

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\  
 Data File : BF094476.D  
 Acq On : 18 Apr 2017 4:56  
 Operator : SJ/MA  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 4/18/2017 4:56:05 PM

Quant Time: Apr 18 06:36:11 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 17 14:59:23 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 5.76  | 152  | 153369   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.26  | 136  | 626685   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.40  | 164  | 273541   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.22 | 188  | 462590   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.47 | 240  | 276016   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 16.09 | 264  | 253995   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 4.30  | 112 | 692373  | 74.90  | ng | 0.00 |
| 7) Phenol-d6             | 5.39  | 99  | 856463  | 78.59  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 6.42  | 82  | 769901  | 75.86  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.37 | 330 | 157152  | 73.45  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 8.59  | 172 | 1419896 | 76.37  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.20 | 244 | 1035304 | 100.26 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.05 | 88  | 206584  | 38.43 | ng | 96     |
| 3) Pyridine                    | 2.56 | 79  | 461891  | 39.31 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 2.53 | 42  | 194911  | 40.09 | ng | 91     |
| 6) Aniline                     | 5.39 | 93  | 565052  | 39.01 | ng | 90     |
| 8) 2-Chlorophenol              | 5.53 | 128 | 416689  | 39.61 | ng | 98     |
| 9) Benzaldehyde                | 5.26 | 77  | 341601  | 41.20 | ng | 99     |
| 10) Phenol                     | 5.40 | 94  | 527500  | 39.40 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 5.47 | 93  | 388801  | 39.75 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 5.69 | 146 | 454919  | 39.03 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 5.78 | 146 | 463185  | 39.50 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 5.96 | 146 | 414578  | 38.38 | ng | 96     |
| 15) Benzyl Alcohol             | 5.94 | 79  | 317718  | 39.30 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.10 | 45  | 504122  | 39.31 | ng | 79     |
| 17) 2-Methylphenol             | 6.09 | 107 | 330278  | 39.87 | ng | 94     |
| 18) Hexachloroethane           | 6.35 | 117 | 148025  | 36.83 | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 6.26 | 70  | 292878  | 40.56 | ng | 94     |
| 20) 3+4-Methylphenols          | 6.27 | 107 | 455333  | 40.45 | ng | # 63   |
| 22) Acetophenone               | 6.24 | 105 | 607646  | 39.88 | ng | # 86   |
| 24) Nitrobenzene               | 6.44 | 77  | 404742  | 37.87 | ng | 94     |
| 25) Isophorone                 | 6.73 | 82  | 740443  | 39.36 | ng | 94     |
| 26) 2-Nitrophenol              | 6.81 | 139 | 219273  | 38.19 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 6.89 | 122 | 341847  | 36.65 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 6.99 | 93  | 469371  | 38.57 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.12 | 162 | 342257  | 39.45 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.20 | 180 | 347578  | 38.75 | ng | 98     |
| 31) Naphthalene                | 7.29 | 128 | 1177095 | 39.07 | ng | 99     |
| 32) Benzoic acid               | 7.04 | 122 | 105391m | 21.37 | ng |        |
| 33) 4-Chloroaniline            | 7.36 | 127 | 494937  | 39.49 | ng | 94     |
| 34) Hexachlorobutadiene        | 7.45 | 225 | 172963  | 38.67 | ng | 98     |
| 35) Caprolactam                | 7.82 | 113 | 107004m | 39.26 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 7.99 | 107 | 357519  | 39.32 | ng | 86     |
| 37) 2-Methylnaphthalene        | 8.13 | 142 | 795923  | 38.62 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.34 | 216 | 312023  | 40.06 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.33 | 237 | 67714   | 21.49 | ng | 98     |

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 QLast Update : Mon Apr 17 14:59:23 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.49  | 196  | 217976   | 39.85 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 8.55  | 196  | 218477   | 38.89 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 8.70  | 154  | 891644   | 39.90 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 8.73  | 162  | 704238   | 39.63 | nq    | 96       |
| 47) 2-Nitroaniline             | 8.86  | 65   | 208271   | 40.74 | nq    | 86       |
| 48) Acenaphthylene             | 9.23  | 152  | 1086745  | 39.23 | nq    | 98       |
| 49) Dimethylphthalate          | 9.10  | 163  | 811909   | 39.83 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.16  | 165  | 180957   | 39.55 | nq    | # 86     |
| 51) Acenaphthene               | 9.45  | 154  | 649176   | 39.12 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.37  | 138  | 211226   | 39.90 | nq    | 89       |
| 53) 2,4-Dinitrophenol          | 9.50  | 184  | 24951    | 15.08 | nq    | # 69     |
| 54) Dibenzofuran               | 9.66  | 168  | 928092   | 38.48 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.62  | 139  | 115758   | 30.95 | nq    | # 77     |
| 56) 2,4-Dinitrotoluene         | 9.66  | 165  | 218150   | 38.86 | nq    | # 66     |
| 57) Fluorene                   | 10.07 | 166  | 714480   | 38.05 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.82  | 232  | 147573   | 36.65 | nq    | 96       |
| 59) Diethylphthalate           | 9.96  | 149  | 755573   | 39.28 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.08 | 204  | 313420   | 40.10 | nq    | 95       |
| 61) 4-Nitroaniline             | 10.12 | 138  | 203471   | 37.81 | nq    | 97       |
| 62) Azobenzene                 | 10.28 | 77   | 751320   | 40.23 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.16 | 198  | 58259    | 19.22 | nq    | # 67     |
| 65) n-Nitrosodiphenylamine     | 10.23 | 169  | 647728   | 40.26 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.68 | 248  | 185985   | 40.49 | nq    | 97       |
| 67) Hexachlorobenzene          | 10.75 | 284  | 183395   | 39.62 | nq    | # 88     |
| 68) Atrazine                   | 10.91 | 200  | 190143   | 39.51 | nq    | 96       |
| 69) Pentachlorophenol          | 11.00 | 266  | 50110    | 27.26 | nq    | 97       |
| 70) Phenanthrene               | 11.25 | 178  | 1021902  | 39.23 | nq    | 99       |
| 71) Anthracene                 | 11.32 | 178  | 1032599  | 38.32 | nq    | 99       |
| 72) Carbazole                  | 11.52 | 167  | 948377   | 37.50 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.97 | 149  | 1121876  | 40.29 | nq    | 100      |
| 74) Fluoranthene               | 12.71 | 202  | 957874   | 35.48 | nq    | 99       |
| 76) Benzidine                  | 12.88 | 184  | 377469   | 33.78 | nq    | 96       |
| 77) Pyrene                     | 12.98 | 202  | 934819   | 48.48 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.80 | 149  | 432233   | 51.14 | nq    | # 84     |
| 80) Benzo(a)anthracene         | 14.45 | 228  | 662853   | 41.32 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.43 | 252  | 225745   | 39.75 | nq    | # 96     |
| 82) Chrysene                   | 14.50 | 228  | 585891   | 39.96 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.52 | 149  | 573289   | 50.52 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 15.27 | 149  | 846770   | 44.49 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.36 | 276  | 588253   | 42.17 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 15.69 | 252  | 596639   | 38.40 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.72 | 252  | 601885   | 40.93 | nq    | 96       |
| 89) Benzo(a)pyrene             | 16.03 | 252  | 584909   | 40.46 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.38 | 278  | 495873   | 41.31 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.73 | 276  | 479483   | 39.24 | nq    | 96       |

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

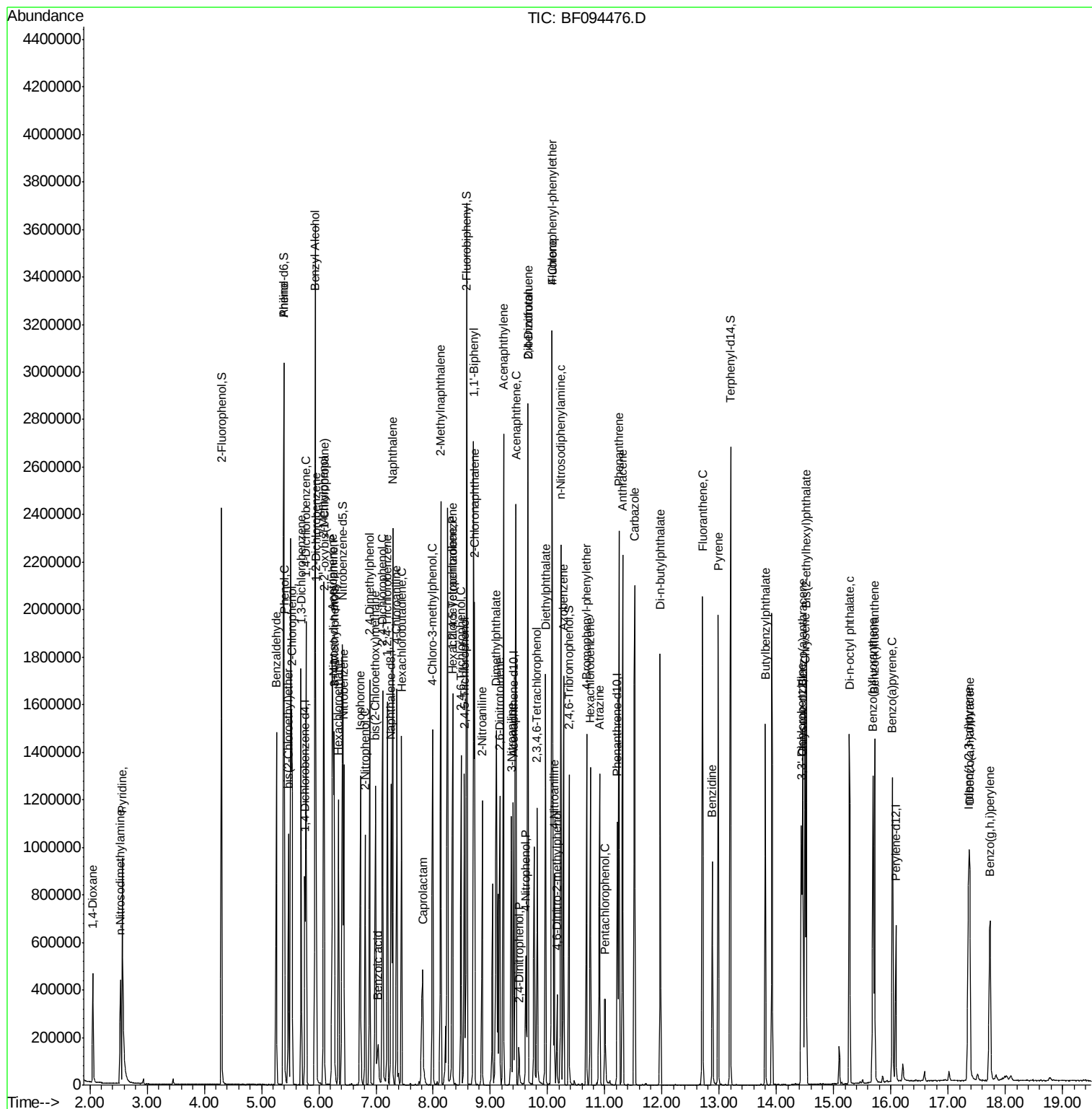
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\  
 Data File : BF094476.D  
 Acq On : 18 Apr 2017 4:56  
 Operator : SJ/MA  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

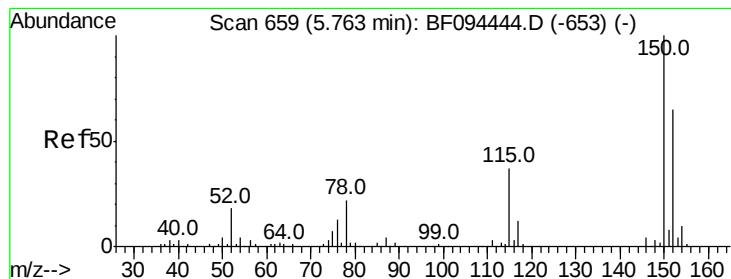
Instrument :  
 BNA\_F  
 ClientSampleId :  
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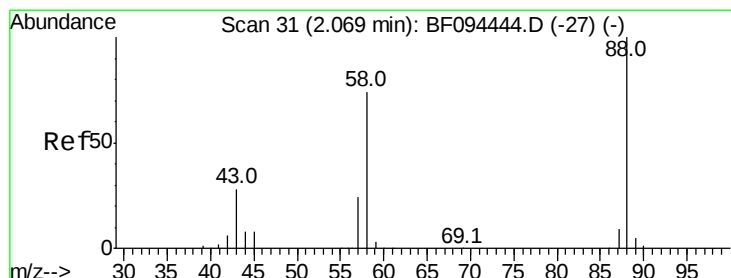
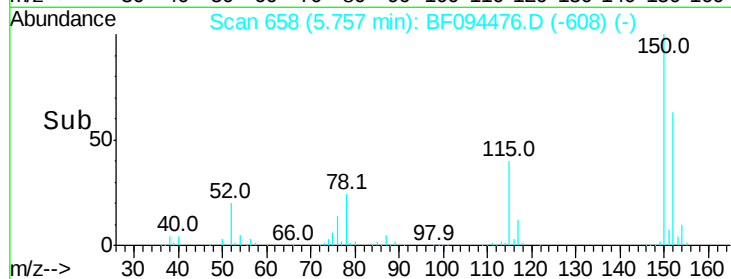
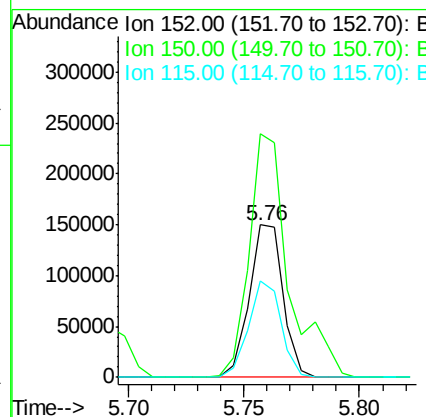
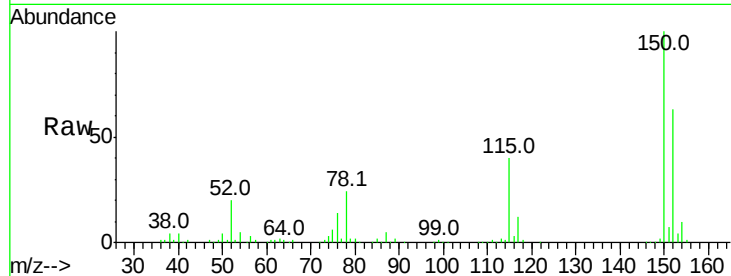
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 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 5.76 min Scan# 658  
 Delta R.T. -0.01 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.0 | 126.2 | 189.2 |
| 115     | 63.5  | 52.2  | 78.2  |

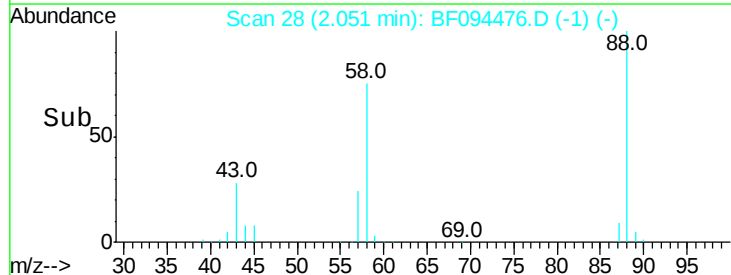
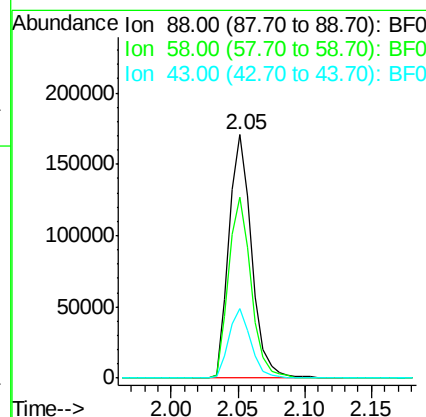
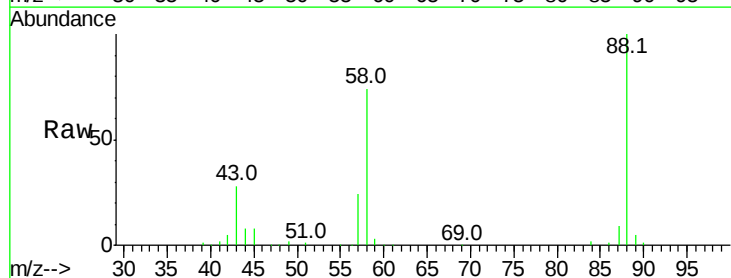
Manual Integrations  
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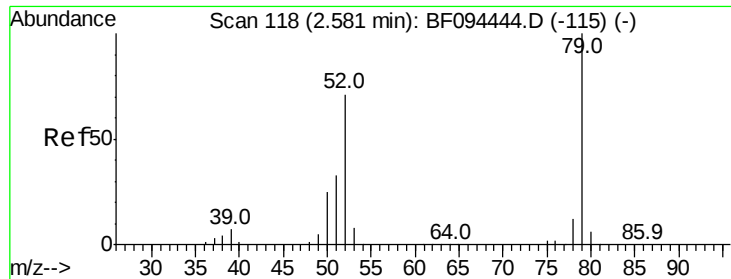
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#2  
 1,4-Dioxane  
 Concen: 38.43 ng  
 RT: 2.05 min Scan# 28  
 Delta R.T. -0.02 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 73.4  | 61.4  | 92.0  |
| 43      | 27.6  | 23.4  | 35.0  |





#3

Pvridine

Concen: 39.31 ng

RT: 2.56 min Scan# 115

Delta R.T. -0.02 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

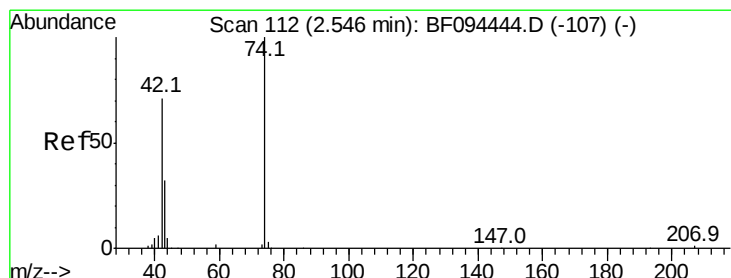
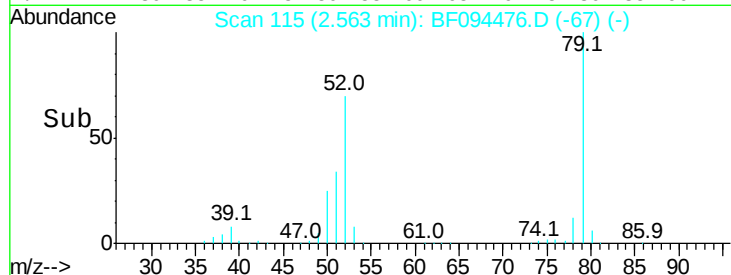
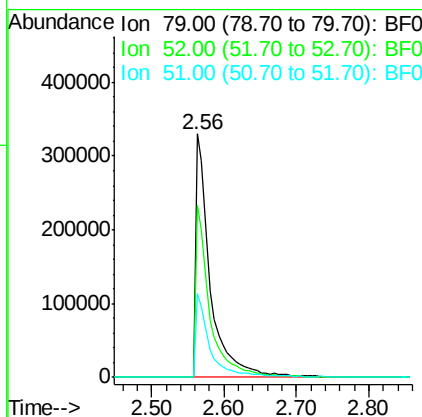
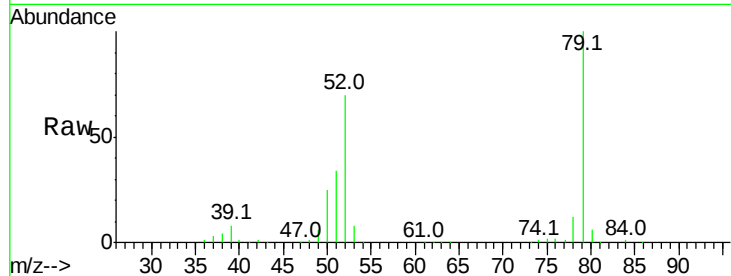
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 461891 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 70.5  | 54.8  | 82.2   |
| 51        | 34.5  | 27.0  | 40.4   |

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#4

n-Nitrosodimethylamine

Concen: 40.09 ng

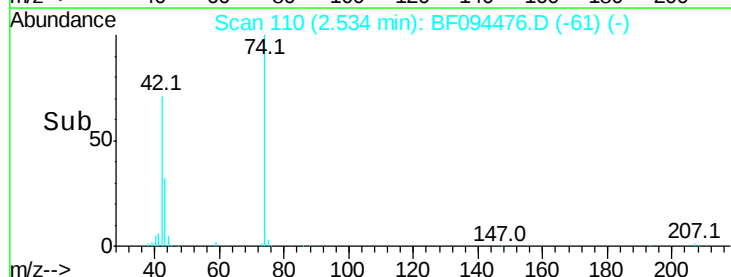
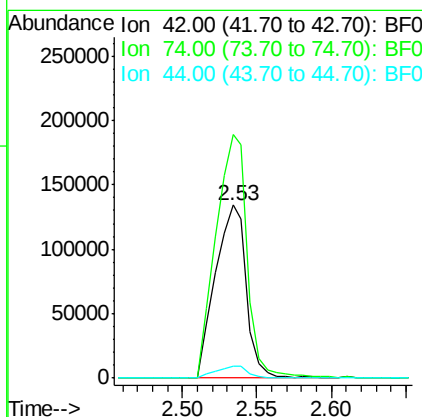
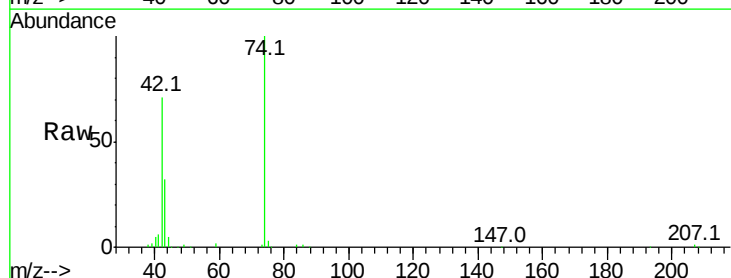
RT: 2.53 min Scan# 110

Delta R.T. -0.01 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 194911 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 141.0 | 103.9 | 155.9  |
| 44        | 6.8   | 5.7   | 8.5    |





#5

2-Fluorophenol

Concen: 74.90 ng

RT: 4.30 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

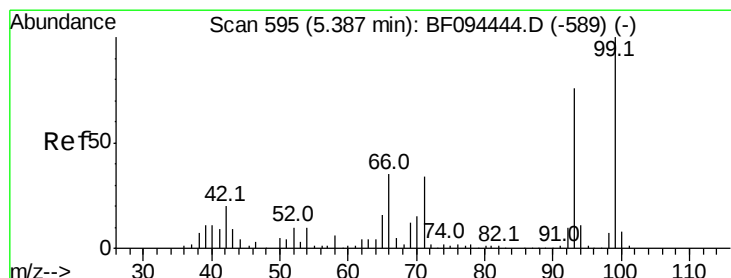
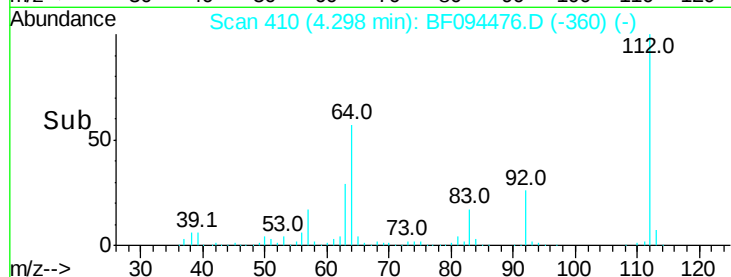
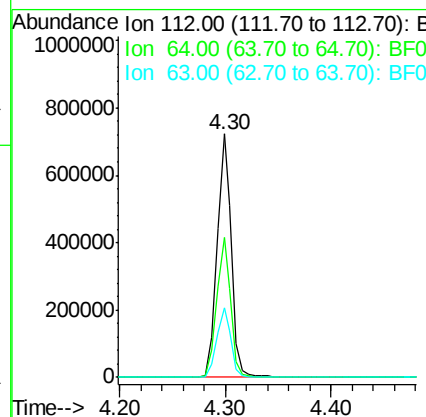
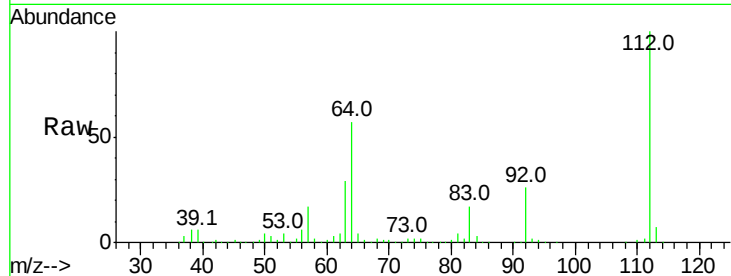
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 692373 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 57.3  | 46.0  | 69.0   |
| 63        | 28.7  | 23.4  | 35.0   |

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#6

Aniline

Concen: 39.01 ng

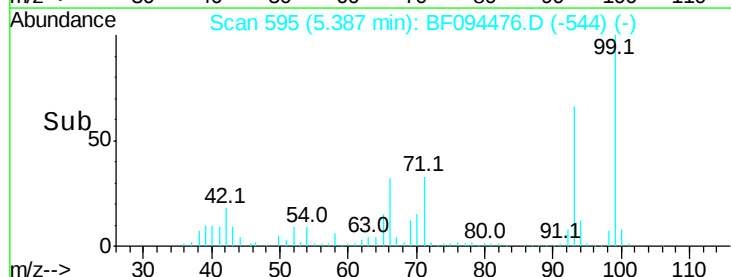
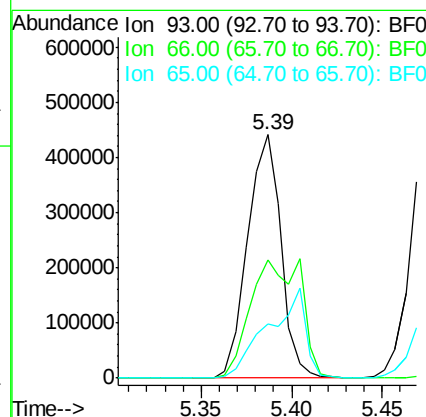
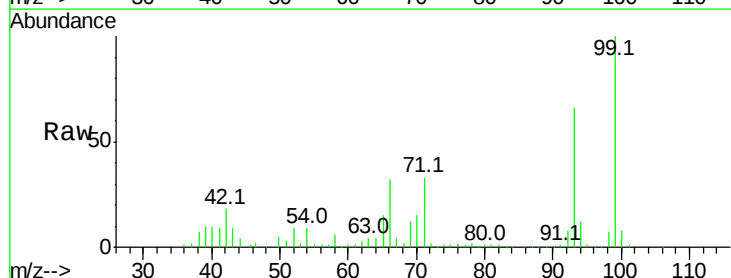
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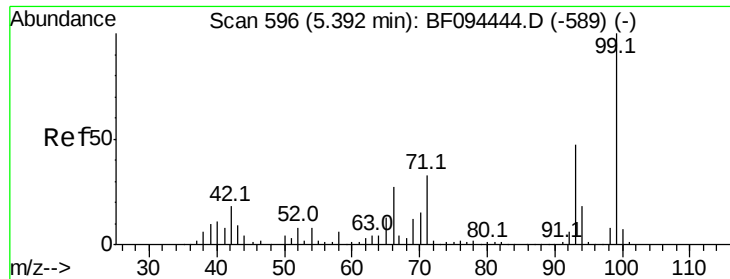
Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 565052 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 48.6  | 32.9  | 49.3   |
| 65        | 22.5  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 78.59 ng

RT: 5.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

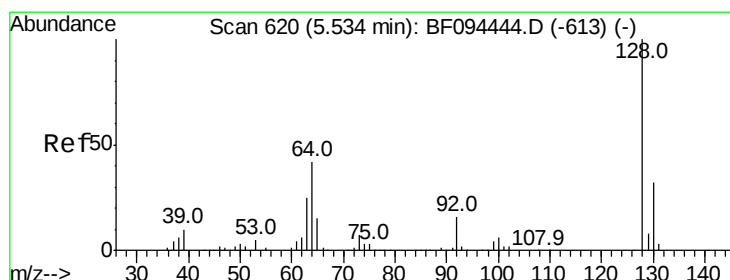
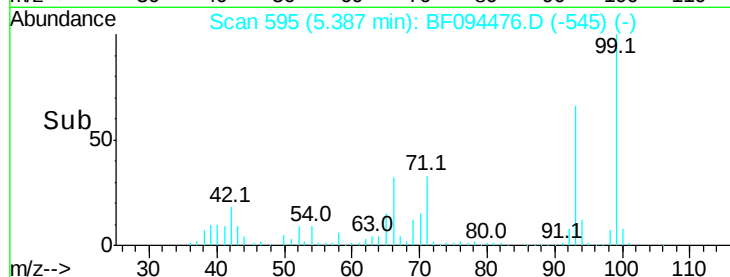
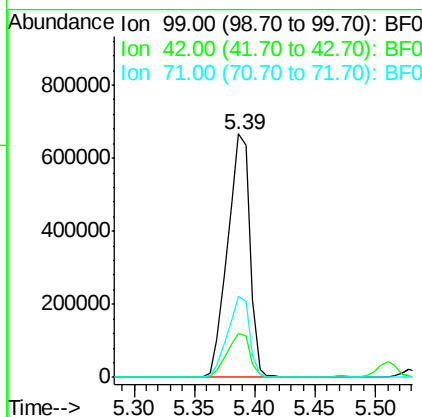
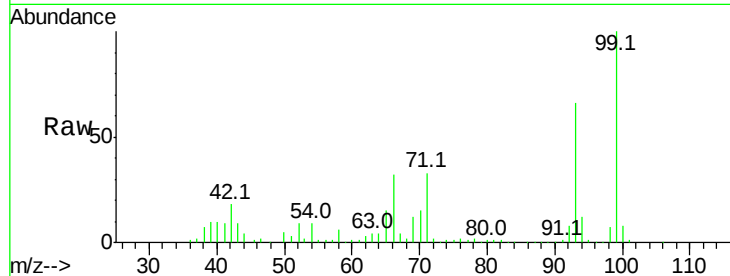
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 856463 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.2  | 13.5  | 20.3   |
| 71        | 33.1  | 24.5  | 36.7   |

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#8

2-Chlorophenol

Concen: 39.61 ng

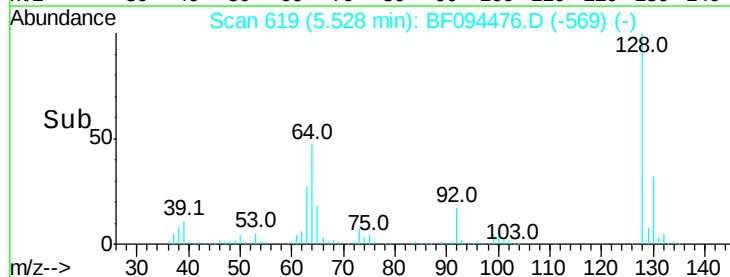
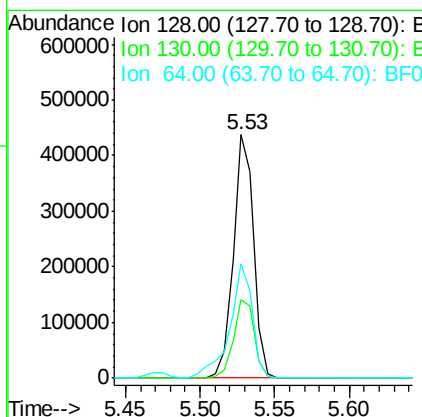
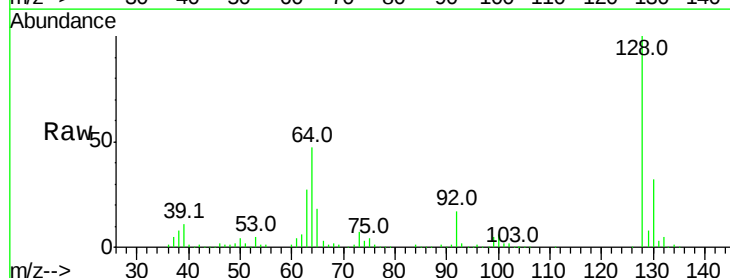
RT: 5.53 min Scan# 619

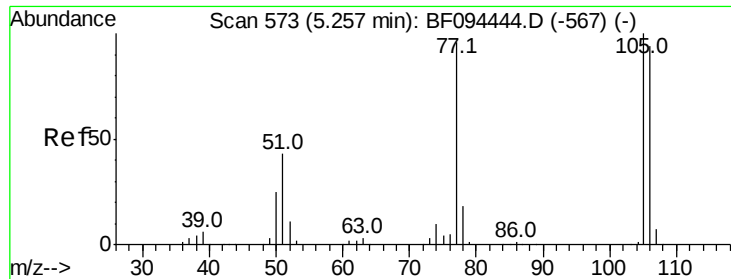
Delta R.T. -0.01 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 416689 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.1  | 12.9  | 52.9   |
| 64        | 46.9  | 28.4  | 68.4   |





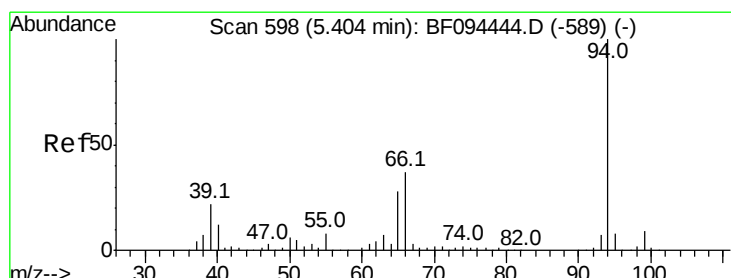
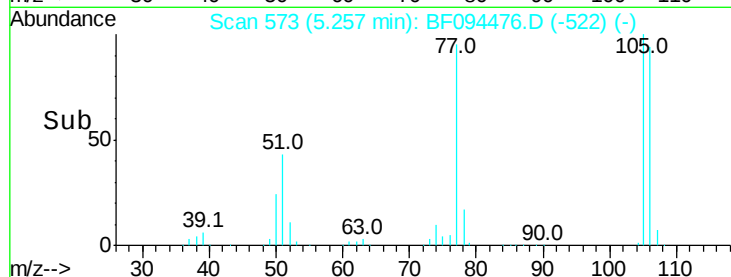
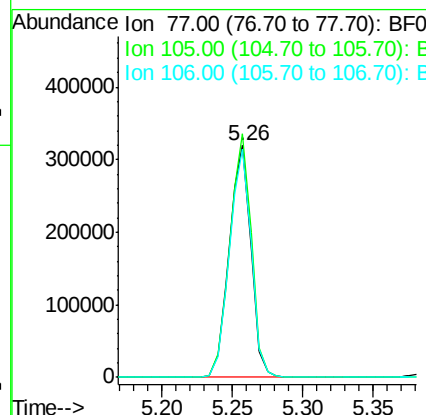
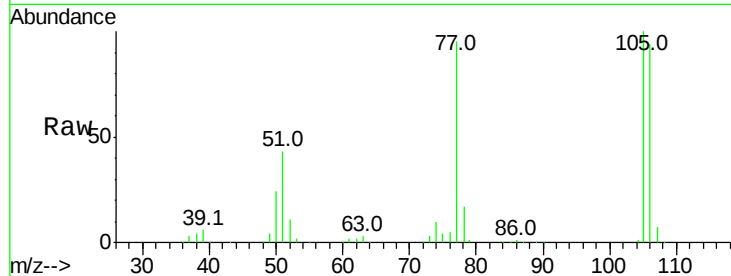
#9  
Benzaldehyde  
Concen: 41.20 ng  
RT: 5.26 min Scan# 573  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 105.1 | 83.8  | 123.8 |
| 106     | 98.4  | 79.1  | 119.1 |

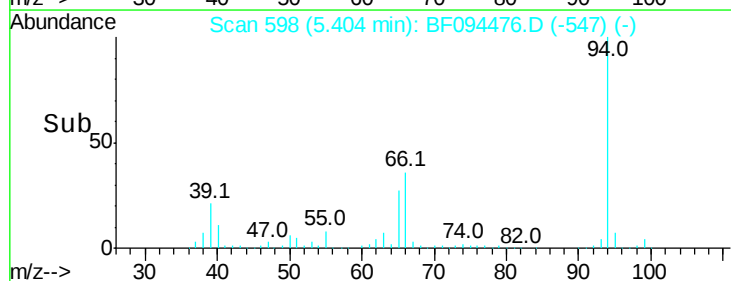
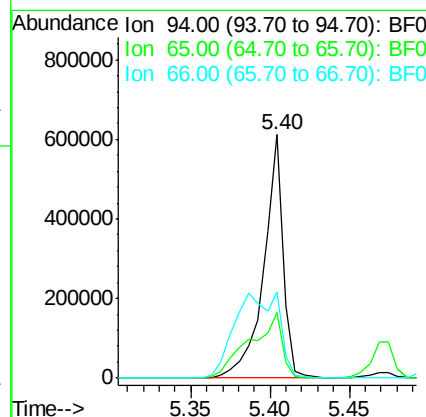
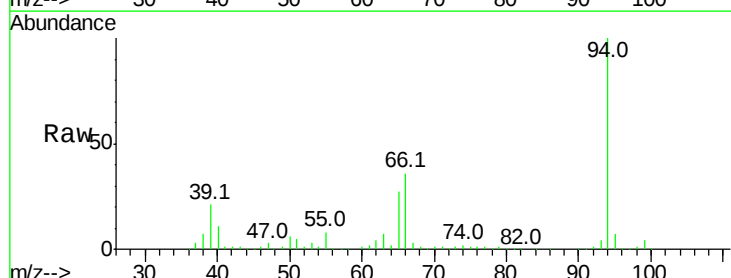
Manual Integrations  
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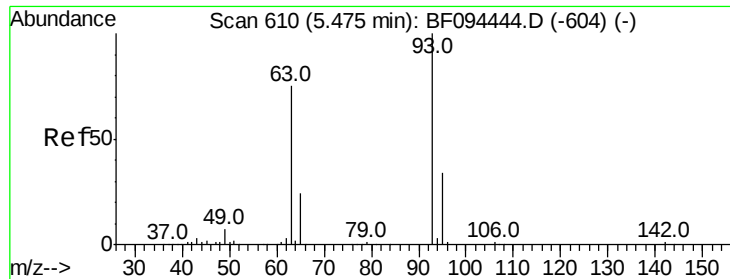
mohammad  
4/18/2017 4:56:05 PM



#10  
Phenol  
Concen: 39.40 ng  
RT: 5.40 min Scan# 598  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 26.8  | 9.9   | 49.9  |
| 66      | 35.5  | 23.1  | 63.1  |





#11

bis(2-Chloroethyl)ether

Concen: 39.75 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

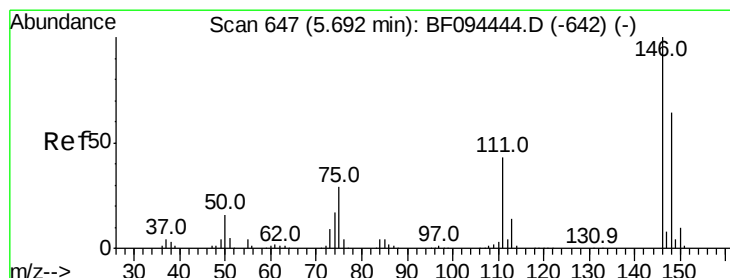
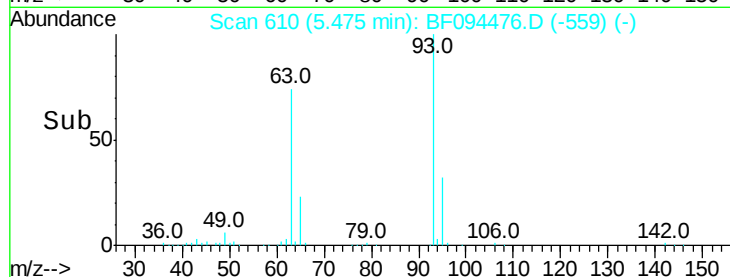
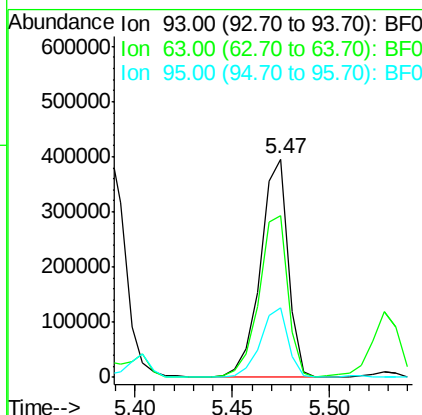
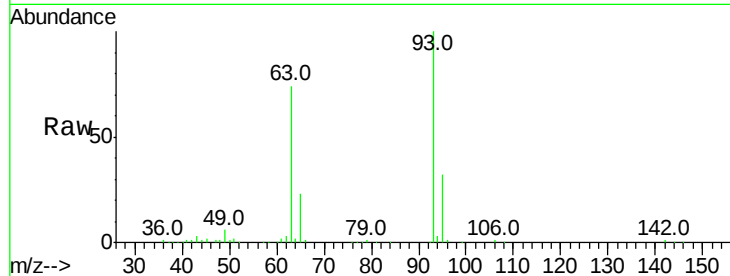
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 388801 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 74.0  | 59.2  | 99.2   |
| 95        | 32.1  | 12.8  | 52.8   |

Manual Integrations  
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#12

1,3-Dichlorobenzene

Concen: 39.03 ng

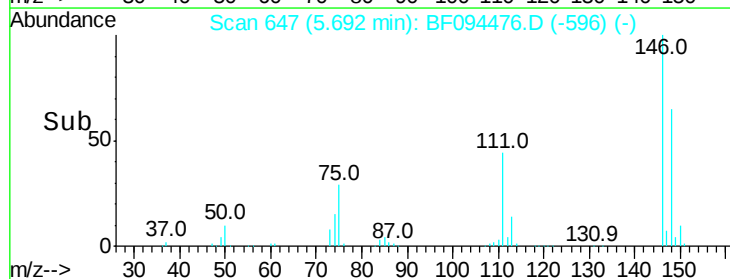
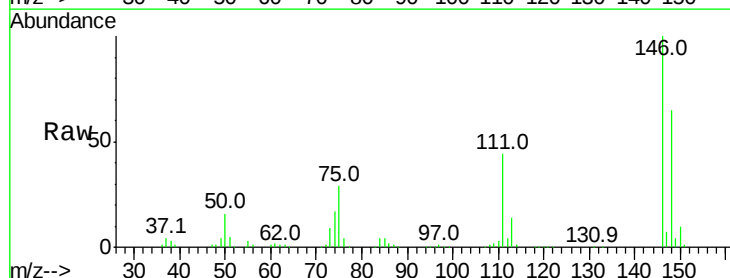
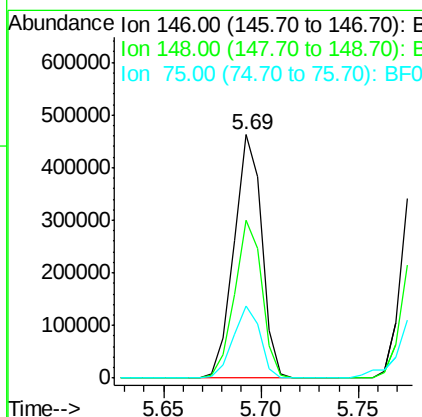
RT: 5.69 min Scan# 647

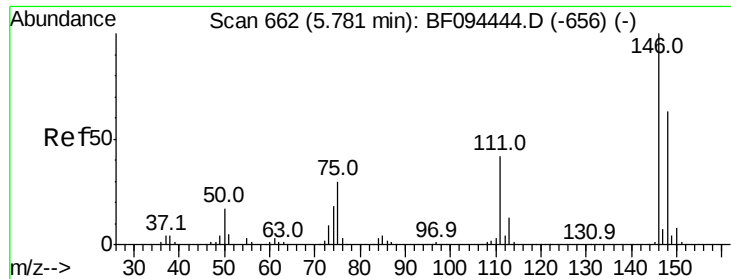
Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 454919 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.0  | 51.8  | 77.6   |
| 75        | 29.4  | 23.1  | 34.7   |





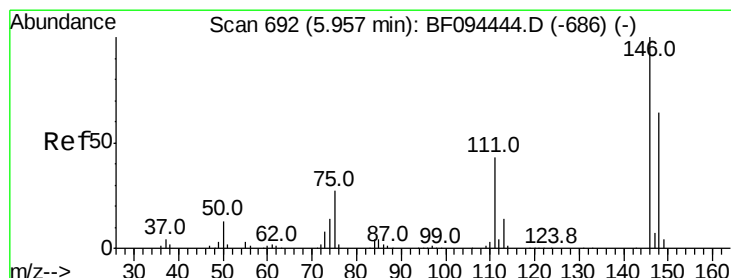
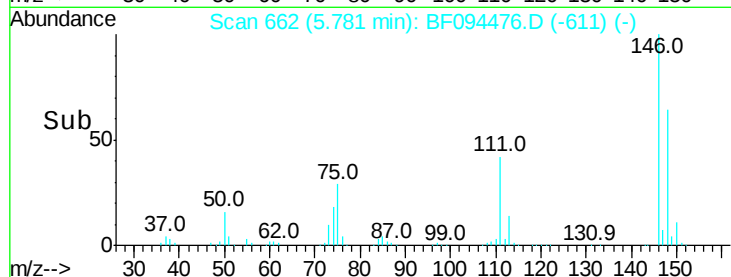
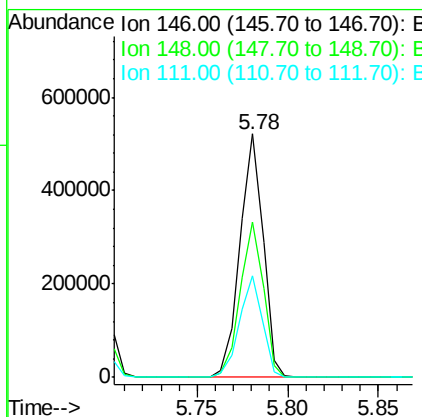
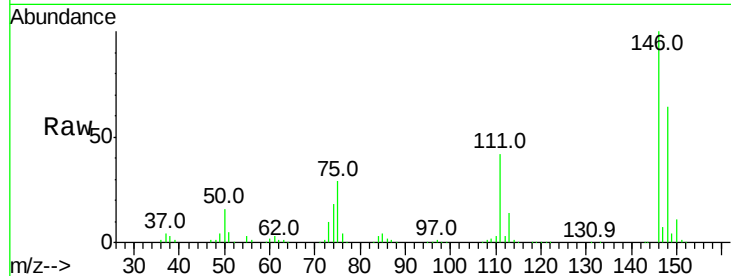
#13  
 1,4-Dichlorobenzene  
 Concen: 39.50 ng  
 RT: 5.78 min Scan# 662  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 52.2  | 78.2  |
| 111     | 42.0  | 30.3  | 45.5  |

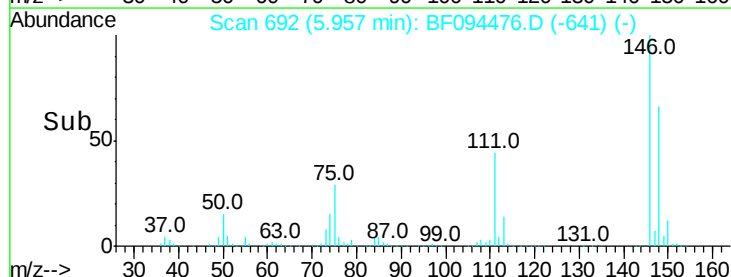
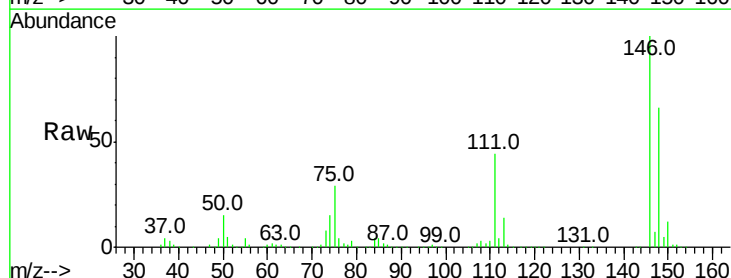
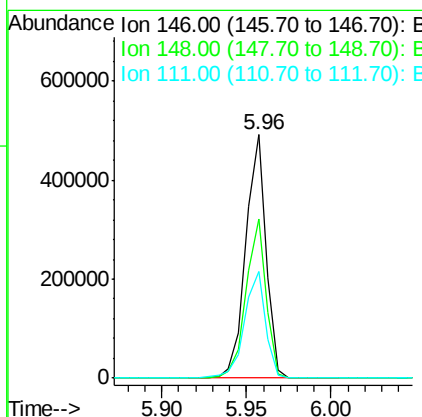
Manual Integrations  
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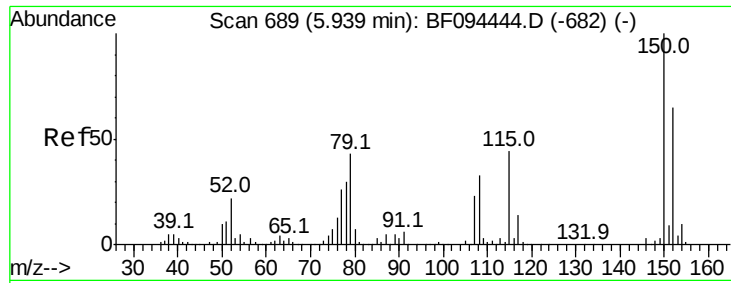
mohammad  
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#14  
 1,2-Dichlorobenzene  
 Concen: 38.38 ng  
 RT: 5.96 min Scan# 692  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 50.4  | 75.6  |
| 111     | 44.0  | 38.2  | 57.4  |





#15

Benzyl Alcohol

Concen: 39.30 ng

RT: 5.94 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 317718

Ion Ratio Lower Upper

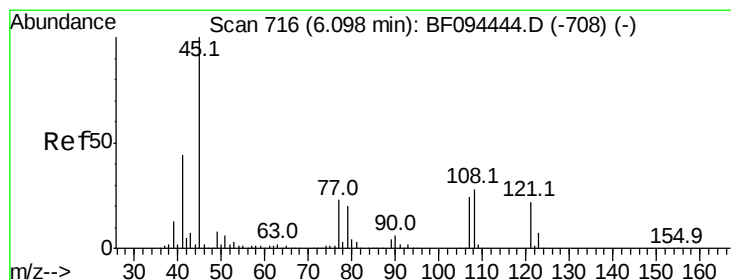
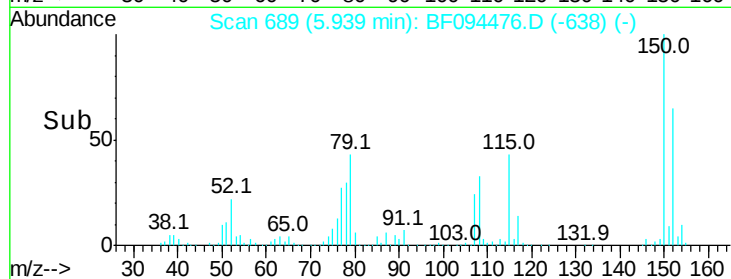
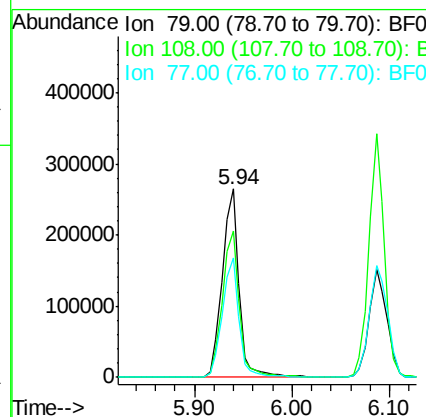
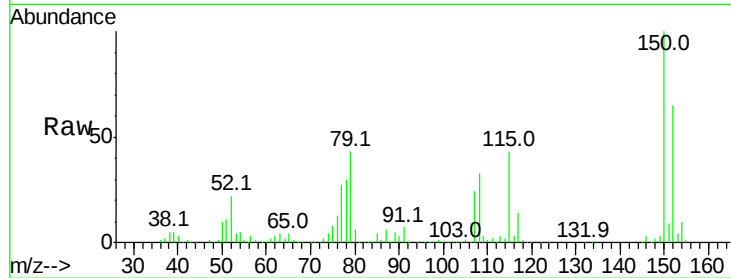
79 100

108 77.4 63.4 95.0

77 63.2 49.2 73.8

Manual Integrations  
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.31 ng

RT: 6.10 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

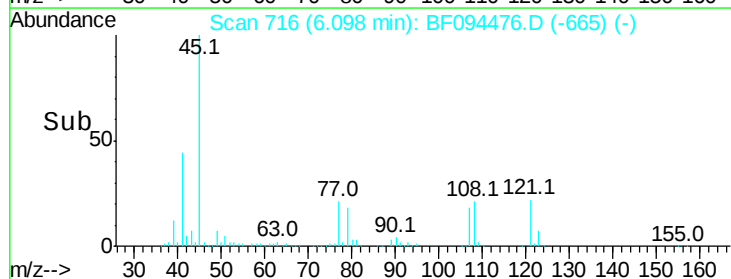
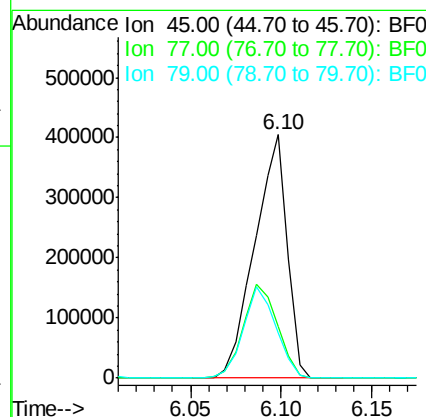
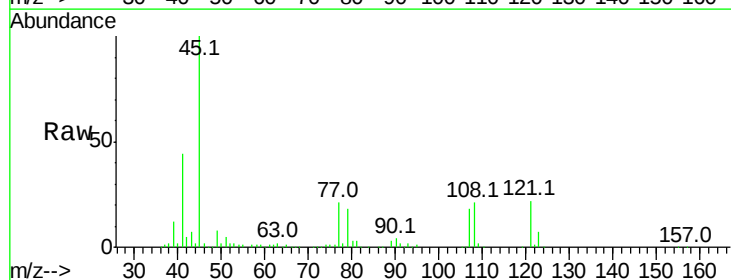
Tgt Ion: 45 Resp: 504122

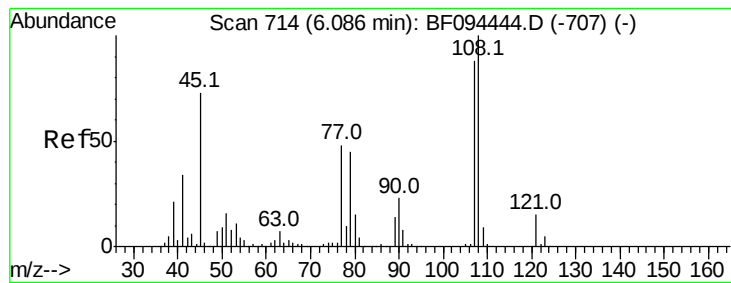
Ion Ratio Lower Upper

45 100

77 21.3 0.0 33.2

79 18.5 0.0 30.0





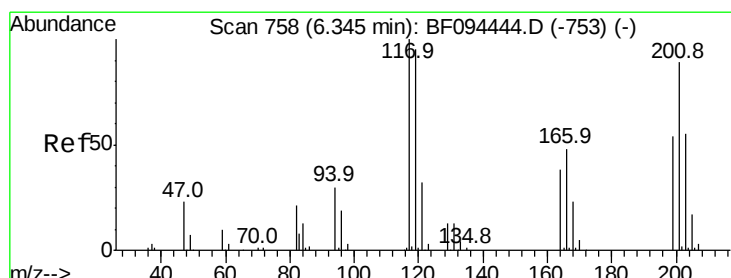
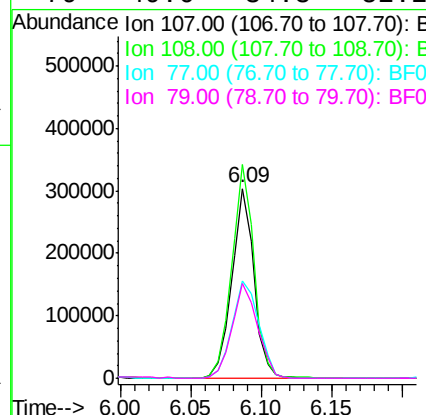
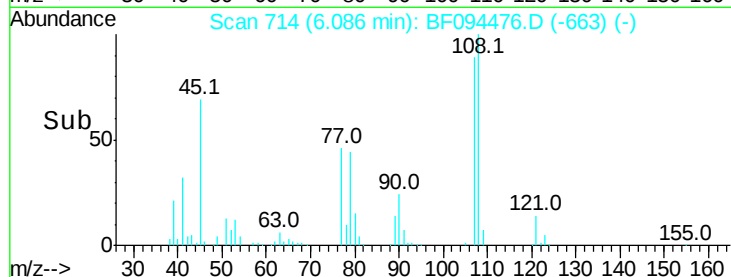
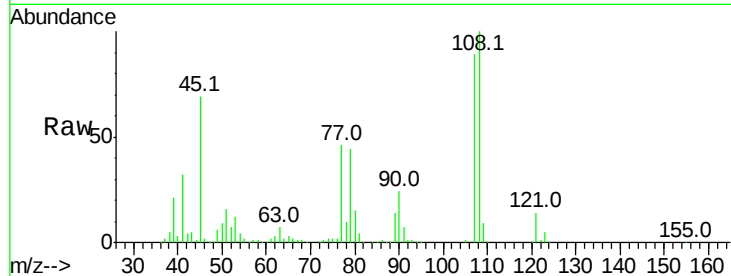
#17  
2-Methylphenol  
Concen: 39.87 ng  
RT: 6.09 min Scan# 714  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.5 | 93.4 | 140.0 |       |
| 77      | 51.4  | 35.8 | 53.6  |       |
| 79      | 49.6  | 34.8 | 52.2  |       |

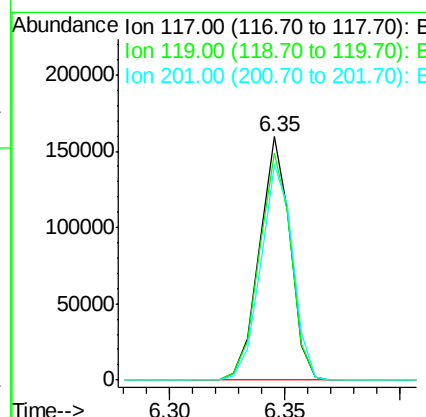
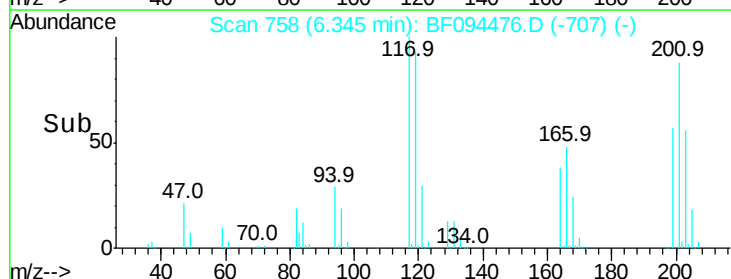
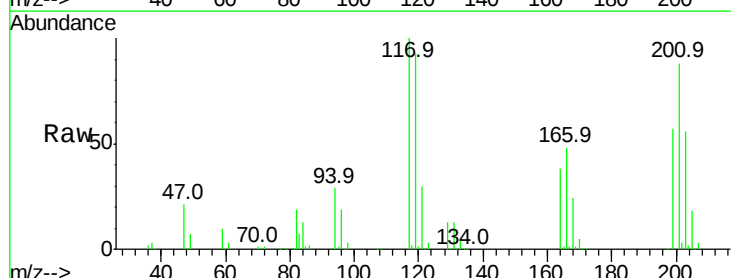
Manual Integrations  
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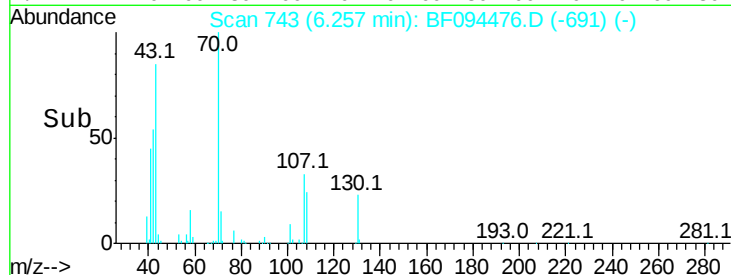
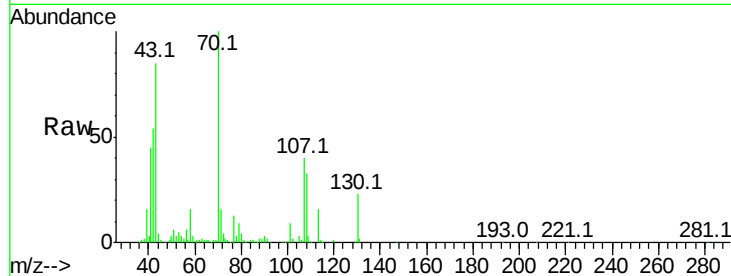
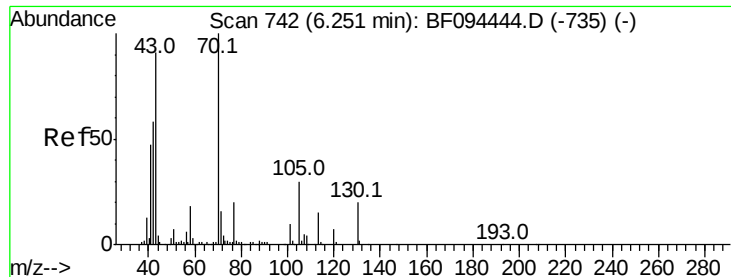
mohammad  
4/18/2017 4:56:05 PM



#18  
Hexachloroethane  
Concen: 36.83 ng  
RT: 6.35 min Scan# 758  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 93.0  | 77.4 | 116.0  |       |
| 201     | 88.3  | 94.6 | 141.8# |       |





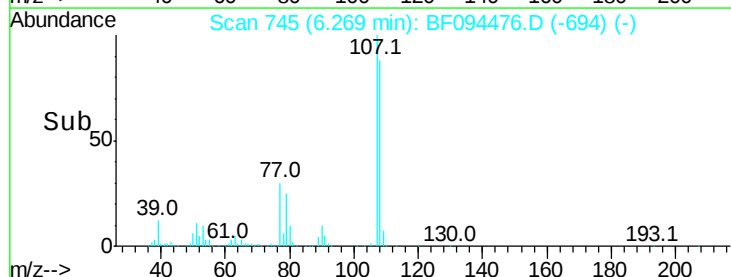
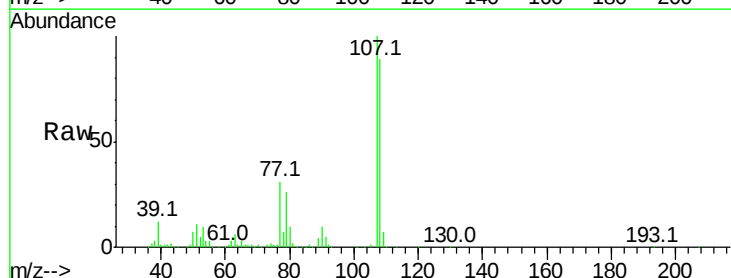
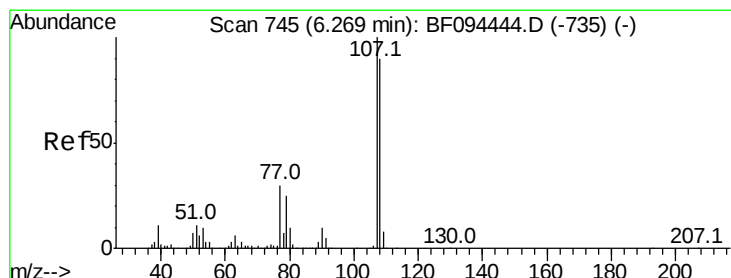
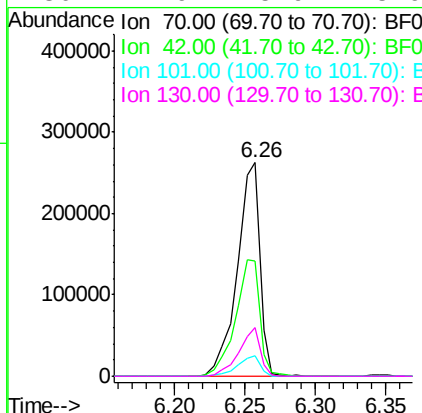
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.56 ng  
RT: 6.26 min Scan# 743  
Delta R.T. 0.01 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 292878 |       |       |
| 42      | 53.8 | 47.2  | 70.8   |       |       |
| 101     | 9.5  | 7.2   | 10.8   |       |       |
| 130     | 22.9 | 15.9  | 23.9   |       |       |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

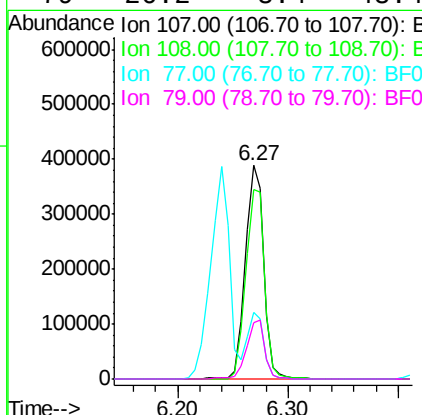
Manual Integrations  
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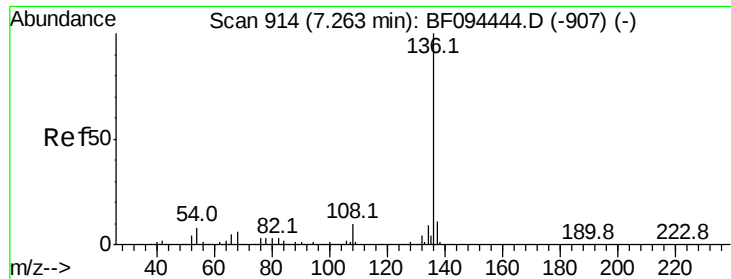
mohammad  
4/18/2017 4:56:05 PM



#20  
3+4-Methylphenols  
Concen: 40.45 ng  
RT: 6.27 min Scan# 745  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 455333 |       |       |
| 108     | 88.7 | 71.0  | 111.0  |       |       |
| 77      | 31.3 | 90.5  | 130.5# |       |       |
| 79      | 26.2 | 8.4   | 48.4   |       |       |





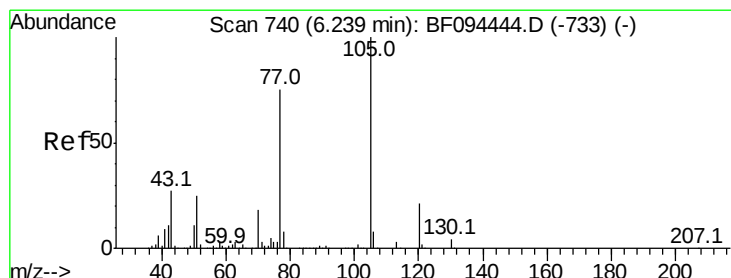
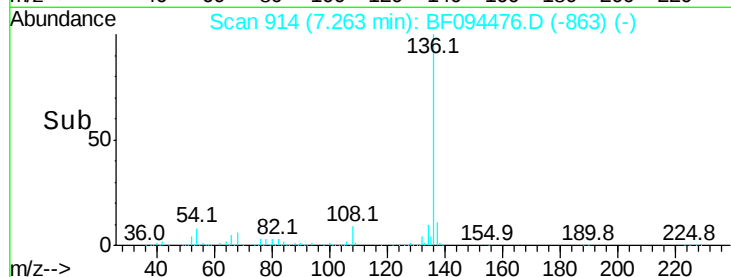
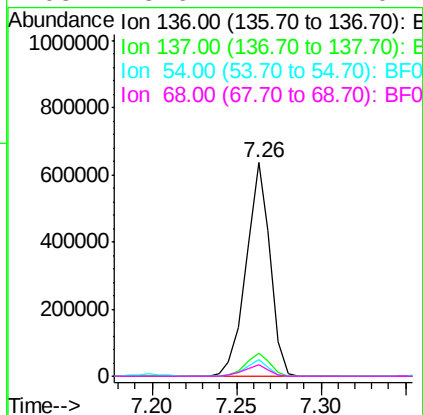
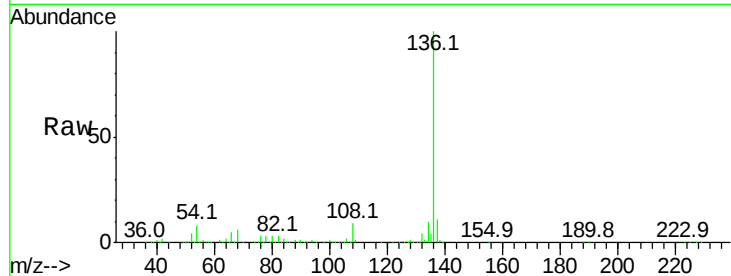
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.26 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 626685 |       |       |
| 137     | 10.9  | 8.5    | 12.7  |       |
| 54      | 7.5   | 4.9    | 7.3#  |       |
| 68      | 5.6   | 4.1    | 6.1   |       |

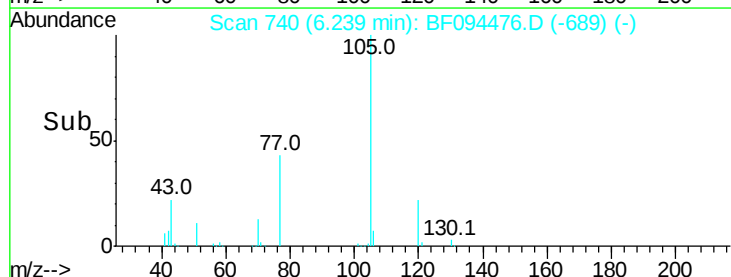
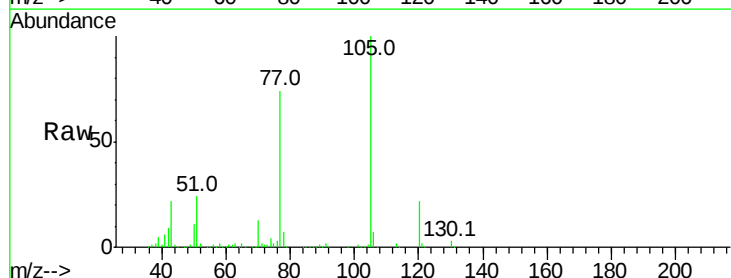
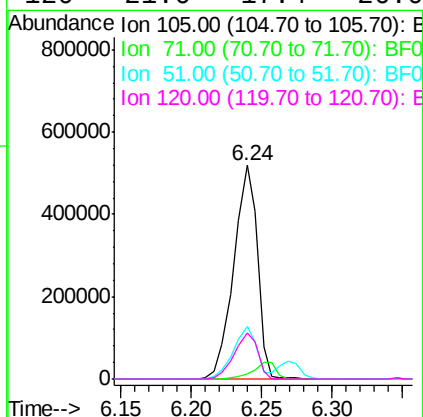
Manual Integrations  
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#22  
Acetophenone  
Concen: 39.88 ng  
RT: 6.24 min Scan# 740  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 607646 |       |       |
| 71      | 2.2   | 2.8    | 4.2#  |       |
| 51      | 24.3  | 30.7   | 46.1# |       |
| 120     | 21.6  | 17.4   | 26.0  |       |





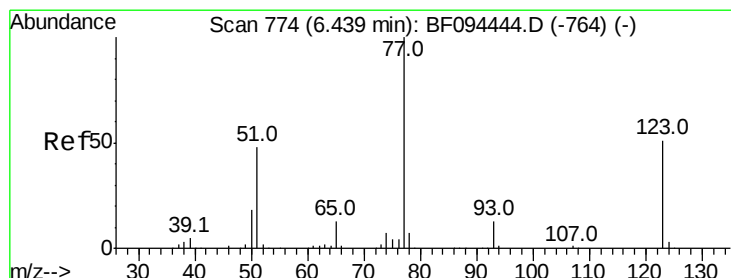
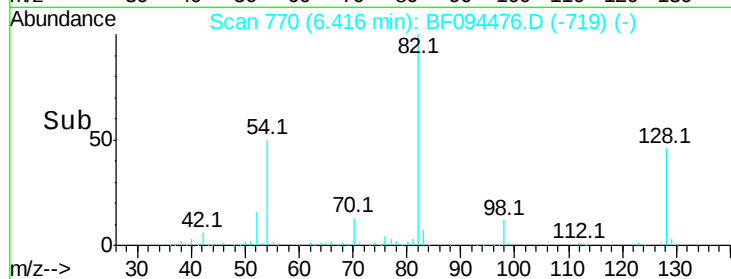
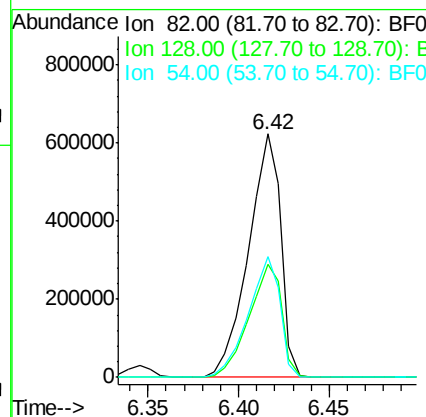
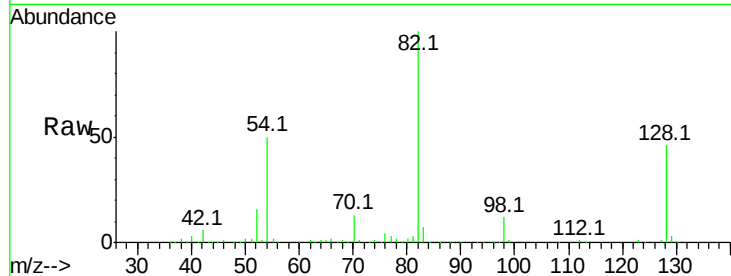
#23  
 Nitrobenzene-d5  
 Concen: 75.86 ng  
 RT: 6.42 min Scan# 770  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 46.3  | 34.0 | 51.0  |       |
| 54      | 49.7  | 42.2 | 63.2  |       |

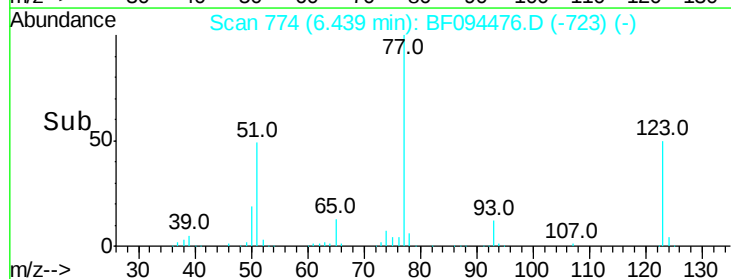
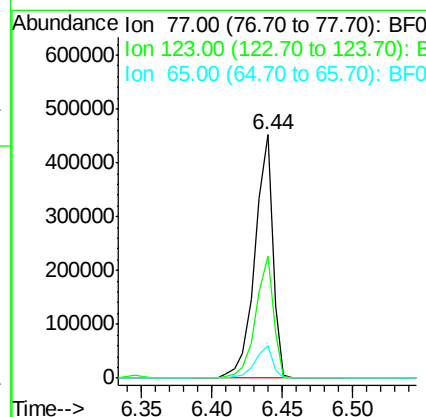
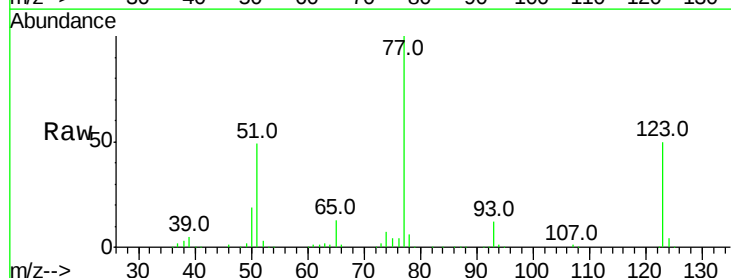
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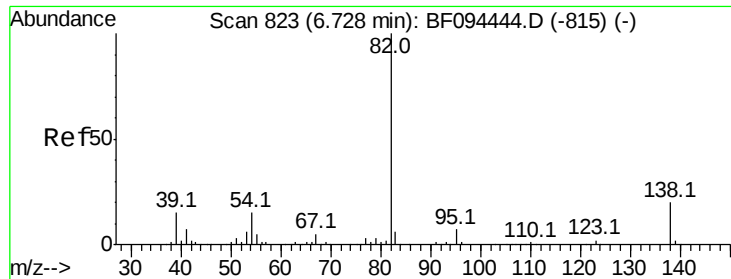
mohammad  
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#24  
 Nitrobenzene  
 Concen: 37.87 ng  
 RT: 6.44 min Scan# 774  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 50.0  | 35.8 | 53.8  |       |
| 65      | 13.1  | 10.6 | 15.8  |       |





#25

Isophorone

Concen: 39.36 ng

RT: 6.73 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

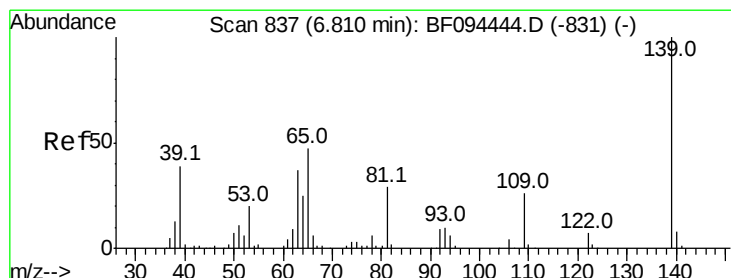
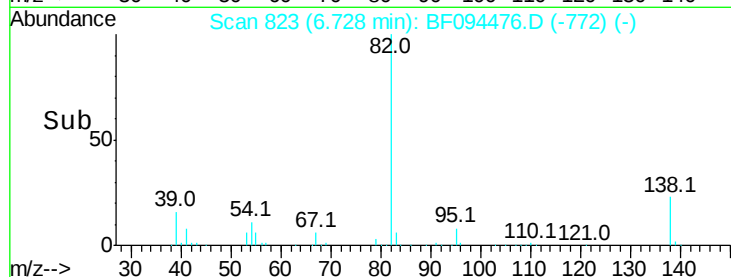
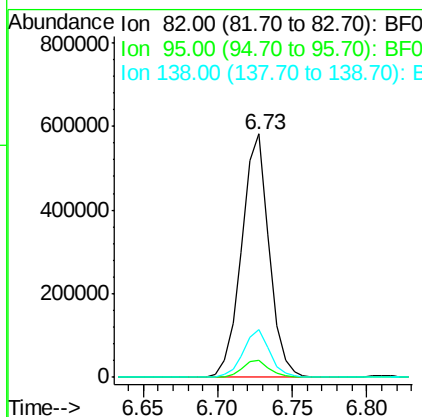
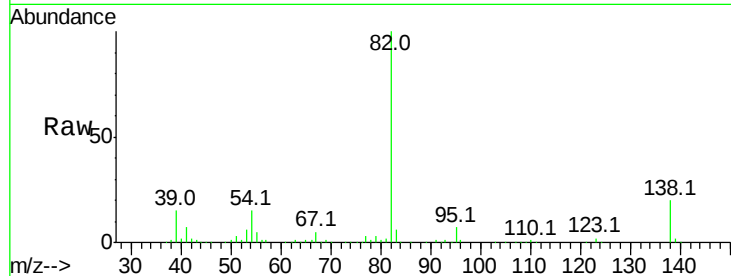
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 740443 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 5.3   | 7.9    |
| 138       | 19.5  | 13.1  | 19.7   |

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#26

2-Nitrophenol

Concen: 38.19 ng

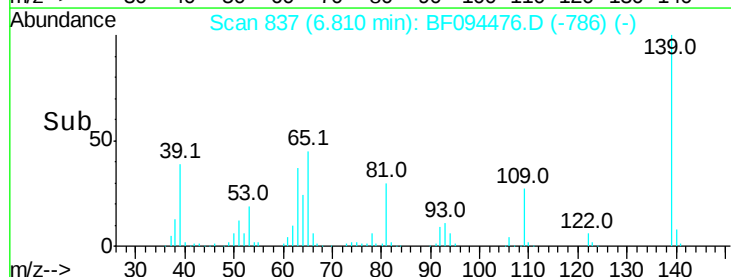
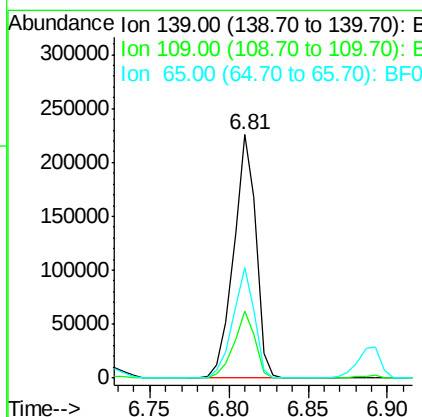
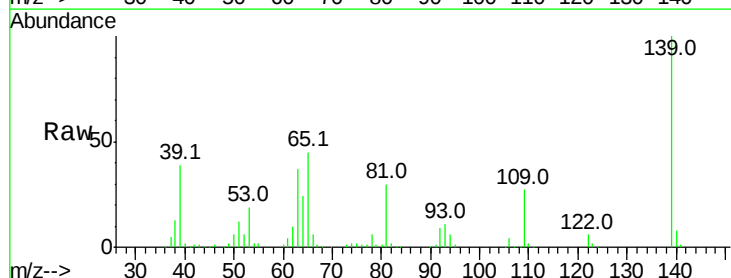
RT: 6.81 min Scan# 837

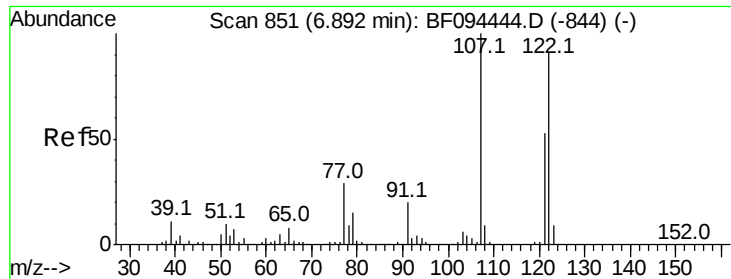
Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 219273 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 27.5  | 21.0  | 31.6   |
| 65        | 45.3  | 33.0  | 49.6   |





#27

2,4-Dimethylphenol

Concen: 36.65 ng

RT: 6.89 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

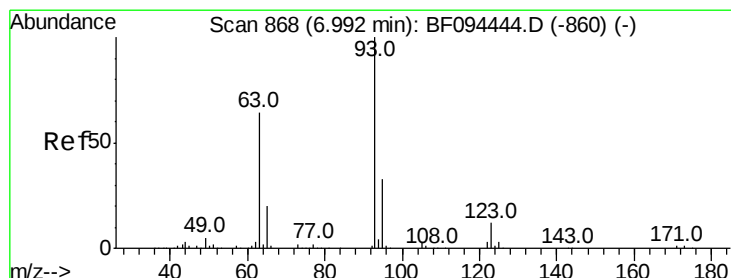
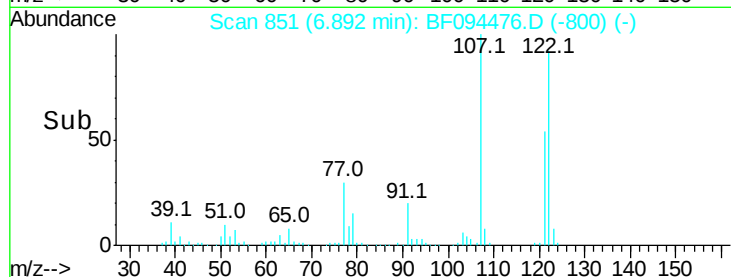
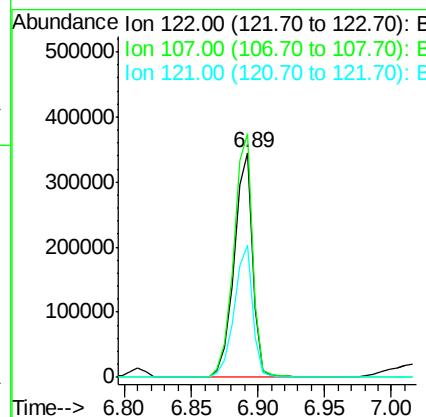
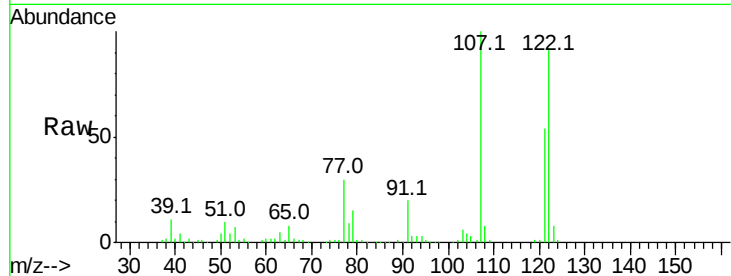
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 341847 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 108.3 | 89.2  | 133.8  |
| 121       | 58.8  | 45.2  | 67.8   |

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#28

bis(2-Chloroethoxy)methane

Concen: 38.57 ng

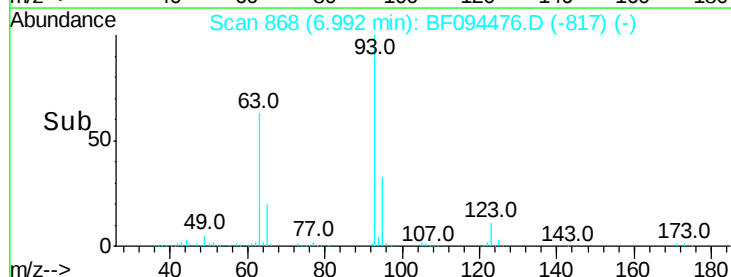
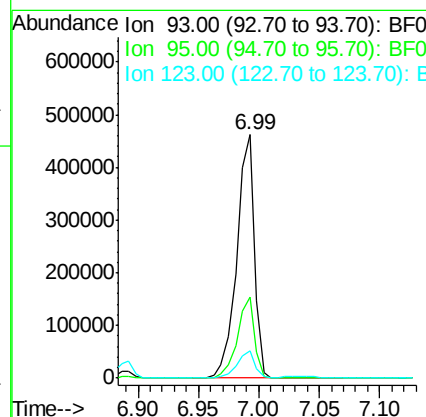
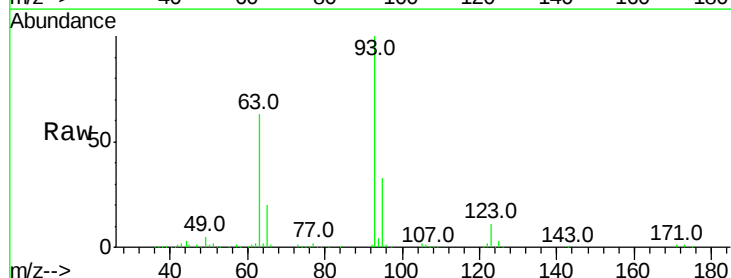
RT: 6.99 min Scan# 868

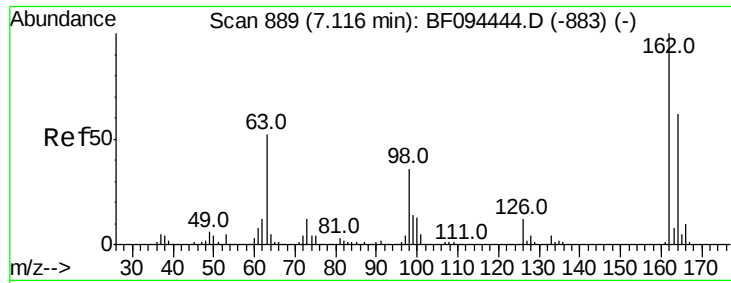
Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 469371 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.1  | 26.5  | 39.7   |
| 123       | 11.2  | 9.0   | 13.4   |





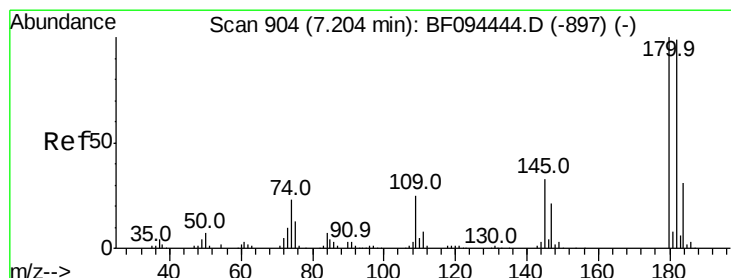
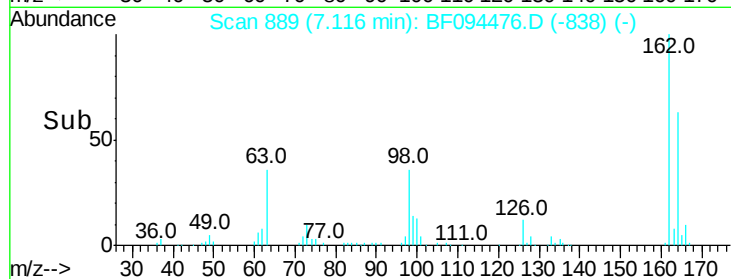
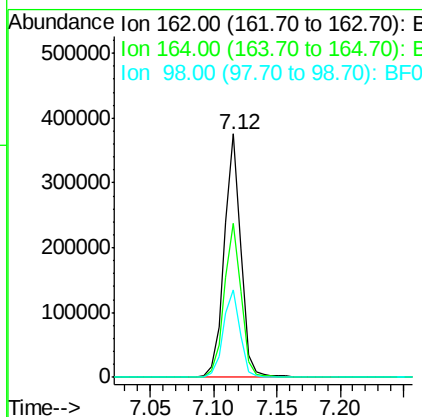
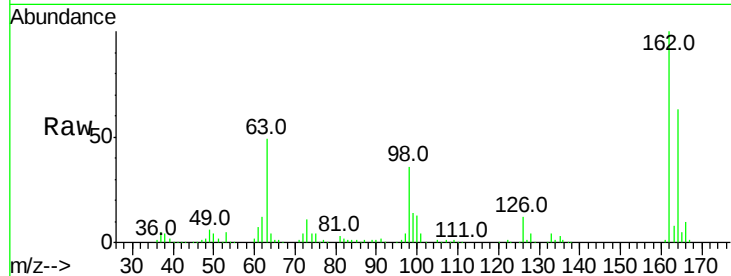
#29  
 2,4-Dichlorophenol  
 Concen: 39.45 ng  
 RT: 7.12 min Scan# 889  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 342257 |       |       |
| 164     | 63.3  | 44.6   | 84.6  |       |
| 98      | 35.9  | 14.8   | 54.8  |       |

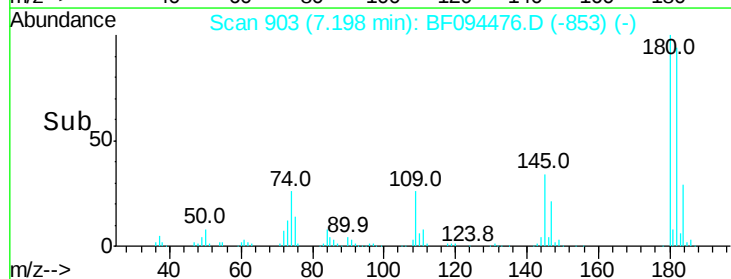
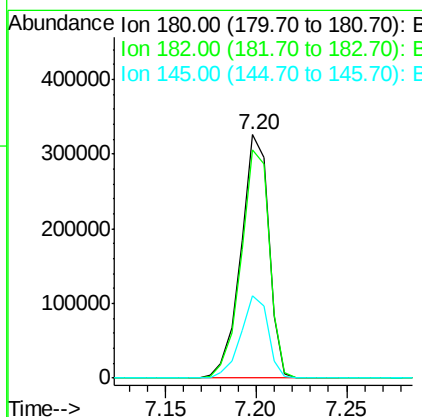
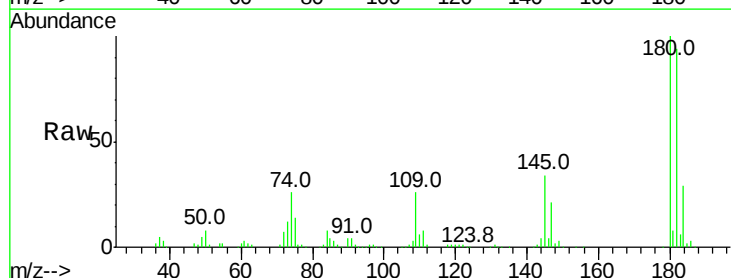
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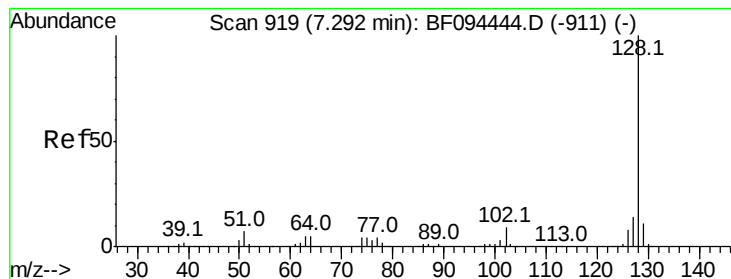
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.75 ng  
 RT: 7.20 min Scan# 903  
 Delta R.T. -0.01 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 347578 |       |       |
| 182     | 93.9  | 75.8   | 113.6 |       |
| 145     | 33.9  | 25.3   | 37.9  |       |





#31

Naphthalene

Concen: 39.07 ng

RT: 7.29 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1177095

Ion Ratio Lower Upper

128 100

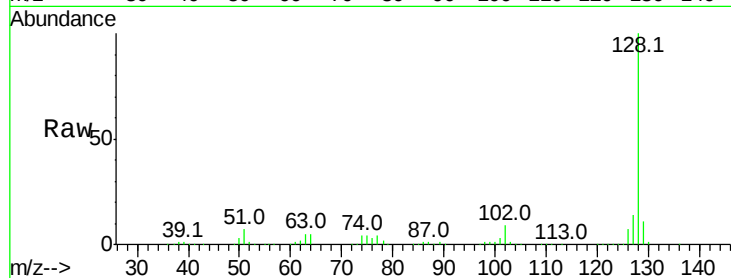
129 10.9 9.0 13.6

127 13.5 10.8 16.2

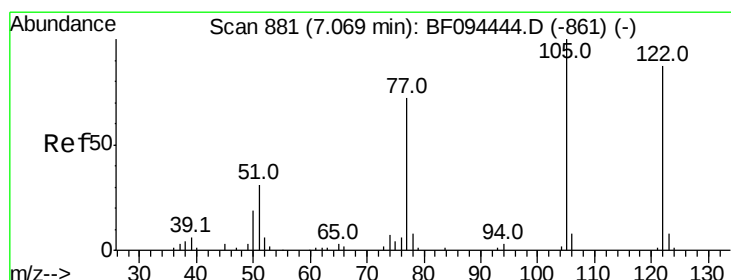
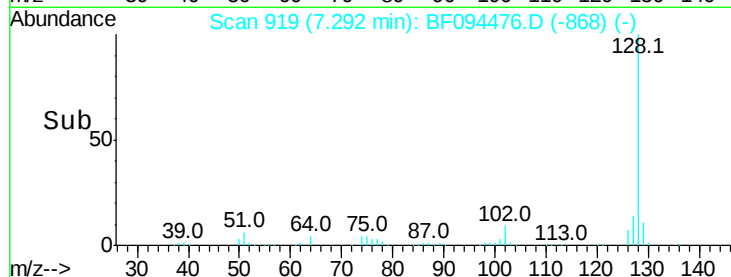
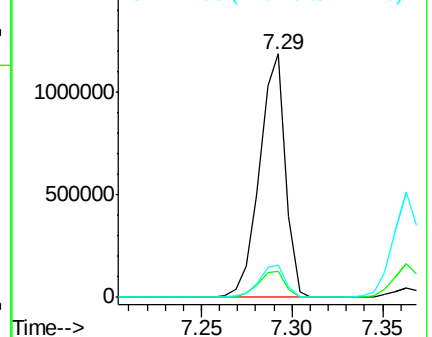
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Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.37 ng m

RT: 7.04 min Scan# 876

Delta R.T. -0.03 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

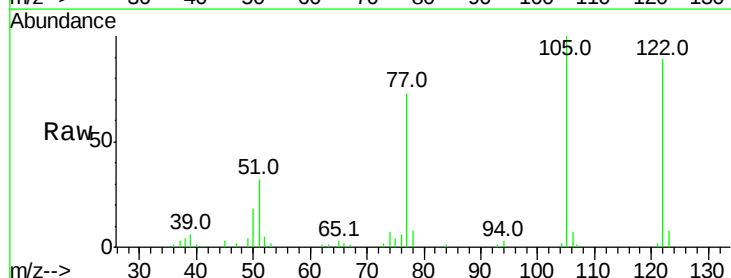
Tgt Ion:122 Resp: 105391

Ion Ratio Lower Upper

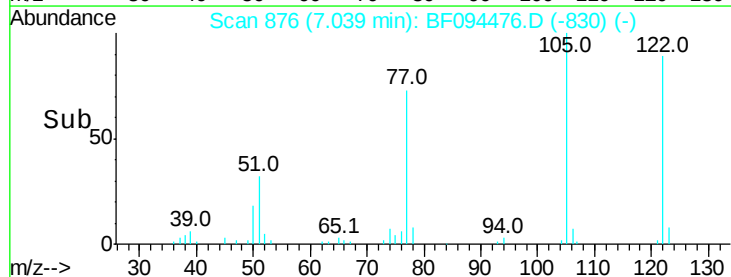
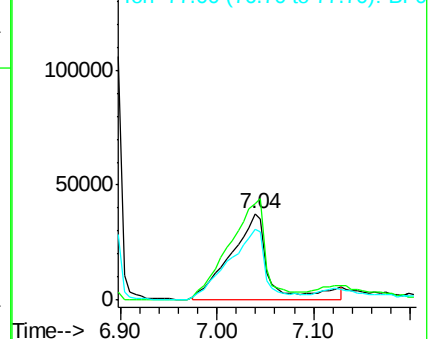
122 100

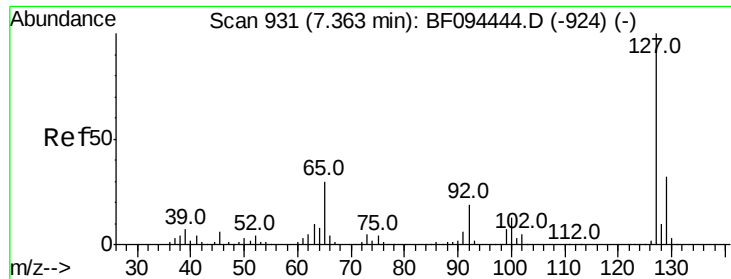
105 111.8 103.3 143.3

77 81.6 73.7 113.7



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





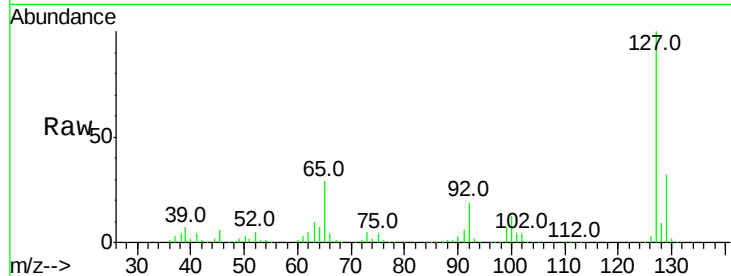
#33  
4-Chloroaniline  
Concen: 39.49 ng  
RT: 7.36 min Scan# 931  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

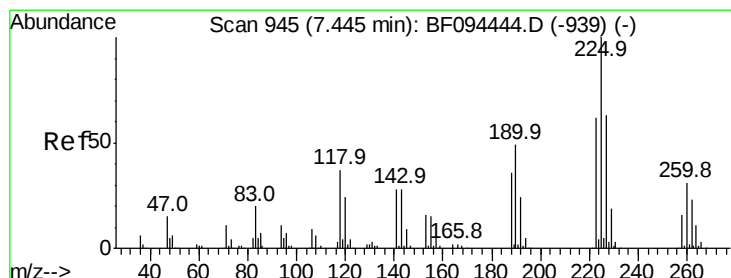
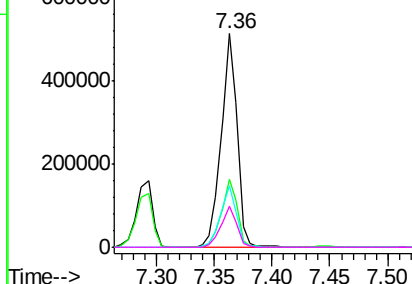
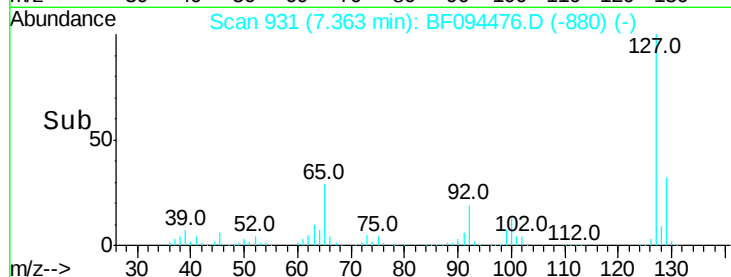
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 31.9  | 26.2 | 39.2  |       |
| 65      | 28.8  | 27.8 | 41.8  |       |
| 92      | 19.1  | 16.8 | 25.2  |       |

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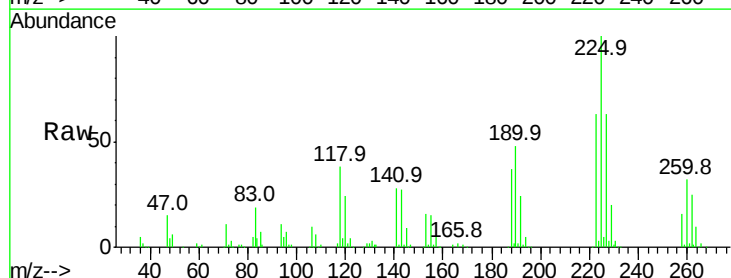


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

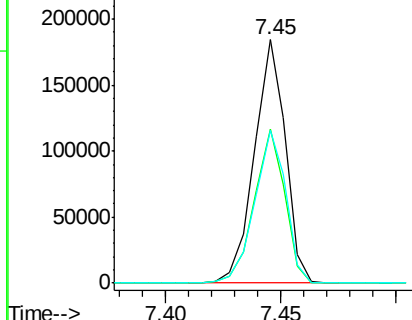
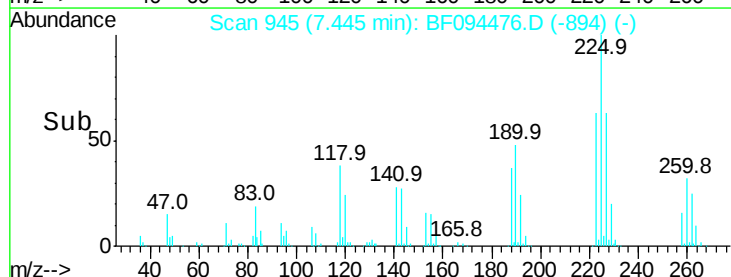


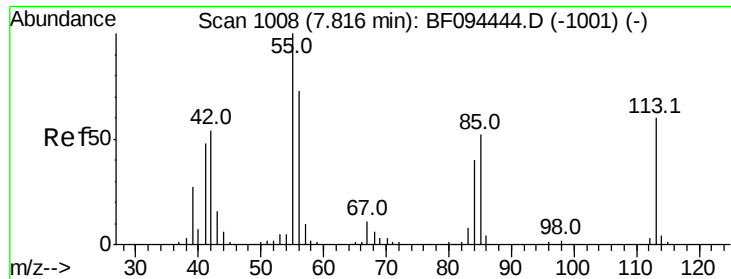
#34  
Hexachlorobutadiene  
Concen: 38.67 ng  
RT: 7.45 min Scan# 945  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.4  | 48.8 | 73.2  |       |
| 227     | 63.0  | 51.1 | 76.7  |       |



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





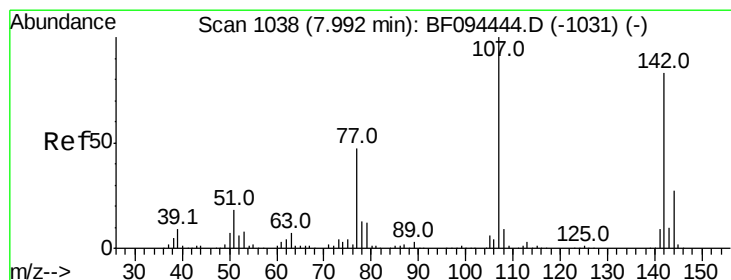
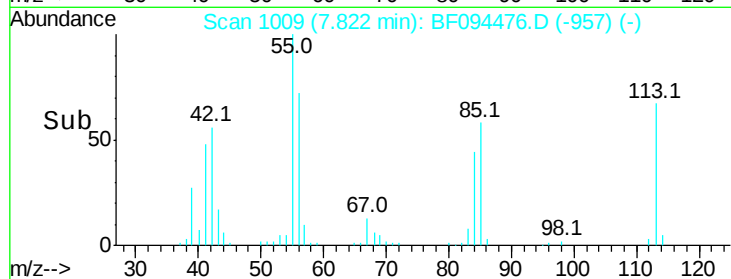
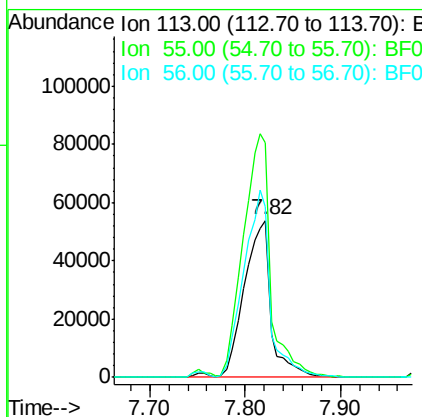
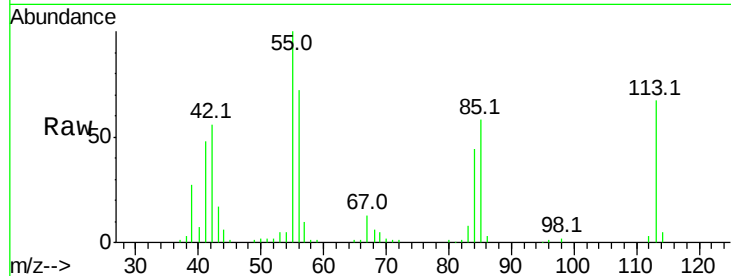
#35  
 Caprolactam  
 Concen: 39.26 ng/ml  
 RT: 7.82 min Scan# 1009  
 Delta R.T. 0.01 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040

Tot Ion: 113 Resp: 107004  
 Ion Ratio Lower Upper  
 113 100  
 55 150.0 150.2 190.2#  
 56 108.5 107.8 147.8

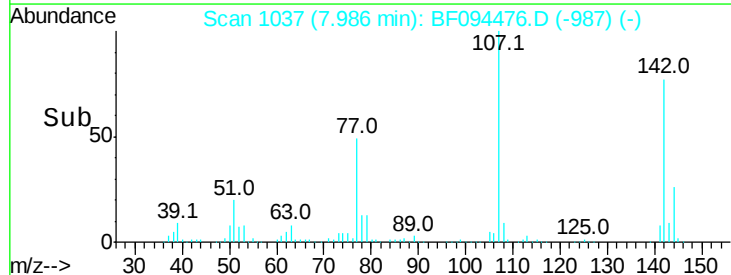
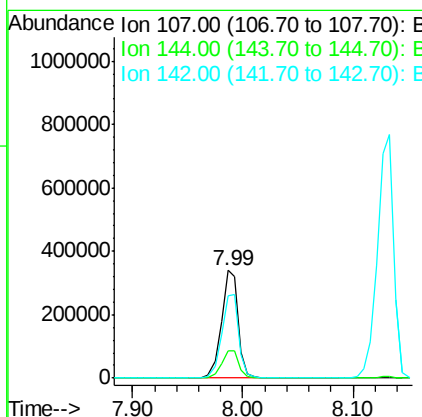
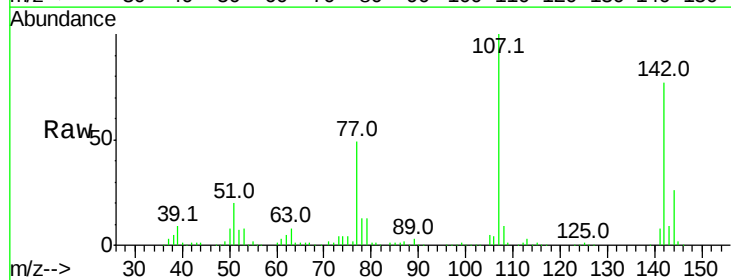
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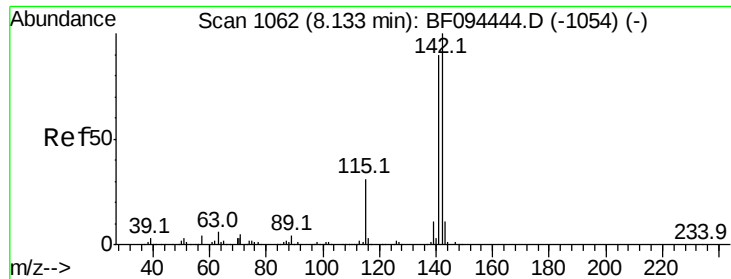
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#36  
 4-Chloro-3-methylphenol  
 Concen: 39.32 ng/ml  
 RT: 7.99 min Scan# 1037  
 Delta R.T. -0.01 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Tgt Ion: 107 Resp: 357519  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 24.2 36.4  
 142 76.6 73.4 110.0





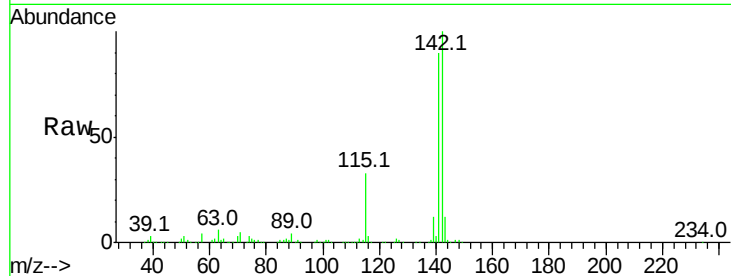
#37  
2-Methylnaphthalene  
Concen: 38.62 ng  
RT: 8.13 min Scan# 1062  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.0  | 71.3  | 106.9 |
| 115     | 32.8  | 27.1  | 40.7  |

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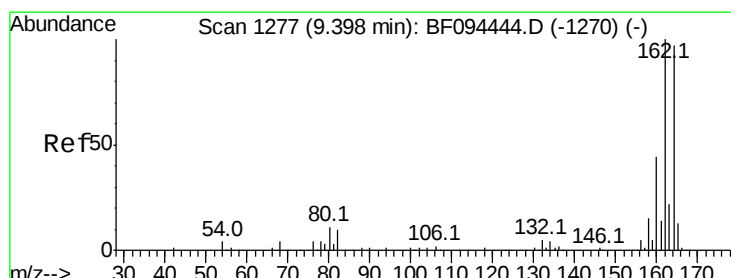
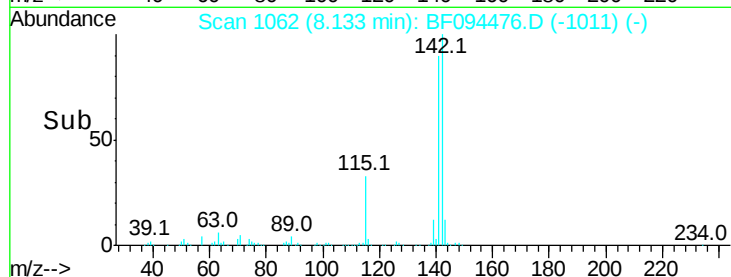
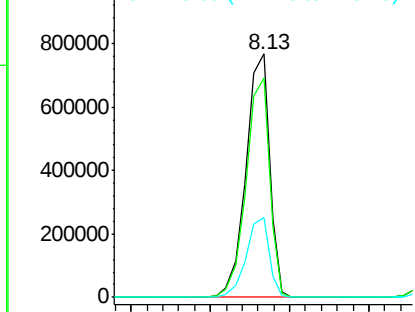


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.40 min Scan# 1277  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

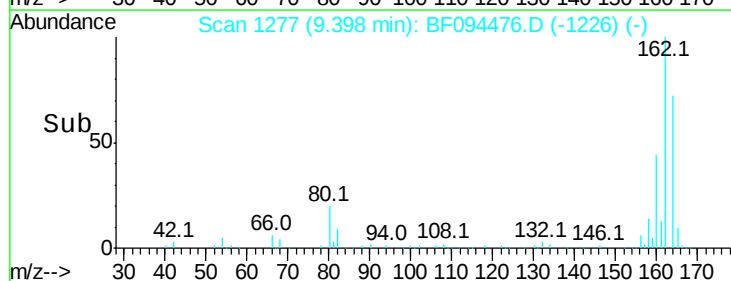
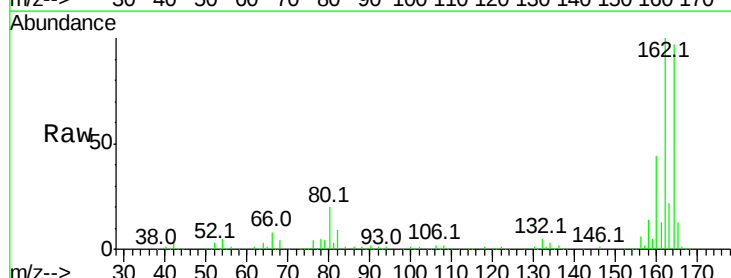
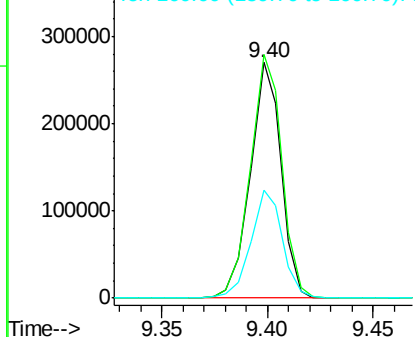
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.3 | 82.6  | 123.8 |
| 160     | 45.9  | 36.2  | 54.2  |

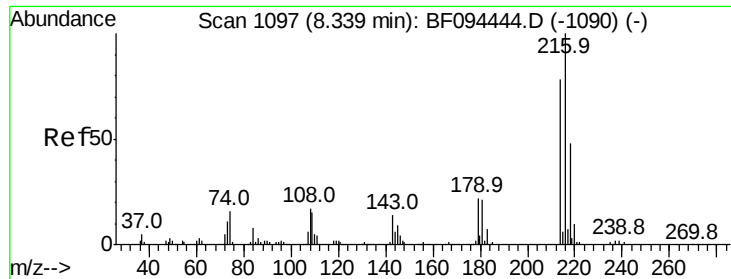
Abundance

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





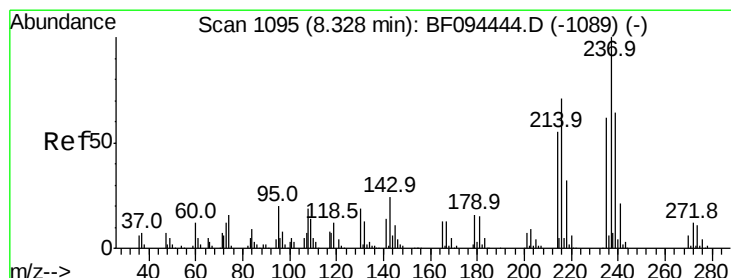
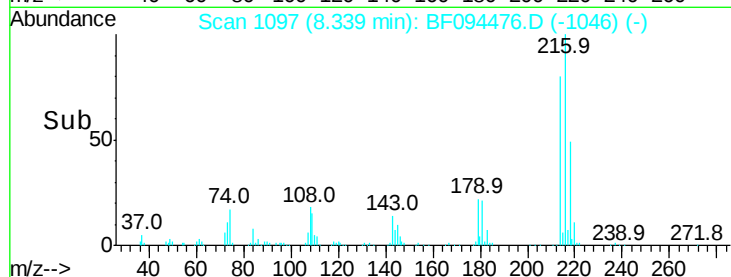
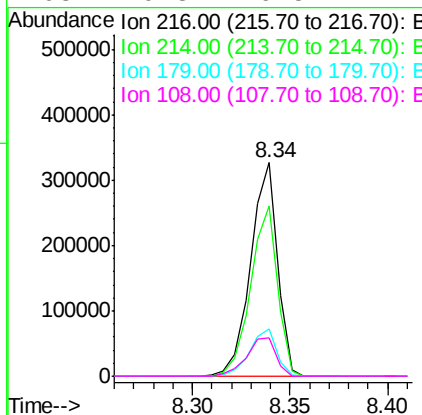
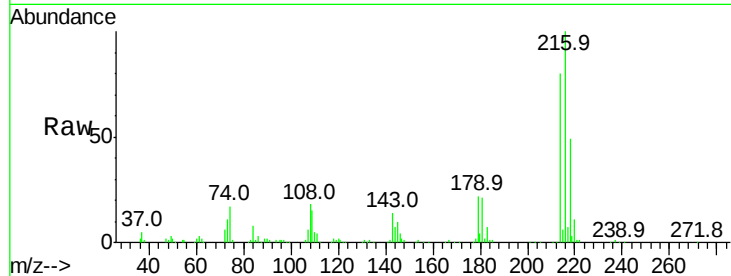
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.06 ng  
 RT: 8.34 min Scan# 1097  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 312023 |       |       |
| 214     | 79.6 | 63.4  | 95.2   |       |       |
| 179     | 22.1 | 17.9  | 26.9   |       |       |
| 108     | 19.8 | 16.5  | 24.7   |       |       |

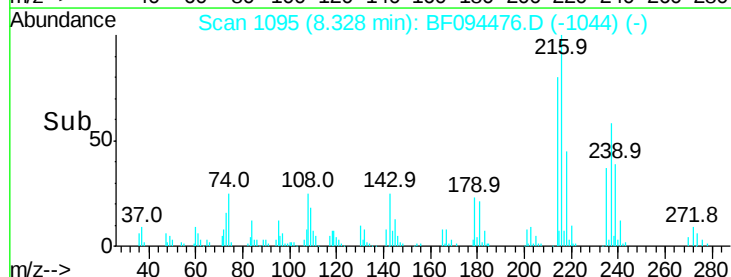
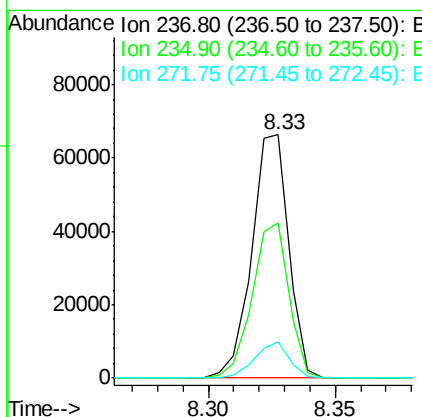
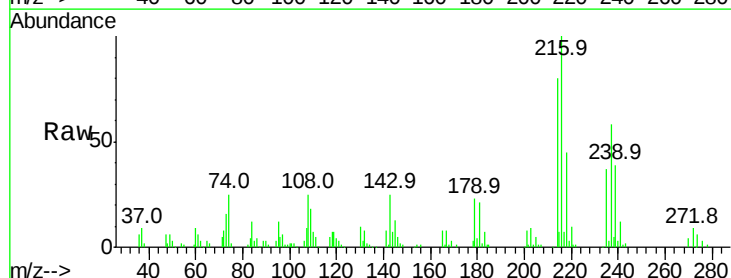
Manual Integrations  
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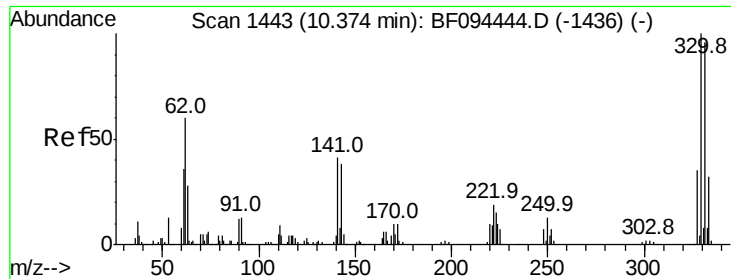
mohammad  
 4/18/2017 4:56:05 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 21.49 ng  
 RT: 8.33 min Scan# 1095  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 67714 |       |       |
| 235     | 63.7 | 42.6  | 82.6  |       |       |
| 272     | 14.9 | 0.0   | 31.9  |       |       |





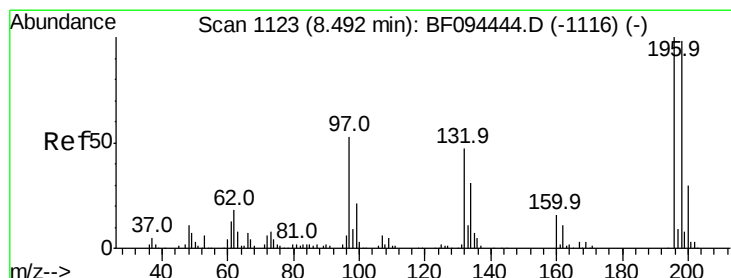
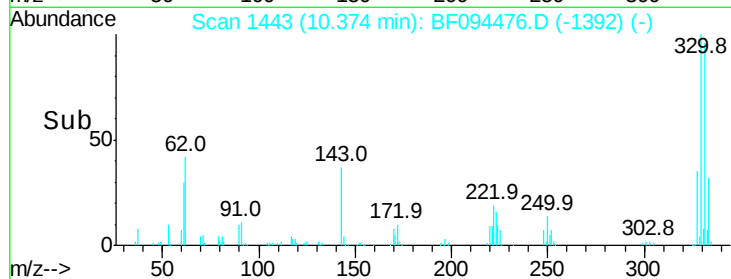
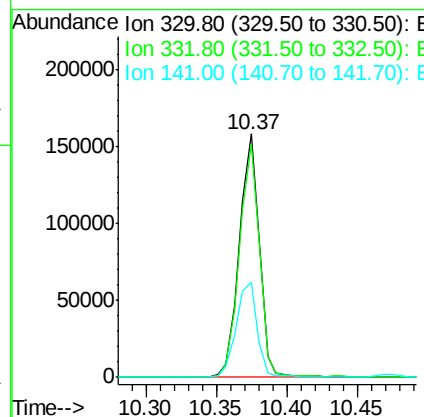
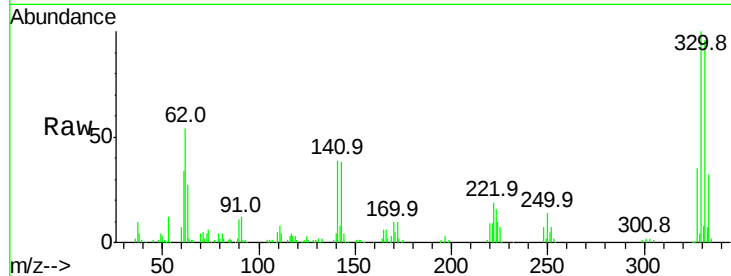
#41  
 2,4,6-Tribromophenol  
 Concen: 73.45 ng  
 RT: 10.37 min Scan# 1443  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 157152 |       |       |
| 332     | 96.6  | 76.6   | 115.0 |       |
| 141     | 41.0  | 31.4   | 47.2  |       |

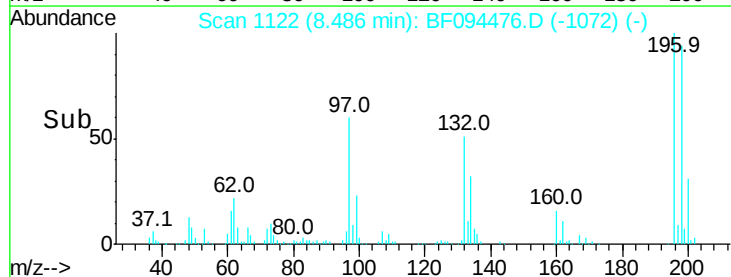
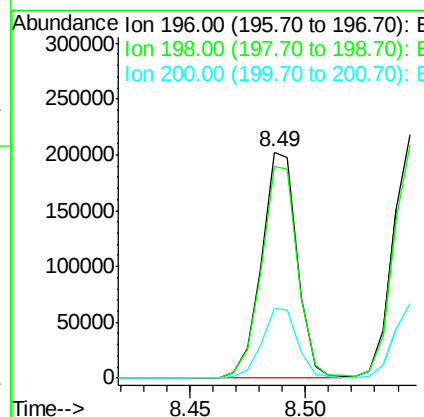
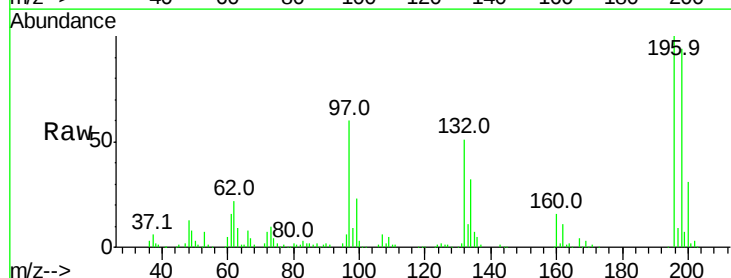
Manual Integrations  
 APPROVED

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#42  
 2,4,6-Trichlorophenol  
 Concen: 39.85 ng  
 RT: 8.49 min Scan# 1122  
 Delta R.T. -0.01 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 217976 |       |       |
| 198     | 93.5  | 74.2   | 111.4 |       |
| 200     | 31.0  | 24.0   | 36.0  |       |





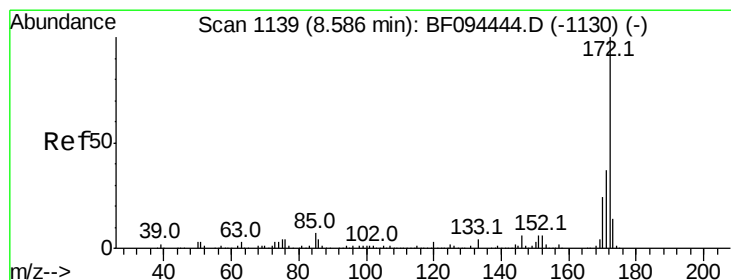
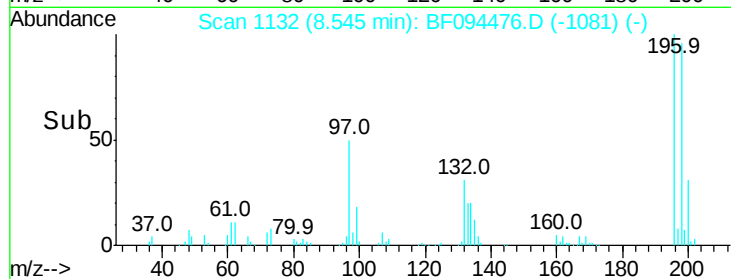
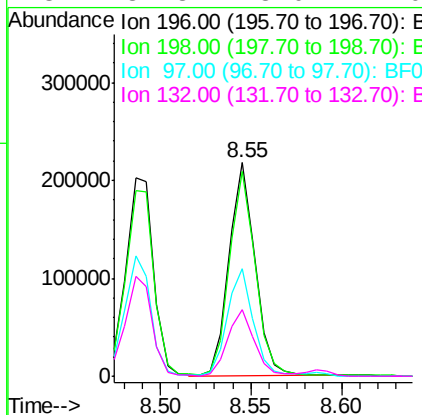
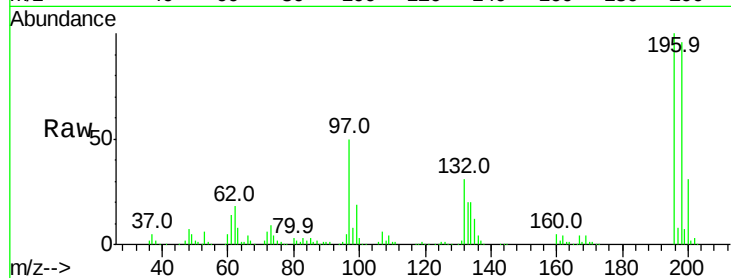
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.89 ng  
 RT: 8.55 min Scan# 1132  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion   | 196   | Resp  | 218477 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.6  | 75.7  | 113.5  |
| 97        | 50.2  | 47.7  | 71.5   |
| 132       | 31.3  | 28.0  | 42.0   |

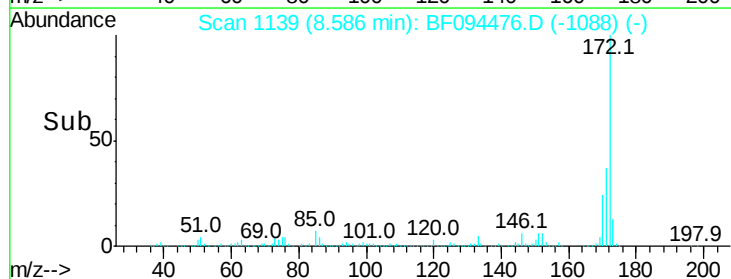
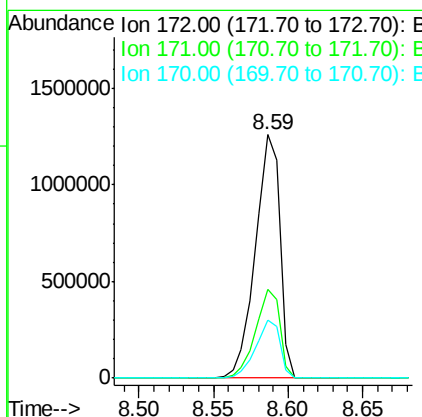
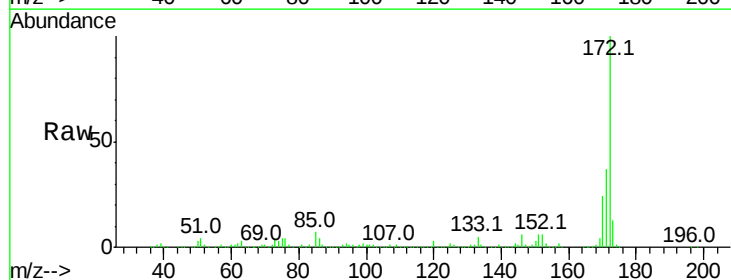
Manual Integrations  
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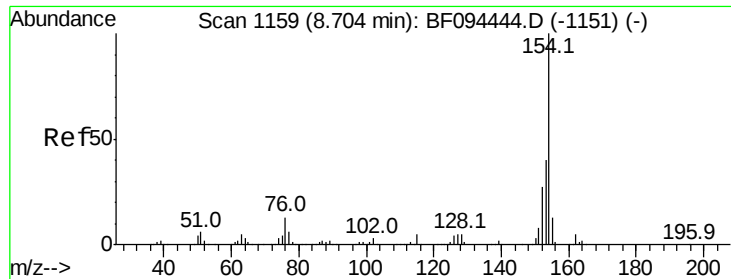
mohammad  
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#44  
 2-Fluorobiphenyl  
 Concen: 76.37 ng  
 RT: 8.59 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion   | 172   | Resp  | 1419896 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 36.6  | 29.6  | 44.4    |
| 170       | 23.9  | 19.8  | 29.8    |





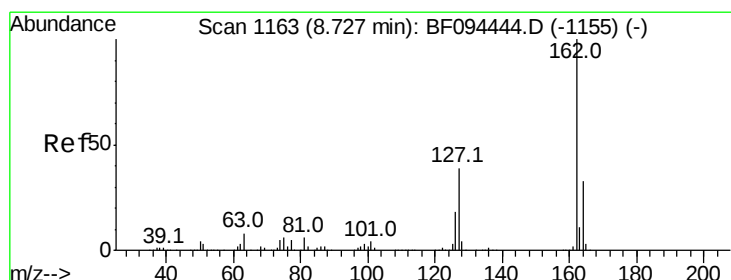
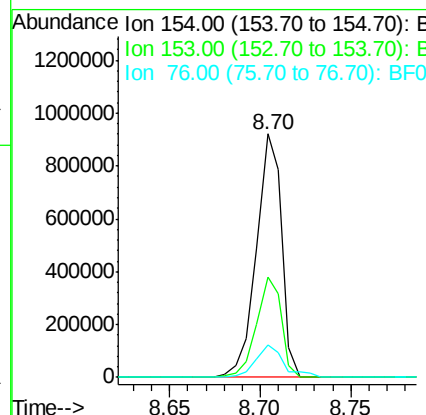
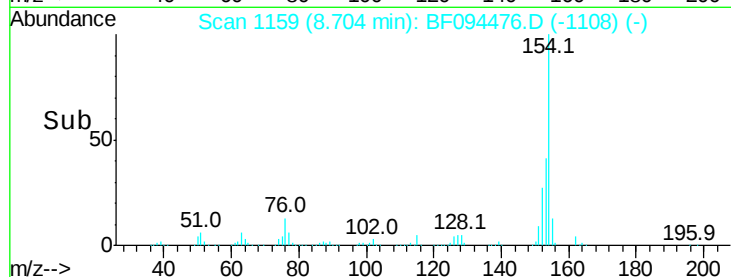
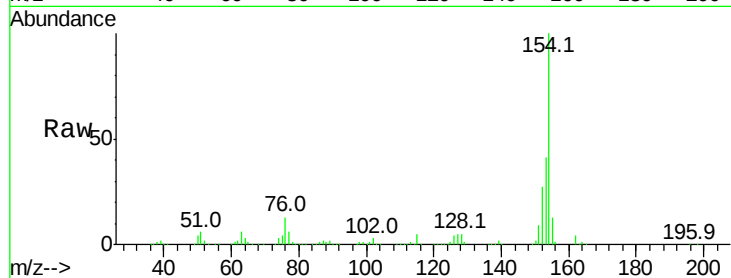
#45  
 1,1'-Biphenyl  
 Concen: 39.90 ng  
 RT: 8.70 min Scan# 1159  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 154     | 100  |       |      |       |       |
| 153     | 41.0 | 21.2  | 61.2 |       |       |
| 76      | 13.4 | 0.0   | 29.9 |       |       |

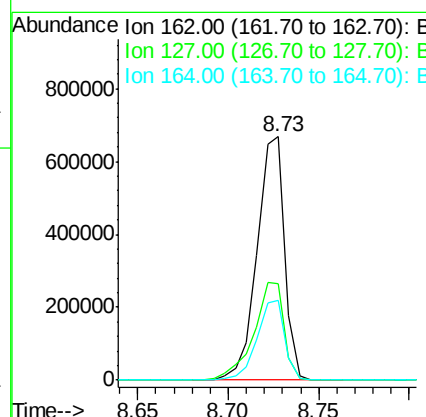
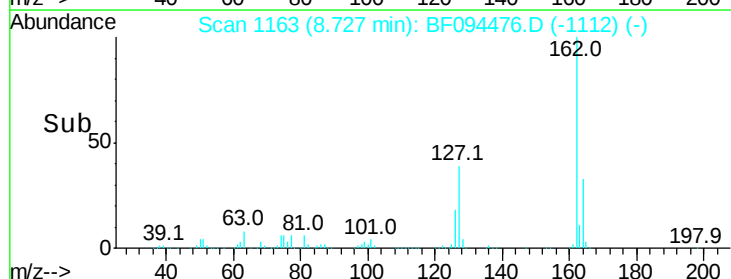
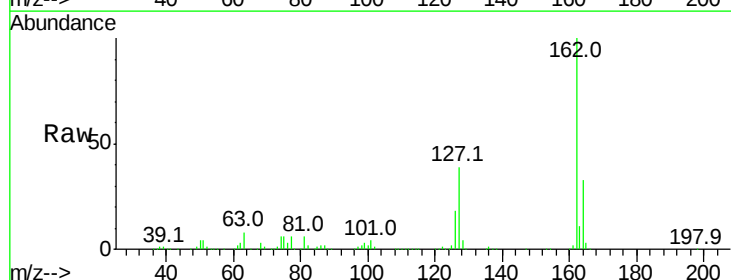
Manual Integrations  
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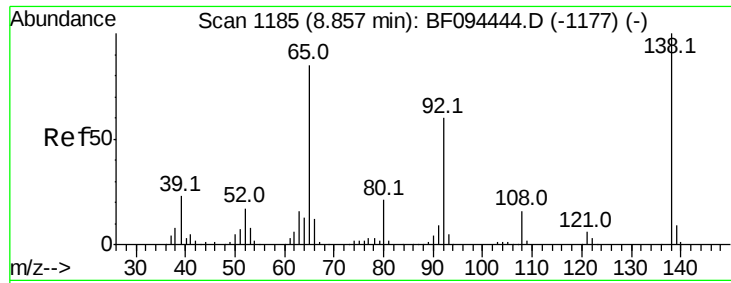
mohammad  
 4/18/2017 4:56:05 PM



#46  
 2-Chloronaphthalene  
 Concen: 39.63 ng  
 RT: 8.73 min Scan# 1163  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 162     | 100  |       |      |       |       |
| 127     | 39.4 | 28.3  | 42.5 |       |       |
| 164     | 32.9 | 27.0  | 40.4 |       |       |





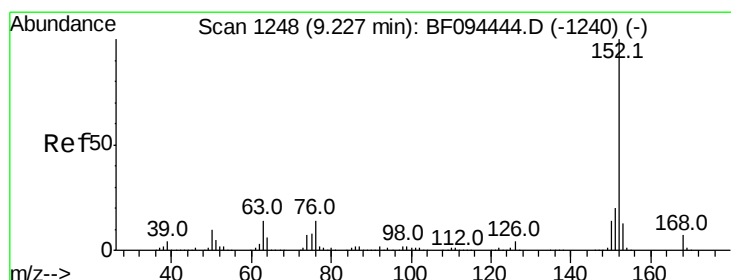
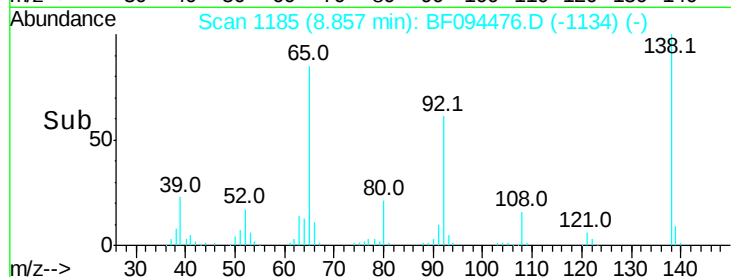
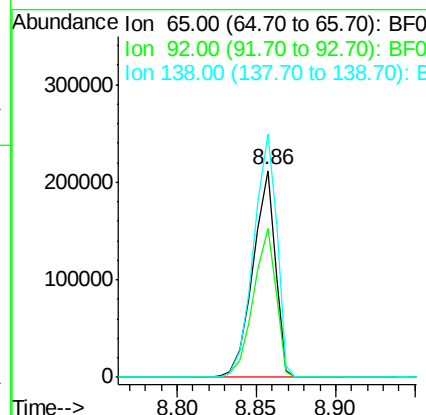
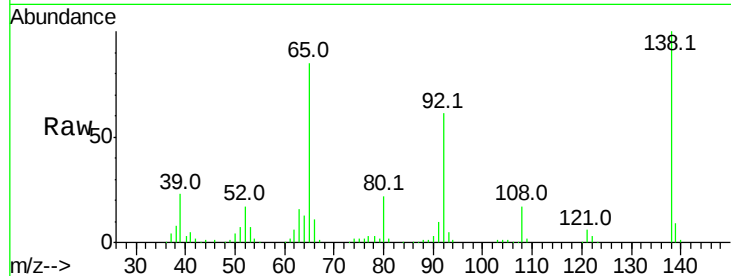
#47  
 2-Nitroaniline  
 Concen: 40.74 ng  
 RT: 8.86 min Scan# 1185  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.8  | 53.9  | 80.9  |
| 138     | 117.7 | 78.8  | 118.2 |

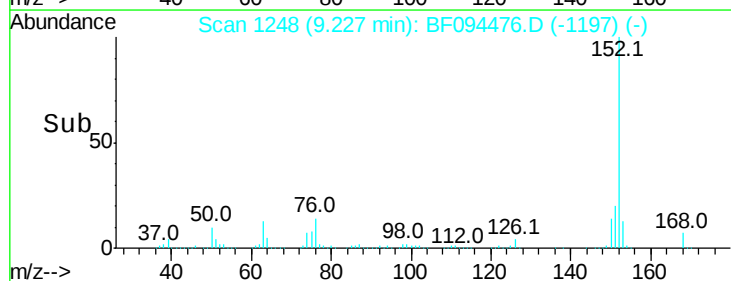
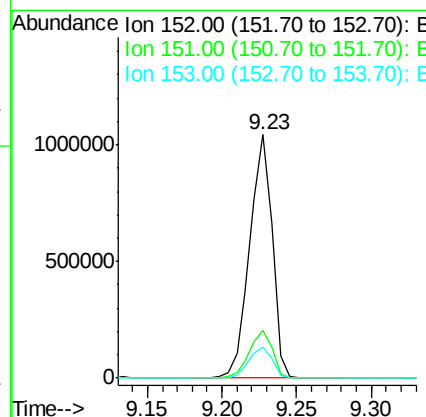
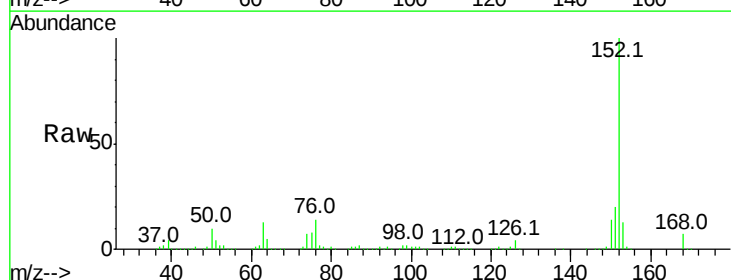
Manual Integrations  
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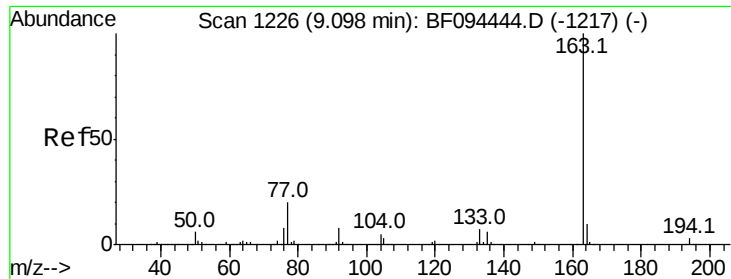
mohammad  
 4/18/2017 4:56:05 PM



#48  
 Acenaphthylene  
 Concen: 39.23 ng  
 RT: 9.23 min Scan# 1248  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.6  | 16.8  | 25.2  |
| 153     | 12.9  | 10.8  | 16.2  |





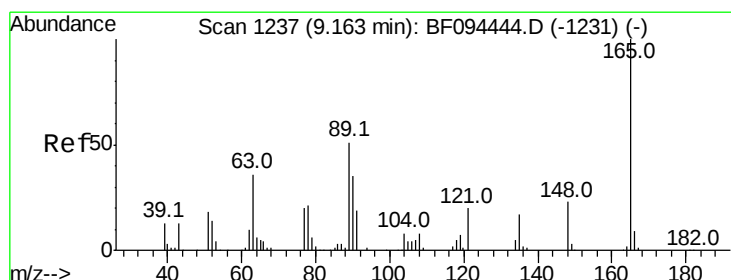
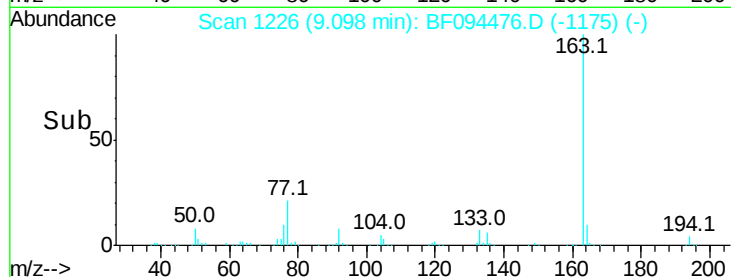
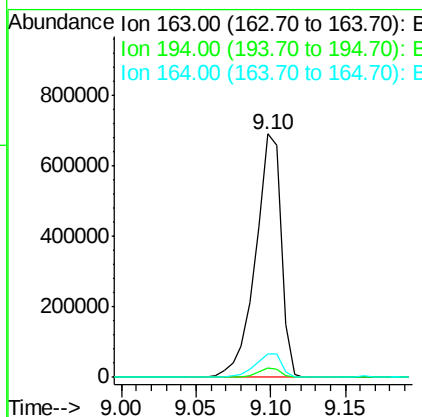
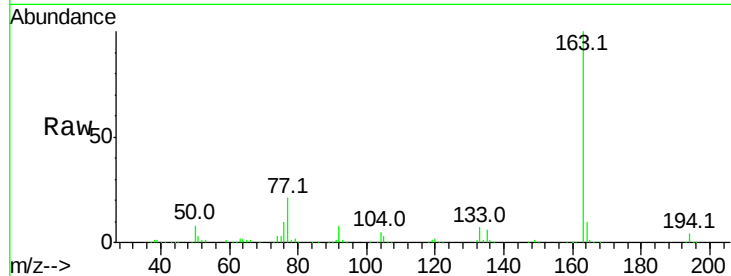
#49  
Dimethylphthalate  
Concen: 39.83 ng  
RT: 9.10 min Scan# 1226  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 3.6   | 2.6  | 4.0   |       |
| 164     | 9.9   | 8.4  | 12.6  |       |

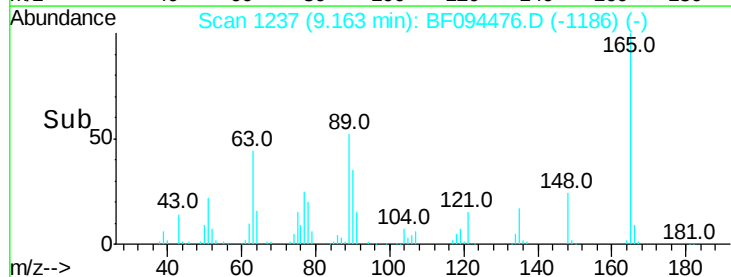
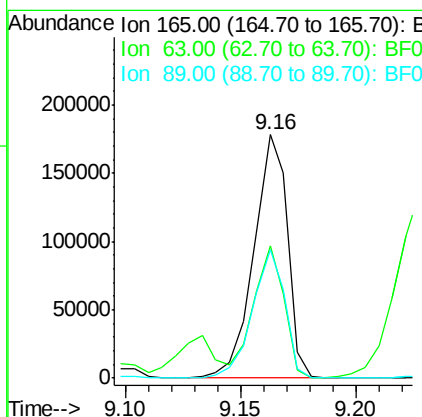
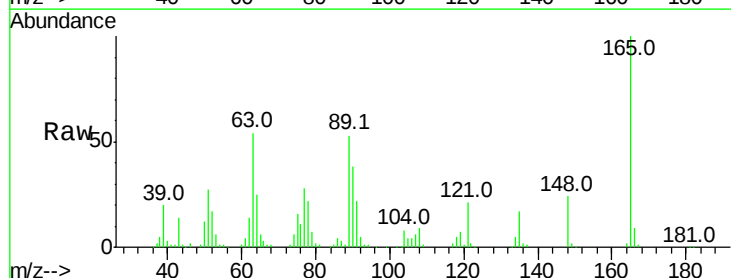
Manual Integrations  
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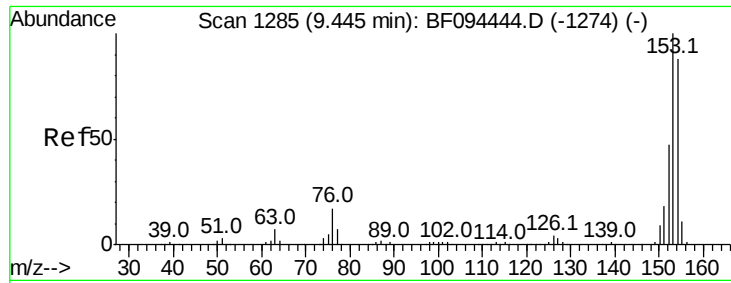
mohammad  
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#50  
2,6-Dinitrotoluene  
Concen: 39.55 ng  
RT: 9.16 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 54.5  | 34.3 | 51.5# |       |
| 89      | 52.7  | 37.1 | 55.7  |       |





#51

Acenaphthene

Concen: 39.12 ng

RT: 9.45 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

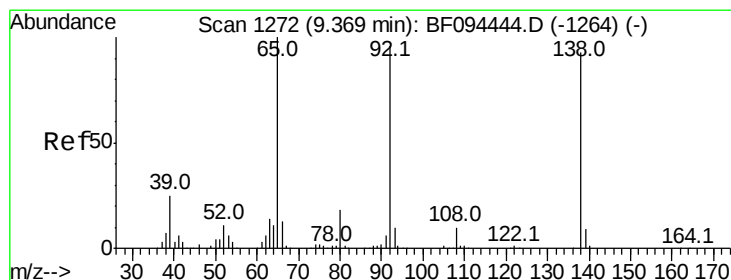
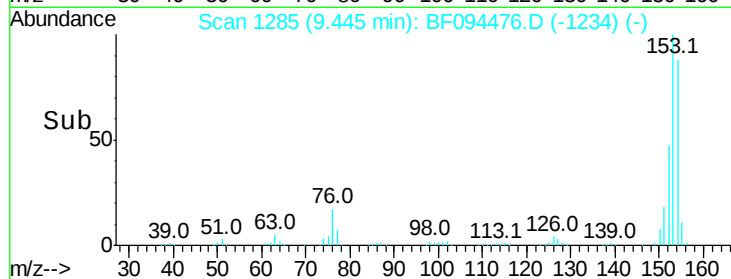
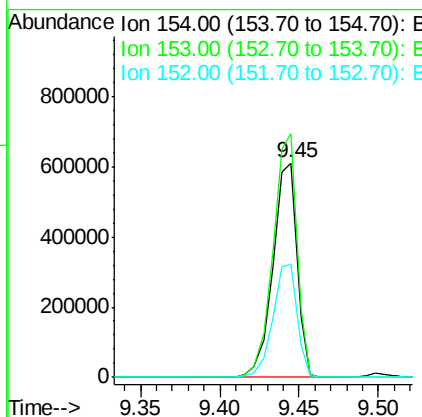
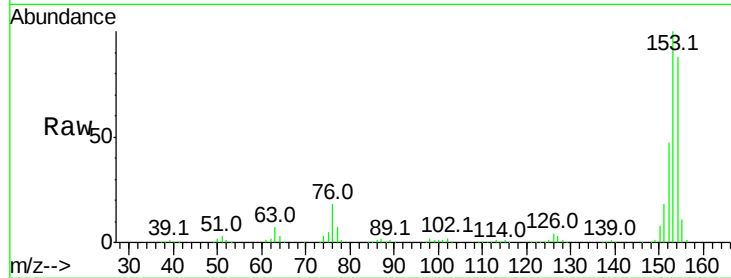
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 649176 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.6 | 90.5  | 135.7  |
| 152       | 53.0  | 43.6  | 65.4   |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 39.90 ng

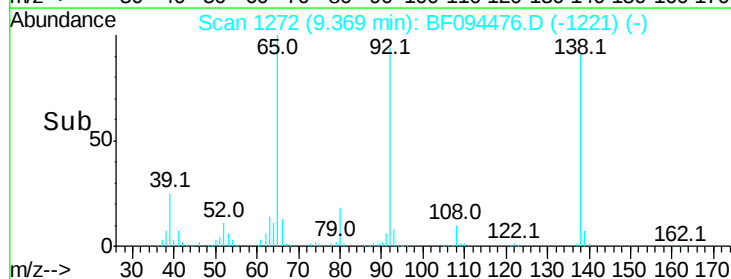
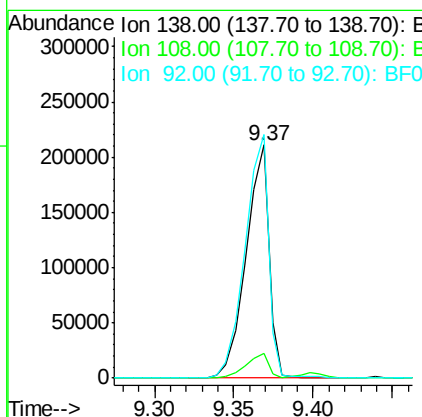
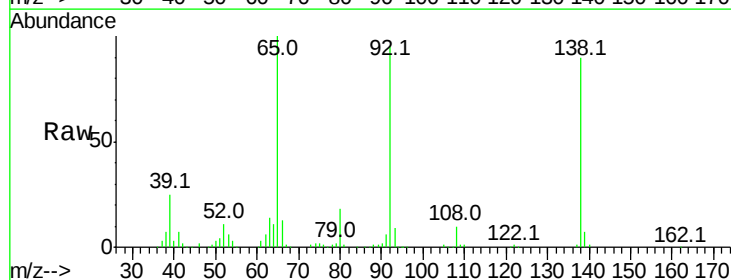
RT: 9.37 min Scan# 1272

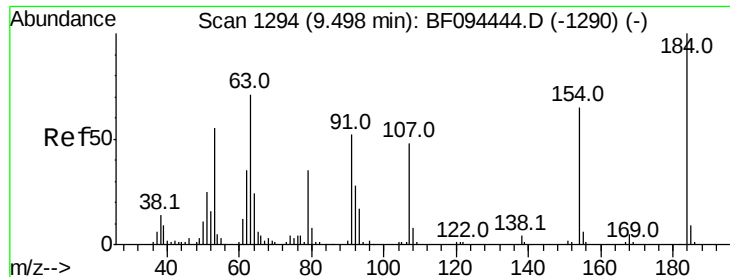
Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 211226 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.6  | 9.1   | 13.7   |
| 92        | 104.6 | 93.8  | 140.6  |





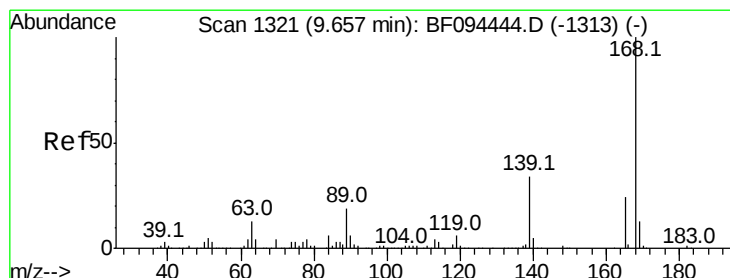
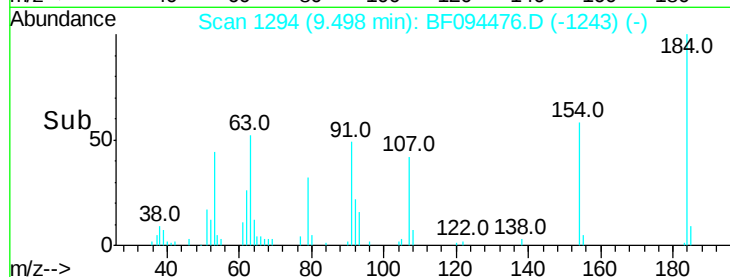
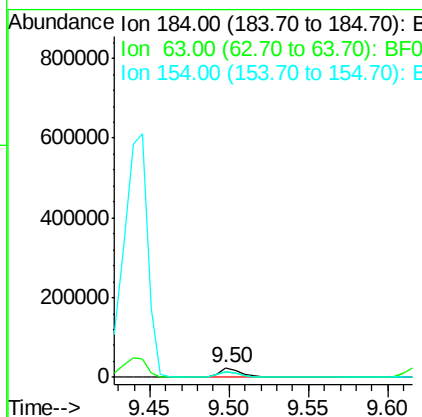
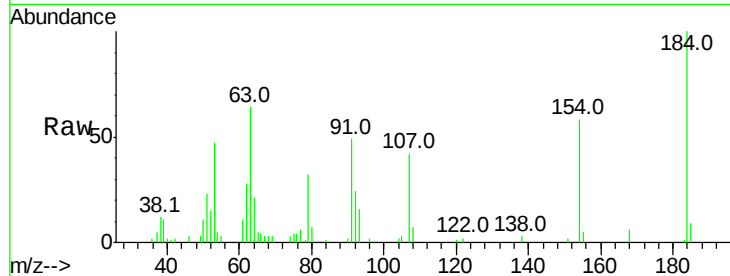
#53  
 2,4-Dinitrophenol  
 Concen: 15.08 ng  
 RT: 9.50 min Scan# 1294  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper  |
|---------|-------|-------|-------|--------|
| 184     | 100   | 24951 |       |        |
| 63      | 63.7  |       | 62.7  | 94.1   |
| 154     | 58.4  |       | 81.1  | 121.7# |

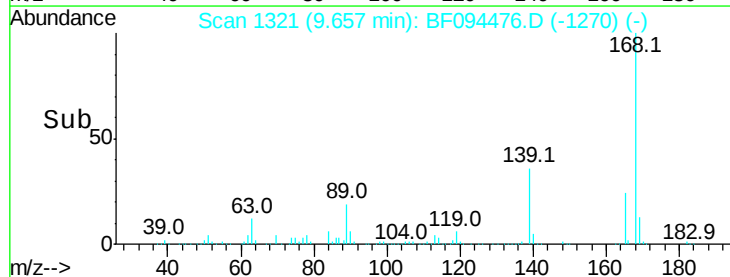
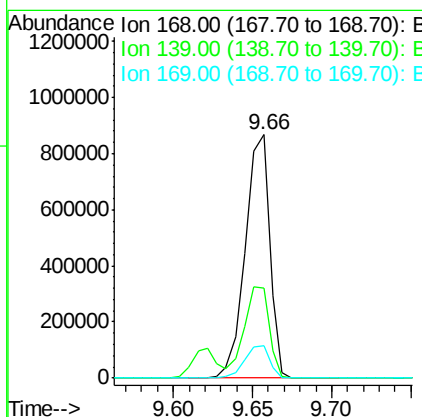
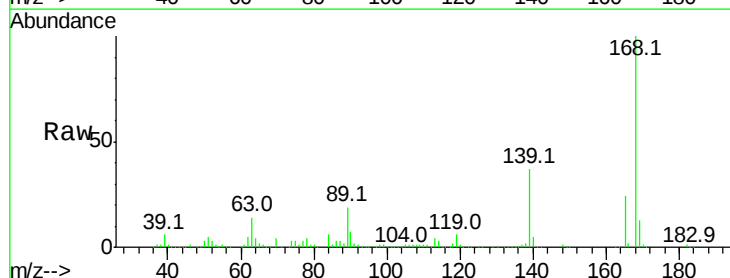
Manual Integrations  
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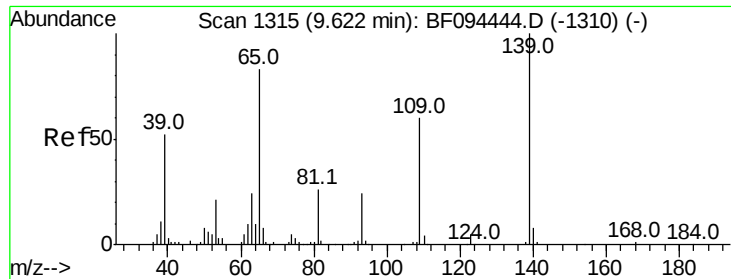
mohammad  
 4/18/2017 4:56:05 PM



#54  
 Dibenzofuran  
 Concen: 38.48 ng  
 RT: 9.66 min Scan# 1321  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 928092 |       |       |
| 139     | 36.9  |        | 30.6  | 45.8  |
| 169     | 13.2  |        | 10.8  | 16.2  |





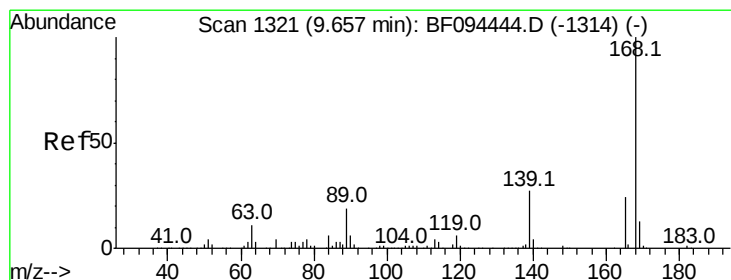
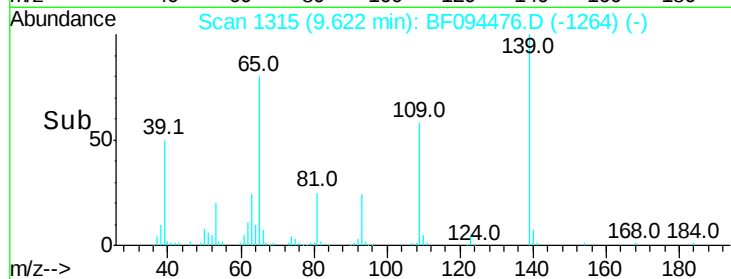
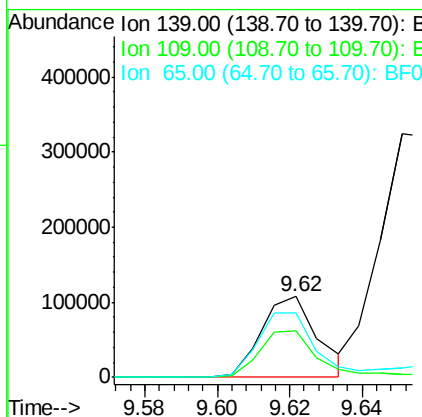
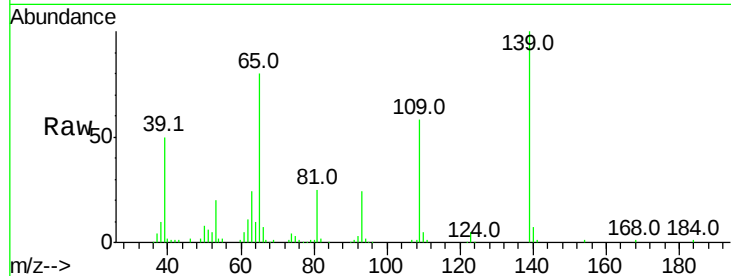
#55  
4-Nitrophenol  
Concen: 30.95 ng  
RT: 9.62 min Scan# 1315  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 58.2  | 34.1 | 74.1  |       |
| 65      | 79.6  | 31.4 | 71.4  |       |

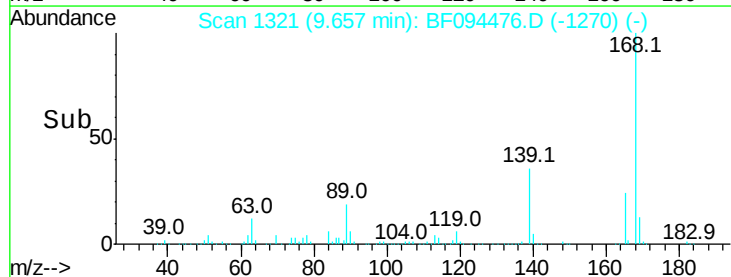
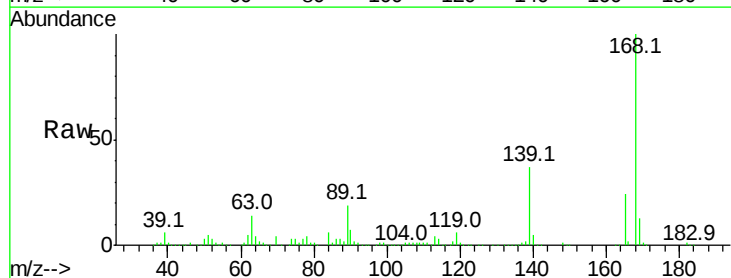
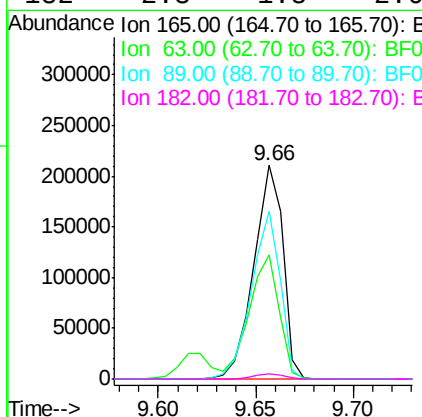
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#56  
2,4-Dinitrotoluene  
Concen: 38.86 ng  
RT: 9.66 min Scan# 1321  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 58.2  | 25.4 | 38.0  |       |
| 89      | 78.6  | 46.4 | 69.6  |       |
| 182     | 2.3   | 1.8  | 2.6   |       |





#57

Fluorene

Concen: 38.05 ng

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 714480

Ion Ratio Lower Upper

166 100

165 100.9 78.8 118.2

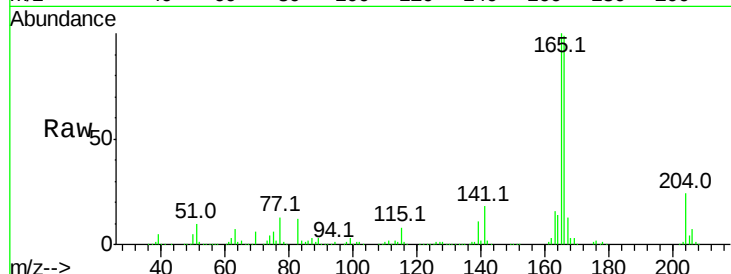
167 13.6 10.6 16.0

Manual Integrations

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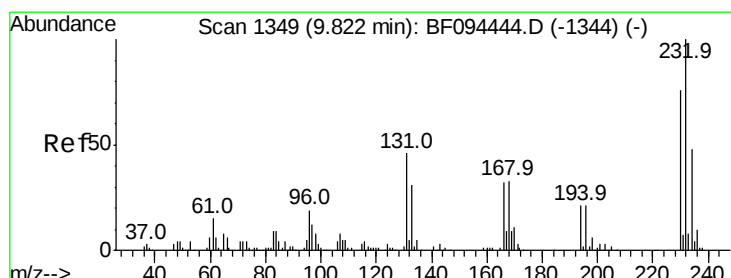
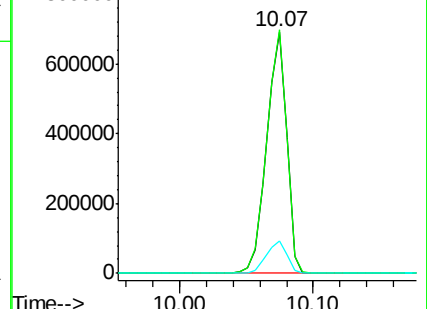
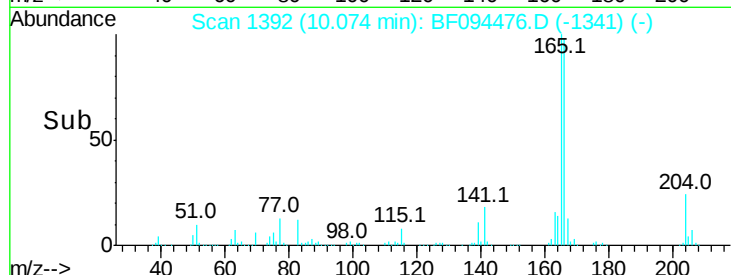
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.65 ng

RT: 9.82 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Tgt Ion:232 Resp: 147573

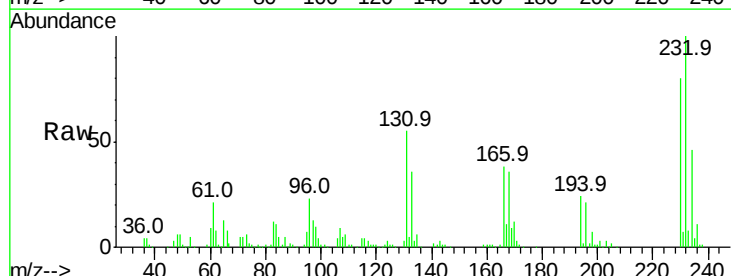
Ion Ratio Lower Upper

232 100

131 51.8 44.8 67.2

130 2.5 2.3 3.5

166 36.9 29.0 43.4

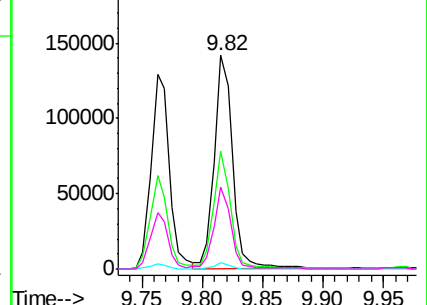
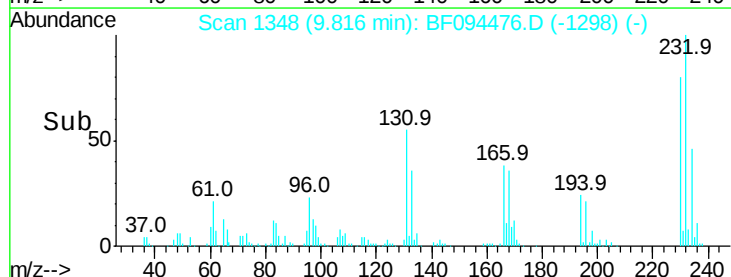


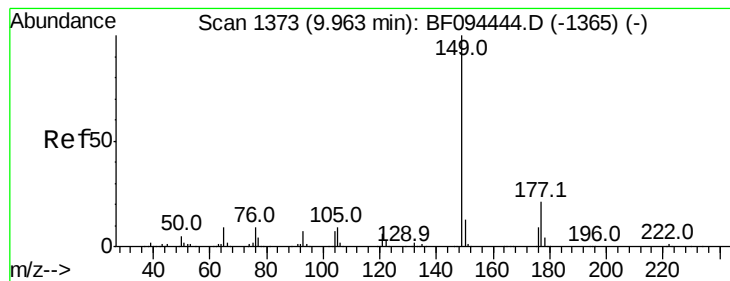
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.28 ng

RT: 9.96 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

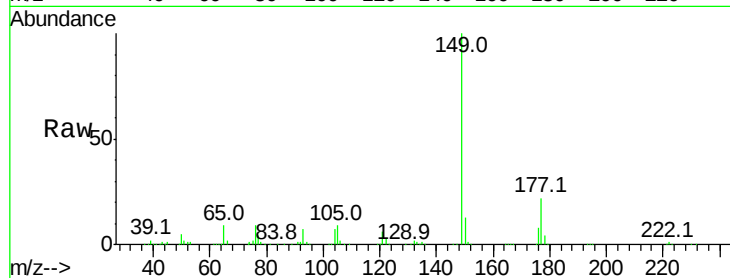
ClientSampleId :

SSTDCCC040

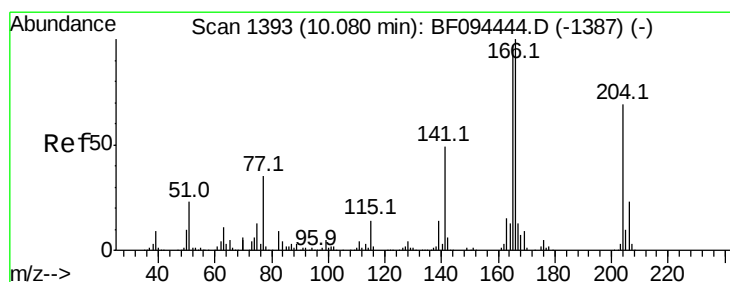
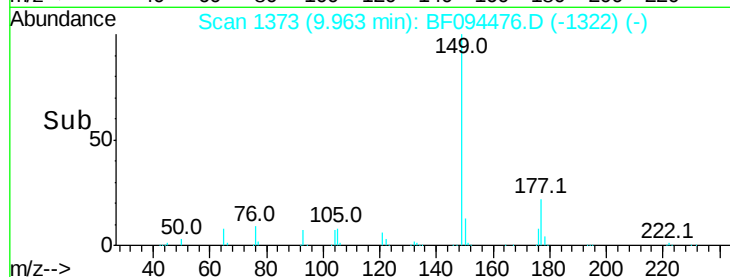
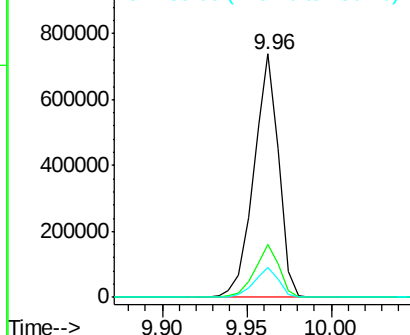
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 755573 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.6  | 16.7  | 25.1   |
| 150       | 12.5  | 10.2  | 15.2   |

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



#60

4-Chlorophenyl-phenylether

Concen: 40.10 ng

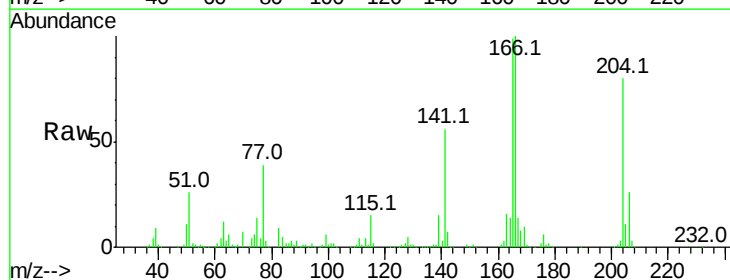
RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

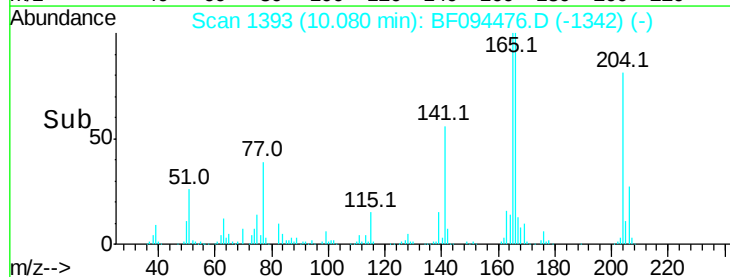
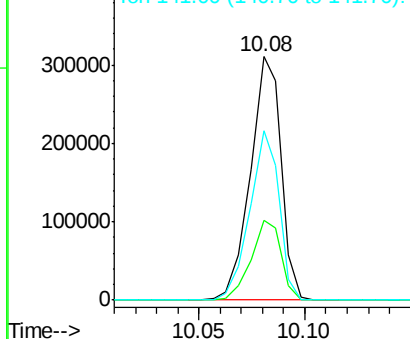
Lab File: BF094476.D

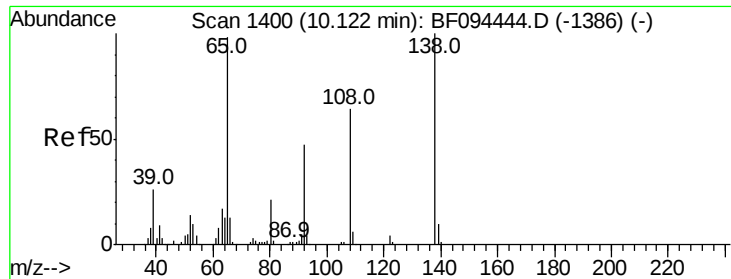
Acq: 18 Apr 2017 4:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 313420 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.9  | 26.2  | 39.2   |
| 141       | 69.4  | 60.8  | 91.2   |



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





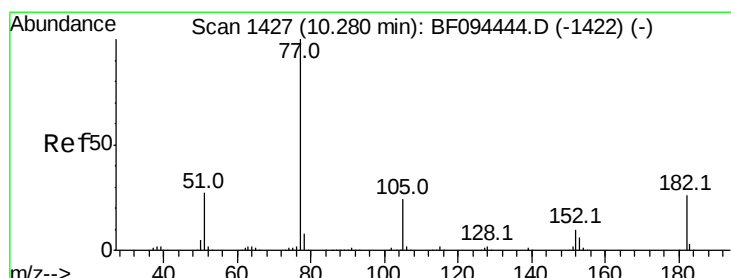
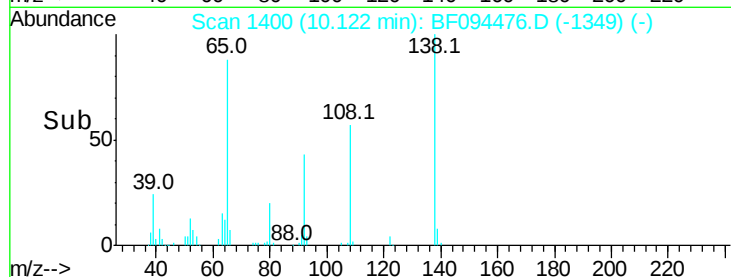
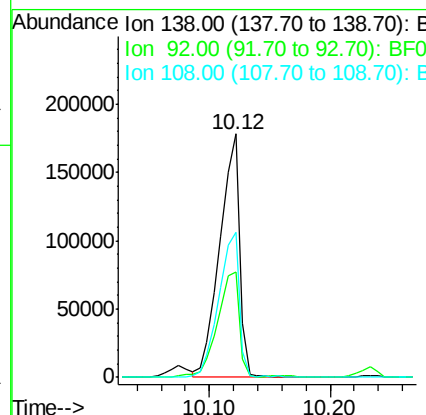
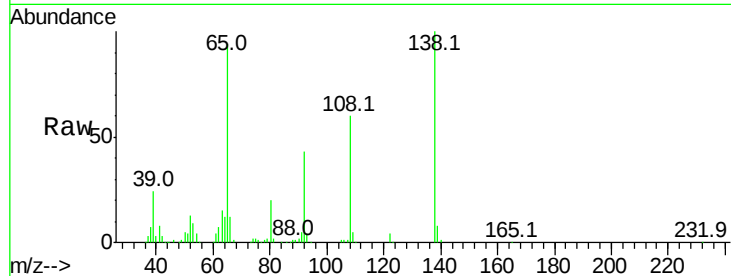
#61  
4-Nitroaniline  
Concen: 37.81 ng  
RT: 10.12 min Scan# 1400  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 43.1  | 21.8  | 61.8  |
| 108     | 59.7  | 42.3  | 82.3  |

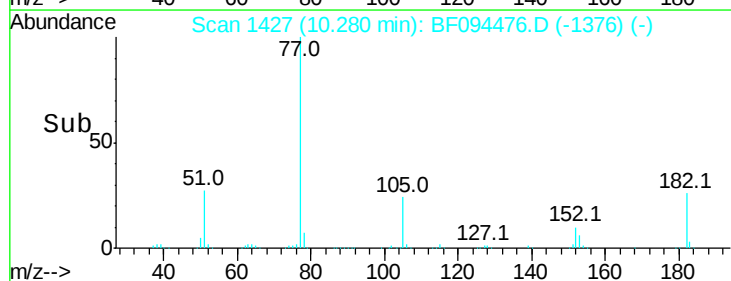
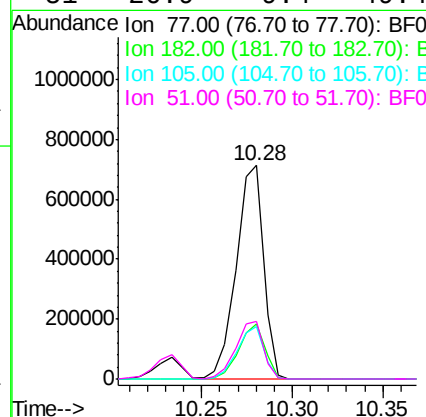
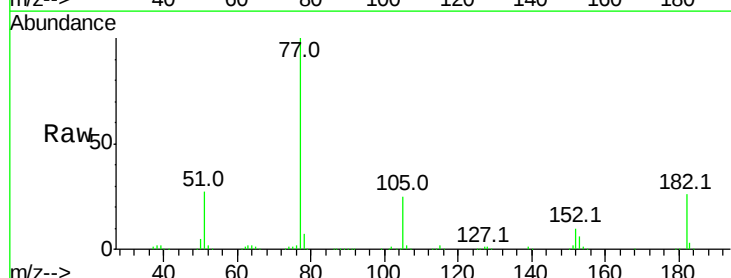
Manual Integrations  
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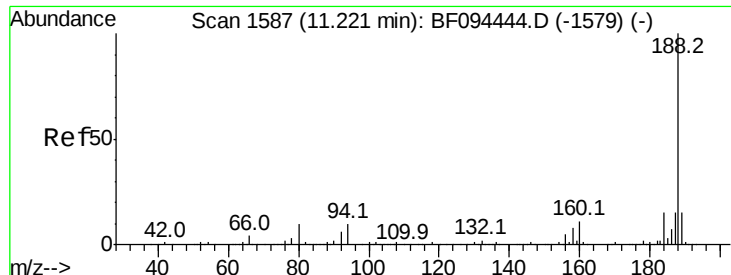
mohammad  
4/18/2017 4:56:05 PM



#62  
Azobenzene  
Concen: 40.23 ng  
RT: 10.28 min Scan# 1427  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 25.7  | 0.1   | 40.1  |
| 105     | 24.6  | 3.6   | 43.6  |
| 51      | 26.9  | 9.4   | 49.4  |





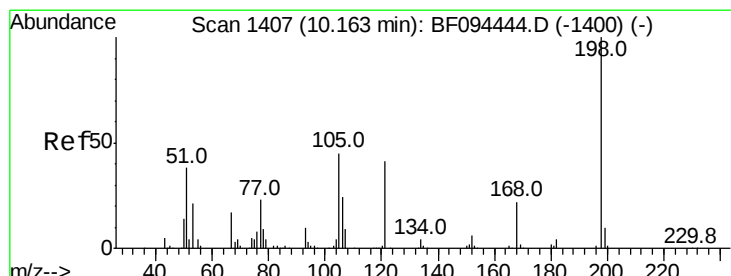
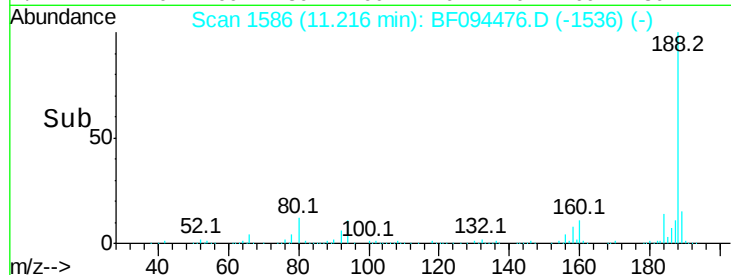
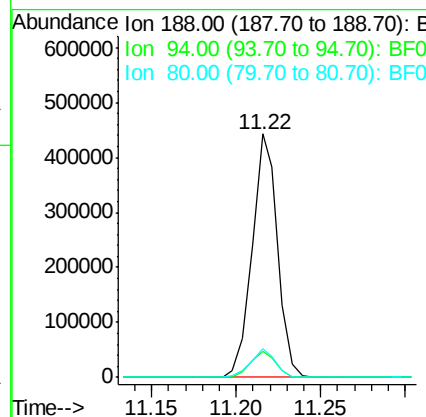
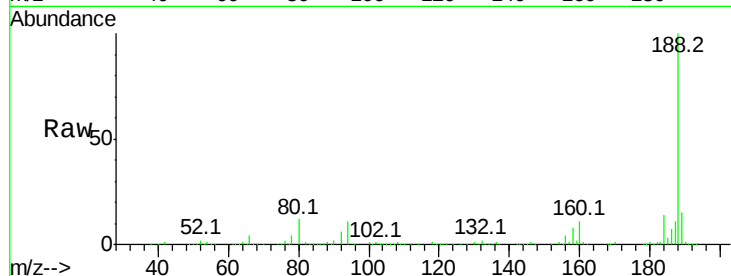
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.22 min Scan# 1586  
 Delta R.T. -0.01 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 462590 |       |       |
| 94      | 10.8  |        | 9.4   | 14.2  |
| 80      | 11.6  |        | 10.2  | 15.2  |

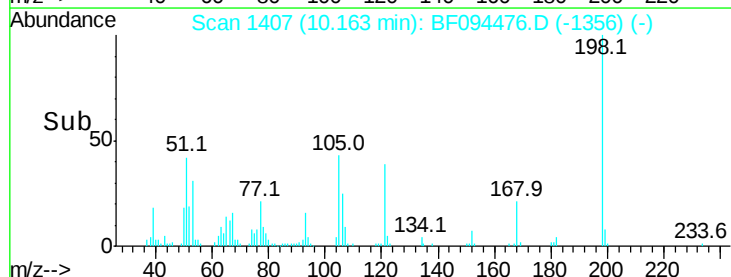
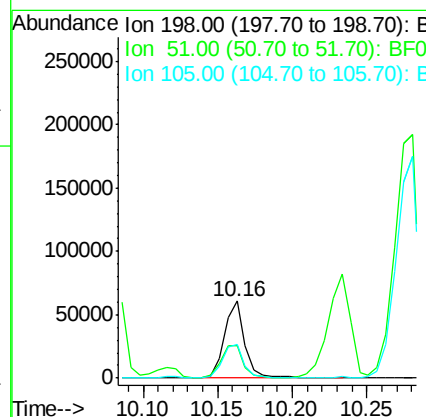
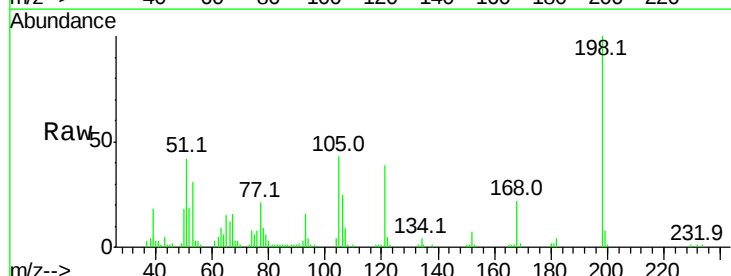
Manual Integrations  
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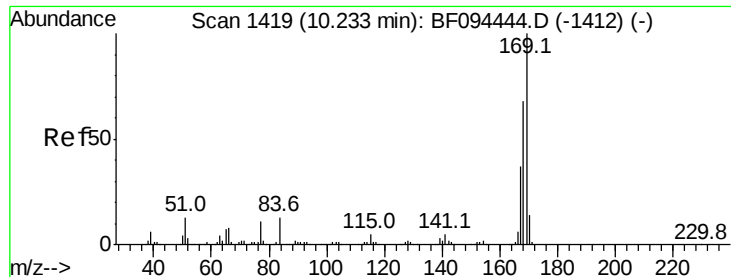
mohammad  
 4/18/2017 4:56:05 PM



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 19.22 ng  
 RT: 10.16 min Scan# 1407  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 58259 |       |       |
| 51      | 41.7  |       | 53.2  | 93.2# |
| 105     | 43.2  |       | 45.8  | 85.8# |





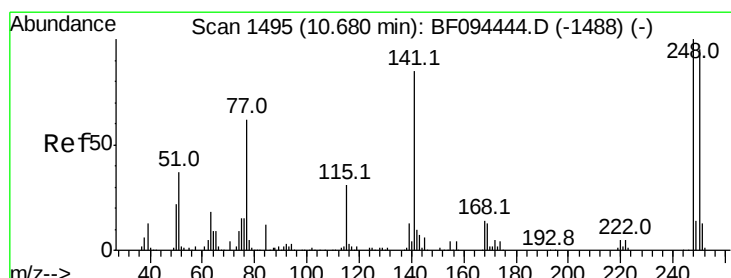
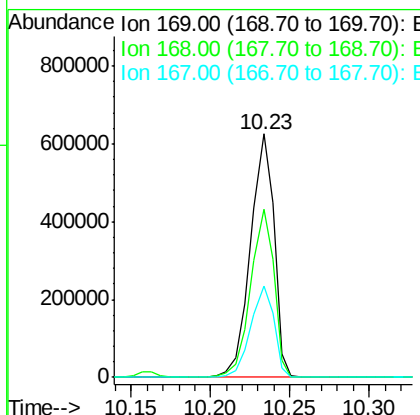
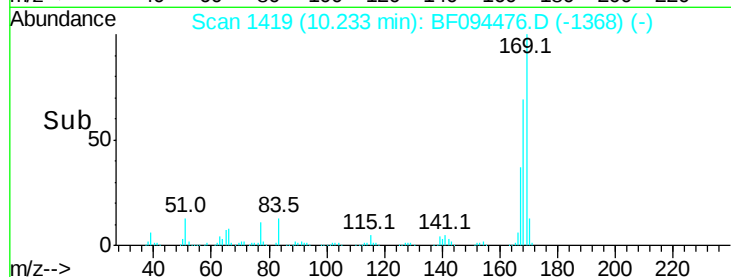
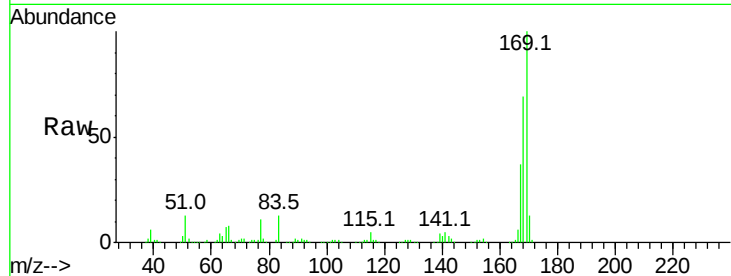
#65  
n-Nitrosodiphenylamine  
Concen: 40.26 ng  
RT: 10.23 min Scan# 1419  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 647728 |       |       |
| 168     | 69.1  | 53.2   | 79.8  |       |
| 167     | 37.4  | 29.5   | 44.3  |       |

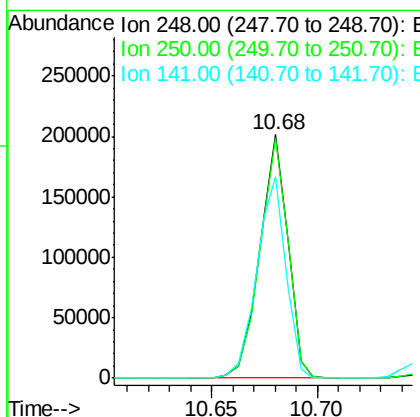
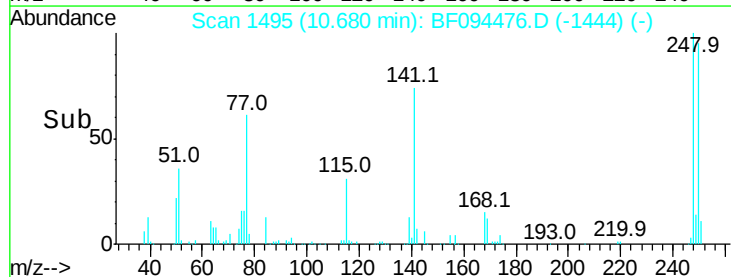
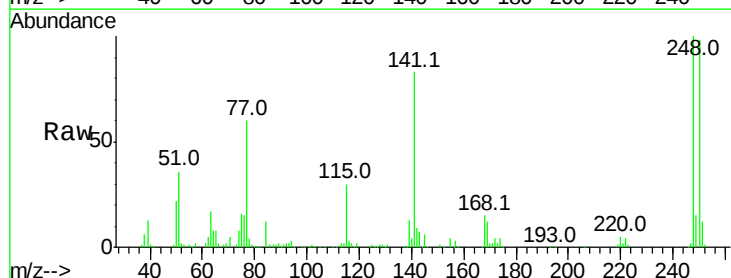
Manual Integrations  
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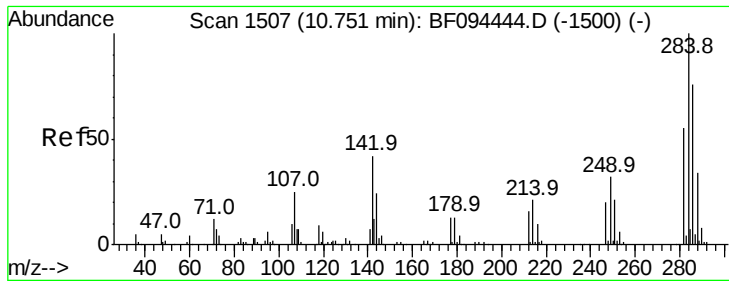
mohammad  
4/18/2017 4:56:05 PM



#66  
4-Bromophenyl-phenylether  
Concen: 40.49 ng  
RT: 10.68 min Scan# 1495  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 185985 |       |       |
| 250     | 98.3  | 76.8   | 115.2 |       |
| 141     | 82.9  | 68.6   | 103.0 |       |





#67

Hexachlorobenzene

Concen: 39.62 ng

RT: 10.75 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:284 Resp: 183395

Ion Ratio Lower Upper

284 100

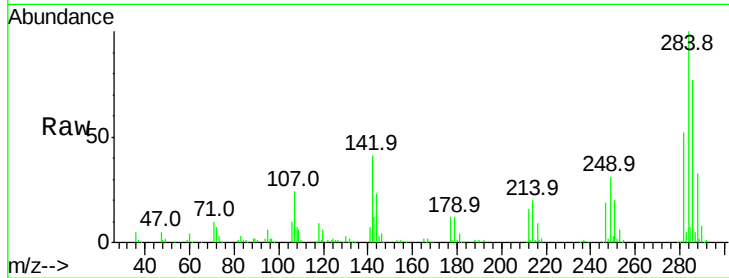
142 40.5 22.8 34.2#

249 31.0 24.0 36.0

Manual Integrations  
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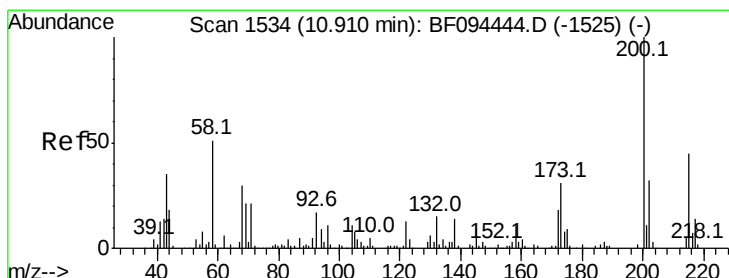
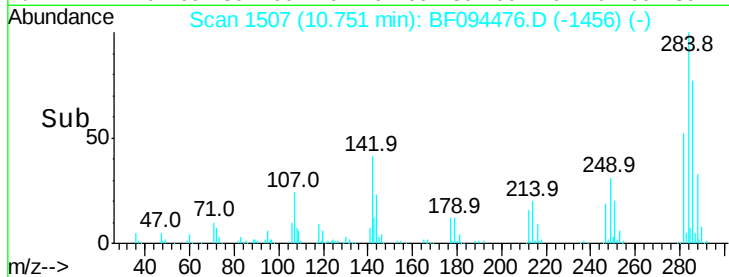
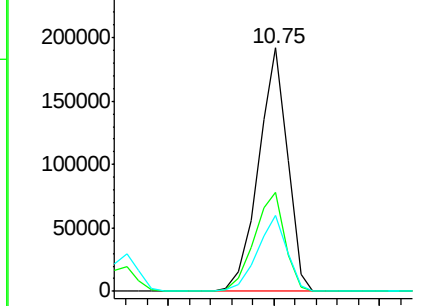
4/18/2017 4:56:05 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.51 ng

RT: 10.91 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

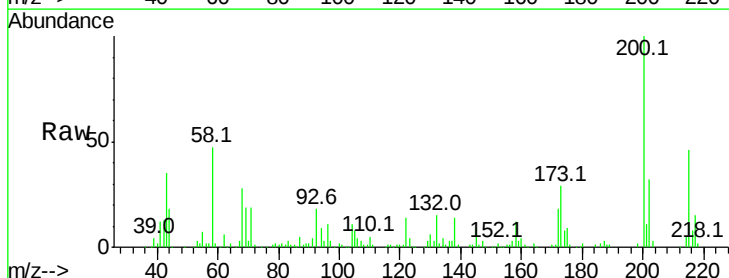
Tgt Ion:200 Resp: 190143

Ion Ratio Lower Upper

200 100

173 29.2 6.3 46.3

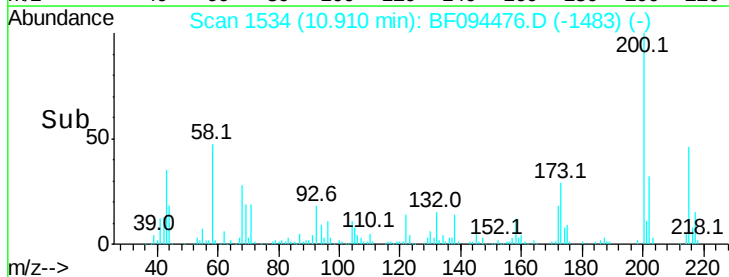
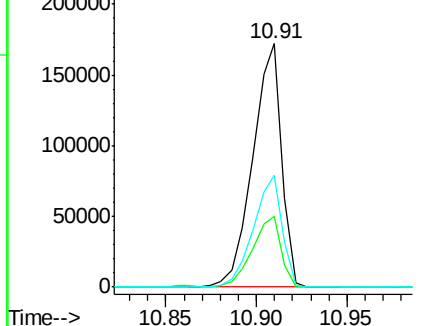
215 45.7 27.2 67.2

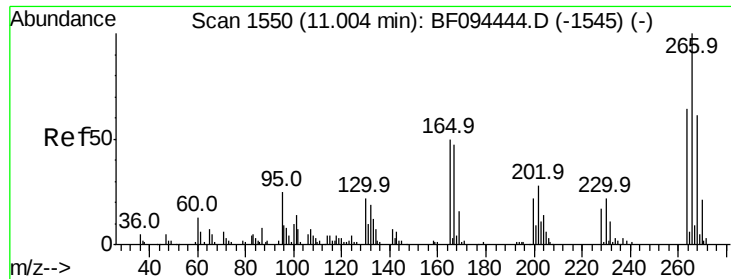


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





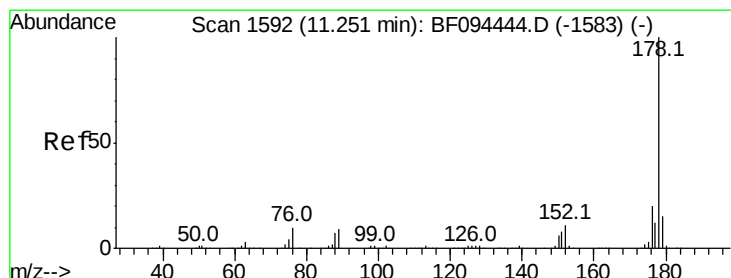
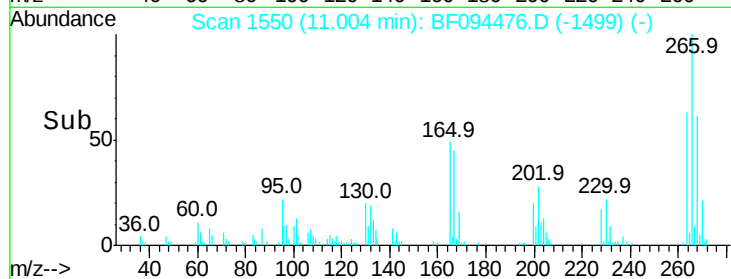
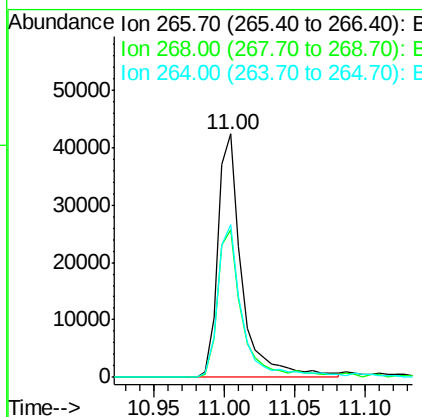
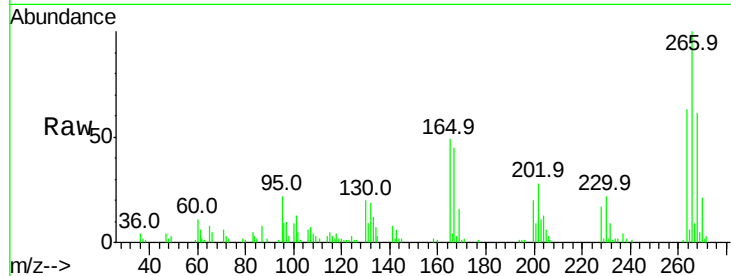
#69  
 Pentachlorophenol  
 Concen: 27.26 ng  
 RT: 11.00 min Scan# 1550  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 50110 |       |       |
| 268     | 60.8  |       | 51.1  | 76.7  |
| 264     | 62.7  |       | 51.7  | 77.5  |

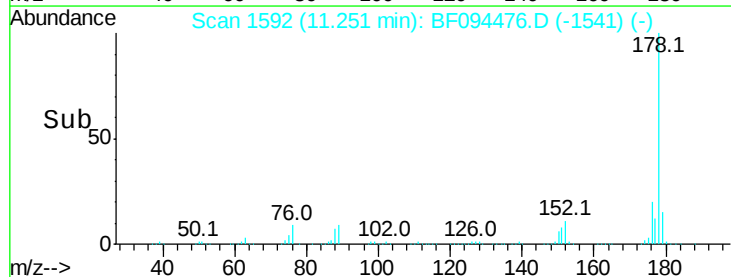
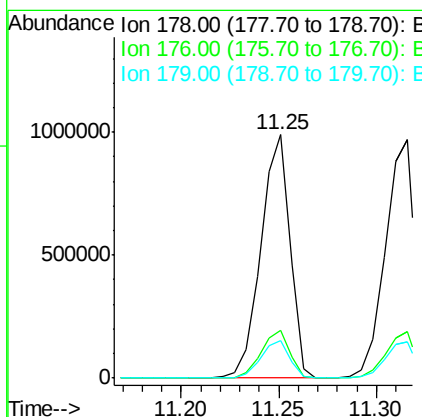
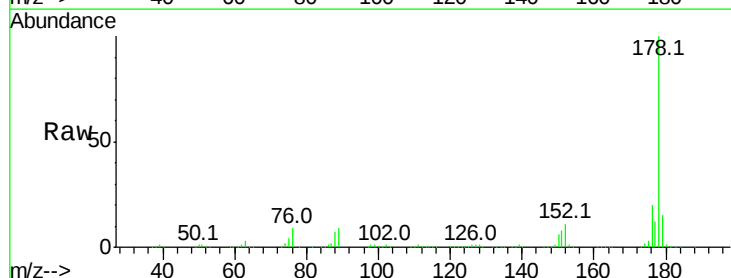
Manual Integrations  
 APPROVED

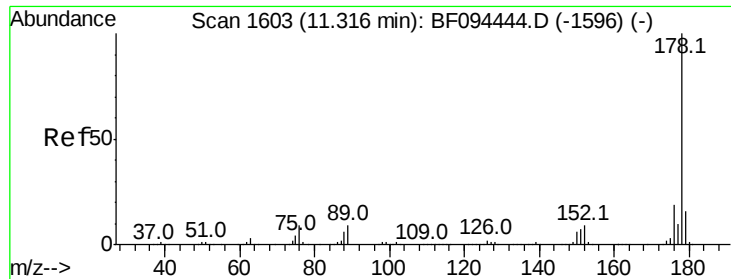
mohammad  
 4/18/2017 4:56:05 PM



#70  
 Phenanthrene  
 Concen: 39.23 ng  
 RT: 11.25 min Scan# 1592  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1021902 |       |       |
| 176     | 19.6  |         | 16.2  | 24.4  |
| 179     | 15.4  |         | 12.6  | 19.0  |





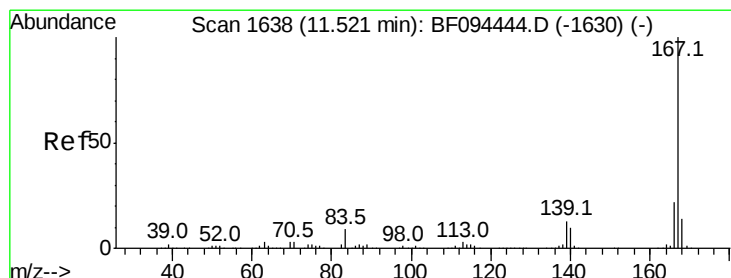
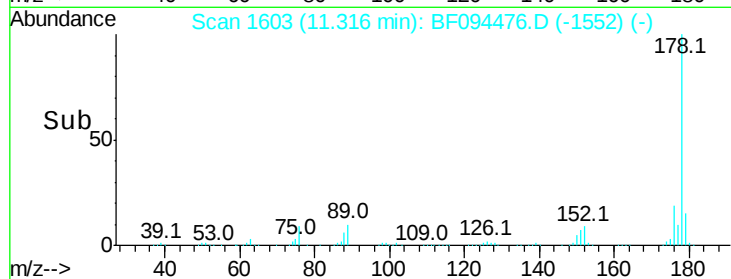
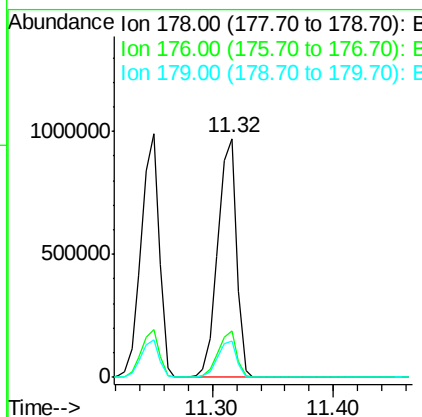
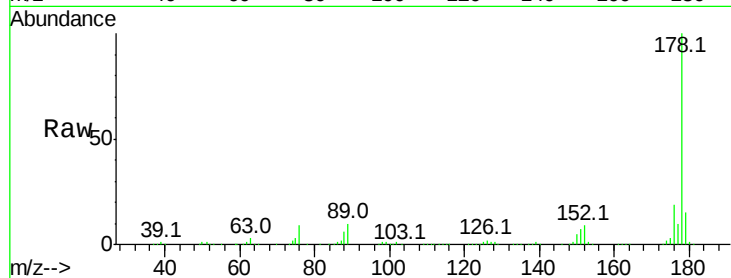
#71  
 Anthracene  
 Concen: 38.32 ng  
 RT: 11.32 min Scan# 1603  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 1032599  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 15.8 23.8  
 179 15.4 12.7 19.1

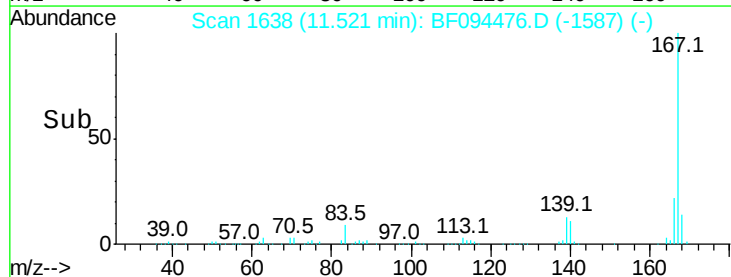
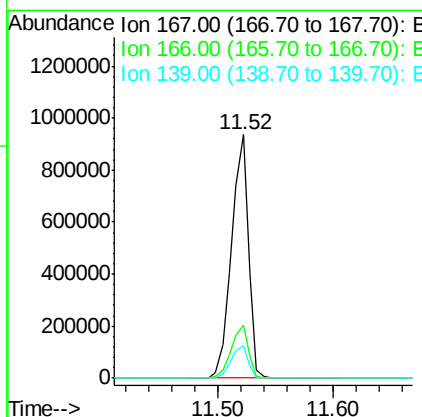
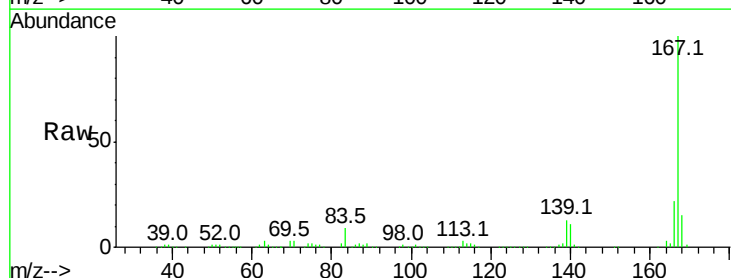
Manual Integrations  
 APPROVED

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 4/18/2017 4:56:05 PM



#72  
 Carbazole  
 Concen: 37.50 ng  
 RT: 11.52 min Scan# 1638  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Tgt Ion:167 Resp: 948377  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 18.1 27.1  
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.29 ng

RT: 11.97 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1121876

Ion Ratio Lower Upper

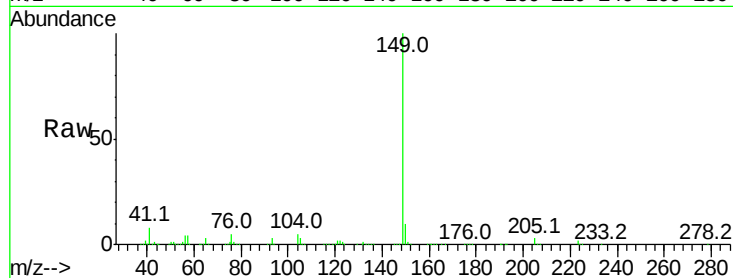
149 100

150 9.5 7.7 11.5

104 4.6 4.0 6.0

Manual Integrations  
APPROVED

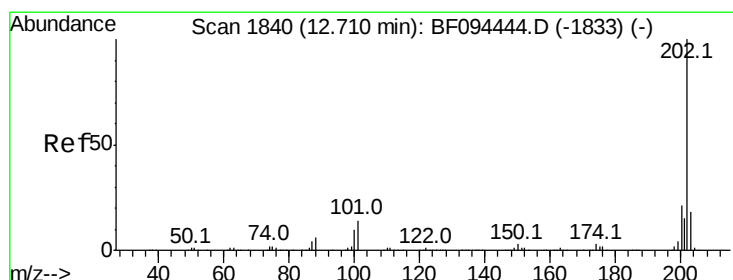
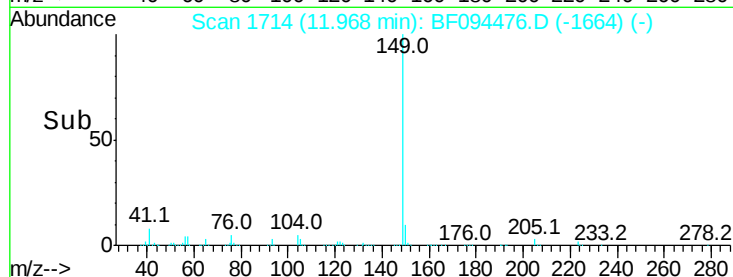
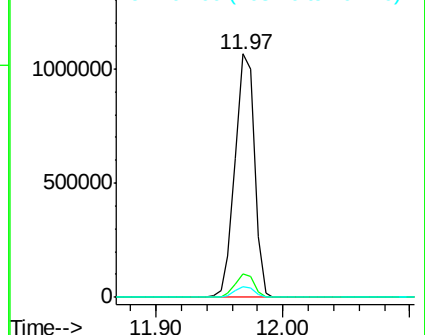
mohammad  
4/18/2017 4:56:05 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.48 ng

RT: 12.71 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

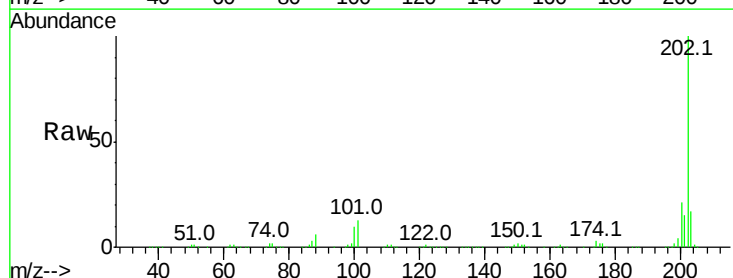
Tgt Ion:202 Resp: 957874

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

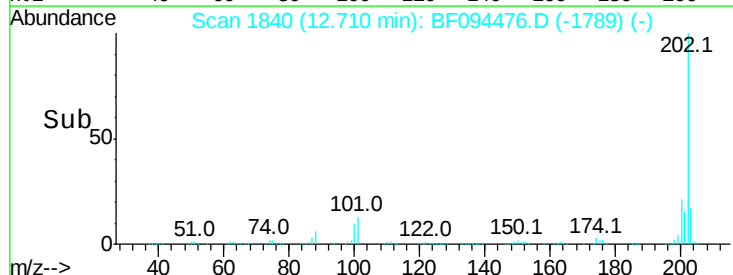
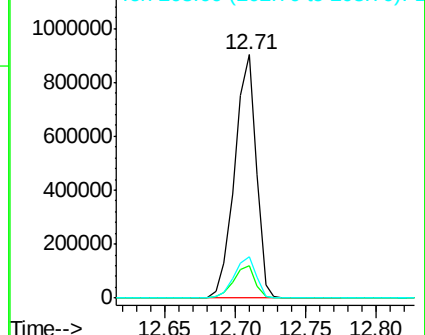
203 17.2 0.0 38.1

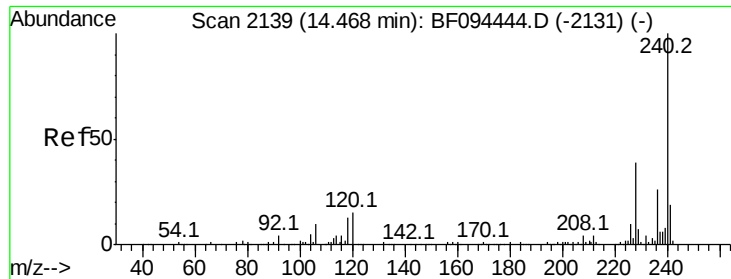


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

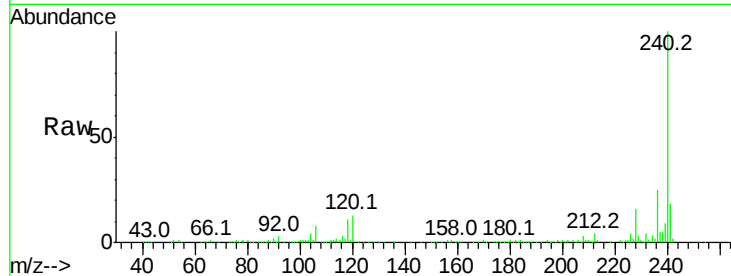
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.9  | 5.8   | 8.8#  |
| 236     | 25.3  | 20.5  | 30.7  |

Manual Integrations  
APPROVED

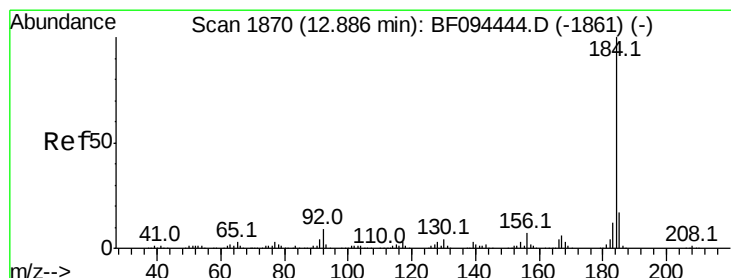
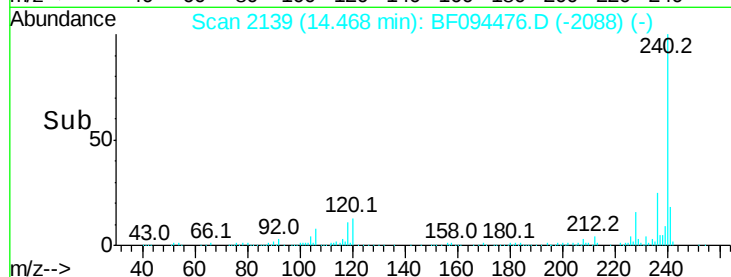
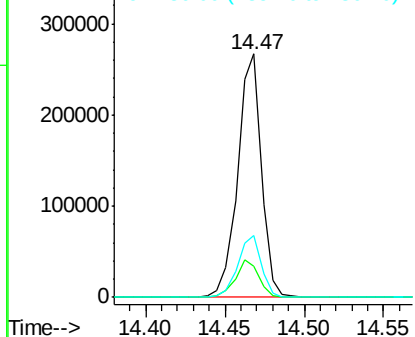
mohammad  
4/18/2017 4:56:05 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.78 ng

RT: 12.88 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF094476.D

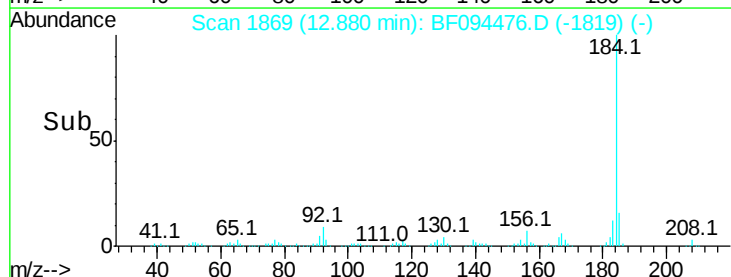
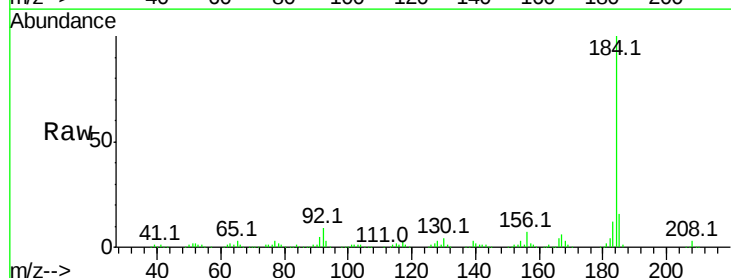
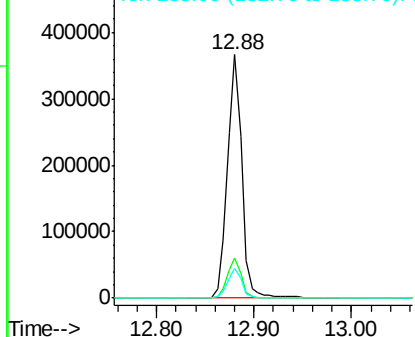
Acq: 18 Apr 2017 4:56

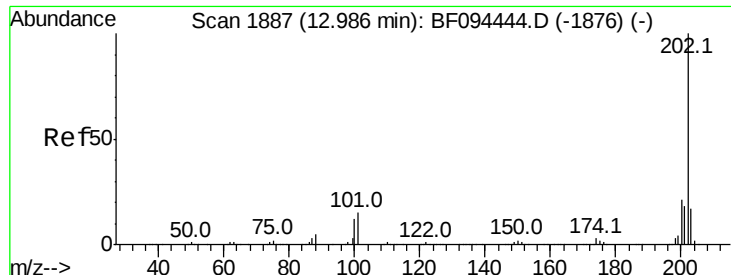
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.4  | 15.5  | 23.3  |
| 183     | 12.2  | 9.8   | 14.6  |

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





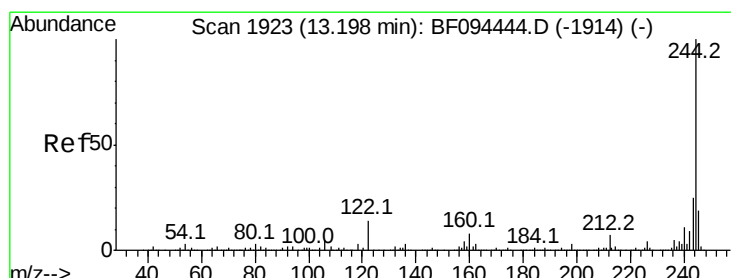
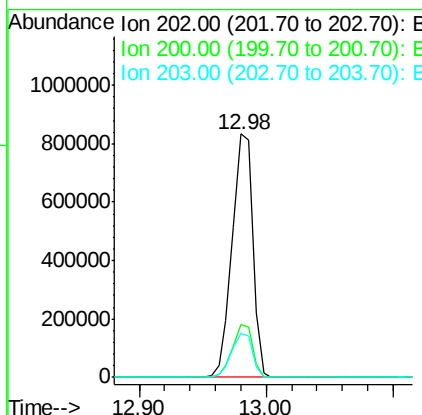
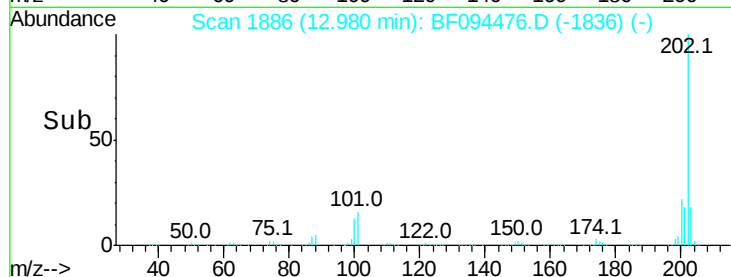
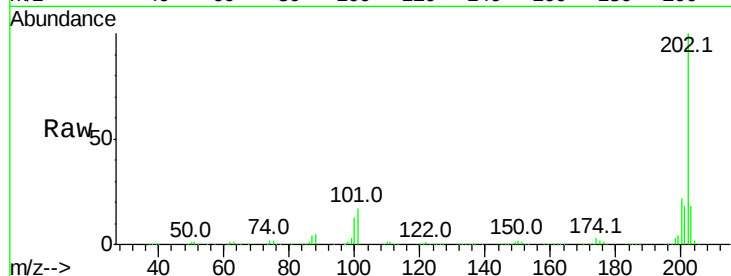
#77  
Pvrene  
Concen: 48.48 ng  
RT: 12.98 min Scan# 1886  
Delta R.T. -0.01 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 21.6  |      | 17.6  | 26.4  |
| 203     | 18.1  |      | 14.4  | 21.6  |

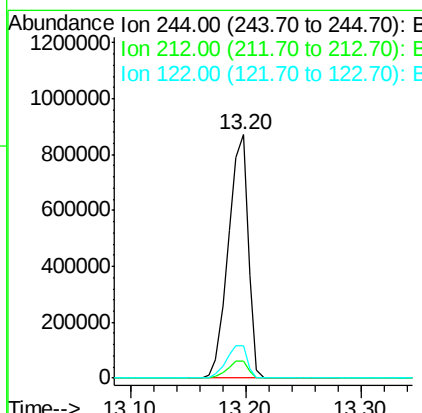
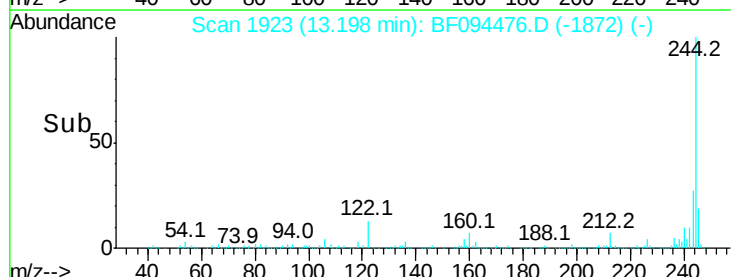
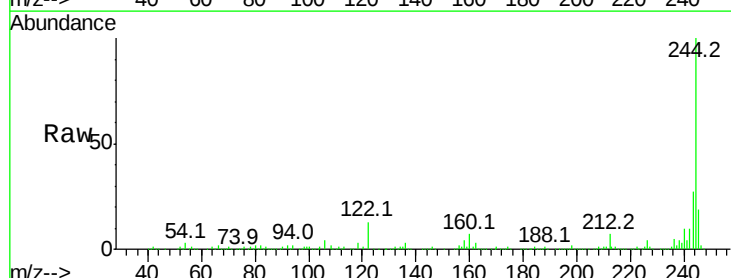
Manual Integrations  
APPROVED

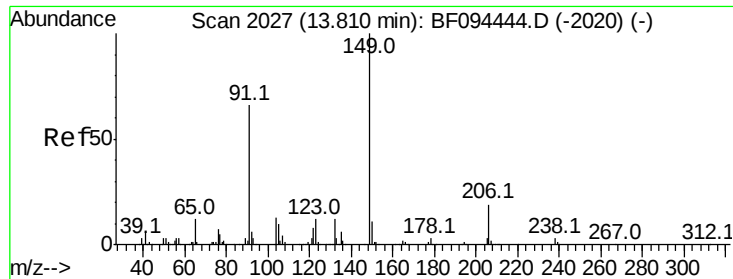
mohammad  
4/18/2017 4:56:05 PM



#78  
Terphenyl-d14  
Concen: 100.26 ng  
RT: 13.20 min Scan# 1923  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 244     | 100   |      |       |       |
| 212     | 7.1   |      | 6.0   | 9.0   |
| 122     | 13.2  |      | 10.3  | 15.5  |





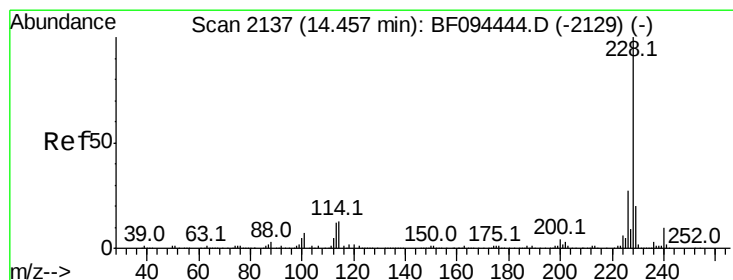
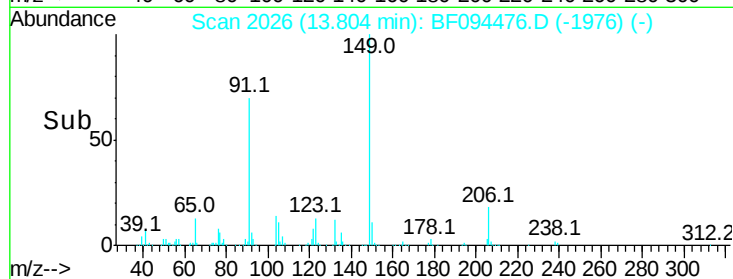
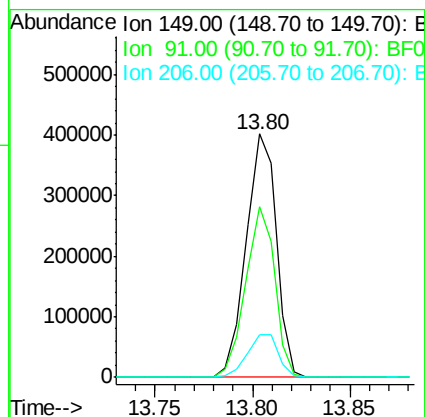
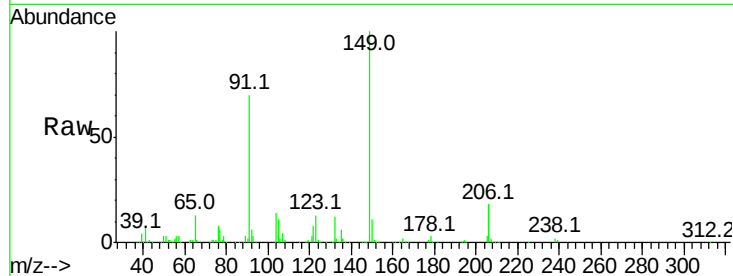
#79  
Butylbenzylphthalate  
Concen: 51.14 ng  
RT: 13.80 min Scan# 2026  
Delta R.T. -0.01 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 70.1  | 45.0  | 67.4# |
| 206     | 17.7  | 17.0  | 25.6  |

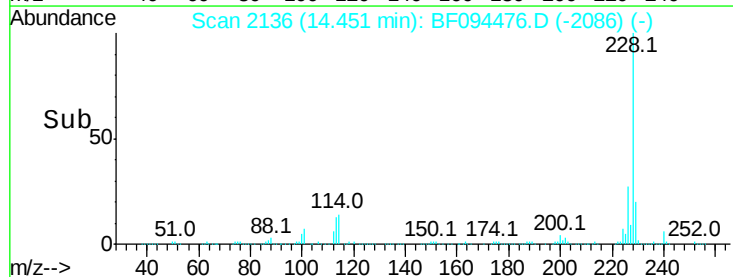
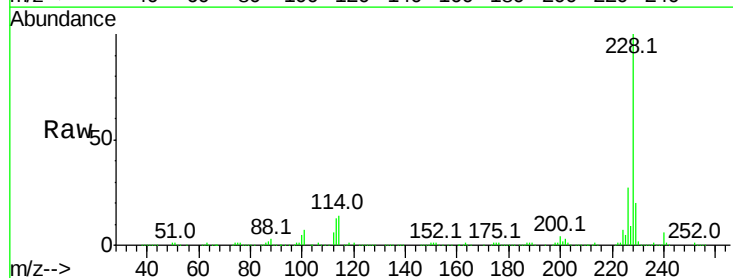
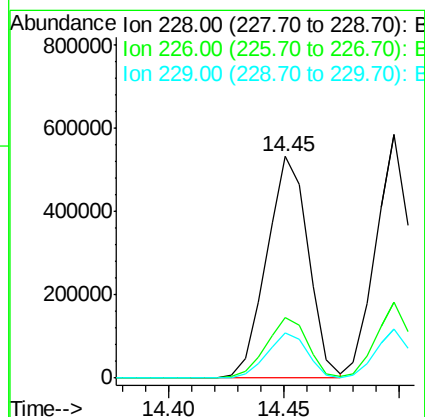
Manual Integrations  
APPROVED

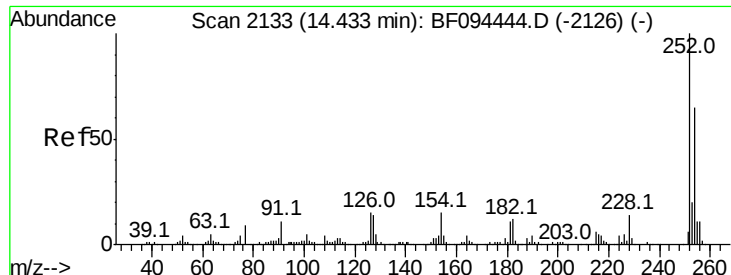
mohammad  
4/18/2017 4:56:05 PM



#80  
Benzo(a)anthracene  
Concen: 41.32 ng  
RT: 14.45 min Scan# 2136  
Delta R.T. -0.01 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.5  | 22.6  | 33.8  |
| 229     | 20.3  | 16.3  | 24.5  |





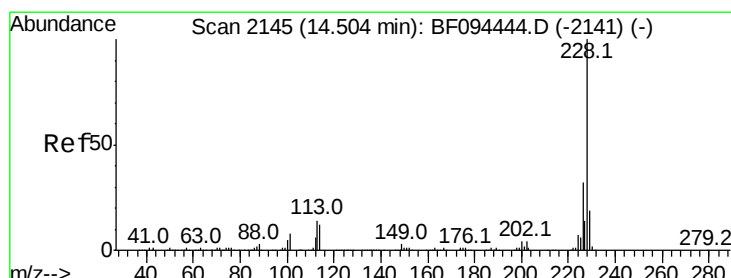
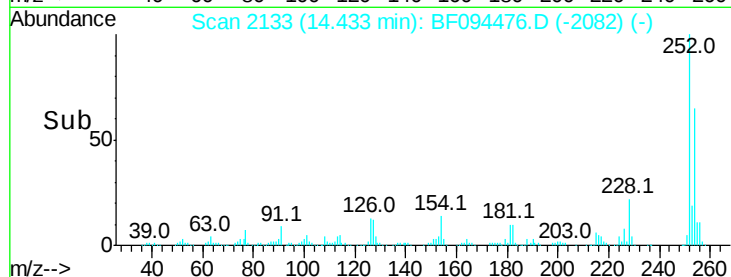
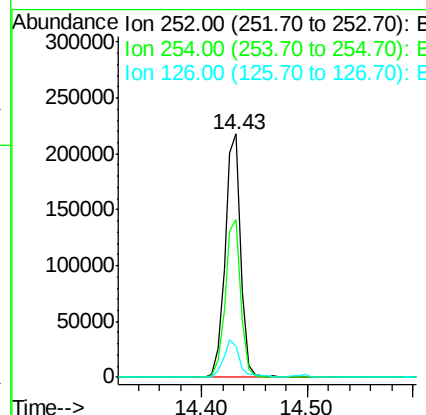
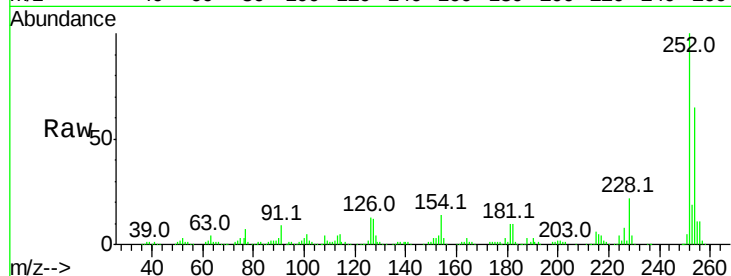
#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.75 ng  
 RT: 14.43 min Scan# 2133  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 64.6  | 51.5       | 77.3  |
| 126     | 12.8  | 15.8       | 23.8  |

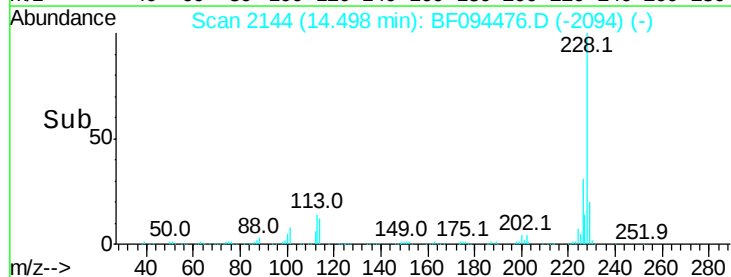
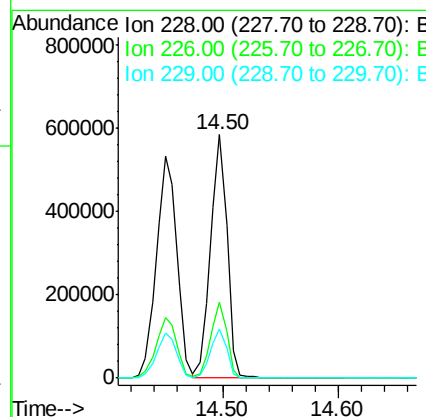
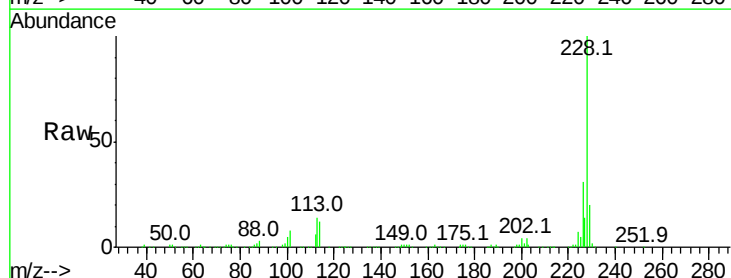
Manual Integrations  
 APPROVED

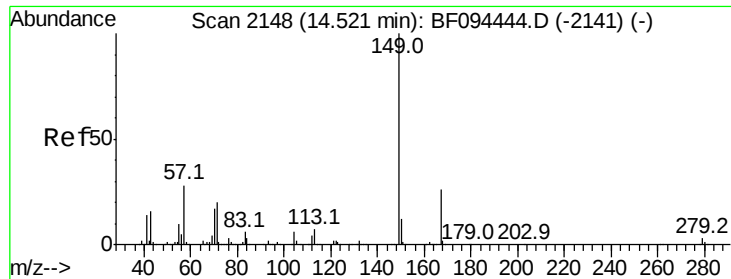
mohammad  
 4/18/2017 4:56:05 PM



#82  
 Chrysene  
 Concen: 39.96 ng  
 RT: 14.50 min Scan# 2144  
 Delta R.T. -0.01 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.3  | 24.9       | 37.3  |
| 229     | 19.9  | 15.8       | 23.6  |





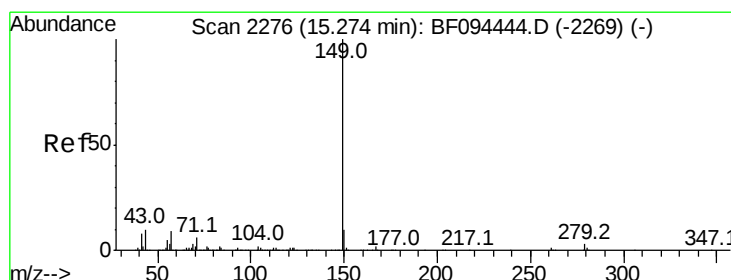
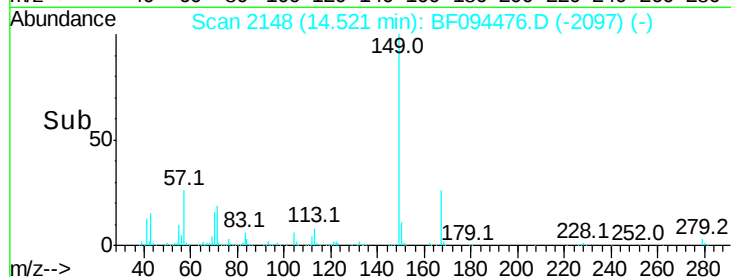
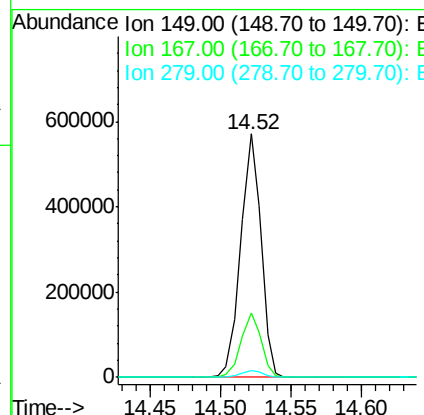
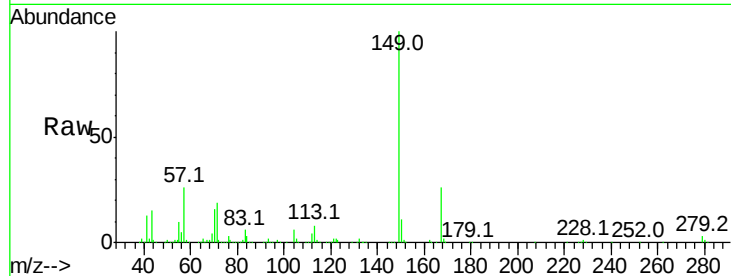
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.52 ng  
 RT: 14.52 min Scan# 2148  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 573289 |       |       |
| 167     | 26.3  |        | 21.0  | 31.4  |
| 279     | 2.9   |        | 1.9   | 2.9   |

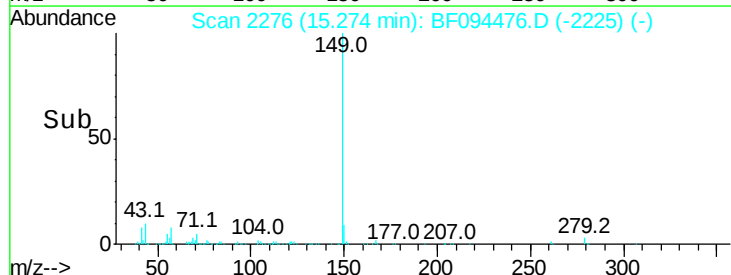
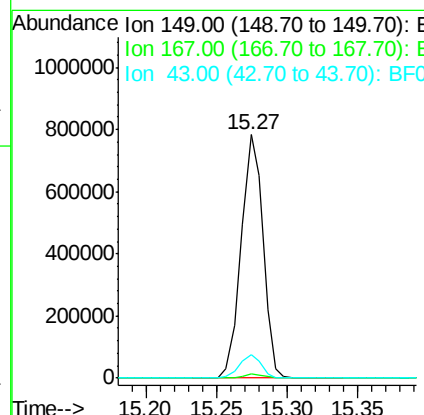
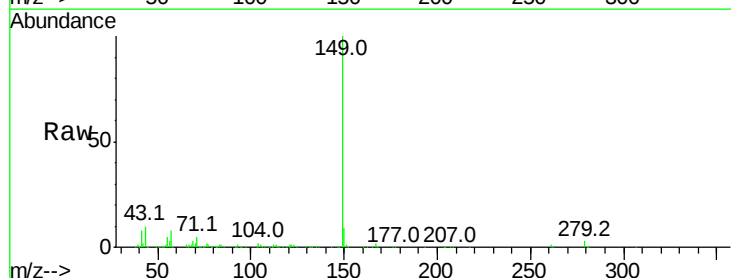
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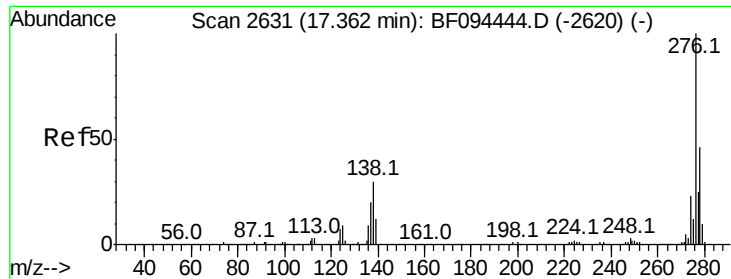
mohammad  
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#84  
 Di-n-octyl phthalate  
 Concen: 44.49 ng  
 RT: 15.27 min Scan# 2276  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 846770 |       |       |
| 167     | 1.5   |        | 1.2   | 1.8   |
| 43      | 9.3   |        | 8.5   | 12.7  |





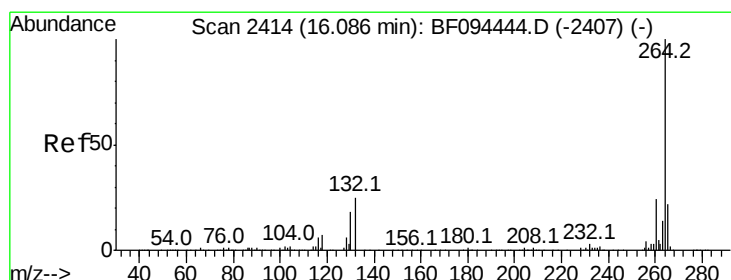
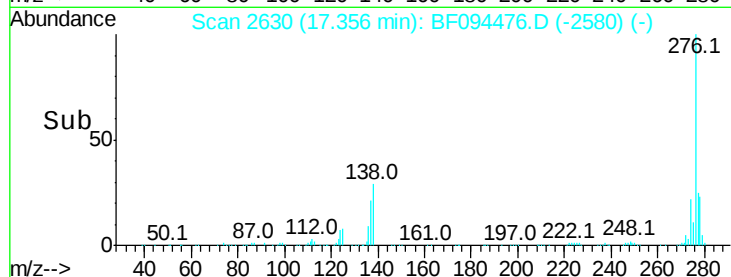
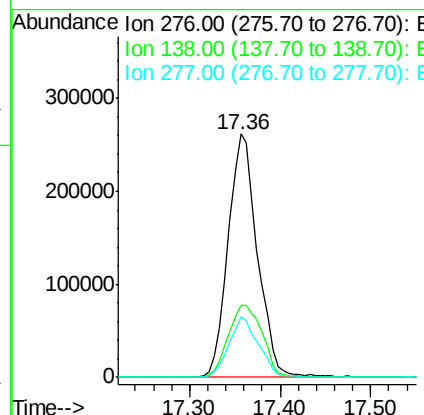
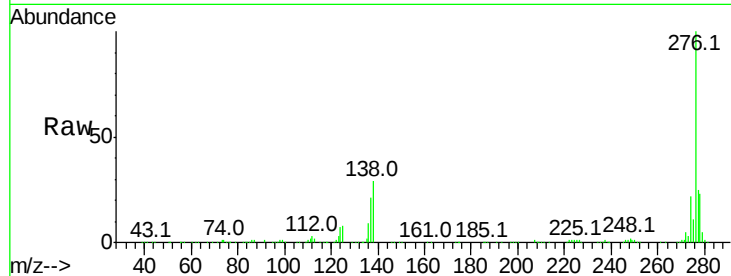
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 42.17 ng  
RT: 17.36 min Scan# 2630  
Delta R.T. -0.01 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 276     | 100   |      |       |       |
| 138     | 34.7  | 27.8 | 41.6  |       |
| 277     | 25.1  | 20.2 | 30.4  |       |

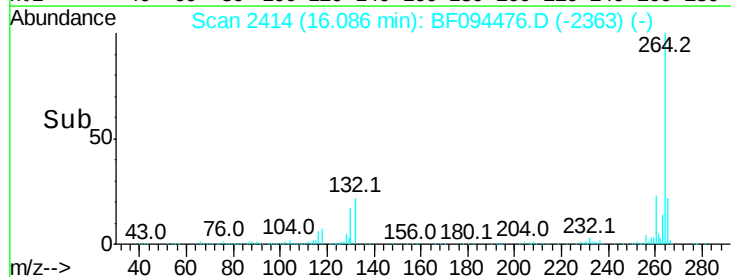
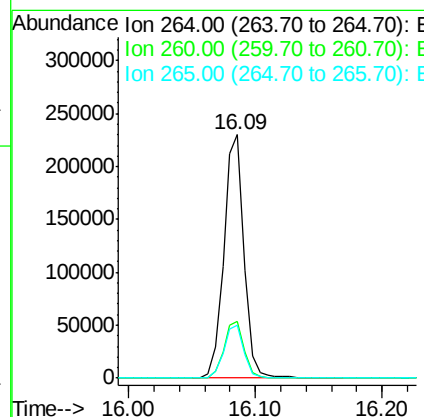
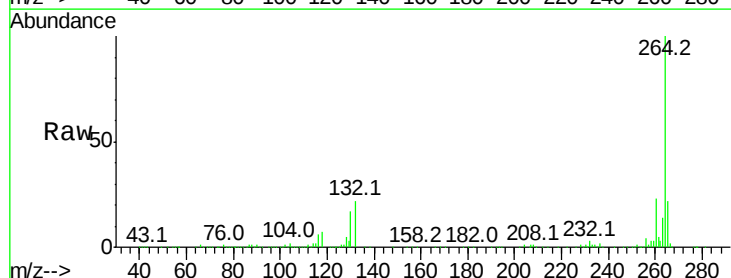
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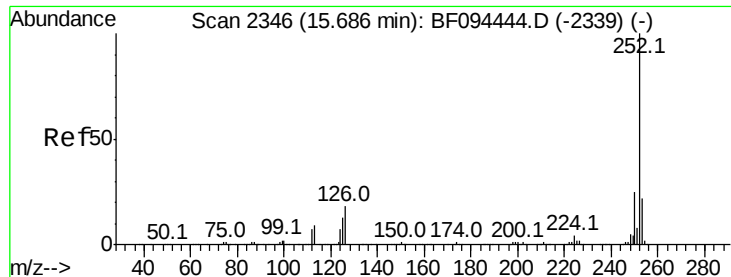
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 16.09 min Scan# 2414  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 264     | 100   |      |       |       |
| 260     | 23.2  | 19.5 | 29.3  |       |
| 265     | 21.8  | 17.2 | 25.8  |       |





#87

Benzo(b)fluoranthene

Concen: 38.40 ng

RT: 15.69 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

Instrument :

BNA\_F

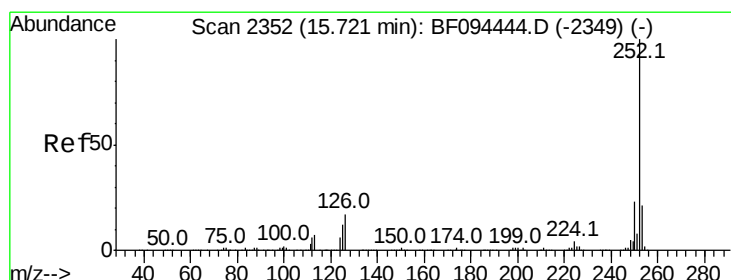
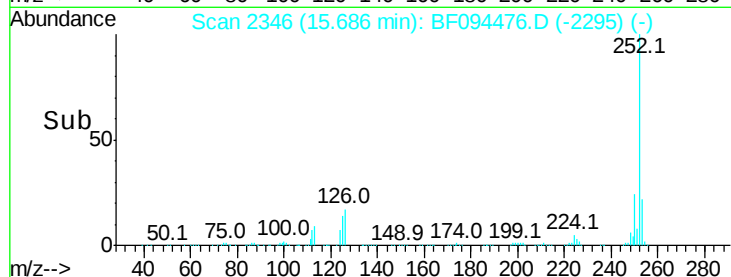
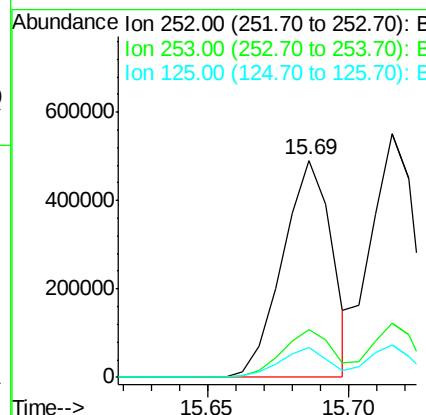
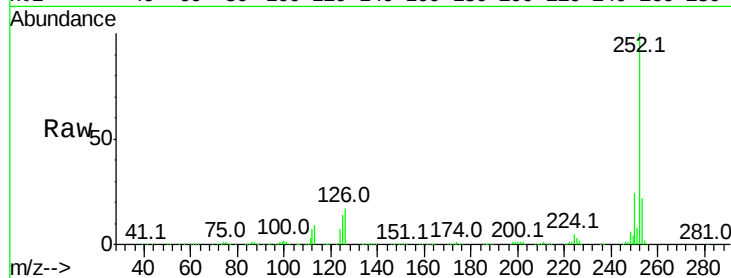
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 596639 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 18.1  | 27.1   |
| 125       | 13.7  | 9.8   | 14.8   |

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#88

Benzo(k)fluoranthene

Concen: 40.93 ng

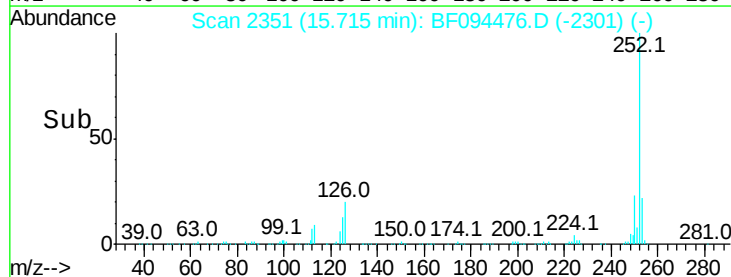
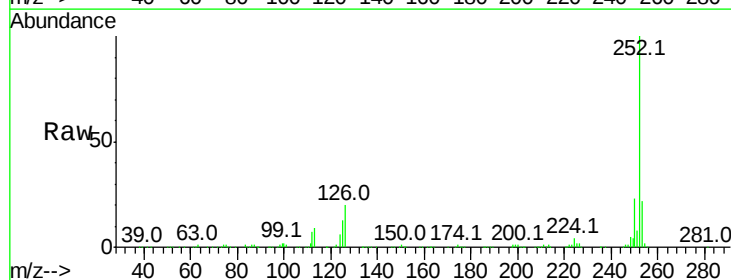
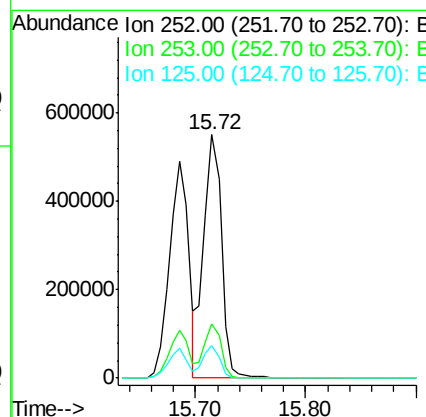
RT: 15.72 min Scan# 2351

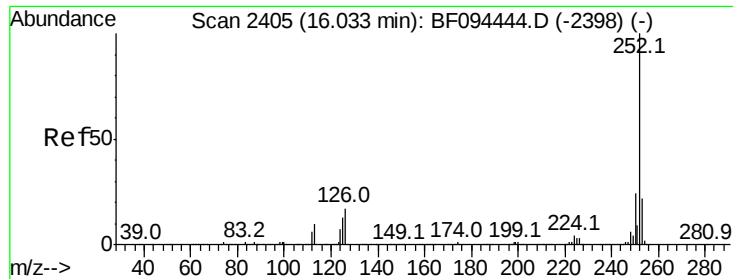
Delta R.T. -0.01 min

Lab File: BF094476.D

Acq: 18 Apr 2017 4:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 601885 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 18.4  | 27.6   |
| 125       | 13.3  | 13.1  | 19.7   |





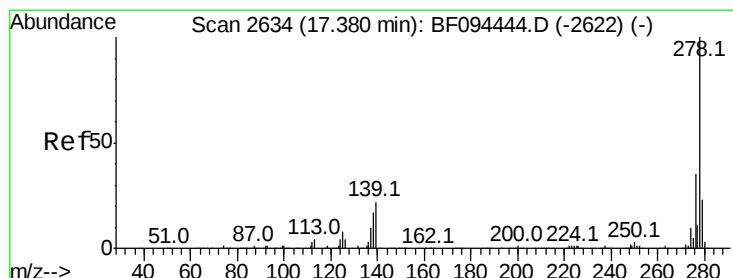
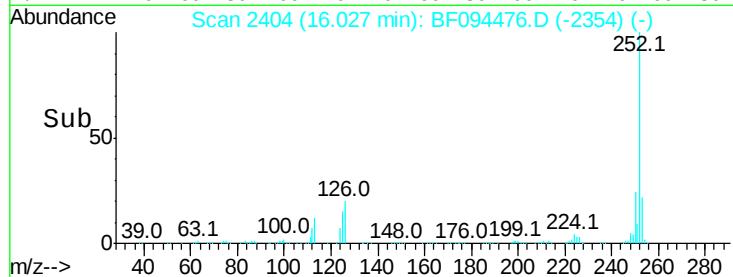
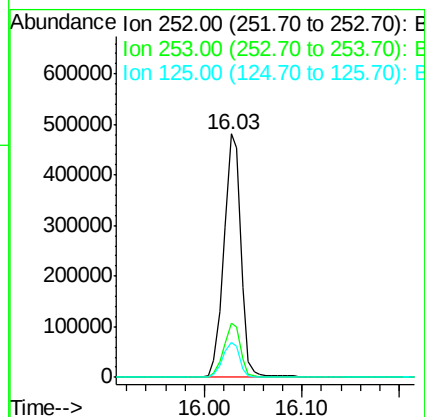
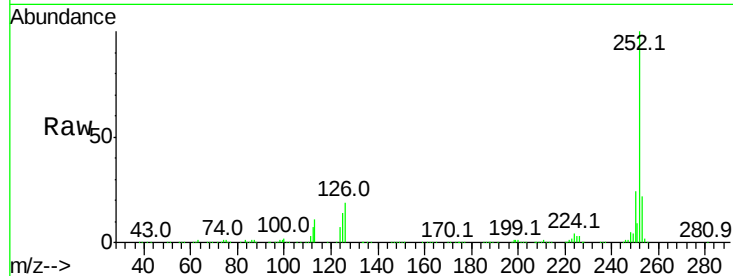
#89  
Benzo(a)pyrene  
Concen: 40.46 ng  
RT: 16.03 min Scan# 2404  
Delta R.T. -0.01 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 584909 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 17.5  | 26.3   |
| 125       | 14.3  | 11.0  | 16.4   |

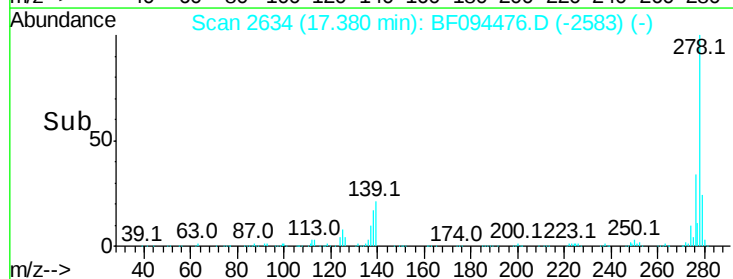
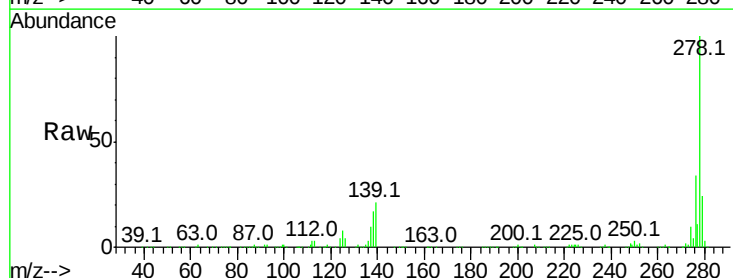
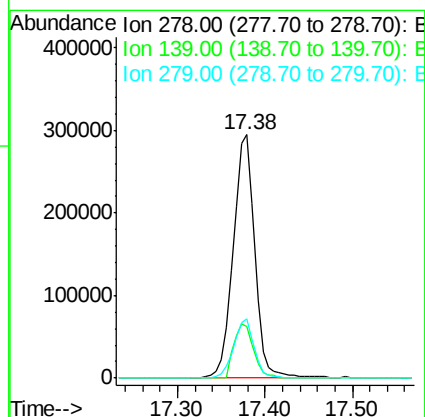
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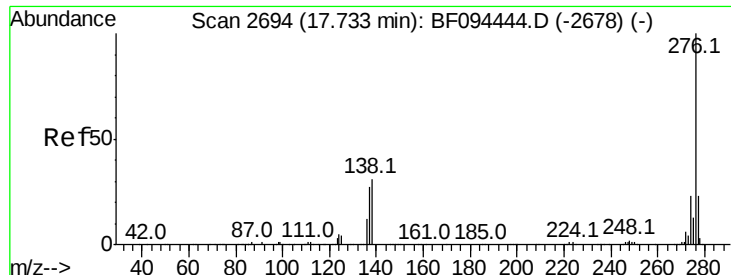
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.31 ng  
RT: 17.38 min Scan# 2634  
Delta R.T. 0.00 min  
Lab File: BF094476.D  
Acq: 18 Apr 2017 4:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 495873 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 21.0  | 16.6  | 24.8   |
| 279       | 24.3  | 19.3  | 28.9   |





#91  
 Benzo(a,h,i)perylene  
 Concen: 39.24 ng  
 RT: 17.73 min Scan# 2694  
 Delta R.T. 0.00 min  
 Lab File: BF094476.D  
 Acq: 18 Apr 2017 4:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.8  | 18.6  | 28.0  |
| 138     | 27.8  | 25.4  | 38.0  |

Manual Integrations  
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