22.2  | 20.7  | 31.1   |
| 142       | 69.5  | 63.2  | 94.8   |





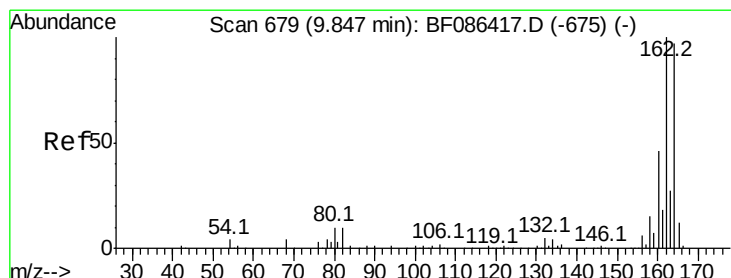
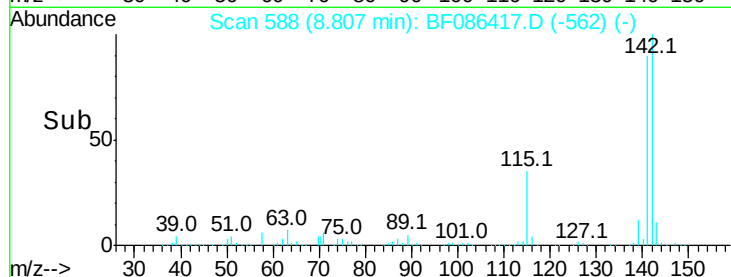
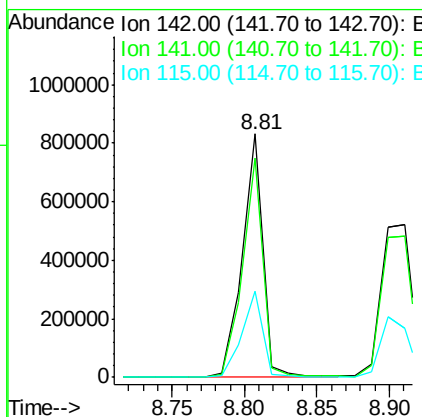
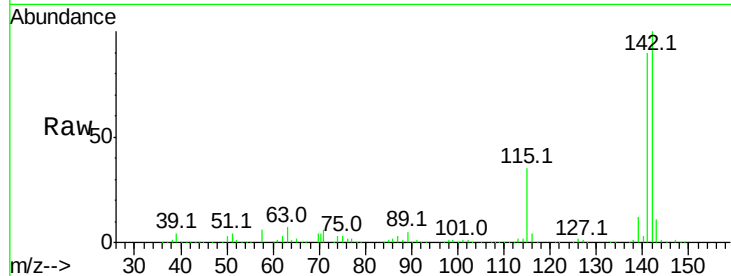
#37  
2-Methylnaphthalene  
Concen: 42.11 ng  
RT: 8.81 min Scan# 588  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 822337 |       |       |
| 141     | 89.9  | 71.0   | 106.6 |       |
| 115     | 35.3  | 26.6   | 39.8  |       |

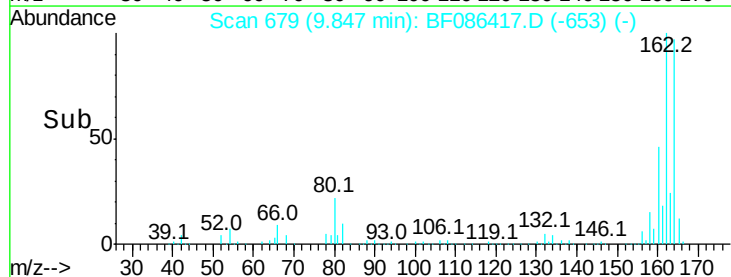
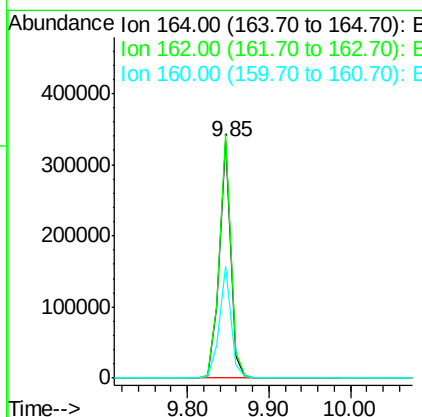
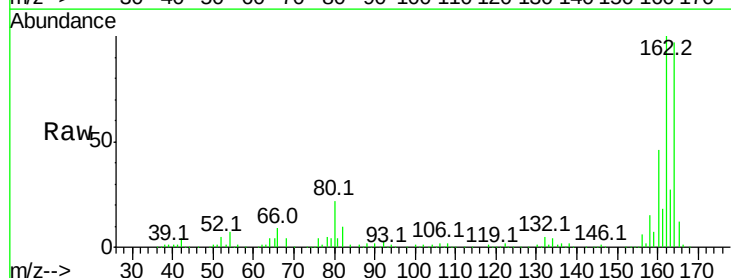
Manual Integrations  
APPROVED

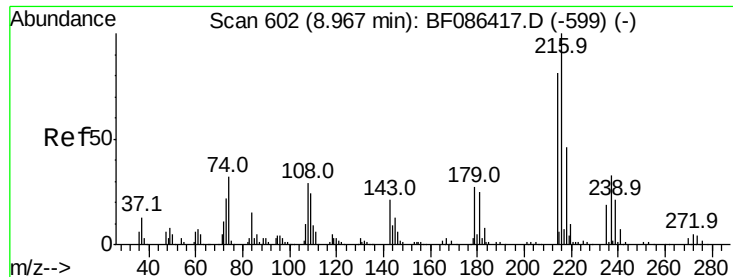
sohil  
4/28/2016 1:40:48 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.85 min Scan# 679  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 326741 |       |       |
| 162     | 102.7 | 82.8   | 124.2 |       |
| 160     | 47.0  | 36.9   | 55.3  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.38 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

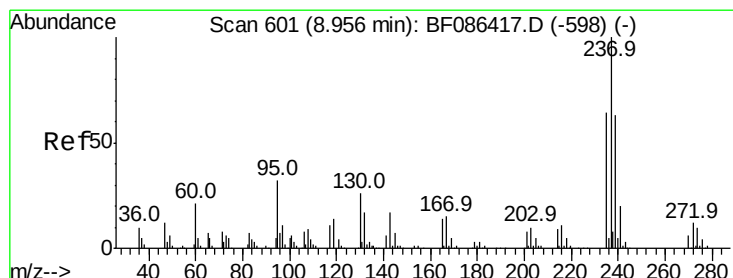
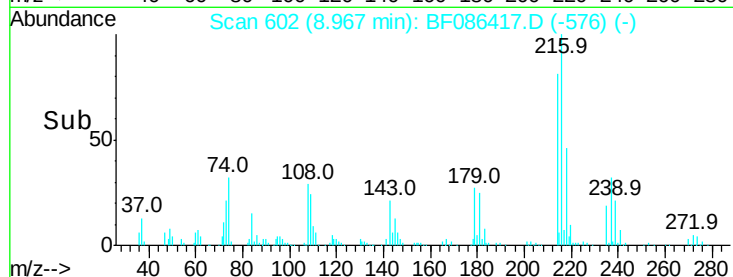
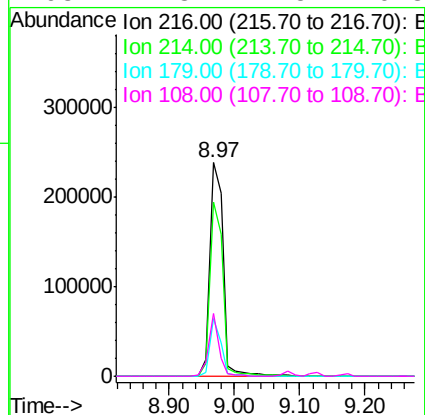
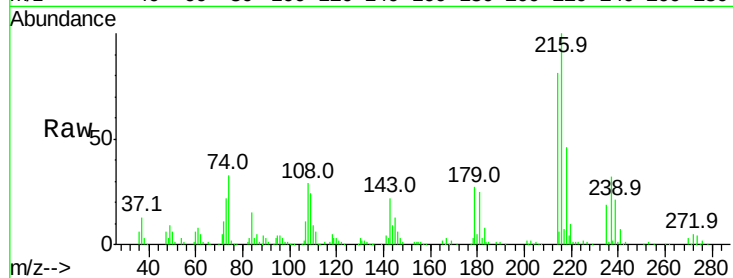
ClientSampleId :

SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 341330 |       |       |
| 214     | 79.3  | 62.6   | 93.8  |       |
| 179     | 23.1  | 18.2   | 27.4  |       |
| 108     | 22.8  | 17.5   | 26.3  |       |

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



#40

Hexachlorocyclopentadiene

Concen: 43.44 ng

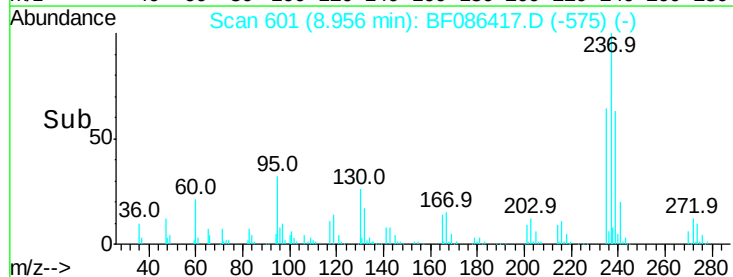
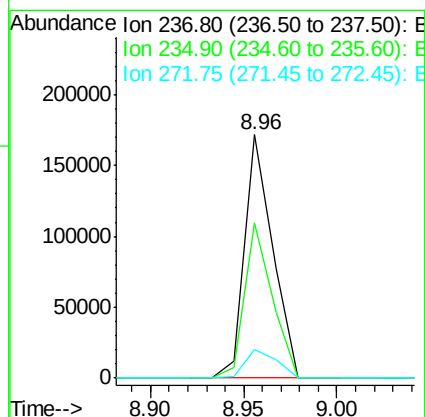
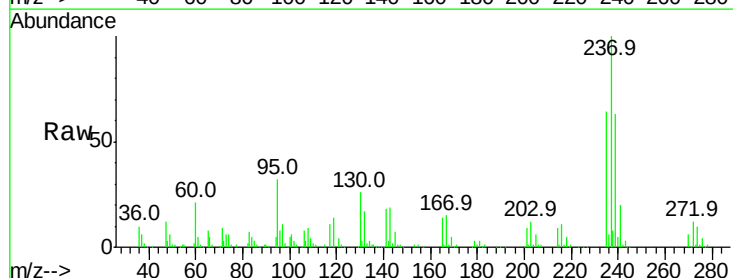
RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

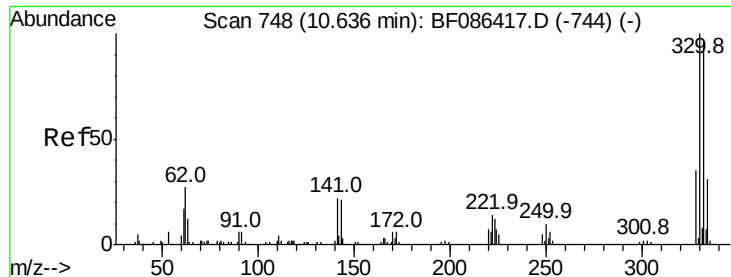
Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 179355 |       |       |
| 235     | 63.6  | 47.2   | 87.2  |       |
| 272     | 11.6  | 0.0    | 31.1  |       |







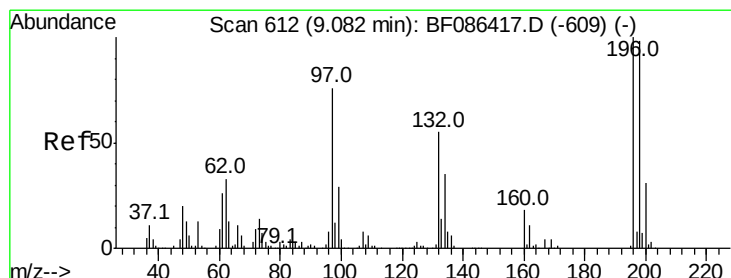
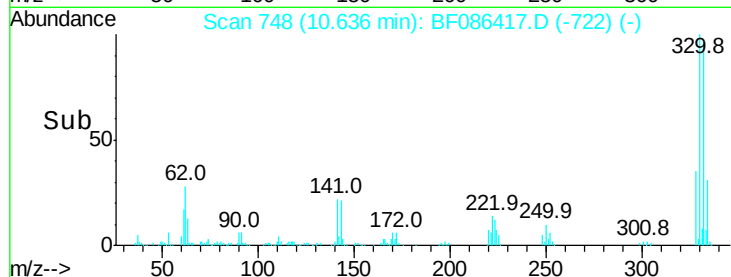
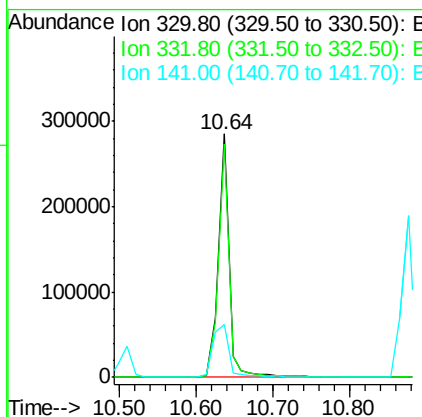
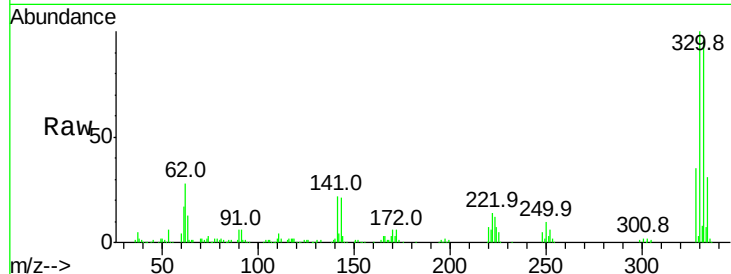
#41  
 2,4,6-Tribromophenol  
 Concen: 95.86 ng  
 RT: 10.64 min Scan# 748  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 283521 |       |       |
| 332     | 96.2  | 79.0   | 118.4 |       |
| 141     | 33.7  | 31.2   | 46.8  |       |

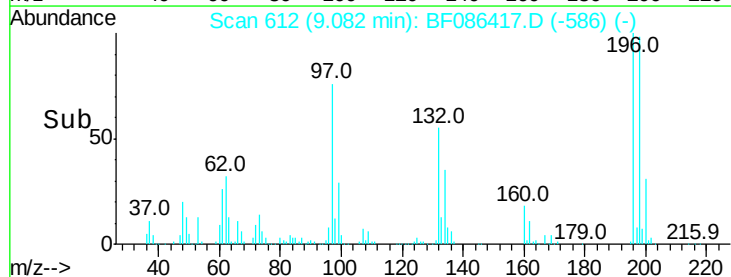
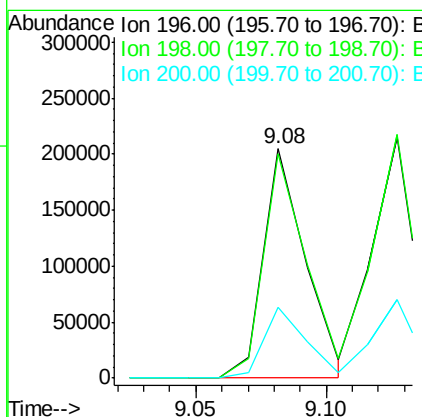
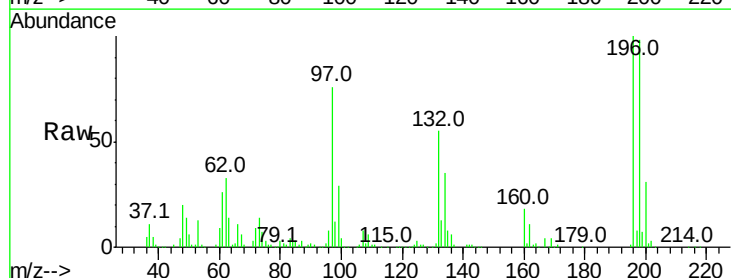
Manual Integrations  
 APPROVED

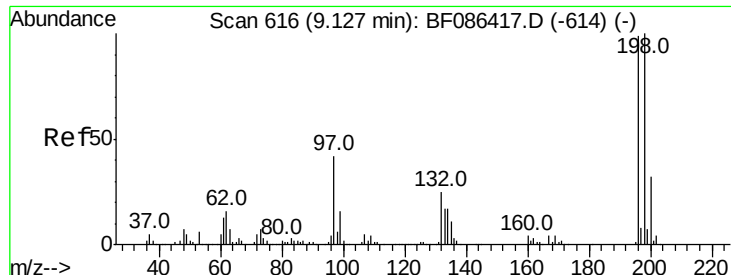
sohil  
 4/28/2016 1:40:48 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 41.86 ng  
 RT: 9.08 min Scan# 612  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 232014 |       |       |
| 198     | 97.8  | 74.7   | 112.1 |       |
| 200     | 31.0  | 23.8   | 35.6  |       |





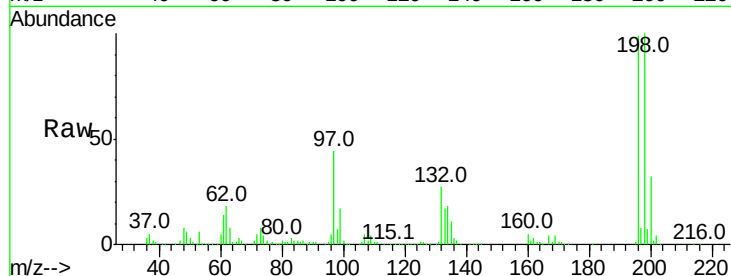
#43  
 2,4,5-Trichlorophenol  
 Concen: 37.69 ng  
 RT: 9.13 min Scan# 616  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

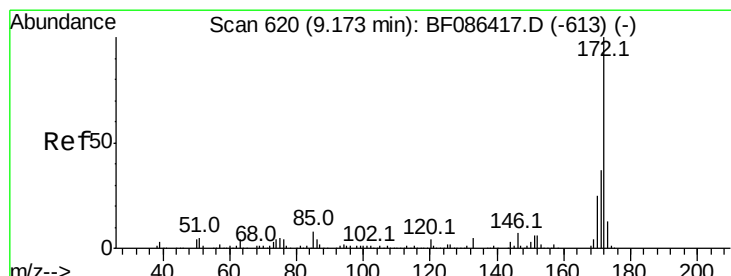
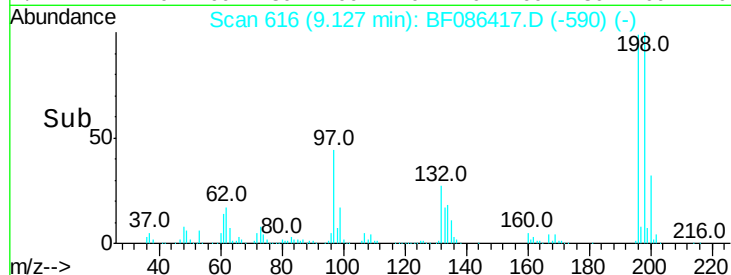
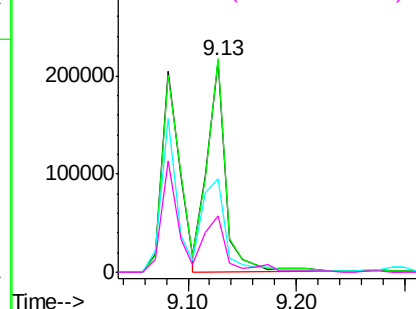
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 257195 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 101.1 | 77.5  | 116.3  |
| 97        | 44.4  | 34.8  | 52.2   |
| 132       | 27.0  | 23.0  | 34.4   |

Manual Integrations  
 APPROVED

sohil  
 4/28/2016 1:40:48 PM



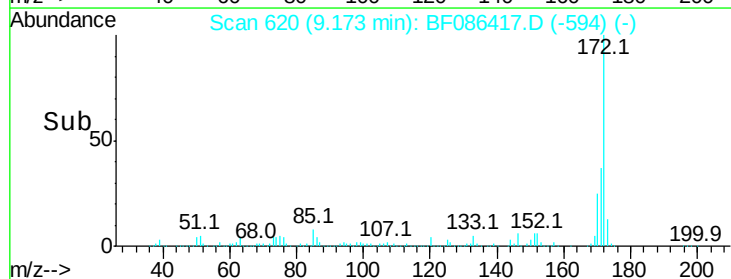
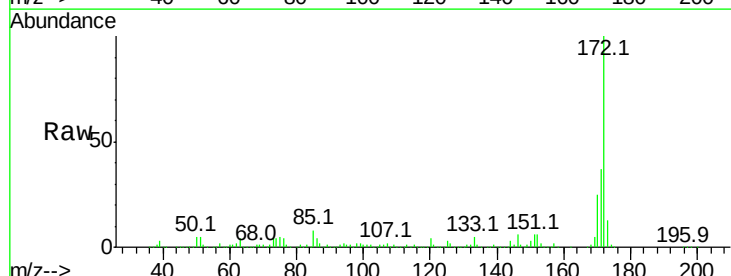
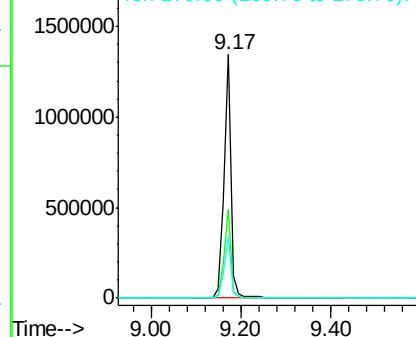
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

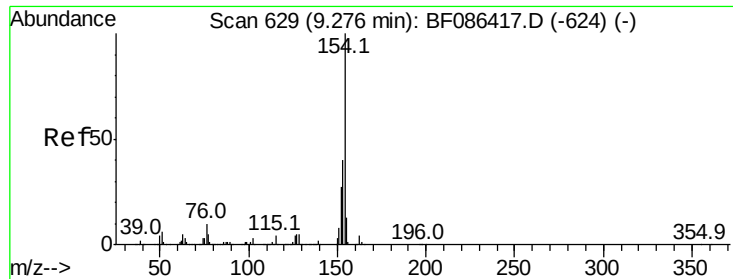


#44  
 2-Fluorobiphenyl  
 Concen: 75.92 ng  
 RT: 9.17 min Scan# 620  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1453705 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 36.7  | 29.0  | 43.6    |
| 170       | 25.3  | 19.8  | 29.8    |

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: 40.80 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1034276

Ion Ratio Lower Upper

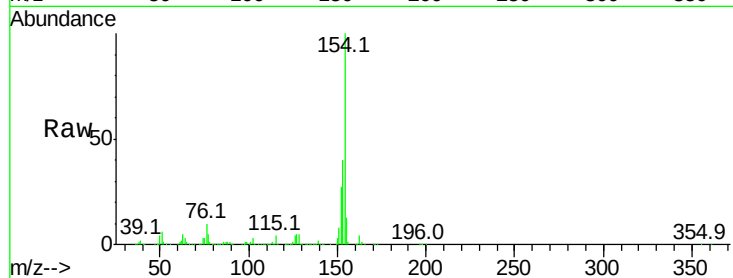
154 100

153 40.3 20.3 60.3

76 9.9 0.0 30.2

Manual Integrations  
APPROVED

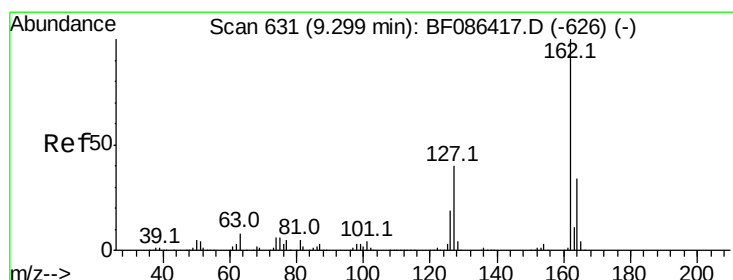
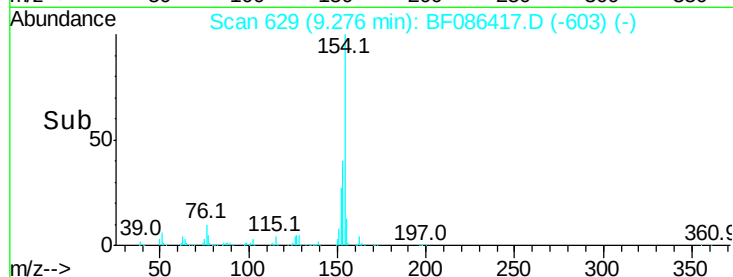
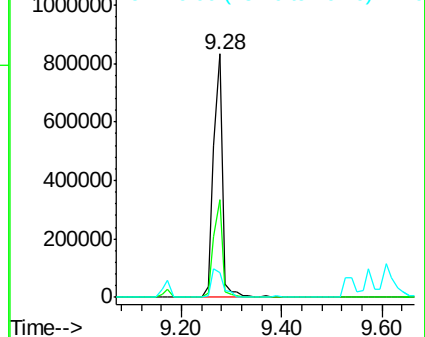
sohil  
4/28/2016 1:40:48 PM



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: 39.63 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

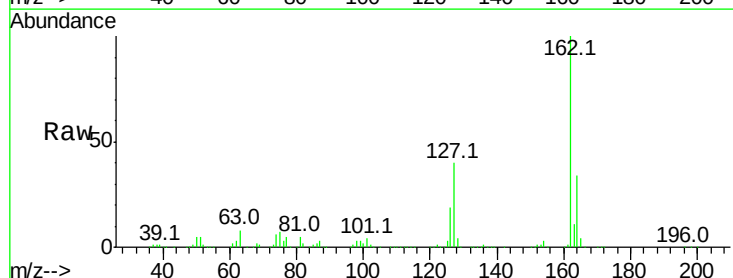
Tgt Ion:162 Resp: 795178

Ion Ratio Lower Upper

162 100

127 39.6 31.8 47.6

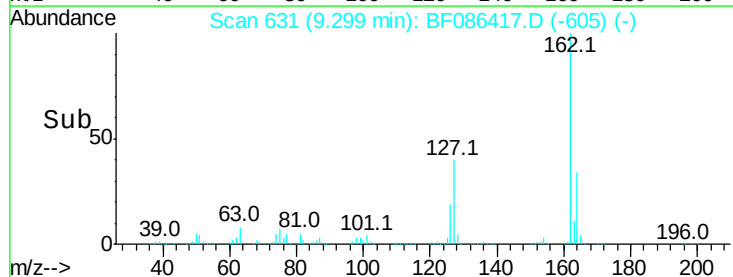
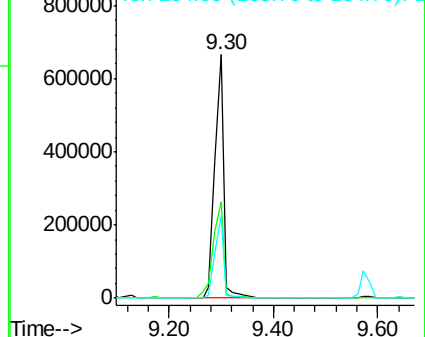
164 34.0 27.0 40.6

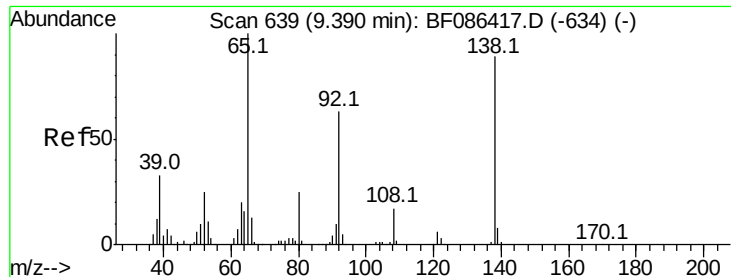


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.92 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

ClientSampleId :

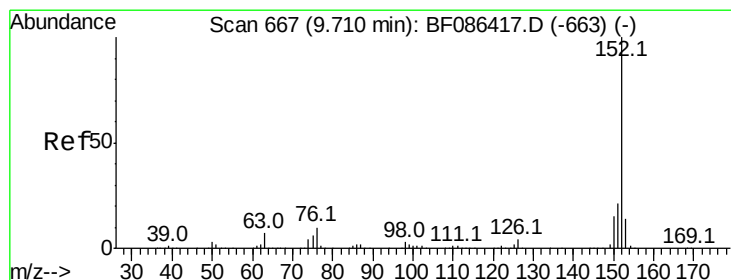
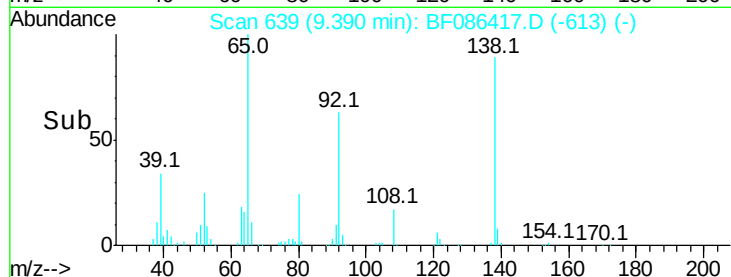
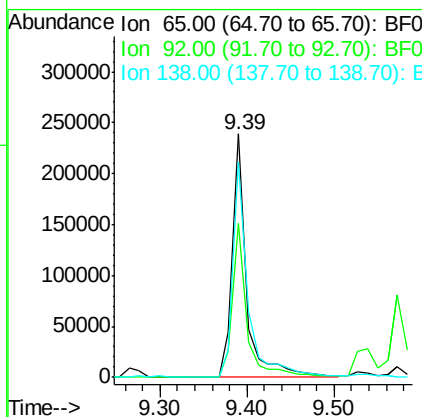
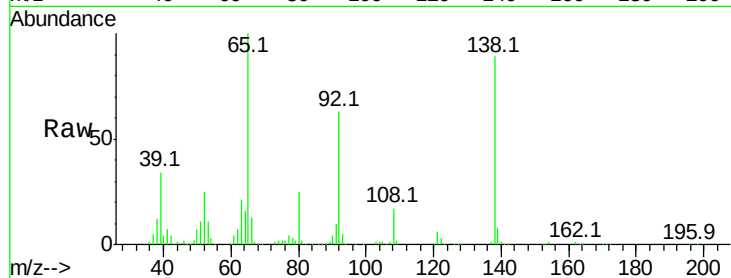
SSTDICCC040

Tot Ion: 65 Resp: 274390

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 65  | 100   |       |        |
| 92  | 63.1  | 57.4  | 86.2   |
| 138 | 88.6  | 90.1  | 135.1# |

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



#48

Acenaphthylene

Concen: 38.17 ng

RT: 9.71 min Scan# 667

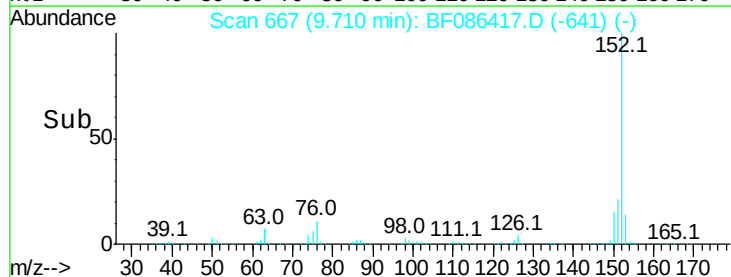
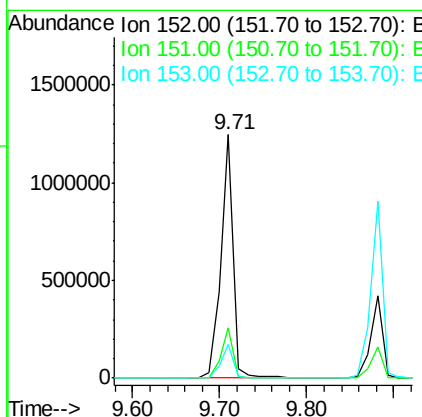
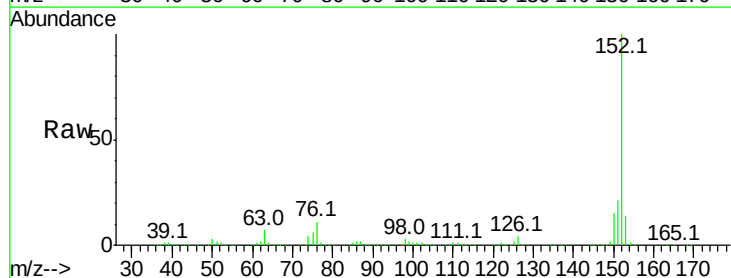
Delta R.T. 0.00 min

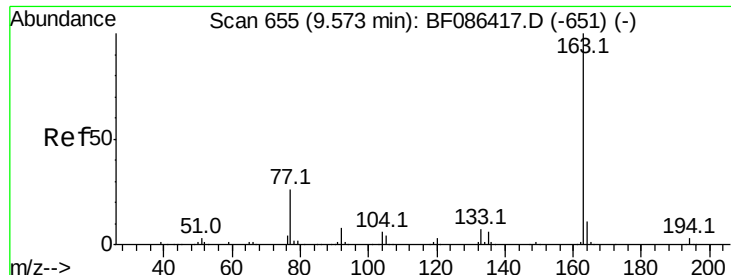
Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Tgt Ion: 152 Resp: 1241771

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.8  | 16.8  | 25.2  |
| 153 | 14.1  | 10.9  | 16.3  |





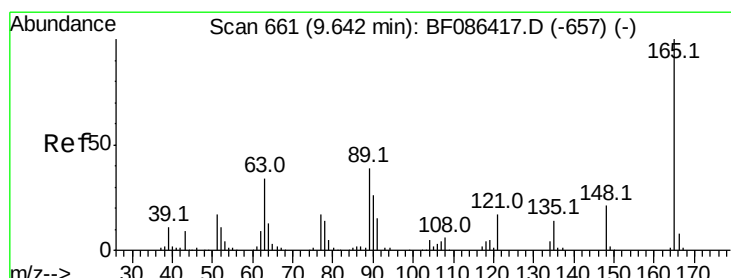
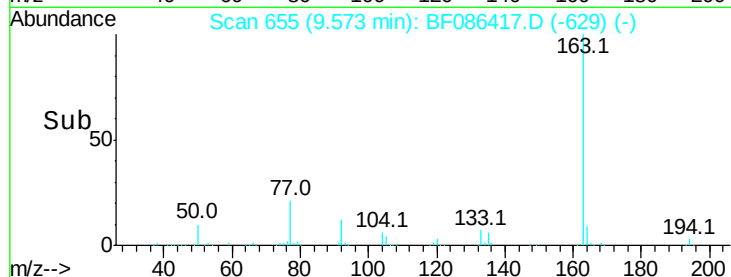
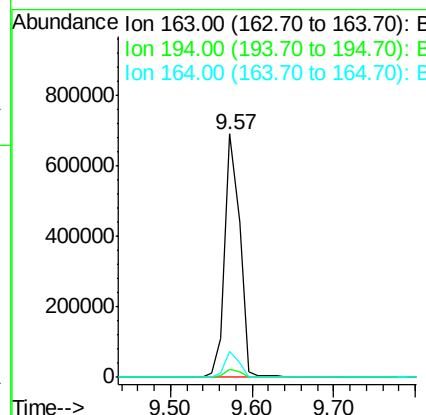
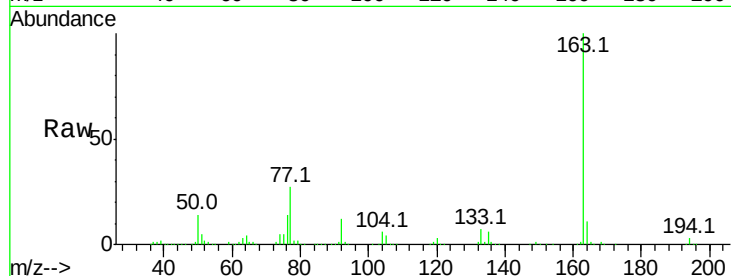
#49  
Dimethylphthalate  
Concen: 37.53 ng  
RT: 9.57 min Scan# 655  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 3.2   | 2.6  | 4.0   |       |
| 164     | 10.6  | 8.2  | 12.4  |       |

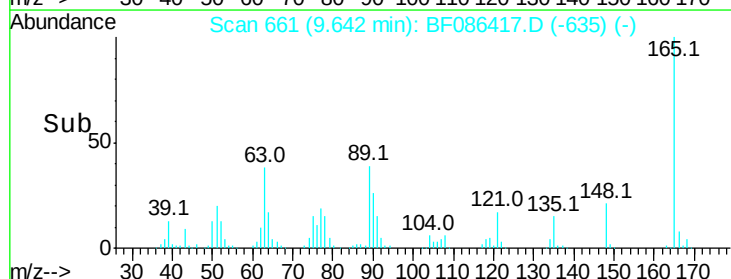
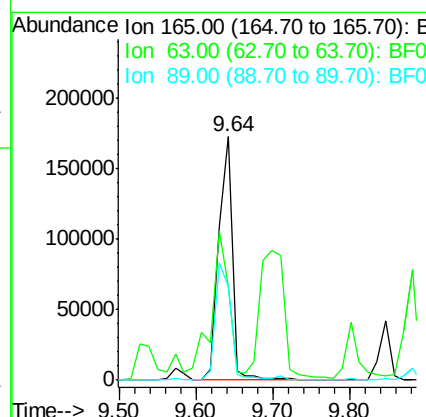
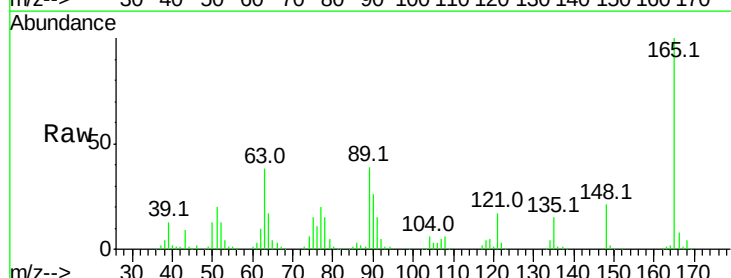
Manual Integrations  
APPROVED

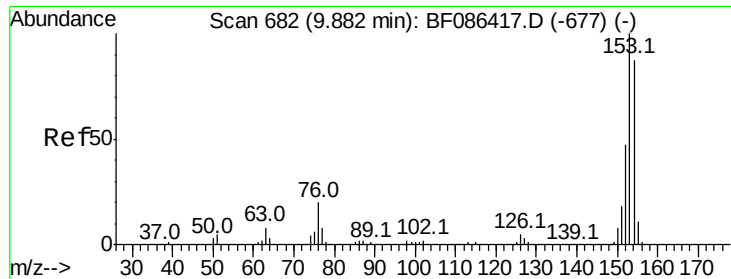
sohil  
4/28/2016 1:40:48 PM



#50  
2,6-Dinitrotoluene  
Concen: 41.67 ng  
RT: 9.64 min Scan# 661  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 38.4  | 51.8 | 77.8# |       |
| 89      | 38.8  | 50.7 | 76.1# |       |





#51

Acenaphthene

Concen: 40.14 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

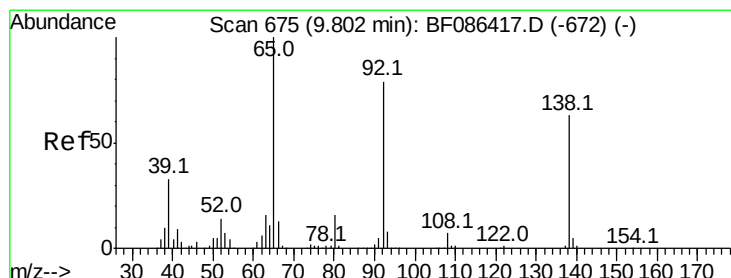
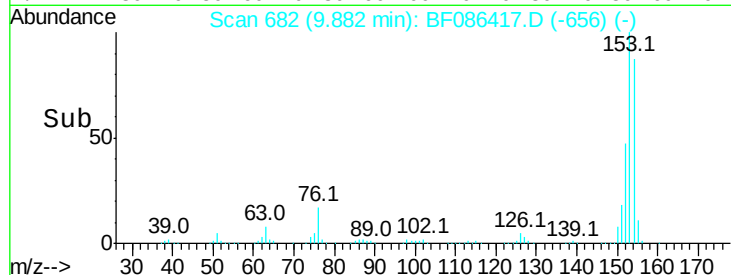
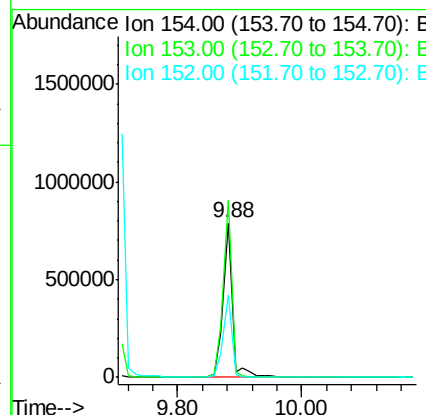
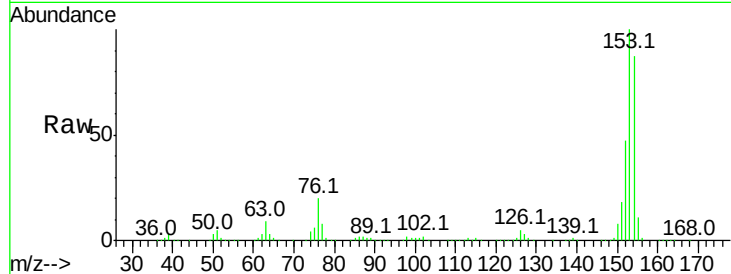
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 802206 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.4 | 89.8  | 134.6  |
| 152       | 53.4  | 43.4  | 65.0   |

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



#52

3-Nitroaniline

Concen: 35.16 ng

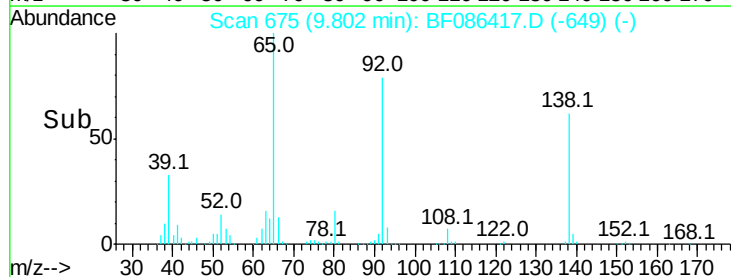
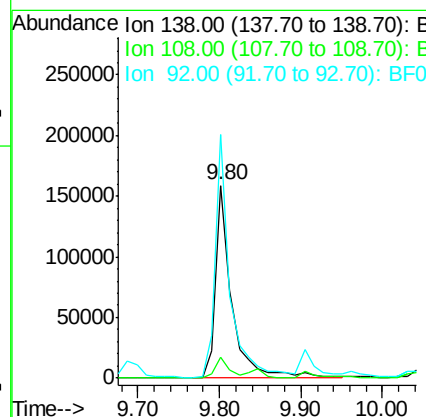
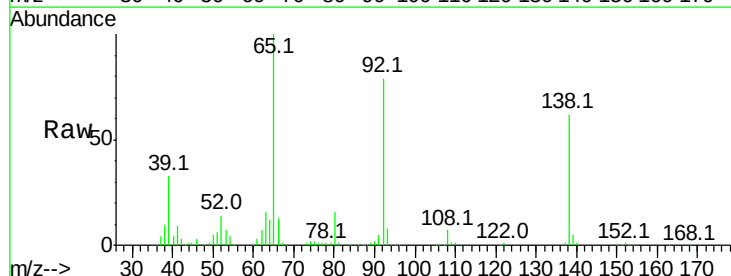
RT: 9.80 min Scan# 675

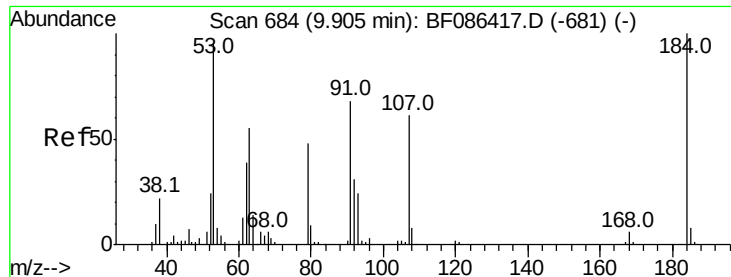
Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 224436 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.8  | 7.8   | 11.6   |
| 92        | 126.4 | 87.8  | 131.8  |





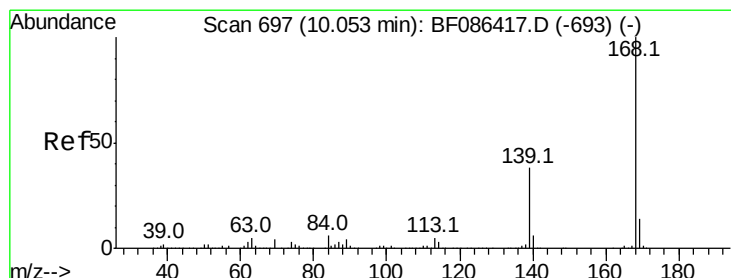
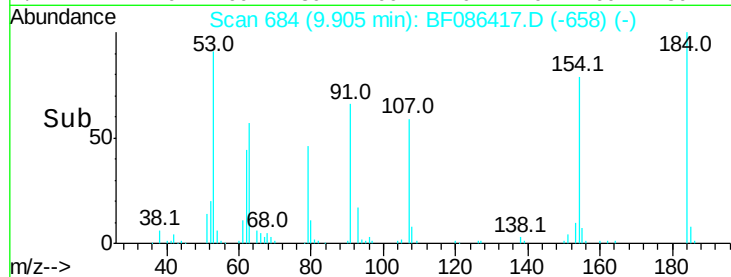
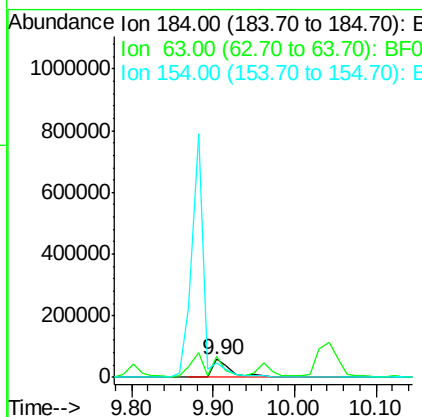
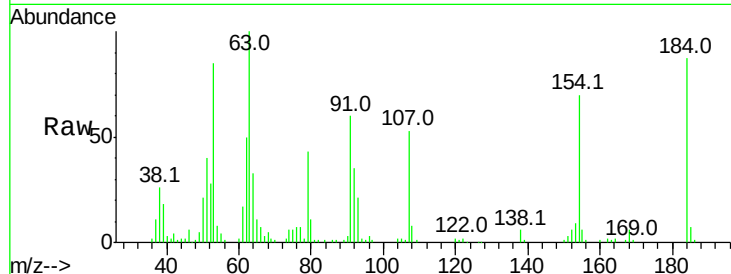
#53  
 2,4-Dinitrophenol  
 Concen: 36.07 ng  
 RT: 9.90 min Scan# 684  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 114.8 | 55.8  | 83.8# |
| 154     | 80.2  | 62.4  | 93.6  |

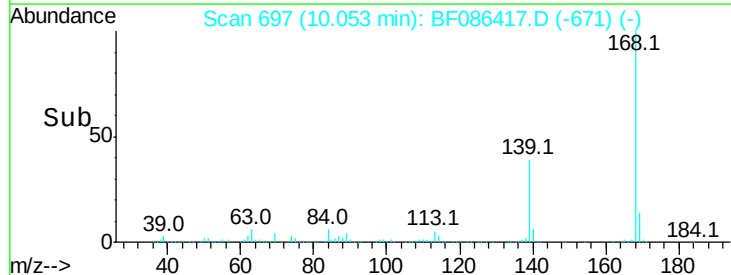
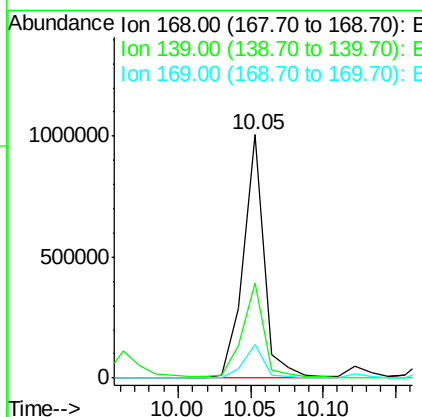
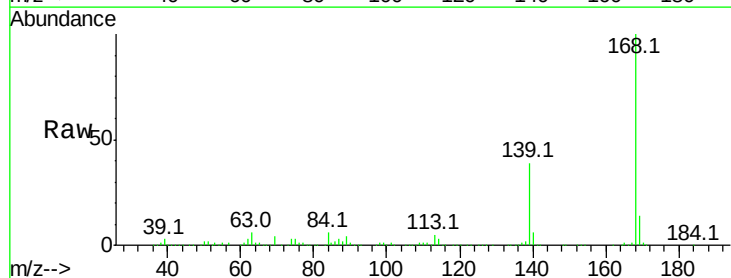
Manual Integrations  
 APPROVED

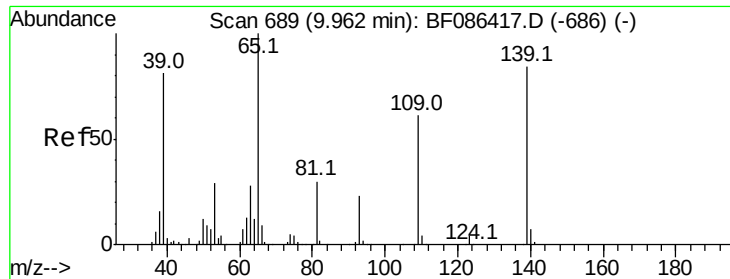
sohil  
 4/28/2016 1:40:48 PM



#54  
 Dibenzofuran  
 Concen: 39.50 ng  
 RT: 10.05 min Scan# 697  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.2  | 31.4  | 47.0  |
| 169     | 13.8  | 10.7  | 16.1  |





#55

4-Nitrophenol

Concen: 34.15 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

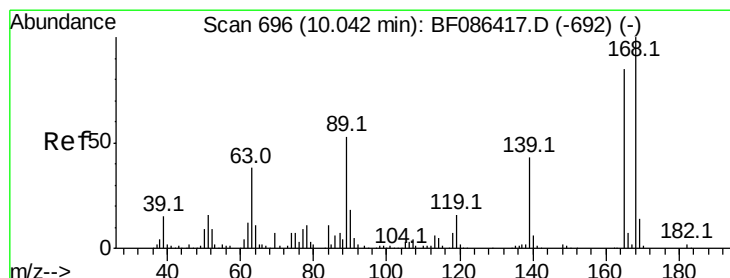
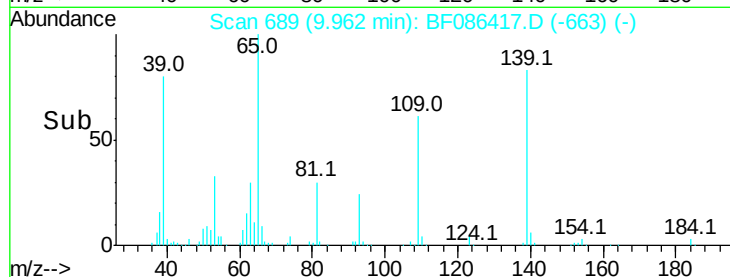
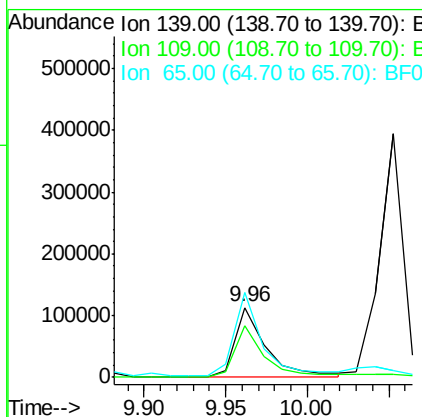
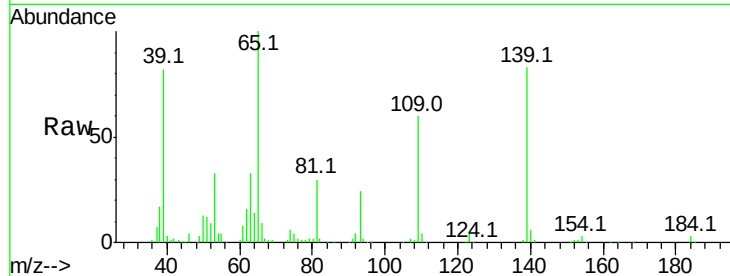
ClientSampleId :

SSTDICCC040

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM

| Tot Ion   | 139   | Resp  | 152527 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 72.7  | 36.9  | 76.9   |
| 65        | 120.8 | 64.0  | 104.0# |



#56

2,4-Dinitrotoluene

Concen: 41.08 ng

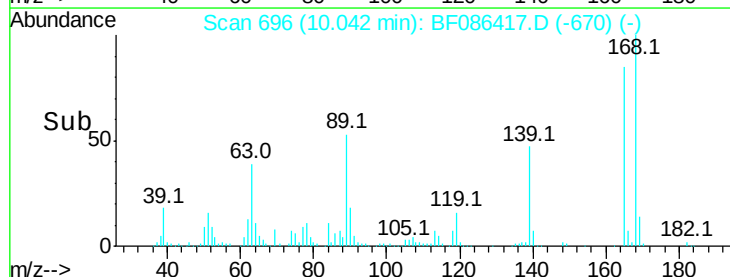
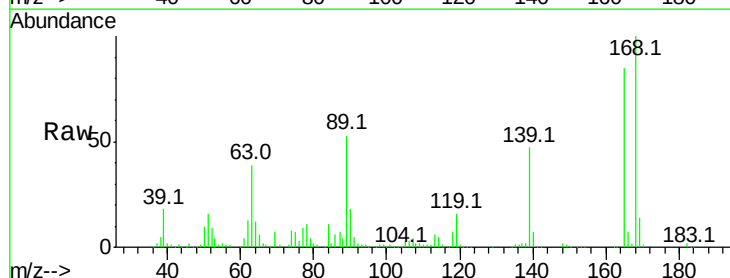
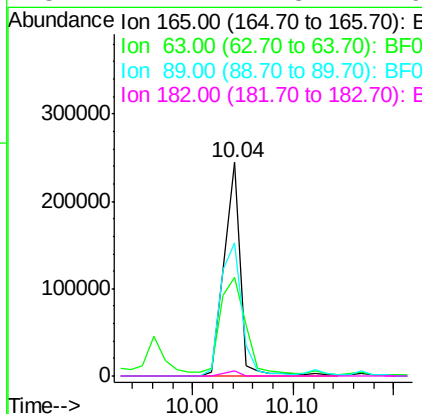
RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

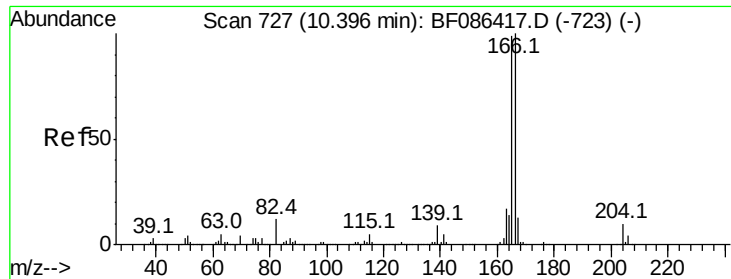
Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

| Tgt Ion   | 165   | Resp  | 278140 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 46.4  | 44.3  | 66.5   |
| 89        | 62.4  | 70.0  | 105.0# |
| 182       | 2.4   | 1.8   | 2.6    |







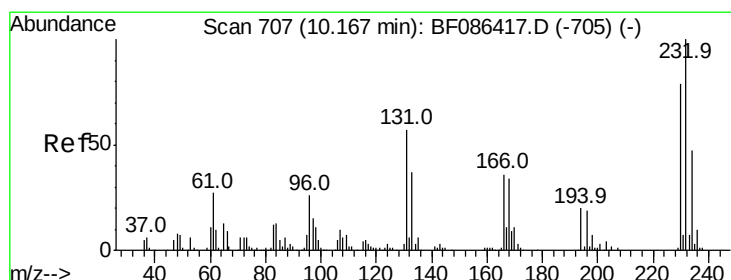
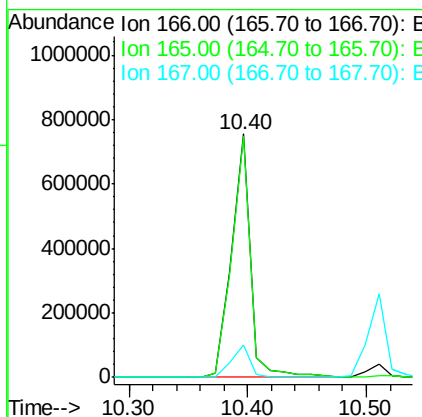
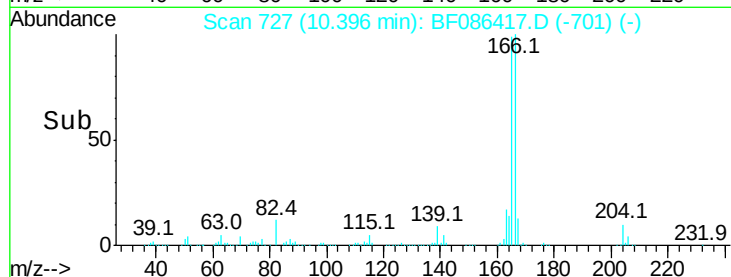
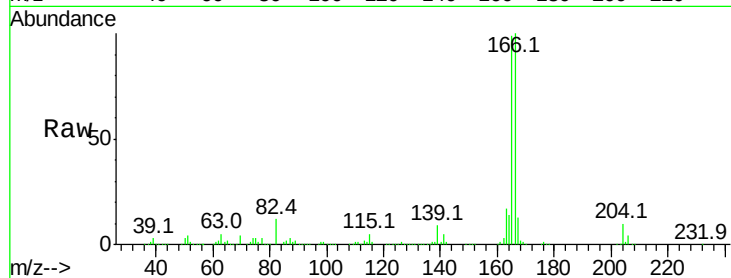
#57  
 Fluorene  
 Concen: 39.58 ng  
 RT: 10.40 min Scan# 727  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Manual Integrations  
 APPROVED

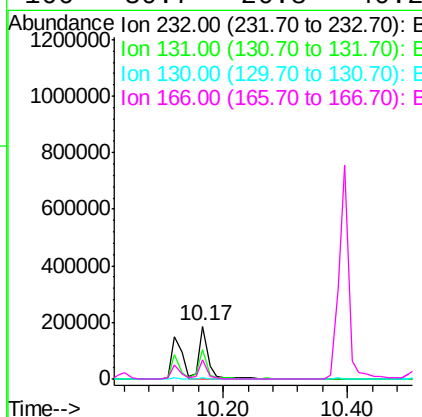
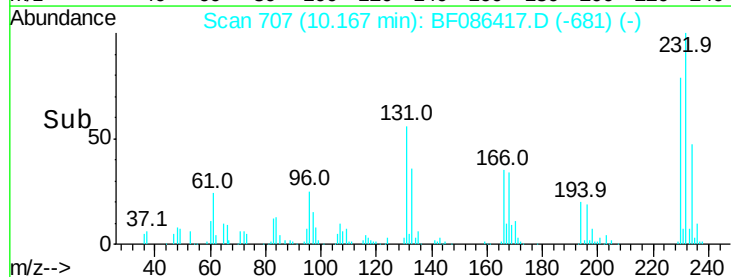
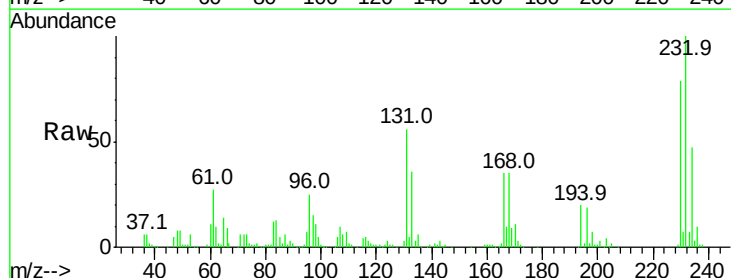
sohil  
 4/28/2016 1:40:48 PM

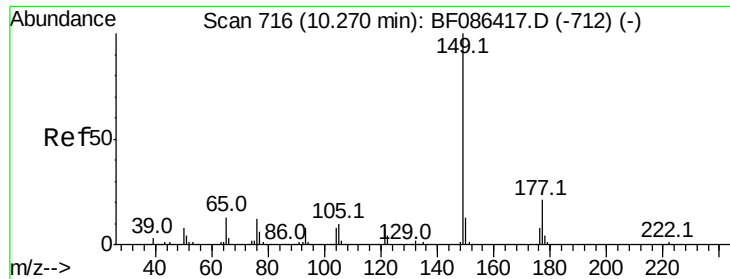
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 99.0  | 79.0 | 118.6 |       |
| 167     | 13.2  | 10.6 | 15.8  |       |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.21 ng  
 RT: 10.17 min Scan# 707  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 52.1  | 41.9 | 62.9  |       |
| 130     | 2.6   | 2.2  | 3.4   |       |
| 166     | 30.7  | 26.8 | 40.2  |       |





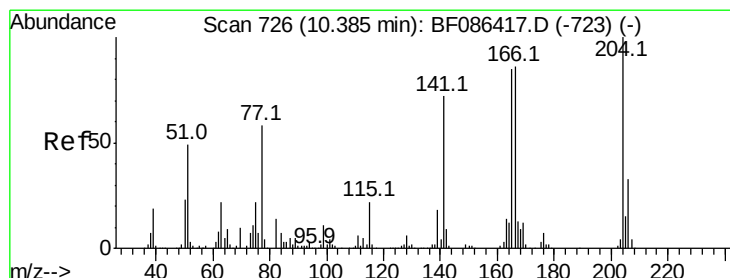
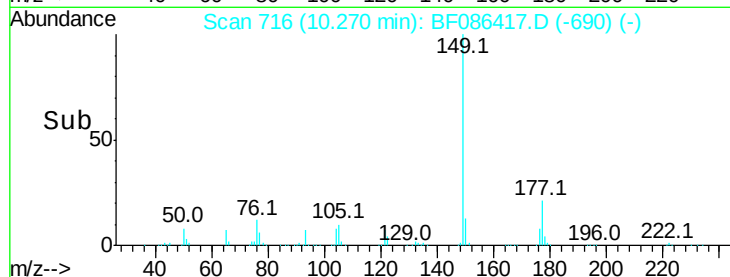
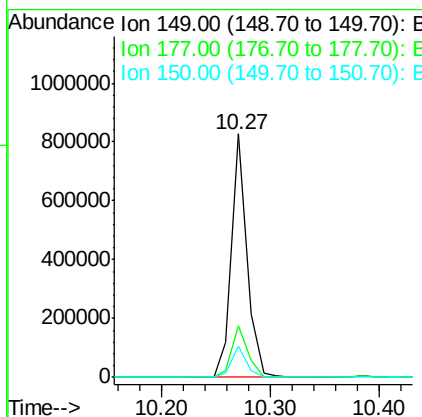
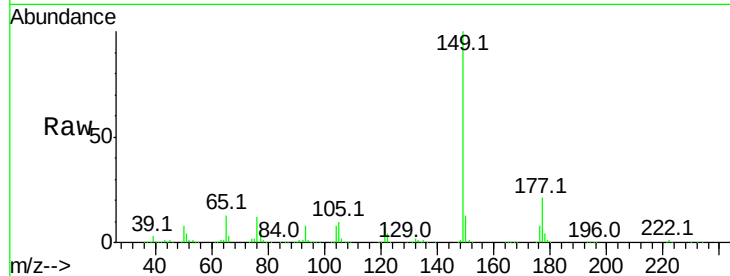
#59  
Diethylphthalate  
Concen: 36.18 ng  
RT: 10.27 min Scan# 716  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 817746 |       |       |
| 177     | 21.2  | 16.6   | 24.8  |       |
| 150     | 12.9  | 10.0   | 15.0  |       |

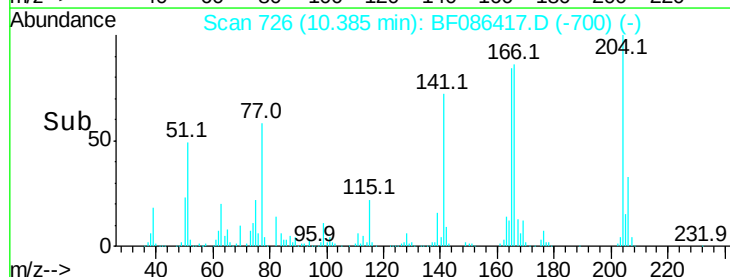
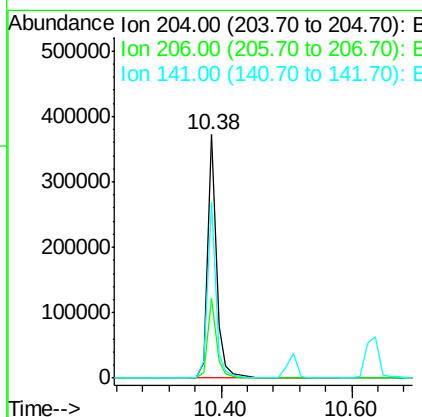
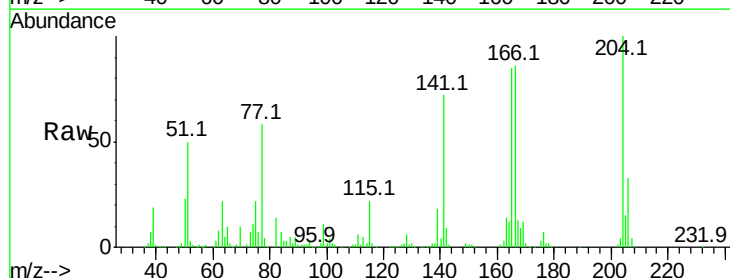
Manual Integrations  
APPROVED

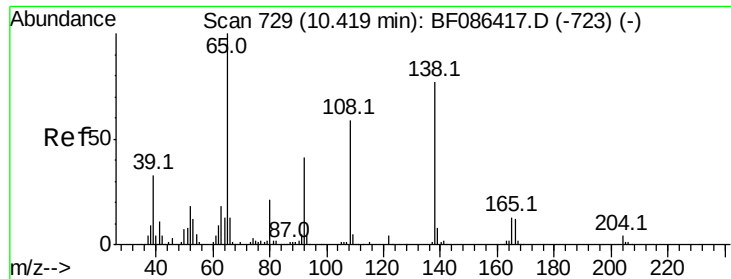
sohil  
4/28/2016 1:40:48 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 38.30 ng  
RT: 10.38 min Scan# 726  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 352243 |       |       |
| 206     | 32.8  | 25.4   | 38.0  |       |
| 141     | 72.1  | 61.6   | 92.4  |       |





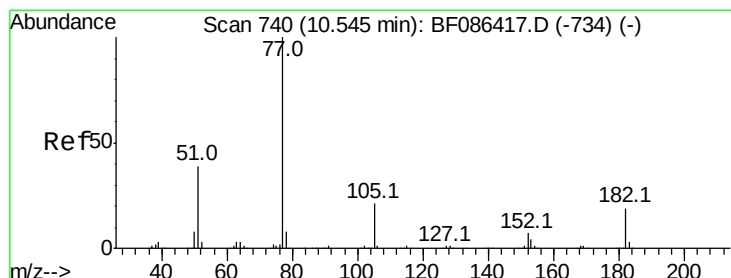
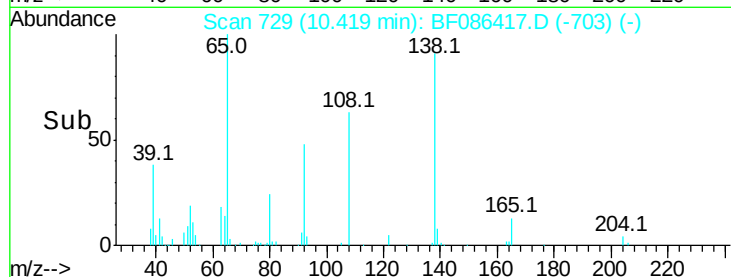
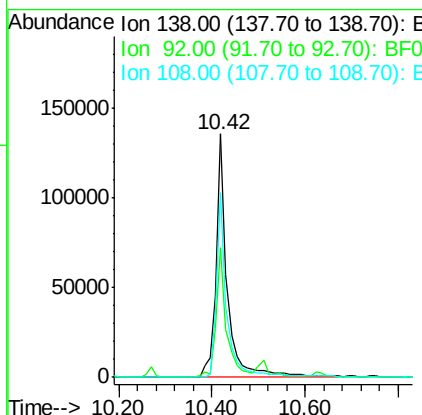
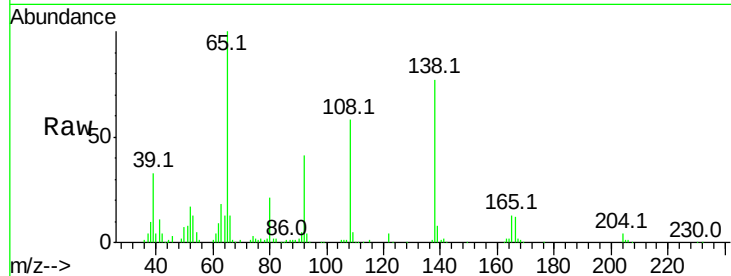
#61  
4-Nitroaniline  
Concen: 35.11 ng  
RT: 10.42 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 53.3  | 24.7  | 64.7  |
| 108     | 75.8  | 37.4  | 77.4  |

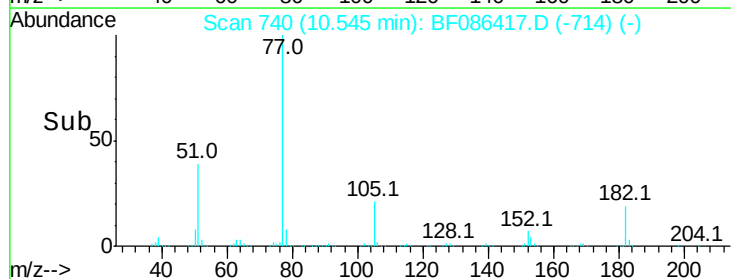
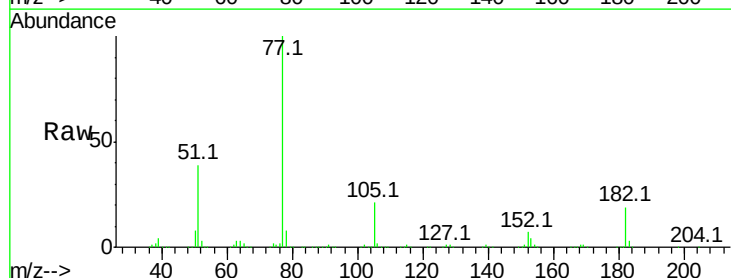
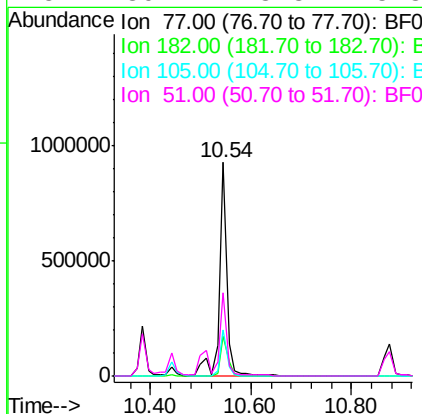
Manual Integrations  
APPROVED

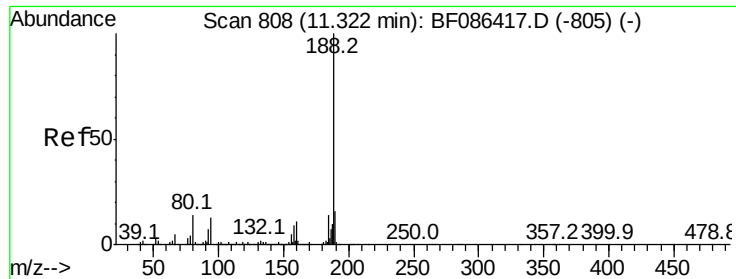
sohil  
4/28/2016 1:40:48 PM



#62  
Azobenzene  
Concen: 40.96 ng  
RT: 10.54 min Scan# 740  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 18.8  | 0.0   | 38.8  |
| 105     | 21.5  | 3.2   | 43.2  |
| 51      | 39.2  | 8.8   | 48.8  |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

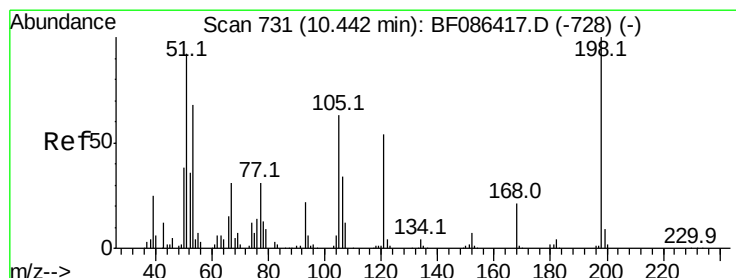
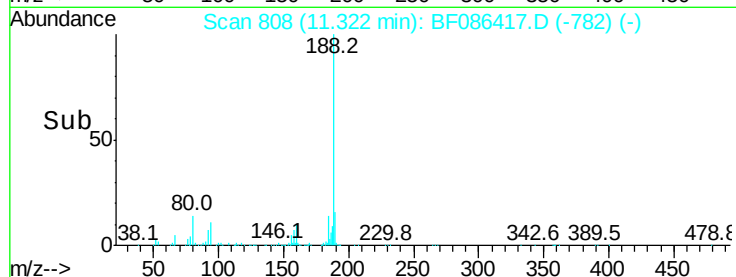
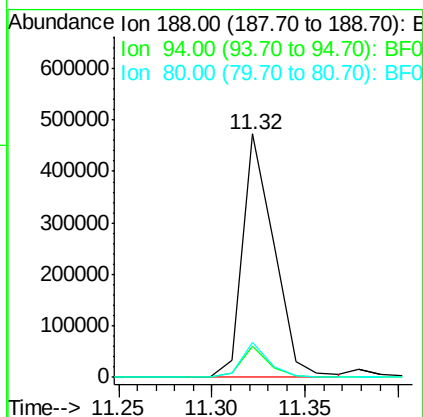
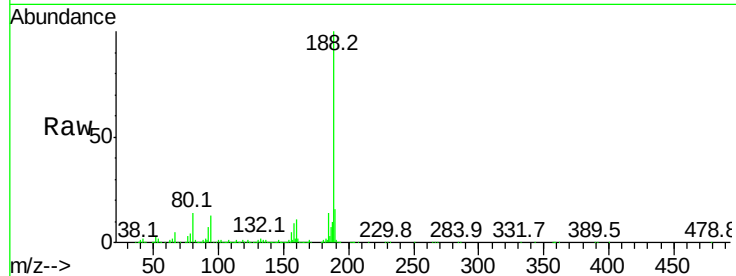
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 555175 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 12.8  | 6.8   | 10.2#  |
| 80        | 14.2  | 7.1   | 10.7#  |

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 39.81 ng

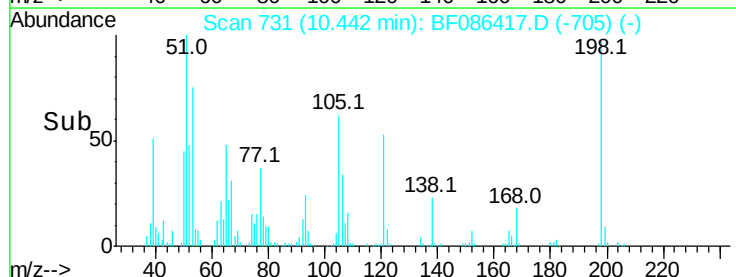
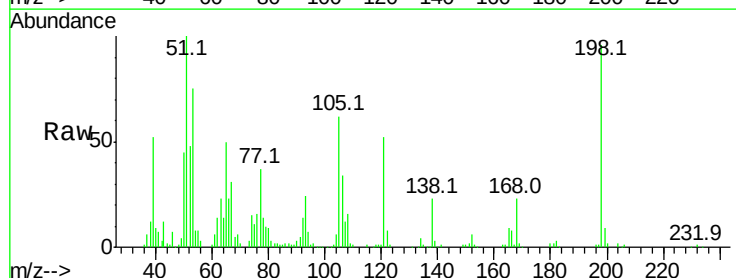
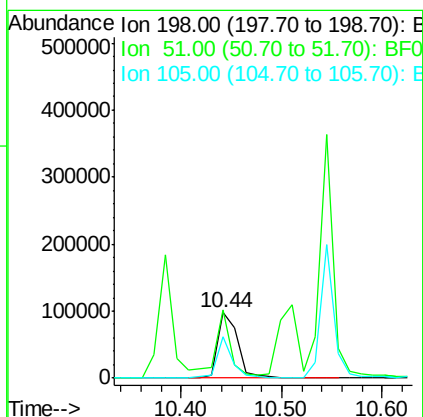
RT: 10.44 min Scan# 731

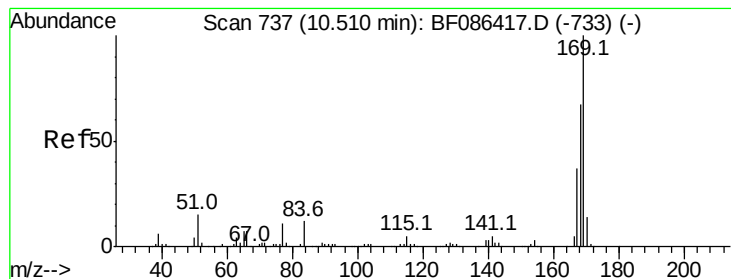
Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 135054 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 104.0 | 20.5  | 60.5#  |
| 105       | 64.1  | 24.5  | 64.5   |





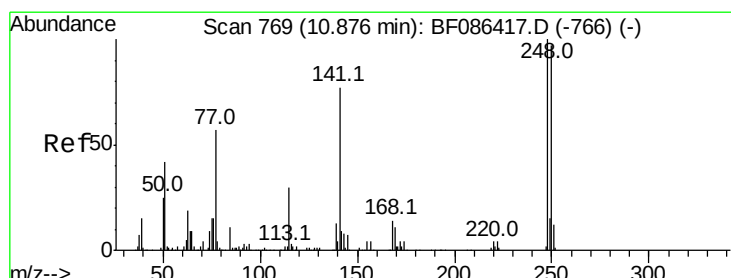
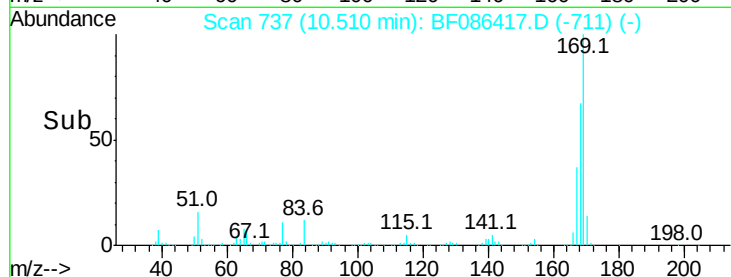
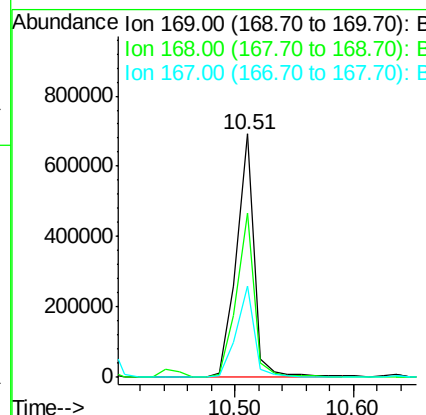
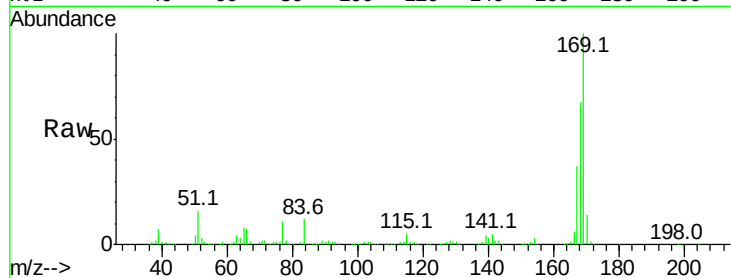
#65  
n-Nitrosodiphenylamine  
Concen: 42.24 ng  
RT: 10.51 min Scan# 737  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 723083 |       |       |
| 168     | 67.5  |        | 53.8  | 80.6  |
| 167     | 37.5  |        | 29.5  | 44.3  |

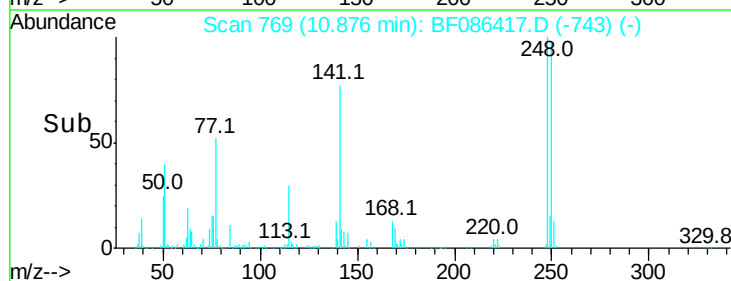
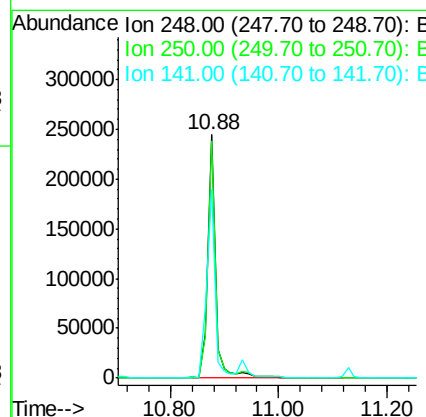
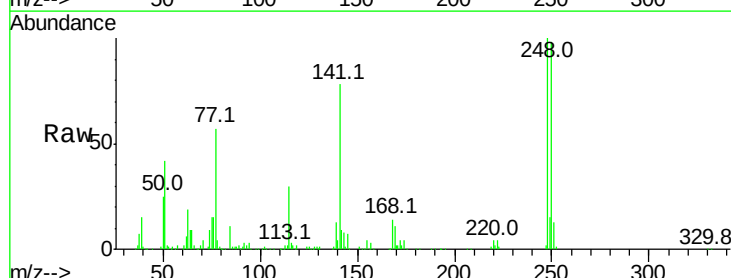
Manual Integrations  
APPROVED

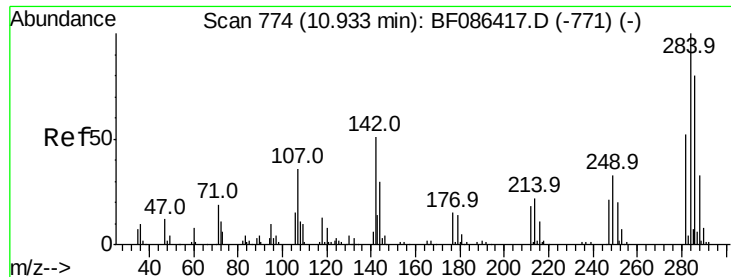
sohil  
4/28/2016 1:40:48 PM



#66  
4-Bromophenyl-phenylether  
Concen: 45.09 ng  
RT: 10.88 min Scan# 769  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 245097 |       |       |
| 250     | 97.6  |        | 78.6  | 117.8 |
| 141     | 77.6  |        | 76.0  | 114.0 |





#67

Hexachlorobenzene

Concen: 45.10 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

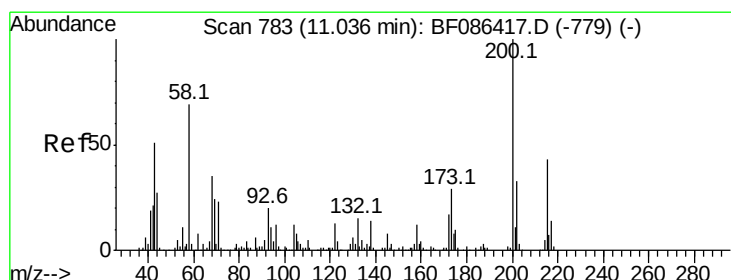
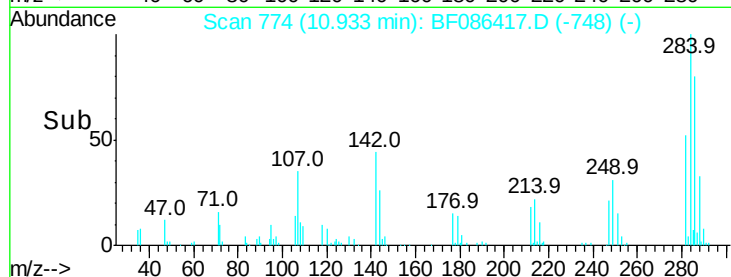
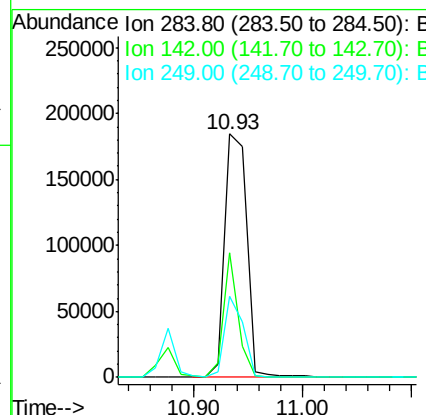
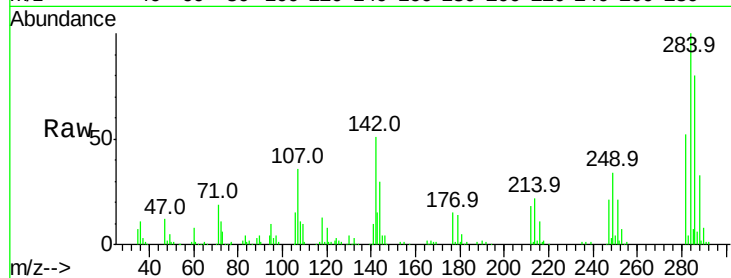
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 261559 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 51.0  | 16.7  | 25.1#  |
| 249       | 33.5  | 21.3  | 31.9#  |

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



#68

Atrazine

Concen: 39.93 ng

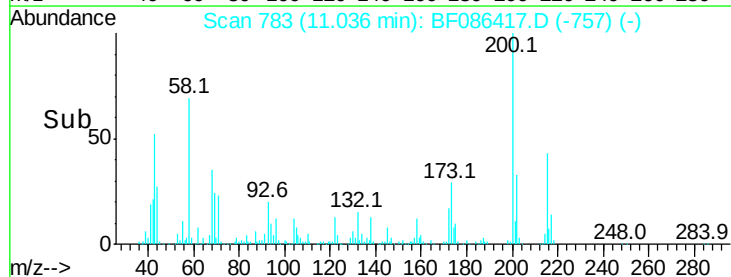
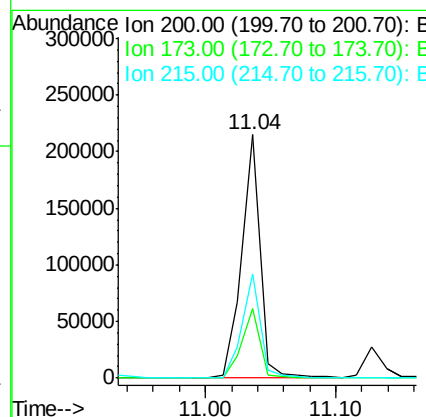
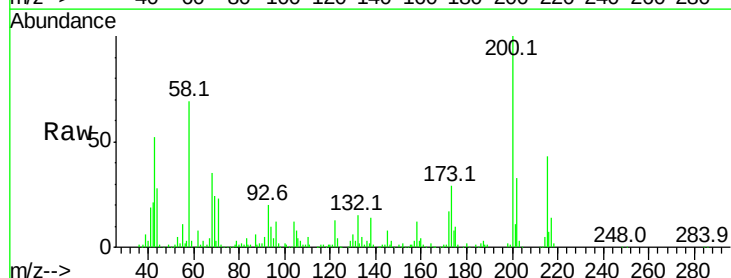
RT: 11.04 min Scan# 783

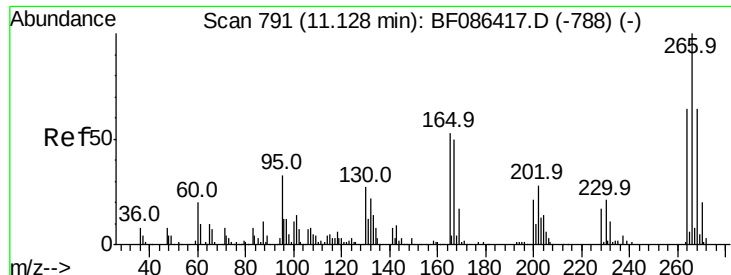
Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 211035 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 28.6  | 8.5   | 48.5   |
| 215       | 42.6  | 27.2  | 67.2   |





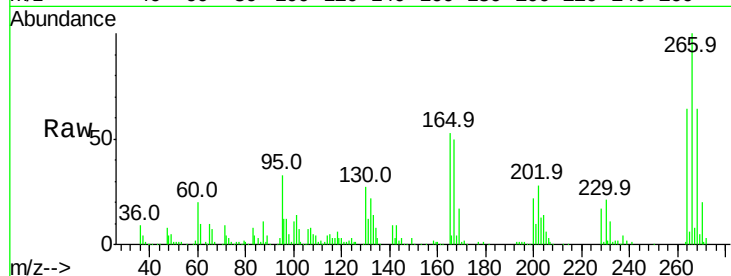
#69  
 Pentachlorophenol  
 Concen: 44.13 ng  
 RT: 11.13 min Scan# 791  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

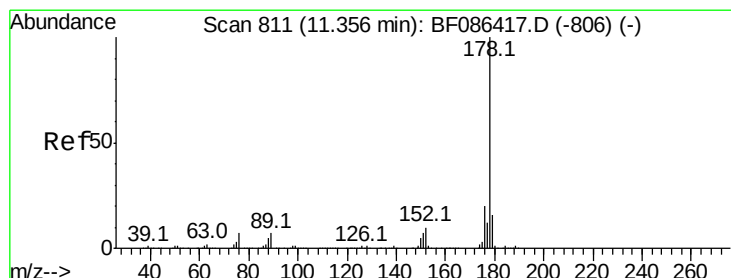
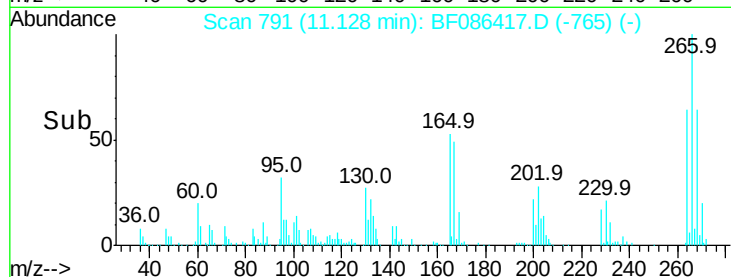
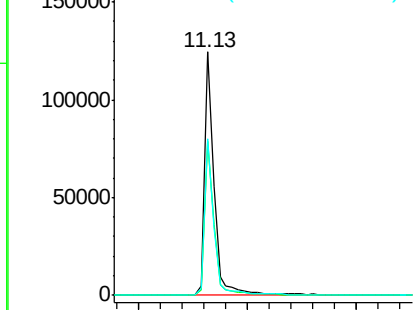
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 150316 |       |       |
| 268     | 63.5  | 51.5   | 77.3  |       |
| 264     | 64.5  | 52.9   | 79.3  |       |

Manual Integrations  
 APPROVED

sohil  
 4/28/2016 1:40:48 PM

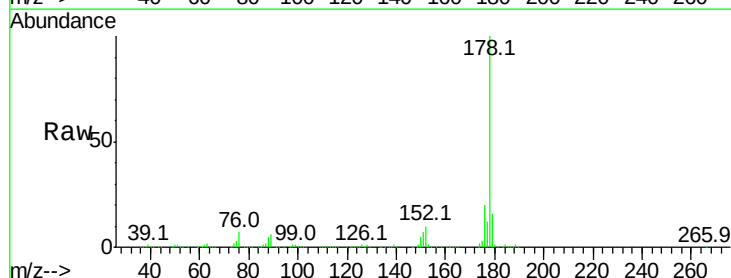


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

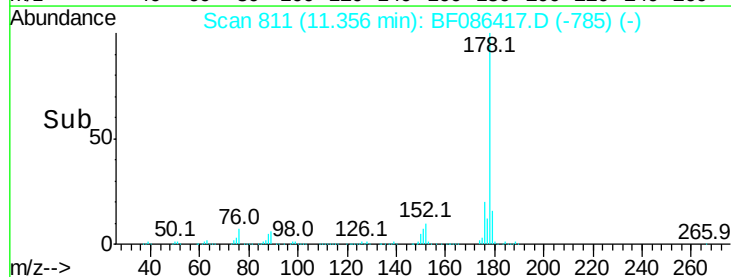
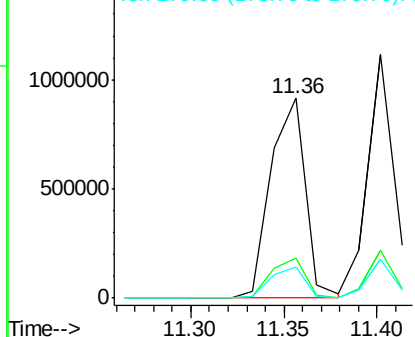


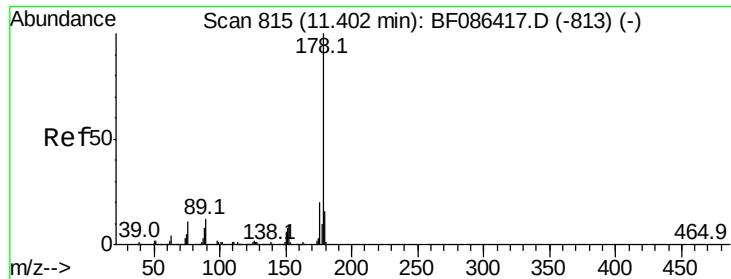
#70  
 Phenanthrene  
 Concen: 42.18 ng  
 RT: 11.36 min Scan# 811  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1176664 |       |       |
| 176     | 20.1  | 16.0    | 24.0  |       |
| 179     | 15.5  | 12.6    | 18.8  |       |



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





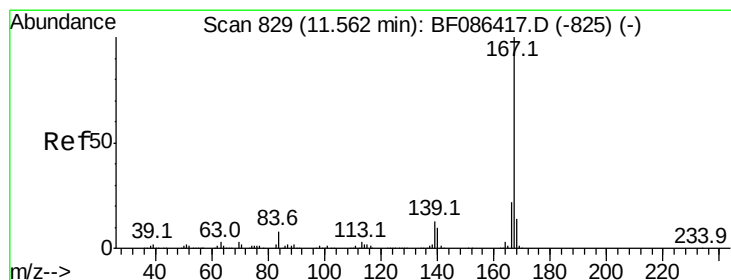
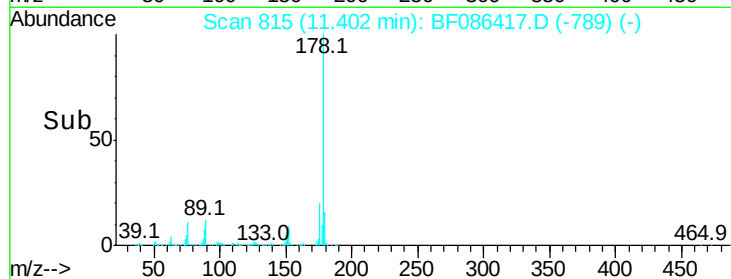
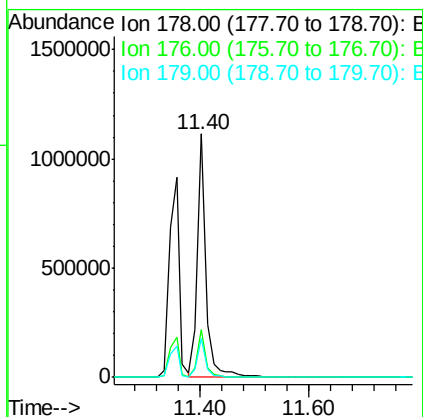
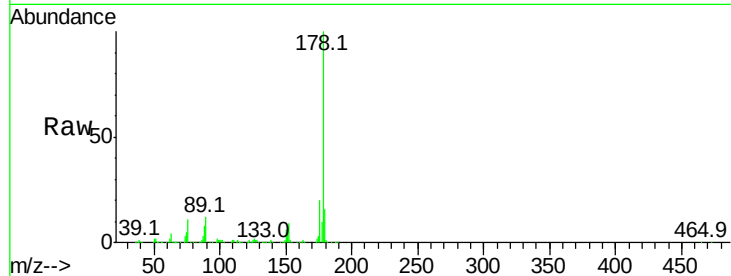
#71  
 Anthracene  
 Concen: 37.77 ng  
 RT: 11.40 min Scan# 815  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 15.6  | 23.4  |
| 179     | 16.0  | 12.7  | 19.1  |

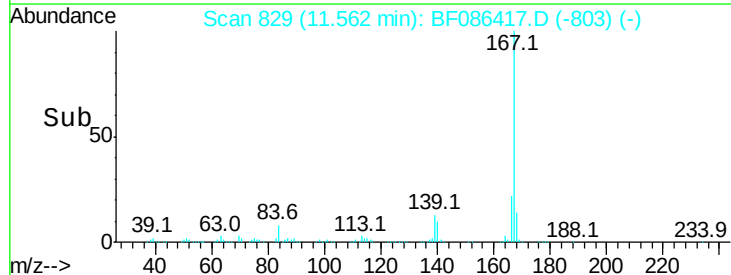
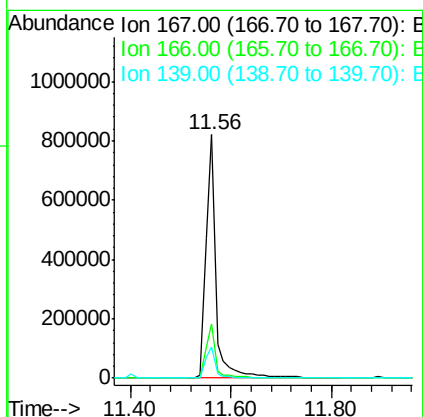
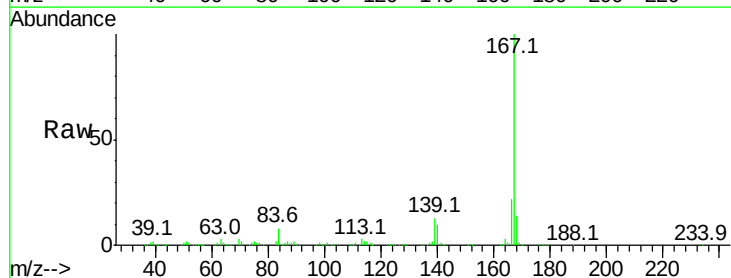
Manual Integrations  
 APPROVED

sohil  
 4/28/2016 1:40:48 PM

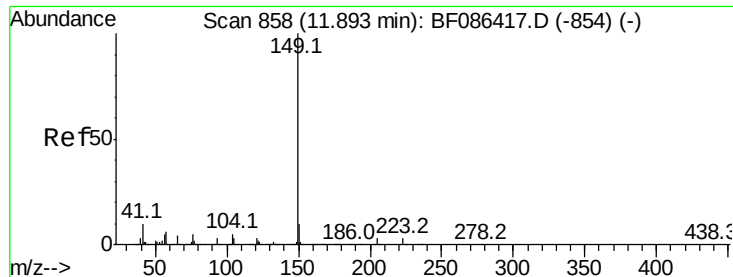


#72  
 Carbazole  
 Concen: 37.75 ng  
 RT: 11.56 min Scan# 829  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.7  | 26.5  |
| 139     | 12.9  | 10.8  | 16.2  |







#73

Di-n-butylphthalate

Concen: 41.99 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1326141

Ion Ratio Lower Upper

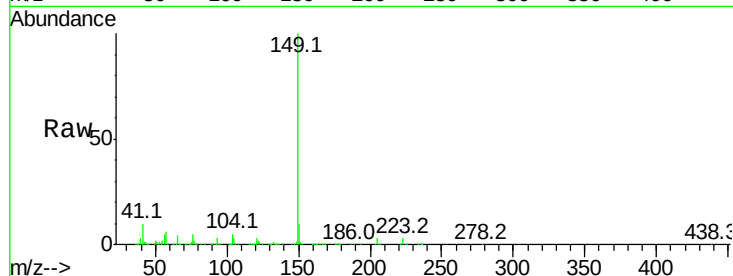
149 100

150 9.7 7.6 11.4

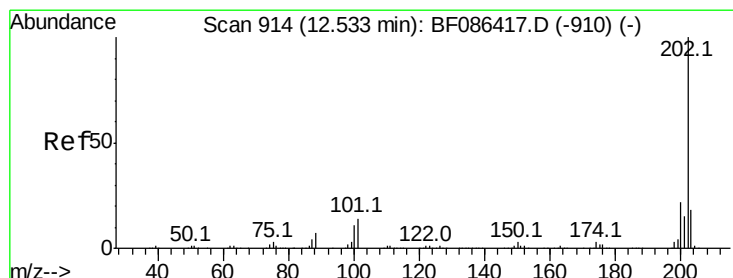
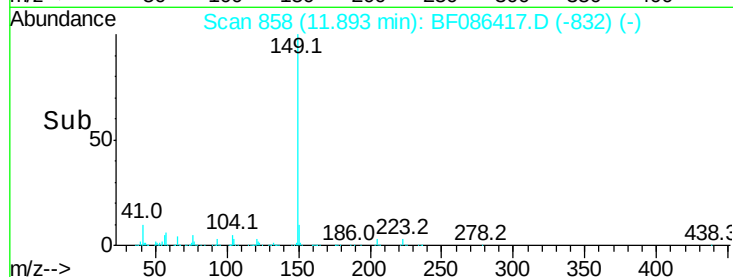
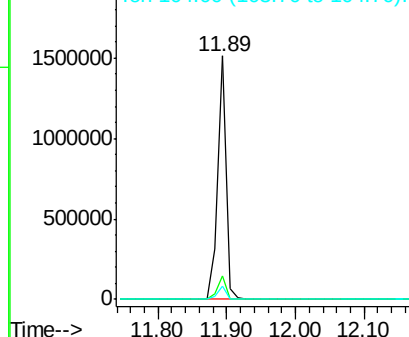
104 5.3 3.8 5.6

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.78 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

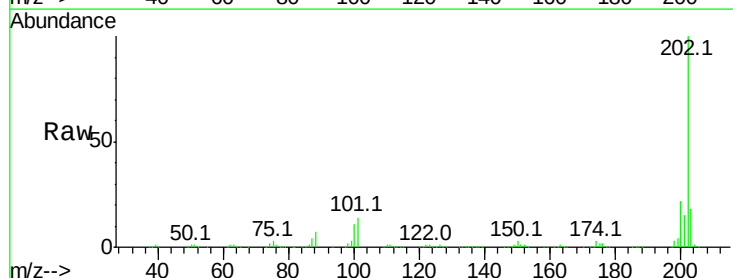
Tgt Ion:202 Resp: 1166621

Ion Ratio Lower Upper

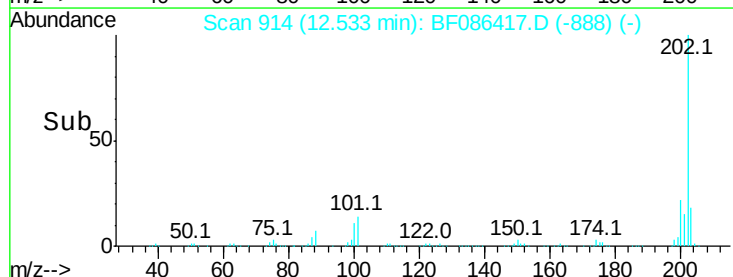
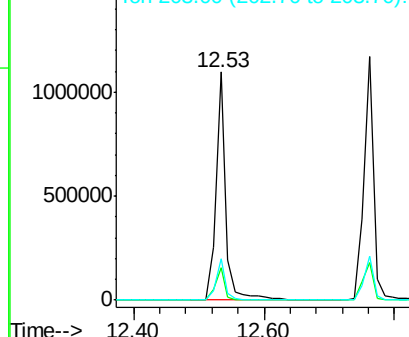
202 100

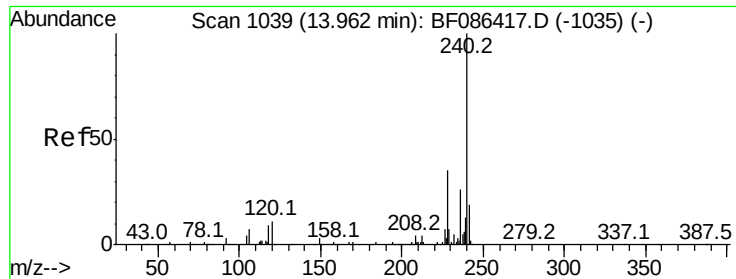
101 14.1 0.0 35.4

203 18.0 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

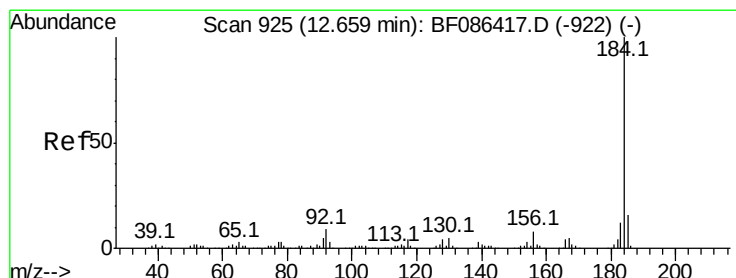
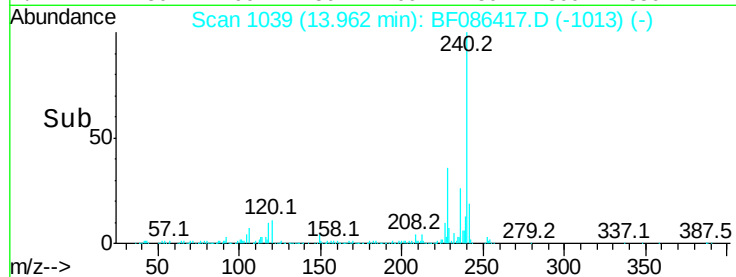
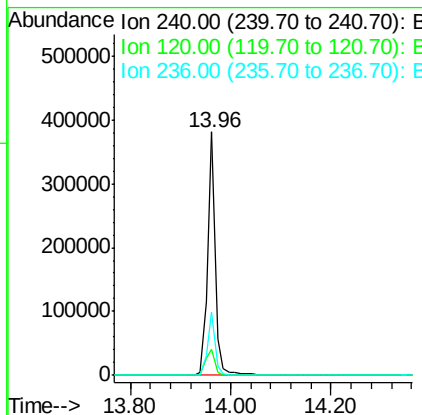
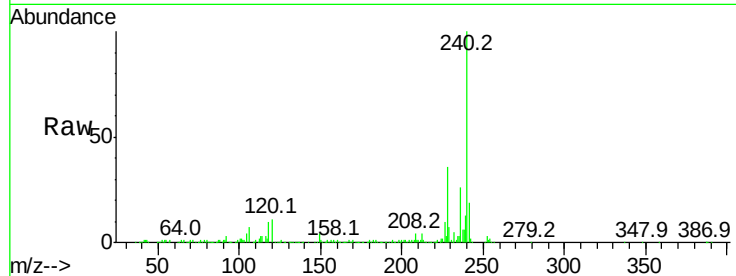
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 407333 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.6  | 11.2  | 16.8#  |
| 236       | 26.1  | 21.2  | 31.8   |

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



#76

Benzidine

Concen: 34.84 ng

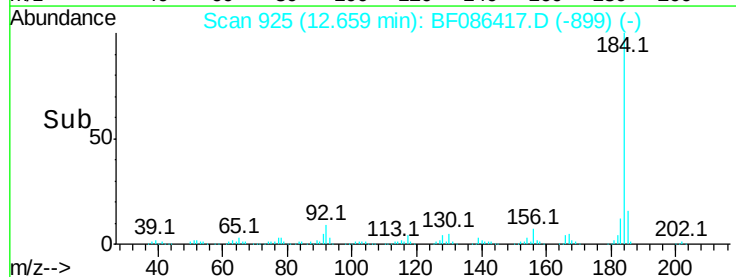
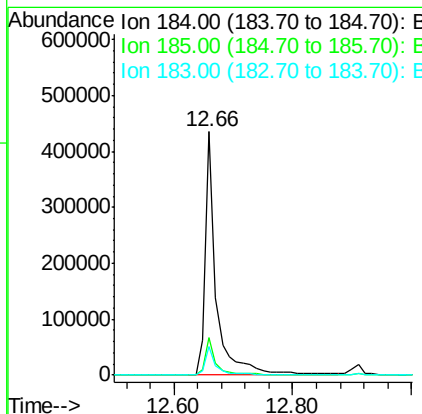
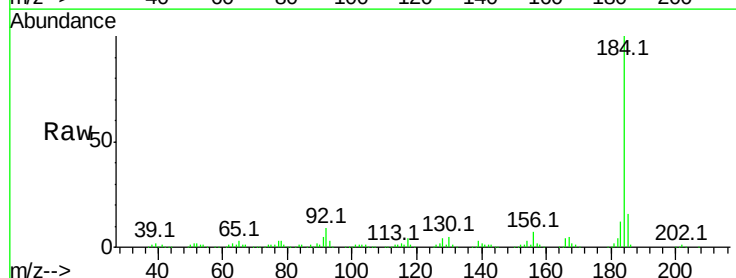
RT: 12.66 min Scan# 925

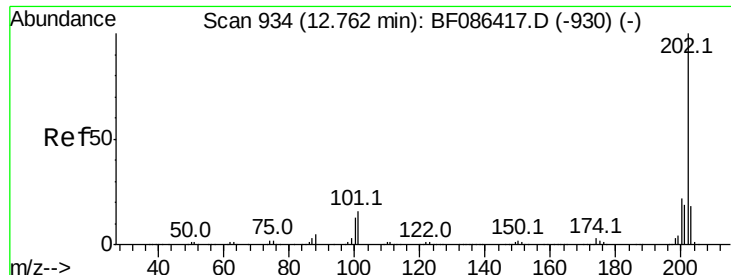
Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 582041 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.5  | 13.6  | 20.4   |
| 183       | 11.6  | 9.8   | 14.6   |





#77

Pvrene

Concen: 41.88 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:202 Resp: 1189820

Ion Ratio Lower Upper

202 100

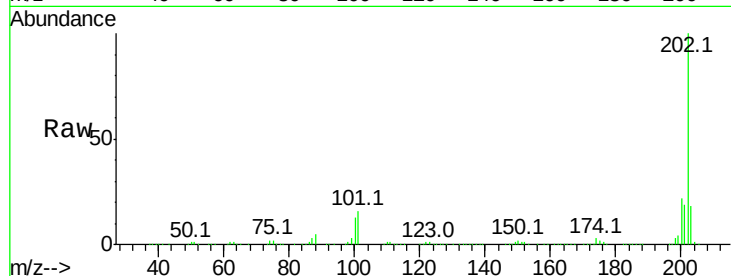
200 22.5 17.7 26.5

203 17.9 14.2 21.4

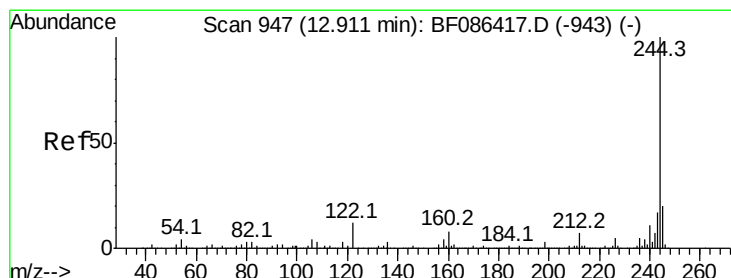
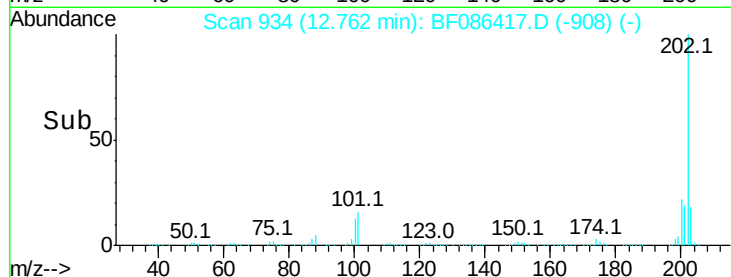
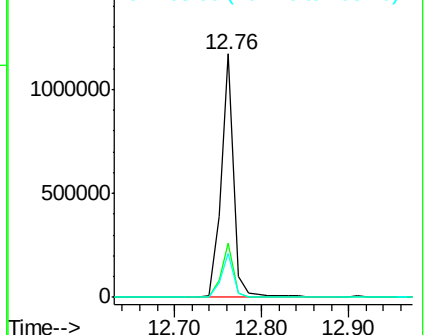
Manual Integrations  
APPROVED

sohil

4/28/2016 1:40:48 PM



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



#78

Terphenyl-d14

Concen: 85.24 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

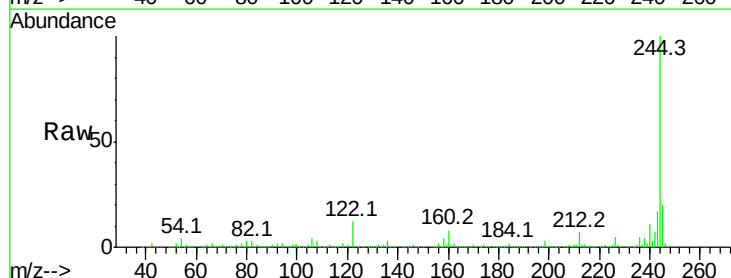
Tgt Ion:244 Resp: 1397511

Ion Ratio Lower Upper

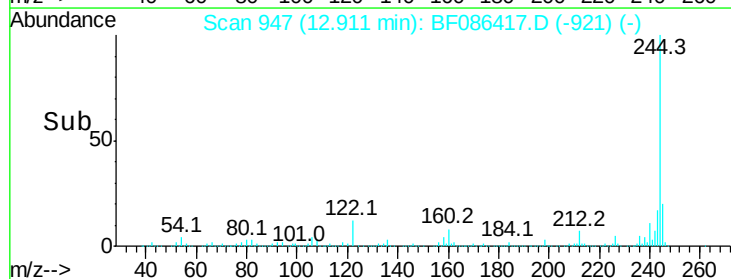
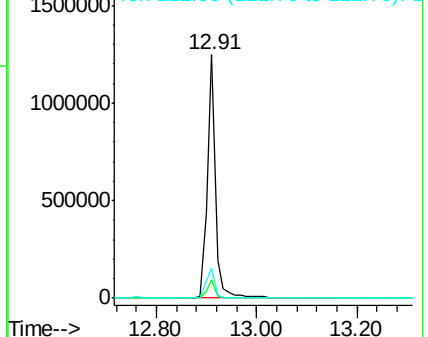
244 100

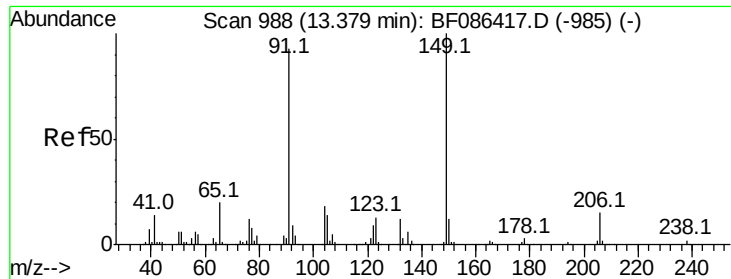
212 7.3 6.2 9.2

122 12.3 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





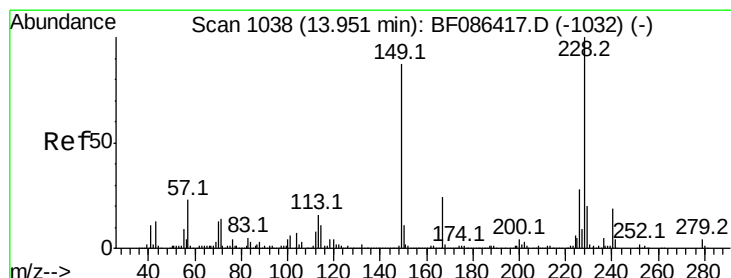
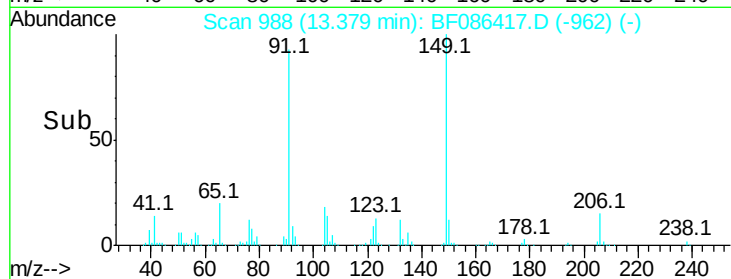
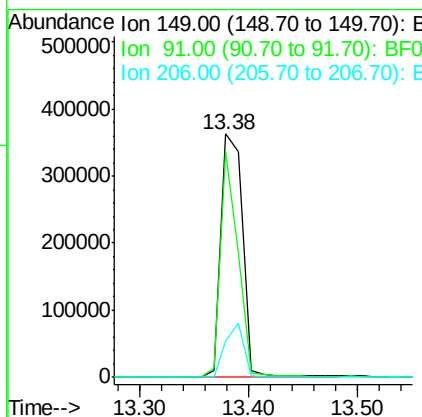
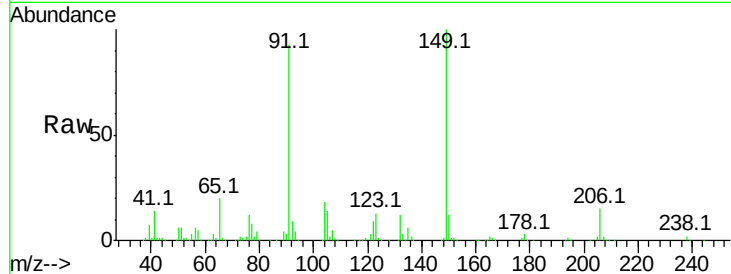
#79  
Butylbenzylphthalate  
Concen: 38.29 ng  
RT: 13.38 min Scan# 988  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 506680 |       |       |
| 91      | 92.9  | 48.0   | 72.0# |       |
| 206     | 15.0  | 15.8   | 23.6# |       |

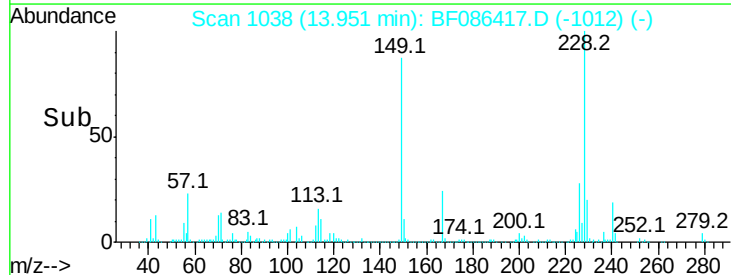
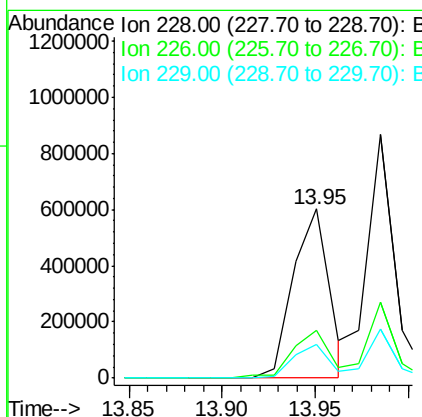
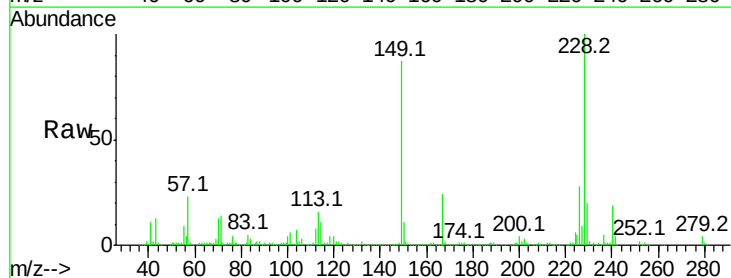
Manual Integrations  
APPROVED

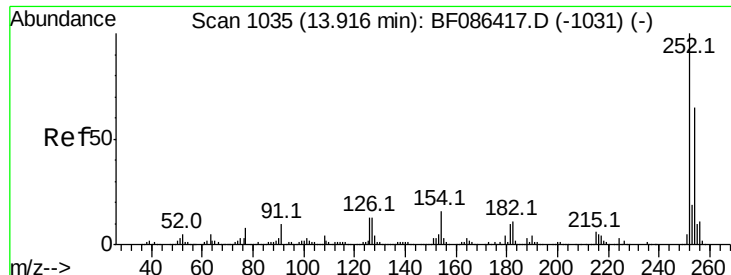
sohil  
4/28/2016 1:40:48 PM



#80  
Benzo(a)anthracene  
Concen: 38.50 ng  
RT: 13.95 min Scan# 1038  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 814025 |       |       |
| 226     | 28.2  | 22.5   | 33.7  |       |
| 229     | 19.9  | 16.6   | 25.0  |       |





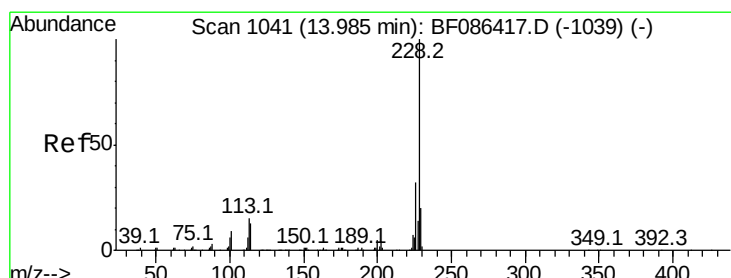
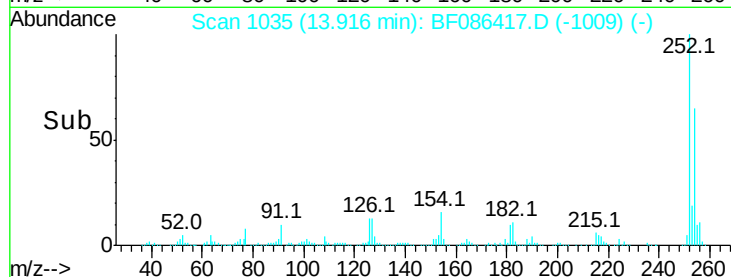
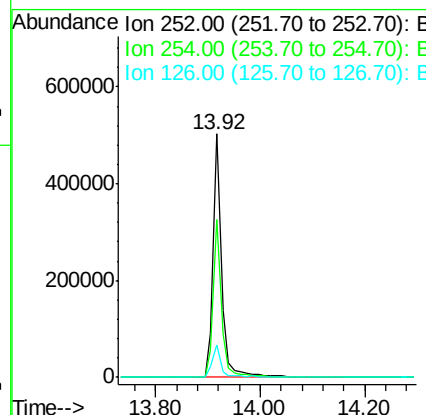
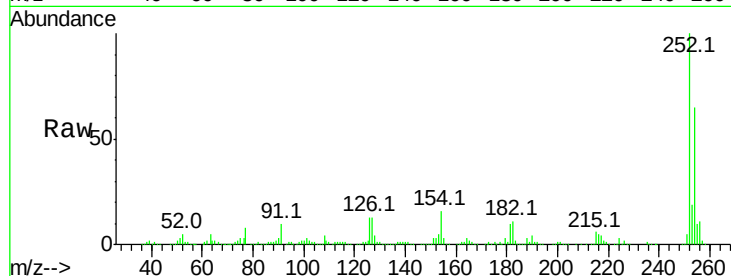
#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.17 ng  
 RT: 13.92 min Scan# 1035  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 571373 |       |       |
| 254     | 64.8  |        | 50.7  | 76.1  |
| 126     | 13.3  |        | 12.7  | 19.1  |

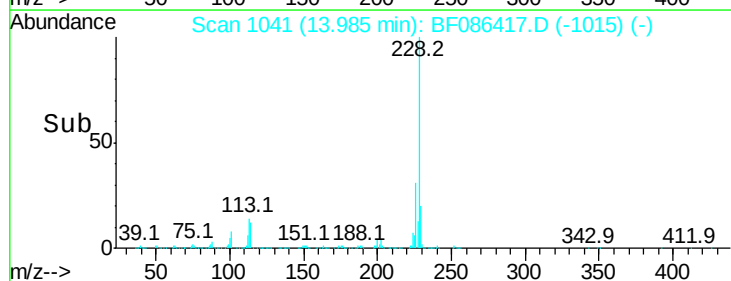
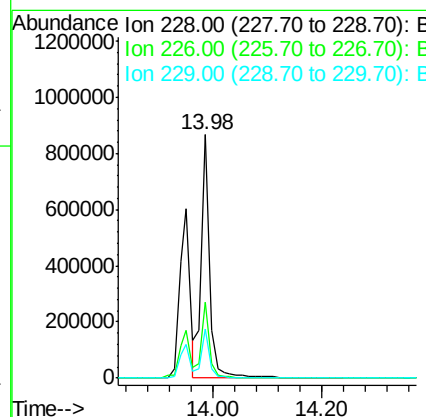
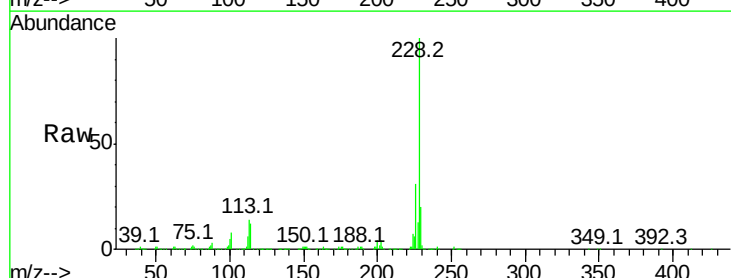
Manual Integrations  
 APPROVED

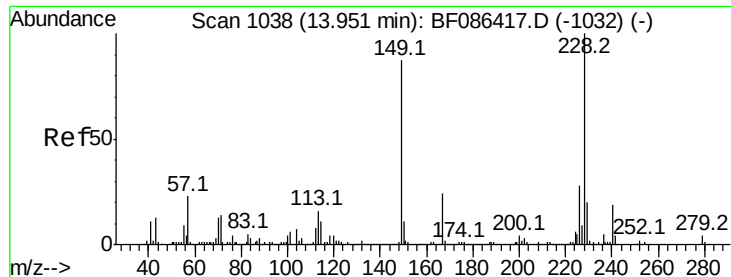
sohil  
 4/28/2016 1:40:48 PM



#82  
 Chrysene  
 Concen: 38.13 ng  
 RT: 13.98 min Scan# 1041  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 908496 |       |       |
| 226     | 31.4  |        | 24.4  | 36.6  |
| 229     | 20.1  |        | 15.8  | 23.8  |





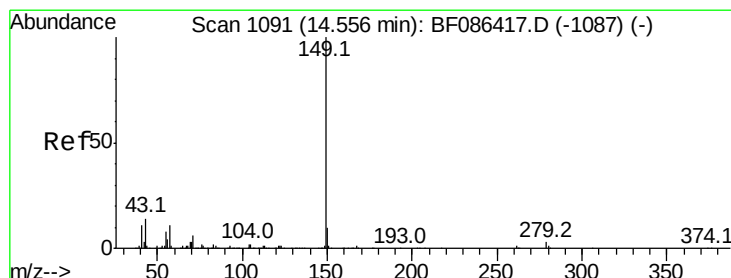
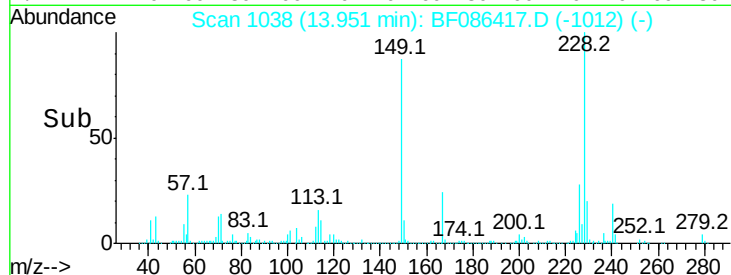
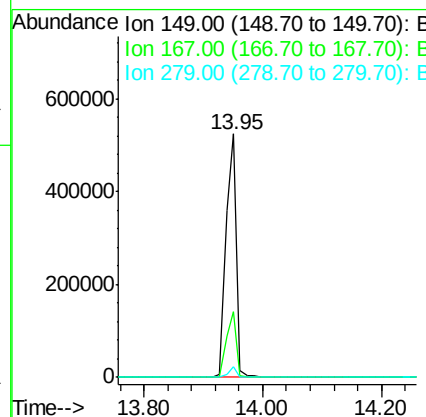
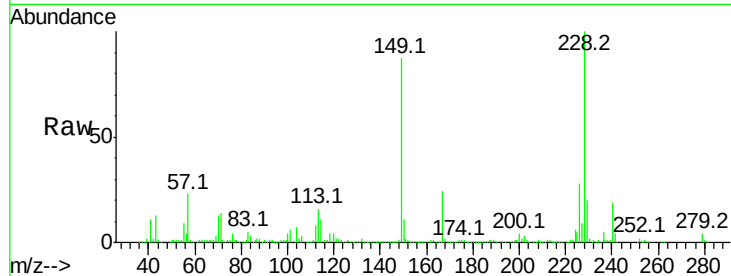
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.63 ng  
 RT: 13.95 min Scan# 1038  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.1  | 21.8  | 32.6  |
| 279     | 4.4   | 2.6   | 4.0   |

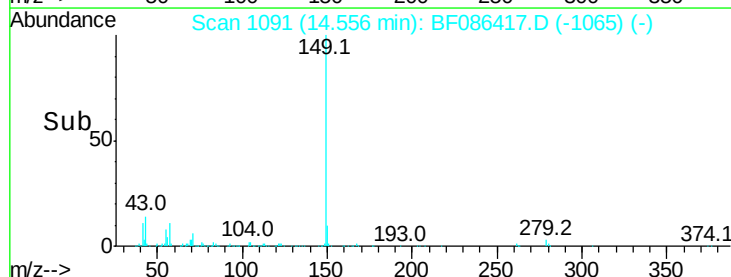
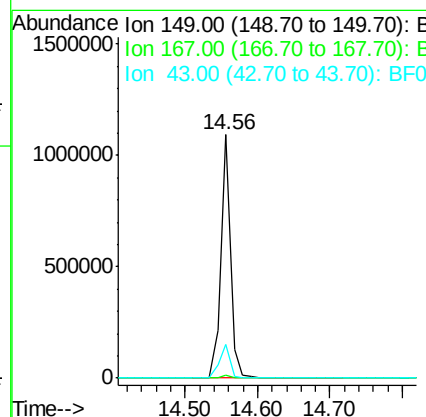
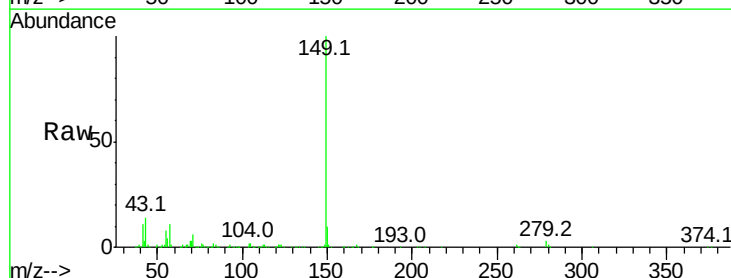
Manual Integrations  
 APPROVED

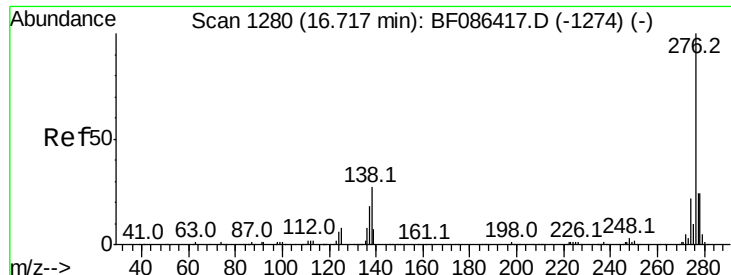
sohil  
 4/28/2016 1:40:48 PM



#84  
 Di-n-octyl phthalate  
 Concen: 35.51 ng  
 RT: 14.56 min Scan# 1091  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 15.5  | 8.2   | 12.4  |





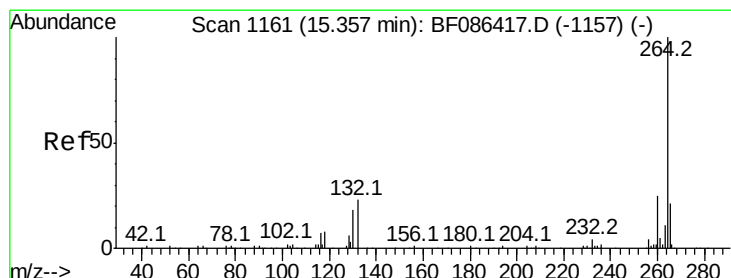
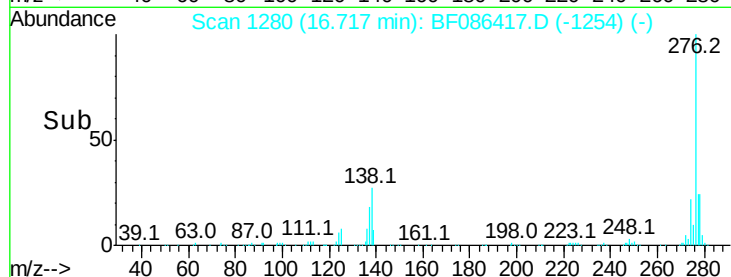
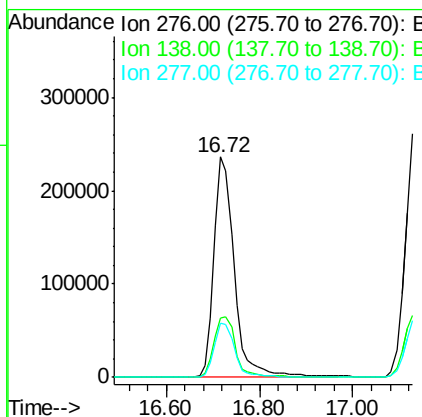
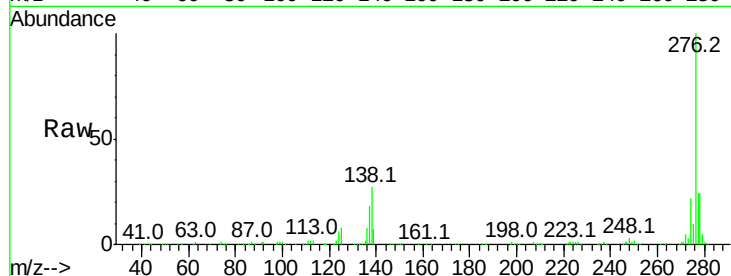
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 34.02 ng  
RT: 16.72 min Scan# 1280  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 720549 |       |       |
| 138     | 29.8  |        | 25.6  | 38.4  |
| 277     | 25.3  |        | 20.5  | 30.7  |

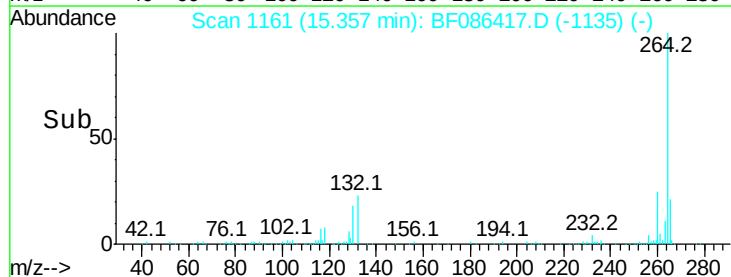
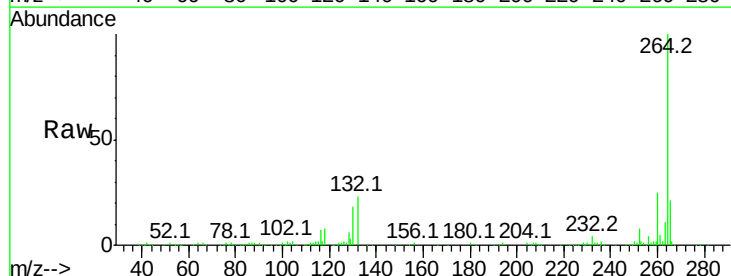
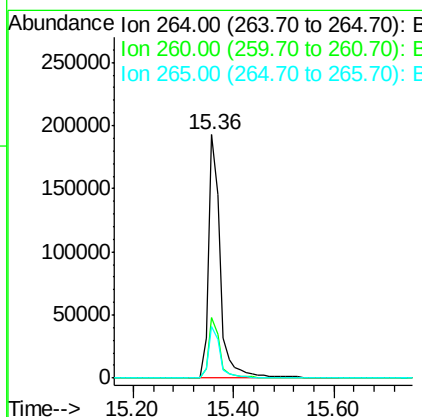
Manual Integrations  
APPROVED

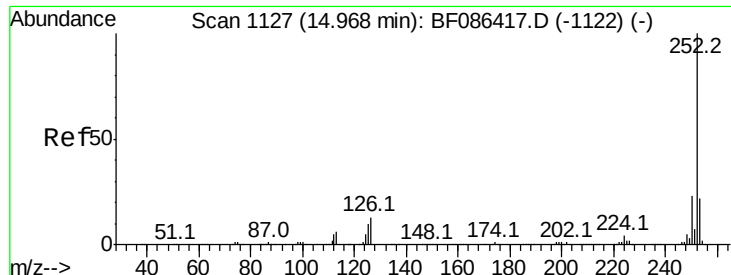
sohil  
4/28/2016 1:40:48 PM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.36 min Scan# 1161  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 313179 |       |       |
| 260     | 24.7  |        | 19.5  | 29.3  |
| 265     | 21.3  |        | 17.3  | 25.9  |





#87

Benzo(b)fluoranthene

Concen: 43.60 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

Instrument :

BNA\_F

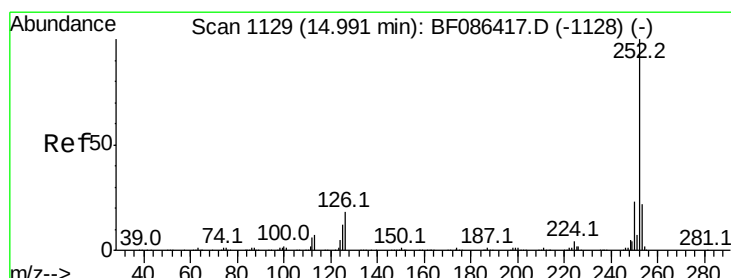
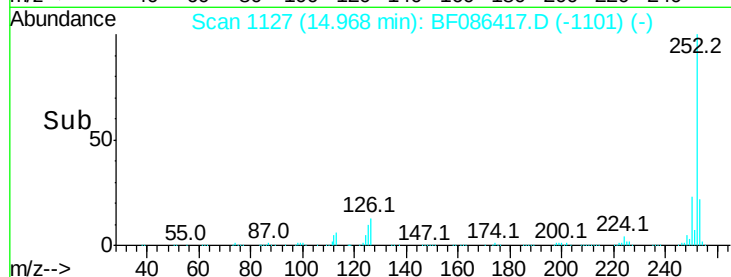
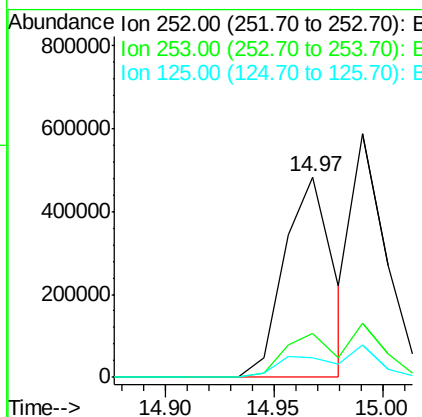
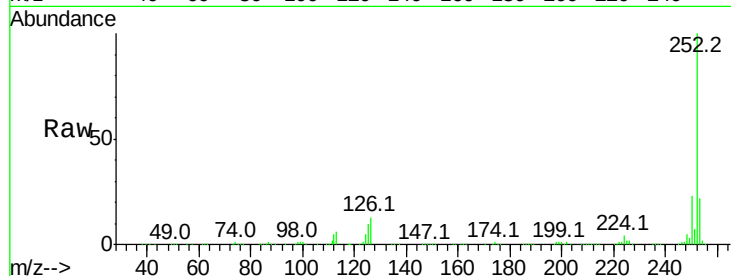
ClientSampleId :

SSTDICCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 252     | 100   |      |       |       |
| 253     | 22.2  | 17.8 | 26.6  |       |
| 125     | 9.9   | 11.4 | 17.0  |       |

Manual Integrations  
APPROVED

sohil  
4/28/2016 1:40:48 PM



#88

Benzo(k)fluoranthene

Concen: 41.78 ng m

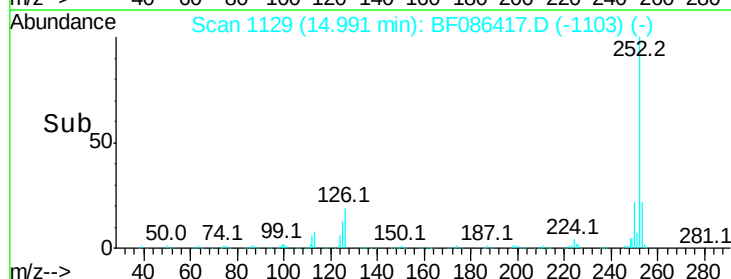
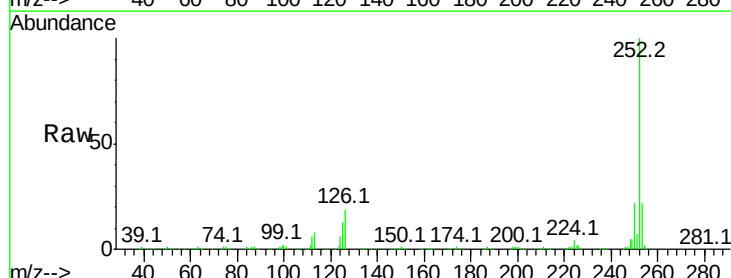
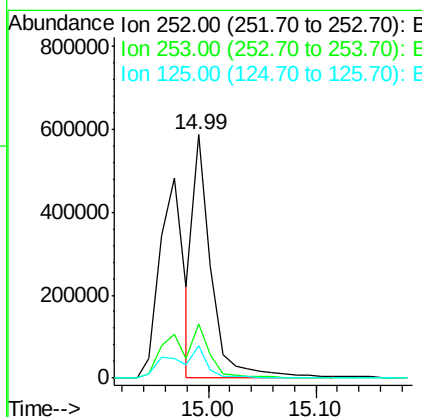
RT: 14.99 min Scan# 1129

Delta R.T. 0.00 min

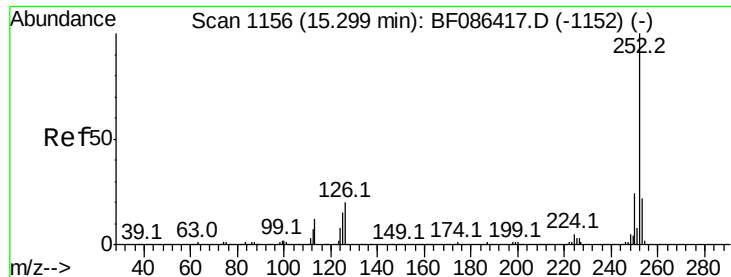
Lab File: BF086417.D

Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 252     | 100   |      |       |       |
| 253     | 22.2  | 17.8 | 26.6  |       |
| 125     | 13.1  | 9.1  | 13.7  |       |







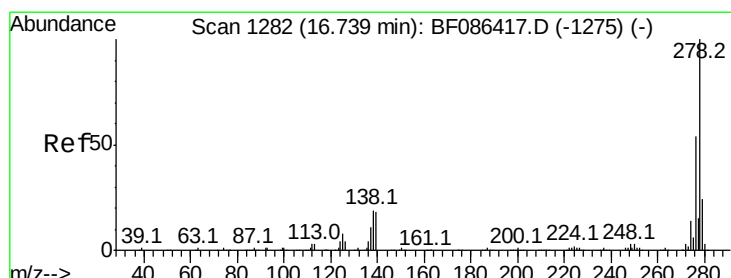
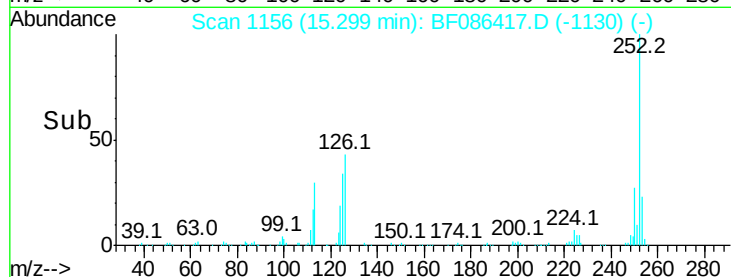
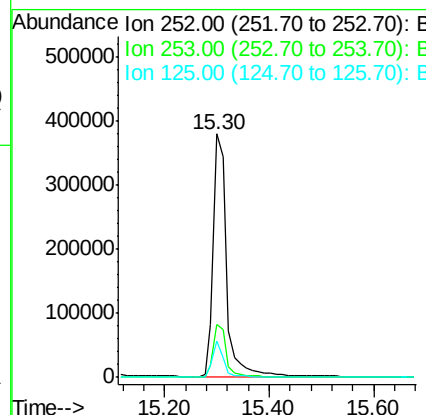
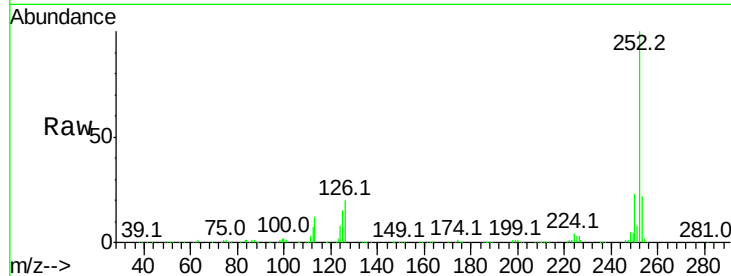
#89  
Benzo(a)pyrene  
Concen: 39.74 ng  
RT: 15.30 min Scan# 1156  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.2  | 25.8  |
| 125     | 14.7  | 9.0   | 13.6  |

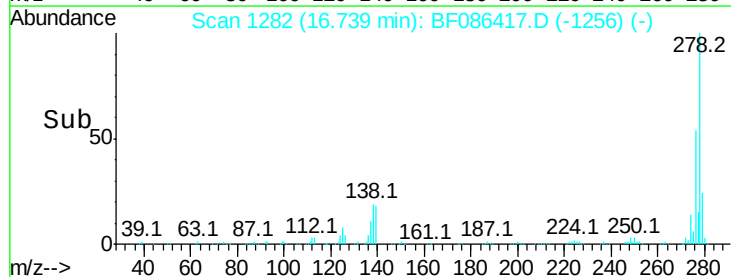
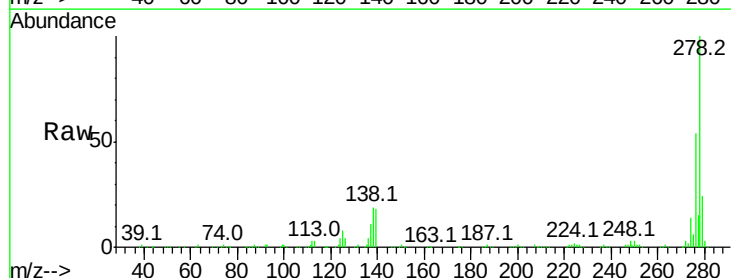
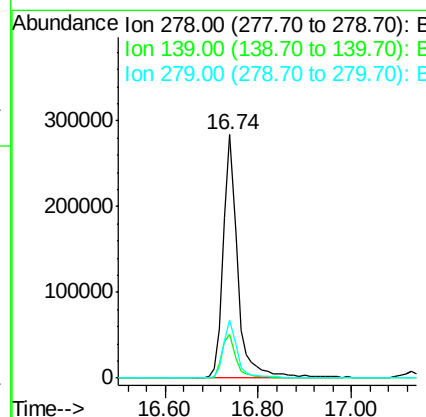
Manual Integrations  
APPROVED

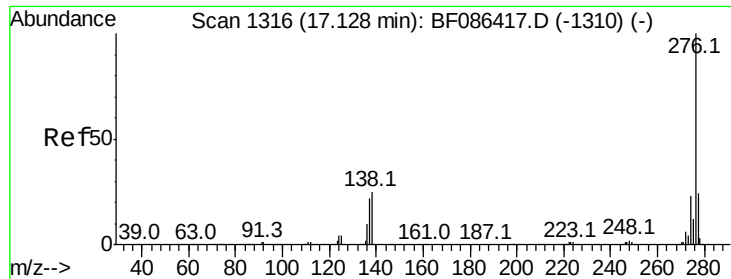
sohil  
4/28/2016 1:40:48 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 43.16 ng  
RT: 16.74 min Scan# 1282  
Delta R.T. 0.00 min  
Lab File: BF086417.D  
Acq: 27 Apr 2016 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.1  | 16.6  | 24.8  |
| 279     | 24.0  | 19.6  | 29.4  |





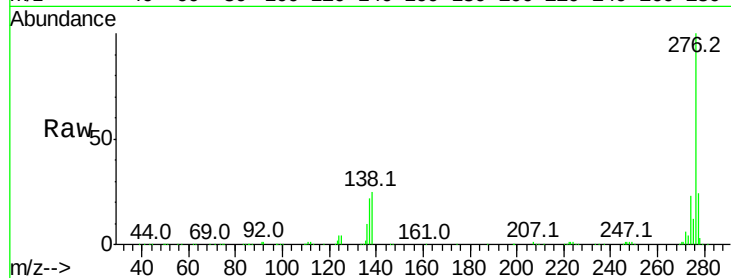
#91  
 Benzo(a,h,i)perylene  
 Concen: 41.84 ng  
 RT: 17.13 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: BF086417.D  
 Acq: 27 Apr 2016 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 604277 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.5 | 19.6  | 29.4   |
| 138       | 25.3 | 23.6  | 35.4   |

Manual Integrations  
 APPROVED

sohil  
 4/28/2016 1:40:48 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

