

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\  
 Data File : BF077287.D  
 Acq On : 12 Feb 2015 15:56  
 Operator : TP/IZ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

mohammad  
 2/13/2015 5:40:01 PM

Quant Time: Feb 13 02:11:15 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 13 01:12:14 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.49  | 152  | 25850    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.41 | 136  | 112759   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.52 | 164  | 60270    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.44 | 188  | 101064   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 20.96 | 240  | 97176    | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 22.64 | 264  | 86235    | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 4.49  | 112 | 132690 | 84.32 | ng | 0.00 |
| 7) Phenol-d6             | 6.93  | 99  | 168865 | 84.97 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.82  | 82  | 170792 | 84.19 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.31 | 330 | 41880  | 85.75 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.07 | 172 | 334550 | 84.35 | ng | 0.00 |
| 78) Terphenyl-d14        | 19.70 | 244 | 355324 | 84.49 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.00  | 88  | 23212  | 34.90 | ng | 100    |
| 3) Pyridine                    | 1.41  | 79  | 66426  | 39.78 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 1.38  | 42  | 36597  | 42.04 | ng | 100    |
| 6) Aniline                     | 6.78  | 93  | 113730 | 41.61 | ng | 100    |
| 8) 2-Chlorophenol              | 7.04  | 128 | 79337  | 43.58 | ng | 100    |
| 9) Benzaldehyde                | 6.50  | 77  | 50488  | 42.39 | ng | 100    |
| 10) Phenol                     | 6.96  | 94  | 87427m | 41.43 | ng |        |
| 11) bis(2-Chloroethyl)ether    | 7.05  | 93  | 72971  | 43.84 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 7.33  | 146 | 83603  | 40.63 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.54  | 146 | 85780  | 39.51 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.85  | 146 | 82600  | 41.13 | ng | 100    |
| 15) Benzyl Alcohol             | 7.96  | 79  | 68473  | 42.73 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.30  | 45  | 93978  | 42.28 | ng | 100    |
| 17) 2-Methylphenol             | 8.33  | 107 | 60580  | 41.10 | ng | 100    |
| 18) Hexachloroethane           | 8.59  | 117 | 32244  | 42.35 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 8.59  | 70  | 58292  | 42.09 | ng | 100    |
| 20) 3+4-Methylphenols          | 8.72  | 107 | 77368m | 39.69 | ng |        |
| 22) Acetophenone               | 8.51  | 105 | 115698 | 41.96 | ng | 100    |
| 24) Nitrobenzene               | 8.85  | 77  | 82193  | 39.92 | ng | 100    |
| 25) Isophorone                 | 9.46  | 82  | 149328 | 40.67 | ng | 100    |
| 26) 2-Nitrophenol              | 9.60  | 139 | 38478  | 40.27 | ng | 100    |
| 27) 2,4-Dimethylphenol         | 9.90  | 122 | 68129  | 42.68 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 10.10 | 93  | 93936  | 44.50 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.21 | 162 | 67051m | 44.60 | ng |        |
| 30) 1,2,4-Trichlorobenzene     | 10.33 | 180 | 68588  | 41.75 | ng | 100    |
| 31) Naphthalene                | 10.45 | 128 | 227636 | 39.75 | ng | 100    |
| 32) Benzoic acid               | 10.32 | 122 | 10820  | 13.84 | ng | 100    |
| 33) 4-Chloroaniline            | 10.73 | 127 | 94838  | 40.61 | ng | 100    |
| 34) Hexachlorobutadiene        | 10.83 | 225 | 37006  | 38.37 | ng | 100    |
| 35) Caprolactam                | 11.61 | 113 | 17836  | 41.04 | ng | 100    |
| 36) 4-Chloro-3-methylphenol    | 12.04 | 107 | 67954  | 39.88 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.11 | 142 | 164549 | 41.48 | ng | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.51 | 216 | 63838  | 42.56 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.50 | 237 | 26646  | 44.60 | ng | 100    |

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 SSTDICCC040

Manual Integrations  
 APPROVED

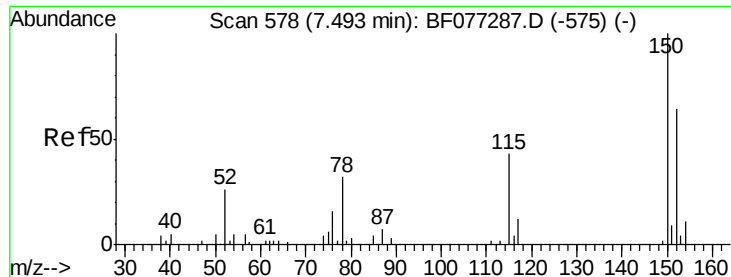
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 2/13/2015 5:40:01 PM

Quant Time: Feb 13 02:11:15 2015  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.88 | 196  | 40220    | 37.83 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 12.98 | 196  | 42496m   | 38.78 | nq    |          |
| 45) 1,1'-Biphenyl              | 13.27 | 154  | 193142   | 43.14 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 13.24 | 162  | 151721   | 41.27 | nq    | 100      |
| 47) 2-Nitroaniline             | 13.60 | 65   | 47808    | 42.89 | nq    | 100      |
| 48) Acenaphthylene             | 14.18 | 152  | 241725   | 39.43 | nq    | 100      |
| 49) Dimethylphthalate          | 14.16 | 163  | 180501   | 42.09 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.25 | 165  | 35689    | 42.16 | nq    | 100      |
| 51) Acenaphthene               | 14.60 | 154  | 139739   | 40.01 | nq    | 100      |
| 52) 3-Nitroaniline             | 14.59 | 138  | 43198    | 42.43 | nq    | 100      |
| 53) 2,4-Dinitrophenol          | 14.90 | 184  | 7967     | 29.30 | nq    | 100      |
| 54) Dibenzofuran               | 15.03 | 168  | 214667   | 41.82 | nq    | 100      |
| 55) 4-Nitrophenol              | 15.25 | 139  | 19988    | 30.87 | nq    | 100      |
| 56) 2,4-Dinitrotoluene         | 15.19 | 165  | 50858    | 44.11 | nq    | 100      |
| 57) Fluorene                   | 15.81 | 166  | 176839   | 40.82 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.40 | 232  | 28969    | 36.20 | nq    | # 100    |
| 59) Diethylphthalate           | 15.83 | 149  | 191433   | 43.92 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.92 | 204  | 73691    | 41.46 | nq    | 100      |
| 61) 4-Nitroaniline             | 15.99 | 138  | 41056    | 41.82 | nq    | 100      |
| 62) Azobenzene                 | 16.21 | 77   | 174390m  | 39.17 | nq    |          |
| 64) 4,6-Dinitro-2-methylphenol | 16.07 | 198  | 23109    | 45.24 | nq    | 100      |
| 65) n-Nitrosodiphenylamine     | 16.18 | 169  | 148712   | 41.57 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.80 | 248  | 44028    | 43.13 | nq    | 100      |
| 67) Hexachlorobenzene          | 16.81 | 284  | 44835    | 41.61 | nq    | 100      |
| 68) Atrazine                   | 17.20 | 200  | 44494    | 41.41 | nq    | 100      |
| 69) Pentachlorophenol          | 17.21 | 266  | 11316m   | 29.49 | nq    |          |
| 70) Phenanthrene               | 17.47 | 178  | 252312   | 40.30 | nq    | 100      |
| 71) Anthracene                 | 17.55 | 178  | 256890   | 41.79 | nq    | 100      |
| 72) Carbazole                  | 17.85 | 167  | 243458   | 41.11 | nq    | 100      |
| 73) Di-n-butylphthalate        | 18.45 | 149  | 308754   | 44.52 | nq    | 100      |
| 74) Fluoranthene               | 19.13 | 202  | 258179   | 40.45 | nq    | 100      |
| 76) Benzidine                  | 19.38 | 184  | 145768   | 45.71 | nq    | 100      |
| 77) Pyrene                     | 19.41 | 202  | 259748   | 39.70 | nq    | 100      |
| 79) Butylbenzylphthalate       | 20.36 | 149  | 138888   | 45.96 | nq    | 100      |
| 80) Benzo(a)anthracene         | 20.95 | 228  | 249961   | 41.35 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 20.96 | 252  | 91070    | 46.39 | nq    | 100      |
| 82) Chrysene                   | 20.99 | 228  | 216421   | 39.58 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.11 | 149  | 199499   | 47.02 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 21.88 | 149  | 354417   | 48.09 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 23.78 | 276  | 221103   | 38.40 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 22.21 | 252  | 223181   | 38.40 | nq    | 100      |
| 88) Benzo(k)fluoranthene       | 22.25 | 252  | 214527m  | 42.80 | nq    |          |
| 89) Benzo(a)pyrene             | 22.57 | 252  | 210486   | 41.27 | nq    | 100      |
| 90) Dibenzo(a,h)anthracene     | 23.80 | 278  | 181919   | 39.21 | nq    | 100      |
| 91) Benzo(g,h,i)perylene       | 24.04 | 276  | 180784   | 39.21 | nq    | 100      |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

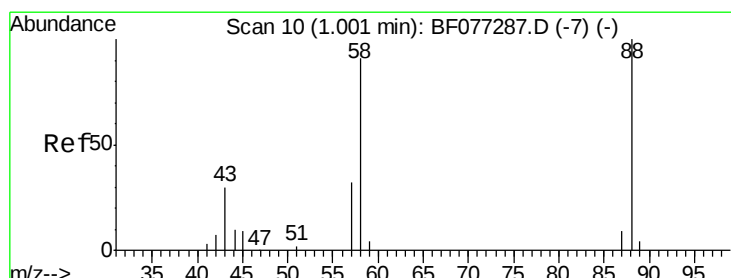
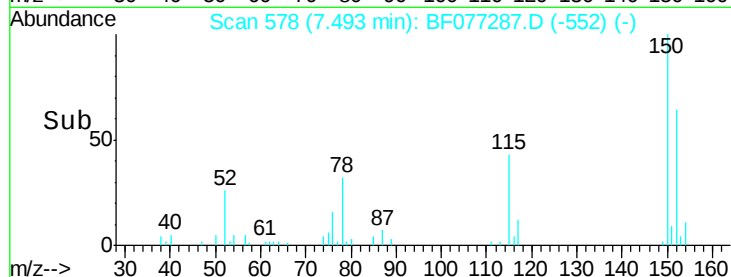
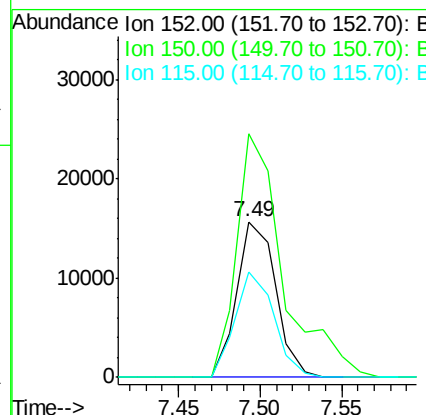
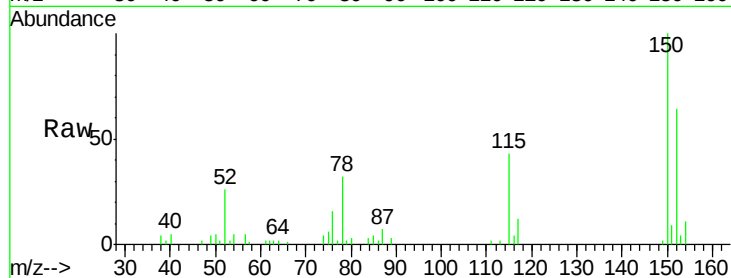
LabSampleId :

SSTDICCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 152   | Resp: | 25850 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 156.1 | 124.9 | 187.3 |
| 115      | 67.6  | 54.1  | 81.1  |

Manual Integrations  
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#2

1,4-Dioxane

Concen: 34.90 ng

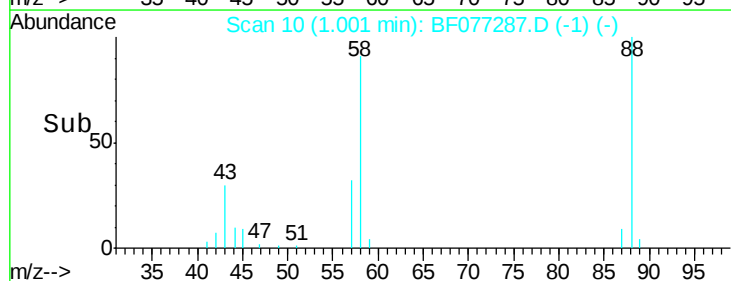
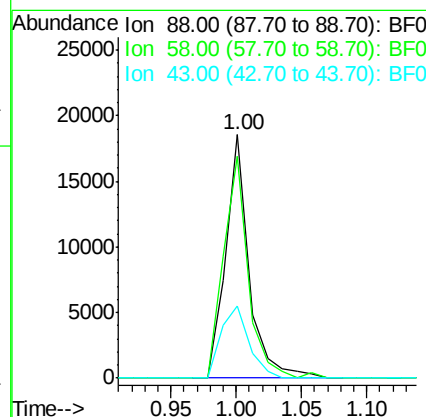
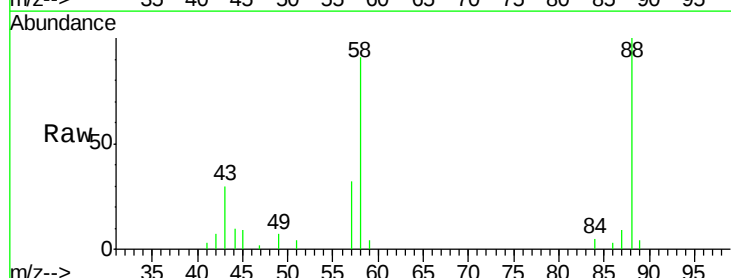
RT: 1.00 min Scan# 10

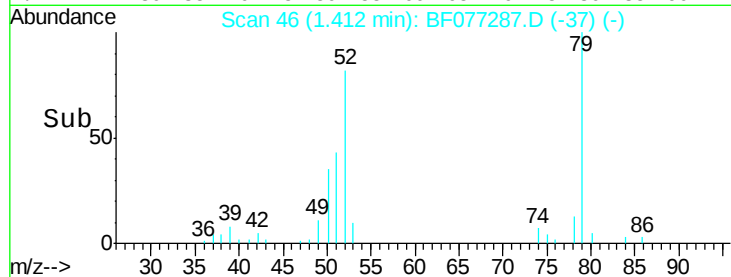
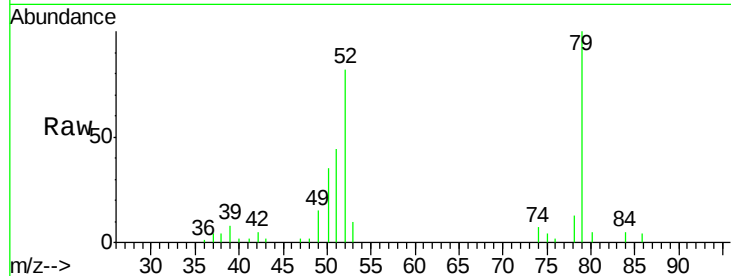
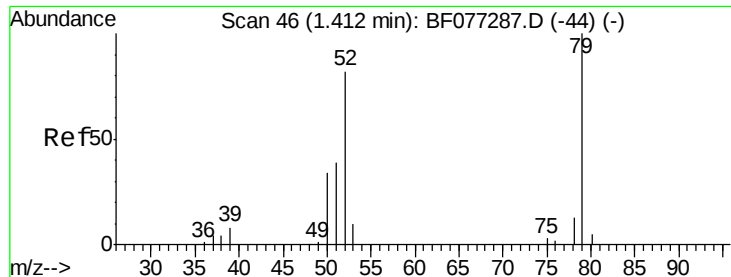
Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 23212 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 58       | 96.3  | 77.0  | 115.6 |
| 43       | 35.1  | 28.1  | 42.1  |





#3

Pvridine

Concen: 39.78 ng

RT: 1.41 min Scan# 46

Delta R.T. 0.00 min

Lab File: BF077287.D

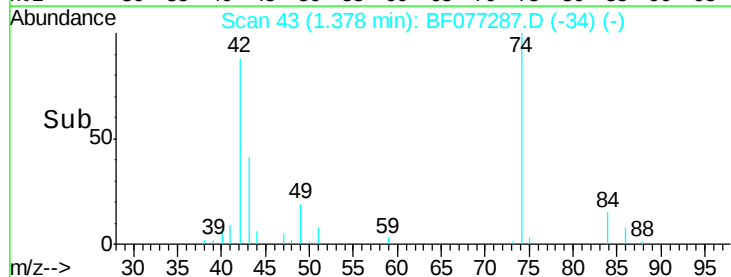
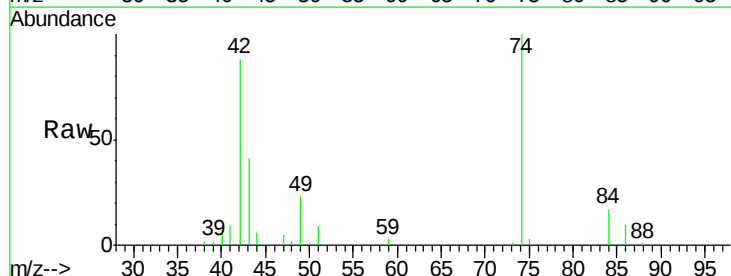
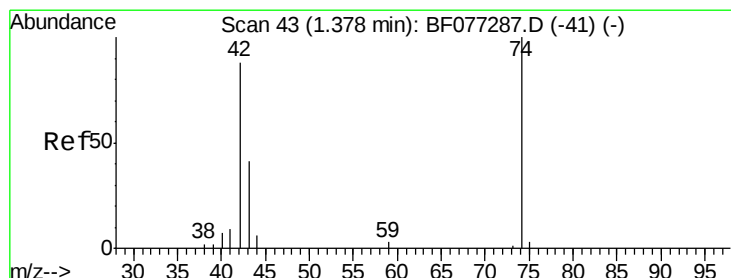
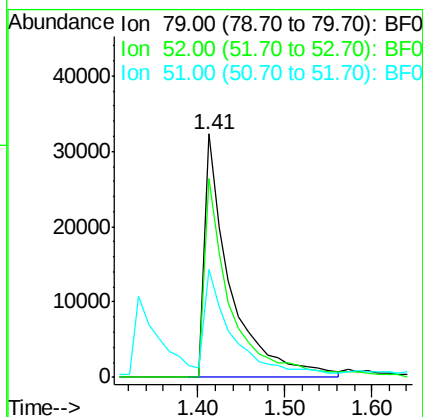
Acq: 12 Feb 2015 15:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 66426 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 81.6  | 65.3  | 97.9  |
| 51       | 44.2  | 35.4  | 53.0  |

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#4

n-Nitrosodimethylamine

Concen: 42.04 ng

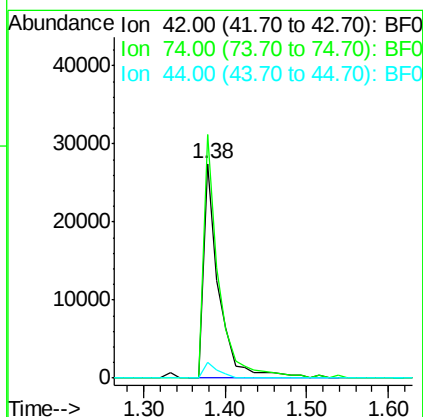
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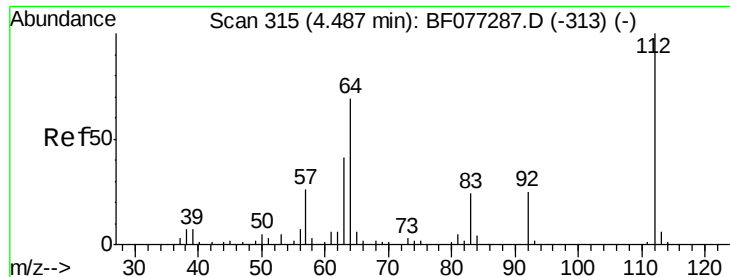
Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 36597 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 113.5 | 90.8  | 136.2 |
| 44       | 7.2   | 5.8   | 8.6   |





#5

2-Fluorophenol

Concen: 84.32 ng

RT: 4.49 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

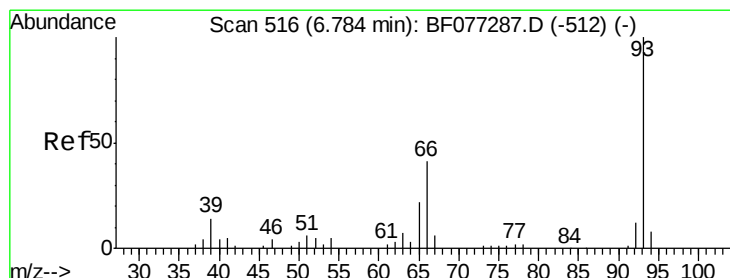
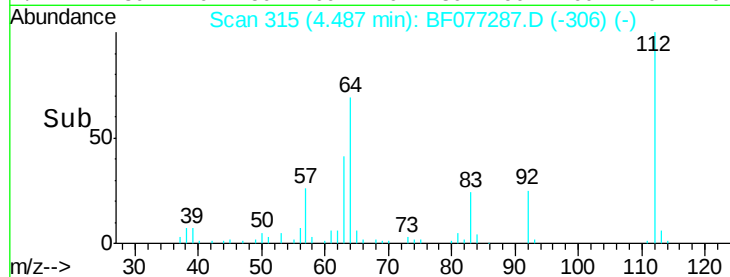
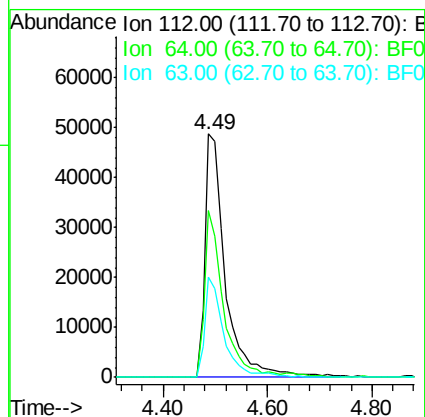
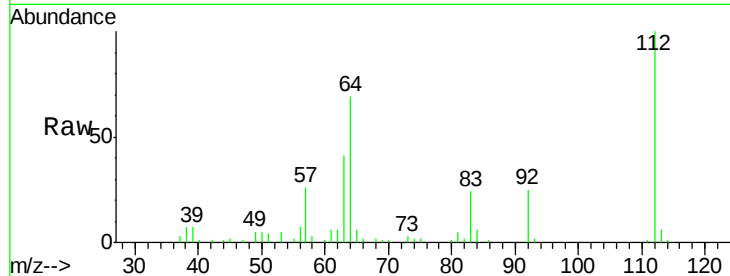
LabSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 132690 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 68.7  | 55.0  | 82.4   |
| 63        | 41.3  | 33.0  | 49.6   |

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#6

Aniline

Concen: 41.61 ng

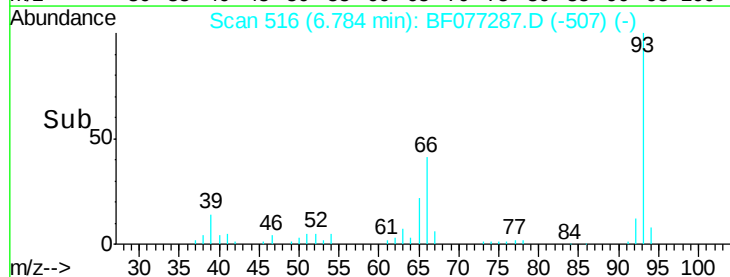
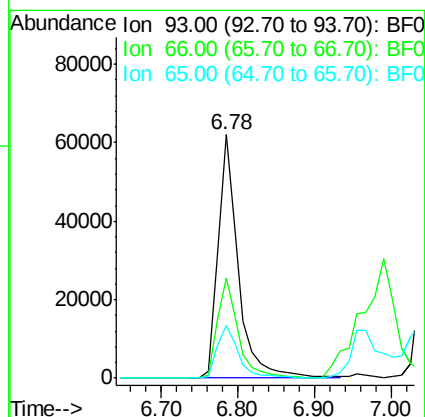
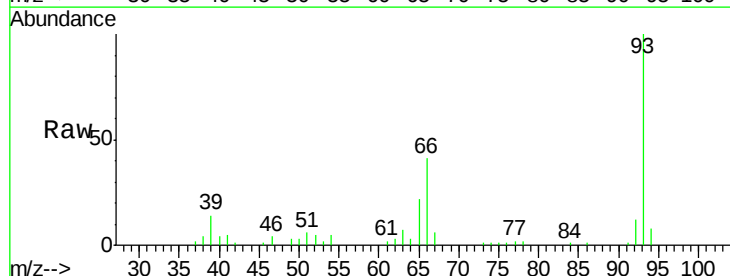
RT: 6.78 min Scan# 516

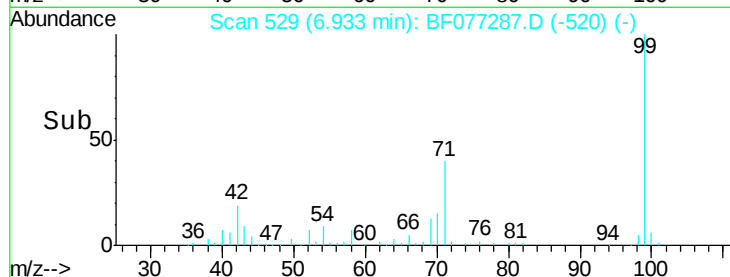
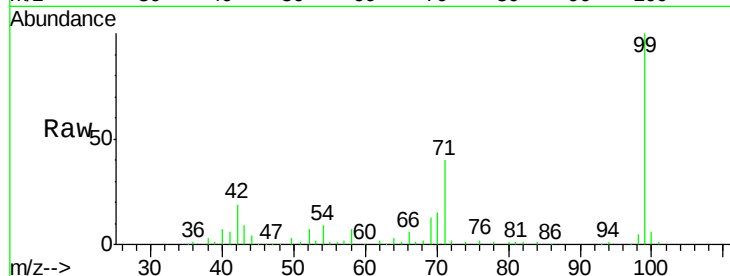
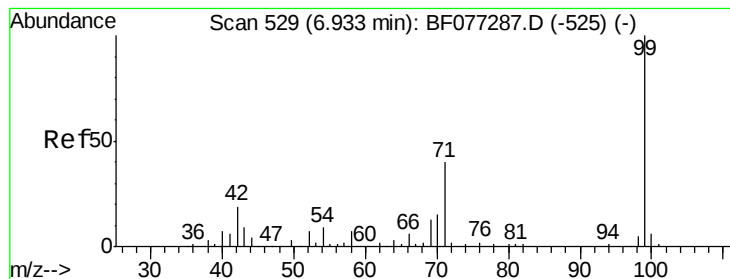
Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 113730 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.4  | 33.1  | 49.7   |
| 65        | 21.5  | 17.2  | 25.8   |





#7

Phenol-d6

Concen: 84.97 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 168865 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.7  | 15.0  | 22.4   |
| 71        | 39.7  | 31.8  | 47.6   |

Instrument :

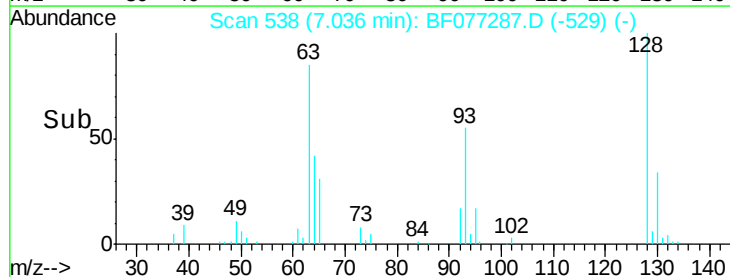
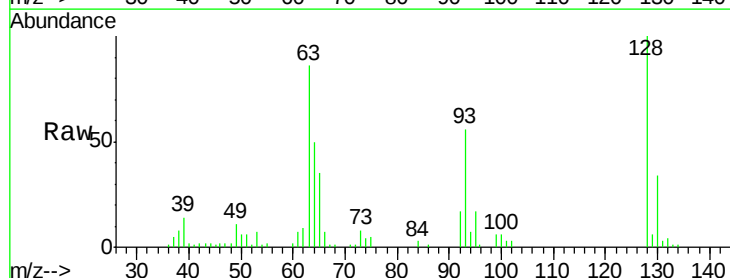
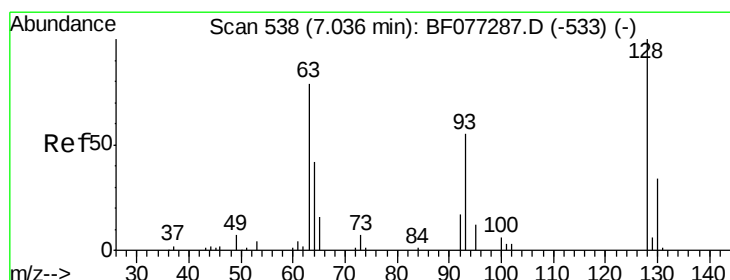
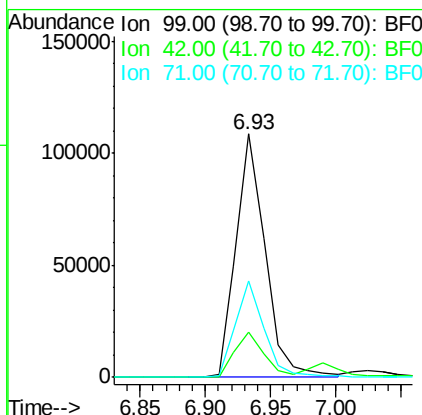
BNA\_F

LabSampleId :

SSTDICCC040

Manual Integrations  
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#8

2-Chlorophenol

Concen: 43.58 ng

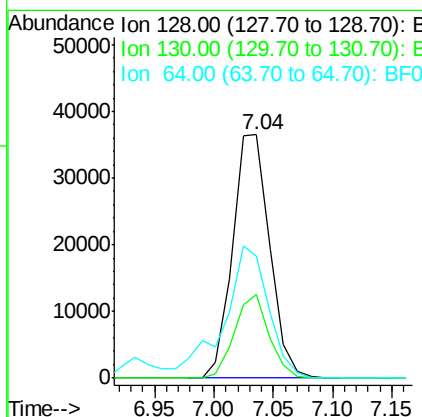
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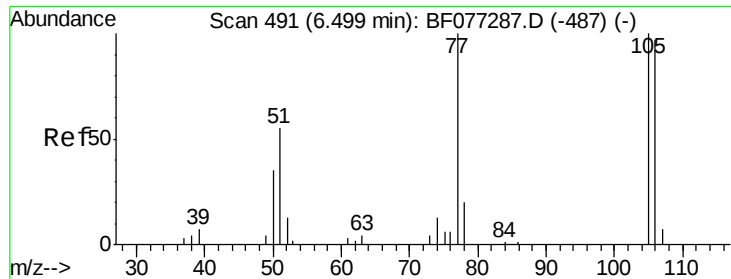
Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 79337 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 34.4  | 14.4  | 54.4  |
| 64        | 50.4  | 30.4  | 70.4  |





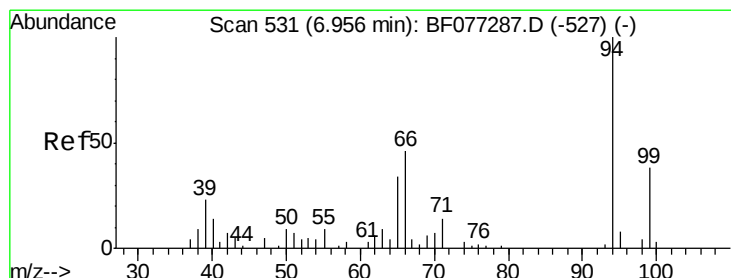
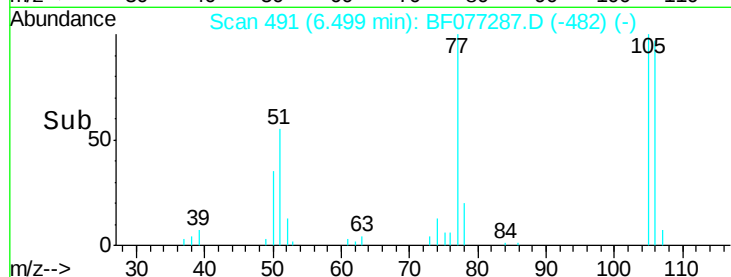
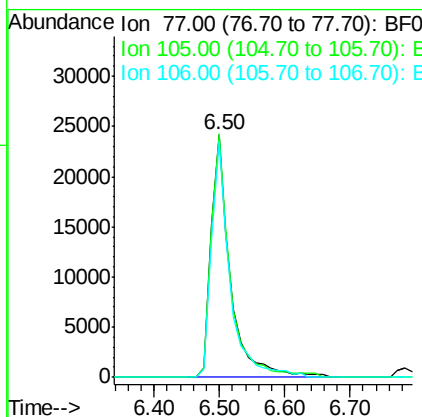
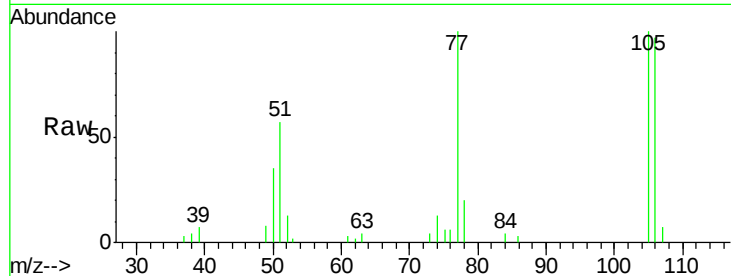
#9  
Benzaldehyde  
Concen: 42.39 ng  
RT: 6.50 min Scan# 491  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 100.4 | 80.4  | 120.4 |
| 106     | 97.5  | 77.5  | 117.5 |

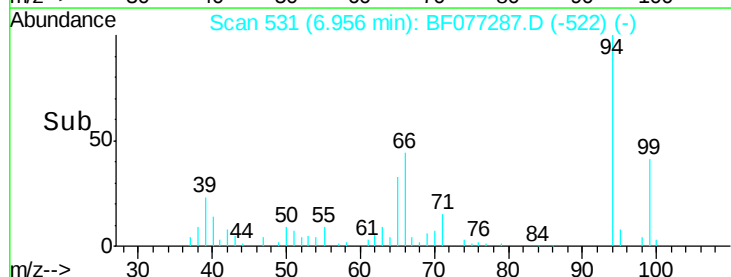
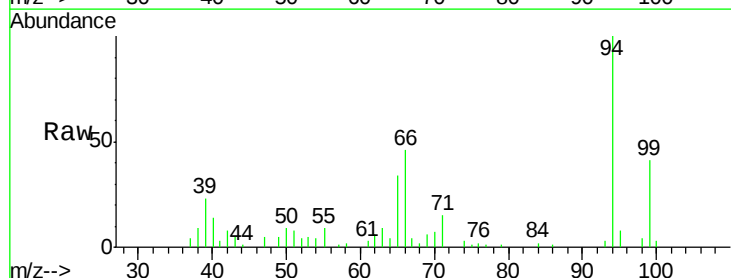
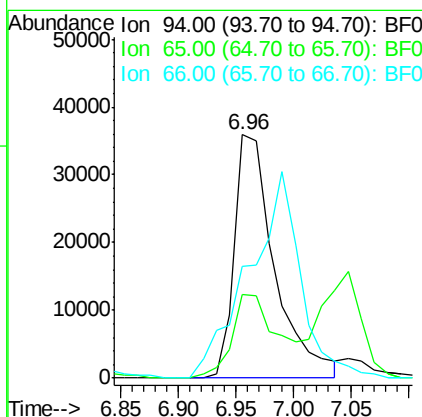
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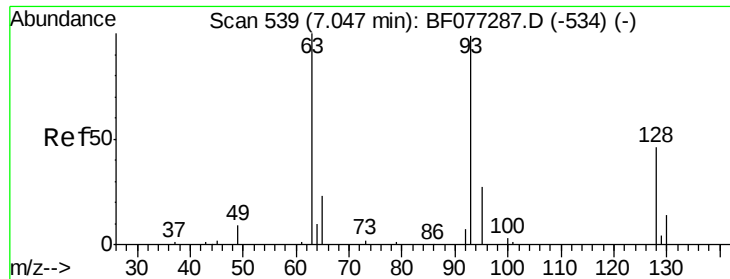
mohammad  
2/13/2015 5:40:01 PM



#10  
Phenol  
Concen: 41.43 ng m  
RT: 6.96 min Scan# 531  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 34.2  | 14.2  | 54.2  |
| 66      | 45.7  | 25.7  | 65.7  |





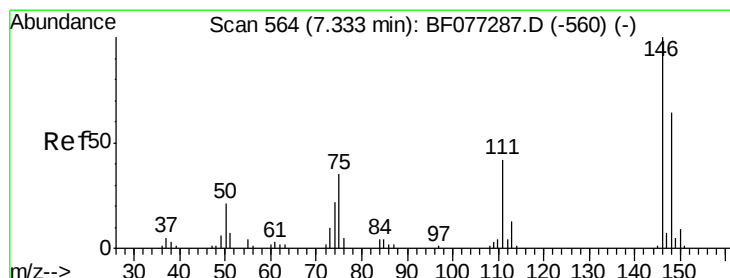
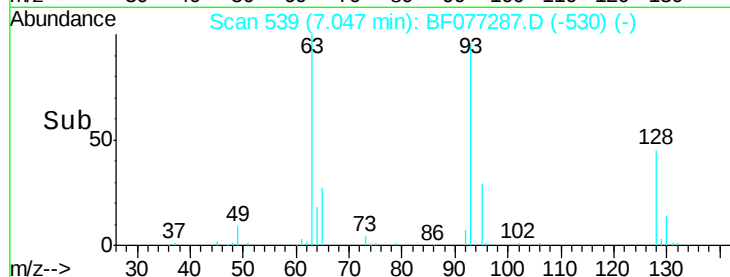
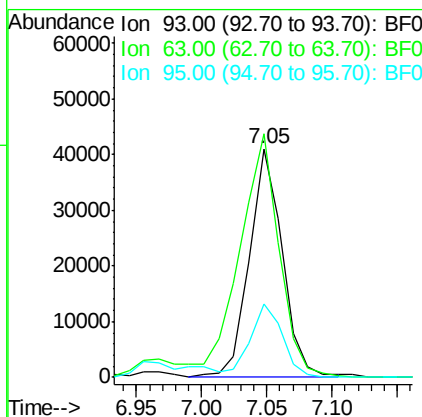
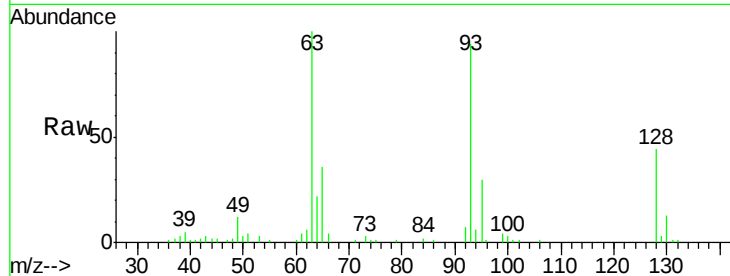
#11  
bis(2-Chloroethyl)ether  
Concen: 43.84 ng  
RT: 7.05 min Scan# 539  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 106.6 | 86.6  | 126.6 |
| 95      | 32.0  | 12.0  | 52.0  |

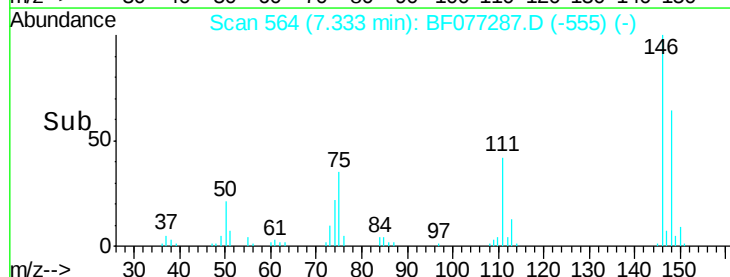
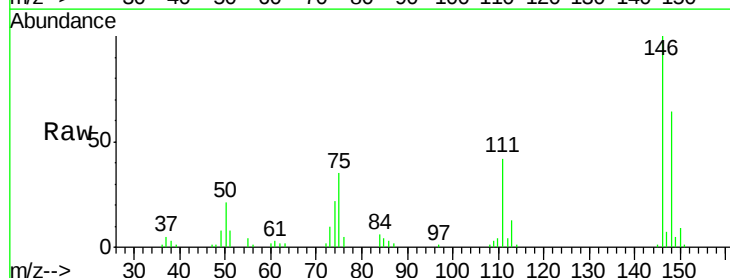
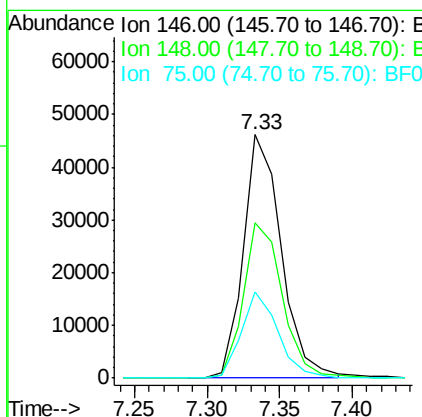
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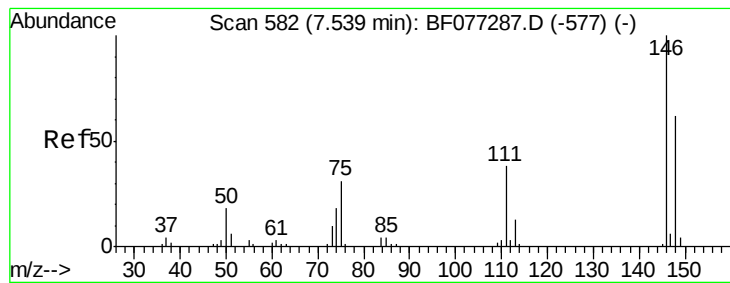
mohammad  
2/13/2015 5:40:01 PM



#12  
1,3-Dichlorobenzene  
Concen: 40.63 ng  
RT: 7.33 min Scan# 564  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 50.9  | 76.3  |
| 75      | 35.1  | 28.1  | 42.1  |





#13

1,4-Dichlorobenzene

Concen: 39.51 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

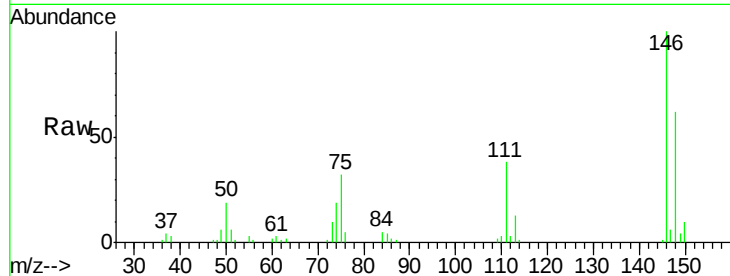
LabSampleId :

SSTDICCC040

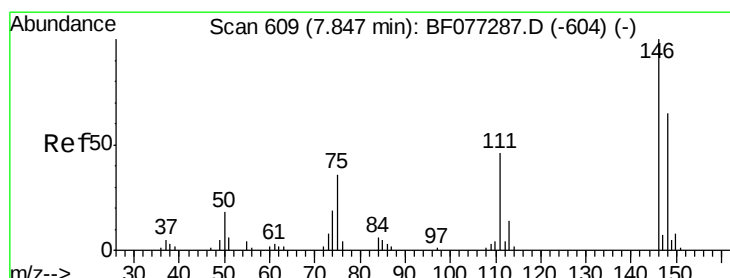
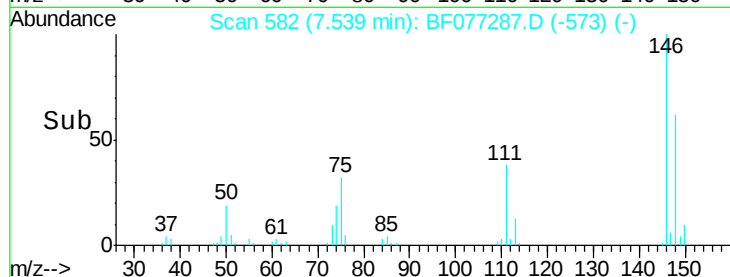
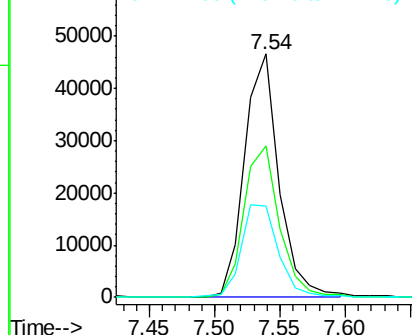
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 85780 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 62.2  | 49.8  | 74.6  |
| 111       | 37.7  | 30.2  | 45.2  |

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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: 41.13 ng

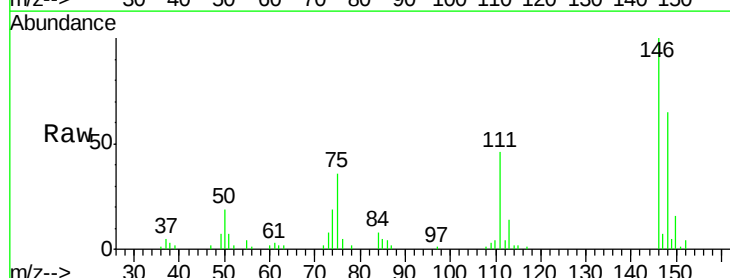
RT: 7.85 min Scan# 609

Delta R.T. 0.00 min

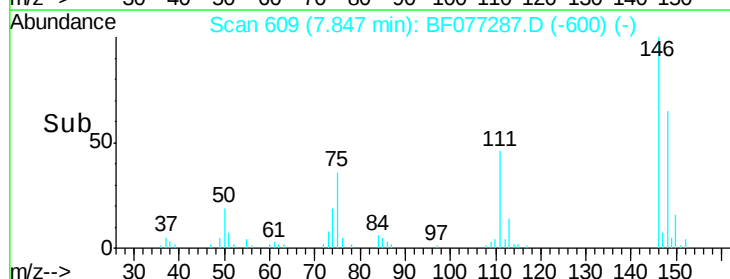
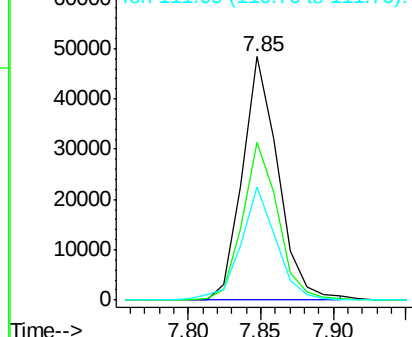
Lab File: BF077287.D

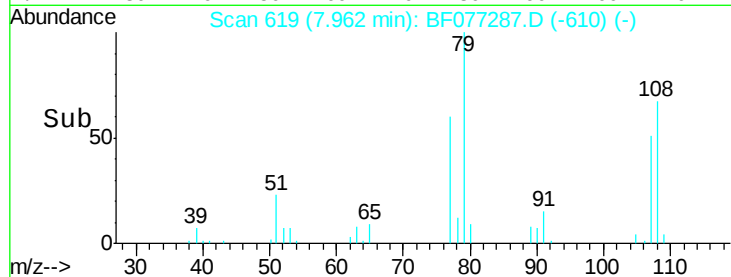
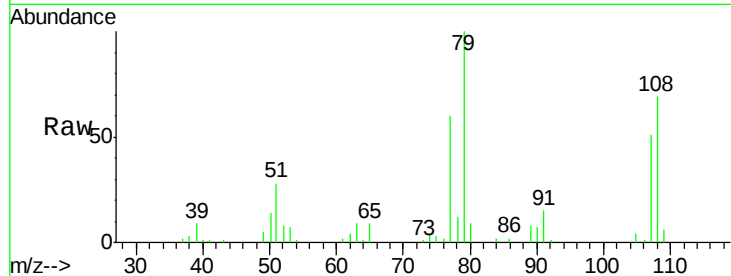
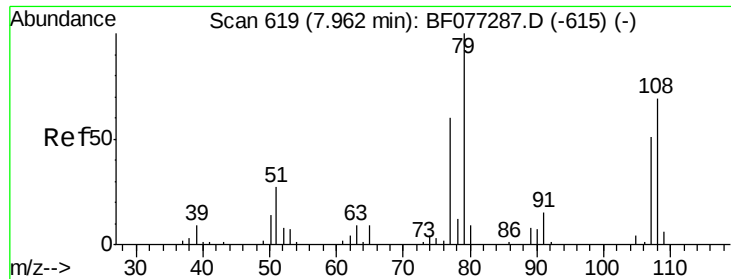
Acq: 12 Feb 2015 15:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 82600 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 65.0  | 52.0  | 78.0  |
| 111       | 46.2  | 37.0  | 55.4  |



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: 42.73 ng

RT: 7.96 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 68473 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 68.5  | 54.8  | 82.2  |
| 77        | 60.0  | 48.0  | 72.0  |

Instrument :

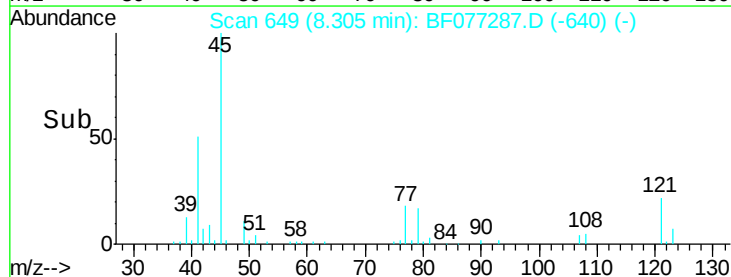
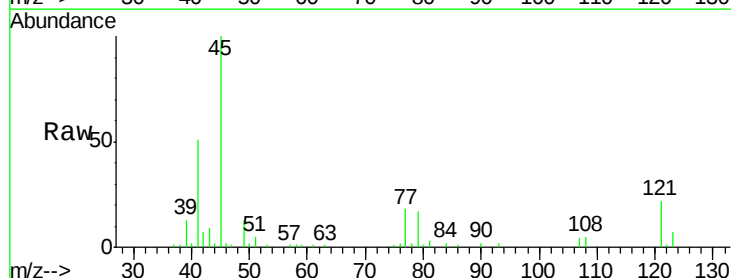
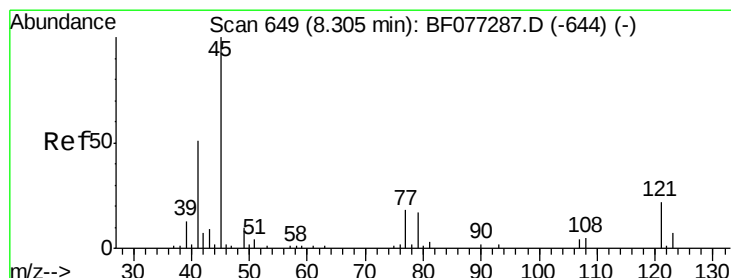
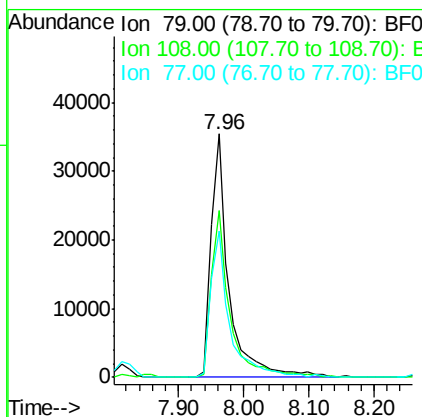
BNA\_F

LabSampleId :

SSTDICCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.28 ng

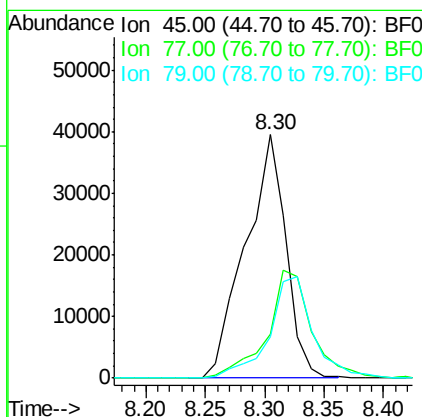
RT: 8.30 min Scan# 649

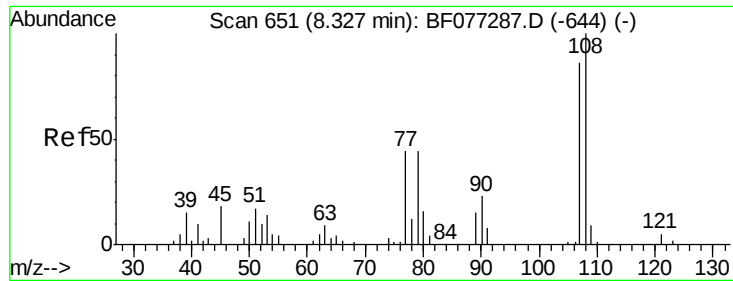
Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 93978 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 18.2  | 0.0   | 38.2  |
| 79        | 17.0  | 0.0   | 37.0  |





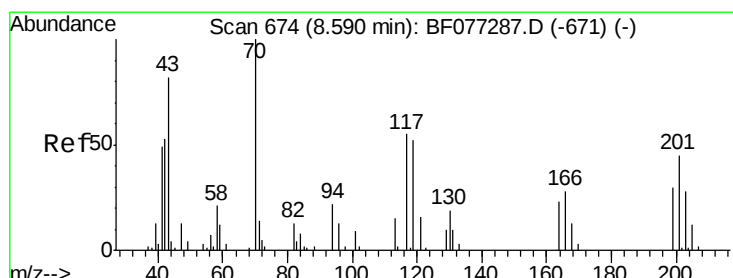
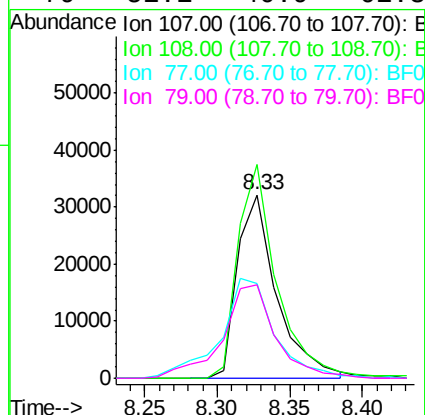
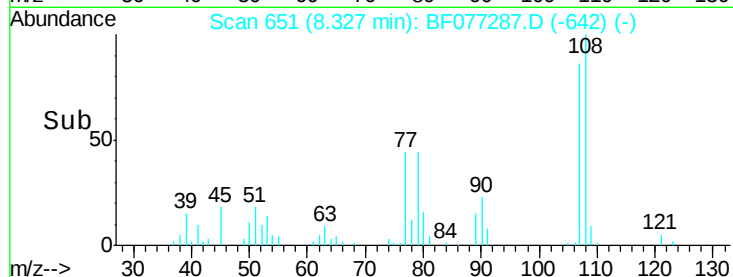
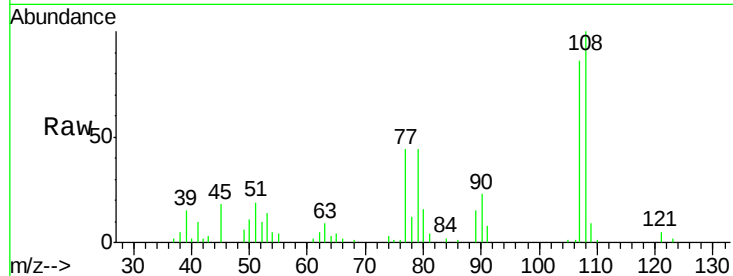
#17  
2-Methylphenol  
Concen: 41.10 ng  
RT: 8.33 min Scan# 651  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 116.5 | 93.2 | 139.8 |       |
| 77      | 51.6  | 41.3 | 61.9  |       |
| 79      | 51.1  | 40.9 | 61.3  |       |

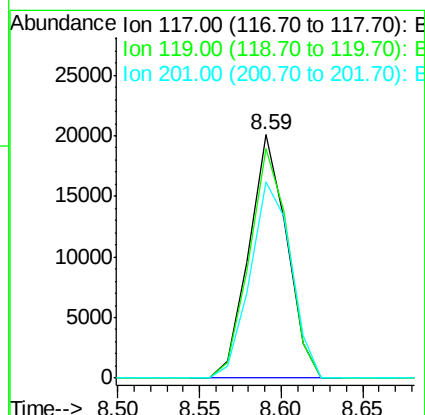
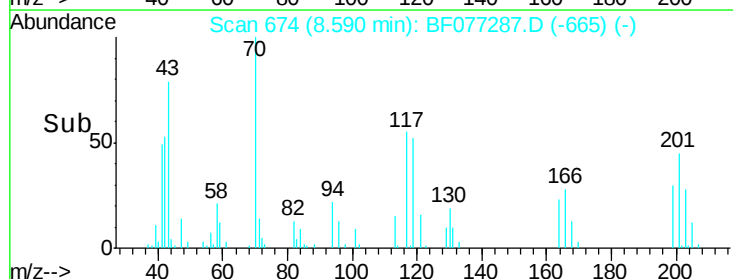
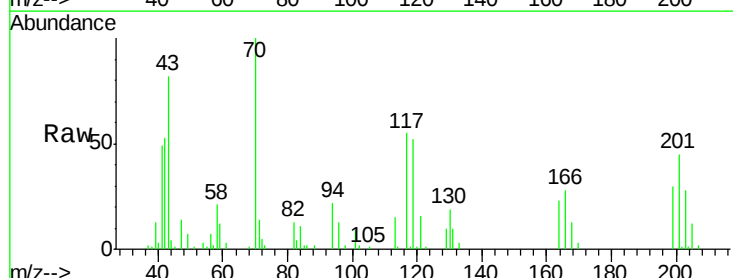
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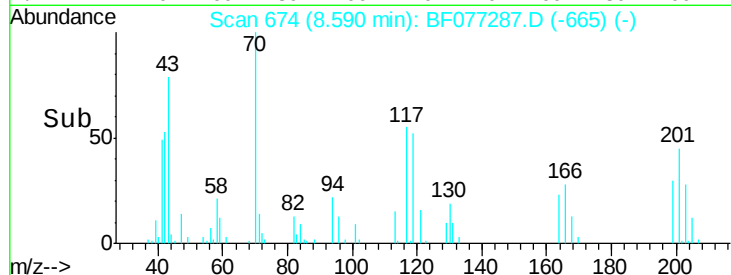
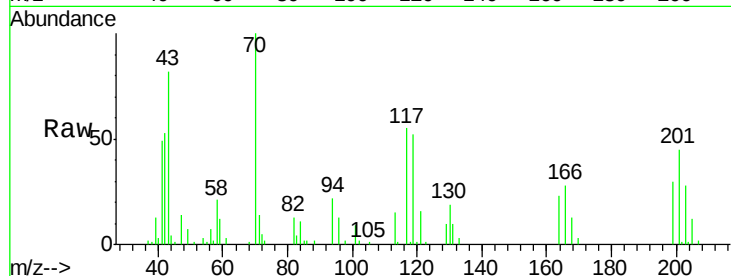
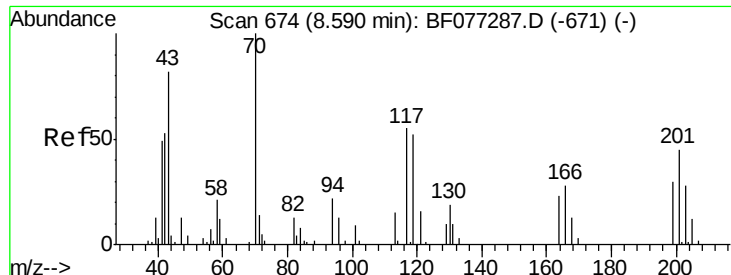
mohammad  
2/13/2015 5:40:01 PM



#18  
Hexachloroethane  
Concen: 42.35 ng  
RT: 8.59 min Scan# 674  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.4  | 75.5 | 113.3 |       |
| 201     | 80.4  | 64.3 | 96.5  |       |





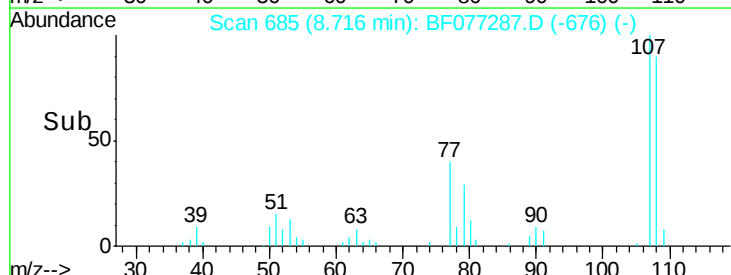
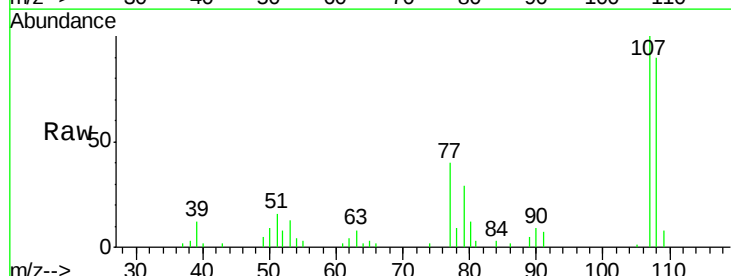
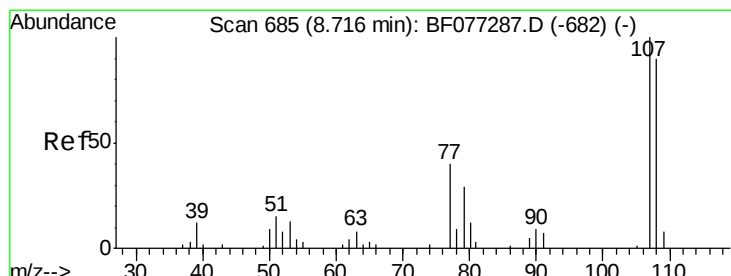
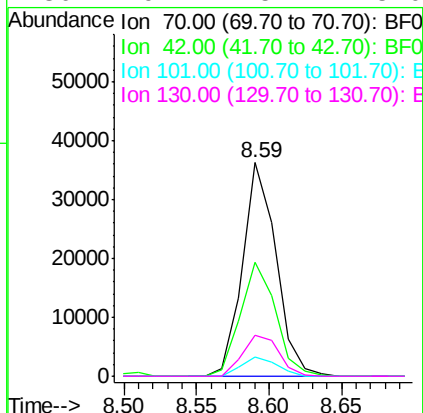
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.09 ng  
RT: 8.59 min Scan# 674  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

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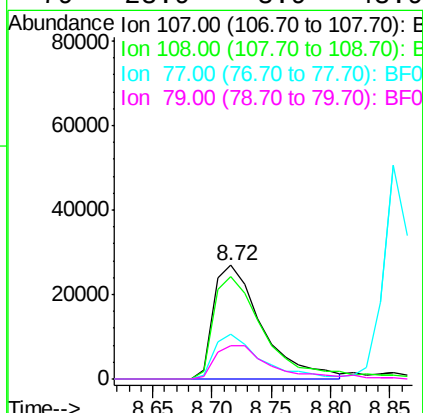
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2/13/2015 5:40:01 PM

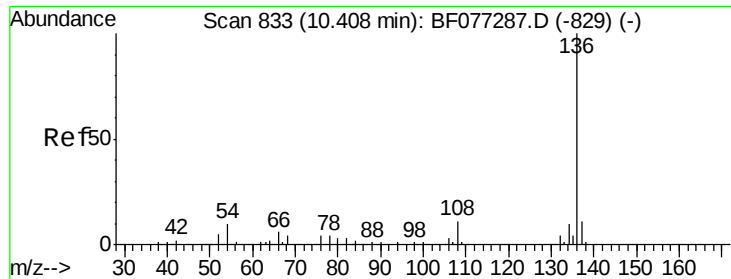
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 53.5 | 42.8  | 64.2  |       |
| 101     | 9.3  | 7.4   | 11.2  |       |
| 130     | 19.2 | 15.4  | 23.0  |       |



#20  
3+4-Methylphenols  
Concen: 39.69 ng m  
RT: 8.72 min Scan# 685  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 89.7 | 69.7  | 109.7 |       |
| 77      | 39.5 | 19.5  | 59.5  |       |
| 79      | 28.9 | 8.9   | 48.9  |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.41 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF077287.D

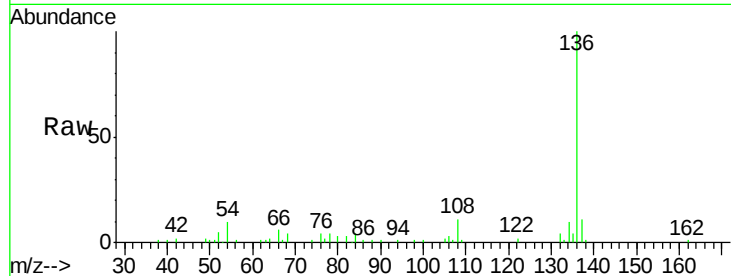
Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

LabSampleId :

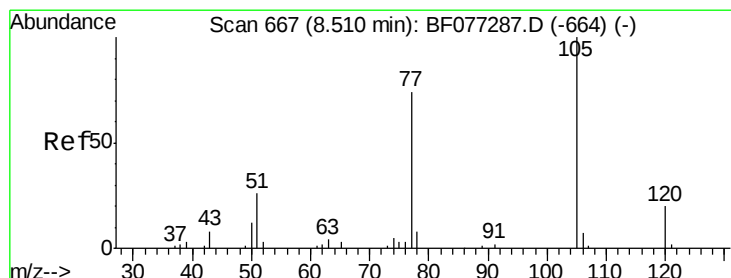
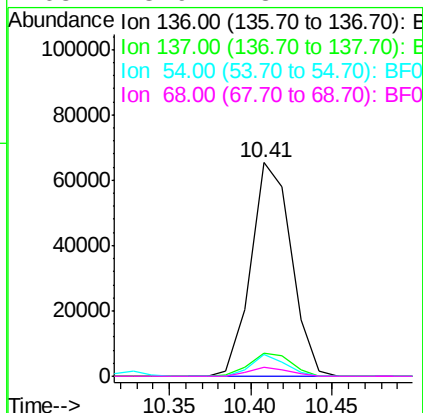
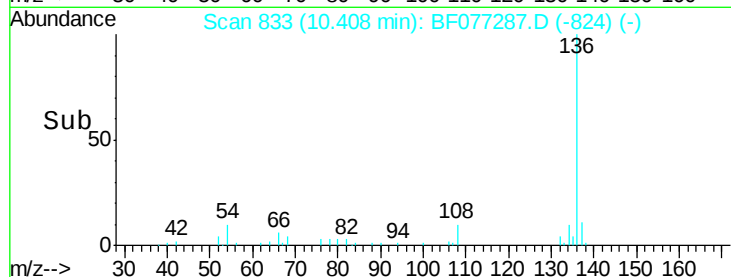
SSTDICCC040



| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 112759 |       |       |
| 137     | 10.9  |        | 8.7   | 13.1  |
| 54      | 10.2  |        | 8.2   | 12.2  |
| 68      | 3.9   |        | 3.1   | 4.7   |

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#22

Acetophenone

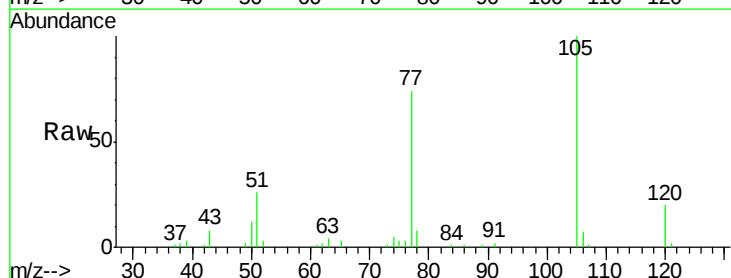
Concen: 41.96 ng

RT: 8.51 min Scan# 667

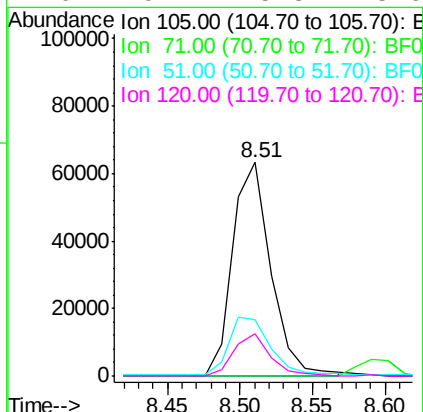
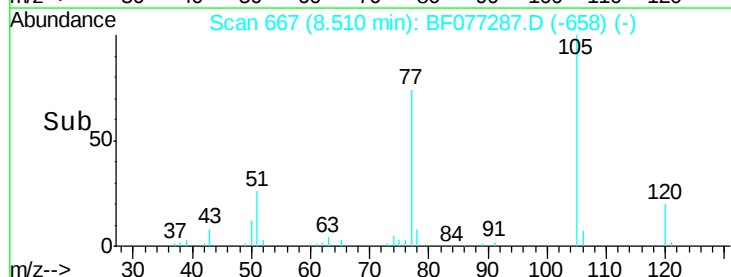
Delta R.T. 0.00 min

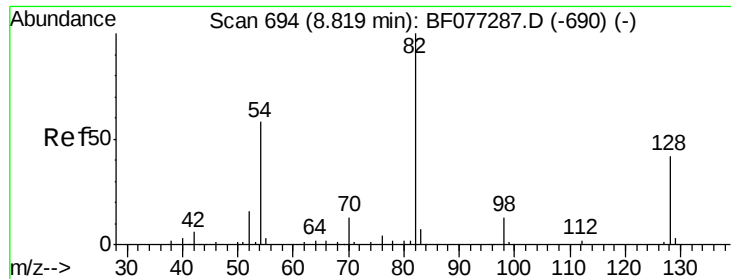
Lab File: BF077287.D

Acq: 12 Feb 2015 15:56



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 115698 |       |       |
| 71      | 0.0   |        | 0.0   | 0.0   |
| 51      | 26.3  |        | 21.0  | 31.6  |
| 120     | 19.7  |        | 15.8  | 23.6  |





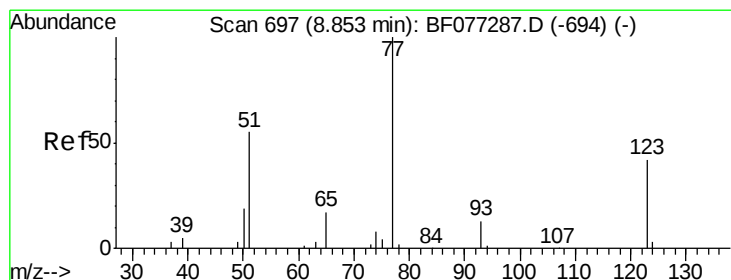
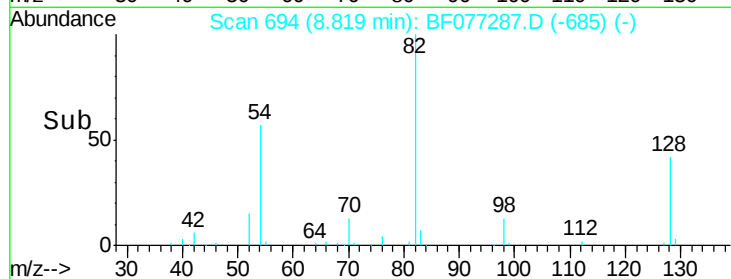
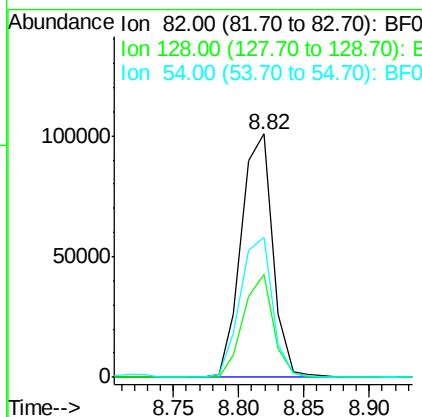
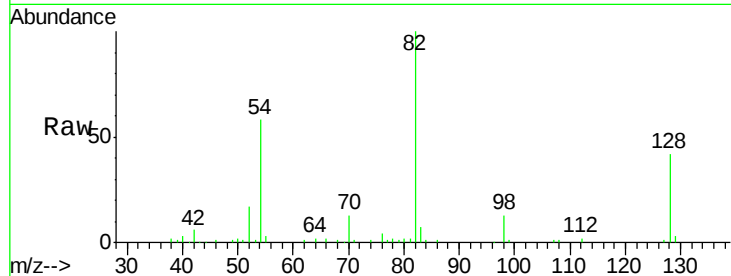
#23  
 Nitrobenzene-d5  
 Concen: 84.19 ng  
 RT: 8.82 min Scan# 694  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 170792 |       |       |
| 128     | 42.0  | 33.6   | 50.4  |       |
| 54      | 57.7  | 46.2   | 69.2  |       |

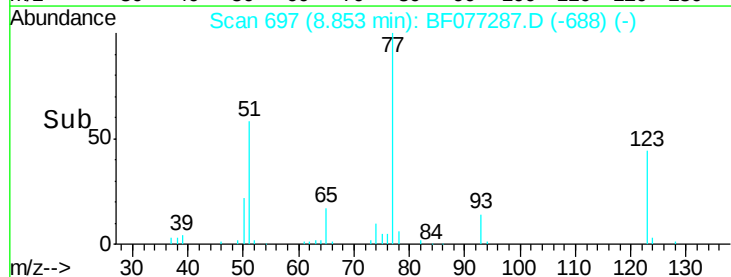
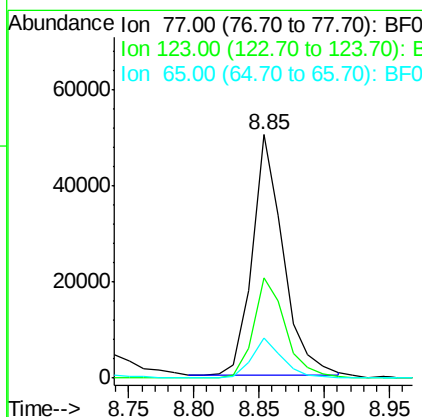
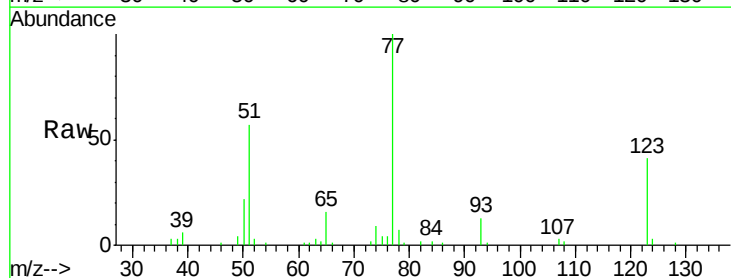
Manual Integrations  
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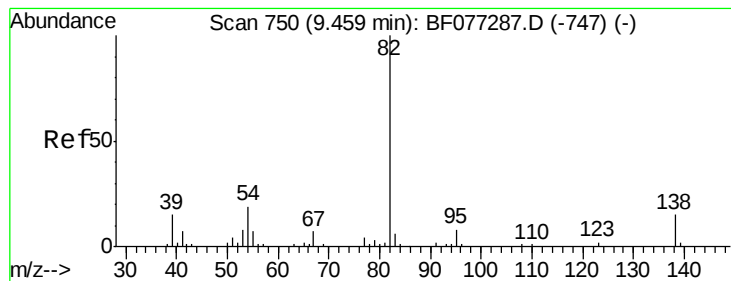
mohammad  
 2/13/2015 5:40:01 PM



#24  
 Nitrobenzene  
 Concen: 39.92 ng  
 RT: 8.85 min Scan# 697  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 82193 |       |       |
| 123     | 41.4  | 33.1  | 49.7  |       |
| 65      | 16.3  | 13.0  | 19.6  |       |





#25

Isophorone

Concen: 40.67 ng

RT: 9.46 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

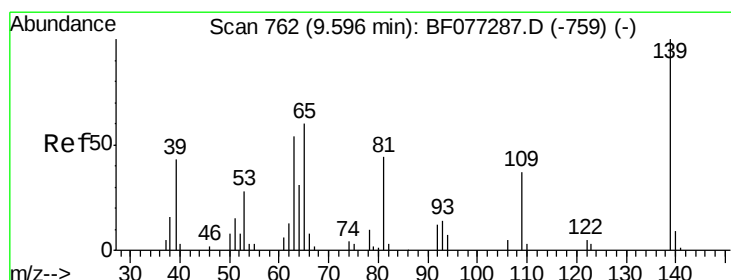
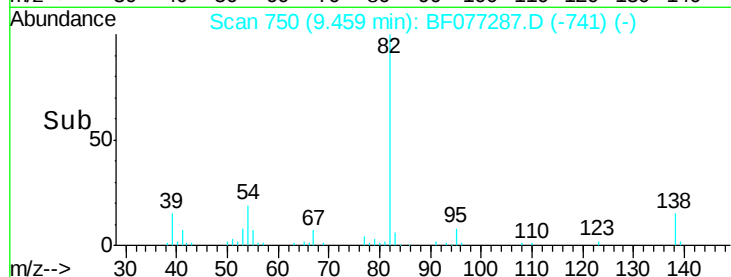
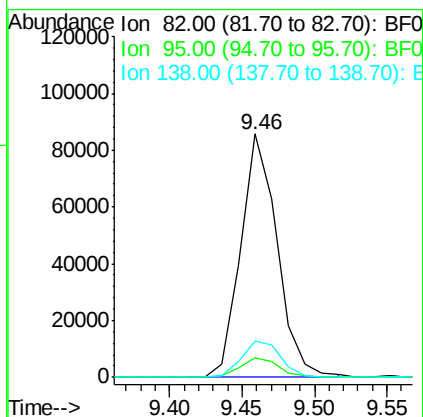
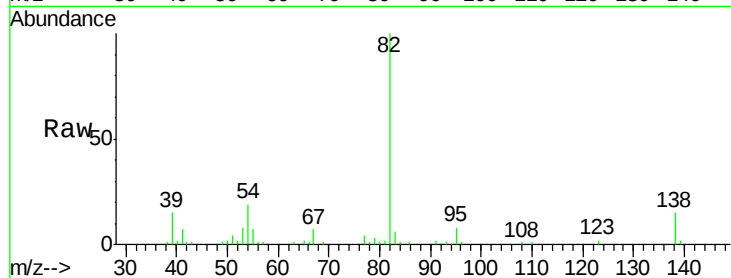
LabSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 149328 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.9   | 6.3   | 9.5    |
| 138       | 15.1  | 12.1  | 18.1   |

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#26

2-Nitrophenol

Concen: 40.27 ng

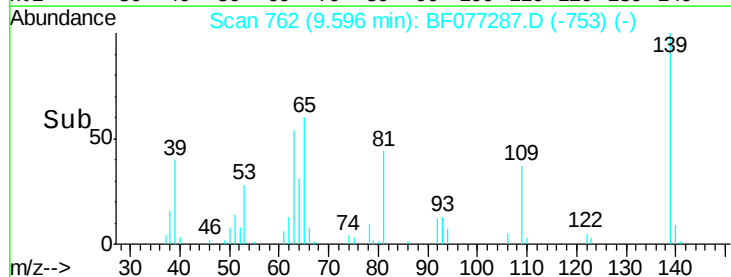
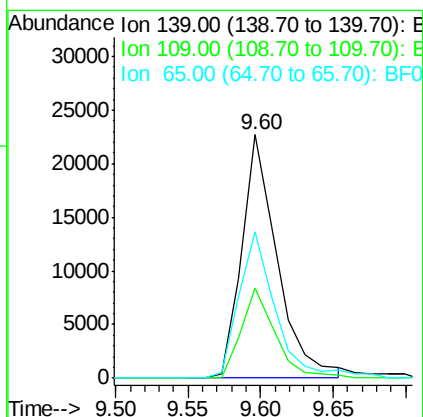
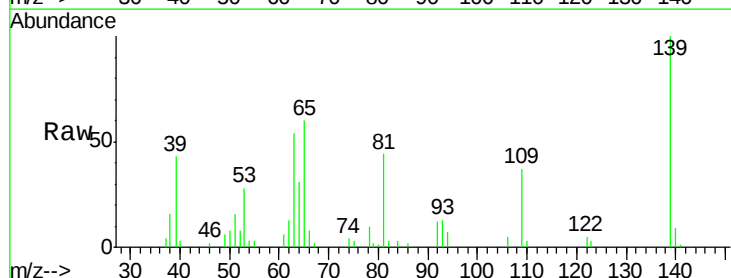
RT: 9.60 min Scan# 762

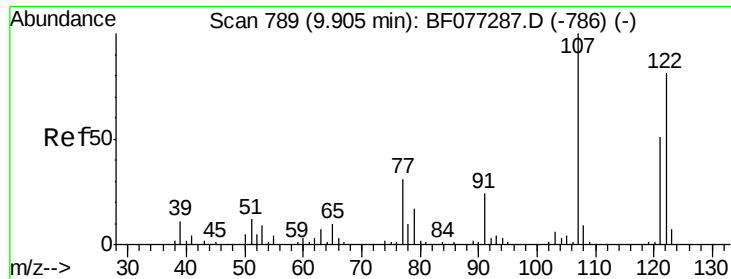
Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 38478 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 36.8  | 29.4  | 44.2  |
| 65        | 59.9  | 47.9  | 71.9  |





#27

2,4-Dimethylphenol

Concen: 42.68 ng

RT: 9.90 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

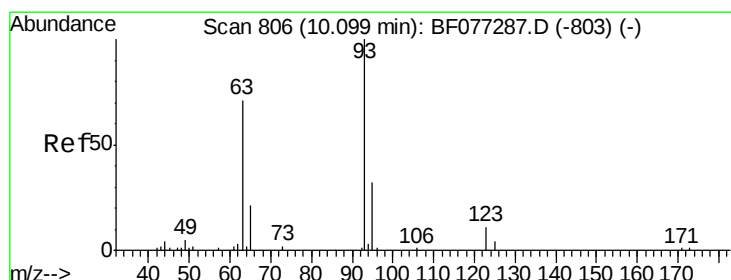
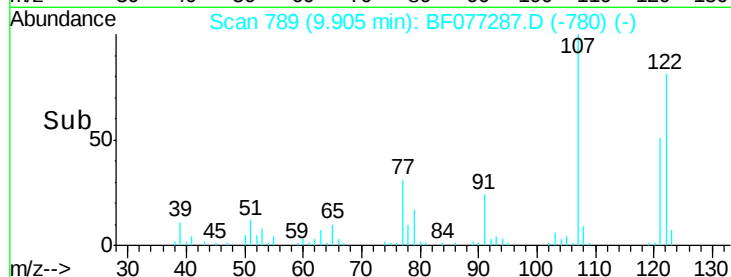
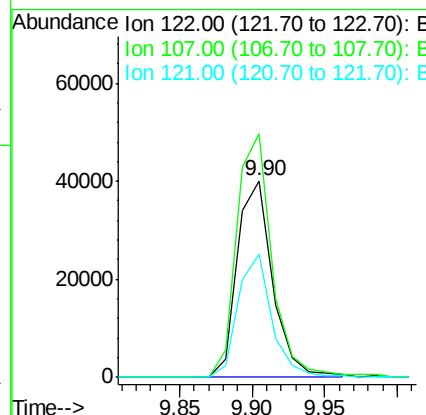
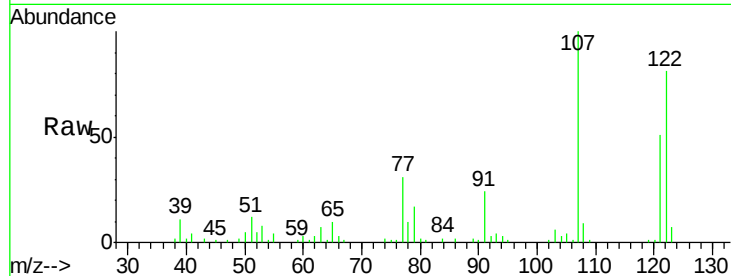
LabSampleId :

SSTDICCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 122   | Resp: | 68129 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 107       | 123.9 | 99.1  | 148.7 |
| 121       | 62.7  | 50.2  | 75.2  |

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#28

bis(2-Chloroethoxy)methane

Concen: 44.50 ng

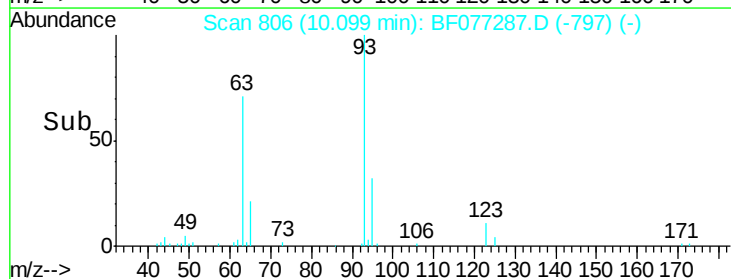
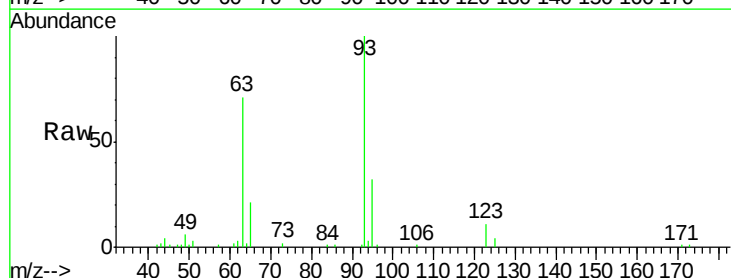
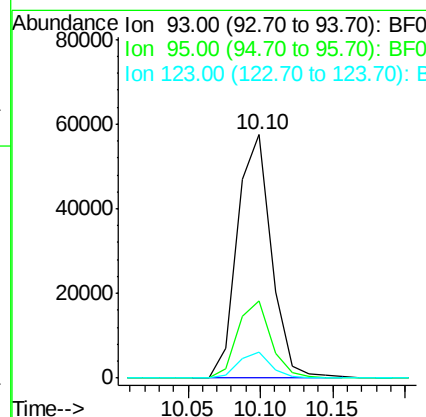
RT: 10.10 min Scan# 806

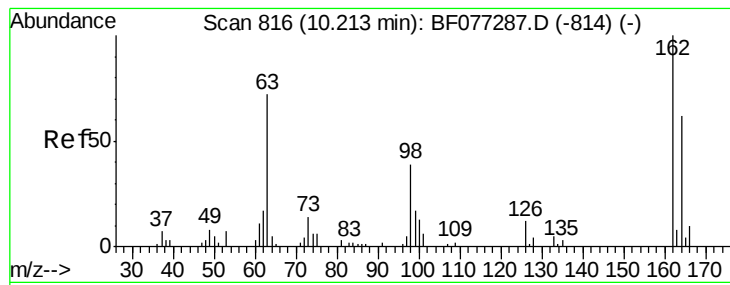
Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 93936 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 95        | 31.8  | 25.4  | 38.2  |
| 123       | 10.6  | 8.5   | 12.7  |





#29

2,4-Dichlorophenol

Concen: 44.60 ng/mL

RT: 10.21 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

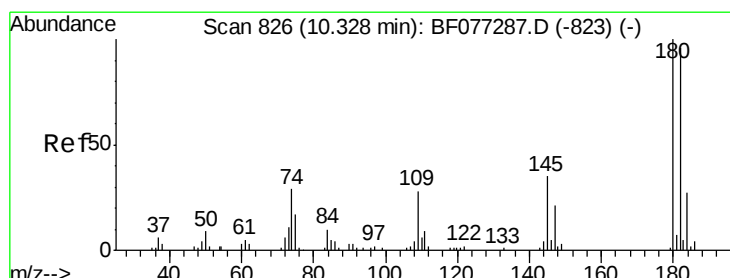
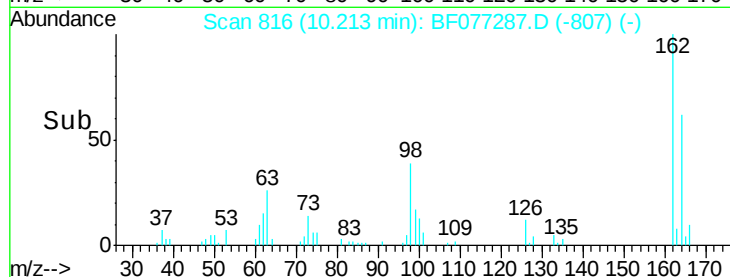
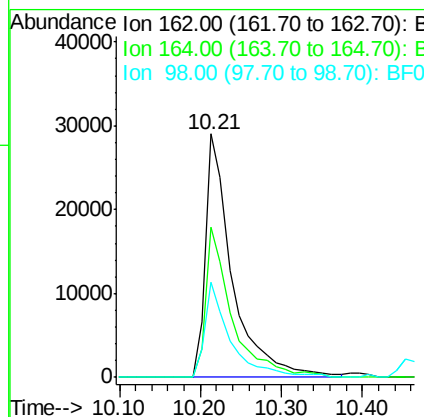
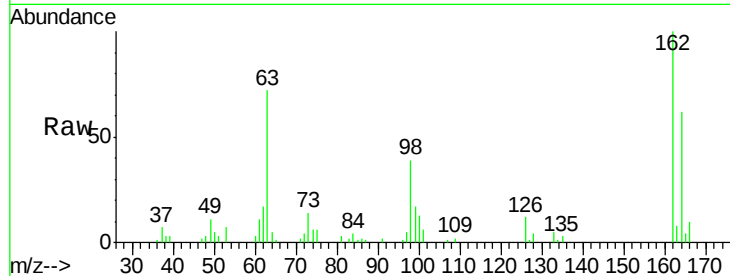
LabSampleId :

SSTDICCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 162   | Resp: | 67051 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 61.9  | 41.9  | 81.9  |
| 98        | 39.3  | 19.3  | 59.3  |

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#30

1,2,4-Trichlorobenzene

Concen: 41.75 ng/mL

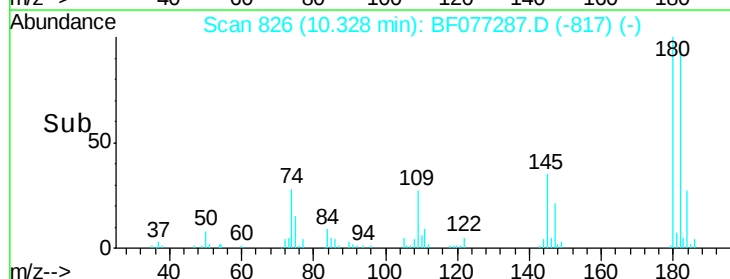
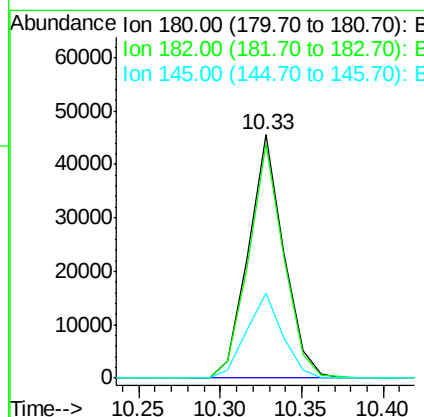
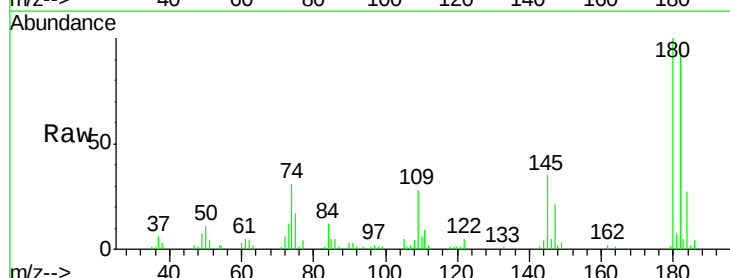
RT: 10.33 min Scan# 826

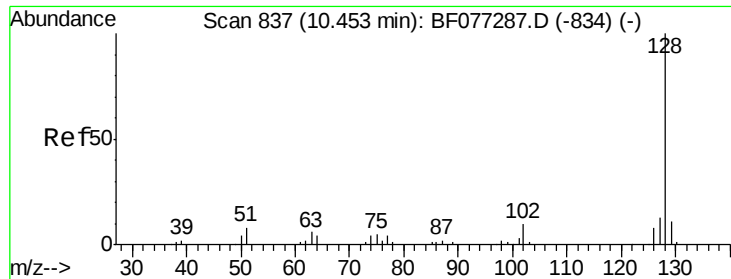
Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 68588 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.3  | 77.0  | 115.6 |
| 145       | 34.9  | 27.9  | 41.9  |





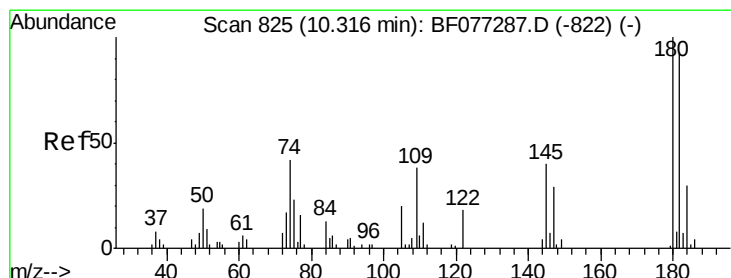
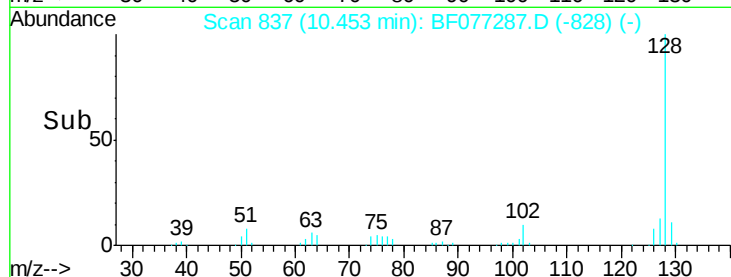
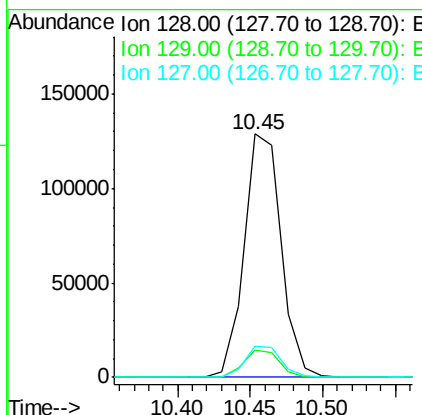
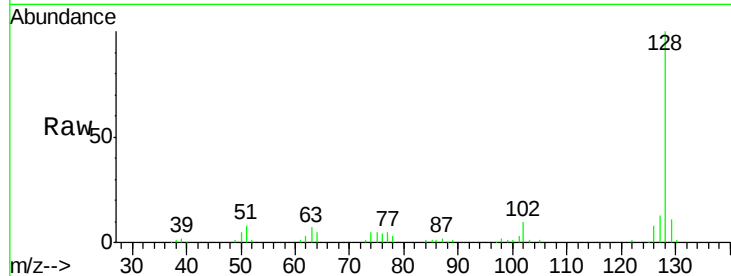
#31  
Naphthalene  
Concen: 39.75 ng  
RT: 10.45 min Scan# 837  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 227636 |       |       |
| 129     | 11.3  |        | 9.0   | 13.6  |
| 127     | 13.0  |        | 10.4  | 15.6  |

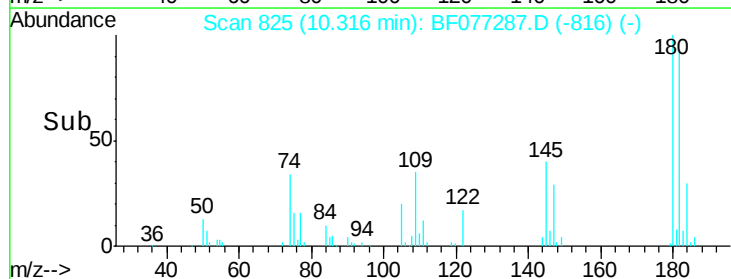
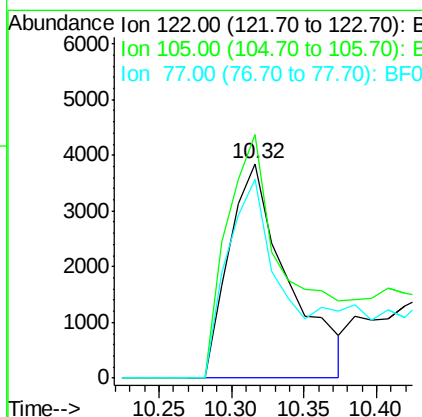
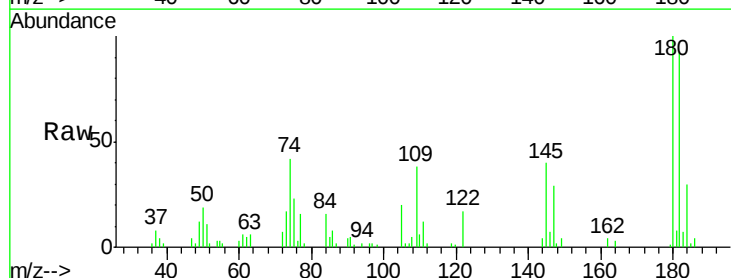
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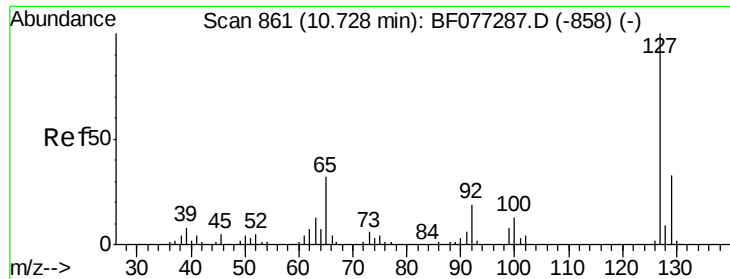
mohammad  
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#32  
Benzoic acid  
Concen: 13.84 ng  
RT: 10.32 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 10820 |       |       |
| 105     | 113.4 |       | 93.4  | 133.4 |
| 77      | 92.6  |       | 72.6  | 112.6 |





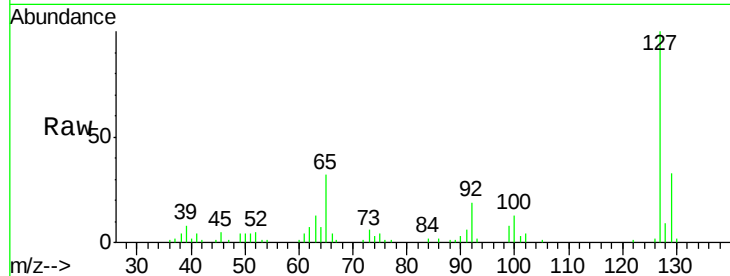
#33  
4-Chloroaniline  
Concen: 40.61 ng  
RT: 10.73 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

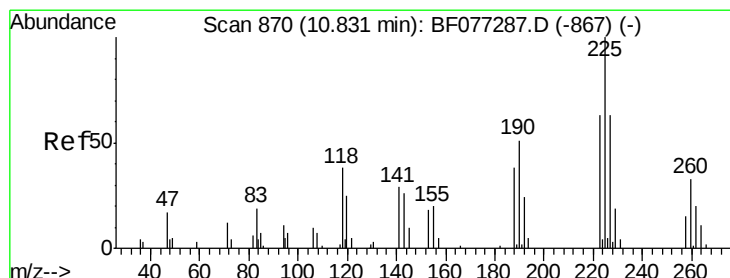
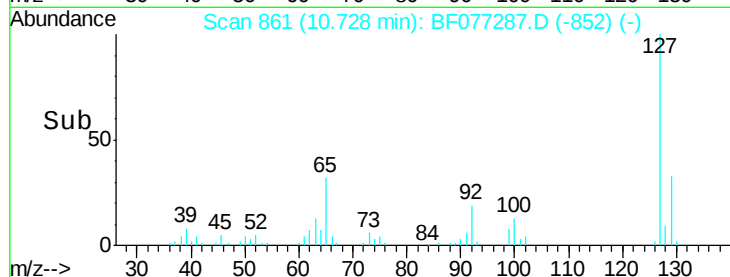
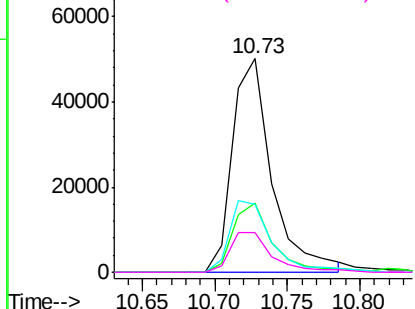
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.5  | 26.0  | 39.0  |
| 65      | 32.0  | 25.6  | 38.4  |
| 92      | 18.9  | 15.1  | 22.7  |

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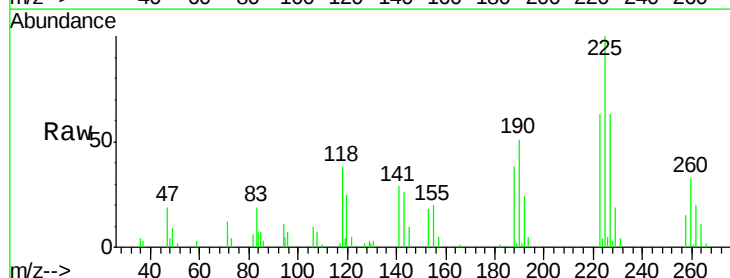


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

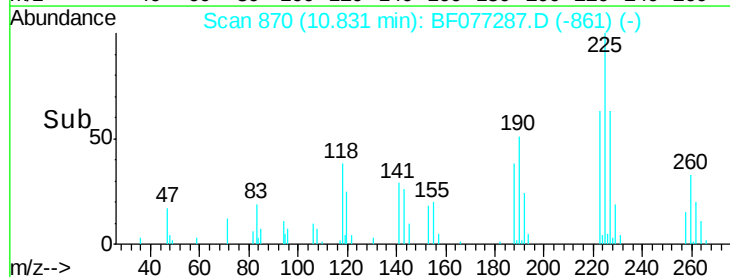
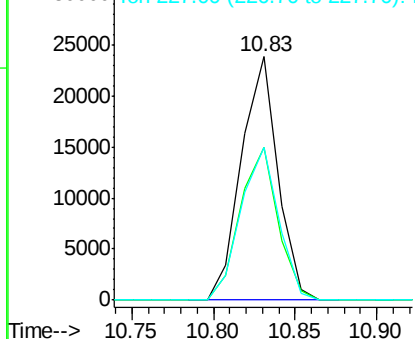


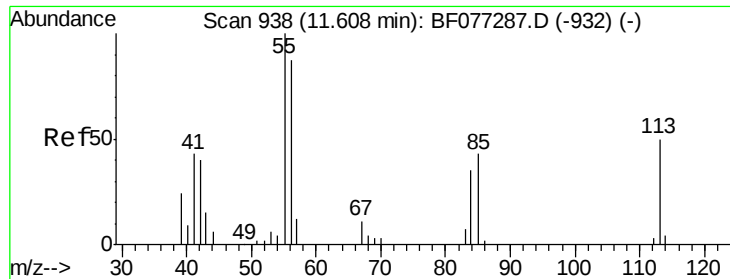
#34  
Hexachlorobutadiene  
Concen: 38.37 ng  
RT: 10.83 min Scan# 870  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.8  | 50.2  | 75.4  |
| 227     | 62.7  | 50.2  | 75.2  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.04 ng

RT: 11.61 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

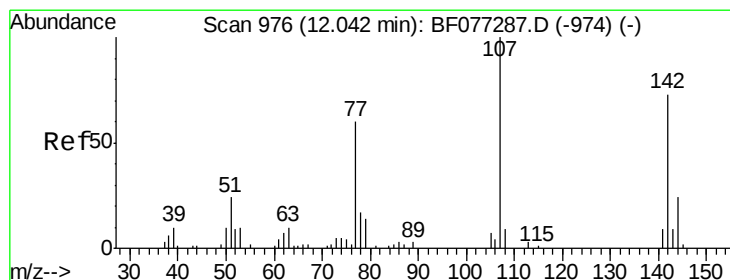
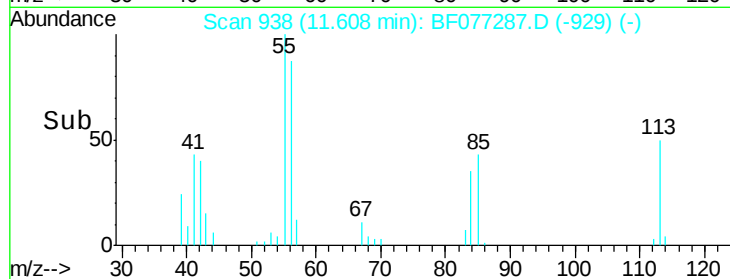
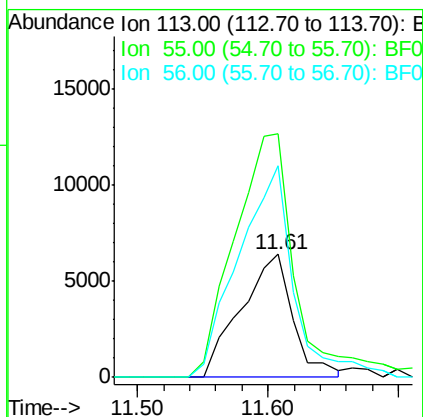
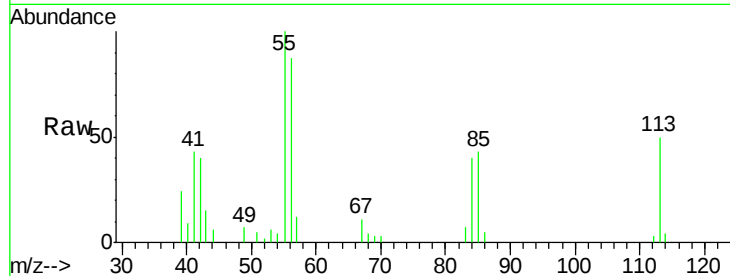
LabSampleId :

SSTDICCC040

Tot Ion:113 Resp: 17836  
 Ion Ratio Lower Upper  
 113 100  
 55 198.4 178.4 218.4  
 56 172.8 152.8 192.8

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#36

4-Chloro-3-methylphenol

Concen: 39.88 ng

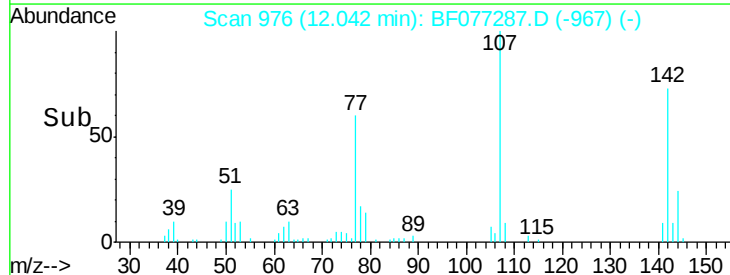
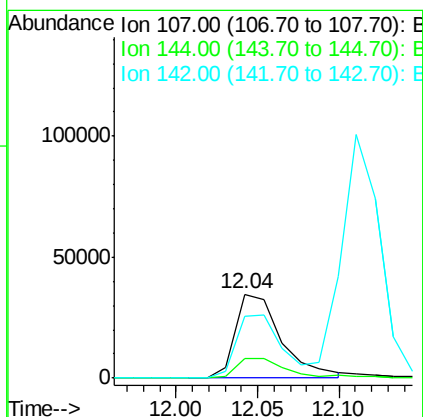
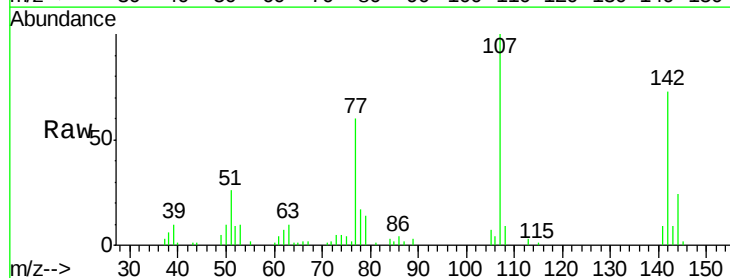
RT: 12.04 min Scan# 976

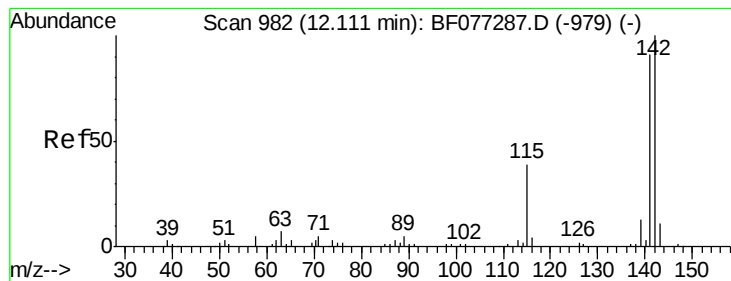
Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

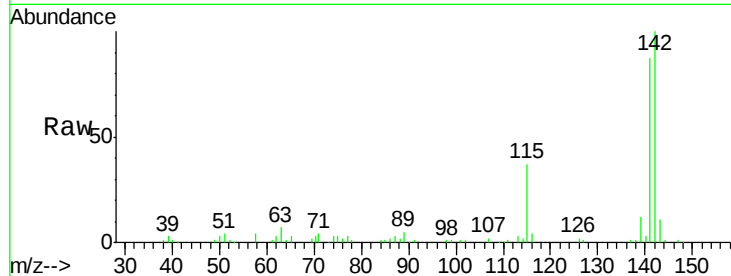
Tgt Ion:107 Resp: 67954  
 Ion Ratio Lower Upper  
 107 100  
 144 24.0 19.2 28.8  
 142 73.3 58.6 88.0





#37  
 2-Methylnaphthalene  
 Concen: 41.48 ng  
 RT: 12.11 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

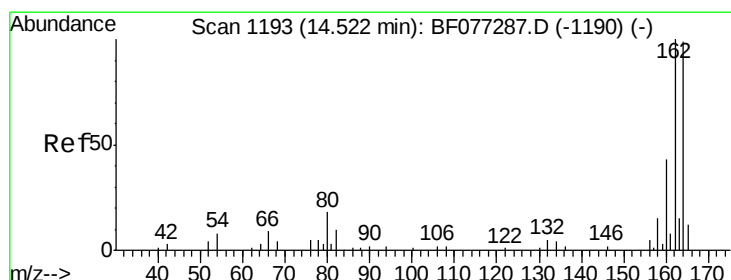
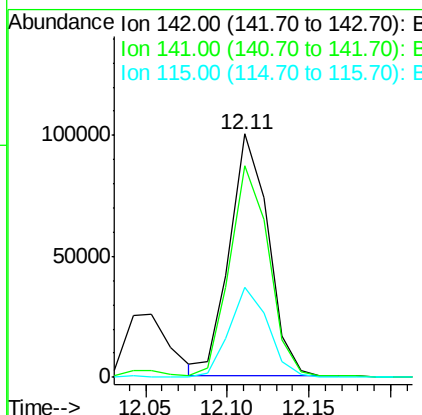
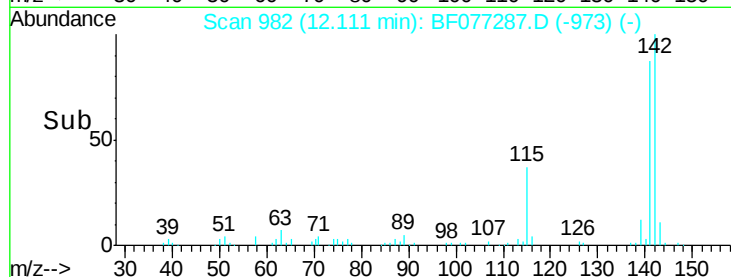
Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDICC040



| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 164549 |       |       |
| 141     | 87.2  | 69.8   | 104.6 |       |
| 115     | 36.9  | 29.5   | 44.3  |       |

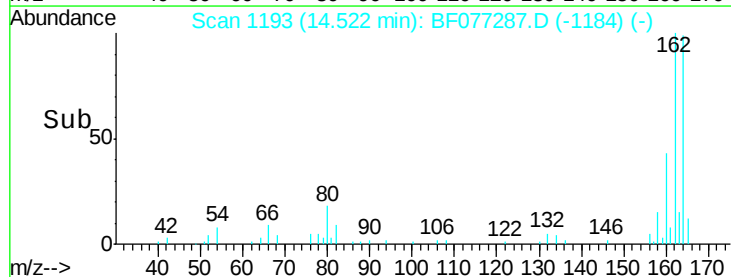
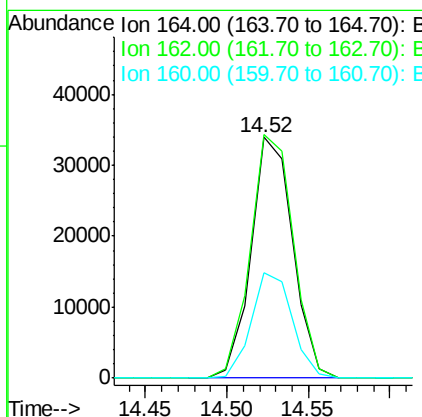
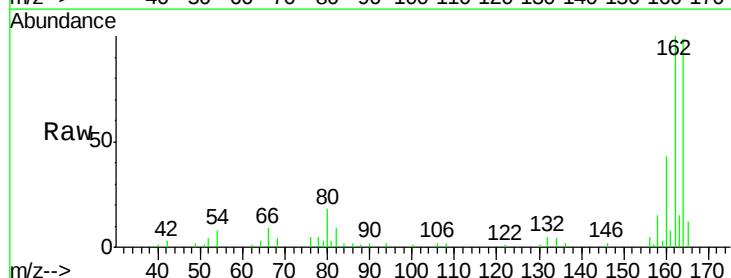
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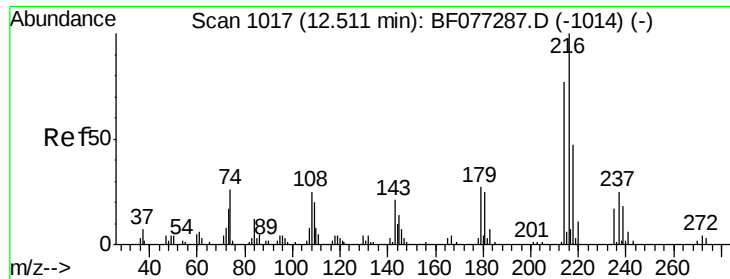
mohammad  
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.52 min Scan# 1193  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 60270 |       |       |
| 162     | 101.2 | 81.0  | 121.4 |       |
| 160     | 44.0  | 35.2  | 52.8  |       |





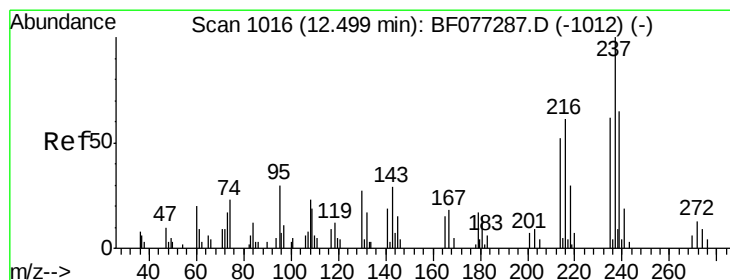
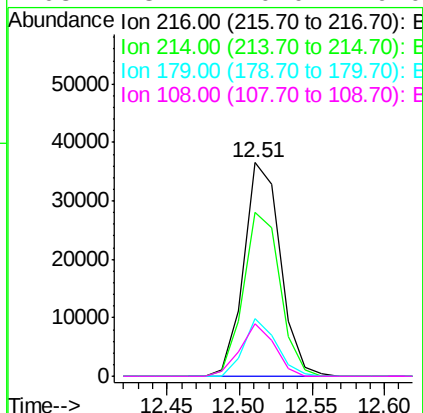
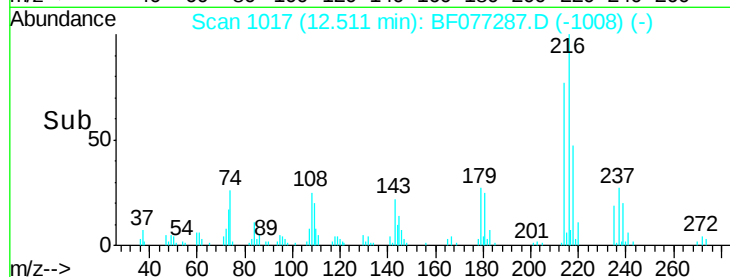
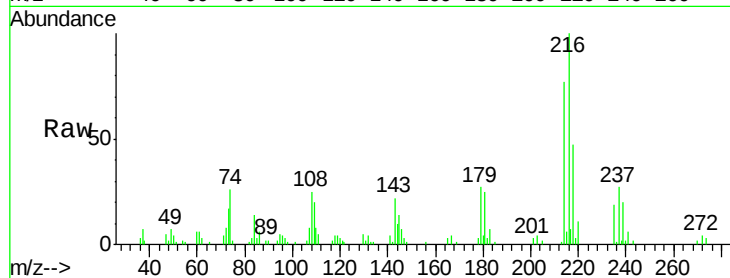
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.56 ng  
 RT: 12.51 min Scan# 1017  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 216     | 100   | 63838 |       |       |
| 214     | 77.1  | 0.0   | 0.0   | 0.0   |
| 179     | 24.1  | 0.0   | 0.0   | 0.0   |
| 108     | 23.2  | 0.0   | 0.0   | 0.0   |

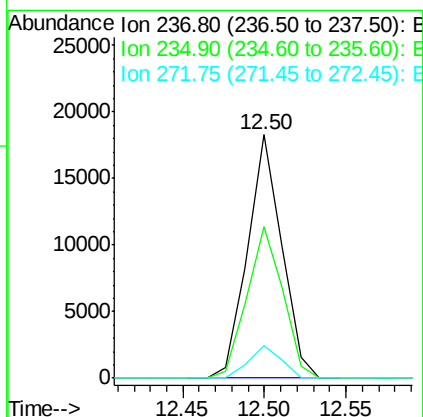
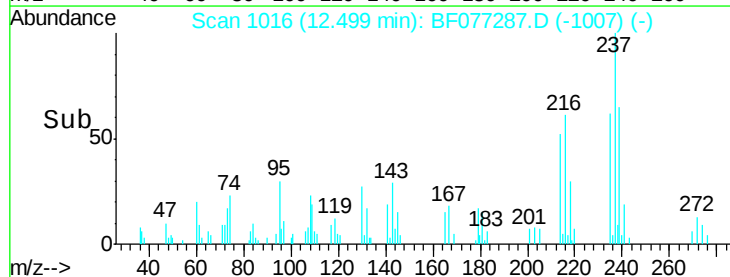
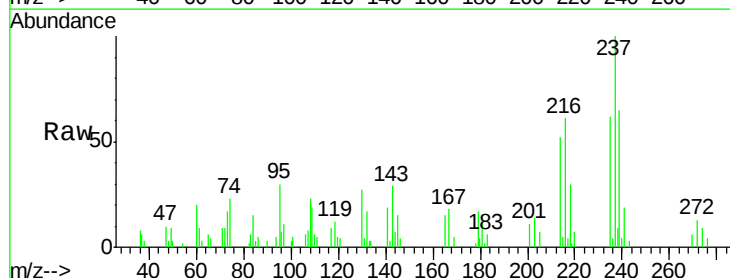
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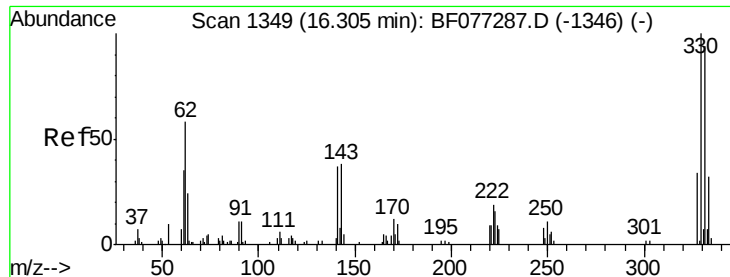
mohammad  
 2/13/2015 5:40:01 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 44.60 ng  
 RT: 12.50 min Scan# 1016  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 26646 |       |       |
| 235     | 62.0  | 42.0  | 82.0  |       |
| 272     | 13.3  | 0.0   | 33.3  |       |





#41

2,4,6-Tribromophenol

Concen: 85.75 ng

RT: 16.31 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

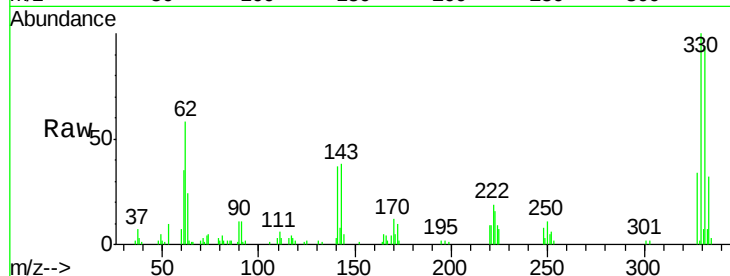
LabSampleId :

SSTDICCC040

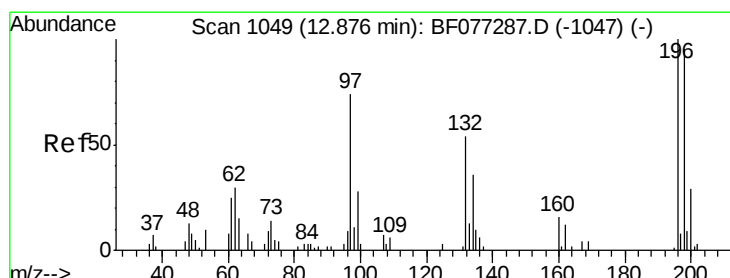
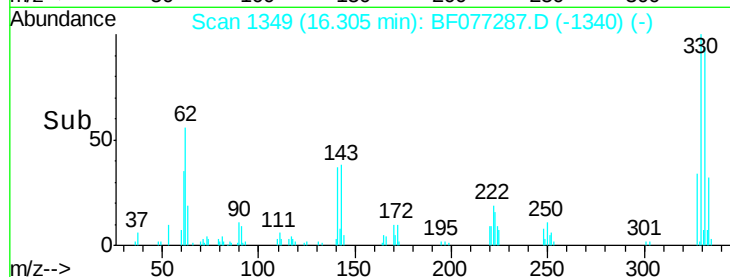
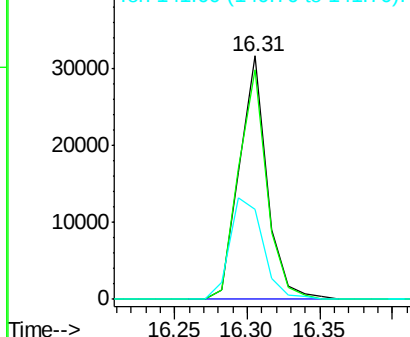
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 330   | Resp: | 41880 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 96.1  | 0.0   | 0.0#  |
| 141       | 49.9  | 0.0   | 0.0#  |

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



#42

2,4,6-Trichlorophenol

Concen: 37.83 ng

RT: 12.88 min Scan# 1049

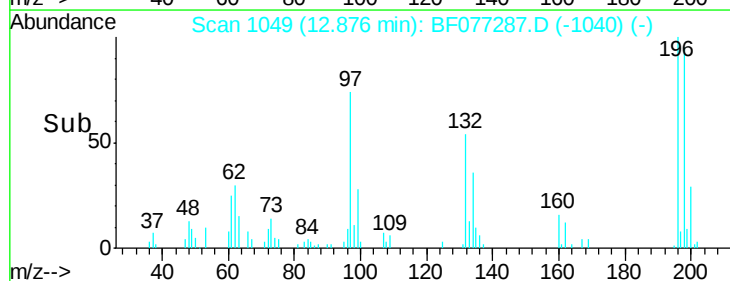
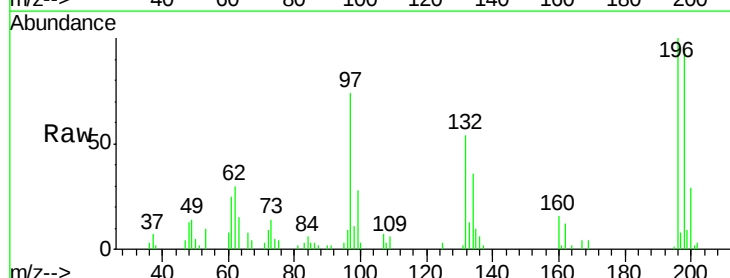
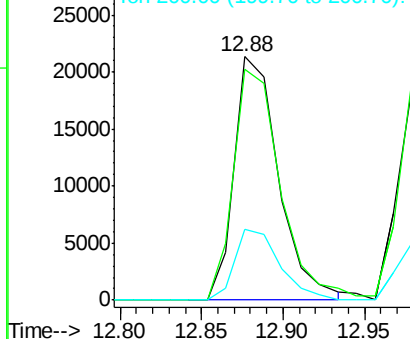
Delta R.T. 0.00 min

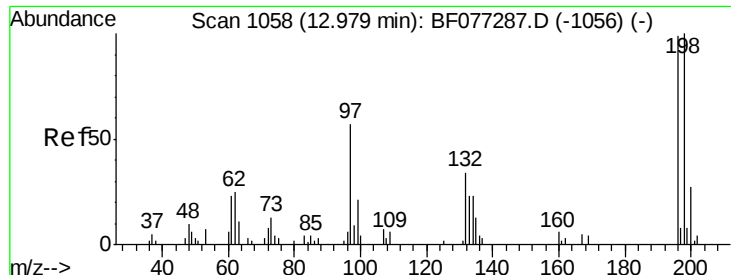
Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 40220 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 94.8  | 75.8  | 113.8 |
| 200       | 29.1  | 23.3  | 34.9  |

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





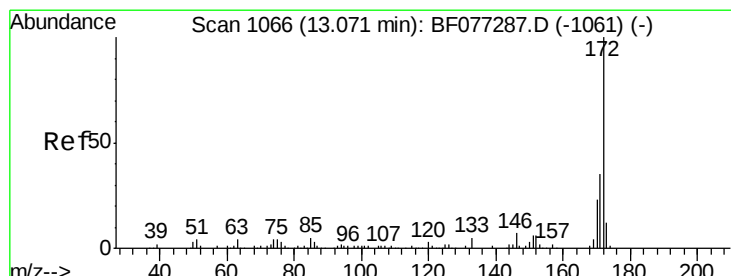
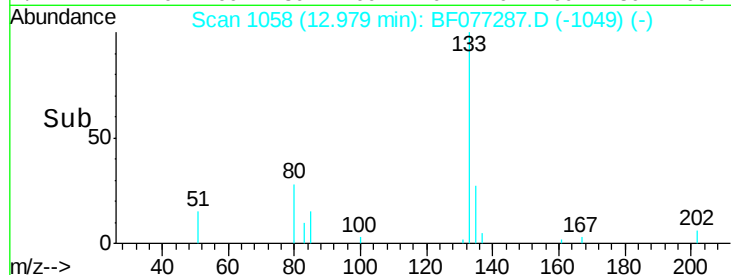
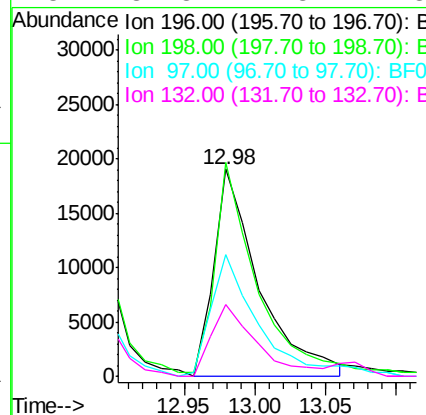
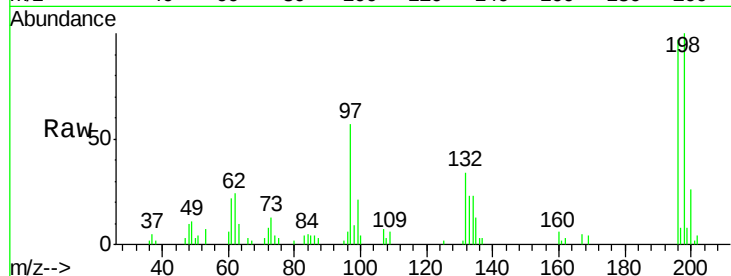
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.78 ng/ml  
 RT: 12.98 min Scan# 1058  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDICC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 42496 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 103.2 | 82.6  | 123.8 |
| 97        | 59.1  | 47.3  | 70.9  |
| 132       | 34.8  | 27.8  | 41.8  |

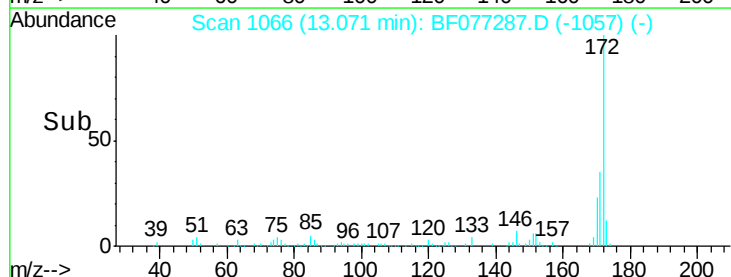
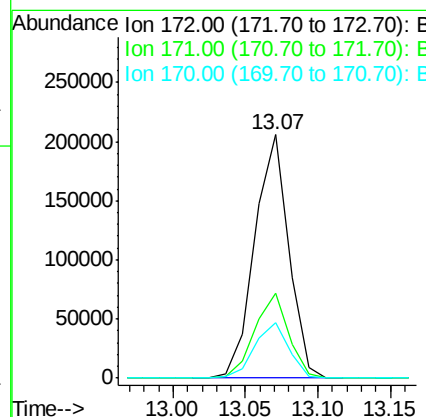
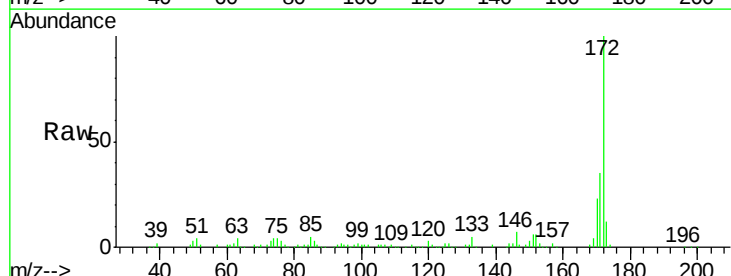
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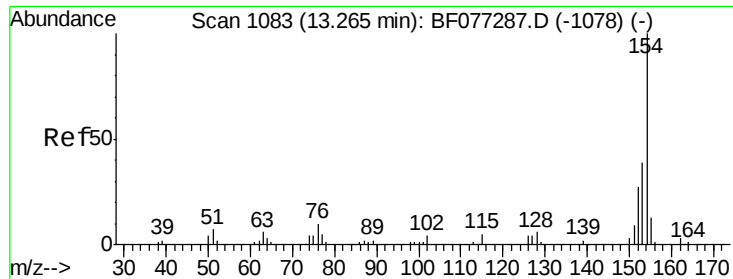
mohammad  
 2/13/2015 5:40:01 PM



#44  
 2-Fluorobiphenyl  
 Concen: 84.35 ng/ml  
 RT: 13.07 min Scan# 1066  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 334550 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 34.8  | 27.8  | 41.8   |
| 170       | 22.9  | 18.3  | 27.5   |





#45

1,1'-Biphenyl

Concen: 43.14 ng

RT: 13.27 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

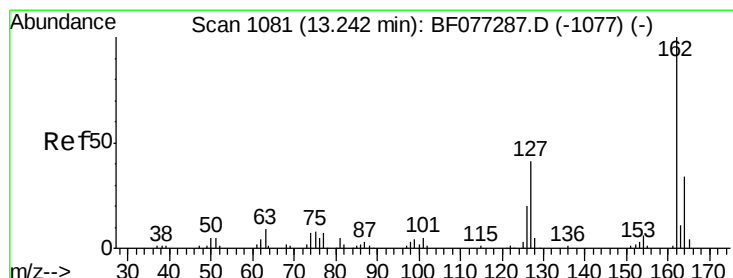
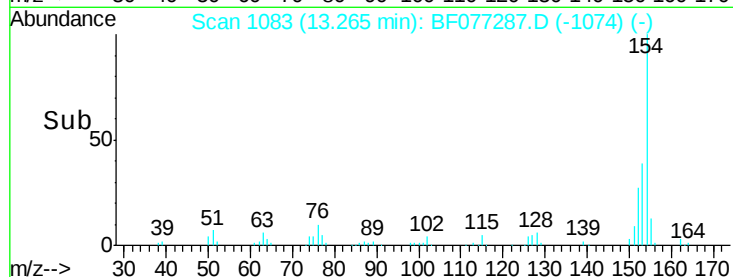
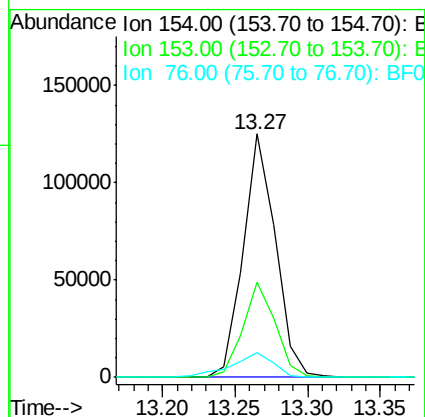
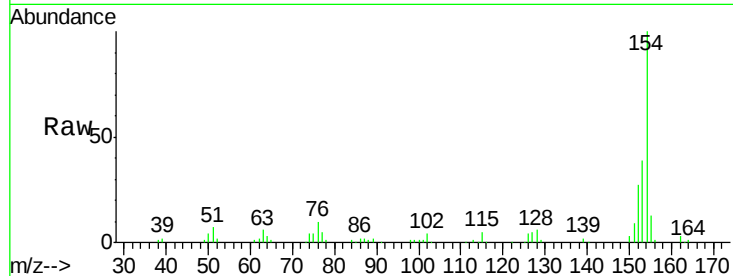
LabSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 193142 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 38.9  | 18.9  | 58.9   |
| 76        | 10.4  | 0.0   | 30.4   |

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#46

2-Chloronaphthalene

Concen: 41.27 ng

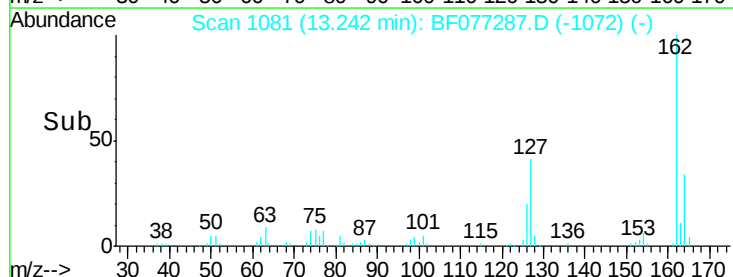
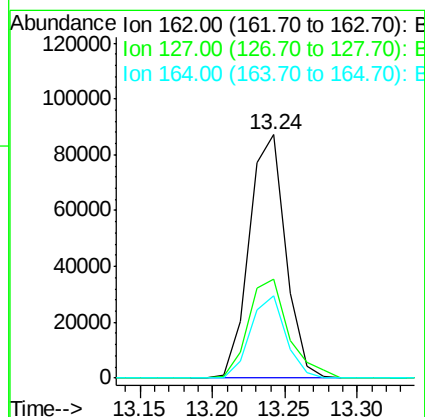
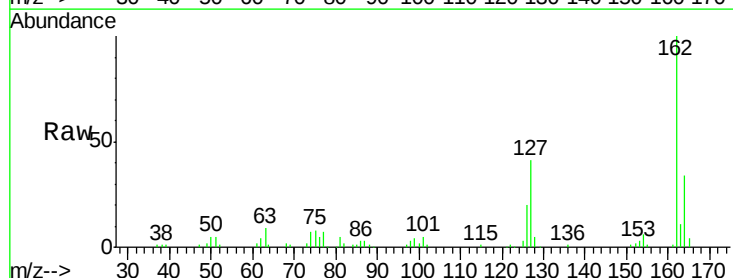
RT: 13.24 min Scan# 1081

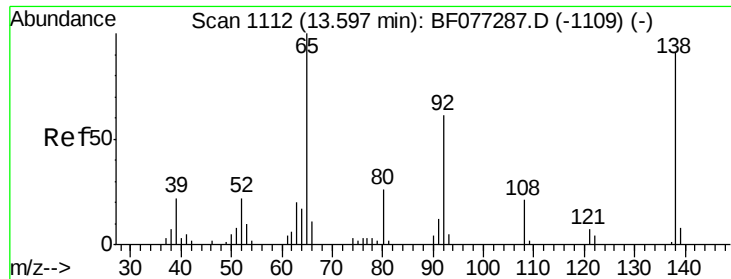
Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 151721 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 40.7  | 32.6  | 48.8   |
| 164       | 33.8  | 27.0  | 40.6   |





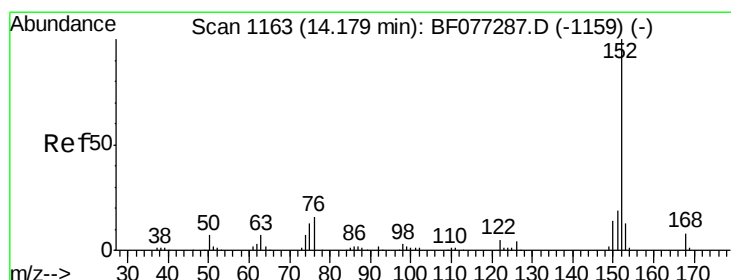
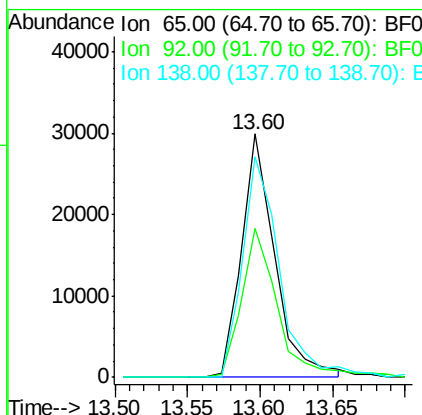
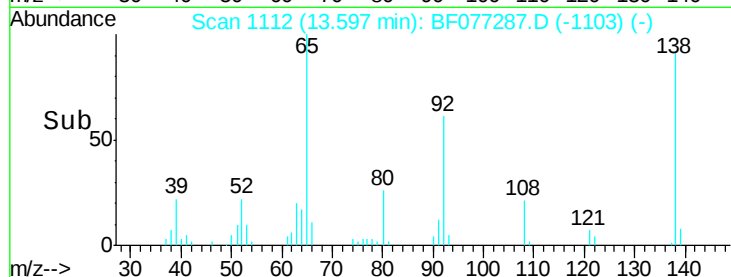
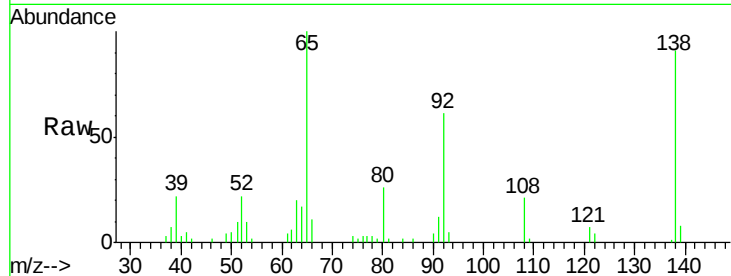
#47  
 2-Nitroaniline  
 Concen: 42.89 ng  
 RT: 13.60 min Scan# 1112  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDICC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 47808 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 60.9  | 48.7  | 73.1  |
| 138       | 90.6  | 72.5  | 108.7 |

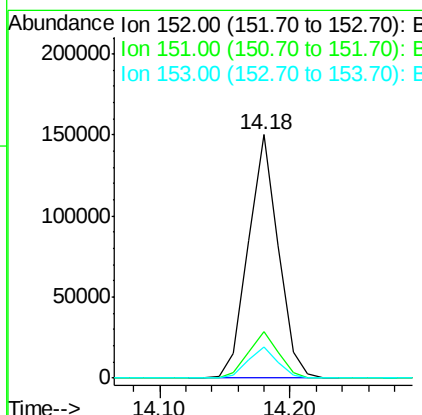
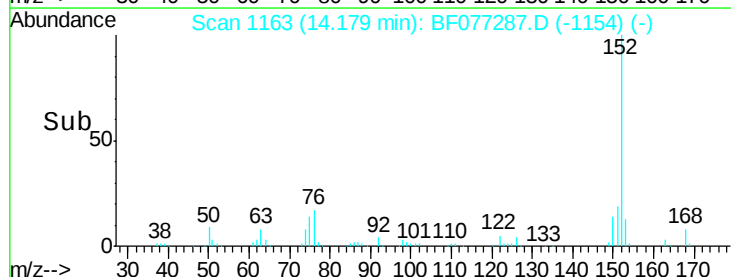
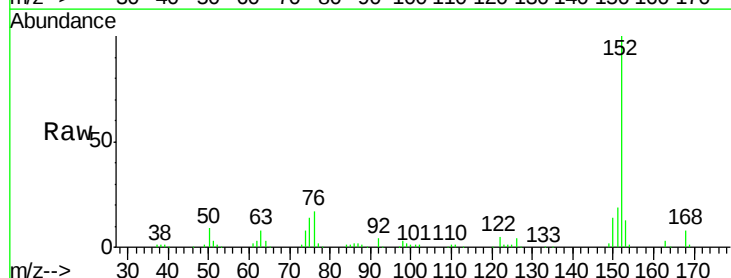
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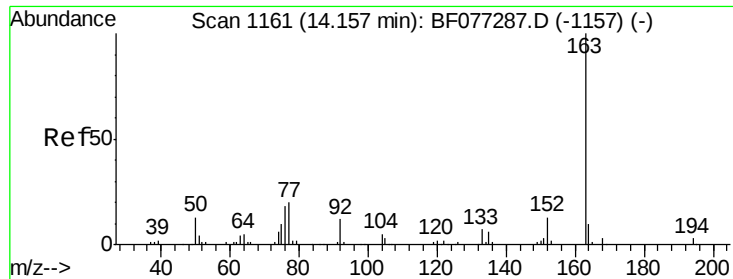
mohammad  
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#48  
 Acenaphthylene  
 Concen: 39.43 ng  
 RT: 14.18 min Scan# 1163  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 241725 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.1  | 15.3  | 22.9   |
| 153       | 12.7  | 10.2  | 15.2   |





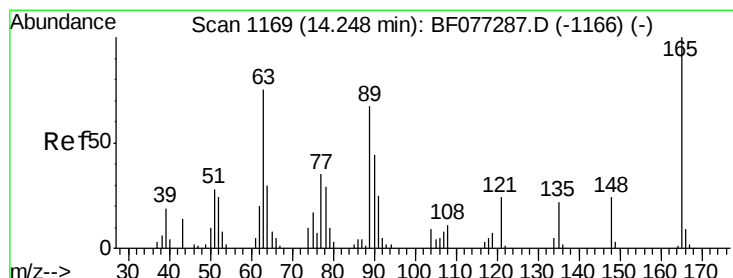
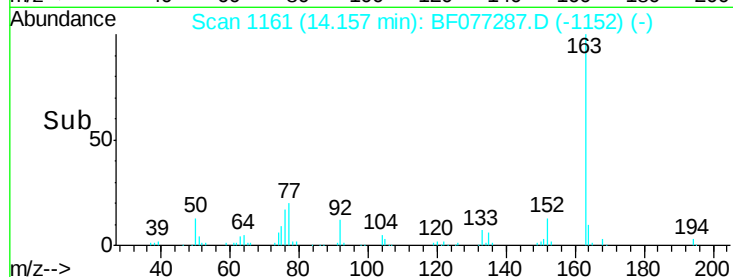
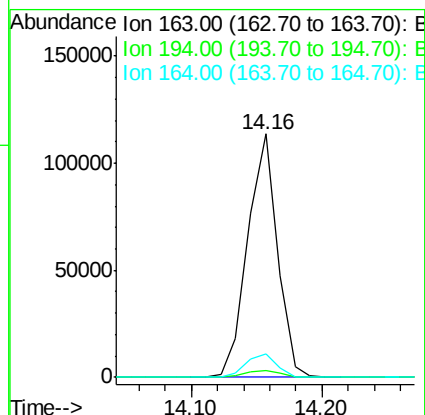
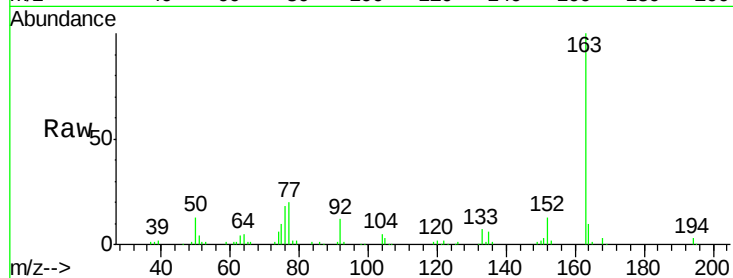
#49  
Dimethylphthalate  
Concen: 42.09 ng  
RT: 14.16 min Scan# 1161  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 163     | 100   |            |       |
| 194     | 2.9   | 2.3        | 3.5   |
| 164     | 9.5   | 7.6        | 11.4  |

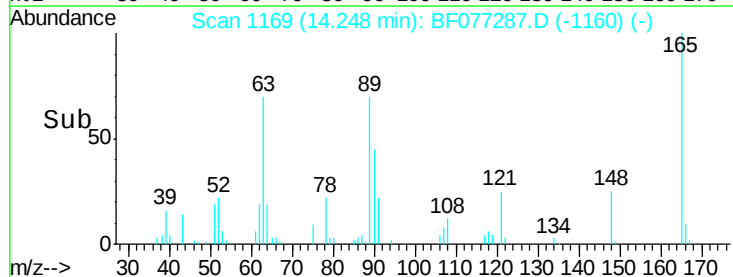
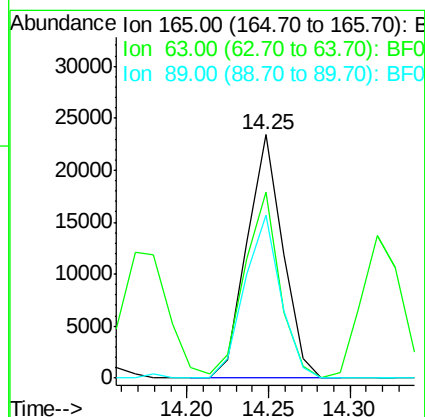
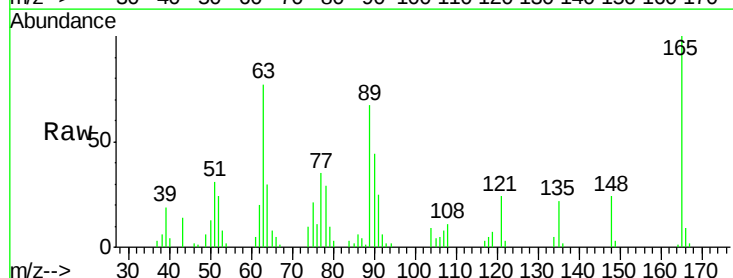
Manual Integrations  
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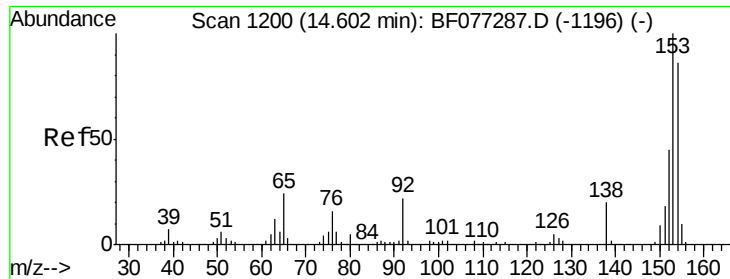
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#50  
2,6-Dinitrotoluene  
Concen: 42.16 ng  
RT: 14.25 min Scan# 1169  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 76.5  | 61.2       | 91.8  |
| 89      | 67.1  | 53.7       | 80.5  |





#51

Acenaphthene

Concen: 40.01 ng

RT: 14.60 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

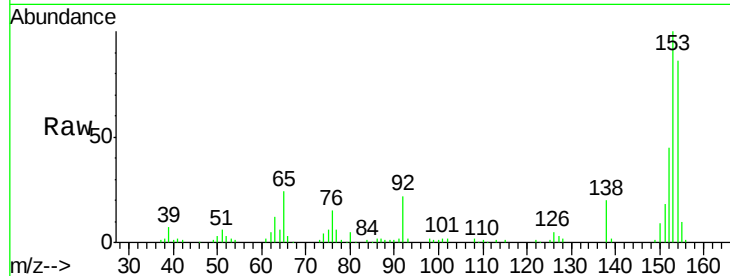
LabSampleId :

SSTDICCC040

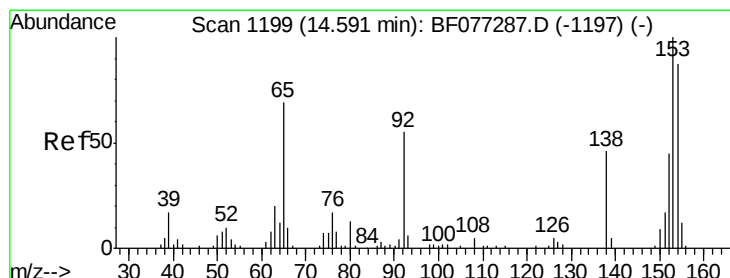
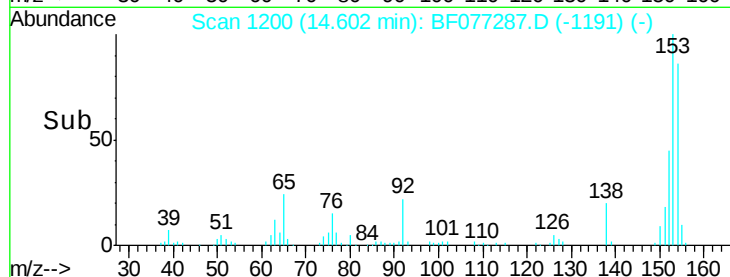
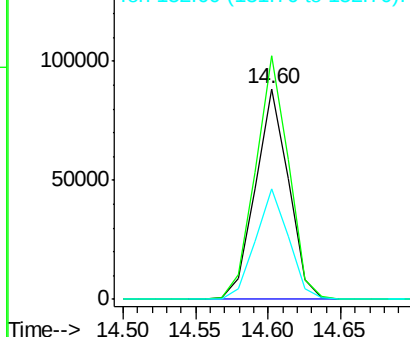
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 139739 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 115.6 | 92.5  | 138.7  |
| 152       | 52.6  | 42.1  | 63.1   |

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



#52

3-Nitroaniline

Concen: 42.43 ng

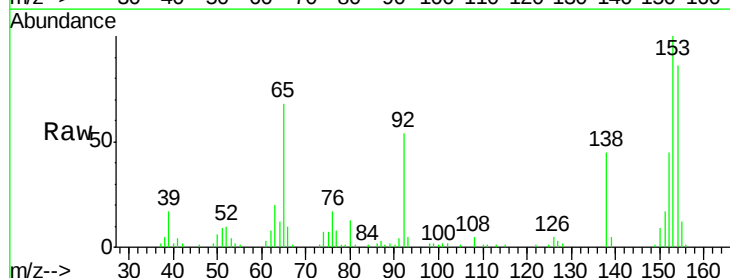
RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

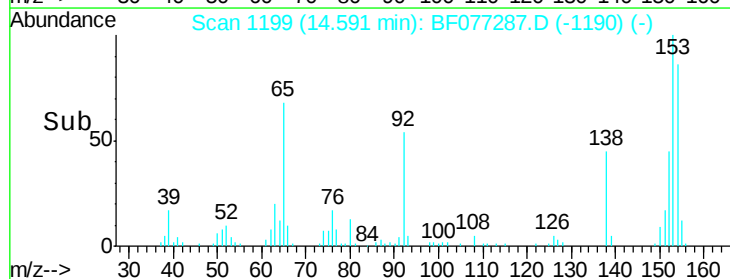
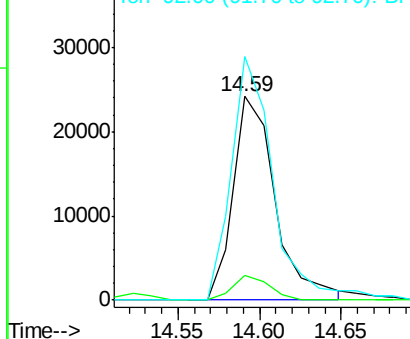
Lab File: BF077287.D

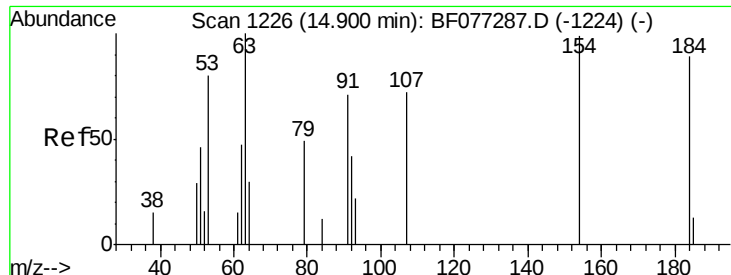
Acq: 12 Feb 2015 15:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 43198 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 11.9  | 9.5   | 14.3  |
| 92        | 119.7 | 95.8  | 143.6 |



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





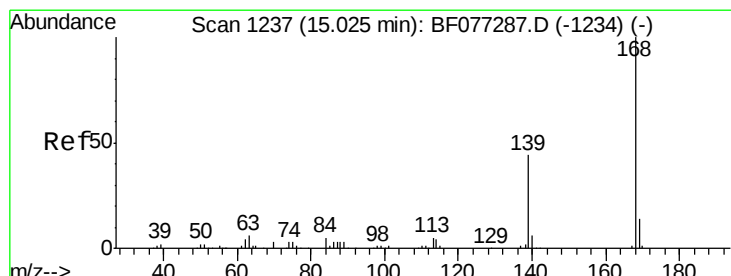
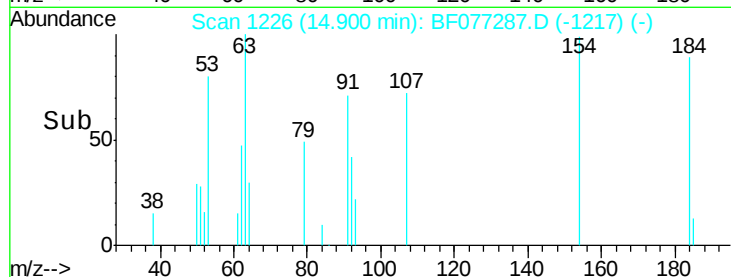
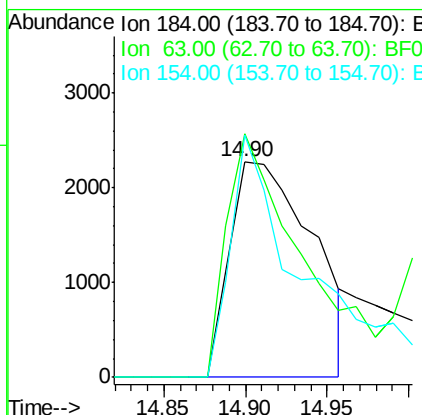
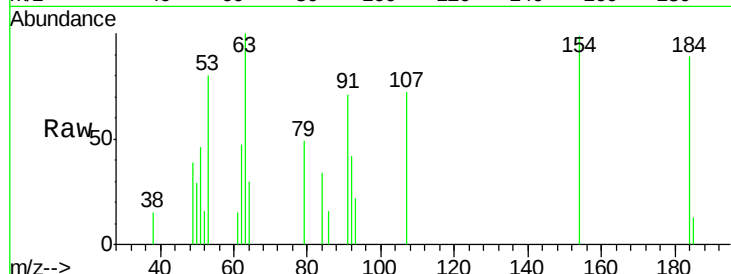
#53  
2,4-Dinitrophenol  
Concen: 29.30 ng  
RT: 14.90 min Scan# 1226  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 112.8 | 90.2  | 135.4 |
| 154     | 112.1 | 89.7  | 134.5 |

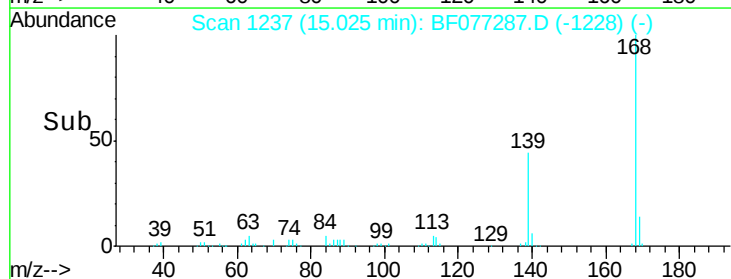
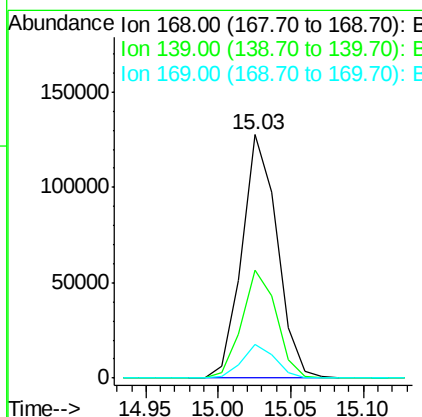
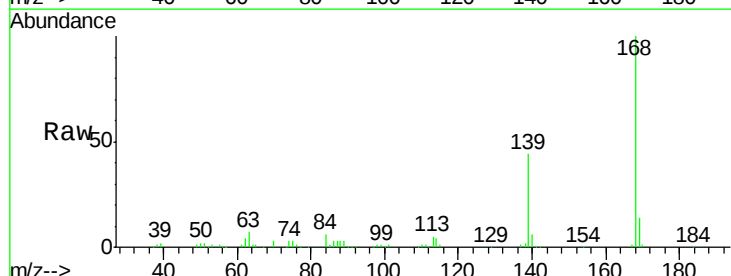
Manual Integrations  
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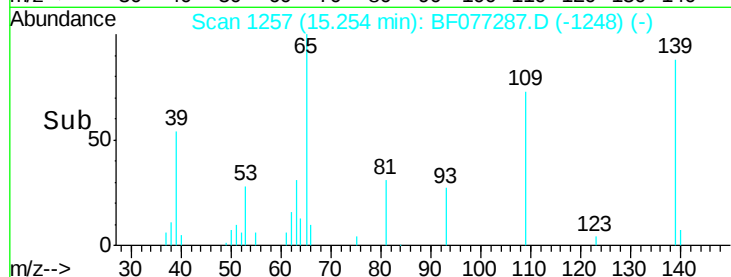
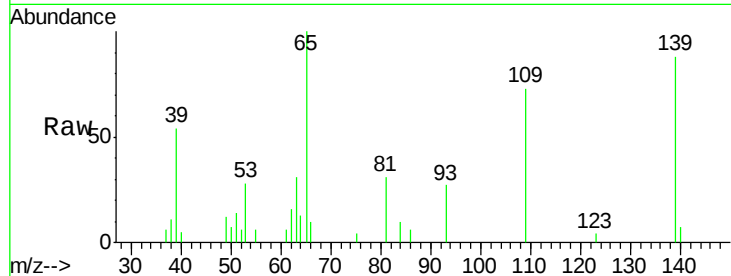
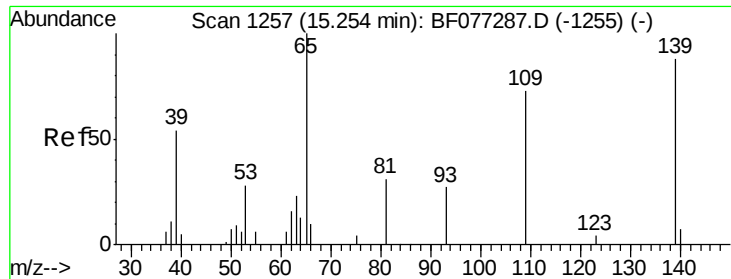
mohammad  
2/13/2015 5:40:01 PM



#54  
Dibenzofuran  
Concen: 41.82 ng  
RT: 15.03 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 44.5  | 35.6  | 53.4  |
| 169     | 13.6  | 10.9  | 16.3  |





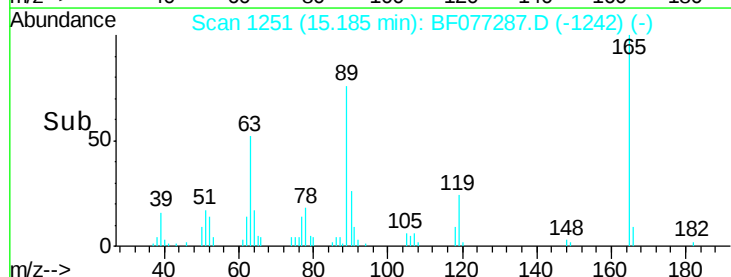
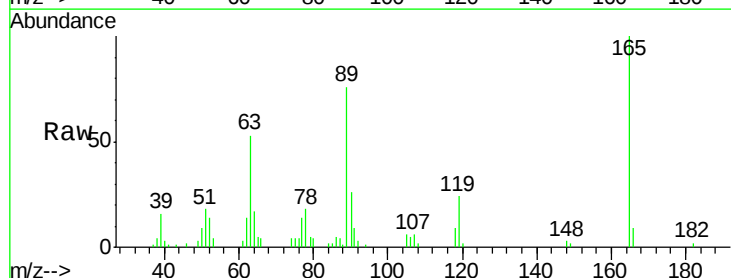
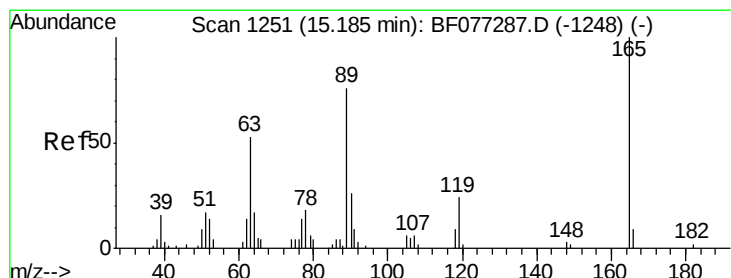
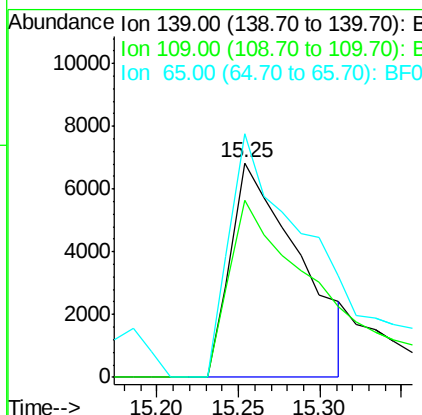
#55  
4-Nitrophenol  
Concen: 30.87 ng  
RT: 15.25 min Scan# 1257  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 19988 |       |       |
| 109     | 82.7  | 62.7  | 102.7 |       |
| 65      | 113.5 | 93.5  | 133.5 |       |

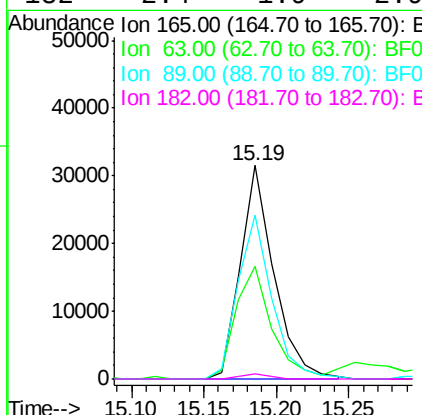
Manual Integrations  
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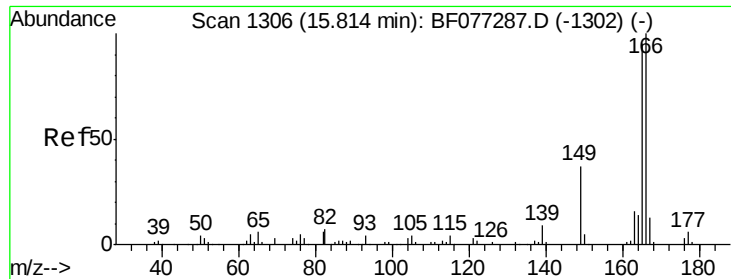
mohammad  
2/13/2015 5:40:01 PM



#56  
2,4-Dinitrotoluene  
Concen: 44.11 ng  
RT: 15.19 min Scan# 1251  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 50858 |       |       |
| 63      | 53.0  | 42.4  | 63.6  |       |
| 89      | 76.4  | 61.1  | 91.7  |       |
| 182     | 2.4   | 1.9   | 2.9   |       |





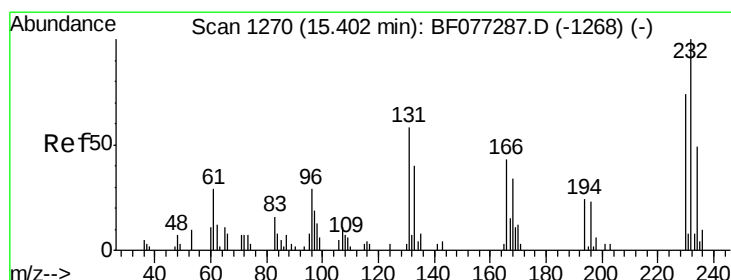
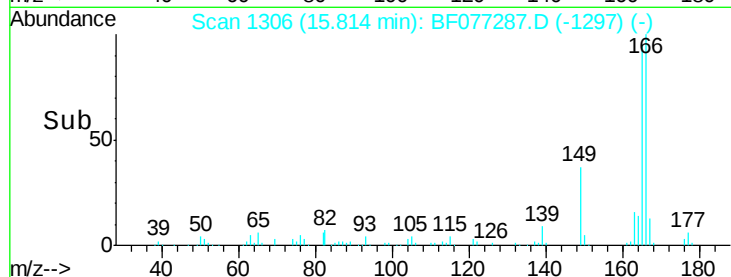
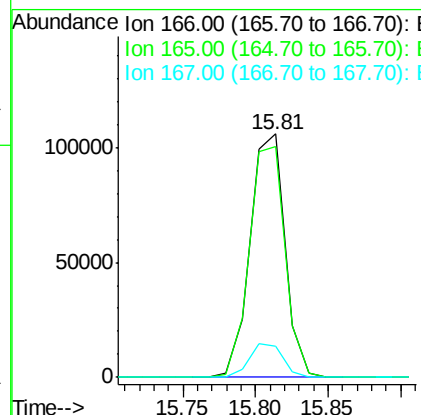
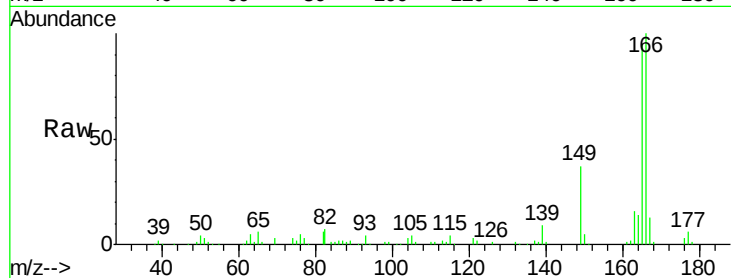
#57  
 Fluorene  
 Concen: 40.82 ng  
 RT: 15.81 min Scan# 1306  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 94.9  | 75.9  | 113.9 |
| 167     | 12.8  | 10.2  | 15.4  |

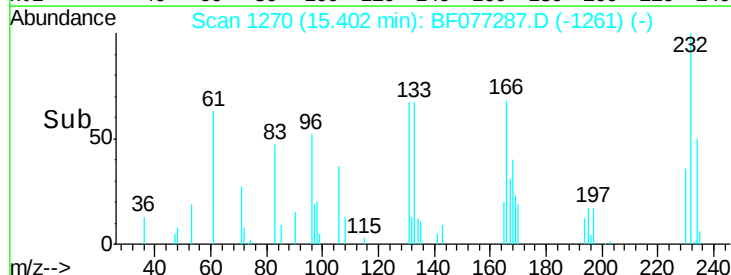
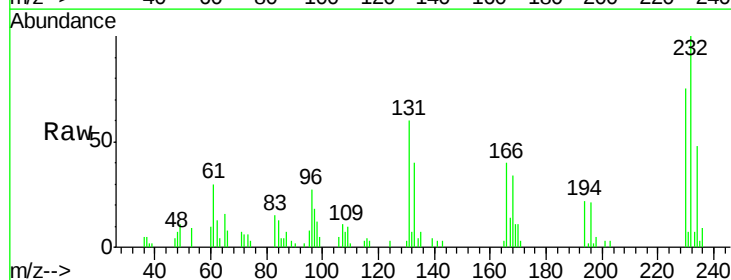
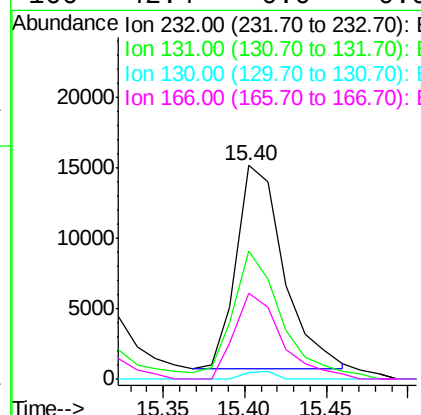
Manual Integrations  
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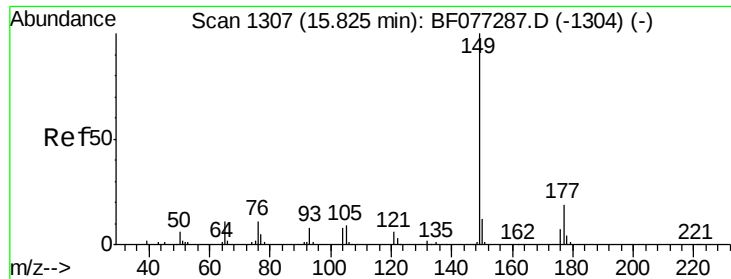
mohammad  
 2/13/2015 5:40:01 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 36.20 ng  
 RT: 15.40 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 56.0  | 0.0   | 0.0#  |
| 130     | 2.3   | 0.0   | 0.0#  |
| 166     | 42.4  | 0.0   | 0.0#  |





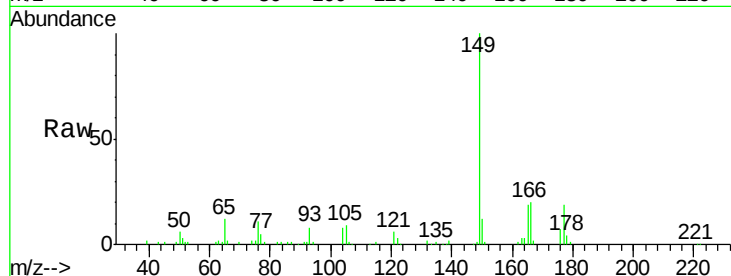
#59  
Diethylphthalate  
Concen: 43.92 ng  
RT: 15.83 min Scan# 1307  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

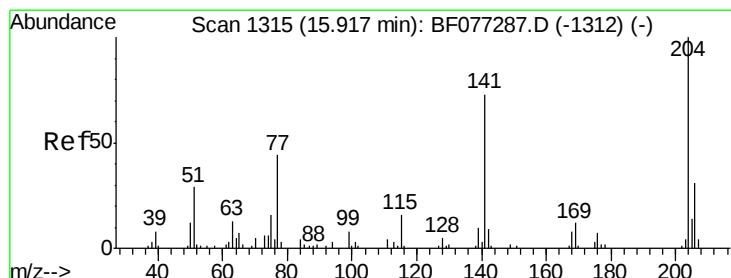
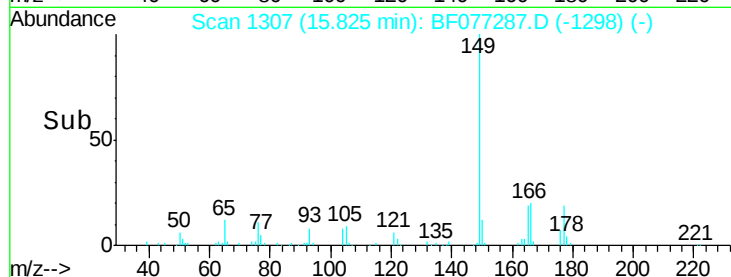
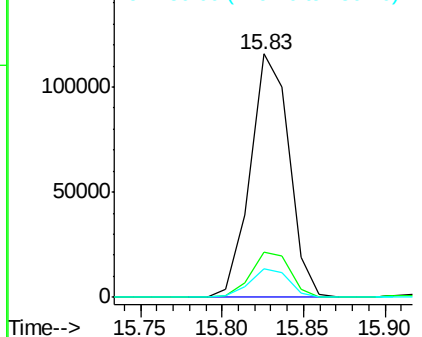
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 191433 |       |       |
| 177     | 18.7  | 15.0   | 22.4  |       |
| 150     | 11.8  | 9.4    | 14.2  |       |

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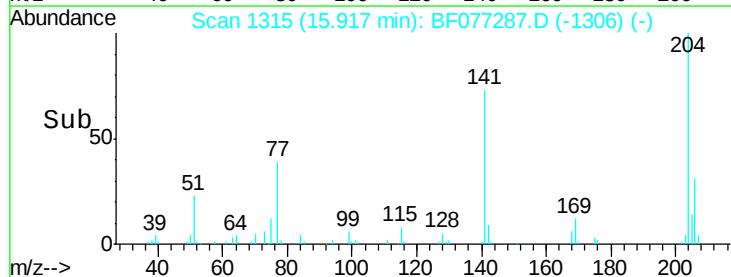
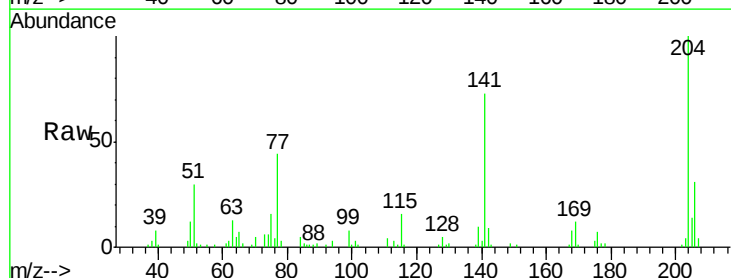
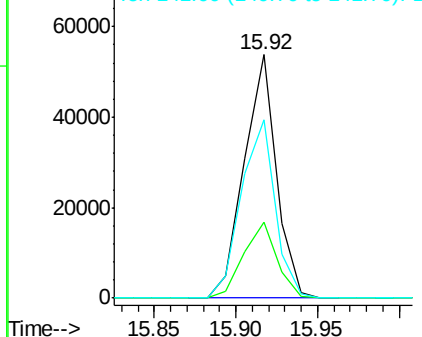
Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

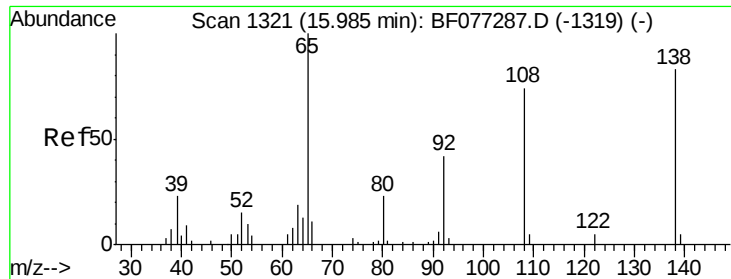


#60  
4-Chlorophenyl-phenylether  
Concen: 41.46 ng  
RT: 15.92 min Scan# 1315  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 73691 |       |       |
| 206     | 31.3  | 25.0  | 37.6  |       |
| 141     | 73.2  | 58.6  | 87.8  |       |

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





#61

4-Nitroaniline

Concen: 41.82 ng

RT: 15.99 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

LabSampleId :

SSTDICCC040

Tot Ion:138 Resp: 41056

Ion Ratio Lower Upper

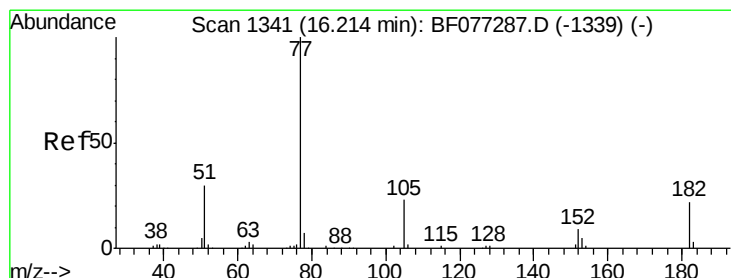
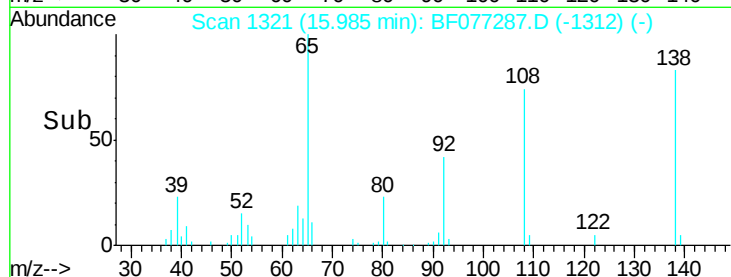
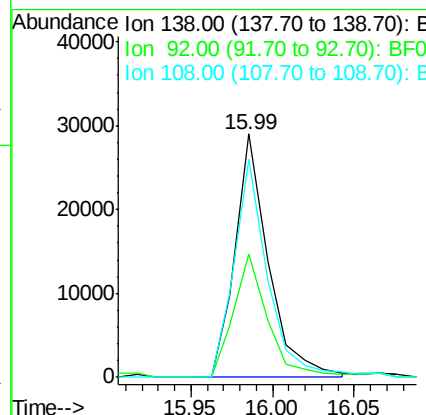
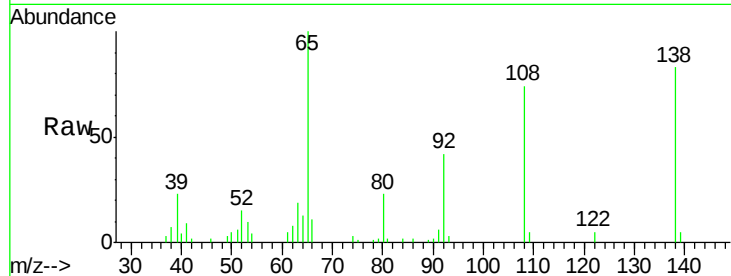
138 100

92 50.7 30.7 70.7

108 89.7 69.7 109.7

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#62

Azobenzene

Concen: 39.17 ng m

RT: 16.21 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Tgt Ion: 77 Resp: 174390

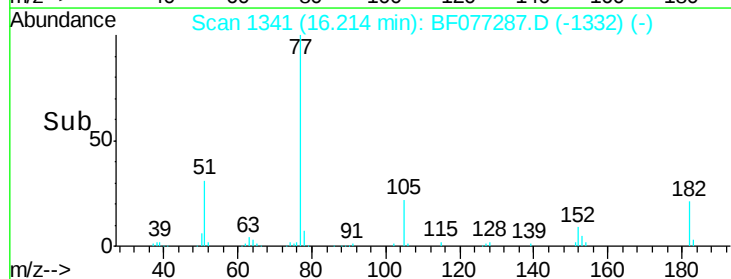
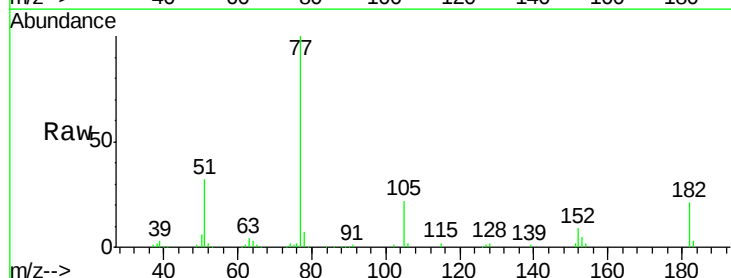
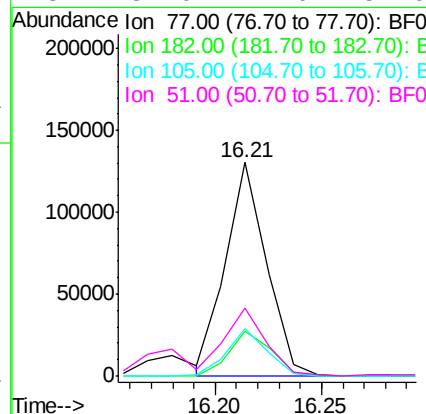
Ion Ratio Lower Upper

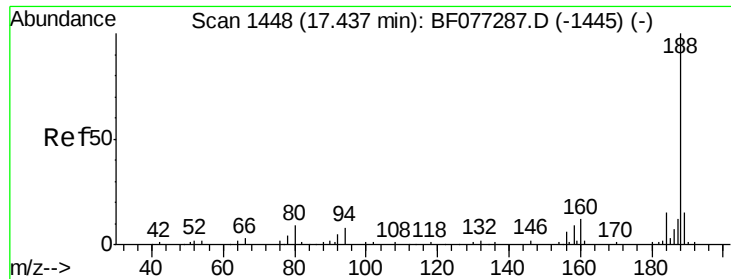
77 100

182 20.9 0.9 40.9

105 22.2 2.2 42.2

51 32.0 12.0 52.0





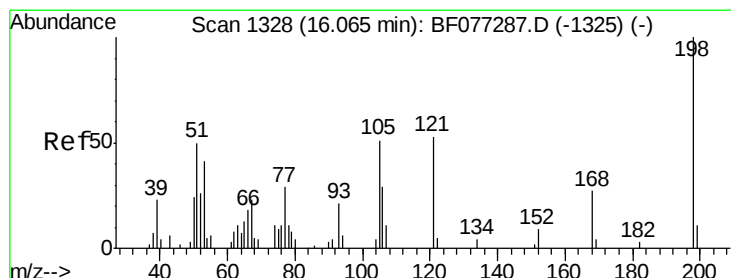
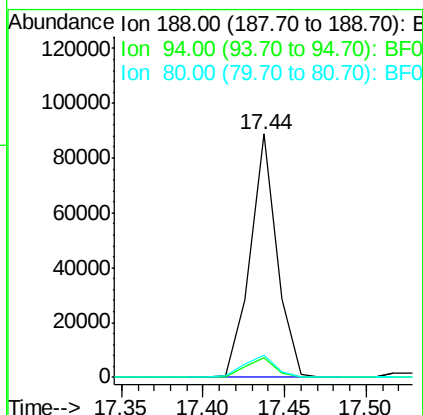
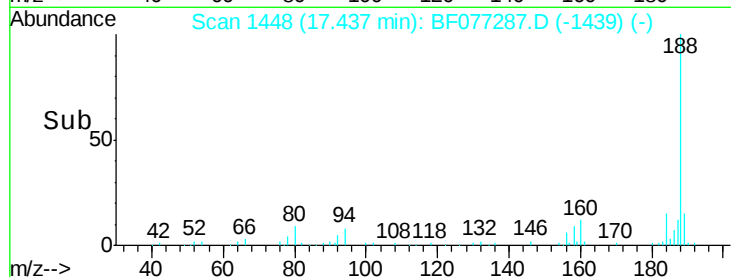
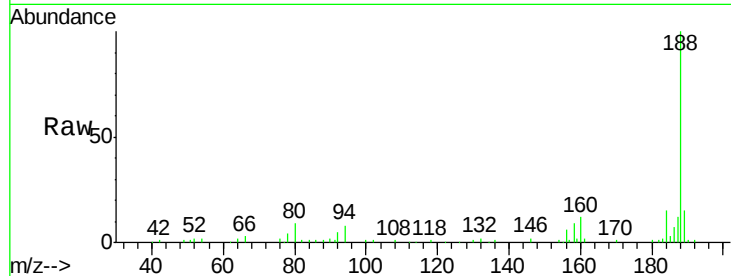
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.44 min Scan# 1448  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 8.1   | 6.5        | 9.7   |
| 80      | 8.9   | 7.1        | 10.7  |

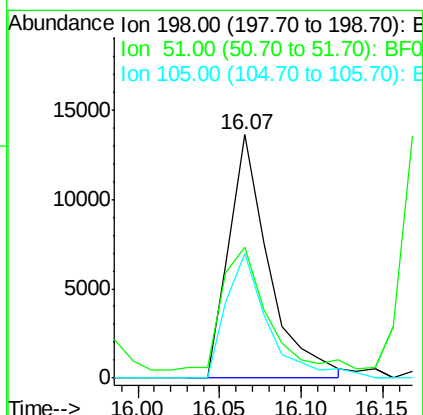
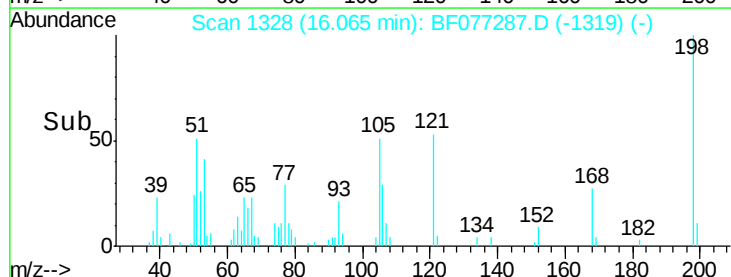
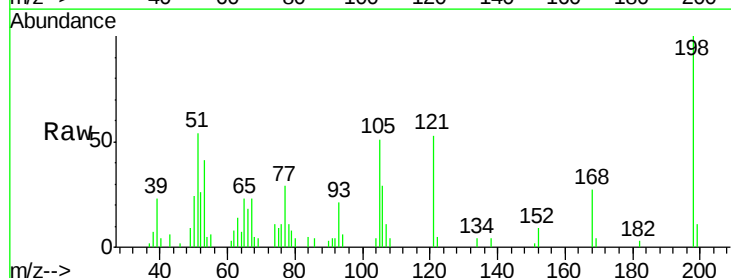
Manual Integrations  
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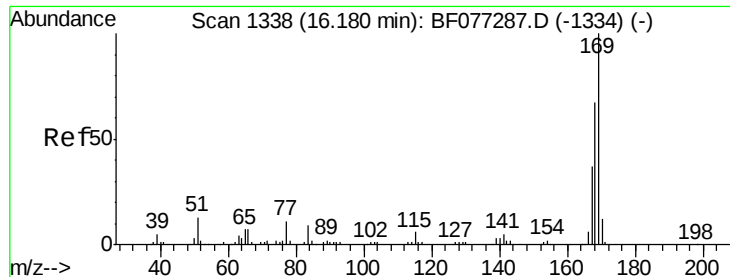
mohammad  
2/13/2015 5:40:01 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.24 ng  
RT: 16.07 min Scan# 1328  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 53.8  | 33.8       | 73.8  |
| 105     | 50.9  | 30.9       | 70.9  |





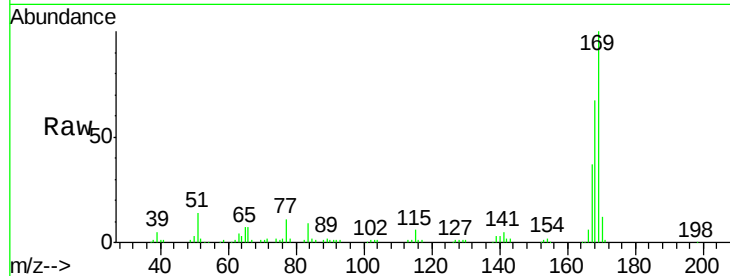
#65  
n-Nitrosodiphenylamine  
Concen: 41.57 ng  
RT: 16.18 min Scan# 1338  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 148712 |       |       |
| 168     | 67.4  | 53.9   | 80.9  |       |
| 167     | 37.0  | 29.6   | 44.4  |       |

Manual Integrations  
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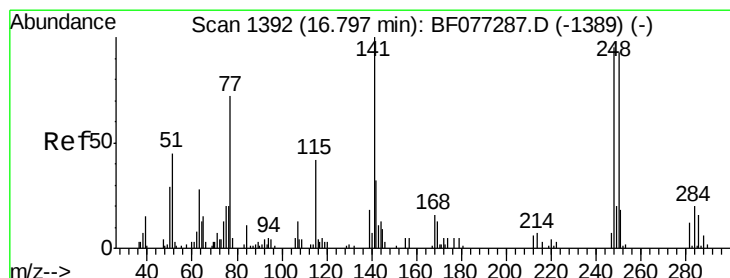
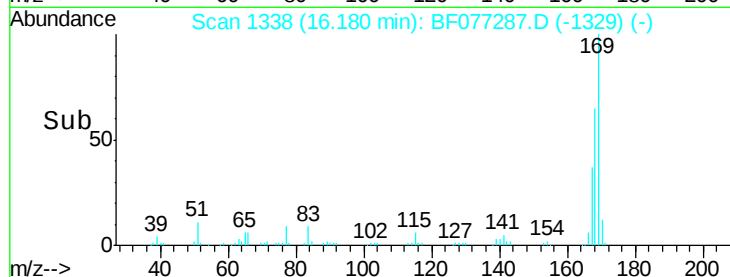
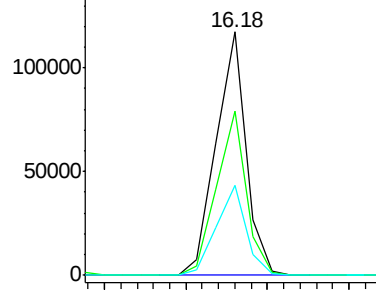


Abundance

Ion 169.00 (168.70 to 169.70): E

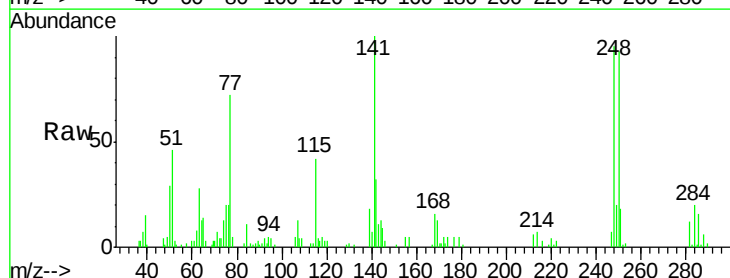
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66  
4-Bromophenyl-phenylether  
Concen: 43.13 ng  
RT: 16.80 min Scan# 1392  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 44028 |       |       |
| 250     | 97.3  | 77.8  | 116.8 |       |
| 141     | 104.7 | 83.8  | 125.6 |       |

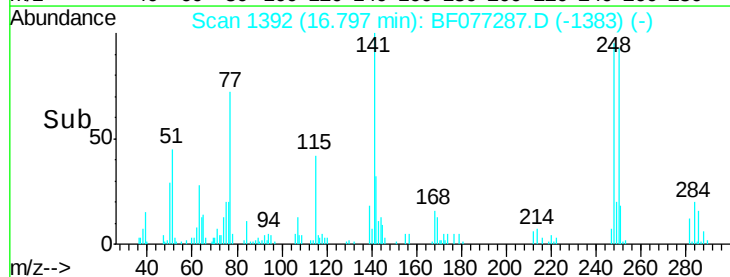
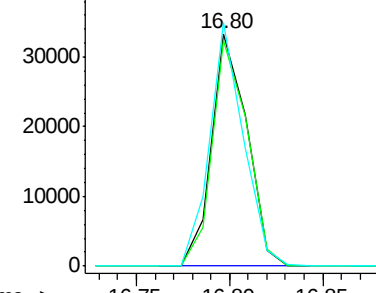


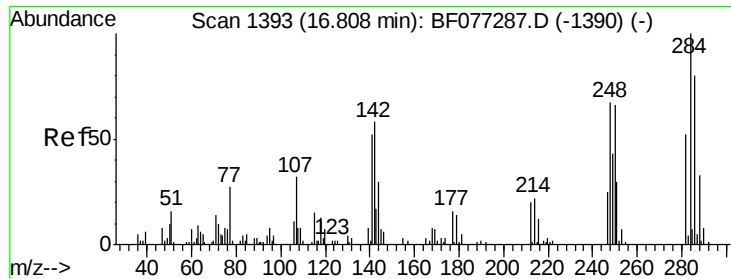
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





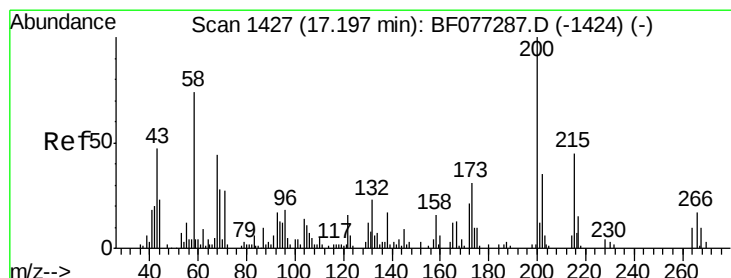
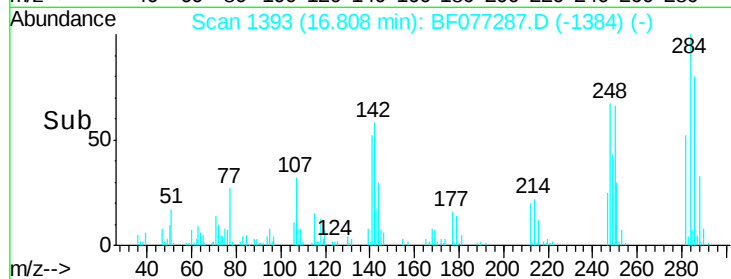
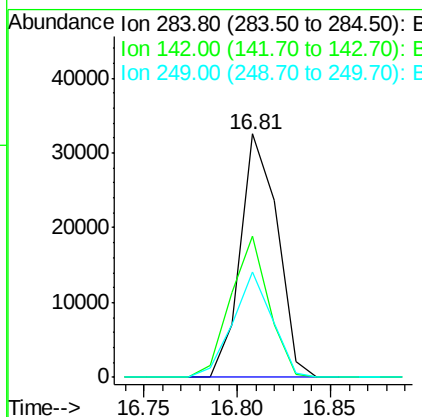
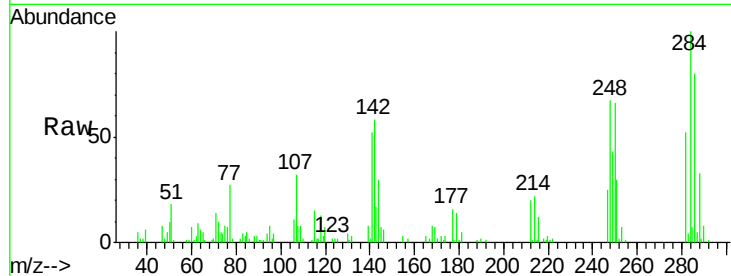
#67  
Hexachlorobenzene  
Concen: 41.61 ng  
RT: 16.81 min Scan# 1393  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 44835 |       |       |
| 142     | 57.8  | 46.2  | 69.4  |       |
| 249     | 43.1  | 34.5  | 51.7  |       |

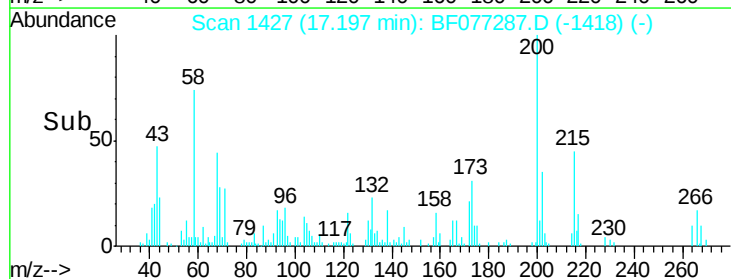
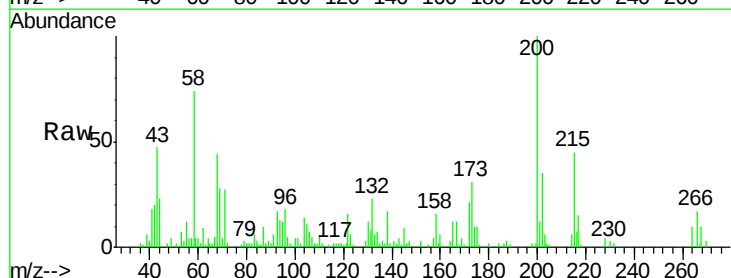
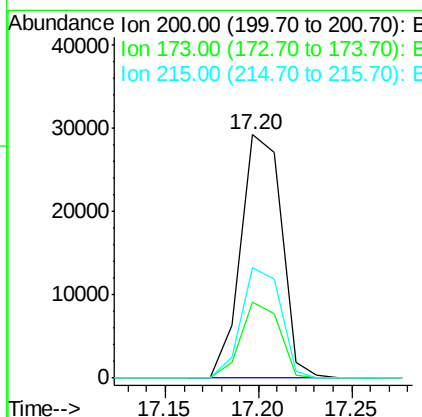
Manual Integrations  
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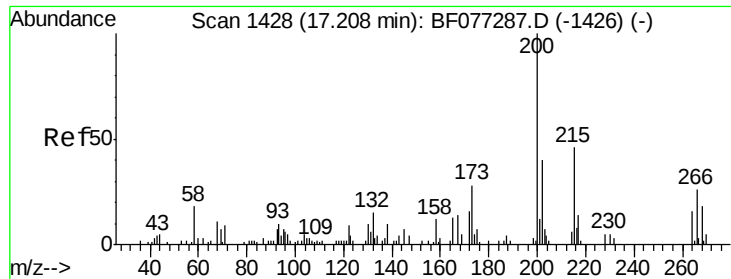
mohammad  
2/13/2015 5:40:01 PM



#68  
Atrazine  
Concen: 41.41 ng  
RT: 17.20 min Scan# 1427  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 44494 |       |       |
| 173     | 31.3  | 11.3  | 51.3  |       |
| 215     | 45.3  | 25.3  | 65.3  |       |





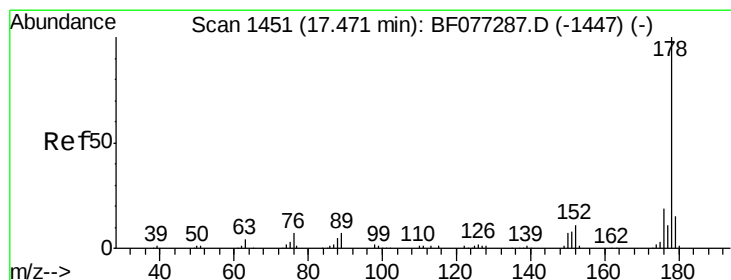
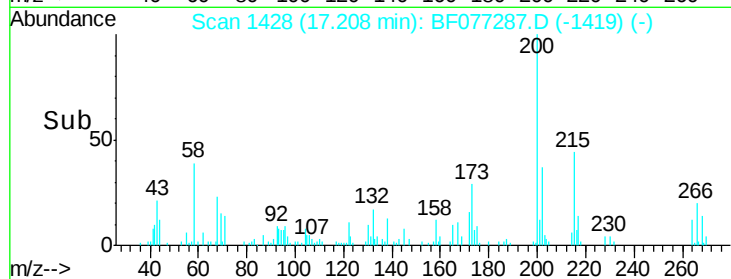
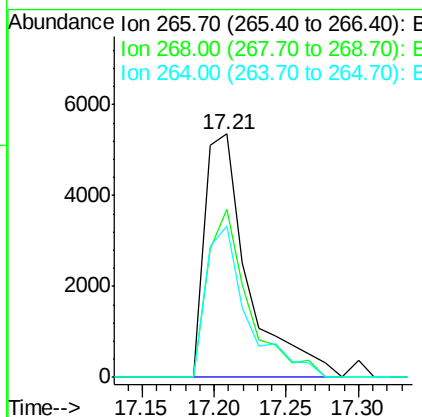
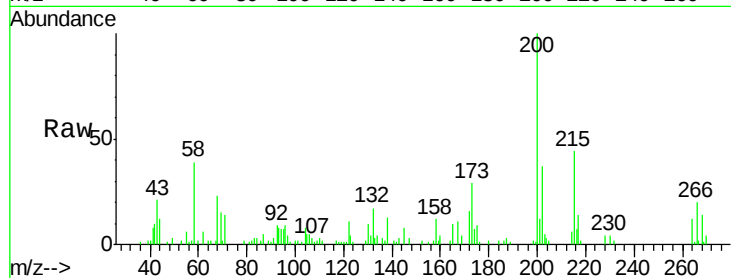
#69  
 Pentachlorophenol  
 Concen: 29.49 ng/mL  
 RT: 17.21 min Scan# 1428  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.8  | 55.0  | 82.6  |
| 264     | 61.9  | 49.5  | 74.3  |

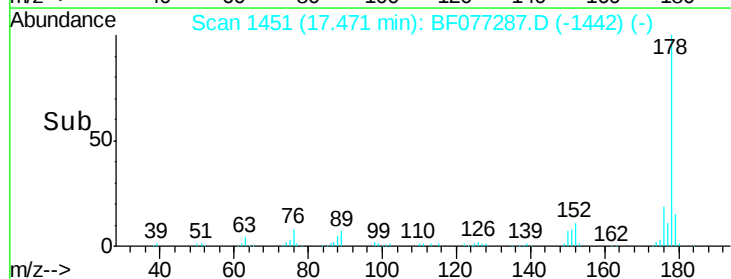
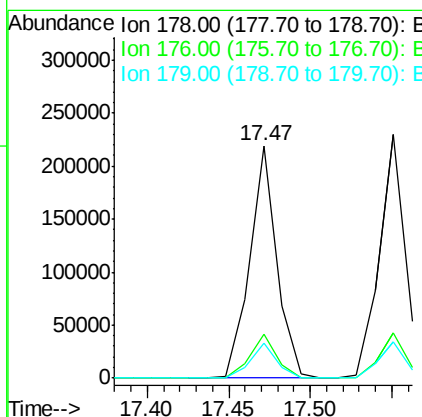
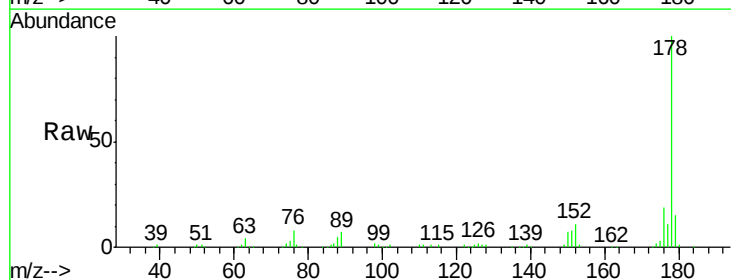
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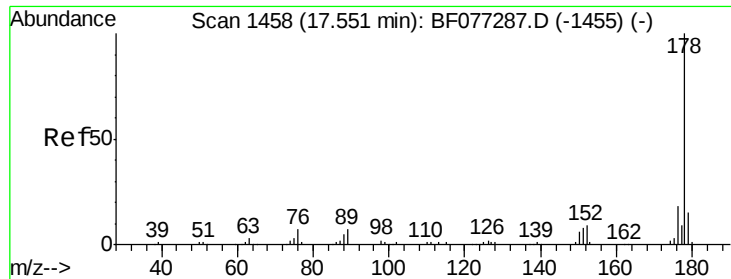
mohammad  
 2/13/2015 5:40:01 PM



#70  
 Phenanthrene  
 Concen: 40.30 ng/mL  
 RT: 17.47 min Scan# 1451  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.2  | 22.8  |
| 179     | 15.1  | 12.1  | 18.1  |





#71

Anthracene

Concen: 41.79 ng

RT: 17.55 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

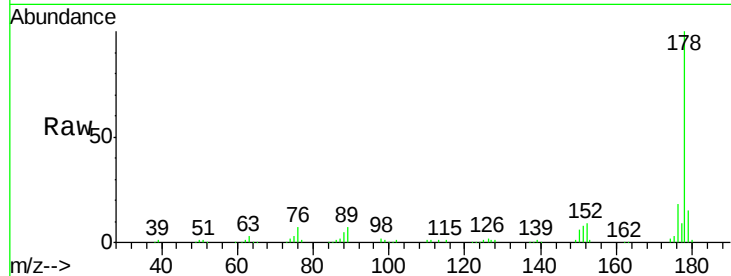
LabSampleId :

SSTDICCC040

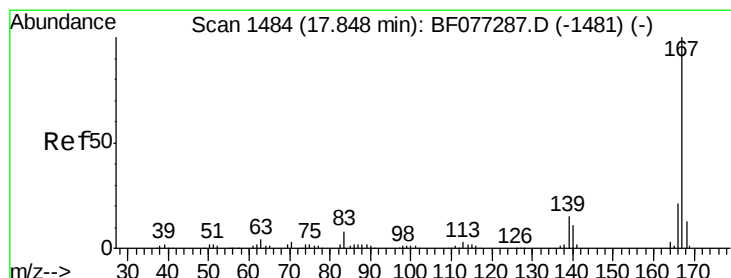
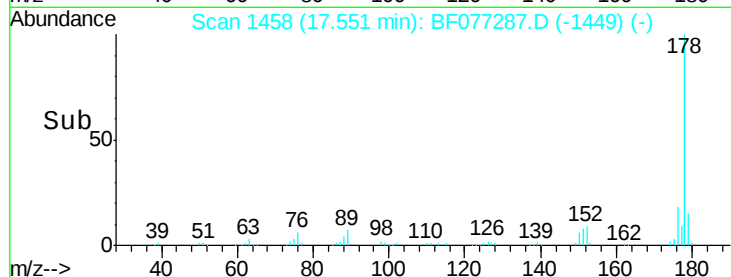
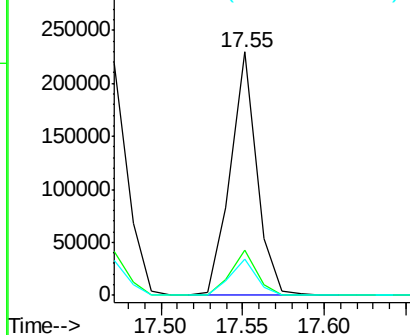
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 256890 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 18.3  | 14.6  | 22.0   |
| 179       | 15.1  | 12.1  | 18.1   |

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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



#72

Carbazole

Concen: 41.11 ng

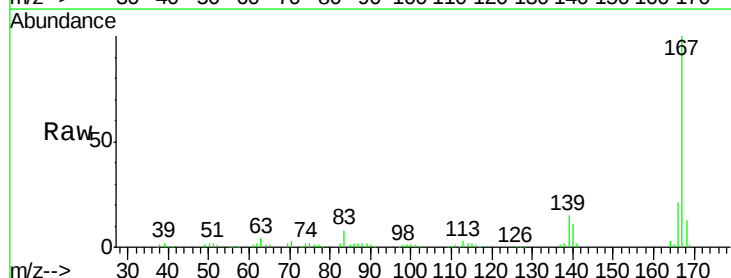
RT: 17.85 min Scan# 1484

Delta R.T. 0.00 min

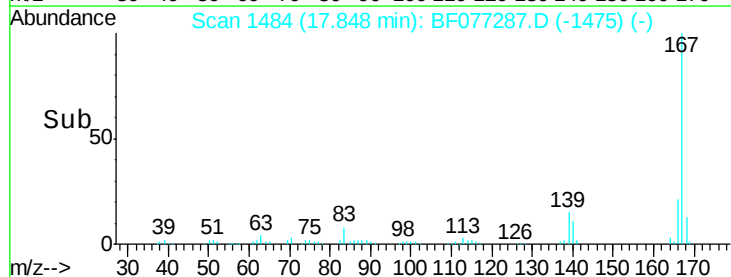
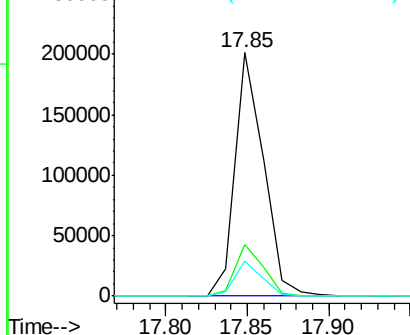
Lab File: BF077287.D

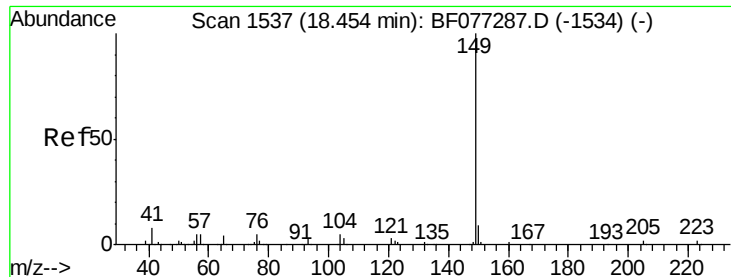
Acq: 12 Feb 2015 15:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 243458 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.3  | 17.0  | 25.6   |
| 139       | 14.6  | 11.7  | 17.5   |



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.52 ng

RT: 18.45 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

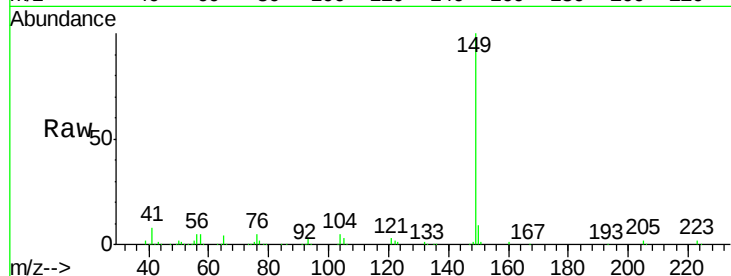
LabSampleId :

SSTDICCC040

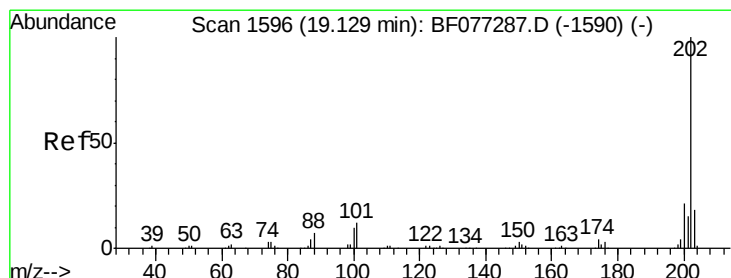
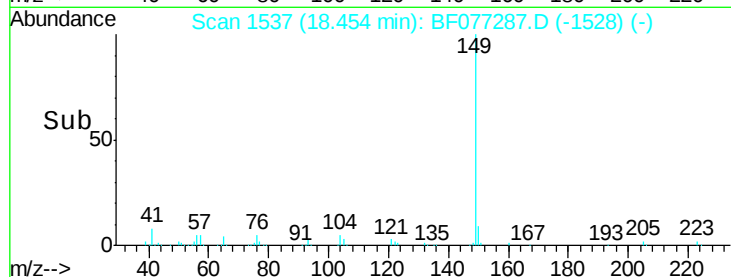
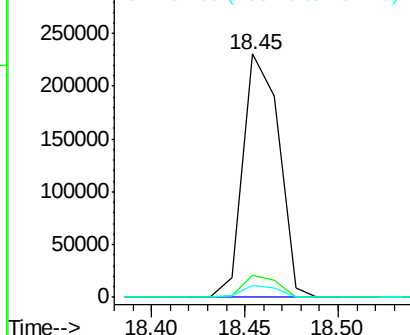
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 308754 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.3   | 7.4   | 11.2   |
| 104       | 5.2   | 4.2   | 6.2    |

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



#74

Fluoranthene

Concen: 40.45 ng

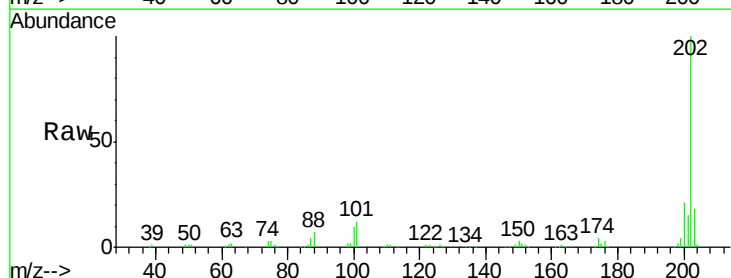
RT: 19.13 min Scan# 1596

Delta R.T. 0.00 min

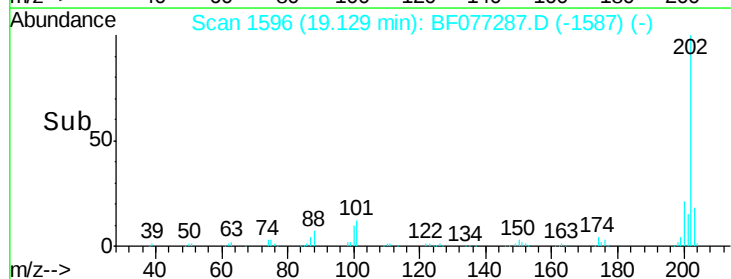
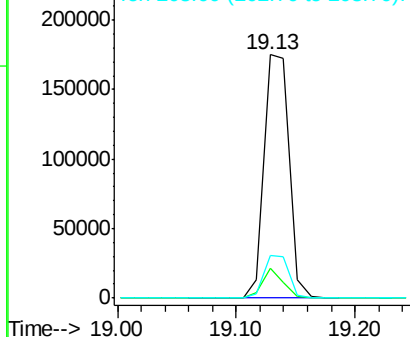
Lab File: BF077287.D

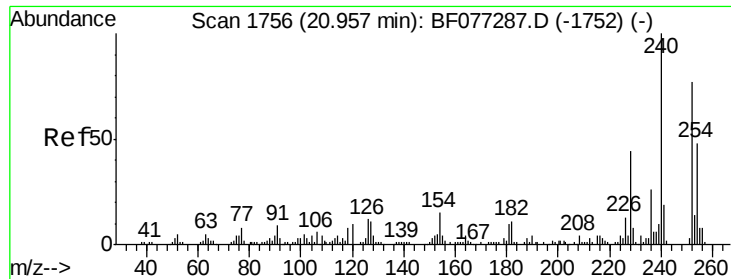
Acq: 12 Feb 2015 15:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 258179 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.4  | 0.0   | 32.4   |
| 203       | 17.8  | 0.0   | 37.8   |



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.96 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF077287.D

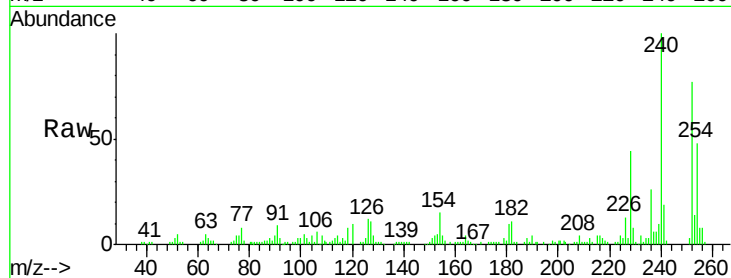
Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

LabSampleId :

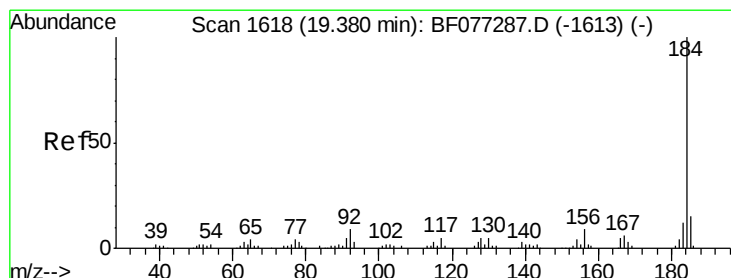
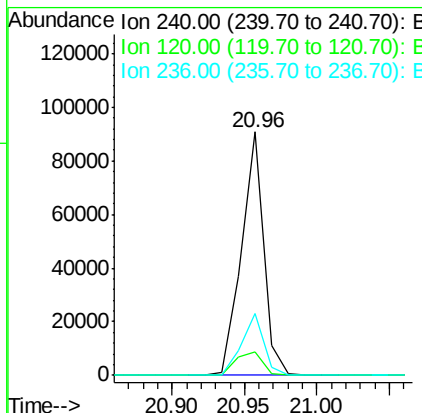
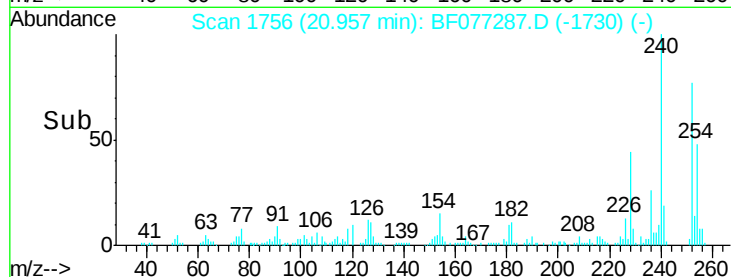
SSTDICCC040



|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 240   | Resp: | 97176 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 9.8   | 7.8   | 11.8  |
| 236       | 25.5  | 20.4  | 30.6  |

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#76

Benzidine

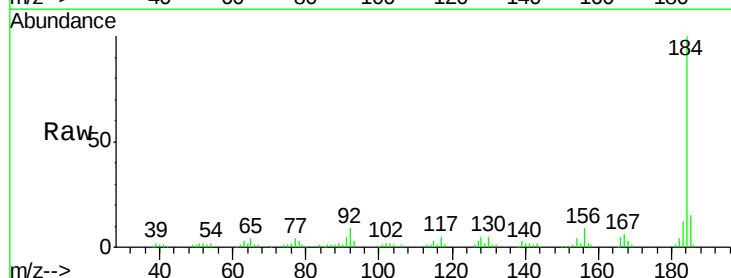
Concen: 45.71 ng

RT: 19.38 min Scan# 1618

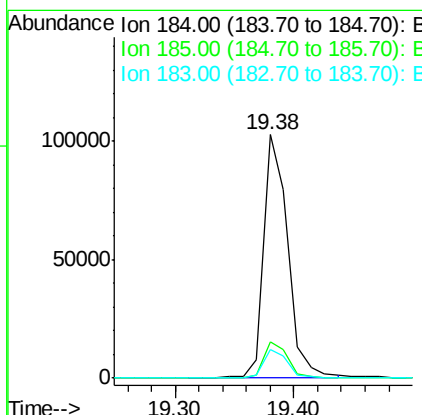
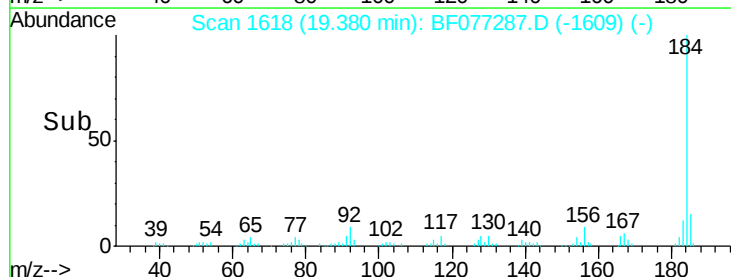
Delta R.T. 0.00 min

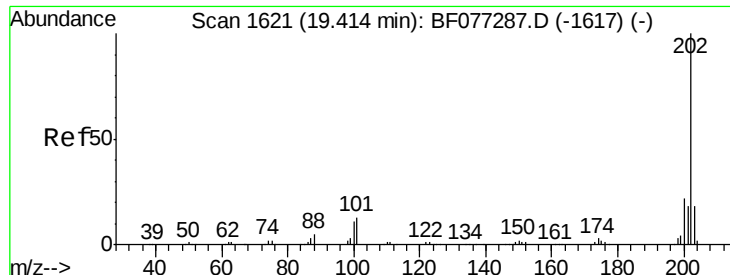
Lab File: BF077287.D

Acq: 12 Feb 2015 15:56



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 145768 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.7  | 11.8  | 17.6   |
| 183       | 11.6  | 9.3   | 13.9   |





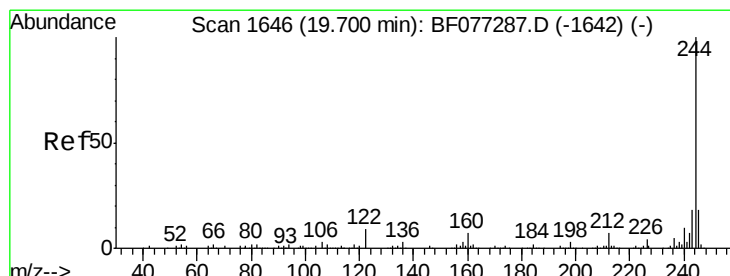
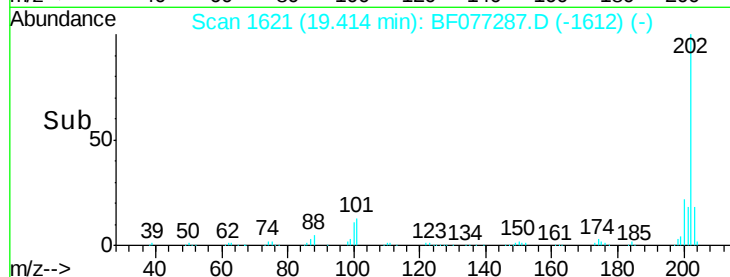
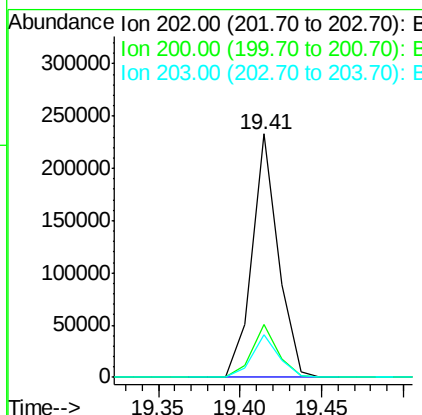
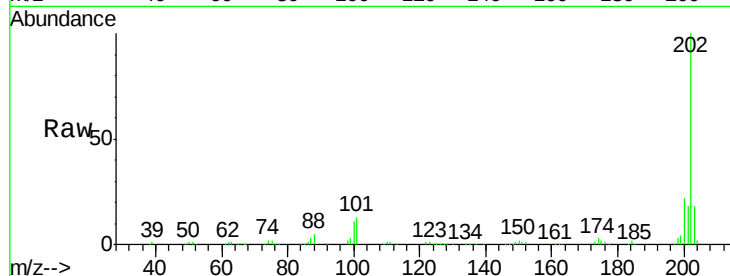
#77  
Pvrene  
Concen: 39.70 ng  
RT: 19.41 min Scan# 1621  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 259748 |       |       |
| 200     | 21.7  |        | 17.4  | 26.0  |
| 203     | 17.6  |        | 14.1  | 21.1  |

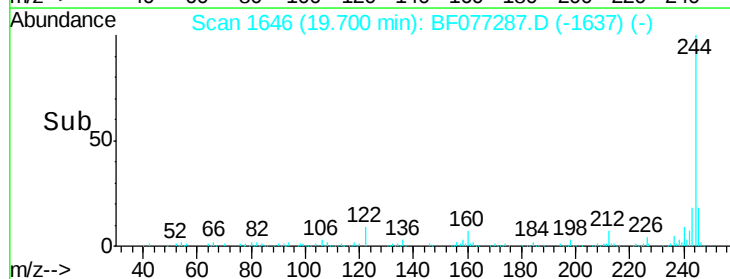
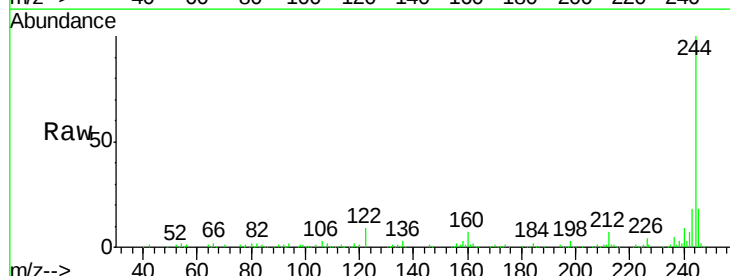
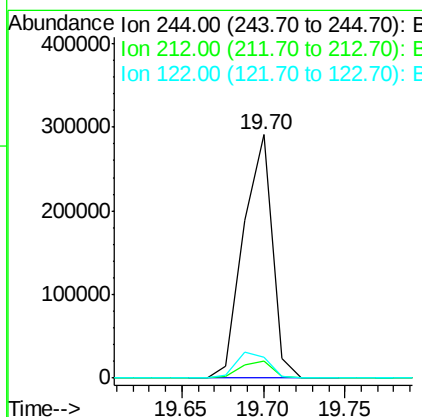
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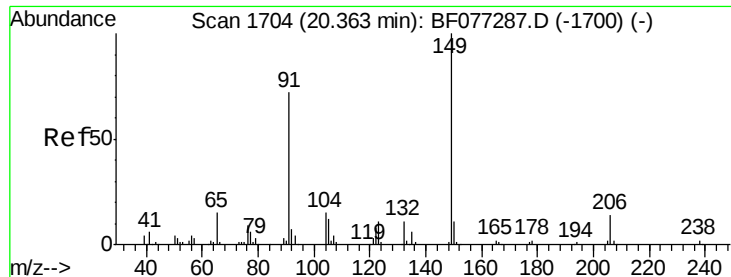
mohammad  
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#78  
Terphenyl-d14  
Concen: 84.49 ng  
RT: 19.70 min Scan# 1646  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 355324 |       |       |
| 212     | 7.0   |        | 5.6   | 8.4   |
| 122     | 8.7   |        | 7.0   | 10.4  |





#79

Butylbenzylphthalate

Concen: 45.96 ng

RT: 20.36 min Scan# 1704

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

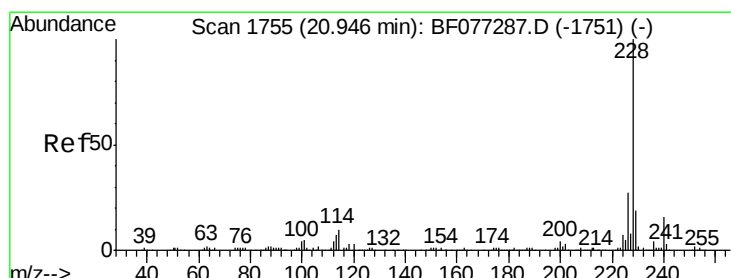
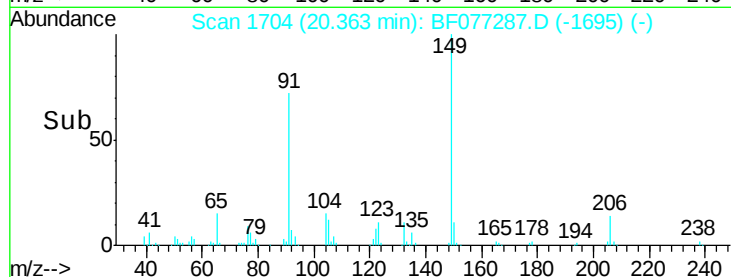
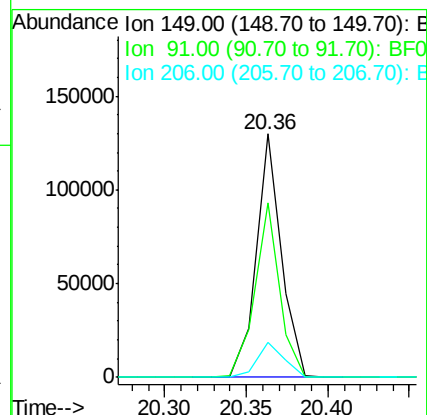
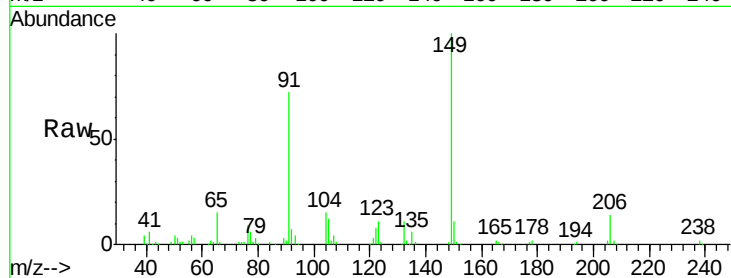
LabSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 138888 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 71.6  | 57.3  | 85.9   |
| 206       | 14.5  | 11.6  | 17.4   |

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#80

Benzo(a)anthracene

Concen: 41.35 ng

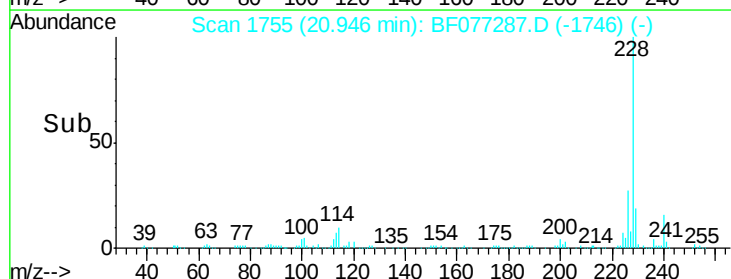
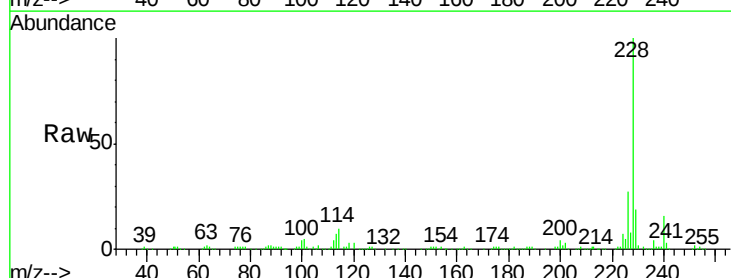
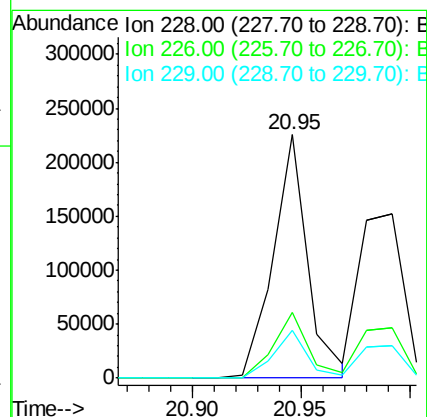
RT: 20.95 min Scan# 1755

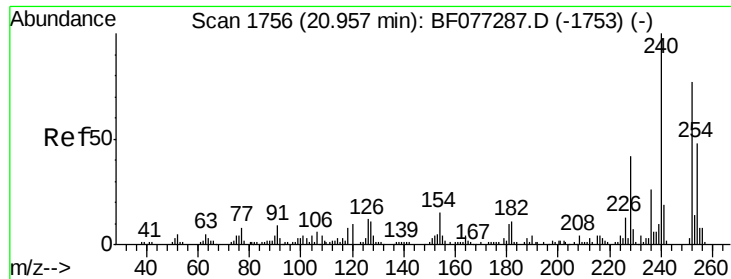
Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 249961 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 26.8  | 21.4  | 32.2   |
| 229       | 19.4  | 15.5  | 23.3   |





#81

3,3'-Dichlorobenzidine

Concen: 46.39 ng

RT: 20.96 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF077287.D

Acq: 12 Feb 2015 15:56

Instrument :

BNA\_F

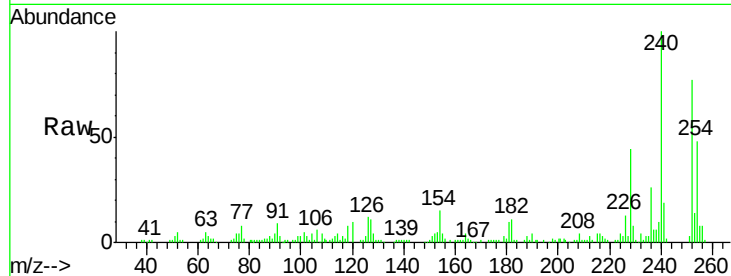
LabSampleId :

SSTDICCC040

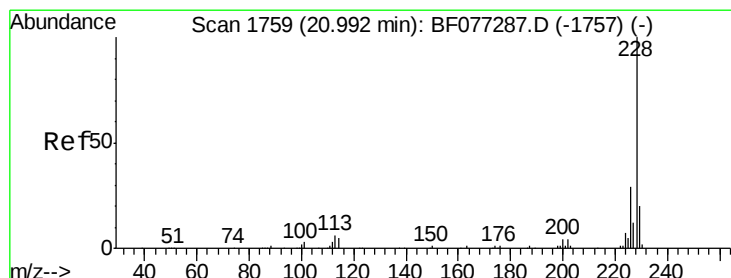
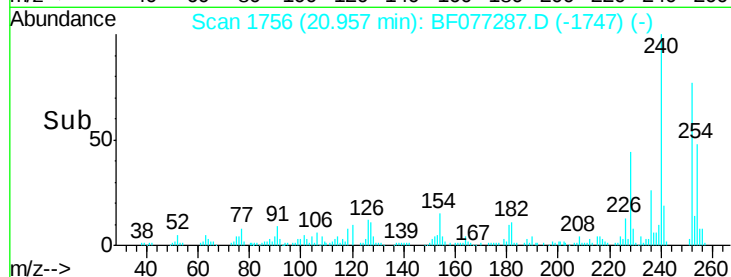
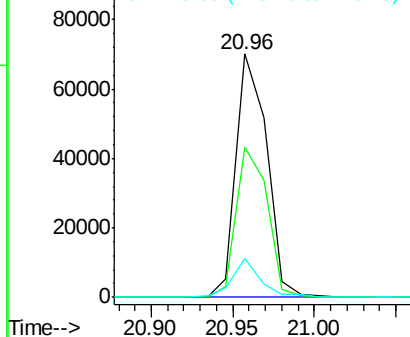
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 91070 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 61.9  | 49.5  | 74.3  |
| 126       | 15.8  | 12.6  | 19.0  |

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



#82

Chrysene

Concen: 39.58 ng

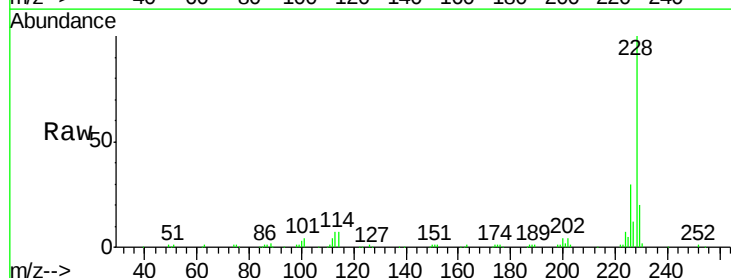
RT: 20.99 min Scan# 1759

Delta R.T. 0.00 min

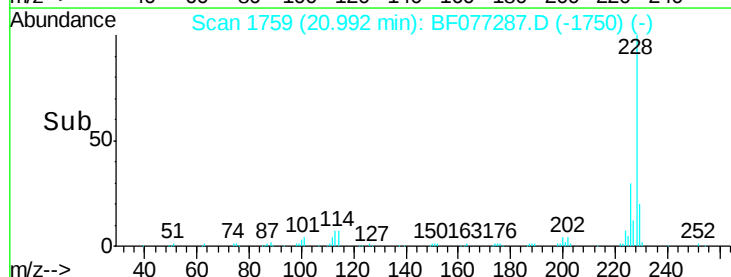
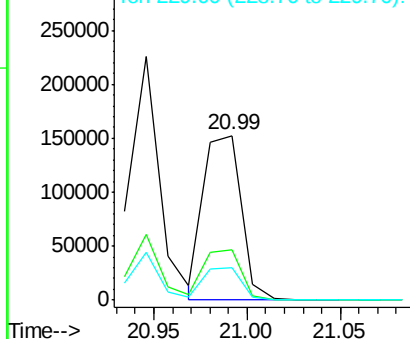
Lab File: BF077287.D

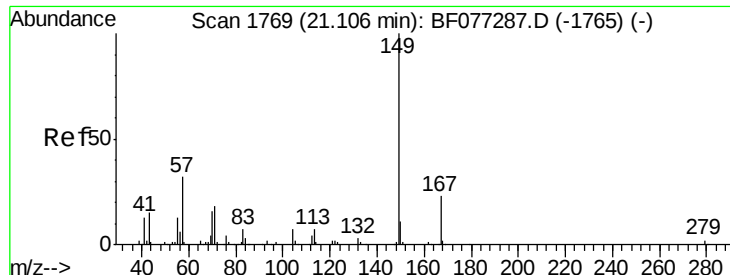
Acq: 12 Feb 2015 15:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 216421 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.4  | 24.3  | 36.5   |
| 229       | 19.8  | 15.8  | 23.8   |



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





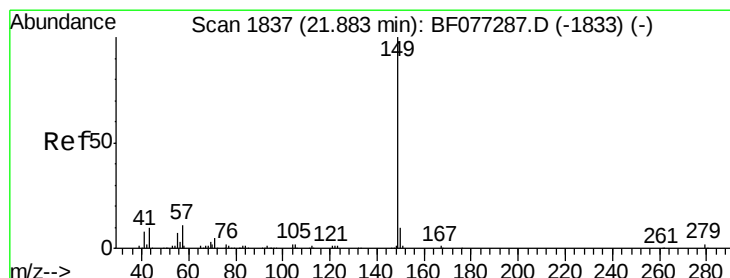
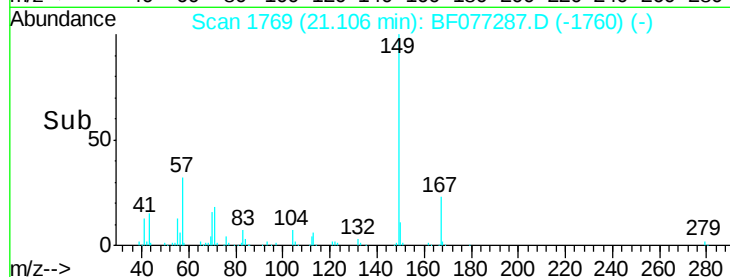
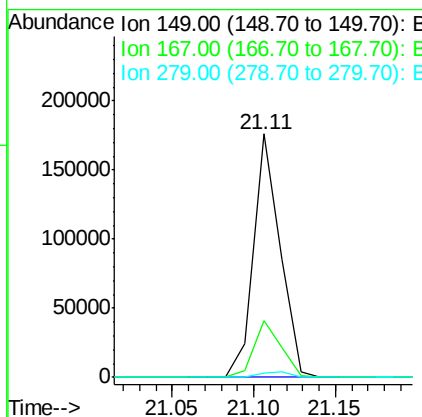
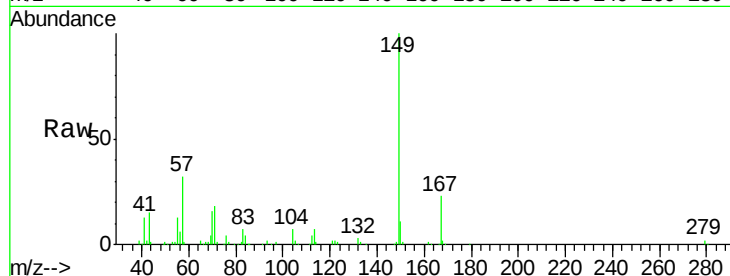
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.02 ng  
 RT: 21.11 min Scan# 1769  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 199499 |       |       |
| 167     | 23.3  | 18.6   | 28.0  |       |
| 279     | 1.9   | 1.5    | 2.3   |       |

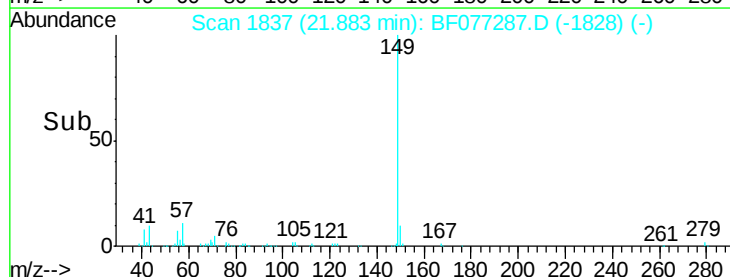
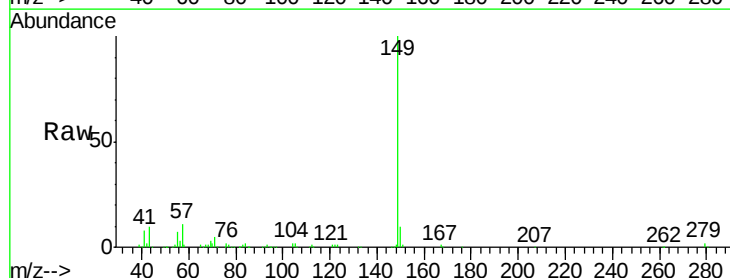
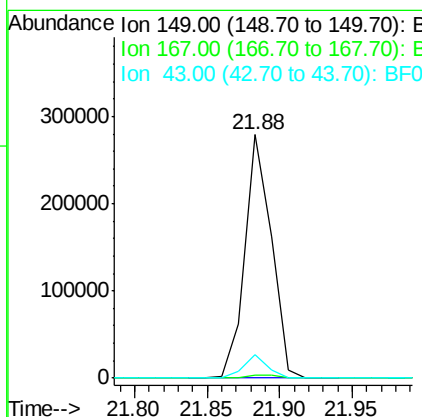
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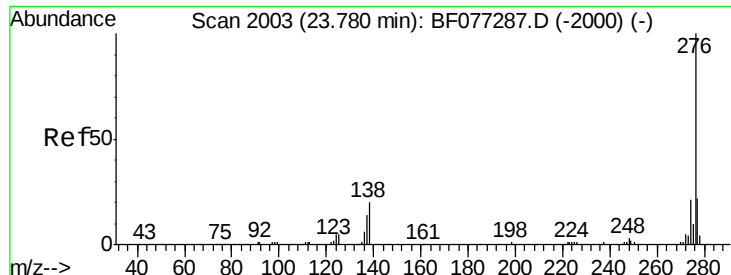
mohammad  
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#84  
 Di-n-octyl phthalate  
 Concen: 48.09 ng  
 RT: 21.88 min Scan# 1837  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 354417 |       |       |
| 167     | 1.4   | 1.1    | 1.7   |       |
| 43      | 9.1   | 7.3    | 10.9  |       |





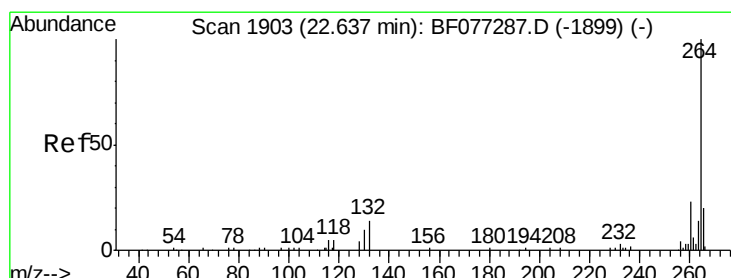
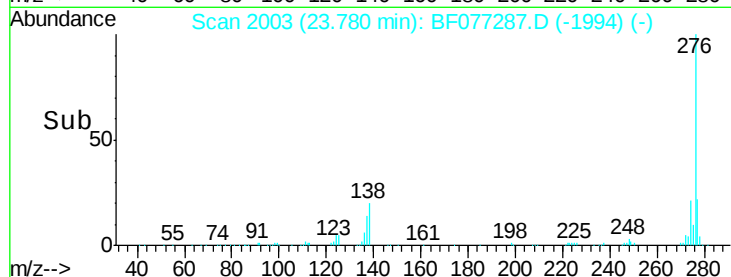
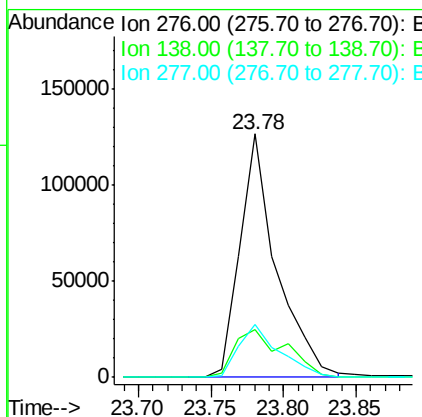
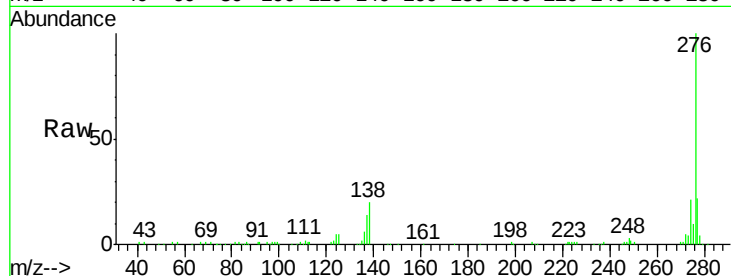
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 38.40 ng  
RT: 23.78 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 27.4  | 0.0        | 0.0#  |
| 277     | 24.5  | 0.0        | 0.0#  |

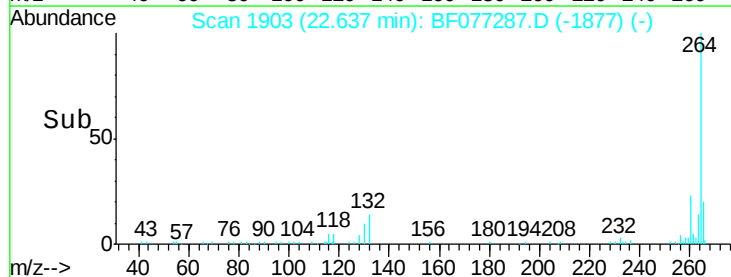
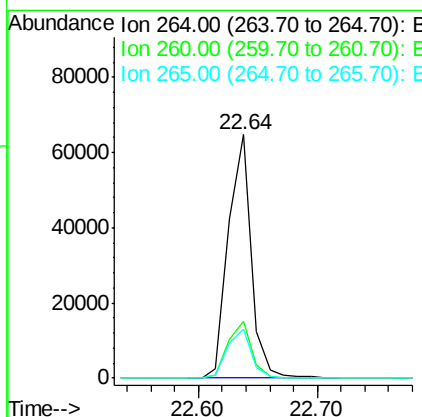
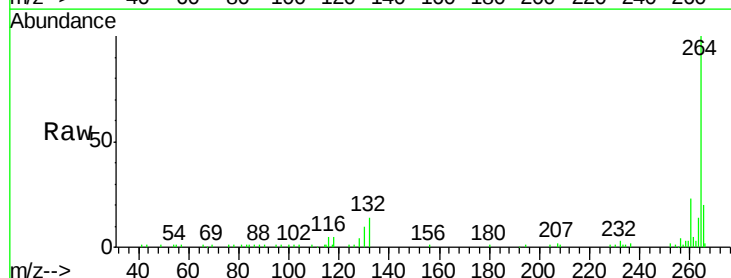
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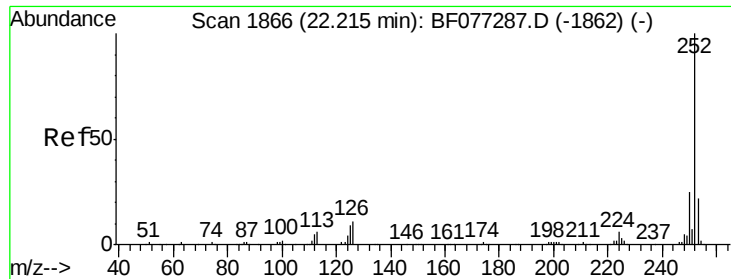
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 22.64 min Scan# 1903  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 23.2  | 18.6       | 27.8  |
| 265     | 20.2  | 16.2       | 24.2  |





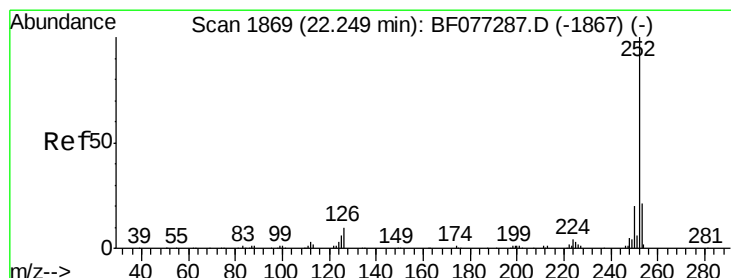
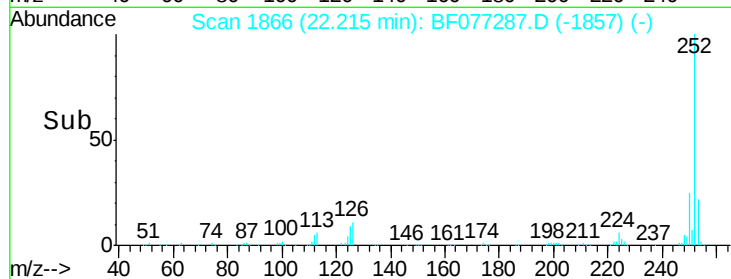
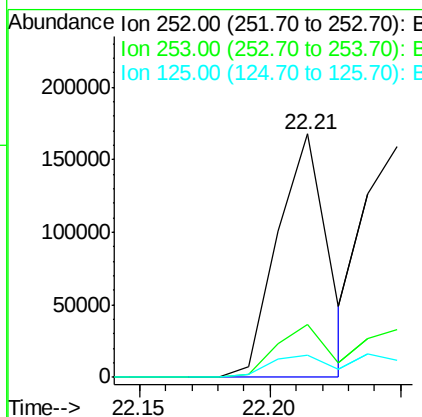
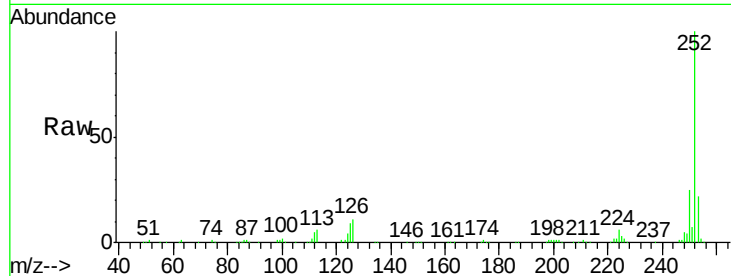
#87  
Benzo(b)fluoranthene  
Concen: 38.40 ng  
RT: 22.21 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 223181 |       |       |
| 253     | 21.8  |        | 17.4  | 26.2  |
| 125     | 8.9   |        | 7.1   | 10.7  |

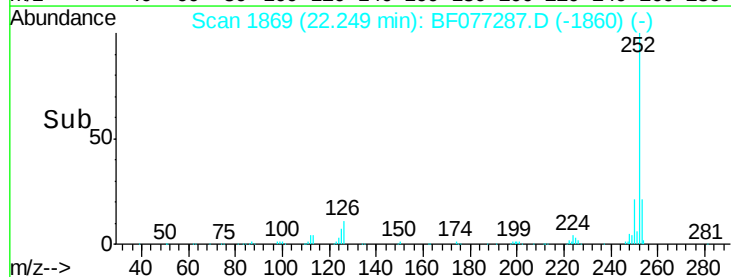
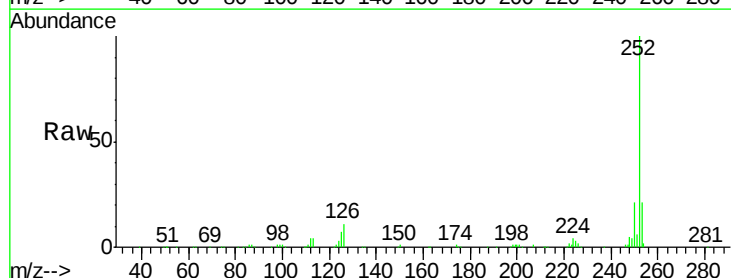
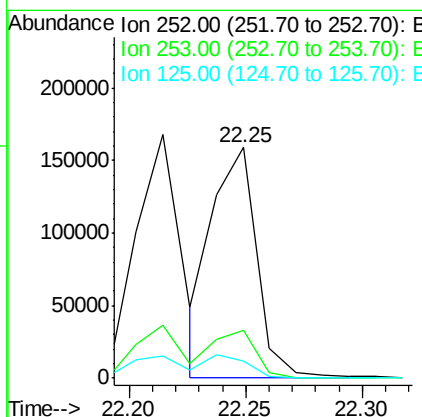
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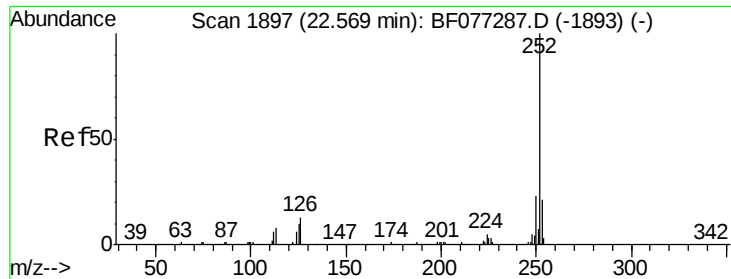
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#88  
Benzo(k)fluoranthene  
Concen: 42.80 ng m  
RT: 22.25 min Scan# 1869  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 214527 |       |       |
| 253     | 20.7  |        | 16.6  | 24.8  |
| 125     | 7.3   |        | 5.8   | 8.8   |





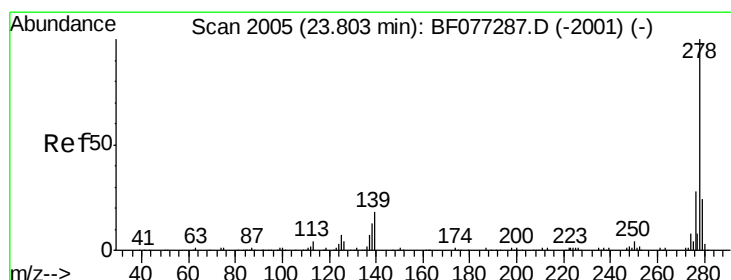
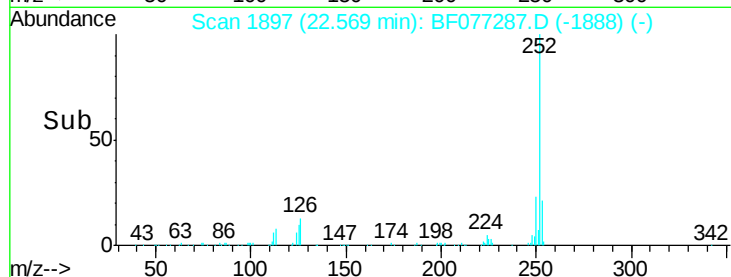
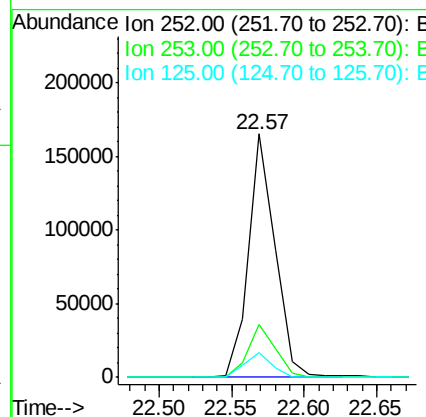
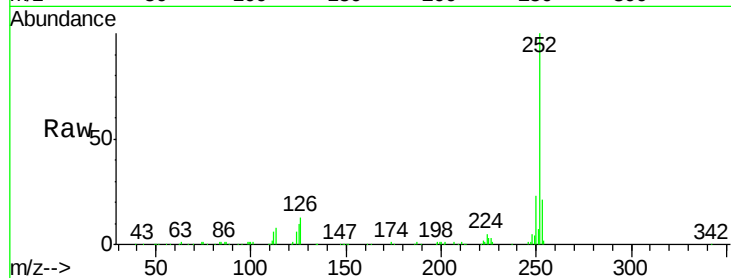
#89  
Benzo(a)pyrene  
Concen: 41.27 ng  
RT: 22.57 min Scan# 1897  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

Instrument :  
BNA\_F  
LabSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.2  | 25.8  |
| 125     | 10.3  | 8.2   | 12.4  |

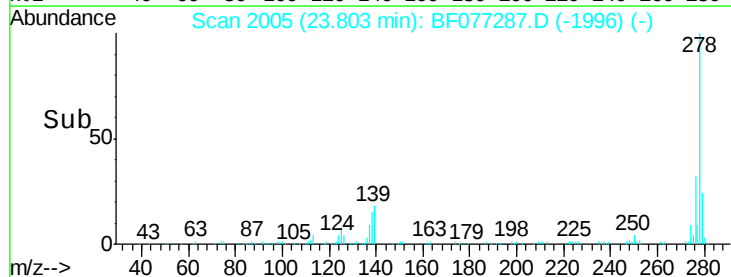
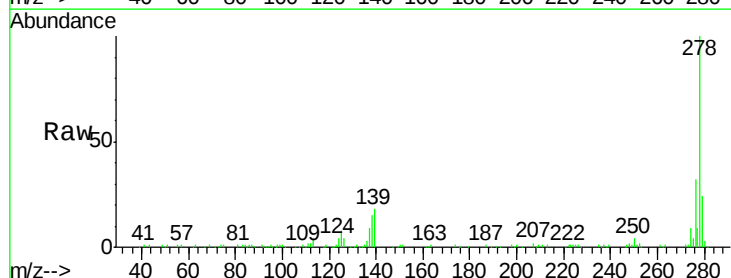
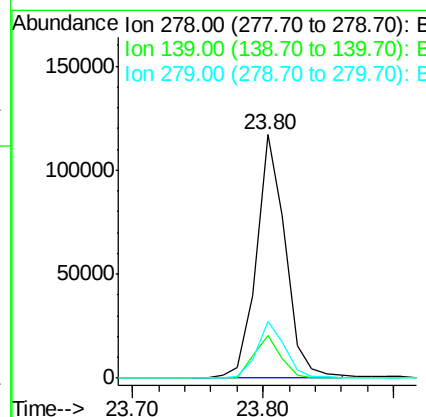
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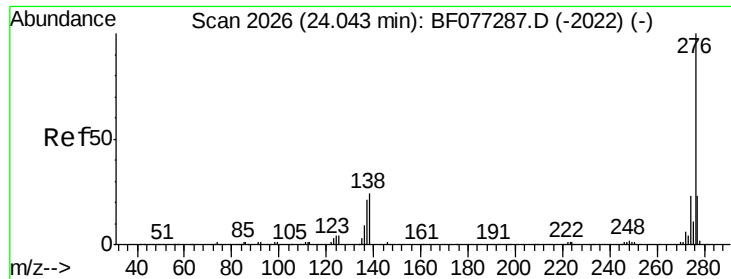
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#90  
Dibenzo(a,h)anthracene  
Concen: 39.21 ng  
RT: 23.80 min Scan# 2005  
Delta R.T. 0.00 min  
Lab File: BF077287.D  
Acq: 12 Feb 2015 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.7  | 14.2  | 21.2  |
| 279     | 23.6  | 18.9  | 28.3  |





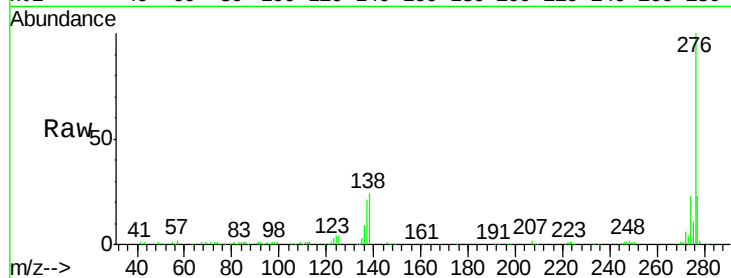
#91  
 Benzo(a,h,i)perylene  
 Concen: 39.21 ng  
 RT: 24.04 min Scan# 2026  
 Delta R.T. 0.00 min  
 Lab File: BF077287.D  
 Acq: 12 Feb 2015 15:56

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 18.7  | 28.1  |
| 138     | 23.9  | 19.1  | 28.7  |

Manual Integrations  
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 2/13/2015 5:40:01 PM



Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 277.00 (276.70 to 277.70): E  
 Ion 138.00 (137.70 to 138.70): E

