

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030415\  
 Data File : BF077597.D  
 Acq On : 5 Mar 2015 00:41  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 3/5/2015 12:48:02 PM

Quant Time: Mar 05 04:56:11 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 04 21:51:23 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.22  | 152  | 90213    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.80  | 136  | 365418   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.97 | 164  | 181207   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.81 | 188  | 343344   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.09 | 240  | 367151   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 17.76 | 264  | 361736   | 20.00 | ng    | -0.08    |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.51  | 112 | 420542  | 77.82 | ng | 0.00 |
| 7) Phenol-d6             | 6.78  | 99  | 533985  | 76.86 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.91  | 82  | 473542  | 80.59 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.95 | 330 | 144848  | 83.02 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 10.15 | 172 | 929479  | 79.98 | ng | 0.00 |
| 78) Terphenyl-d14        | 14.81 | 244 | 1106769 | 70.47 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.13 | 88  | 88454  | 38.57 | ng | 97     |
| 3) Pyridine                    | 2.85 | 79  | 270566 | 41.24 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 2.77 | 42  | 108190 | 37.93 | ng | 96     |
| 6) Aniline                     | 6.81 | 93  | 366953 | 38.21 | ng | # 70   |
| 8) 2-Chlorophenol              | 6.95 | 128 | 249931 | 39.21 | ng | 90     |
| 9) Benzaldehyde                | 6.67 | 77  | 182592 | 43.29 | ng | 96     |
| 10) Phenol                     | 6.80 | 94  | 303732 | 36.84 | ng | # 19   |
| 11) bis(2-Chloroethyl)ether    | 6.91 | 93  | 223407 | 37.71 | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 7.15 | 146 | 267714 | 38.57 | ng | # 90   |
| 13) 1,4-Dichlorobenzene        | 7.24 | 146 | 268862 | 38.07 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.43 | 146 | 249883 | 37.20 | ng | 97     |
| 15) Benzyl Alcohol             | 7.40 | 79  | 193186 | 36.58 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.58 | 45  | 325081 | 38.39 | ng | 98     |
| 17) 2-Methylphenol             | 7.55 | 107 | 192181 | 38.57 | ng | 97     |
| 18) Hexachloroethane           | 7.84 | 117 | 93914  | 39.82 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.74 | 70  | 173854 | 39.40 | ng | 93     |
| 20) 3+4-Methylphenols          | 7.74 | 107 | 254427 | 38.77 | ng | # 76   |
| 22) Acetophenone               | 7.73 | 105 | 349067 | 40.61 | ng | # 87   |
| 24) Nitrobenzene               | 7.94 | 77  | 257090 | 41.58 | ng | 88     |
| 25) Isophorone                 | 8.24 | 82  | 447808 | 38.41 | ng | 95     |
| 26) 2-Nitrophenol              | 8.33 | 139 | 114767 | 45.29 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 8.40 | 122 | 226863 | 40.02 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.52 | 93  | 292137 | 39.67 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.63 | 162 | 204627 | 38.45 | ng | 90     |
| 30) 1,2,4-Trichlorobenzene     | 8.73 | 180 | 217208 | 37.12 | ng | 98     |
| 31) Naphthalene                | 8.82 | 128 | 683445 | 37.40 | ng | 99     |
| 32) Benzoic acid               | 8.50 | 122 | 108480 | 39.38 | ng | 97     |
| 33) 4-Chloroaniline            | 8.90 | 127 | 321441 | 39.56 | ng | # 94   |
| 34) Hexachlorobutadiene        | 8.98 | 225 | 126623 | 37.91 | ng | 99     |
| 35) Caprolactam                | 9.33 | 113 | 62301  | 38.35 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 9.51 | 107 | 208160 | 38.91 | ng | 95     |
| 37) 2-Methylnaphthalene        | 9.68 | 142 | 497385 | 38.33 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.89 | 216 | 214380 | 41.23 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.88 | 237 | 113865 | 40.84 | ng | 97     |

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Manual Integrations  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 04 21:51:23 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 10.04 | 196  | 145341   | 42.21 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 10.08 | 196  | 157199   | 42.69 | ng #  | 86       |
| 45) 1,1'-Biphenyl              | 10.27 | 154  | 578914   | 42.17 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 10.29 | 162  | 439738   | 40.84 | ng    | 99       |
| 47) 2-Nitroaniline             | 10.42 | 65   | 134358   | 50.69 | ng #  | 73       |
| 48) Acenaphthylene             | 10.80 | 152  | 722405   | 42.38 | ng    | 99       |
| 49) Dimethylphthalate          | 10.66 | 163  | 533340   | 41.87 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.73 | 165  | 116699   | 45.68 | ng #  | 75       |
| 51) Acenaphthene               | 11.01 | 154  | 423523   | 41.64 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.93 | 138  | 132625   | 45.03 | ng    | 88       |
| 53) 2,4-Dinitrophenol          | 11.06 | 184  | 37783    | 48.61 | ng #  | 72       |
| 54) Dibenzofuran               | 11.23 | 168  | 659457   | 41.99 | ng    | 97       |
| 55) 4-Nitrophenol              | 11.14 | 139  | 106389   | 44.91 | ng #  | 68       |
| 56) 2,4-Dinitrotoluene         | 11.22 | 165  | 150091   | 43.48 | ng #  | 75       |
| 57) Fluorene                   | 11.65 | 166  | 532057   | 42.38 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.38 | 232  | 128924   | 43.56 | ng    | 97       |
| 59) Diethylphthalate           | 11.53 | 149  | 504005   | 40.14 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 11.66 | 204  | 239702   | 39.62 | ng    | 95       |
| 61) 4-Nitroaniline             | 11.68 | 138  | 131152   | 46.46 | ng    | 97       |
| 62) Azobenzene                 | 11.86 | 77   | 512138   | 42.99 | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 11.72 | 198  | 59817    | 44.00 | ng    | 77       |
| 65) n-Nitrosodiphenylamine     | 11.81 | 169  | 447760   | 39.30 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.27 | 248  | 145545   | 36.20 | ng #  | 90       |
| 67) Hexachlorobenzene          | 12.32 | 284  | 157223   | 36.43 | ng #  | 83       |
| 68) Atrazine                   | 12.48 | 200  | 127849   | 34.52 | ng    | 100      |
| 69) Pentachlorophenol          | 12.58 | 266  | 86145    | 37.98 | ng    | 98       |
| 70) Phenanthrene               | 12.84 | 178  | 758608   | 38.12 | ng    | 99       |
| 71) Anthracene                 | 12.90 | 178  | 744153   | 37.68 | ng    | 100      |
| 72) Carbazole                  | 13.11 | 167  | 722184   | 38.46 | ng    | 98       |
| 73) Di-n-butylphthalate        | 13.56 | 149  | 822545   | 37.31 | ng    | 99       |
| 74) Fluoranthene               | 14.31 | 202  | 817071   | 37.59 | ng    | 99       |
| 76) Benzidine                  | 14.50 | 184  | 551588   | 44.47 | ng    | 99       |
| 77) Pyrene                     | 14.59 | 202  | 848145   | 37.76 | ng    | 99       |
| 79) Butylbenzylphthalate       | 15.42 | 149  | 360765   | 39.04 | ng    | 93       |
| 80) Benzo(a)anthracene         | 16.08 | 228  | 814090   | 37.83 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 16.06 | 252  | 294933   | 37.41 | ng    | 99       |
| 82) Chrysene                   | 16.13 | 228  | 745339   | 36.89 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 16.14 | 149  | 526343   | 35.52 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 16.91 | 149  | 863111   | 34.89 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.19 | 276  | 913144m  | 39.64 | ng    |          |
| 87) Benzo(b)fluoranthene       | 17.34 | 252  | 910102   | 43.27 | ng #  | 96       |
| 88) Benzo(k)fluoranthene       | 17.37 | 252  | 647438m  | 31.41 | ng    |          |
| 89) Benzo(a)pyrene             | 17.70 | 252  | 774717   | 38.67 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 19.21 | 278  | 753518   | 39.44 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 19.60 | 276  | 770357   | 39.95 | ng    | 98       |

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

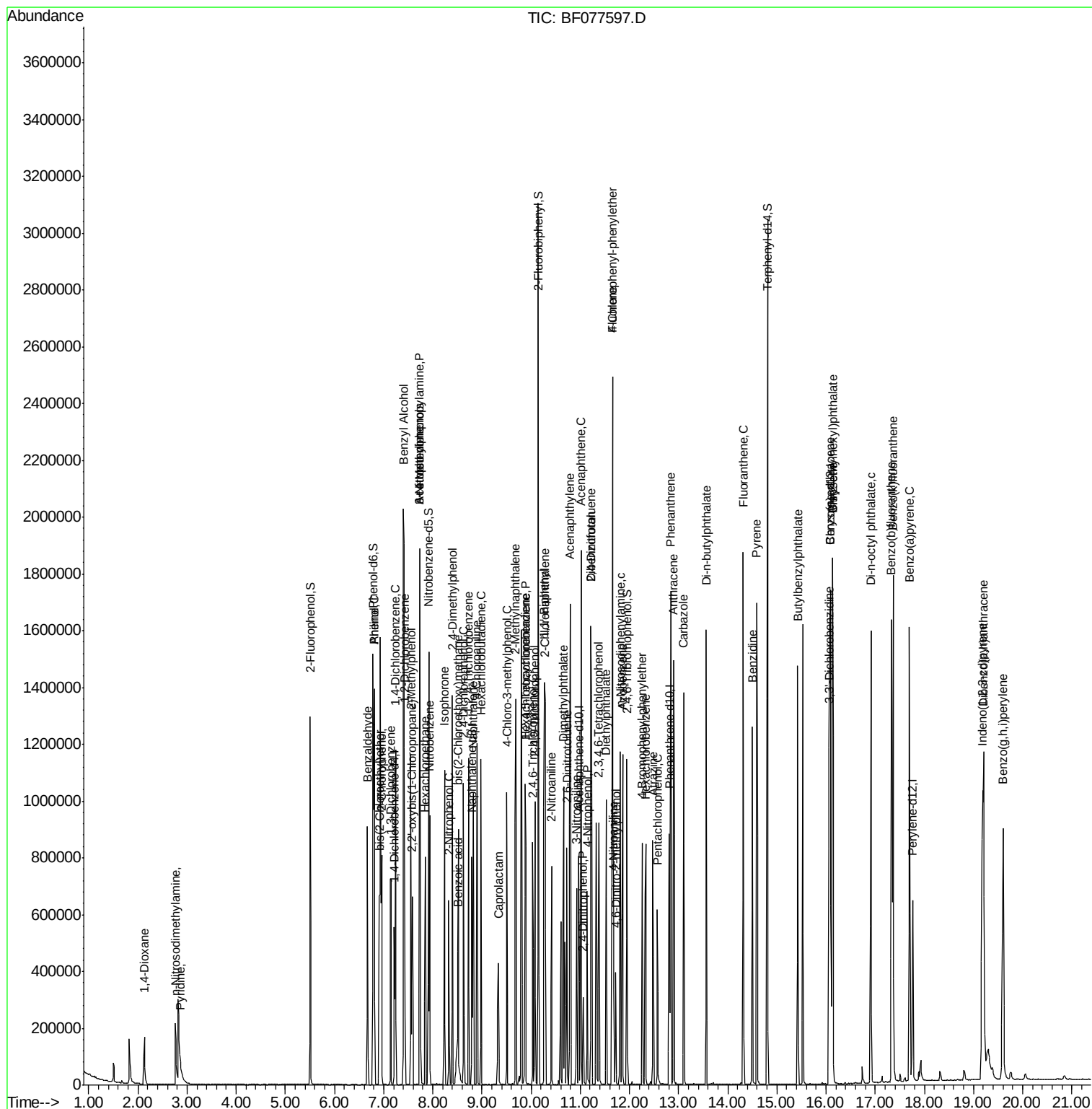
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030415\  
Data File : BF077597.D  
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Operator : TP/IZ  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

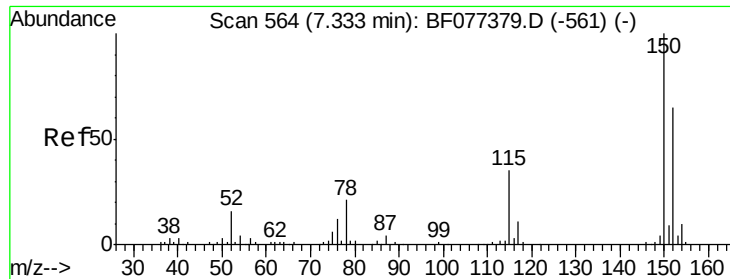
Instrument :  
BNA\_F  
Client Sampled :  
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

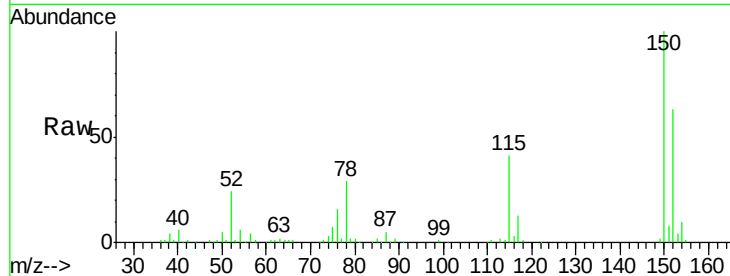
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SSTDCCC040

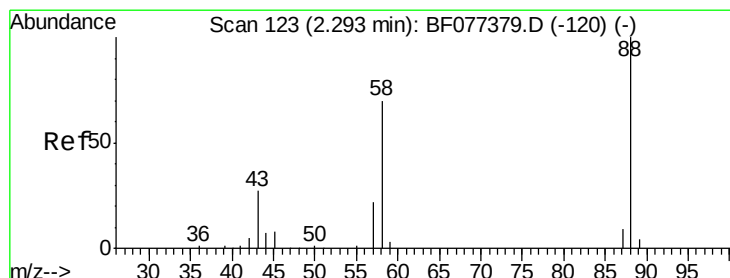
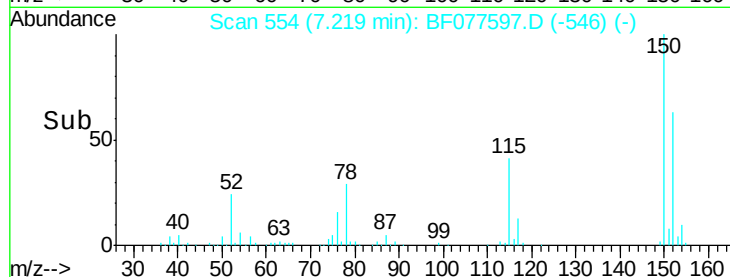
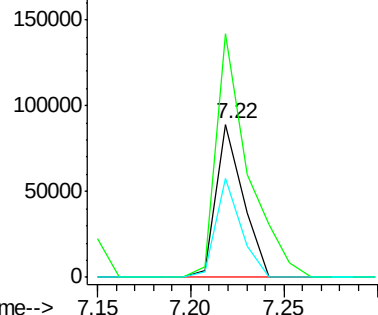
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|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 90213 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 158.9 | 124.0 | 186.0 |
| 115       | 64.5  | 49.4  | 74.2  |

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



#2

1,4-Dioxane

Concen: 38.57 ng

RT: 2.13 min Scan# 109

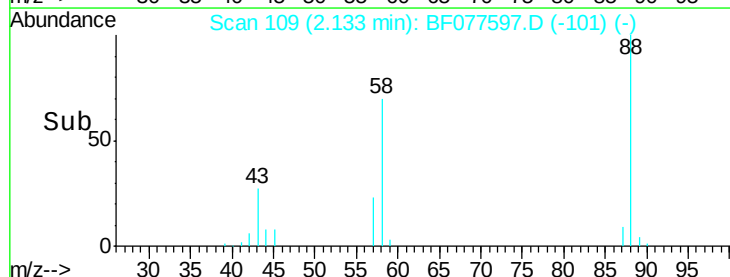
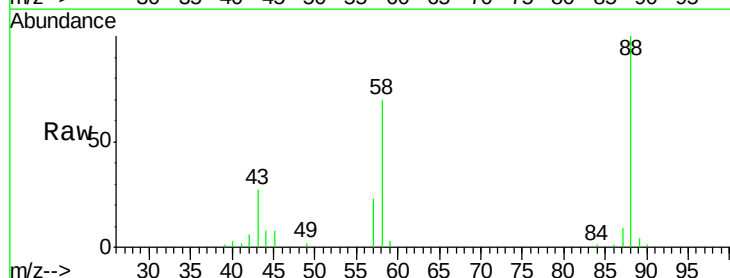
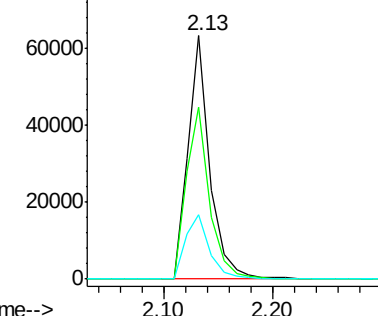
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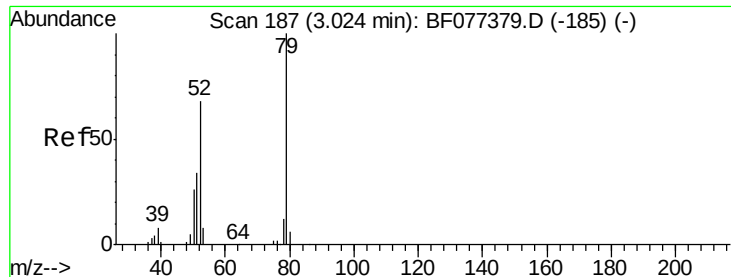
Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 88454 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 74.5  | 62.1  | 93.1  |
| 43        | 29.1  | 24.0  | 36.0  |

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





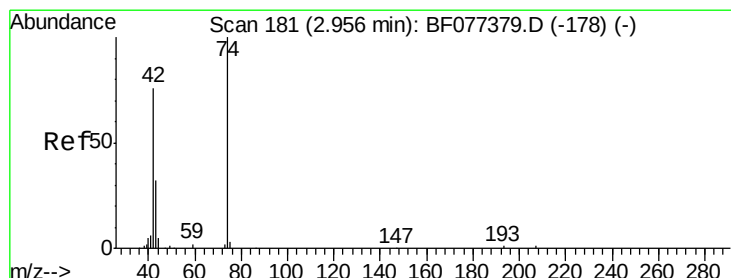
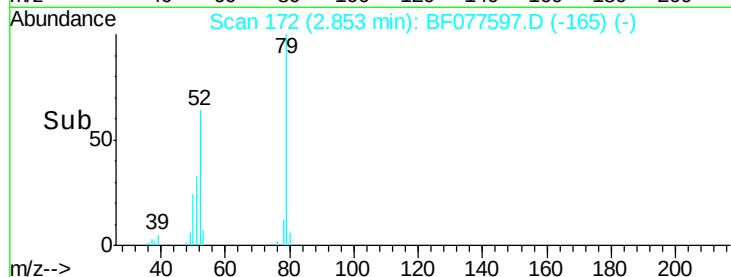
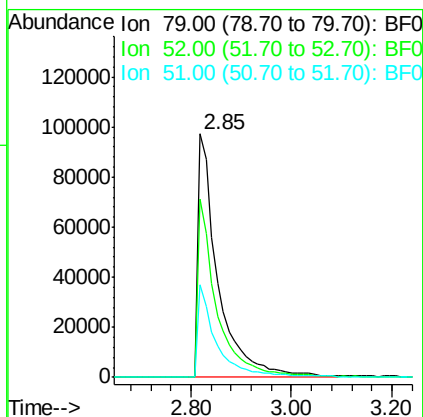
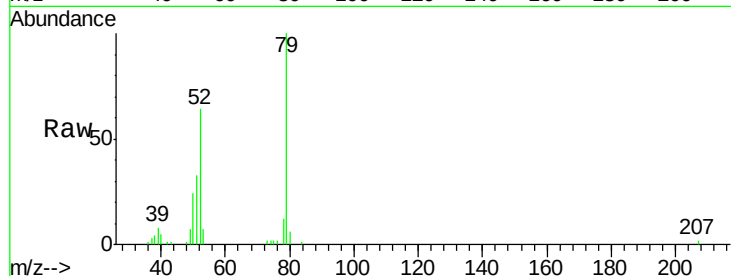
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 Pyridine  
 Concen: 41.24 ng  
 RT: 2.85 min Scan# 172  
 Delta R.T. -0.01 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 64.3  | 57.7  | 86.5  |
| 51      | 32.5  | 28.5  | 42.7  |

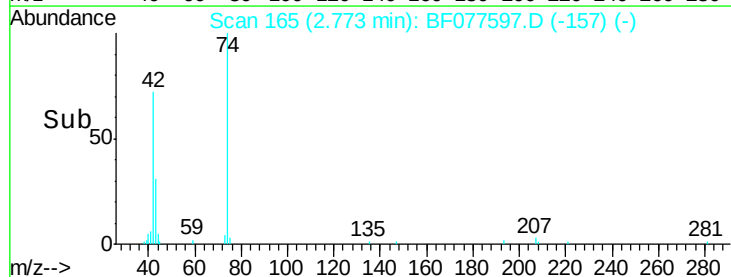
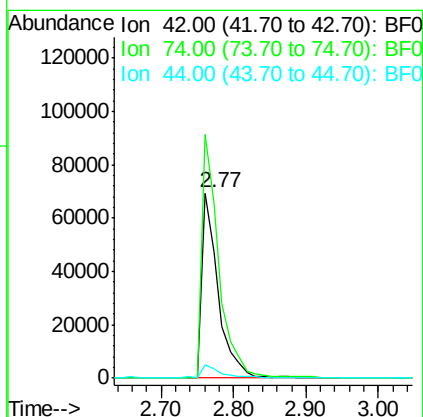
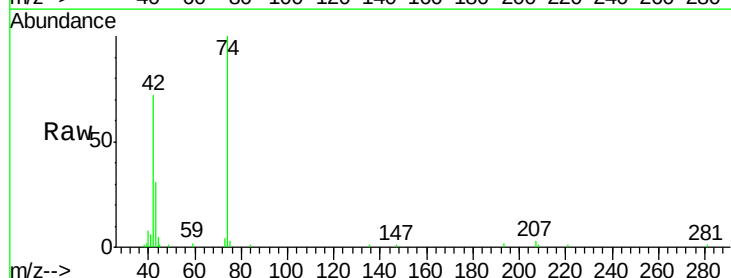
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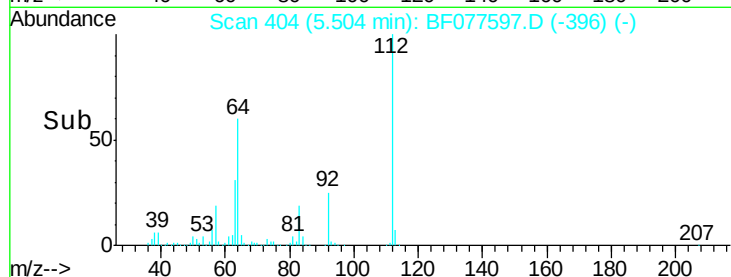
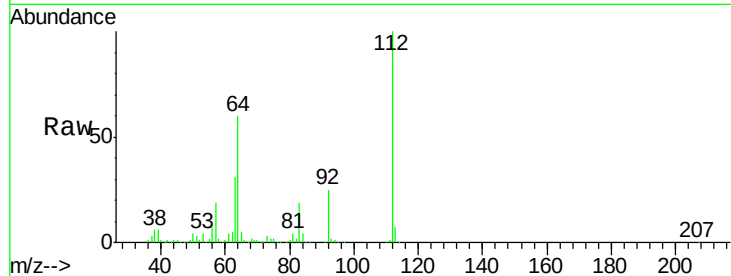
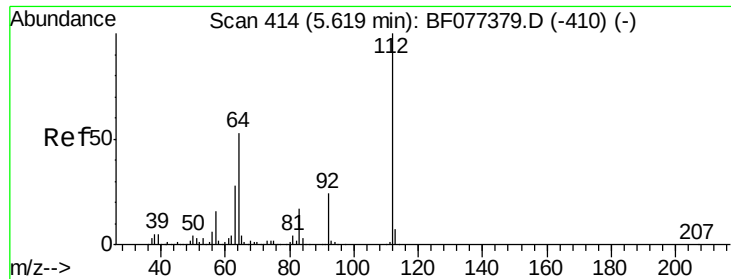
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#4  
 n-Nitrosodimethylamine  
 Concen: 37.93 ng  
 RT: 2.77 min Scan# 165  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 139.2 | 107.1 | 160.7 |
| 44      | 7.5   | 6.7   | 10.1  |





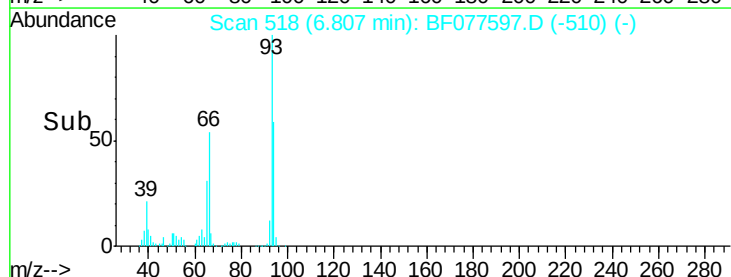
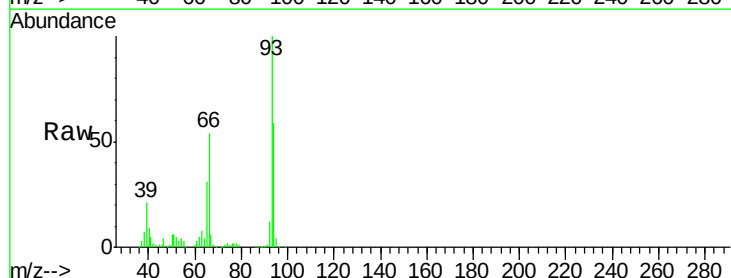
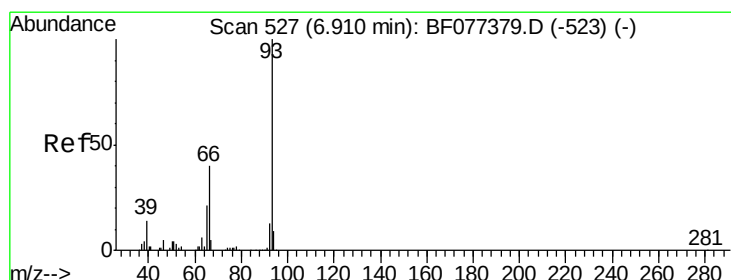
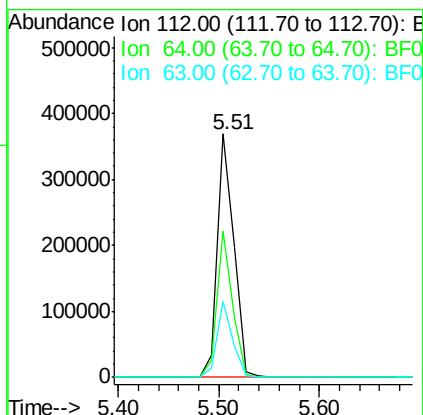
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2-Fluorophenol  
Concen: 77.82 ng  
RT: 5.51 min Scan# 404  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 420542 |       |       |
| 64      | 60.3  | 48.5   | 72.7  |       |
| 63      | 31.3  | 25.0   | 37.4  |       |

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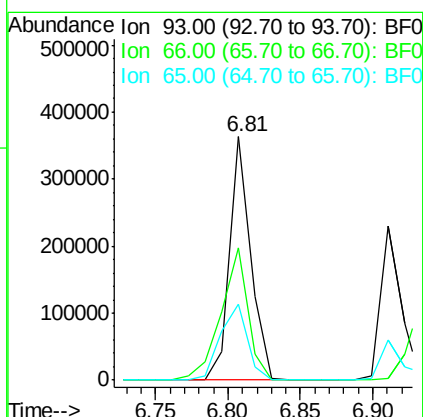
Manual Integrations  
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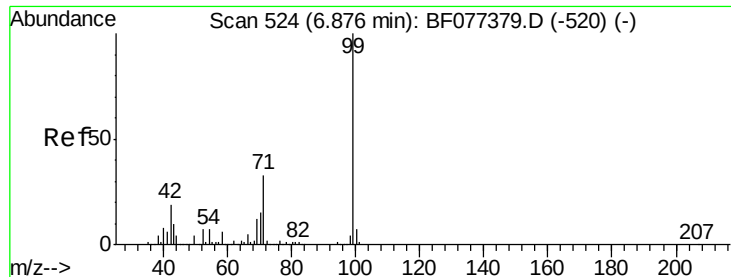
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#6  
Aniline  
Concen: 38.21 ng  
RT: 6.81 min Scan# 518  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 366953 |       |       |
| 66      | 54.1  | 29.1   | 43.7# |       |
| 65      | 31.3  | 14.6   | 22.0# |       |





#7

Phenol-d6

Concen: 76.86 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

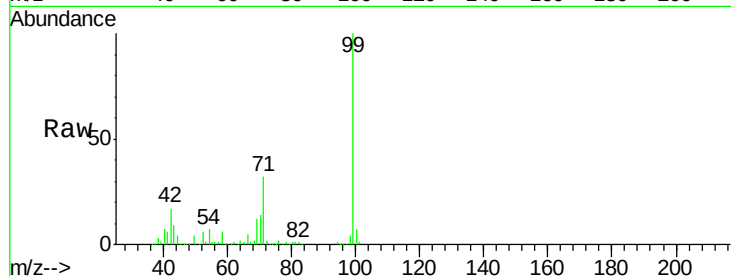
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SSTDCCC040

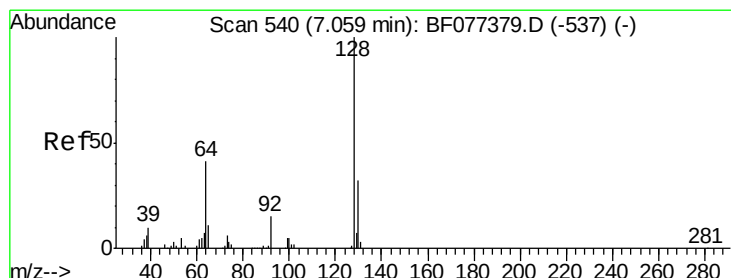
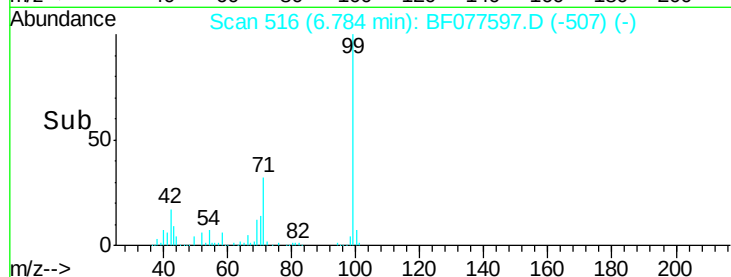
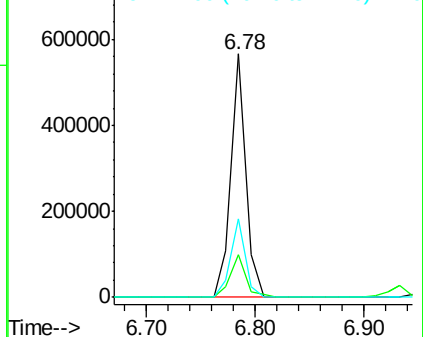
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|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 533985 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.4  | 16.2  | 24.4   |
| 71        | 32.2  | 26.7  | 40.1   |

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Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.21 ng

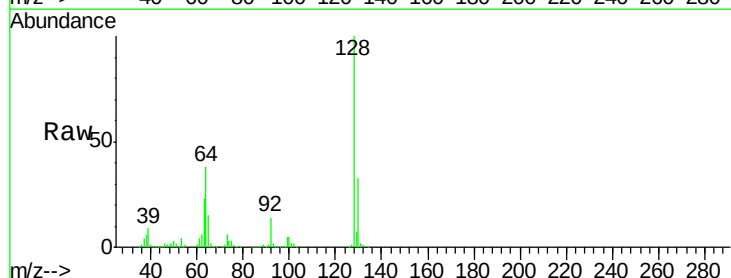
RT: 6.95 min Scan# 531

Delta R.T. -0.00 min

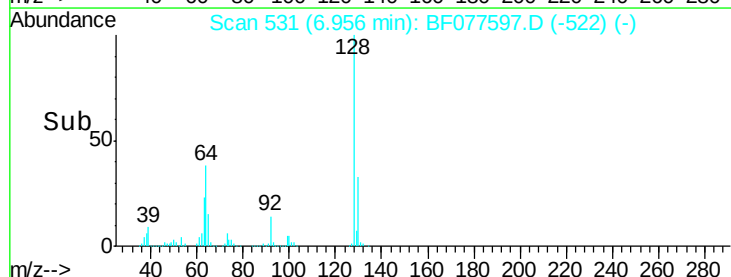
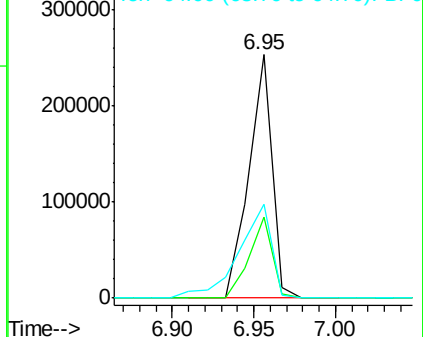
Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

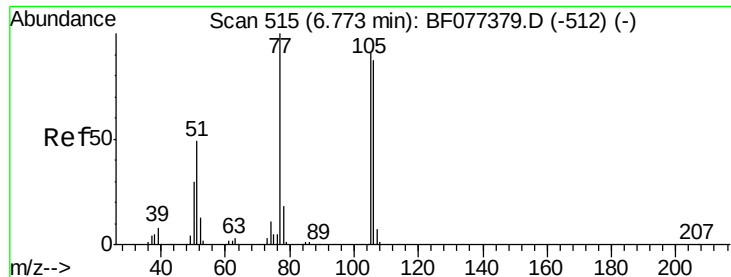
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 249931 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.0  | 12.0  | 52.0   |
| 64        | 38.4  | 29.2  | 69.2   |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 43.29 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

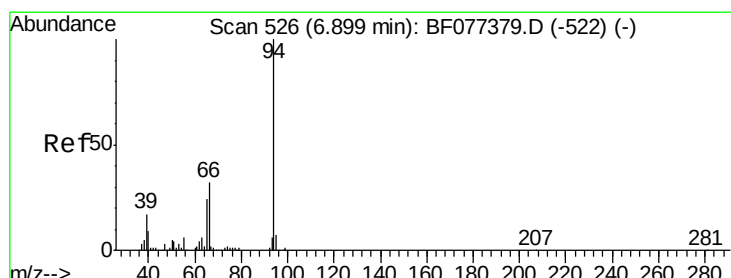
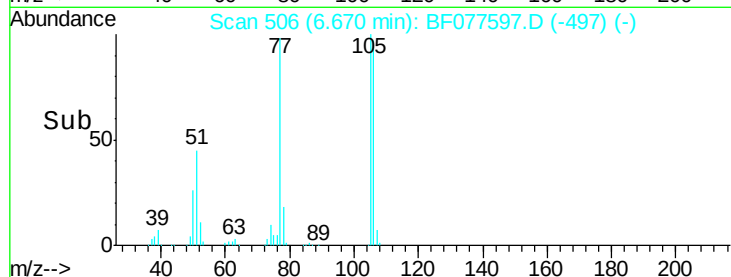
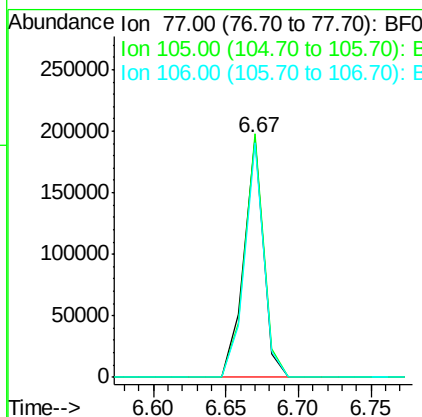
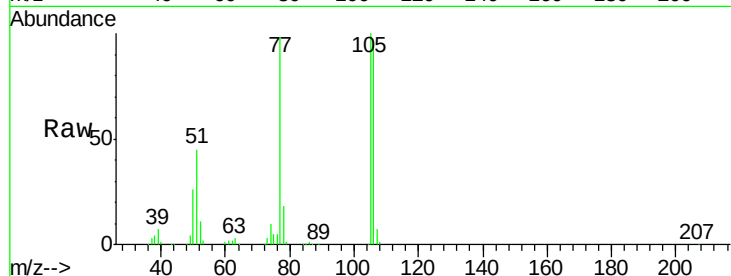
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 182592 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 101.7 | 85.9  | 125.9  |
| 106      | 98.2  | 82.9  | 122.9  |

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#10

Phenol

Concen: 36.84 ng

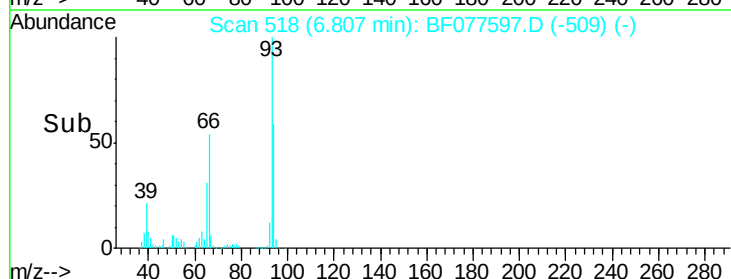
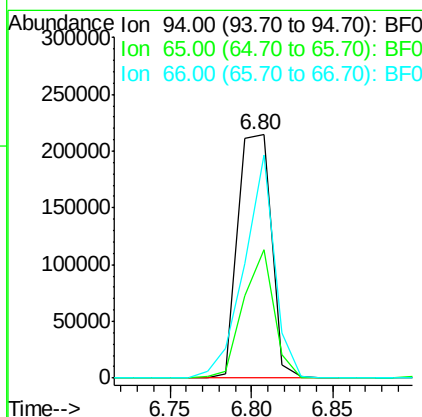
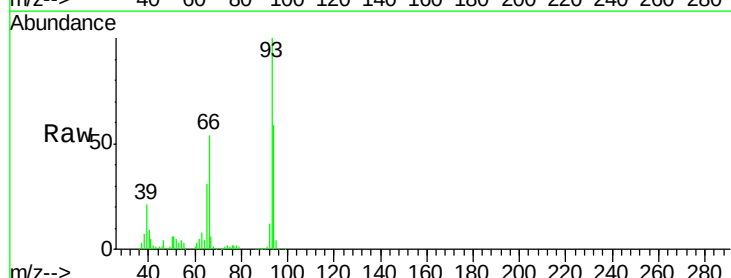
RT: 6.80 min Scan# 518

Delta R.T. -0.00 min

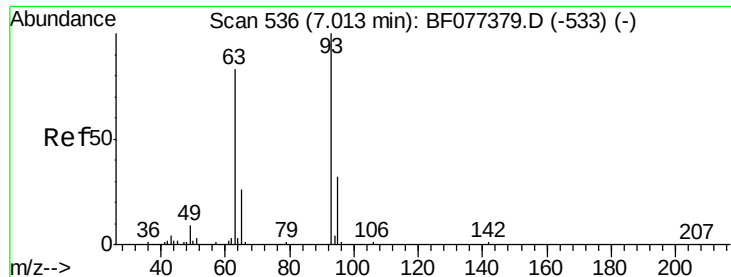
Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 303732 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 53.0  | 5.7   | 45.7#  |
| 66       | 91.7  | 13.6  | 53.6#  |







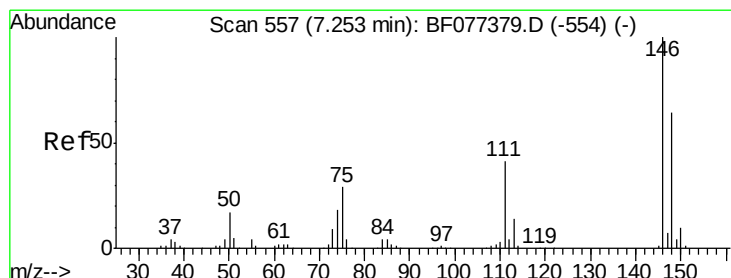
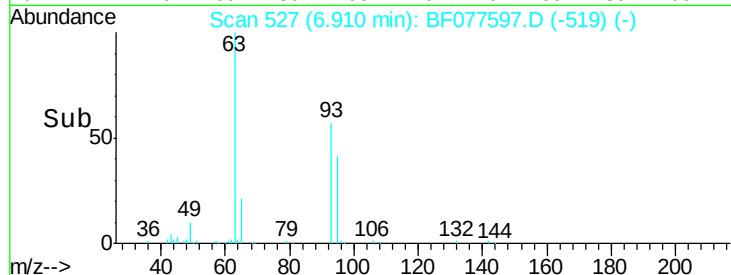
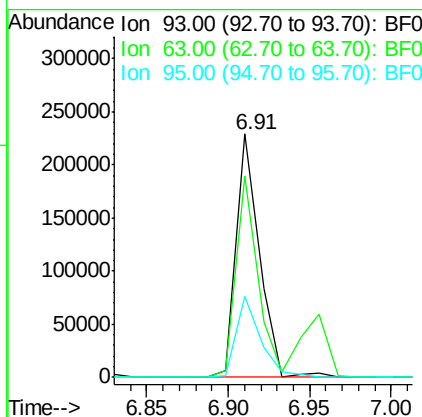
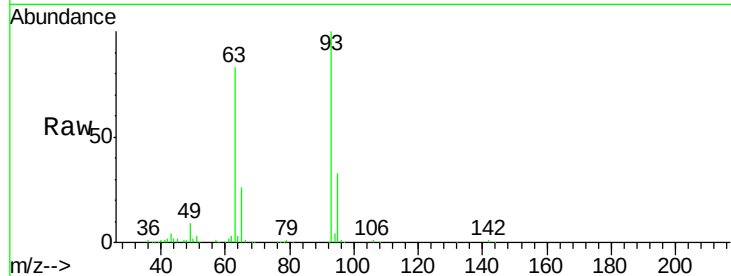
#11  
bis(2-Chloroethyl)ether  
Concen: 37.71 ng  
RT: 6.91 min Scan# 527  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 223407 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 82.9  | 48.7  | 88.7   |
| 95       | 33.2  | 13.6  | 53.6   |

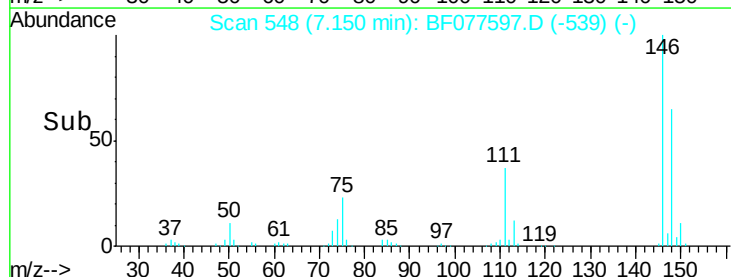
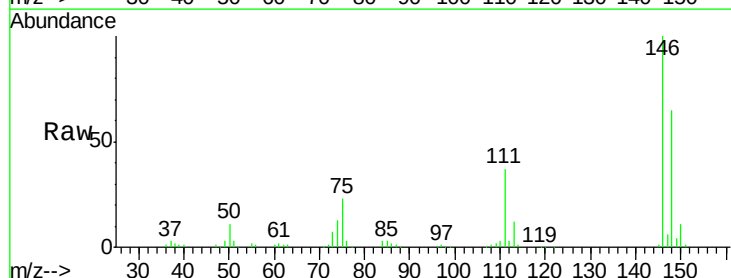
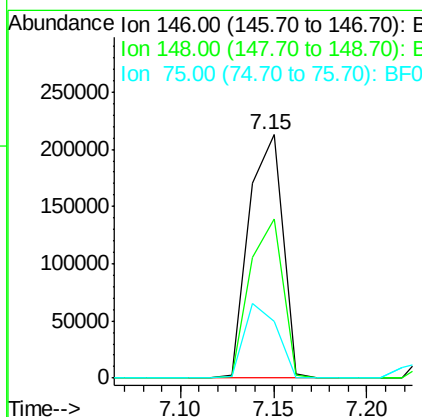
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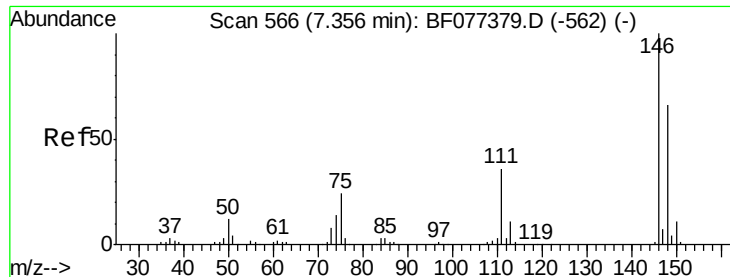
mohammad  
3/5/2015 12:48:02 PM



#12  
1,3-Dichlorobenzene  
Concen: 38.57 ng  
RT: 7.15 min Scan# 548  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 267714 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 65.3  | 49.8  | 74.8   |
| 75       | 23.2  | 28.2  | 42.4#  |





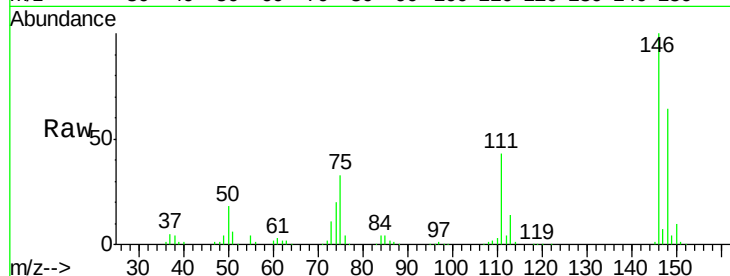
#13  
1,4-Dichlorobenzene  
Concen: 38.07 ng  
RT: 7.24 min Scan# 556  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 268862 |       |       |
| 148     | 63.9  | 52.0   | 78.0  |       |
| 111     | 43.1  | 31.9   | 47.9  |       |

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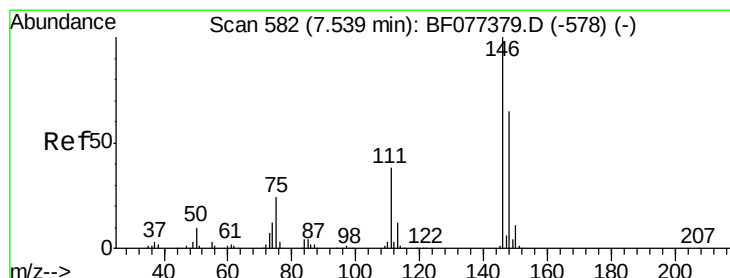
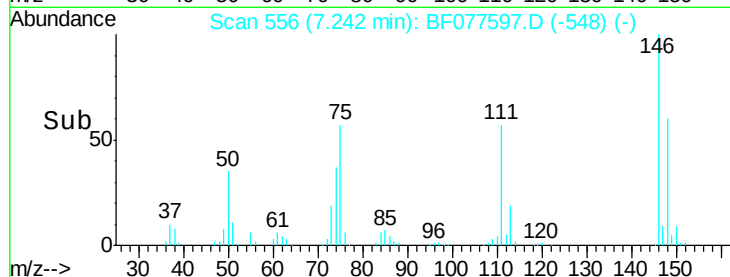
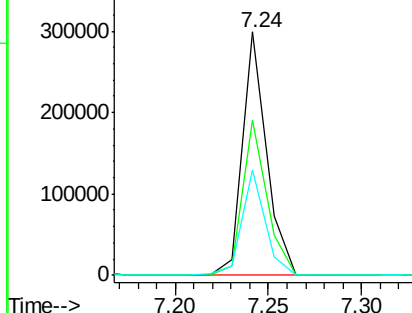


Abundance

Ion 146.00 (145.70 to 146.70): E

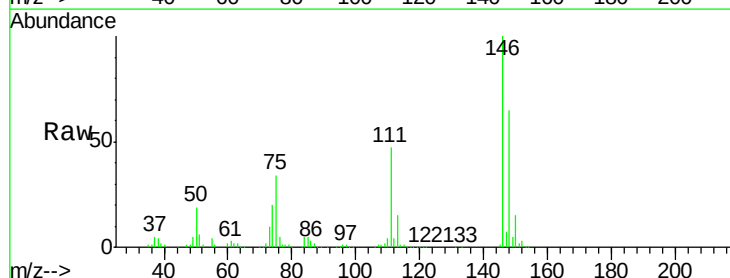
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
1,2-Dichlorobenzene  
Concen: 37.20 ng  
RT: 7.43 min Scan# 572  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 249883 |       |       |
| 148     | 65.4  | 51.6   | 77.4  |       |
| 111     | 46.8  | 34.2   | 51.2  |       |

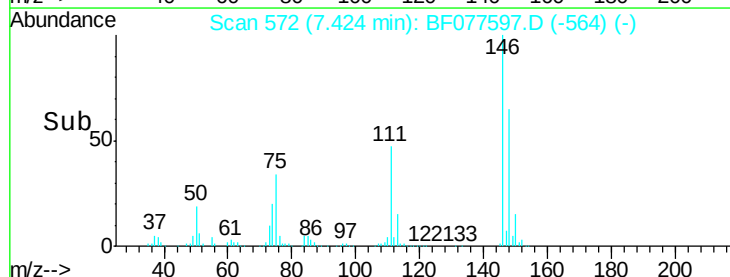
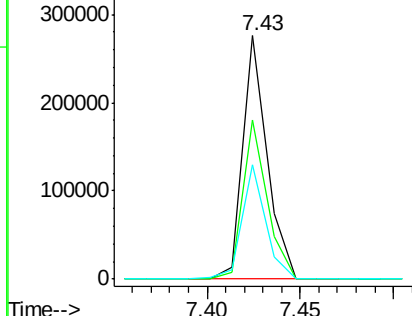


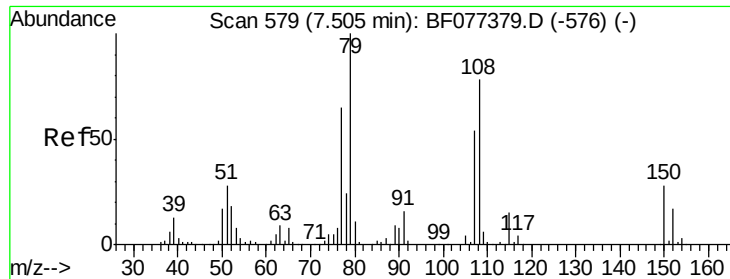
Abundance

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





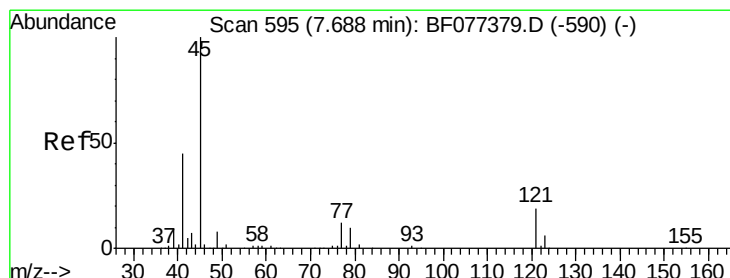
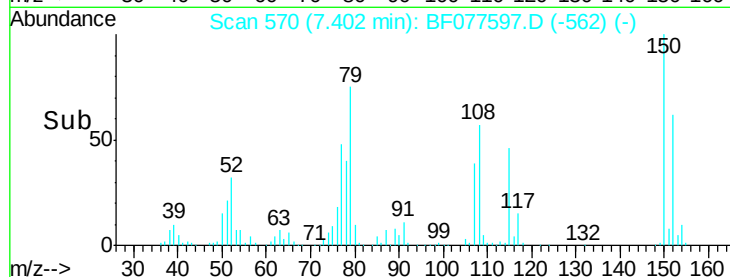
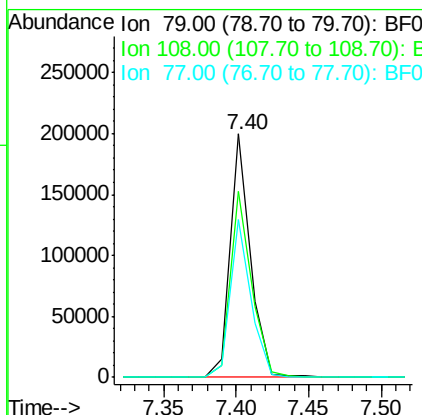
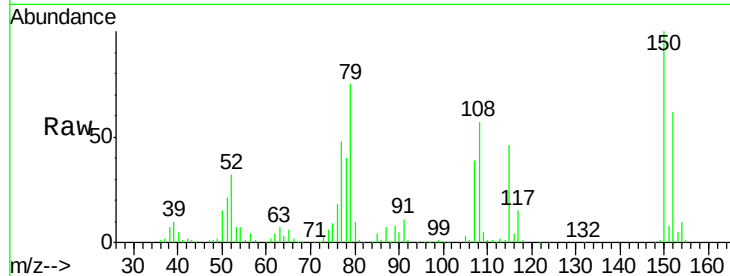
#15  
Benzyl Alcohol  
Concen: 36.58 ng  
RT: 7.40 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 193186 |       |       |
| 108     | 76.4  | 58.3   | 87.5  |       |
| 77      | 64.6  | 51.3   | 76.9  |       |

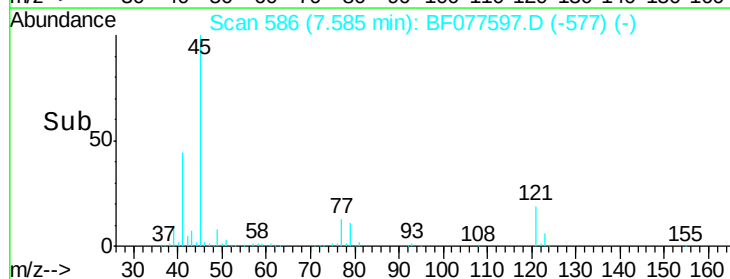
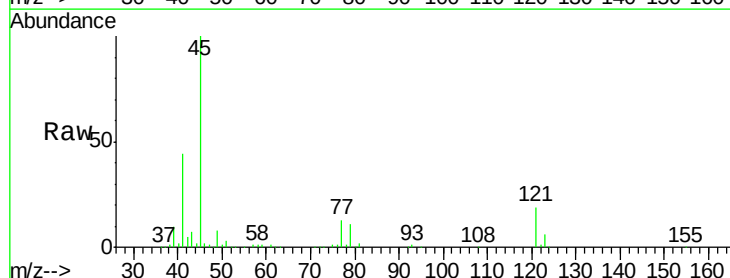
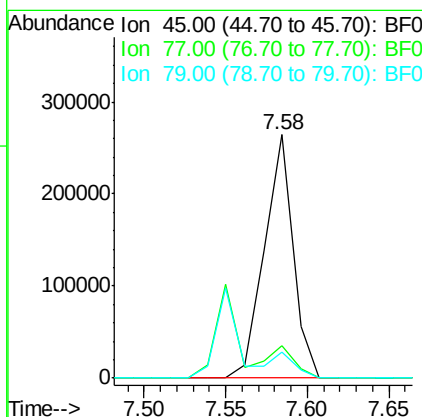
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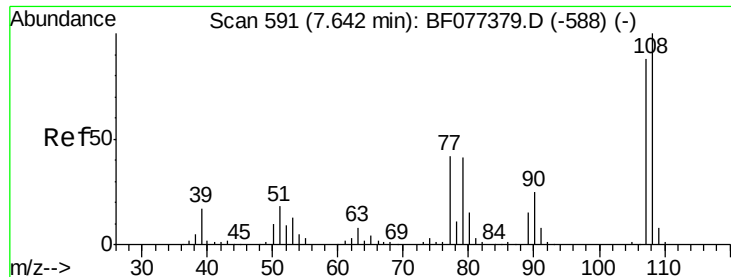
mohammad  
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 38.39 ng  
RT: 7.58 min Scan# 586  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 325081 |       |       |
| 77      | 13.5  | 0.0    | 34.6  |       |
| 79      | 10.8  | 0.0    | 31.5  |       |





#17

2-Methylphenol

Concen: 38.57 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077597.D

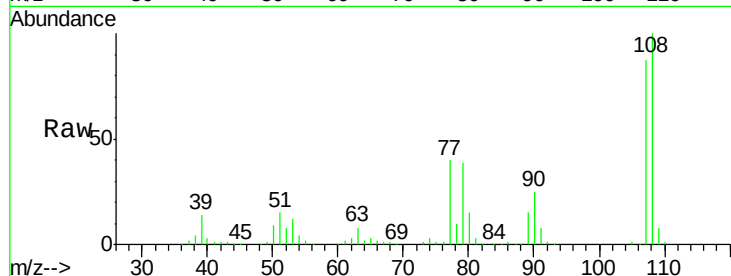
Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

ClientSampleId :

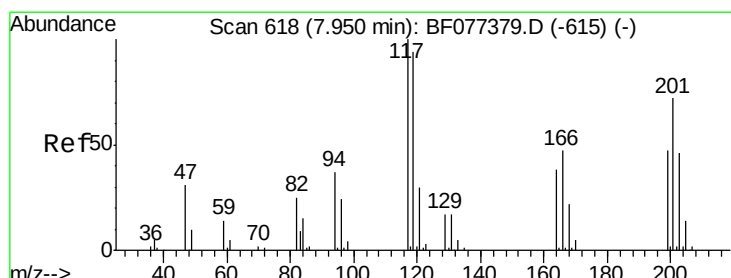
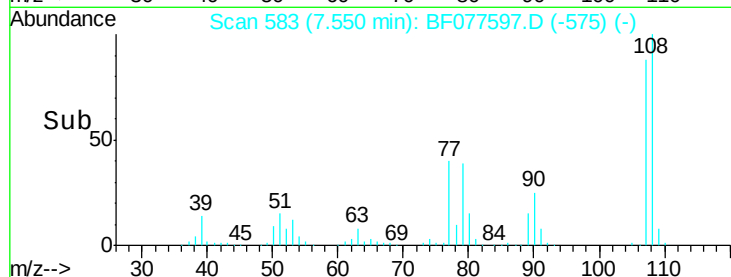
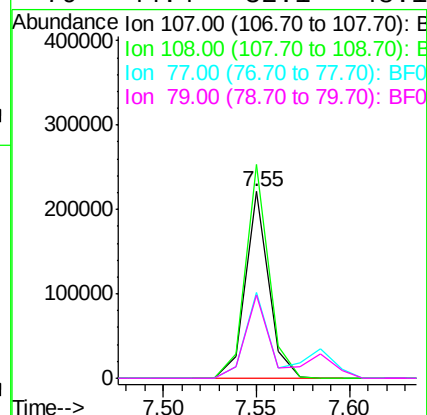
SSTDCCC040



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 192181 |       |       |
| 108     | 114.3 | 91.2   | 136.8 |       |
| 77      | 45.8  | 33.6   | 50.4  |       |
| 79      | 44.4  | 32.1   | 48.1  |       |

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#18

Hexachloroethane

Concen: 39.82 ng

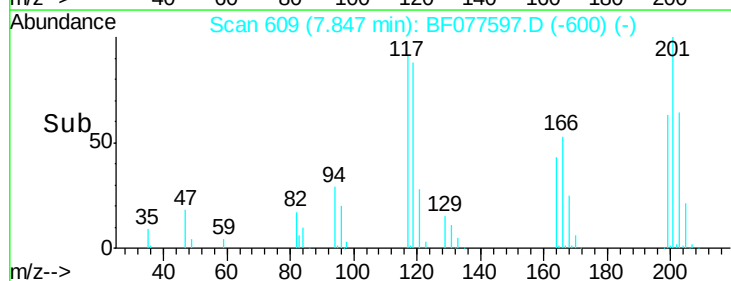
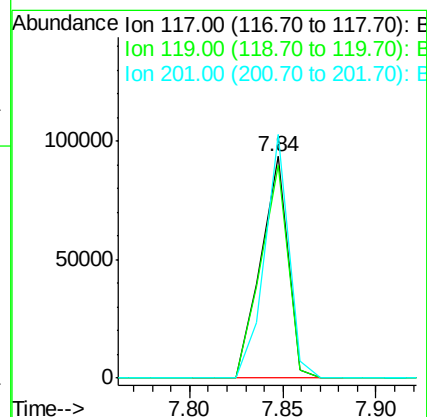
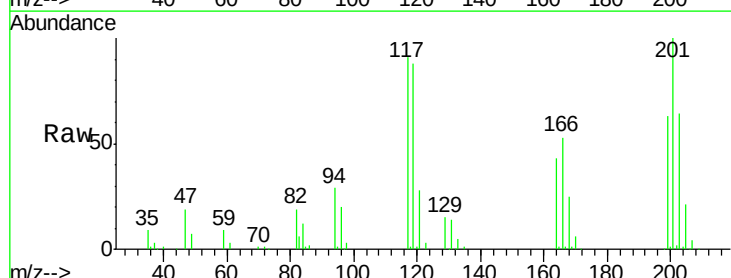
RT: 7.84 min Scan# 609

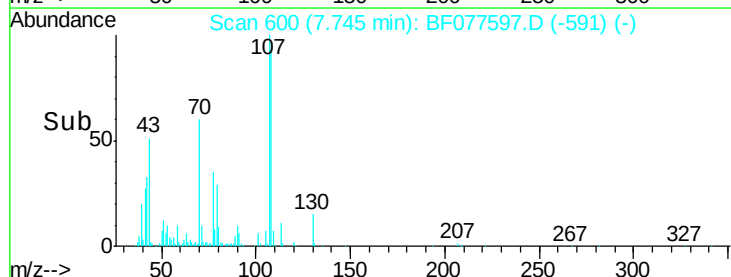
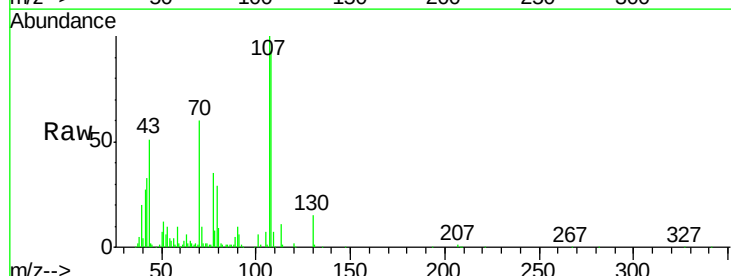
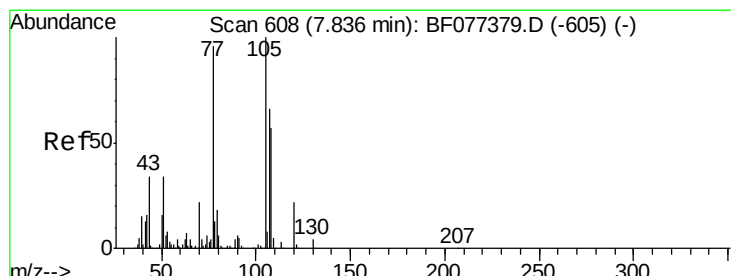
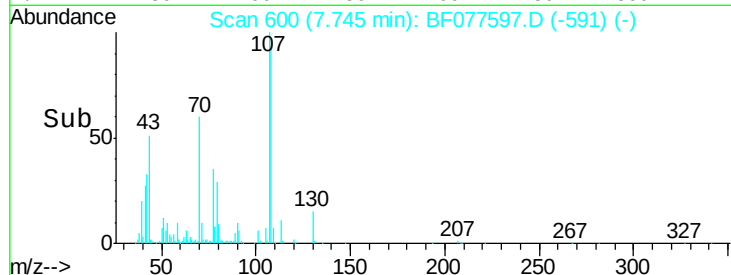
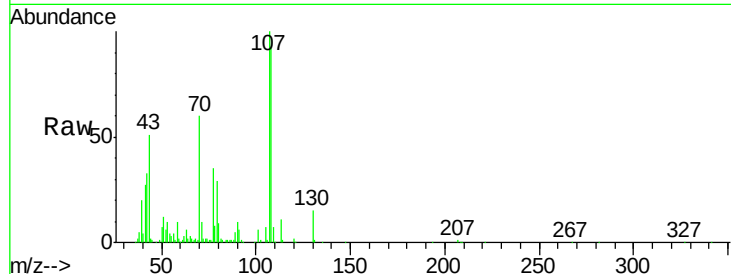
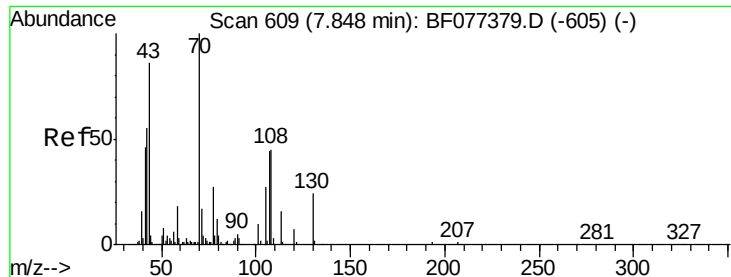
Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 93914 |       |       |
| 119     | 96.2  | 77.8  | 116.8 |       |
| 201     | 109.9 | 90.6  | 136.0 |       |





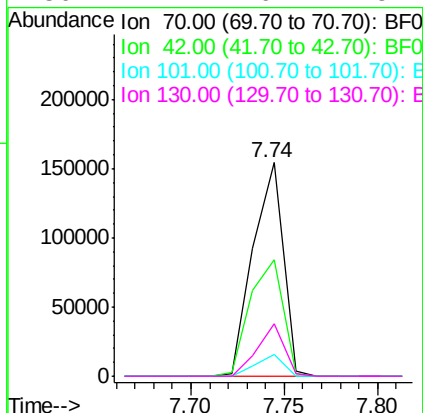
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.40 ng  
RT: 7.74 min Scan# 600  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Manual Integrations  
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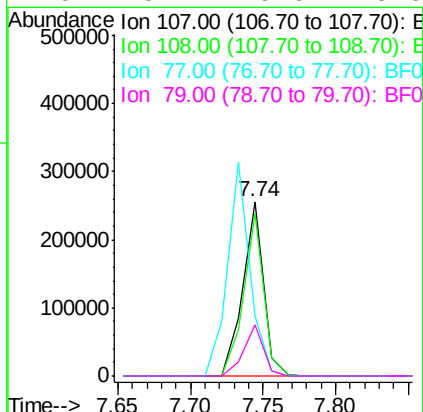
mohammad  
3/5/2015 12:48:02 PM

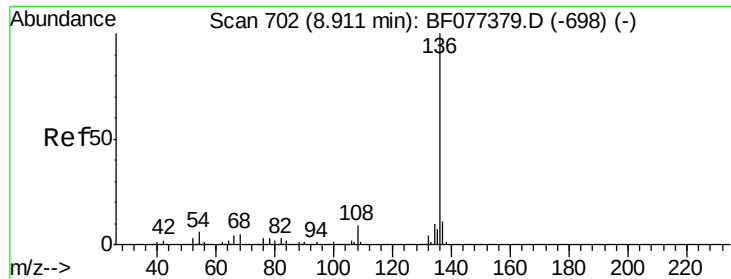
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 54.3  | 48.3  | 72.5  |
| 101     | 10.2  | 7.5   | 11.3  |
| 130     | 24.4  | 16.7  | 25.1  |



#20  
3+4-Methylphenols  
Concen: 38.77 ng  
RT: 7.74 min Scan# 600  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 93.2  | 76.8  | 116.8 |
| 77      | 34.7  | 65.8  | 105.8 |
| 79      | 29.1  | 9.6   | 49.6  |





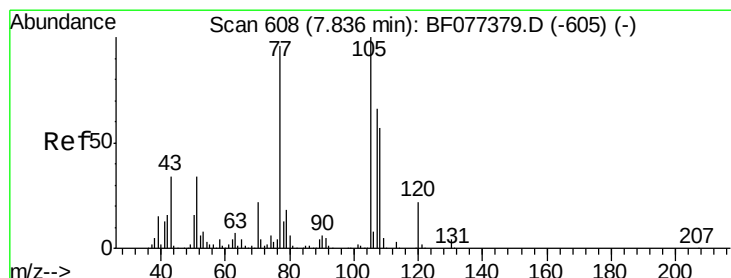
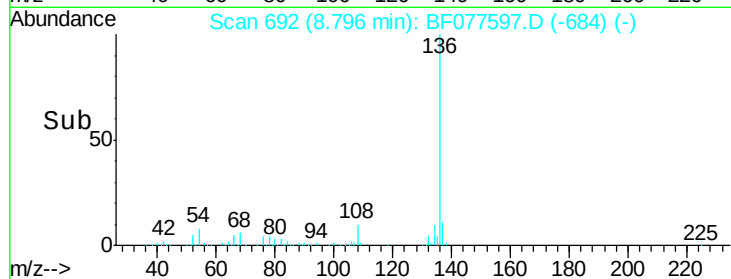
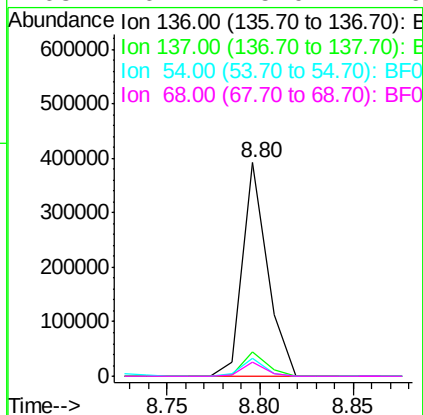
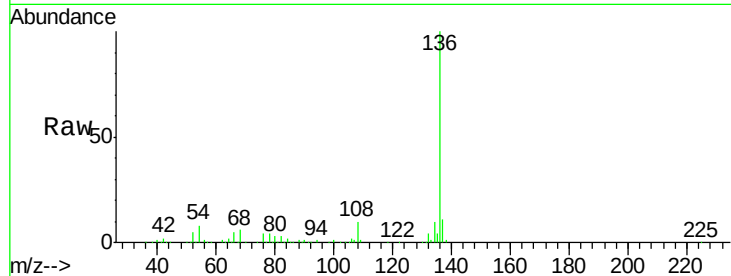
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.80 min Scan# 692  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 365418 |       |       |
| 137     | 11.2  | 8.6    | 13.0  |       |
| 54      | 8.3   | 6.2    | 9.4   |       |
| 68      | 6.4   | 5.0    | 7.6   |       |

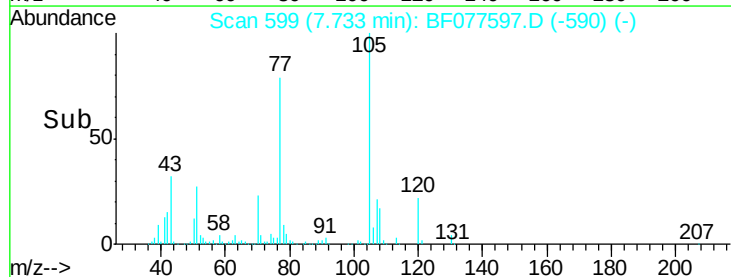
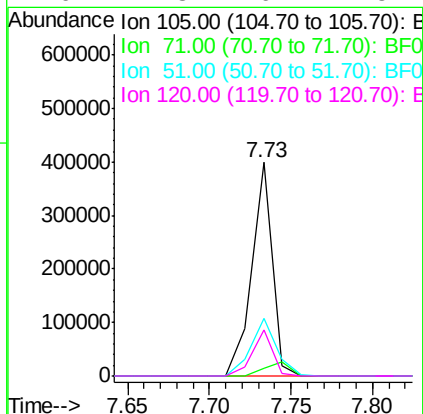
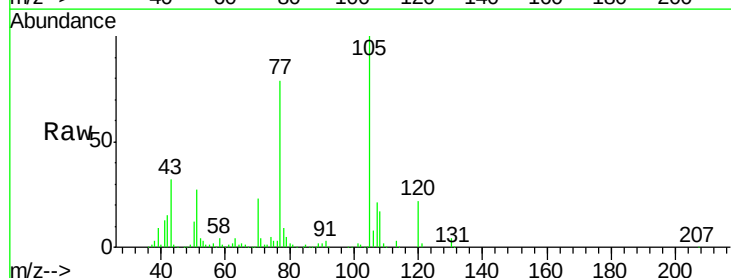
Manual Integrations  
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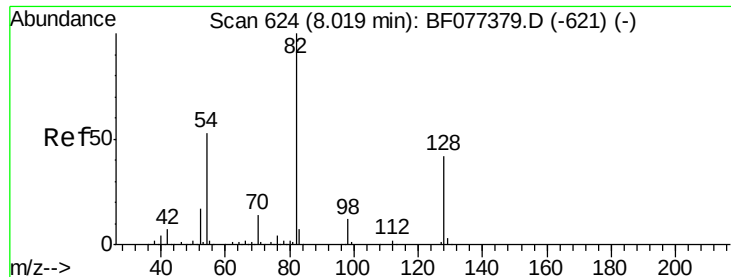
mohammad  
3/5/2015 12:48:02 PM



#22  
Acetophenone  
Concen: 40.61 ng  
RT: 7.73 min Scan# 599  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 349067 |       |       |
| 71      | 3.9   | 1.7    | 2.5#  |       |
| 51      | 26.9  | 30.7   | 46.1# |       |
| 120     | 21.8  | 16.7   | 25.1  |       |





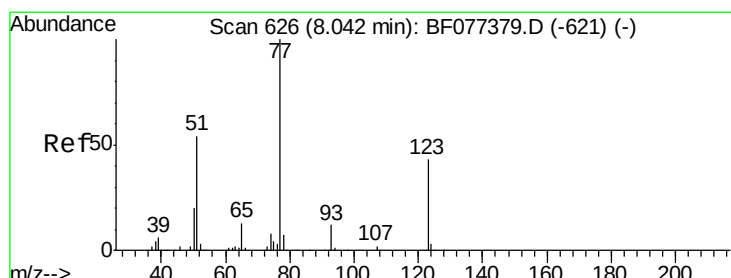
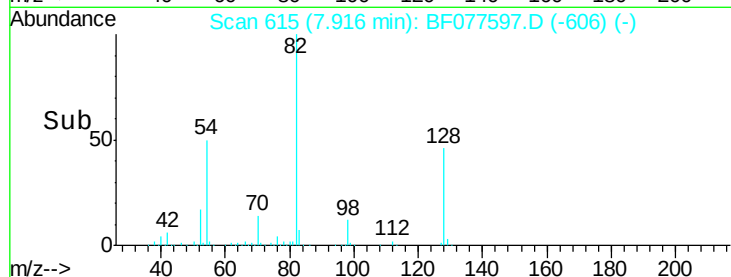
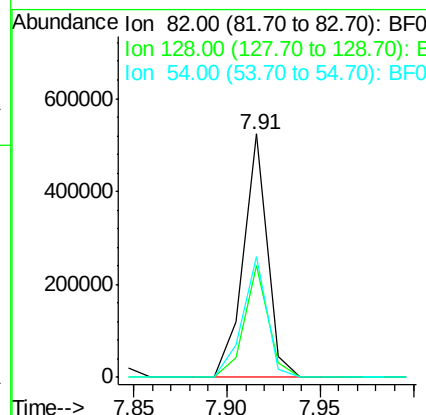
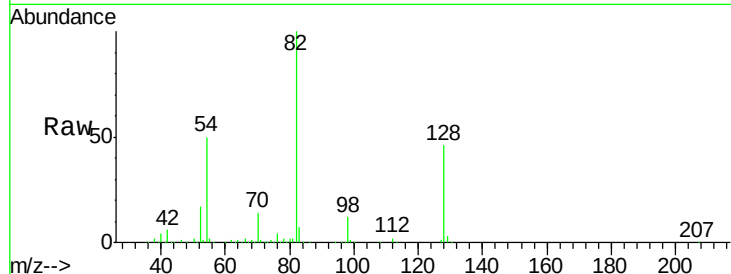
#23  
 Nitrobenzene-d5  
 Concen: 80.59 ng  
 RT: 7.91 min Scan# 615  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.7  | 43.8  | 65.8  |
| 54      | 49.8  | 36.7  | 55.1  |

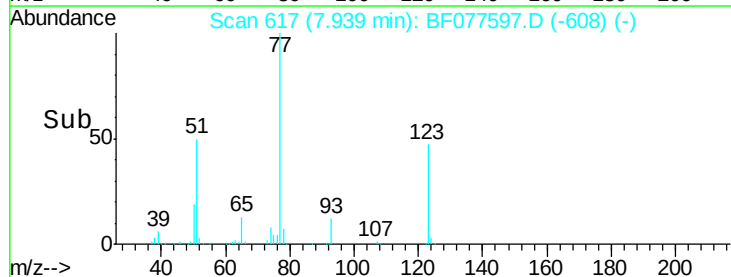
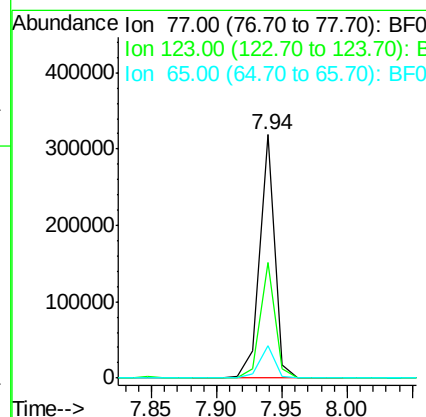
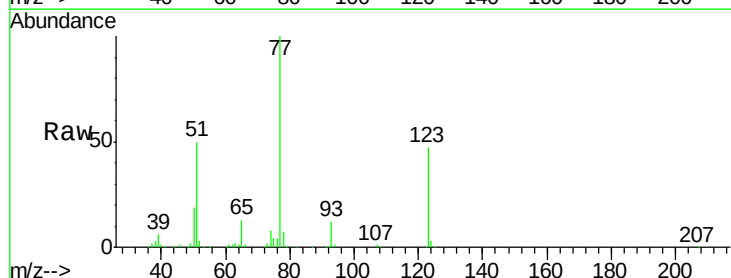
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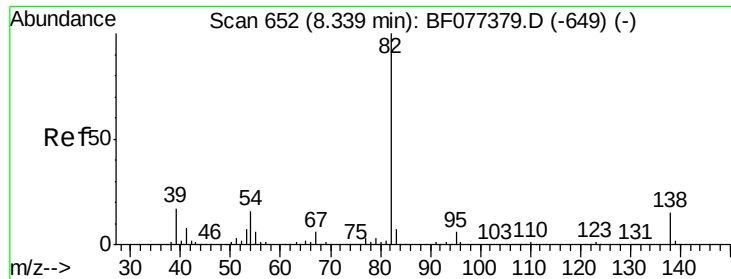


#24  
 Nitrobenzene  
 Concen: 41.58 ng  
 RT: 7.94 min Scan# 617  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 47.3  | 45.9  | 68.9  |
| 65      | 13.2  | 9.5   | 14.3  |







#25

Isophorone

Concen: 38.41 ng

RT: 8.24 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

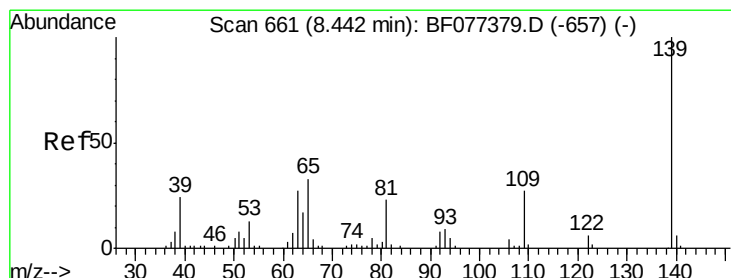
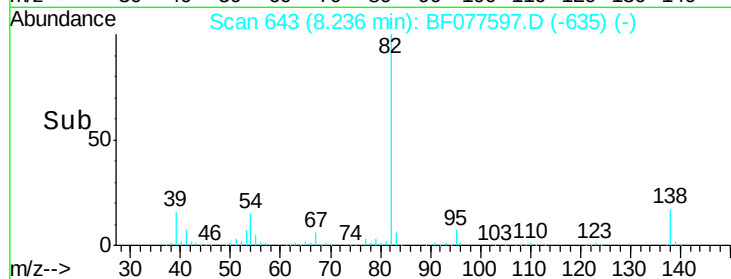
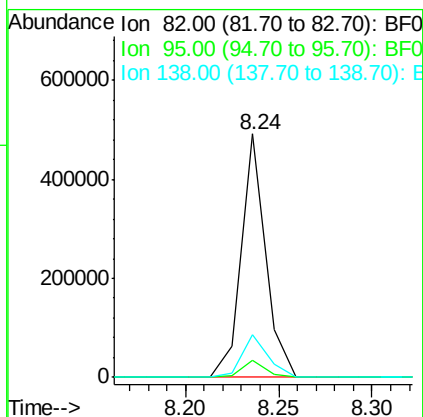
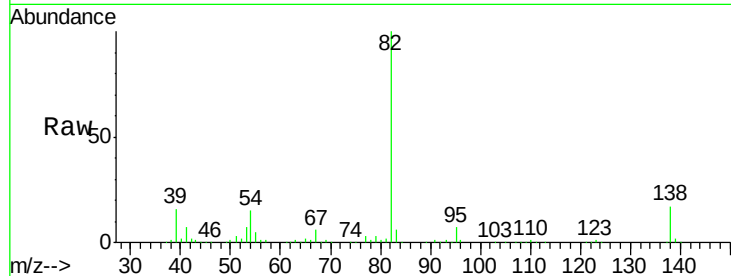
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 447808 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.9  | 5.4   | 8.2    |
| 138       | 17.4 | 16.3  | 24.5   |

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#26

2-Nitrophenol

Concen: 45.29 ng

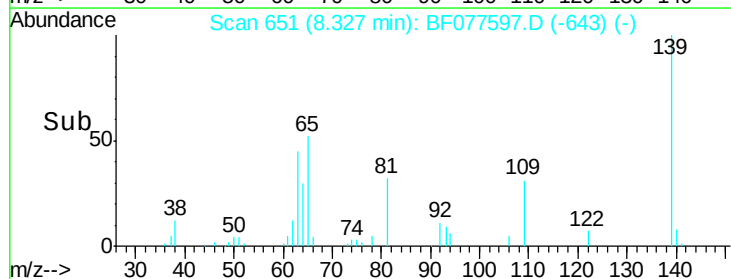
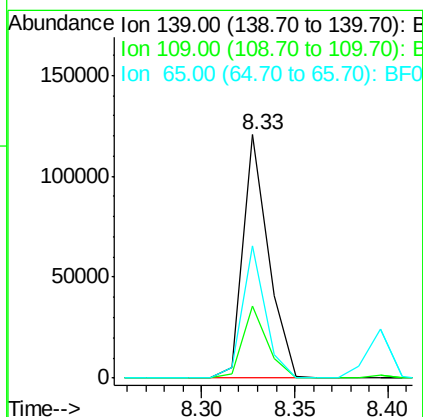
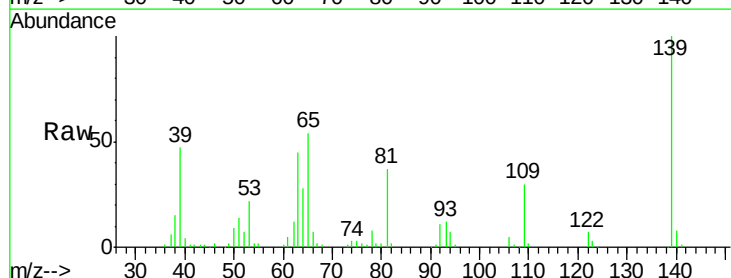
RT: 8.33 min Scan# 651

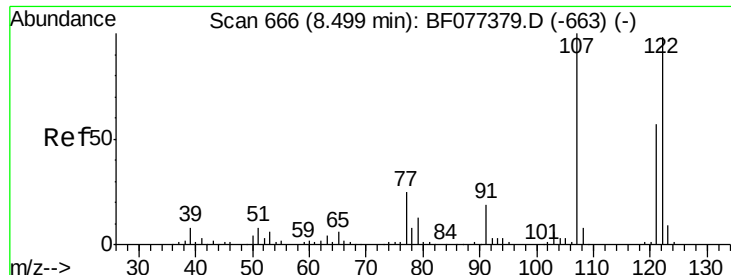
Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 114767 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 29.6 | 22.6  | 34.0   |
| 65        | 54.2 | 36.4  | 54.6   |





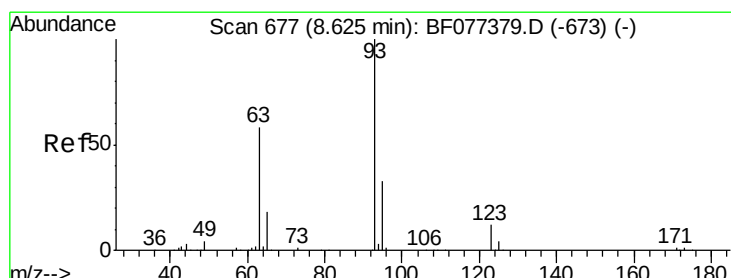
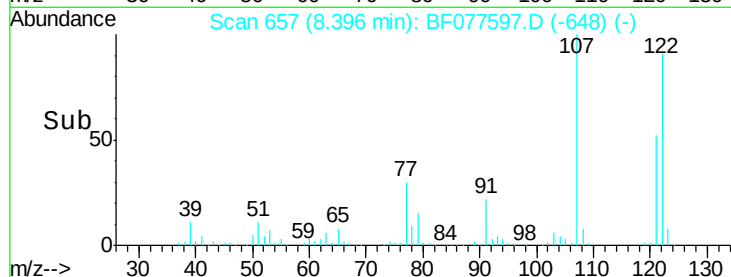
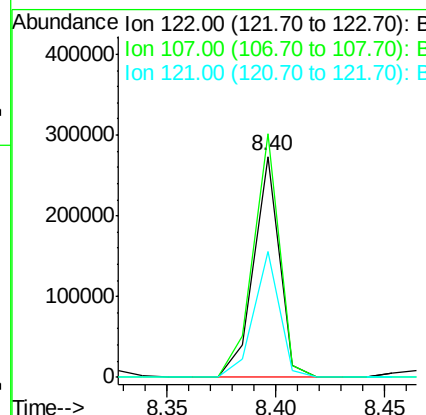
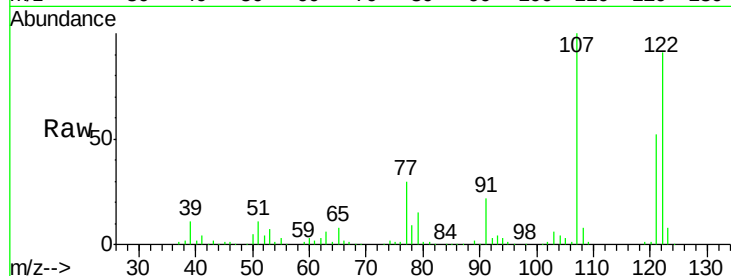
#27  
2,4-Dimethylphenol  
Concen: 40.02 ng  
RT: 8.40 min Scan# 657  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 226863 |       |       |
| 107     | 110.2 | 86.6   | 130.0 |       |
| 121     | 57.2  | 47.4   | 71.0  |       |

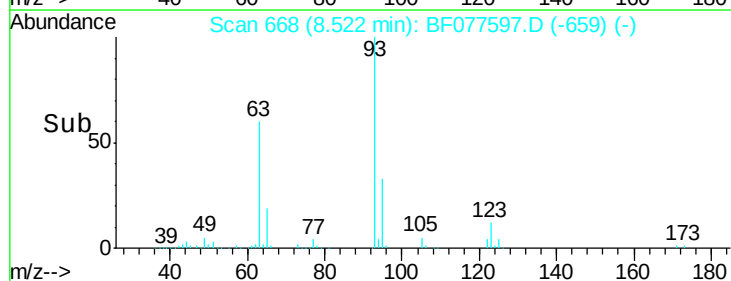
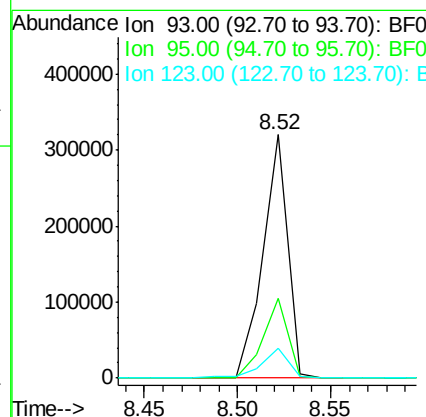
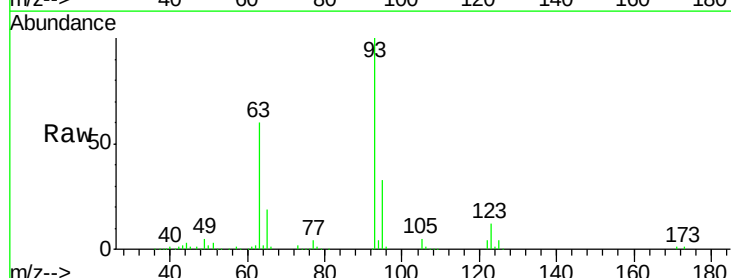
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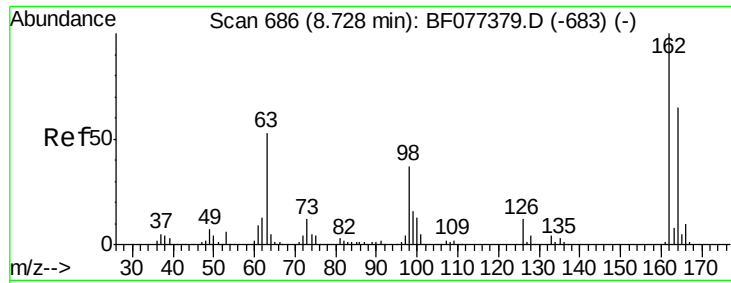
mohammad  
3/5/2015 12:48:02 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.67 ng  
RT: 8.52 min Scan# 668  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 292137 |       |       |
| 95      | 32.8  | 26.4   | 39.6  |       |
| 123     | 12.2  | 8.7    | 13.1  |       |





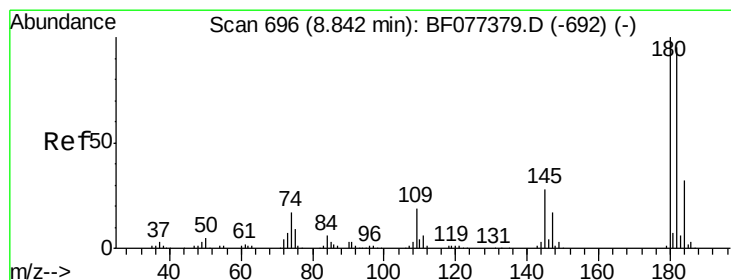
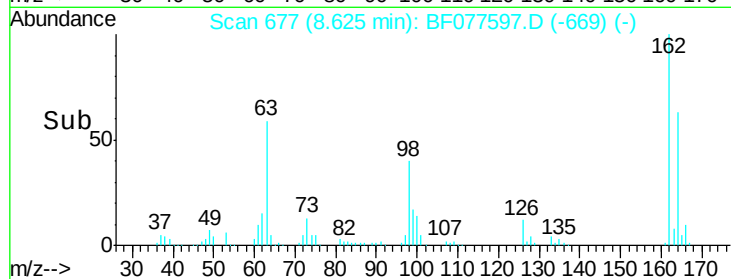
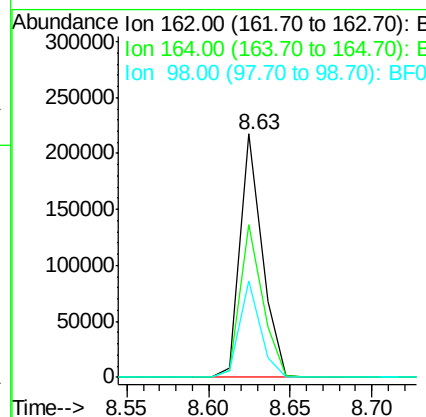
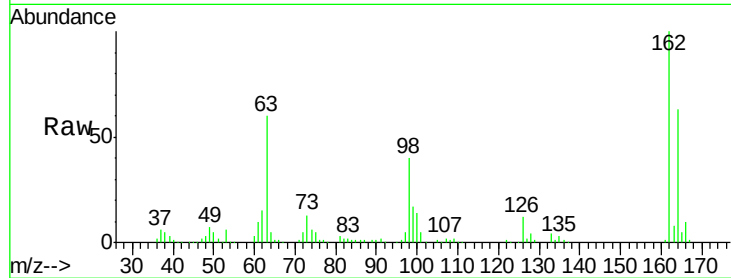
#29  
 2,4-Dichlorophenol  
 Concen: 38.45 ng  
 RT: 8.63 min Scan# 677  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 204627 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.9  | 46.4  | 86.4   |
| 98        | 39.8  | 6.9   | 46.9   |

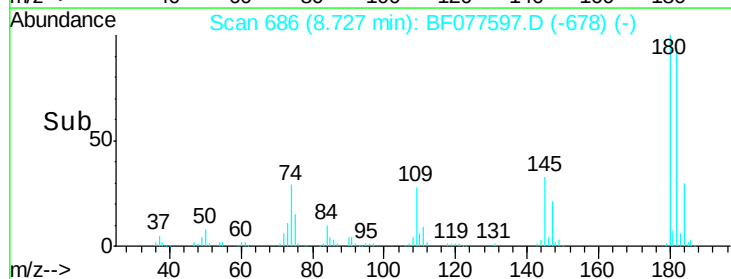
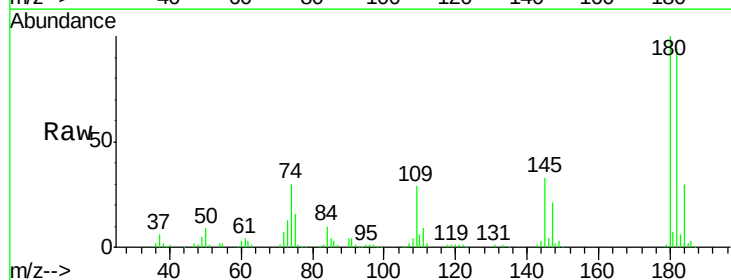
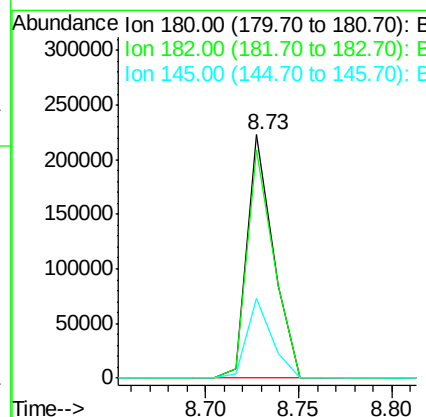
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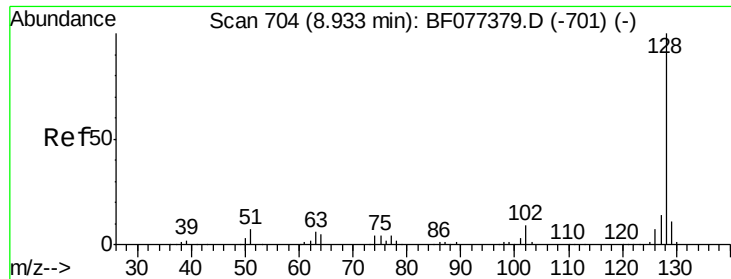
mohammad  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.12 ng  
 RT: 8.73 min Scan# 686  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 217208 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.5  | 76.2  | 114.4  |
| 145       | 32.8  | 24.5  | 36.7   |





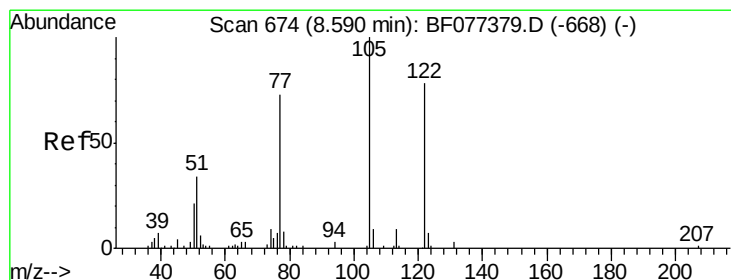
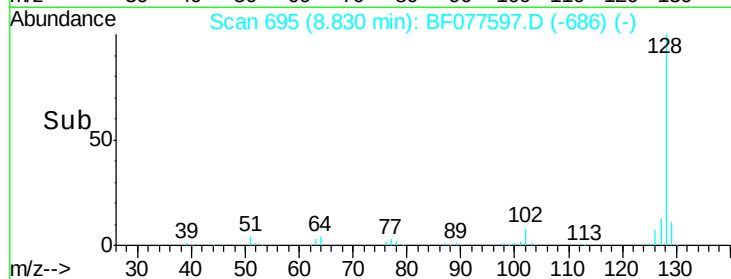
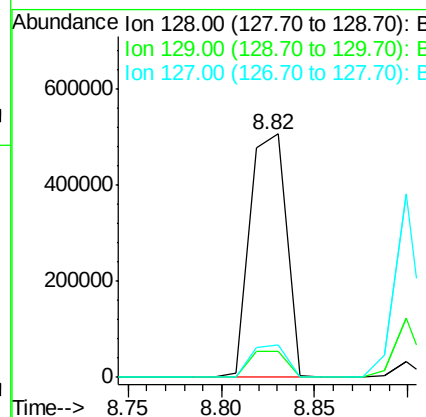
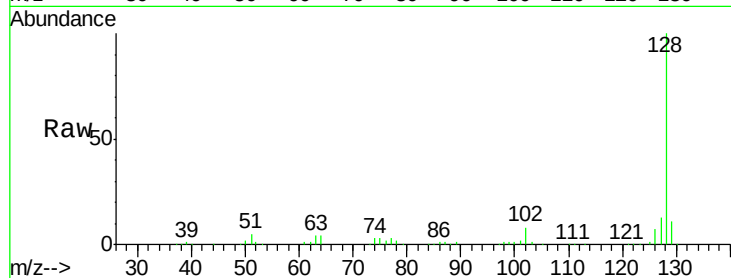
#31  
Naphthalene  
Concen: 37.40 ng  
RT: 8.82 min Scan# 695  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 9.4   | 14.0  |
| 127     | 13.5  | 10.6  | 15.8  |

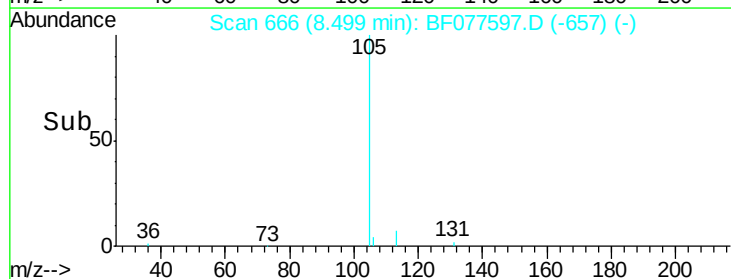
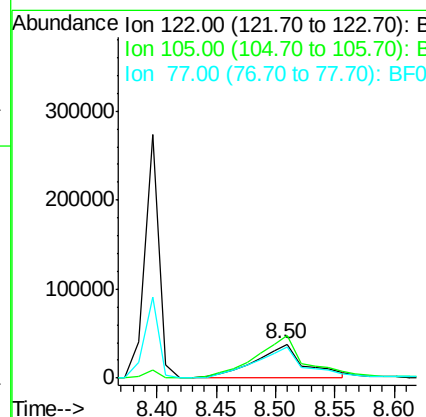
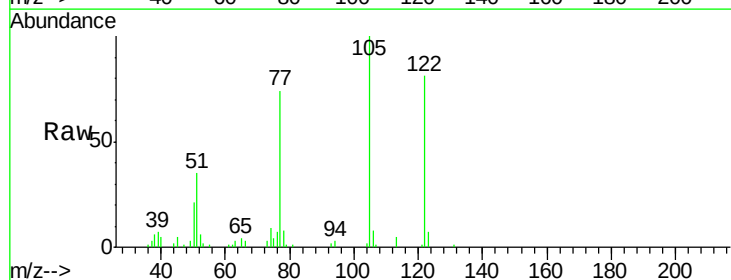
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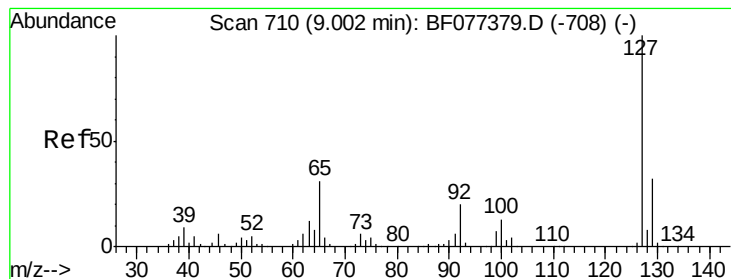
mohammad  
3/5/2015 12:48:02 PM



#32  
Benzoic acid  
Concen: 39.38 ng  
RT: 8.50 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 123.7 | 100.3 | 140.3 |
| 77      | 92.1  | 68.7  | 108.7 |





#33

4-Chloroaniline

Concen: 39.56 ng

RT: 8.90 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF077597.D

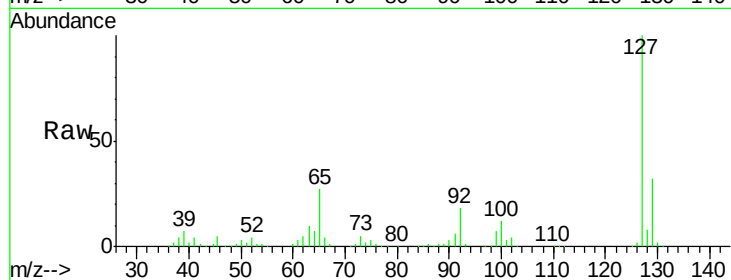
Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

ClientSampleId :

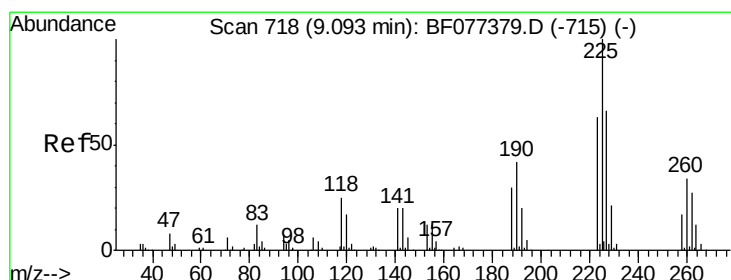
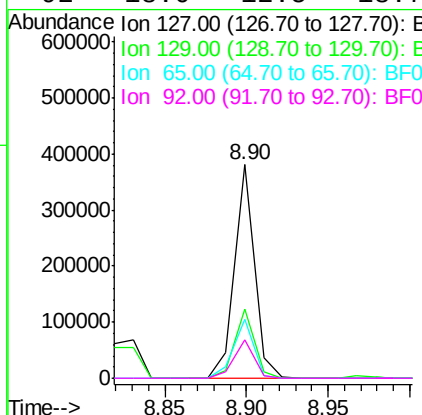
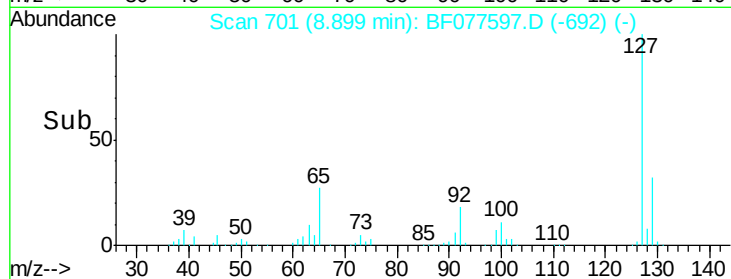
SSTDCCC040



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 321441 |       |       |
| 129     | 32.3  | 26.9   | 40.3  |       |
| 65      | 27.3  | 16.7   | 25.1  |       |
| 92      | 18.0  | 12.5   | 18.7  |       |

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#34

Hexachlorobutadiene

Concen: 37.91 ng

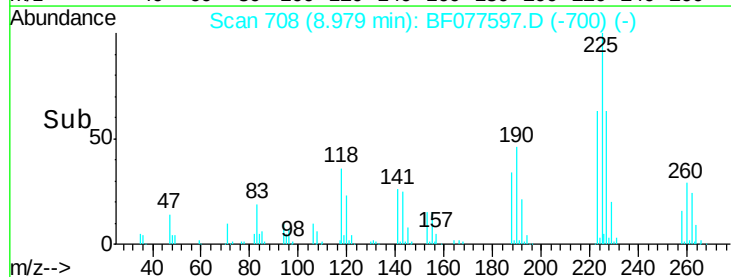
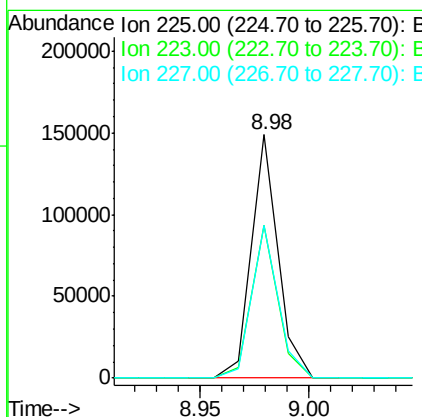
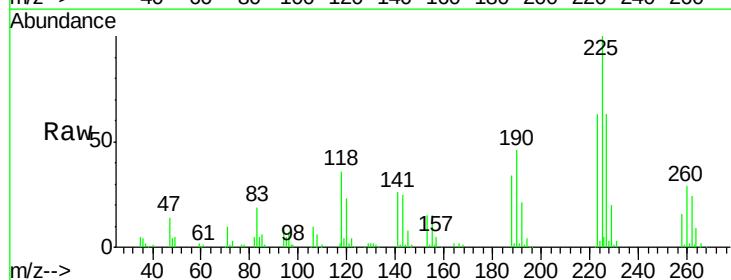
RT: 8.98 min Scan# 708

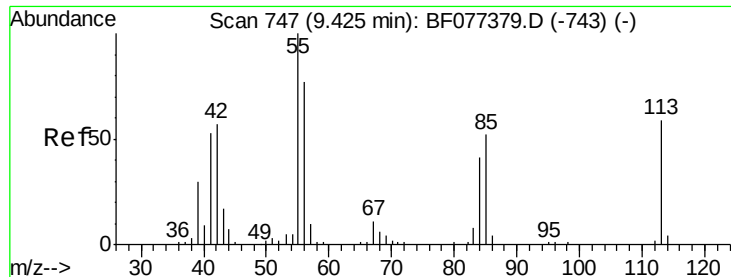
Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 126623 |       |       |
| 223     | 62.9  | 49.5   | 74.3  |       |
| 227     | 62.8  | 50.5   | 75.7  |       |





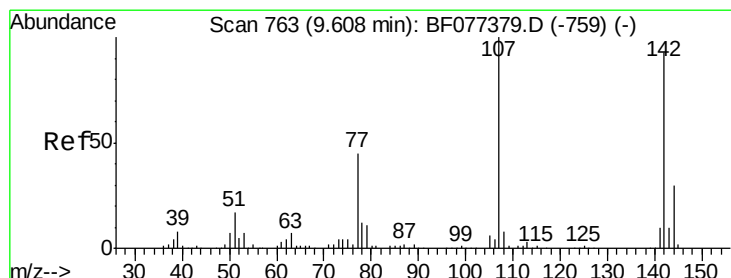
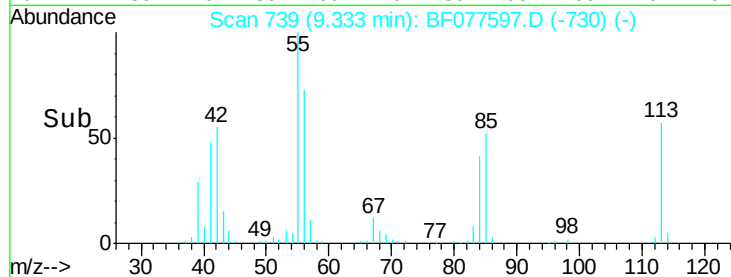
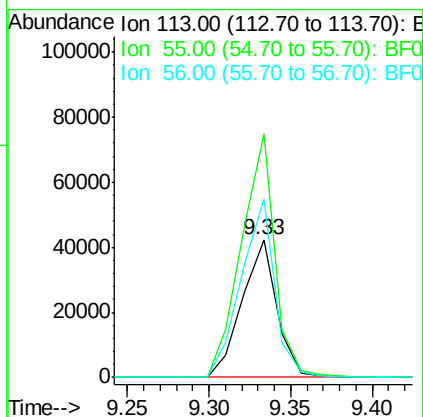
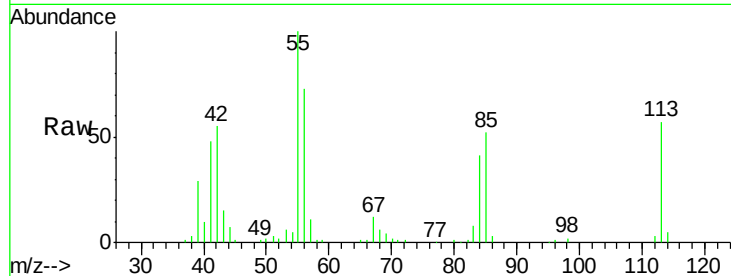
#35  
 Caprolactam  
 Concen: 38.35 ng  
 RT: 9.33 min Scan# 739  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:113 Resp: 62301  
 Ion Ratio Lower Upper  
 113 100  
 55 176.7 154.6 194.6  
 56 129.4 114.0 154.0

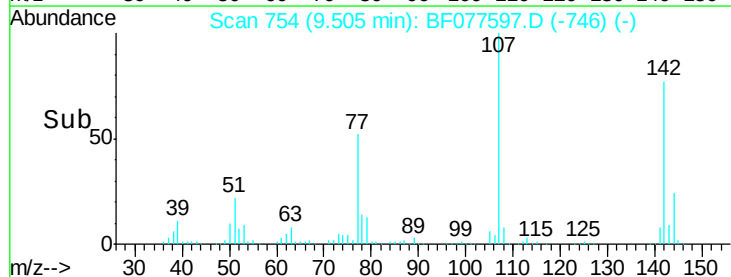
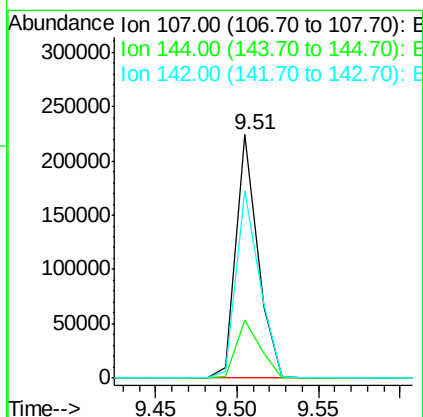
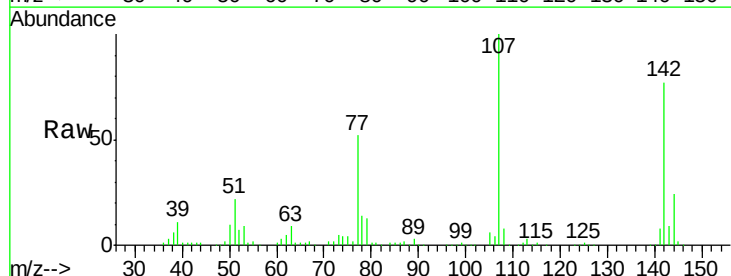
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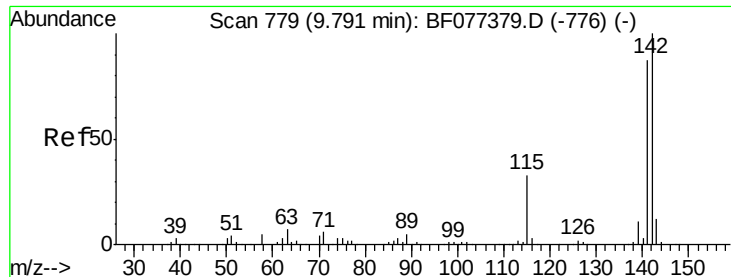
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#36  
 4-Chloro-3-methylphenol  
 Concen: 38.91 ng  
 RT: 9.51 min Scan# 754  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Tgt Ion:107 Resp: 208160  
 Ion Ratio Lower Upper  
 107 100  
 144 24.1 21.1 31.7  
 142 76.8 65.3 97.9





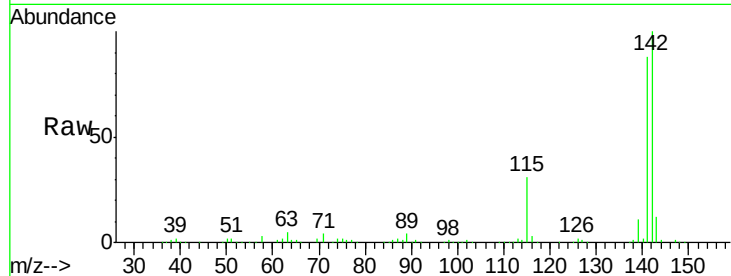
#37  
 2-Methylnaphthalene  
 Concen: 38.33 ng  
 RT: 9.68 min Scan# 770  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

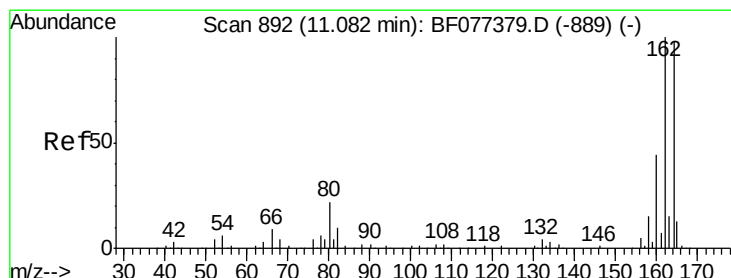
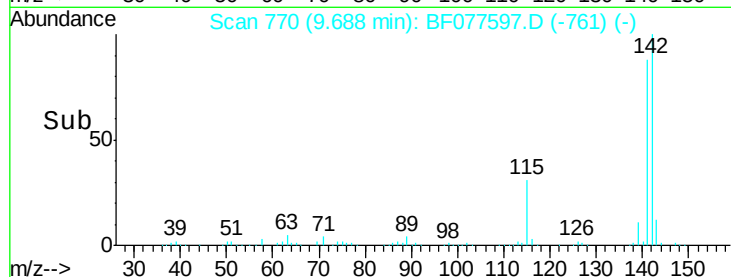
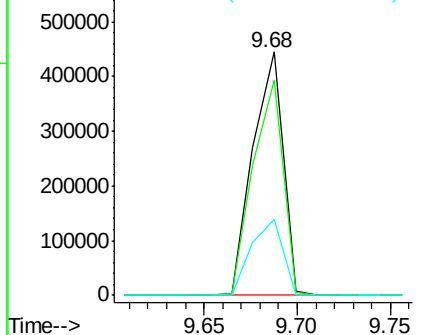
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.5  | 70.7  | 106.1 |
| 115     | 31.3  | 24.2  | 36.4  |

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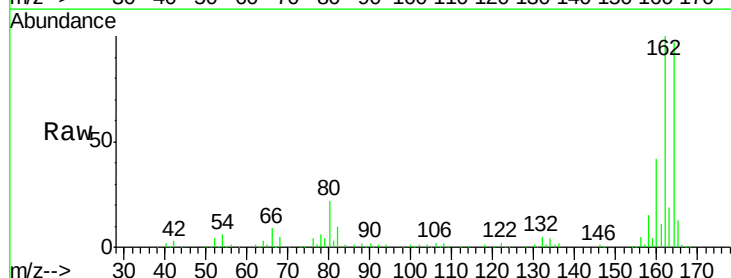


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

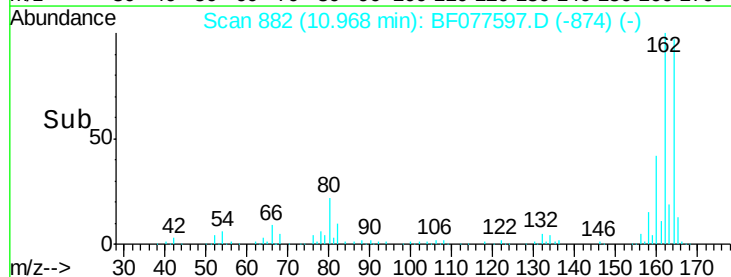
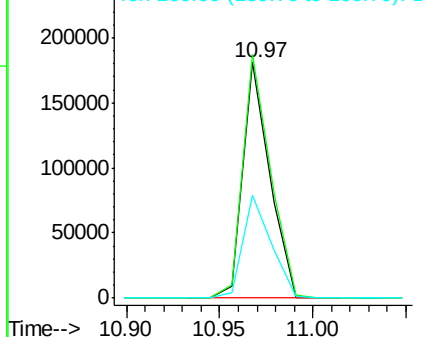


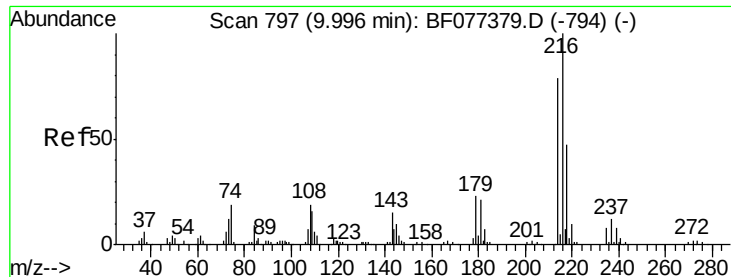
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.97 min Scan# 882  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.4 | 83.2  | 124.8 |
| 160     | 43.6  | 34.6  | 52.0  |



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: 41.23 ng

RT: 9.89 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

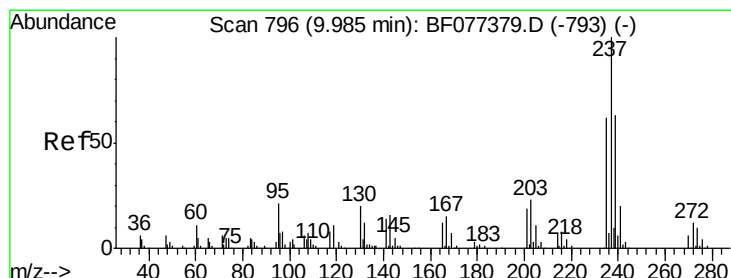
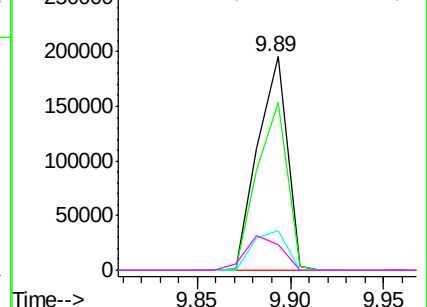
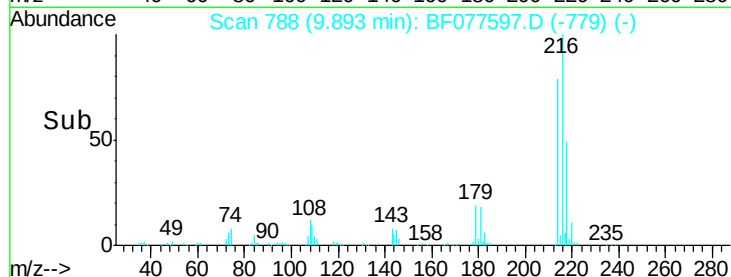
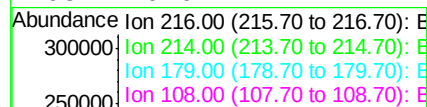
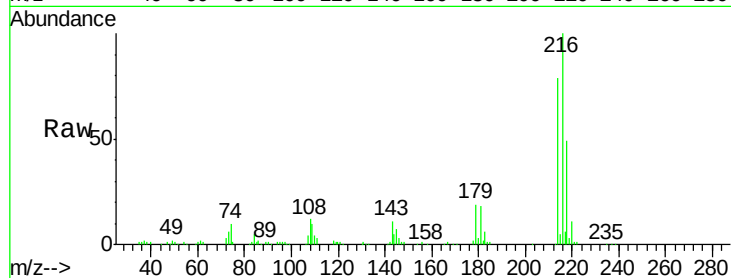
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 214380 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.9  | 63.4  | 95.0   |
| 179       | 21.3  | 16.6  | 25.0   |
| 108       | 19.6  | 14.2  | 21.4   |

Manual Integrations  
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3/5/2015 12:48:02 PM



#40

Hexachlorocyclopentadiene

Concen: 40.84 ng

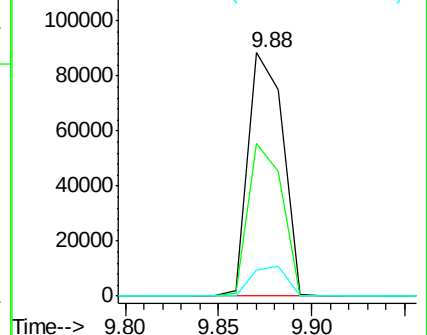
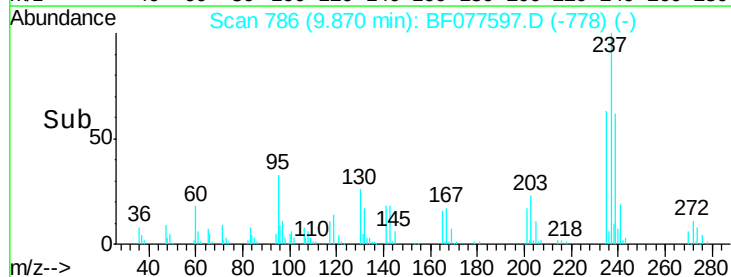
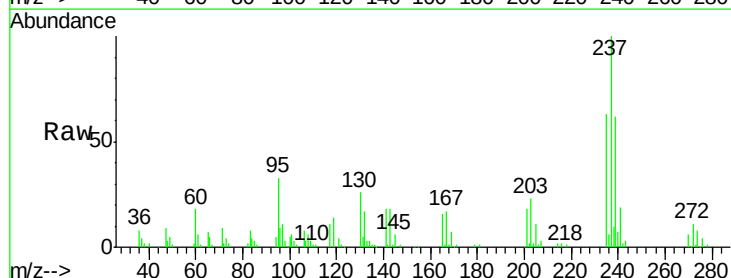
RT: 9.88 min Scan# 786

Delta R.T. -0.00 min

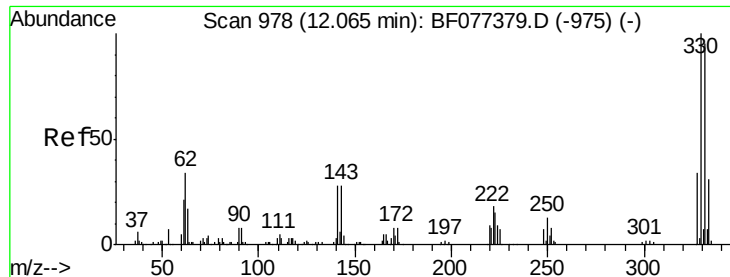
Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 113865 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.6  | 41.0  | 81.0   |
| 272       | 10.8  | 0.0   | 34.3   |







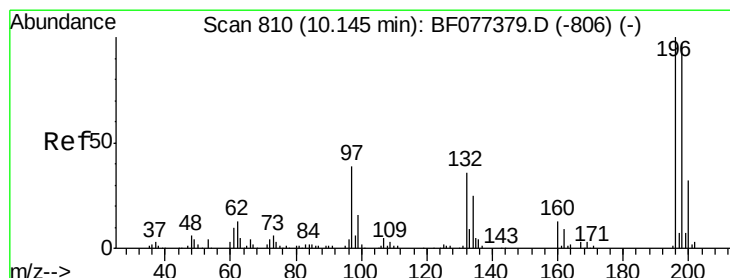
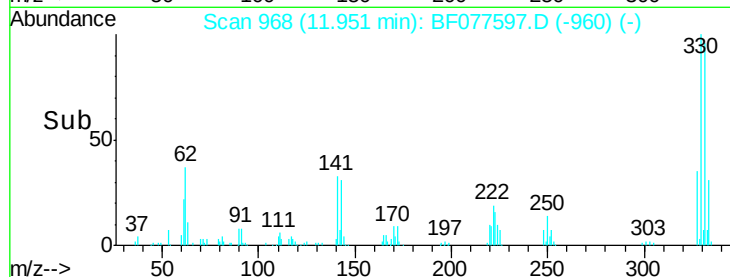
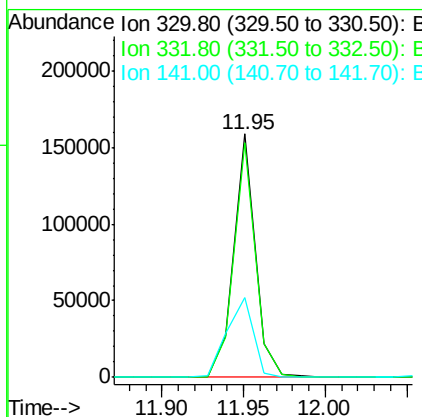
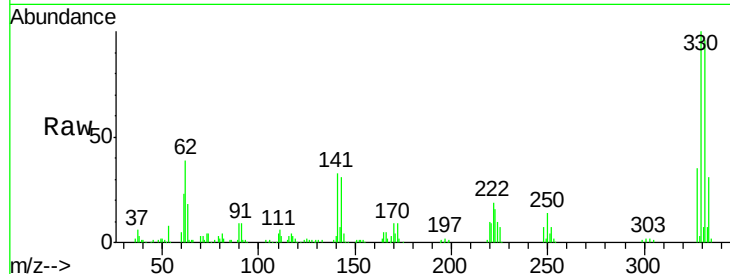
#41  
 2,4,6-Tribromophenol  
 Concen: 83.02 ng  
 RT: 11.95 min Scan# 968  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 144848 |       |       |
| 332     | 96.5  | 77.4   | 116.2 |       |
| 141     | 39.9  | 28.8   | 43.2  |       |

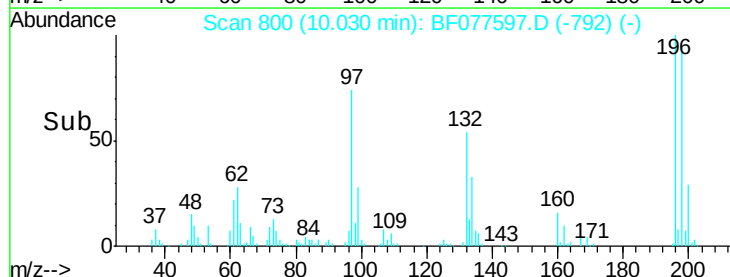
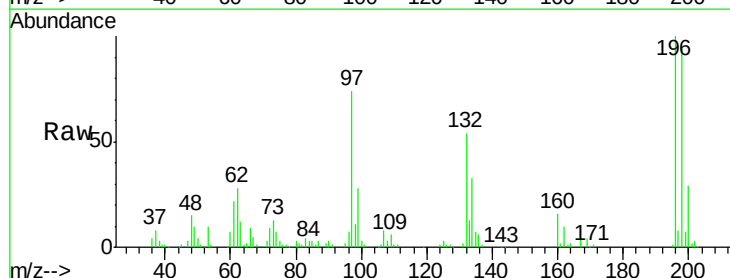
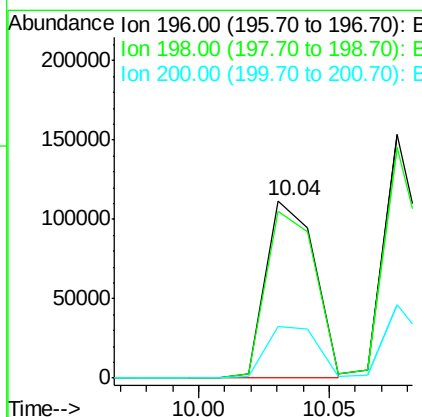
Manual Integrations  
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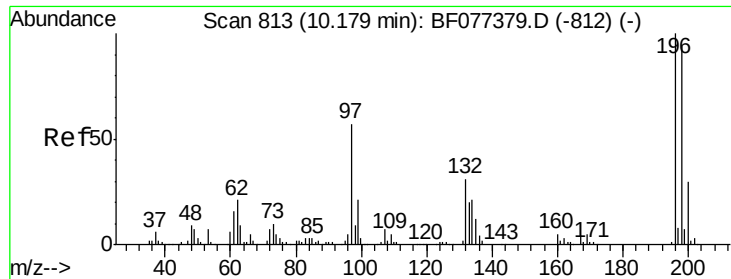
mohammad  
 3/5/2015 12:48:02 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 42.21 ng  
 RT: 10.04 min Scan# 800  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 145341 |       |       |
| 198     | 94.4  | 75.8   | 113.8 |       |
| 200     | 29.2  | 24.2   | 36.4  |       |





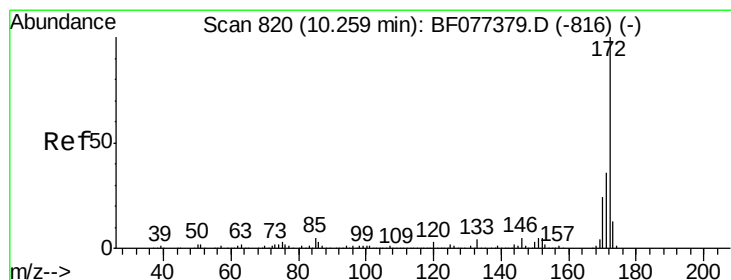
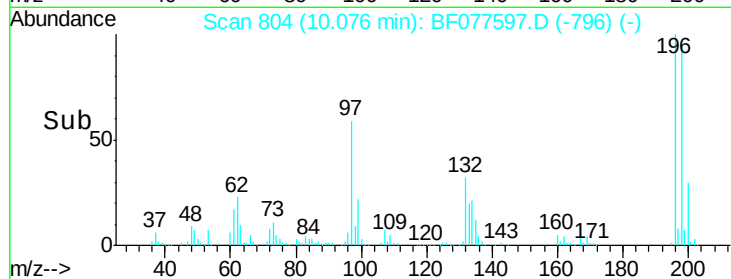
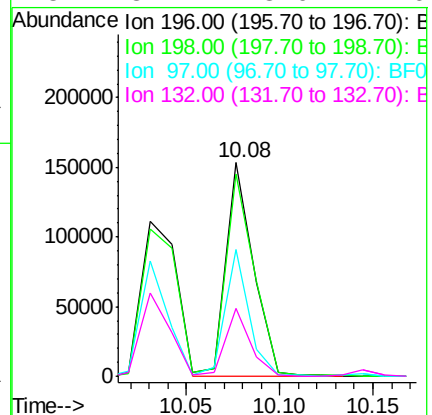
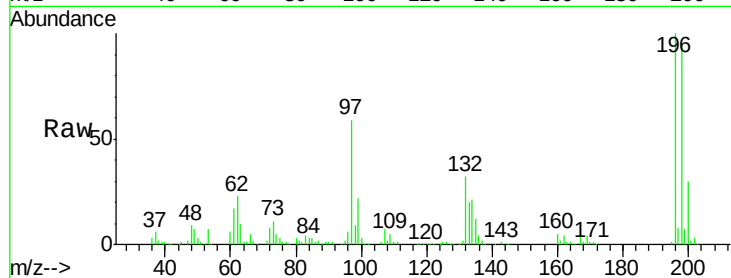
#43  
 2,4,5-Trichlorophenol  
 Concen: 42.69 ng  
 RT: 10.08 min Scan# 804  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 157199 |       |       |
| 198     | 94.8  | 77.2   | 115.8 |       |
| 97      | 59.4  | 27.7   | 41.5# |       |
| 132     | 31.7  | 18.0   | 27.0# |       |

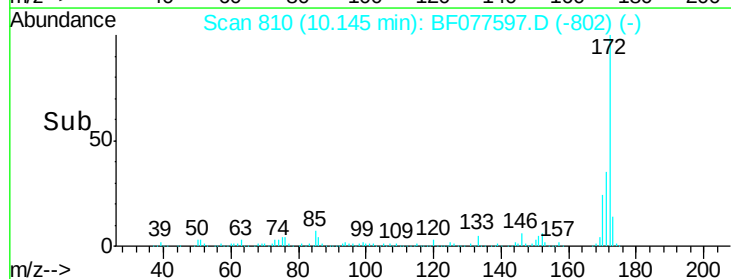
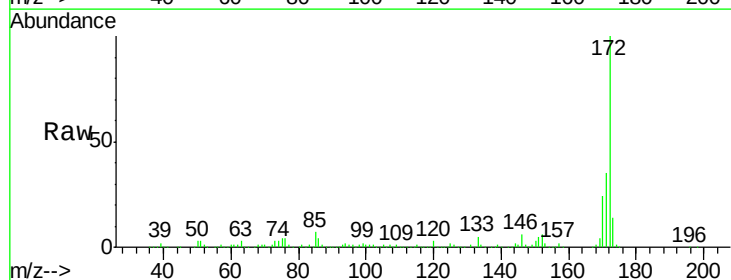
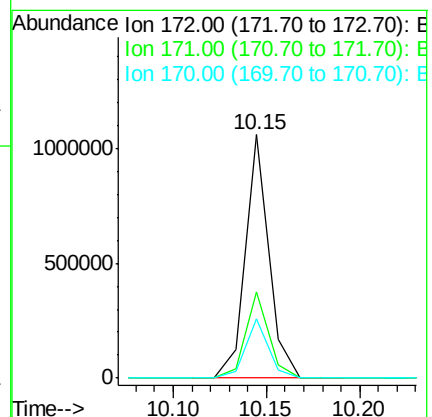
Manual Integrations  
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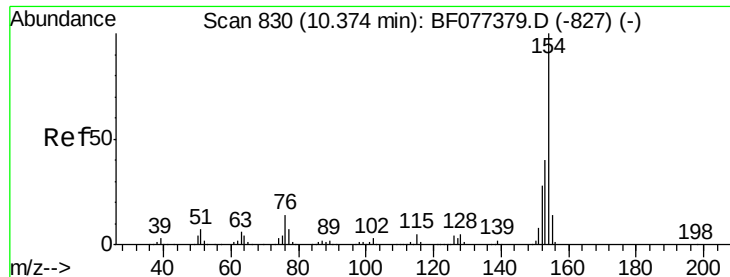
mohammad  
 3/5/2015 12:48:02 PM



#44  
 2-Fluorobiphenyl  
 Concen: 79.98 ng  
 RT: 10.15 min Scan# 810  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 929479 |       |       |
| 171     | 35.5  | 28.9   | 43.3  |       |
| 170     | 24.2  | 19.4   | 29.2  |       |





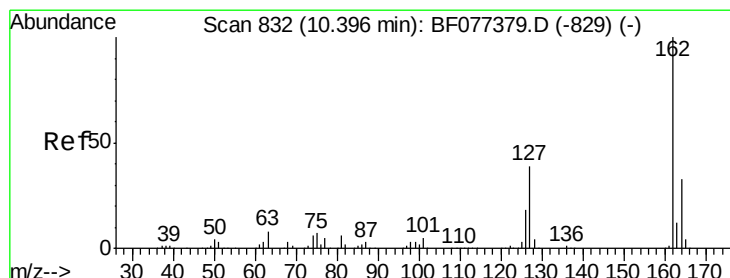
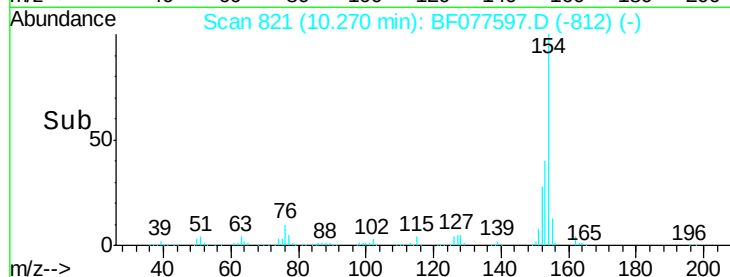
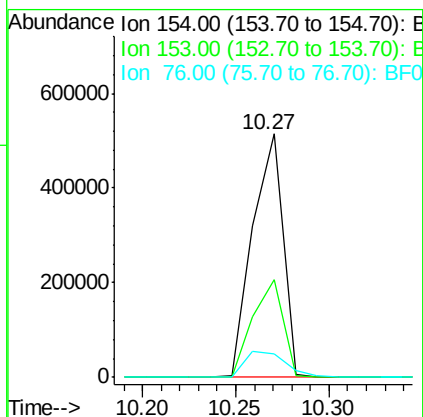
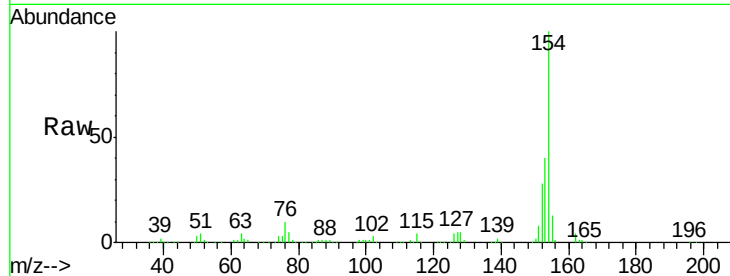
#45  
1,1'-Biphenyl  
Concen: 42.17 ng  
RT: 10.27 min Scan# 821  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 578914 |       |       |
| 153     | 40.1  | 20.2   | 60.2  |       |
| 76      | 9.6   | 0.0    | 29.4  |       |

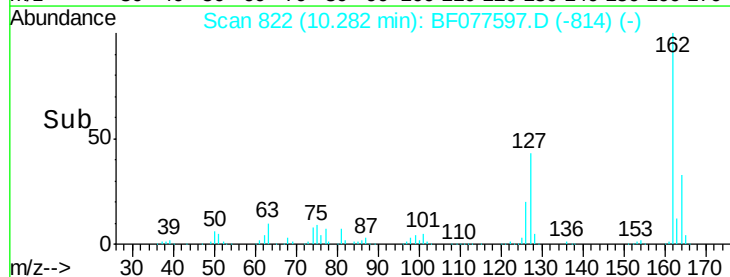
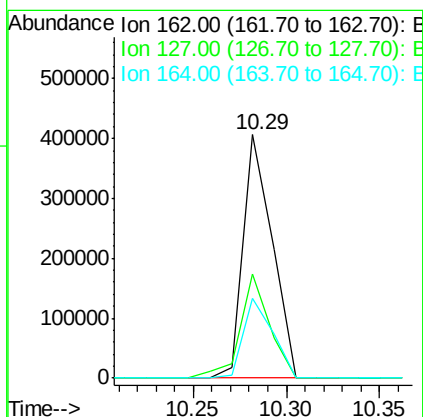
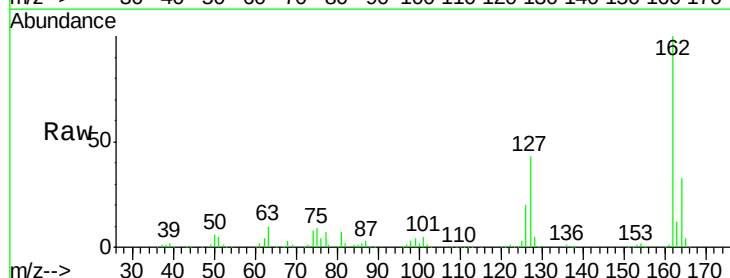
Manual Integrations  
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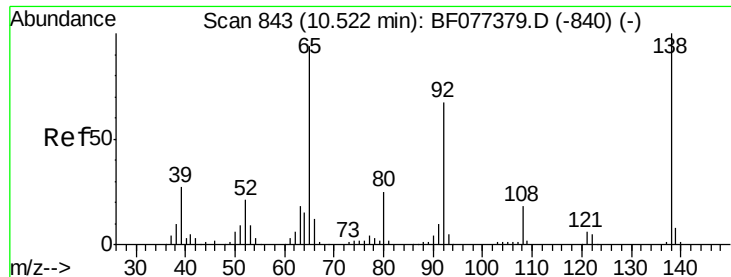
mohammad  
3/5/2015 12:48:02 PM



#46  
2-Chloronaphthalene  
Concen: 40.84 ng  
RT: 10.29 min Scan# 822  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 439738 |       |       |
| 127     | 43.0  | 33.3   | 49.9  |       |
| 164     | 32.6  | 26.2   | 39.4  |       |





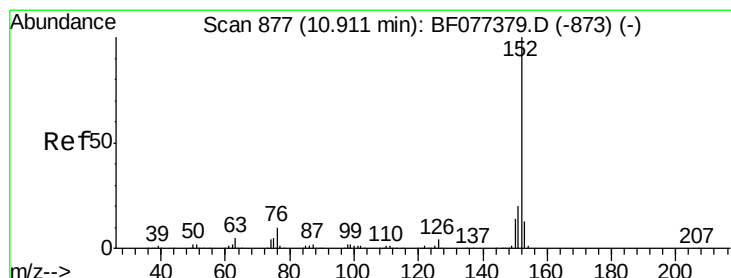
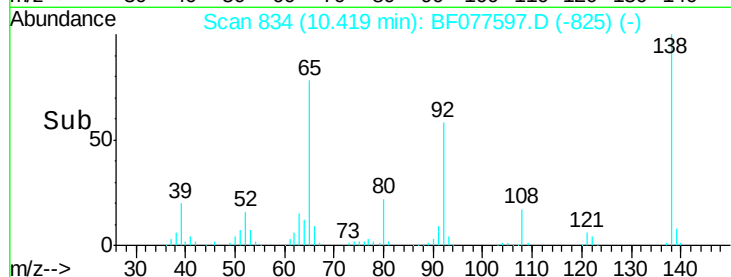
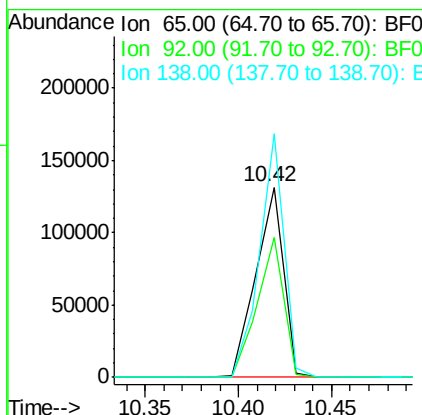
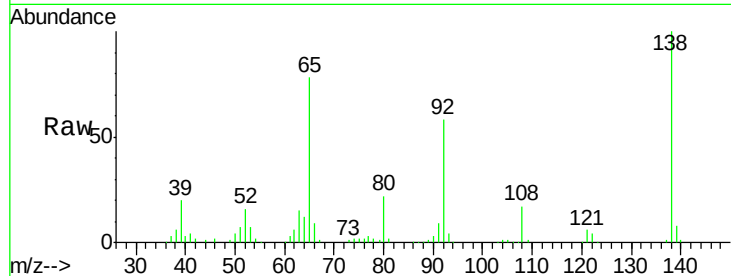
#47  
2-Nitroaniline  
Concen: 50.69 ng  
RT: 10.42 min Scan# 834  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.9  | 52.4  | 78.6  |
| 138     | 128.1 | 73.4  | 110.0 |

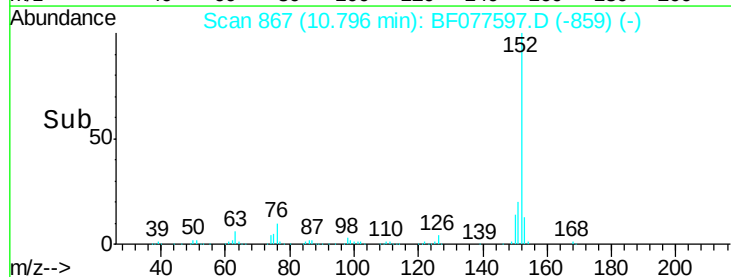
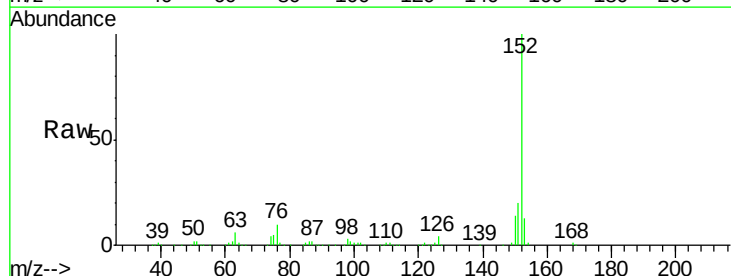
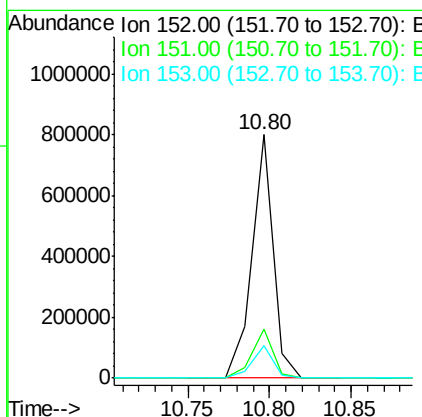
Manual Integrations  
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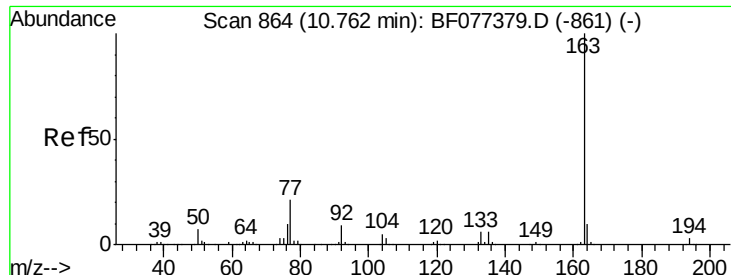
mohammad  
3/5/2015 12:48:02 PM



#48  
Acenaphthylene  
Concen: 42.38 ng  
RT: 10.80 min Scan# 867  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.4  | 16.1  | 24.1  |
| 153     | 13.3  | 10.9  | 16.3  |





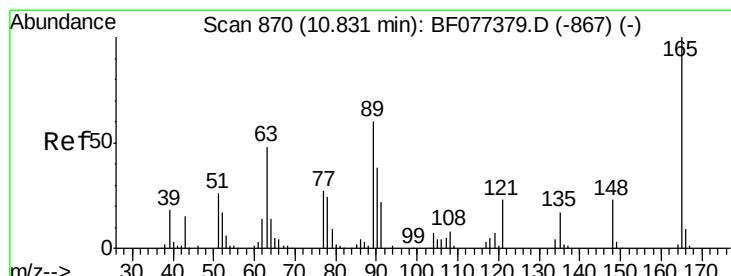
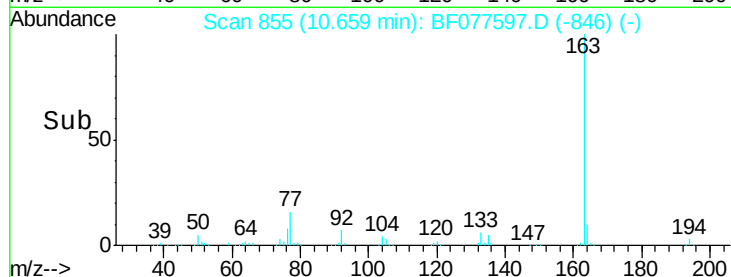
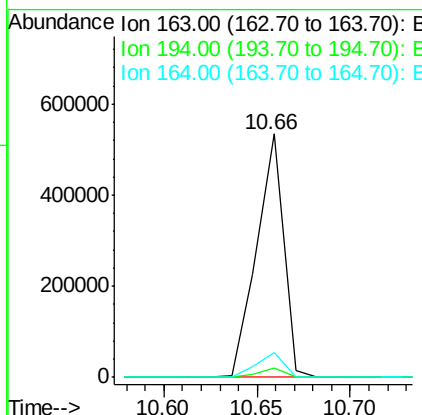
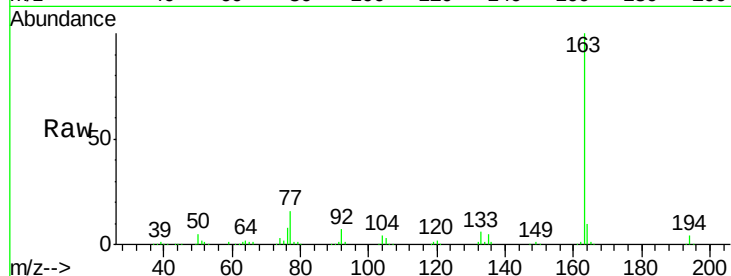
#49  
Dimethylphthalate  
Concen: 41.87 ng  
RT: 10.66 min Scan# 855  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 533340 |       |       |
| 194     | 3.7   | 2.6    | 4.0   |       |
| 164     | 10.3  | 8.6    | 13.0  |       |

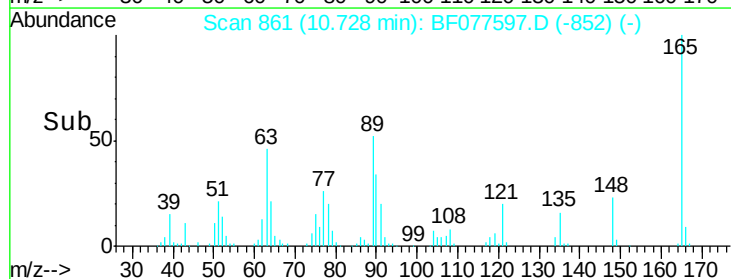
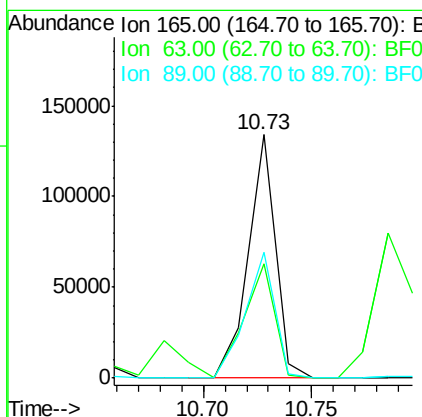
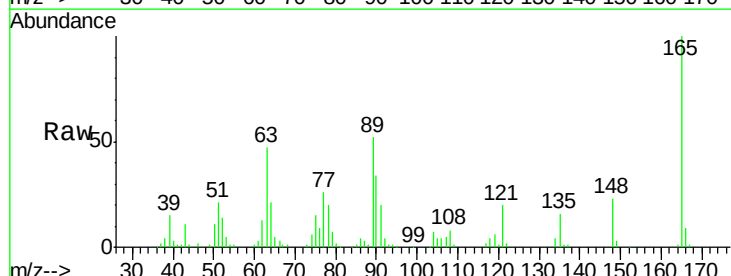
Manual Integrations  
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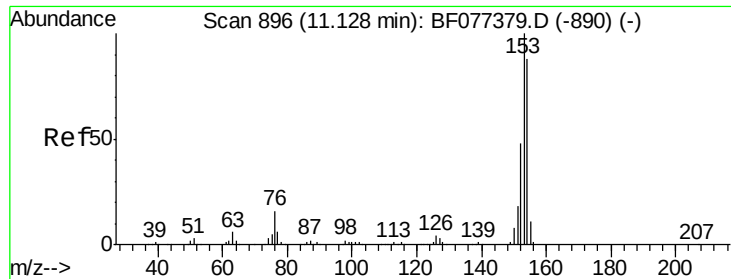
mohammad  
3/5/2015 12:48:02 PM



#50  
2,6-Dinitrotoluene  
Concen: 45.68 ng  
RT: 10.73 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 116699 |       |       |
| 63      | 46.8  | 25.2   | 37.8# |       |
| 89      | 51.5  | 30.5   | 45.7# |       |





#51

Acenaphthene

Concen: 41.64 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

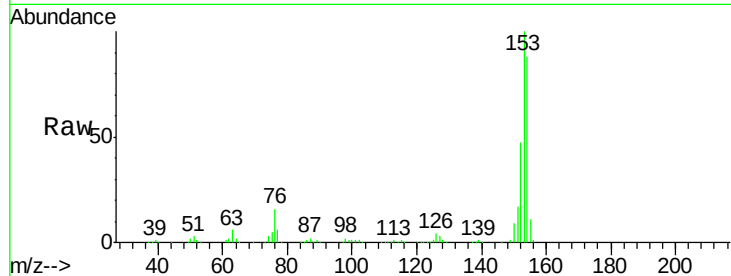
ClientSampleId :

SSTDCCC040

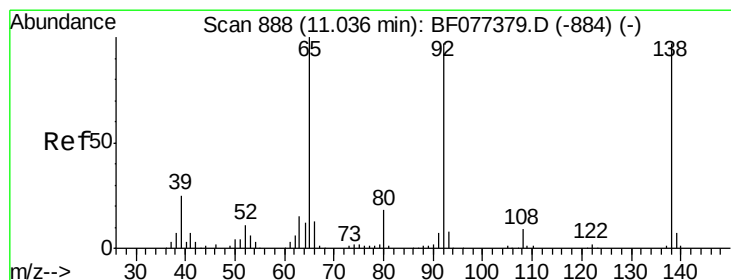
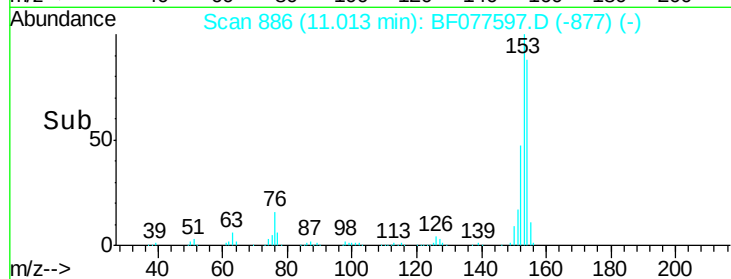
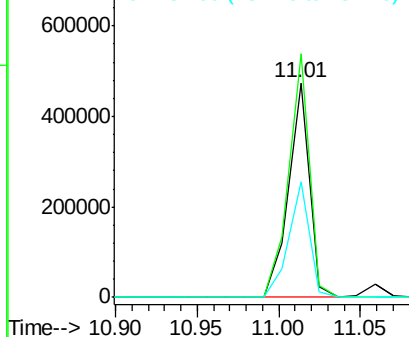
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 423523 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.7 | 90.5  | 135.7  |
| 152       | 53.9  | 43.5  | 65.3   |

Manual Integrations  
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3/5/2015 12:48:02 PM



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



#52

3-Nitroaniline

Concen: 45.03 ng

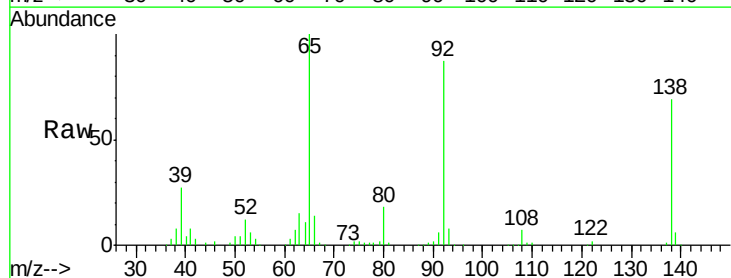
RT: 10.93 min Scan# 878

Delta R.T. -0.00 min

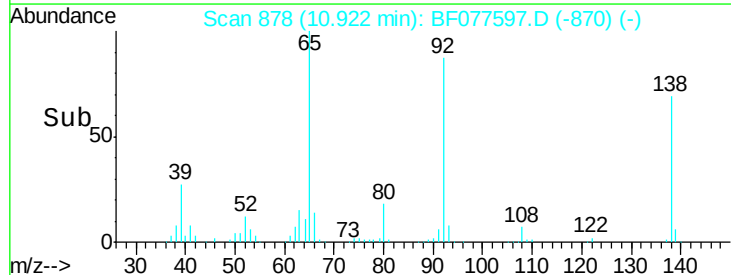
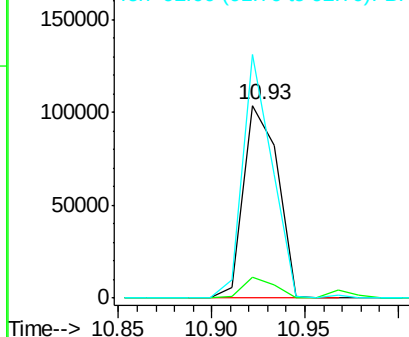
Lab File: BF077597.D

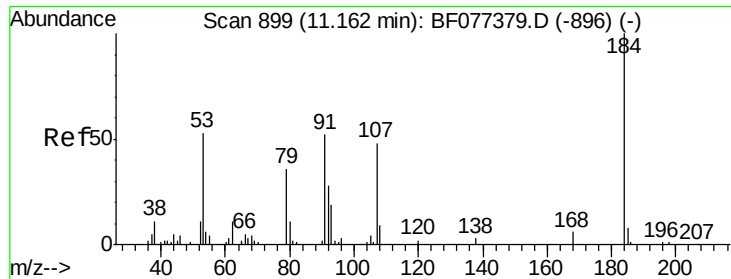
Acq: 5 Mar 2015 00:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 132625 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.8  | 7.8   | 11.8   |
| 92        | 126.5 | 90.6  | 135.8  |



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





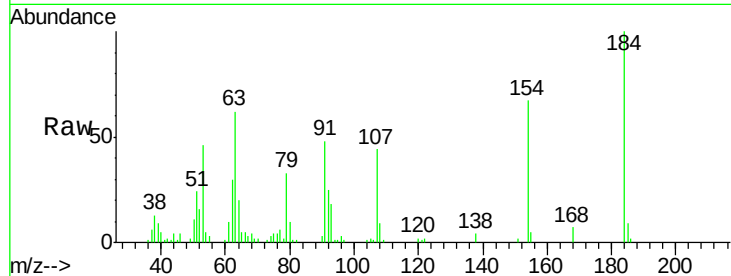
#53  
2,4-Dinitrophenol  
Concen: 48.61 ng  
RT: 11.06 min Scan# 890  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

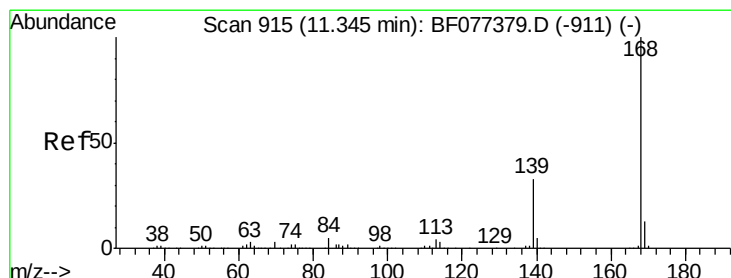
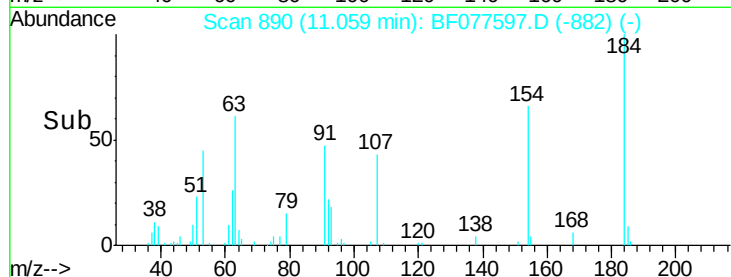
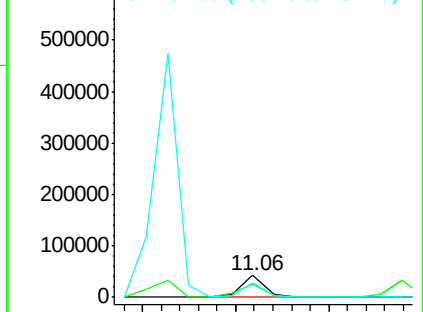
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 62.0  | 29.5  | 44.3# |
| 154     | 67.1  | 43.2  | 64.8# |

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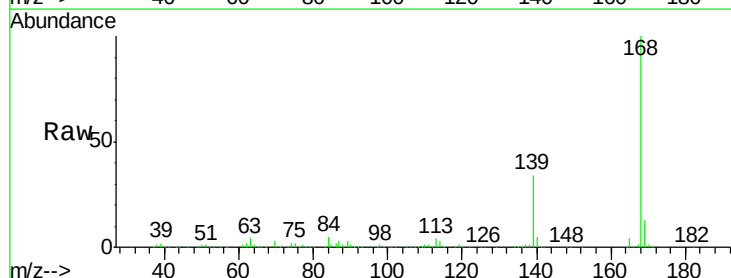


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

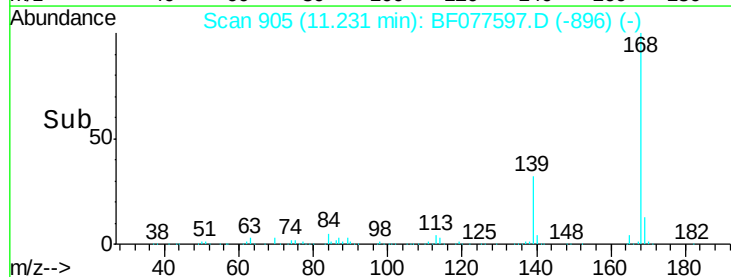
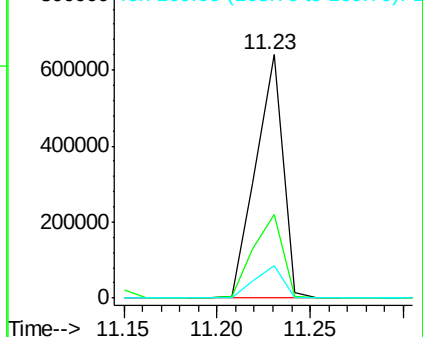


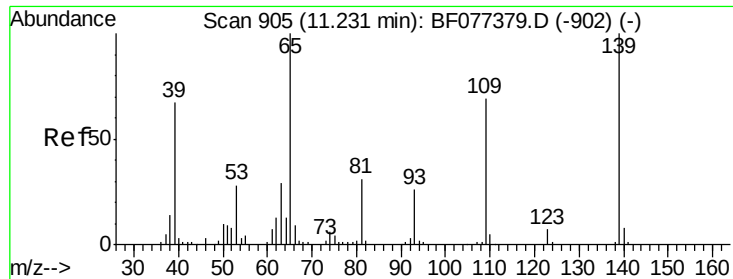
#54  
Dibenzofuran  
Concen: 41.99 ng  
RT: 11.23 min Scan# 905  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 34.4  | 29.3  | 43.9  |
| 169     | 13.1  | 10.9  | 16.3  |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





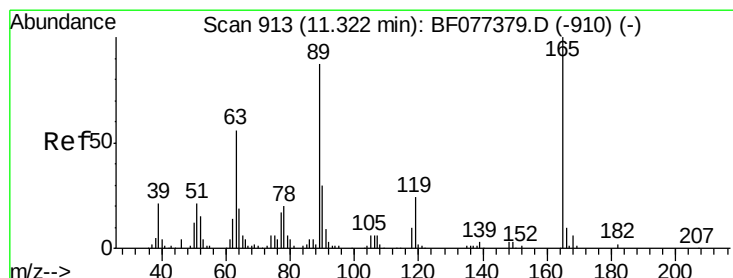
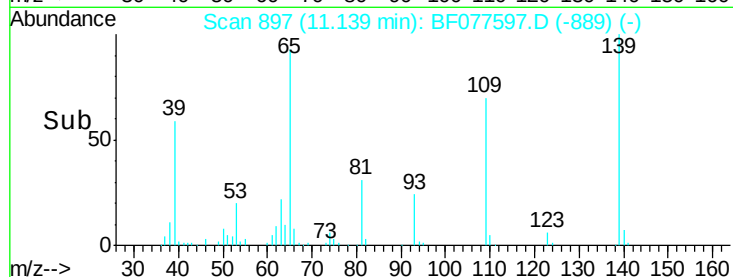
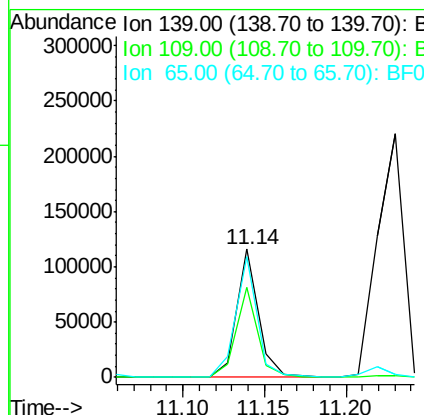
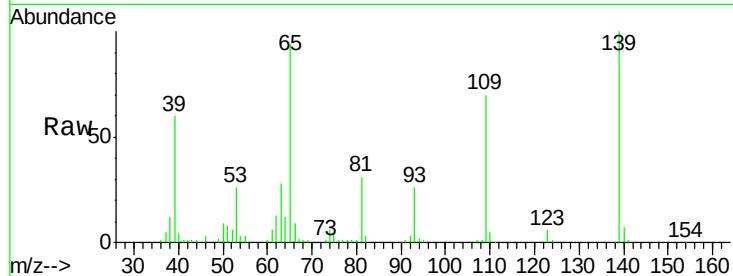
#55  
4-Nitrophenol  
Concen: 44.91 ng  
RT: 11.14 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 106389 |       |       |
| 109     | 70.2  | 36.2   | 76.2  |       |
| 65      | 94.1  | 40.3   | 80.3  |       |

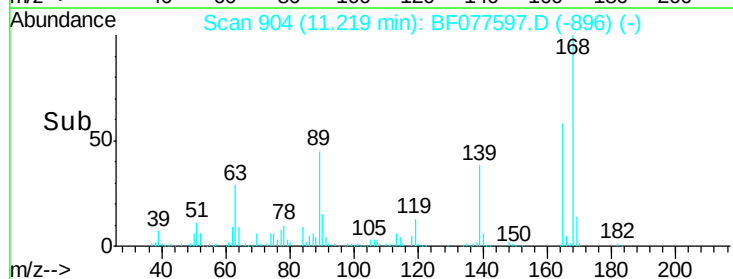
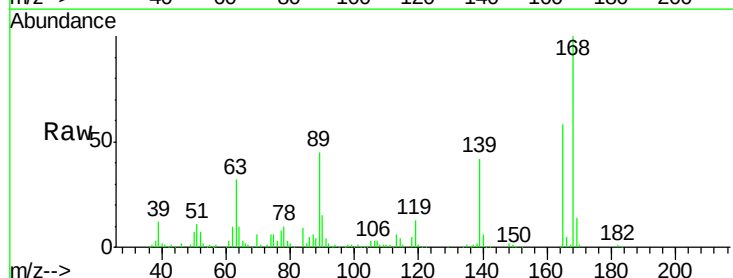
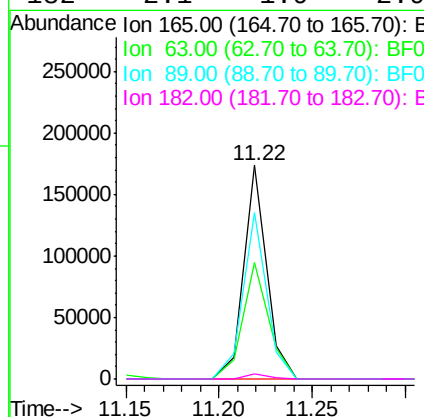
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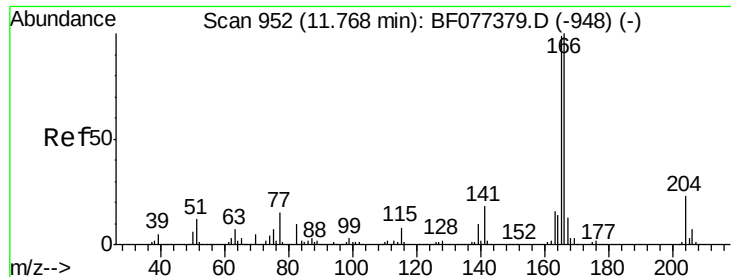


#56  
2,4-Dinitrotoluene  
Concen: 43.48 ng  
RT: 11.22 min Scan# 904  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 150091 |       |       |
| 63      | 54.8  | 29.8   | 44.8  |       |
| 89      | 77.9  | 48.5   | 72.7  |       |
| 182     | 2.1   | 1.9    | 2.9   |       |







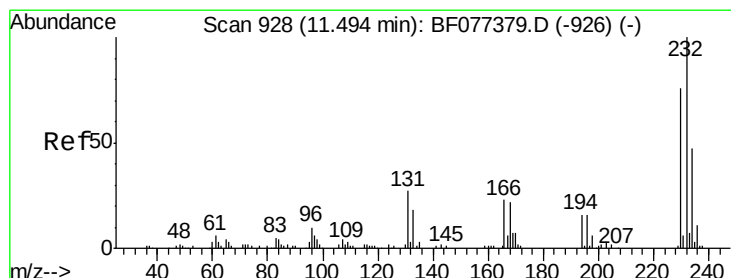
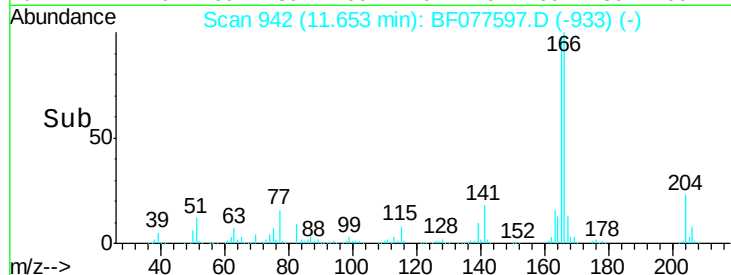
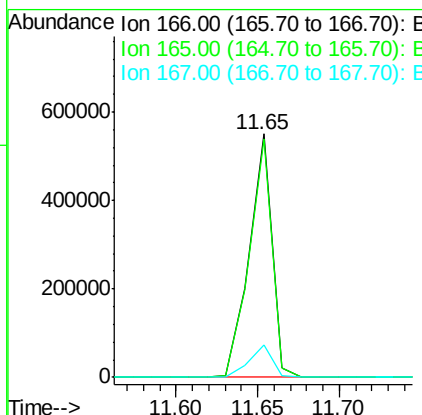
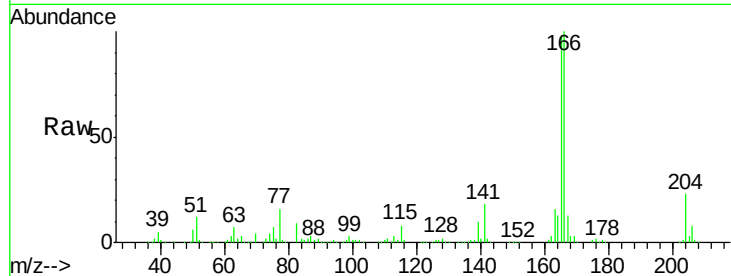
#57  
 Fluorene  
 Concen: 42.38 ng  
 RT: 11.65 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 532057 |       |       |
| 165     | 97.8  |        | 77.6  | 116.4 |
| 167     | 13.2  |        | 10.6  | 16.0  |

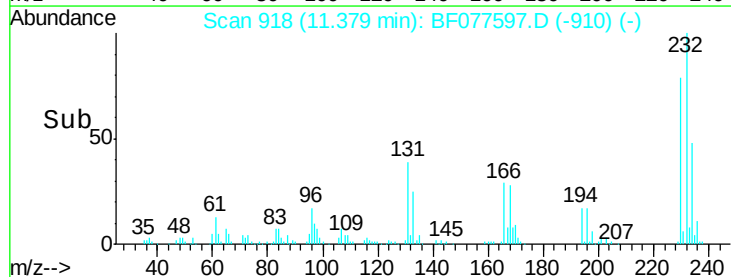
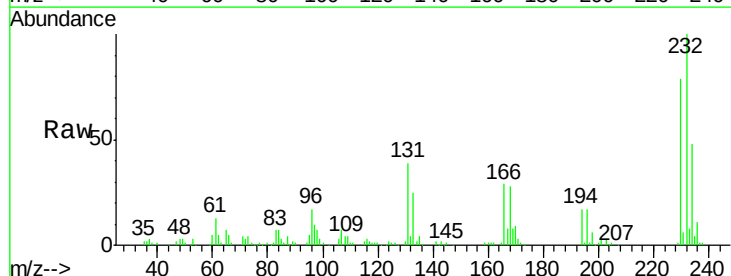
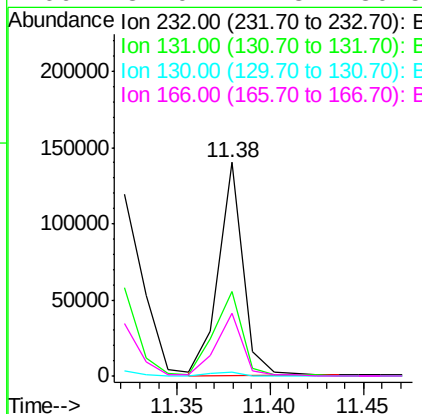
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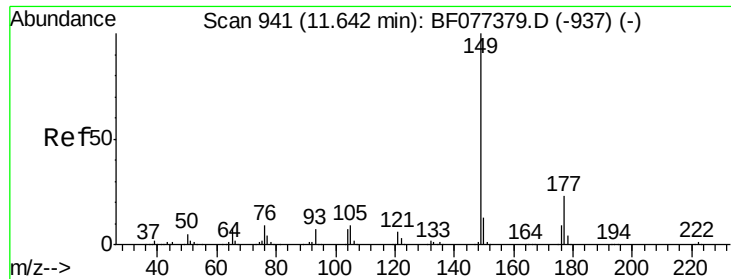
mohammad  
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.56 ng  
 RT: 11.38 min Scan# 918  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 128924 |       |       |
| 131     | 45.3  |        | 34.2  | 51.2  |
| 130     | 2.3   |        | 1.8   | 2.6   |
| 166     | 31.0  |        | 24.3  | 36.5  |





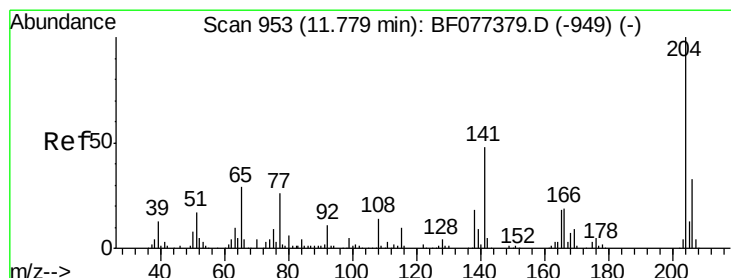
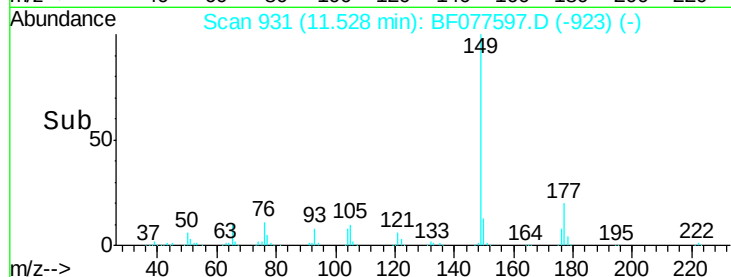
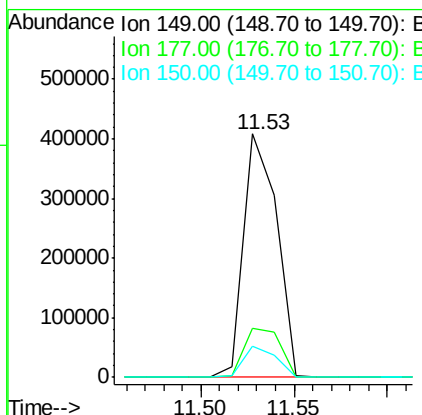
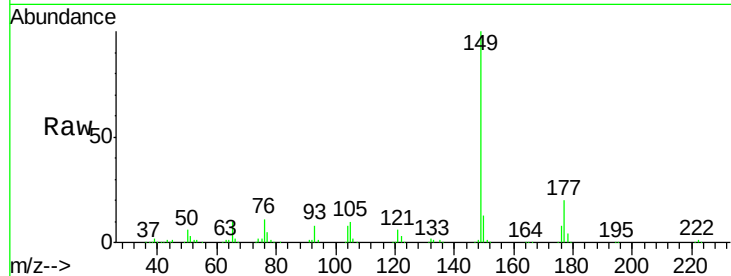
#59  
Diethylphthalate  
Concen: 40.14 ng  
RT: 11.53 min Scan# 931  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.3  | 17.2  | 25.8  |
| 150     | 12.9  | 10.5  | 15.7  |

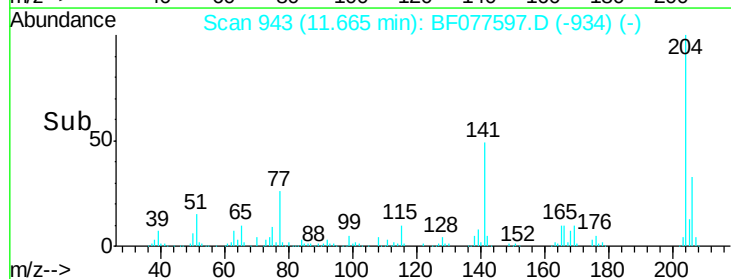
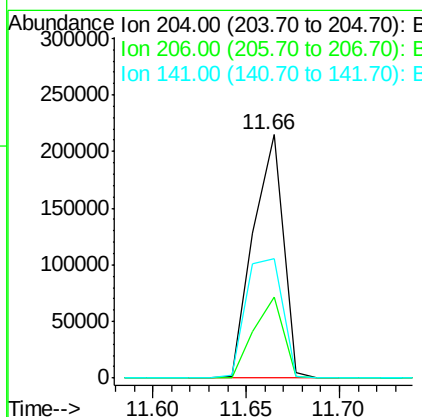
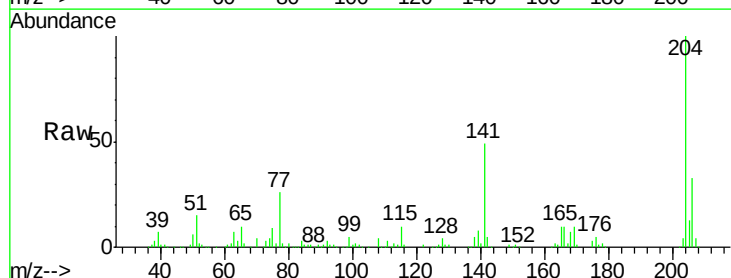
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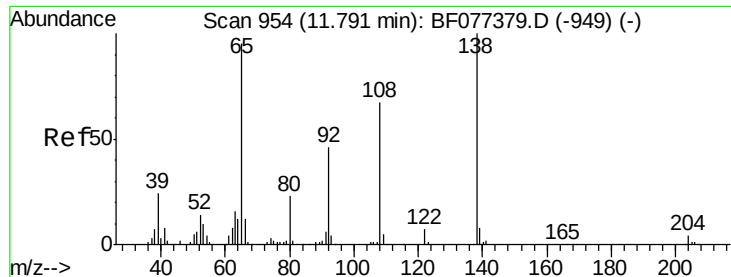
mohammad  
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#60  
4-Chlorophenyl-phenylether  
Concen: 39.62 ng  
RT: 11.66 min Scan# 943  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.4  | 25.9  | 38.9  |
| 141     | 49.2  | 43.6  | 65.4  |





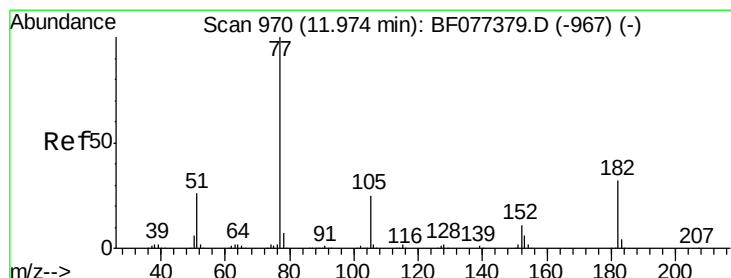
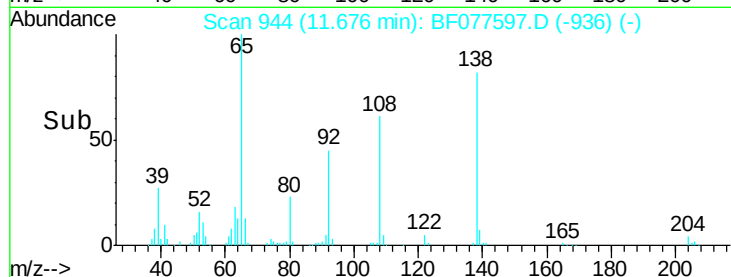
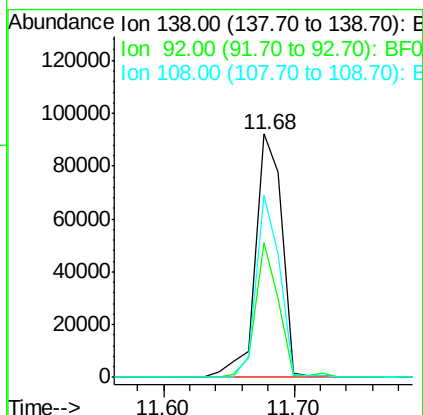
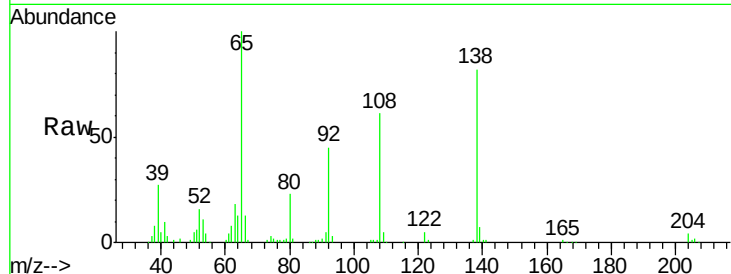
#61  
4-Nitroaniline  
Concen: 46.46 ng  
RT: 11.68 min Scan# 944  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 131152 |       |       |
| 92      | 55.2  | 32.8   | 72.8  |       |
| 108     | 74.8  | 52.1   | 92.1  |       |

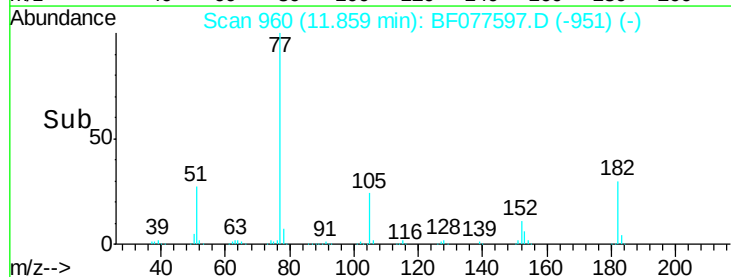
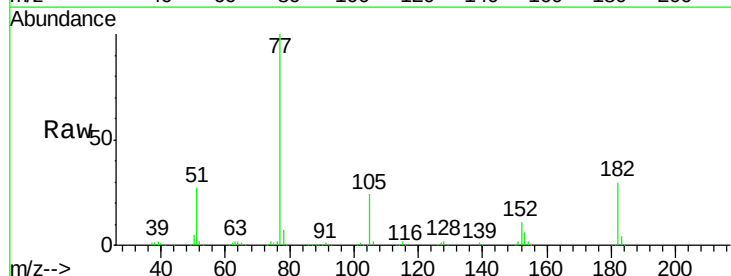
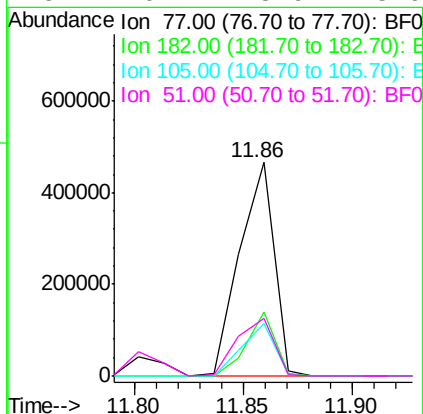
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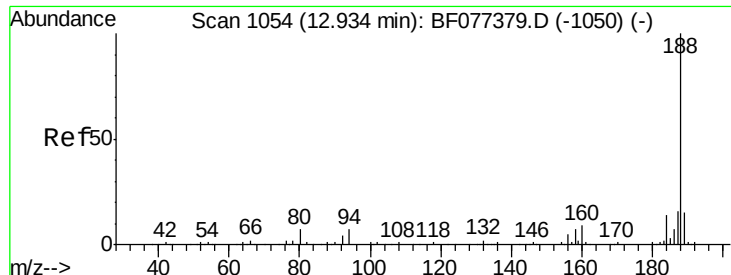
mohammad  
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#62  
Azobenzene  
Concen: 42.99 ng  
RT: 11.86 min Scan# 960  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 512138 |       |       |
| 182     | 30.1  | 4.9    | 44.9  |       |
| 105     | 24.4  | 3.3    | 43.3  |       |
| 51      | 26.7  | 8.9    | 48.9  |       |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.81 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

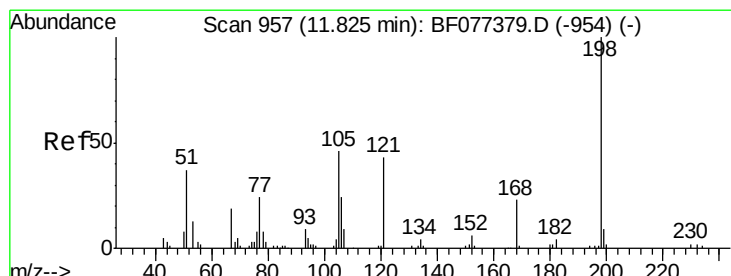
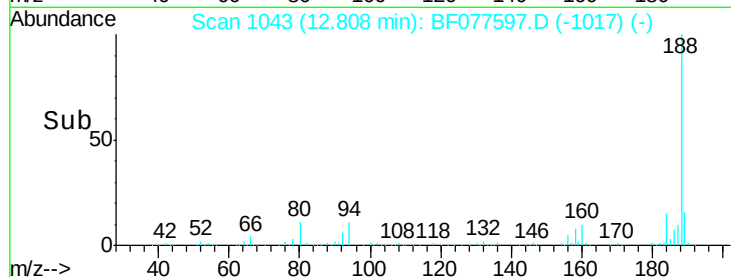
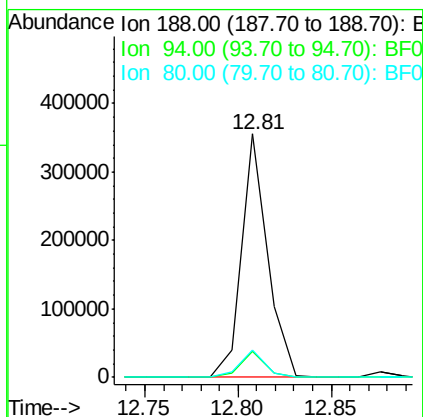
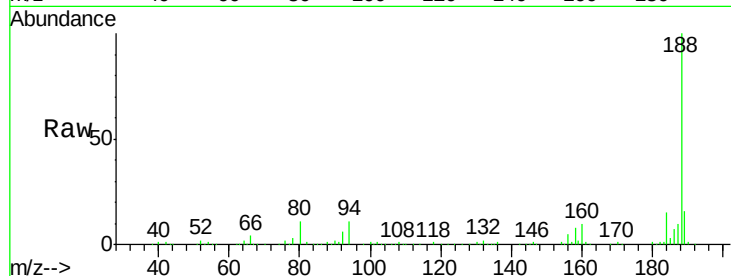
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 343344 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 10.7  | 7.4   | 11.2   |
| 80        | 11.1  | 8.0   | 12.0   |

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.00 ng

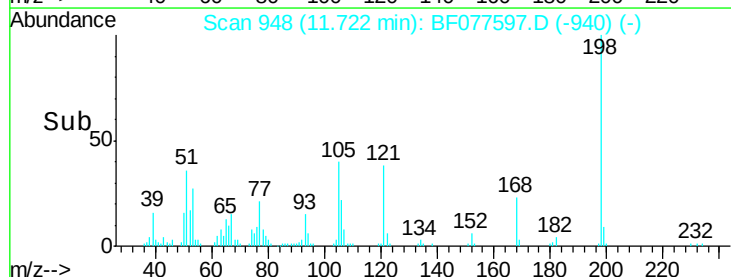
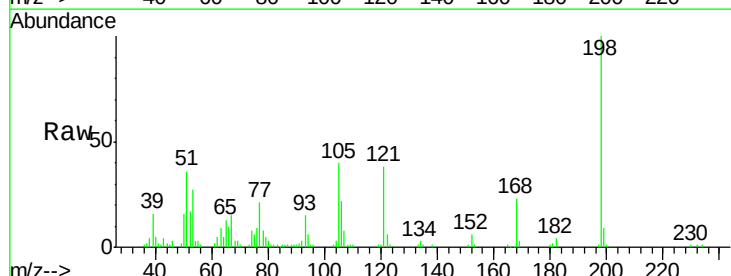
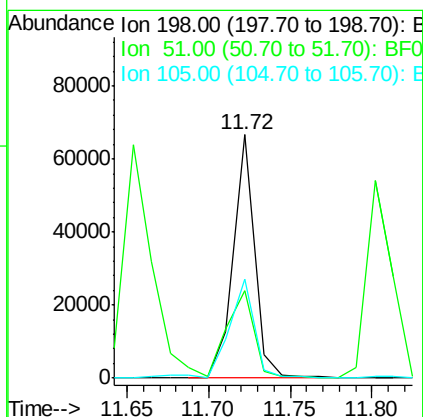
RT: 11.72 min Scan# 948

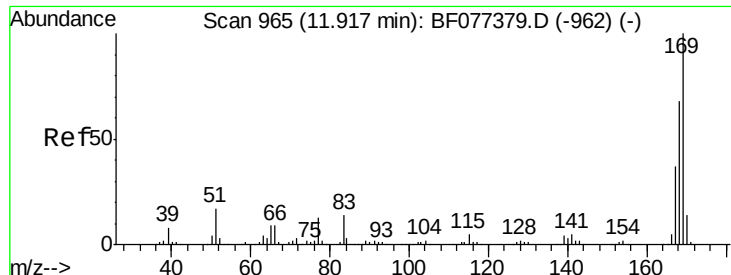
Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

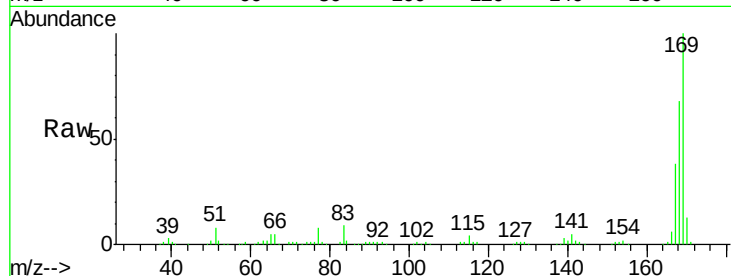
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 59817 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 35.7  | 2.7   | 42.7  |
| 105       | 40.4  | 10.0  | 50.0  |





#65  
 n-Nitrosodiphenylamine  
 Concen: 39.30 ng  
 RT: 11.81 min Scan# 956  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

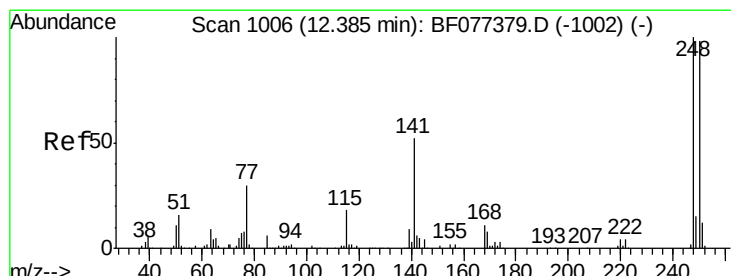
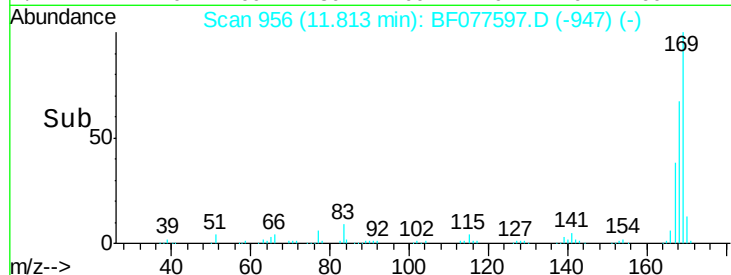
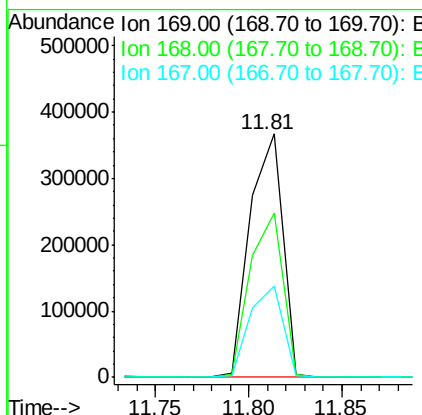
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.5  | 53.0  | 79.6  |
| 167     | 37.6  | 29.5  | 44.3  |

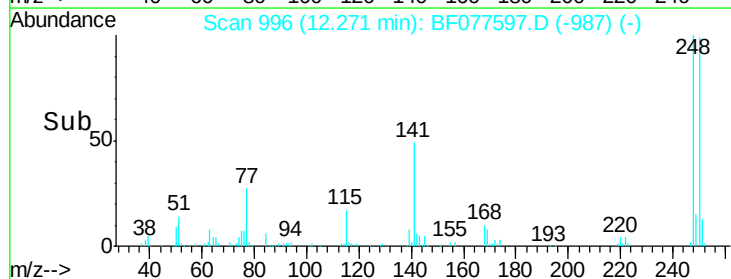
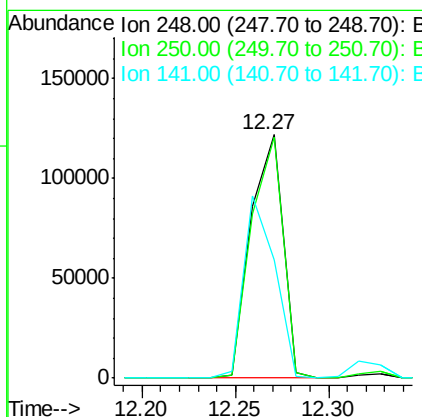
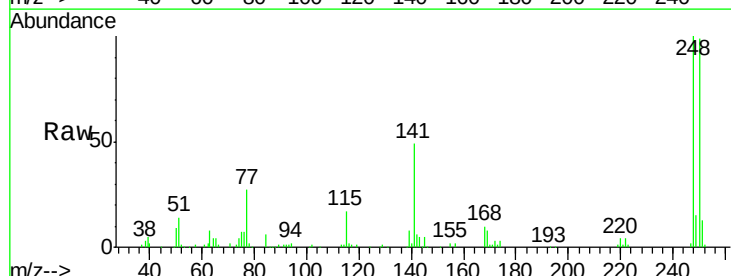
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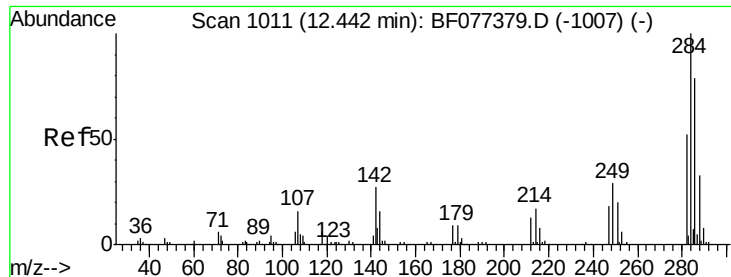
mohammad  
 3/5/2015 12:48:02 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 36.20 ng  
 RT: 12.27 min Scan# 996  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.9  | 78.0  | 117.0 |
| 141     | 48.7  | 54.1  | 81.1# |





#67

Hexachlorobenzene

Concen: 36.43 ng

RT: 12.32 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

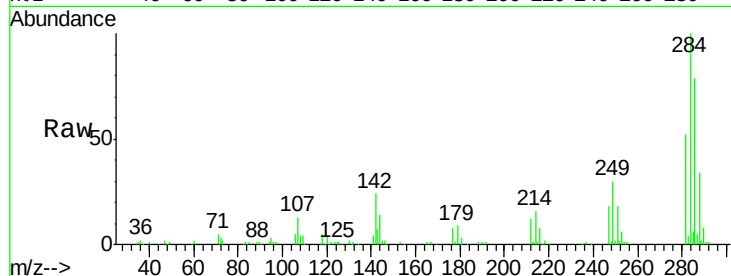
ClientSampleId :

SSTDCCC040

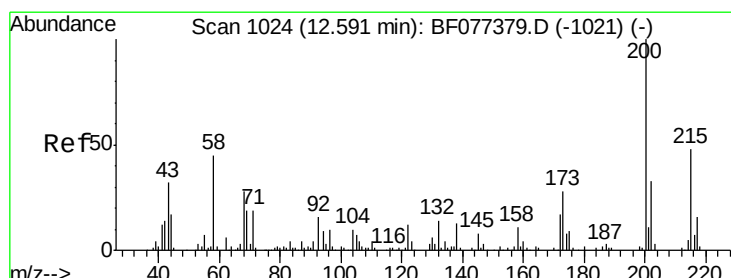
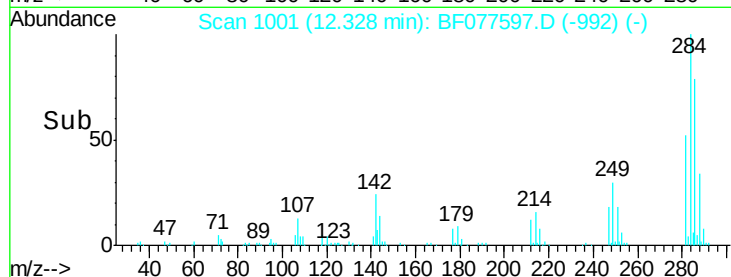
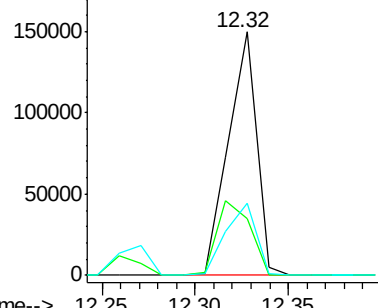
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 157223 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 23.5  | 31.6  | 47.4#  |
| 249       | 29.7  | 27.0  | 40.4   |

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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: 34.52 ng

RT: 12.48 min Scan# 1014

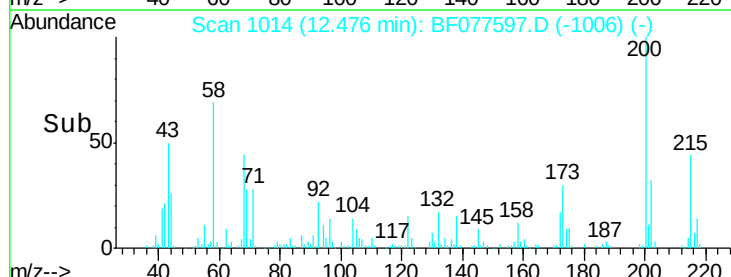
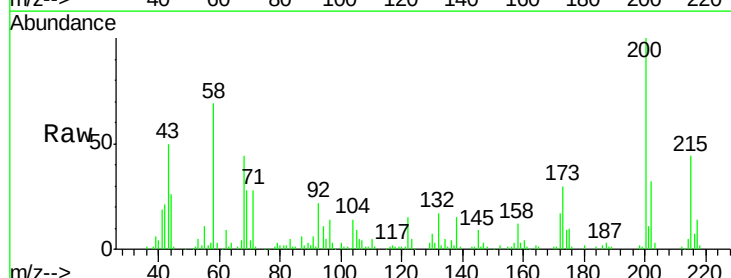
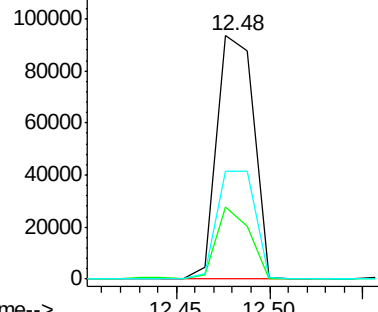
Delta R.T. -0.00 min

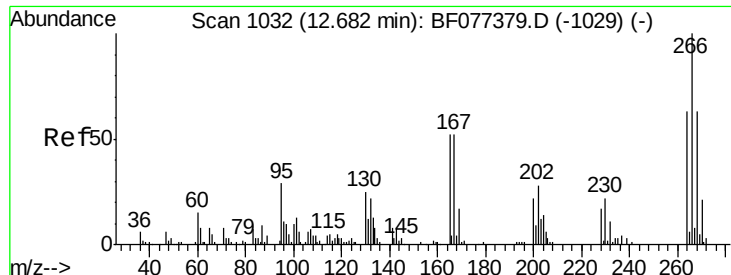
Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 127849 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 29.5  | 9.6   | 49.6   |
| 215       | 44.4  | 24.4  | 64.4   |

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





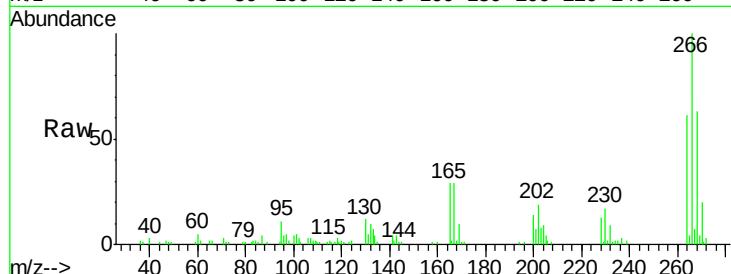
#69  
 Pentachlorophenol  
 Concen: 37.98 ng  
 RT: 12.58 min Scan# 1023  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

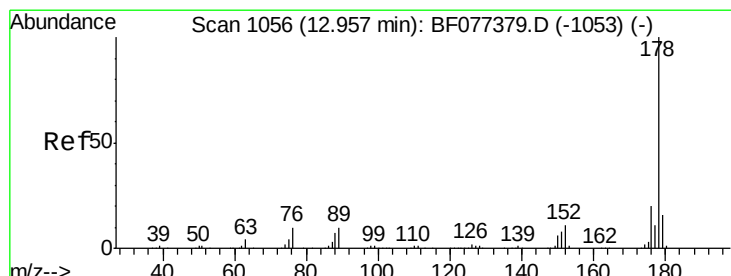
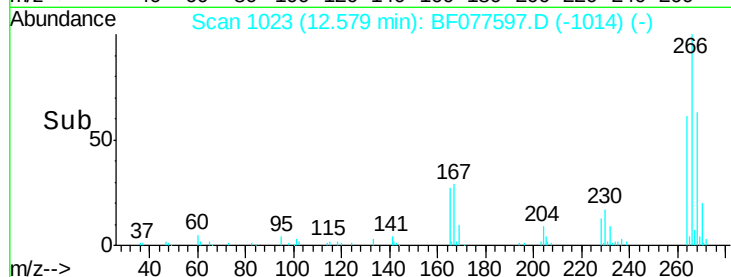
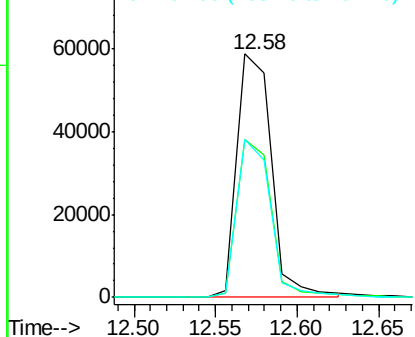
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 86145 |       |       |
| 268     | 63.3  | 51.2  | 76.8  |       |
| 264     | 61.0  | 50.7  | 76.1  |       |

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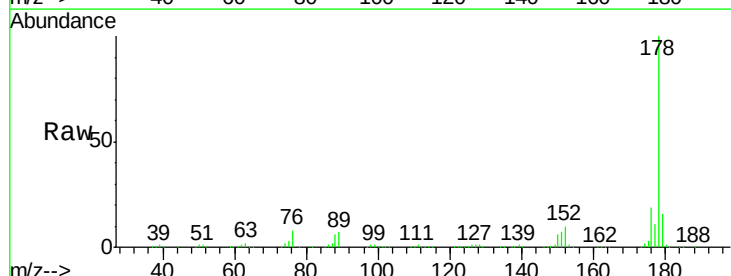


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

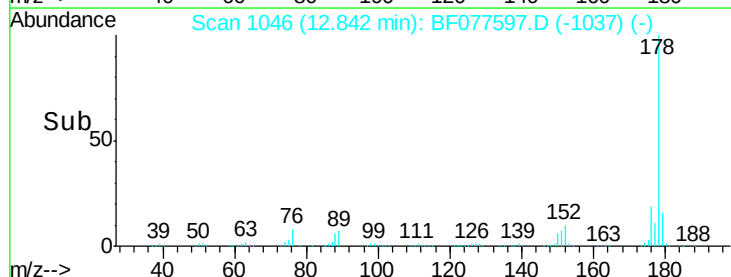
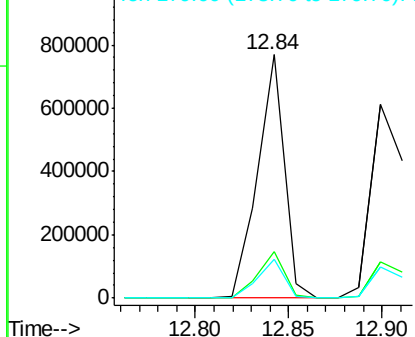


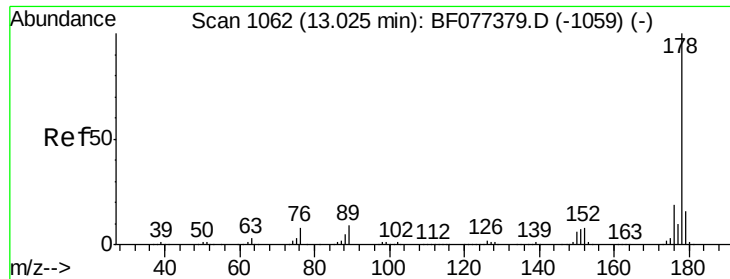
#70  
 Phenanthrene  
 Concen: 38.12 ng  
 RT: 12.84 min Scan# 1046  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 758608 |       |       |
| 176     | 19.1  | 15.5   | 23.3  |       |
| 179     | 15.8  | 12.2   | 18.2  |       |



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





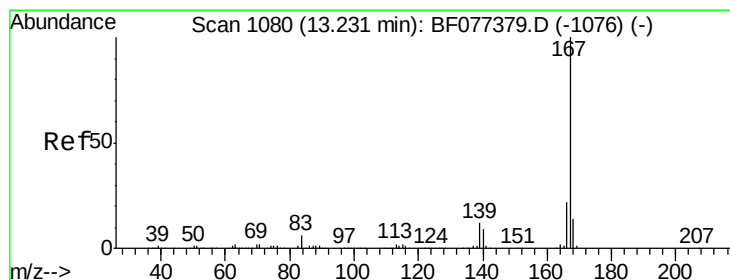
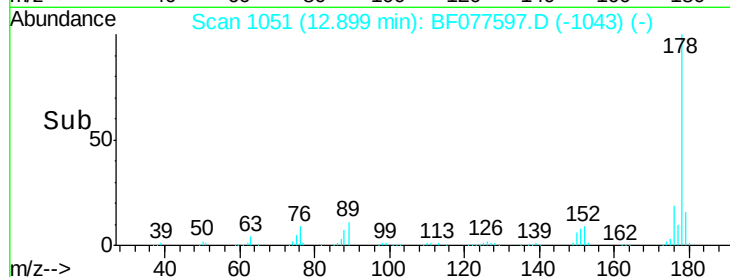
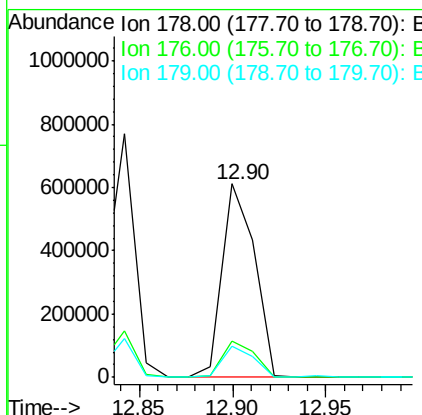
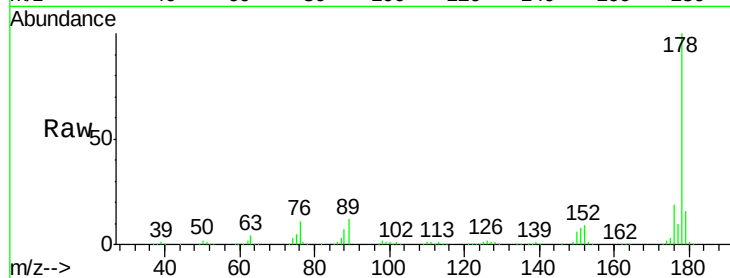
#71  
 Anthracene  
 Concen: 37.68 ng  
 RT: 12.90 min Scan# 1051  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.4  | 23.0  |
| 179     | 16.2  | 12.9  | 19.3  |

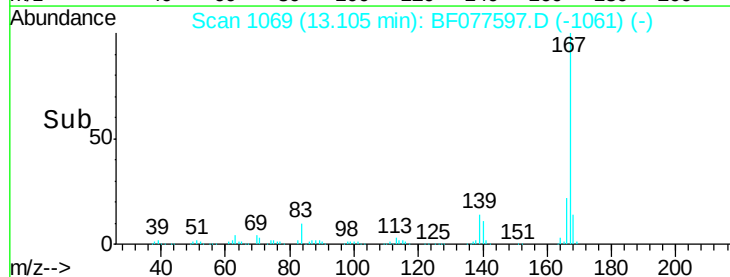
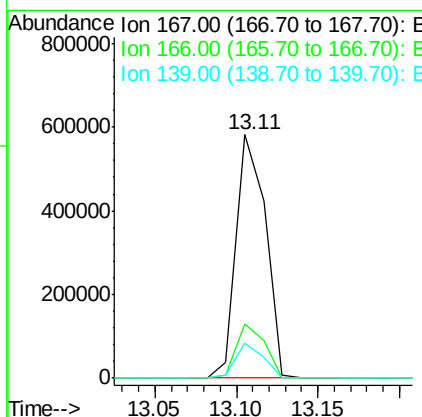
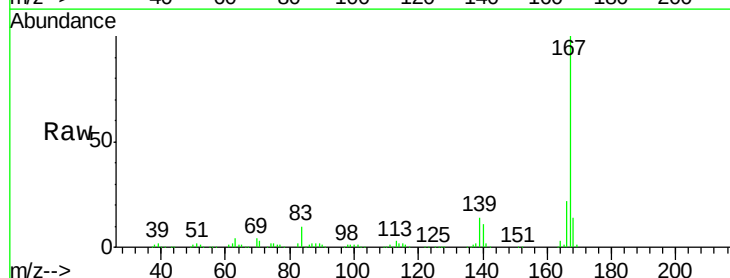
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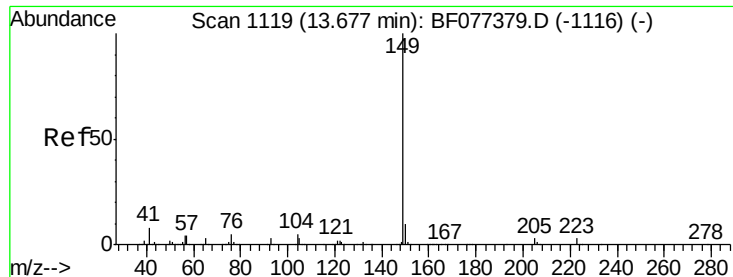


#72  
 Carbazole  
 Concen: 38.46 ng  
 RT: 13.11 min Scan# 1069  
 Delta R.T. -0.00 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 17.6  | 26.4  |
| 139     | 14.1  | 9.9   | 14.9  |







#73

Di-n-butylphthalate

Concen: 37.31 ng

RT: 13.56 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

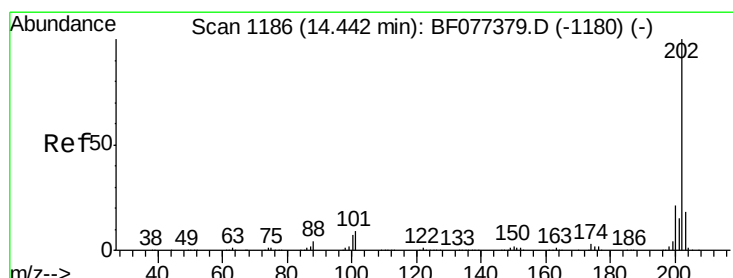
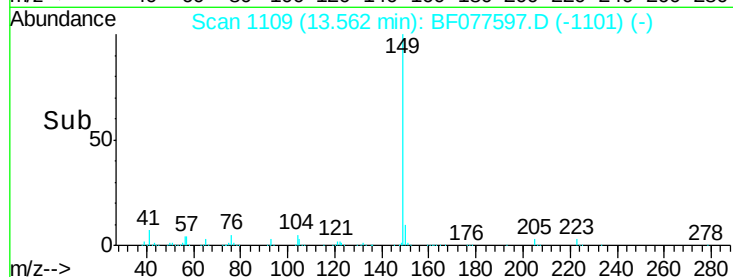
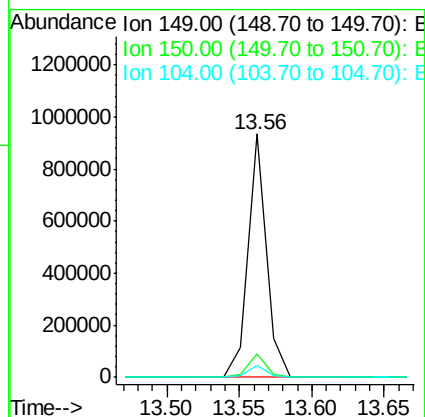
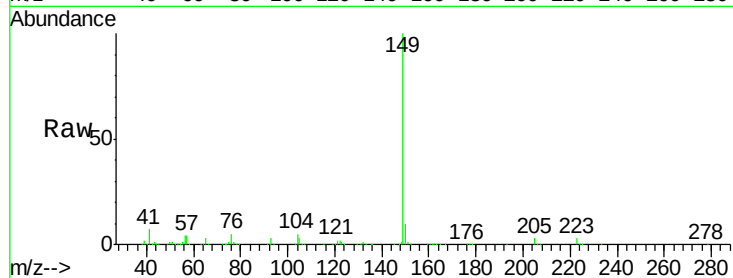
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 822545 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.6   | 7.8   | 11.8   |
| 104       | 4.8   | 4.1   | 6.1    |

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#74

Fluoranthene

Concen: 37.59 ng

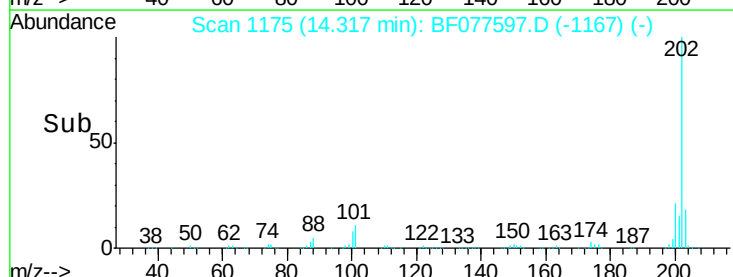
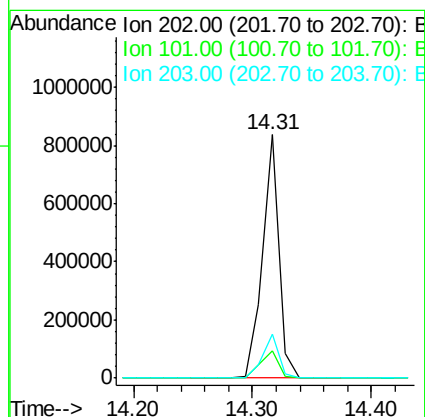
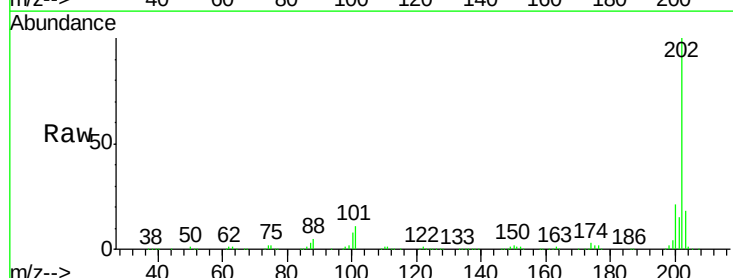
RT: 14.31 min Scan# 1175

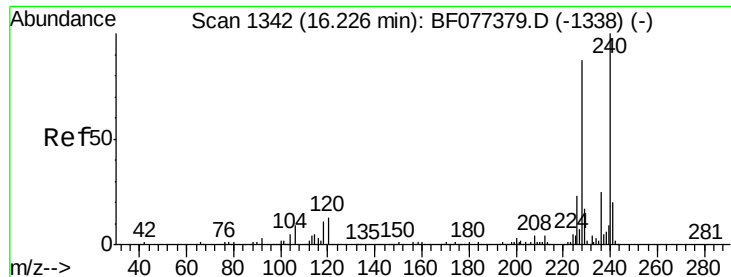
Delta R.T. -0.01 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 817071 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 11.2  | 0.0   | 30.8   |
| 203       | 18.0  | 0.0   | 37.7   |





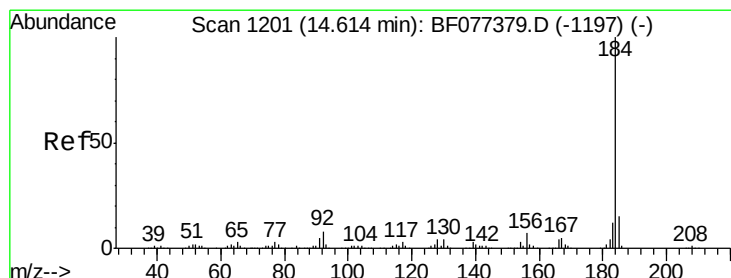
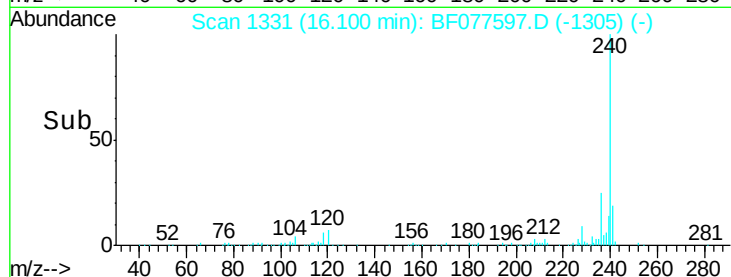
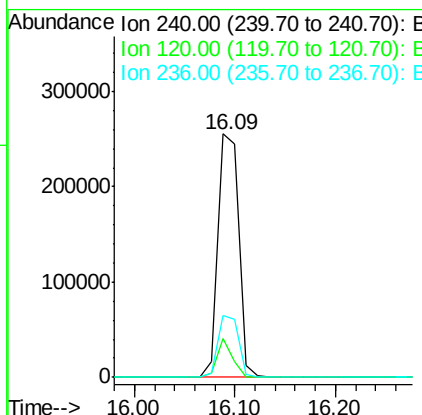
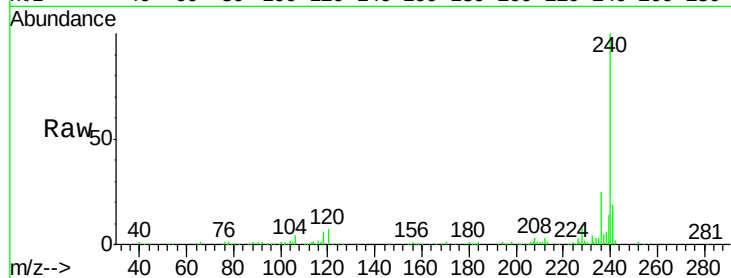
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.09 min Scan# 1331  
Delta R.T. -0.01 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 367151 |       |       |
| 120     | 6.8   | 8.8    | 13.2  | #     |
| 236     | 25.0  | 20.7   | 31.1  |       |

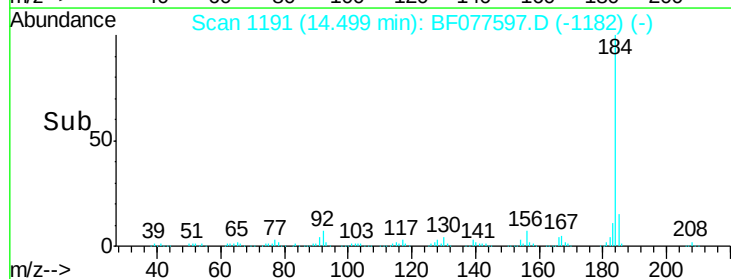
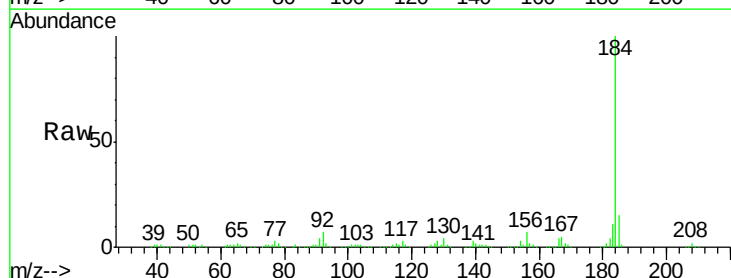
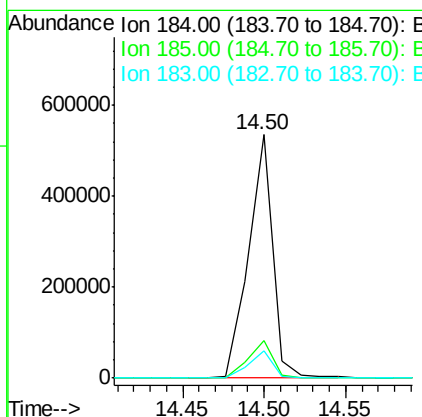
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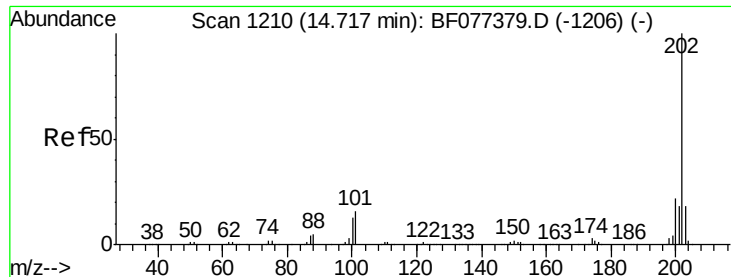
mohammad  
3/5/2015 12:48:02 PM



#76  
Benzidine  
Concen: 44.47 ng  
RT: 14.50 min Scan# 1191  
Delta R.T. -0.00 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 551588 |       |       |
| 185     | 15.2  | 12.6   | 18.8  |       |
| 183     | 11.4  | 9.3    | 13.9  |       |





#77

Pyrene

Concen: 37.76 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

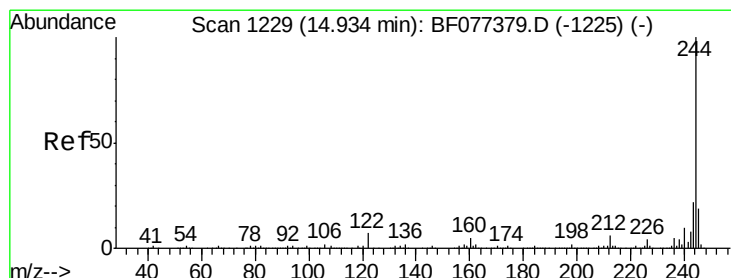
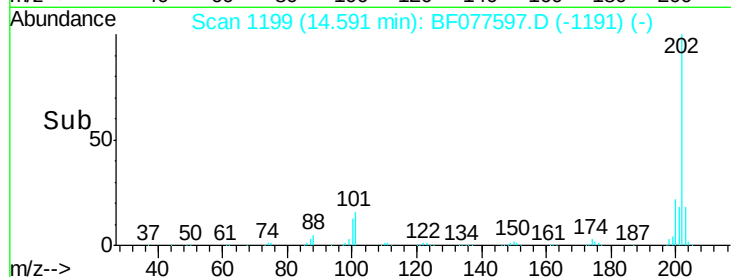
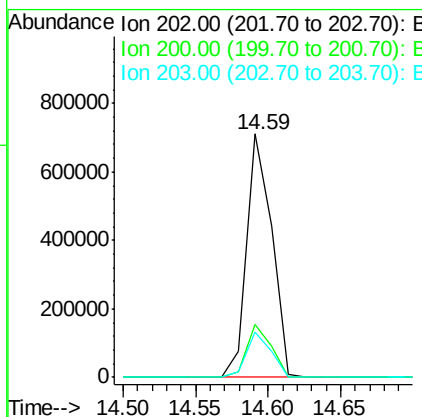
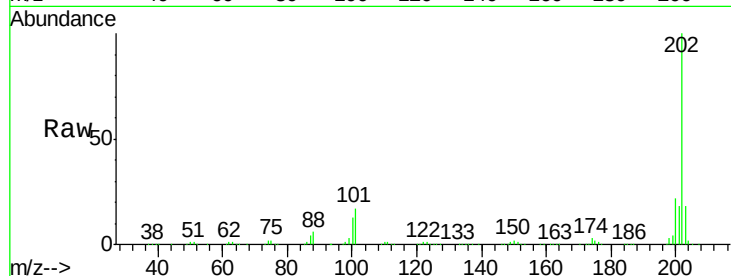
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 848145 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.5  | 17.1  | 25.7   |
| 203       | 18.4  | 14.2  | 21.2   |

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#78

Terphenyl-d14

Concen: 70.47 ng

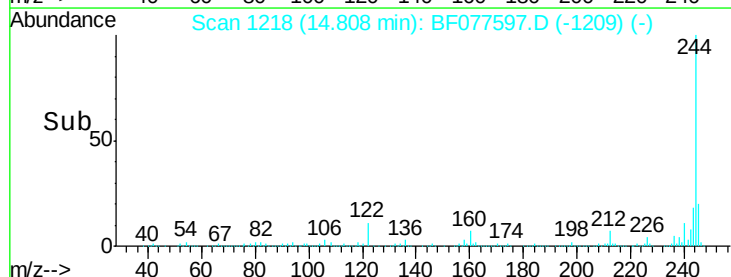
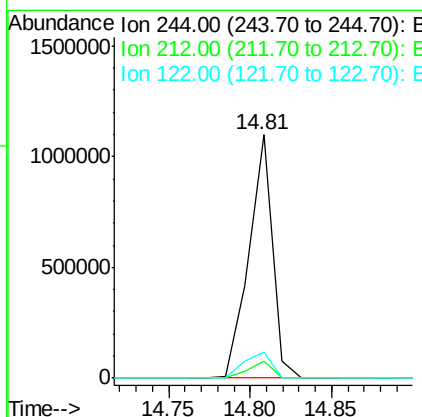
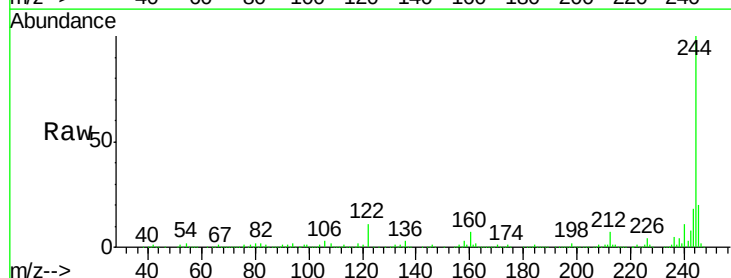
RT: 14.81 min Scan# 1218

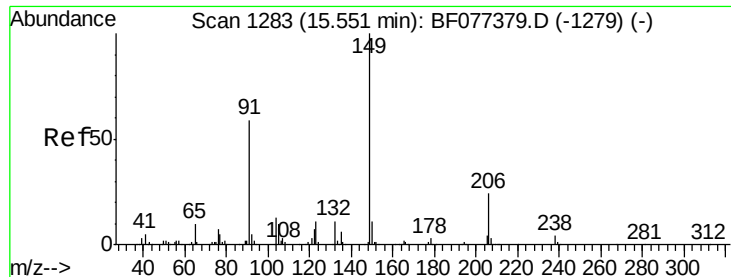
Delta R.T. -0.00 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 1106769 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 6.8   | 5.2   | 7.8     |
| 122       | 10.6  | 7.8   | 11.8    |





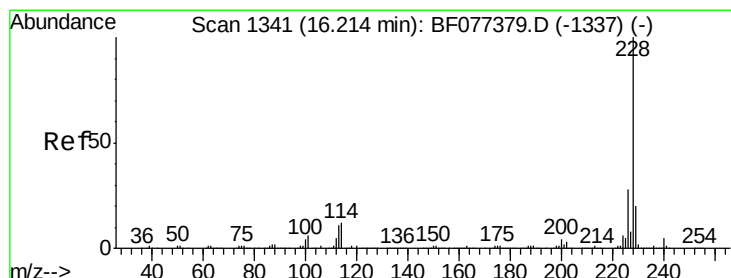
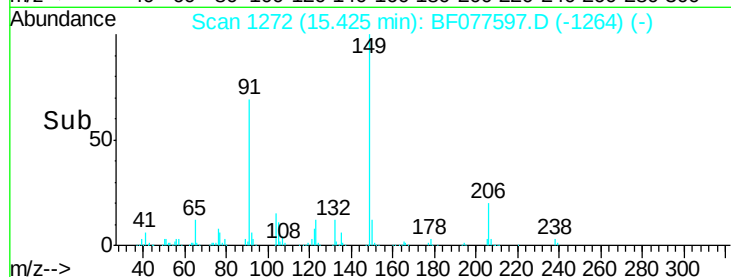
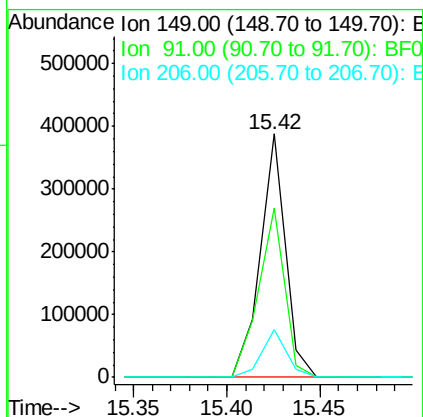
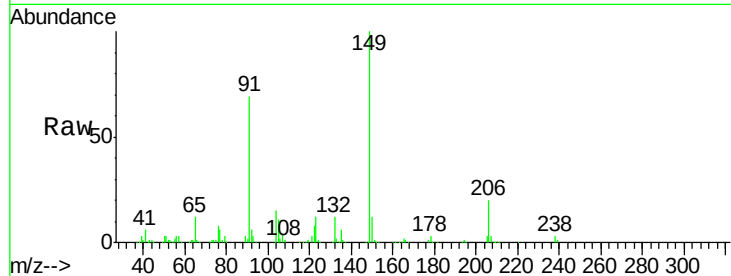
#79  
Butylbenzylphthalate  
Concen: 39.04 ng  
RT: 15.42 min Scan# 1272  
Delta R.T. -0.01 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 360765 |       |       |
| 91      | 69.3  | 51.2   | 76.8  |       |
| 206     | 19.5  | 17.8   | 26.8  |       |

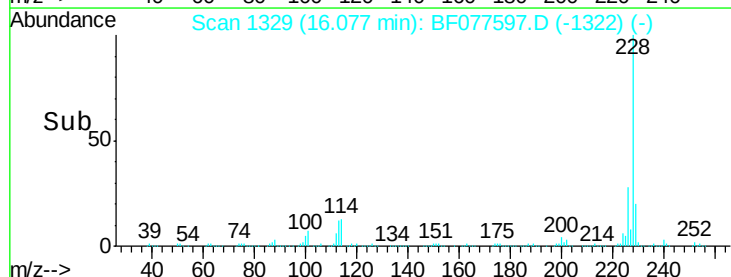
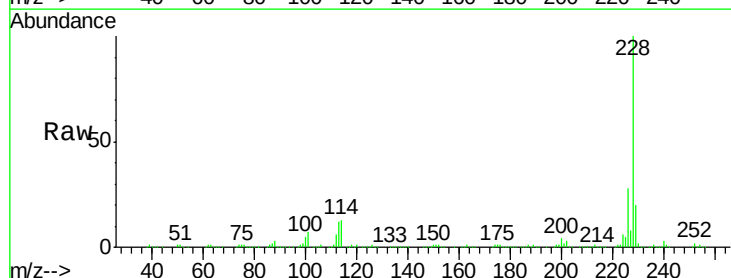
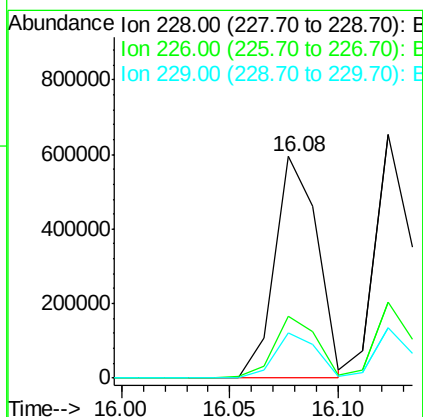
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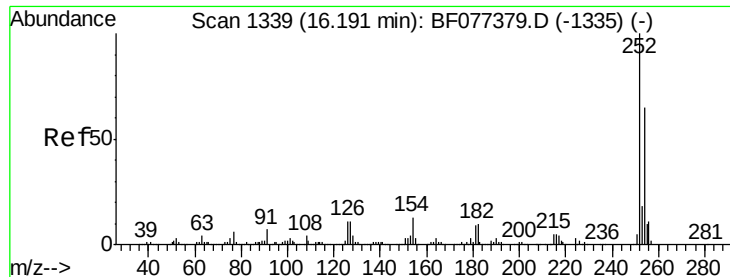
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#80  
Benzo(a)anthracene  
Concen: 37.83 ng  
RT: 16.08 min Scan# 1329  
Delta R.T. -0.01 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 814090 |       |       |
| 226     | 28.1  | 22.0   | 33.0  |       |
| 229     | 20.3  | 15.8   | 23.8  |       |





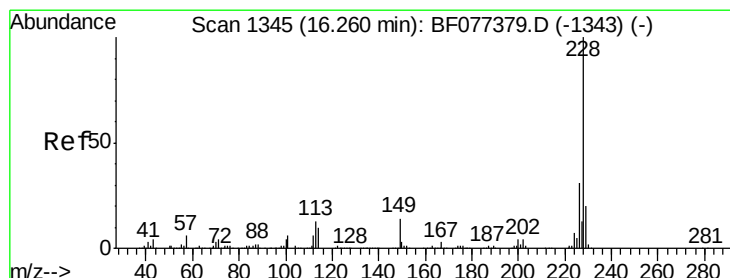
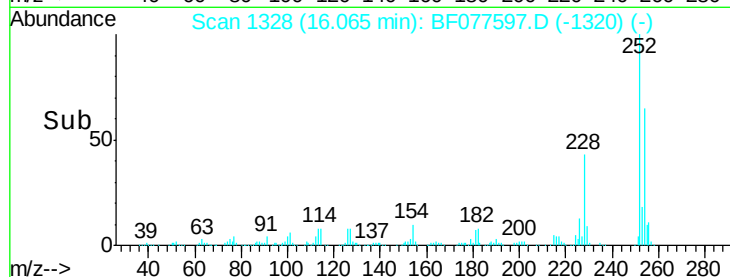
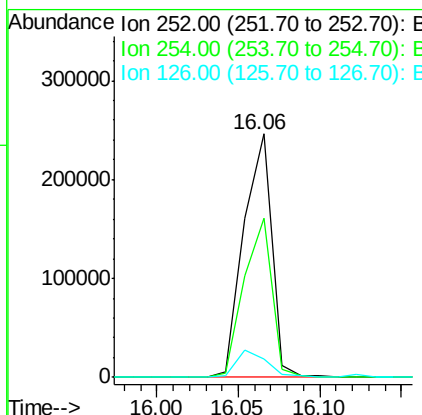
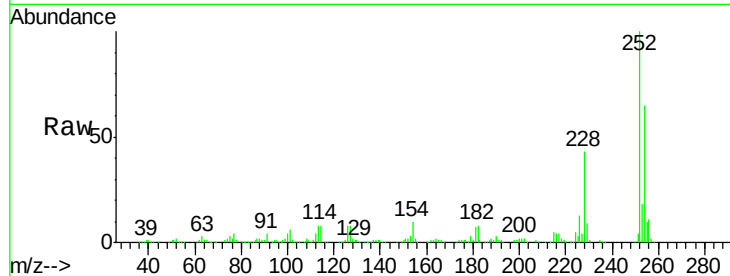
#81  
 3,3'-Dichlorobenzidine  
 Concen: 37.41 ng  
 RT: 16.06 min Scan# 1328  
 Delta R.T. -0.01 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 65.4  | 52.9       | 79.3       |
| 126     | 7.7   | 7.3        | 10.9       |

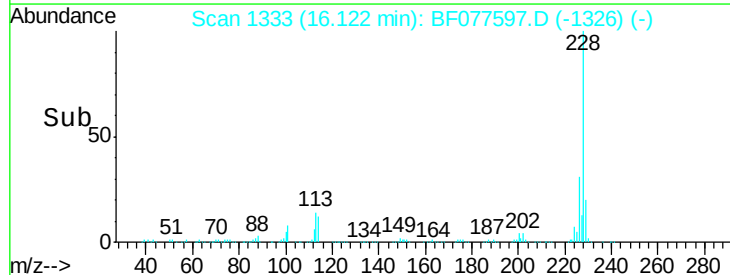
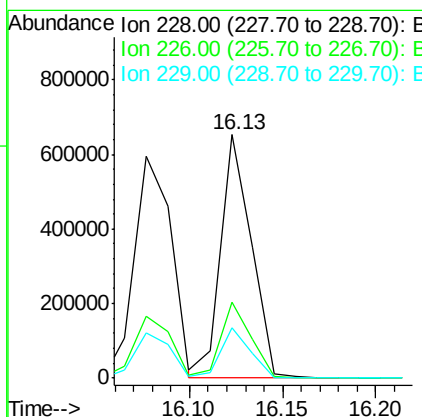
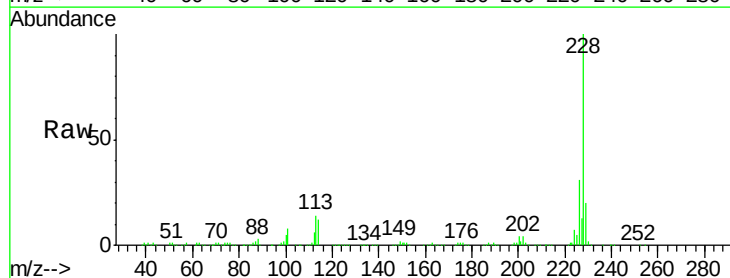
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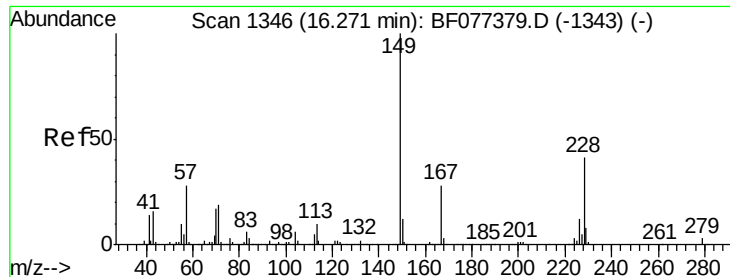
mohammad  
 3/5/2015 12:48:02 PM



#82  
 Chrysene  
 Concen: 36.89 ng  
 RT: 16.13 min Scan# 1333  
 Delta R.T. -0.01 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 31.2  | 24.9       | 37.3       |
| 229     | 20.5  | 16.4       | 24.6       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.52 ng

RT: 16.14 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

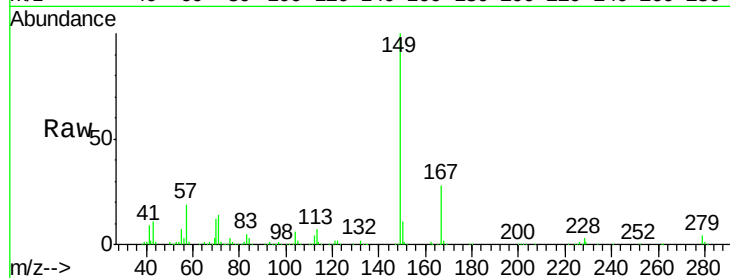
ClientSampleId :

SSTDCCC040

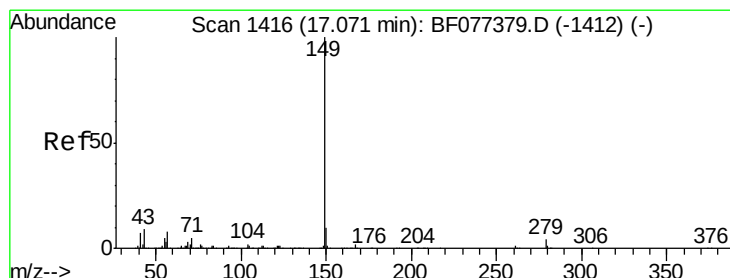
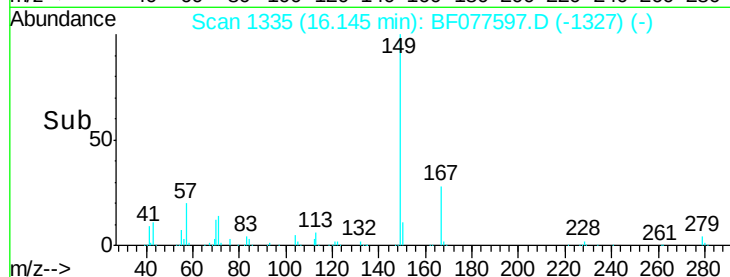
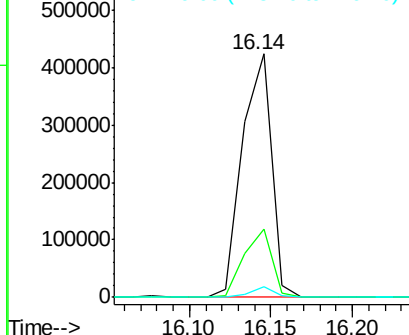
|     |       |      |       |        |
|-----|-------|------|-------|--------|
| Tgt | Ion   | 149  | Resp  | 526343 |
|     | Ratio | 100  | Lower | Upper  |
|     | 149   | 100  |       |        |
|     | 167   | 28.3 | 22.8  | 34.2   |
|     | 279   | 4.2  | 3.8   | 5.6    |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.89 ng

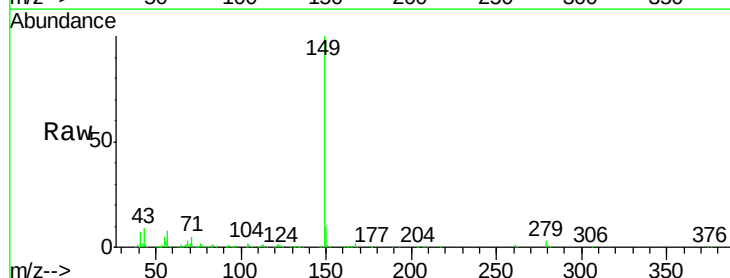
RT: 16.91 min Scan# 1402

Delta R.T. -0.04 min

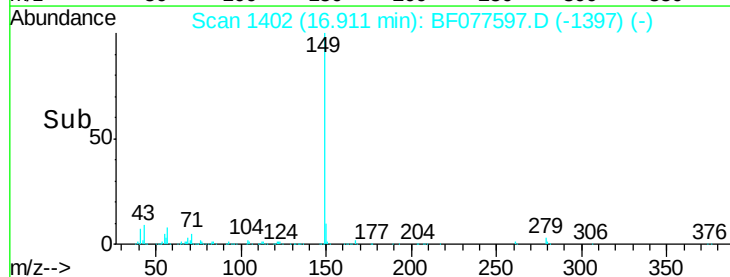
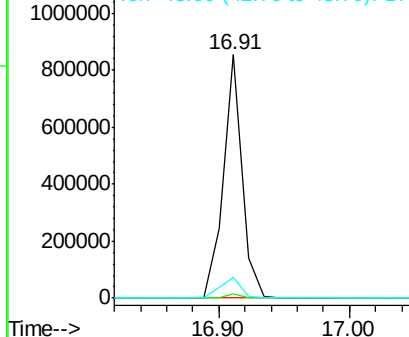
Lab File: BF077597.D

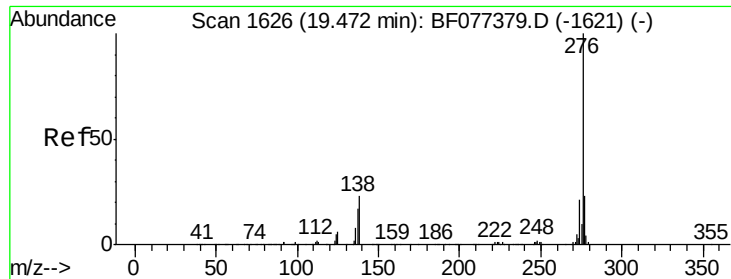
Acq: 5 Mar 2015 00:41

|     |       |     |       |        |
|-----|-------|-----|-------|--------|
| Tgt | Ion   | 149 | Resp  | 863111 |
|     | Ratio | 100 | Lower | Upper  |
|     | 149   | 100 |       |        |
|     | 167   | 1.5 | 1.3   | 1.9    |
|     | 43    | 9.8 | 8.1   | 12.1   |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0





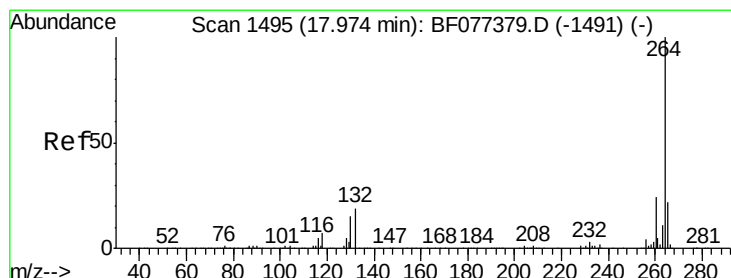
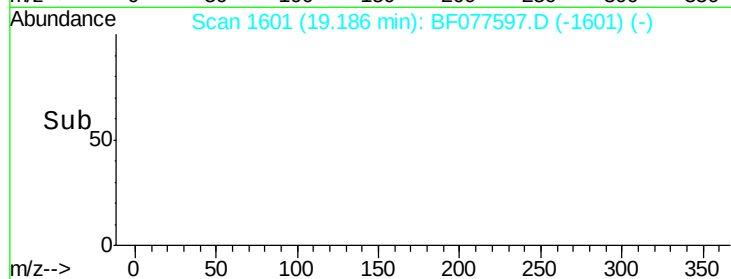
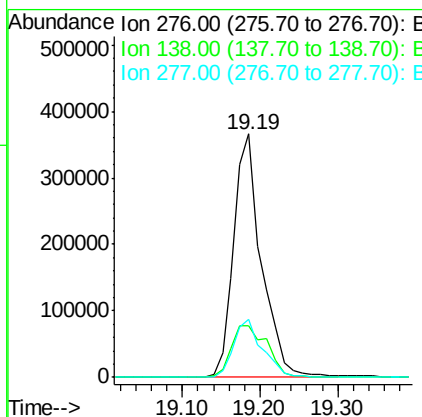
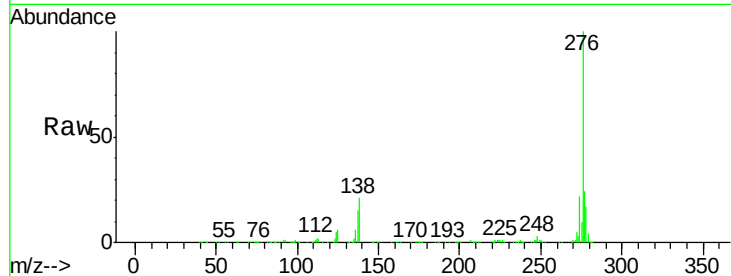
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.64 ng m  
 RT: 19.19 min Scan# 1601  
 Delta R.T. -0.10 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 0.0   | 21.2  | 31.8# |
| 277     | 0.0   | 20.0  | 30.0# |

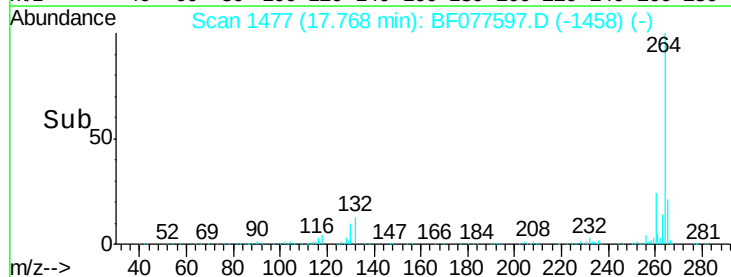
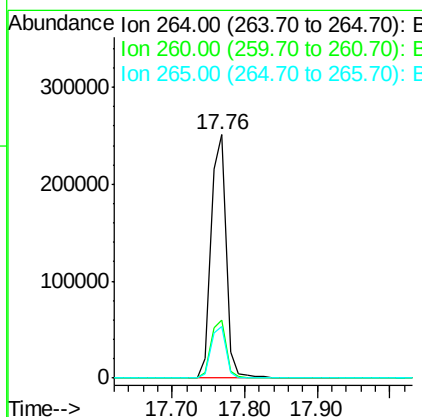
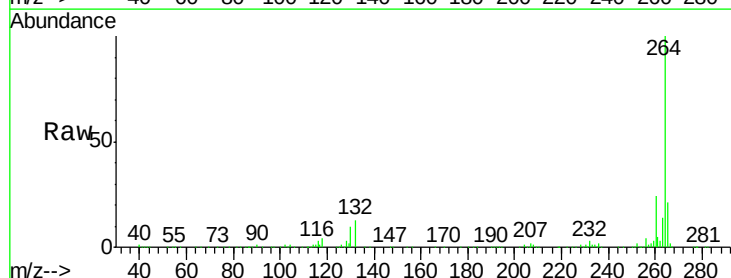
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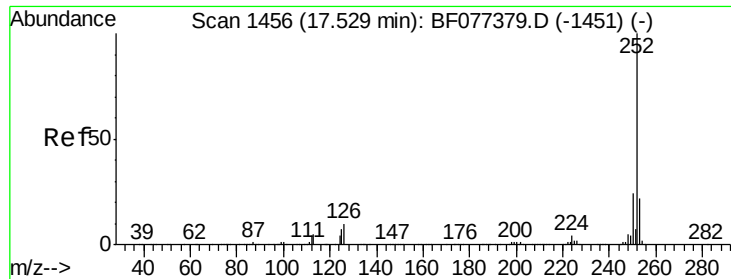
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.76 min Scan# 1477  
 Delta R.T. -0.08 min  
 Lab File: BF077597.D  
 Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.3  | 28.9  |
| 265     | 21.0  | 16.8  | 25.2  |





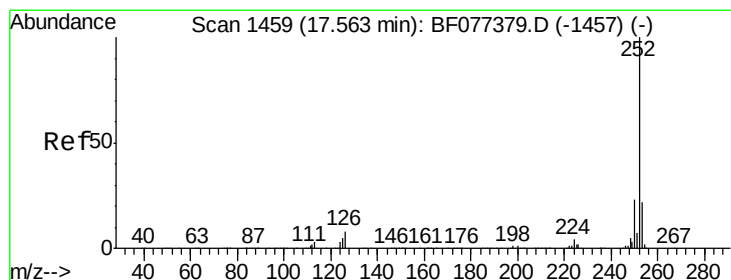
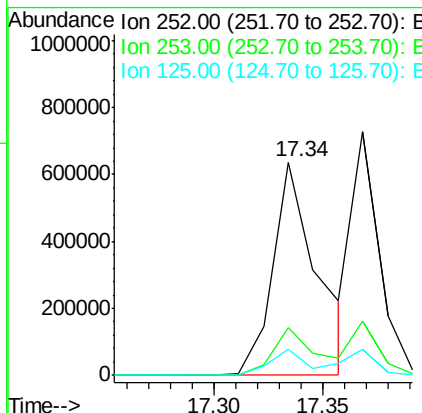
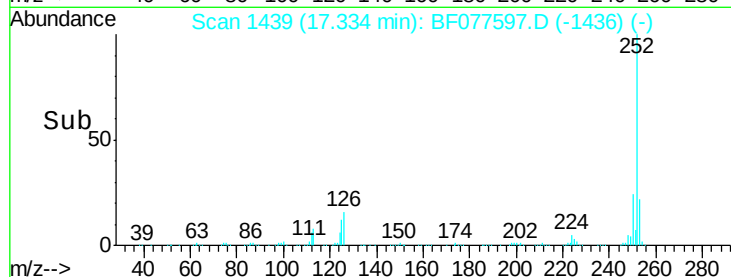
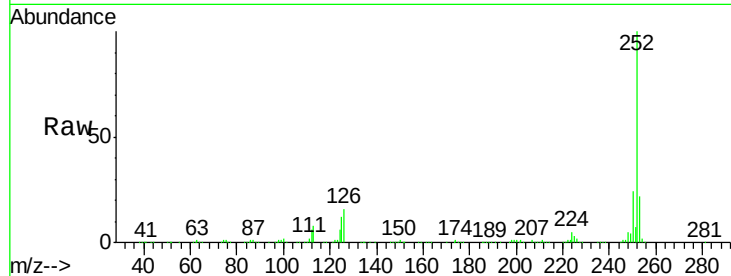
#87  
Benzo(b)fluoranthene  
Concen: 43.27 ng  
RT: 17.34 min Scan# 1439  
Delta R.T. -0.06 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.6  | 26.4  |
| 125     | 11.9  | 5.4   | 8.2   |

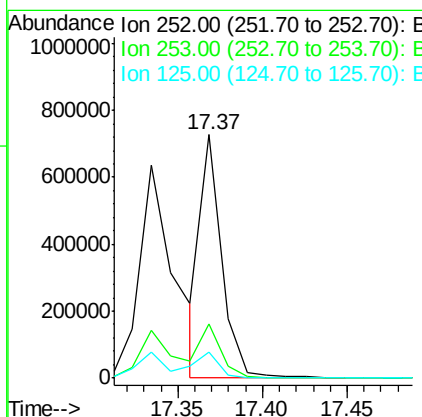
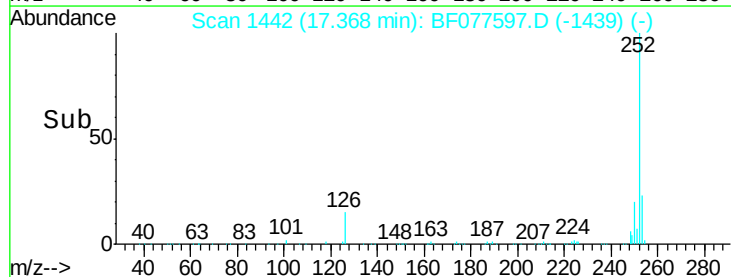
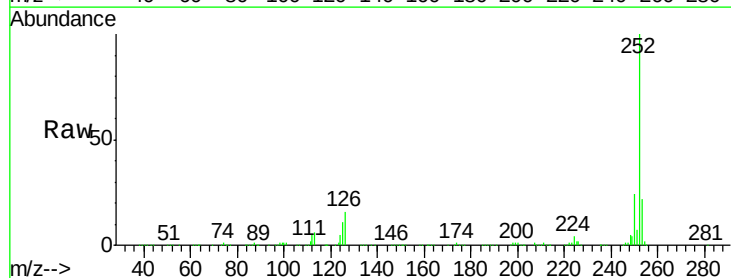
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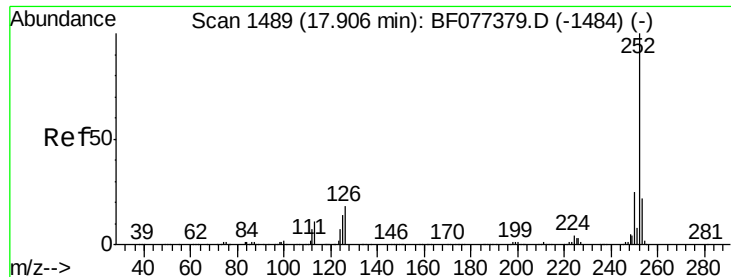


#88  
Benzo(k)fluoranthene  
Concen: 31.41 ng m  
RT: 17.37 min Scan# 1442  
Delta R.T. -0.07 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.1  | 27.1  |
| 125     | 10.5  | 10.1  | 15.1  |







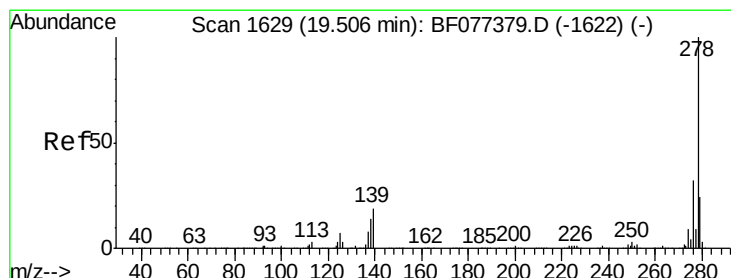
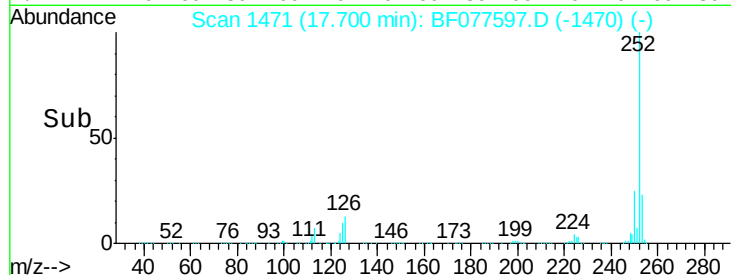
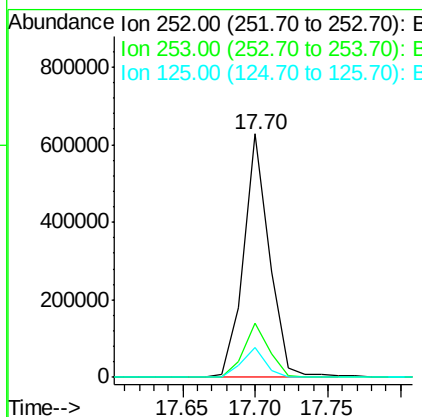
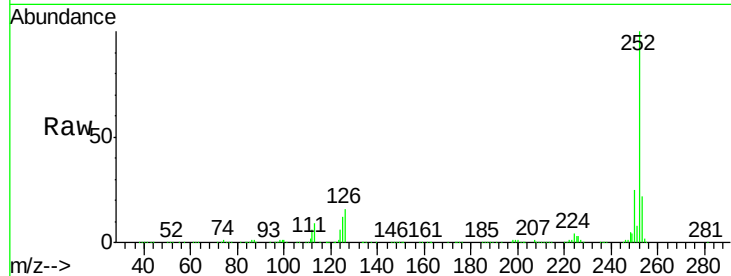
#89  
Benzo(a)pyrene  
Concen: 38.67 ng  
RT: 17.70 min Scan# 1471  
Delta R.T. -0.08 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.2  | 27.2  |
| 125     | 12.2  | 8.3   | 12.5  |

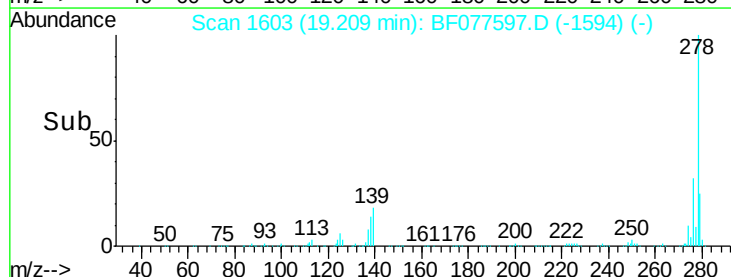
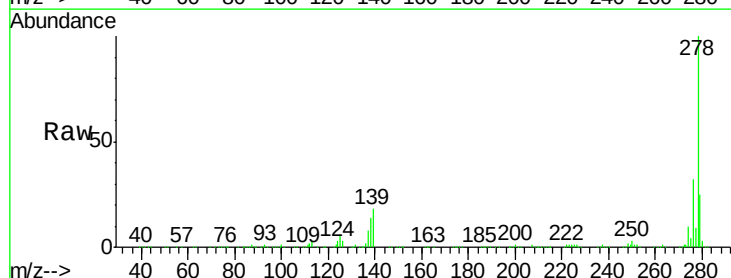
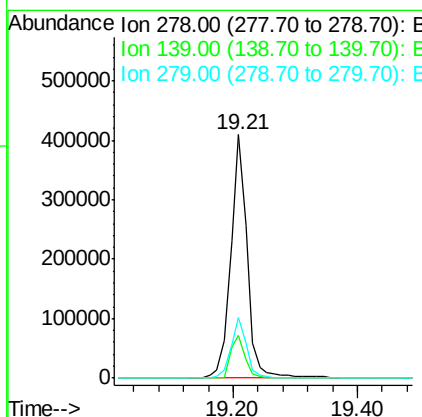
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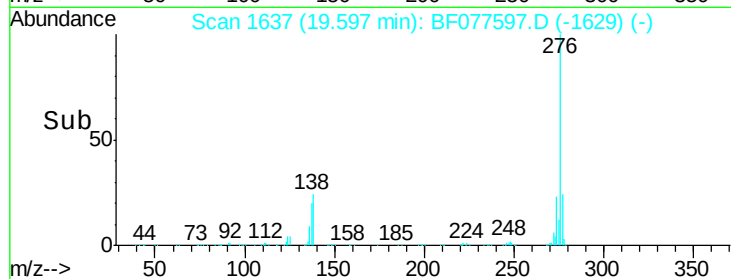
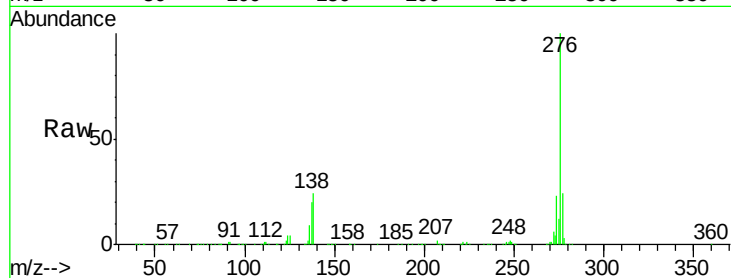
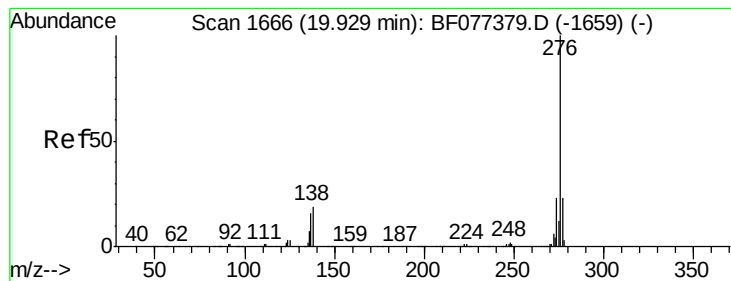
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#90  
Dibenzo(a,h)anthracene  
Concen: 39.44 ng  
RT: 19.21 min Scan# 1603  
Delta R.T. -0.10 min  
Lab File: BF077597.D  
Acq: 5 Mar 2015 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.8  | 14.3  | 21.5  |
| 279     | 24.7  | 19.0  | 28.6  |





#91

Benzo(g,h,i)perylene

Concen: 39.95 ng

RT: 19.60 min Scan# 1637

Delta R.T. -0.10 min

Lab File: BF077597.D

Acq: 5 Mar 2015 00:41

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 770357 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.9  | 18.9  | 28.3   |
| 138       | 23.9  | 20.5  | 30.7   |

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