

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070815\  
 Data File : BF080400.D  
 Acq On : 8 Jul 2015 21:18  
 Operator : TP/UM  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

apatel  
 7/9/2015 2:20:04 PM

Quant Time: Jul 09 02:32:24 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 09 00:53:49 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.21  | 152  | 39225    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.50  | 136  | 173565   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.27 | 164  | 93620    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.77 | 188  | 210713   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.65 | 240  | 216370   | 20.00 | ng    | -0.19    |
| 86) Perylene-d12          | 16.44 | 264  | 188863   | 20.00 | ng    | -0.32    |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.80  | 112 | 165428 | 77.24 | ng | -0.01 |
| 7) Phenol-d6             | 6.82  | 99  | 238969 | 84.17 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.77  | 82  | 247001 | 83.00 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 11.06 | 330 | 83025  | 84.75 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.57  | 172 | 505172 | 72.82 | ng | 0.00  |
| 78) Terphenyl-d14        | 13.43 | 244 | 797841 | 86.01 | ng | -0.09 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.96 | 88  | 35786   | 35.39 | ng | 96     |
| 3) Pyridine                    | 3.81 | 79  | 97792   | 38.00 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.71 | 42  | 49311   | 40.78 | ng | # 91   |
| 6) Aniline                     | 6.86 | 93  | 171475  | 43.62 | ng | 98     |
| 8) 2-Chlorophenol              | 6.99 | 128 | 105239  | 42.39 | ng | 100    |
| 9) Benzaldehyde                | 6.75 | 77  | 69420   | 43.96 | ng | 99     |
| 10) Phenol                     | 6.83 | 94  | 142401  | 46.26 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.92 | 93  | 92121   | 39.67 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 7.15 | 146 | 123517  | 40.53 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.23 | 146 | 116978  | 41.10 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.38 | 146 | 117227  | 40.69 | ng | 97     |
| 15) Benzyl Alcohol             | 7.33 | 79  | 95665   | 43.53 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.48 | 45  | 168946  | 44.99 | ng | 94     |
| 17) 2-Methylphenol             | 7.45 | 107 | 89155   | 46.33 | ng | 98     |
| 18) Hexachloroethane           | 7.73 | 117 | 36276   | 39.67 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.61 | 70  | 90003   | 48.86 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.60 | 107 | 124766  | 46.52 | ng | 96     |
| 22) Acetophenone               | 7.61 | 105 | 155615  | 38.86 | ng | # 98   |
| 24) Nitrobenzene               | 7.78 | 77  | 110441  | 36.95 | ng | 96     |
| 25) Isophorone                 | 8.02 | 82  | 234831  | 41.00 | ng | 98     |
| 26) 2-Nitrophenol              | 8.11 | 139 | 56463   | 43.65 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 8.13 | 122 | 107488  | 42.23 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.22 | 93  | 130991  | 36.82 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.35 | 162 | 96778   | 42.83 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.44 | 180 | 104940  | 39.07 | ng | 99     |
| 31) Naphthalene                | 8.52 | 128 | 360459  | 40.49 | ng | 100    |
| 32) Benzoic acid               | 8.21 | 122 | 60375   | 45.14 | ng | 96     |
| 33) 4-Chloroaniline            | 8.56 | 127 | 139757m | 39.38 | ng |        |
| 34) Hexachlorobutadiene        | 8.64 | 225 | 61202   | 37.46 | ng | 98     |
| 35) Caprolactam                | 8.90 | 113 | 31925   | 45.75 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 9.04 | 107 | 99349   | 42.61 | ng | # 72   |
| 37) 2-Methylnaphthalene        | 9.22 | 142 | 238969  | 42.10 | ng | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.38 | 216 | 110661  | 37.30 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.37 | 237 | 25748   | 26.09 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070815\  
 Data File : BF080400.D  
 Acq On : 8 Jul 2015 21:18  
 Operator : TP/UM  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

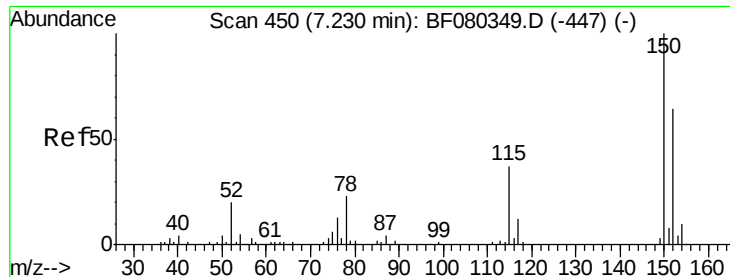
apatel  
 7/9/2015 2:20:04 PM

Quant Time: Jul 09 02:32:24 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 09 00:53:49 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.49  | 196  | 75816    | 38.79 | ng    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.53  | 196  | 91410    | 40.12 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.68  | 154  | 323887   | 38.98 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.71  | 162  | 247763   | 39.10 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.79  | 65   | 77827    | 43.90 | ng    | 99       |
| 48) Acenaphthylene             | 10.12 | 152  | 411515   | 39.02 | ng    | 99       |
| 49) Dimethylphthalate          | 9.97  | 163  | 293508   | 39.05 | ng    | # 97     |
| 50) 2,6-Dinitrotoluene         | 10.03 | 165  | 64163    | 40.83 | ng    | 97       |
| 51) Acenaphthene               | 10.30 | 154  | 254054   | 40.24 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.20 | 138  | 74176    | 41.89 | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 10.32 | 184  | 19488    | 33.43 | ng    | 96       |
| 54) Dibenzofuran               | 10.48 | 168  | 370533   | 41.28 | ng    | 100      |
| 55) 4-Nitrophenol              | 10.35 | 139  | 59025    | 45.48 | ng    | 88       |
| 56) 2,4-Dinitrotoluene         | 10.44 | 165  | 93079    | 46.06 | ng    | 92       |
| 57) Fluorene                   | 10.82 | 166  | 313346   | 40.54 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.59 | 232  | 76555    | 41.95 | ng    | 98       |
| 59) Diethylphthalate           | 10.67 | 149  | 302065   | 40.23 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.81 | 204  | 144116   | 42.13 | ng    | 99       |
| 61) 4-Nitroaniline             | 10.82 | 138  | 77762    | 45.24 | ng    | 92       |
| 62) Azobenzene                 | 10.97 | 77   | 306483   | 42.98 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.85 | 198  | 44736    | 37.74 | ng    | 90       |
| 65) n-Nitrosodiphenylamine     | 10.92 | 169  | 271561   | 40.46 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 11.30 | 248  | 96562    | 40.00 | ng    | 97       |
| 67) Hexachlorobenzene          | 11.38 | 284  | 101634   | 40.14 | ng    | 100      |
| 68) Atrazine                   | 11.44 | 200  | 84427    | 42.26 | ng    | 97       |
| 69) Pentachlorophenol          | 11.56 | 266  | 41676    | 33.29 | ng    | 95       |
| 70) Phenanthrene               | 11.79 | 178  | 506668   | 40.09 | ng    | 100      |
| 71) Anthracene                 | 11.85 | 178  | 492530   | 39.74 | ng    | 99       |
| 72) Carbazole                  | 12.00 | 167  | 482479   | 41.74 | ng    | 98       |
| 73) Di-n-butylphthalate        | 12.32 | 149  | 542834   | 41.06 | ng    | 99       |
| 74) Fluoranthene               | 13.03 | 202  | 553760   | 40.78 | ng    | 99       |
| 76) Benzidine                  | 13.14 | 184  | 252731   | 46.05 | ng    | 99       |
| 77) Pyrene                     | 13.28 | 202  | 581393   | 44.43 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.95 | 149  | 256697   | 49.15 | ng    | 99       |
| 80) Benzo(a)anthracene         | 14.64 | 228  | 519337   | 39.83 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.58 | 252  | 180092   | 41.65 | ng    | # 97     |
| 82) Chrysene                   | 14.68 | 228  | 479073   | 39.27 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.61 | 149  | 379892   | 47.72 | ng    | # 98     |
| 84) Di-n-octyl phthalate       | 15.39 | 149  | 607500   | 46.20 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 18.19 | 276  | 547714   | 38.18 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 15.93 | 252  | 536488   | 45.20 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 15.96 | 252  | 400482   | 35.64 | ng    | 100      |
| 89) Benzo(a)pyrene             | 16.36 | 252  | 443764   | 40.88 | ng    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 18.21 | 278  | 445961   | 41.72 | ng    | 100      |
| 91) Benzo(g,h,i)perylene       | 18.73 | 276  | 440796   | 40.66 | ng    | 99       |

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





#1

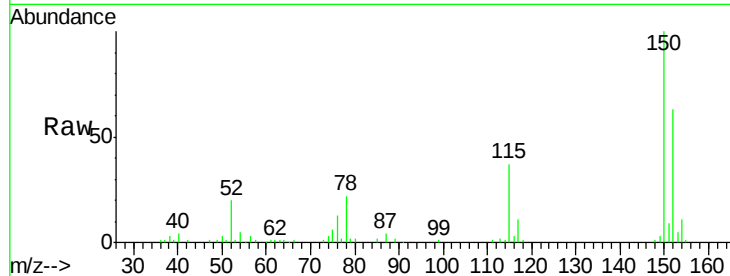
1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.21 min Scan# 448  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

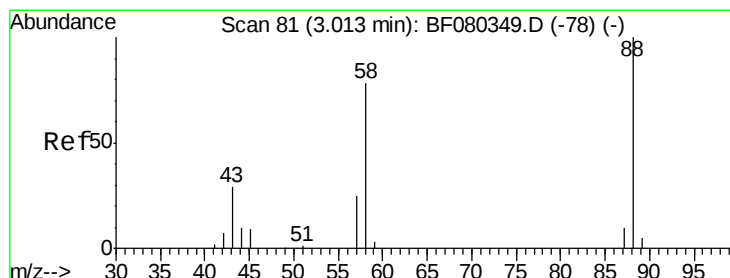
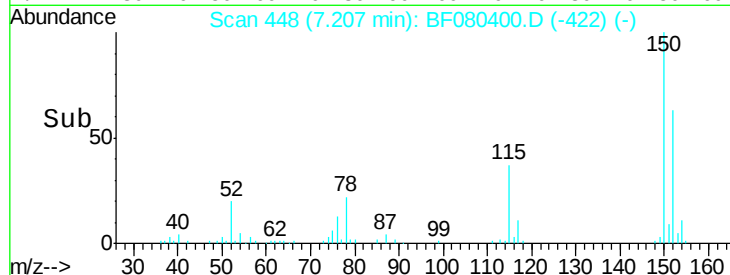
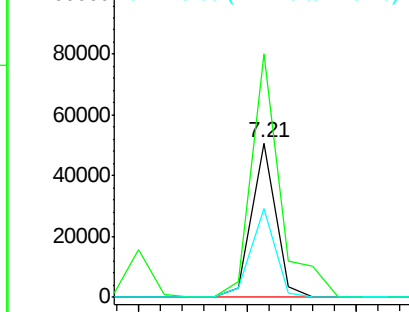
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.7 | 124.7 | 187.1 |
| 115     | 57.8  | 45.7  | 68.5  |

Manual Integrations  
 APPROVED

apatel  
 7/9/2015 2:20:04 PM



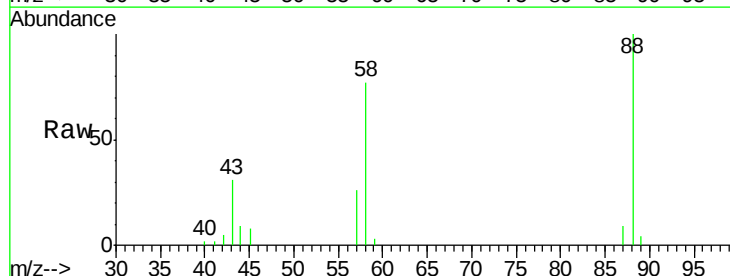
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



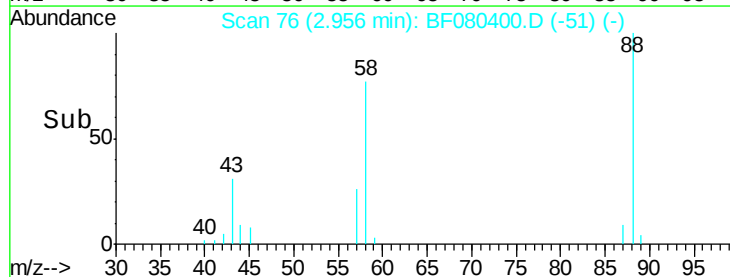
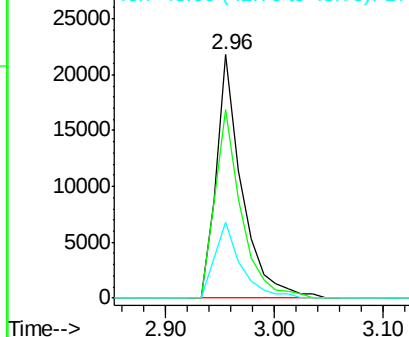
#2

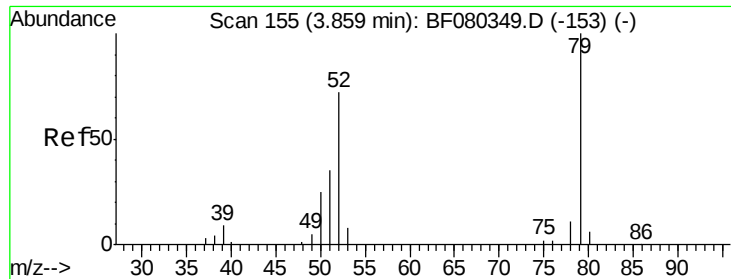
1,4-Dioxane  
 Concen: 35.39 ng  
 RT: 2.96 min Scan# 76  
 Delta R.T. -0.01 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 79.3  | 61.0  | 91.6  |
| 43      | 31.7  | 23.4  | 35.0  |



Abundance Ion 88.00 (87.70 to 88.70): BF0  
 Ion 58.00 (57.70 to 58.70): BF0  
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.00 ng

RT: 3.81 min Scan# 151

Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

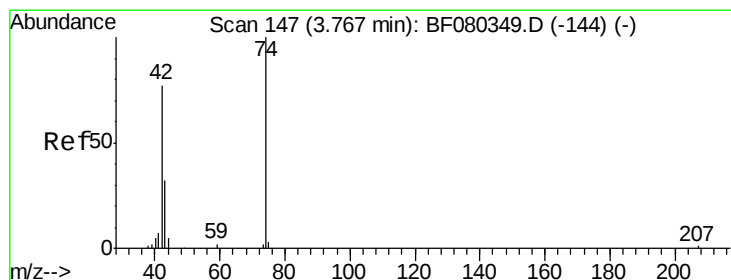
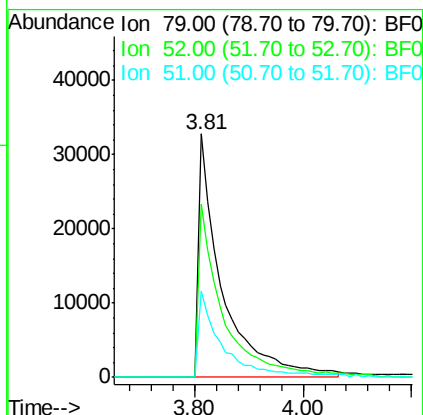
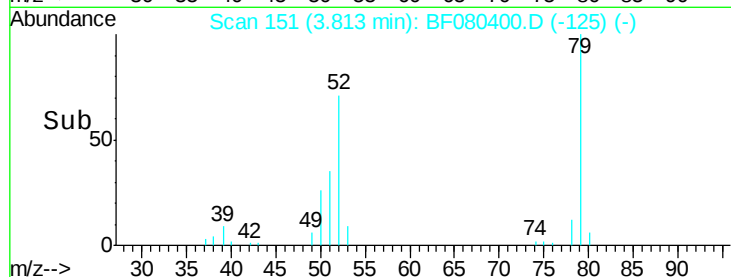
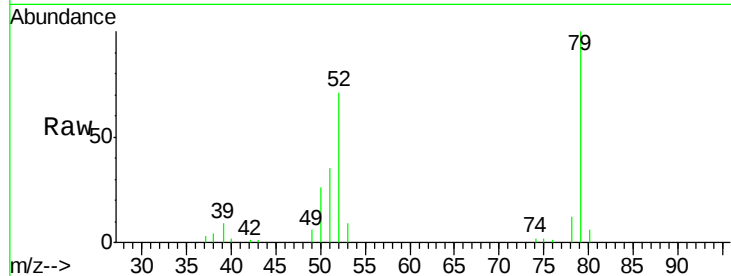
ClientSampleId :

SSTDCCC040EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 97792 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 71.4  | 57.2  | 85.8  |
| 51       | 35.2  | 29.4  | 44.0  |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM



#4

n-Nitrosodimethylamine

Concen: 40.78 ng

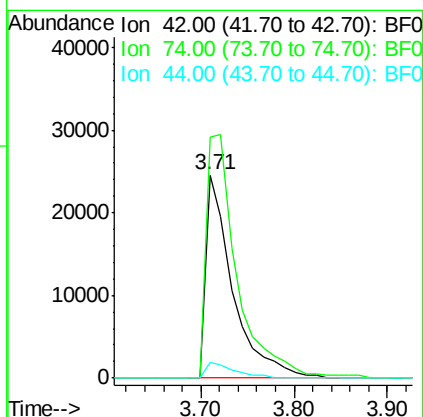
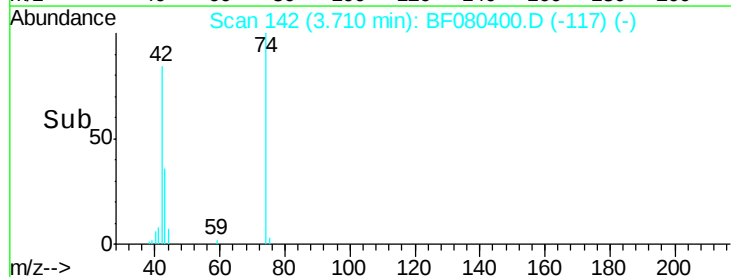
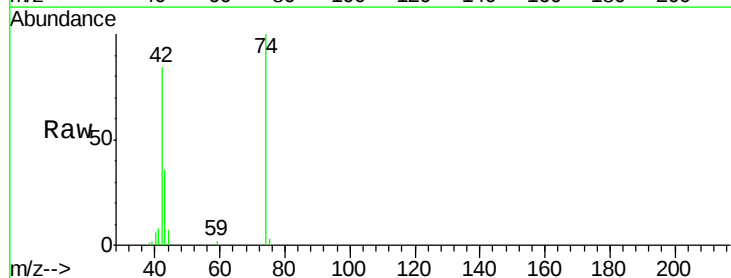
RT: 3.71 min Scan# 142

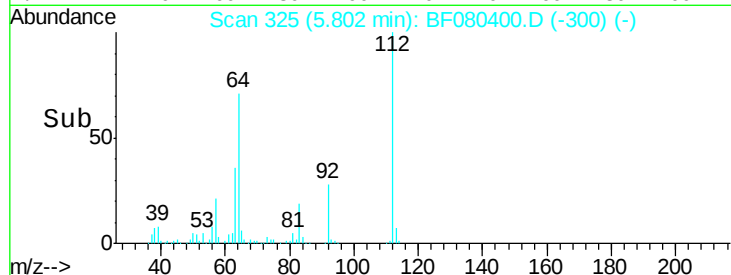
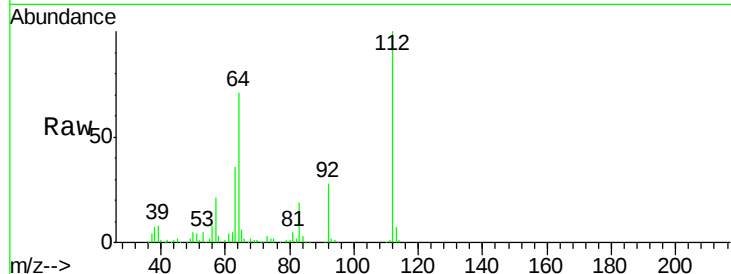
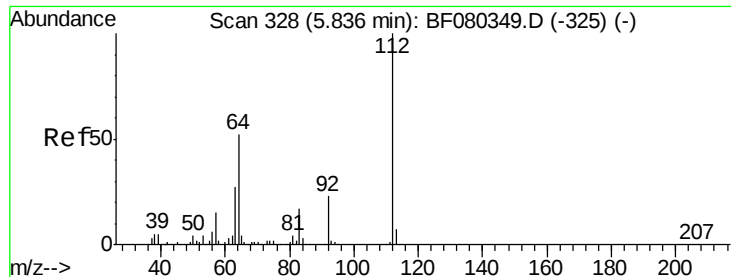
Delta R.T. -0.01 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 49311 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 118.5 | 103.4 | 155.0 |
| 44       | 8.1   | 5.4   | 8.0#  |





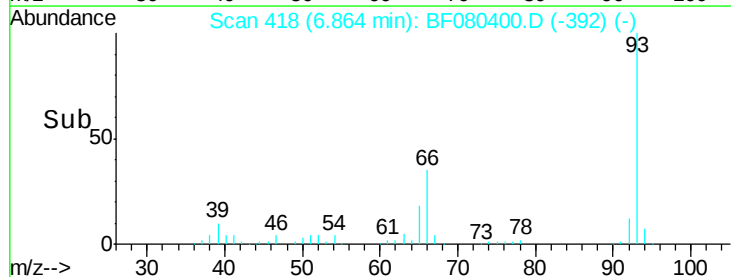
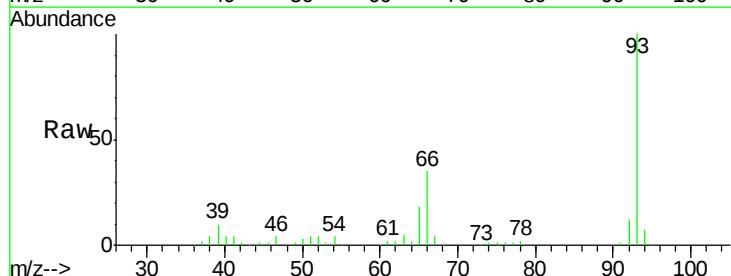
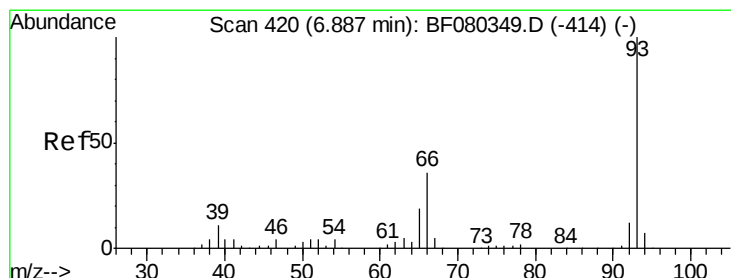
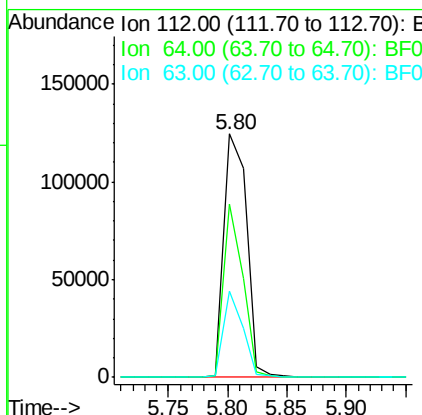
#5  
2-Fluorophenol  
Concen: 77.24 ng  
RT: 5.80 min Scan# 325  
Delta R.T. -0.01 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 112     | 100   |            |            |
| 64      | 71.3  | 41.8       | 62.6#      |
| 63      | 35.6  | 21.5       | 32.3#      |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

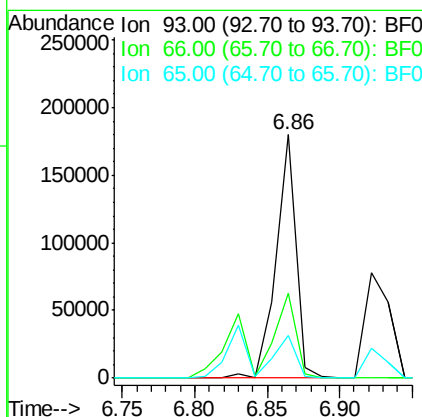
Manual Integrations  
APPROVED

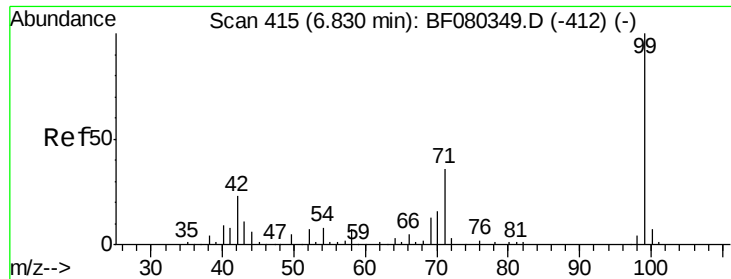
apatel  
7/9/2015 2:20:04 PM



#6  
Aniline  
Concen: 43.62 ng  
RT: 6.86 min Scan# 418  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 66      | 34.9  | 28.7       | 43.1       |
| 65      | 17.8  | 14.8       | 22.2       |





#7

Phenol-d6

Concen: 84.17 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

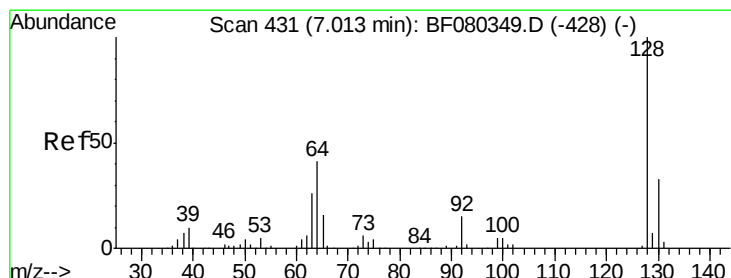
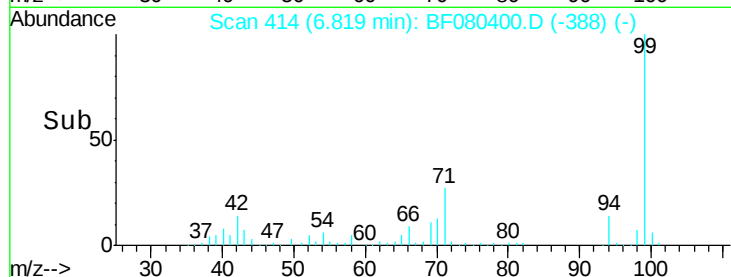
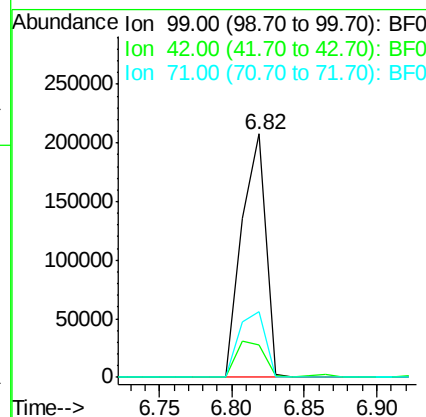
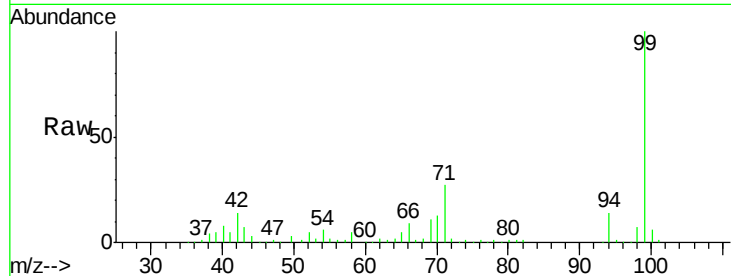
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 238969 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 13.6  | 18.5  | 27.7#  |
| 71        | 26.9  | 28.5  | 42.7#  |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM



#8

2-Chlorophenol

Concen: 42.39 ng

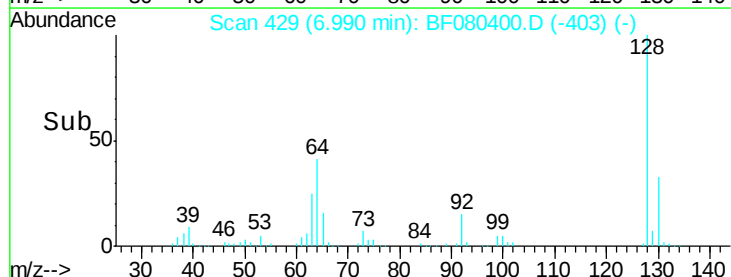
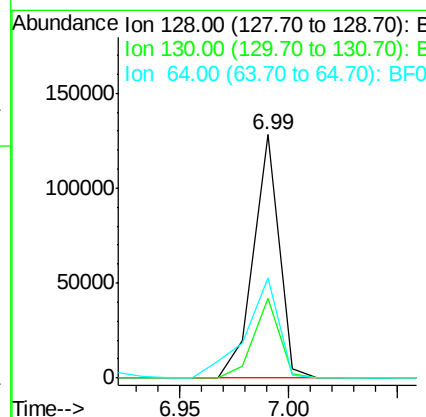
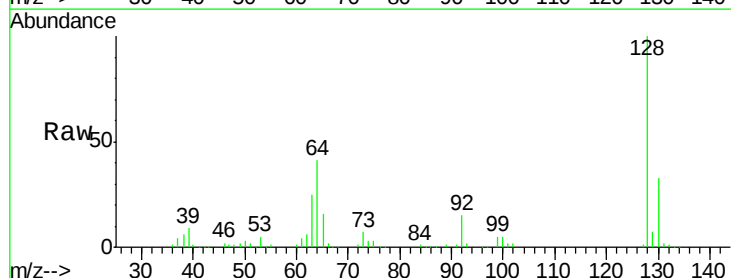
RT: 6.99 min Scan# 429

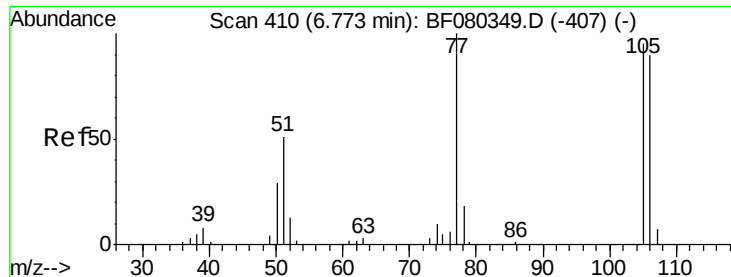
Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 105239 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.6  | 12.8  | 52.8   |
| 64        | 41.1  | 21.1  | 61.1   |





#9

Benzaldehyde

Concen: 43.96 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

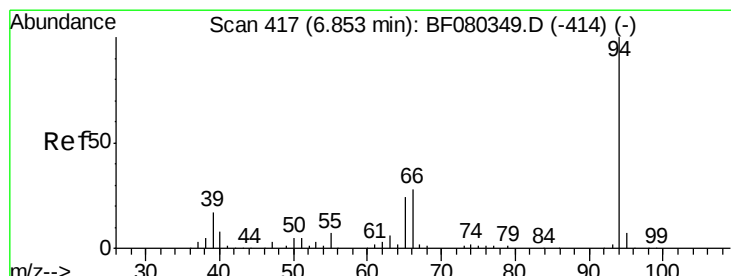
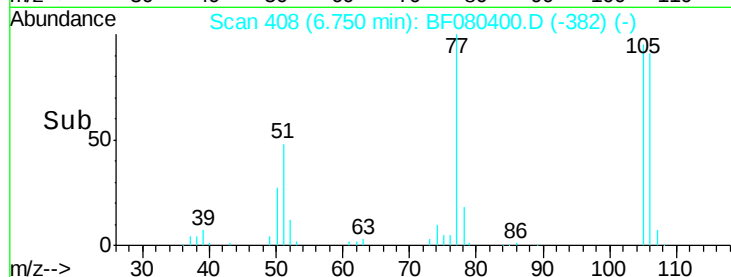
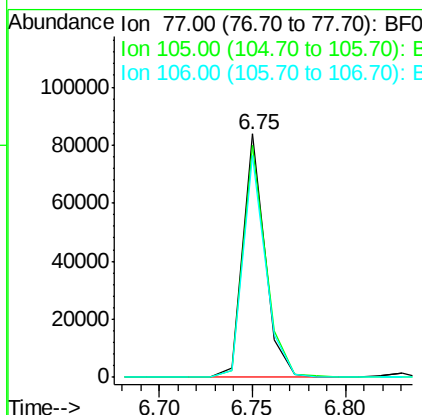
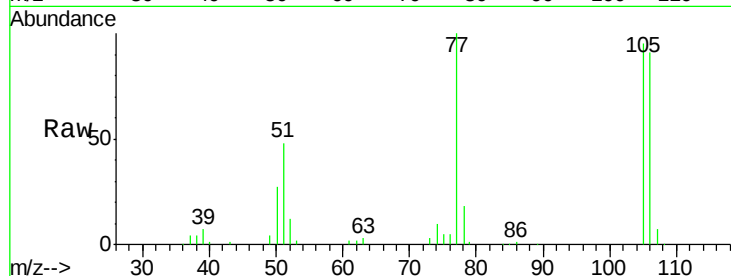
ClientSampleId :

SSTDCCC040EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 69420 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 95.1  | 75.2  | 115.2 |
| 106      | 90.9  | 69.9  | 109.9 |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM



#10

Phenol

Concen: 46.26 ng

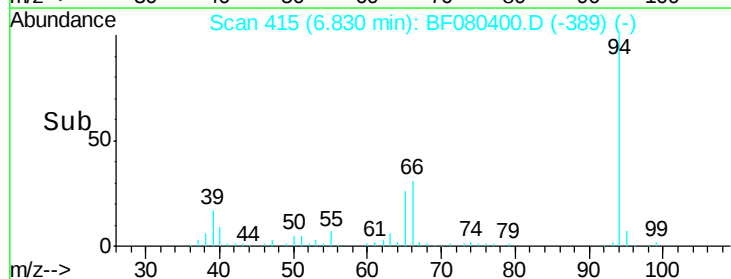
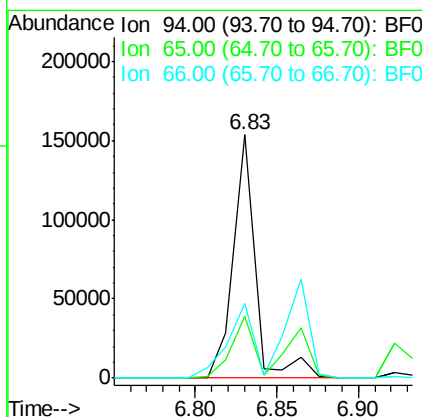
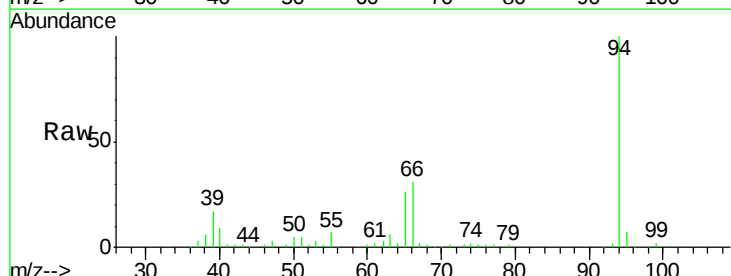
RT: 6.83 min Scan# 415

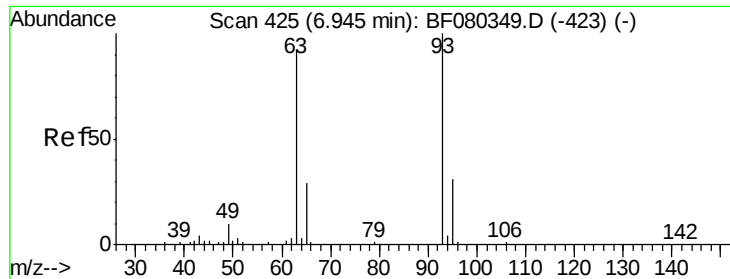
Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 142401 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 25.6  | 3.5   | 43.5   |
| 66       | 30.9  | 8.5   | 48.5   |





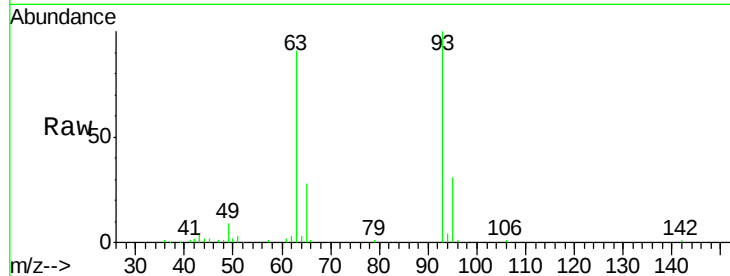
#11  
bis(2-Chloroethyl)ether  
Concen: 39.67 ng  
RT: 6.92 min Scan# 423  
Delta R.T. -0.01 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 91.1  | 71.3  | 111.3 |
| 95      | 31.1  | 11.3  | 51.3  |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM

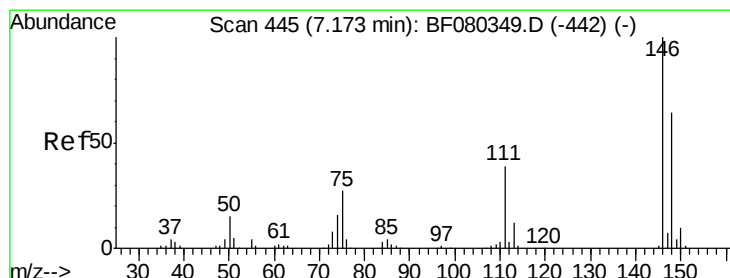
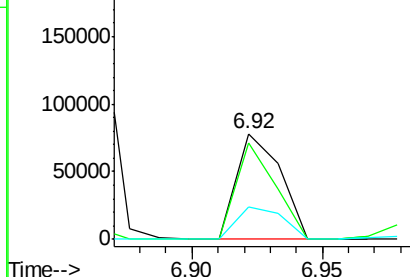
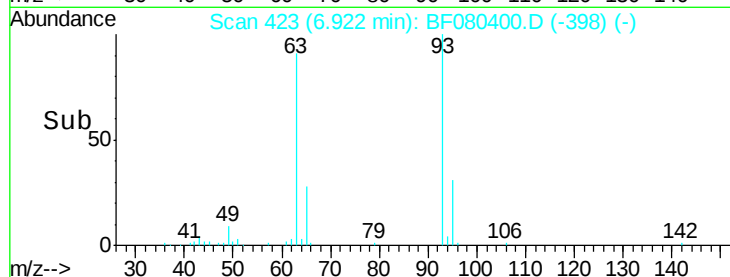


Abundance

Ion 93.00 (92.70 to 93.70): BF0

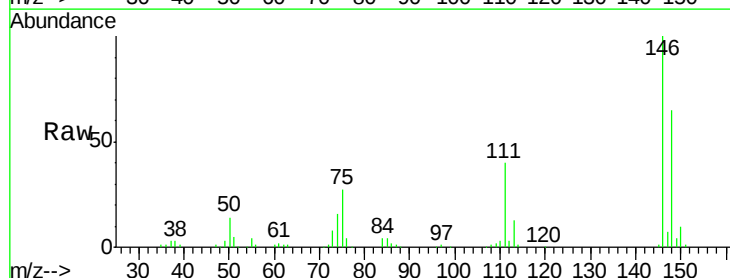
Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12  
1,3-Dichlorobenzene  
Concen: 40.53 ng  
RT: 7.15 min Scan# 443  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 51.4  | 77.0  |
| 75      | 26.9  | 21.5  | 32.3  |

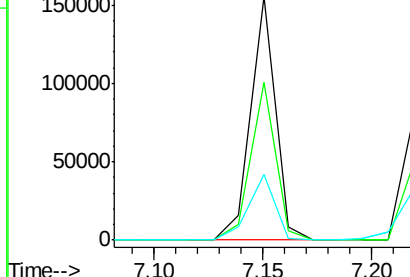
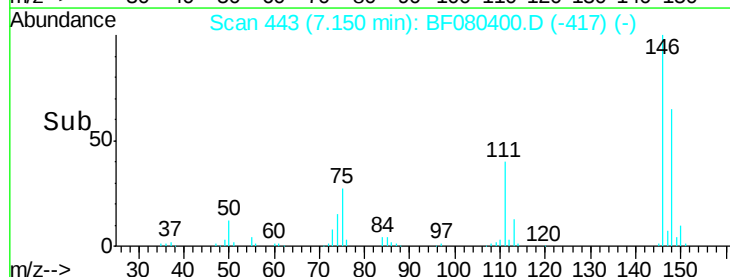


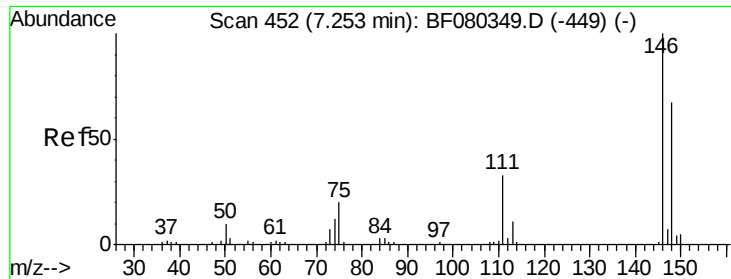
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

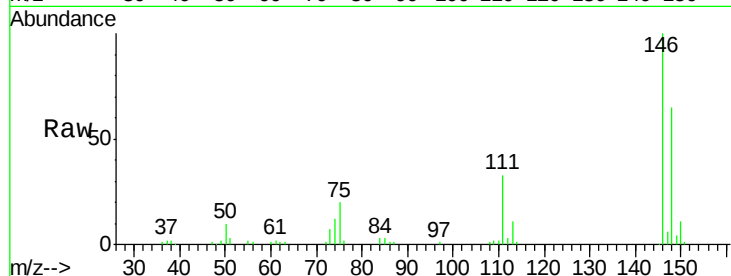
Ion 75.00 (74.70 to 75.70): BF0





#13  
 1,4-Dichlorobenzene  
 Concen: 41.10 ng  
 RT: 7.23 min Scan# 450  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

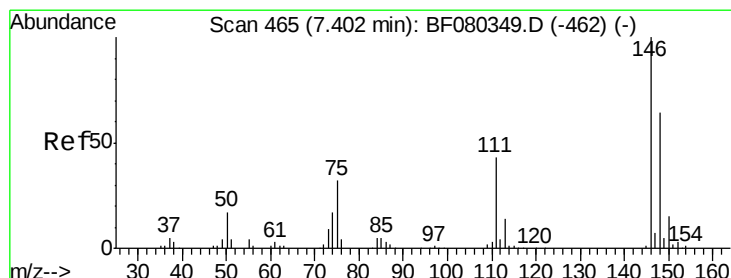
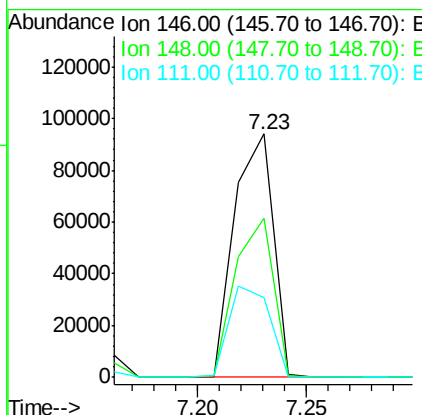
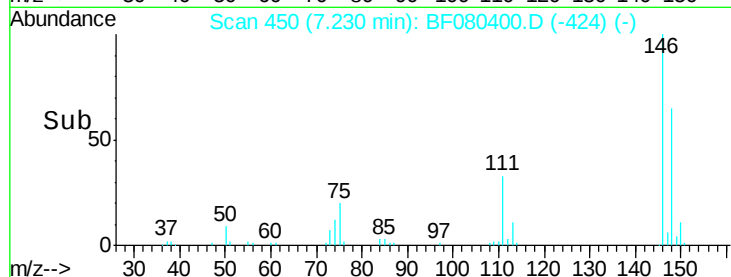
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC



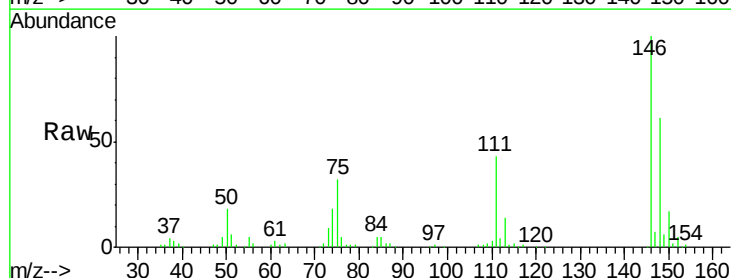
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 53.4  | 80.0  |
| 111     | 32.6  | 26.2  | 39.2  |

Manual Integrations  
 APPROVED

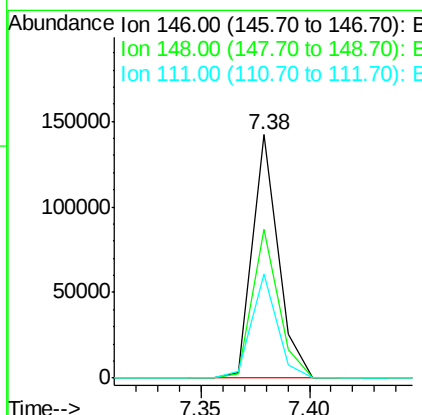
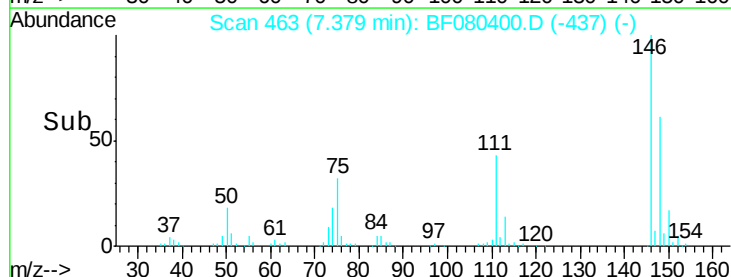
apatel  
 7/9/2015 2:20:04 PM

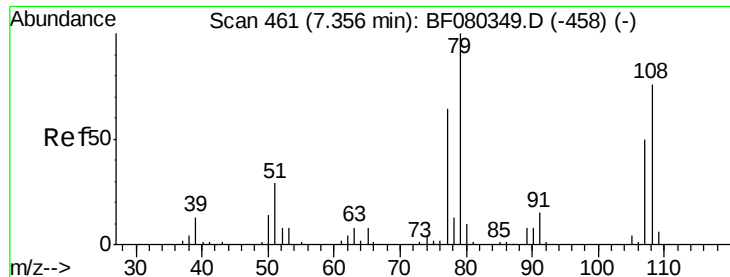


#14  
 1,2-Dichlorobenzene  
 Concen: 40.69 ng  
 RT: 7.38 min Scan# 463  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.3  | 51.3  | 76.9  |
| 111     | 42.6  | 34.6  | 52.0  |





#15

Benzyl Alcohol

Concen: 43.53 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

ClientSampleId :

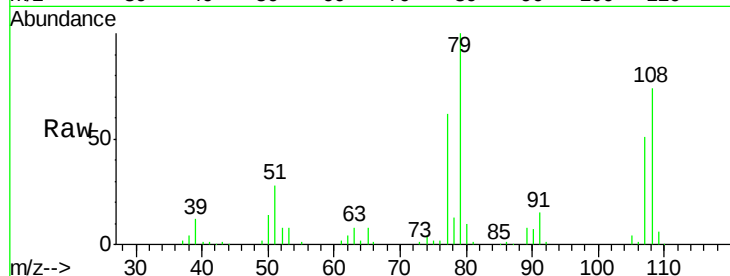
SSTDCCC040EC

Manual Integrations  
APPROVED

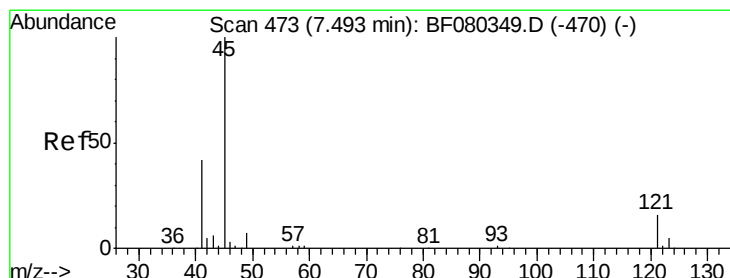
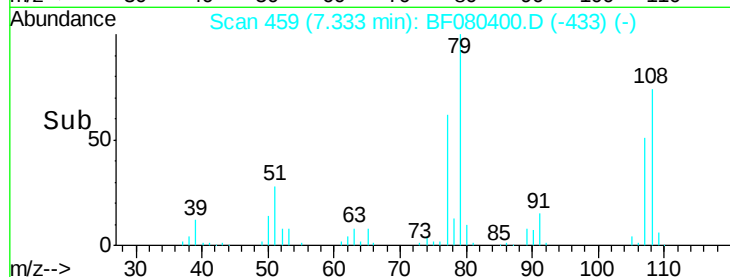
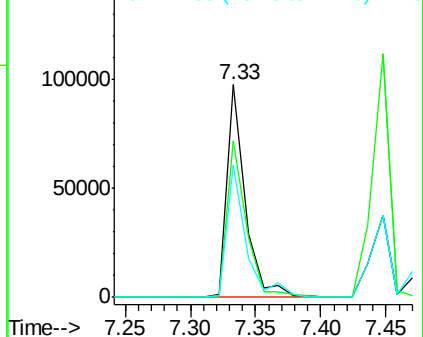
apatel

7/9/2015 2:20:04 PM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 73.5  | 60.6  | 90.8  |
| 77      | 62.2  | 50.8  | 76.2  |



Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.99 ng

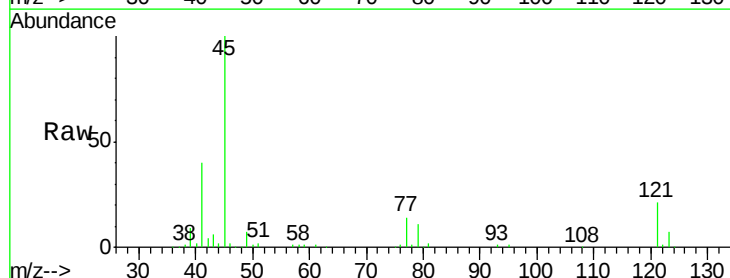
RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

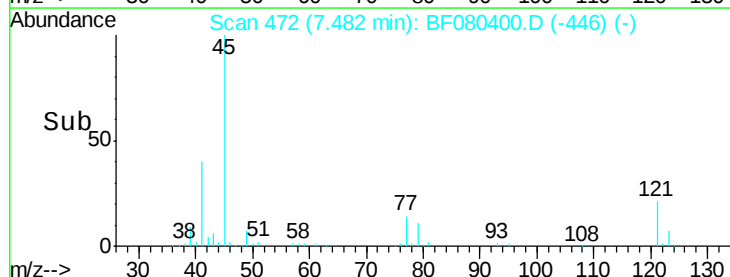
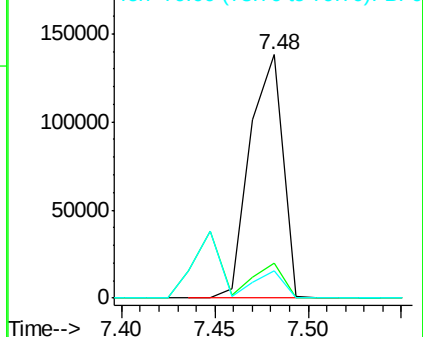
Lab File: BF080400.D

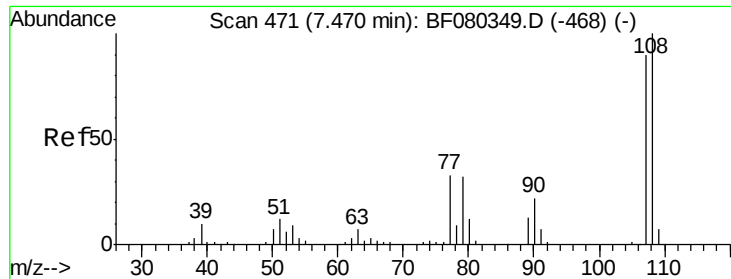
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.4  | 0.0   | 31.9  |
| 79      | 11.3  | 0.0   | 29.7  |



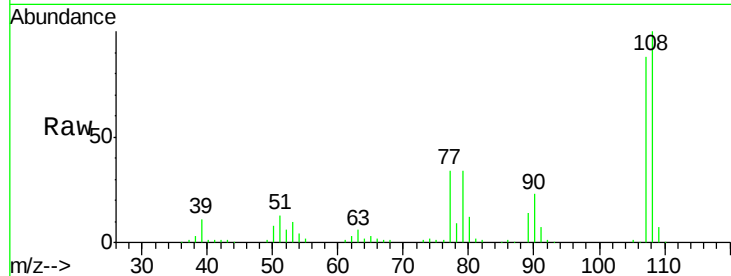
Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0





#17  
2-Methylphenol  
Concen: 46.33 ng  
RT: 7.45 min Scan# 469  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

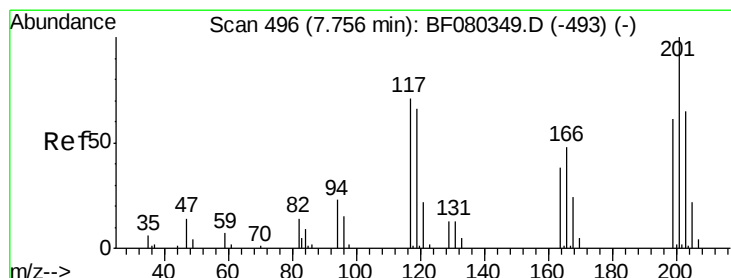
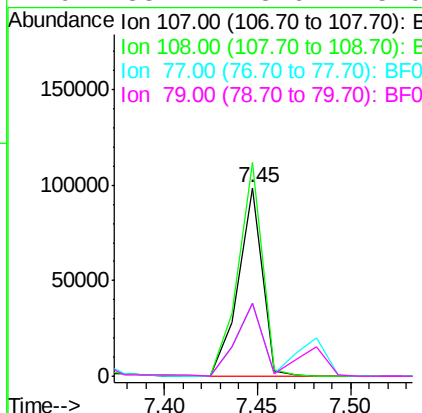
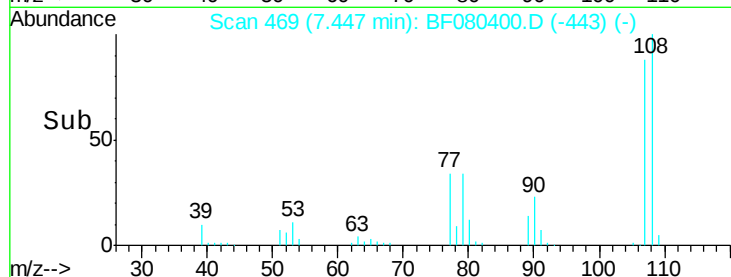
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC



| Tgt Ion | Ion    | Ratio | Resp  | Lower | Upper |
|---------|--------|-------|-------|-------|-------|
| 107     | 107.00 | 100   | 89155 |       |       |
| 108     | 108.00 | 113.2 | 89.3  | 133.9 |       |
| 77      | 77.00  | 38.6  | 29.5  | 44.3  |       |
| 79      | 79.00  | 38.4  | 28.6  | 43.0  |       |

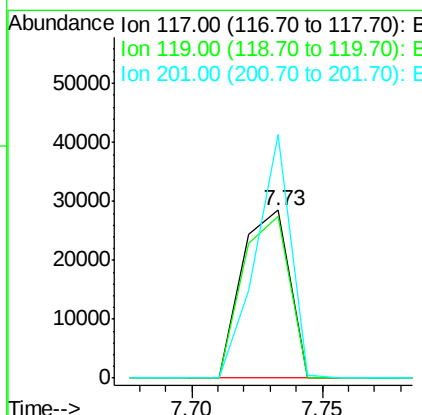
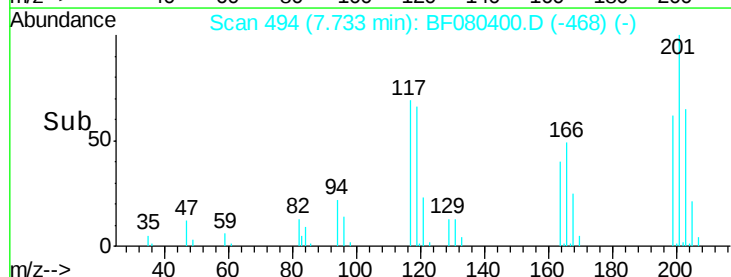
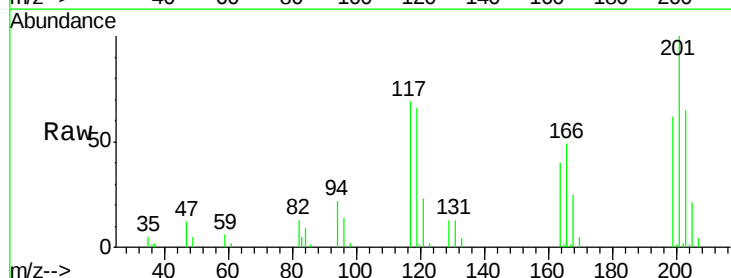
Manual Integrations  
APPROVED

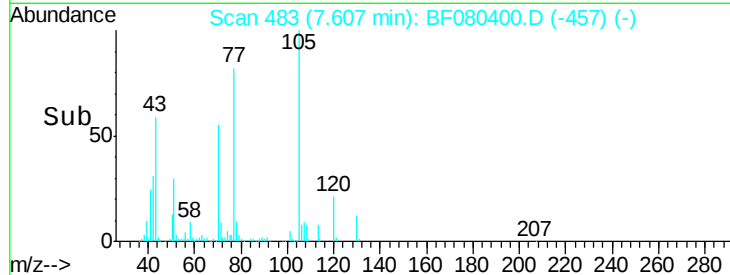
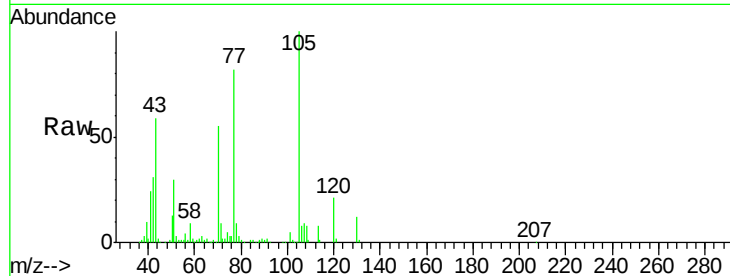
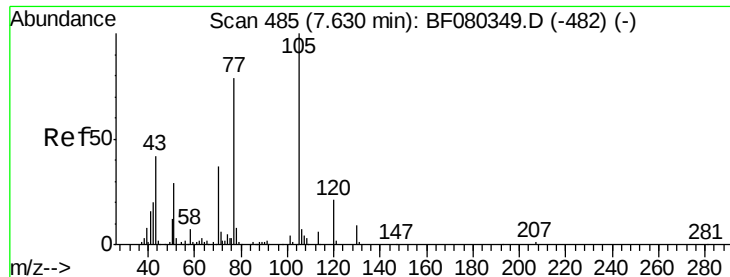
apatel  
7/9/2015 2:20:04 PM



#18  
Hexachloroethane  
Concen: 39.67 ng  
RT: 7.73 min Scan# 494  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ion    | Ratio | Resp  | Lower | Upper |
|---------|--------|-------|-------|-------|-------|
| 117     | 117.00 | 100   | 36276 |       |       |
| 119     | 119.00 | 96.3  | 74.2  | 111.4 |       |
| 201     | 201.00 | 145.0 | 112.4 | 168.6 |       |





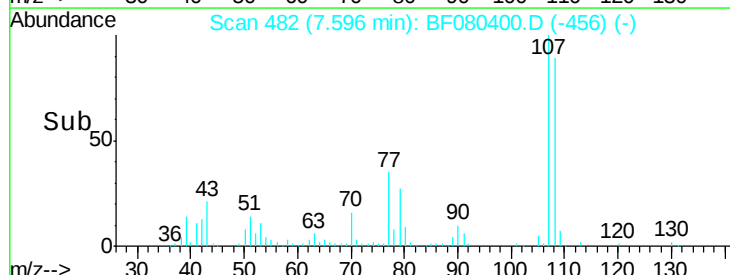
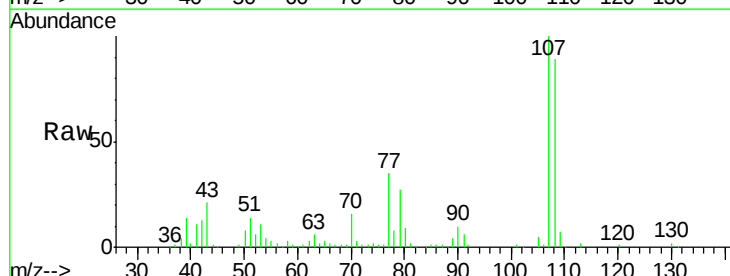
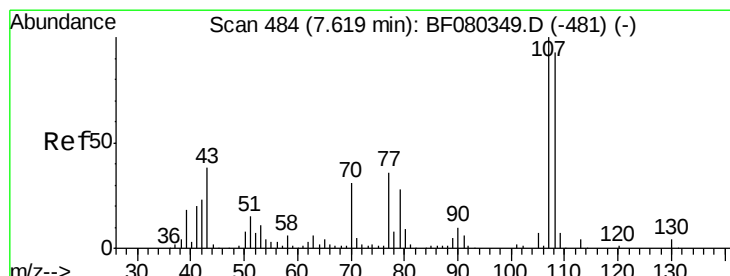
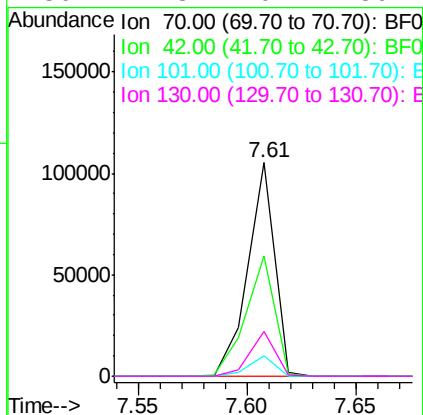
#19  
n-Nitroso-di-n-propylamine  
Concen: 48.86 ng  
RT: 7.61 min Scan# 483  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Manual Integrations  
APPROVED

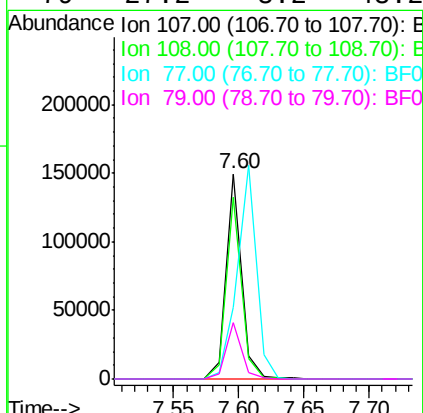
apatel  
7/9/2015 2:20:04 PM

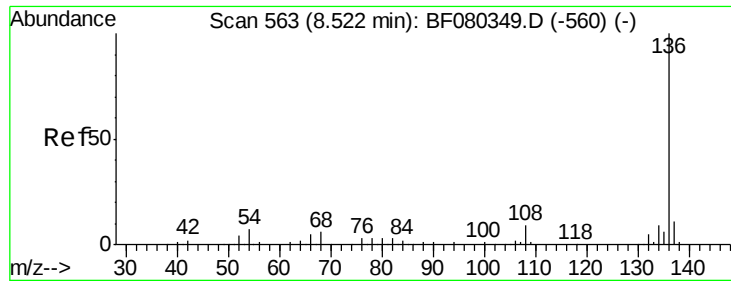
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 56.2  | 43.0  | 64.6  |
| 101     | 9.8   | 8.3   | 12.5  |
| 130     | 21.3  | 20.2  | 30.2  |



#20  
3+4-Methylphenols  
Concen: 46.52 ng  
RT: 7.60 min Scan# 482  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.8  | 73.4  | 113.4 |
| 77      | 35.1  | 16.4  | 56.4  |
| 79      | 27.2  | 8.2   | 48.2  |





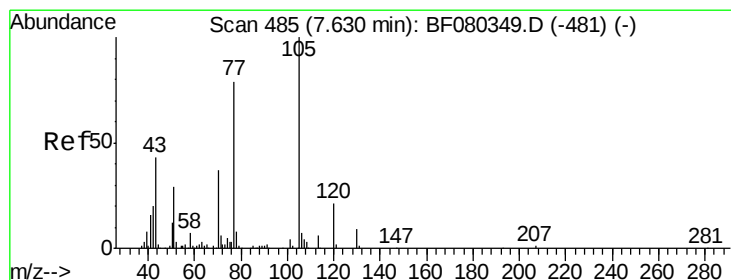
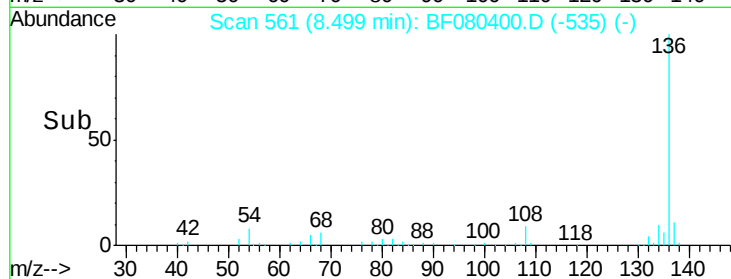
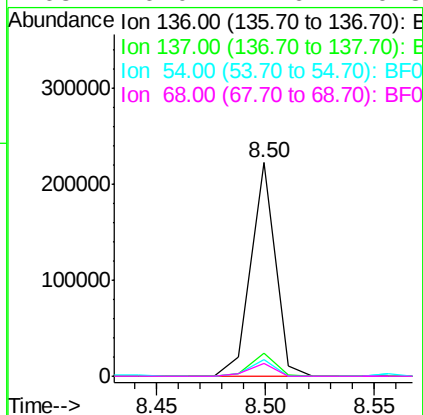
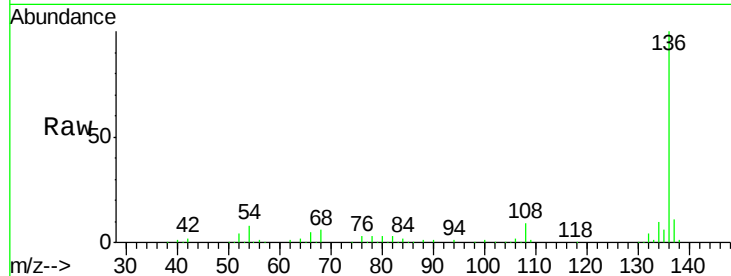
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.50 min Scan# 561  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 173565 |       |       |
| 137     | 11.0  | 8.5    | 12.7  |       |
| 54      | 7.6   | 5.8    | 8.8   |       |
| 68      | 6.0   | 4.6    | 6.8   |       |

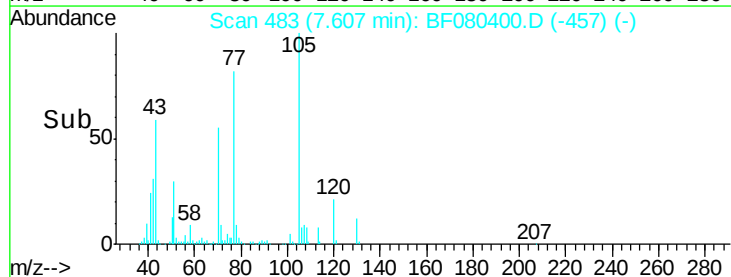
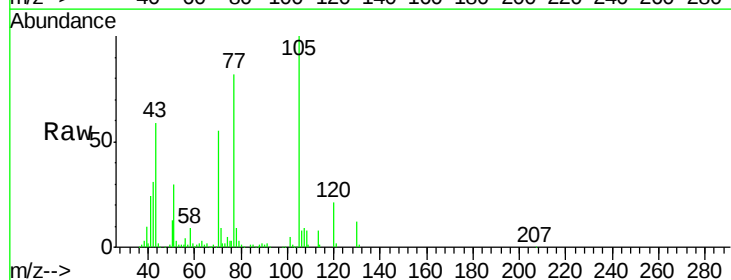
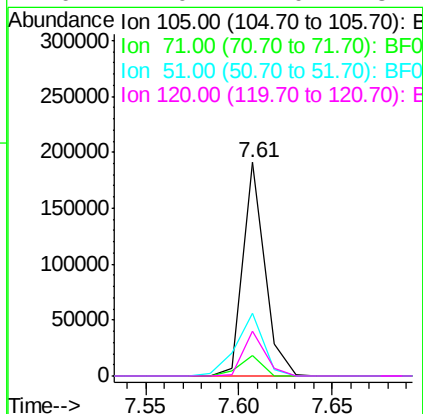
Manual Integrations  
APPROVED

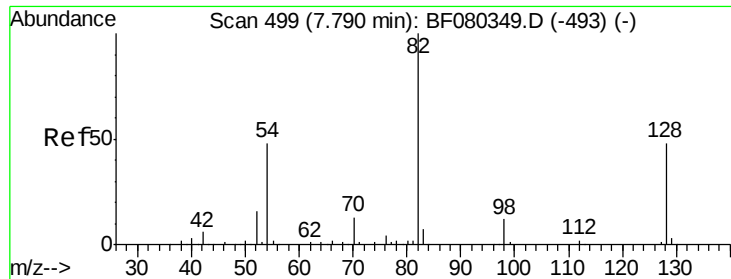
apatel  
7/9/2015 2:20:04 PM



#22  
Acetophenone  
Concen: 38.86 ng  
RT: 7.61 min Scan# 483  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 155615 |       |       |
| 71      | 9.3   | 5.0    | 7.6#  |       |
| 51      | 29.6  | 23.2   | 34.8  |       |
| 120     | 21.0  | 17.0   | 25.4  |       |





#23

Nitrobenzene-d5

Concen: 83.00 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

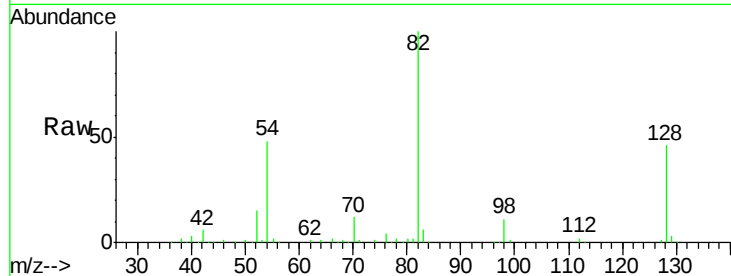
ClientSampleId :

SSTDCCC040EC

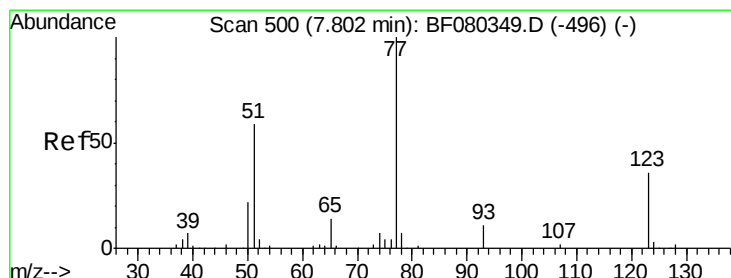
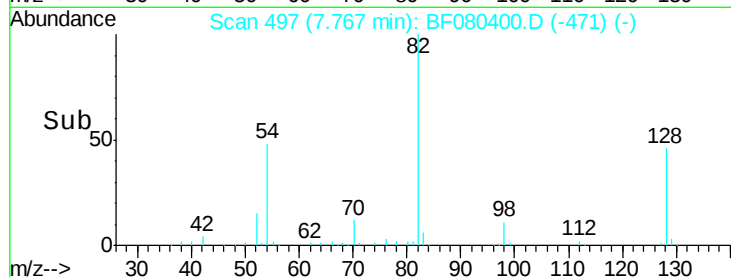
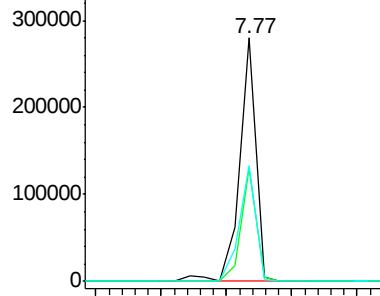
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 247001 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 46.3  | 38.4  | 57.6   |
| 54        | 47.7  | 38.2  | 57.2   |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM



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



#24

Nitrobenzene

Concen: 36.95 ng

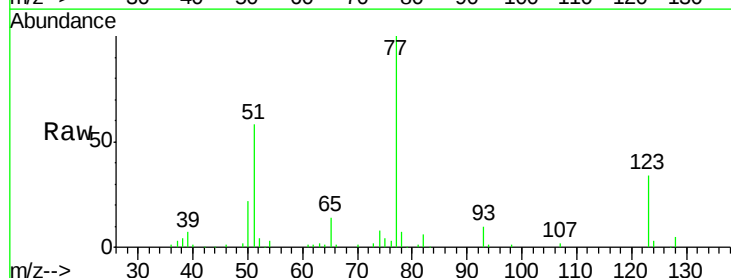
RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

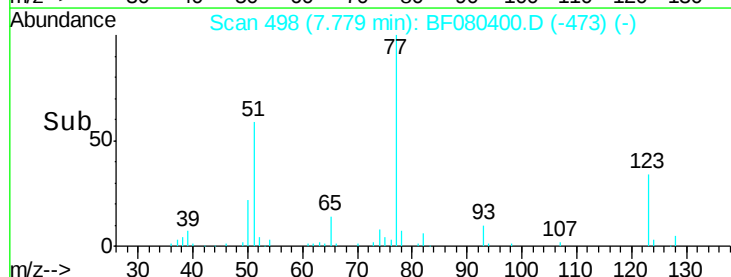
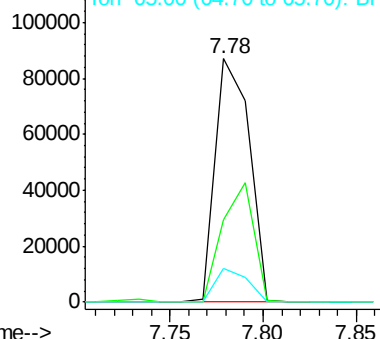
Lab File: BF080400.D

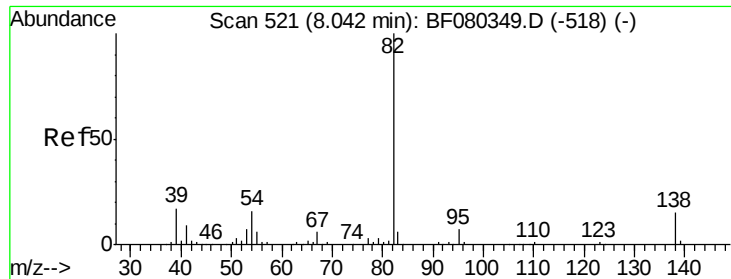
Acq: 8 Jul 2015 21:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 110441 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 33.6  | 29.6  | 44.4   |
| 65        | 13.9  | 11.1  | 16.7   |



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





#25

Isophorone

Concen: 41.00 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

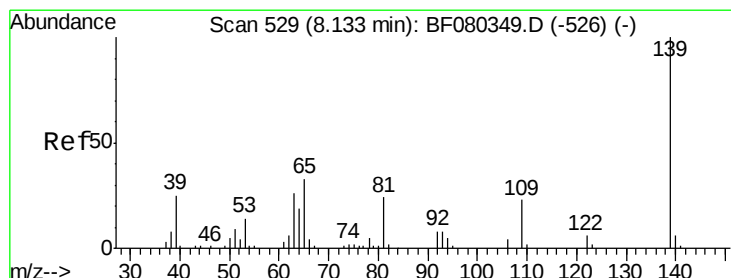
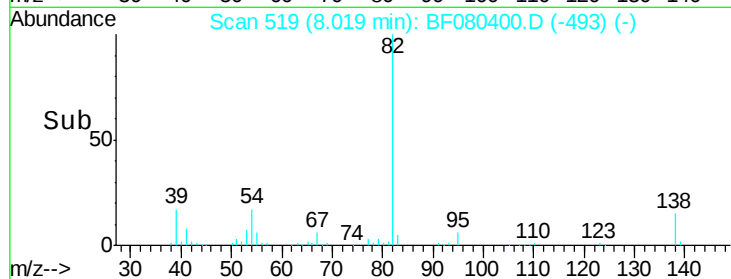
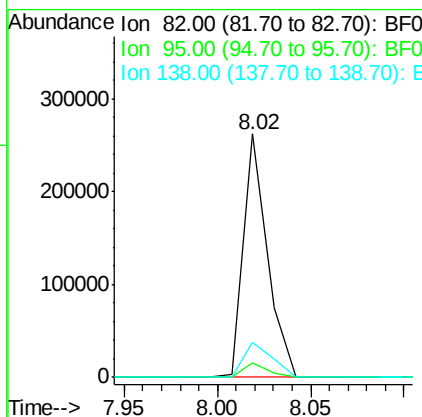
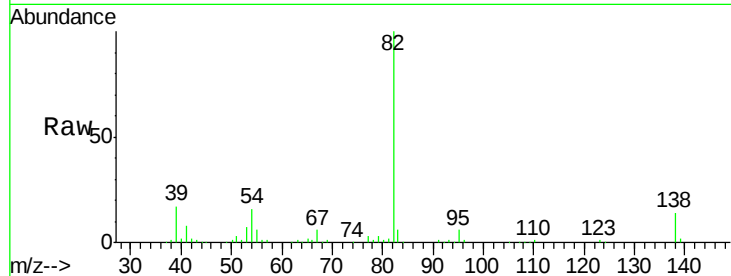
ClientSampleId :

SSTDCCC040EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 234831 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.0  | 5.2   | 7.8    |
| 138       | 14.2 | 12.0  | 18.0   |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM



#26

2-Nitrophenol

Concen: 43.65 ng

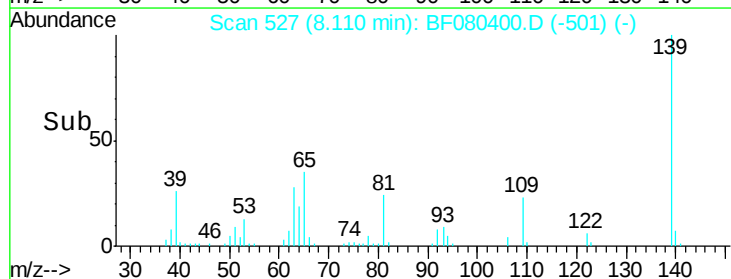
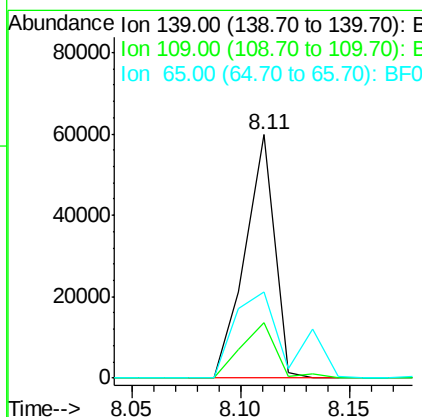
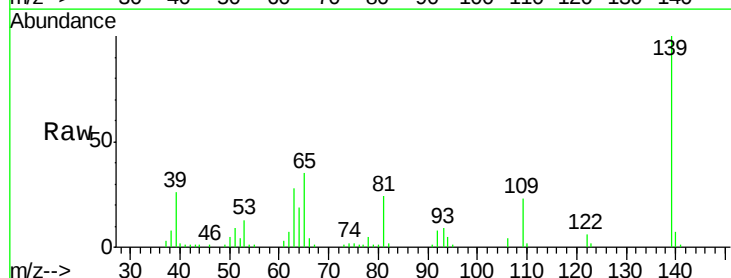
RT: 8.11 min Scan# 527

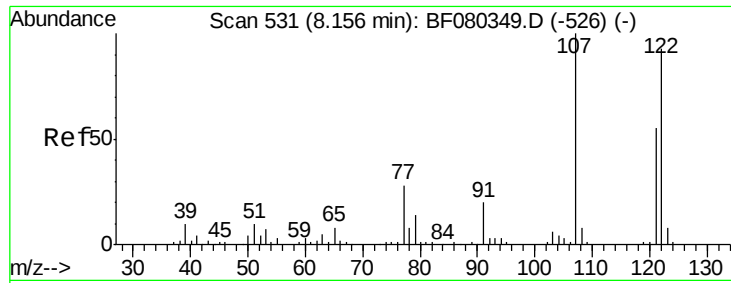
Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 56463 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 22.7 | 18.4  | 27.6  |
| 65        | 35.3 | 26.7  | 40.1  |





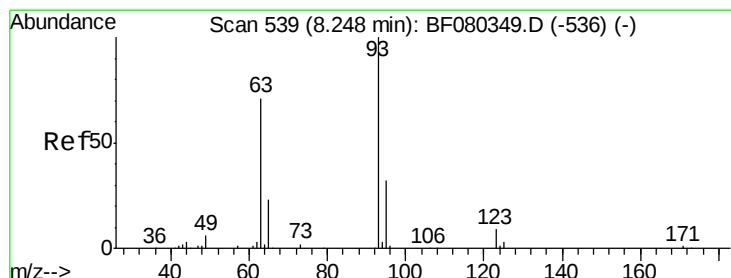
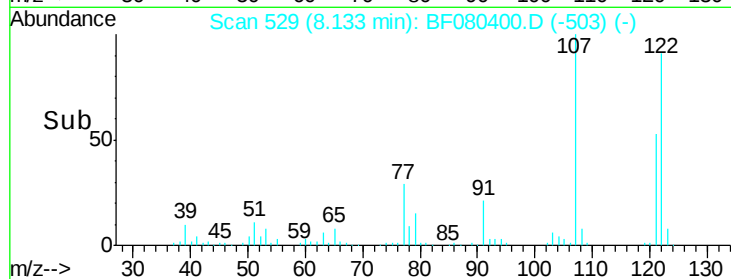
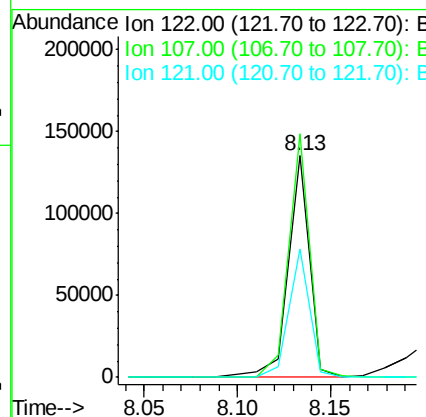
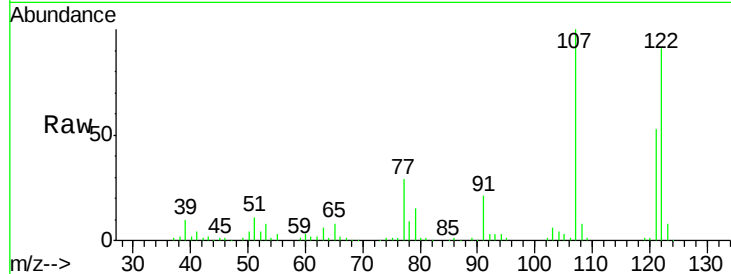
#27  
 2,4-Dimethylphenol  
 Concen: 42.23 ng  
 RT: 8.13 min Scan# 529  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 107488 |       |       |
| 107     | 110.0 | 85.8   | 128.6 |       |
| 121     | 57.9  | 46.9   | 70.3  |       |

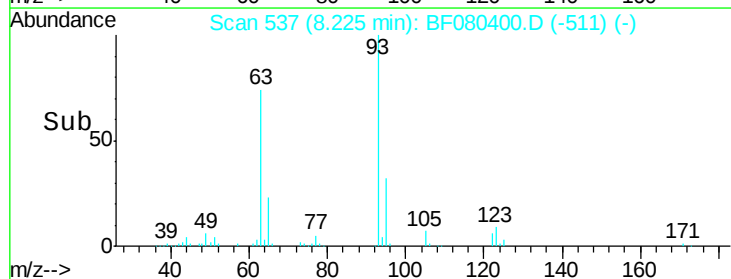
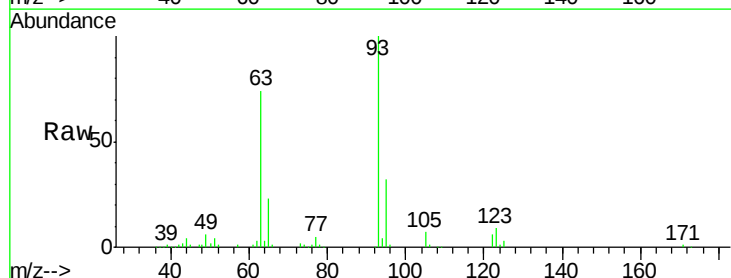
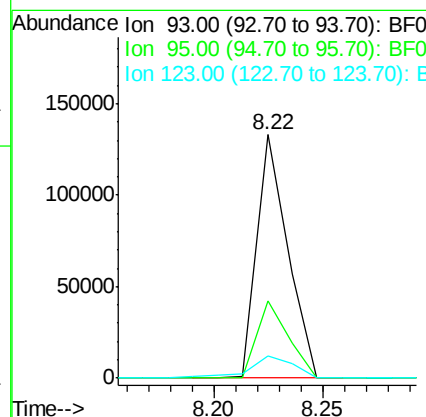
Manual Integrations  
 APPROVED

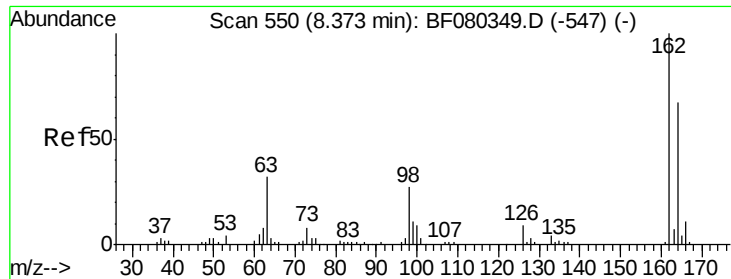
apatel  
 7/9/2015 2:20:04 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.82 ng  
 RT: 8.22 min Scan# 537  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 130991 |       |       |
| 95      | 31.7  | 25.3   | 37.9  |       |
| 123     | 9.2   | 7.8    | 11.6  |       |





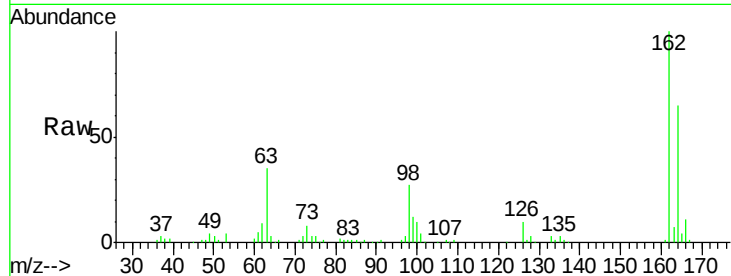
#29  
 2,4-Dichlorophenol  
 Concen: 42.83 ng  
 RT: 8.35 min Scan# 548  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

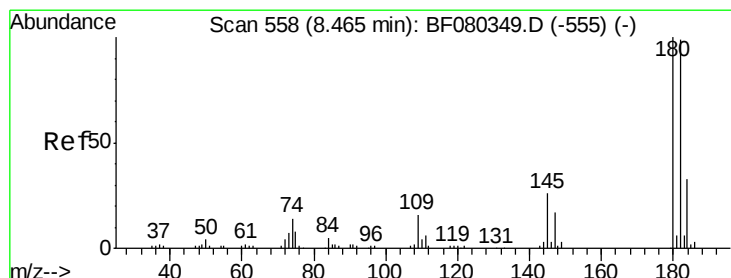
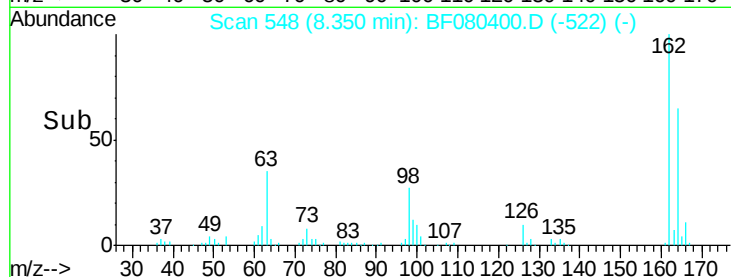
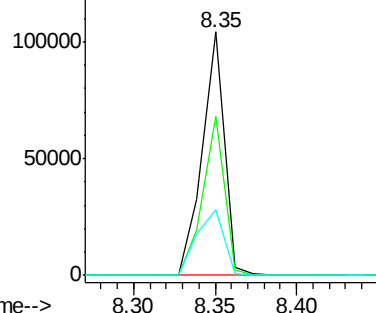
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 65.2  | 47.0       | 87.0       |
| 98      | 26.9  | 6.6        | 46.6       |

Manual Integrations  
 APPROVED

apatel  
 7/9/2015 2:20:04 PM



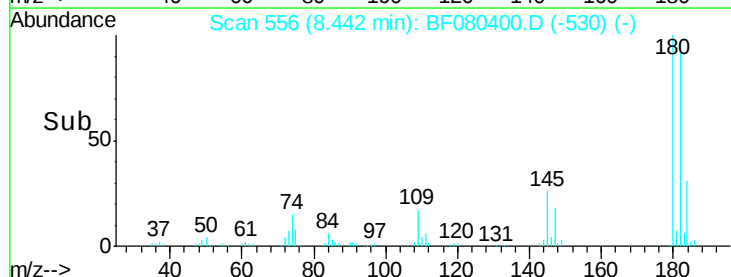
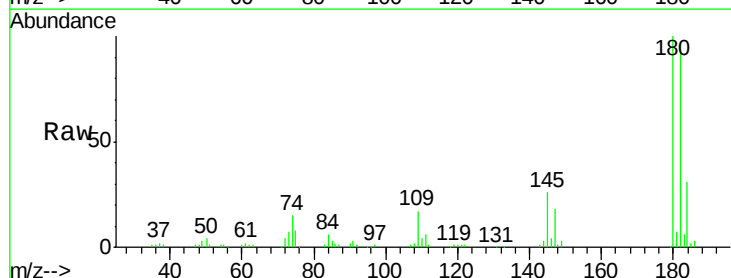
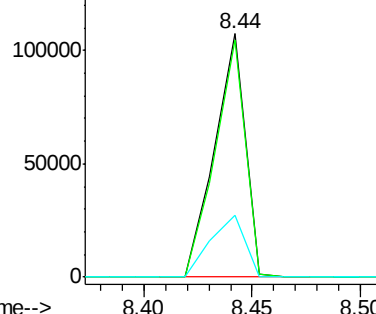
Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

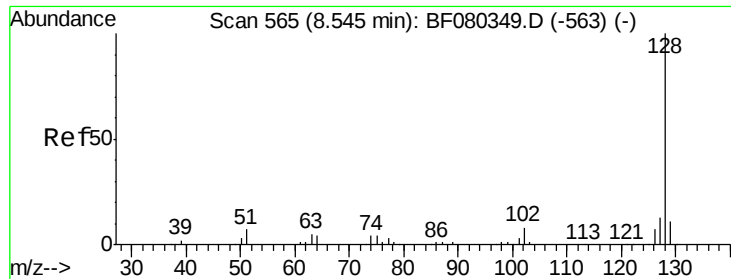


#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.07 ng  
 RT: 8.44 min Scan# 556  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 97.4  | 79.0       | 118.4      |
| 145     | 25.5  | 20.5       | 30.7       |

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





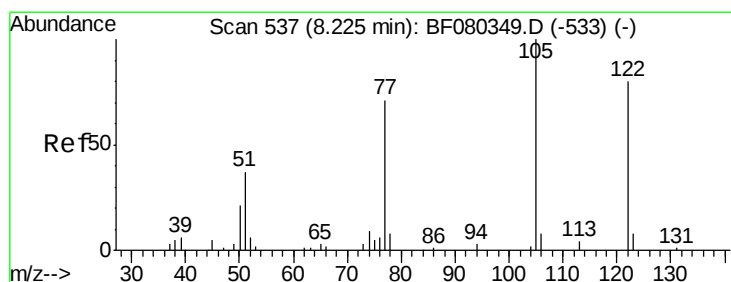
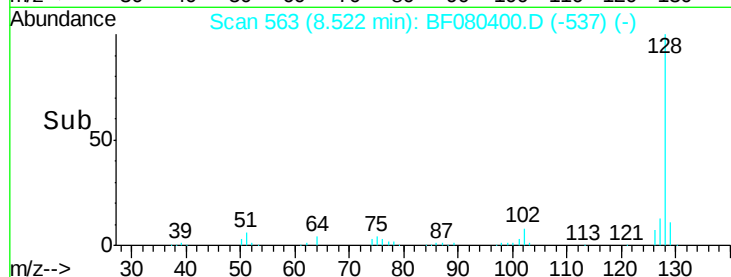
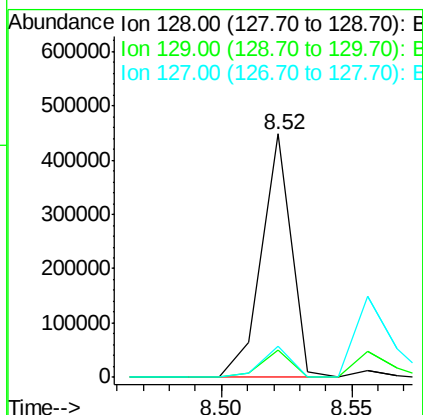
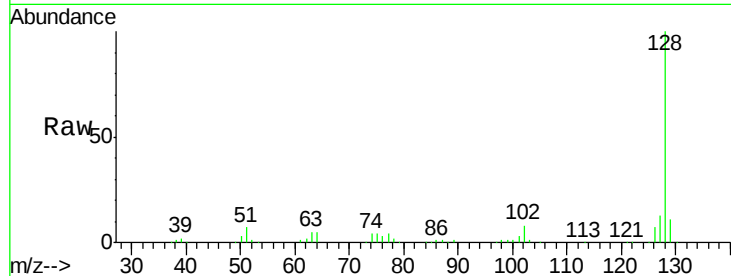
#31  
Naphthalene  
Concen: 40.49 ng  
RT: 8.52 min Scan# 563  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 360459 |       |       |
| 129     | 11.1  | 8.8    | 13.2  |       |
| 127     | 12.9  | 10.4   | 15.6  |       |

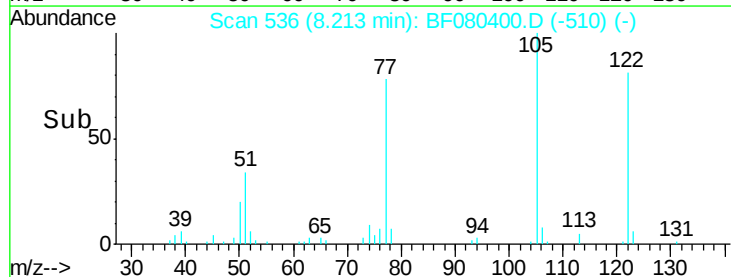
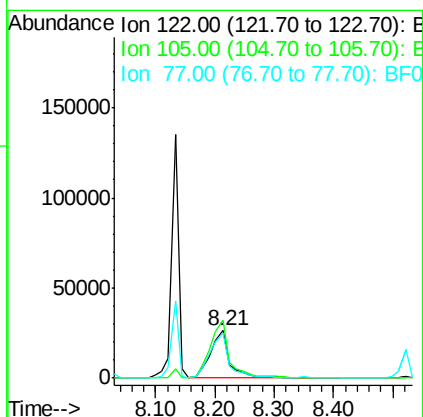
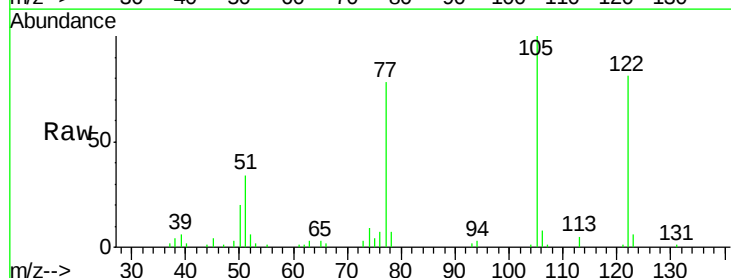
Manual Integrations  
APPROVED

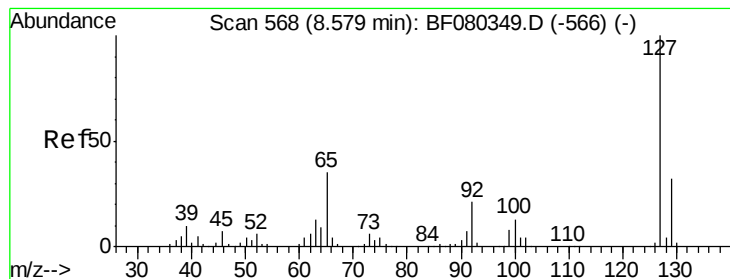
apatel  
7/9/2015 2:20:04 PM



#32  
Benzoic acid  
Concen: 45.14 ng  
RT: 8.21 min Scan# 536  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 60375 |       |       |
| 105     | 123.9 | 102.2 | 142.2 |       |
| 77      | 96.2  | 68.8  | 108.8 |       |





#33

4-Chloroaniline

Concen: 39.38 ng m

RT: 8.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

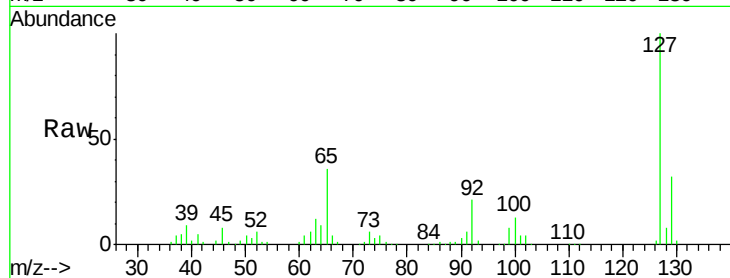
ClientSampleId :

SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 139757 |       |       |
| 129     | 31.6  | 26.2   | 39.2  |       |
| 65      | 36.3  | 28.1   | 42.1  |       |
| 92      | 21.0  | 16.6   | 24.8  |       |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM

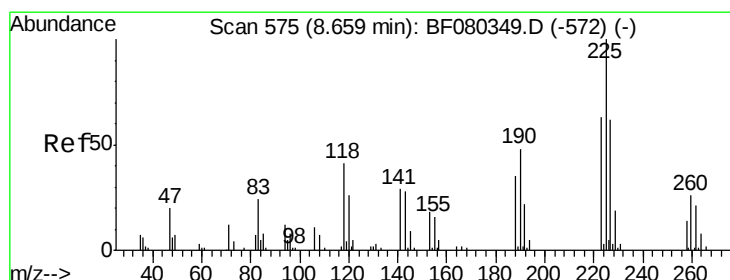
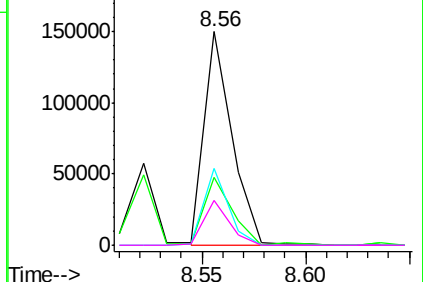
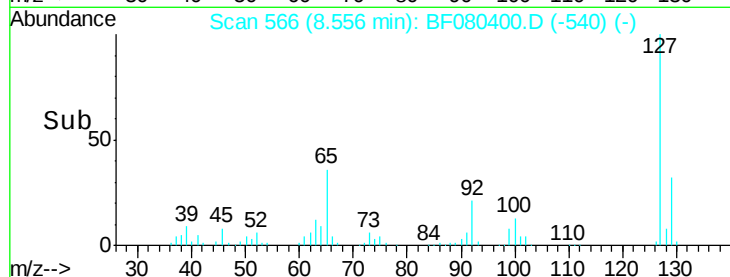


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.46 ng

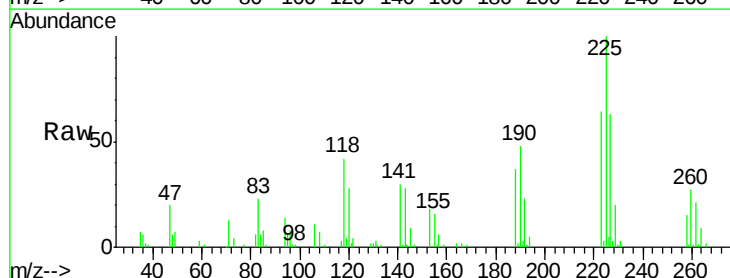
RT: 8.64 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

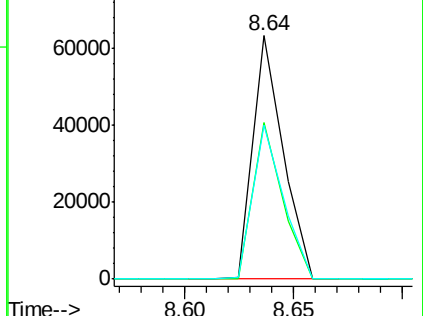
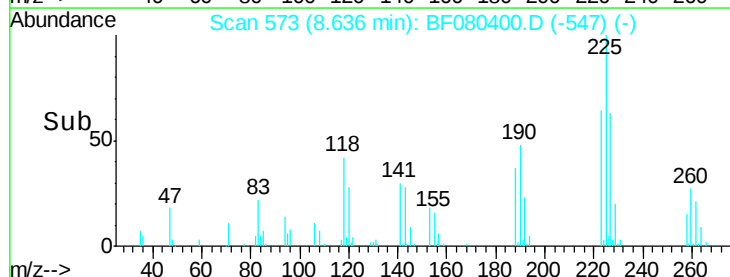
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 61202 |       |       |
| 223     | 64.5  | 50.3  | 75.5  |       |
| 227     | 63.1  | 49.4  | 74.2  |       |

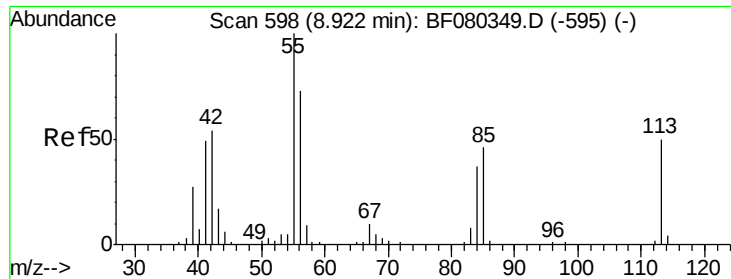


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





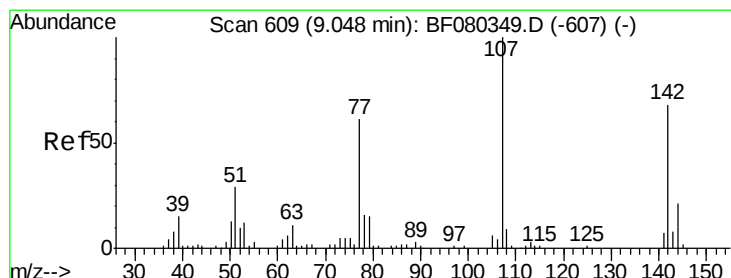
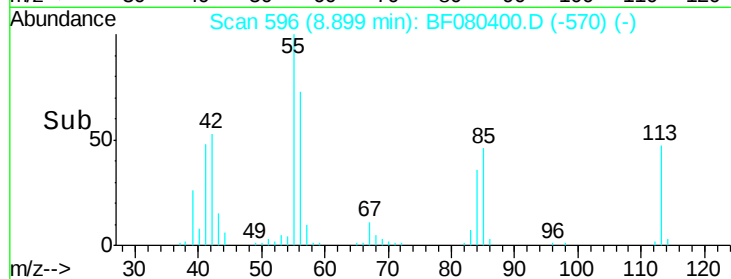
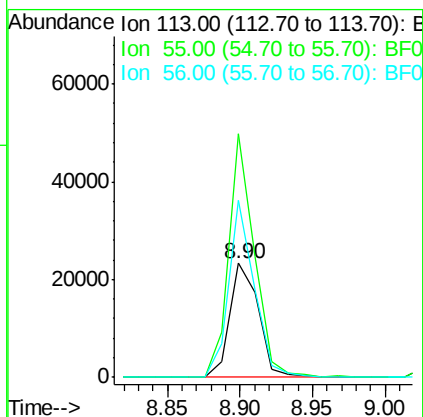
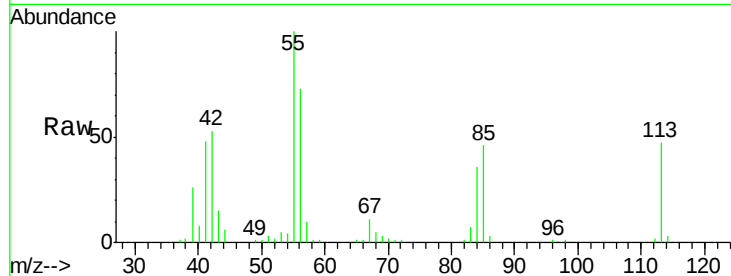
#35  
 Caprolactam  
 Concen: 45.75 ng  
 RT: 8.90 min Scan# 596  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:113 Resp: 31925  
 Ion Ratio Lower Upper  
 113 100  
 55 213.6 181.4 221.4  
 56 155.7 127.3 167.3

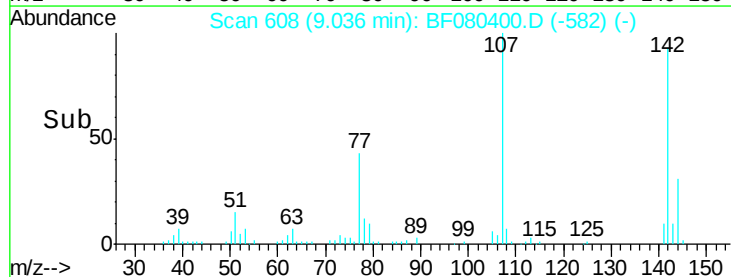
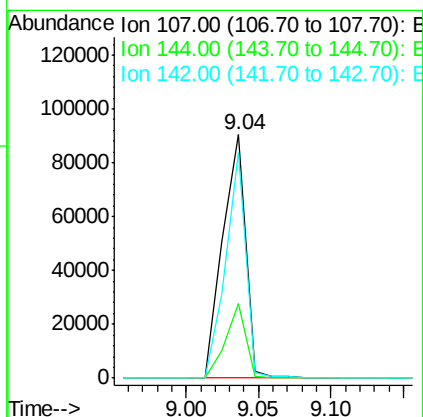
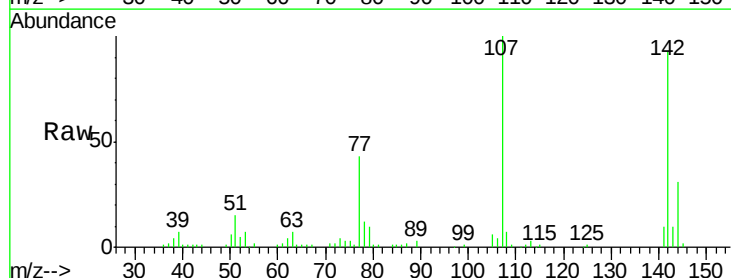
Manual Integrations  
 APPROVED

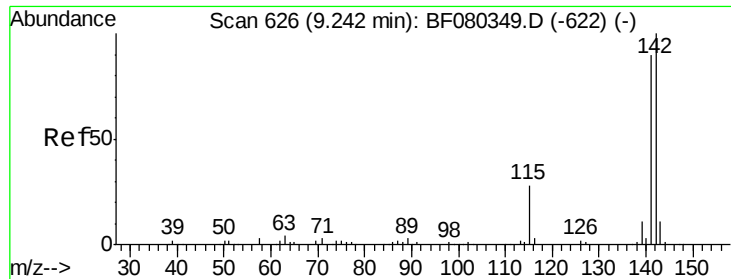
apatel  
 7/9/2015 2:20:04 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.61 ng  
 RT: 9.04 min Scan# 608  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Tgt Ion:107 Resp: 99349  
 Ion Ratio Lower Upper  
 107 100  
 144 30.7 16.7 25.1#  
 142 92.7 54.4 81.6#





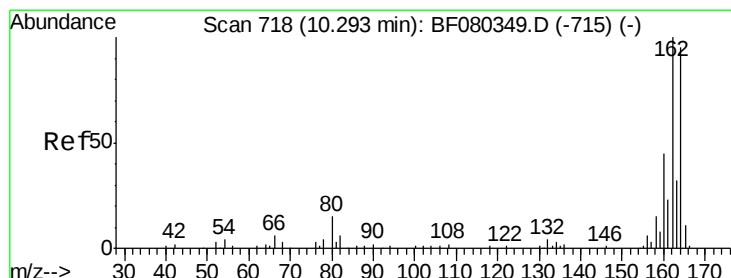
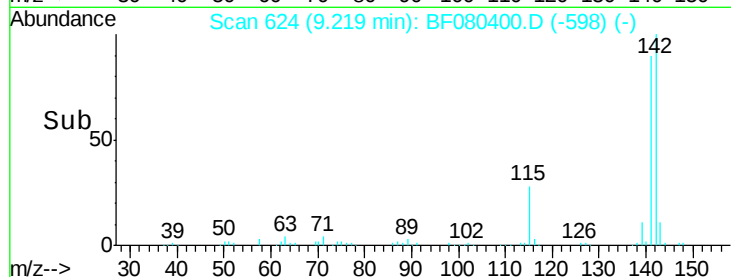
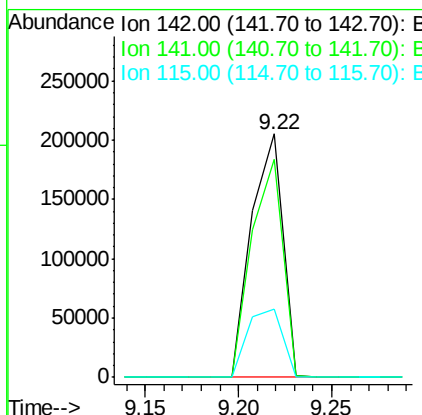
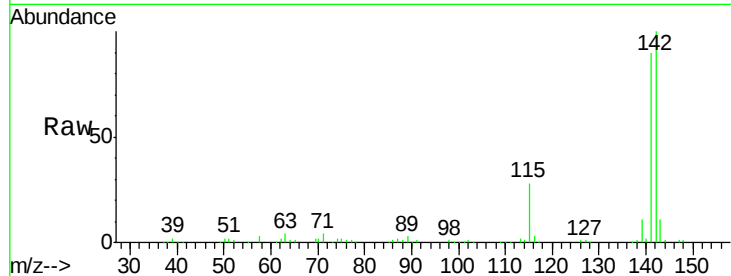
#37  
2-Methylnaphthalene  
Concen: 42.10 ng  
RT: 9.22 min Scan# 624  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 238969 |       |       |
| 141     | 89.8  | 71.8   | 107.8 |       |
| 115     | 28.0  | 22.6   | 34.0  |       |

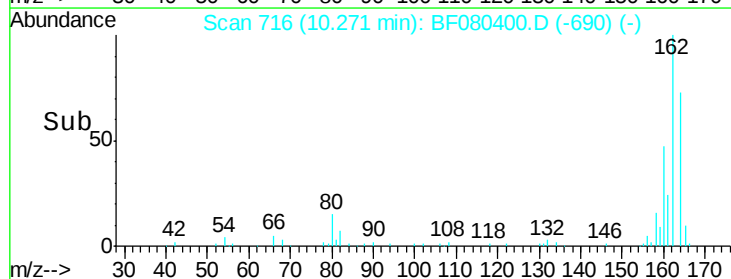
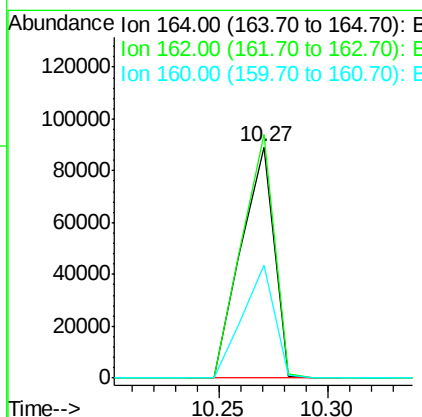
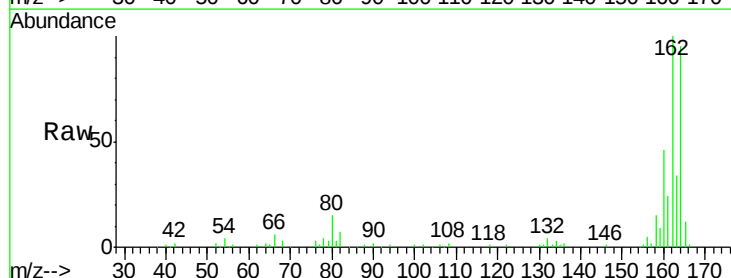
Manual Integrations  
APPROVED

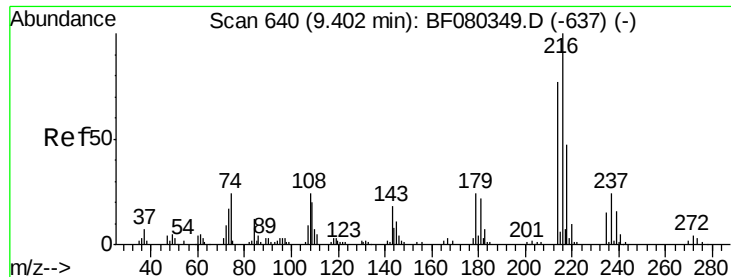
apatel  
7/9/2015 2:20:04 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.27 min Scan# 716  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 93620 |       |       |
| 162     | 105.4 | 84.5  | 126.7 |       |
| 160     | 48.7  | 37.7  | 56.5  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.30 ng

RT: 9.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

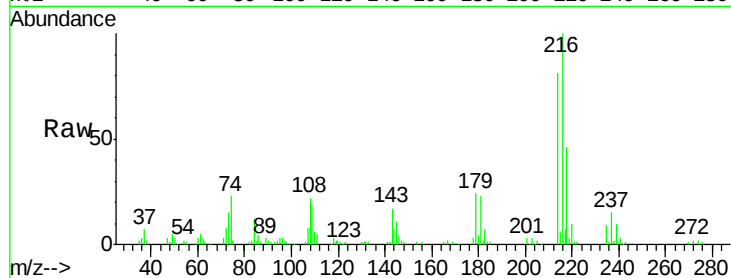
ClientSampleId :

SSTDCCC040EC

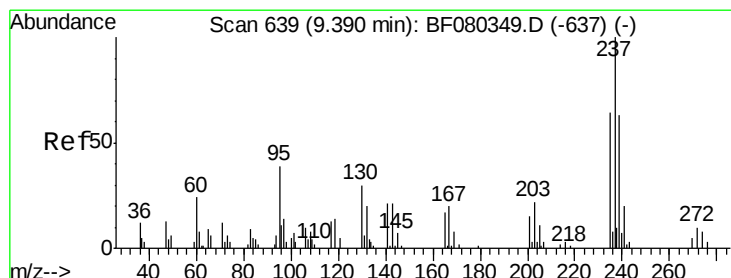
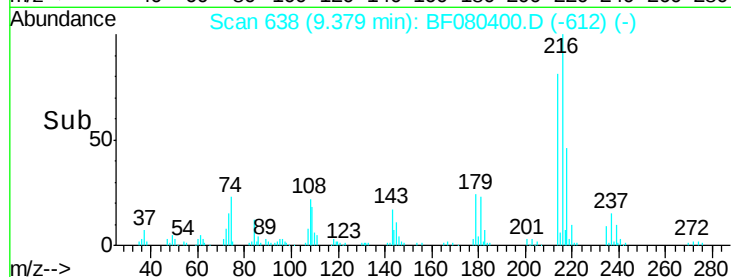
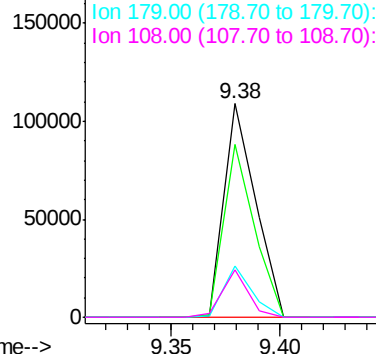
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 110661 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 77.7  | 61.2  | 91.8   |
| 179       | 21.5  | 16.9  | 25.3   |
| 108       | 18.6  | 16.2  | 24.4   |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM



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



#40

Hexachlorocyclopentadiene

Concen: 26.09 ng

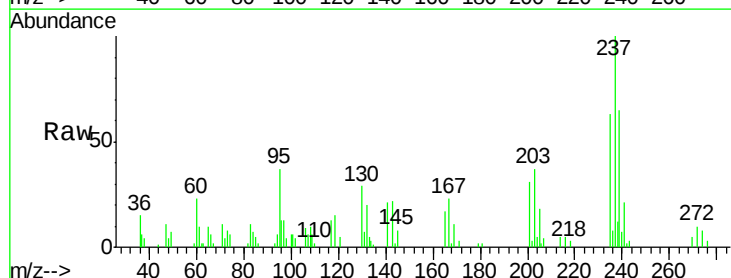
RT: 9.37 min Scan# 637

Delta R.T. -0.01 min

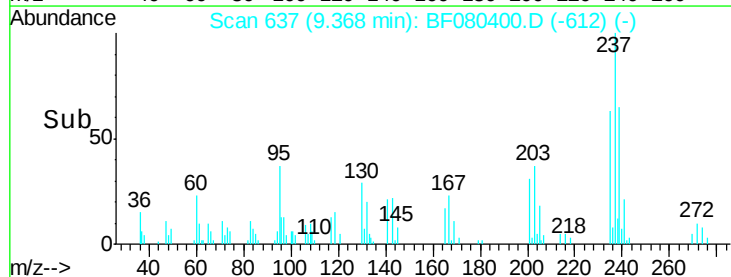
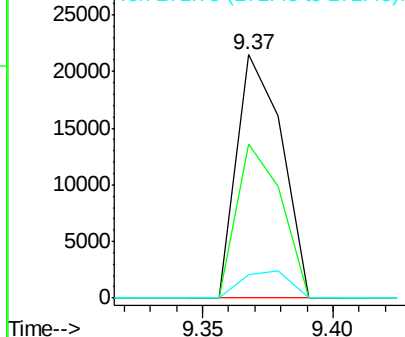
Lab File: BF080400.D

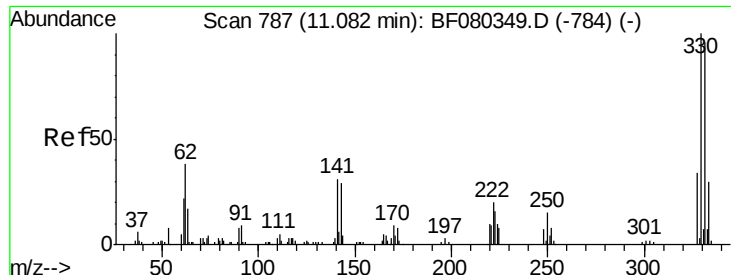
Acq: 8 Jul 2015 21:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 25748 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.3  | 44.2  | 84.2  |
| 272       | 9.8   | 0.0   | 29.7  |



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





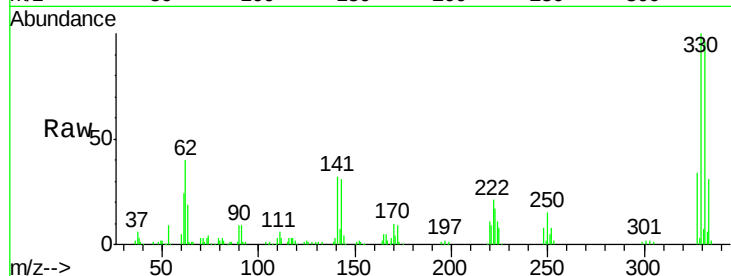
#41  
 2,4,6-Tribromophenol  
 Concen: 84.75 ng  
 RT: 11.06 min Scan# 785  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

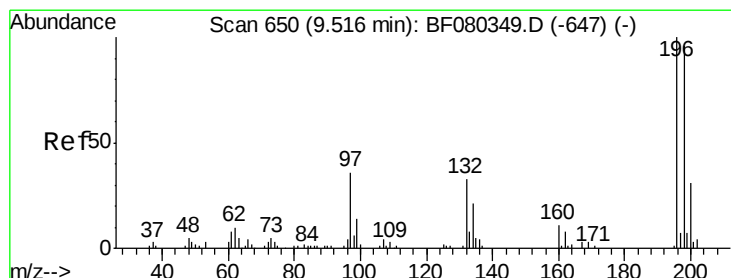
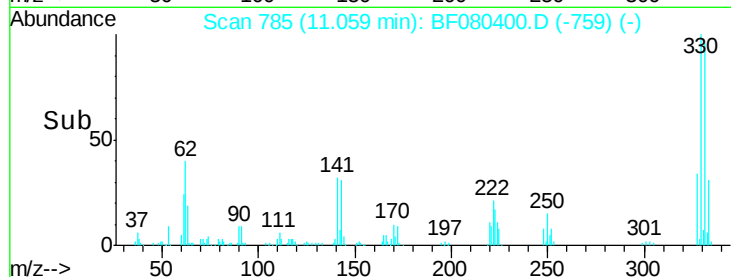
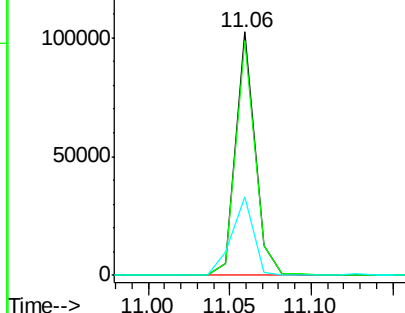
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 83025 |       |       |
| 332     | 96.7  | 77.0  | 115.4 |       |
| 141     | 36.0  | 29.6  | 44.4  |       |

Manual Integrations  
 APPROVED

apatel  
 7/9/2015 2:20:04 PM

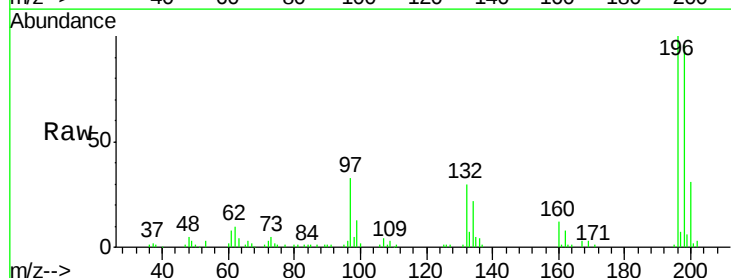


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

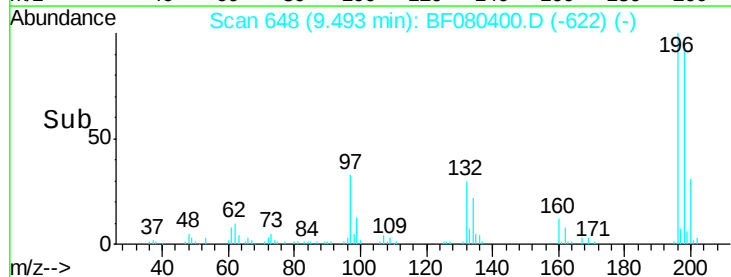
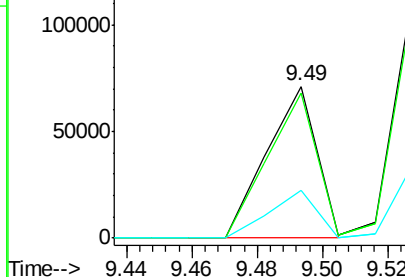


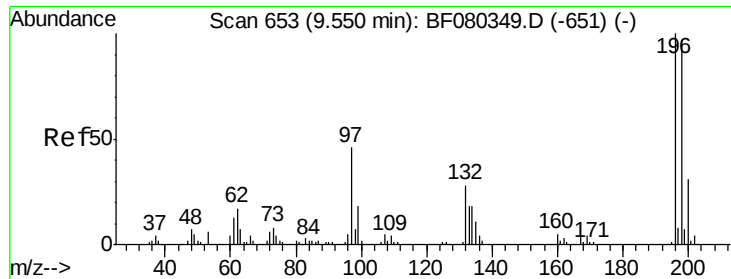
#42  
 2,4,6-Trichlorophenol  
 Concen: 38.79 ng  
 RT: 9.49 min Scan# 648  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 75816 |       |       |
| 198     | 95.8  | 76.4  | 114.6 |       |
| 200     | 31.3  | 24.6  | 37.0  |       |



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





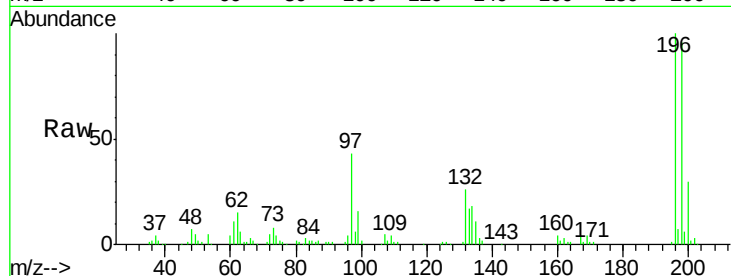
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.12 ng  
 RT: 9.53 min Scan# 651  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

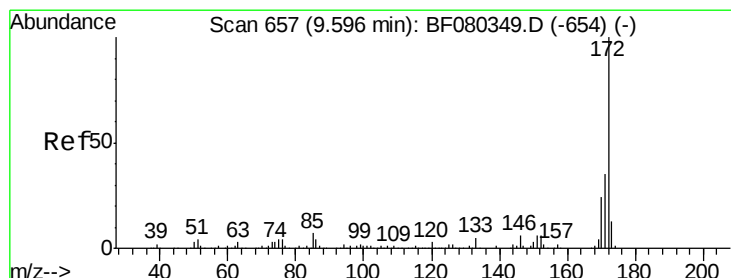
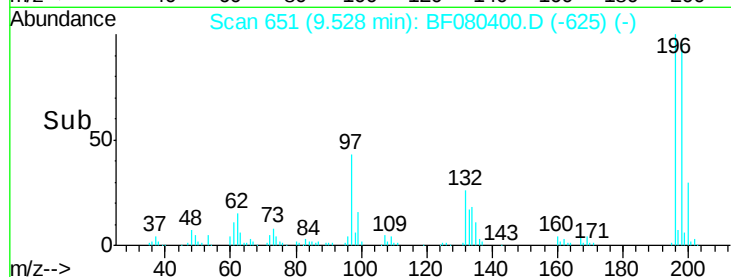
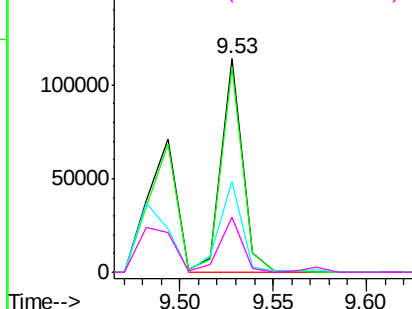
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 91410 |       |       |
| 198     | 95.7  | 77.2  | 115.8 |       |
| 97      | 42.6  | 37.0  | 55.6  |       |
| 132     | 25.8  | 22.2  | 33.2  |       |

Manual Integrations  
 APPROVED

apatel  
 7/9/2015 2:20:04 PM

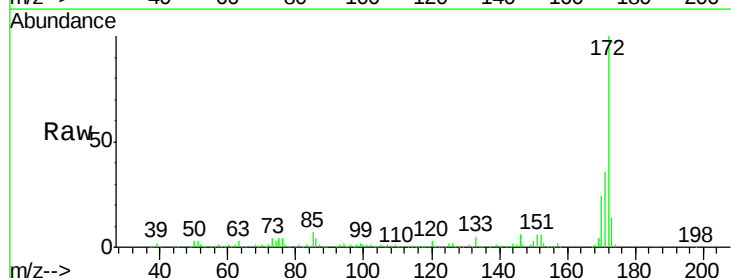


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

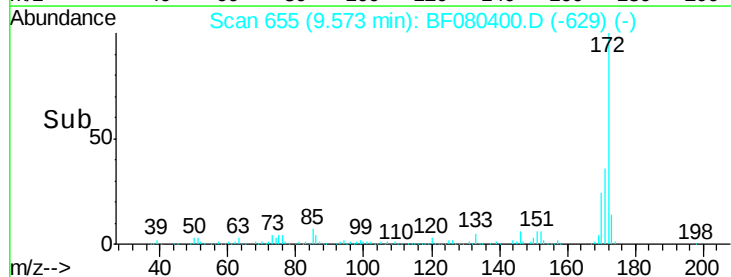
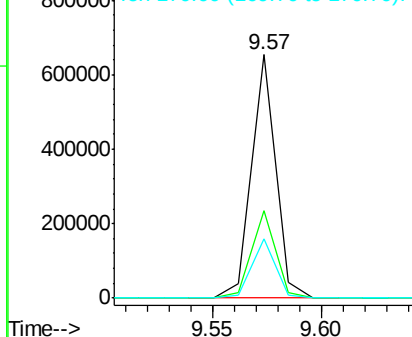


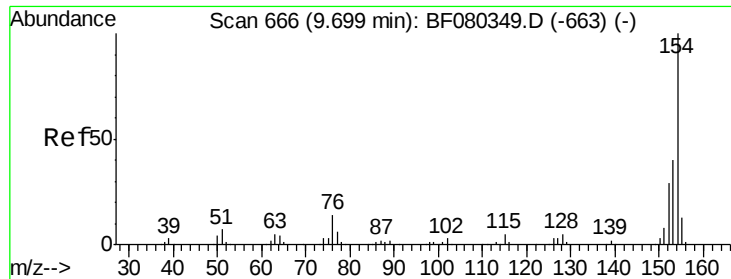
#44  
 2-Fluorobiphenyl  
 Concen: 72.82 ng  
 RT: 9.57 min Scan# 655  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 505172 |       |       |
| 171     | 35.7  | 28.3   | 42.5  |       |
| 170     | 24.4  | 19.1   | 28.7  |       |



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: 38.98 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF080400.D

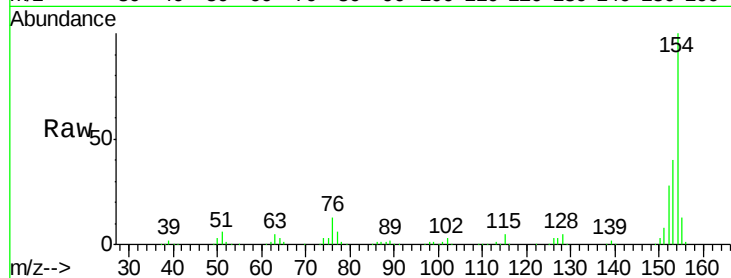
Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

ClientSampleId :

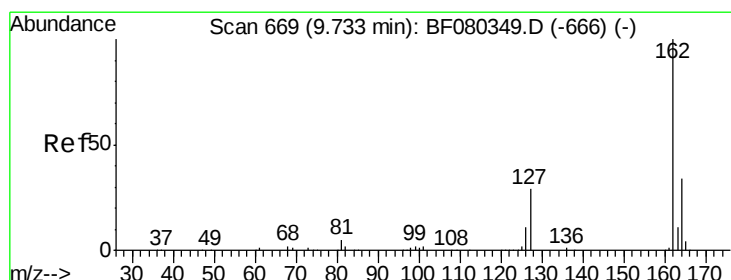
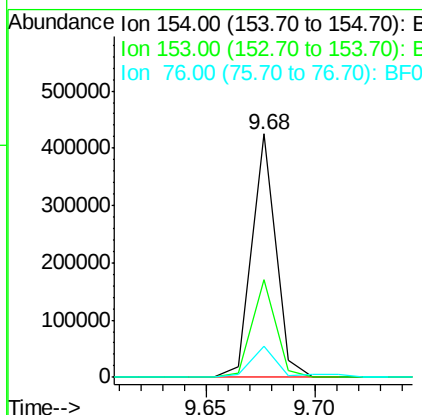
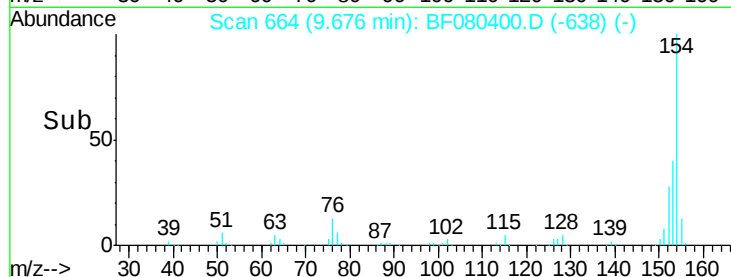
SSTDCCC040EC



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 323887 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.2  | 19.8  | 59.8   |
| 76        | 12.9  | 0.0   | 33.6   |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM



#46

2-Chloronaphthalene

Concen: 39.10 ng

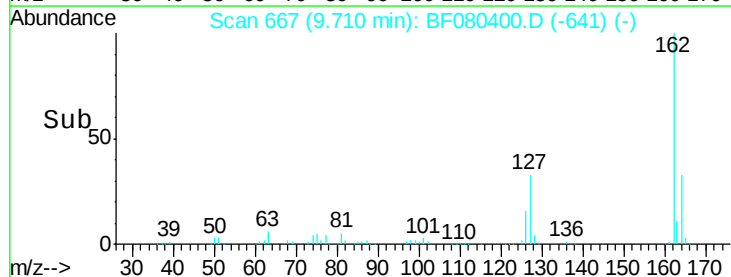
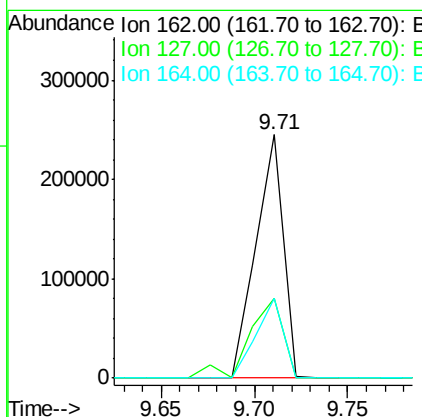
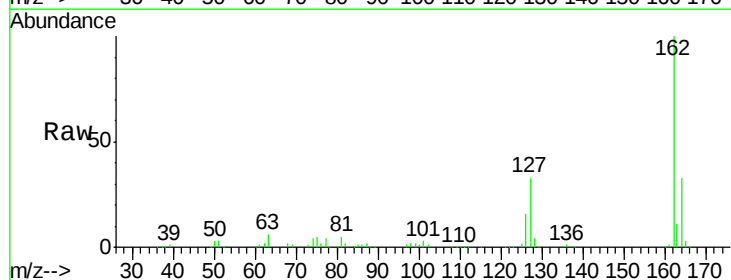
RT: 9.71 min Scan# 667

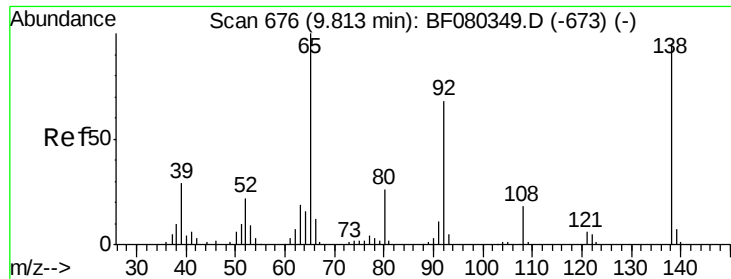
Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 247763 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 32.7  | 27.3  | 40.9   |
| 164       | 32.7  | 27.2  | 40.8   |





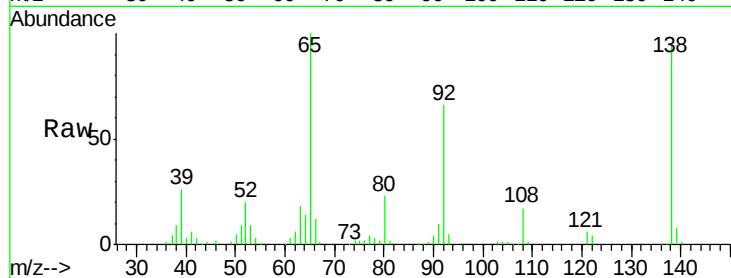
#47  
 2-Nitroaniline  
 Concen: 43.90 ng  
 RT: 9.79 min Scan# 674  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

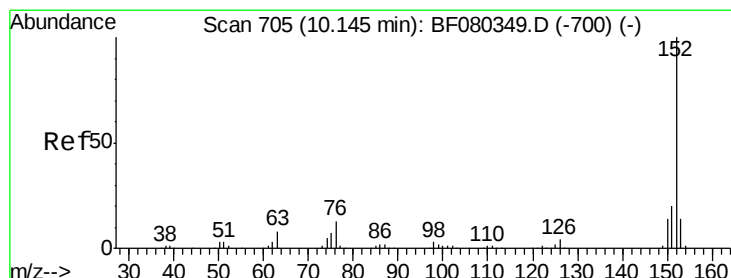
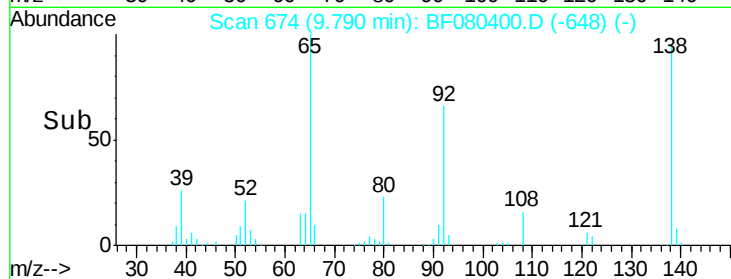
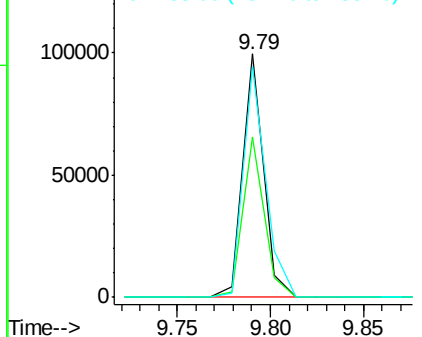
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.1  | 54.2  | 81.2  |
| 138     | 94.6  | 76.1  | 114.1 |

Manual Integrations  
 APPROVED

apatel  
 7/9/2015 2:20:04 PM

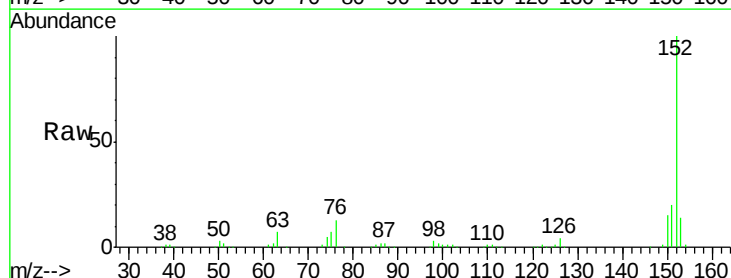


Abundance Ion 65.00 (64.70 to 65.70): BF0  
 Ion 92.00 (91.70 to 92.70): BF0  
 Ion 138.00 (137.70 to 138.70): BF0

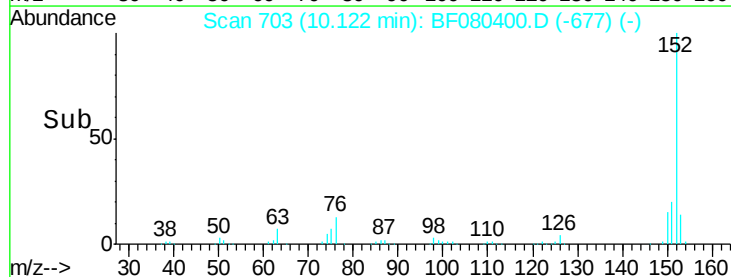
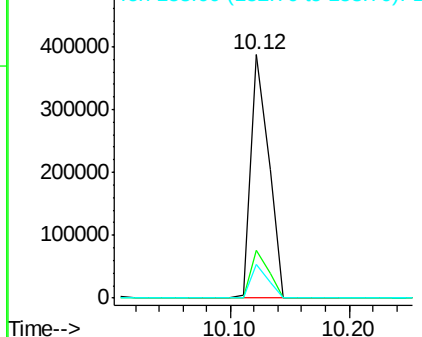


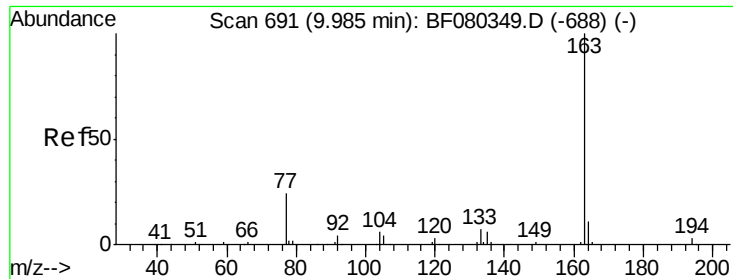
#48  
 Acenaphthylene  
 Concen: 39.02 ng  
 RT: 10.12 min Scan# 703  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.9  | 16.3  | 24.5  |
| 153     | 13.7  | 11.0  | 16.4  |



Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 151.00 (150.70 to 151.70): E  
 Ion 153.00 (152.70 to 153.70): E





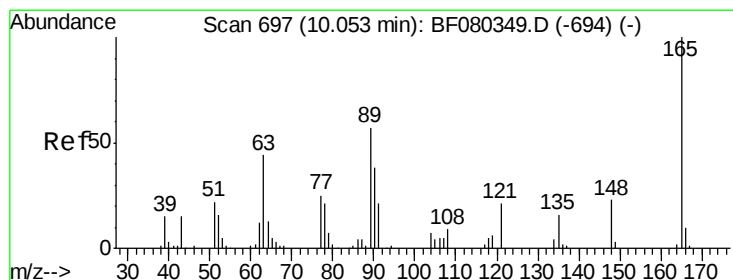
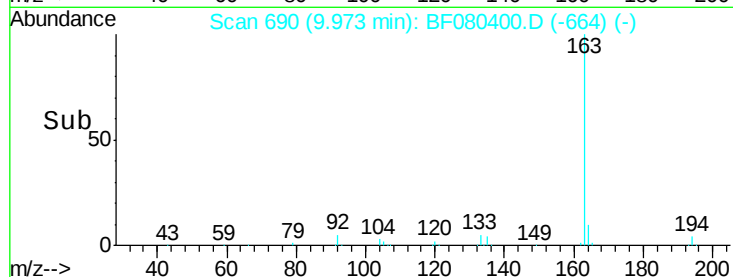
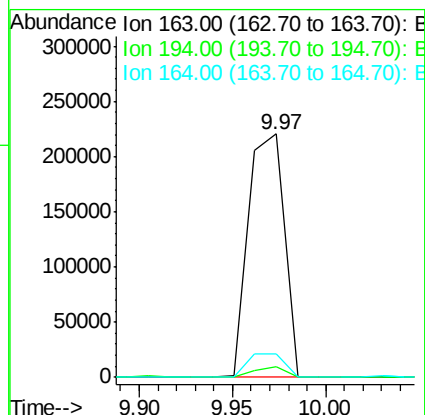
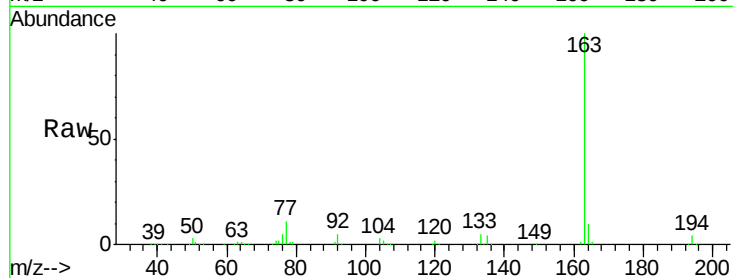
#49  
Dimethylphthalate  
Concen: 39.05 ng  
RT: 9.97 min Scan# 690  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 4.3   | 2.6        | 3.8#       |
| 164     | 9.6   | 8.5        | 12.7       |

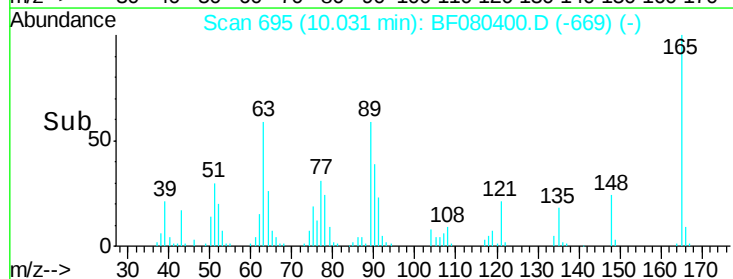
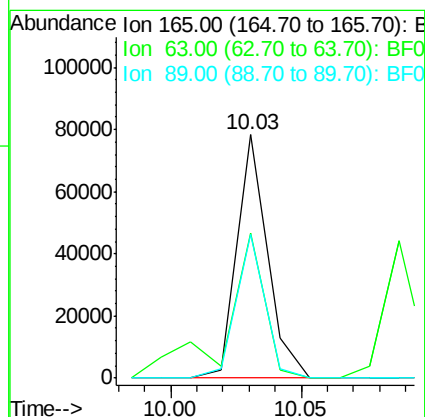
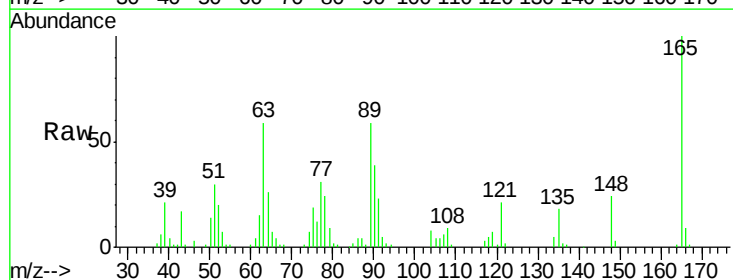
Manual Integrations  
APPROVED

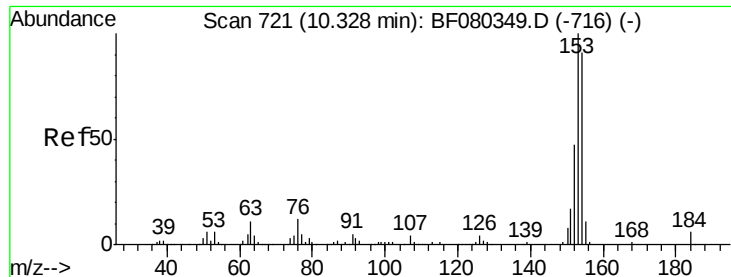
apatel  
7/9/2015 2:20:04 PM



#50  
2,6-Dinitrotoluene  
Concen: 40.83 ng  
RT: 10.03 min Scan# 695  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 59.4  | 44.8       | 67.2       |
| 89      | 59.0  | 45.9       | 68.9       |





#51

Acenaphthene

Concen: 40.24 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF080400.D

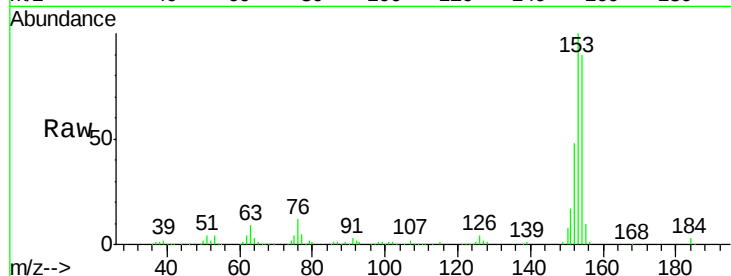
Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

ClientSampleId :

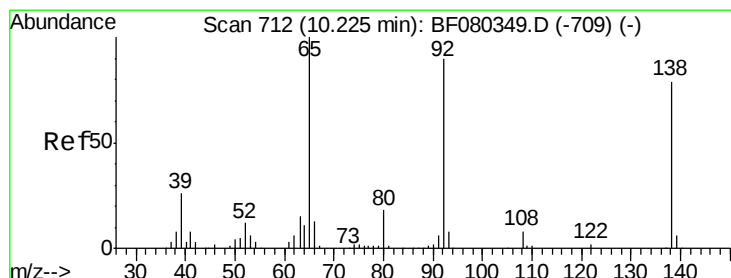
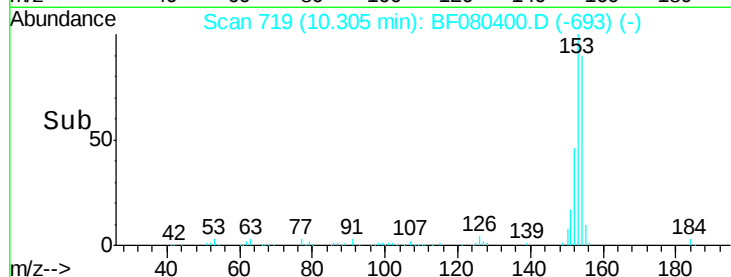
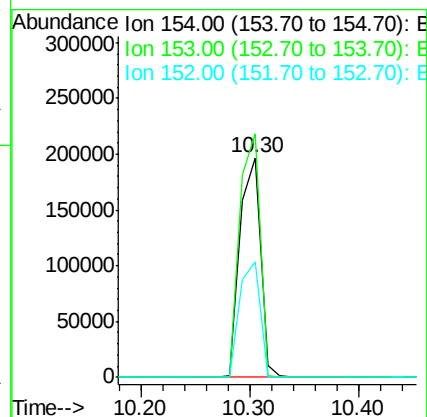
SSTDCCC040EC



| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 111.0 | 88.1 | 132.1 |       |
| 152     | 52.8  | 41.8 | 62.6  |       |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM



#52

3-Nitroaniline

Concen: 41.89 ng

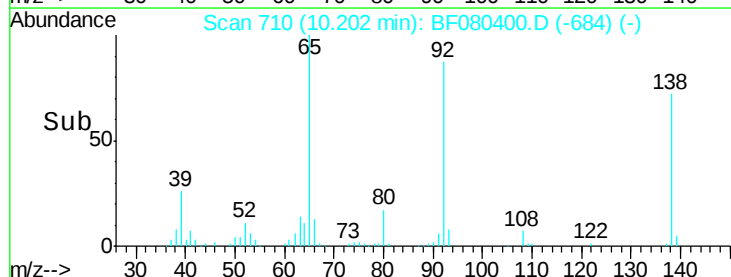
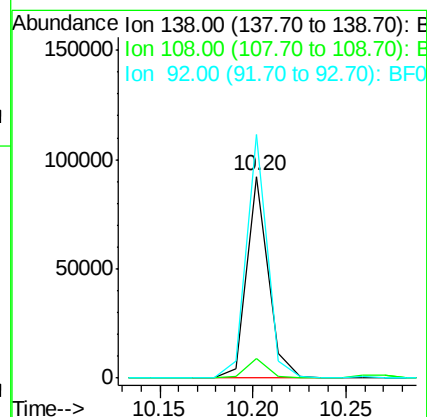
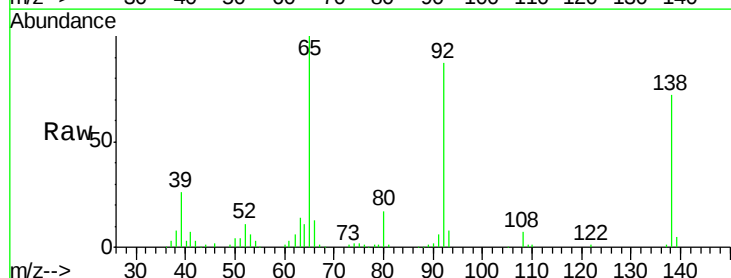
RT: 10.20 min Scan# 710

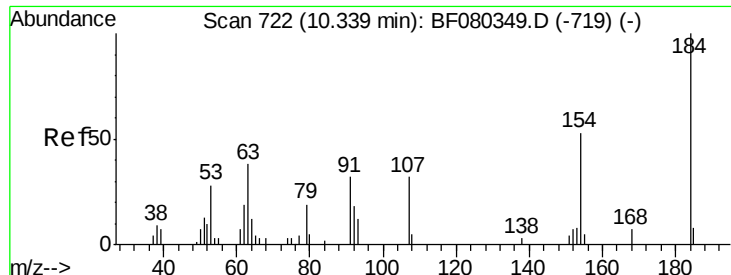
Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 108     | 9.8   | 7.8  | 11.8  |       |
| 92      | 120.9 | 91.0 | 136.6 |       |





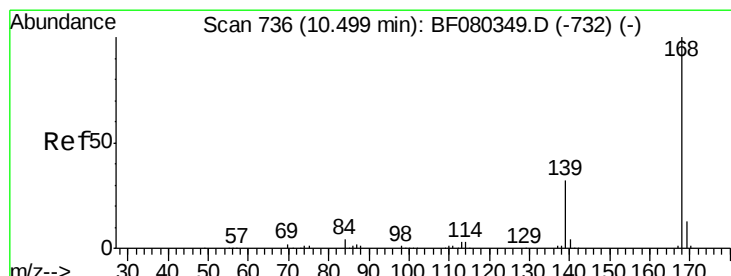
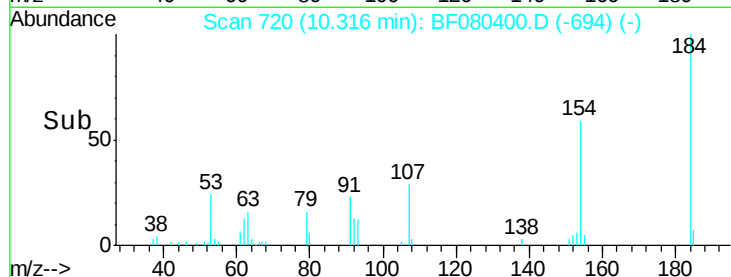
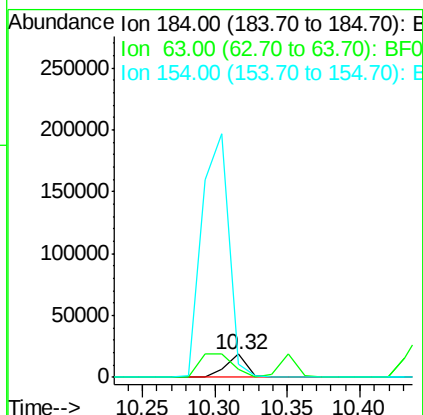
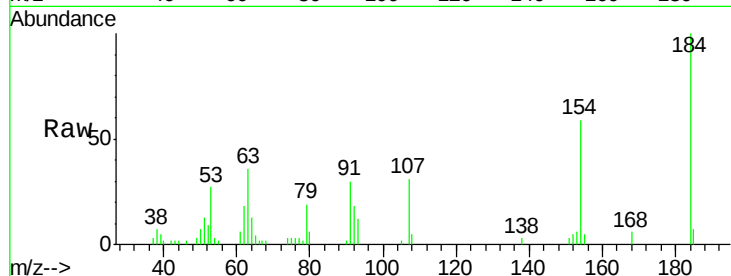
#53  
 2,4-Dinitrophenol  
 Concen: 33.43 ng  
 RT: 10.32 min Scan# 720  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 19488 |       |       |
| 63      | 35.8  | 30.6  | 46.0  |       |
| 154     | 59.0  | 45.3  | 67.9  |       |

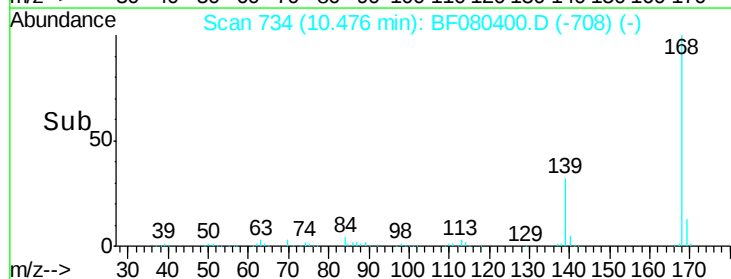
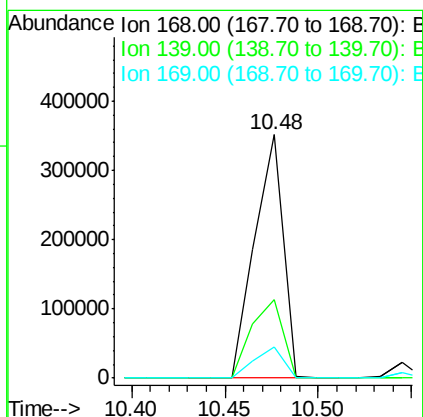
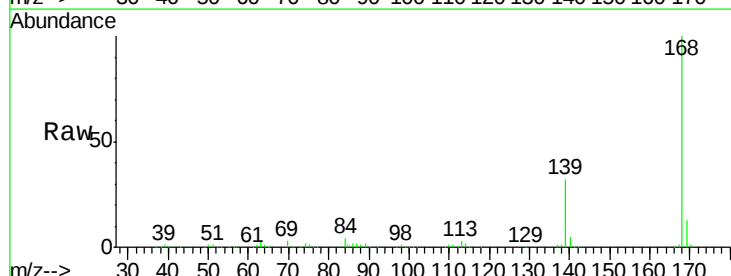
Manual Integrations  
 APPROVED

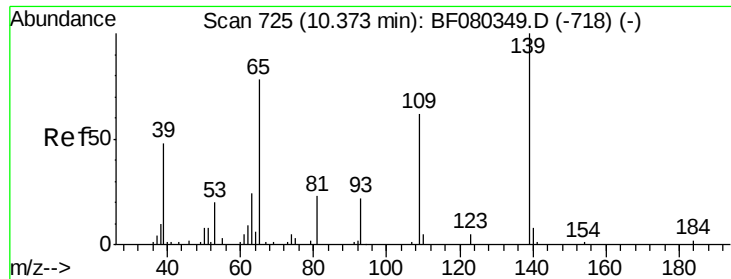
apatel  
 7/9/2015 2:20:04 PM



#54  
 Dibenzofuran  
 Concen: 41.28 ng  
 RT: 10.48 min Scan# 734  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 370533 |       |       |
| 139     | 32.2  | 25.9   | 38.9  |       |
| 169     | 13.0  | 10.3   | 15.5  |       |





#55

4-Nitrophenol

Concen: 45.48 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

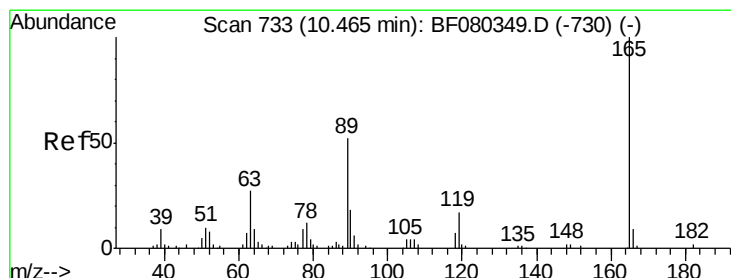
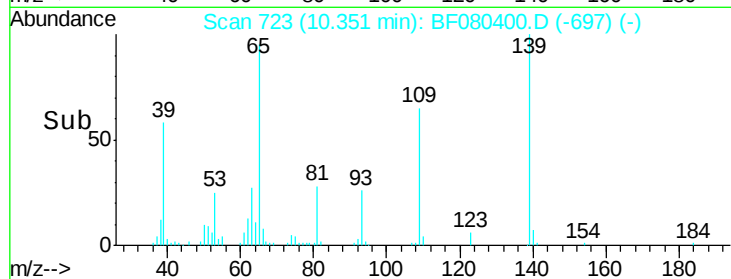
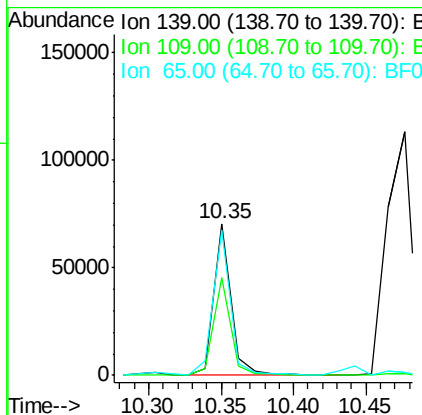
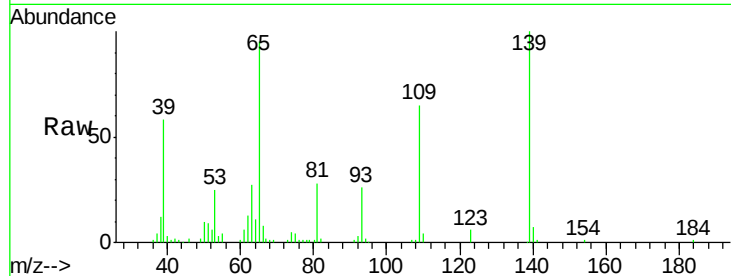
ClientSampleId :

SSTDCCC040EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 59025 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 64.6  | 42.3  | 82.3  |
| 65        | 95.4  | 58.5  | 98.5  |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM



#56

2,4-Dinitrotoluene

Concen: 46.06 ng

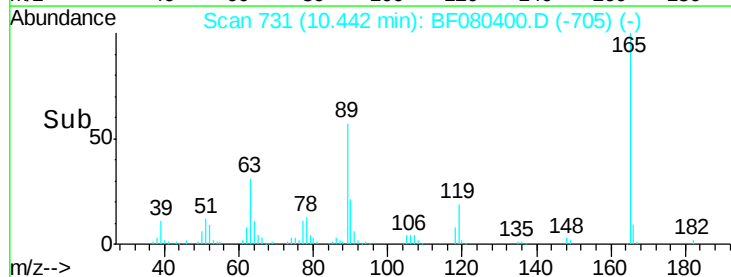
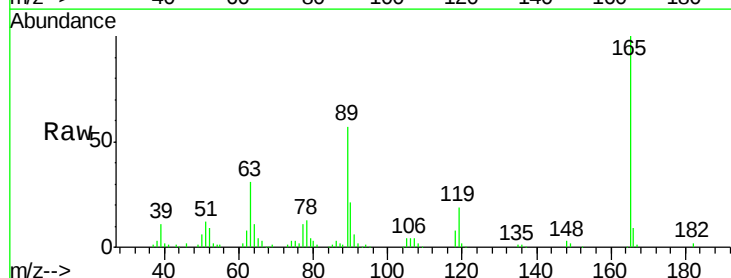
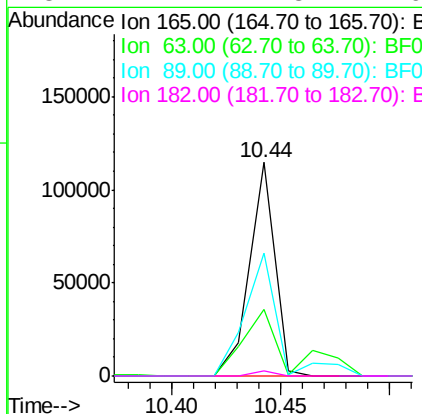
RT: 10.44 min Scan# 731

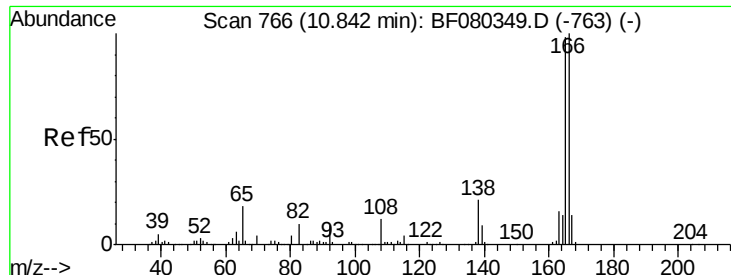
Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 93079 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 31.4  | 21.8  | 32.8  |
| 89        | 57.3  | 41.3  | 61.9  |
| 182       | 2.2   | 1.8   | 2.6   |





#57

Fluorene

Concen: 40.54 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF080400.D

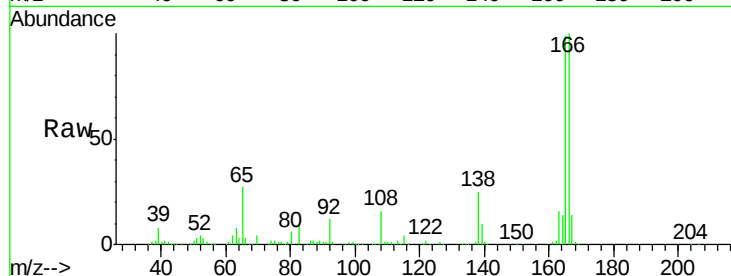
Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

ClientSampleId :

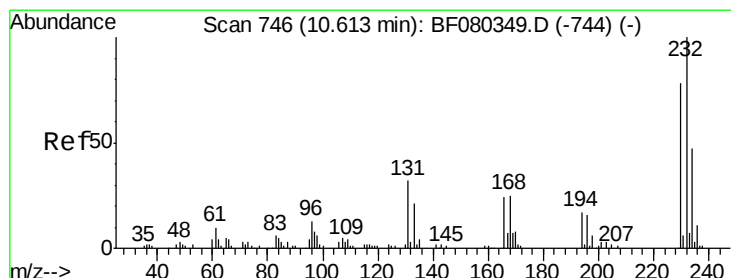
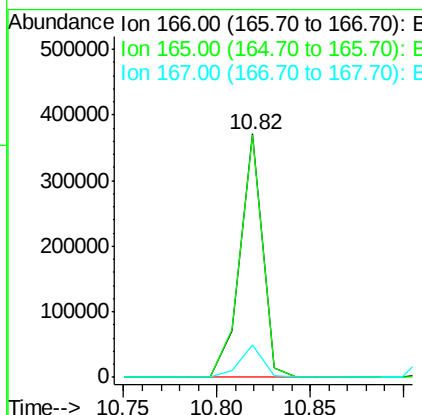
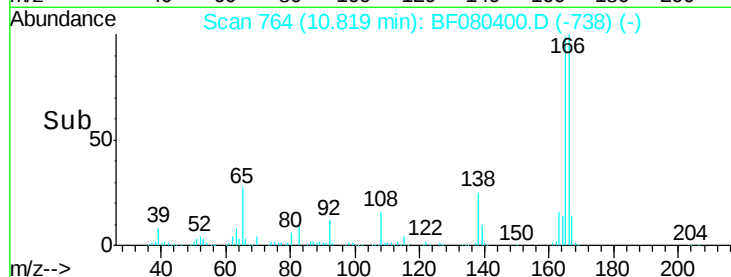
SSTDCCC040EC



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 313346 |       |       |
| 165     | 99.4  | 78.6   | 117.8 |       |
| 167     | 13.5  | 10.8   | 16.2  |       |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.95 ng

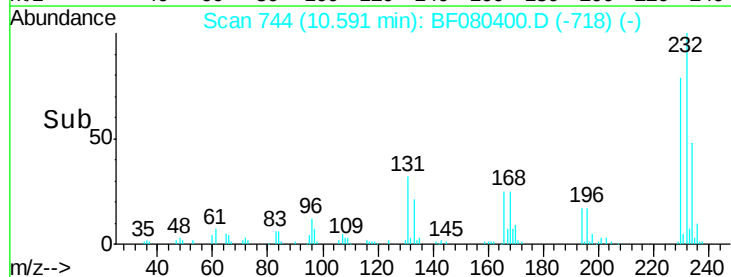
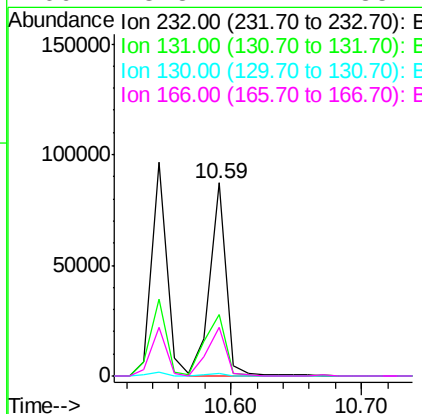
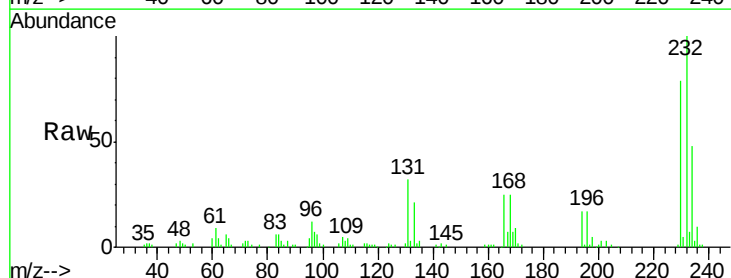
RT: 10.59 min Scan# 744

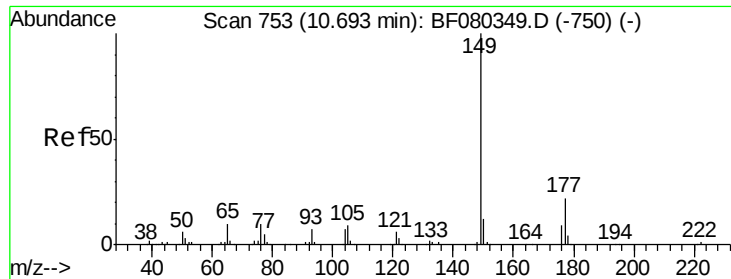
Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 76555 |       |       |
| 131     | 40.4  | 33.4  | 50.2  |       |
| 130     | 1.9   | 1.8   | 2.6   |       |
| 166     | 28.8  | 22.1  | 33.1  |       |





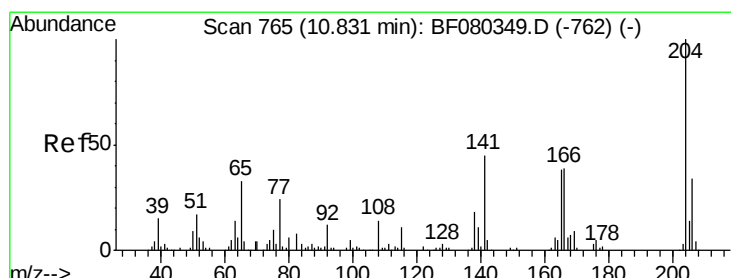
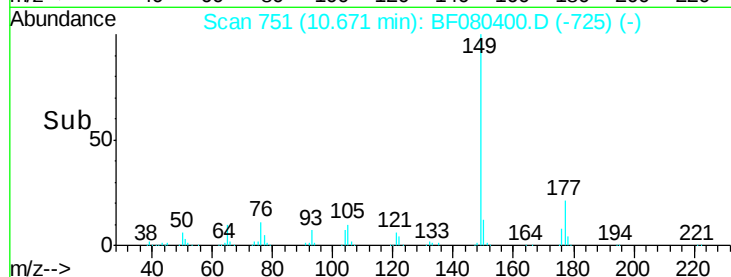
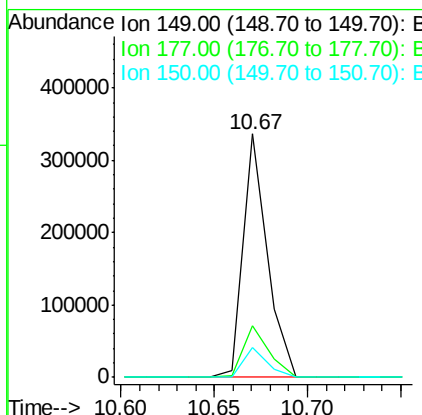
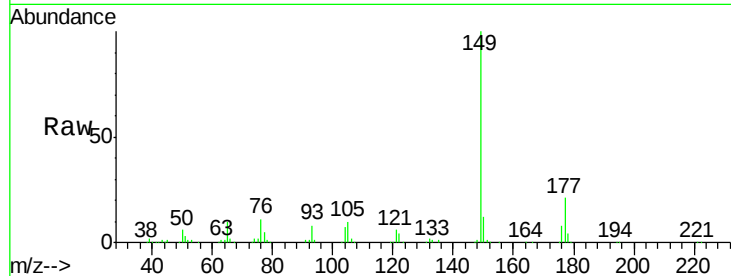
#59  
Diethylphthalate  
Concen: 40.23 ng  
RT: 10.67 min Scan# 751  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 302065 |       |       |
| 177     | 21.3  |        | 17.6  | 26.4  |
| 150     | 12.5  |        | 10.0  | 15.0  |

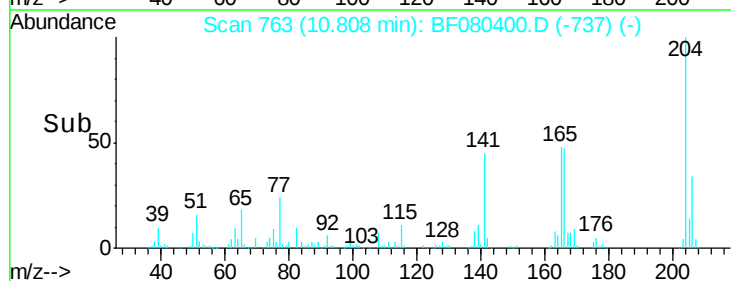
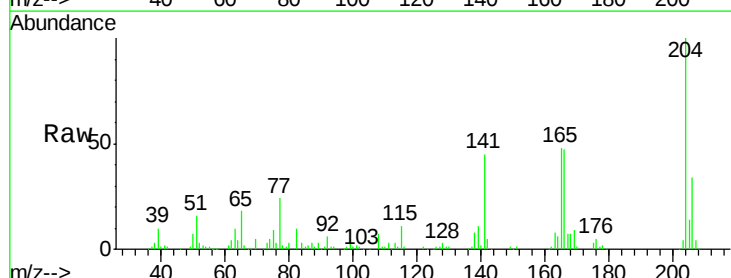
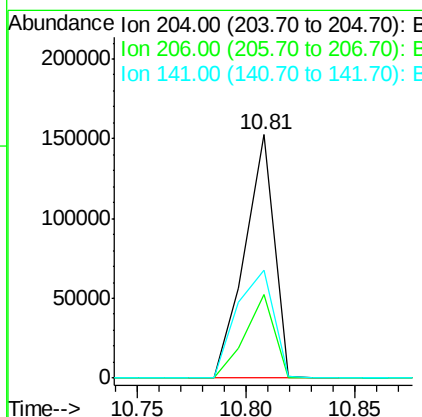
Manual Integrations  
APPROVED

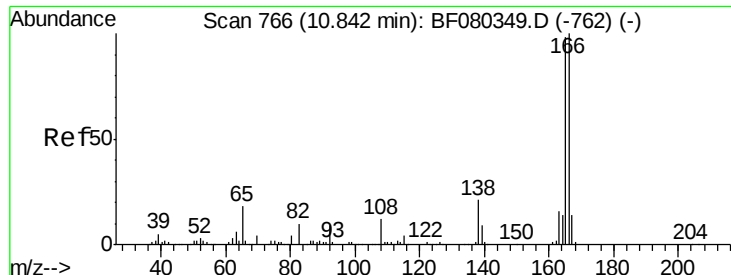
apatel  
7/9/2015 2:20:04 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 42.13 ng  
RT: 10.81 min Scan# 763  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 144116 |       |       |
| 206     | 34.4  |        | 27.2  | 40.8  |
| 141     | 44.5  |        | 35.9  | 53.9  |





#61

4-Nitroaniline

Concen: 45.24 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF080400.D

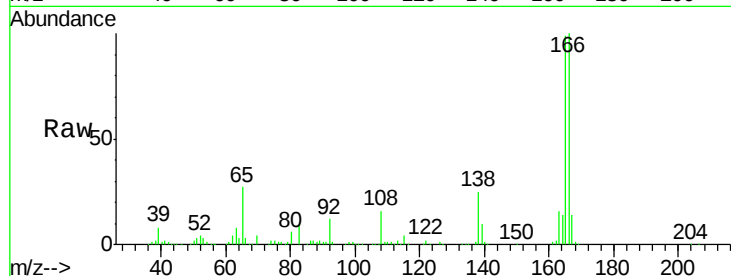
Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:138 Resp: 77762

Ion Ratio Lower Upper

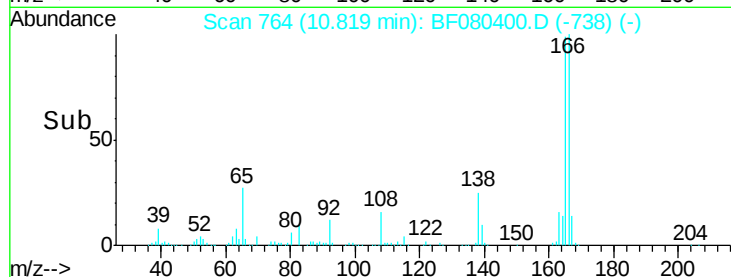
138 100

92 47.2 21.0 61.0

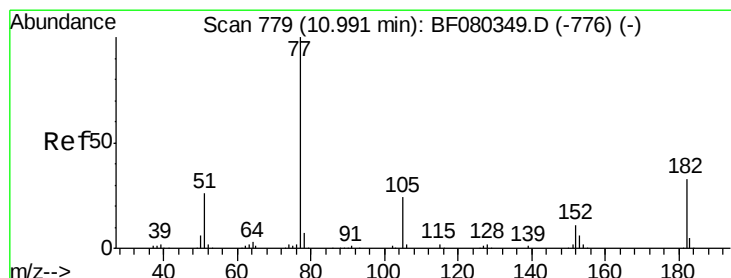
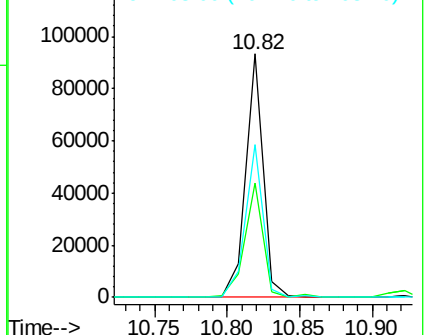
108 62.8 38.4 78.4

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM



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



#62

Azobenzene

Concen: 42.98 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

Tgt Ion: 77 Resp: 306483

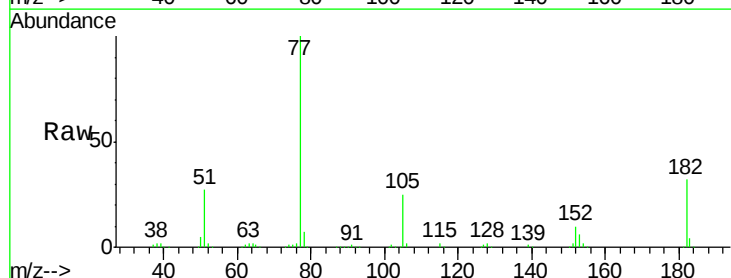
Ion Ratio Lower Upper

77 100

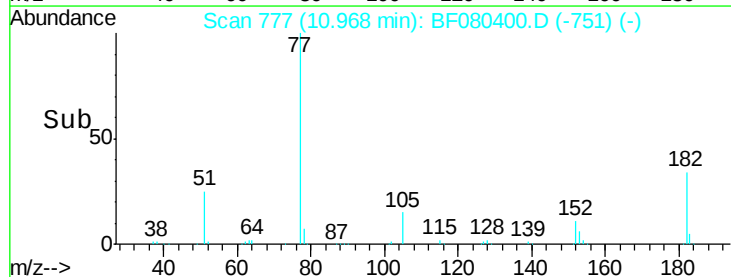
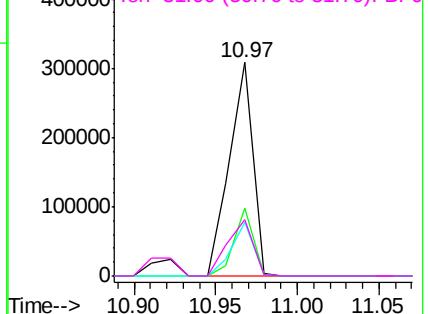
182 31.8 13.2 53.2

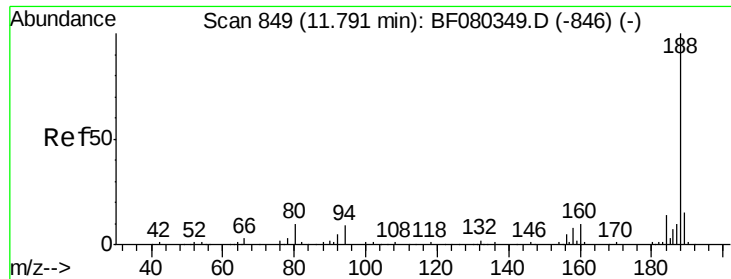
105 24.9 4.3 44.3

51 26.7 6.3 46.3



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0





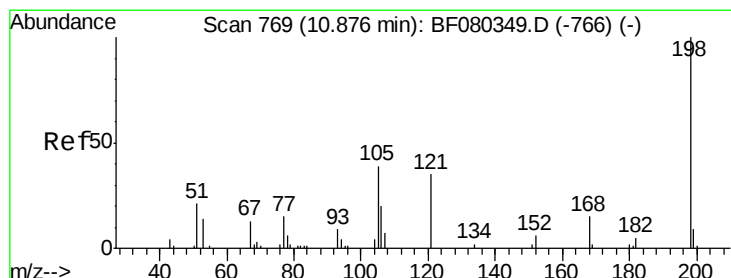
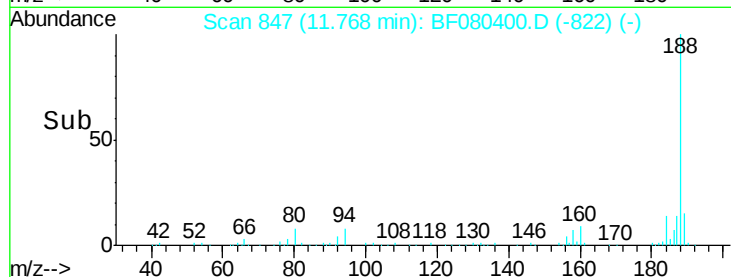
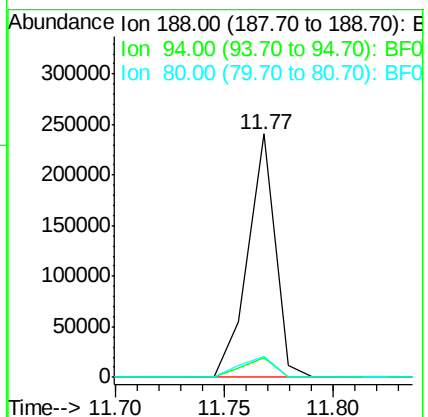
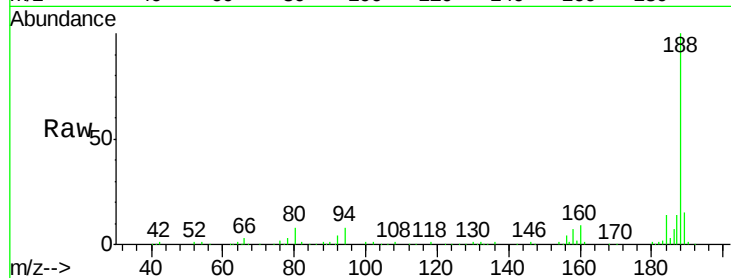
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.77 min Scan# 847  
Delta R.T. -0.01 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 8.0   | 7.5        | 11.3       |
| 80      | 8.3   | 8.3        | 12.5       |

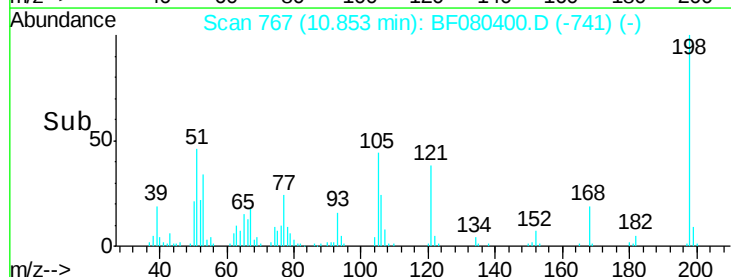
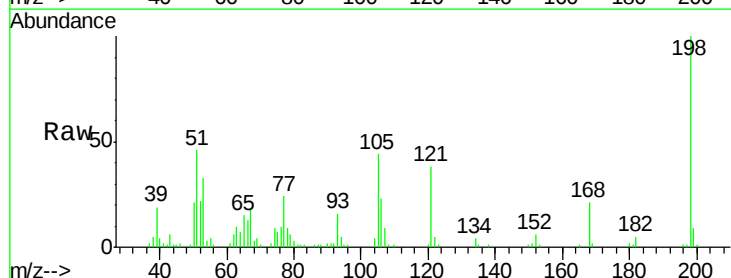
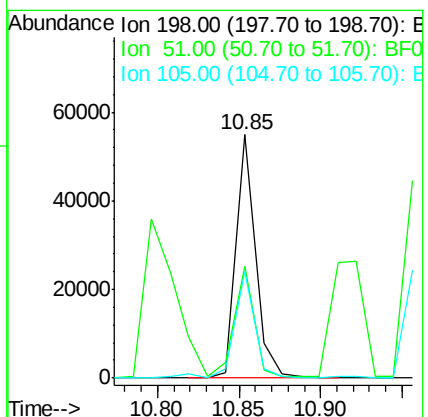
Manual Integrations  
APPROVED

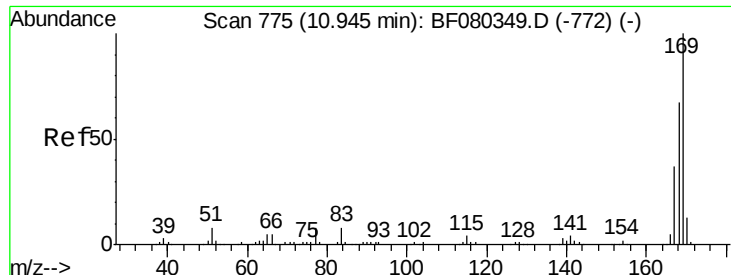
apatel  
7/9/2015 2:20:04 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 37.74 ng  
RT: 10.85 min Scan# 767  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 45.7  | 17.0       | 57.0       |
| 105     | 44.1  | 20.9       | 60.9       |





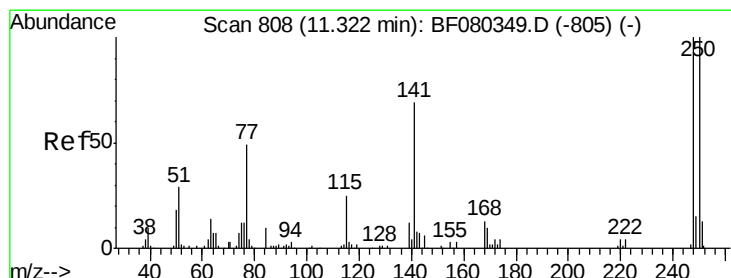
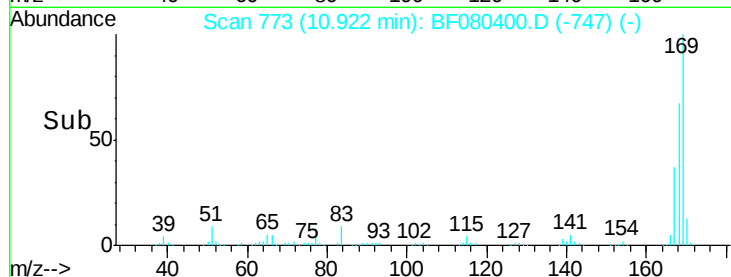
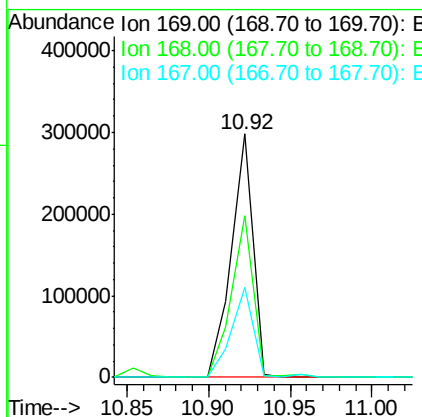
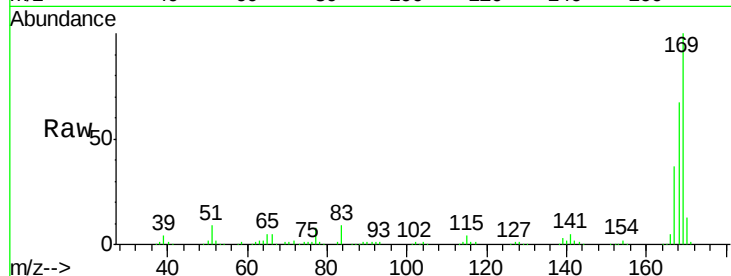
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.46 ng  
 RT: 10.92 min Scan# 773  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 271561 |       |       |
| 168     | 66.6  | 53.5   | 80.3  |       |
| 167     | 37.1  | 29.5   | 44.3  |       |

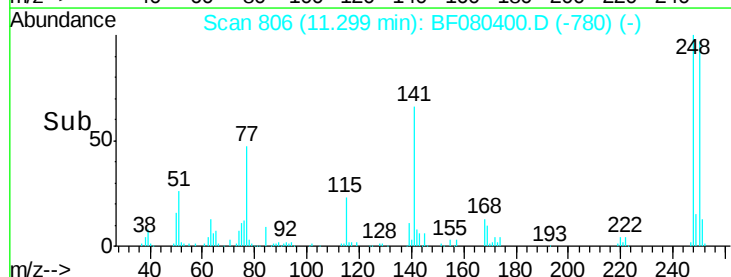
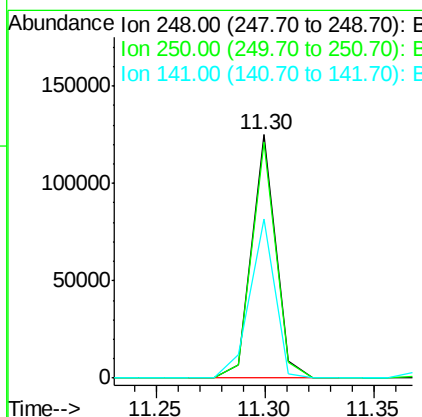
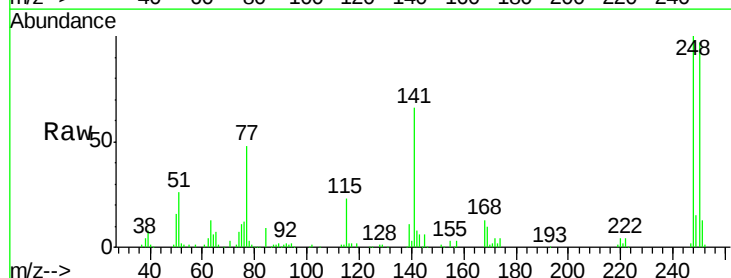
Manual Integrations  
 APPROVED

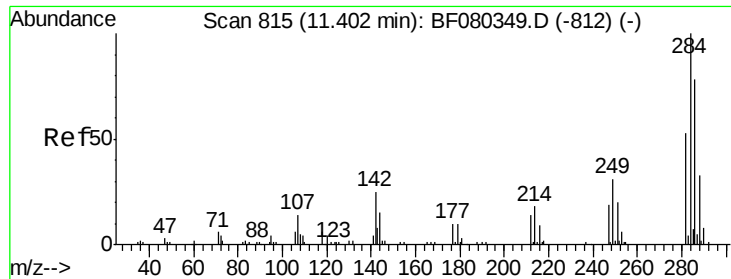
apatel  
 7/9/2015 2:20:04 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 40.00 ng  
 RT: 11.30 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 96562 |       |       |
| 250     | 97.0  | 80.0  | 120.0 |       |
| 141     | 65.6  | 54.8  | 82.2  |       |





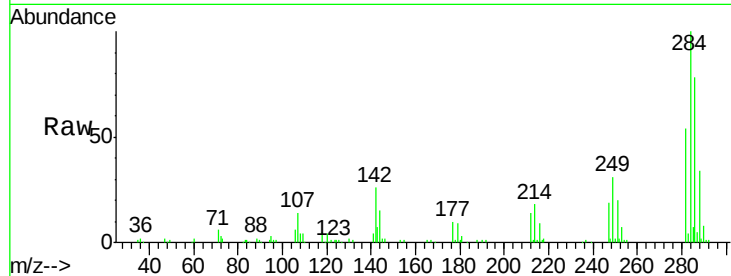
#67  
Hexachlorobenzene  
Concen: 40.14 ng  
RT: 11.38 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

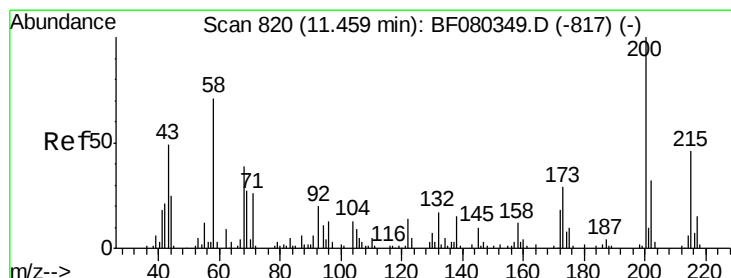
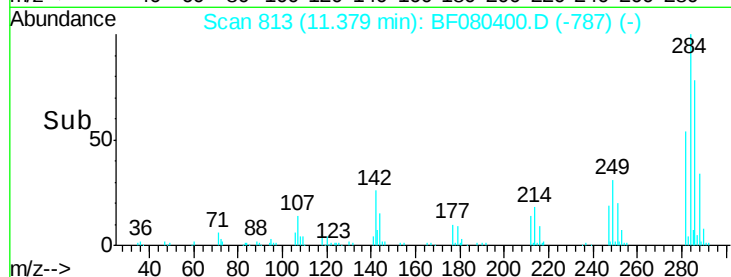
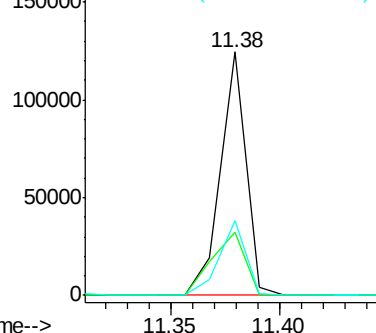
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 101634 |       |       |
| 142     | 25.9  | 20.3   | 30.5  |       |
| 249     | 30.9  | 24.7   | 37.1  |       |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM

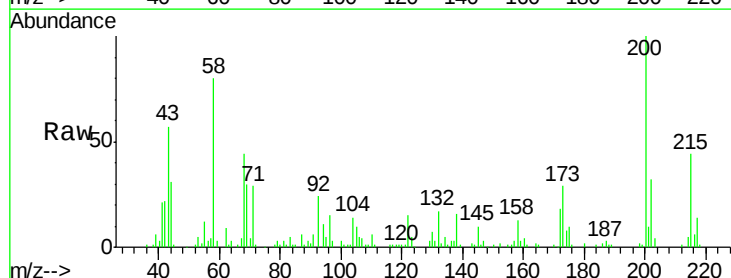


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

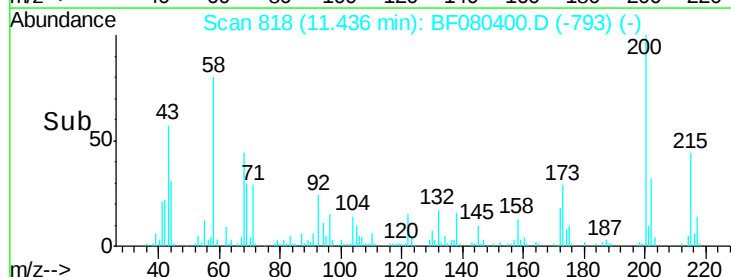
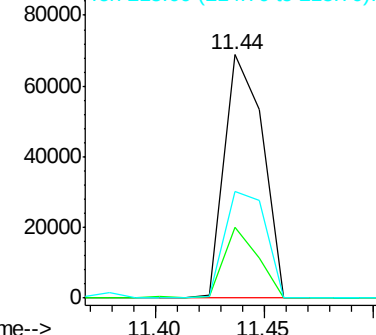


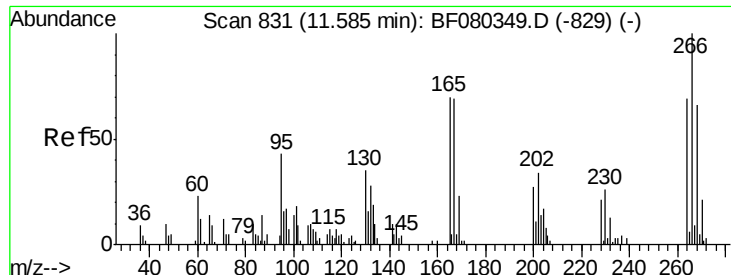
#68  
Atrazine  
Concen: 42.26 ng  
RT: 11.44 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 84427 |       |       |
| 173     | 29.3  | 9.9   | 49.9  |       |
| 215     | 43.7  | 26.2  | 66.2  |       |



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





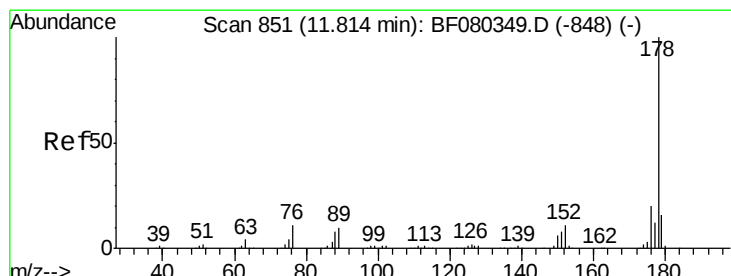
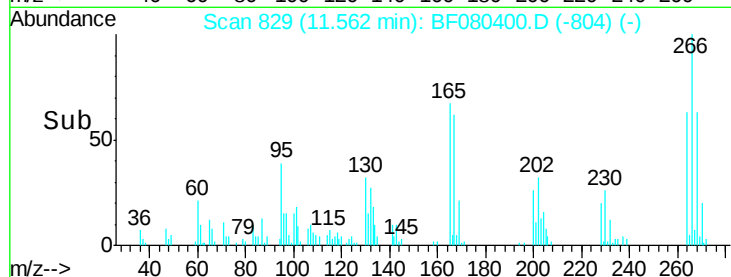
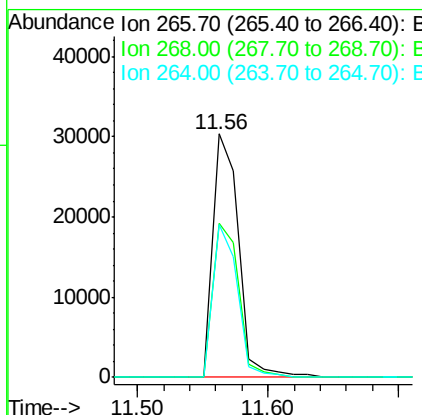
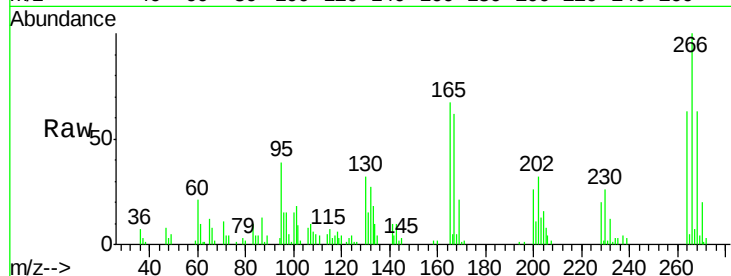
#69  
 Pentachlorophenol  
 Concen: 33.29 ng  
 RT: 11.56 min Scan# 829  
 Delta R.T. -0.01 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.3  | 52.7  | 79.1  |
| 264     | 63.0  | 55.0  | 82.6  |

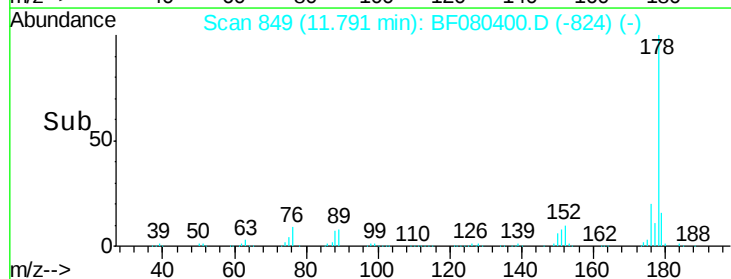
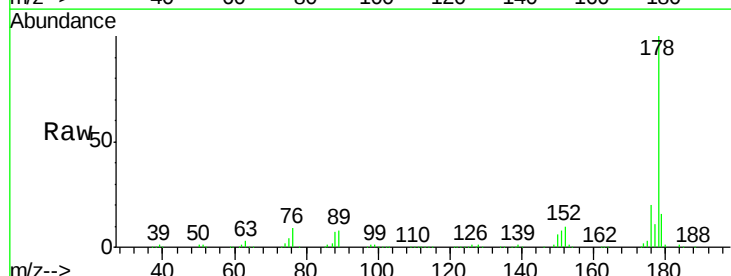
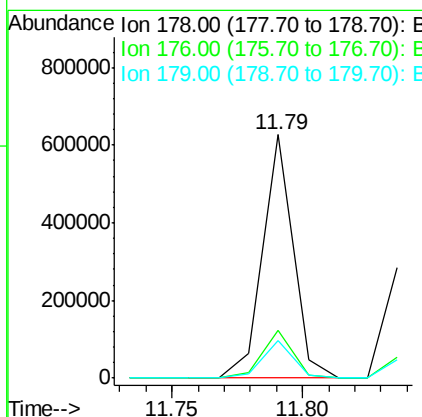
Manual Integrations  
 APPROVED

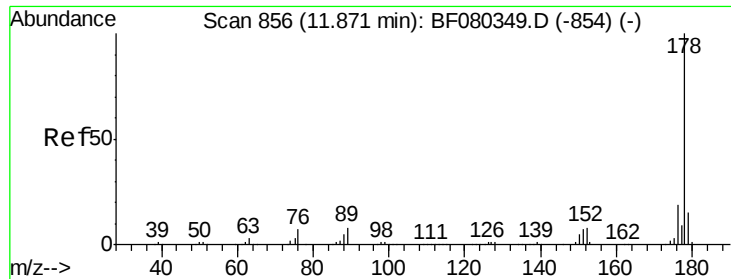
apatel  
 7/9/2015 2:20:04 PM



#70  
 Phenanthrene  
 Concen: 40.09 ng  
 RT: 11.79 min Scan# 849  
 Delta R.T. -0.01 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 16.1  | 24.1  |
| 179     | 15.6  | 12.6  | 18.8  |





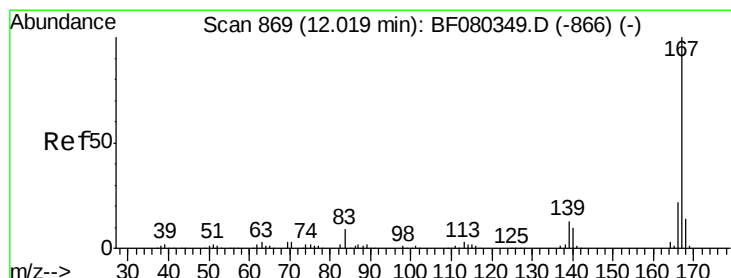
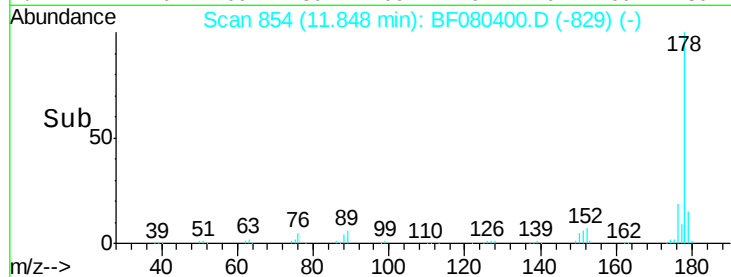
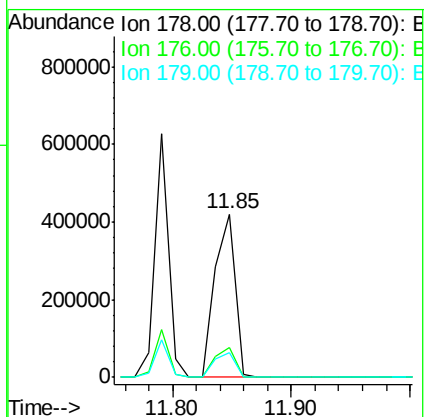
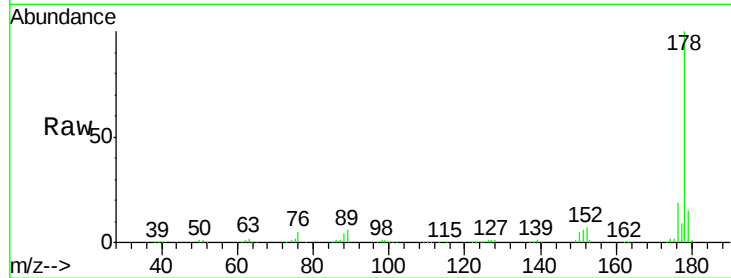
#71  
 Anthracene  
 Concen: 39.74 ng  
 RT: 11.85 min Scan# 854  
 Delta R.T. -0.01 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.3  | 22.9  |
| 179     | 14.9  | 12.3  | 18.5  |

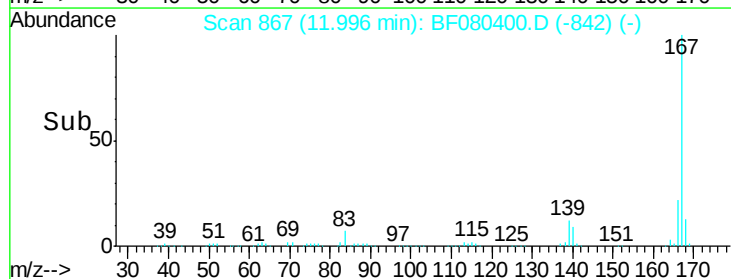
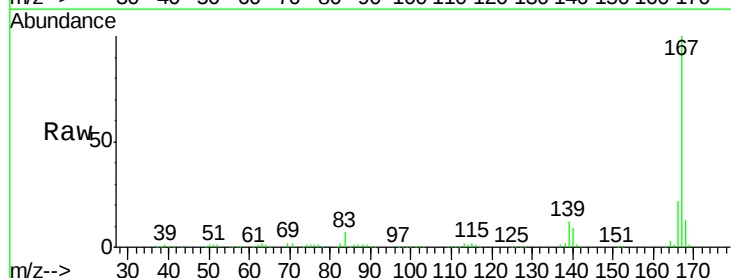
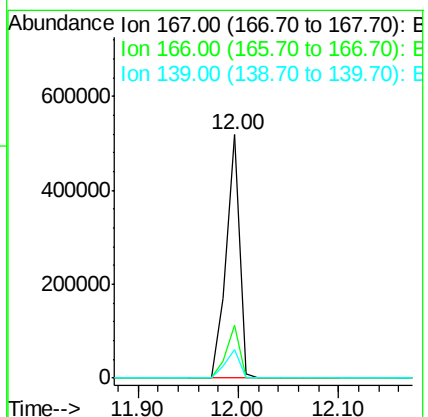
Manual Integrations  
 APPROVED

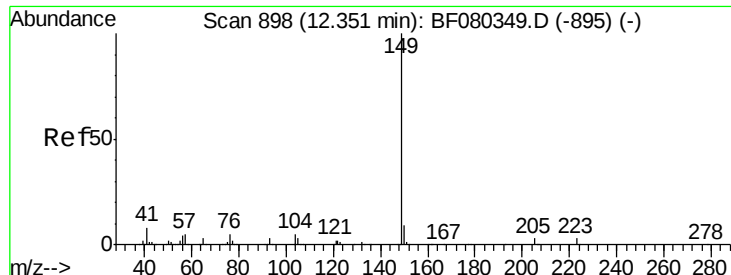
apatel  
 7/9/2015 2:20:04 PM



#72  
 Carbazole  
 Concen: 41.74 ng  
 RT: 12.00 min Scan# 867  
 Delta R.T. -0.01 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.8  | 26.6  |
| 139     | 11.8  | 10.4  | 15.6  |





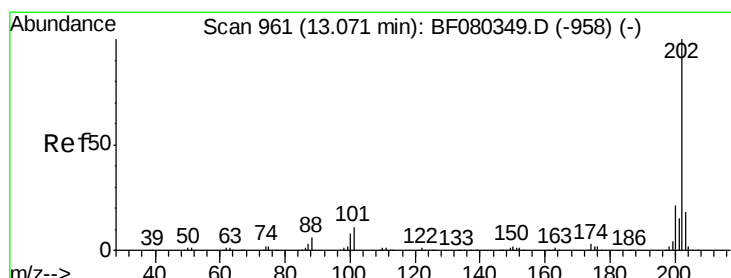
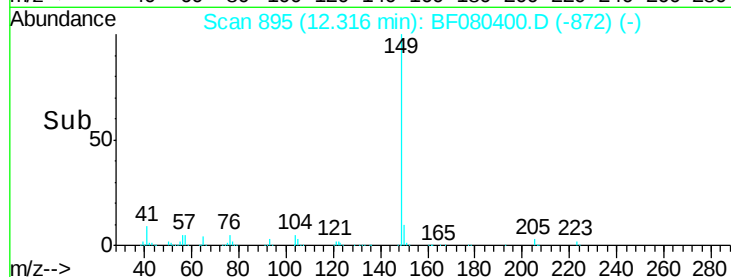
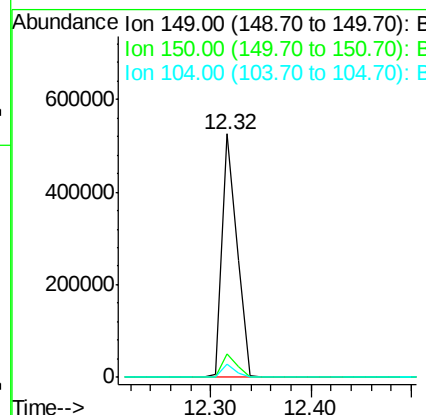
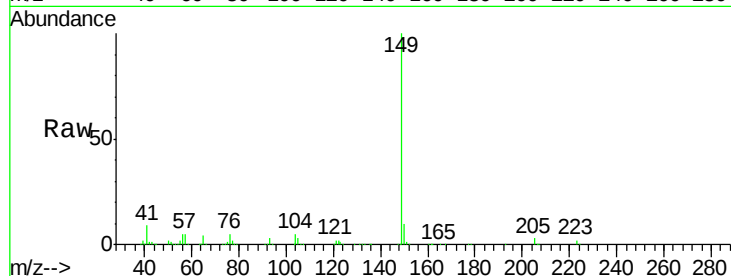
#73  
Di-n-butylphthalate  
Concen: 41.06 ng  
RT: 12.32 min Scan# 895  
Delta R.T. -0.03 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 542834 |       |       |
| 150     | 9.7   | 7.5    | 11.3  |       |
| 104     | 5.2   | 3.9    | 5.9   |       |

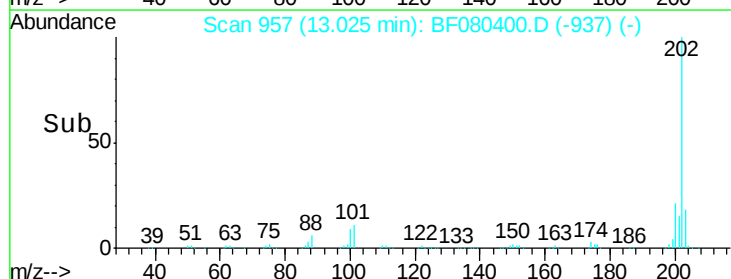
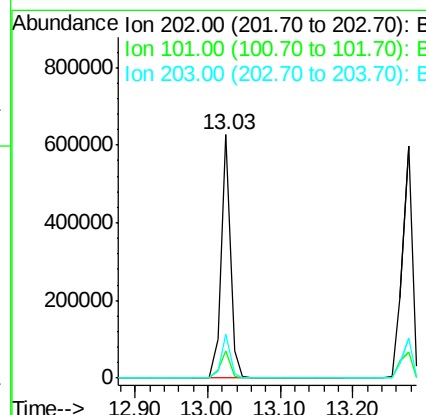
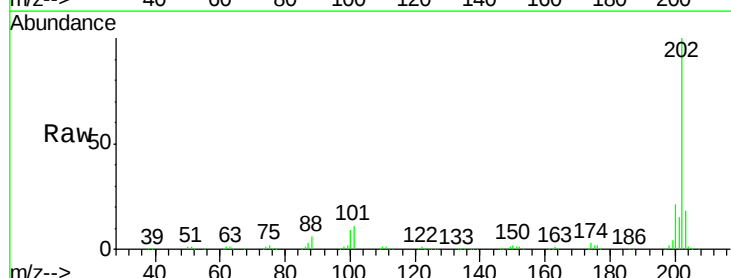
Manual Integrations  
APPROVED

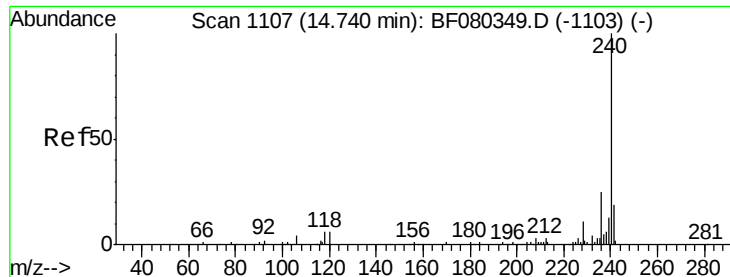
apatel  
7/9/2015 2:20:04 PM



#74  
Fluoranthene  
Concen: 40.78 ng  
RT: 13.03 min Scan# 957  
Delta R.T. -0.07 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 553760 |       |       |
| 101     | 11.4  | 0.0    | 31.0  |       |
| 203     | 17.9  | 0.0    | 37.6  |       |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.19 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

Instrument :

BNA\_F

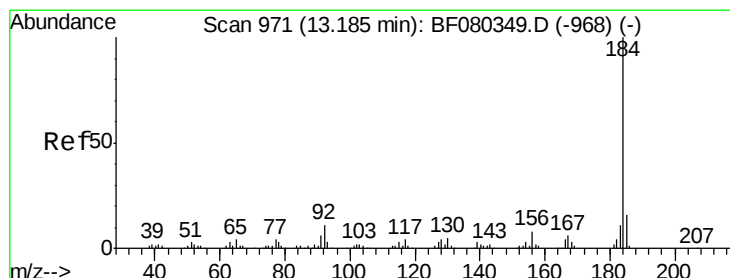
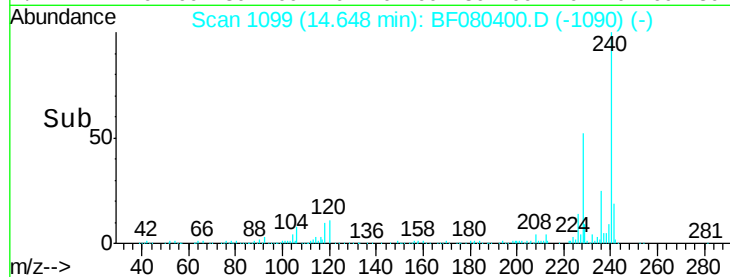
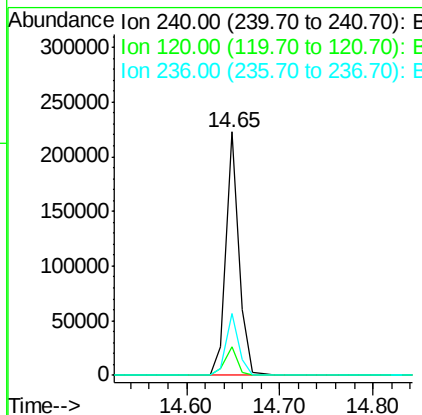
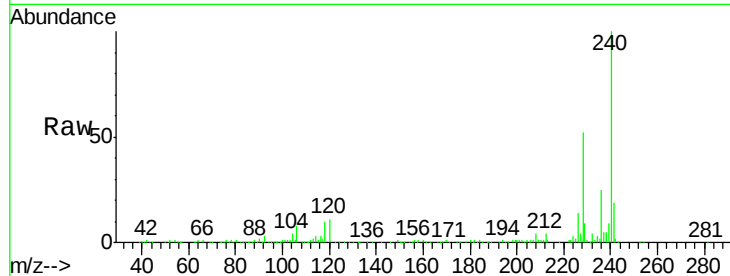
ClientSampleId :

SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.5  | 5.1   | 7.7#  |
| 236     | 25.3  | 20.4  | 30.6  |

Manual Integrations  
APPROVED

apatel  
7/9/2015 2:20:04 PM



#76

Benzidine

Concen: 46.05 ng

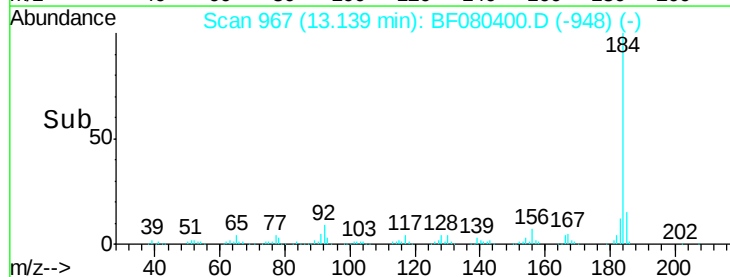
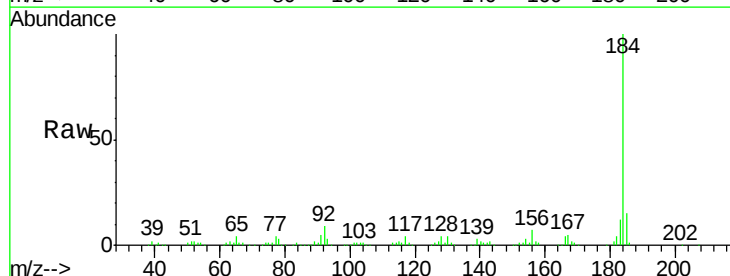
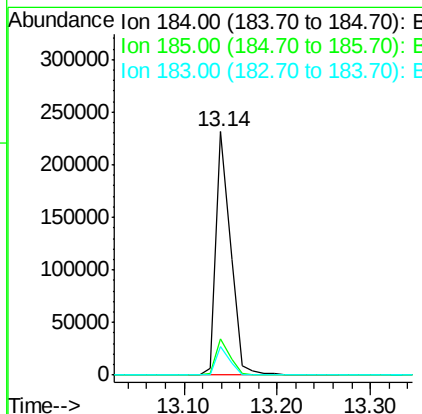
RT: 13.14 min Scan# 967

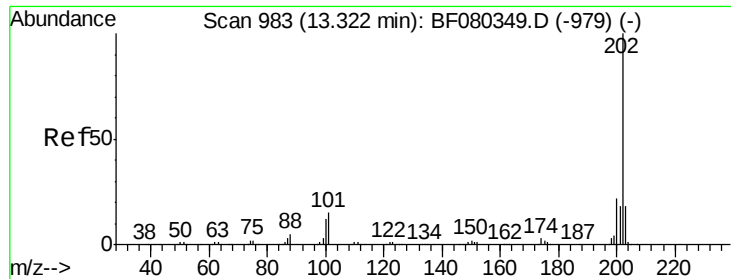
Delta R.T. -0.08 min

Lab File: BF080400.D

Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.0  | 12.6  | 19.0  |
| 183     | 11.6  | 9.2   | 13.8  |





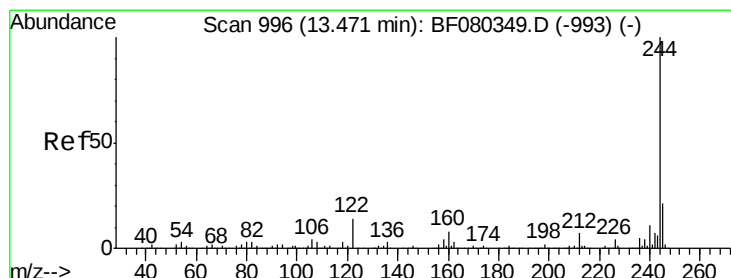
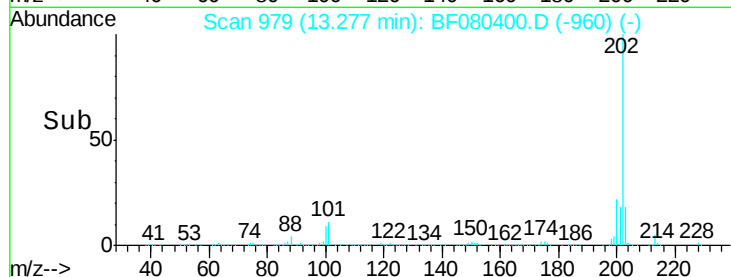
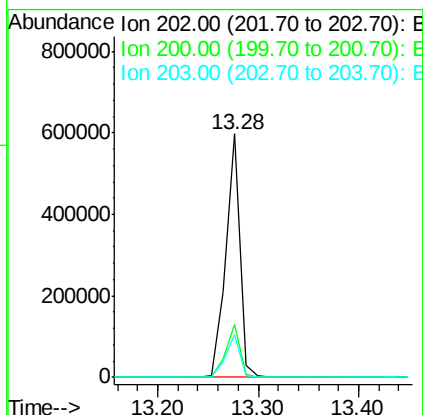
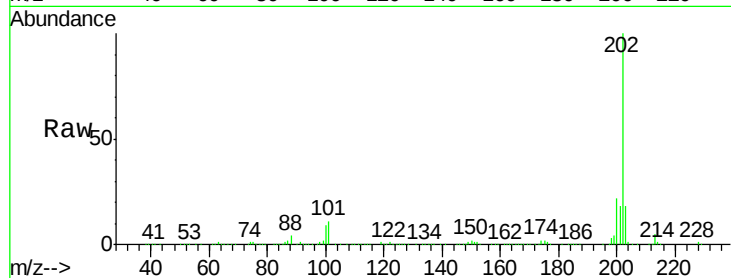
#77  
Pyrene  
Concen: 44.43 ng  
RT: 13.28 min Scan# 979  
Delta R.T. -0.08 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 21.6  | 17.2       | 25.8       |
| 203     | 17.6  | 14.3       | 21.5       |

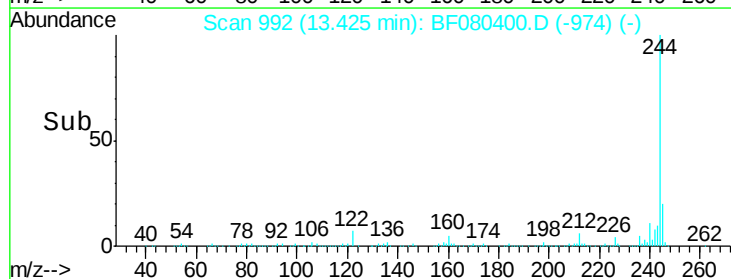
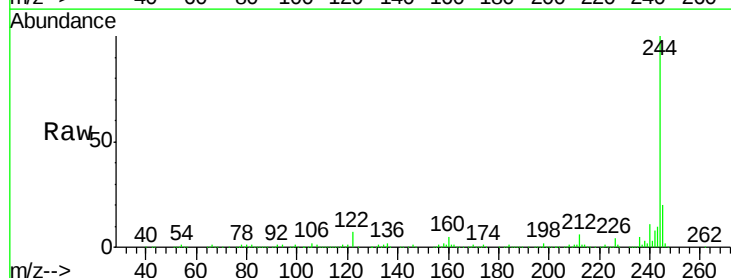
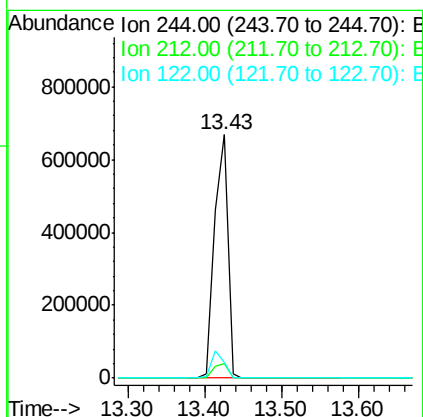
Manual Integrations  
APPROVED

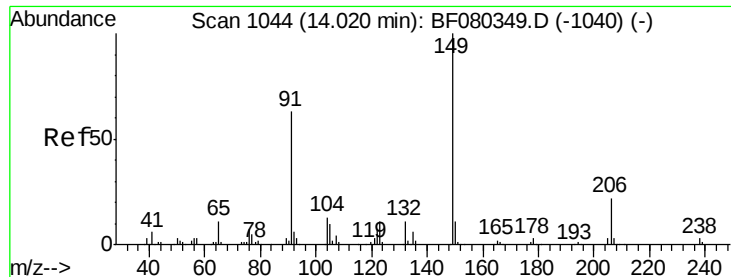
apatel  
7/9/2015 2:20:04 PM



#78  
Terphenyl-d14  
Concen: 86.01 ng  
RT: 13.43 min Scan# 992  
Delta R.T. -0.09 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 6.0   | 5.8        | 8.8        |
| 122     | 6.5   | 11.1       | 16.7       |





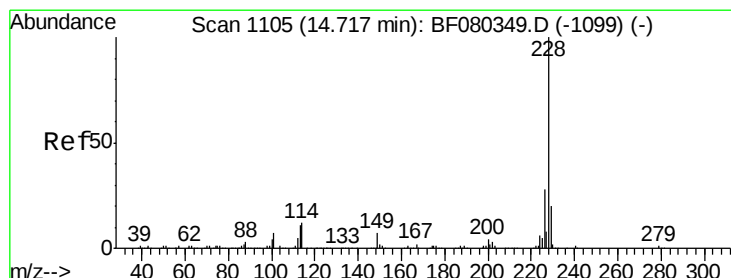
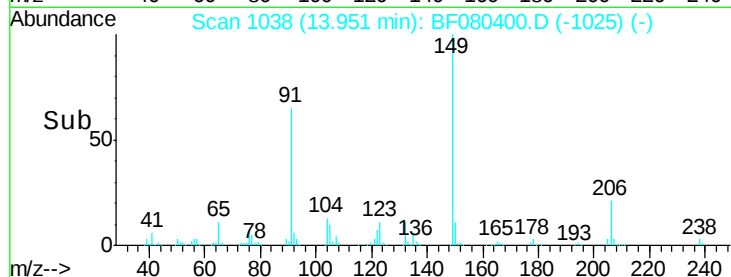
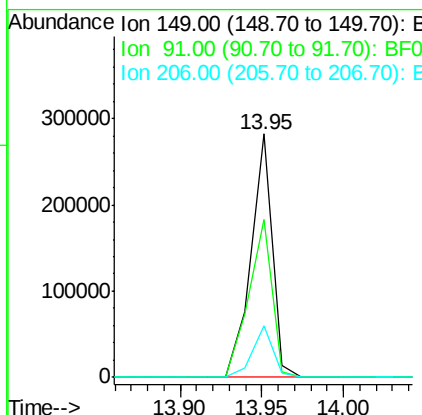
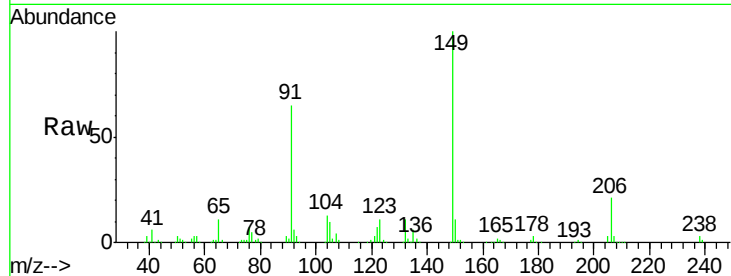
#79  
Butylbenzylphthalate  
Concen: 49.15 ng  
RT: 13.95 min Scan# 1038  
Delta R.T. -0.15 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 256697 |       |       |
| 91      | 64.7  | 50.8   | 76.2  |       |
| 206     | 21.3  | 17.6   | 26.4  |       |

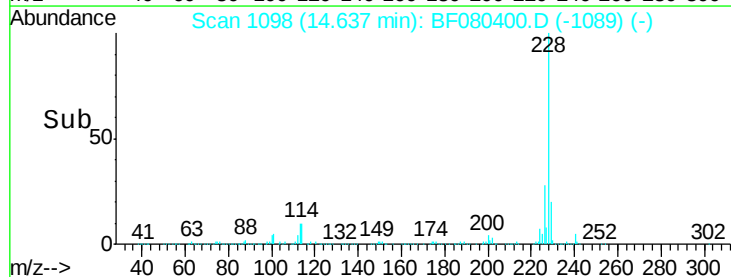
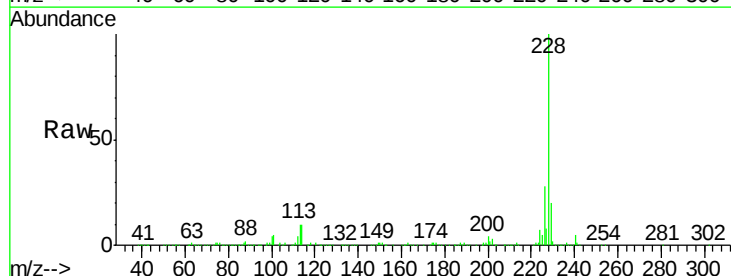
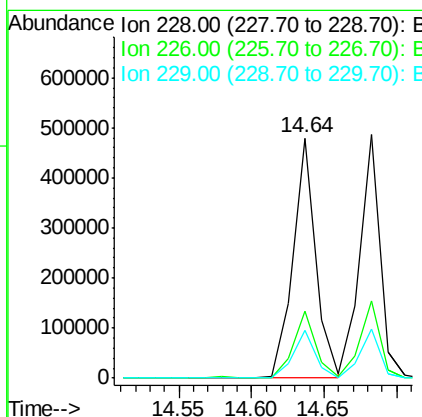
Manual Integrations  
APPROVED

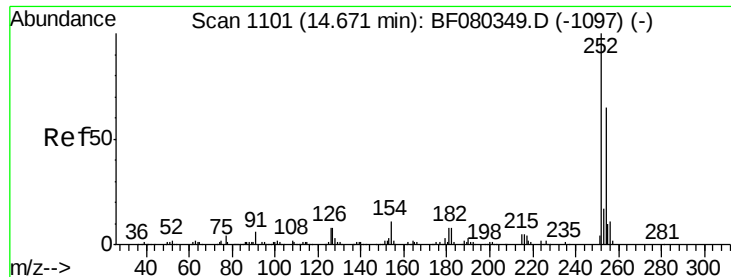
apatel  
7/9/2015 2:20:04 PM



#80  
Benzo(a)anthracene  
Concen: 39.83 ng  
RT: 14.64 min Scan# 1098  
Delta R.T. -0.19 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 519337 |       |       |
| 226     | 27.8  | 22.2   | 33.4  |       |
| 229     | 19.8  | 16.0   | 24.0  |       |





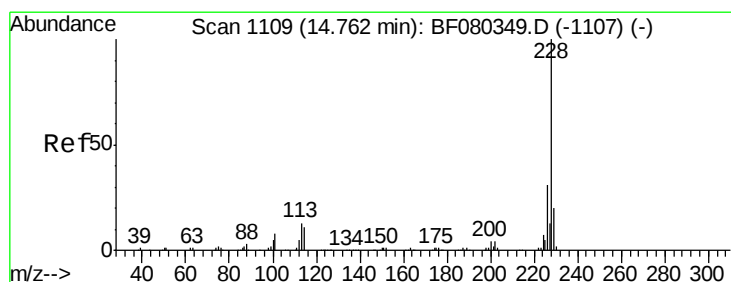
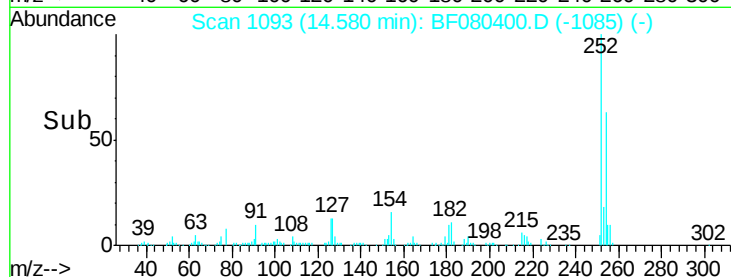
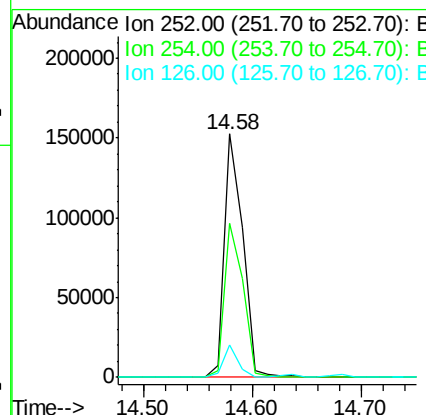
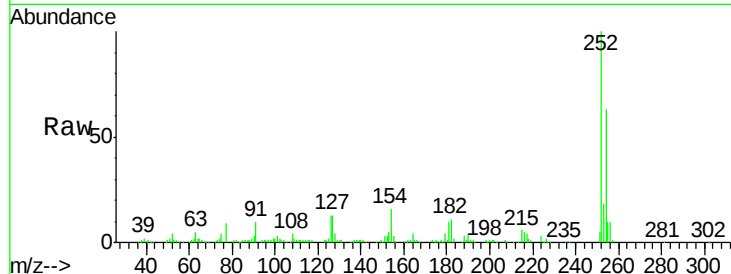
#81  
 3,3'-Dichlorobenzidine  
 Concen: 41.65 ng  
 RT: 14.58 min Scan# 1093  
 Delta R.T. -0.21 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040EC

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 63.0  | 51.7       | 77.5  |
| 126     | 13.4  | 6.3        | 9.5   |

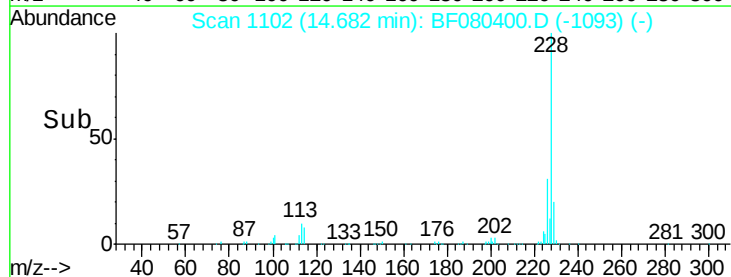
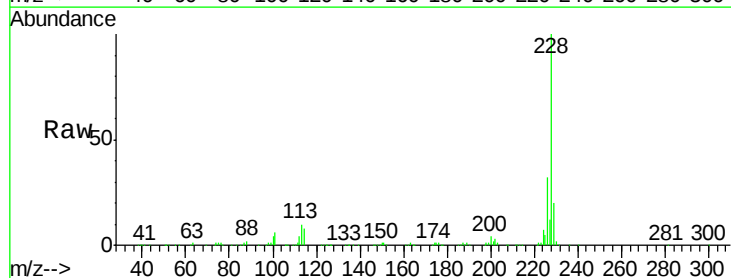
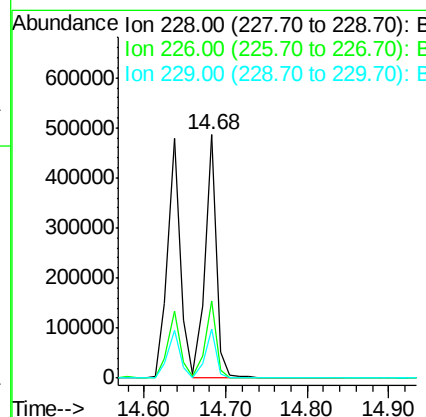
Manual Integrations  
 APPROVED

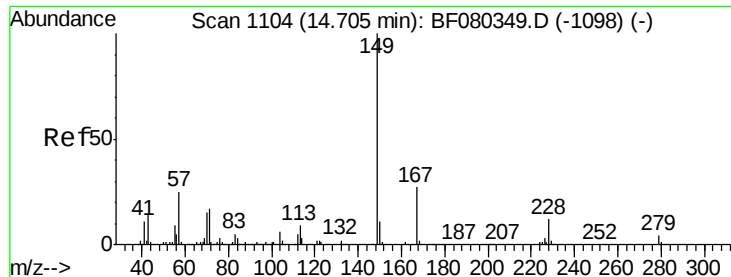
apatel  
 7/9/2015 2:20:04 PM



#82  
 Chrysene  
 Concen: 39.27 ng  
 RT: 14.68 min Scan# 1102  
 Delta R.T. -0.19 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.7  | 25.0       | 37.4  |
| 229     | 19.9  | 16.1       | 24.1  |





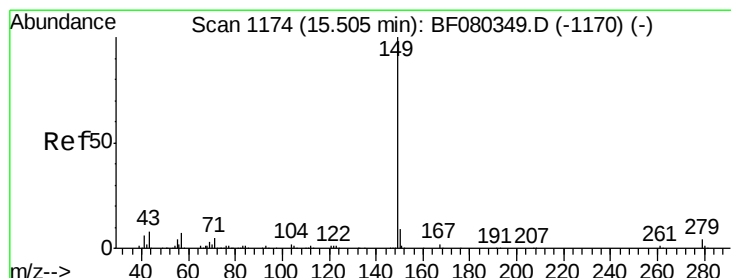
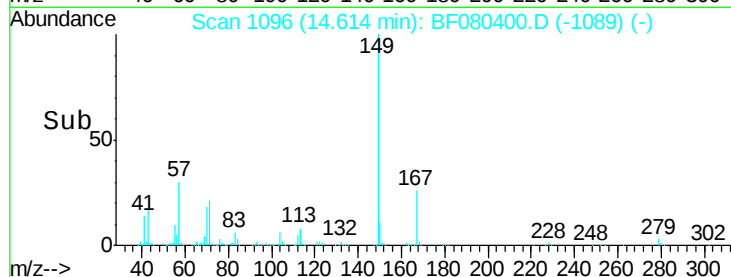
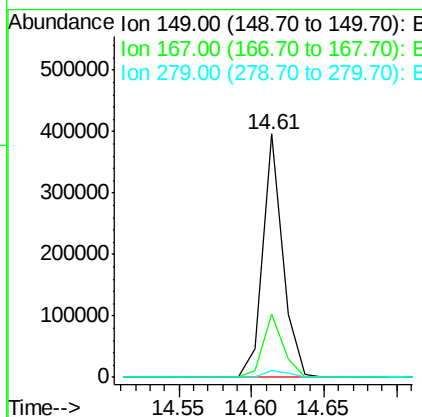
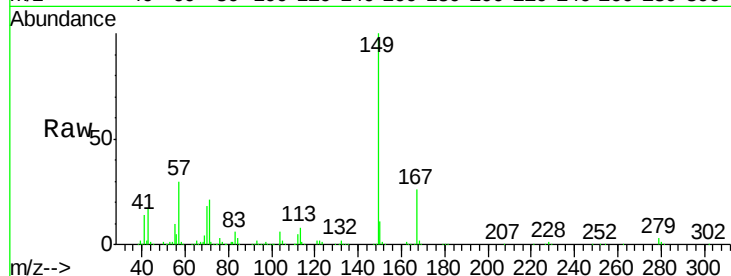
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.72 ng  
 RT: 14.61 min Scan# 1096  
 Delta R.T. -0.22 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 25.8  | 21.4       | 32.0       |
| 279     | 2.7   | 2.9        | 4.3#       |

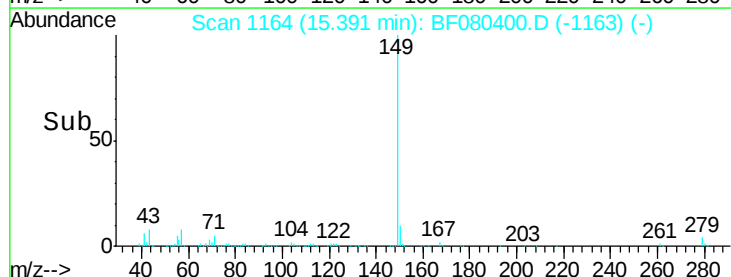
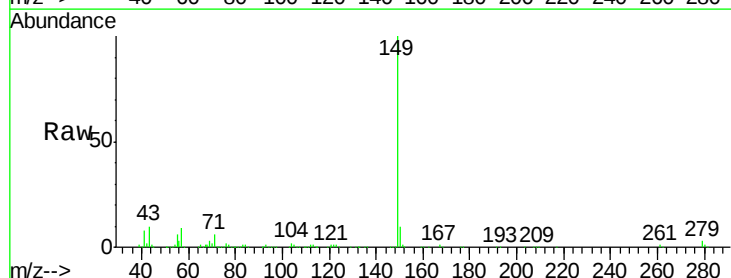
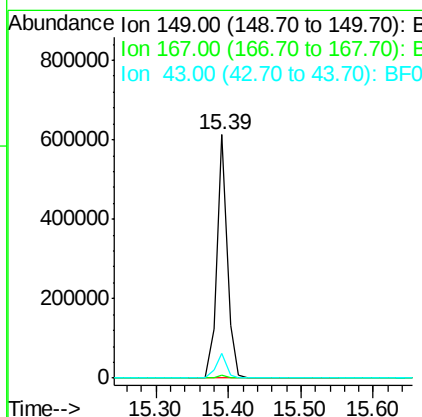
Manual Integrations  
 APPROVED

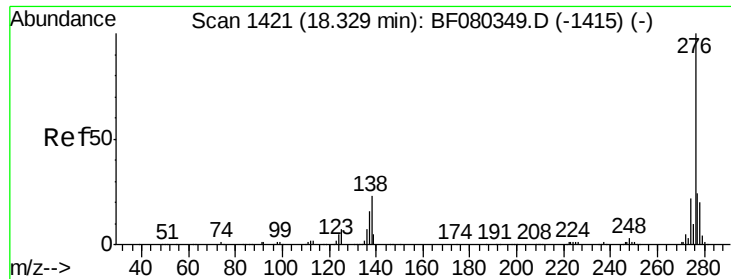
apatel  
 7/9/2015 2:20:04 PM



#84  
 Di-n-octyl phthalate  
 Concen: 46.20 ng  
 RT: 15.39 min Scan# 1164  
 Delta R.T. -0.29 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 1.5   | 1.2        | 1.8        |
| 43      | 10.5  | 9.1        | 13.7       |





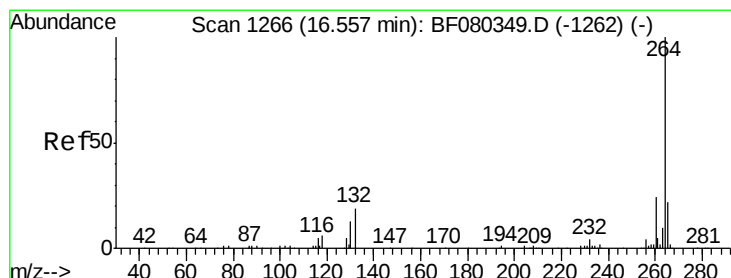
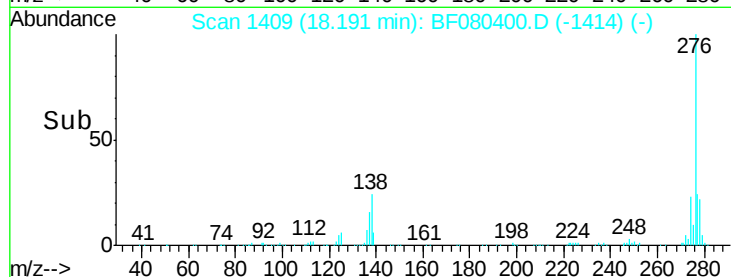
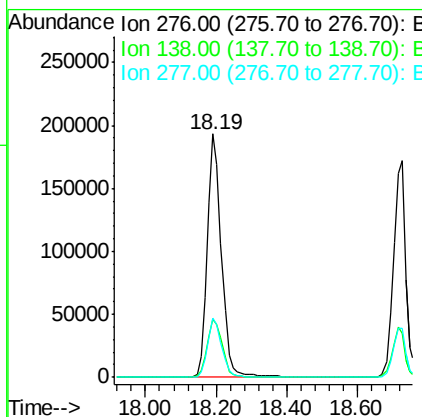
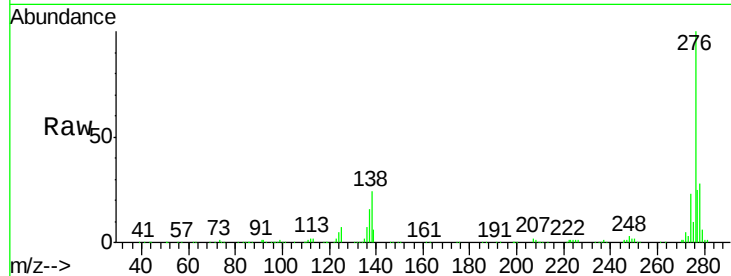
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.18 ng  
 RT: 18.19 min Scan# 1409  
 Delta R.T. -0.35 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.4  | 19.7  | 29.5  |
| 277     | 24.4  | 19.4  | 29.0  |

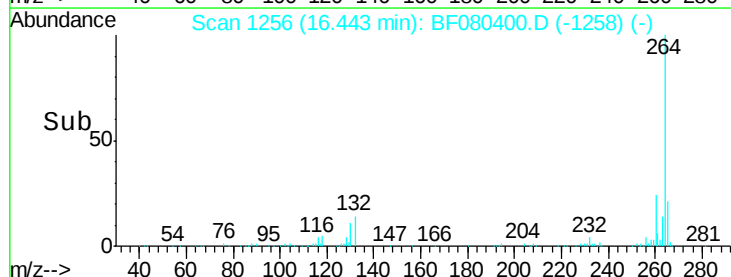
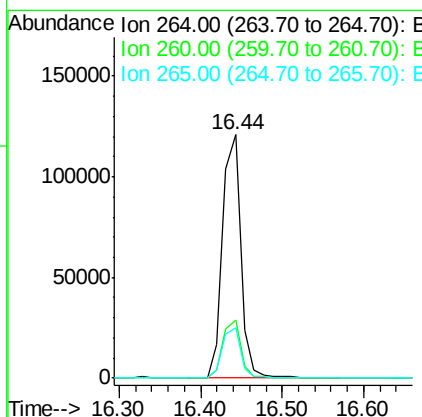
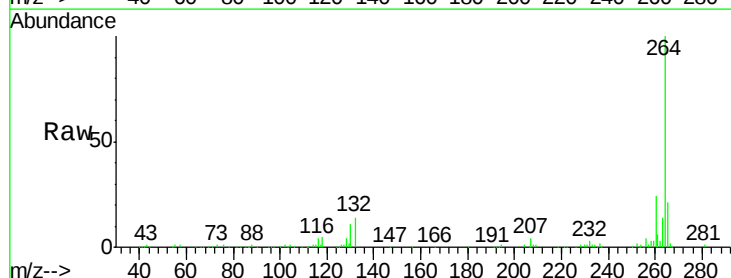
Manual Integrations  
 APPROVED

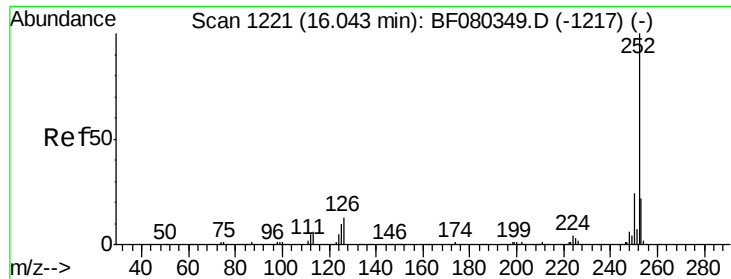
apatel  
 7/9/2015 2:20:04 PM



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.44 min Scan# 1256  
 Delta R.T. -0.32 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.2  | 28.8  |
| 265     | 20.8  | 17.6  | 26.4  |





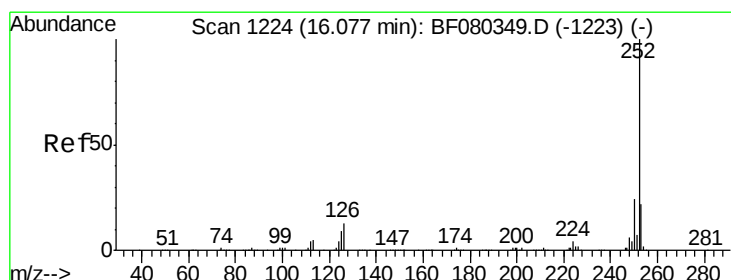
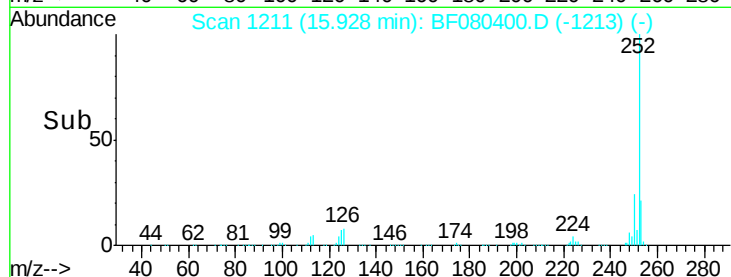
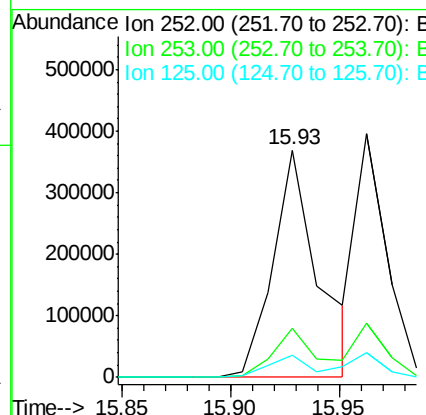
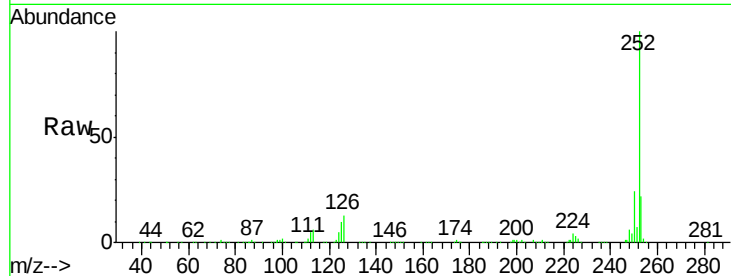
#87  
Benzo(b)fluoranthene  
Concen: 45.20 ng  
RT: 15.93 min Scan# 1211  
Delta R.T. -0.32 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.8  | 26.8  |
| 125     | 9.8   | 7.7   | 11.5  |

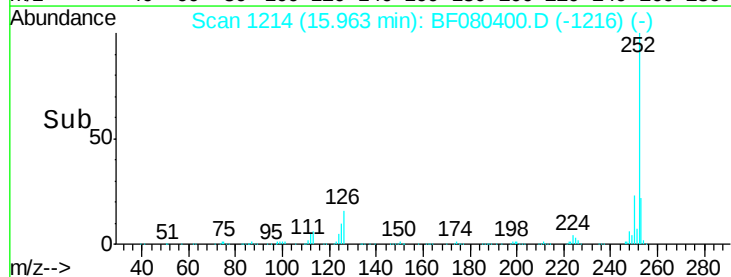
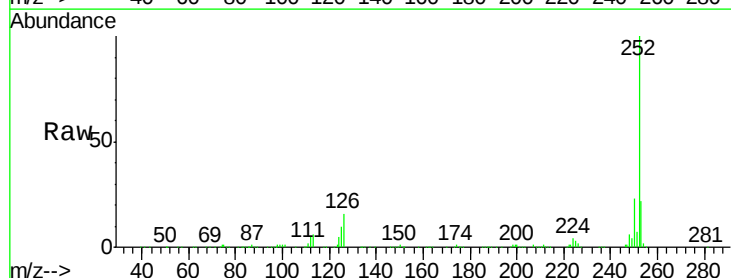
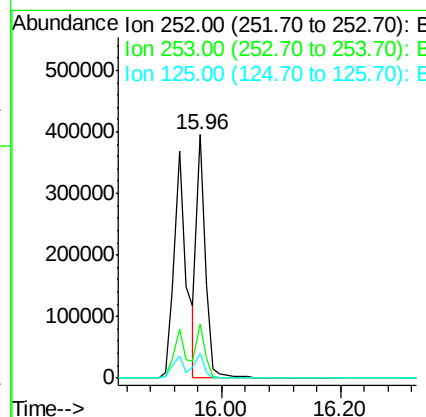
Manual Integrations  
APPROVED

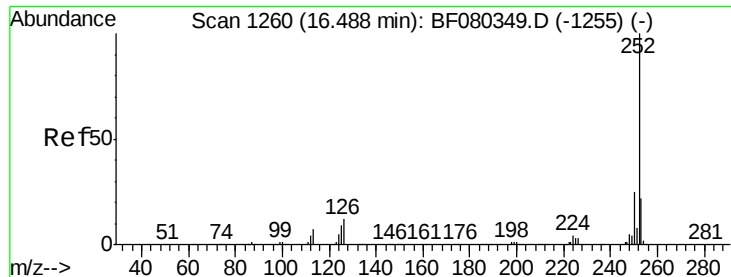
apatel  
7/9/2015 2:20:04 PM



#88  
Benzo(k)fluoranthene  
Concen: 35.64 ng  
RT: 15.96 min Scan# 1214  
Delta R.T. -0.32 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.8  | 26.6  |
| 125     | 10.4  | 8.5   | 12.7  |





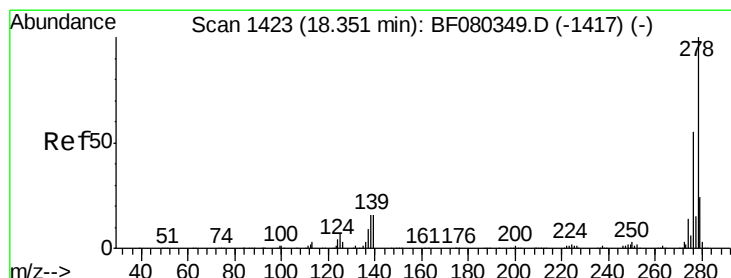
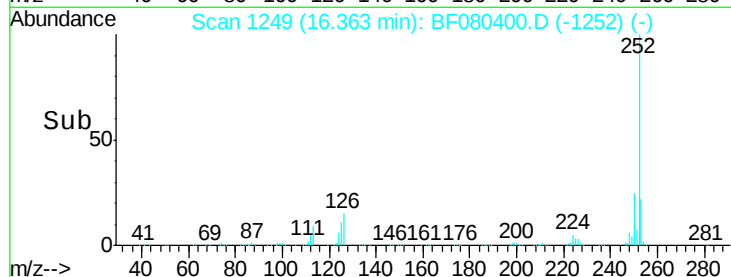
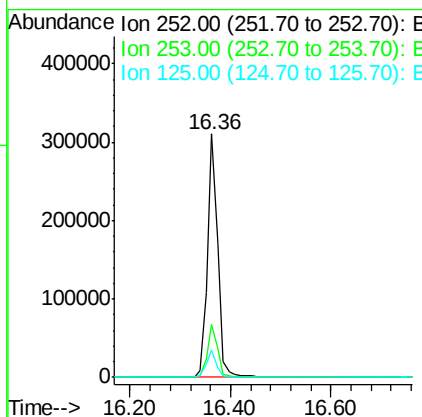
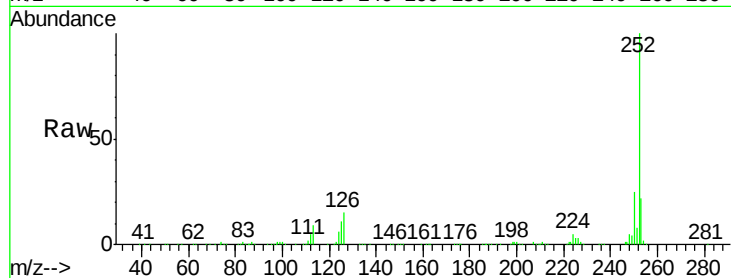
#89  
Benzo(a)pyrene  
Concen: 40.88 ng  
RT: 16.36 min Scan# 1249  
Delta R.T. -0.33 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.8  | 26.8  |
| 125     | 11.0  | 7.3   | 10.9  |

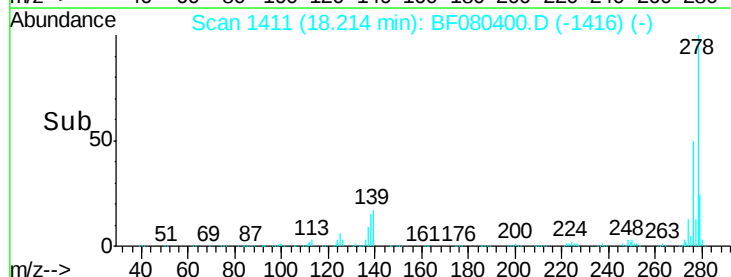
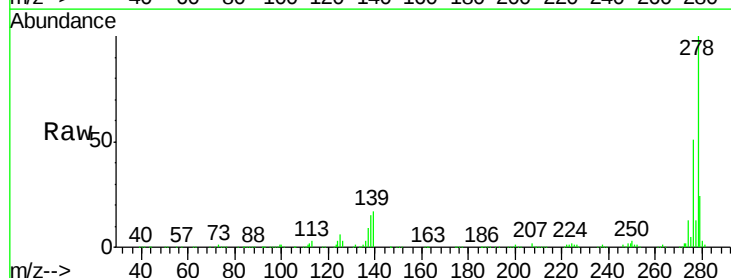
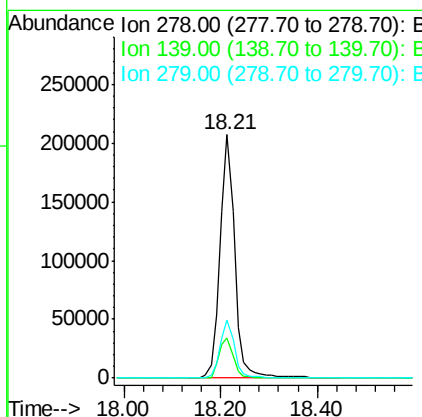
Manual Integrations  
APPROVED

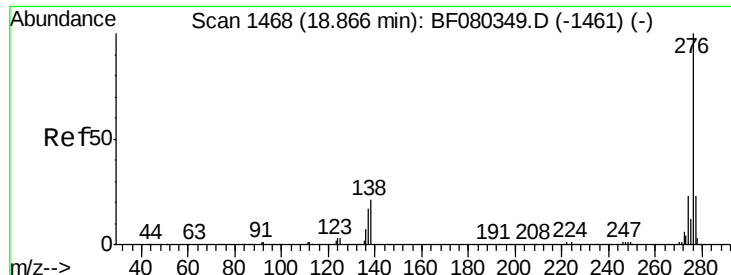
apatel  
7/9/2015 2:20:04 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 41.72 ng  
RT: 18.21 min Scan# 1411  
Delta R.T. -0.35 min  
Lab File: BF080400.D  
Acq: 8 Jul 2015 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.6  | 13.0  | 19.6  |
| 279     | 23.7  | 19.1  | 28.7  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 40.66 ng  
 RT: 18.73 min Scan# 1456  
 Delta R.T. -0.35 min  
 Lab File: BF080400.D  
 Acq: 8 Jul 2015 21:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 440796 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 22.9 | 18.6  | 28.0   |
| 138       | 20.1 | 16.8  | 25.2   |

Manual Integrations  
 APPROVED

apatel  
 7/9/2015 2:20:04 PM

