

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\  
 Data File : BF077698.D  
 Acq On : 11 Mar 2015 20:29  
 Operator : TP/IZ  
 Sample : G1475-01MSD  
 Misc : S  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-012-AMSD

Manual Integrations  
 APPROVED

mohammad  
 3/13/2015 9:40:30 AM

Quant Time: Mar 12 05:50:04 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 12 02:24:12 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.17  | 152  | 51483    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.75  | 136  | 208295   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.91 | 164  | 106628   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.75 | 188  | 206567   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.03 | 240  | 215582   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 17.76 | 264  | 204621   | 20.00 | ng    | 0.03     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.46  | 112  | 359833   | 122.00 | ng    | 0.00     |
| 7) Phenol-d6                | 6.74  | 99   | 453833   | 124.54 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.86  | 82   | 225114   | 70.84  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.89 | 330  | 107923   | 105.79 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 10.09 | 172  | 493405   | 68.00  | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.75 | 244  | 601339   | 68.14  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.08 | 88   | 40352    | 30.13 | ng    | # 100  |
| 3) Pyridine                    | 2.76 | 79   | 117896   | 32.77 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 2.69 | 42   | 54733    | 34.94 | ng    | 97     |
| 6) Aniline                     | 6.76 | 93   | 123135   | 23.62 | ng    | # 89   |
| 8) 2-Chlorophenol              | 6.90 | 128  | 120760   | 34.40 | ng    | 99     |
| 9) Benzaldehyde                | 6.61 | 77   | 14663    | 9.82  | ng    | 96     |
| 10) Phenol                     | 6.75 | 94   | 171832   | 39.89 | ng    | 88     |
| 11) bis(2-Chloroethyl)ether    | 6.86 | 93   | 117792   | 36.51 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 7.09 | 146  | 125497   | 32.14 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 7.20 | 146  | 124814   | 30.76 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 7.38 | 146  | 122183   | 32.85 | ng    | 97     |
| 15) Benzyl Alcohol             | 7.36 | 79   | 100433   | 35.31 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.54 | 45   | 143585   | 33.02 | ng    | 99     |
| 17) 2-Methylphenol             | 7.50 | 107  | 97665    | 34.17 | ng    | 98     |
| 18) Hexachloroethane           | 7.79 | 117  | 43042    | 32.35 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.69 | 70   | 81618    | 32.38 | ng    | 98     |
| 20) 3+4-Methylphenols          | 7.70 | 107  | 129856   | 34.62 | ng    | 99     |
| 22) Acetophenone               | 7.68 | 105  | 164103   | 35.59 | ng    | # 98   |
| 24) Nitrobenzene               | 7.88 | 77   | 116007   | 33.89 | ng    | 97     |
| 25) Isophorone                 | 8.19 | 82   | 211625   | 32.98 | ng    | 95     |
| 26) 2-Nitrophenol              | 8.28 | 139  | 58502    | 34.91 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 8.35 | 122  | 103641   | 33.94 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.46 | 93   | 133901   | 34.38 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 8.58 | 162  | 105562   | 36.27 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.68 | 180  | 109807   | 33.72 | ng    | 98     |
| 31) Naphthalene                | 8.77 | 128  | 354402   | 33.13 | ng    | 100    |
| 32) Benzoic acid               | 8.43 | 122  | 26730    | 17.78 | ng    | 91     |
| 33) 4-Chloroaniline            | 8.85 | 127  | 95138    | 21.91 | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.93 | 225  | 60715    | 32.90 | ng    | 97     |
| 35) Caprolactam                | 9.25 | 113  | 30350    | 35.68 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 9.46 | 107  | 104967   | 35.85 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 9.63 | 142  | 247286   | 34.41 | ng    | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.84 | 216  | 108997   | 34.27 | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 9.82 | 237  | 106625   | 67.49 | ng    | 100    |

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 Misc : S  
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 FK-GF-01-012-AMSD

Manual Integrations  
 APPROVED

mohammad  
 3/13/2015 9:40:30 AM

Quant Time: Mar 12 05:50:04 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 12 02:24:12 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.98  | 196  | 75882    | 34.45 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 10.03 | 196  | 80256    | 33.72 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 10.21 | 154  | 297024   | 34.85 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 10.22 | 162  | 229187   | 33.09 | ng    | # 90     |
| 47) 2-Nitroaniline             | 10.36 | 65   | 62710    | 36.45 | ng    | 96       |
| 48) Acenaphthylene             | 10.74 | 152  | 372582   | 32.35 | ng    | 100      |
| 49) Dimethylphthalate          | 10.60 | 163  | 305204   | 38.59 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 10.67 | 165  | 60124    | 36.68 | ng    | 93       |
| 51) Acenaphthene               | 10.96 | 154  | 211315   | 32.00 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.88 | 138  | 51084    | 26.83 | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 11.00 | 184  | 35139    | 60.53 | ng    | 96       |
| 54) Dibenzofuran               | 11.17 | 168  | 340519   | 34.76 | ng    | 99       |
| 55) 4-Nitrophenol              | 11.09 | 139  | 107922   | 76.52 | ng    | 94       |
| 56) 2,4-Dinitrotoluene         | 11.16 | 165  | 76203    | 35.65 | ng    | 92       |
| 57) Fluorene                   | 11.60 | 166  | 274279   | 33.72 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.32 | 232  | 65340    | 35.65 | ng    | # 100    |
| 59) Diethylphthalate           | 11.48 | 149  | 267152   | 34.67 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 11.61 | 204  | 126274   | 34.02 | ng    | 98       |
| 61) 4-Nitroaniline             | 11.62 | 138  | 59628    | 31.43 | ng    | 75       |
| 62) Azobenzene                 | 11.80 | 77   | 255154   | 34.65 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 11.66 | 198  | 32141    | 34.30 | ng    | 91       |
| 65) n-Nitrosodiphenylamine     | 11.76 | 169  | 234212   | 34.05 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 12.21 | 248  | 74925    | 33.99 | ng    | 97       |
| 67) Hexachlorobenzene          | 12.27 | 284  | 81256    | 33.55 | ng    | 96       |
| 68) Atrazine                   | 12.43 | 200  | 75910    | 39.38 | ng    | 98       |
| 69) Pentachlorophenol          | 12.52 | 266  | 86036    | 68.29 | ng    | 99       |
| 70) Phenanthrene               | 12.78 | 178  | 392599   | 33.11 | ng    | 99       |
| 71) Anthracene                 | 12.84 | 178  | 393037   | 33.55 | ng    | 99       |
| 72) Carbazole                  | 13.05 | 167  | 369963   | 33.20 | ng    | 99       |
| 73) Di-n-butylphthalate        | 13.51 | 149  | 434050   | 34.73 | ng    | 100      |
| 74) Fluoranthene               | 14.26 | 202  | 425138   | 32.50 | ng    | 98       |
| 76) Benzidine                  | 14.43 | 184  | 169268   | 31.64 | ng    | 99       |
| 77) Pyrene                     | 14.53 | 202  | 441777   | 32.59 | ng    | 100      |
| 79) Butylbenzylphthalate       | 15.37 | 149  | 185265   | 34.66 | ng    | 99       |
| 80) Benzo(a)anthracene         | 16.02 | 228  | 405594   | 31.74 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 16.00 | 252  | 114179   | 27.09 | ng    | # 97     |
| 82) Chrysene                   | 16.07 | 228  | 390329   | 33.97 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 16.09 | 149  | 281784   | 34.80 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 16.88 | 149  | 484501   | 35.00 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.15 | 276  | 452699m  | 31.56 | ng    |          |
| 87) Benzo(b)fluoranthene       | 17.32 | 252  | 414746m  | 31.05 | ng    |          |
| 88) Benzo(k)fluoranthene       | 17.35 | 252  | 375547   | 35.99 | ng    | # 96     |
| 89) Benzo(a)pyrene             | 17.70 | 252  | 386613   | 34.69 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 19.19 | 278  | 365056   | 33.02 | ng    | 100      |
| 91) Benzo(g,h,i)perylene       | 19.56 | 276  | 370340   | 32.91 | ng    | 98       |

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

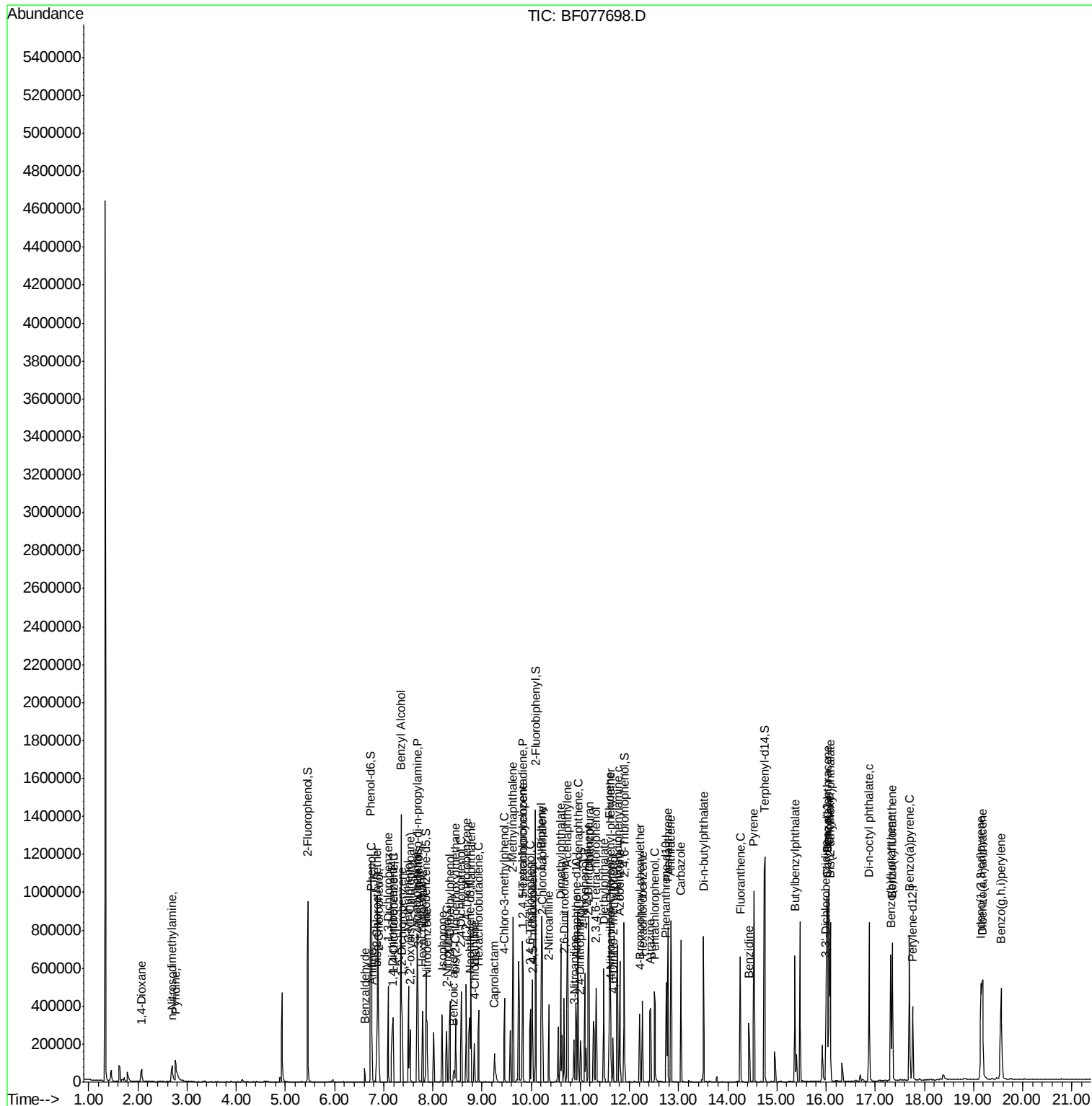
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\  
Data File : BF077698.D  
Acq On    : 11 Mar 2015   20:29  
Operator  : TP/IZ  
Sample    : G1475-01MSD  
Misc      : S  
ALS Vial  : 19      Sample Multiplier: 1
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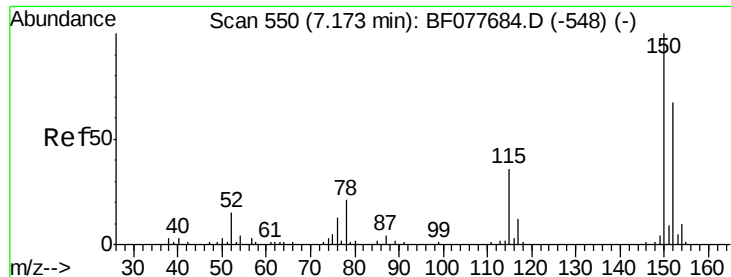
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
FK-GF-01-012-AMSD

## Manual Integrations APPROVED

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3/13/2015 9:40:30 AM

Quant Time: Mar 12 05:50:04 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 12 02:24:12 2015  
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#1

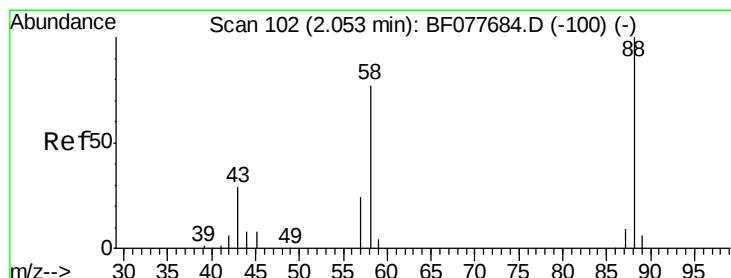
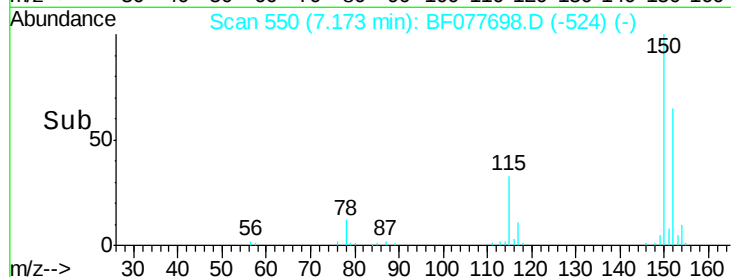
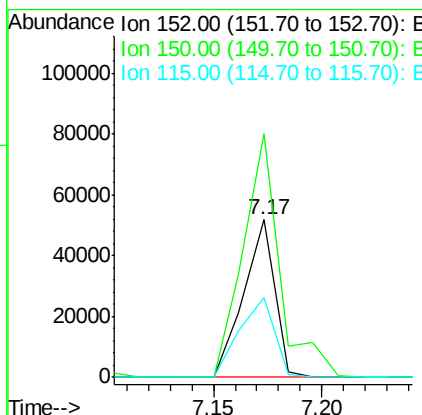
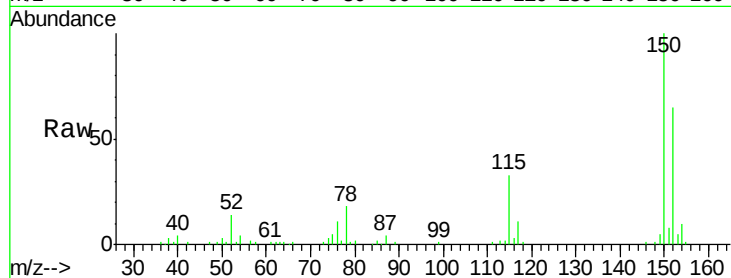
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.17 min Scan# 550  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.3 | 119.5 | 179.3 |
| 115     | 50.8  | 43.0  | 64.4  |

Manual Integrations  
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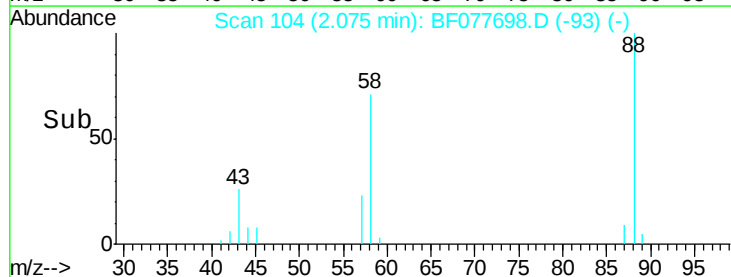
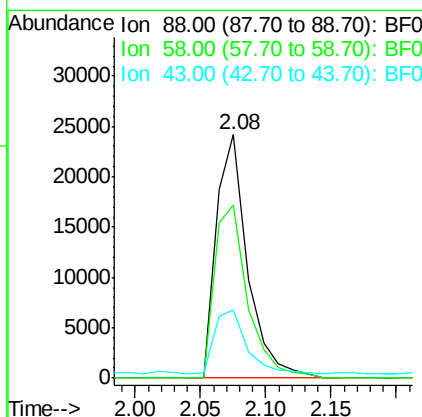
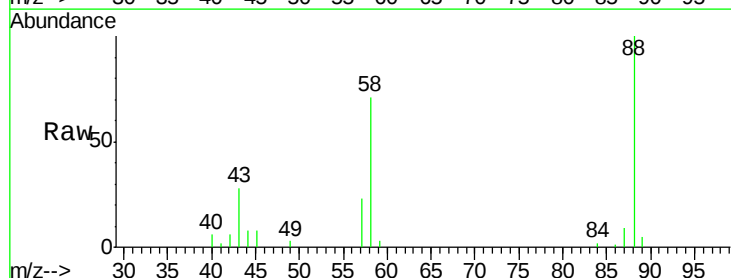
mohammad  
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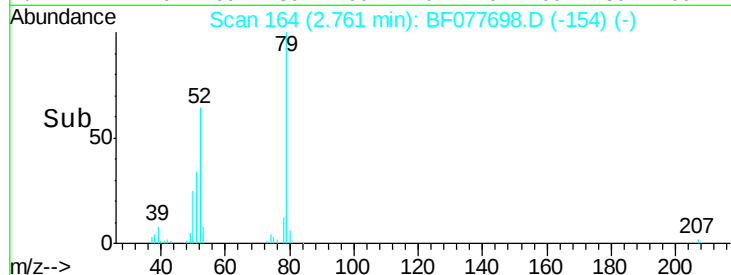
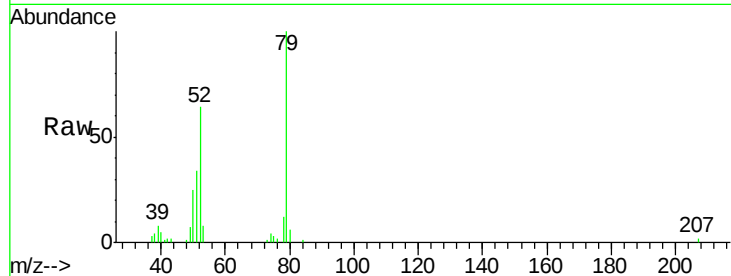
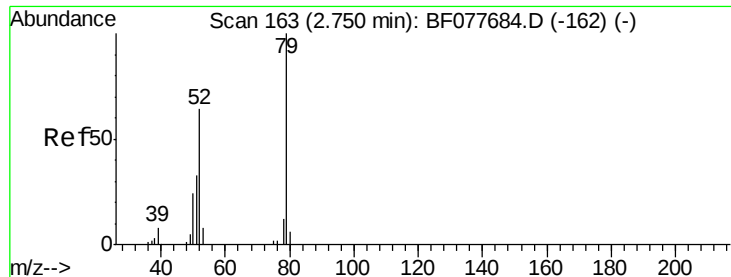


#2

1,4-Dioxane  
Concen: 30.13 ng  
RT: 2.08 min Scan# 104  
Delta R.T. 0.02 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 74.9  | 0.0   | 0.0#  |
| 43      | 27.9  | 0.0   | 0.0#  |





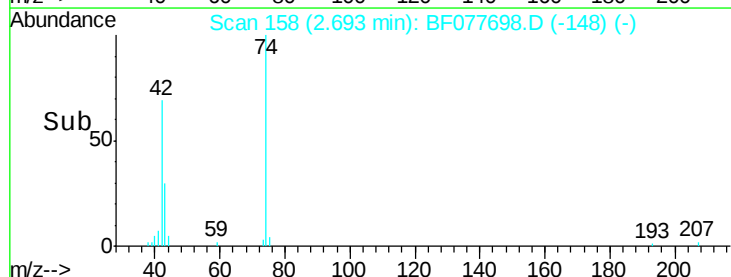
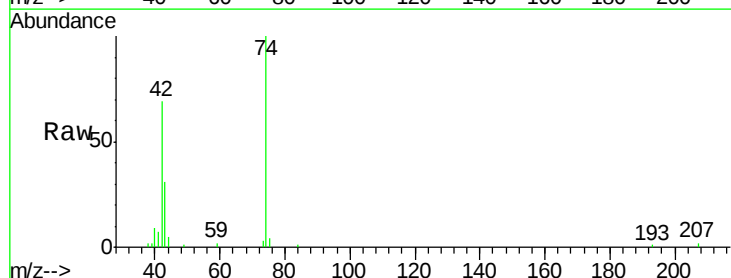
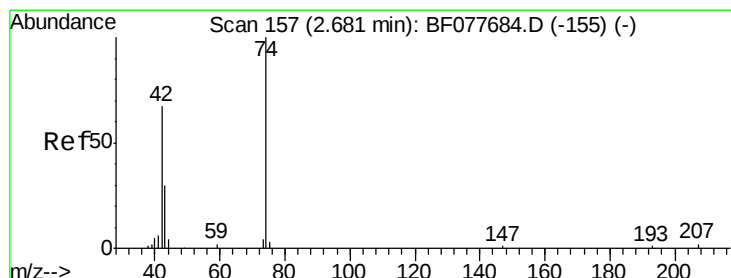
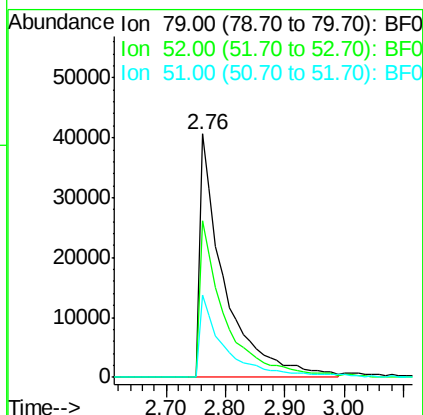
#3  
Pvridine  
Concen: 32.77 ng  
RT: 2.76 min Scan# 164  
Delta R.T. 0.01 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 79      | 79  | 100   | 117896 |       |       |
| 52      | 52  | 64.1  |        | 51.1  | 76.7  |
| 51      | 51  | 33.6  |        | 26.1  | 39.1  |

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

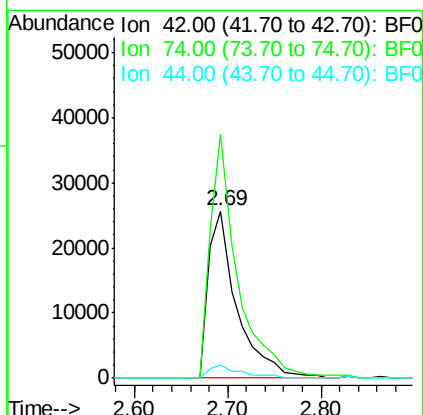
Manual Integrations  
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3/13/2015 9:40:30 AM



#4  
n-Nitrosodimethylamine  
Concen: 34.94 ng  
RT: 2.69 min Scan# 158  
Delta R.T. 0.01 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 42      | 42  | 100   | 54733 |       |       |
| 74      | 74  | 145.7 |       | 119.3 | 178.9 |
| 44      | 44  | 7.9   |       | 5.4   | 8.2   |





#5

2-Fluorophenol

Concen: 122.00 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

Instrument :

BNA\_F

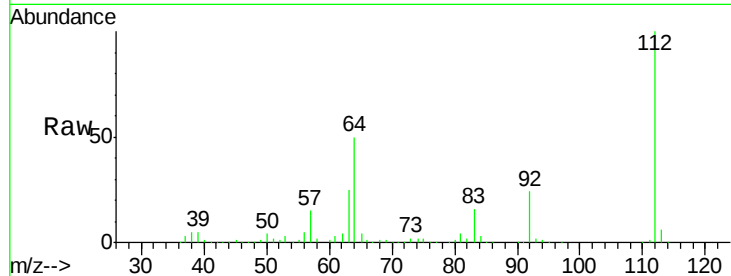
ClientSampleId :

FK-GF-01-012-AMSD

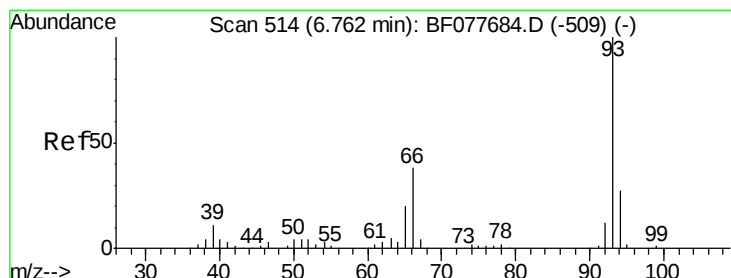
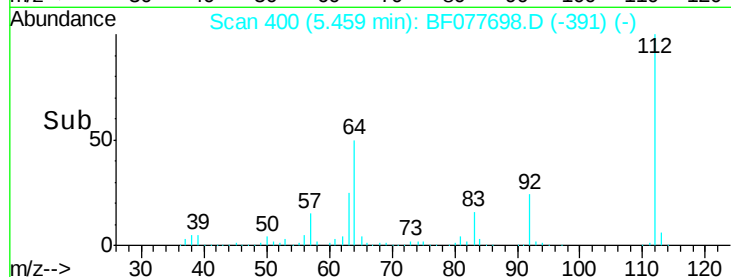
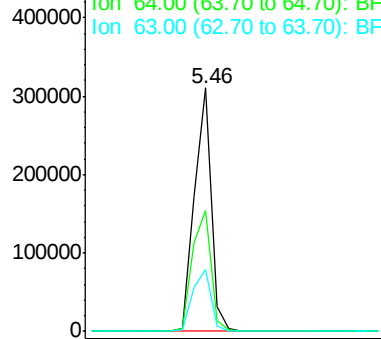
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 359833 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 49.5  | 38.6  | 57.8   |
| 63        | 25.3  | 19.3  | 28.9   |

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Abundance Ion 112.00 (111.70 to 112.70): BF077698.D (-396) (-)



#6

Aniline

Concen: 23.62 ng

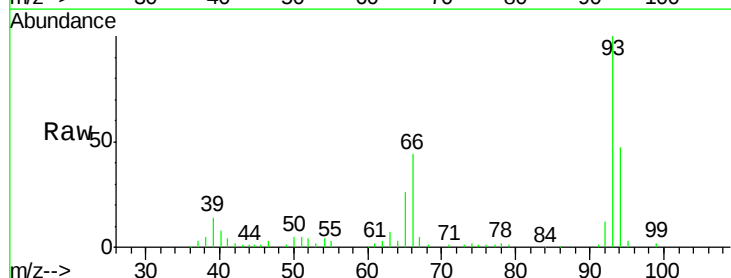
RT: 6.76 min Scan# 514

Delta R.T. -0.00 min

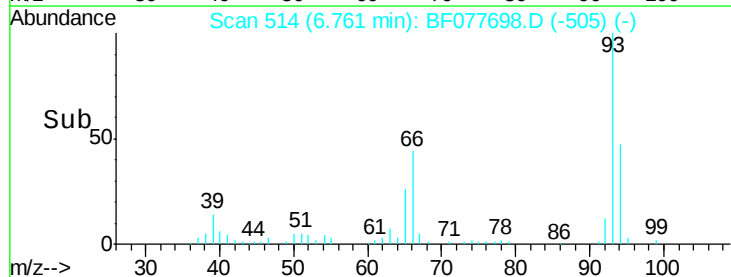
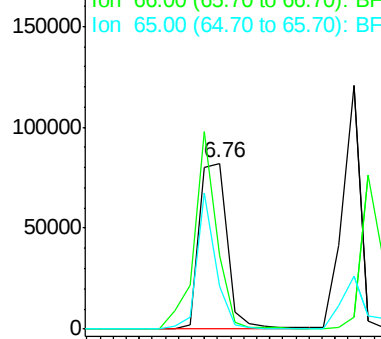
Lab File: BF077698.D

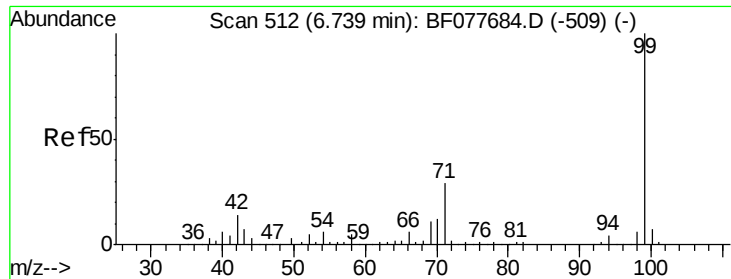
Acq: 11 Mar 2015 20:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 123135 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 44.5  | 30.8  | 46.2   |
| 65        | 25.9  | 16.0  | 24.0   |



Abundance Ion 93.00 (92.70 to 93.70): BF077698.D (-505) (-)





#7

Phenol-d6

Concen: 124.54 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

Instrument :

BNA\_F

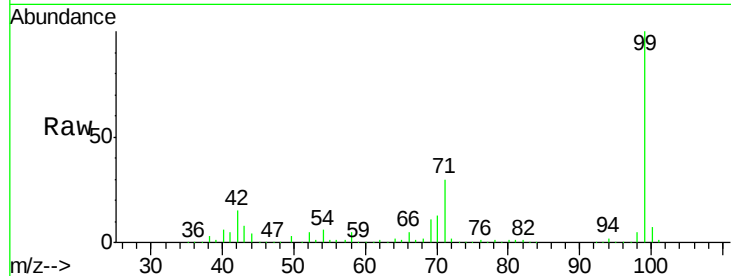
ClientSampleId :

FK-GF-01-012-AMSD

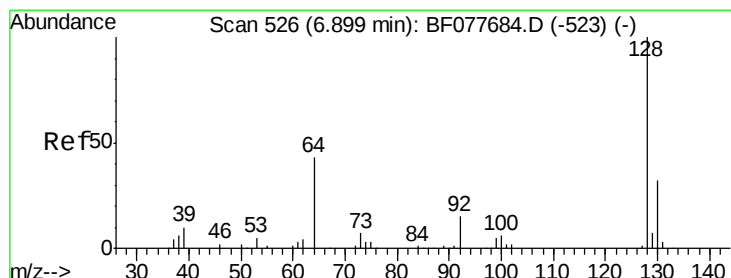
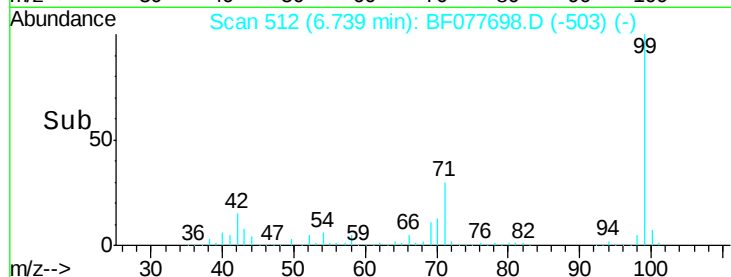
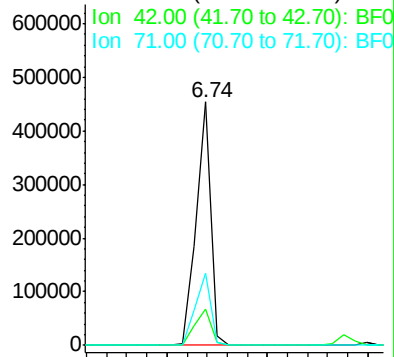
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 453833 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.7  | 11.0  | 16.4   |
| 71        | 29.7  | 23.4  | 35.2   |

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Abundance Ion 99.00 (98.70 to 99.70): BF077698.D (-503) (-)



#8

2-Chlorophenol

Concen: 34.40 ng

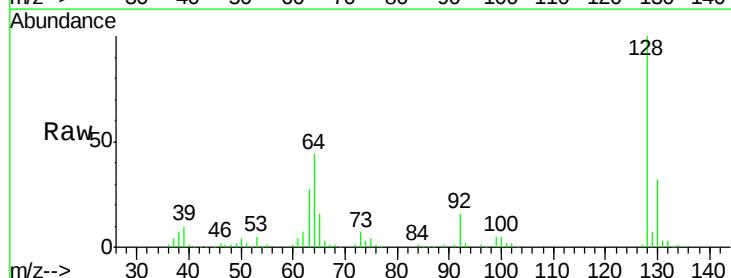
RT: 6.90 min Scan# 526

Delta R.T. -0.00 min

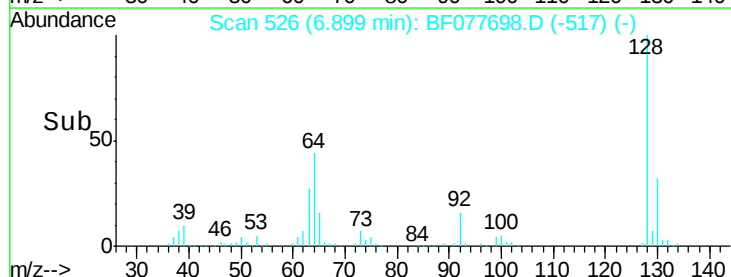
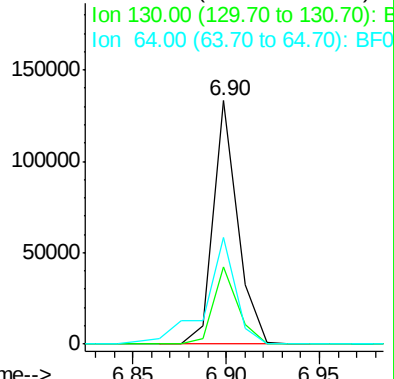
Lab File: BF077698.D

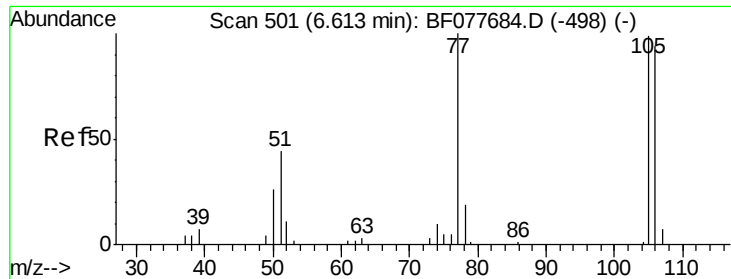
Acq: 11 Mar 2015 20:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 120760 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.6  | 12.0  | 52.0   |
| 64        | 44.0  | 24.9  | 64.9   |



Abundance Ion 128.00 (127.70 to 128.70): BF077698.D (-517) (-)





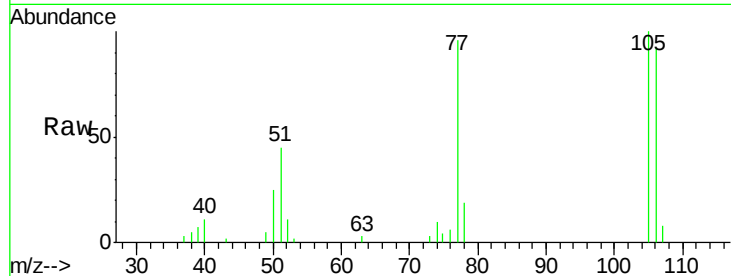
#9  
Benzaldehyde  
Concen: 9.82 ng  
RT: 6.61 min Scan# 501  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

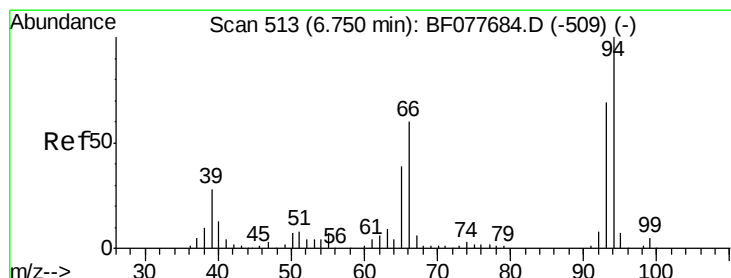
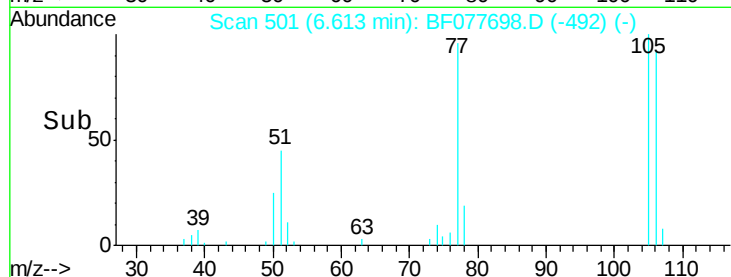
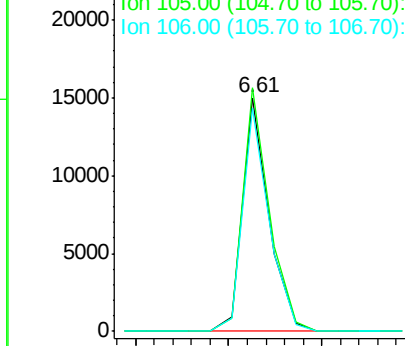
Tot Ion: 77 Resp: 14663  
Ion Ratio Lower Upper  
77 100  
105 104.1 78.8 118.8  
106 95.6 73.7 113.7

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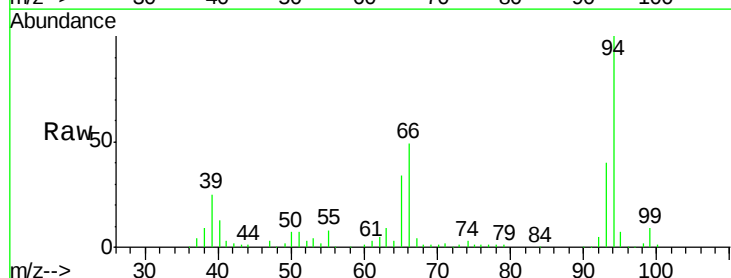


Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): BF0  
Ion 106.00 (105.70 to 106.70): BF0

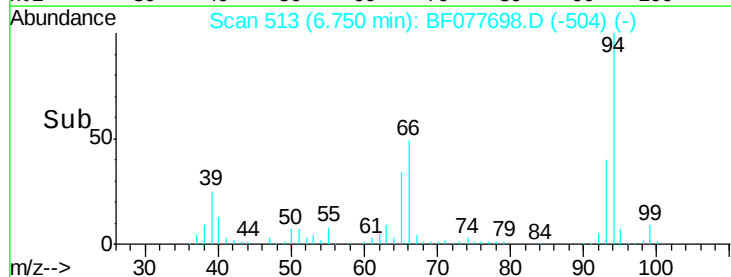
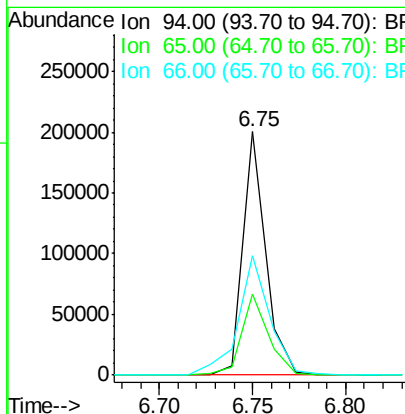


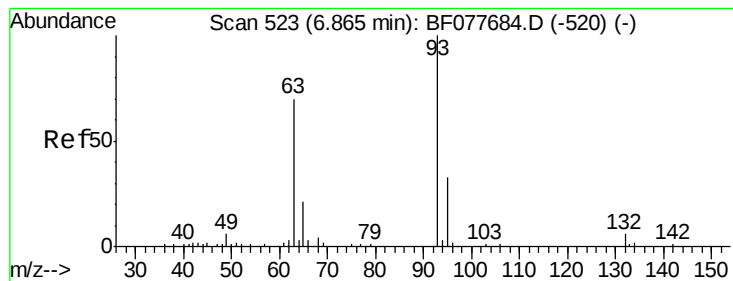
#10  
Phenol  
Concen: 39.89 ng  
RT: 6.75 min Scan# 513  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Tgt Ion: 94 Resp: 171832  
Ion Ratio Lower Upper  
94 100  
65 33.5 18.8 58.8  
66 48.8 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0





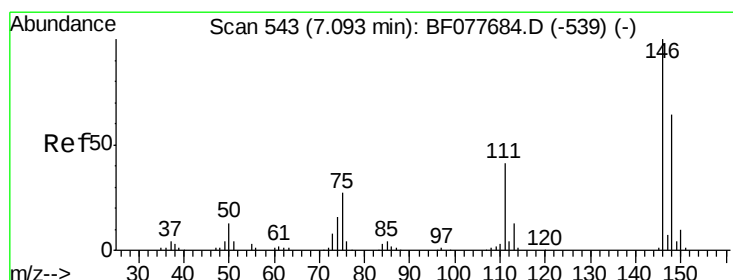
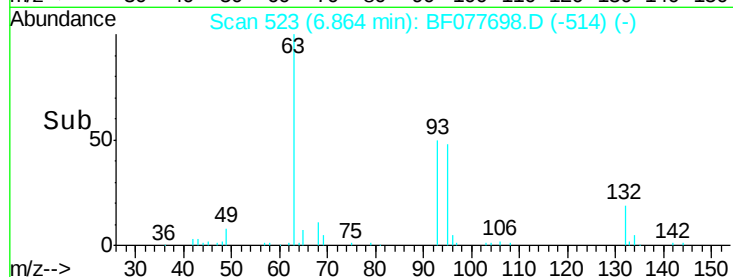
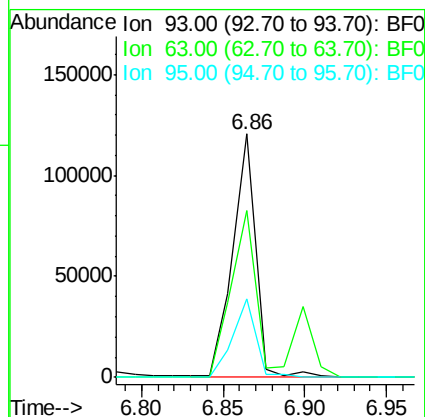
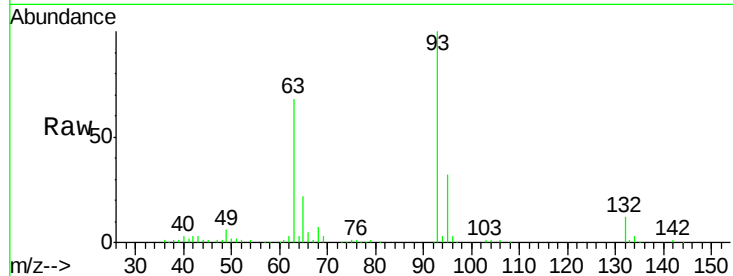
#11  
bis(2-Chloroethyl)ether  
Concen: 36.51 ng  
RT: 6.86 min Scan# 523  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 117792 |       |       |
| 63      | 68.3  |        | 49.5  | 89.5  |
| 95      | 32.3  |        | 13.5  | 53.5  |

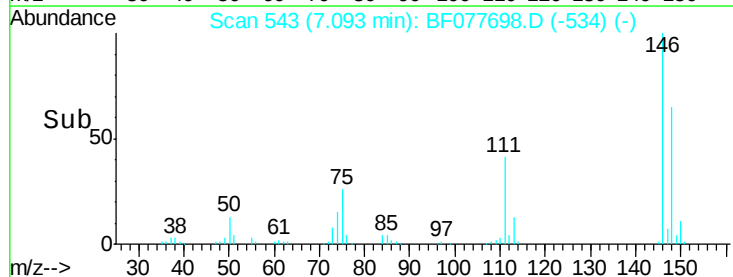
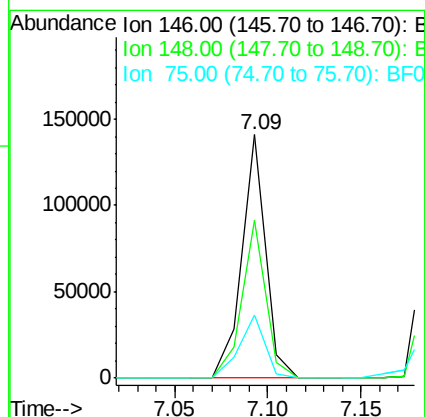
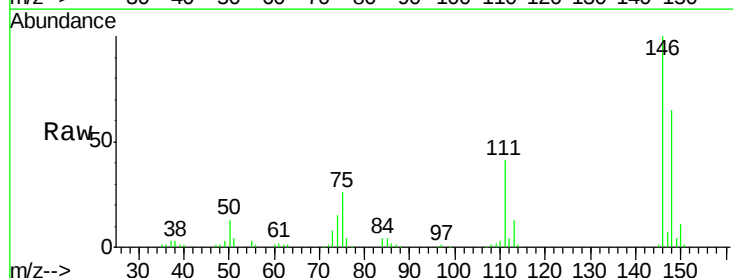
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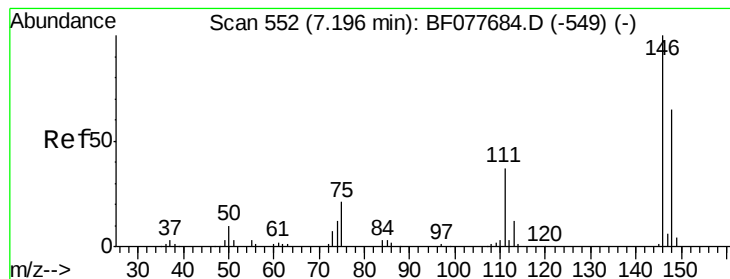
mohammad  
3/13/2015 9:40:30 AM



#12  
1,3-Dichlorobenzene  
Concen: 32.14 ng  
RT: 7.09 min Scan# 543  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 125497 |       |       |
| 148     | 65.1  |        | 50.9  | 76.3  |
| 75      | 26.2  |        | 21.4  | 32.2  |





#13

1,4-Dichlorobenzene

Concen: 30.76 ng

RT: 7.20 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

Instrument :

BNA\_F

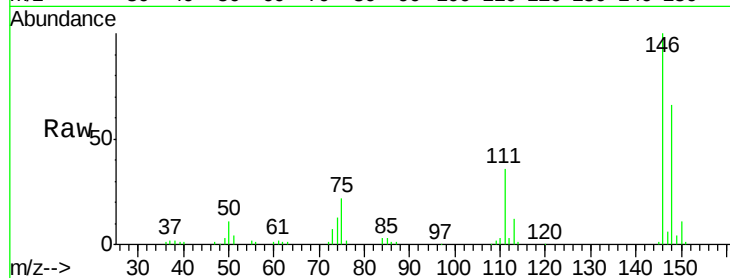
ClientSampleId :

FK-GF-01-012-AMSD

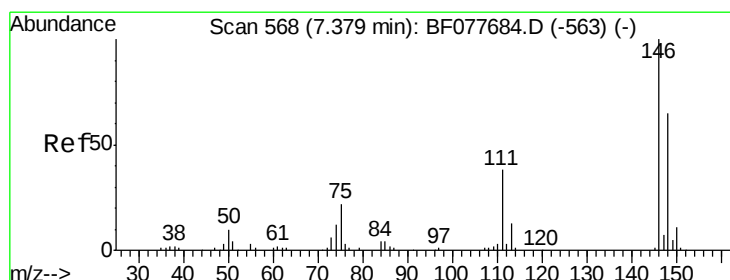
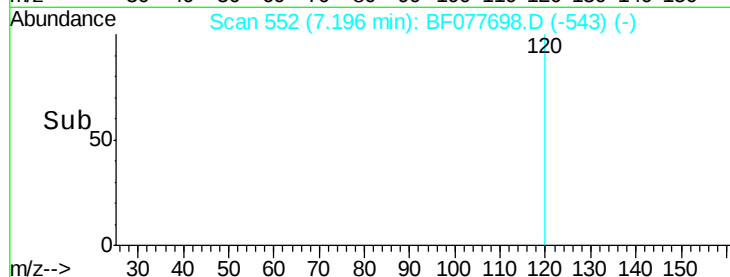
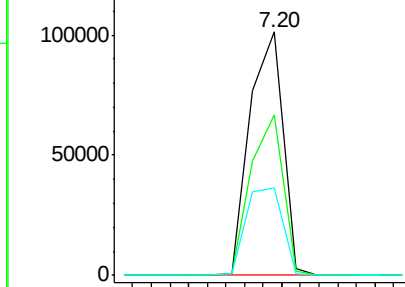
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 124814 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.0  | 51.9  | 77.9   |
| 111       | 35.9  | 29.2  | 43.8   |

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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: 32.85 ng

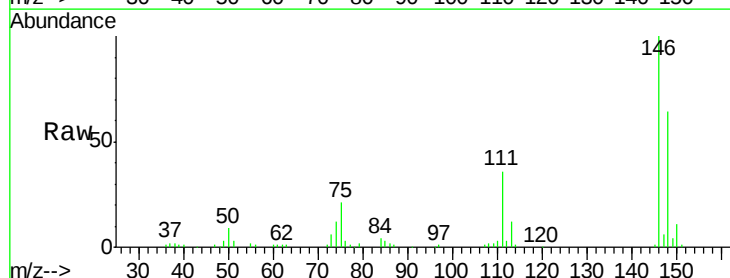
RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

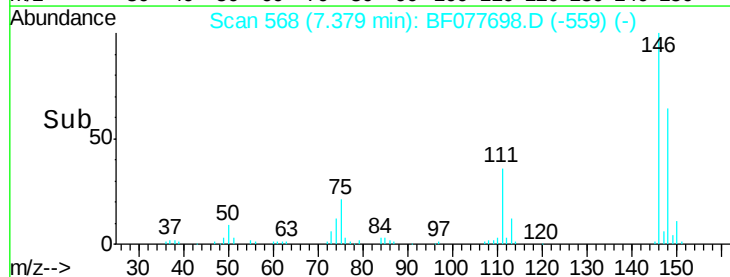
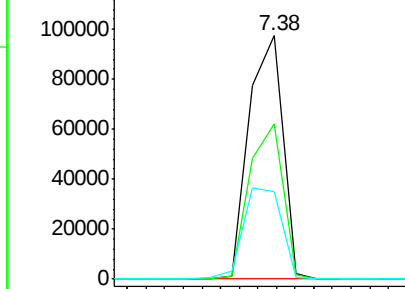
Lab File: BF077698.D

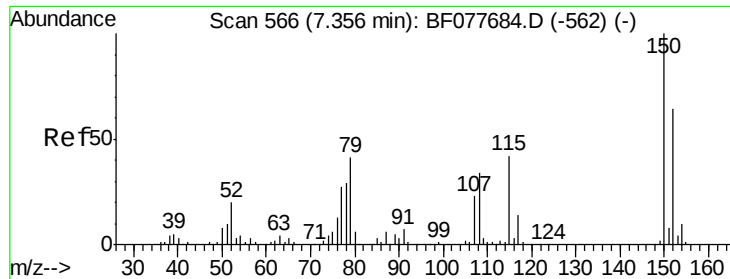
Acq: 11 Mar 2015 20:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 122183 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.6  | 52.3  | 78.5   |
| 111       | 36.0  | 30.6  | 45.8   |



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





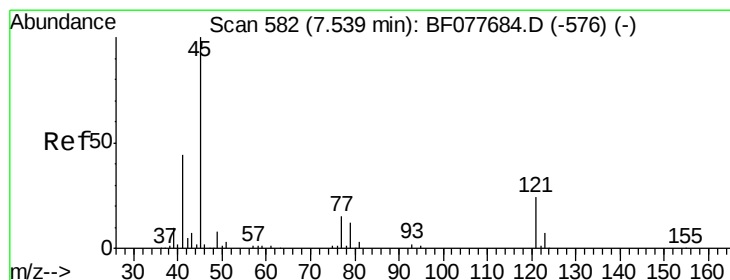
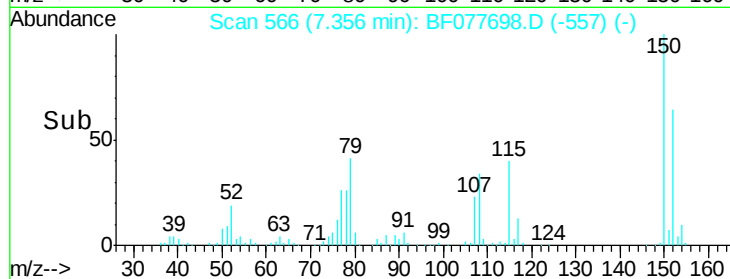
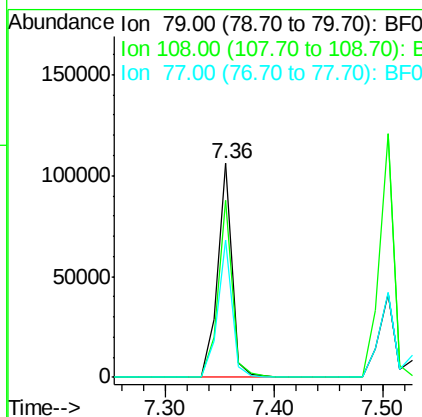
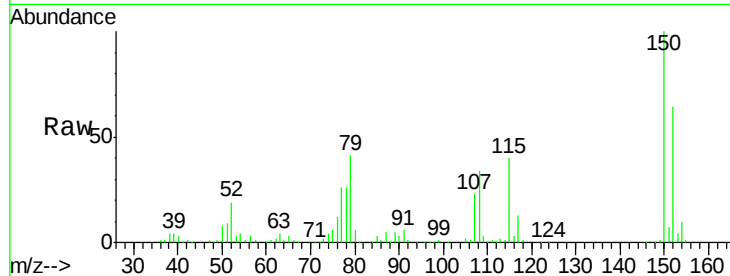
#15  
Benzyl Alcohol  
Concen: 35.31 ng  
RT: 7.36 min Scan# 566  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 79      | 100  |       |      |       |       |
| 108     | 82.7 | 65.0  | 97.4 |       |       |
| 77      | 64.5 | 53.0  | 79.6 |       |       |

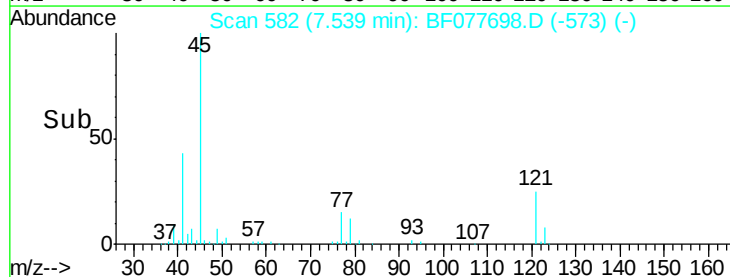
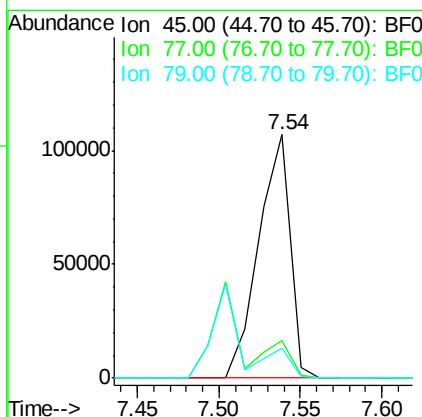
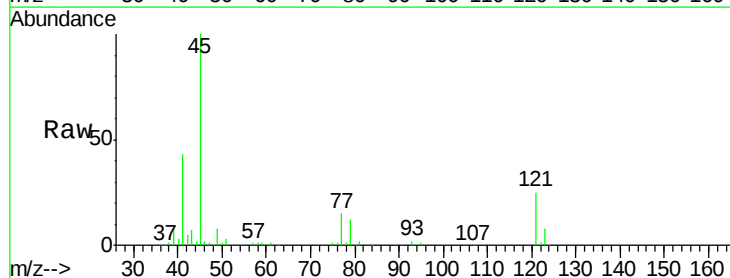
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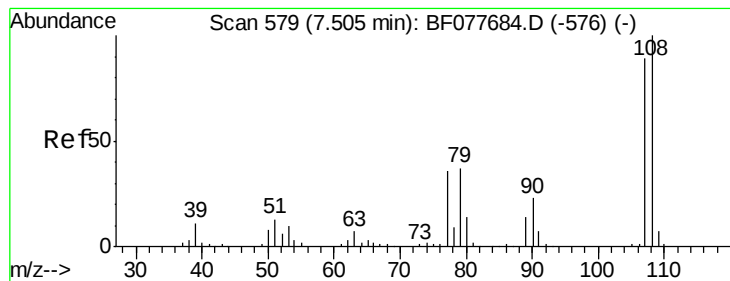
mohammad  
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 33.02 ng  
RT: 7.54 min Scan# 582  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 45      | 100  |       |      |       |       |
| 77      | 15.2 | 0.0   | 35.2 |       |       |
| 79      | 12.5 | 0.0   | 32.0 |       |       |





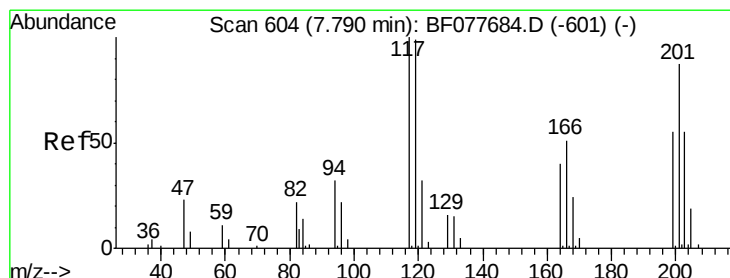
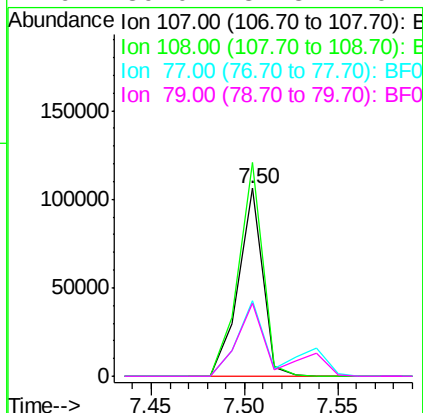
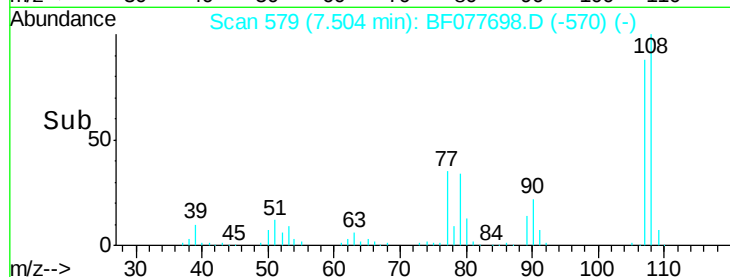
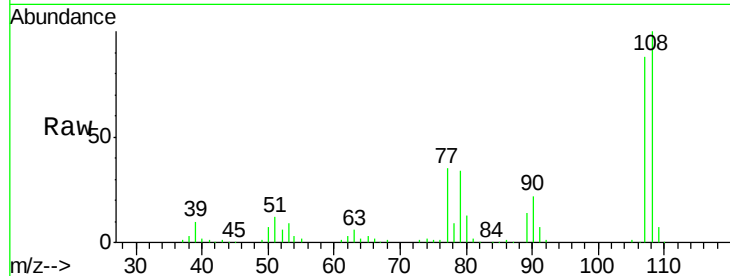
#17  
2-Methylphenol  
Concen: 34.17 ng  
RT: 7.50 min Scan# 579  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.6 | 89.8  | 134.8 |
| 77      | 39.9  | 32.6  | 48.8  |
| 79      | 39.0  | 32.8  | 49.2  |

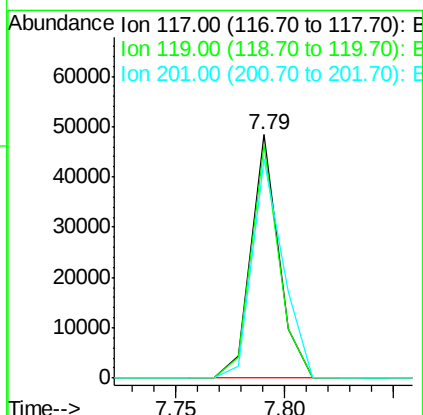
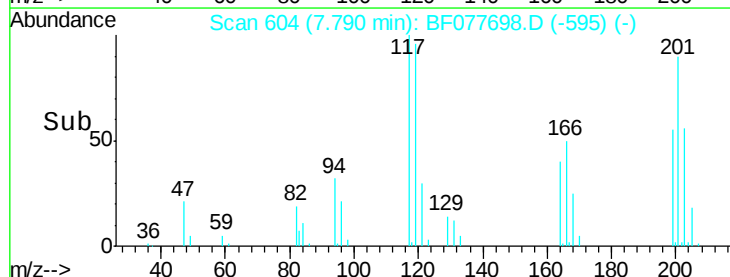
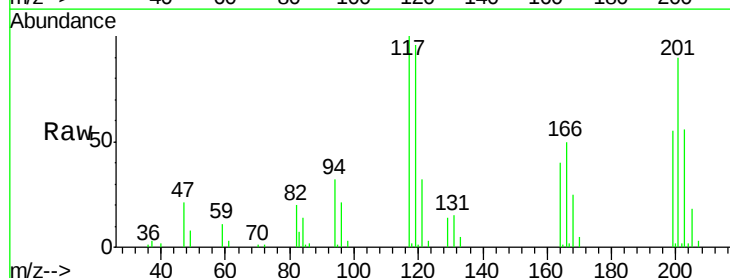
Manual Integrations  
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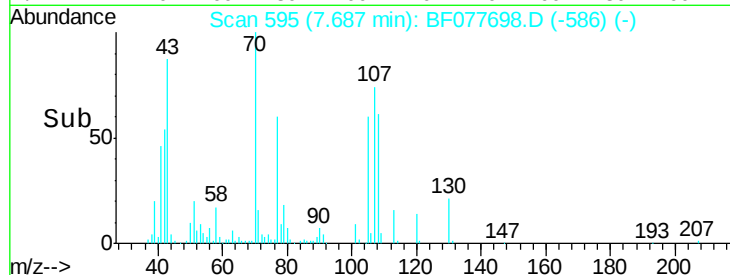
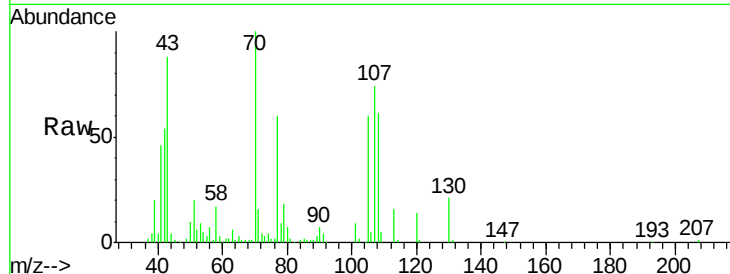
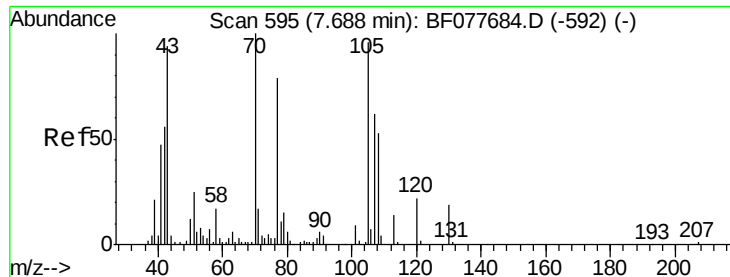
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#18  
Hexachloroethane  
Concen: 32.35 ng  
RT: 7.79 min Scan# 604  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.1  | 79.2  | 118.8 |
| 201     | 90.3  | 69.8  | 104.6 |





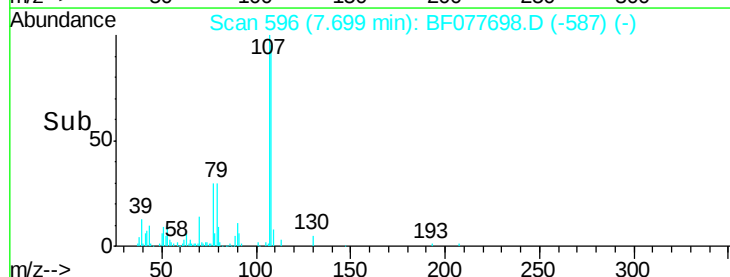
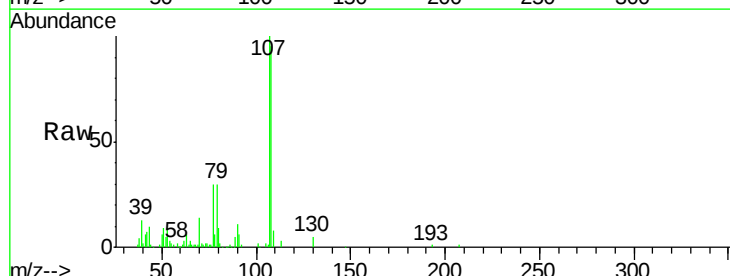
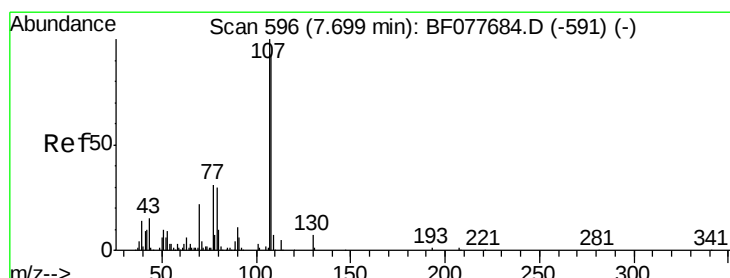
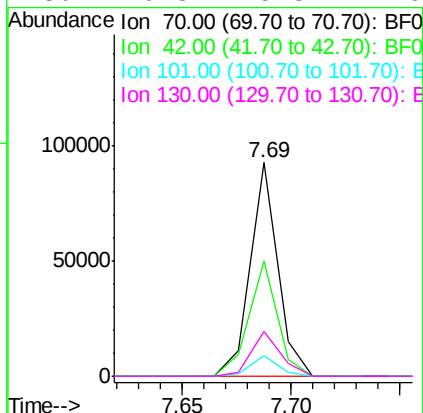
#19  
n-Nitroso-di-n-propylamine  
Concen: 32.38 ng  
RT: 7.69 min Scan# 595  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

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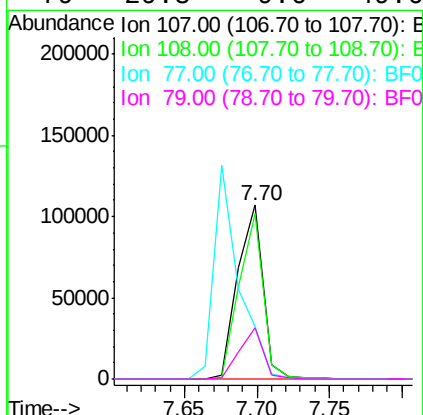
mohammad  
3/13/2015 9:40:30 AM

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 54.2 | 44.5  | 66.7  |       |
| 101     | 9.4  | 7.4   | 11.2  |       |
| 130     | 20.8 | 15.3  | 22.9  |       |



#20  
3+4-Methylphenols  
Concen: 34.62 ng  
RT: 7.70 min Scan# 596  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 94.8 | 73.2  | 113.2 |       |
| 77      | 30.1 | 10.7  | 50.7  |       |
| 79      | 29.8 | 9.6   | 49.6  |       |





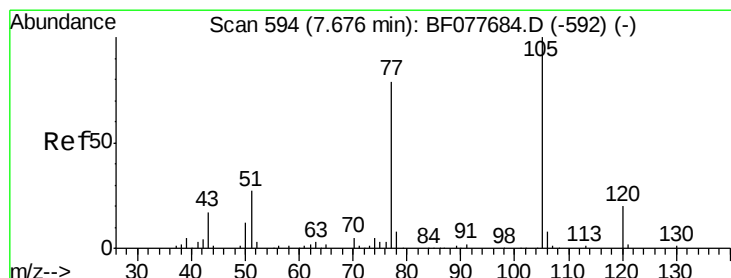
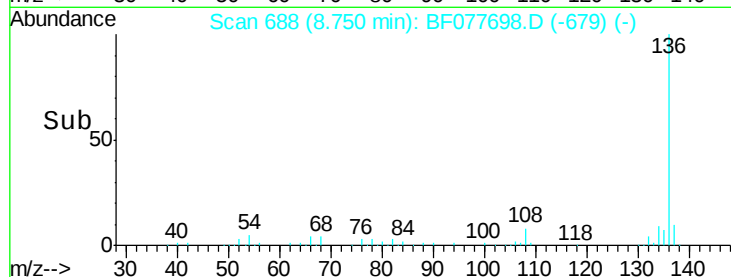
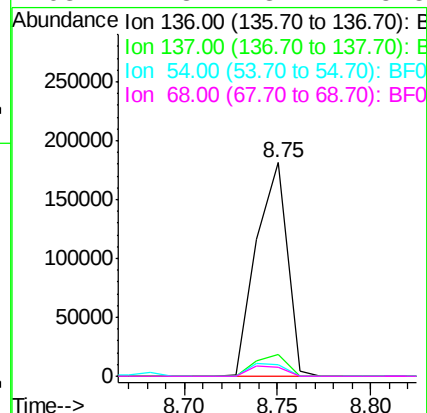
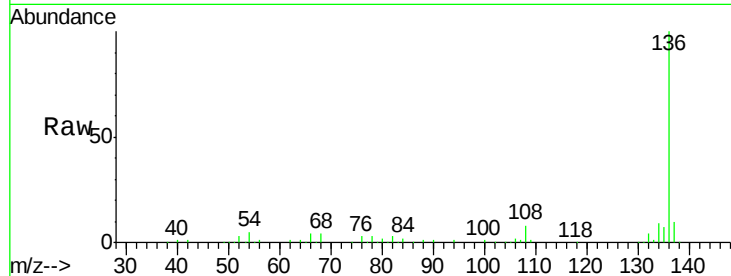
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.75 min Scan# 688  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 208295 |       |       |
| 137     | 10.2  |        | 8.7   | 13.1  |
| 54      | 5.4   |        | 4.6   | 6.8   |
| 68      | 4.3   |        | 3.7   | 5.5   |

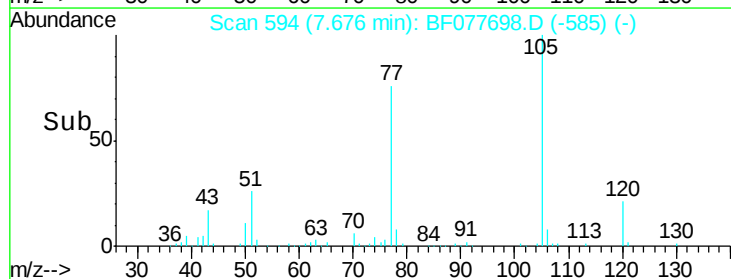
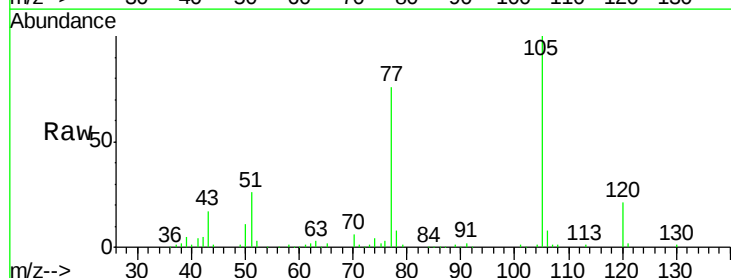
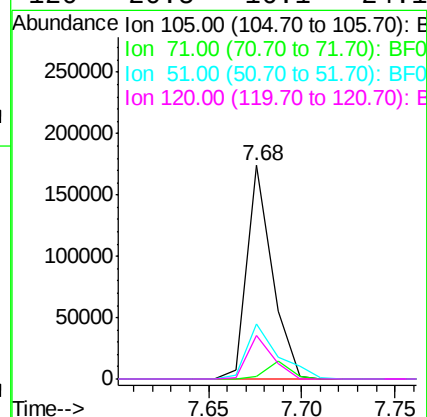
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#22  
Acetophenone  
Concen: 35.59 ng  
RT: 7.68 min Scan# 594  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 164103 |       |       |
| 71      | 1.1   |        | 0.6   | 1.0#  |
| 51      | 25.7  |        | 21.6  | 32.4  |
| 120     | 20.5  |        | 16.1  | 24.1  |





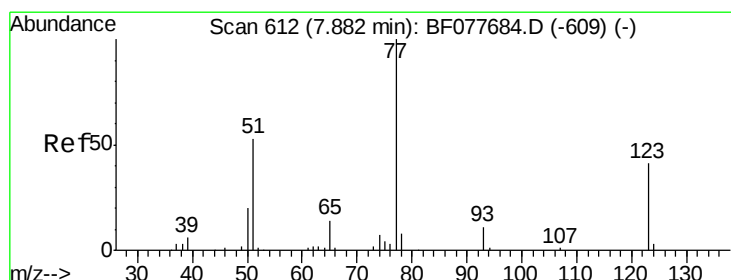
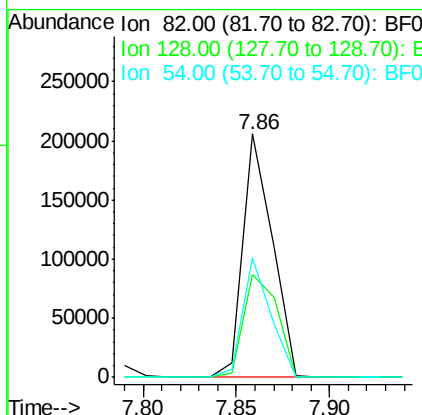
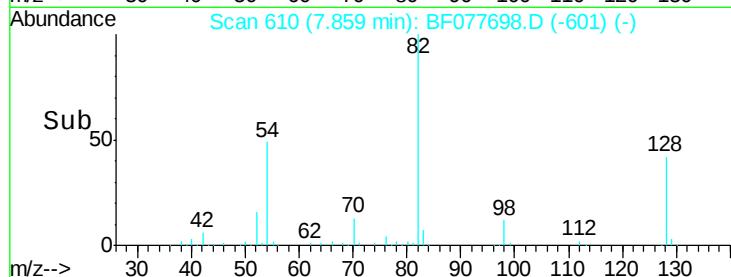
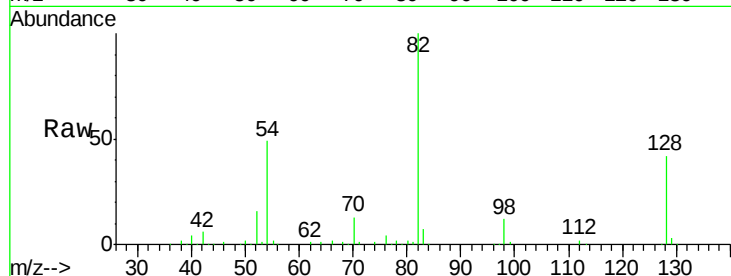
#23  
Nitrobenzene-d5  
Concen: 70.84 ng  
RT: 7.86 min Scan# 610  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 225114 |       |       |
| 128     | 42.2  | 32.8   | 49.2  |       |
| 54      | 49.3  | 40.6   | 60.8  |       |

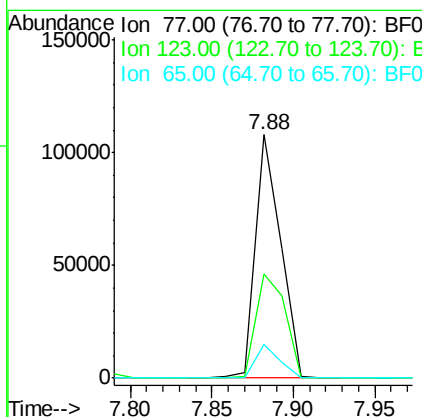
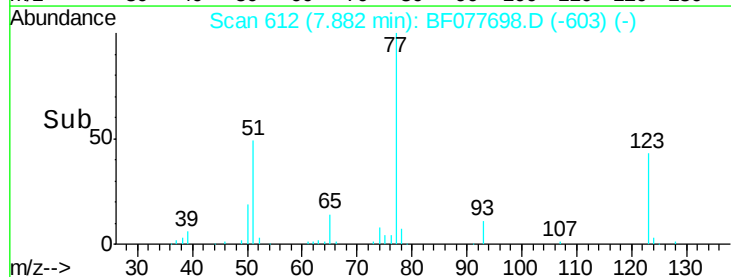
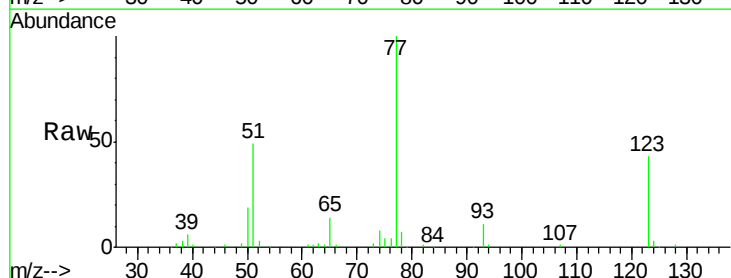
Manual Integrations  
APPROVED

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#24  
Nitrobenzene  
Concen: 33.89 ng  
RT: 7.88 min Scan# 612  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 116007 |       |       |
| 123     | 42.9  | 32.6   | 49.0  |       |
| 65      | 13.9  | 10.9   | 16.3  |       |





#25

Isophorone

Concen: 32.98 ng

RT: 8.19 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

Instrument :

BNA\_F

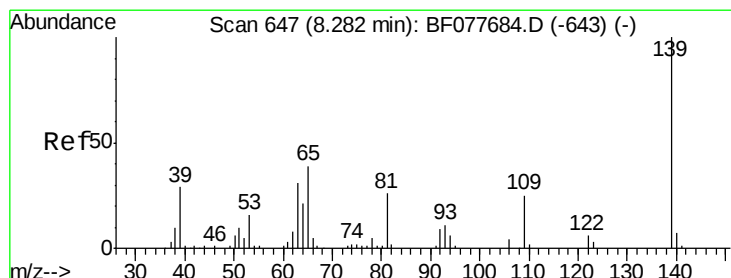
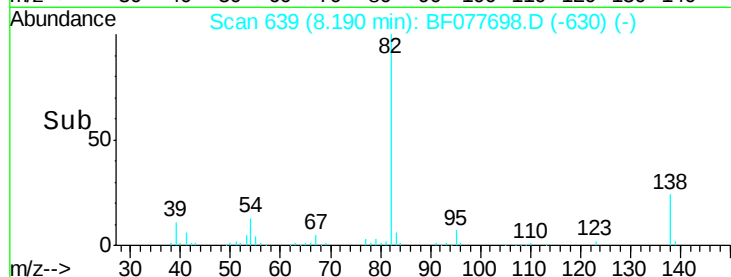
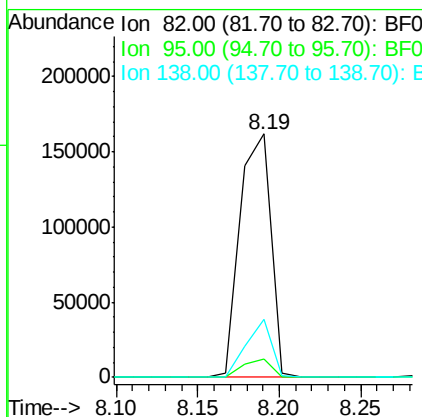
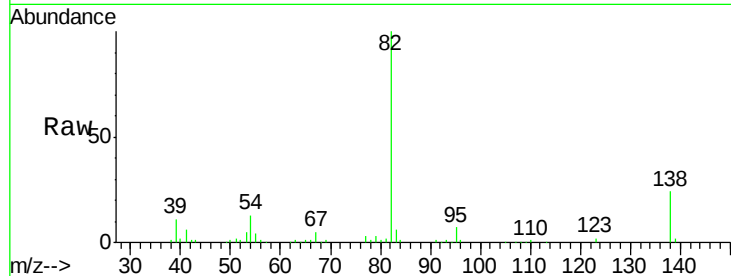
ClientSampleId :

FK-GF-01-012-AMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 211625 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.3   | 5.8   | 8.6    |
| 138       | 23.8  | 16.3  | 24.5   |

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#26

2-Nitrophenol

Concen: 34.91 ng

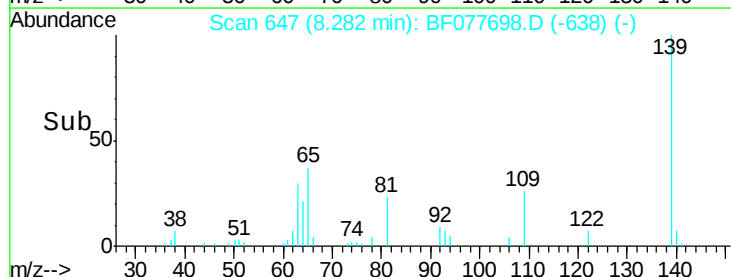
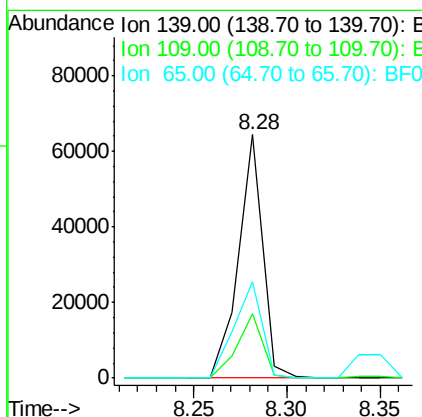
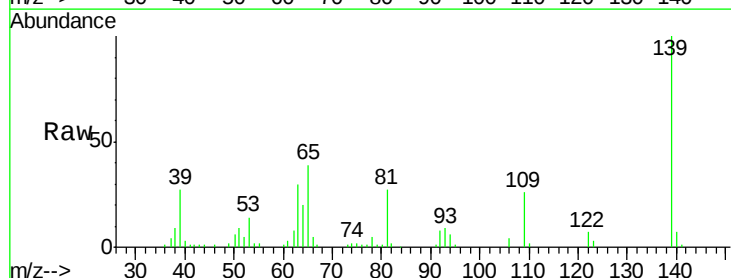
RT: 8.28 min Scan# 647

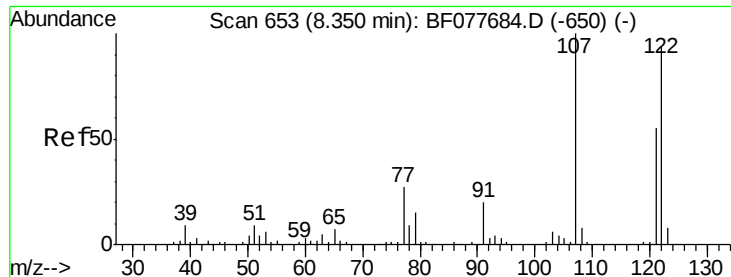
Delta R.T. -0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 58502 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 26.2  | 20.1  | 30.1  |
| 65        | 39.4  | 31.5  | 47.3  |





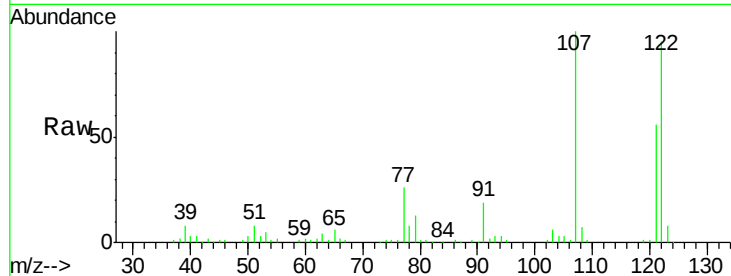
#27  
 2,4-Dimethylphenol  
 Concen: 33.94 ng  
 RT: 8.35 min Scan# 653  
 Delta R.T. -0.00 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-012-AMSD

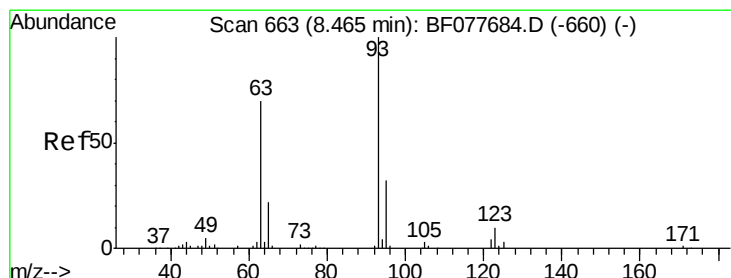
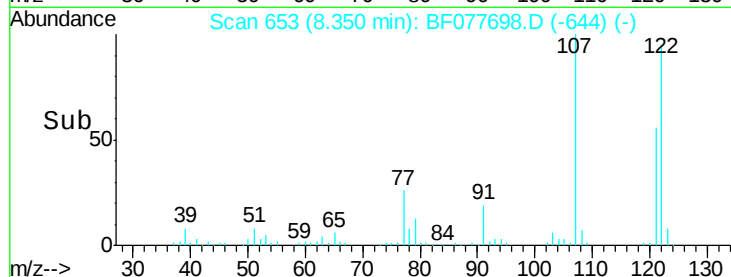
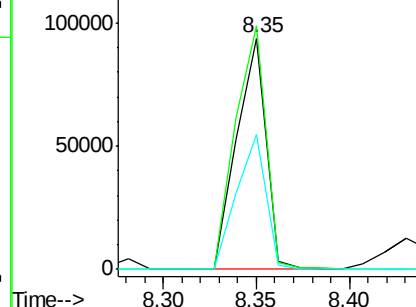
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 103641 |       |       |
| 107     | 105.2 | 84.7   | 127.1 |       |
| 121     | 58.4  | 46.6   | 69.8  |       |

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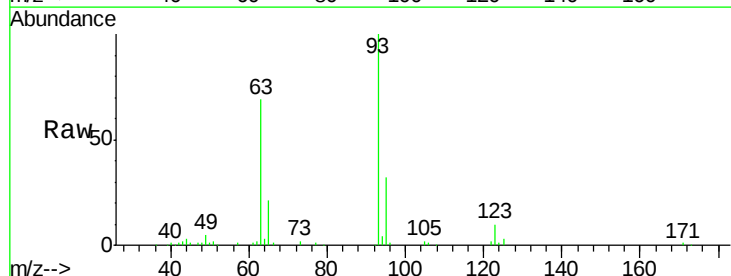


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

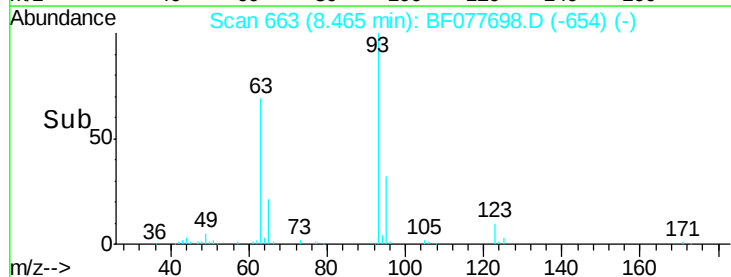
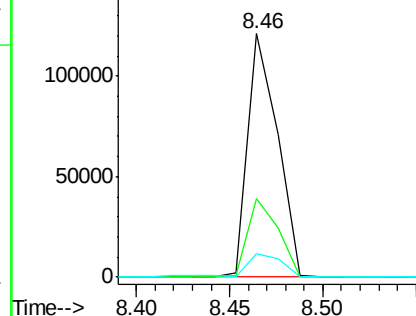


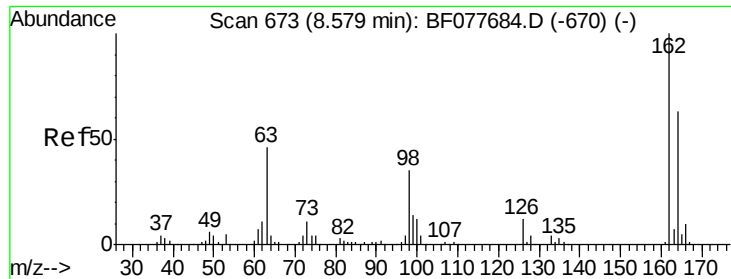
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 34.38 ng  
 RT: 8.46 min Scan# 663  
 Delta R.T. -0.00 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 133901 |       |       |
| 95      | 32.4  | 25.5   | 38.3  |       |
| 123     | 9.8   | 8.6    | 13.0  |       |



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





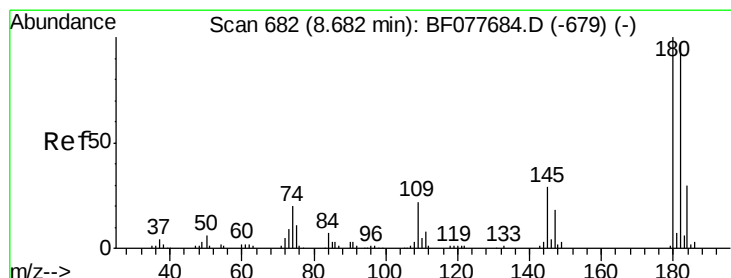
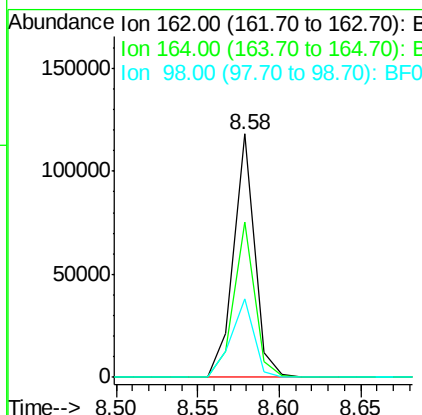
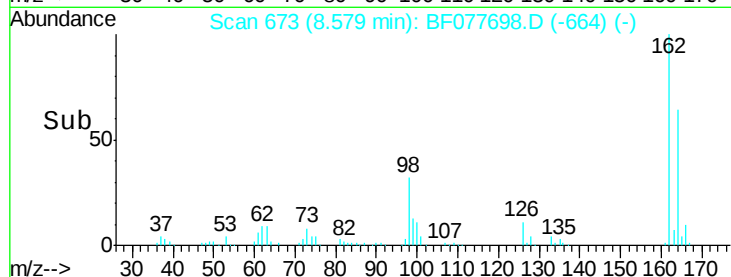
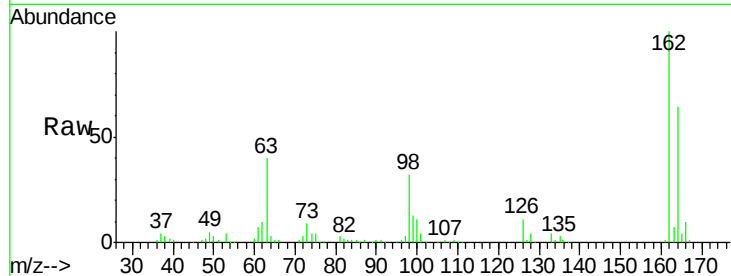
#29  
2,4-Dichlorophenol  
Concen: 36.27 ng  
RT: 8.58 min Scan# 673  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 63.8  | 42.8       | 82.8       |
| 98      | 32.1  | 14.5       | 54.5       |

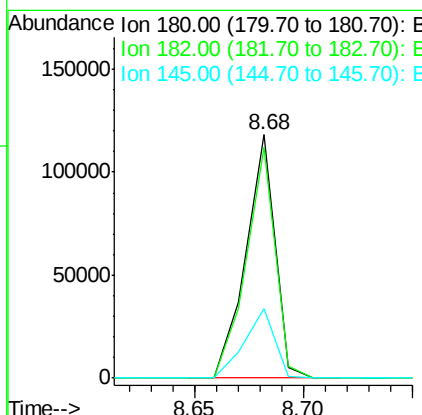
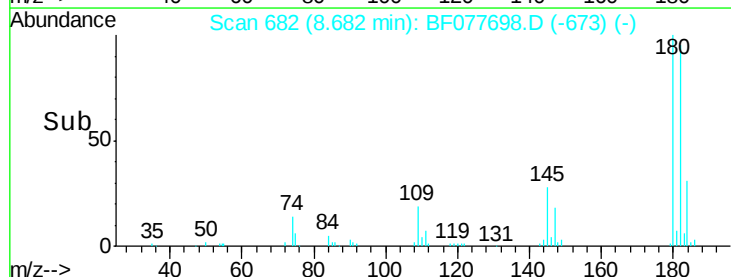
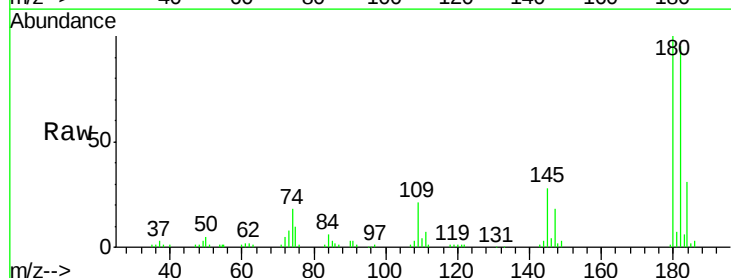
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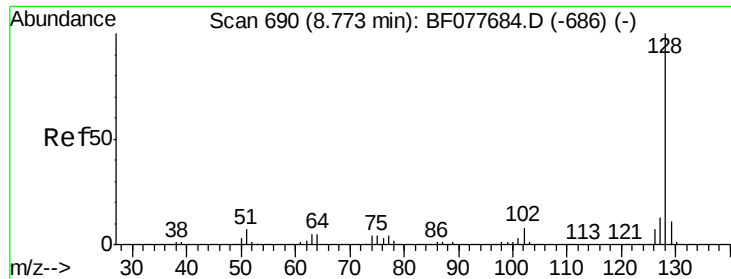
mohammad  
3/13/2015 9:40:30 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 33.72 ng  
RT: 8.68 min Scan# 682  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 95.0  | 77.6       | 116.4      |
| 145     | 28.4  | 23.4       | 35.2       |





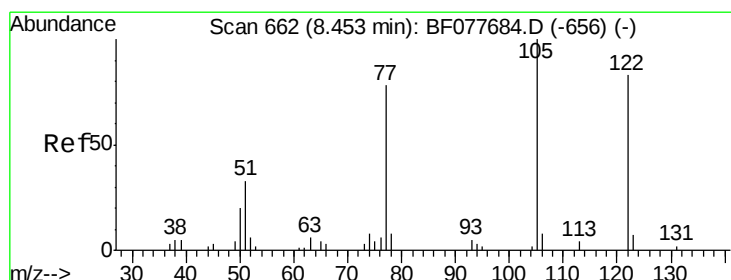
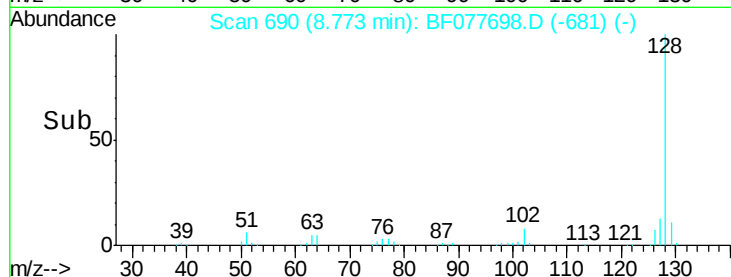
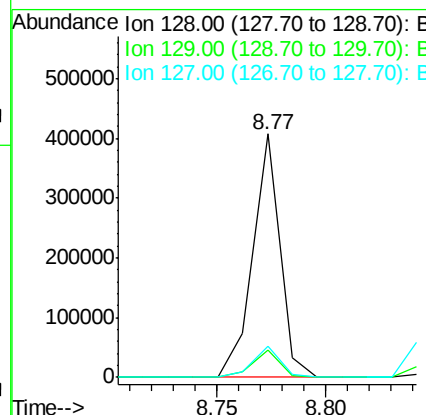
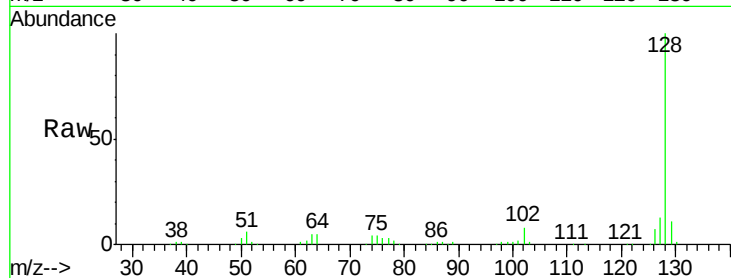
#31  
Naphthalene  
Concen: 33.13 ng  
RT: 8.77 min Scan# 690  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 8.9   | 13.3  |
| 127     | 12.9  | 10.4  | 15.6  |

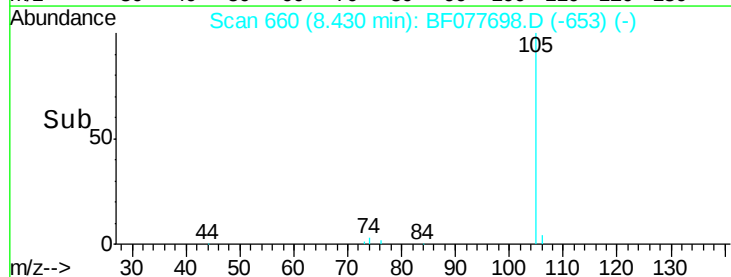
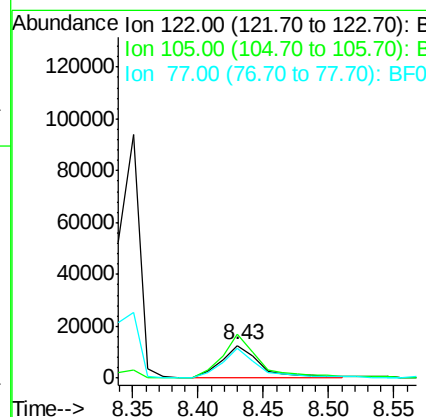
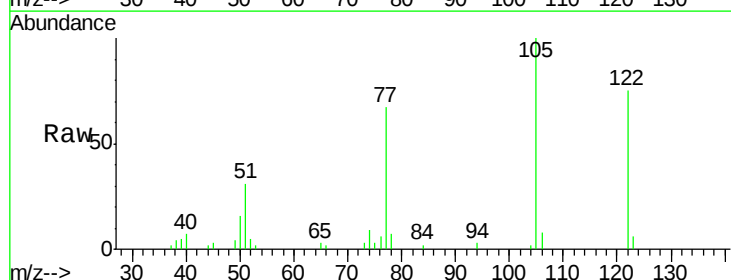
Manual Integrations  
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#32  
Benzoic acid  
Concen: 17.78 ng  
RT: 8.43 min Scan# 660  
Delta R.T. -0.02 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 133.7 | 99.9  | 139.9 |
| 77      | 89.6  | 73.7  | 113.7 |





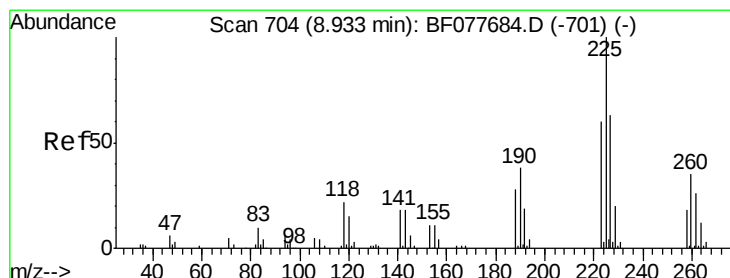
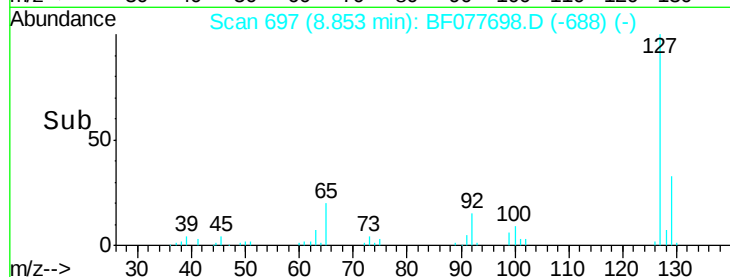
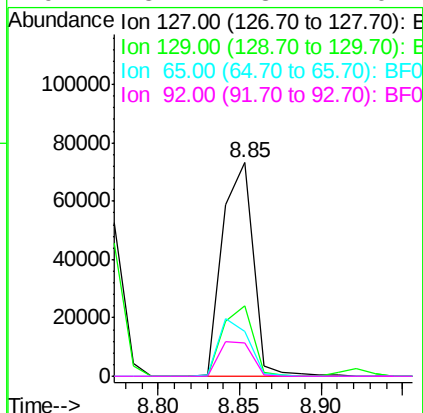
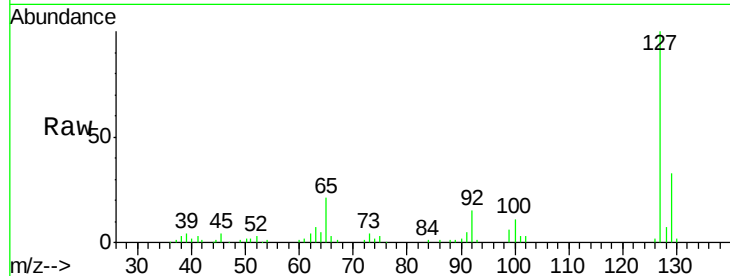
#33  
4-Chloroaniline  
Concen: 21.91 ng  
RT: 8.85 min Scan# 697  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 95138 |       |       |
| 129     | 33.0 | 25.3  | 37.9  |       |       |
| 65      | 20.8 | 17.6  | 26.4  |       |       |
| 92      | 15.4 | 13.1  | 19.7  |       |       |

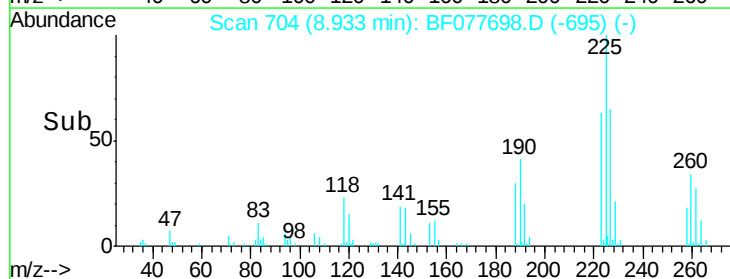
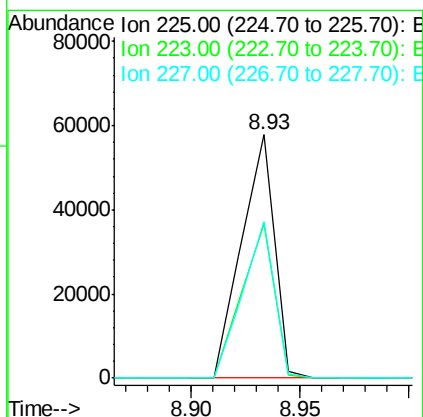
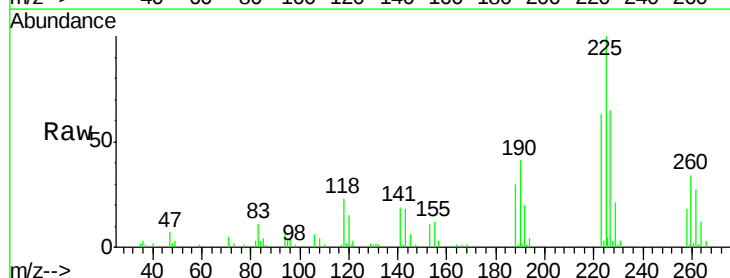
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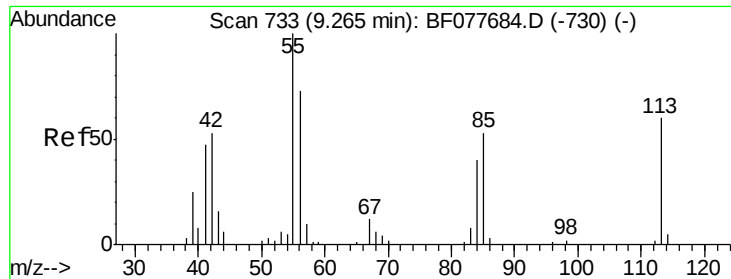
mohammad  
3/13/2015 9:40:30 AM



#34  
Hexachlorobutadiene  
Concen: 32.90 ng  
RT: 8.93 min Scan# 704  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 60715 |       |       |
| 223     | 63.2 | 47.9  | 71.9  |       |       |
| 227     | 64.5 | 50.1  | 75.1  |       |       |





#35

Caprolactam

Concen: 35.68 ng

RT: 9.25 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

Instrument :

BNA\_F

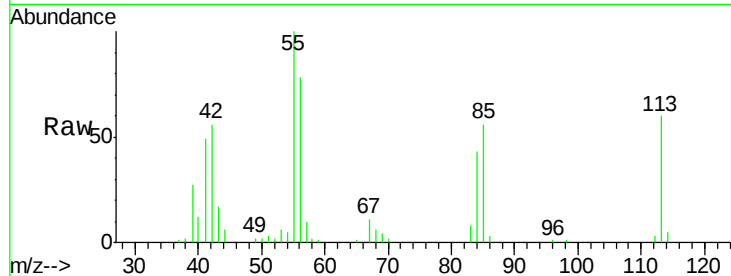
ClientSampleId :

FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 165.8 | 145.9 | 185.9 |
| 56      | 130.0 | 101.0 | 141.0 |

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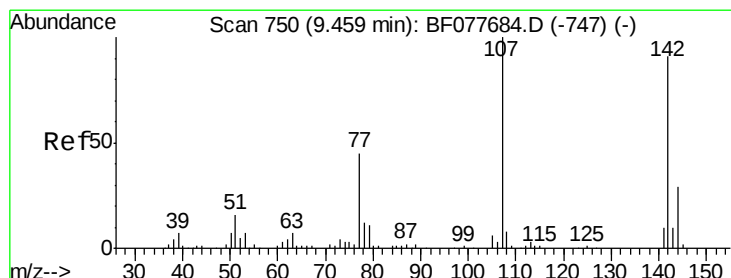
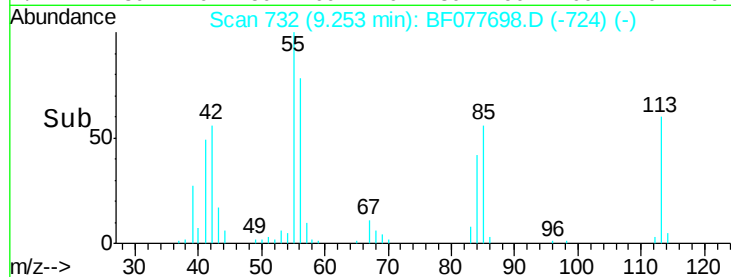
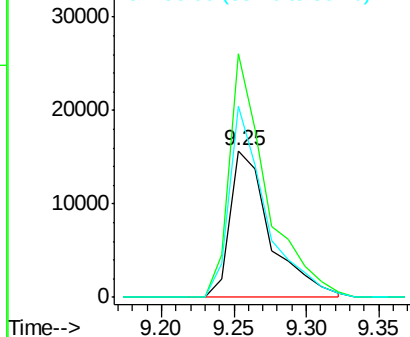
mohammad  
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.85 ng

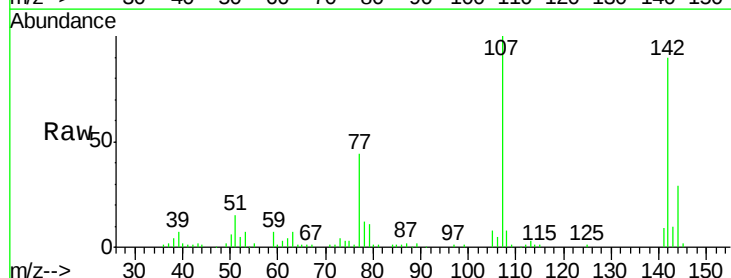
RT: 9.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

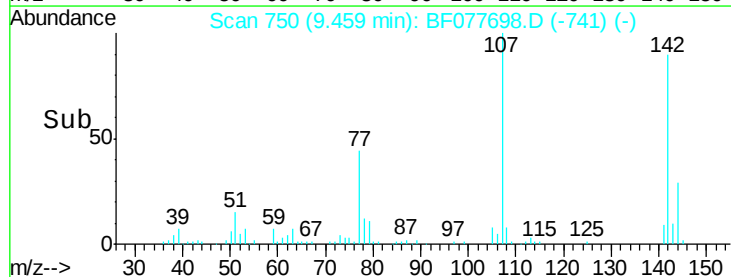
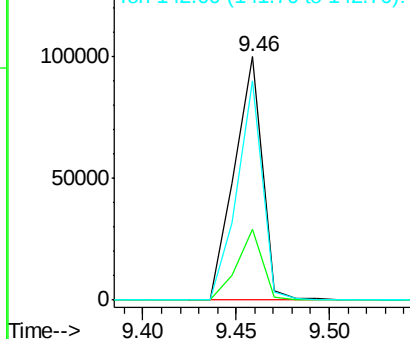
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 29.2  | 23.3  | 34.9  |
| 142     | 89.9  | 72.6  | 109.0 |

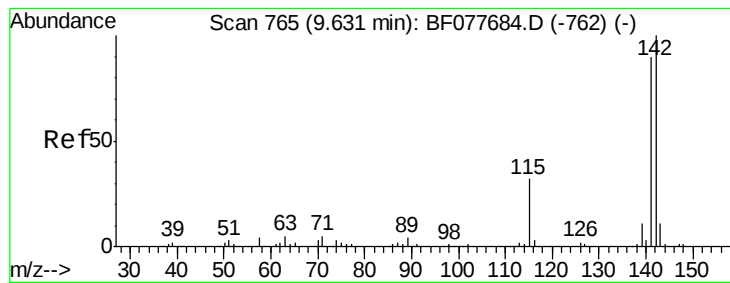


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





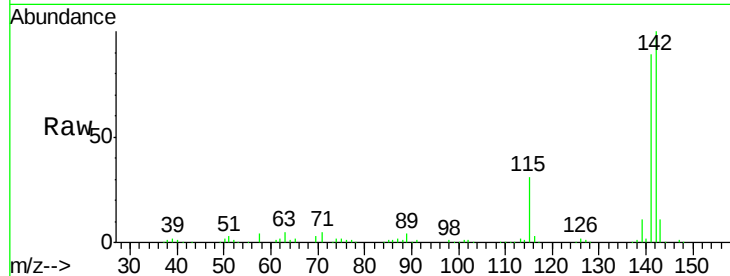
#37  
2-Methylnaphthalene  
Concen: 34.41 ng  
RT: 9.63 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

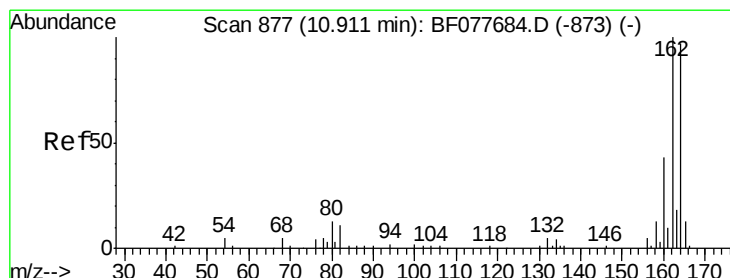
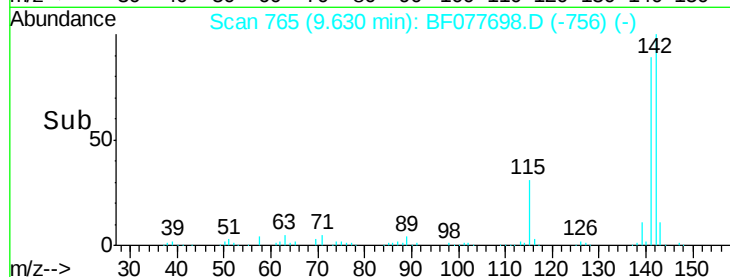
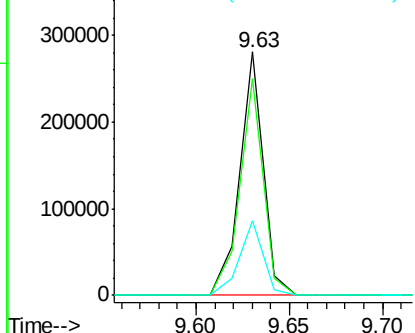
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 71.9  | 107.9 |
| 115     | 30.7  | 25.4  | 38.0  |

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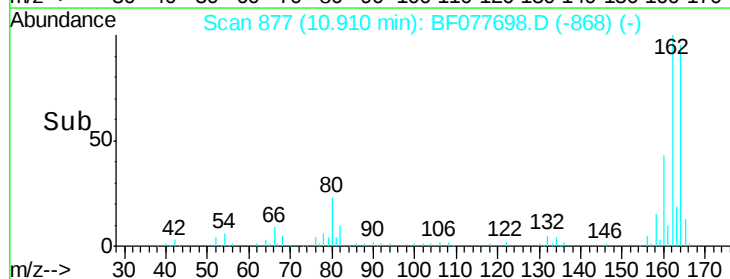
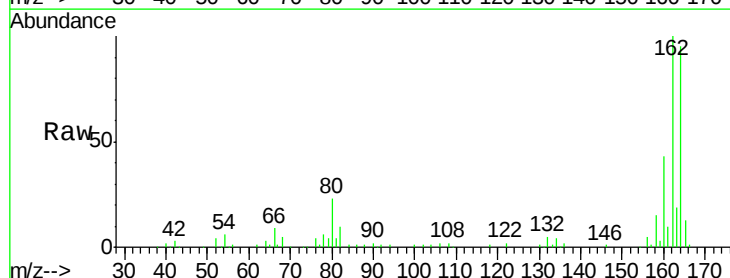
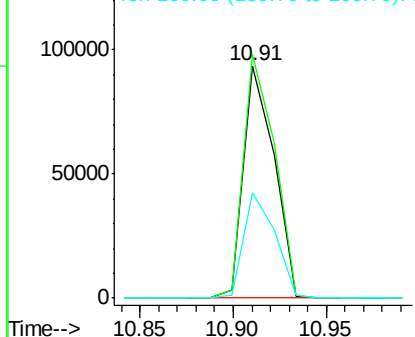
Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.91 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.7 | 82.4  | 123.6 |
| 160     | 45.2  | 35.8  | 53.6  |

Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.27 ng

RT: 9.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

Instrument :

BNA\_F

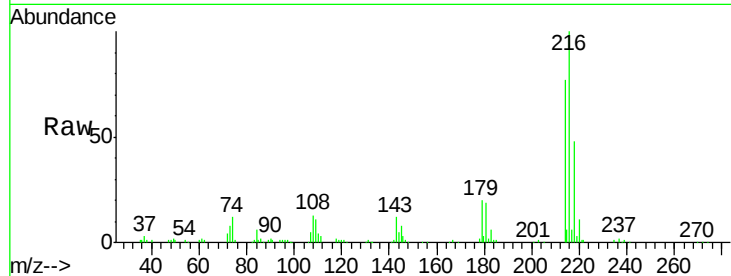
ClientSampleId :

FK-GF-01-012-AMSD

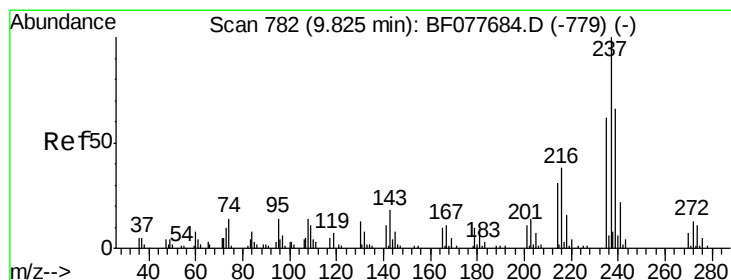
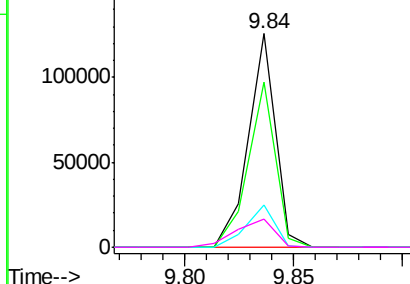
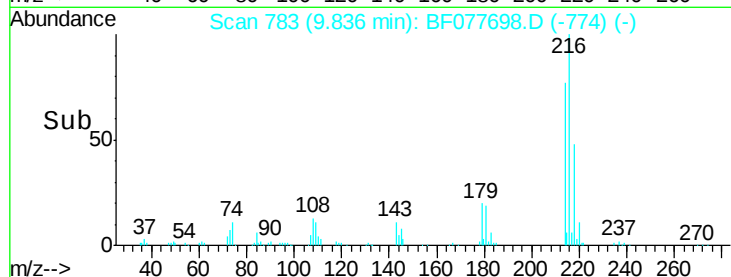
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 77.9  | 0.0  | 0.0   | 0.0   |
| 179     | 21.2  | 0.0  | 0.0   | 0.0   |
| 108     | 18.7  | 0.0  | 0.0   | 0.0   |

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



#40

Hexachlorocyclopentadiene

Concen: 67.49 ng

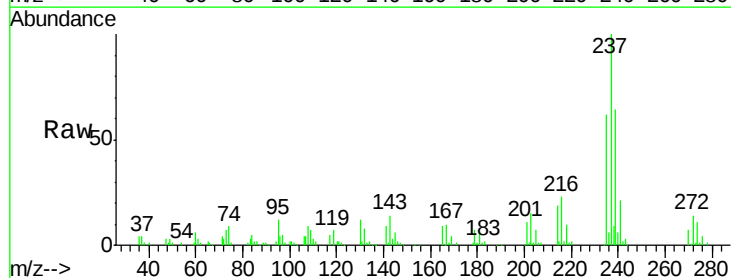
RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

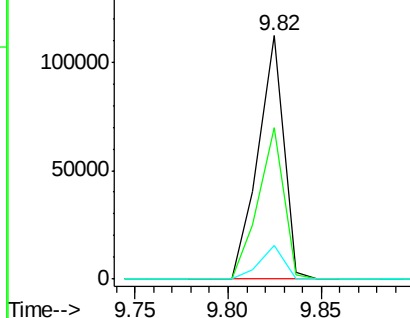
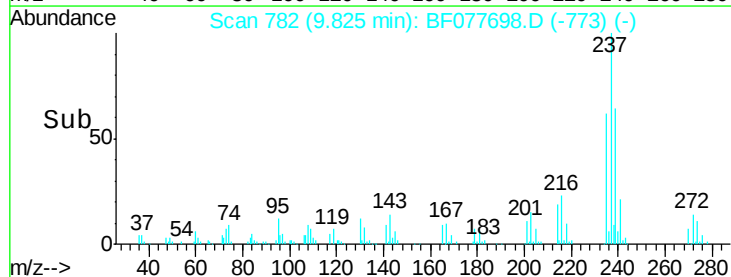
Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   |      |       |       |
| 235     | 62.1  | 42.0 | 82.0  |       |
| 272     | 13.6  | 0.0  | 33.4  |       |



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





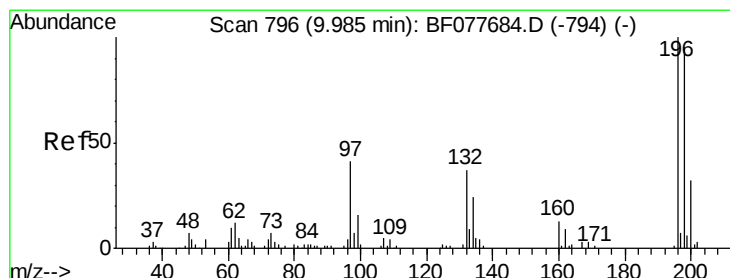
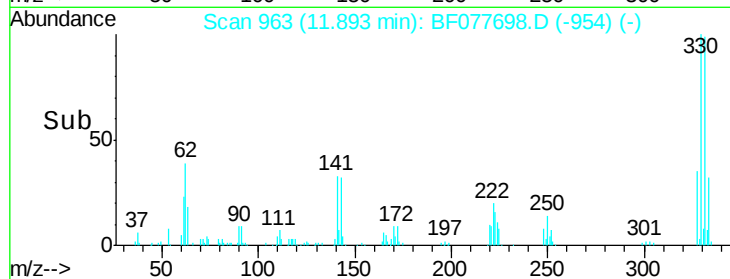
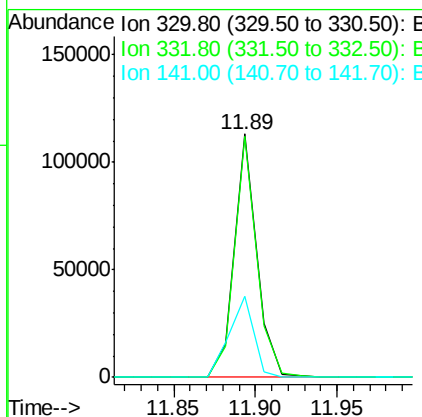
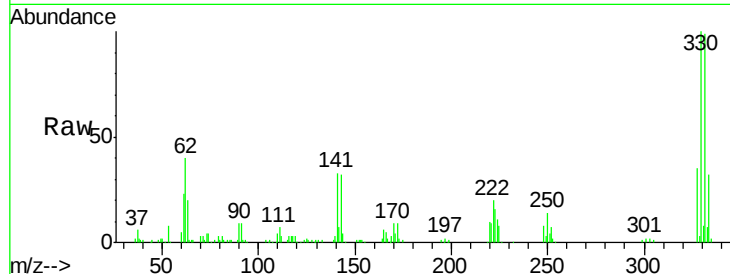
#41  
 2,4,6-Tribromophenol  
 Concen: 105.79 ng  
 RT: 11.89 min Scan# 963  
 Delta R.T. -0.00 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-012-AMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 97.5  | 0.0  | 0.0   | 0.0   |
| 141     | 36.5  | 0.0  | 0.0   | 0.0   |

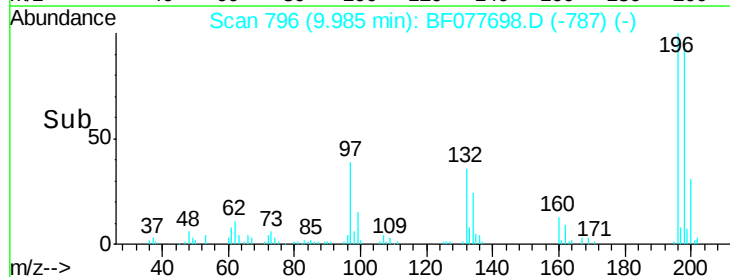
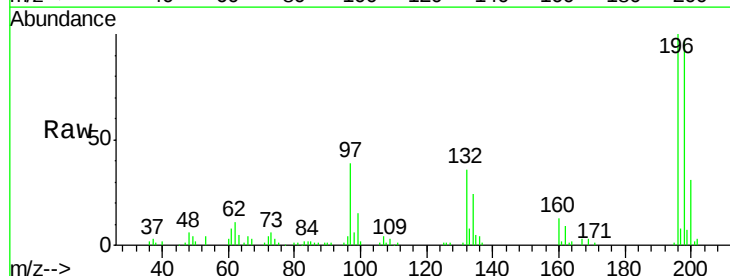
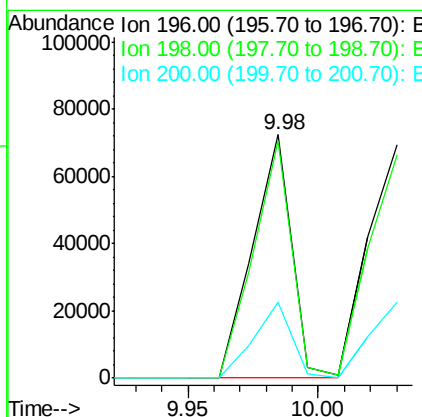
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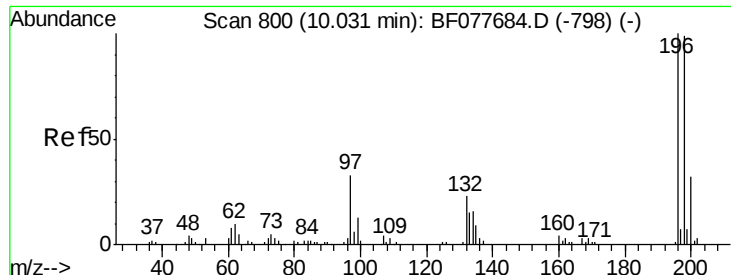
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#42  
 2,4,6-Trichlorophenol  
 Concen: 34.45 ng  
 RT: 9.98 min Scan# 796  
 Delta R.T. -0.00 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 97.5  | 76.3 | 114.5 |       |
| 200     | 31.0  | 25.6 | 38.4  |       |





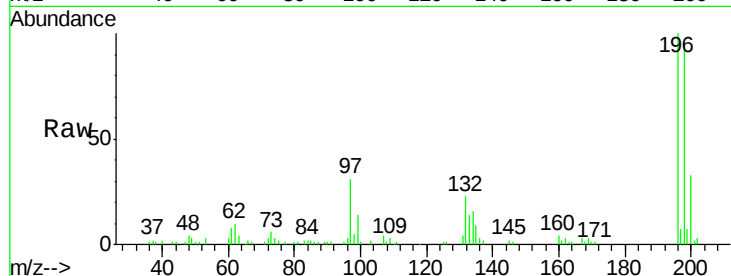
#43  
 2,4,5-Trichlorophenol  
 Concen: 33.72 ng  
 RT: 10.03 min Scan# 800  
 Delta R.T. -0.00 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-012-AMSD

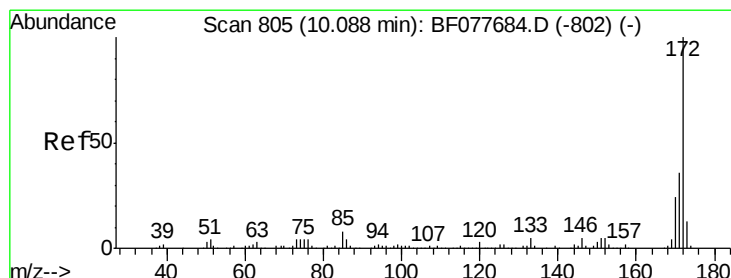
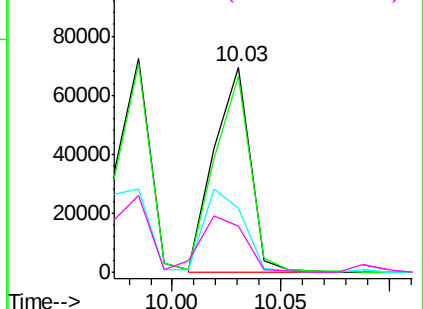
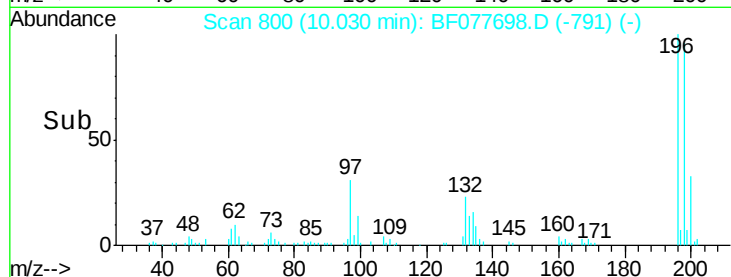
| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 196     | 100  |       | 80256 |       |       |
| 198     | 95.5 | 79.4  | 119.0 |       |       |
| 97      | 31.4 | 26.8  | 40.2  |       |       |
| 132     | 22.7 | 18.6  | 28.0  |       |       |

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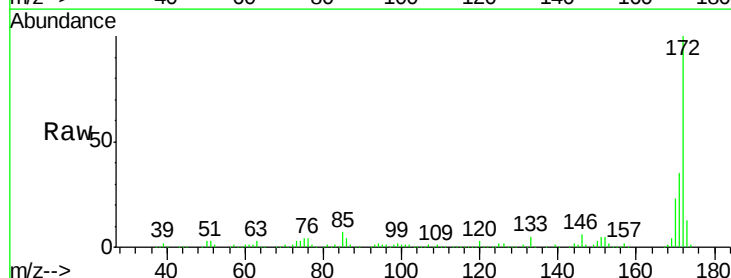


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

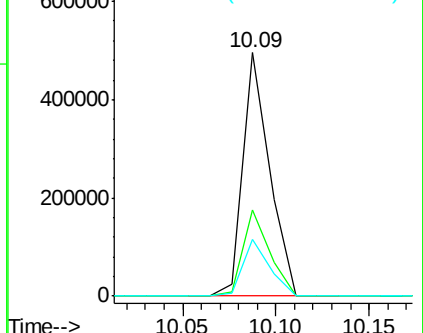
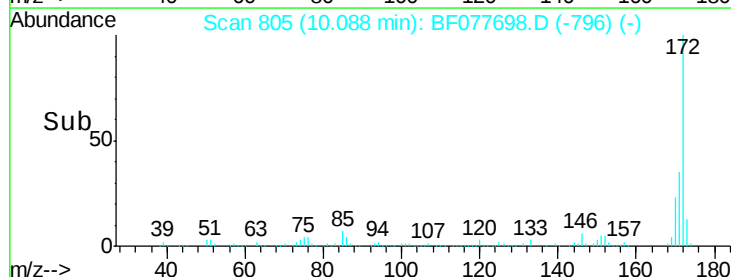


#44  
 2-Fluorobiphenyl  
 Concen: 68.00 ng  
 RT: 10.09 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 493405 |       |       |
| 171     | 35.3 | 28.5  | 42.7   |       |       |
| 170     | 23.2 | 18.8  | 28.2   |       |       |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





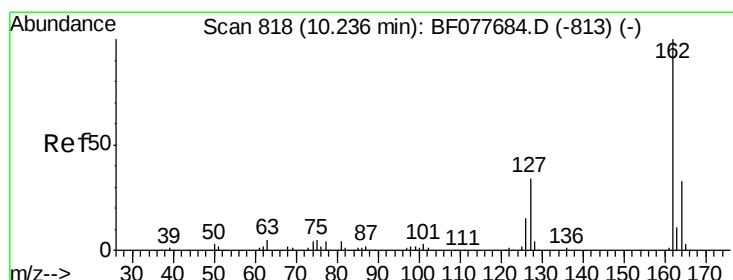
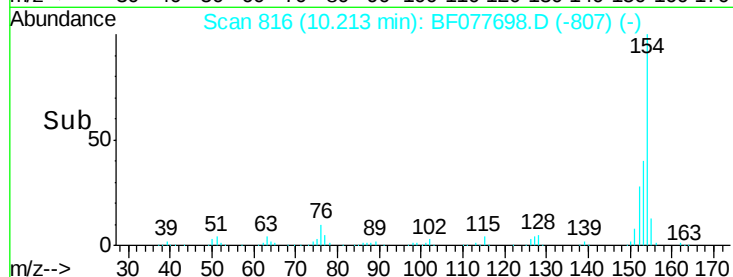
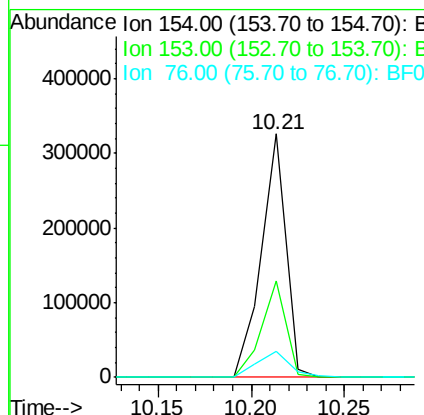
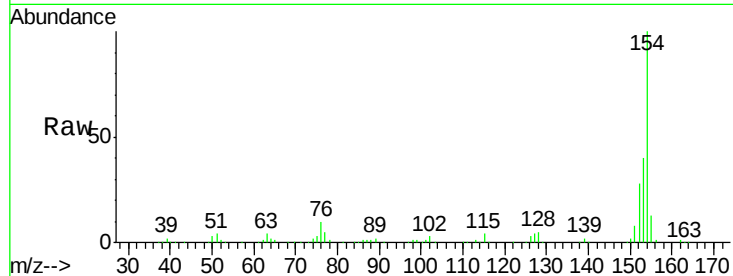
#45  
1,1'-Biphenyl  
Concen: 34.85 ng  
RT: 10.21 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.7  | 20.7  | 60.7  |
| 76      | 10.4  | 0.0   | 30.9  |

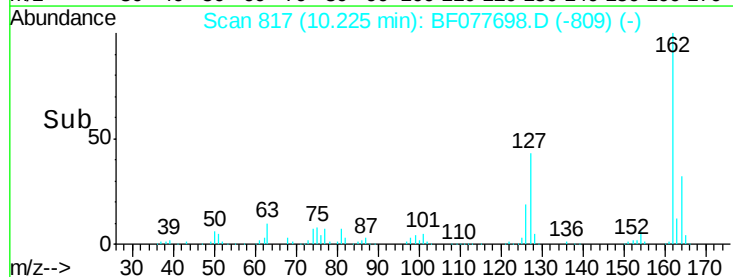
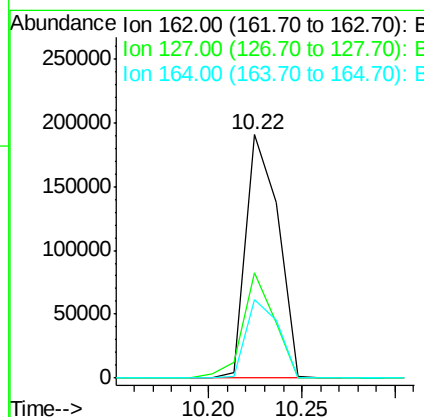
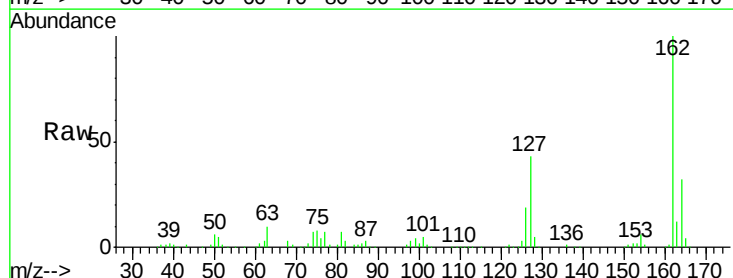
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#46  
2-Chloronaphthalene  
Concen: 33.09 ng  
RT: 10.22 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.4  | 26.9  | 40.3# |
| 164     | 32.0  | 26.8  | 40.2  |





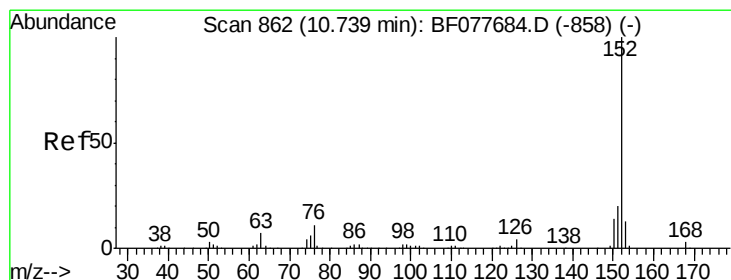
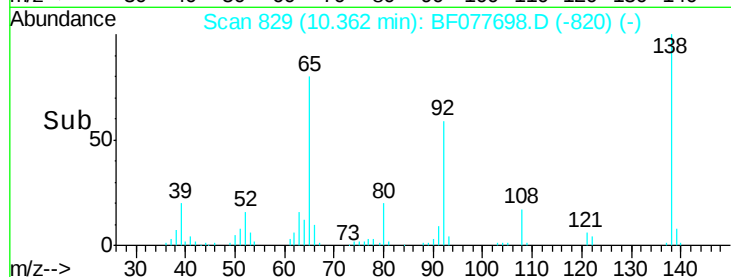
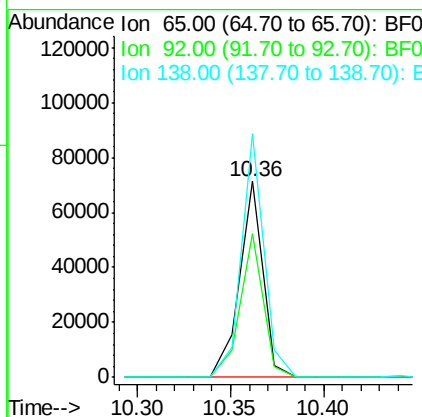
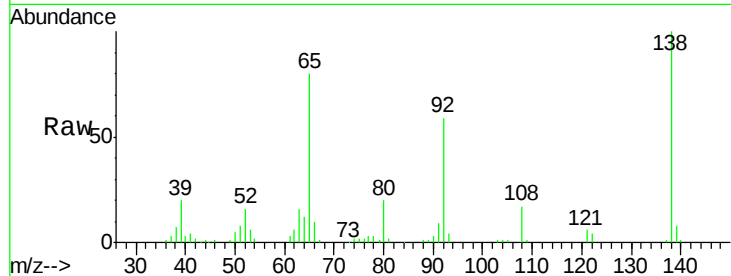
#47  
2-Nitroaniline  
Concen: 36.45 ng  
RT: 10.36 min Scan# 829  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.7  | 59.1  | 88.7  |
| 138     | 124.2 | 93.9  | 140.9 |

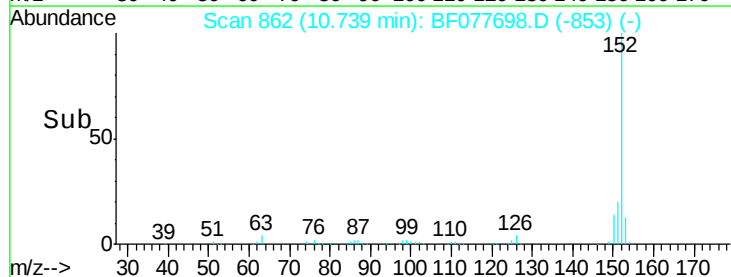
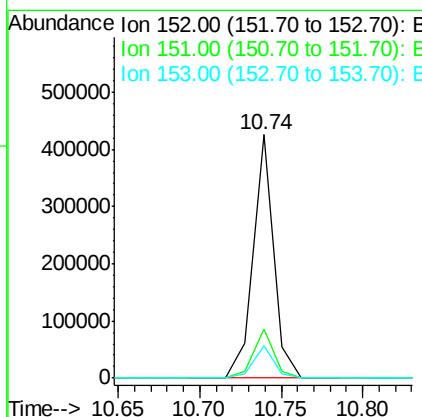
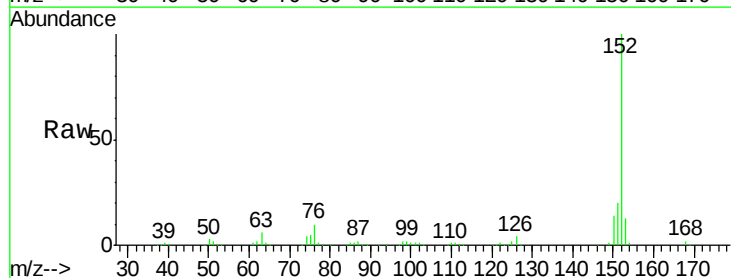
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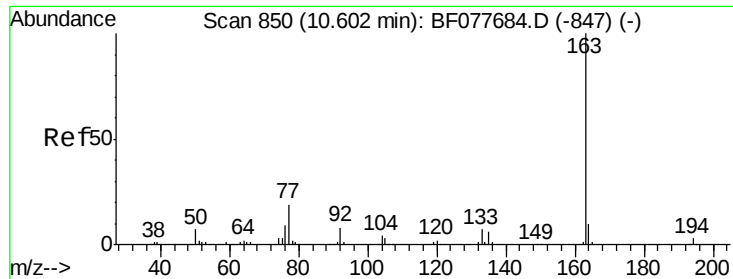
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#48  
Acenaphthylene  
Concen: 32.35 ng  
RT: 10.74 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 15.9  | 23.9  |
| 153     | 13.2  | 10.6  | 16.0  |





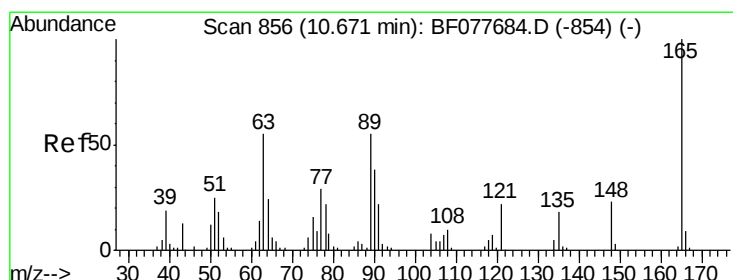
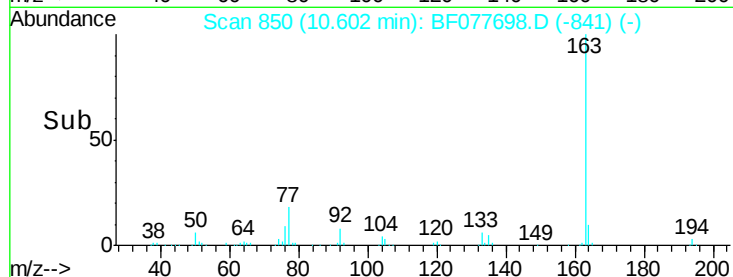
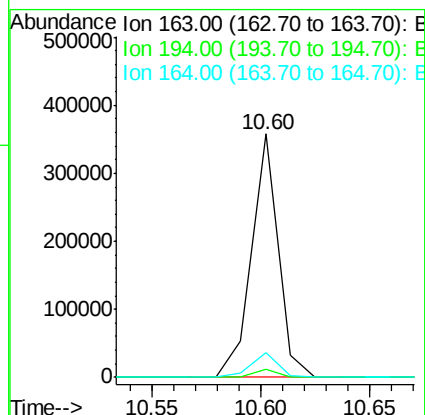
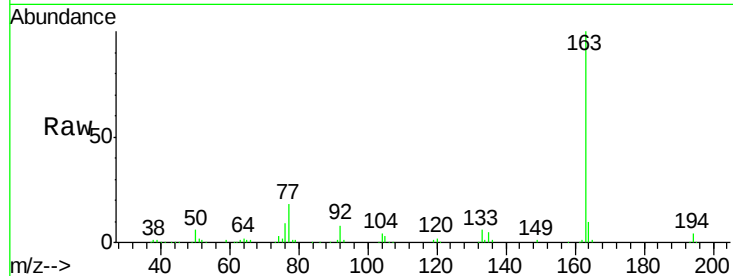
#49  
Dimethylphthalate  
Concen: 38.59 ng  
RT: 10.60 min Scan# 850  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 163     | 100   |            |       |
| 194     | 3.5   | 2.7        | 4.1   |
| 164     | 10.2  | 8.2        | 12.2  |

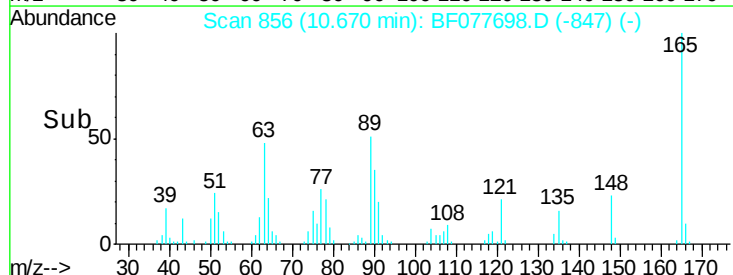
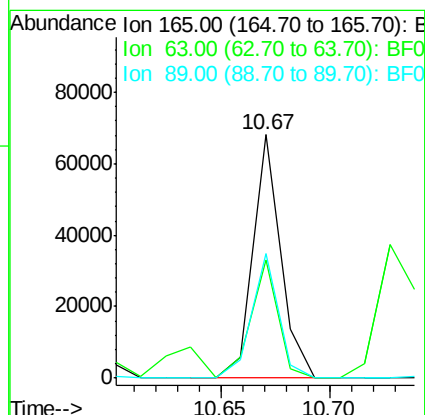
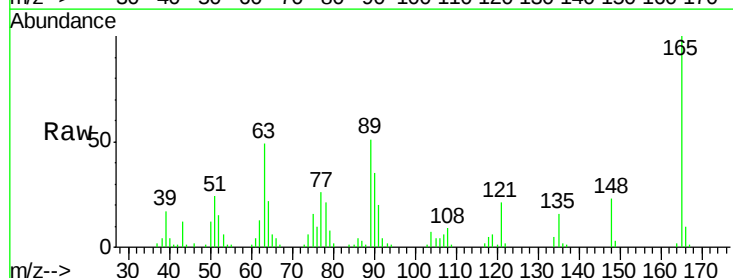
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#50  
2,6-Dinitrotoluene  
Concen: 36.68 ng  
RT: 10.67 min Scan# 856  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 48.6  | 44.1       | 66.1  |
| 89      | 51.4  | 44.3       | 66.5  |





#51

Acenaphthene

Concen: 32.00 ng

RT: 10.96 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF077698.D

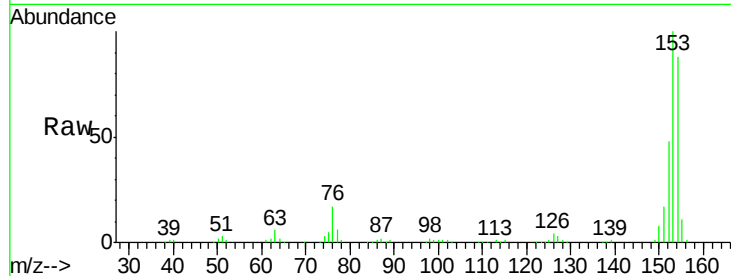
Acq: 11 Mar 2015 20:29

Instrument :

BNA\_F

ClientSampleId :

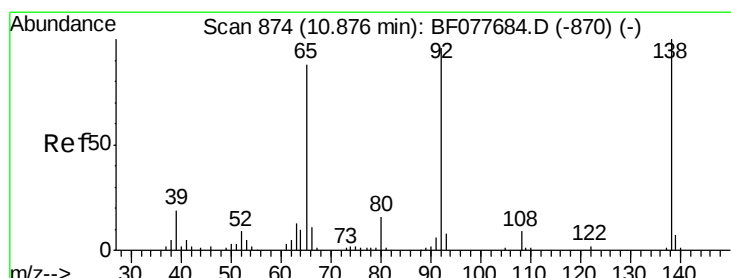
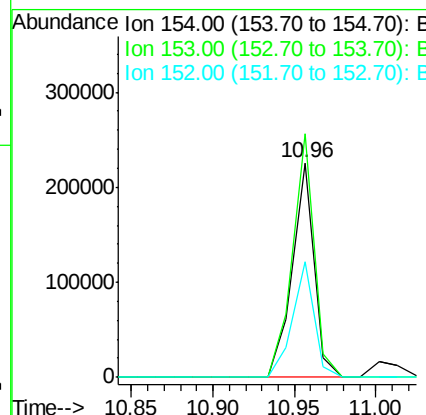
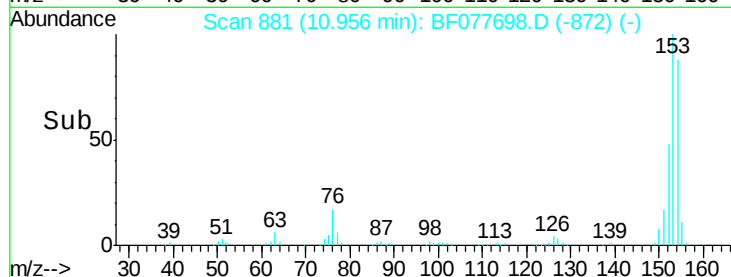
FK-GF-01-012-AMSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 211315 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.5 | 90.0  | 135.0  |
| 152       | 54.0  | 42.6  | 63.8   |

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#52

3-Nitroaniline

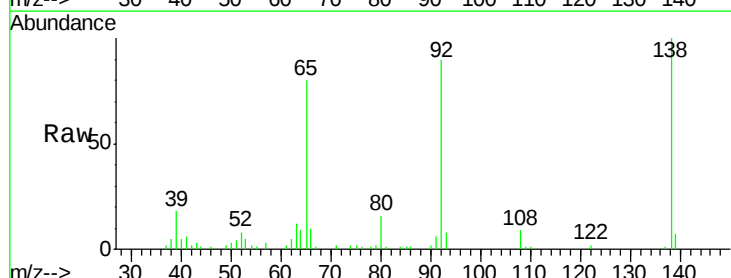
Concen: 26.83 ng

RT: 10.88 min Scan# 874

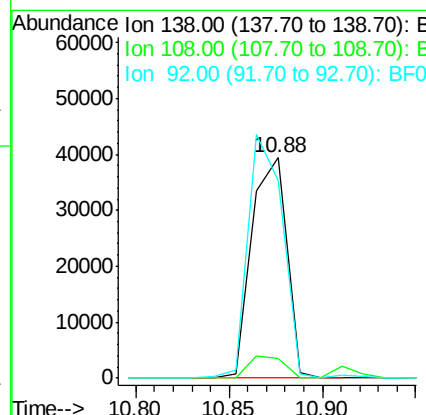
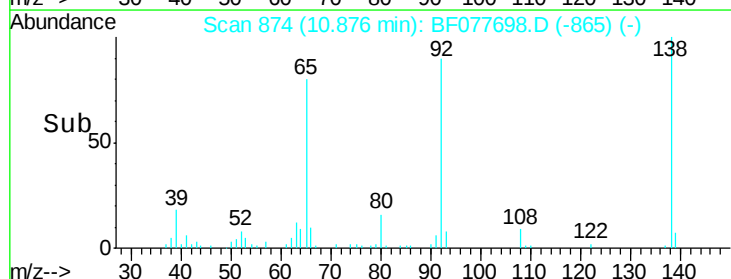
Delta R.T. -0.00 min

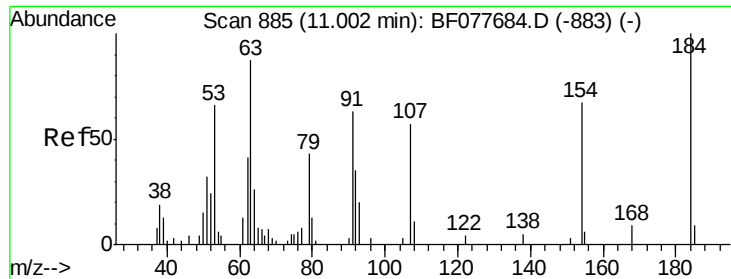
Lab File: BF077698.D

Acq: 11 Mar 2015 20:29



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 51084 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 8.8   | 7.3   | 10.9  |
| 92        | 89.7  | 76.6  | 114.8 |





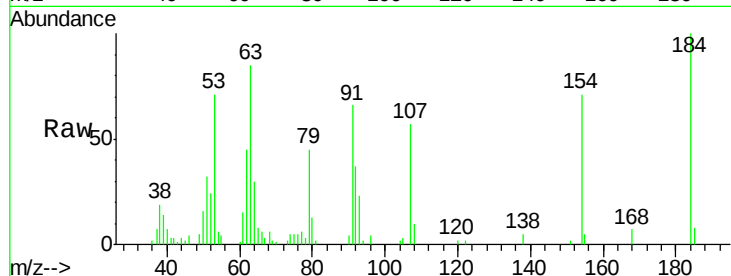
#53  
2,4-Dinitrophenol  
Concen: 60.53 ng  
RT: 11.00 min Scan# 885  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 85.1  | 69.2  | 103.8 |
| 154     | 71.5  | 53.3  | 79.9  |

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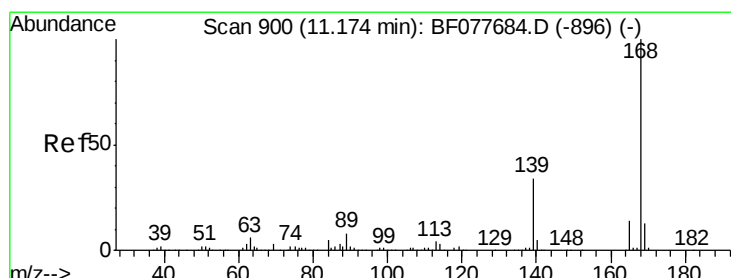
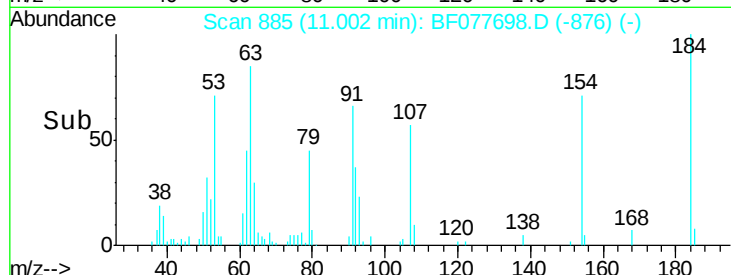
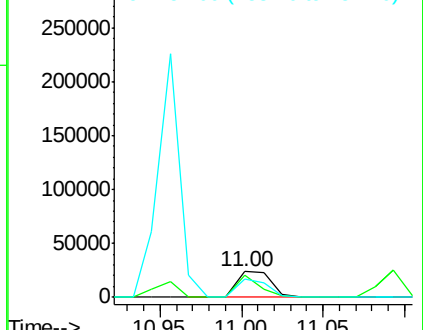


Abundance

Ion 184.00 (183.70 to 184.70): E

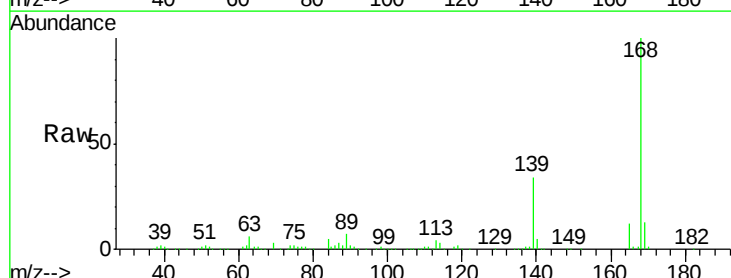
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54  
Dibenzofuran  
Concen: 34.76 ng  
RT: 11.17 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 34.5  | 27.3  | 40.9  |
| 169     | 13.0  | 10.6  | 16.0  |

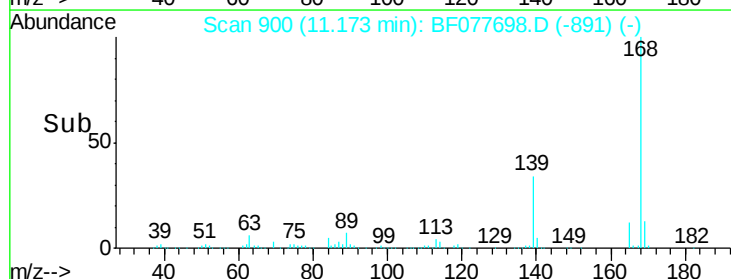
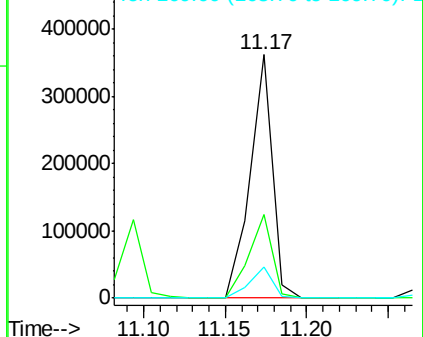


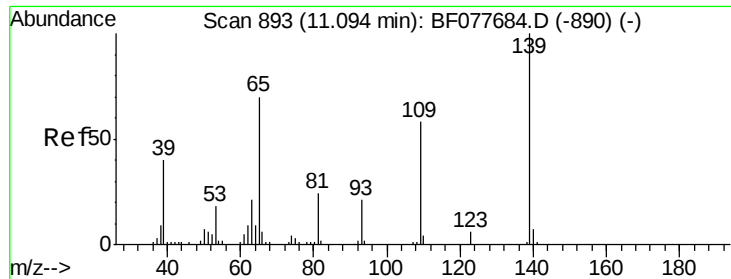
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





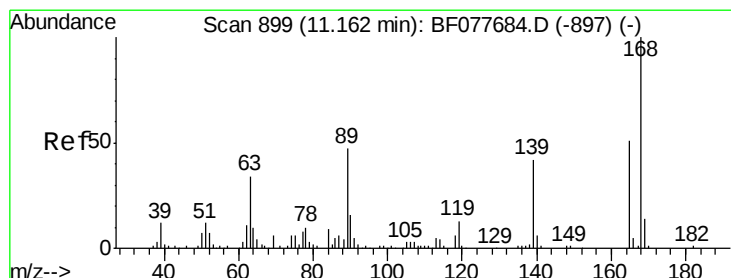
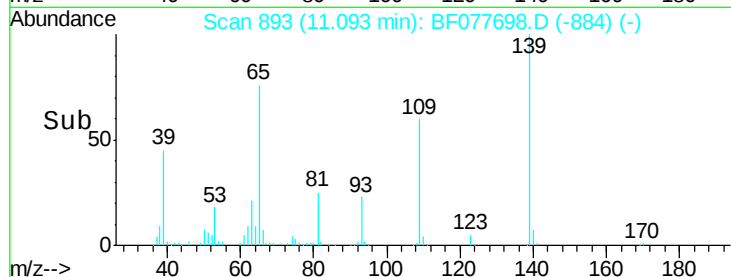
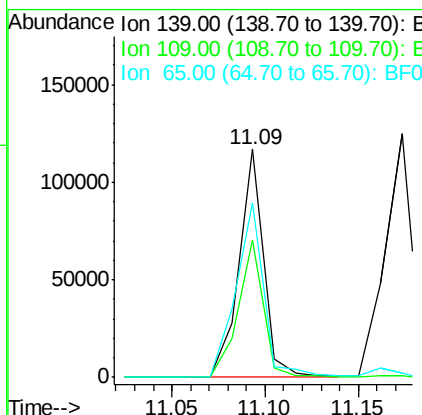
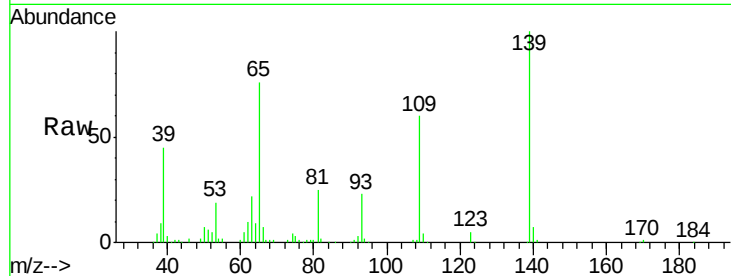
#55  
4-Nitrophenol  
Concen: 76.52 ng  
RT: 11.09 min Scan# 893  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 107922 |       |       |
| 109     | 60.4  | 37.7   | 77.7  |       |
| 65      | 76.4  | 49.9   | 89.9  |       |

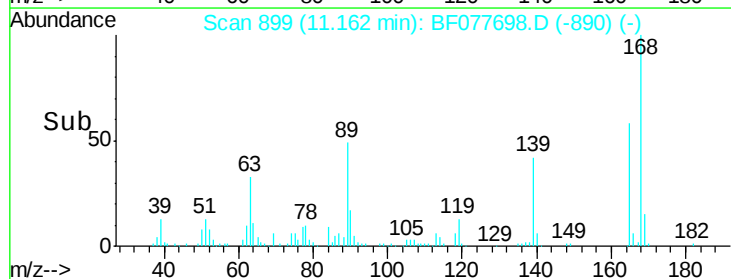
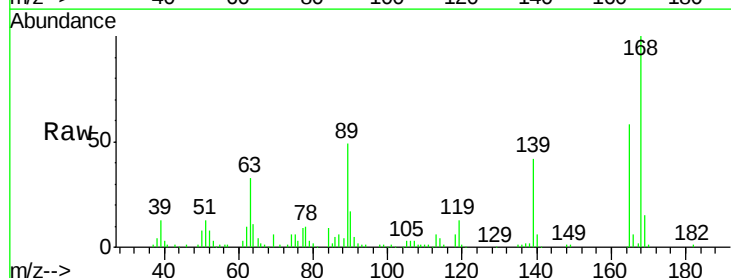
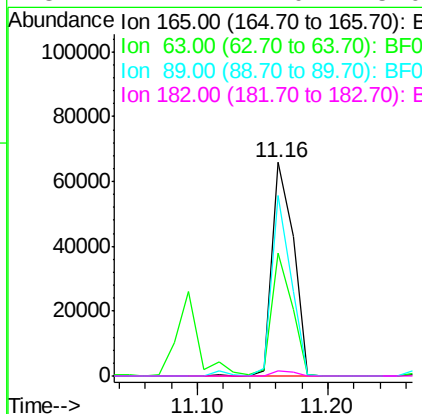
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#56  
2,4-Dinitrotoluene  
Concen: 35.65 ng  
RT: 11.16 min Scan# 899  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 76203 |       |       |
| 63      | 57.6  | 52.4  | 78.6  |       |
| 89      | 84.8  | 72.4  | 108.6 |       |
| 182     | 2.1   | 2.0   | 3.0   |       |





#57

Fluorene

Concen: 33.72 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

Instrument :

BNA\_F

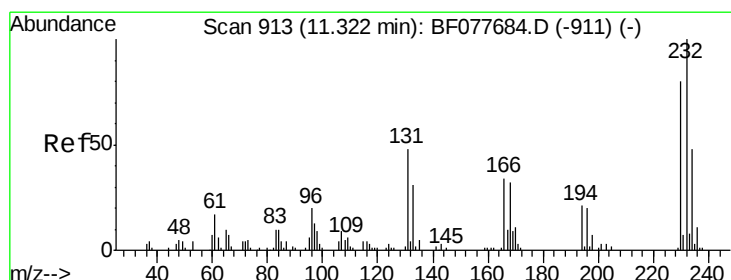
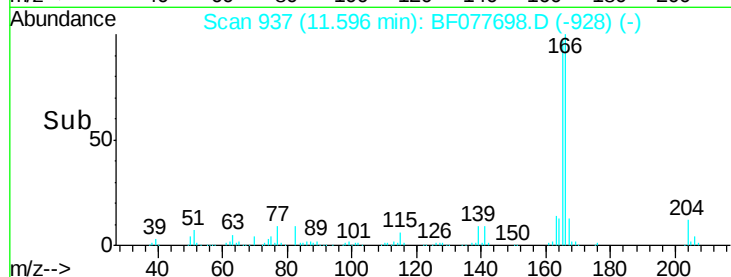
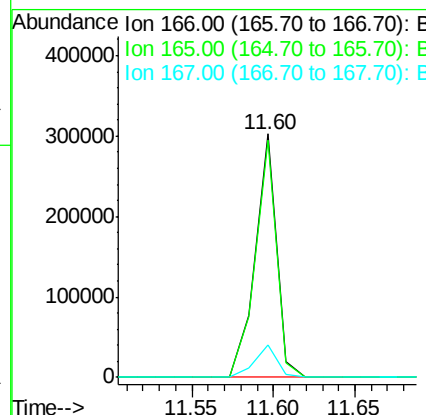
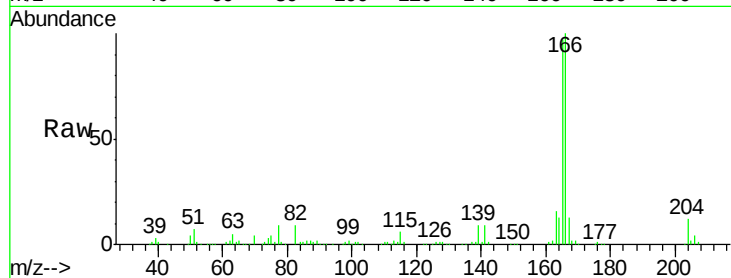
ClientSampleId :

FK-GF-01-012-AMSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 166  | Resp: | 274279 |
| Ion Ratio |      | Lower | Upper  |
| 166       | 100  |       |        |
| 165       | 97.3 | 79.0  | 118.4  |
| 167       | 13.1 | 10.3  | 15.5   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.65 ng

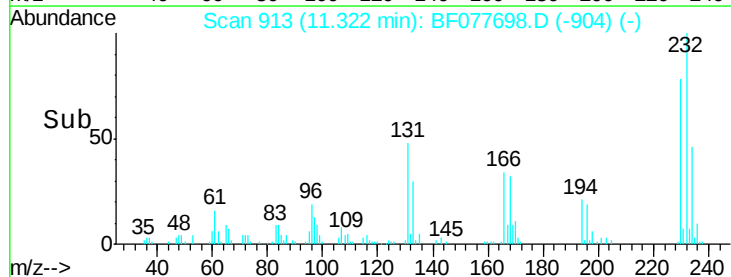
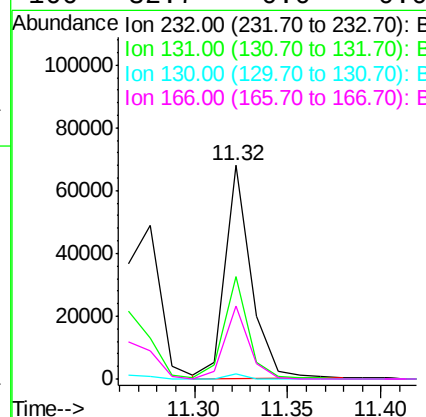
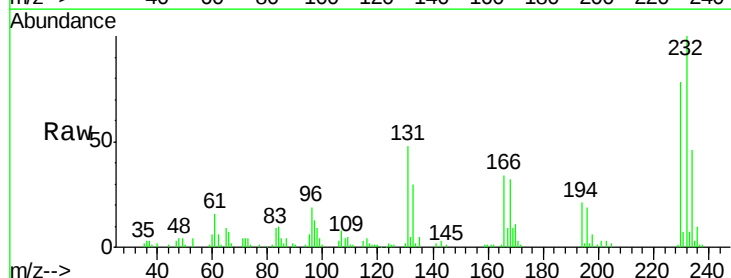
RT: 11.32 min Scan# 913

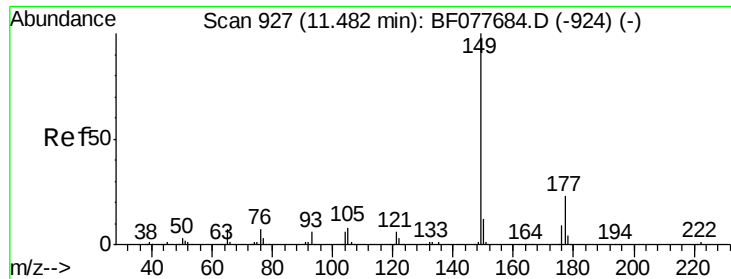
Delta R.T. -0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 232  | Resp: | 65340 |
| Ion Ratio |      | Lower | Upper |
| 232       | 100  |       |       |
| 131       | 46.2 | 0.0   | 0.0#  |
| 130       | 1.5  | 0.0   | 0.0#  |
| 166       | 32.7 | 0.0   | 0.0#  |





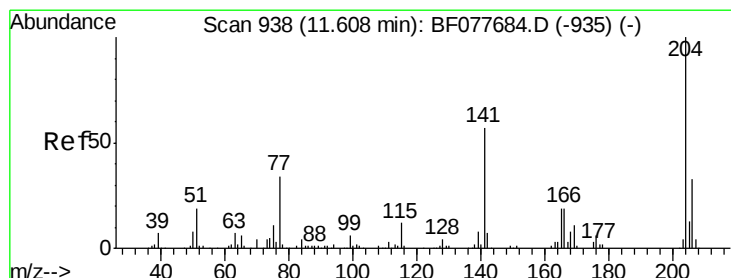
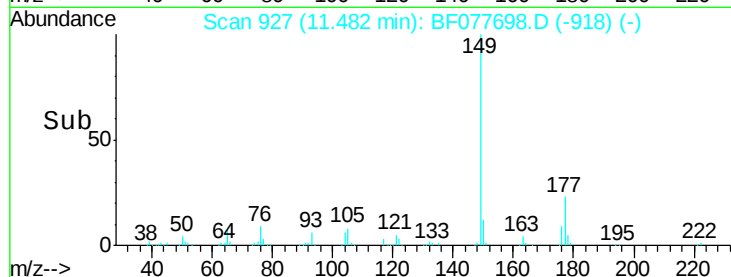
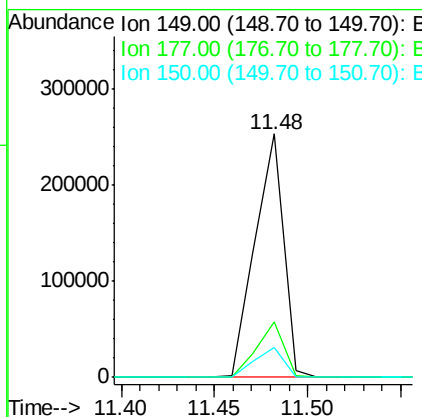
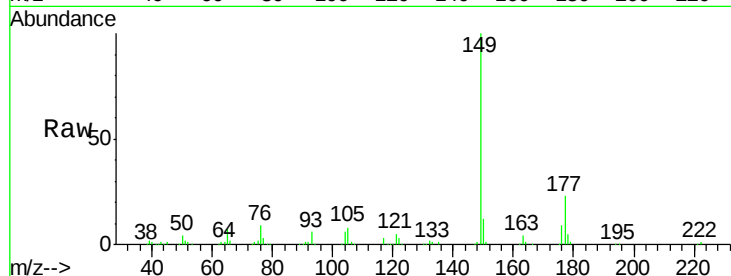
#59  
Diethylphthalate  
Concen: 34.67 ng  
RT: 11.48 min Scan# 927  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.0  | 18.3  | 27.5  |
| 150     | 12.3  | 9.8   | 14.8  |

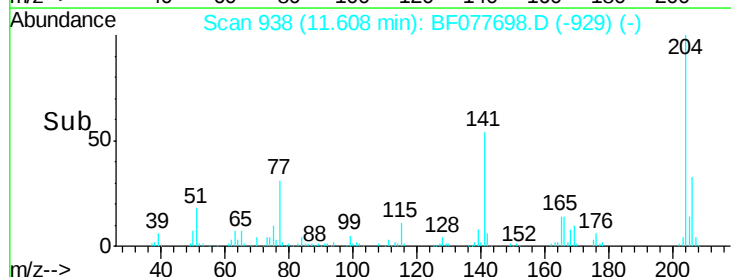
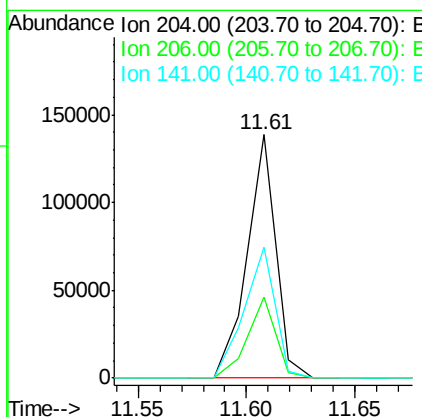
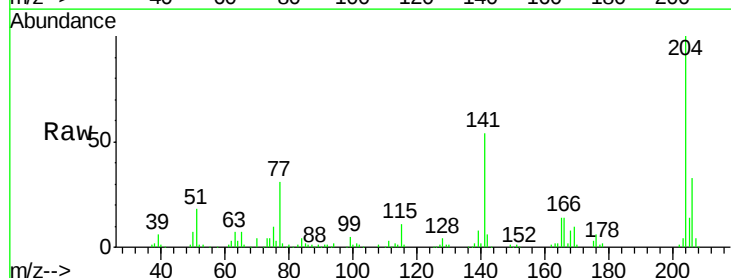
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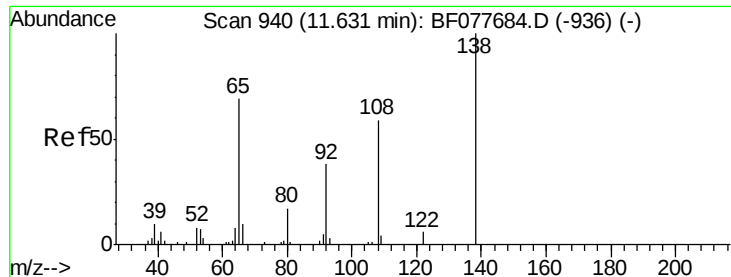
mohammad  
3/13/2015 9:40:30 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 34.02 ng  
RT: 11.61 min Scan# 938  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.1  | 26.6  | 39.8  |
| 141     | 54.0  | 45.2  | 67.8  |





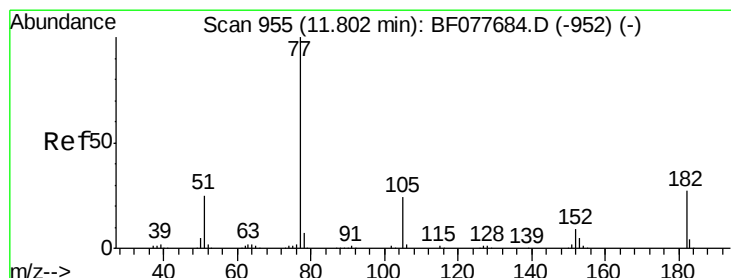
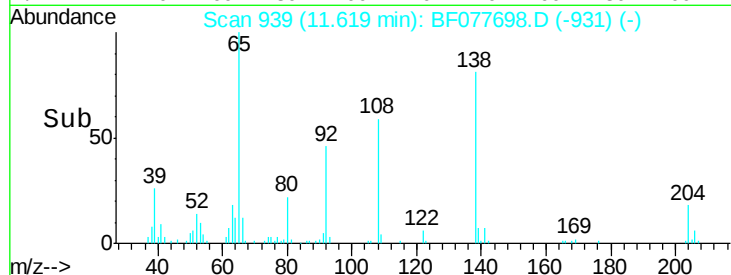
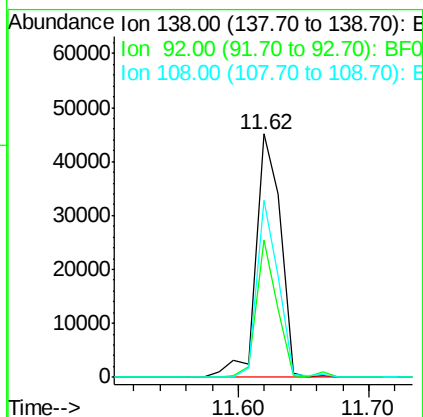
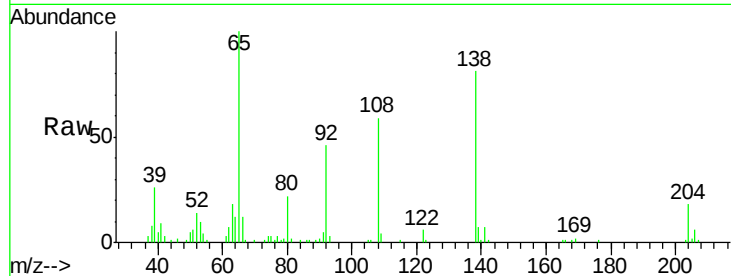
#61  
4-Nitroaniline  
Concen: 31.43 ng  
RT: 11.62 min Scan# 939  
Delta R.T. -0.01 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 56.2  | 16.7  | 56.7  |
| 108     | 72.7  | 37.6  | 77.6  |

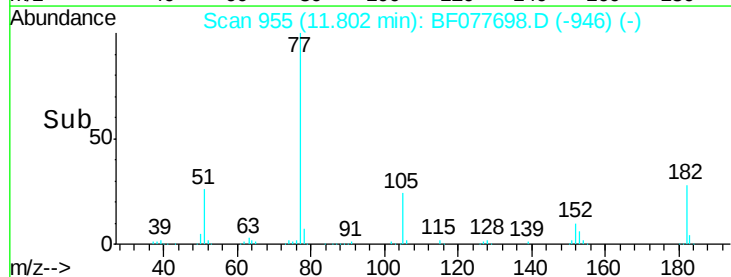
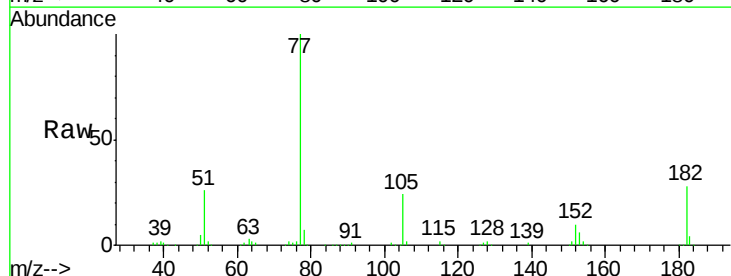
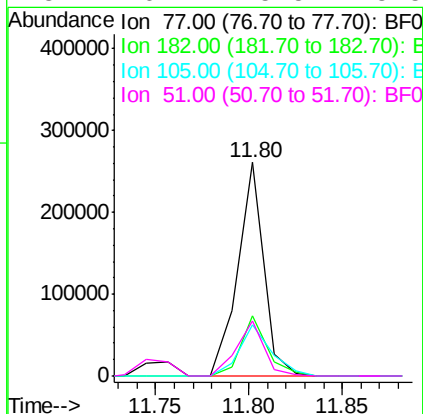
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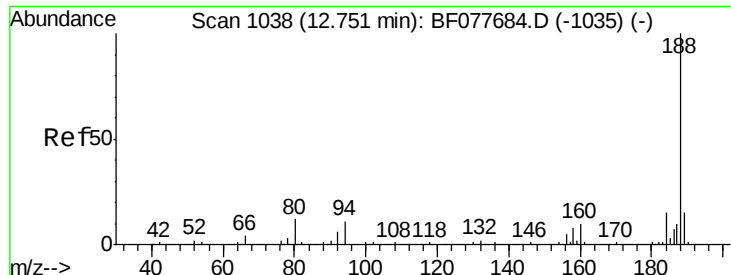
mohammad  
3/13/2015 9:40:30 AM



#62  
Azobenzene  
Concen: 34.65 ng  
RT: 11.80 min Scan# 955  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.2  | 6.5   | 46.5  |
| 105     | 24.1  | 3.8   | 43.8  |
| 51      | 26.1  | 5.5   | 45.5  |





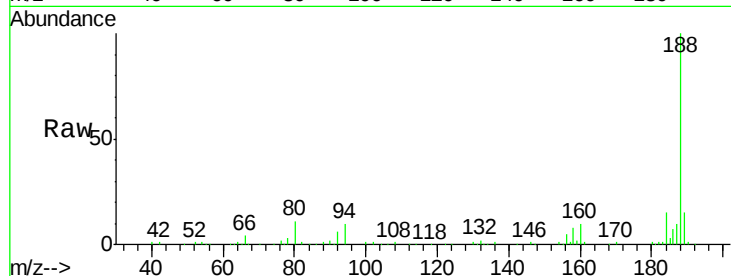
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.75 min Scan# 1038  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

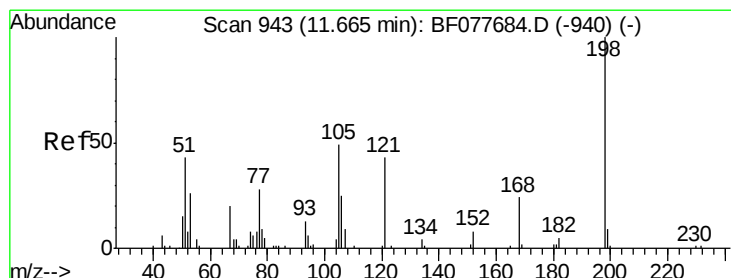
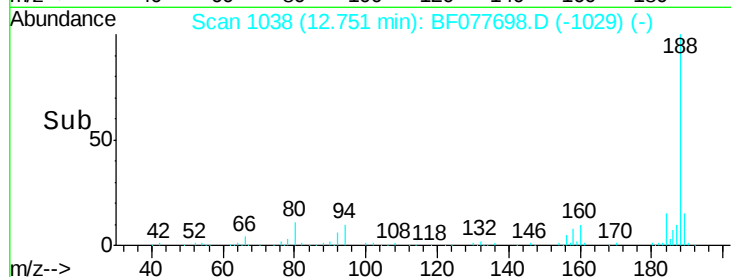
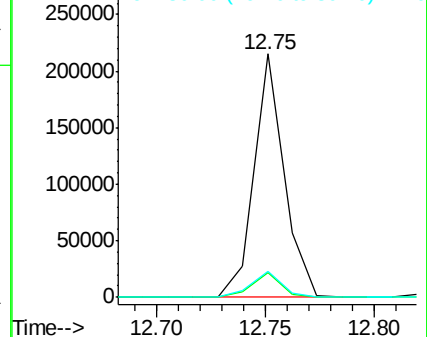
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 206567 |       |       |
| 94      | 10.2  |        | 8.7   | 13.1  |
| 80      | 10.8  |        | 9.3   | 13.9  |

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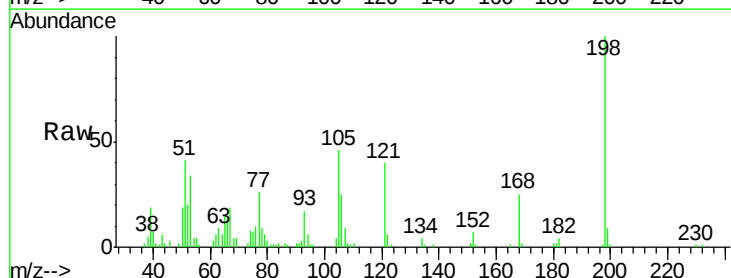


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

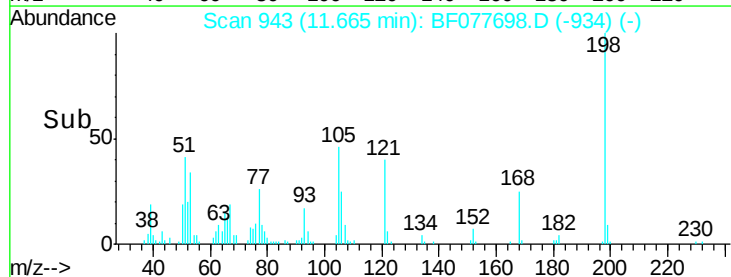
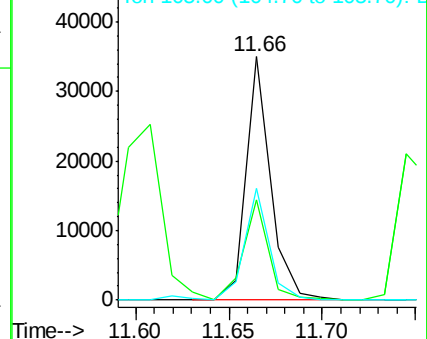


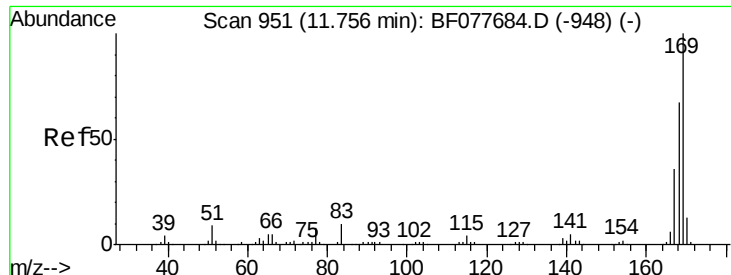
#64  
4,6-Dinitro-2-methylphenol  
Concen: 34.30 ng  
RT: 11.66 min Scan# 943  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 32141 |       |       |
| 51      | 41.4  |       | 28.8  | 68.8  |
| 105     | 46.0  |       | 30.5  | 70.5  |



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E





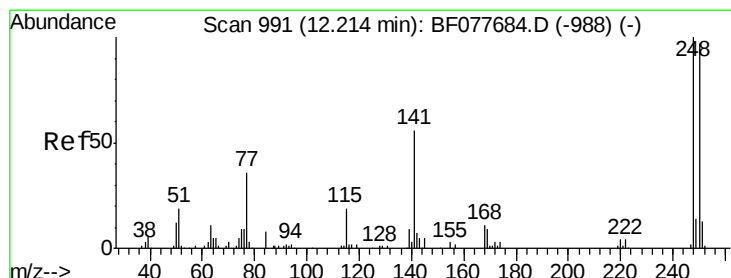
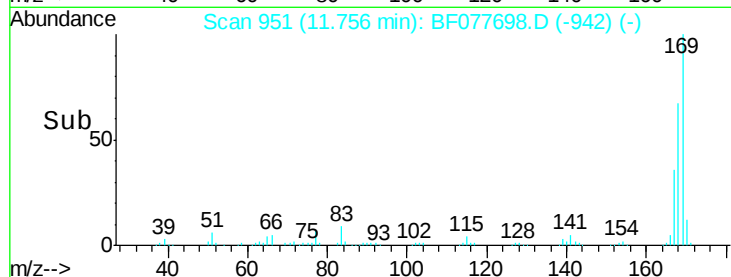
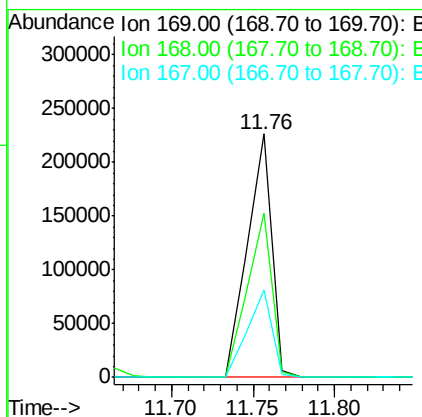
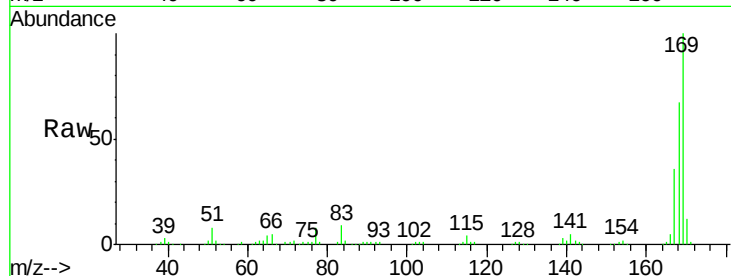
#65  
n-Nitrosodiphenylamine  
Concen: 34.05 ng  
RT: 11.76 min Scan# 951  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 234212 |       |       |
| 168     | 67.4  | 53.9   | 80.9  |       |
| 167     | 36.1  | 28.9   | 43.3  |       |

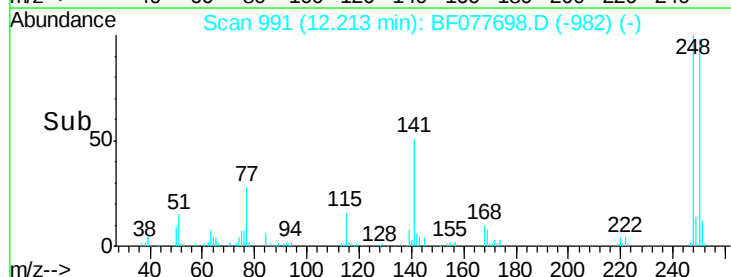
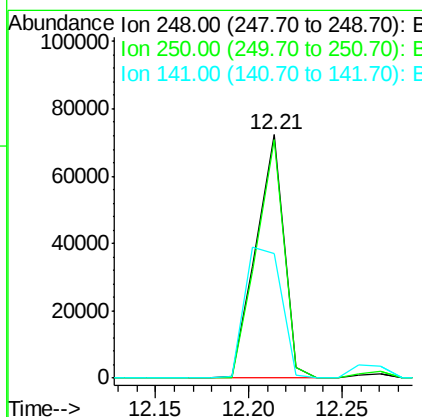
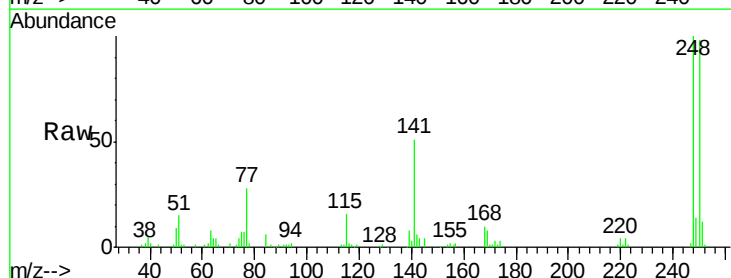
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#66  
4-Bromophenyl-phenylether  
Concen: 33.99 ng  
RT: 12.21 min Scan# 991  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 74925 |       |       |
| 250     | 98.2  | 77.4  | 116.0 |       |
| 141     | 51.4  | 45.2  | 67.8  |       |





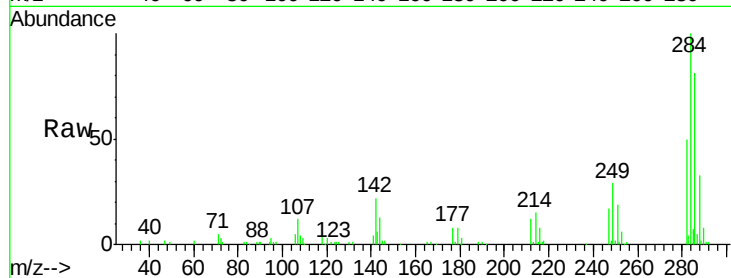
#67  
Hexachlorobenzene  
Concen: 33.55 ng  
RT: 12.27 min Scan# 996  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

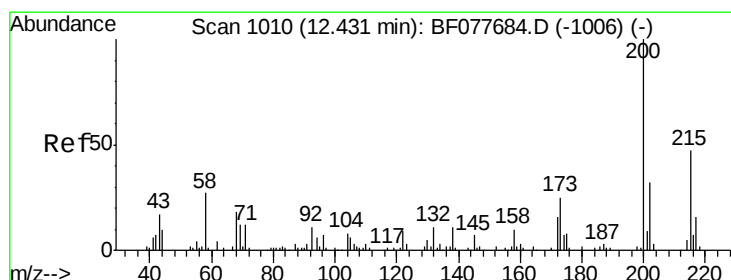
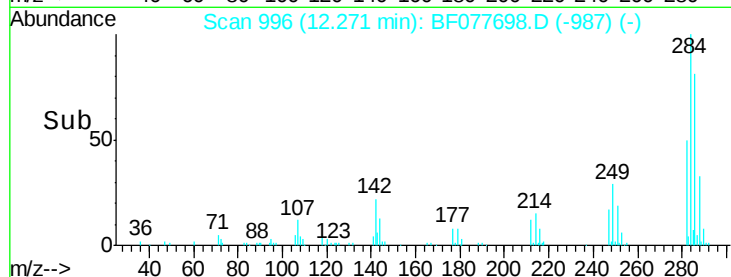
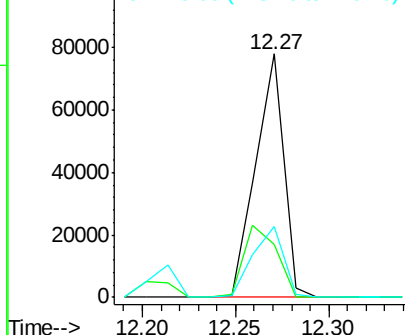
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 21.9  | 20.4  | 30.6  |
| 249     | 29.2  | 23.8  | 35.6  |

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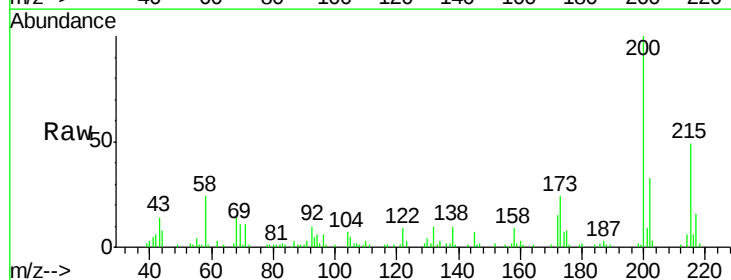


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

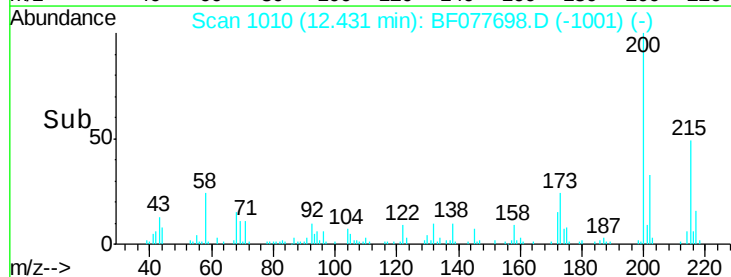
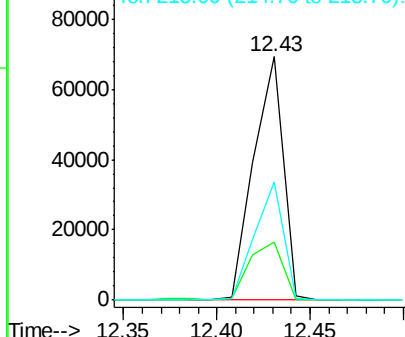


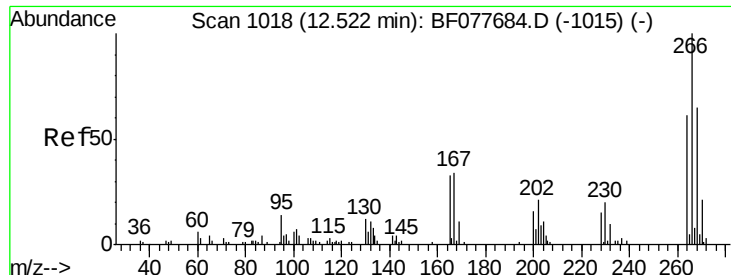
#68  
Atrazine  
Concen: 39.38 ng  
RT: 12.43 min Scan# 1010  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.0  | 4.8   | 44.8  |
| 215     | 48.5  | 26.9  | 66.9  |



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





#69

Pentachlorophenol

Concen: 68.29 ng

RT: 12.52 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

Instrument :

BNA\_F

ClientSampleId :

FK-GF-01-012-AMSD

Tot Ion:266 Resp: 86036

Ion Ratio Lower Upper

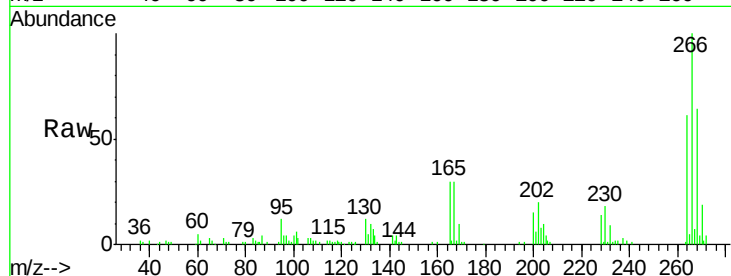
266 100

268 64.0 52.0 78.0

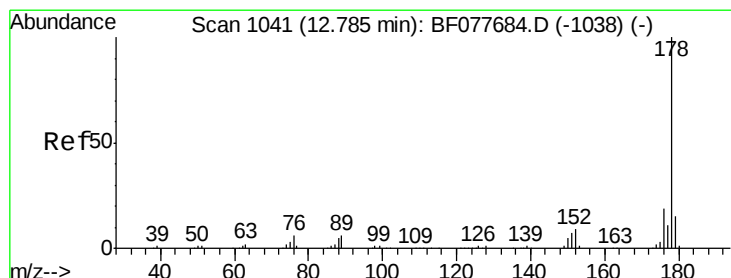
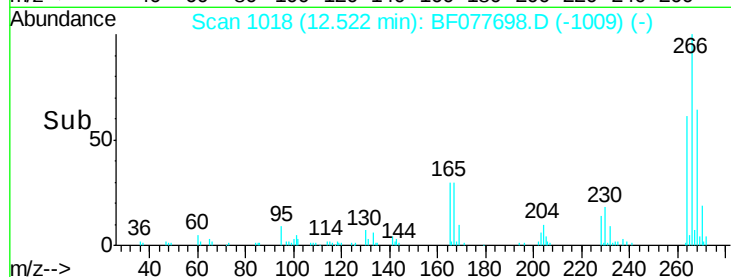
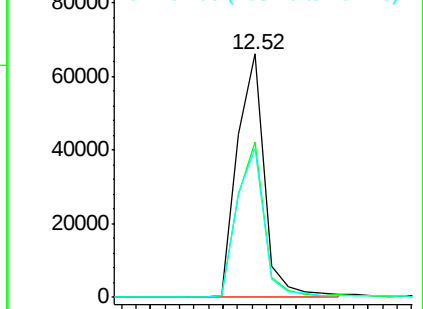
264 61.3 49.0 73.4

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



#70

Phenanthrene

Concen: 33.11 ng

RT: 12.78 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

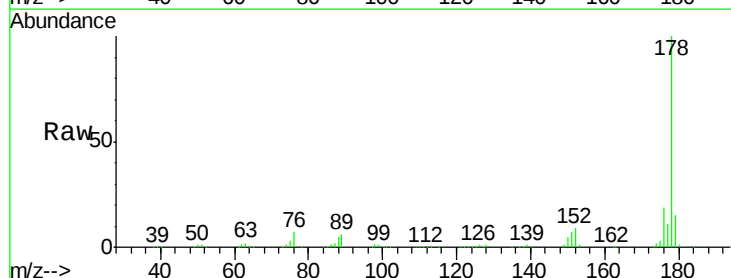
Tgt Ion:178 Resp: 392599

Ion Ratio Lower Upper

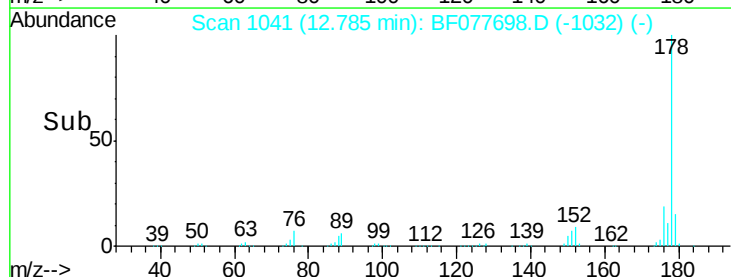
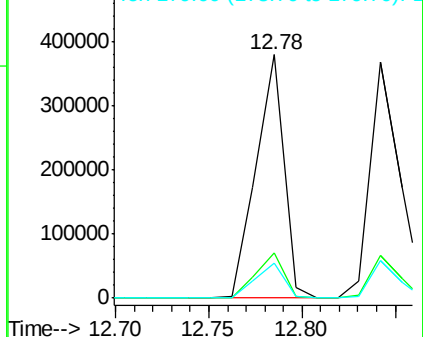
178 100

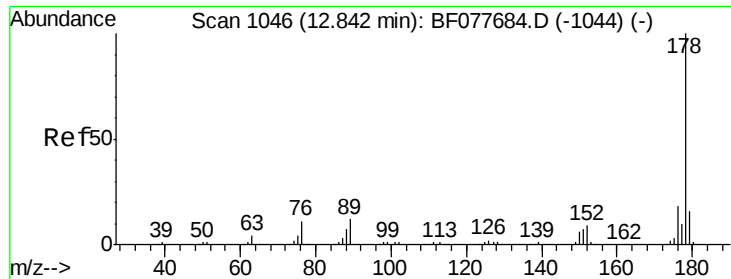
176 18.8 15.2 22.8

179 14.6 12.1 18.1



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





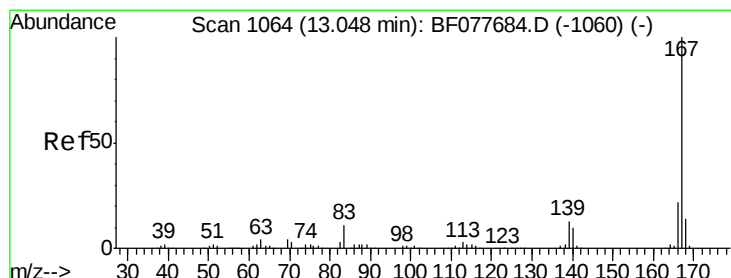
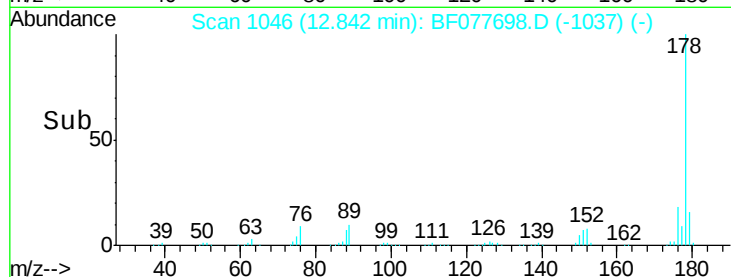
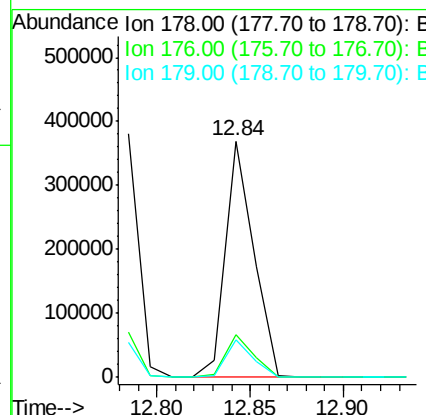
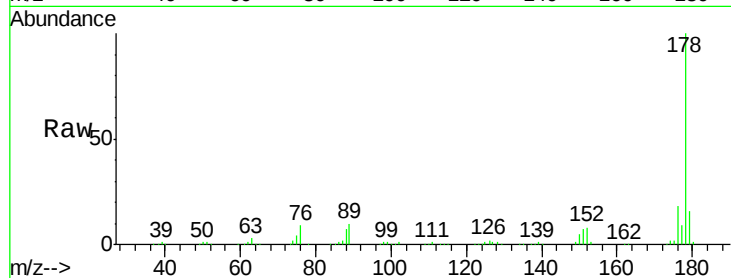
#71  
 Anthracene  
 Concen: 33.55 ng  
 RT: 12.84 min Scan# 1046  
 Delta R.T. -0.00 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.9  | 14.6  | 22.0  |
| 179     | 16.0  | 12.6  | 19.0  |

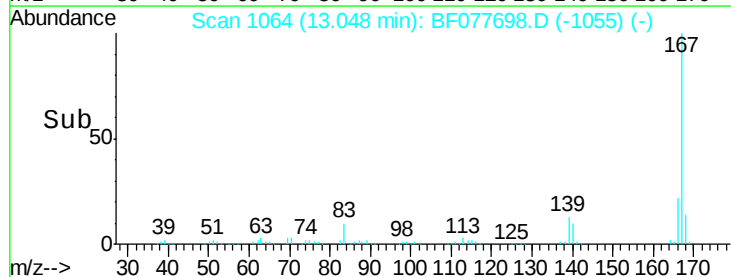
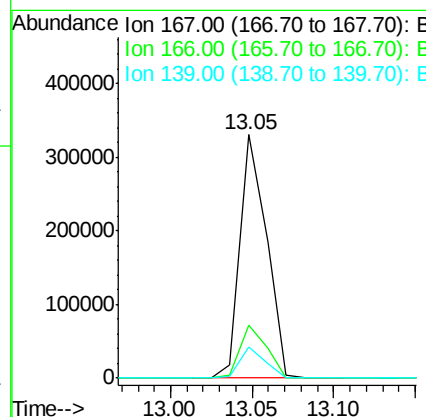
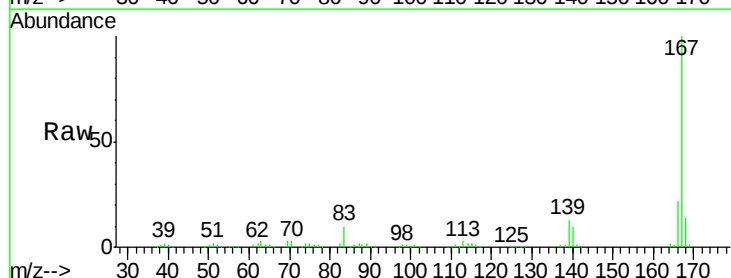
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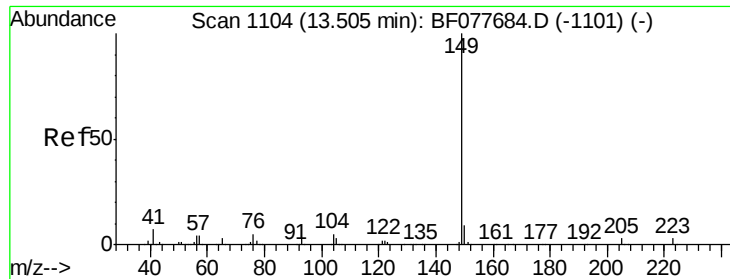
mohammad  
 3/13/2015 9:40:30 AM



#72  
 Carbazole  
 Concen: 33.20 ng  
 RT: 13.05 min Scan# 1064  
 Delta R.T. -0.00 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 17.2  | 25.8  |
| 139     | 12.7  | 10.8  | 16.2  |





#73

Di-n-butylphthalate

Concen: 34.73 ng

RT: 13.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

Instrument :

BNA\_F

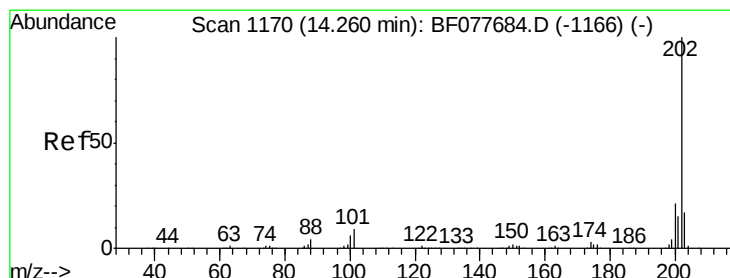
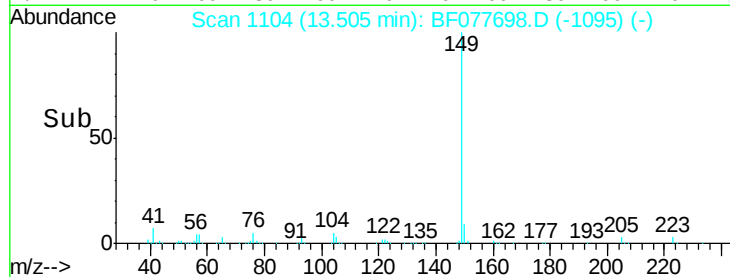
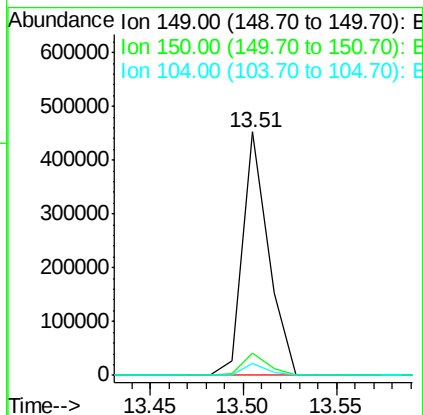
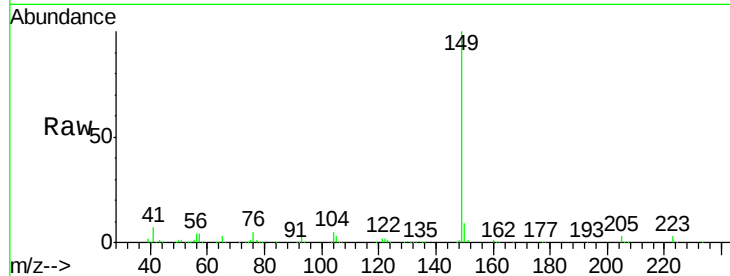
ClientSampleId :

FK-GF-01-012-AMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 434050 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.4   | 7.5   | 11.3   |
| 104       | 4.8   | 3.7   | 5.5    |

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#74

Fluoranthene

Concen: 32.50 ng

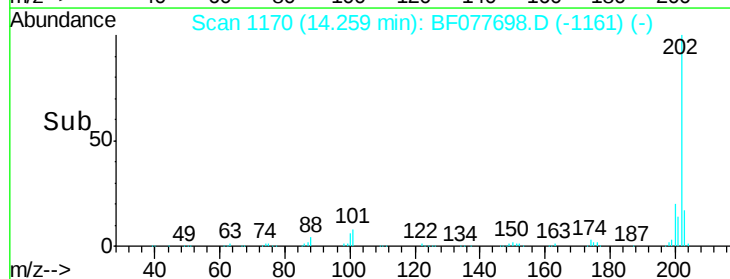
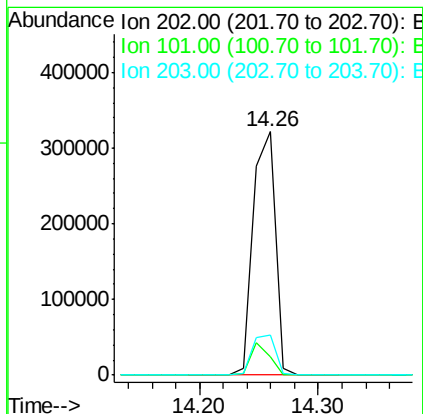
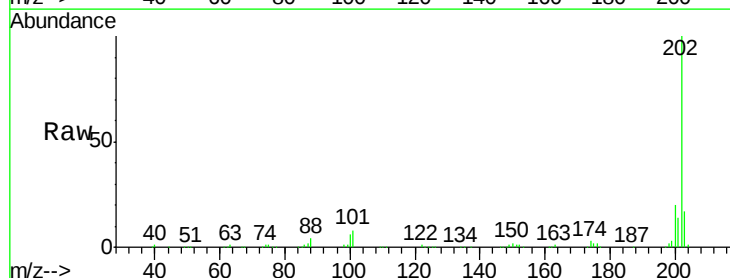
RT: 14.26 min Scan# 1170

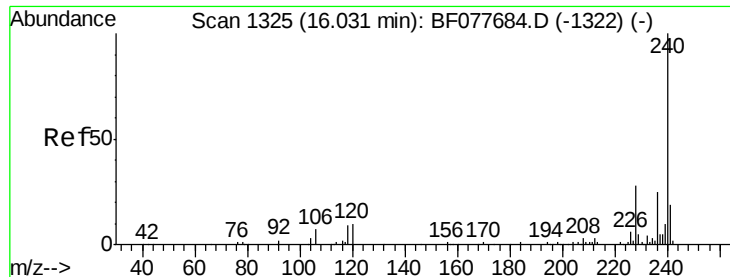
Delta R.T. -0.00 min

Lab File: BF077698.D

Acq: 11 Mar 2015 20:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 425138 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.6   | 0.0   | 28.7   |
| 203       | 16.7  | 0.0   | 37.2   |





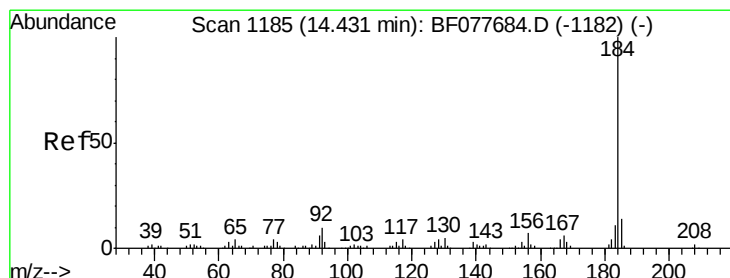
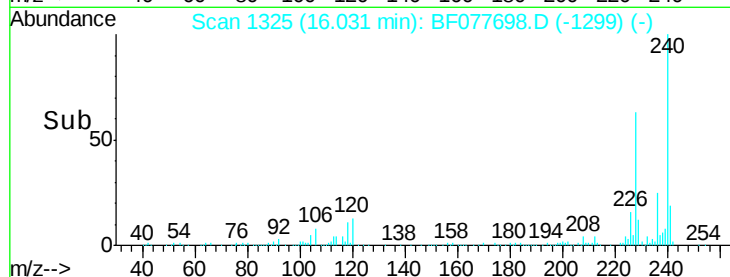
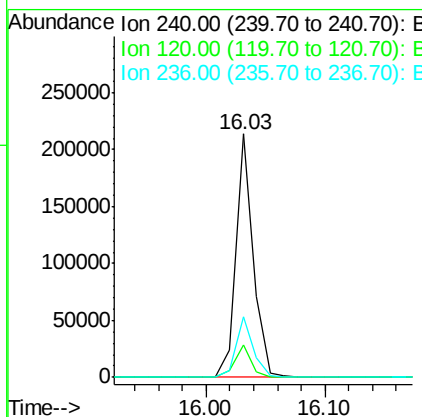
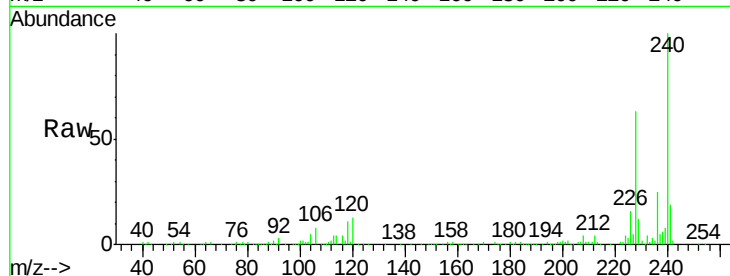
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.03 min Scan# 1325  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.2  | 8.2   | 12.2  |
| 236     | 24.7  | 20.0  | 30.0  |

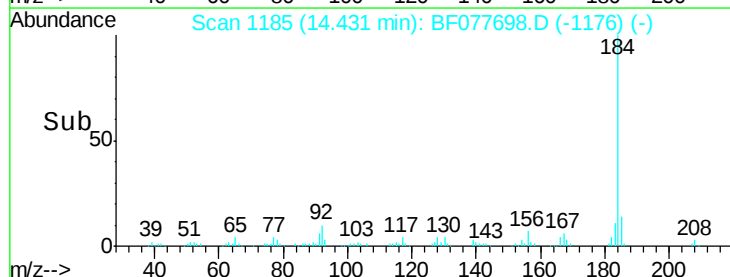
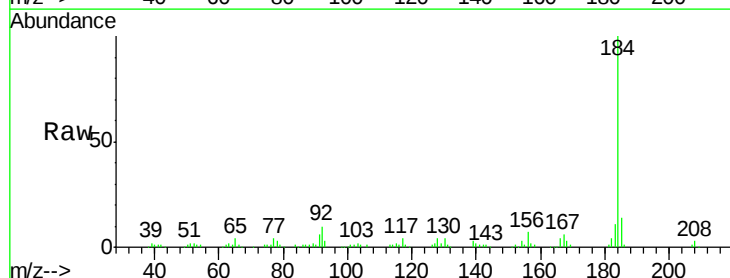
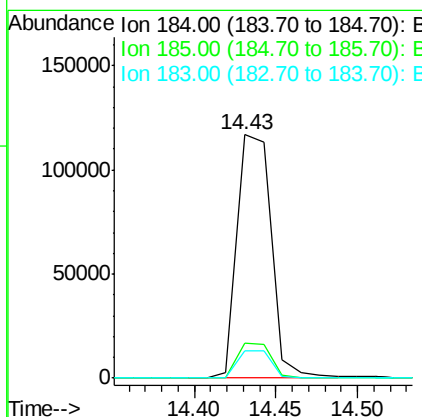
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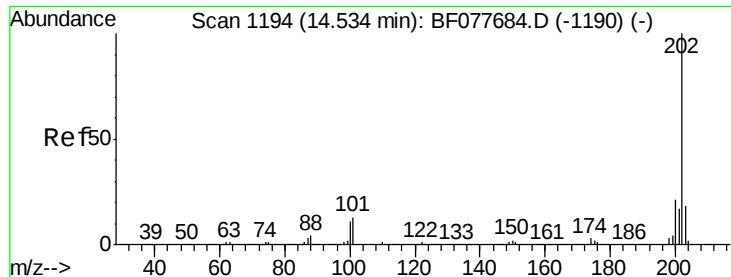
mohammad  
3/13/2015 9:40:30 AM



#76  
Benzidine  
Concen: 31.64 ng  
RT: 14.43 min Scan# 1185  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.4  | 11.3  | 16.9  |
| 183     | 11.5  | 8.9   | 13.3  |





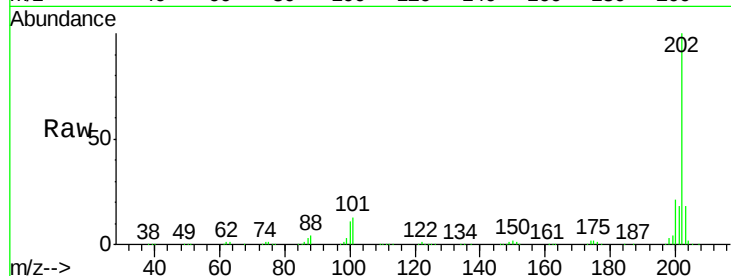
#77  
Pvrene  
Concen: 32.59 ng  
RT: 14.53 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.2  | 16.9  | 25.3  |
| 203     | 18.0  | 14.1  | 21.1  |

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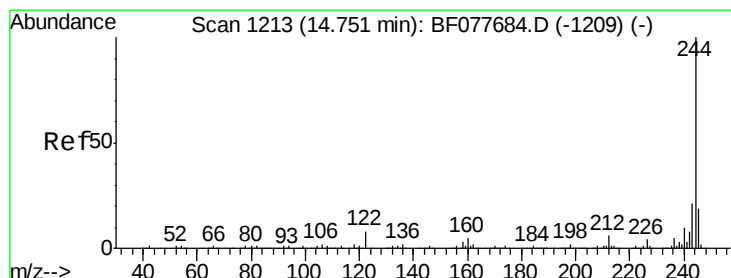
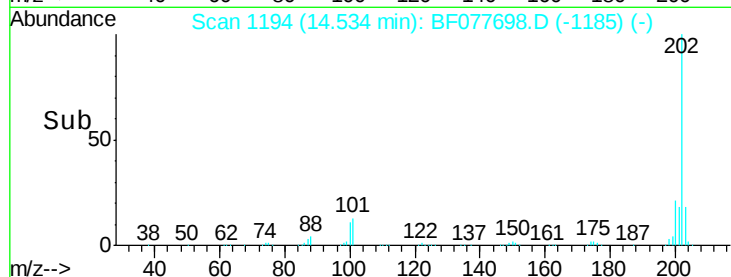
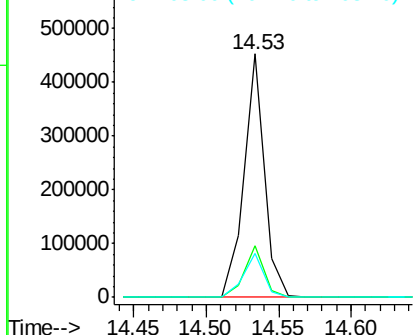


Abundance

Ion 202.00 (201.70 to 202.70): E

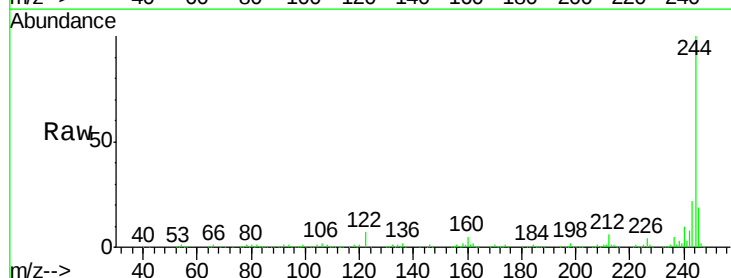
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78  
Terphenyl-d14  
Concen: 68.14 ng  
RT: 14.75 min Scan# 1213  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.2   | 4.9   | 7.3   |
| 122     | 7.2   | 6.2   | 9.4   |

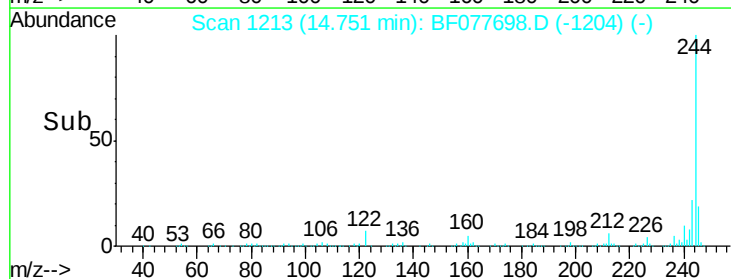
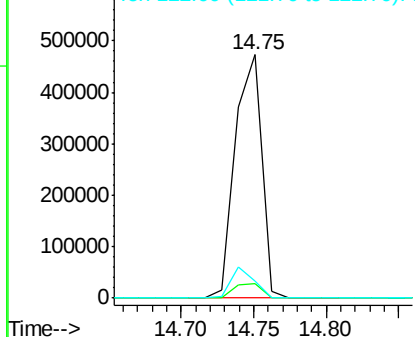


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





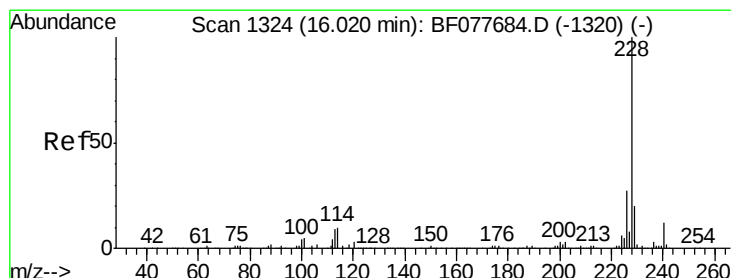
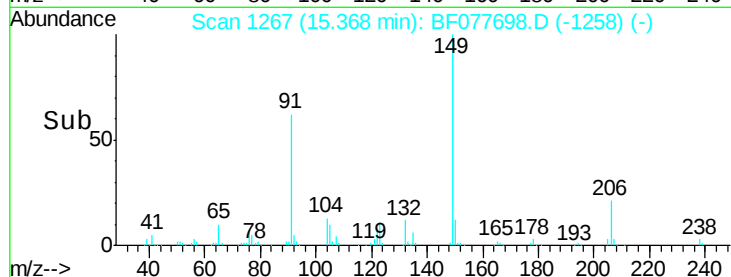
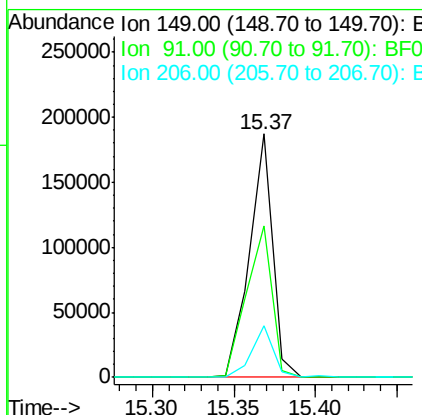
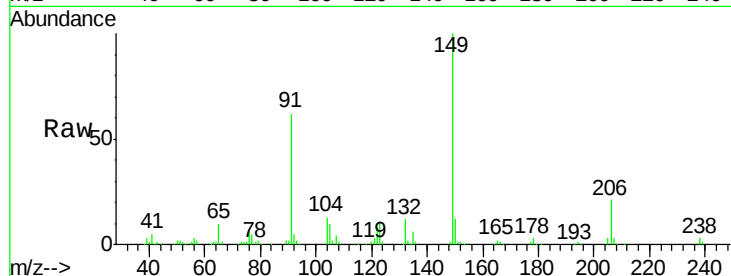
#79  
Butylbenzylphthalate  
Concen: 34.66 ng  
RT: 15.37 min Scan# 1267  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 185265 |       |       |
| 91      | 62.0  | 50.1   | 75.1  |       |
| 206     | 21.4  | 16.2   | 24.2  |       |

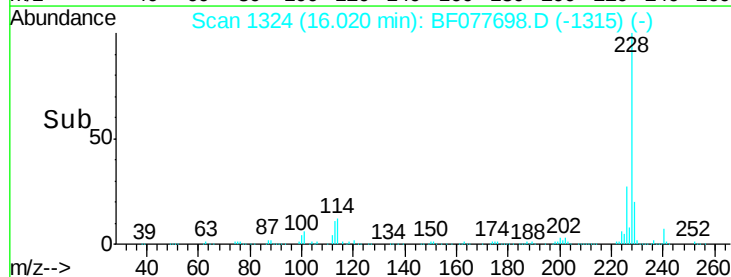
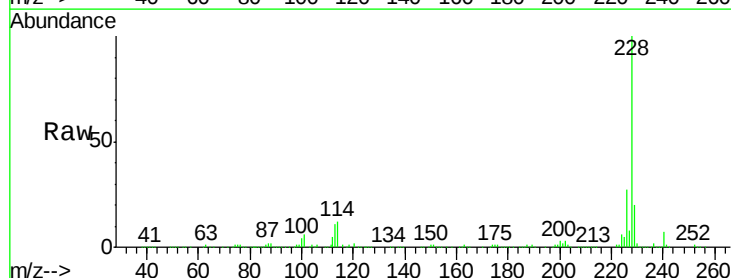
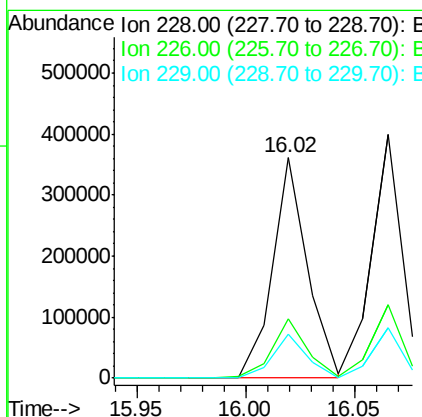
Manual Integrations  
APPROVED

mohammad  
3/13/2015 9:40:30 AM



#80  
Benzo(a)anthracene  
Concen: 31.74 ng  
RT: 16.02 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 405594 |       |       |
| 226     | 27.0  | 21.7   | 32.5  |       |
| 229     | 19.7  | 16.0   | 24.0  |       |





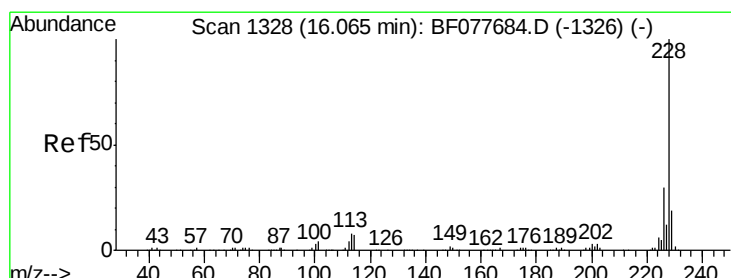
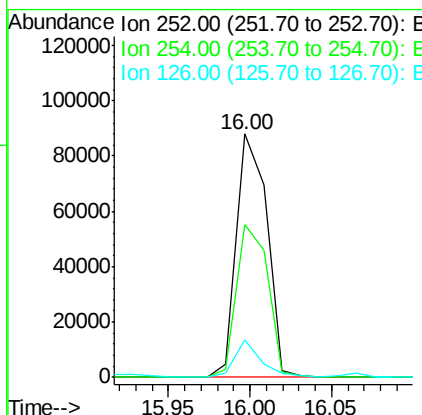
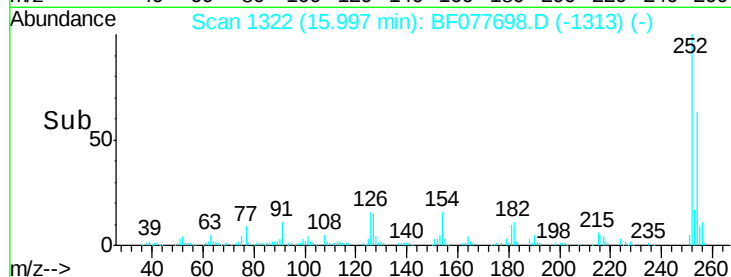
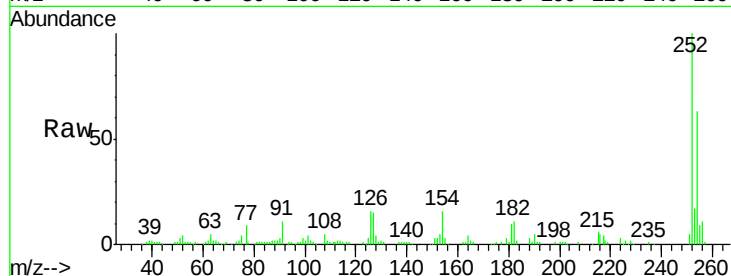
#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.09 ng  
 RT: 16.00 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-012-AMSD

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 114179  | 252 | 100   |      |       |       |
|         | 254 | 62.9  | 51.9 | 77.9  |       |
|         | 126 | 15.6  | 9.8  | 14.8  |       |

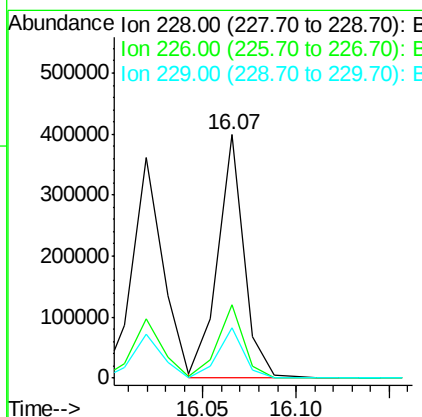
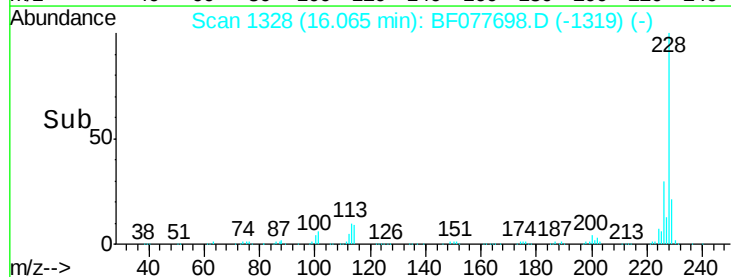
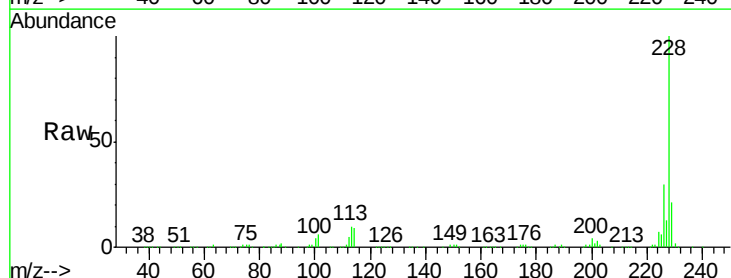
Manual Integrations  
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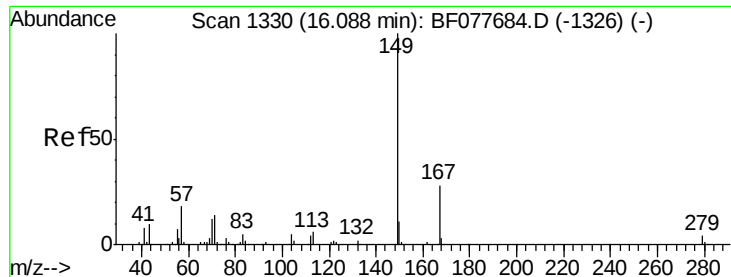
mohammad  
 3/13/2015 9:40:30 AM



#82  
 Chrysene  
 Concen: 33.97 ng  
 RT: 16.07 min Scan# 1328  
 Delta R.T. -0.00 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 390329  | 228 | 100   |      |       |       |
|         | 226 | 30.4  | 24.1 | 36.1  |       |
|         | 229 | 20.6  | 15.5 | 23.3  |       |





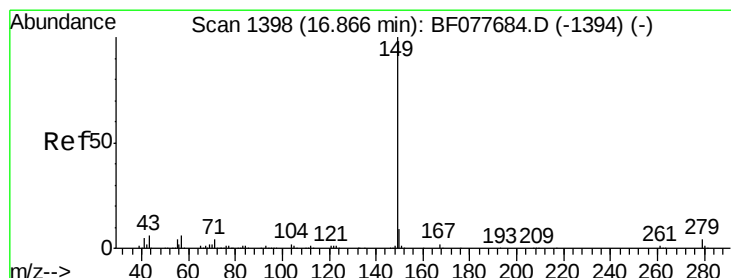
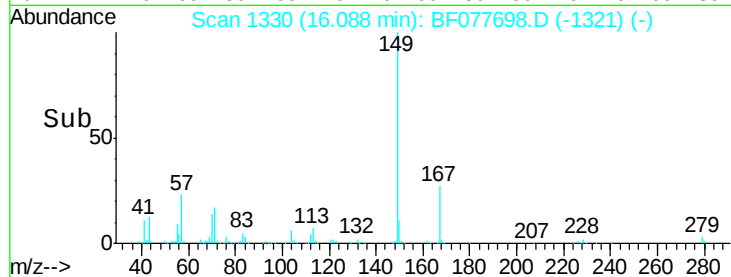
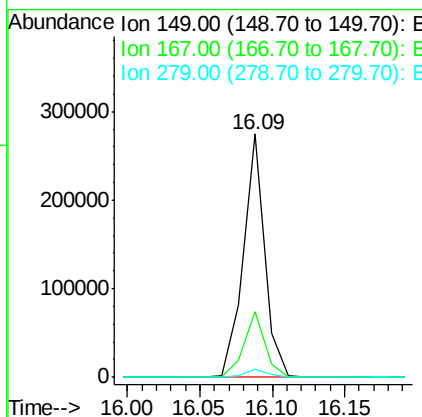
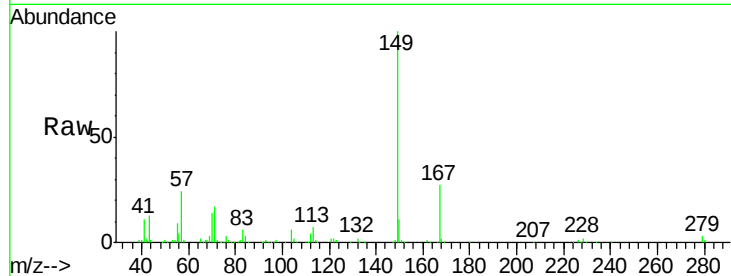
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 34.80 ng  
 RT: 16.09 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-012-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 281784 |       |       |
| 167     | 26.8  | 22.4   | 33.6  |       |
| 279     | 3.4   | 3.4    | 5.0   |       |

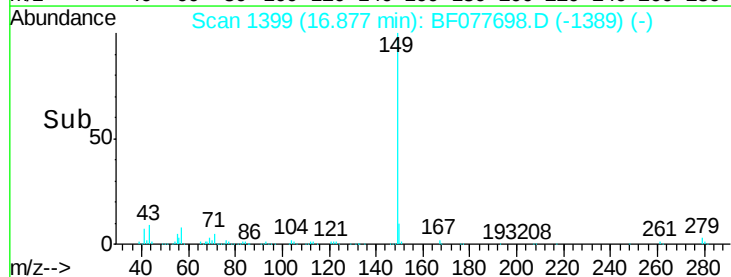
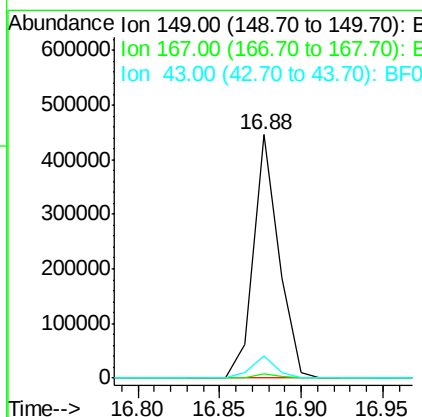
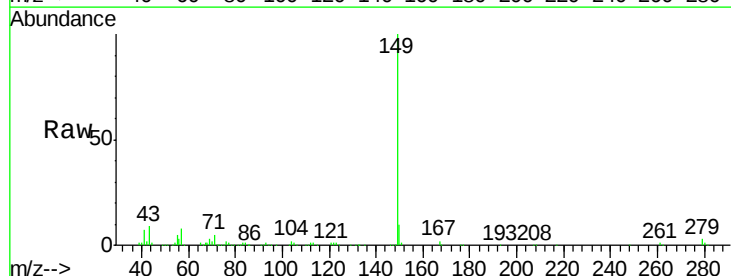
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#84  
 Di-n-octyl phthalate  
 Concen: 35.00 ng  
 RT: 16.88 min Scan# 1399  
 Delta R.T. 0.01 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 484501 |       |       |
| 167     | 1.5   | 1.2    | 1.8   |       |
| 43      | 8.5   | 7.3    | 10.9  |       |





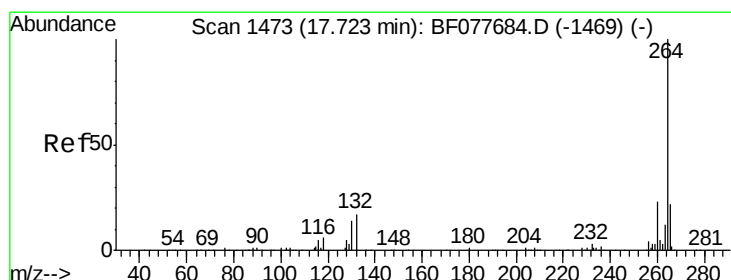
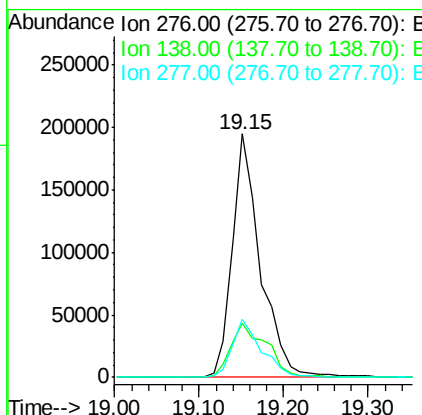
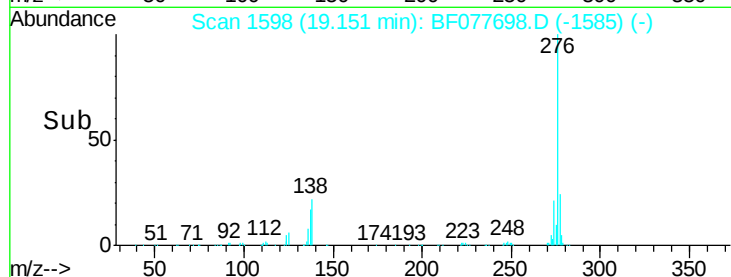
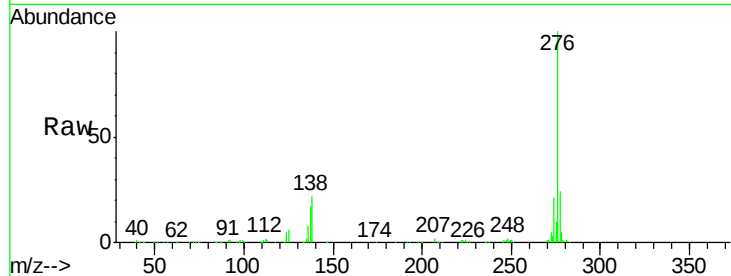
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 31.56 ng/mL  
RT: 19.15 min Scan# 1598  
Delta R.T. 0.05 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 452699 |       |       |
| 138     | 17.7  | 0.0    | 0.0   | 0.0   |
| 277     | 17.4  | 0.0    | 0.0   | 0.0   |

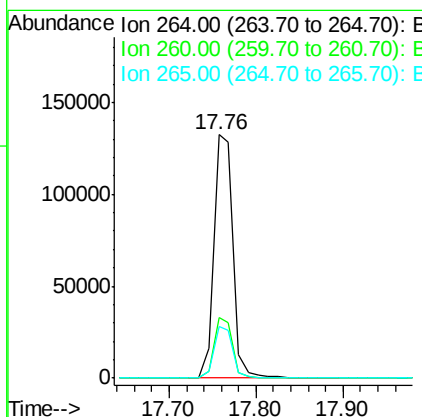
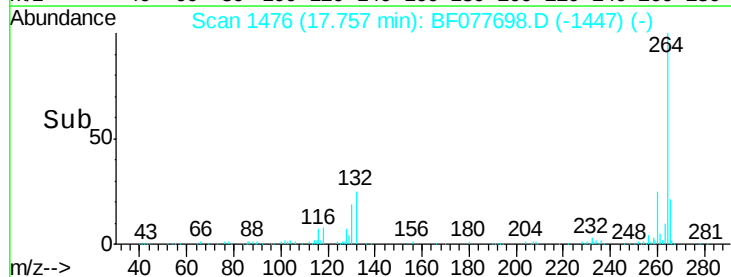
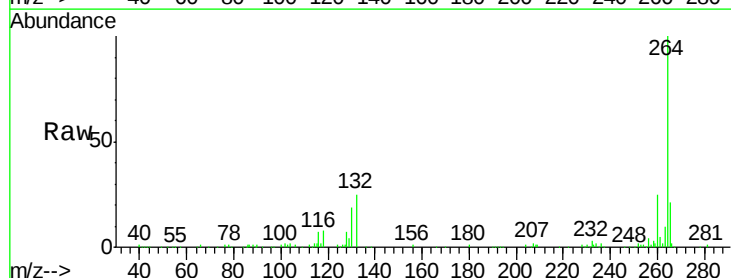
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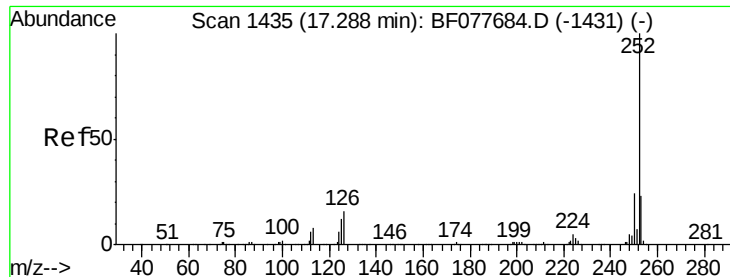
mohammad  
3/13/2015 9:40:30 AM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.76 min Scan# 1476  
Delta R.T. 0.03 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 204621 |       |       |
| 260     | 24.9  | 18.6   | 27.8  |       |
| 265     | 21.2  | 17.3   | 25.9  |       |





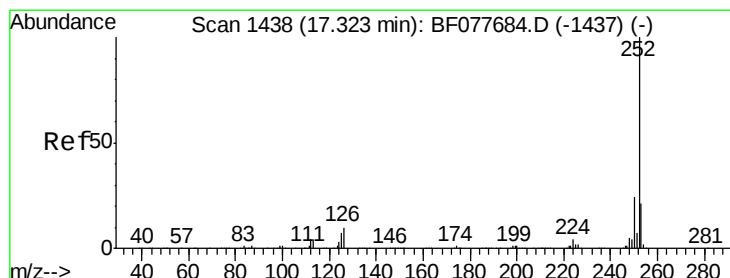
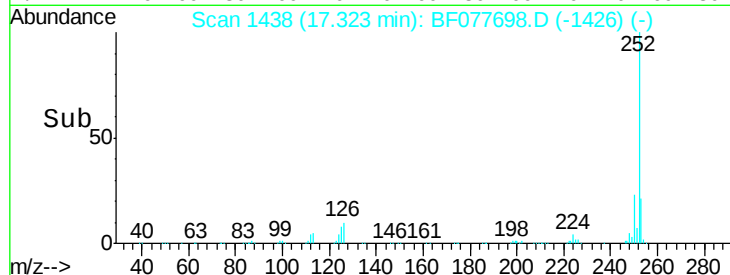
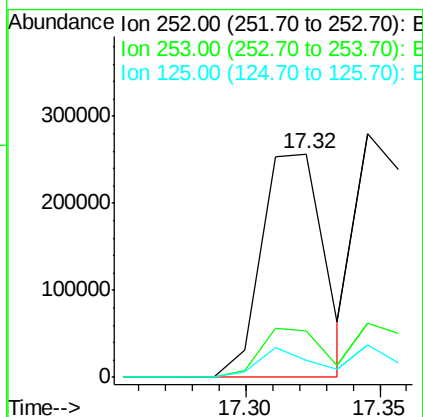
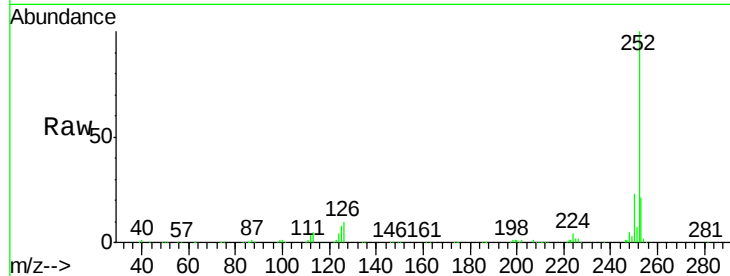
#87  
Benzo(b)fluoranthene  
Concen: 31.05 ng m  
RT: 17.32 min Scan# 1438  
Delta R.T. 0.03 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.1  | 18.0  | 27.0  |
| 125     | 7.9   | 9.9   | 14.9  |

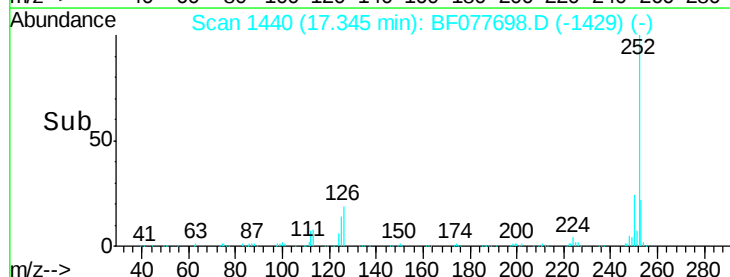
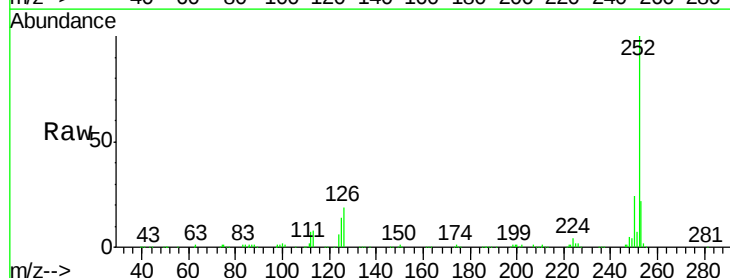
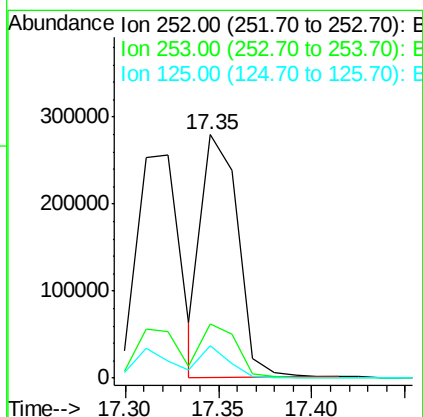
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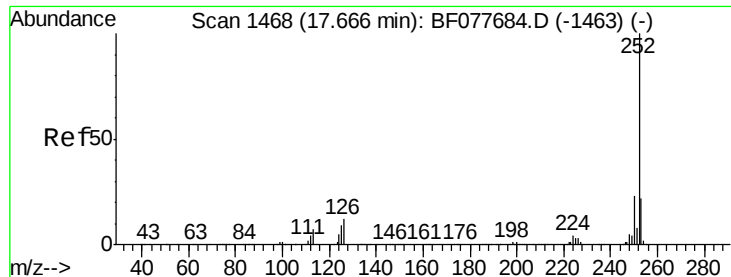
mohammad  
3/13/2015 9:40:30 AM



#88  
Benzo(k)fluoranthene  
Concen: 35.99 ng  
RT: 17.35 min Scan# 1440  
Delta R.T. 0.02 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.2  | 25.8  |
| 125     | 13.5  | 8.1   | 12.1  |





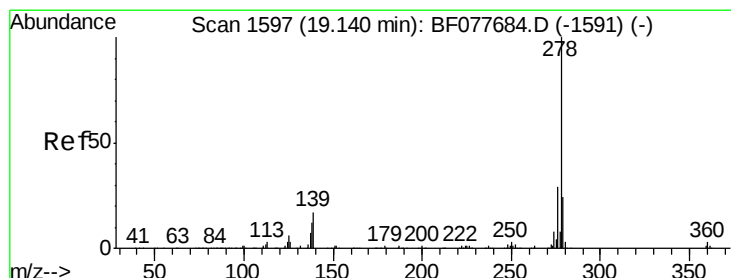
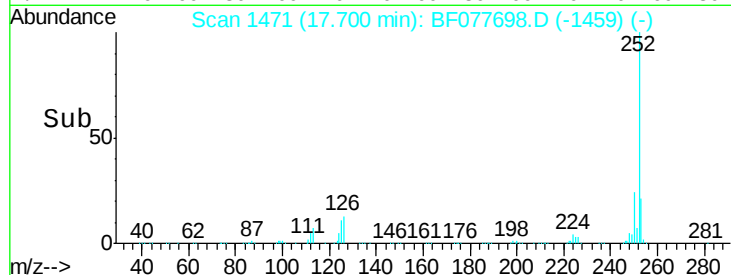
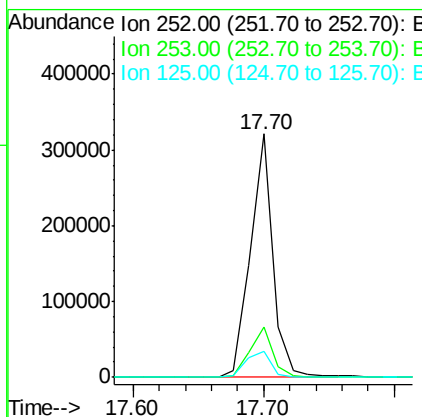
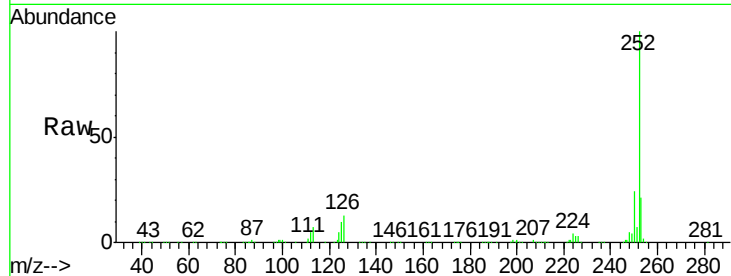
#89  
Benzo(a)pyrene  
Concen: 34.69 ng  
RT: 17.70 min Scan# 1471  
Delta R.T. 0.03 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-012-AMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 386613 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 20.7  | 17.6  | 26.4   |
| 125       | 10.5  | 7.4   | 11.2   |

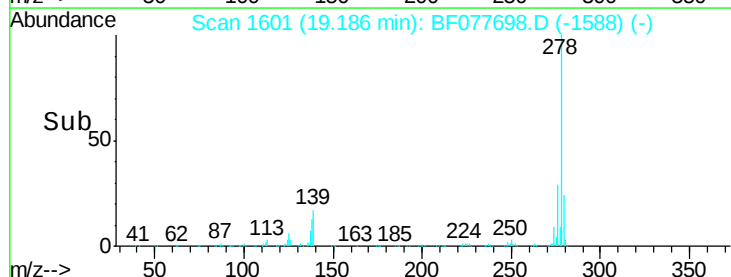
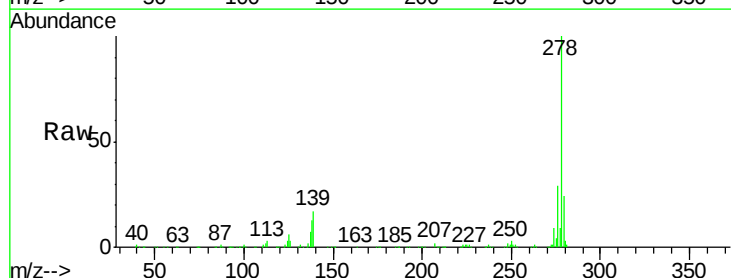
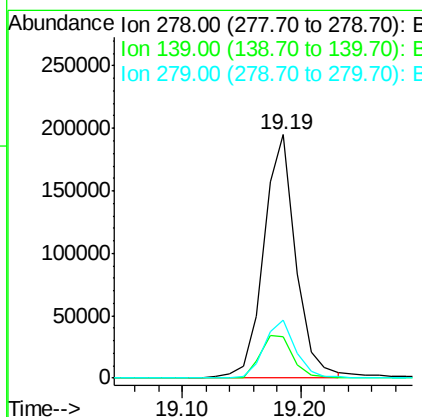
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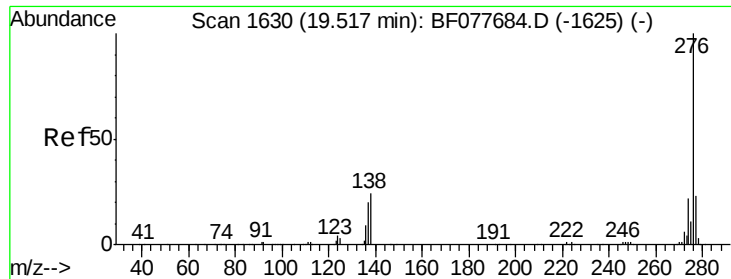
mohammad  
3/13/2015 9:40:30 AM



#90  
Dibenzo(a,h)anthracene  
Concen: 33.02 ng  
RT: 19.19 min Scan# 1601  
Delta R.T. 0.05 min  
Lab File: BF077698.D  
Acq: 11 Mar 2015 20:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 365056 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 16.8  | 13.4  | 20.0   |
| 279       | 23.8  | 19.0  | 28.4   |





#91  
 Benzo(a,h,i)perylene  
 Concen: 32.91 ng  
 RT: 19.56 min Scan# 1634  
 Delta R.T. 0.05 min  
 Lab File: BF077698.D  
 Acq: 11 Mar 2015 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-012-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 18.5  | 27.7  |
| 138     | 24.7  | 19.0  | 28.6  |

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