

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\  
 Data File : BF080675.D  
 Acq On : 27 Jul 2015 16:41  
 Operator : TP/UM  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

apatel  
 7/29/2015 10:39:46 AM

Quant Time: Jul 28 01:17:22 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 28 01:01:48 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.92  | 152  | 42955    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.21  | 136  | 144552   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.96  | 164  | 66318    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.45 | 188  | 109458   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.31 | 240  | 54315    | 20.00 | ng    | 0.06     |
| 86) Perylene-d12          | 16.02 | 264  | 26871    | 20.00 | ng    | 0.10     |

## System Monitoring Compounds

|                          |       |     |       |       |    |      |
|--------------------------|-------|-----|-------|-------|----|------|
| 5) 2-Fluorophenol        | 5.50  | 112 | 48573 | 18.99 | ng | 0.00 |
| 7) Phenol-d6             | 6.53  | 99  | 58398 | 19.52 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.48  | 82  | 51574 | 18.08 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.75 | 330 | 13160 | 22.78 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.29  | 172 | 96089 | 21.64 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.09 | 244 | 66545 | 25.77 | ng | 0.02 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.49 | 88  | 8804   | 7.67  | ng | 90     |
| 3) Pyridine                    | 3.31 | 79  | 22132  | 8.20  | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.18 | 42  | 14114  | 8.04  | ng | # 97   |
| 6) Aniline                     | 6.58 | 93  | 39409  | 9.17  | ng | 95     |
| 8) 2-Chlorophenol              | 6.70 | 128 | 24459  | 8.80  | ng | 97     |
| 9) Benzaldehyde                | 6.46 | 77  | 20885  | 10.45 | ng | 95     |
| 10) Phenol                     | 6.54 | 94  | 33738  | 9.37  | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.65 | 93  | 24162  | 9.16  | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.86 | 146 | 29154  | 9.52  | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.94 | 146 | 29953  | 9.55  | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 7.09 | 146 | 28984  | 9.42  | ng | 98     |
| 15) Benzyl Alcohol             | 7.06 | 79  | 21899  | 8.69  | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 42686  | 9.31  | ng | 98     |
| 17) 2-Methylphenol             | 7.16 | 107 | 17672  | 8.12  | ng | 93     |
| 18) Hexachloroethane           | 7.44 | 117 | 9474   | 7.83  | ng | 86     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 17660  | 8.22  | ng | 97     |
| 20) 3+4-Methylphenols          | 7.32 | 107 | 25633  | 9.02  | ng | # 85   |
| 22) Acetophenone               | 7.32 | 105 | 34542  | 9.24  | ng | # 65   |
| 24) Nitrobenzene               | 7.49 | 77  | 25286  | 8.85  | ng | # 74   |
| 25) Isophorone                 | 7.74 | 82  | 42596  | 8.59  | ng | 99     |
| 26) 2-Nitrophenol              | 7.82 | 139 | 8874   | 8.44  | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.86 | 122 | 20351m | 9.72  | ng |        |
| 28) bis(2-Chloroethoxy)methane | 7.95 | 93  | 26053  | 9.09  | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.06 | 162 | 17992  | 9.19  | ng | # 79   |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180 | 22033  | 9.34  | ng | 92     |
| 31) Naphthalene                | 8.24 | 128 | 70012  | 9.73  | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 10252m | 9.37  | ng |        |
| 33) 4-Chloroaniline            | 8.27 | 127 | 26569  | 8.59  | ng | # 82   |
| 34) Hexachlorobutadiene        | 8.35 | 225 | 13672  | 8.55  | ng | 96     |
| 35) Caprolactam                | 8.60 | 113 | 4210   | 7.86  | ng | # 67   |
| 36) 4-Chloro-3-methylphenol    | 8.75 | 107 | 19258  | 9.19  | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.92 | 142 | 47360  | 9.38  | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.09 | 216 | 21657  | 10.97 | ng | 94     |
| 40) Hexachlorocyclopentadiene  | 9.08 | 237 | 12753  | 10.78 | ng | 97     |

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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

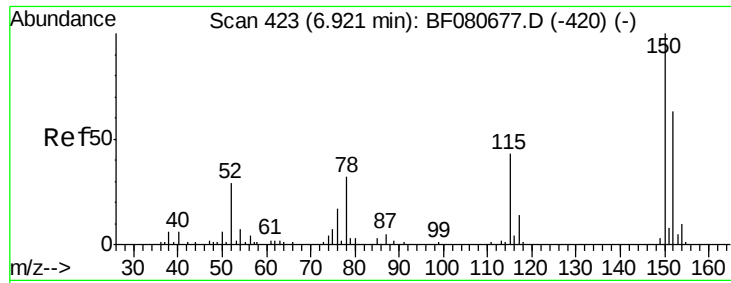
apatel  
 7/29/2015 10:39:46 AM

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.20  | 196  | 15035    | 11.26 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.23  | 196  | 14744    | 10.70 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 9.39  | 154  | 50732    | 10.72 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.41  | 162  | 44514    | 11.19 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.49  | 65   | 10218    | 8.78  | nq    | 96       |
| 48) Acenaphthylene             | 9.82  | 152  | 69724    | 10.53 | nq    | 99       |
| 49) Dimethylphthalate          | 9.68  | 163  | 46089    | 9.92  | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.74  | 165  | 8092     | 9.65  | nq    | # 88     |
| 51) Acenaphthene               | 10.00 | 154  | 43094    | 10.82 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.90  | 138  | 10002    | 10.12 | nq    | 93       |
| 53) 2,4-Dinitrophenol          | 10.01 | 184  | 1968     | 6.04  | nq    | 90       |
| 54) Dibenzofuran               | 10.17 | 168  | 61870    | 10.90 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.05 | 139  | 6310     | 8.30  | nq    | 85       |
| 56) 2,4-Dinitrotoluene         | 10.14 | 165  | 9887     | 9.13  | nq    | # 94     |
| 57) Fluorene                   | 10.51 | 166  | 47004    | 10.58 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.28 | 232  | 10601    | 9.90  | nq    | # 80     |
| 59) Diethylphthalate           | 10.38 | 149  | 45403    | 9.95  | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.51 | 204  | 21210    | 10.75 | nq    | 99       |
| 61) 4-Nitroaniline             | 10.51 | 138  | 9302     | 9.92  | nq    | 95       |
| 62) Azobenzene                 | 10.66 | 77   | 45184    | 10.30 | nq    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 10.54 | 198  | 3057     | 6.22  | nq    | 97       |
| 65) n-Nitrosodiphenylamine     | 10.62 | 169  | 34658    | 10.23 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.00 | 248  | 11600    | 11.23 | nq    | 95       |
| 67) Hexachlorobenzene          | 11.06 | 284  | 14687    | 11.75 | nq    | # 87     |
| 68) Atrazine                   | 11.14 | 200  | 8494     | 9.00  | nq    | 95       |
| 69) Pentachlorophenol          | 11.25 | 266  | 4978     | 8.21  | nq    | 96       |
| 70) Phenanthrene               | 11.47 | 178  | 62847    | 10.41 | nq    | 100      |
| 71) Anthracene                 | 11.53 | 178  | 60121    | 10.35 | nq    | 98       |
| 72) Carbazole                  | 11.68 | 167  | 50353    | 9.75  | nq    | 98       |
| 73) Di-n-butylphthalate        | 12.02 | 149  | 52845    | 8.36  | nq    | 99       |
| 74) Fluoranthene               | 12.69 | 202  | 50947    | 8.96  | nq    | 96       |
| 76) Benzidine                  | 12.83 | 184  | 16078    | 9.07  | nq    | 99       |
| 77) Pyrene                     | 12.93 | 202  | 48549    | 13.68 | nq    | 97       |
| 79) Butylbenzylphthalate       | 13.64 | 149  | 12529    | 8.86  | nq    | # 84     |
| 80) Benzo(a)anthracene         | 14.29 | 228  | 31190    | 9.90  | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.26 | 252  | 7738     | 7.77  | nq    | # 99     |
| 82) Chrysene                   | 14.33 | 228  | 29556    | 9.98  | nq    | 93       |
| 83) Bis(2-ethylhexyl)phthalate | 14.32 | 149  | 12529    | 5.99  | nq    | # 96     |
| 84) Di-n-octyl phthalate       | 15.09 | 149  | 14647    | 4.45  | nq    | # 89     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.52 | 276  | 11807    | 3.77  | nq    | 95       |
| 87) Benzo(b)fluoranthene       | 15.57 | 252  | 17531    | 10.20 | nq    | 96       |
| 88) Benzo(k)fluoranthene       | 15.61 | 252  | 17048m   | 11.77 | nq    |          |
| 89) Benzo(a)pyrene             | 15.95 | 252  | 14332    | 9.70  | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 17.55 | 278  | 9227     | 6.25  | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.96 | 276  | 9312     | 6.23  | nq    | # 87     |

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





#1

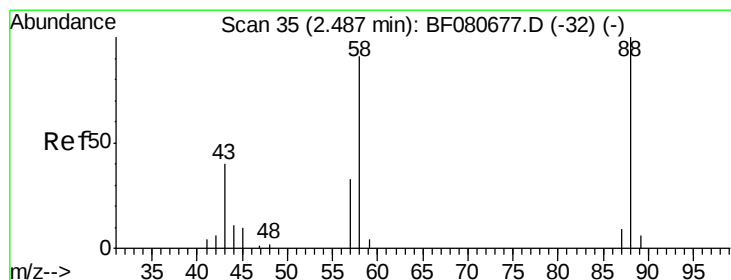
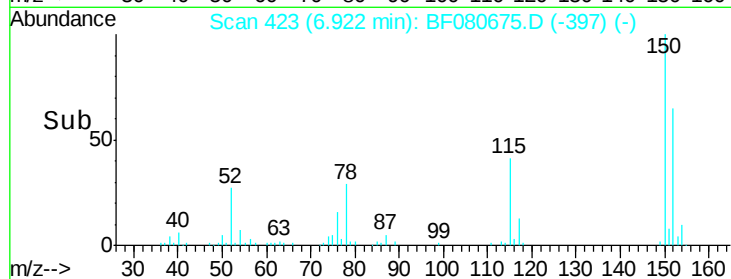
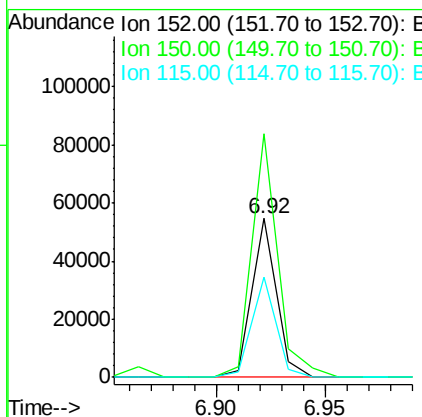
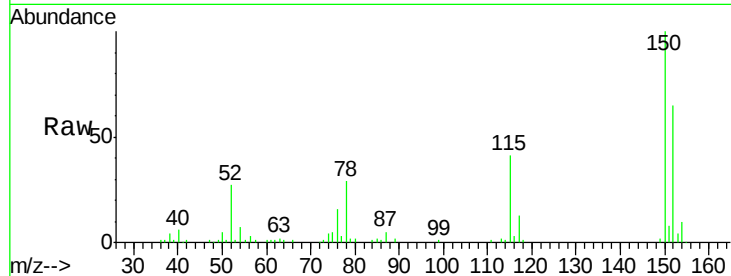
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.92 min Scan# 423  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.3 | 127.7 | 191.5 |
| 115     | 63.2  | 54.2  | 81.4  |

Manual Integrations  
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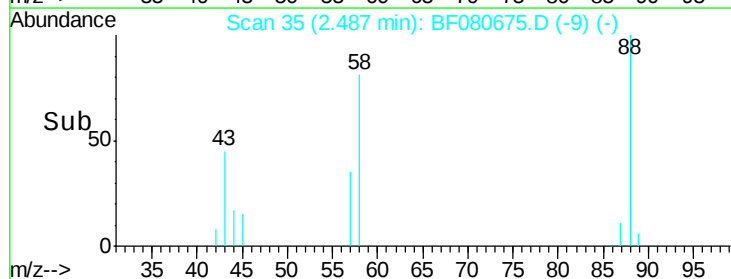
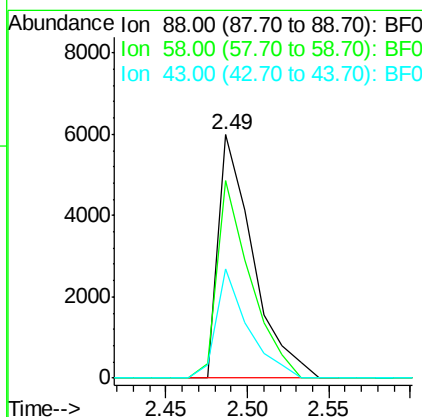
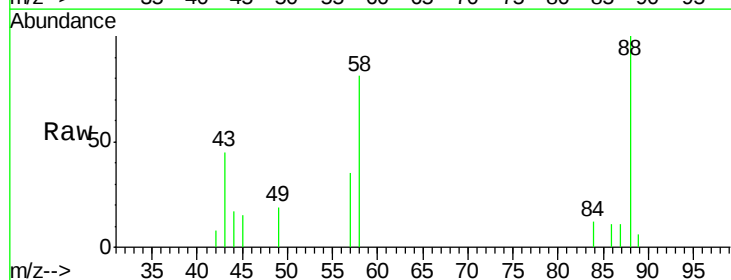
apatel  
7/29/2015 10:39:46 AM

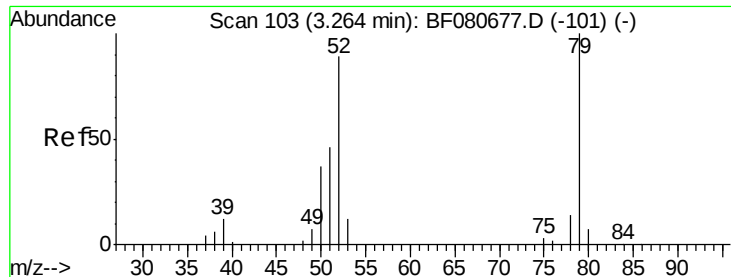


#2

1,4-Dioxane  
Concen: 7.67 ng  
RT: 2.49 min Scan# 35  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 78.3  | 71.6  | 107.4 |
| 43      | 41.6  | 31.4  | 47.0  |





#3

Pvridine

Concen: 8.20 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.05 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

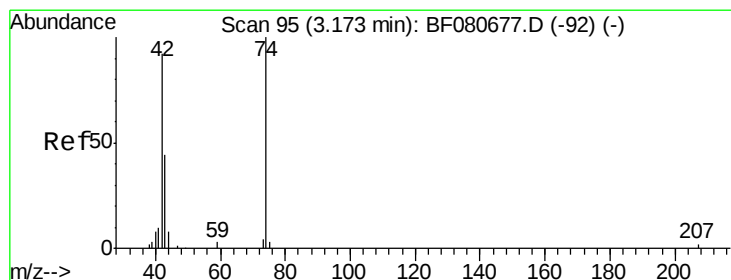
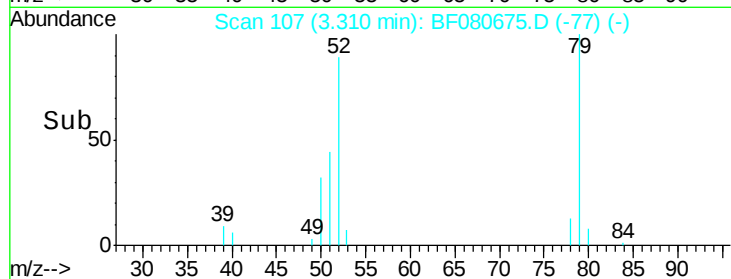
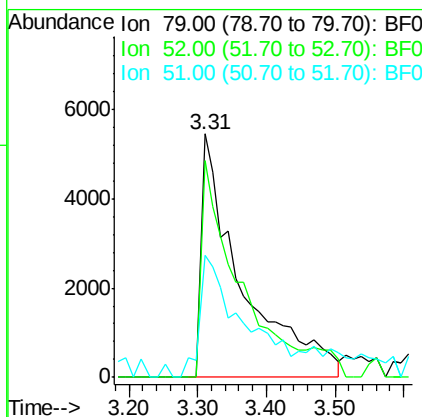
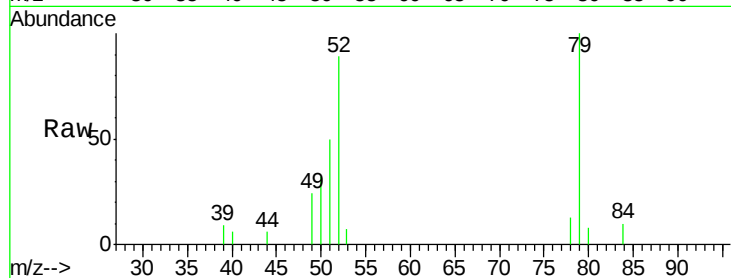
ClientSampleId :

SSTDIC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 22132 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 89.1  | 71.1  | 106.7 |
| 51        | 50.4  | 39.0  | 58.4  |

Manual Integrations  
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7/29/2015 10:39:46 AM



#4

n-Nitrosodimethylamine

Concen: 8.04 ng

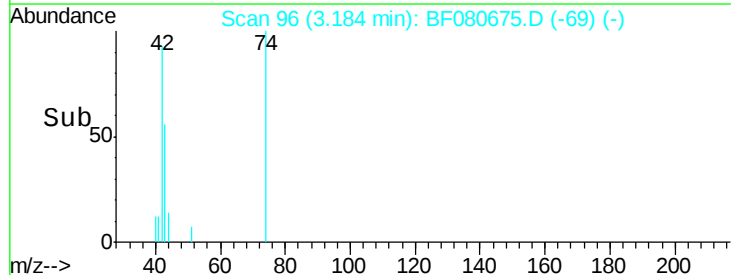
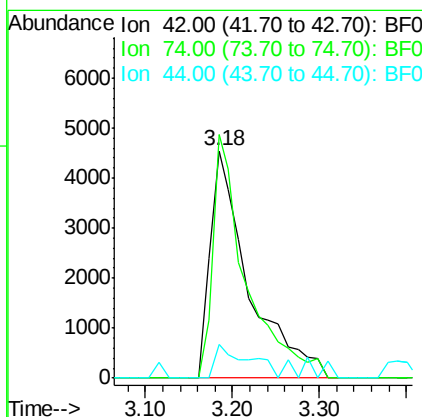
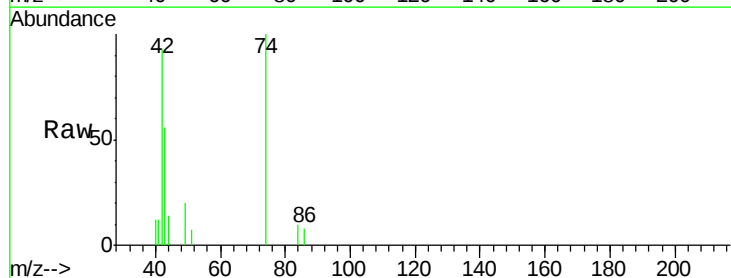
RT: 3.18 min Scan# 96

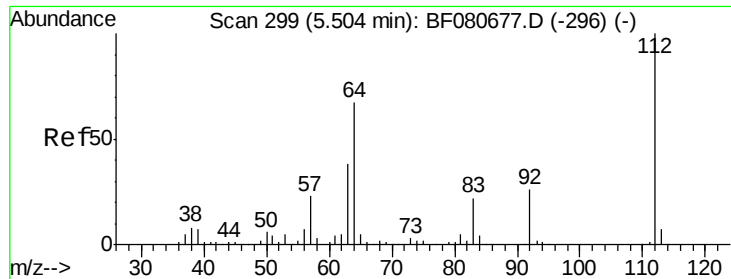
Delta R.T. 0.01 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 14114 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 107.0 | 87.0  | 130.6 |
| 44        | 15.0  | 6.9   | 10.3# |





#5

2-Fluorophenol

Concen: 18.99 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

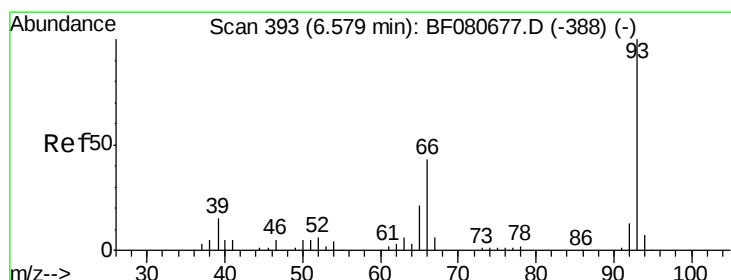
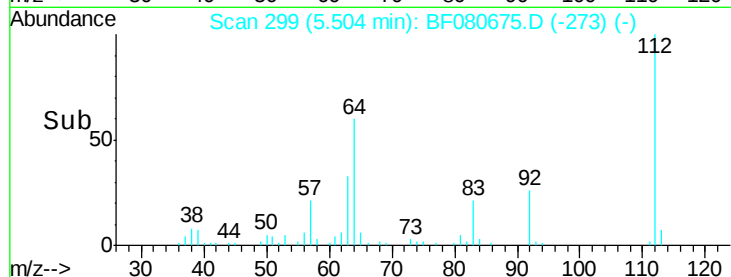
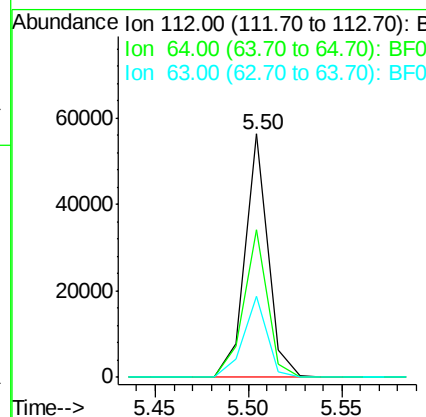
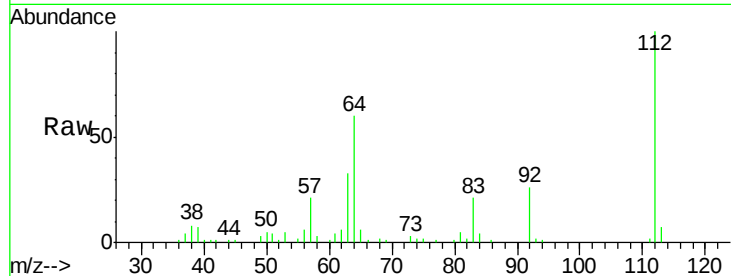
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 112   | Resp: | 48573 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 60.4  | 53.2  | 79.8  |
| 63        | 33.1  | 30.4  | 45.6  |

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#6

Aniline

Concen: 9.17 ng

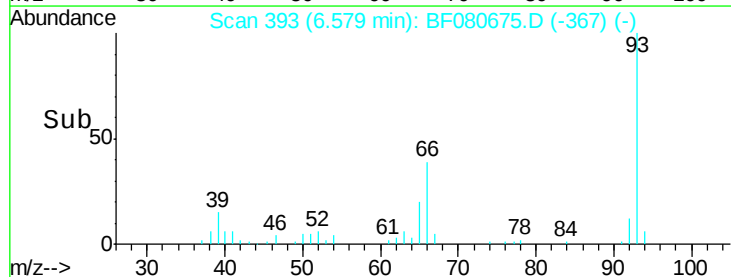
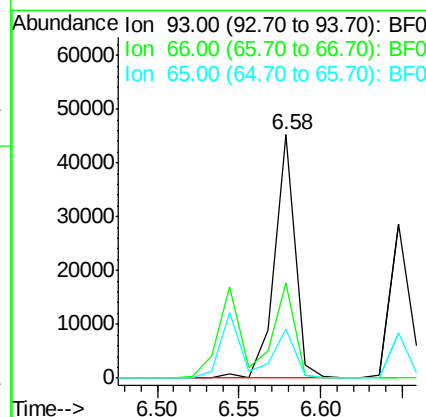
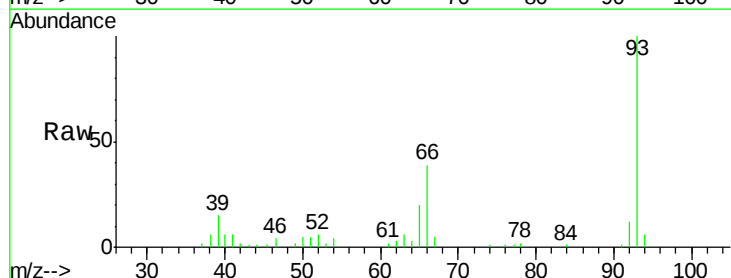
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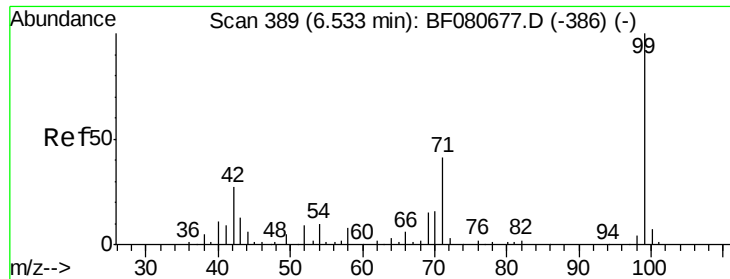
Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 39409 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 39.1  | 34.6  | 52.0  |
| 65        | 20.1  | 16.5  | 24.7  |





#7

Phenol-d6

Concen: 19.52 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

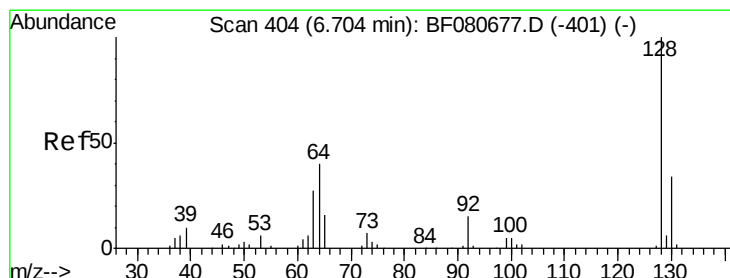
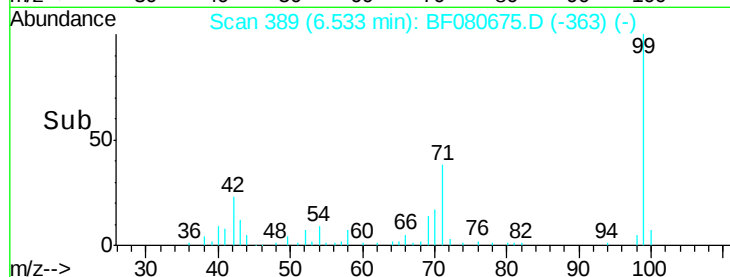
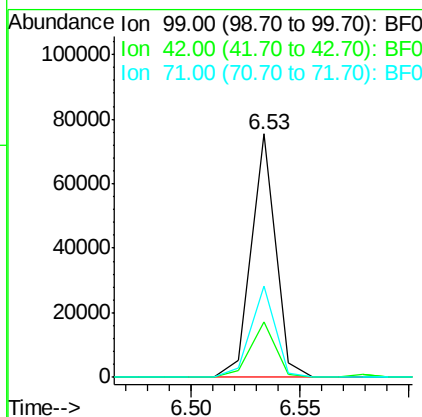
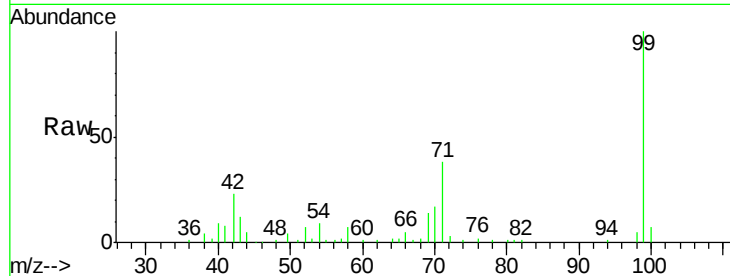
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 99    | Resp: | 58398 |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 22.7  | 21.8  | 32.8  |
| 71        | 37.7  | 32.9  | 49.3  |

Manual Integrations  
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apatel  
7/29/2015 10:39:46 AM



#8

2-Chlorophenol

Concen: 8.80 ng

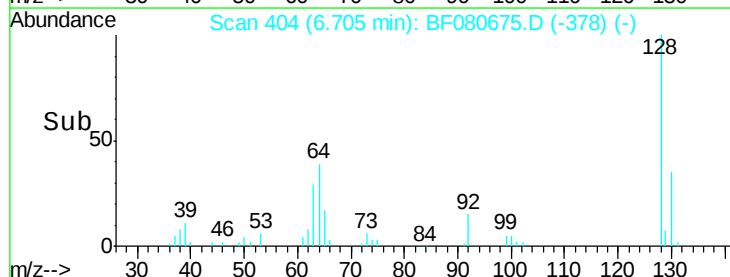
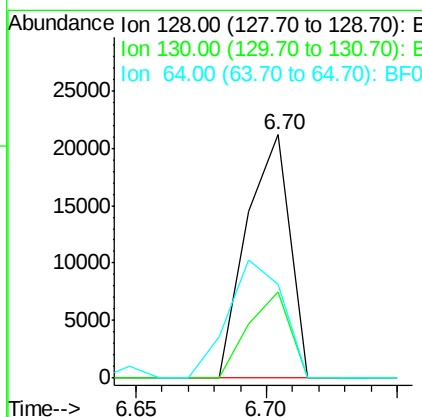
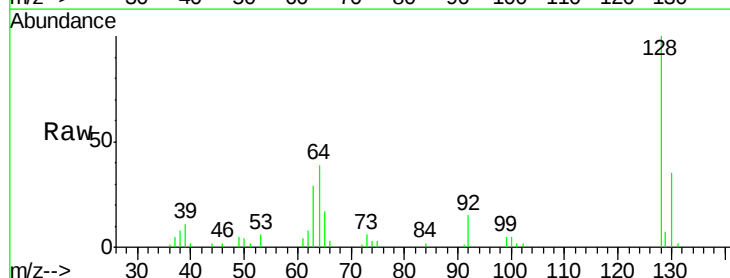
RT: 6.70 min Scan# 404

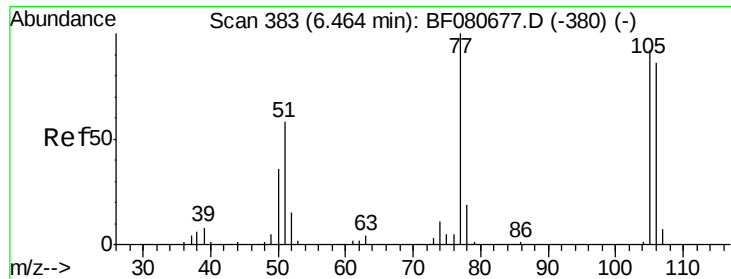
Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 24459 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 35.3  | 14.0  | 54.0  |
| 64        | 38.8  | 20.6  | 60.6  |





#9

Benzaldehyde

Concen: 10.45 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

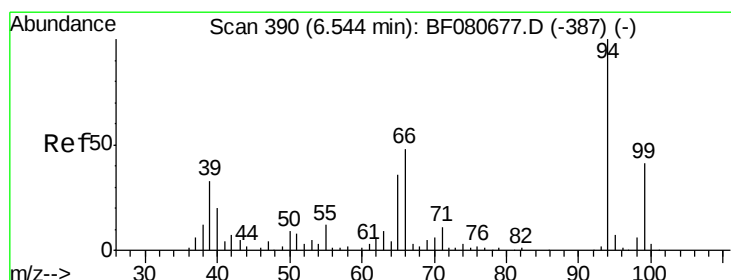
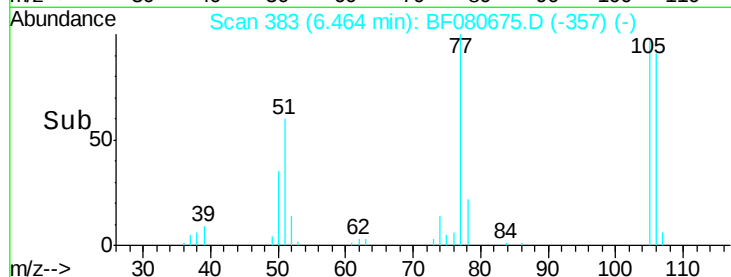
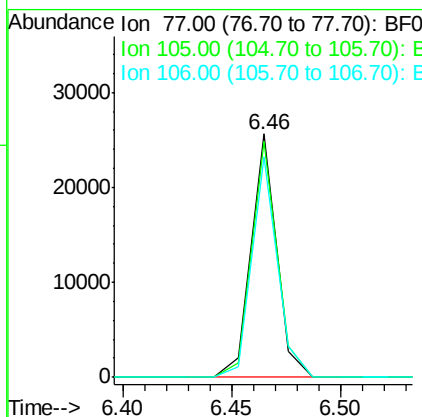
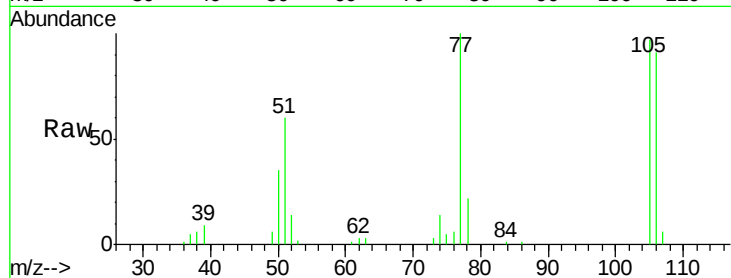
ClientSampleId :

SSTDICC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 20885 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 97.0  | 72.1  | 112.1 |
| 106      | 90.8  | 65.5  | 105.5 |

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#10

Phenol

Concen: 9.37 ng

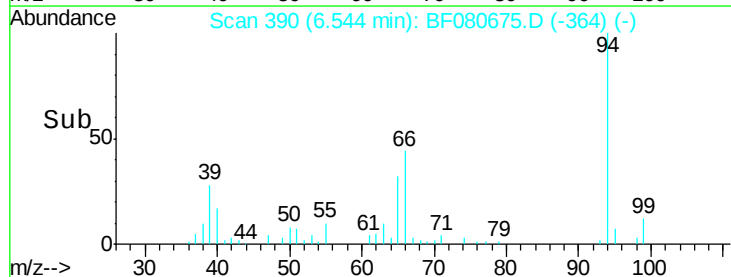
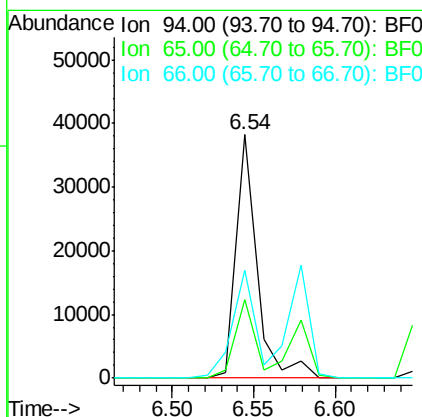
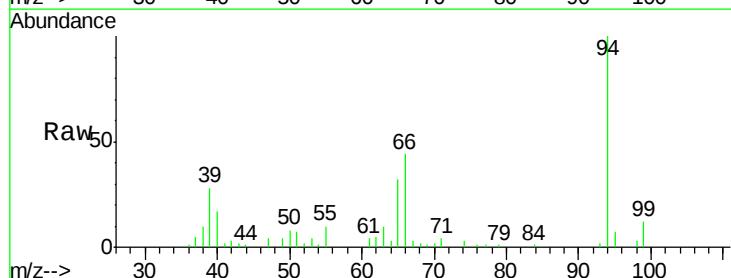
RT: 6.54 min Scan# 390

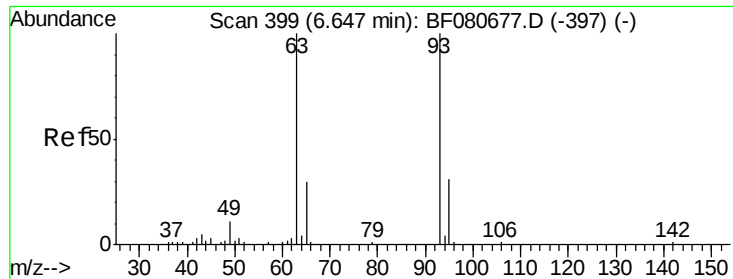
Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 33738 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 32.2  | 16.0  | 56.0  |
| 66       | 44.4  | 28.1  | 68.1  |





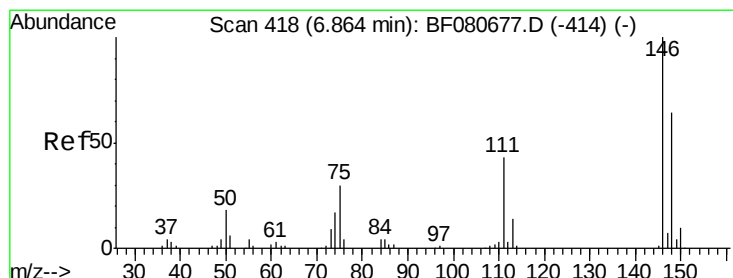
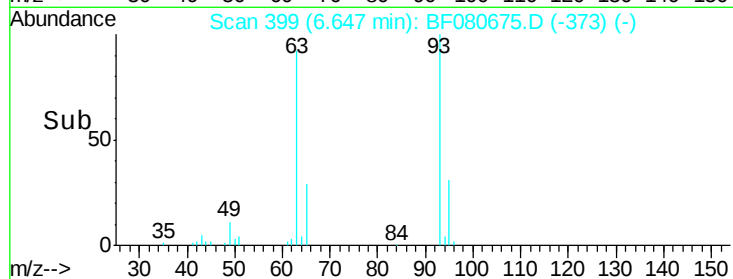
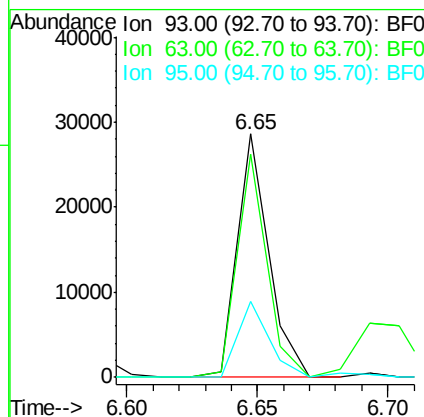
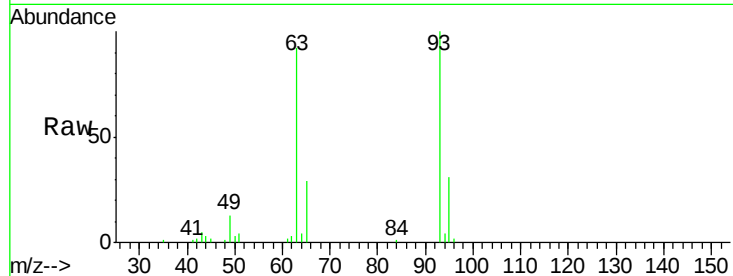
#11  
bis(2-Chloroethyl)ether  
Concen: 9.16 ng  
RT: 6.65 min Scan# 399  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 91.8  | 79.7  | 119.7 |
| 95      | 31.2  | 11.0  | 51.0  |

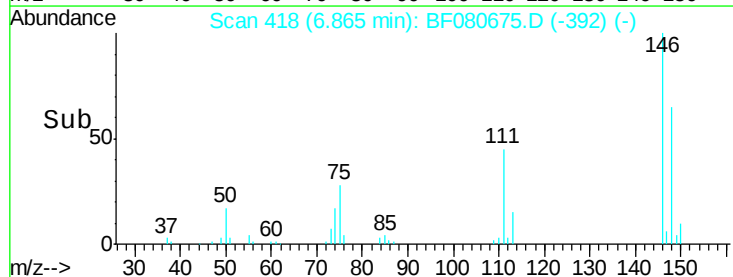
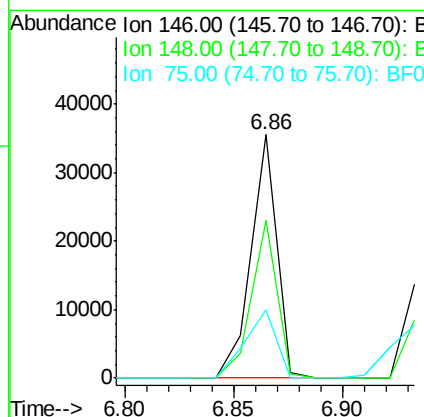
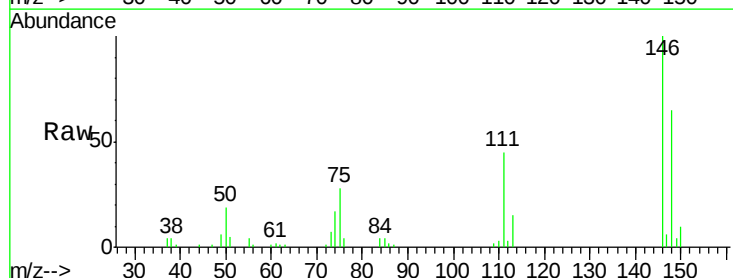
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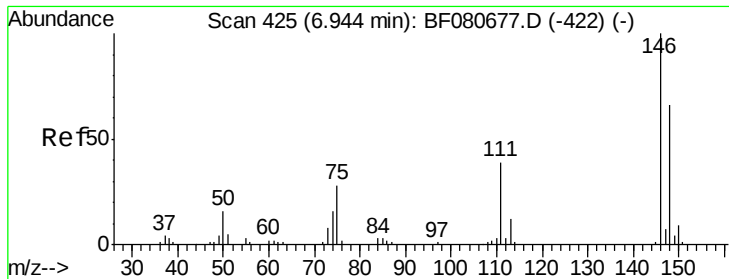
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#12  
1,3-Dichlorobenzene  
Concen: 9.52 ng  
RT: 6.86 min Scan# 418  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 51.2  | 76.8  |
| 75      | 28.0  | 23.9  | 35.9  |





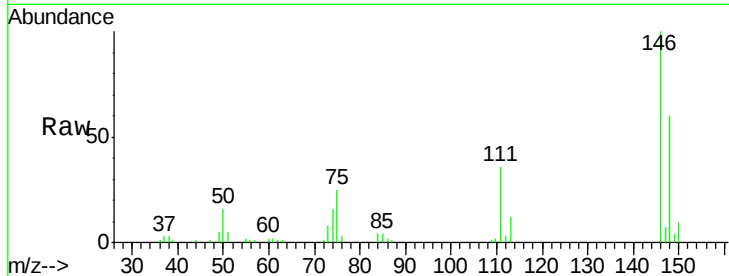
#13  
 1,4-Dichlorobenzene  
 Concen: 9.55 ng  
 RT: 6.94 min Scan# 425  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

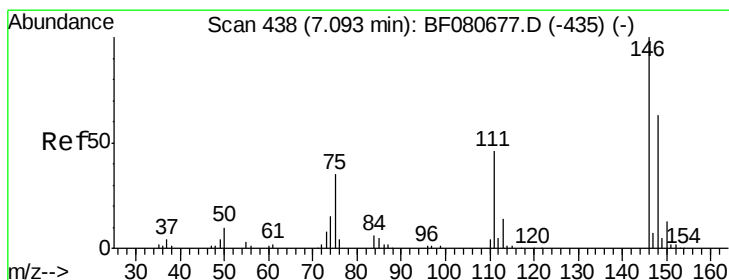
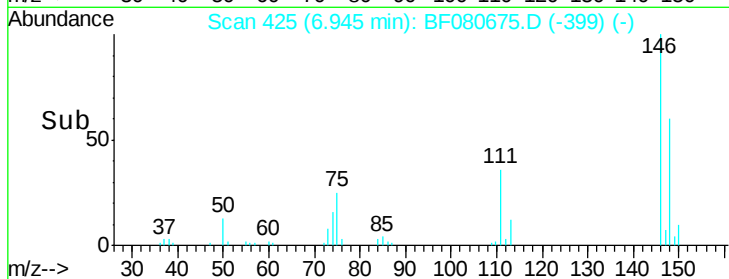
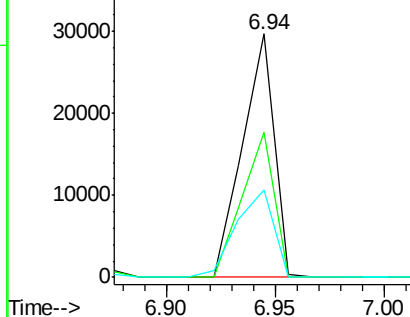
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 59.5  | 52.7  | 79.1  |
| 111     | 36.0  | 31.1  | 46.7  |

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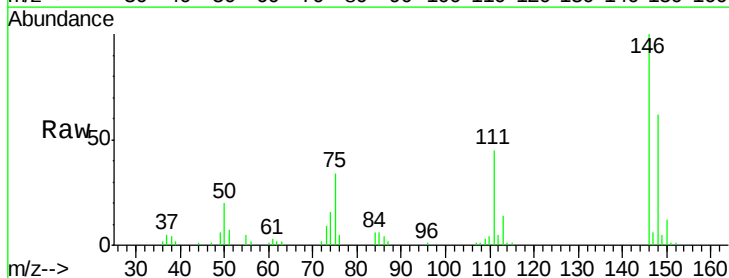


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

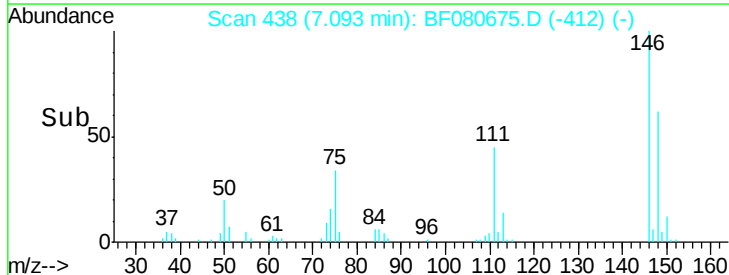
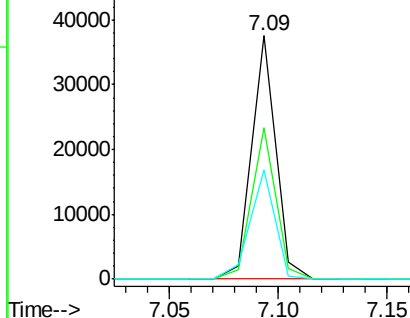


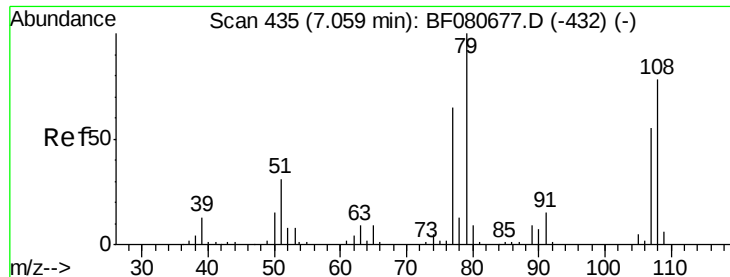
#14  
 1,2-Dichlorobenzene  
 Concen: 9.42 ng  
 RT: 7.09 min Scan# 438  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.1  | 50.6  | 76.0  |
| 111     | 45.1  | 37.2  | 55.8  |



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.69 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

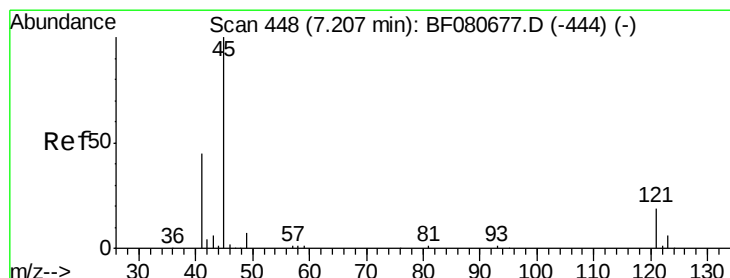
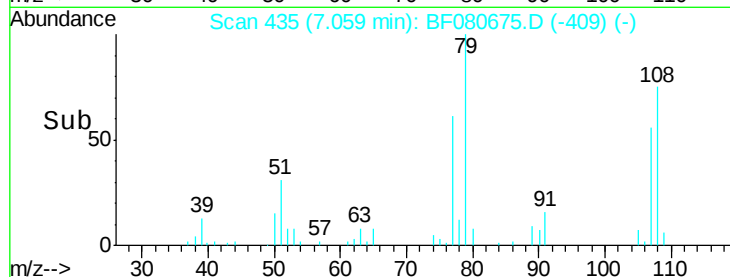
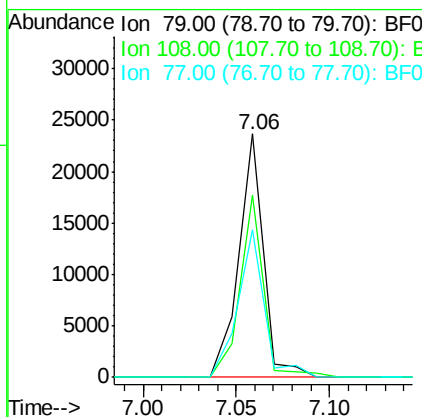
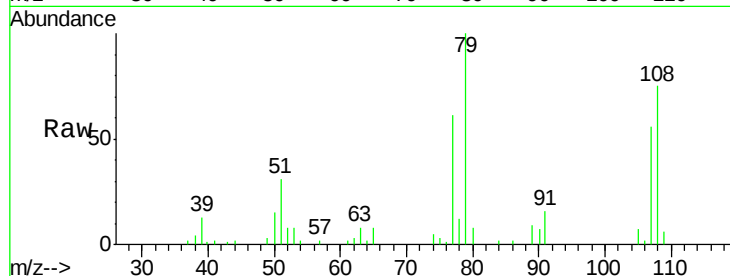
ClientSampleId :

SSTDIC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 21899 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 75.0  | 62.7  | 94.1  |
| 77        | 60.8  | 51.8  | 77.8  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.31 ng

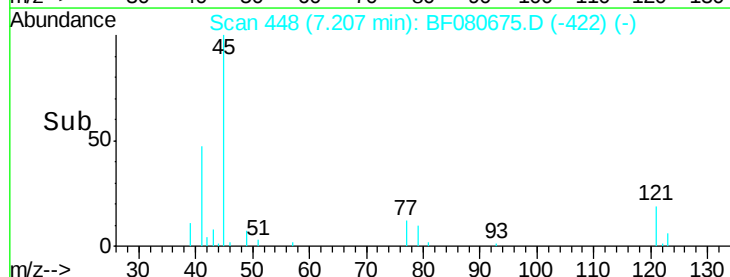
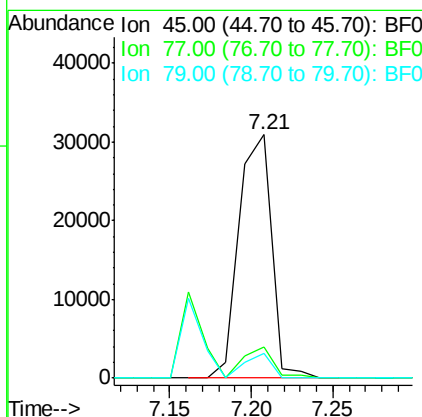
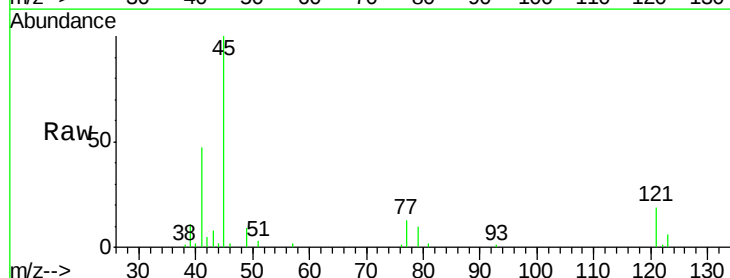
RT: 7.21 min Scan# 448

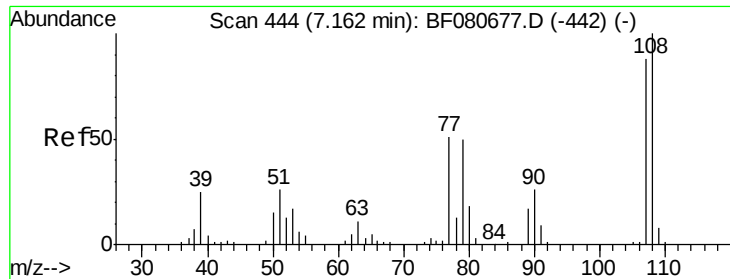
Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 42686 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 12.8  | 0.0   | 33.4  |
| 79        | 10.1  | 0.0   | 28.8  |





#17

2-Methylphenol

Concen: 8.12 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

Tot Ion:107 Resp: 17672

Ion Ratio Lower Upper

107 100

108 121.7 91.3 136.9

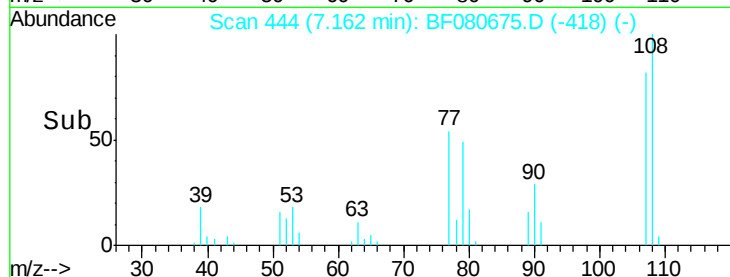
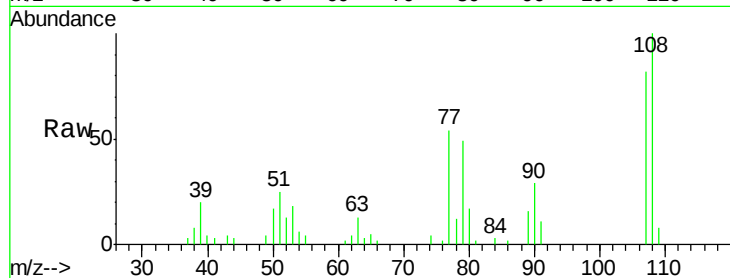
77 65.2 47.0 70.4

79 59.9 45.6 68.4

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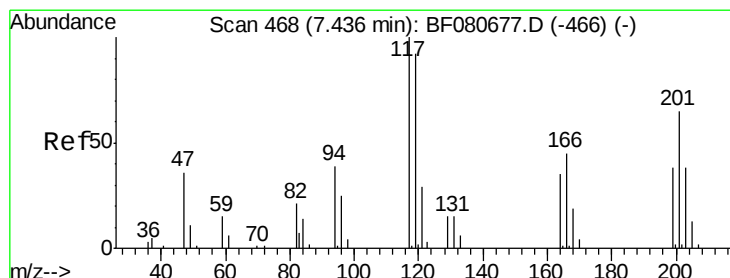
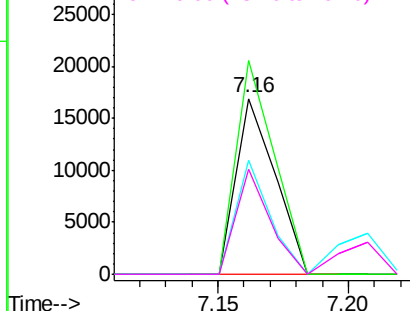
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 7.83 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

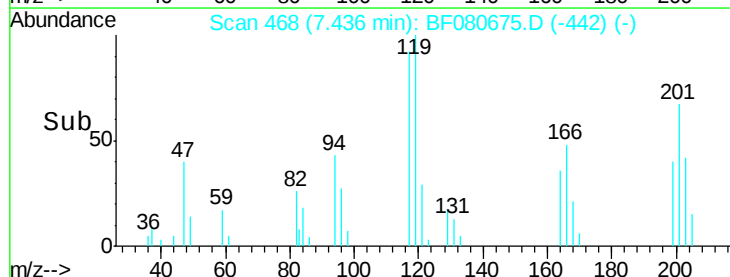
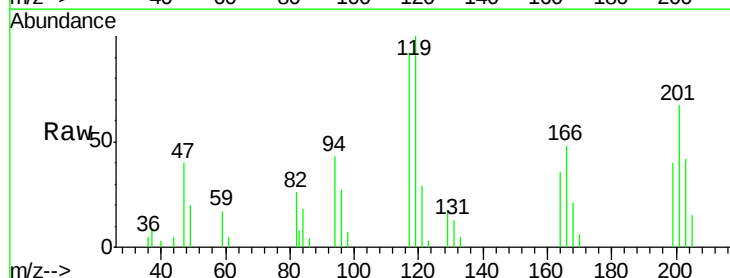
Tgt Ion:117 Resp: 9474

Ion Ratio Lower Upper

117 100

119 108.6 73.6 110.4

201 72.6 52.2 78.2

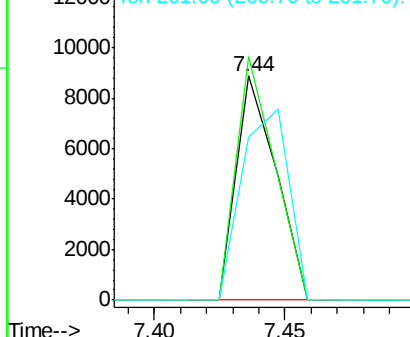


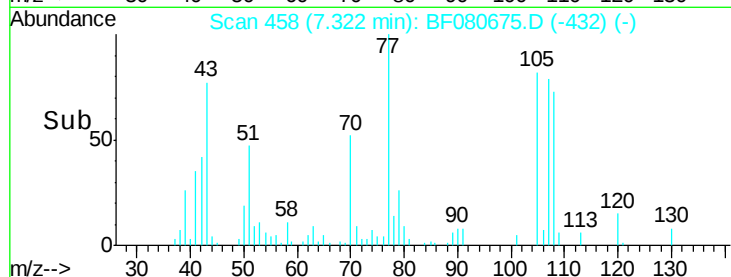
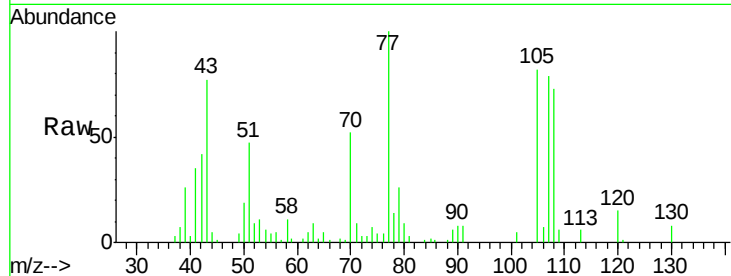
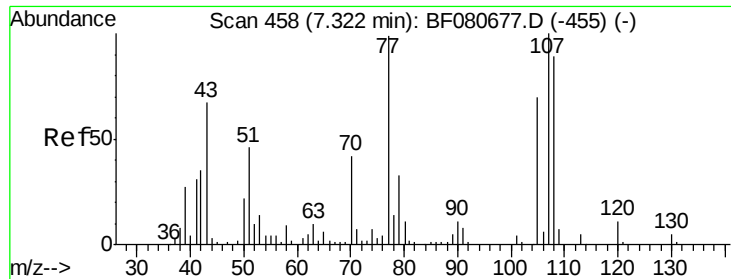
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





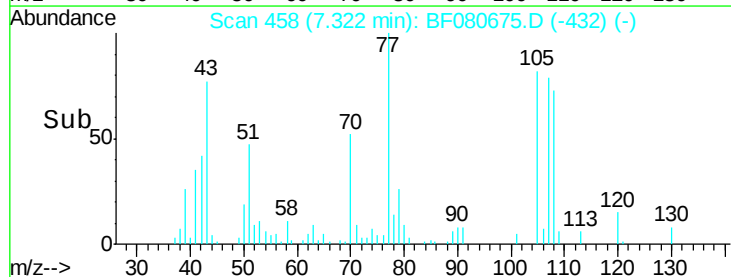
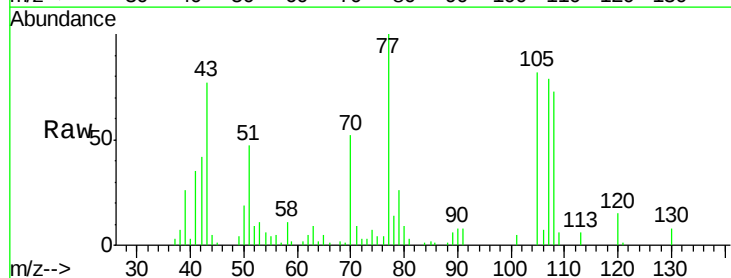
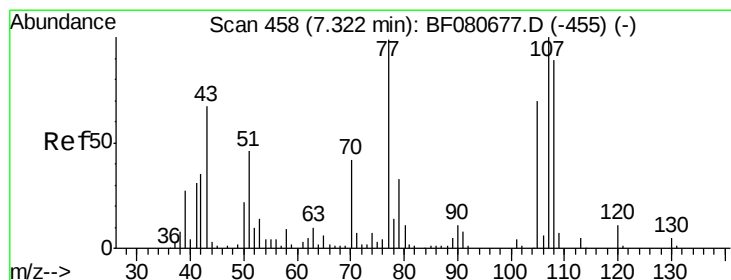
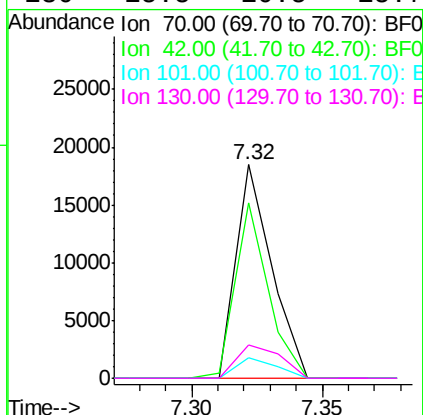
#19  
n-Nitroso-di-n-propylamine  
Concen: 8.22 ng  
RT: 7.32 min Scan# 458  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 81.9 | 67.4  | 101.2 |       |
| 101     | 9.9  | 7.3   | 10.9  |       |
| 130     | 15.5 | 10.5  | 15.7  |       |

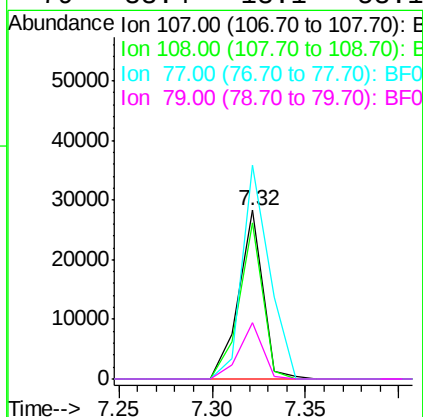
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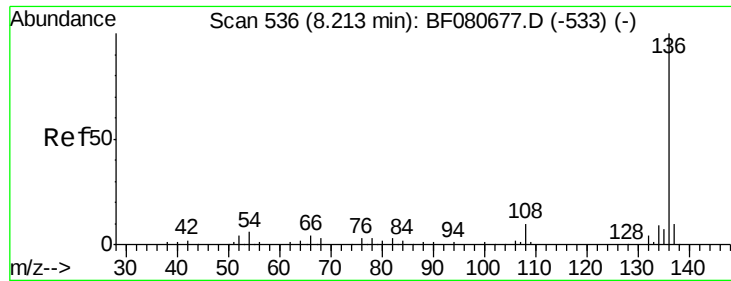
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#20  
3+4-Methylphenols  
Concen: 9.02 ng  
RT: 7.32 min Scan# 458  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |
| 108     | 93.0  | 68.7  | 108.7 |       |
| 77      | 126.9 | 78.9  | 118.9 |       |
| 79      | 33.4  | 13.1  | 53.1  |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

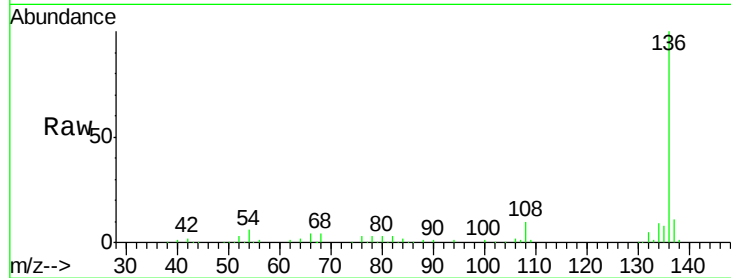
ClientSampleId :

SSTDICC010

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 144552 |       |       |
| 137     | 10.7 |       | 8.2    | 12.2  |       |
| 54      | 6.4  |       | 5.0    | 7.4   |       |
| 68      | 3.5  |       | 2.7    | 4.1   |       |

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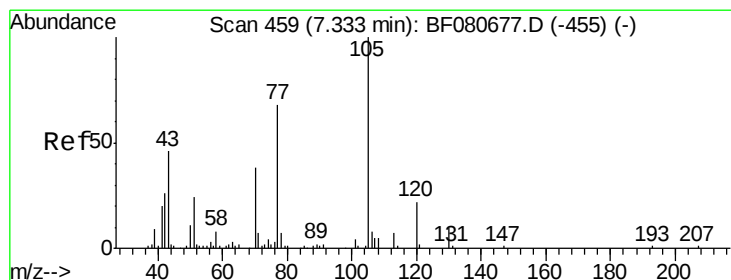
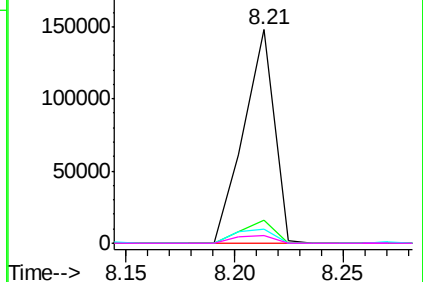
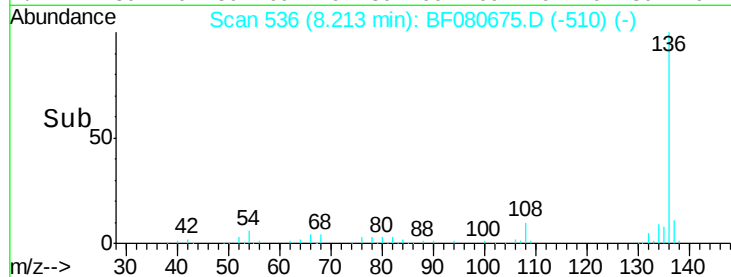


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 9.24 ng

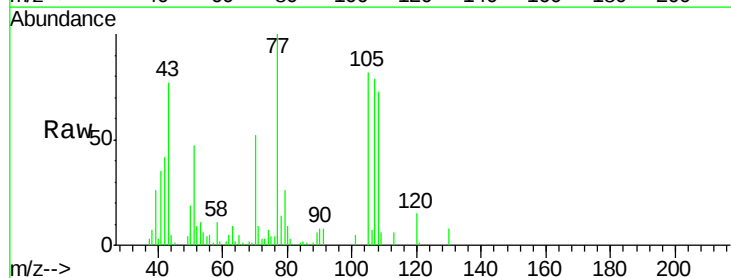
RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 105     | 100  |       | 34542 |       |       |
| 71      | 10.9 |       | 5.4   | 8.2#  |       |
| 51      | 57.8 |       | 19.6  | 29.4# |       |
| 120     | 18.8 |       | 17.4  | 26.2  |       |

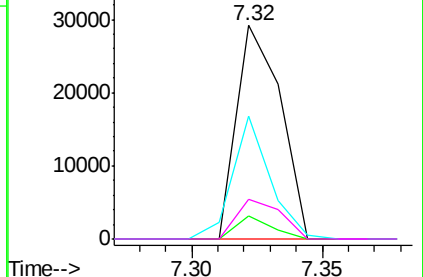
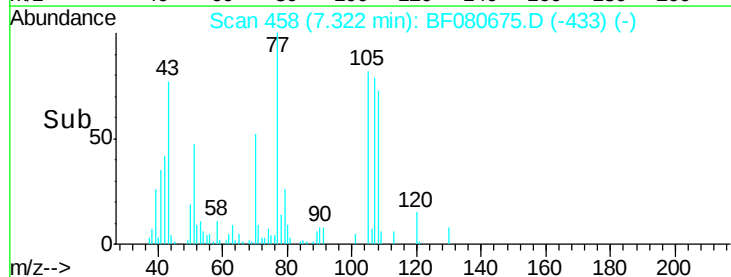


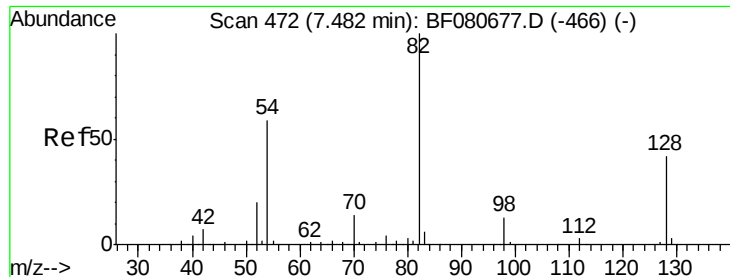
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





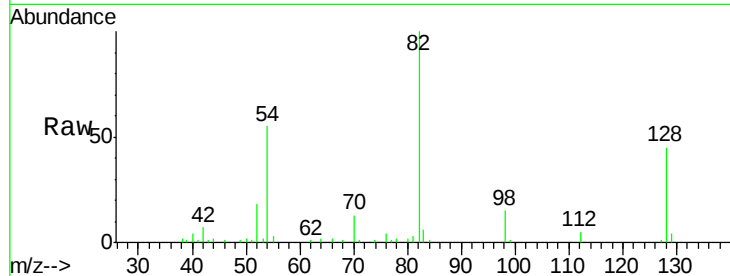
#23  
Nitrobenzene-d5  
Concen: 18.08 ng  
RT: 7.48 min Scan# 472  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

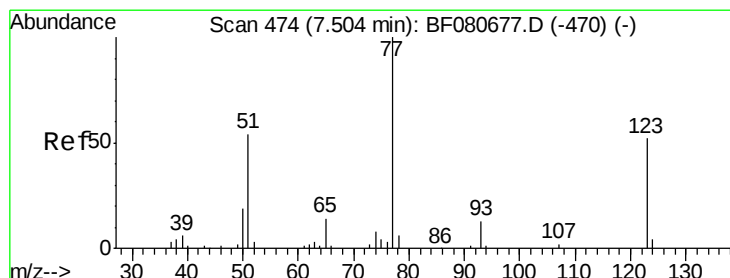
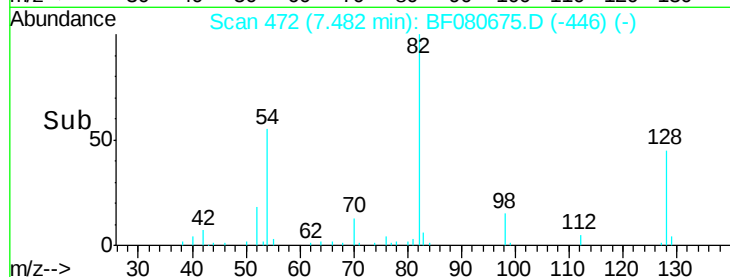
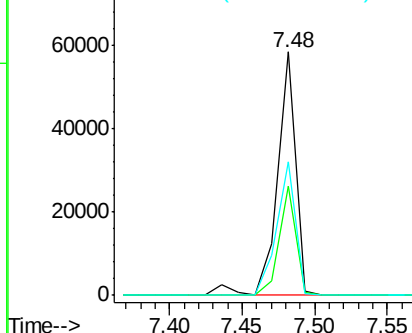
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.9  | 33.7  | 50.5  |
| 54      | 54.9  | 47.3  | 70.9  |

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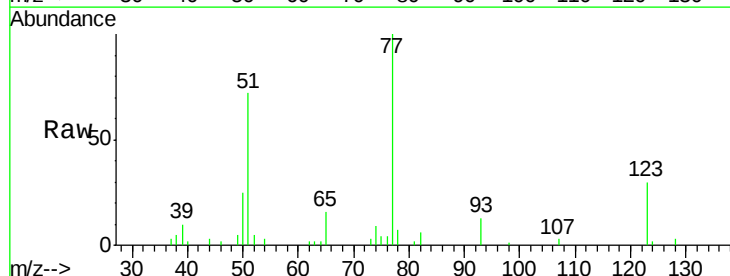


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

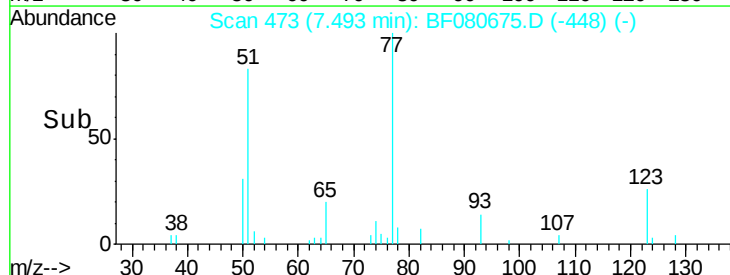
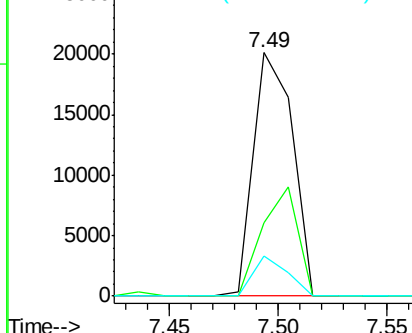


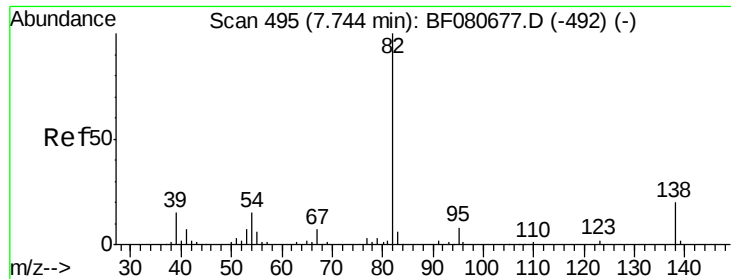
#24  
Nitrobenzene  
Concen: 8.85 ng  
RT: 7.49 min Scan# 473  
Delta R.T. -0.01 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 30.2  | 41.8  | 62.8# |
| 65      | 16.4  | 10.8  | 16.2# |



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: 8.59 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

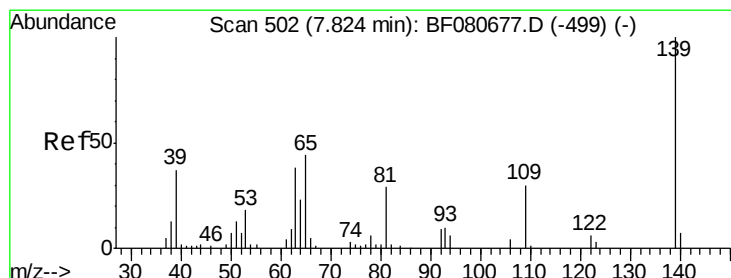
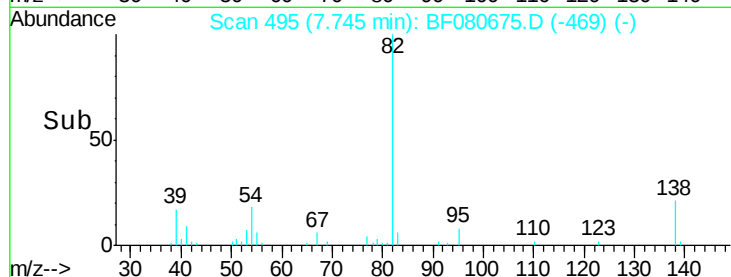
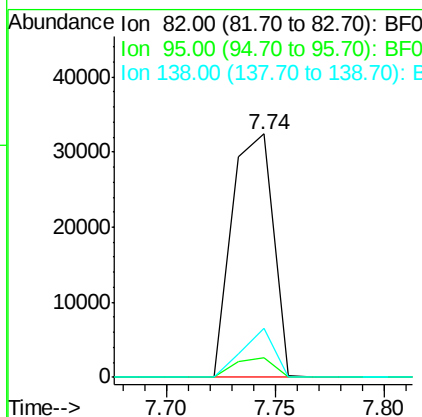
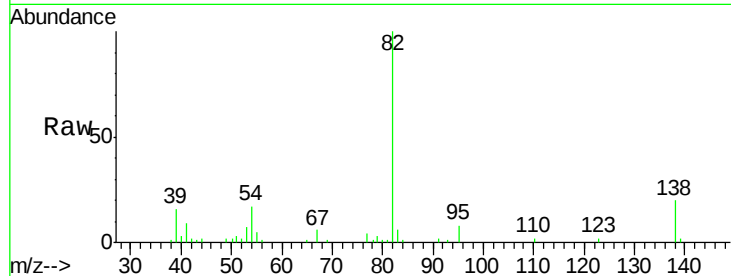
ClientSampleId :

SSTDIC010

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 82   | Resp: | 42596 |
| Ion Ratio |      | Lower | Upper |
| 82        | 100  |       |       |
| 95        | 8.1  | 6.2   | 9.2   |
| 138       | 20.0 | 15.8  | 23.6  |

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#26

2-Nitrophenol

Concen: 8.44 ng

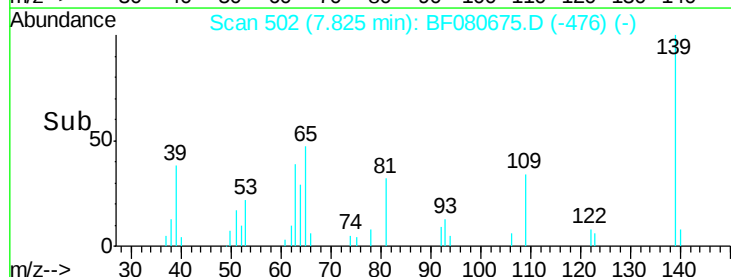
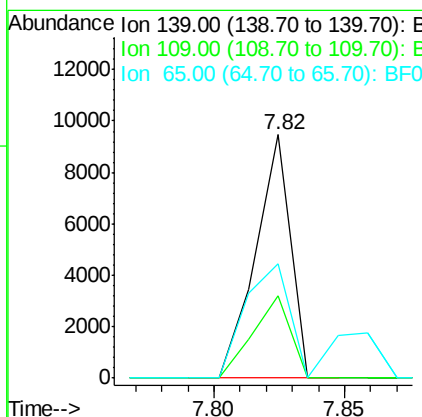
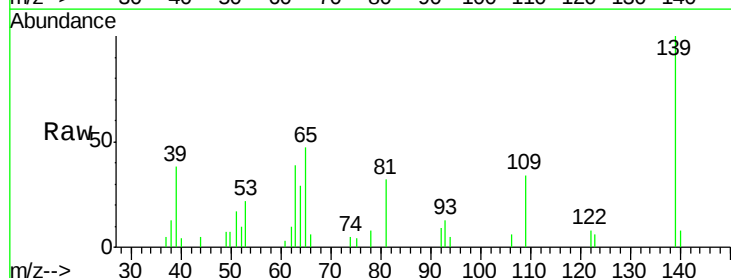
RT: 7.82 min Scan# 502

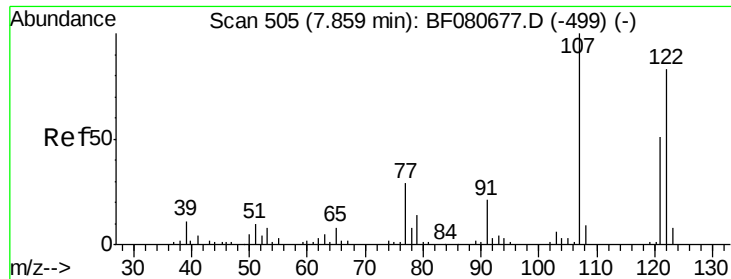
Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 8874  |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 34.0 | 24.2  | 36.2  |
| 65        | 46.8 | 35.0  | 52.6  |





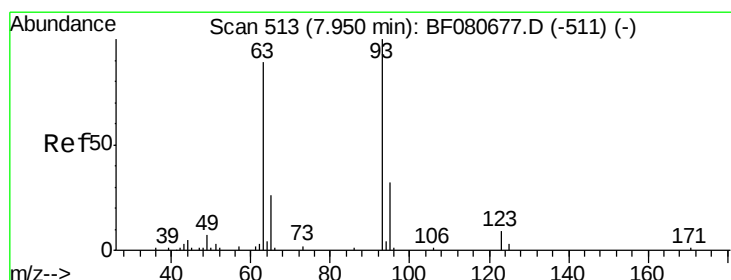
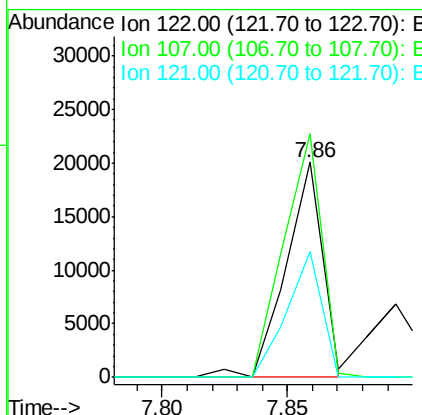
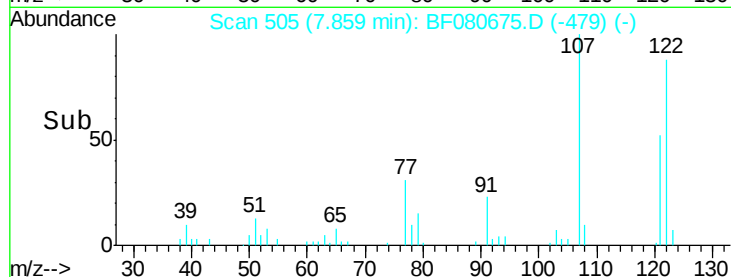
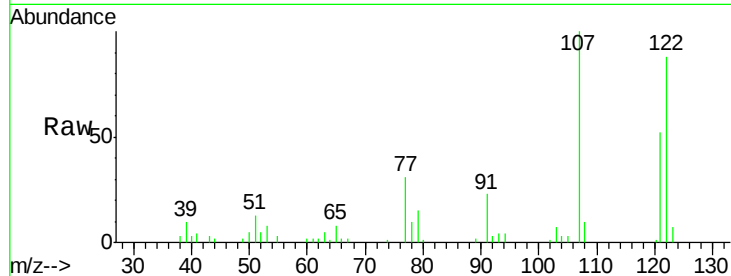
#27  
2,4-Dimethylphenol  
Concen: 9.72 ng/ml  
RT: 7.86 min Scan# 505  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.1 | 95.8  | 143.8 |
| 121     | 58.4  | 49.0  | 73.4  |

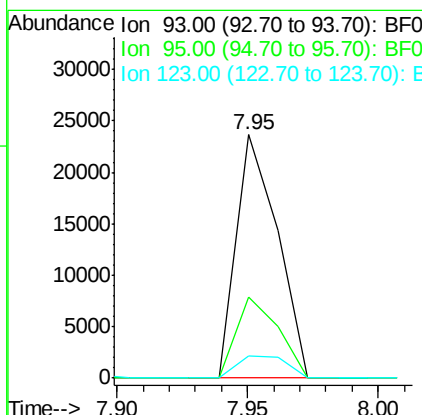
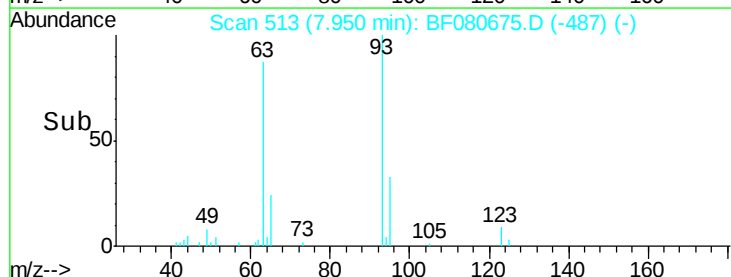
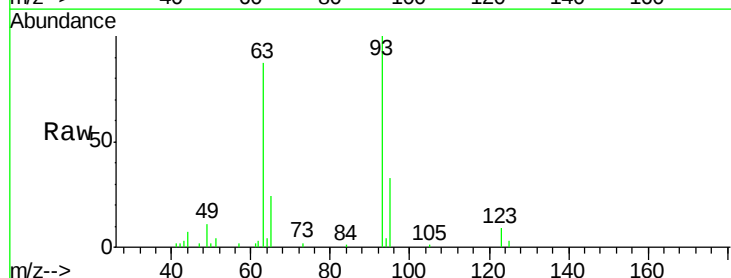
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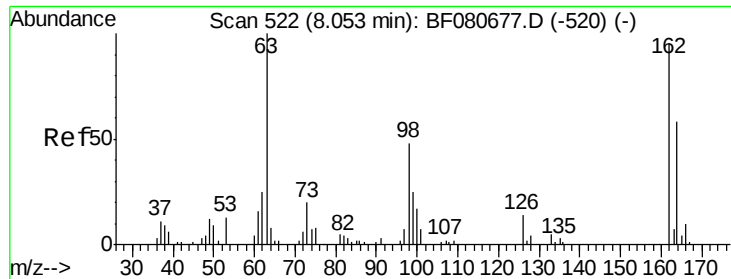
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#28  
bis(2-Chloroethoxy)methane  
Concen: 9.09 ng/ml  
RT: 7.95 min Scan# 513  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.1  | 25.3  | 37.9  |
| 123     | 9.2   | 7.0   | 10.4  |





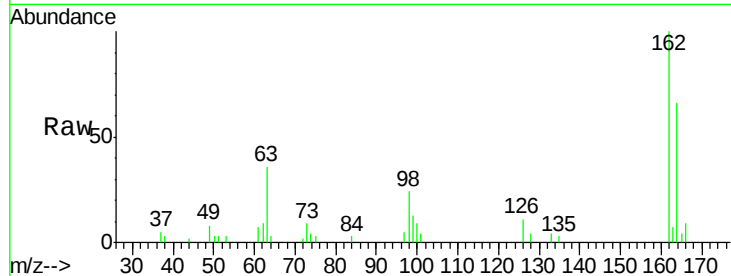
#29  
 2,4-Dichlorophenol  
 Concen: 9.19 ng  
 RT: 8.06 min Scan# 523  
 Delta R.T. 0.01 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

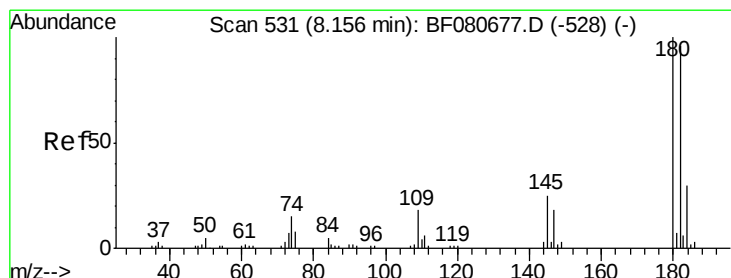
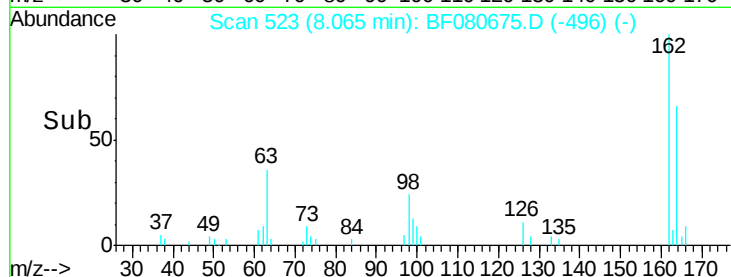
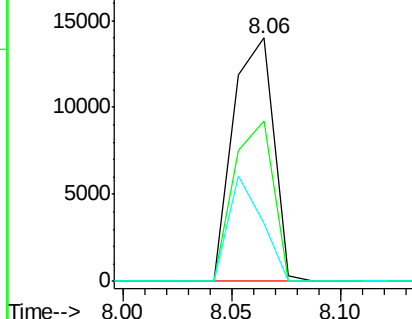
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 17992 |       |       |
| 164     | 65.8  | 41.2  | 81.2  |       |
| 98      | 23.7  | 30.4  | 70.4  |       |

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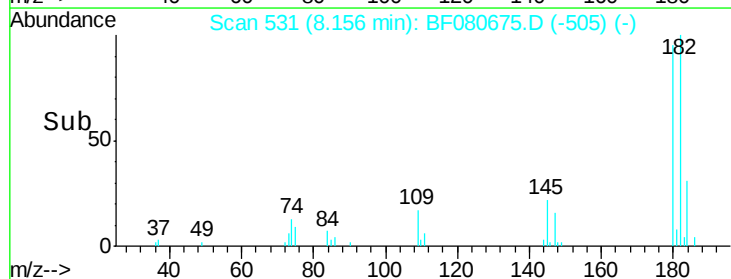
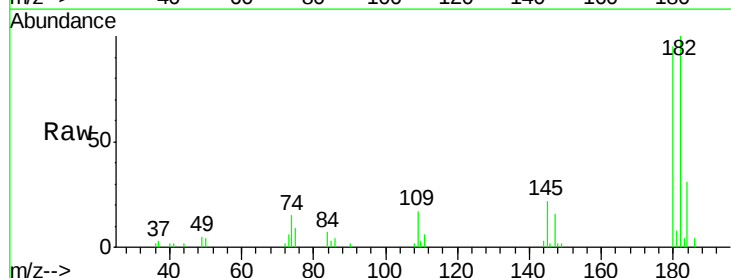
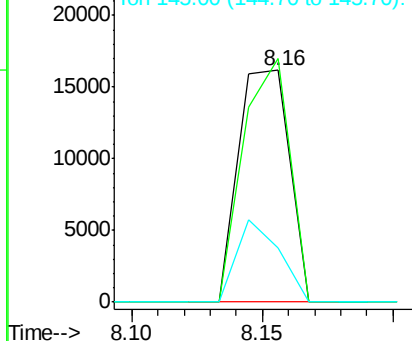
Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

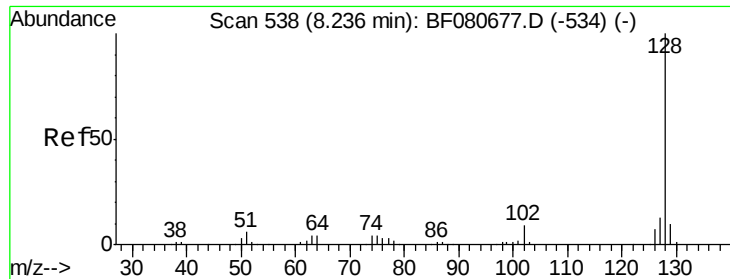


#30  
 1,2,4-Trichlorobenzene  
 Concen: 9.34 ng  
 RT: 8.16 min Scan# 531  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 22033 |       |       |
| 182     | 105.0 | 77.1  | 115.7 |       |
| 145     | 23.4  | 20.0  | 30.0  |       |

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





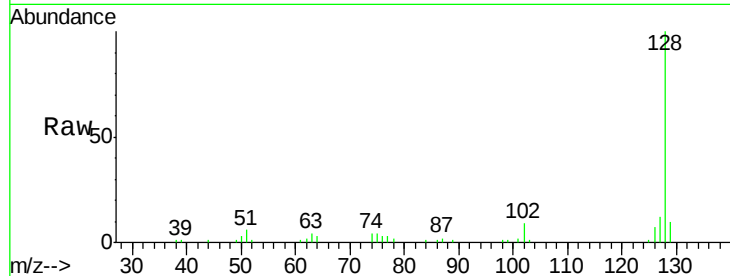
#31  
Naphthalene  
Concen: 9.73 ng  
RT: 8.24 min Scan# 538  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

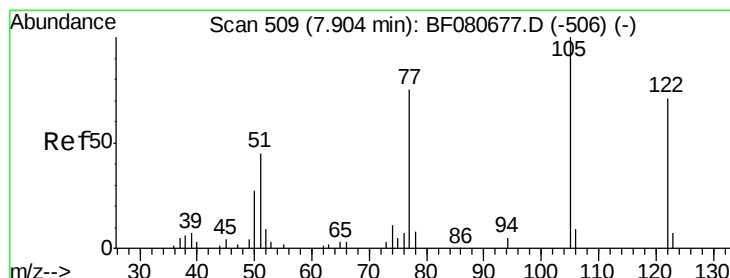
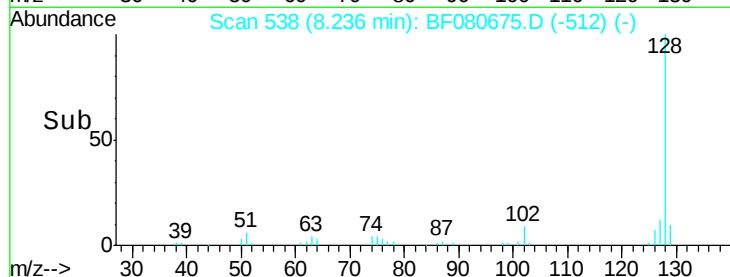
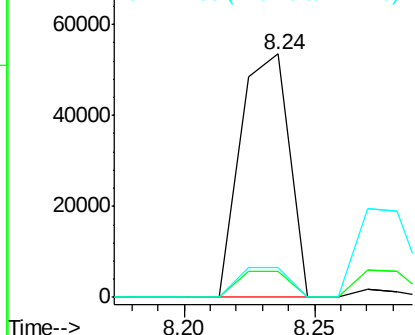
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 8.3   | 12.5  |
| 127     | 12.4  | 10.5  | 15.7  |

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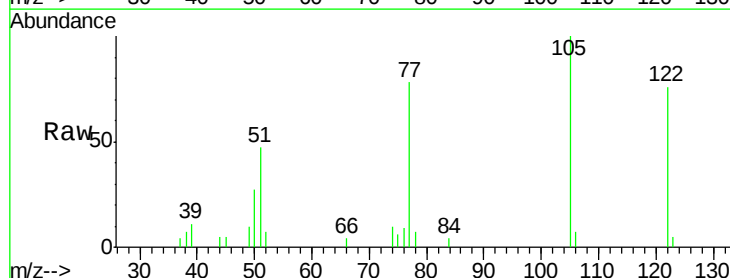


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

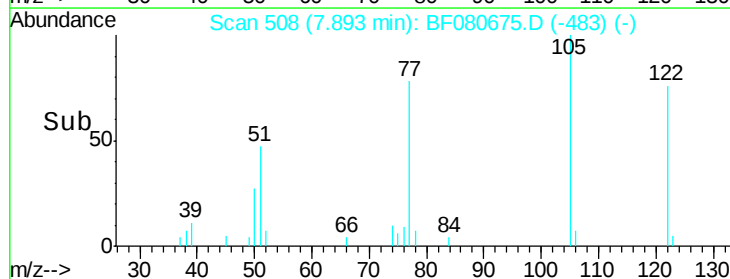
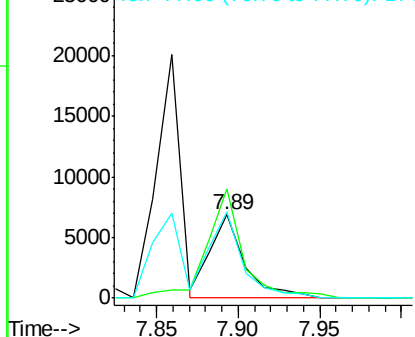


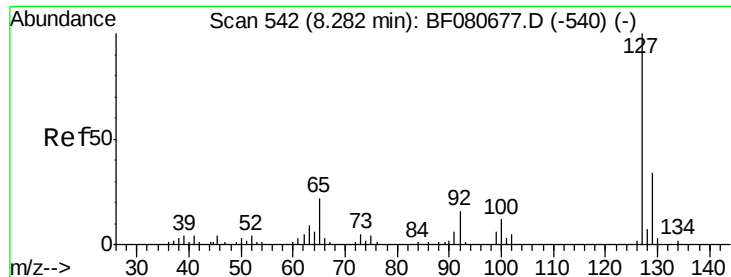
#32  
Benzoic acid  
Concen: 9.37 ng m  
RT: 7.89 min Scan# 508  
Delta R.T. -0.01 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 131.4 | 117.6 | 157.6 |
| 77      | 102.7 | 86.6  | 126.6 |



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





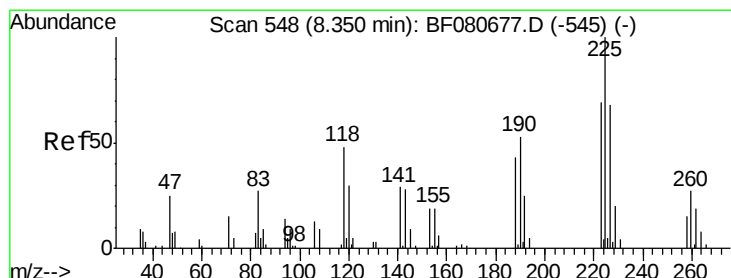
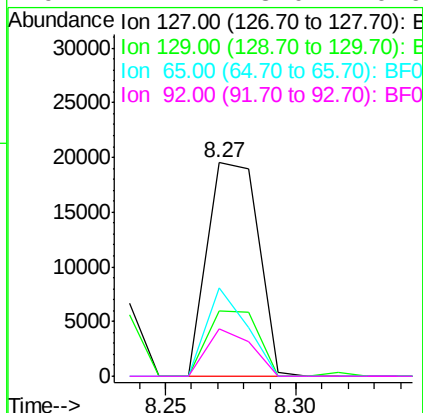
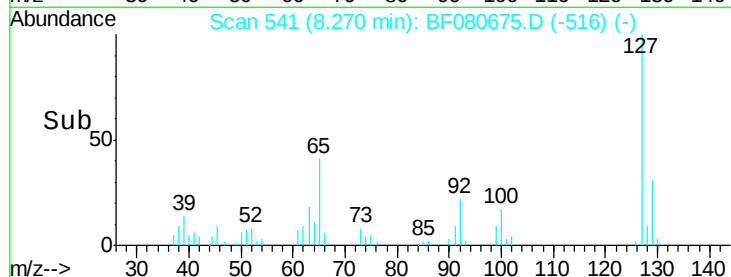
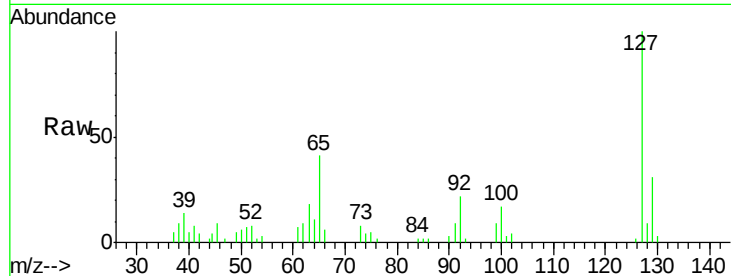
#33  
4-Chloroaniline  
Concen: 8.59 ng  
RT: 8.27 min Scan# 541  
Delta R.T. -0.01 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 30.5 |       | 26.8 | 40.2  |       |
| 65      | 41.3 |       | 17.6 | 26.4  |       |
| 92      | 22.4 |       | 13.0 | 19.6  |       |

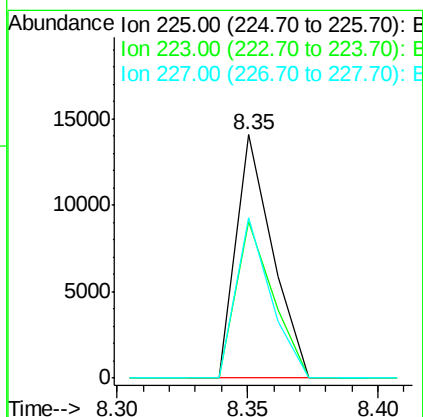
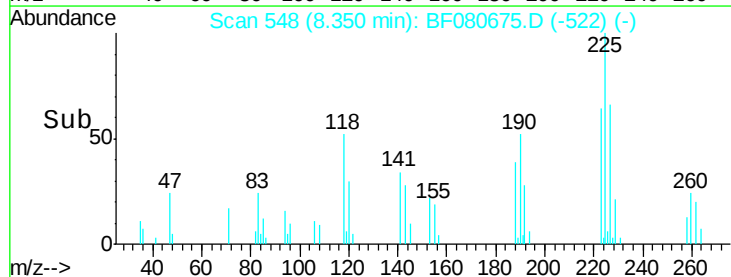
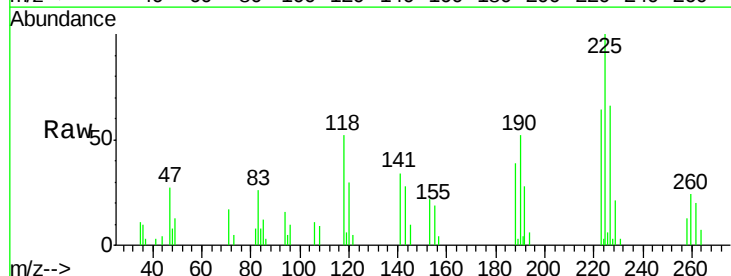
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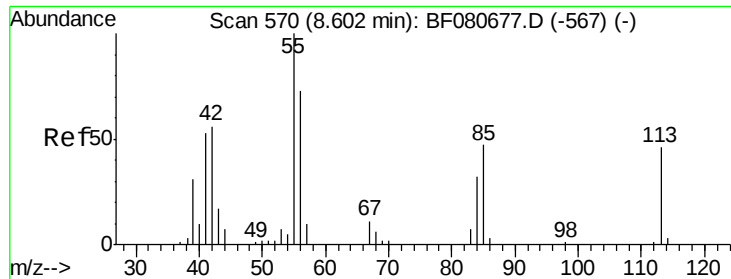
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#34  
Hexachlorobutadiene  
Concen: 8.55 ng  
RT: 8.35 min Scan# 548  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 64.2 |       | 55.0 | 82.6  |       |
| 227     | 65.8 |       | 54.0 | 81.0  |       |





#35

Caprolactam

Concen: 7.86 ng

RT: 8.60 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

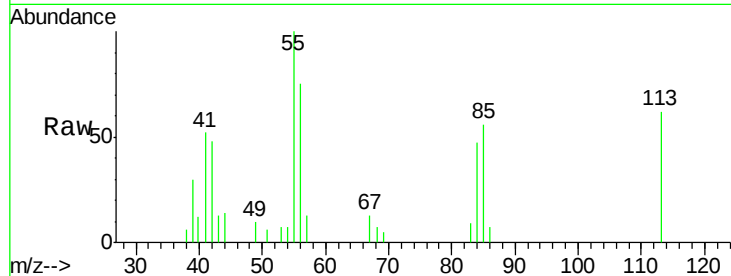
ClientSampleId :

SSTDICC010

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 161.1 | 198.5 | 238.5# |
| 56      | 120.8 | 139.5 | 179.5# |

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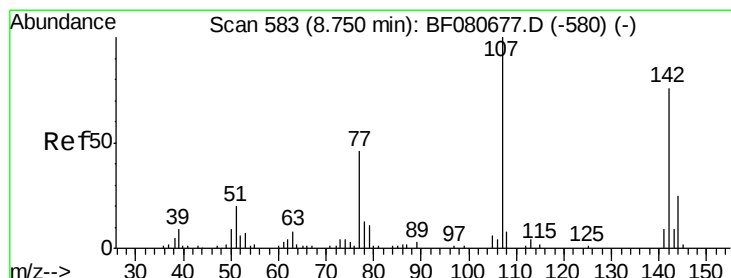
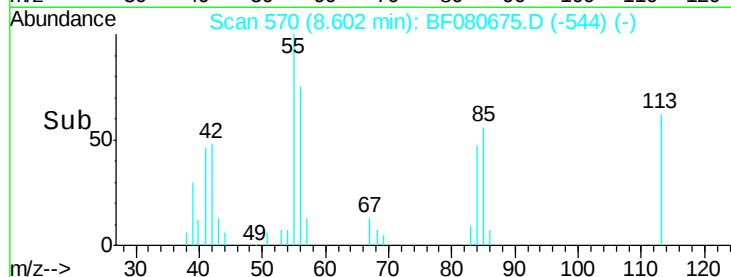
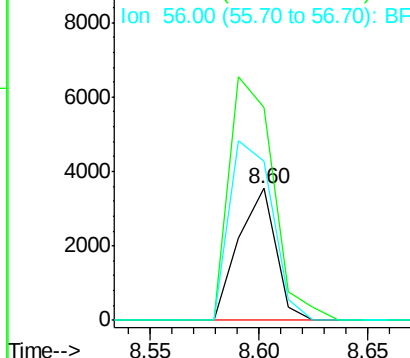
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 9.19 ng

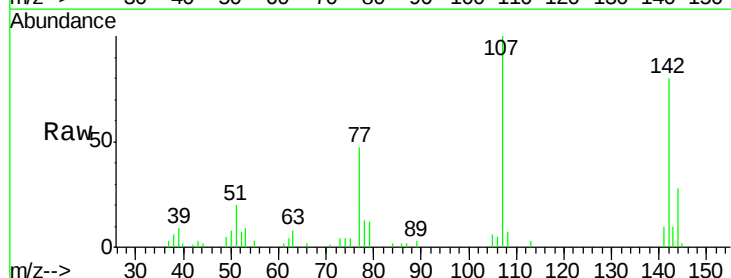
RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

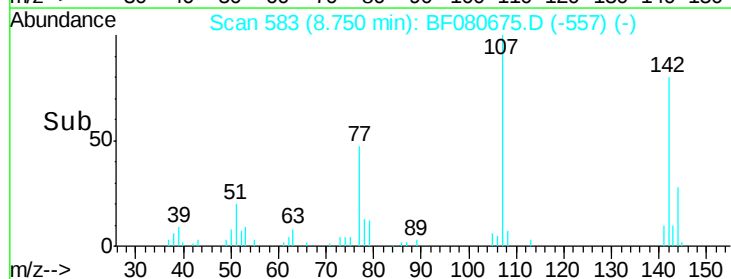
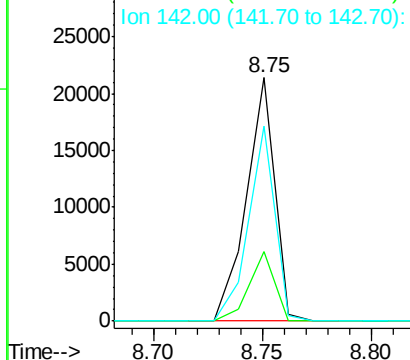
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.4  | 20.0  | 30.0  |
| 142     | 80.0  | 61.0  | 91.6  |

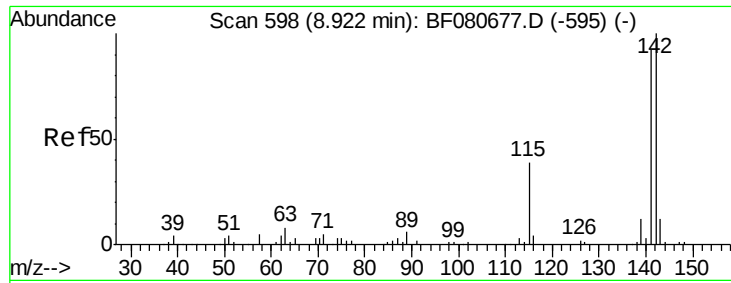


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





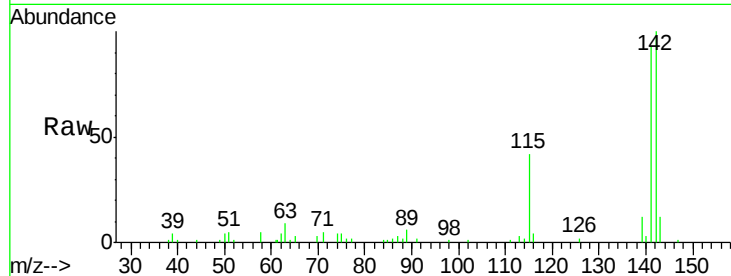
#37  
2-Methylnaphthalene  
Concen: 9.38 ng  
RT: 8.92 min Scan# 598  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.6  | 73.4  | 110.0 |
| 115     | 42.3  | 31.0  | 46.4  |

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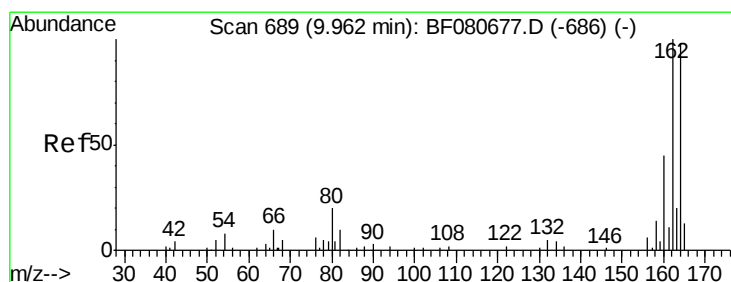
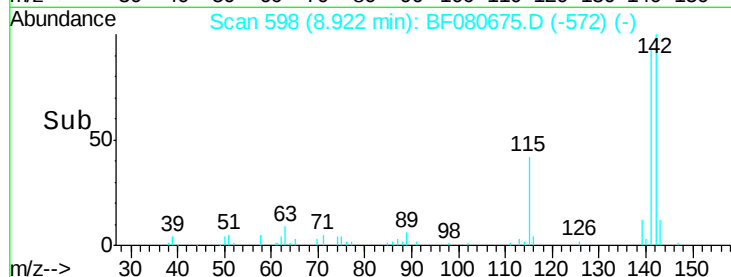
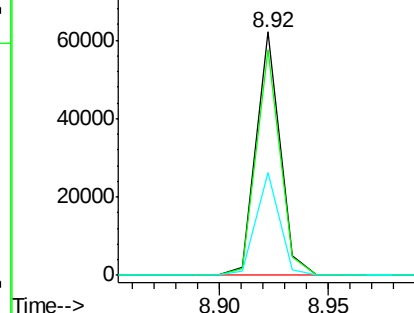


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.96 min Scan# 689  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

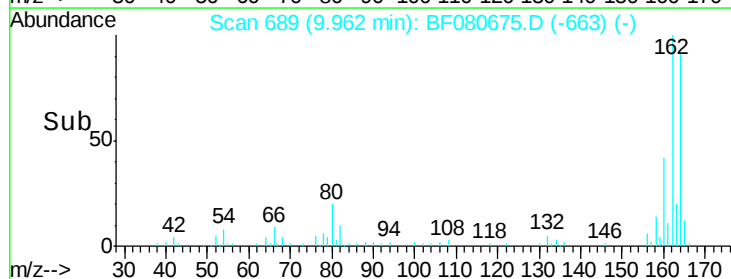
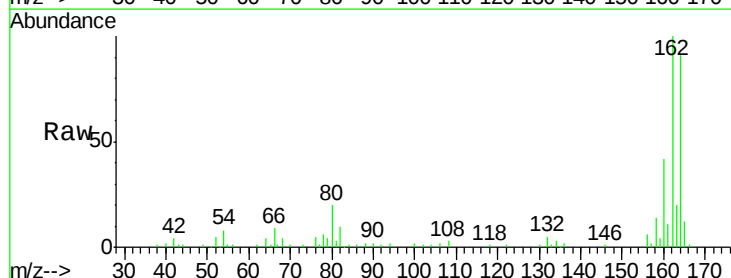
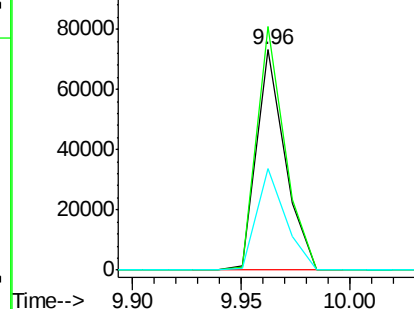
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 110.4 | 82.0  | 123.0 |
| 160     | 45.8  | 36.7  | 55.1  |

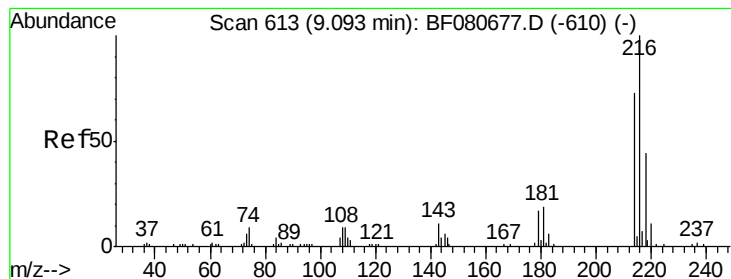
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 10.97 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

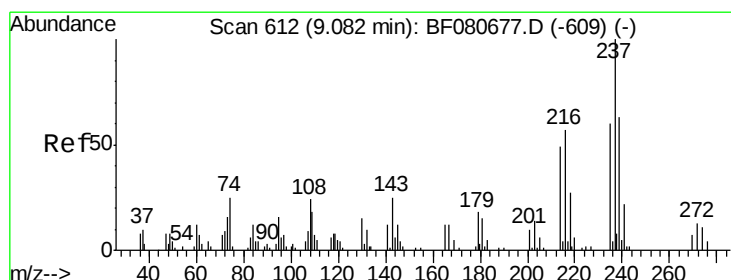
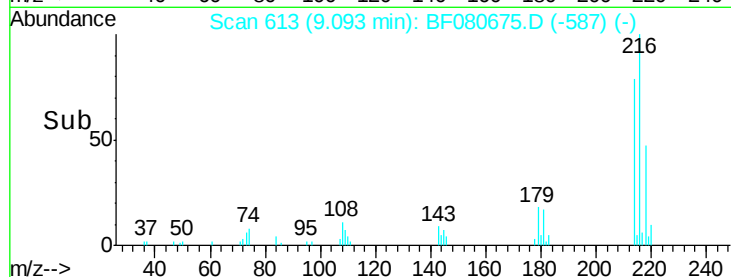
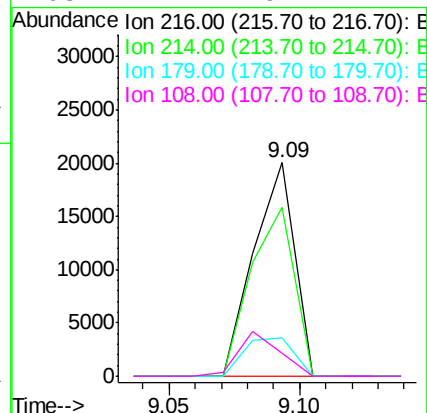
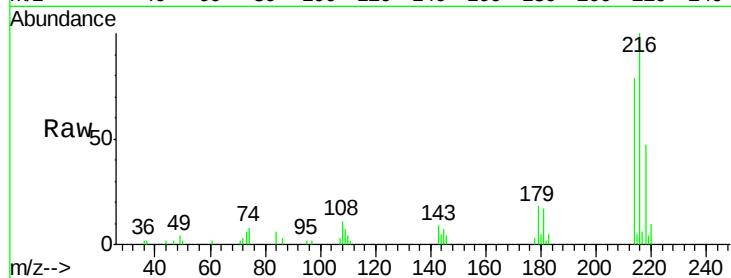
ClientSampleId :

SSTDIC010

| Tot Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 216     | 216 | 100   | 21657 |       |       |
| 214     | 214 | 83.9  | 61.6  | 92.4  |       |
| 179     | 179 | 21.9  | 17.4  | 26.0  |       |
| 108     | 108 | 21.1  | 16.2  | 24.2  |       |

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#40

Hexachlorocyclopentadiene

Concen: 10.78 ng

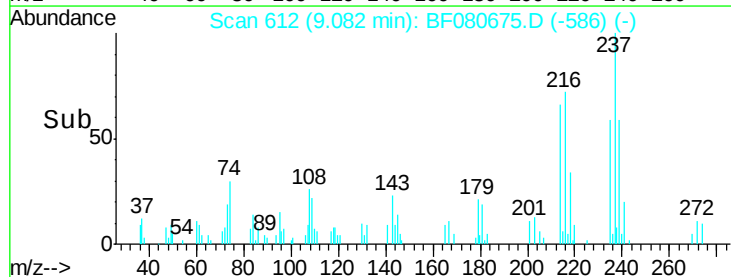
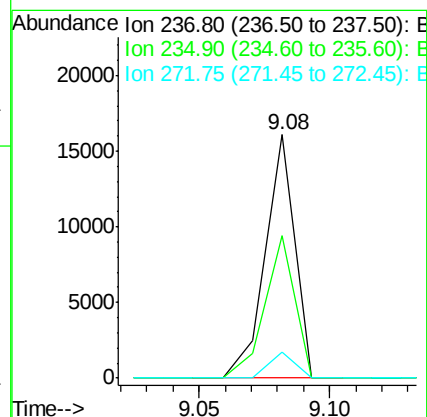
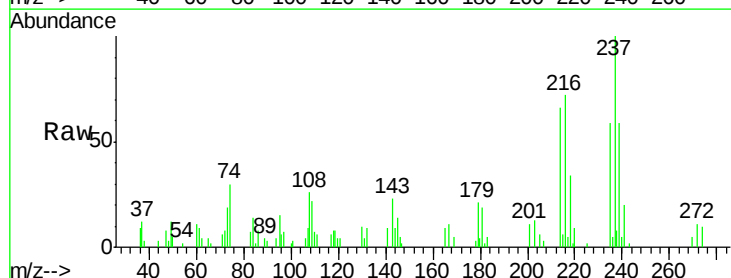
RT: 9.08 min Scan# 612

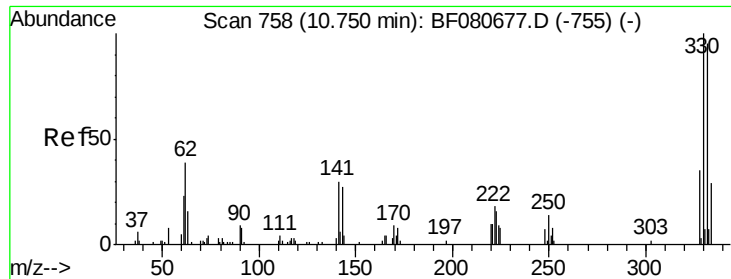
Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 237     | 237 | 100   | 12753 |       |       |
| 235     | 235 | 58.8  | 40.5  | 80.5  |       |
| 272     | 272 | 10.7  | 0.0   | 33.5  |       |





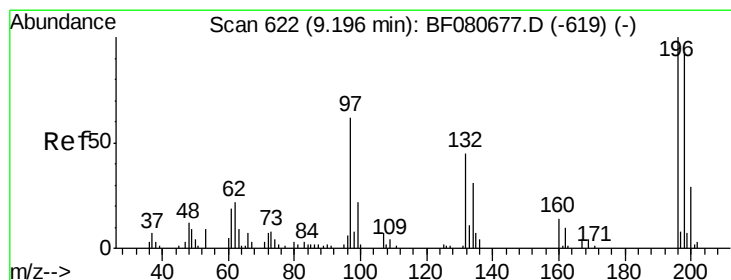
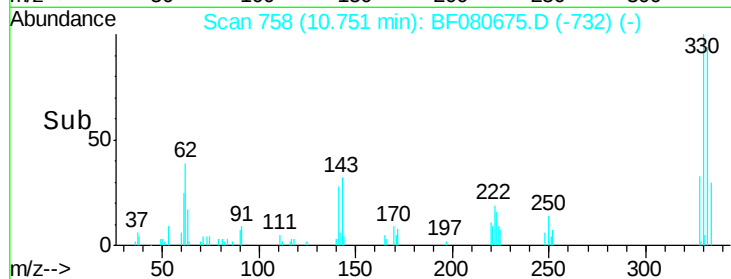
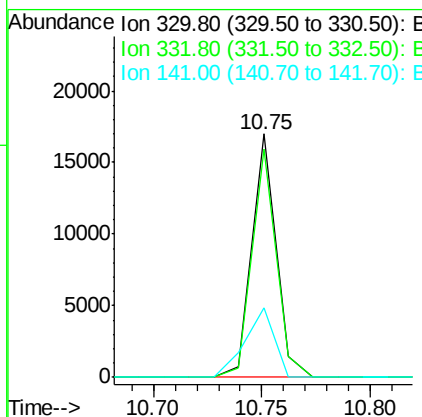
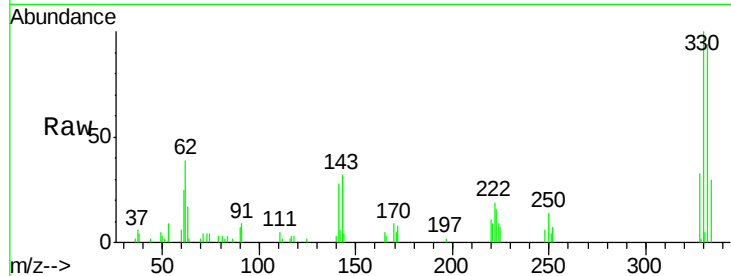
#41  
 2,4,6-Tribromophenol  
 Concen: 22.78 ng  
 RT: 10.75 min Scan# 758  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 13160 |       |       |
| 332     | 93.9  | 76.9  | 115.3 |       |
| 141     | 34.2  | 30.6  | 45.8  |       |

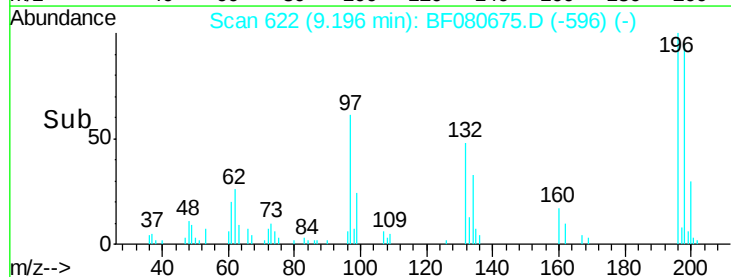
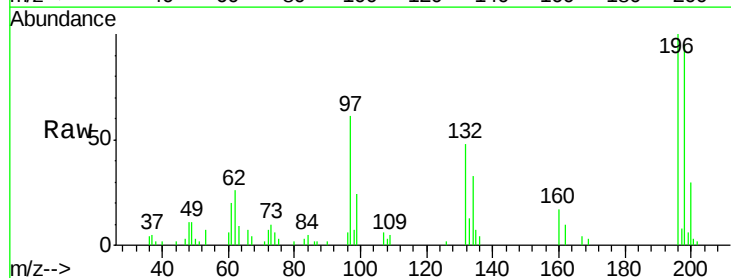
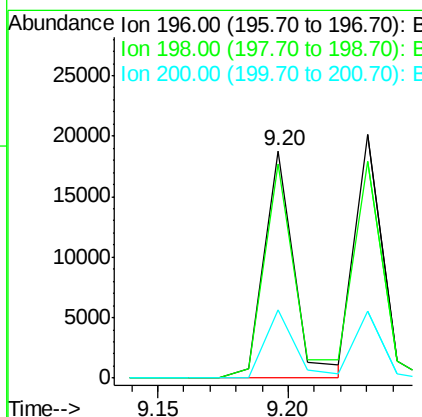
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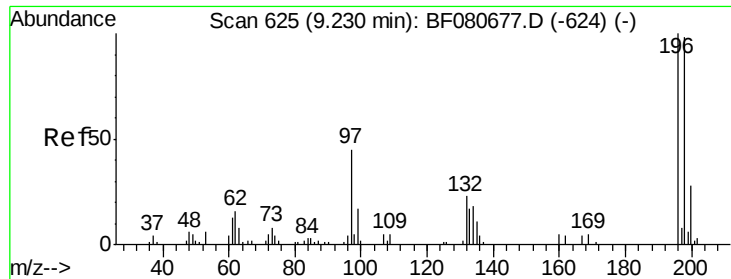
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#42  
 2,4,6-Trichlorophenol  
 Concen: 11.26 ng  
 RT: 9.20 min Scan# 622  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 15035 |       |       |
| 198     | 94.5  | 74.4  | 111.6 |       |
| 200     | 30.0  | 23.6  | 35.4  |       |





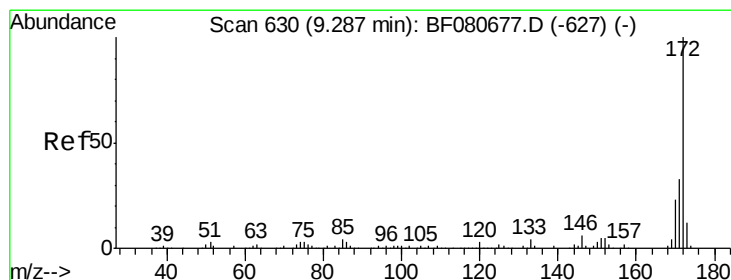
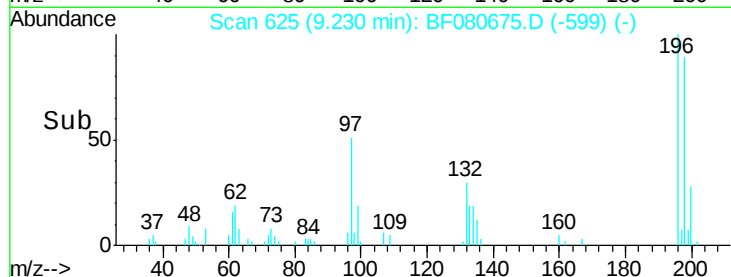
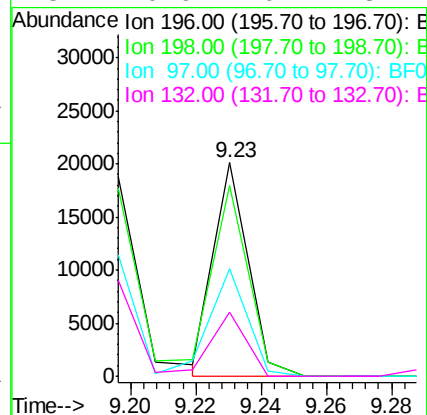
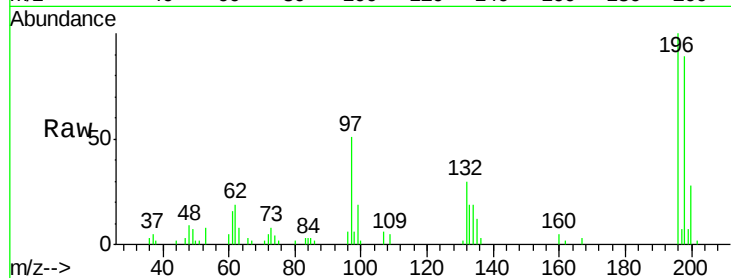
#43  
 2,4,5-Trichlorophenol  
 Concen: 10.70 ng  
 RT: 9.23 min Scan# 625  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 14744 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 89.1  | 77.3  | 115.9 |
| 97        | 50.6  | 39.6  | 59.4  |
| 132       | 29.9  | 20.7  | 31.1  |

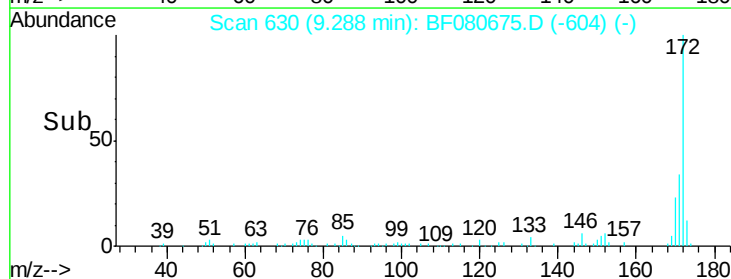
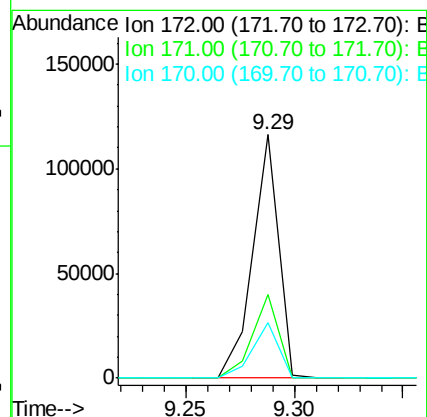
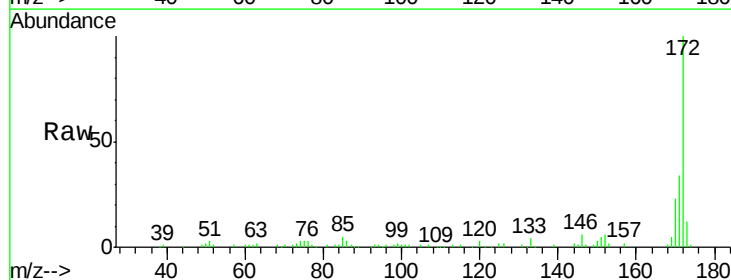
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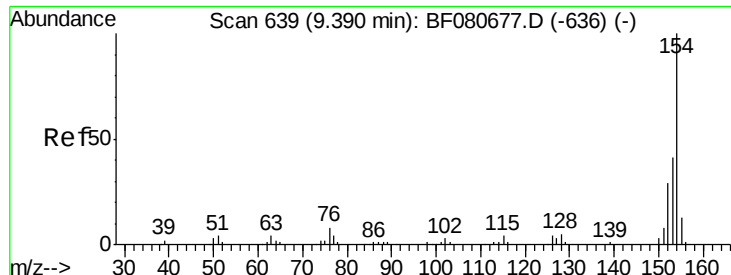
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#44  
 2-Fluorobiphenyl  
 Concen: 21.64 ng  
 RT: 9.29 min Scan# 630  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 96089 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.2  | 26.6  | 39.8  |
| 170       | 22.9  | 18.6  | 28.0  |





#45

1,1'-Biphenyl

Concen: 10.72 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

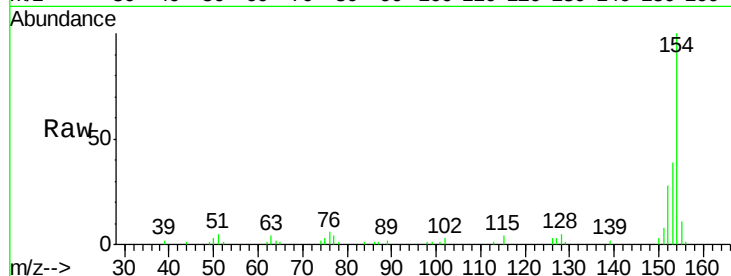
ClientSampleId :

SSTDICC010

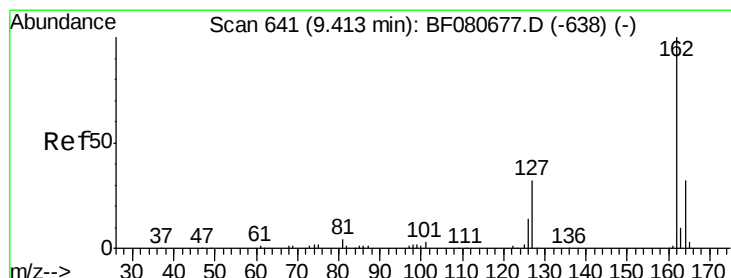
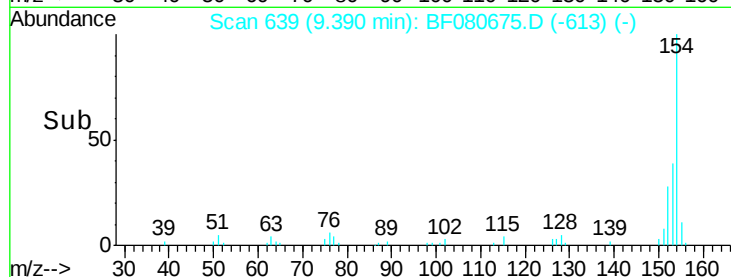
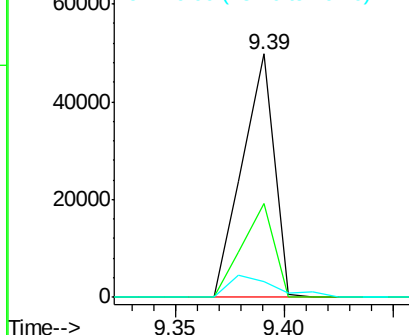
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 50732 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 38.6  | 21.1  | 61.1  |
| 76        | 6.4   | 0.0   | 28.0  |

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



#46

2-Chloronaphthalene

Concen: 11.19 ng

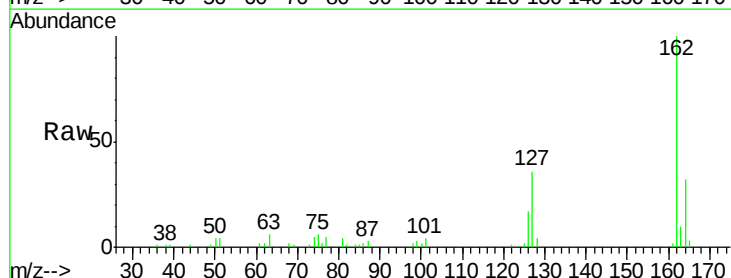
RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

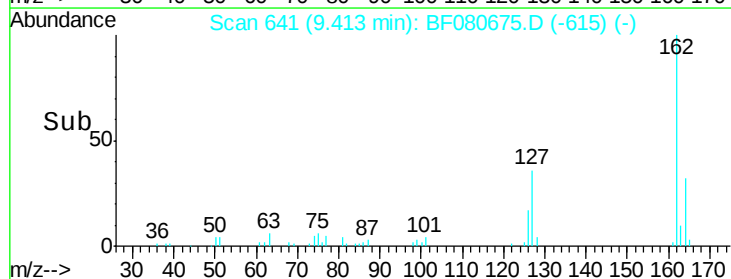
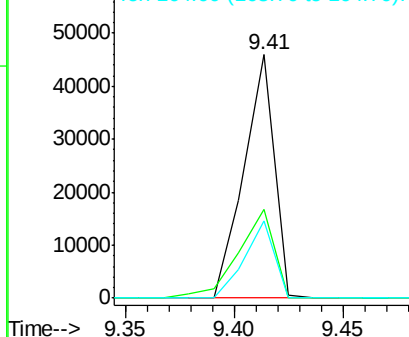
Lab File: BF080675.D

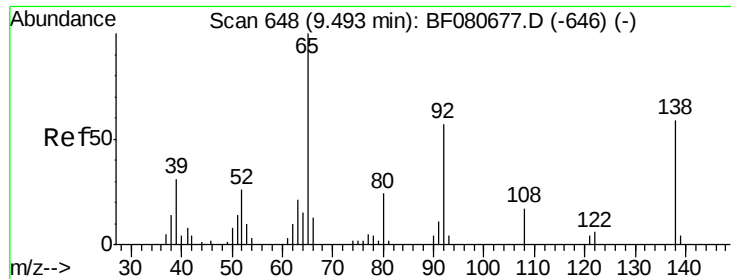
Acq: 27 Jul 2015 16:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 44514 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 36.4  | 27.2  | 40.8  |
| 164       | 31.9  | 25.8  | 38.6  |



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





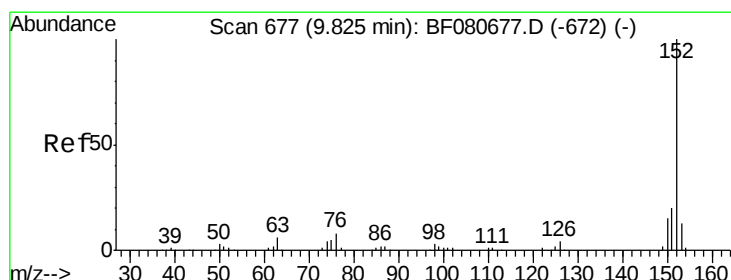
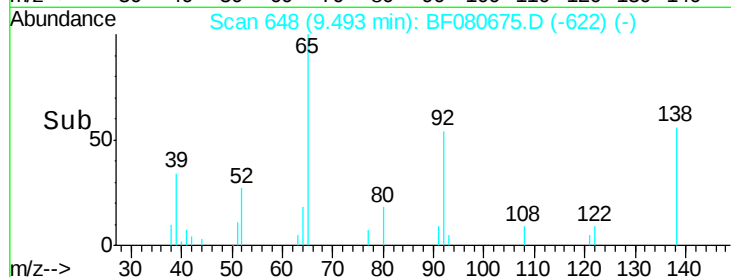
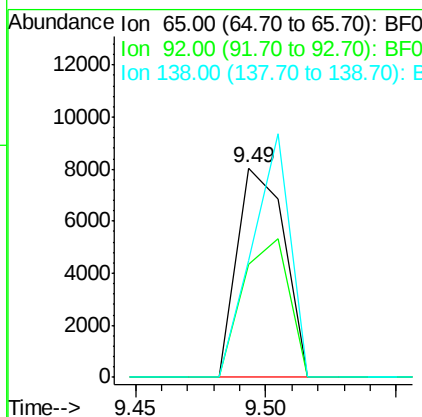
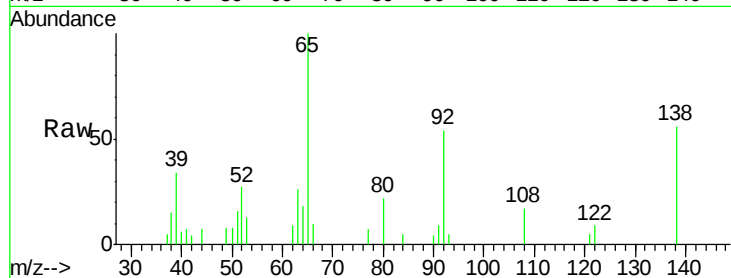
#47  
2-Nitroaniline  
Concen: 8.78 ng  
RT: 9.49 min Scan# 648  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 53.8  | 45.9  | 68.9  |
| 138     | 55.9  | 47.0  | 70.4  |

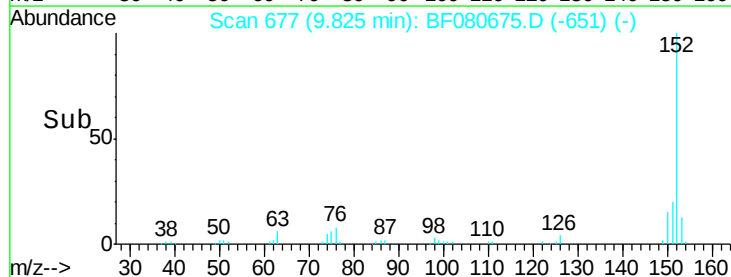
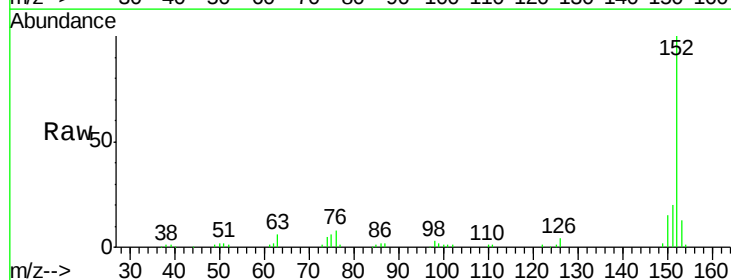
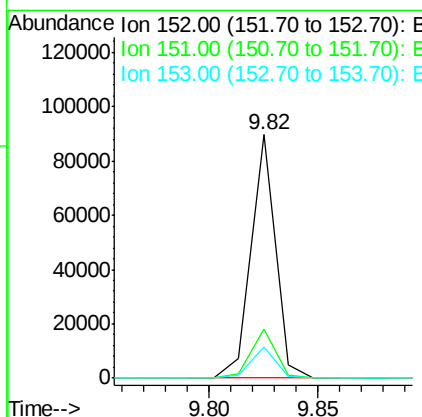
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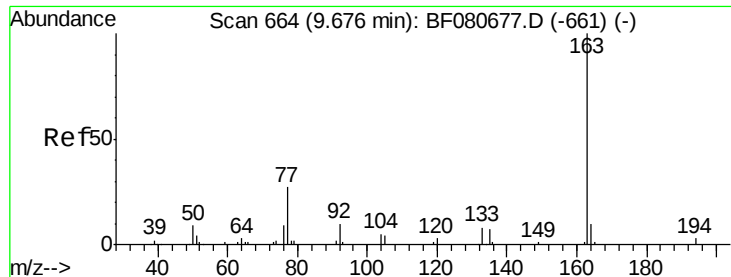
apatel  
7/29/2015 10:39:46 AM



#48  
Acenaphthylene  
Concen: 10.53 ng  
RT: 9.82 min Scan# 677  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 15.7  | 23.5  |
| 153     | 12.8  | 10.2  | 15.4  |





#49

Dimethylphthalate

Concen: 9.92 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

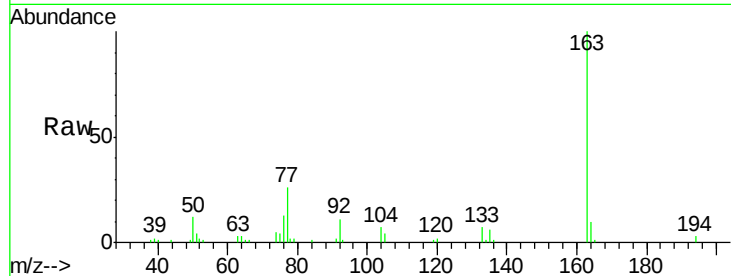
ClientSampleId :

SSTDIC010

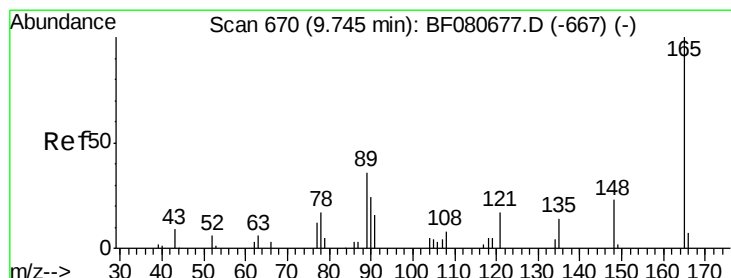
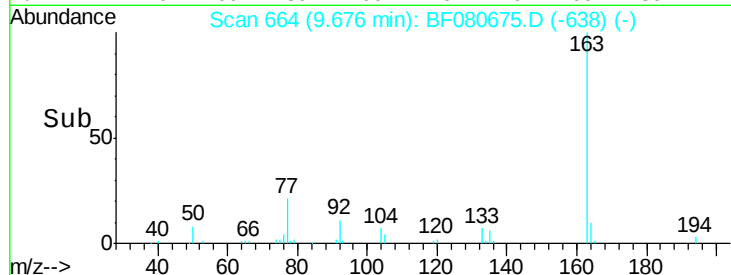
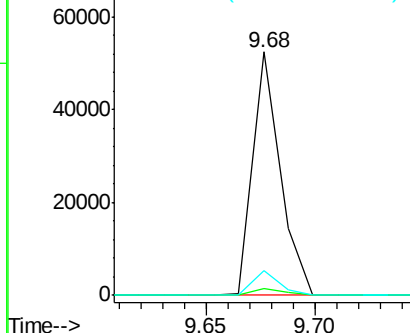
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 163   | Resp: | 46089 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 3.0   | 2.4   | 3.6   |
| 164       | 10.0  | 8.1   | 12.1  |

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Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 9.65 ng

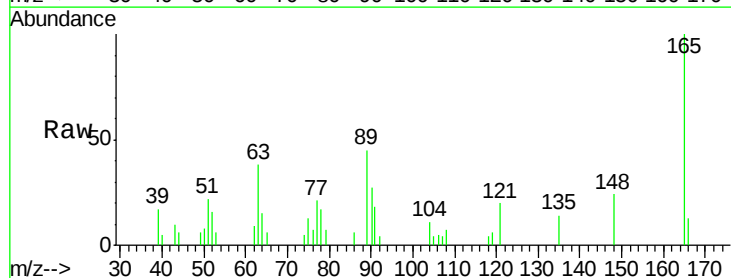
RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

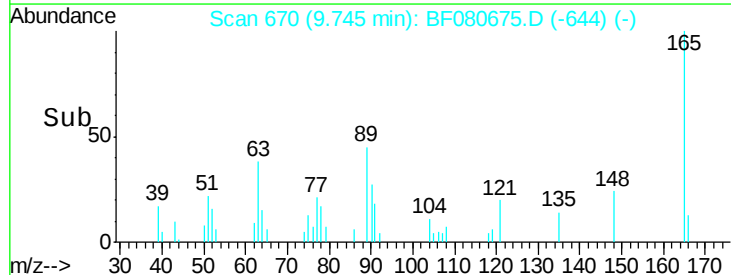
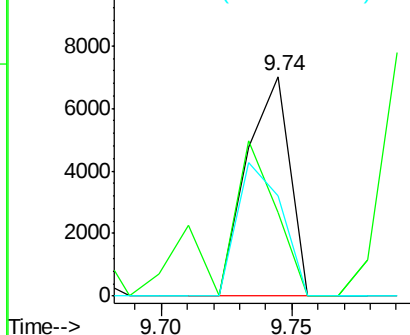
Lab File: BF080675.D

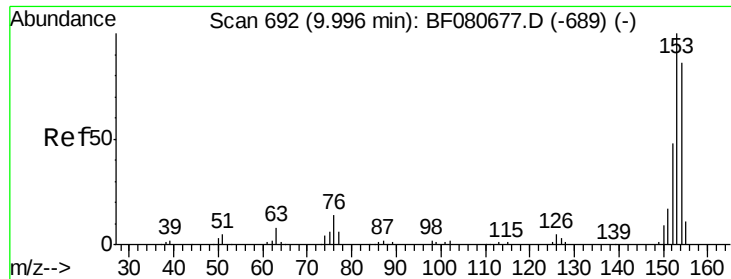
Acq: 27 Jul 2015 16:41

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 165   | Resp: | 8092 |
| Ion Ratio | Lower | Upper |      |
| 165       | 100   |       |      |
| 63        | 38.3  | 27.1  | 40.7 |
| 89        | 45.4  | 29.0  | 43.6 |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 10.82 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tot Ion:154 Resp: 43094

Ion Ratio Lower Upper

154 100

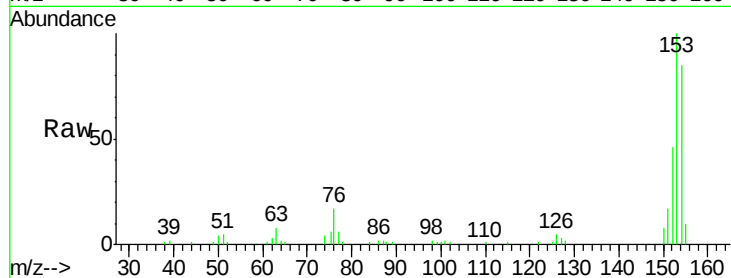
153 117.7 92.8 139.2

152 54.5 44.6 66.8

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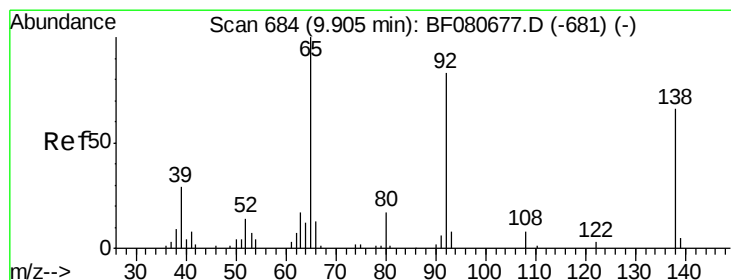
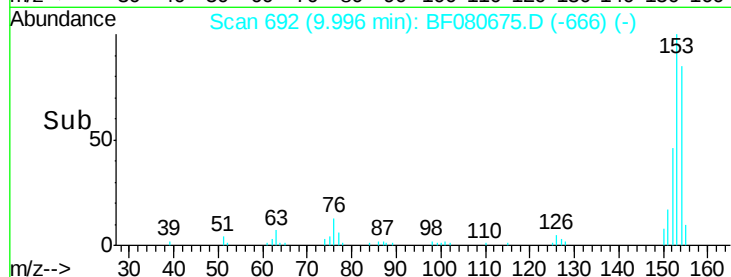
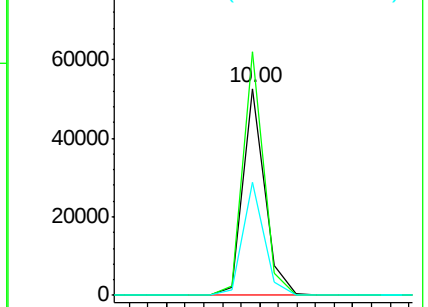
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.12 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

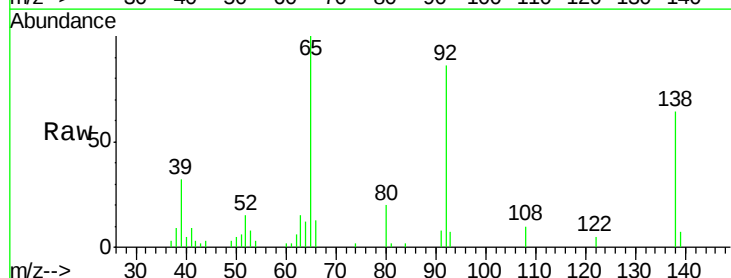
Tgt Ion:138 Resp: 10002

Ion Ratio Lower Upper

138 100

108 15.5 10.3 15.5

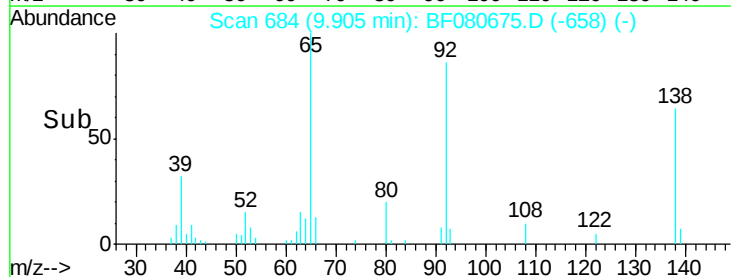
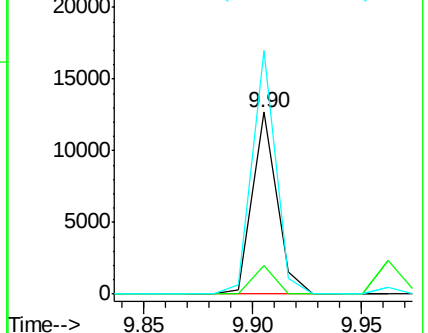
92 133.7 100.6 151.0

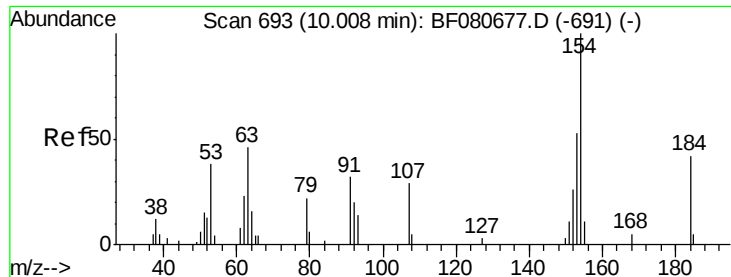


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





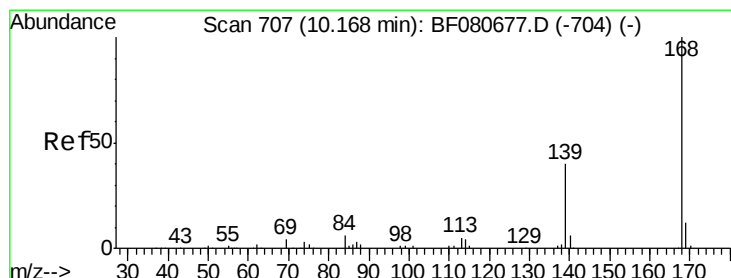
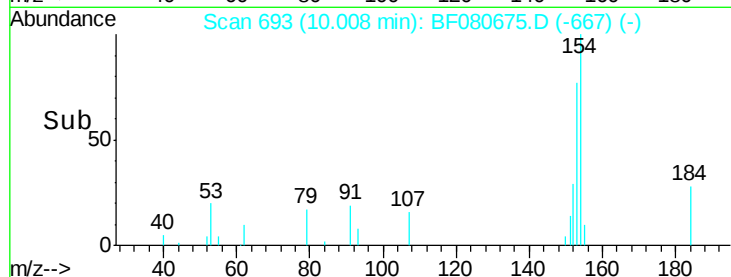
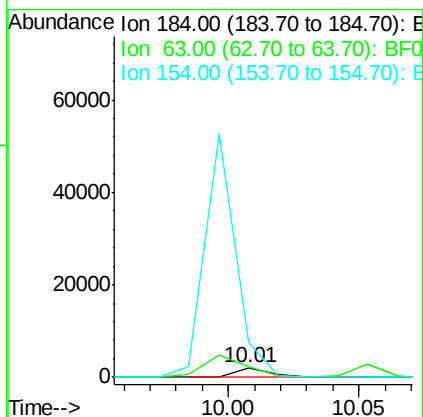
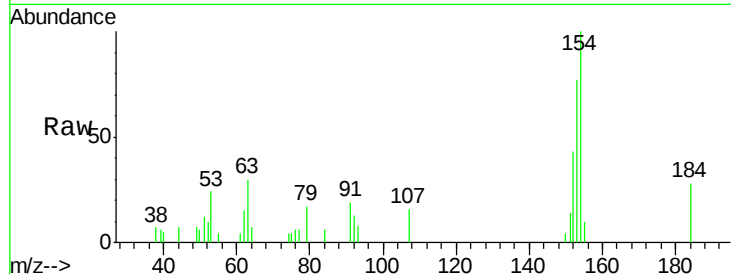
#53  
2,4-Dinitrophenol  
Concen: 6.04 ng  
RT: 10.01 min Scan# 693  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 108.0 | 104.5 | 156.7 |
| 154     | 358.4 | 276.3 | 414.5 |

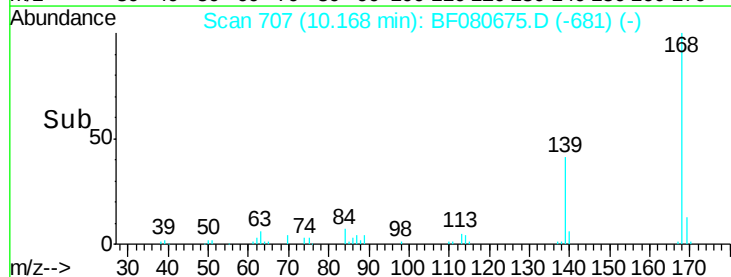
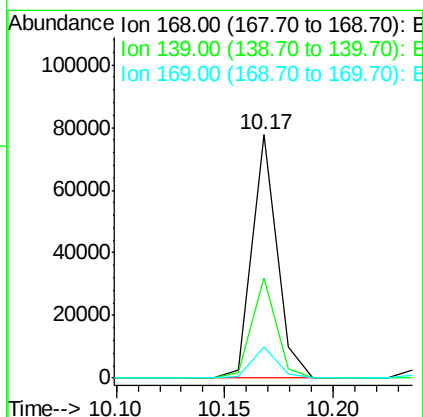
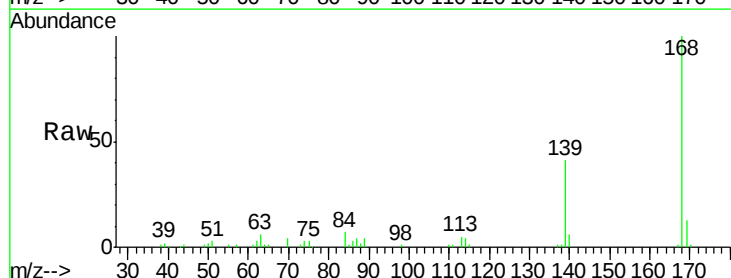
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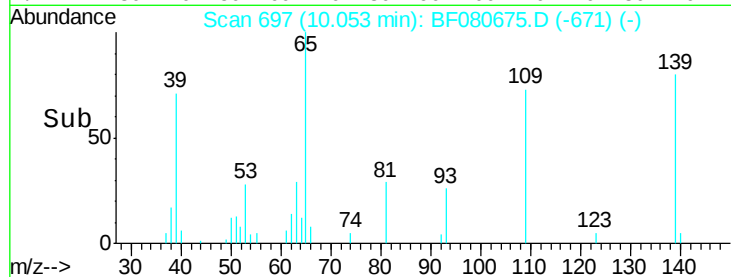
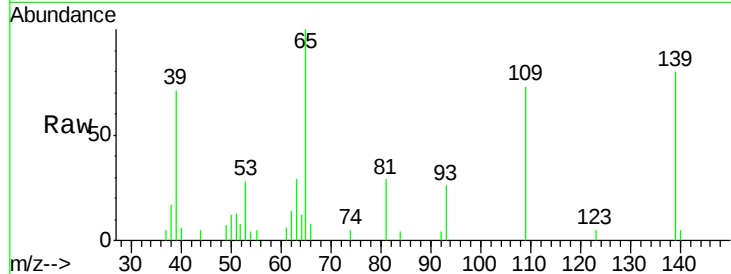
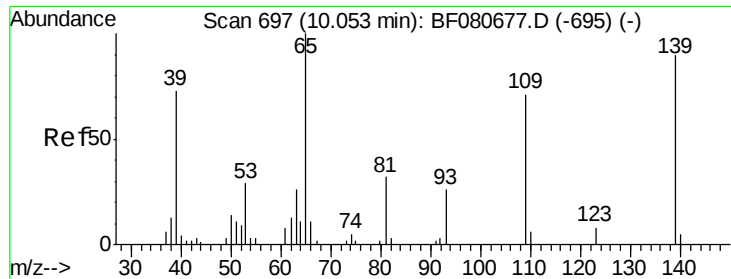
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#54  
Dibenzofuran  
Concen: 10.90 ng  
RT: 10.17 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.0  | 31.8  | 47.8  |
| 169     | 12.8  | 9.8   | 14.6  |





#55

4-Nitrophenol

Concen: 8.30 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   | 6310 |       |       |
| 109     | 91.7  | 58.4 | 98.4  |       |
| 65      | 125.5 | 90.5 | 130.5 |       |

Instrument :

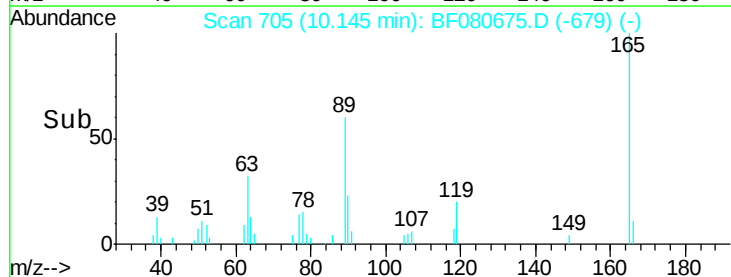
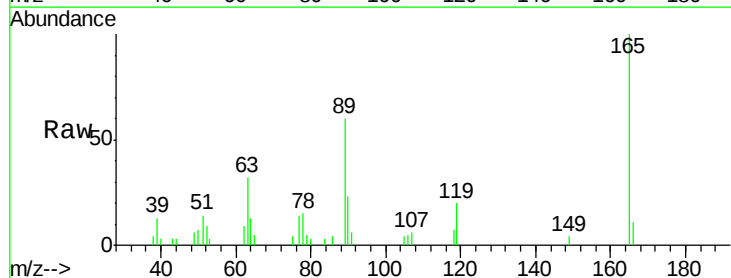
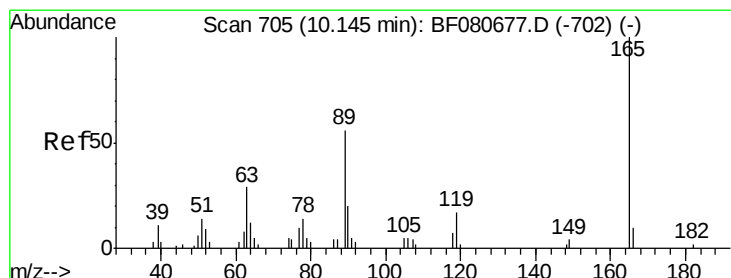
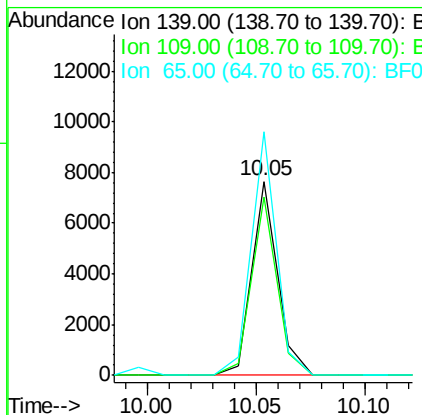
BNA\_F

ClientSampleId :

SSTDICC010

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#56

2,4-Dinitrotoluene

Concen: 9.13 ng

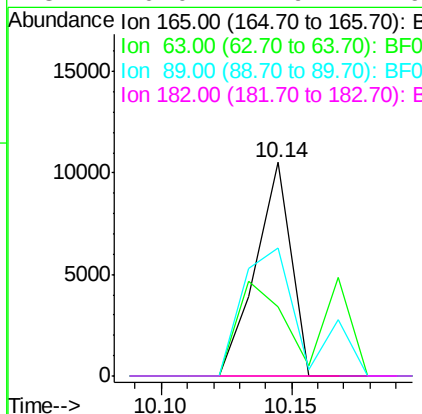
RT: 10.14 min Scan# 705

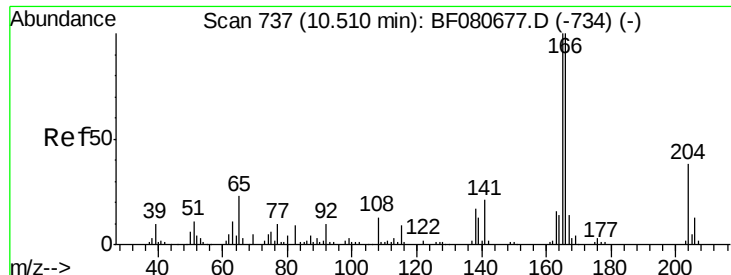
Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   | 9887 |       |       |
| 63      | 32.2  | 23.2 | 34.8  |       |
| 89      | 59.7  | 44.6 | 67.0  |       |
| 182     | 0.0   | 1.9  | 2.9#  |       |





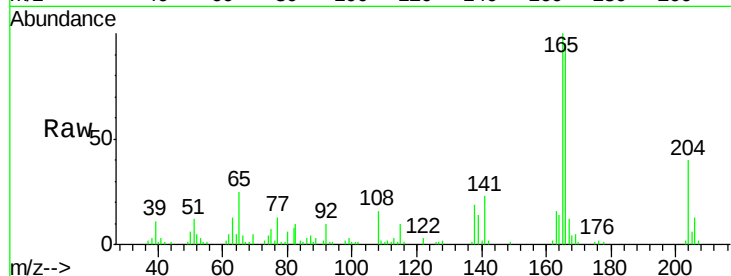
#57  
**Fluorene**  
 Concen: 10.58 ng  
 RT: 10.51 min Scan# 737  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 104.8 | 80.2  | 120.4 |
| 167     | 12.7  | 11.0  | 16.4  |

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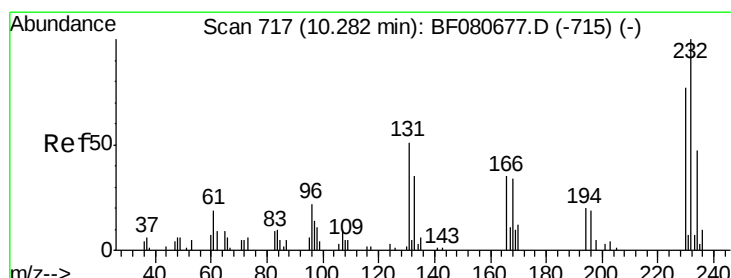
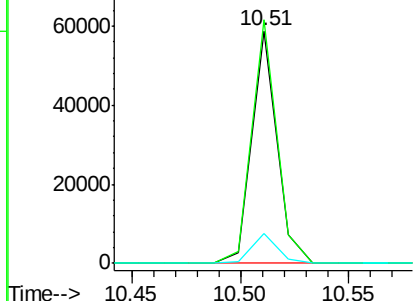
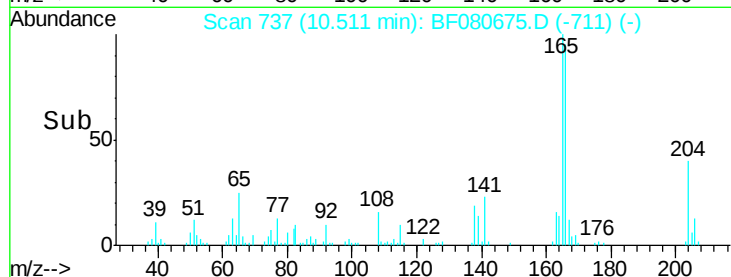


Abundance

Ion 166.00 (165.70 to 166.70): E

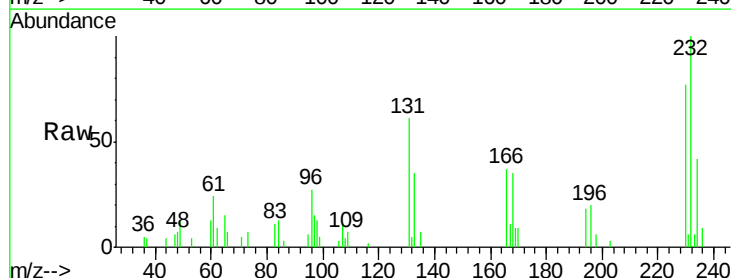
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 9.90 ng  
 RT: 10.28 min Scan# 717  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 57.6  | 33.4  | 50.0# |
| 130     | 0.0   | 1.5   | 2.3#  |
| 166     | 33.9  | 21.9  | 32.9# |



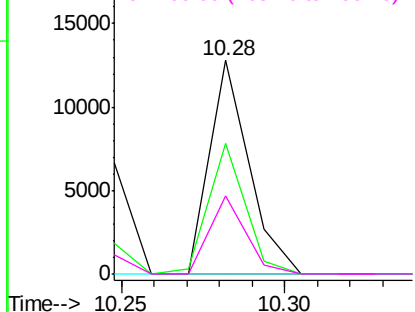
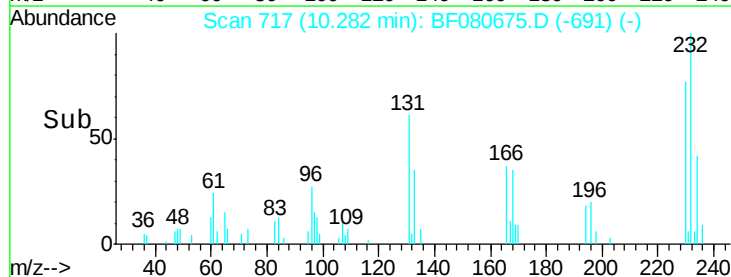
Abundance

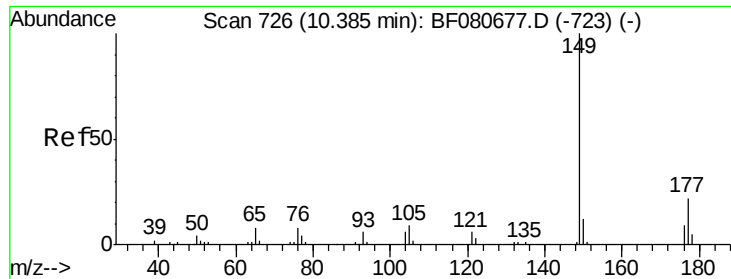
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





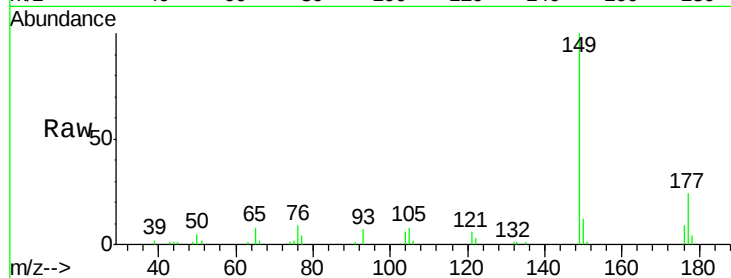
#59  
Diethylphthalate  
Concen: 9.95 ng  
RT: 10.38 min Scan# 726  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

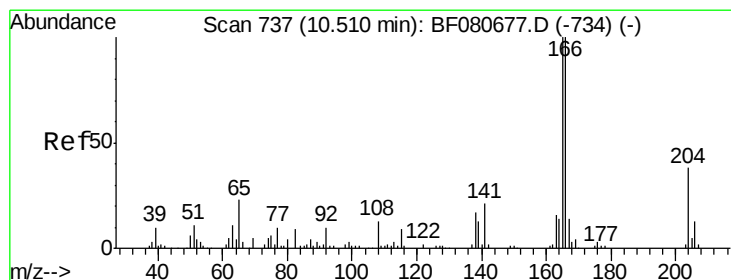
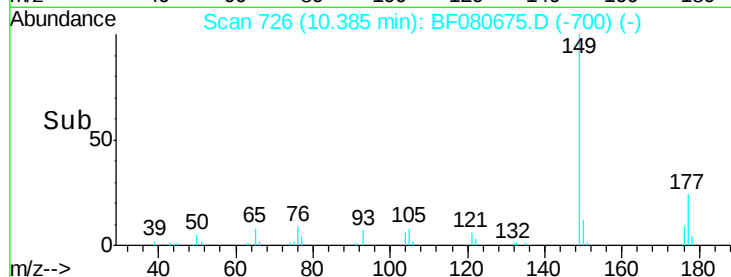
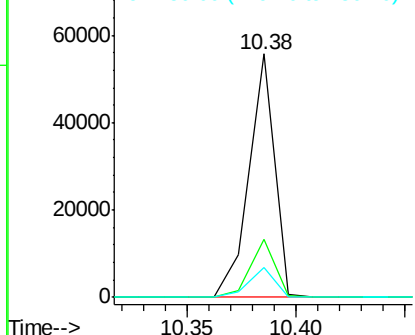
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.7  | 17.4  | 26.2  |
| 150     | 12.2  | 9.5   | 14.3  |

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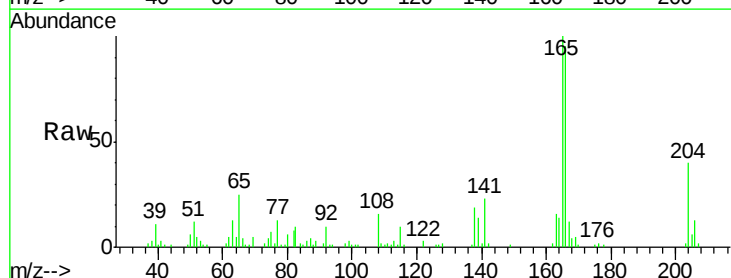


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

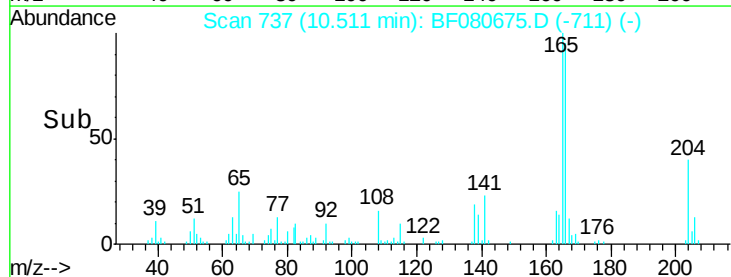
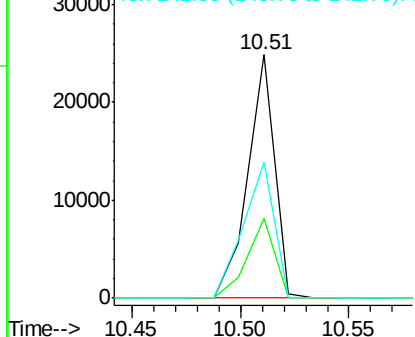


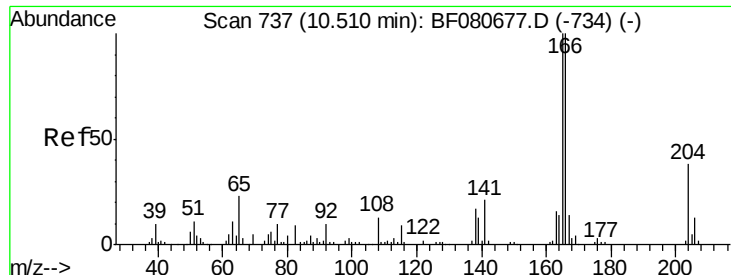
#60  
4-Chlorophenyl-phenylether  
Concen: 10.75 ng  
RT: 10.51 min Scan# 737  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.8  | 26.5  | 39.7  |
| 141     | 56.1  | 43.8  | 65.6  |



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





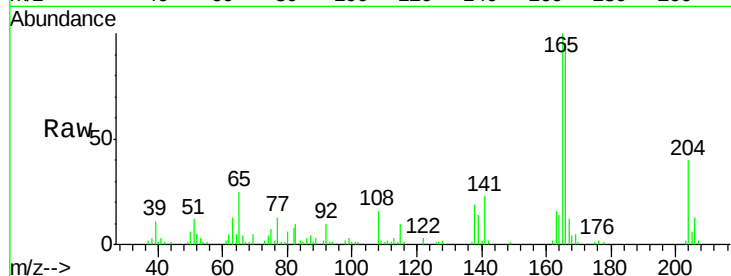
#61  
4-Nitroaniline  
Concen: 9.92 ng  
RT: 10.51 min Scan# 737  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

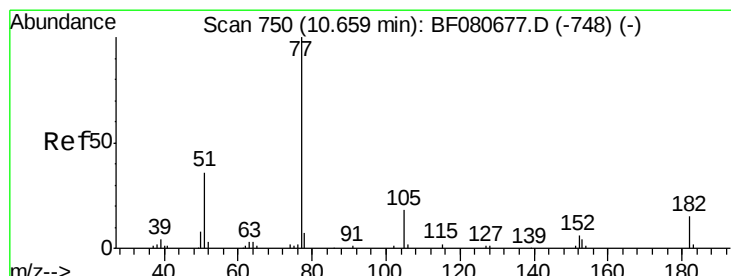
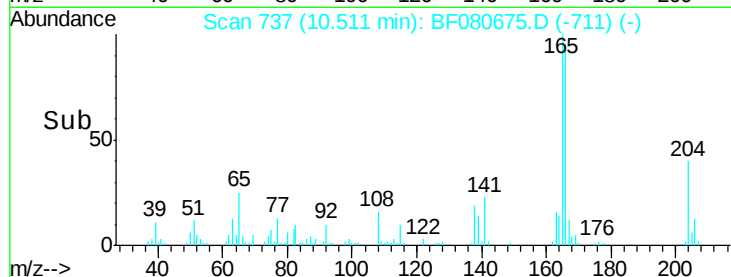
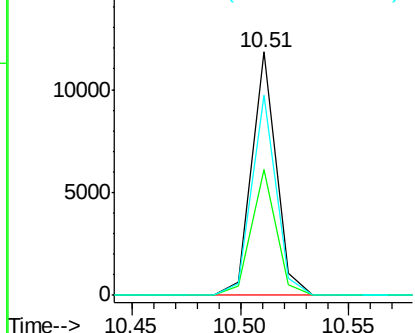
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.9  | 38.1  | 78.1  |
| 108     | 82.1  | 59.7  | 99.7  |

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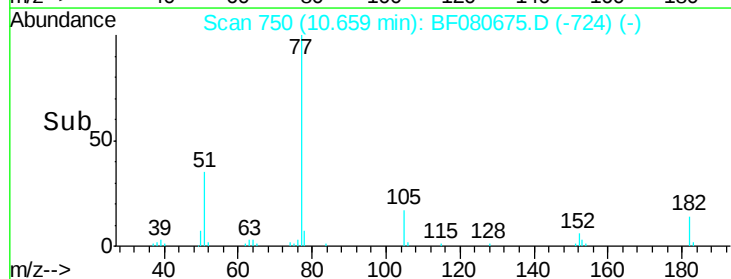
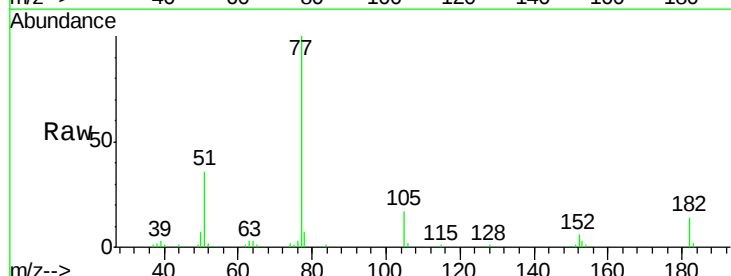
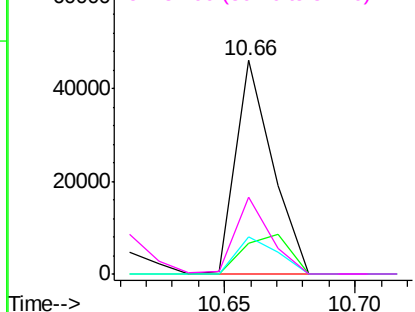
Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

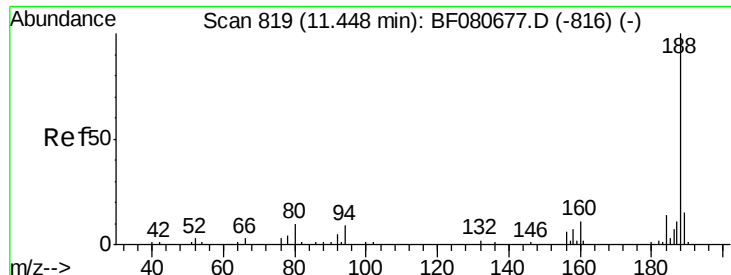


#62  
Azobenzene  
Concen: 10.30 ng  
RT: 10.66 min Scan# 750  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 14.2  | 0.0   | 34.7  |
| 105     | 17.2  | 0.0   | 37.8  |
| 51      | 35.8  | 16.3  | 56.3  |

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





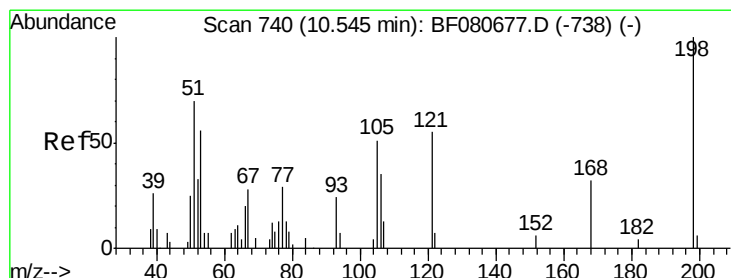
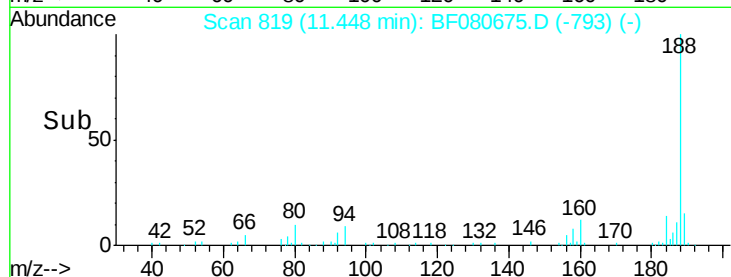
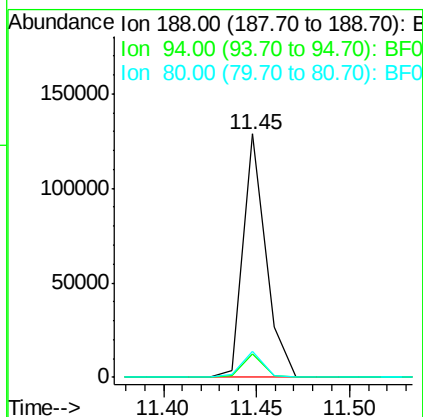
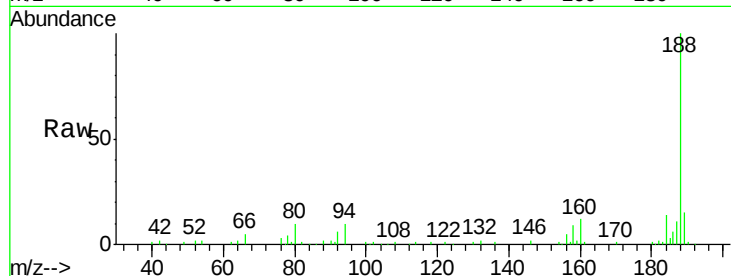
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.45 min Scan# 819  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 109458 |       |       |
| 94      | 9.6   |        | 7.2   | 10.8  |
| 80      | 10.4  |        | 8.2   | 12.2  |

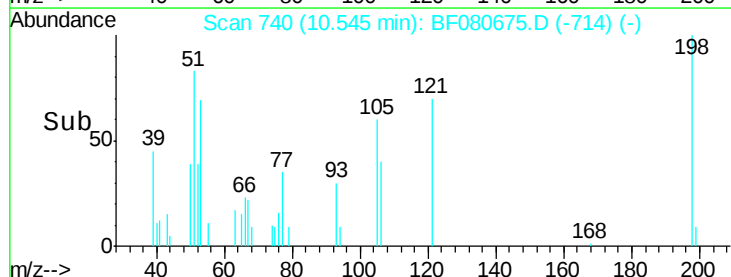
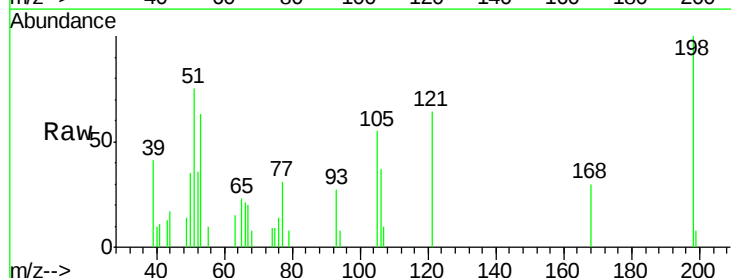
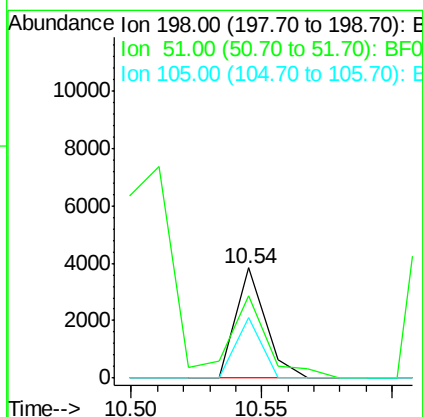
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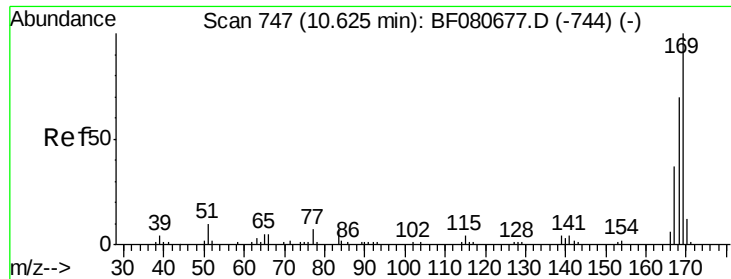
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 6.22 ng  
RT: 10.54 min Scan# 740  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   | 3057 |       |       |
| 51      | 75.5  |      | 55.1  | 95.1  |
| 105     | 54.7  |      | 30.9  | 70.9  |





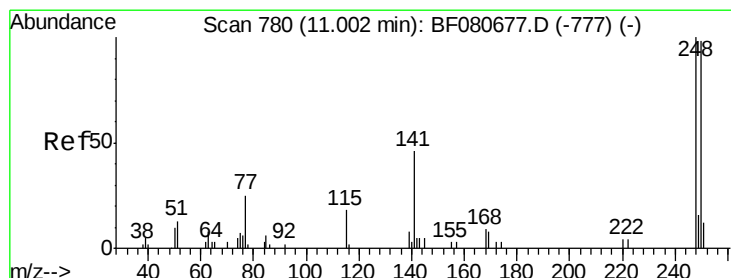
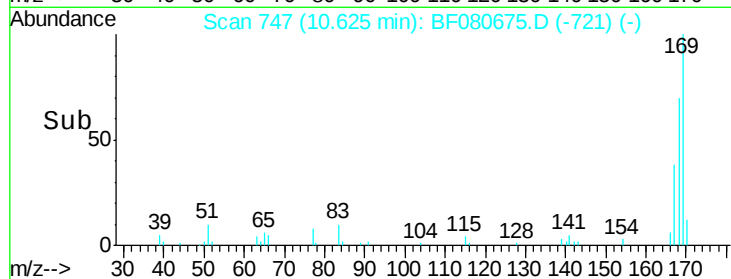
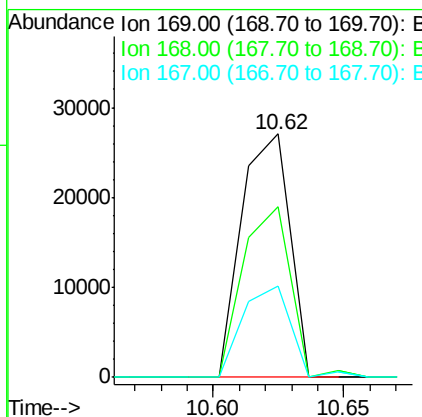
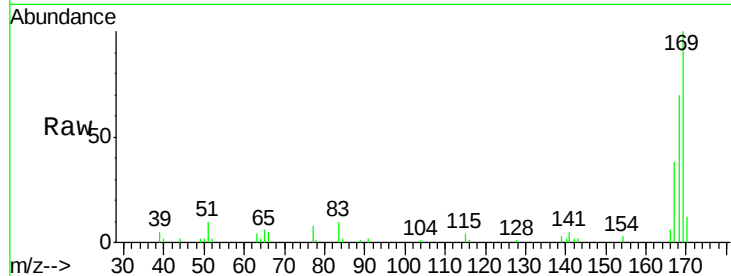
#65  
n-Nitrosodiphenylamine  
Concen: 10.23 ng  
RT: 10.62 min Scan# 747  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.1  | 56.2  | 84.2  |
| 167     | 37.8  | 29.3  | 43.9  |

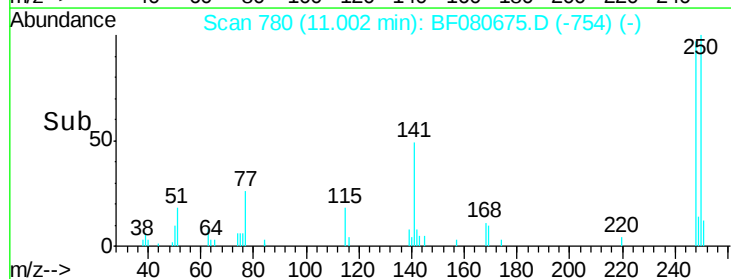
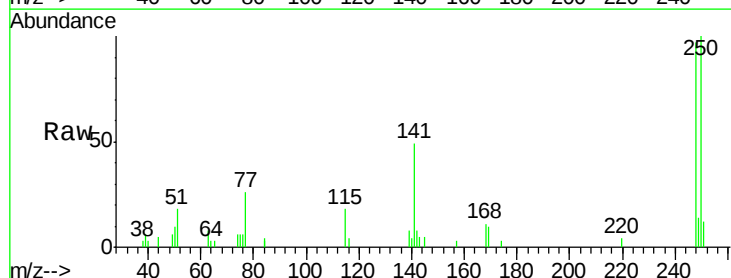
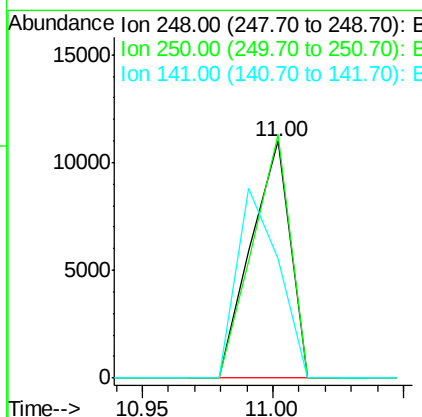
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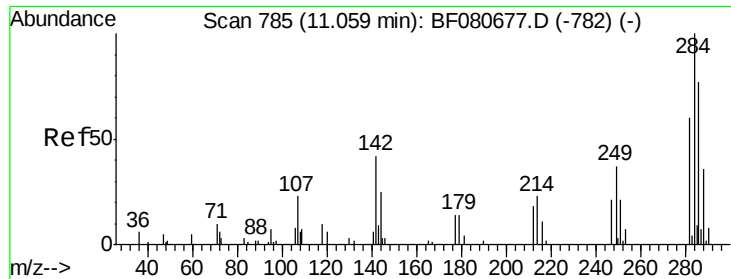
apatel  
7/29/2015 10:39:46 AM



#66  
4-Bromophenyl-phenylether  
Concen: 11.23 ng  
RT: 11.00 min Scan# 780  
Delta R.T. 0.00 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 102.7 | 78.5  | 117.7 |
| 141     | 50.4  | 36.8  | 55.2  |





#67

Hexachlorobenzene

Concen: 11.75 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

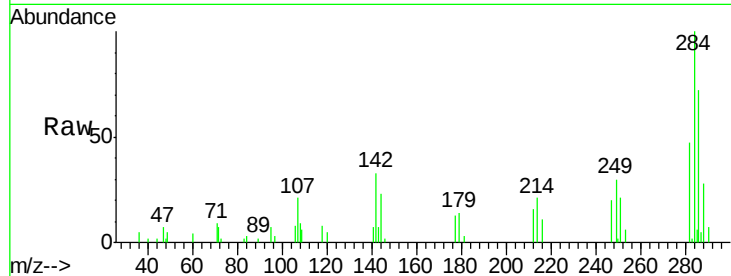
ClientSampleId :

SSTDICC010

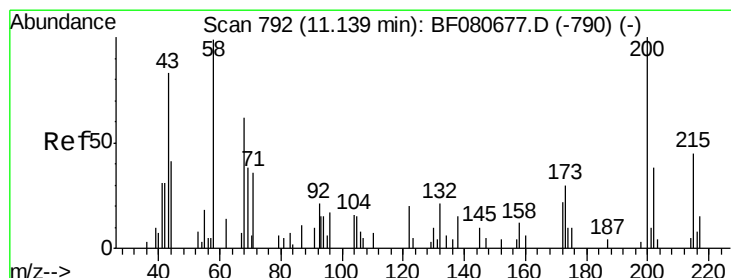
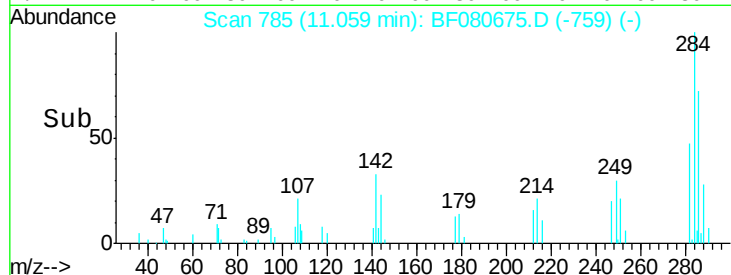
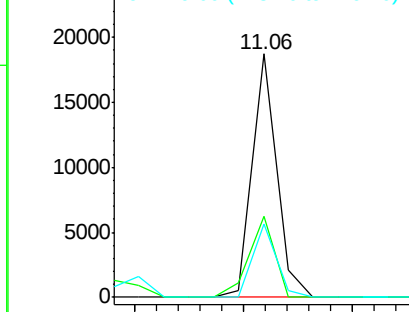
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 284   | Resp: | 14687 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 33.2  | 34.0  | 51.0# |
| 249       | 30.4  | 29.4  | 44.0  |

Manual Integrations  
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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: 9.00 ng

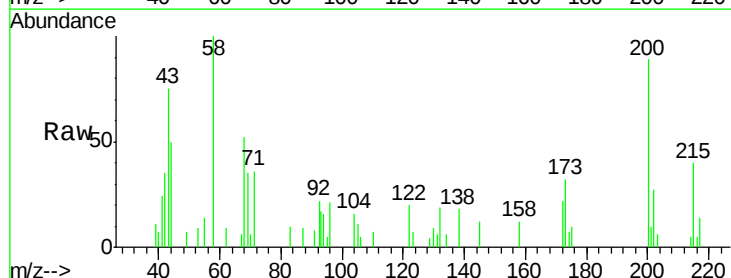
RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

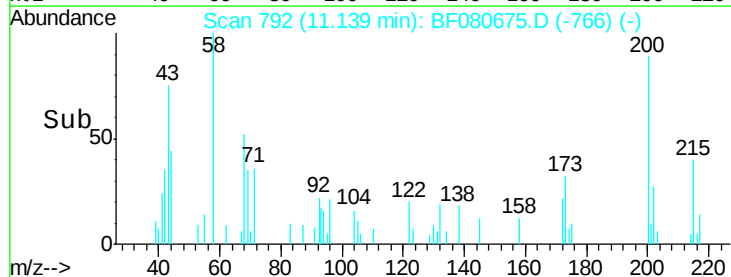
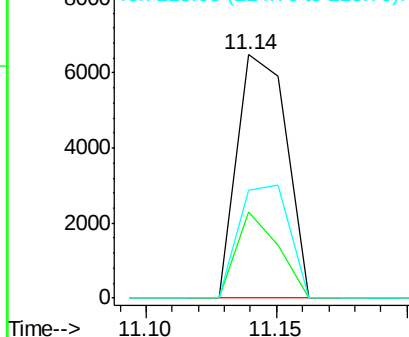
Lab File: BF080675.D

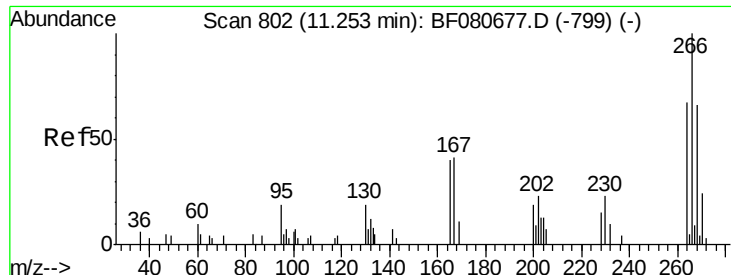
Acq: 27 Jul 2015 16:41

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 8494 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 35.5  | 9.7   | 49.7 |
| 215       | 44.3  | 24.7  | 64.7 |



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





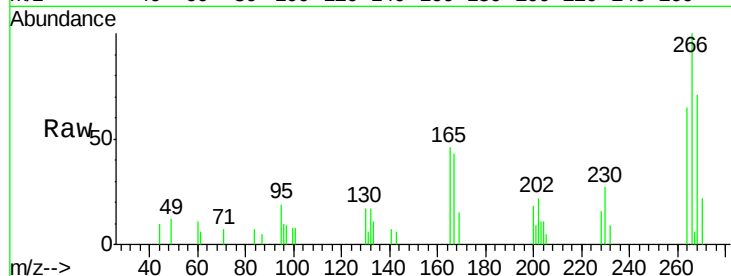
#69  
 Pentachlorophenol  
 Concen: 8.21 ng  
 RT: 11.25 min Scan# 802  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 70.8  | 52.6  | 78.8  |
| 264     | 65.5  | 53.4  | 80.2  |

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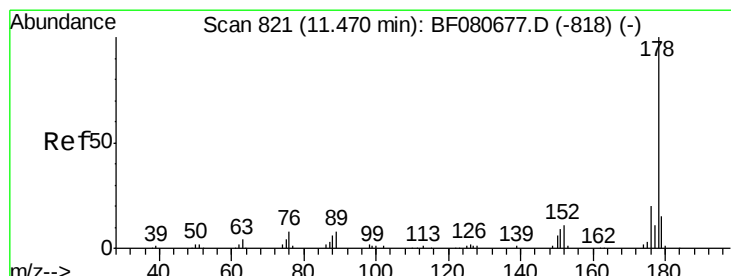
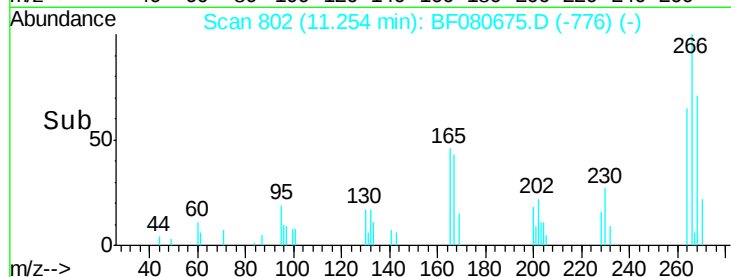
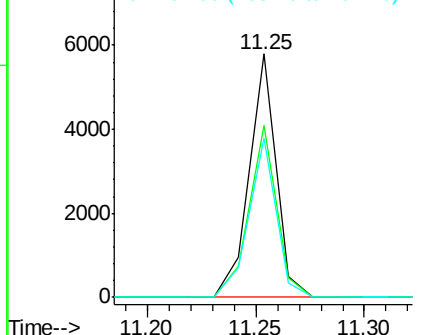


Abundance

Ion 265.70 (265.40 to 266.40): E

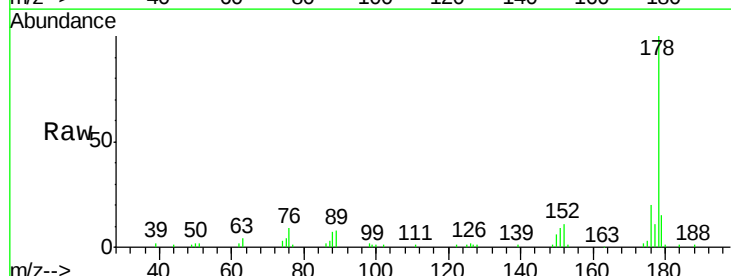
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 10.41 ng  
 RT: 11.47 min Scan# 821  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.6  | 23.4  |
| 179     | 15.5  | 12.3  | 18.5  |

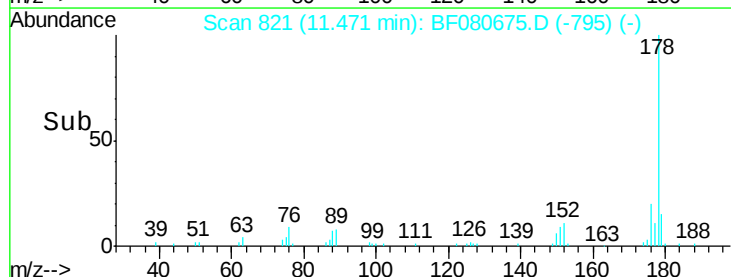
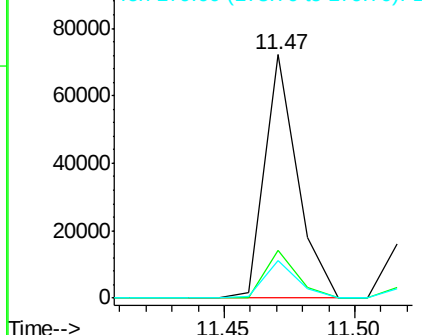


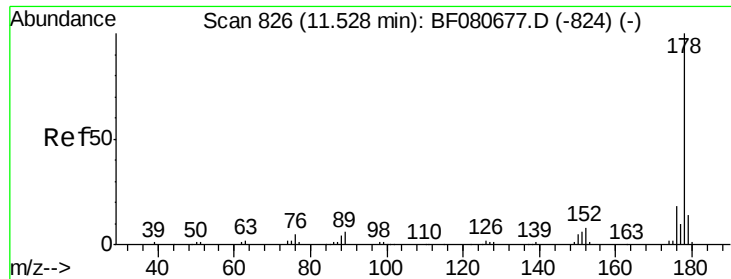
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





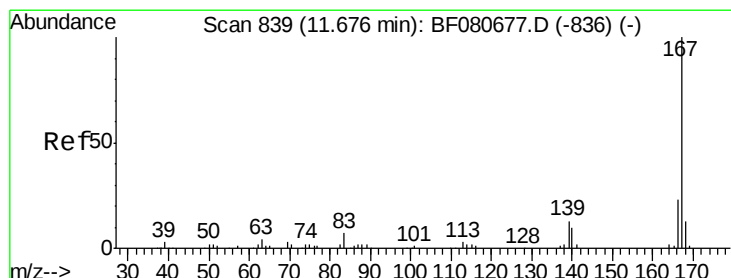
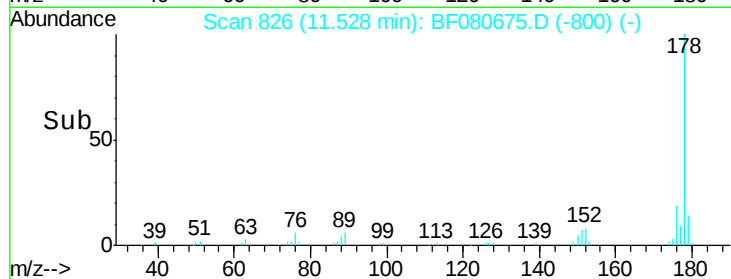
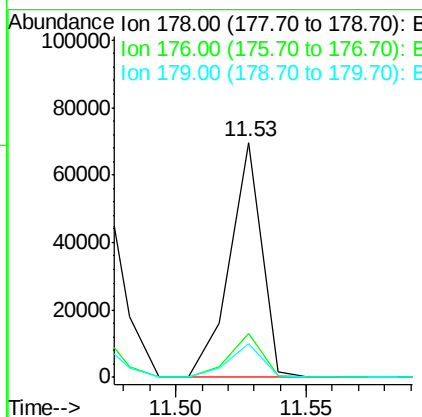
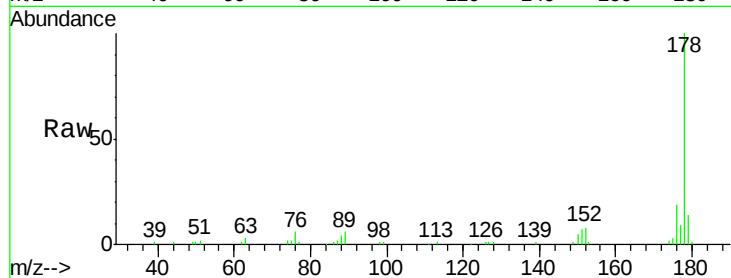
#71  
 Anthracene  
 Concen: 10.35 ng  
 RT: 11.53 min Scan# 826  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 14.3  | 21.5  |
| 179     | 14.3  | 10.8  | 16.2  |

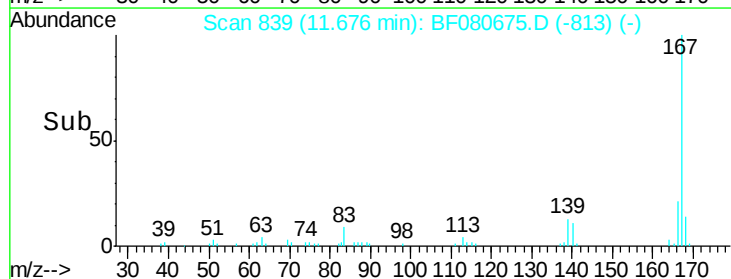
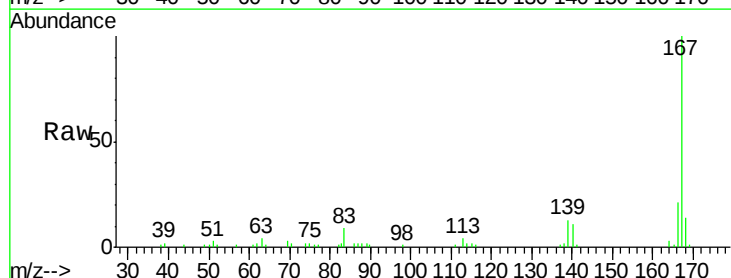
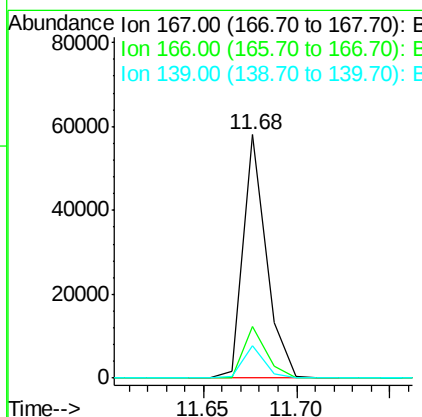
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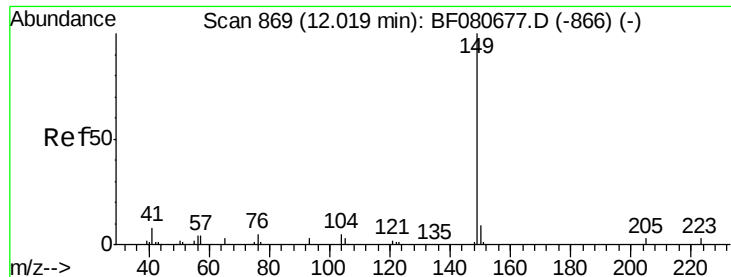
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#72  
 Carbazole  
 Concen: 9.75 ng  
 RT: 11.68 min Scan# 839  
 Delta R.T. 0.00 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.3  | 18.1  | 27.1  |
| 139     | 13.3  | 10.1  | 15.1  |





#73

Di-n-butylphthalate

Concen: 8.36 ng

RT: 12.02 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

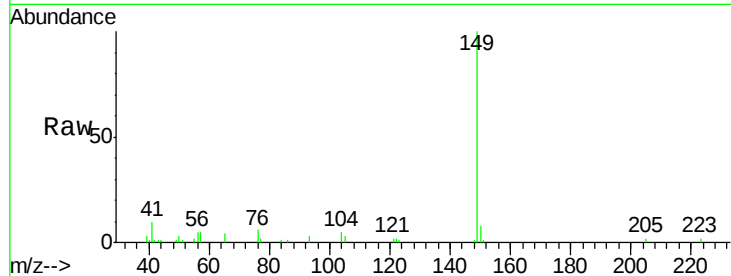
ClientSampleId :

SSTDIC010

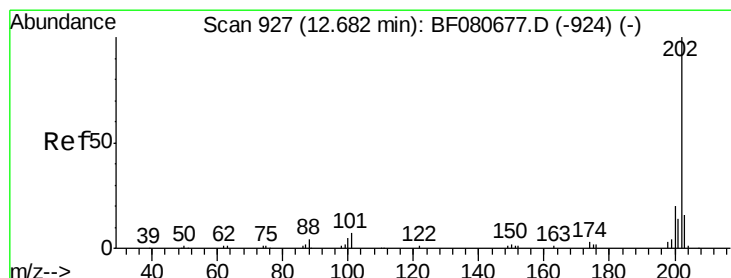
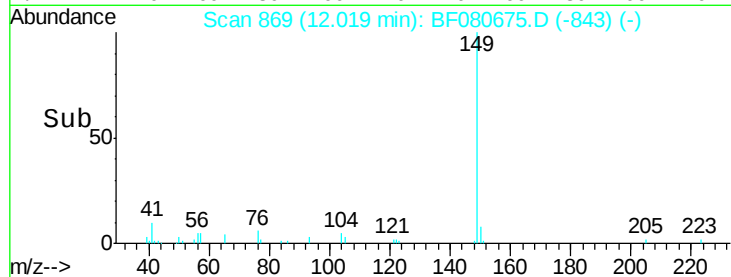
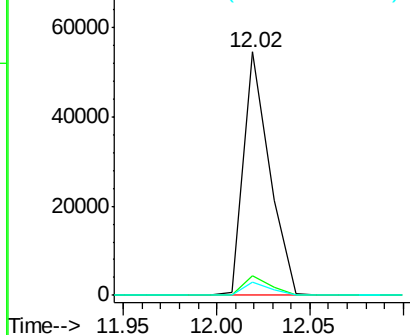
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 149   | Resp: | 52845 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 150       | 8.0   | 6.8   | 10.2  |
| 104       | 5.3   | 4.0   | 6.0   |

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



#74

Fluoranthene

Concen: 8.96 ng

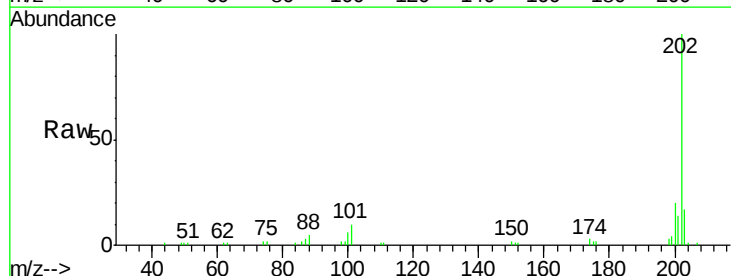
RT: 12.69 min Scan# 928

Delta R.T. 0.01 min

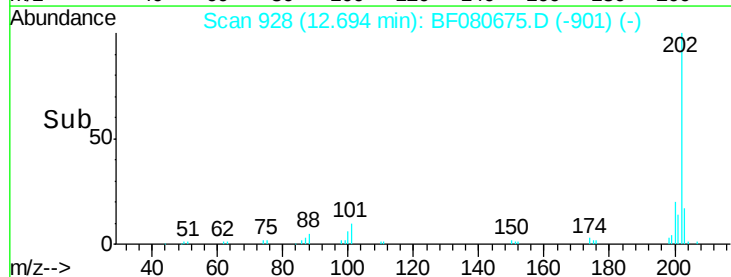
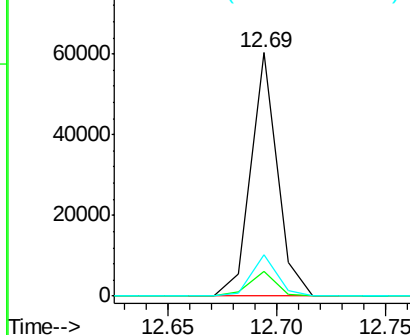
Lab File: BF080675.D

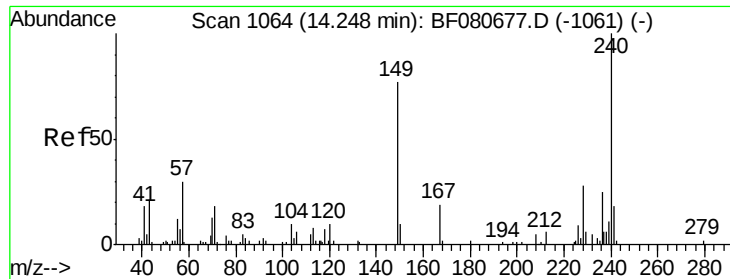
Acq: 27 Jul 2015 16:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 50947 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 10.4  | 0.0   | 27.3  |
| 203       | 16.9  | 0.0   | 36.0  |



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.31 min Scan# 1069

Delta R.T. 0.06 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

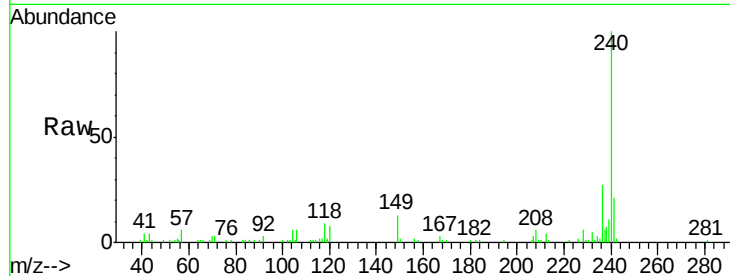
ClientSampleId :

SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.6   | 8.0   | 12.0# |
| 236     | 27.3  | 20.0  | 30.0  |

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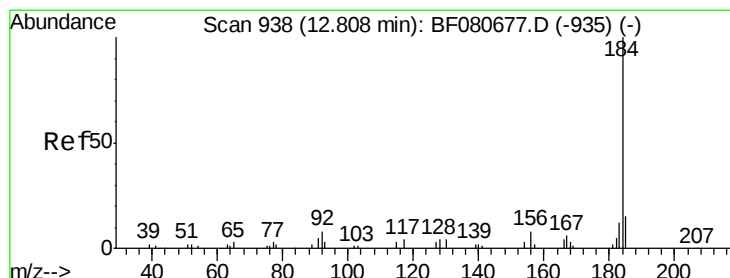
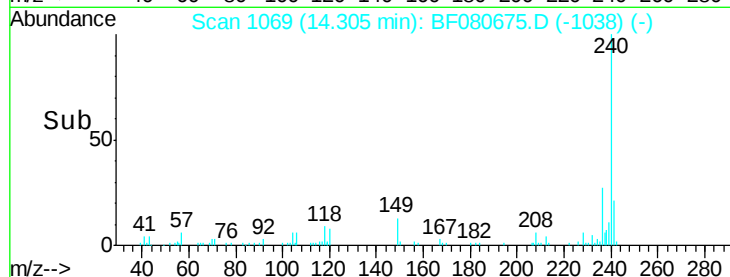
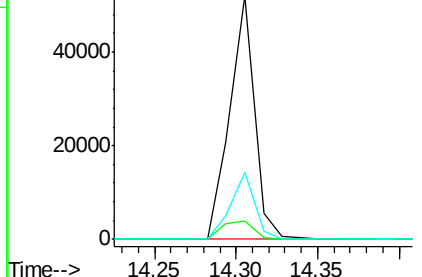
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.07 ng

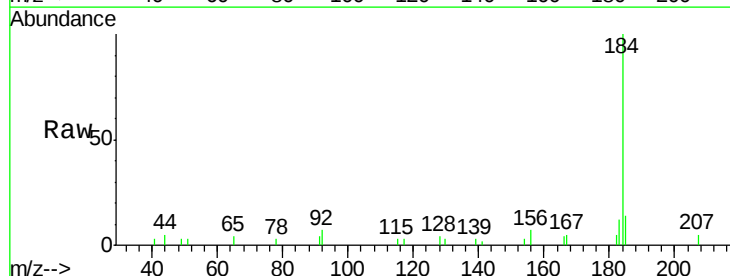
RT: 12.83 min Scan# 940

Delta R.T. 0.02 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

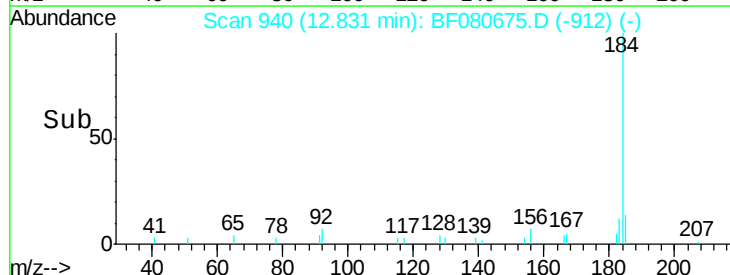
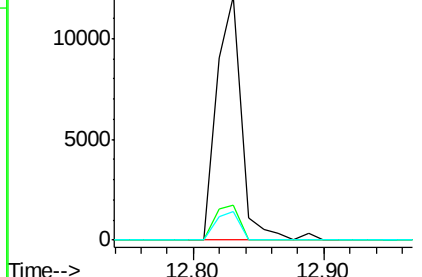
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.2  | 11.8  | 17.6  |
| 183     | 11.7  | 9.7   | 14.5  |

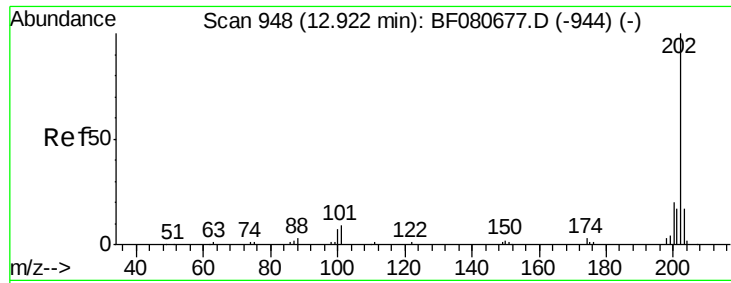


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 13.68 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF080675.D

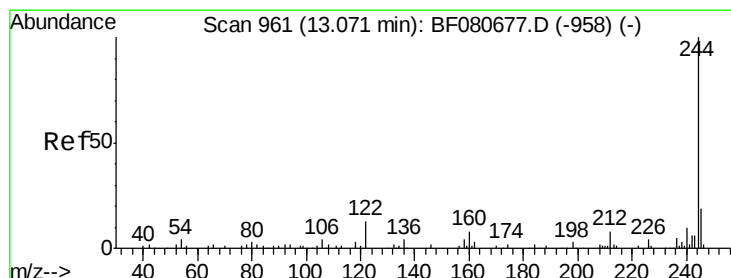
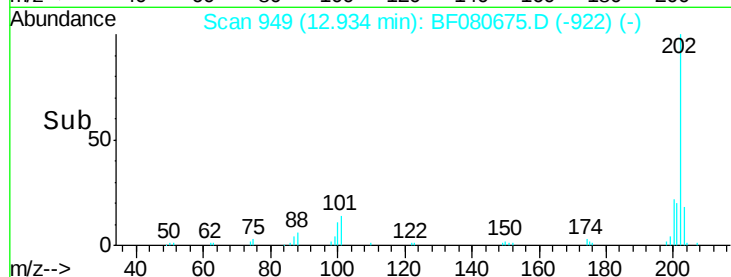
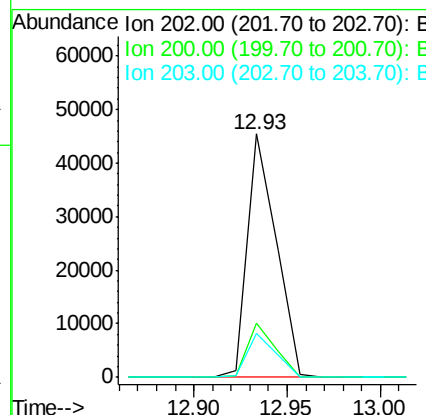
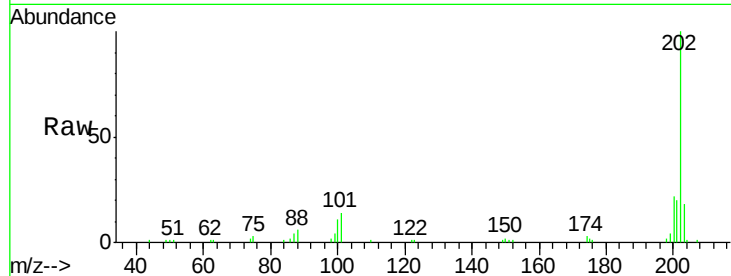
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 202   | Resp: | 48549 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 22.2  | 16.3  | 24.5  |
| 203       | 18.0  | 13.4  | 20.2  |

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#78

Terphenyl-d14

Concen: 25.77 ng

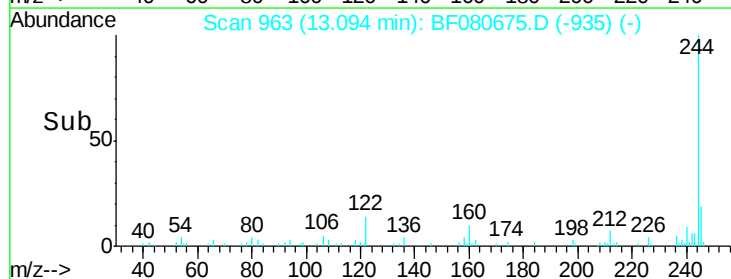
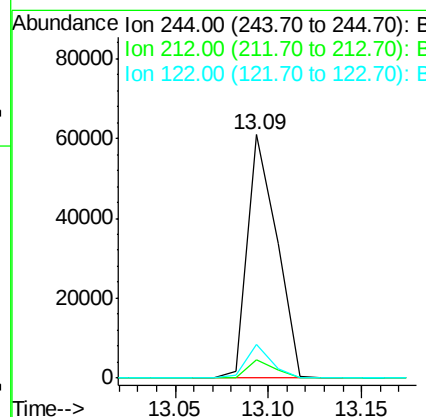
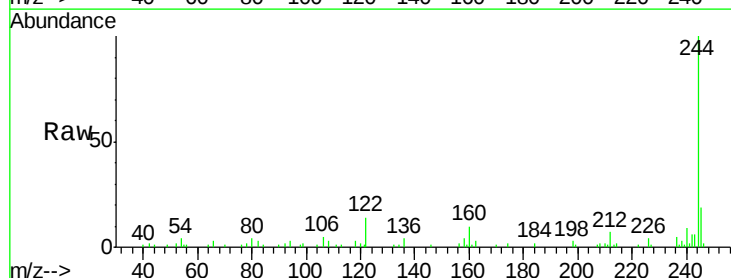
RT: 13.09 min Scan# 963

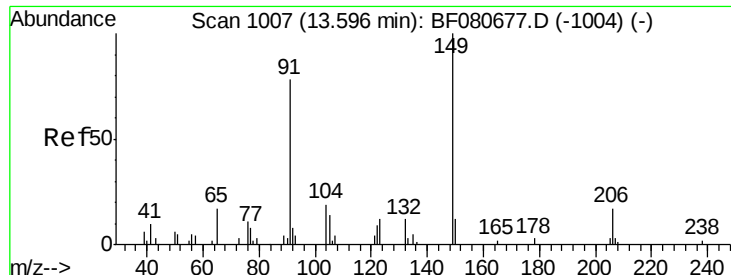
Delta R.T. 0.02 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 66545 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 7.4   | 6.1   | 9.1   |
| 122       | 13.6  | 10.2  | 15.2  |





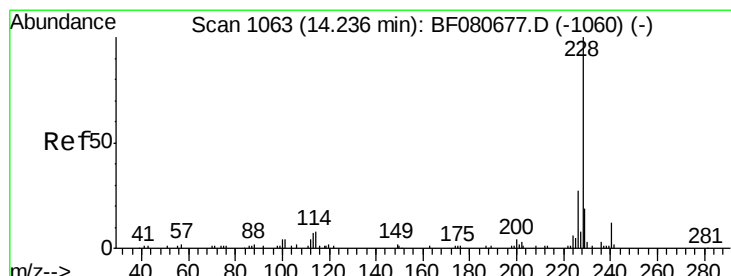
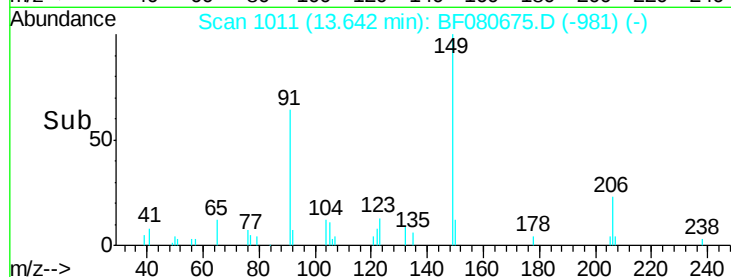
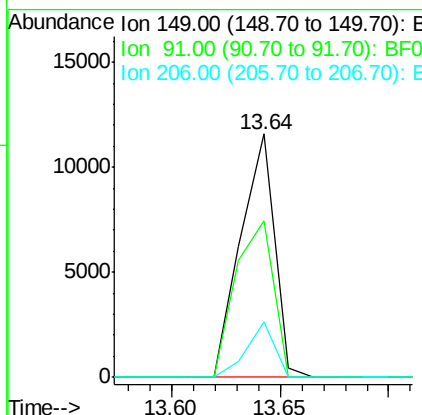
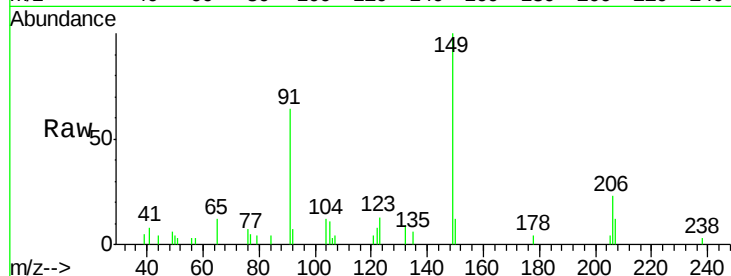
#79  
 Butylbenzylphthalate  
 Concen: 8.86 ng  
 RT: 13.64 min Scan# 1011  
 Delta R.T. 0.05 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 149   | Resp: | 12529 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 64.2  | 62.6  | 93.8  |
| 206       | 22.9  | 13.3  | 19.9  |

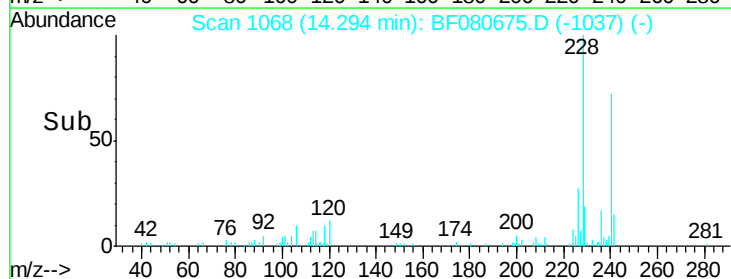
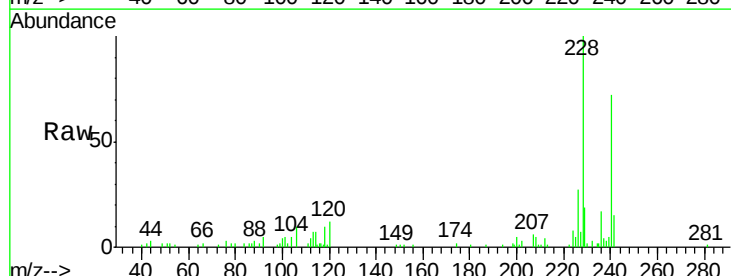
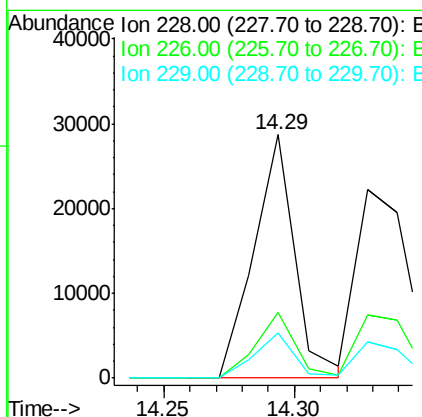
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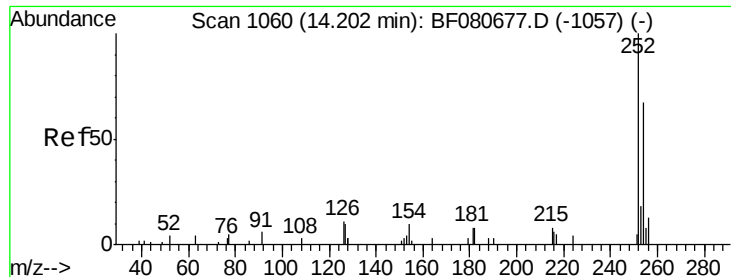
apatel  
 7/29/2015 10:39:46 AM



#80  
 Benzo(a)anthracene  
 Concen: 9.90 ng  
 RT: 14.29 min Scan# 1068  
 Delta R.T. 0.06 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 31190 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 27.2  | 21.8  | 32.6  |
| 229       | 18.5  | 14.9  | 22.3  |





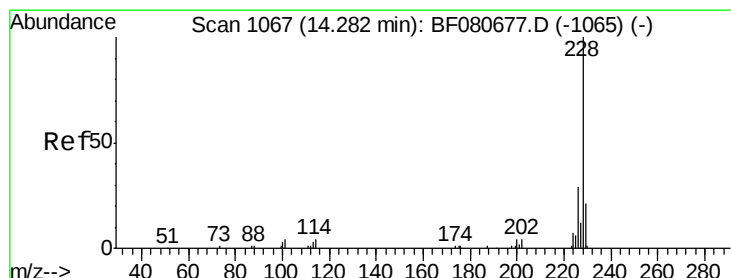
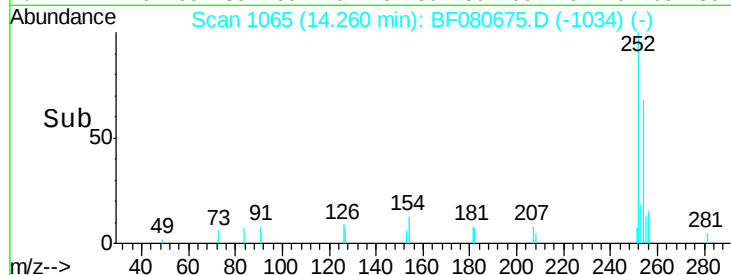
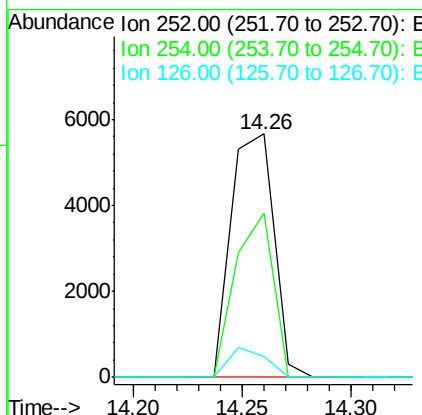
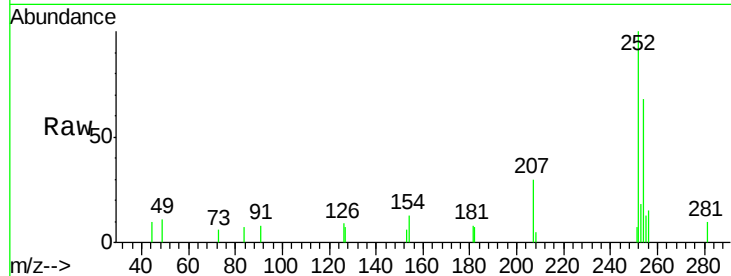
#81  
 3,3'-Dichlorobenzidine  
 Concen: 7.77 ng  
 RT: 14.26 min Scan# 1065  
 Delta R.T. 0.06 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 67.6  | 53.8  | 80.8  |
| 126     | 8.7   | 9.0   | 13.4  |

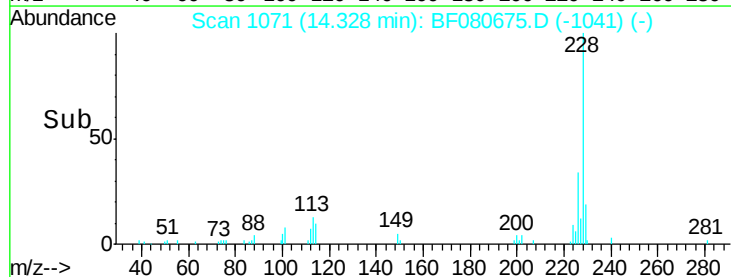
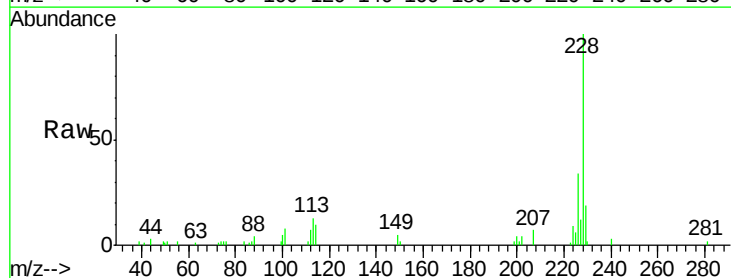
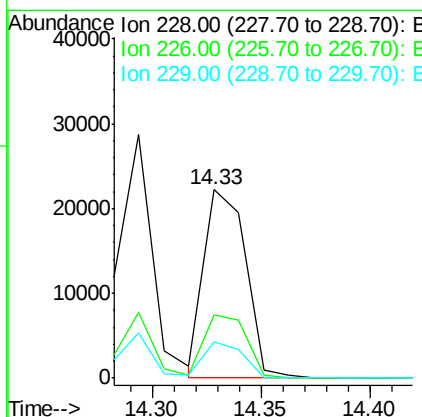
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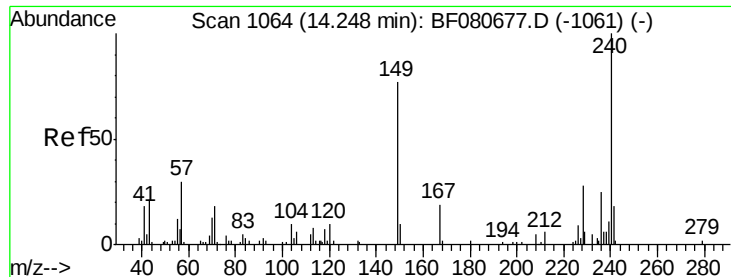
apatel  
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#82  
 Chrysene  
 Concen: 9.98 ng  
 RT: 14.33 min Scan# 1071  
 Delta R.T. 0.05 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 33.5  | 23.0  | 34.4  |
| 229     | 19.1  | 17.1  | 25.7  |





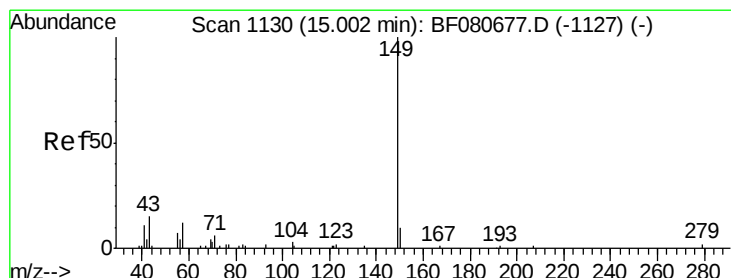
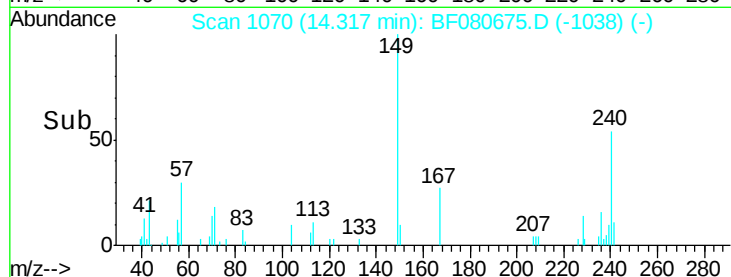
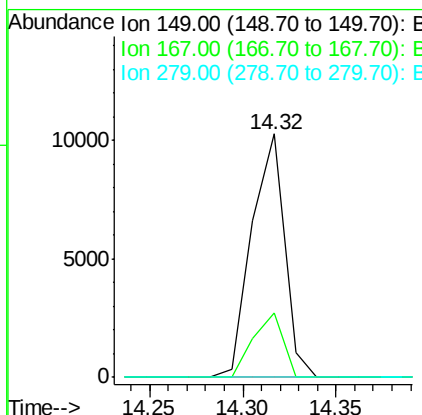
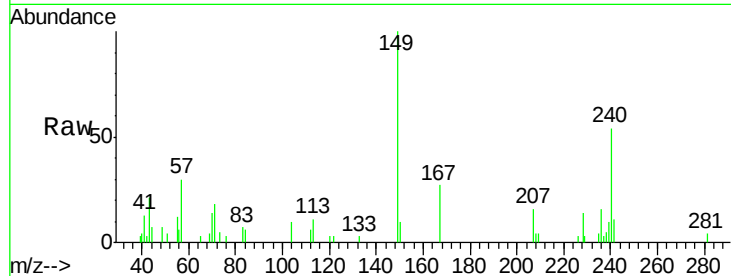
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 5.99 ng  
 RT: 14.32 min Scan# 1070  
 Delta R.T. 0.07 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 12529 |       |       |
| 167     | 26.6  | 20.0  | 30.0  |       |
| 279     | 0.0   | 2.1   | 3.1   |       |

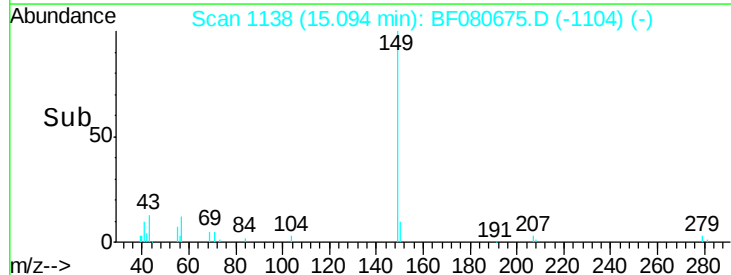
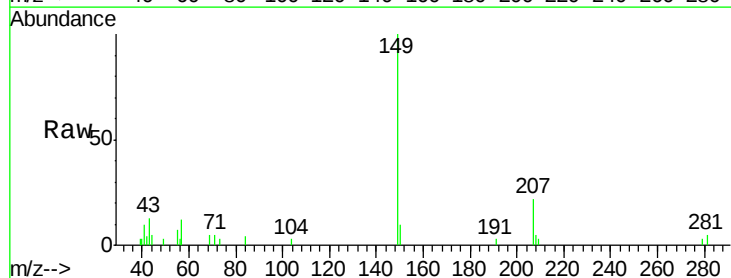
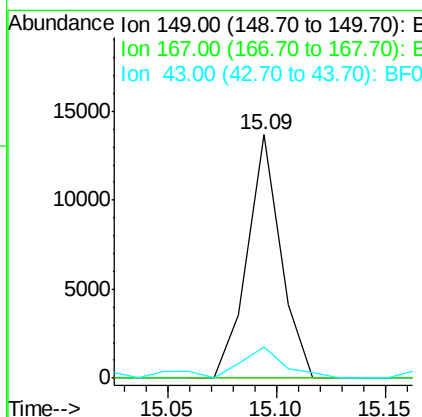
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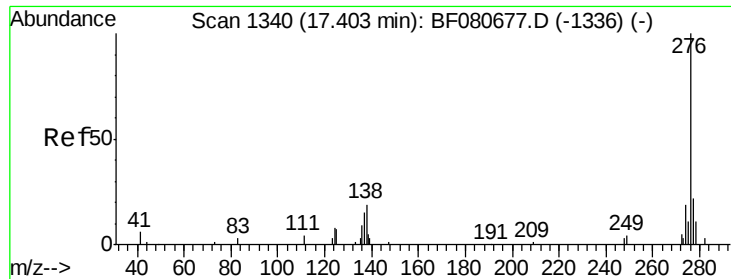
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#84  
 Di-n-octyl phthalate  
 Concen: 4.45 ng  
 RT: 15.09 min Scan# 1138  
 Delta R.T. 0.09 min  
 Lab File: BF080675.D  
 Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 14647 |       |       |
| 167     | 0.0   | 0.6   | 1.0   |       |
| 43      | 19.4  | 11.6  | 17.4  |       |





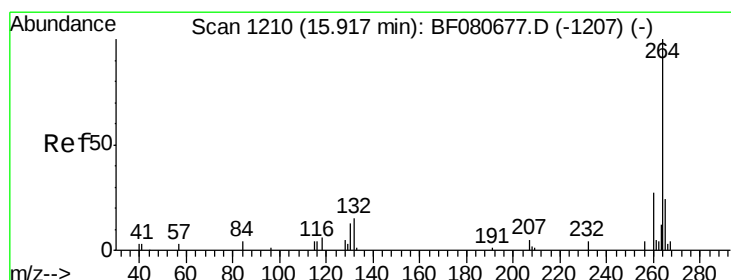
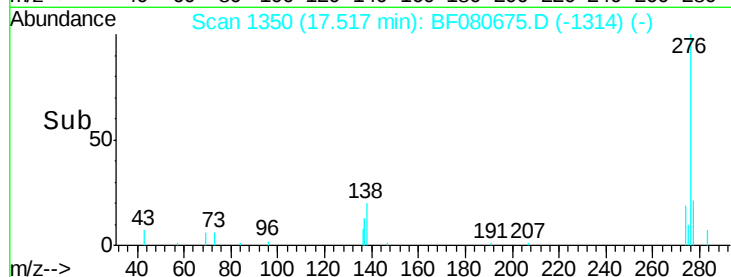
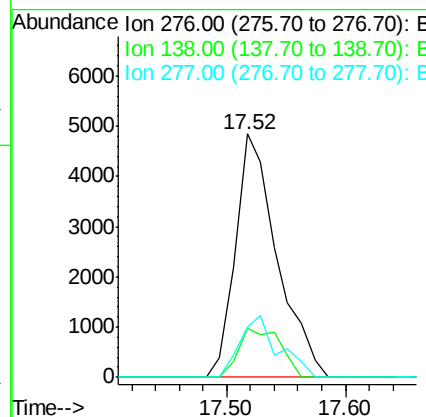
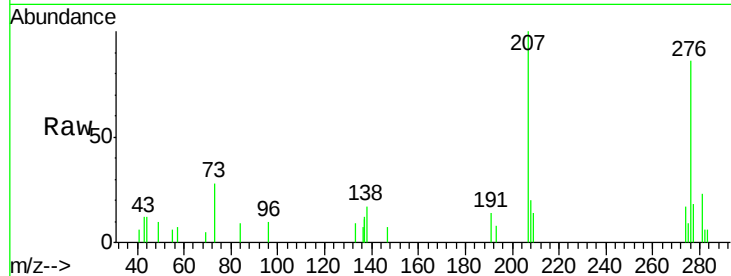
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 3.77 ng  
RT: 17.52 min Scan# 1350  
Delta R.T. 0.11 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 20.1  | 19.7  | 29.5  |
| 277     | 23.0  | 18.2  | 27.4  |

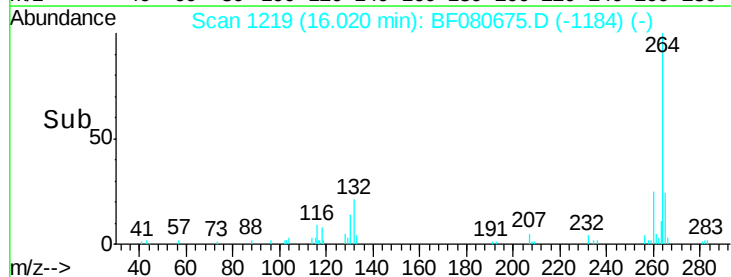
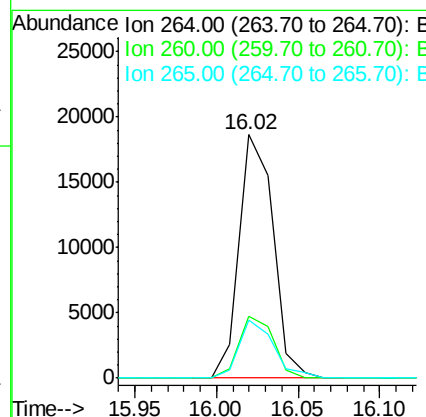
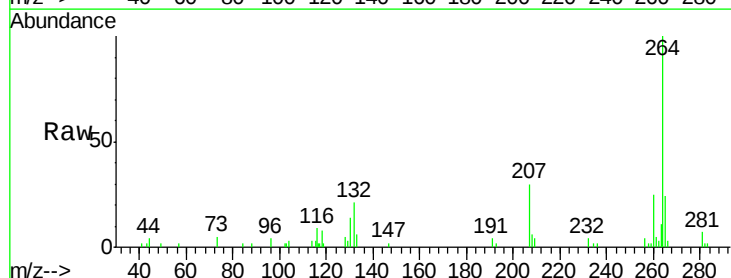
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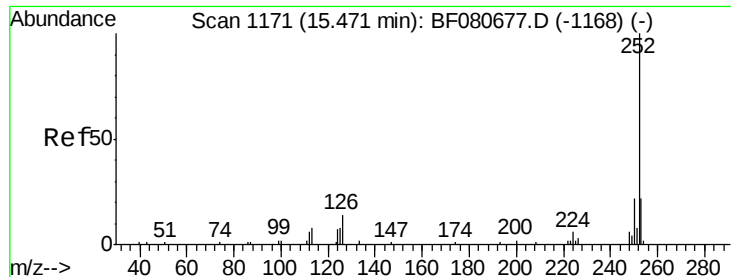
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 16.02 min Scan# 1219  
Delta R.T. 0.10 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.3  | 21.6  | 32.4  |
| 265     | 23.8  | 19.3  | 28.9  |





#87

Benzo(b)fluoranthene

Concen: 10.20 ng

RT: 15.57 min Scan# 1180

Delta R.T. 0.10 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

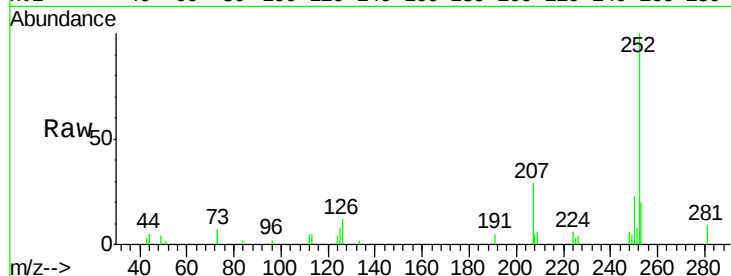
ClientSampleId :

SSTDICC010

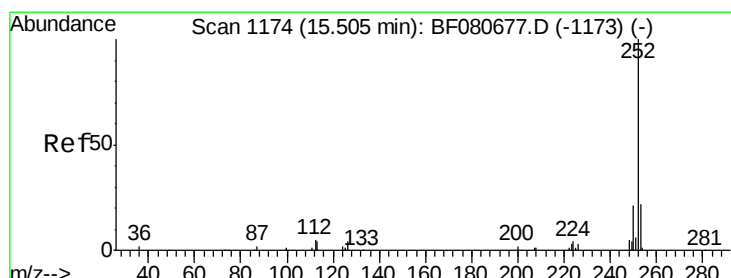
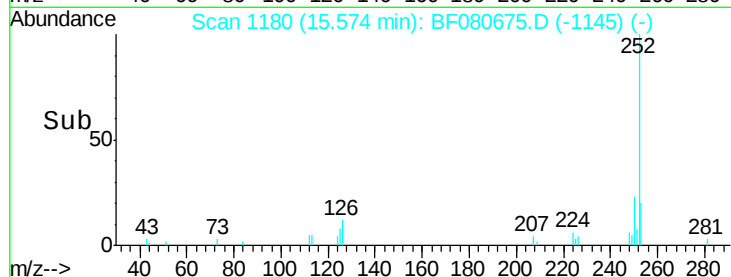
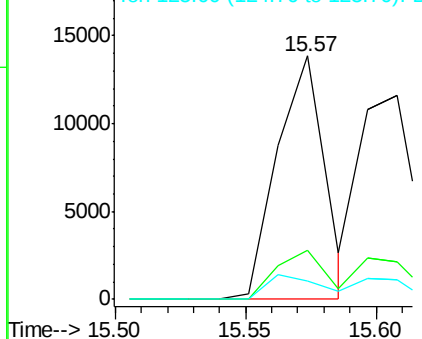
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 17531 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 20.4  | 17.8  | 26.8  |
| 125       | 7.5   | 6.7   | 10.1  |

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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 11.77 ng m

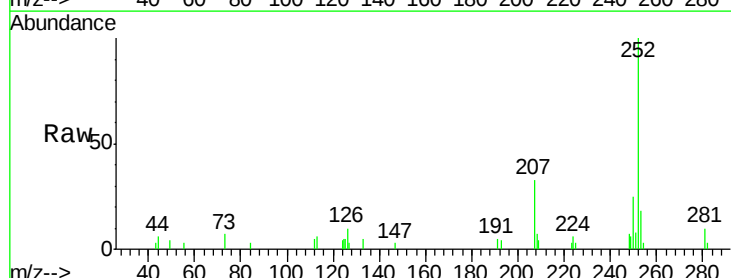
RT: 15.61 min Scan# 1183

Delta R.T. 0.10 min

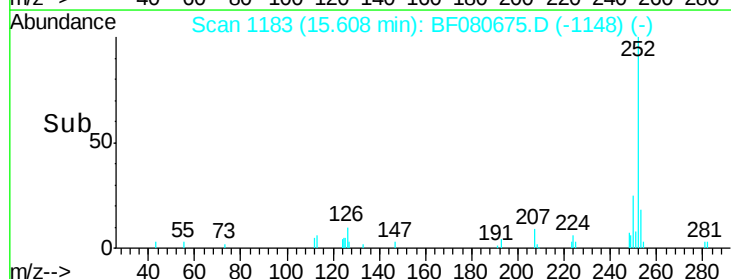
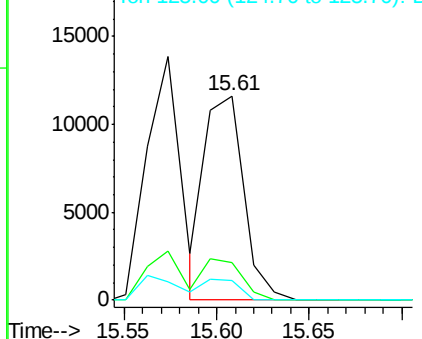
Lab File: BF080675.D

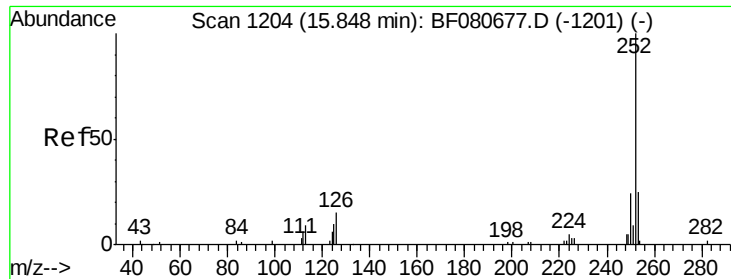
Acq: 27 Jul 2015 16:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 17048 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 18.5  | 17.8  | 26.6  |
| 125       | 5.1   | 6.7   | 10.1# |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





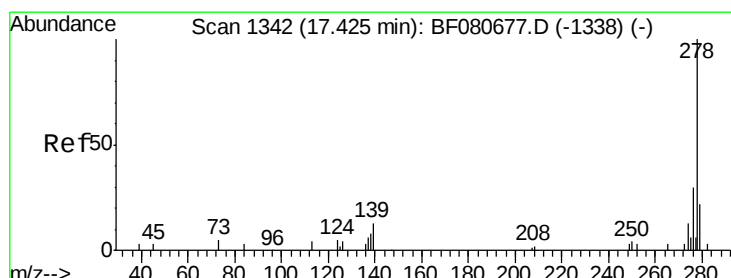
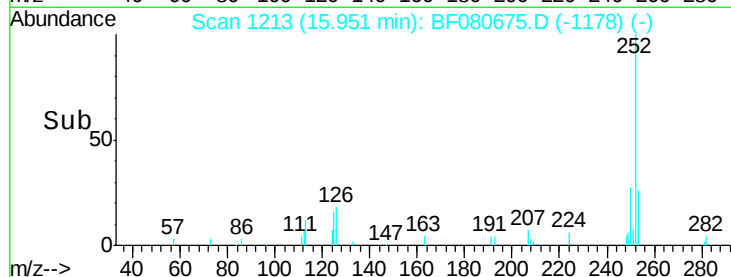
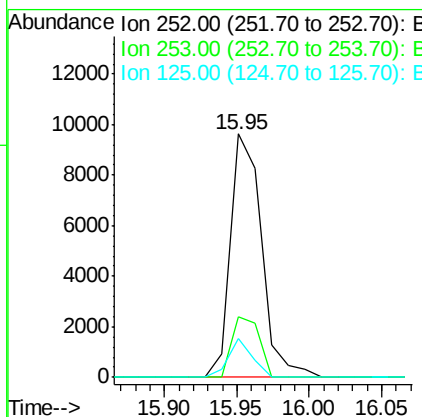
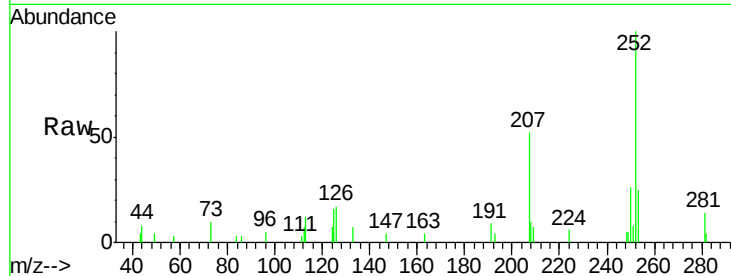
#89  
Benzo(a)pyrene  
Concen: 9.70 ng  
RT: 15.95 min Scan# 1213  
Delta R.T. 0.10 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.7  | 20.2  | 30.2  |
| 125     | 15.7  | 8.4   | 12.6  |

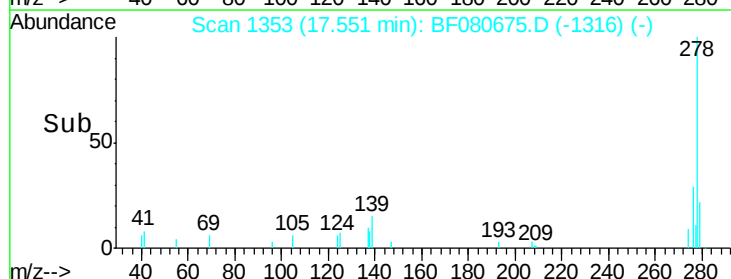
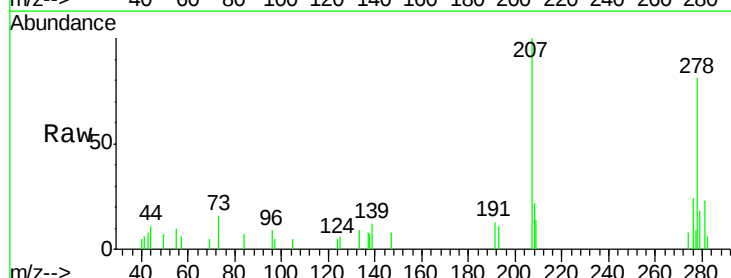
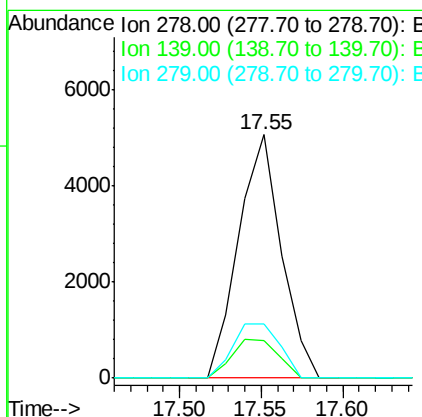
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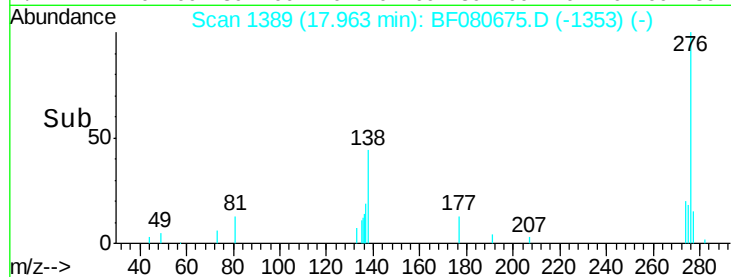
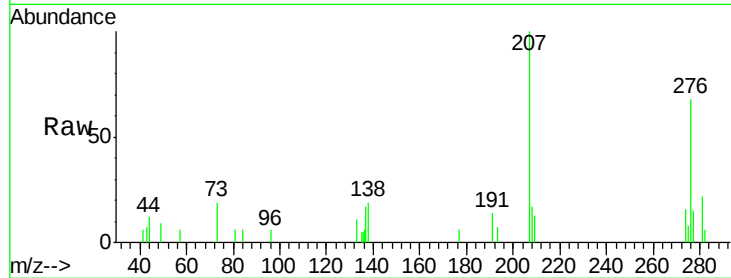
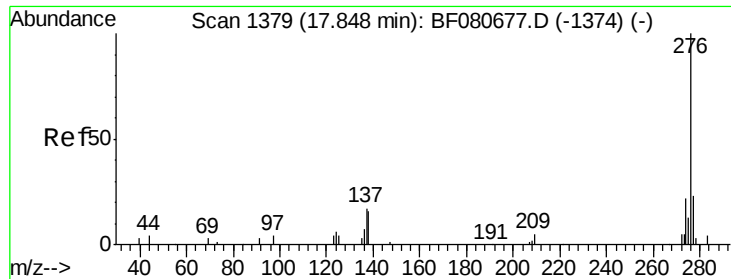
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#90  
Dibenzo(a,h)anthracene  
Concen: 6.25 ng  
RT: 17.55 min Scan# 1353  
Delta R.T. 0.13 min  
Lab File: BF080675.D  
Acq: 27 Jul 2015 16:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.3  | 10.3  | 15.5  |
| 279     | 22.0  | 17.4  | 26.0  |





#91

Benzo(a,h,i)perylene

Concen: 6.23 ng

RT: 17.96 min Scan# 1389

Delta R.T. 0.11 min

Lab File: BF080675.D

Acq: 27 Jul 2015 16:41

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.7  | 18.7  | 28.1  |
| 138     | 28.8  | 12.7  | 19.1  |

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