

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\  
 Data File : BF096343.D  
 Acq On : 30 Jun 2017 18:25  
 Operator : SJ/MA  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 7/3/2017 11:36:58 AM

Quant Time: Jun 30 23:27:45 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 28 15:41:49 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.76  | 152  | 175242   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.05  | 136  | 757231   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.80  | 164  | 324187   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.27 | 188  | 542709   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.91 | 240  | 390839   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.33 | 264  | 326489   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.37  | 112  | 967476   | 79.54  | ng    | 0.00     |
| 7) Phenol-d6                | 6.40  | 99   | 1204174  | 81.76  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 973516   | 89.00  | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 10.59 | 330  | 279284   | 109.47 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.12  | 172  | 1511609  | 85.39  | ng    | -0.03    |
| 78) Terphenyl-d14           | 12.86 | 244  | 1204295  | 76.89  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.46 | 88   | 229933   | 39.63 | ng    | # 80   |
| 3) Pyridine                    | 3.17 | 79   | 652526   | 41.00 | ng    | # 72   |
| 4) n-Nitrosodimethylamine      | 3.12 | 42   | 315513   | 40.08 | ng    | # 91   |
| 6) Aniline                     | 6.42 | 93   | 804468   | 39.62 | ng    | 97     |
| 8) 2-Chlorophenol              | 6.55 | 128  | 489777   | 41.04 | ng    | 98     |
| 9) Benzaldehyde                | 6.30 | 77   | 361146   | 40.55 | ng    | 96     |
| 10) Phenol                     | 6.41 | 94   | 649676   | 40.12 | ng    | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.50 | 93   | 522809   | 39.46 | ng    | 92     |
| 12) 1,3-Dichlorobenzene        | 6.70 | 146  | 527270   | 40.08 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 6.78 | 146  | 531496   | 40.25 | ng    | 96     |
| 14) 1,2-Dichlorobenzene        | 6.93 | 146  | 483064   | 40.16 | ng    | 98     |
| 15) Benzyl Alcohol             | 6.90 | 79   | 413442   | 41.60 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.05 | 45   | 1081118  | 38.63 | ng    | 92     |
| 17) 2-Methylphenol             | 7.02 | 107  | 420521   | 40.63 | ng    | 96     |
| 18) Hexachloroethane           | 7.28 | 117  | 192147   | 40.35 | ng    | # 85   |
| 19) n-Nitroso-di-n-propylamine | 7.18 | 70   | 348789   | 39.53 | ng    | # 84   |
| 20) 3+4-Methylphenols          | 7.17 | 107  | 472225   | 40.00 | ng    | 98     |
| 22) Acetophenone               | 7.17 | 105  | 618037   | 39.27 | ng    | # 90   |
| 24) Nitrobenzene               | 7.35 | 77   | 532575   | 43.97 | ng    | 92     |
| 25) Isophorone                 | 7.59 | 82   | 969263   | 39.02 | ng    | 98     |
| 26) 2-Nitrophenol              | 7.66 | 139  | 275268   | 49.22 | ng    | # 92   |
| 27) 2,4-Dimethylphenol         | 7.70 | 122  | 443018   | 39.47 | ng    | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.80 | 93   | 647152   | 38.46 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 7.90 | 162  | 402152   | 42.01 | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.99 | 180  | 378707   | 39.86 | ng    | 98     |
| 31) Naphthalene                | 8.07 | 128  | 1436705  | 39.37 | ng    | 100    |
| 32) Benzoic acid               | 7.83 | 122  | 316858   | 41.38 | ng    | 94     |
| 33) 4-Chloroaniline            | 8.11 | 127  | 610005   | 40.38 | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.19 | 225  | 187907   | 39.87 | ng    | 97     |
| 35) Caprolactam                | 8.49 | 113  | 140083   | 42.34 | ng    | # 57   |
| 36) 4-Chloro-3-methylphenol    | 8.60 | 107  | 421264   | 40.44 | ng    | 89     |
| 37) 2-Methylnaphthalene        | 8.76 | 142  | 931613   | 39.30 | ng    | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.93 | 216  | 318871   | 40.63 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 8.92 | 237  | 162486   | 46.19 | ng    | 94     |

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Manual Integrations  
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 28 15:41:49 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.03  | 196  | 249262   | 42.14 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.07  | 196  | 270567   | 43.39 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.22  | 154  | 1017471  | 40.91 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 9.25  | 162  | 810285   | 39.27 | nq    | 92       |
| 47) 2-Nitroaniline             | 9.34  | 65   | 313971   | 48.18 | nq    | 92       |
| 48) Acenaphthylene             | 9.66  | 152  | 1351588  | 39.48 | nq    | 98       |
| 49) Dimethylphthalate          | 9.53  | 163  | 910794   | 39.26 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.58  | 165  | 214952   | 44.54 | nq    | # 77     |
| 51) Acenaphthene               | 9.83  | 154  | 818517   | 40.62 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.75  | 138  | 274848   | 44.47 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 9.85  | 184  | 109824   | 59.93 | nq    | # 72     |
| 54) Dibenzofuran               | 10.00 | 168  | 1066562  | 40.54 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.90  | 139  | 221410   | 44.31 | nq    | # 65     |
| 56) 2,4-Dinitrotoluene         | 9.99  | 165  | 278259   | 45.75 | nq    | # 82     |
| 57) Fluorene                   | 10.35 | 166  | 781516   | 44.01 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.12 | 232  | 185215   | 42.52 | nq    | # 99     |
| 59) Diethylphthalate           | 10.22 | 149  | 883344   | 37.92 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.34 | 204  | 323694   | 42.83 | nq    | 94       |
| 61) 4-Nitroaniline             | 10.36 | 138  | 242702   | 45.14 | nq    | 88       |
| 62) Azobenzene                 | 10.50 | 77   | 895602   | 38.12 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.39 | 198  | 144975   | 50.37 | nq    | 92       |
| 65) n-Nitrosodiphenylamine     | 10.46 | 169  | 736531   | 37.74 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 10.83 | 248  | 220867   | 39.55 | nq    | 95       |
| 67) Hexachlorobenzene          | 10.90 | 284  | 242888   | 42.31 | nq    | # 91     |
| 68) Atrazine                   | 10.99 | 200  | 204452   | 39.70 | nq    | 96       |
| 69) Pentachlorophenol          | 11.09 | 266  | 152839   | 46.64 | nq    | 98       |
| 70) Phenanthrene               | 11.30 | 178  | 1156604  | 41.98 | nq    | 100      |
| 71) Anthracene                 | 11.36 | 178  | 1192501  | 39.32 | nq    | 99       |
| 72) Carbazole                  | 11.51 | 167  | 1257168  | 37.55 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.85 | 149  | 1352286  | 38.25 | nq    | 99       |
| 74) Fluoranthene               | 12.49 | 202  | 1142956  | 37.91 | nq    | 96       |
| 76) Benzidine                  | 12.60 | 184  | 513995   | 35.08 | nq    | # 94     |
| 77) Pyrene                     | 12.72 | 202  | 1190849  | 37.07 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.33 | 149  | 555049   | 37.71 | nq    | # 75     |
| 80) Benzo(a)anthracene         | 13.90 | 228  | 819871   | 34.41 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 13.86 | 252  | 347569   | 38.31 | nq    | # 96     |
| 82) Chrysene                   | 13.94 | 228  | 865585   | 35.13 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.90 | 149  | 578701   | 36.18 | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 14.51 | 149  | 1094264  | 33.21 | nq    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.72 | 276  | 767079   | 37.50 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.93 | 252  | 790998m  | 36.88 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.96 | 252  | 711217   | 36.32 | nq    | 95       |
| 89) Benzo(a)pyrene             | 15.27 | 252  | 707992   | 37.37 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.74 | 278  | 641364   | 43.24 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.14 | 276  | 684279   | 44.38 | nq    | 96       |

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

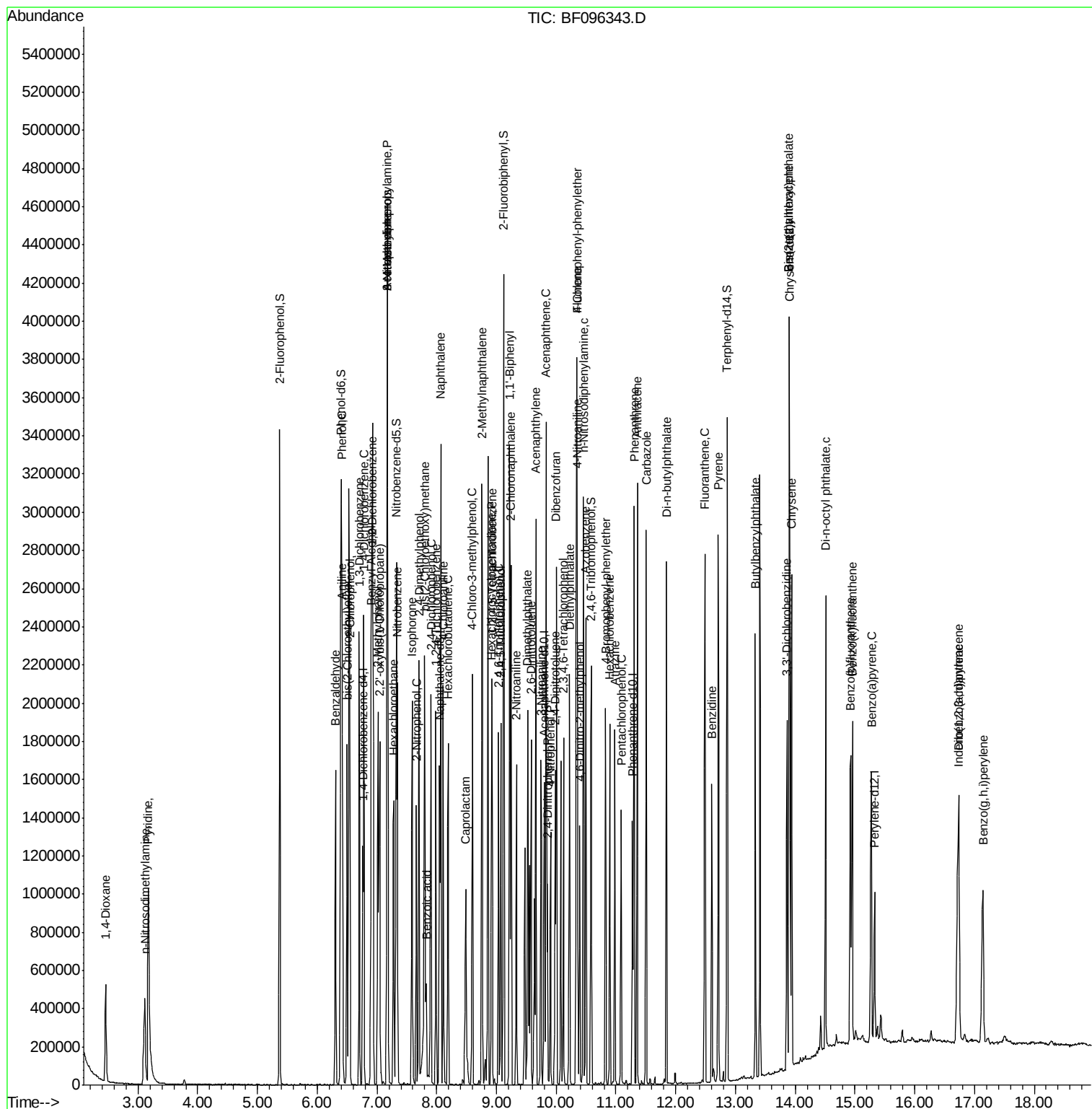
Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\  
Data File : BF096343.D  
Acq On : 30 Jun 2017 18:25  
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Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

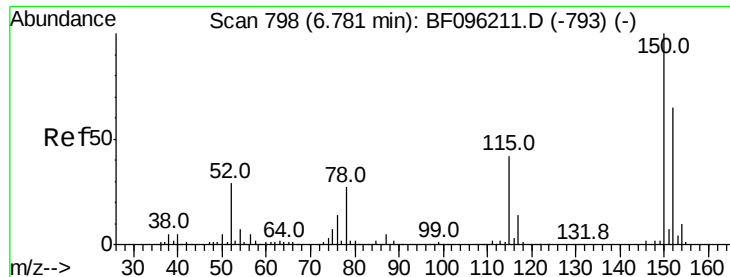
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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#1

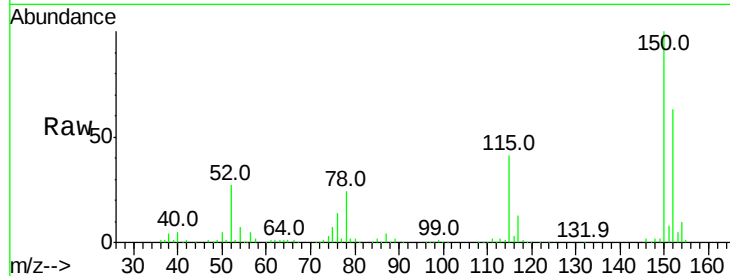
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.76 min Scan# 795  
Delta R.T. -0.02 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

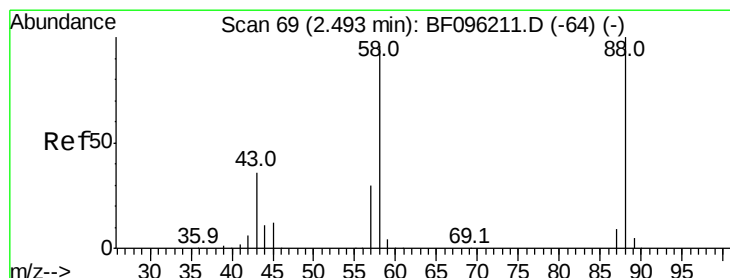
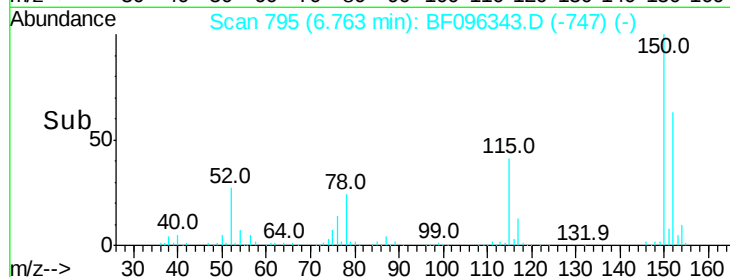
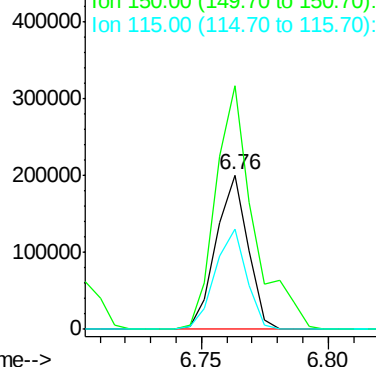
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.5 | 126.2 | 189.2 |
| 115     | 65.1  | 52.2  | 78.2  |

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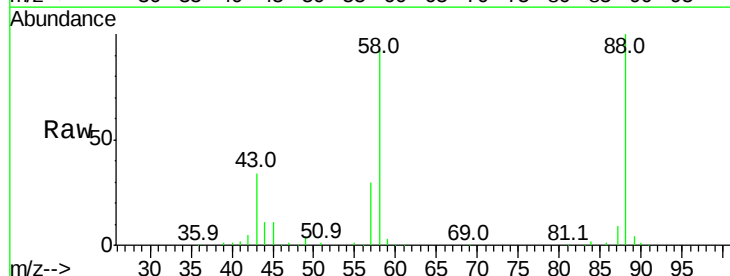
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



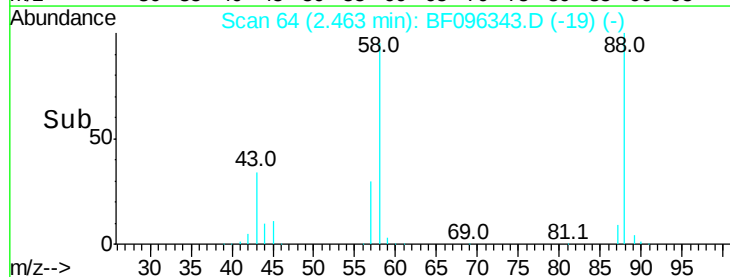
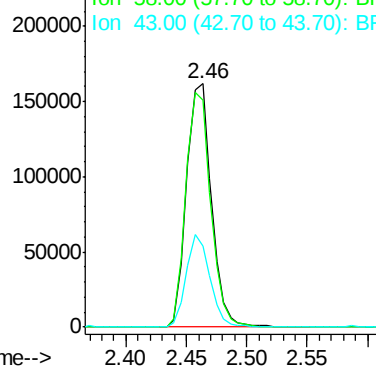
#2

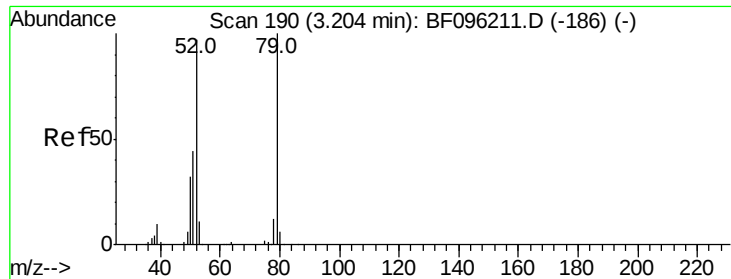
1,4-Dioxane  
Concen: 39.63 ng  
RT: 2.46 min Scan# 64  
Delta R.T. -0.04 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 96.2  | 61.4  | 92.0# |
| 43      | 35.6  | 23.4  | 35.0# |



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





#3

Pvridine

Concen: 41.00 ng

RT: 3.17 min Scan# 184

Delta R.T. -0.06 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 652526

Ion Ratio Lower Upper

79 100

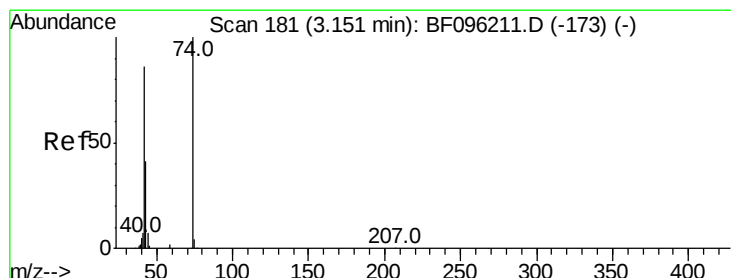
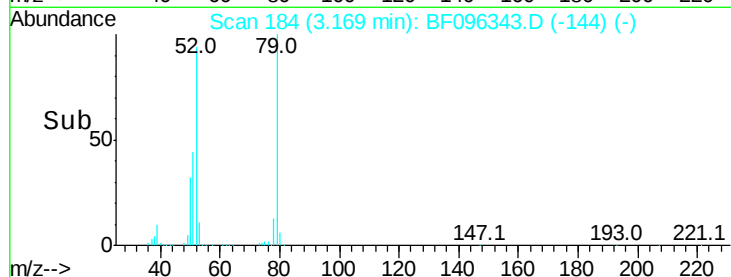
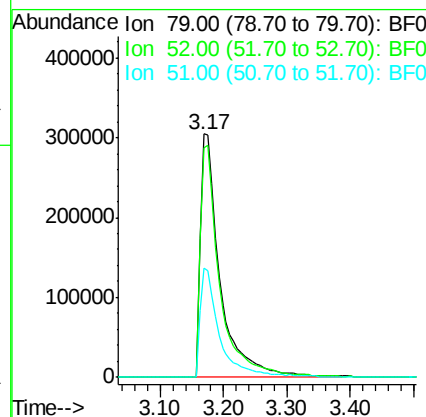
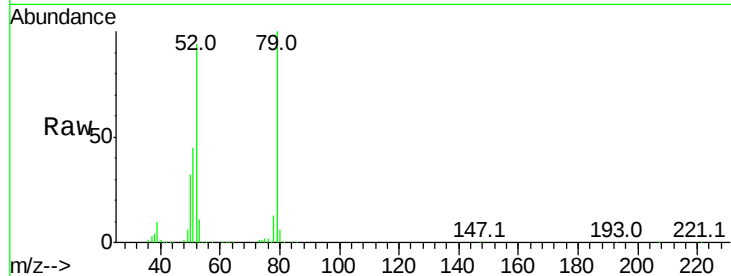
52 94.5 54.8 82.2#

51 44.6 27.0 40.4#

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 40.08 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

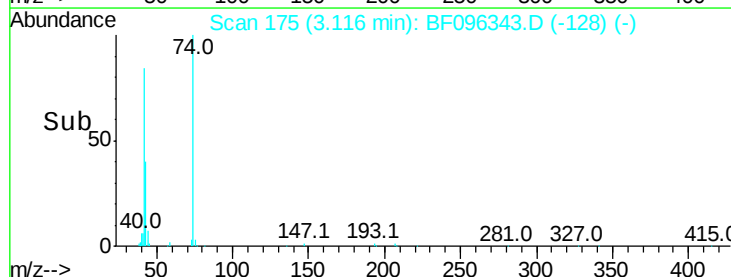
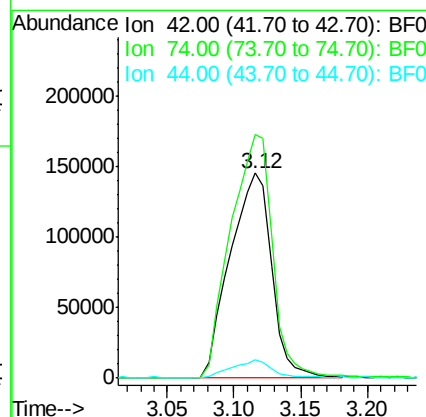
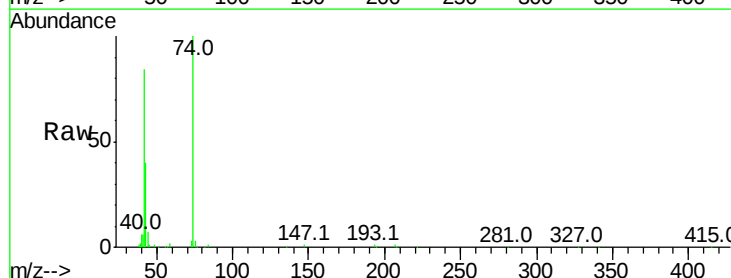
Tgt Ion: 42 Resp: 315513

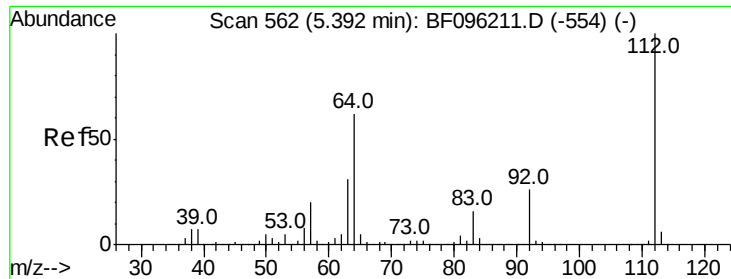
Ion Ratio Lower Upper

42 100

74 118.9 103.9 155.9

44 8.7 5.7 8.5#





#5

2-Fluorophenol

Concen: 79.54 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

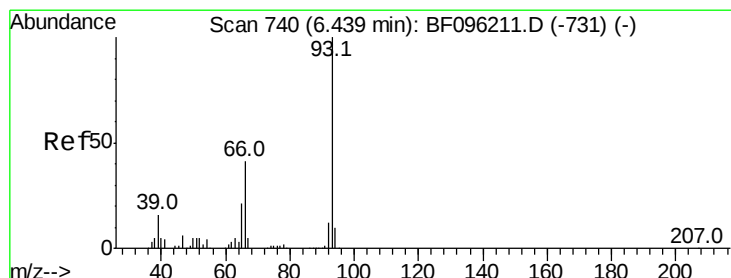
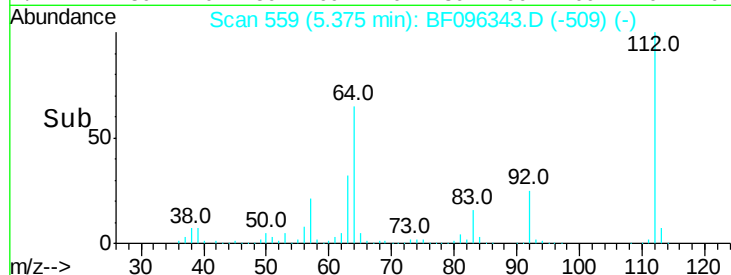
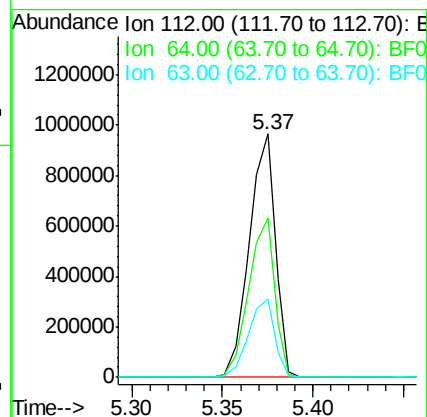
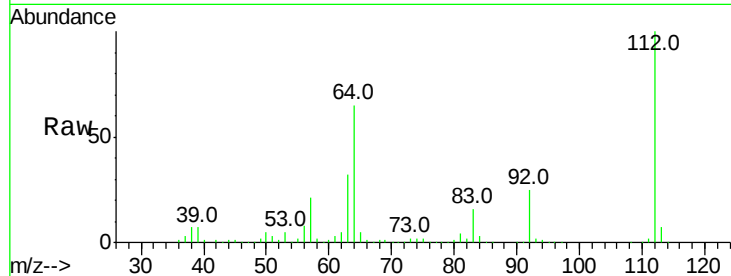
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 967476 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 65.1  | 46.0  | 69.0   |
| 63        | 32.1  | 23.4  | 35.0   |

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#6

Aniline

Concen: 39.62 ng

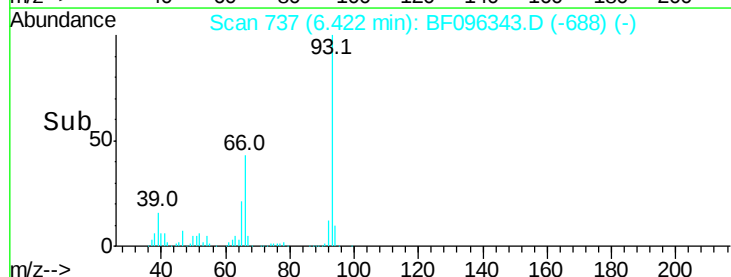
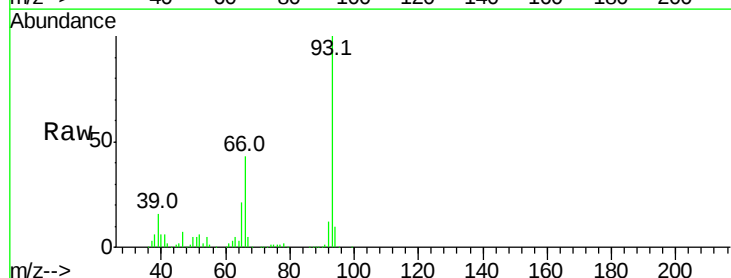
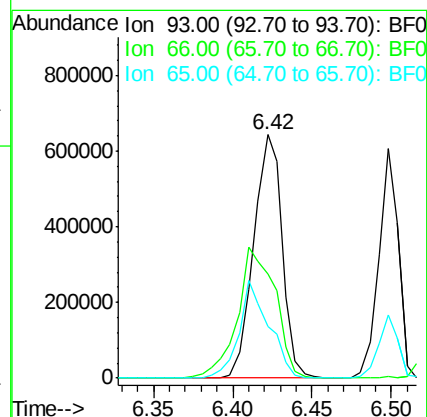
RT: 6.42 min Scan# 737

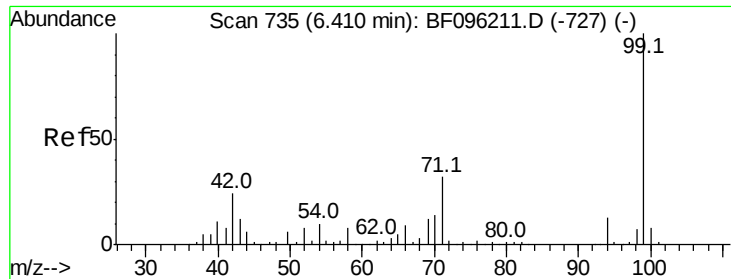
Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 804468 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 42.6  | 32.9  | 49.3   |
| 65        | 21.3  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 81.76 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1204174

Ion Ratio Lower Upper

99 100

42 22.0 13.5 20.3#

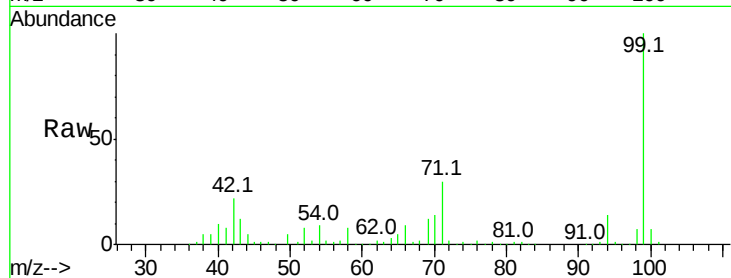
71 29.8 24.5 36.7

Manual Integrations

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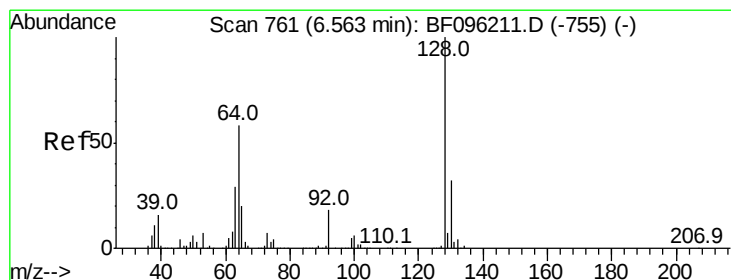
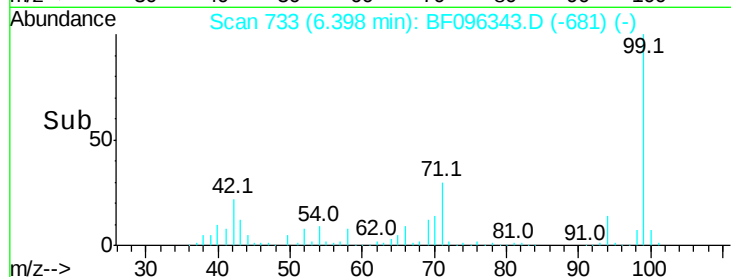
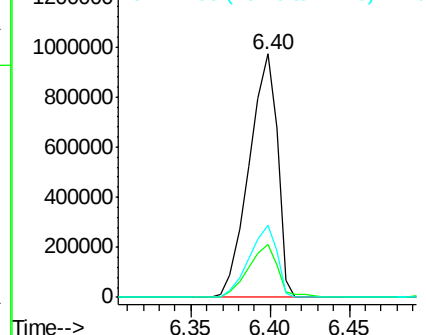
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.04 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

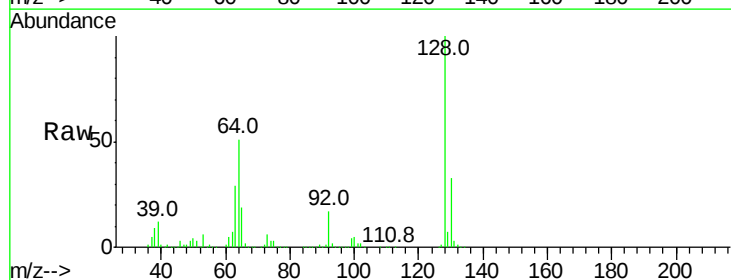
Tgt Ion:128 Resp: 489777

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

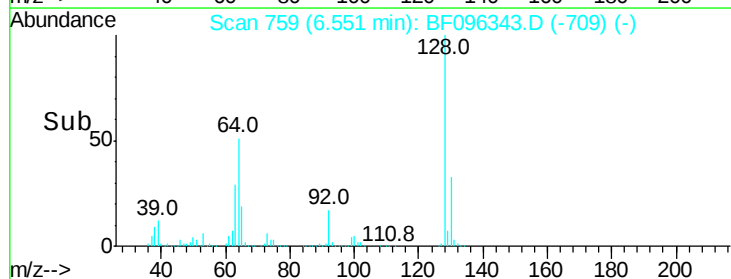
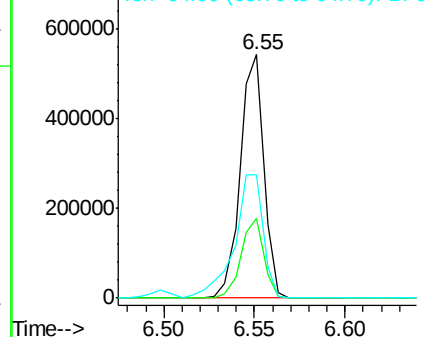
64 50.7 28.4 68.4

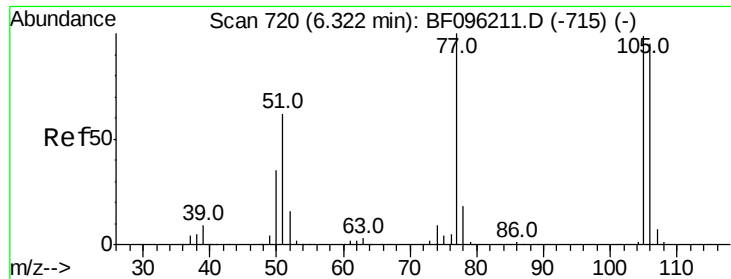


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.55 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

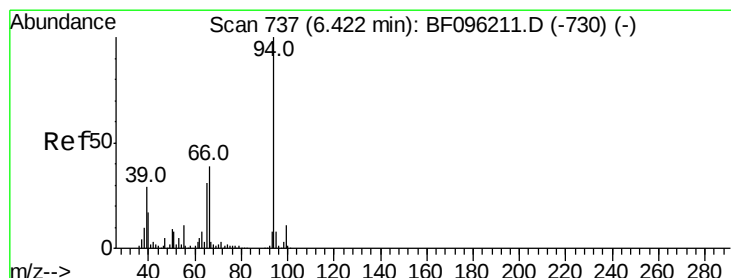
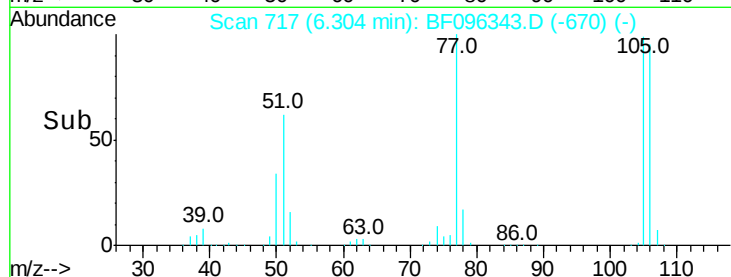
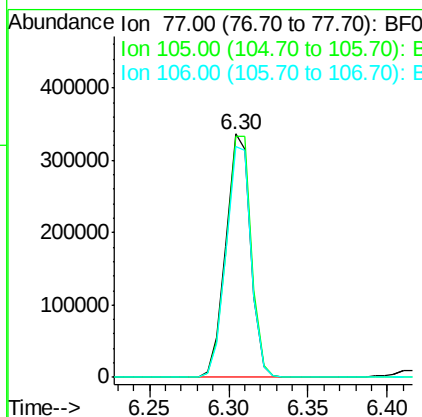
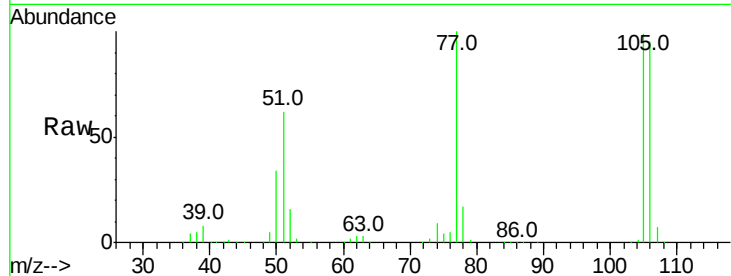
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 361146 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 99.1  | 83.8  | 123.8  |
| 106       | 94.9  | 79.1  | 119.1  |

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#10

Phenol

Concen: 40.12 ng

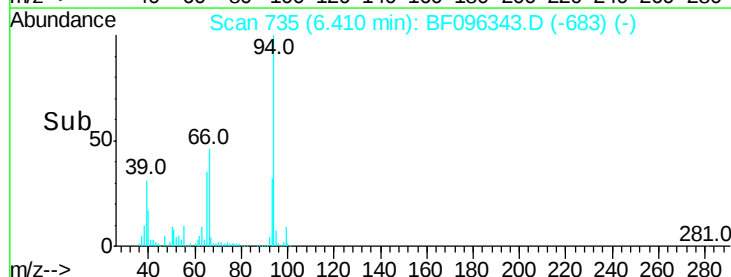
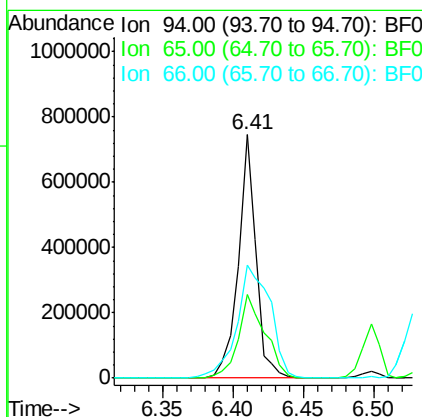
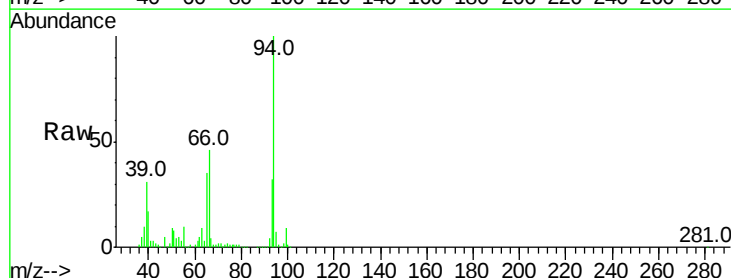
RT: 6.41 min Scan# 735

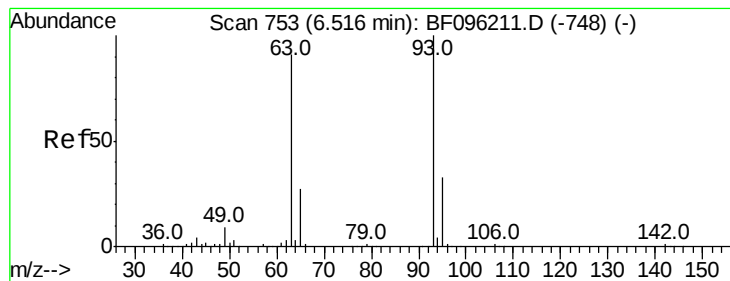
Delta R.T. 0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 649676 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 34.6  | 9.9   | 49.9   |
| 66        | 46.5  | 23.1  | 63.1   |





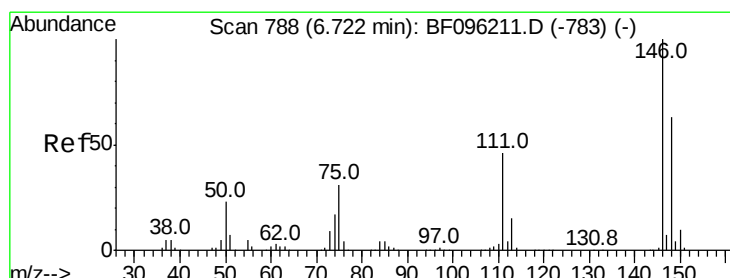
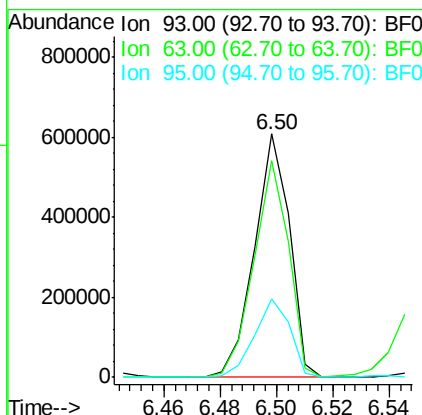
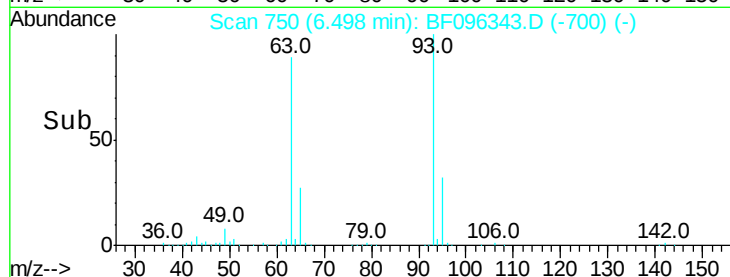
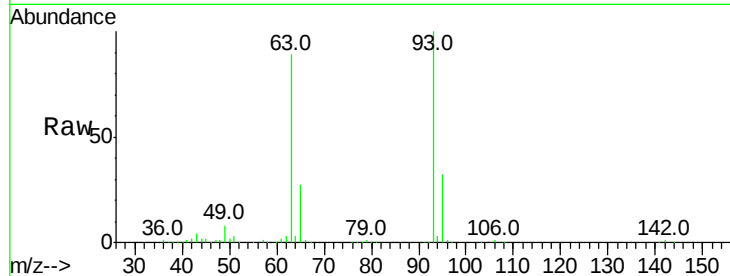
#11  
bis(2-Chloroethyl)ether  
Concen: 39.46 ng  
RT: 6.50 min Scan# 750  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 89.1  | 59.2  | 99.2  |
| 95      | 32.1  | 12.8  | 52.8  |

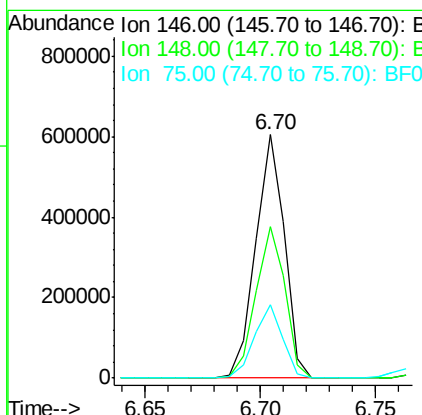
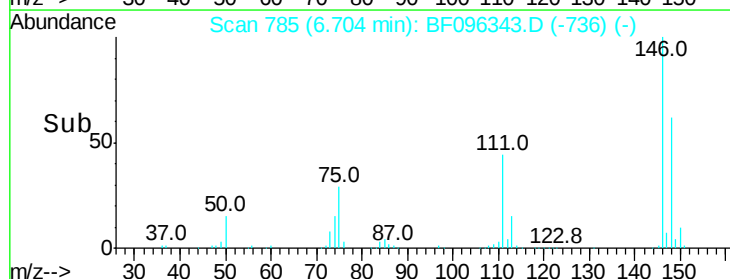
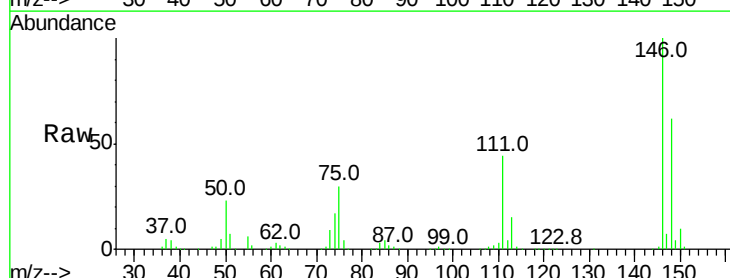
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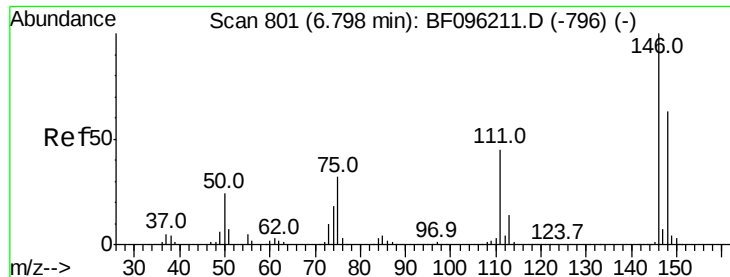
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#12  
1,3-Dichlorobenzene  
Concen: 40.08 ng  
RT: 6.70 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.4  | 51.8  | 77.6  |
| 75      | 30.1  | 23.1  | 34.7  |





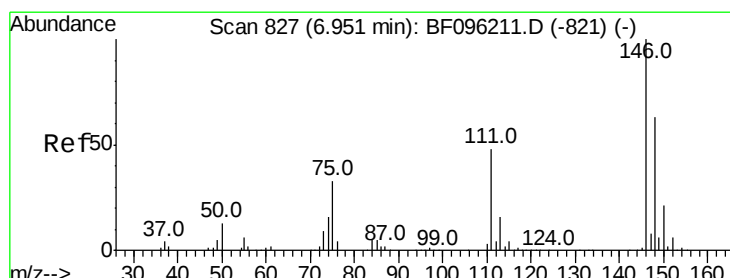
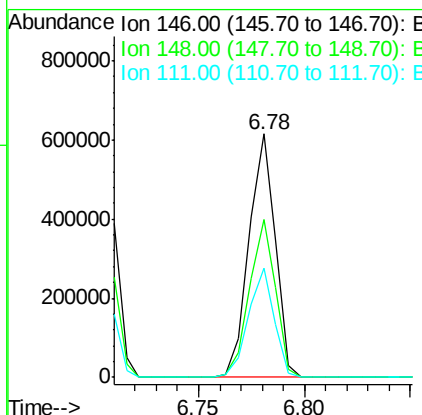
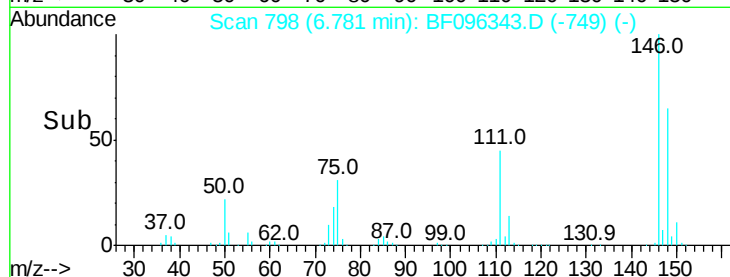
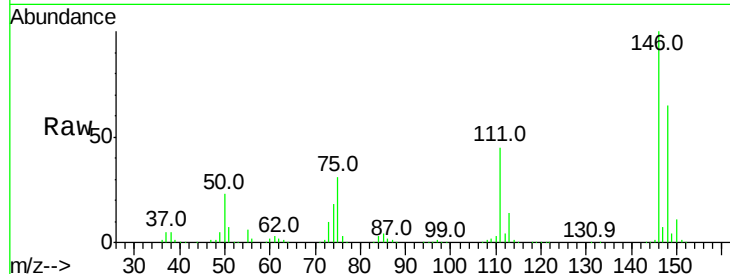
#13  
 1,4-Dichlorobenzene  
 Concen: 40.25 ng  
 RT: 6.78 min Scan# 798  
 Delta R.T. -0.01 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 52.2  | 78.2  |
| 111     | 44.7  | 30.3  | 45.5  |

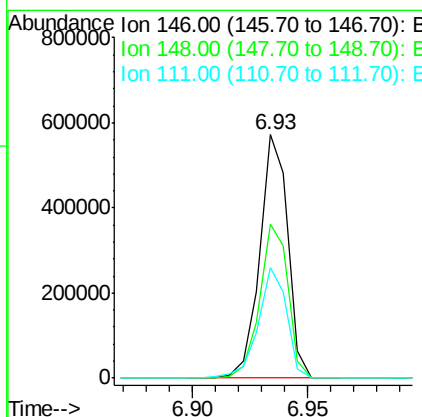
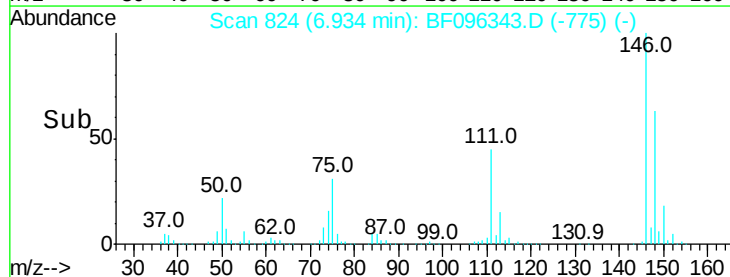
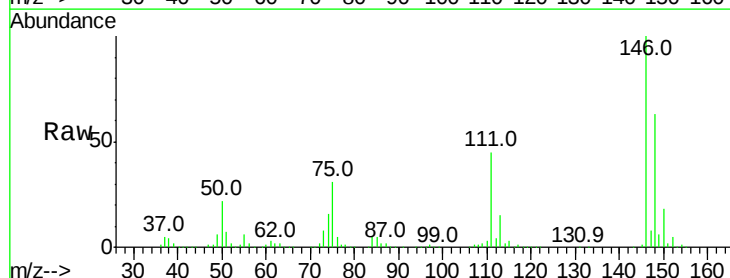
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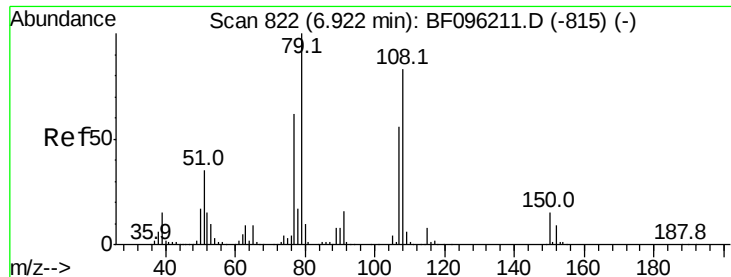
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#14  
 1,2-Dichlorobenzene  
 Concen: 40.16 ng  
 RT: 6.93 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 50.4  | 75.6  |
| 111     | 45.2  | 38.2  | 57.4  |





#15

Benzyl Alcohol

Concen: 41.60 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 413442

Ion Ratio Lower Upper

79 100

108 82.8 63.4 95.0

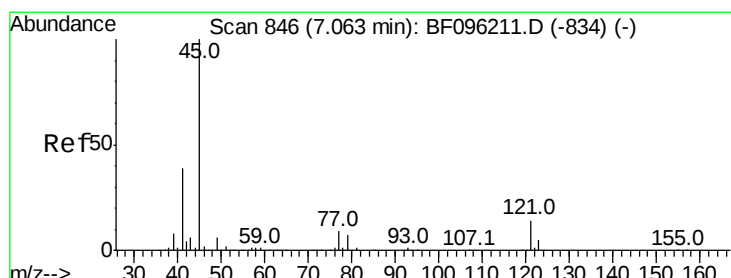
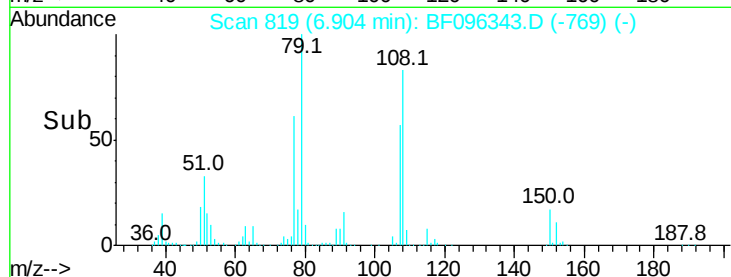
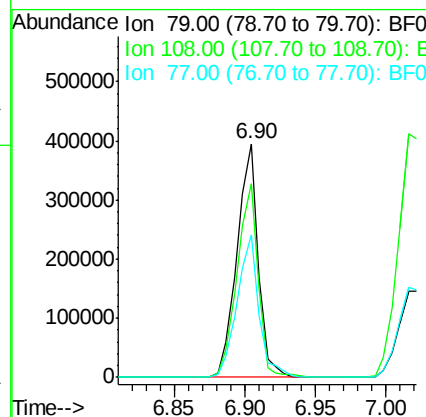
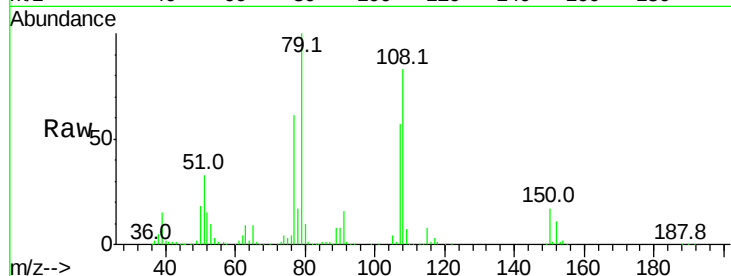
77 61.1 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.63 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

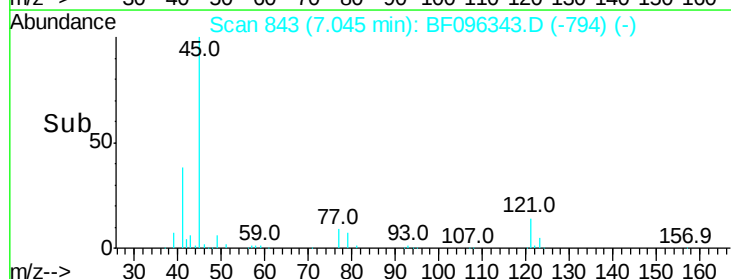
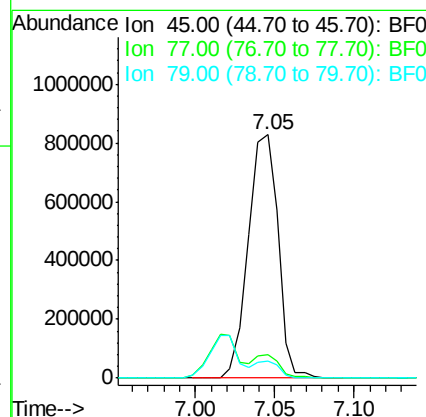
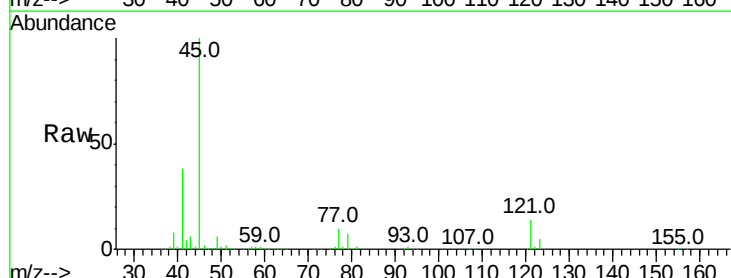
Tgt Ion: 45 Resp: 1081118

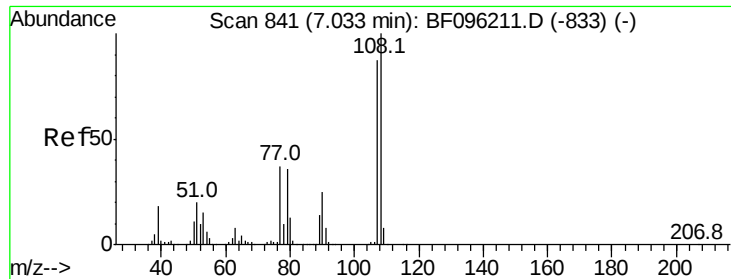
Ion Ratio Lower Upper

45 100

77 9.9 0.0 33.2

79 7.2 0.0 30.0





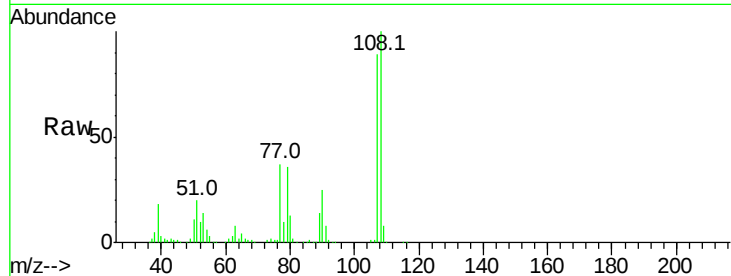
#17  
2-Methylphenol  
Concen: 40.63 ng  
RT: 7.02 min Scan# 838  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

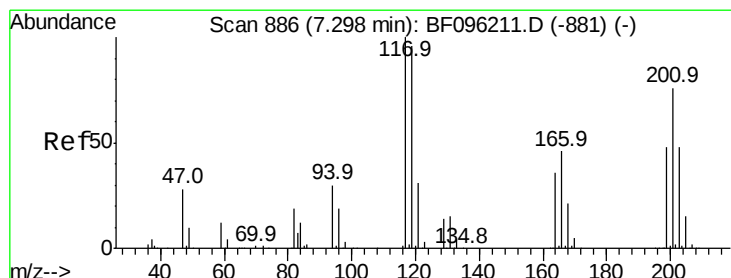
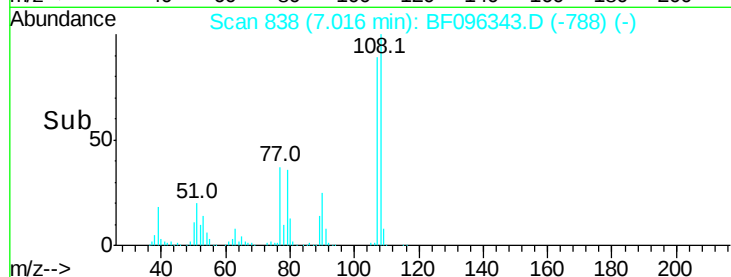
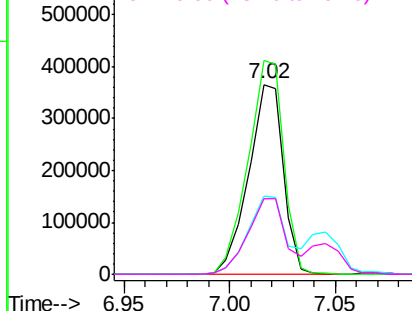
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.6 | 93.4 | 140.0 |       |
| 77      | 41.4  | 35.8 | 53.6  |       |
| 79      | 40.1  | 34.8 | 52.2  |       |

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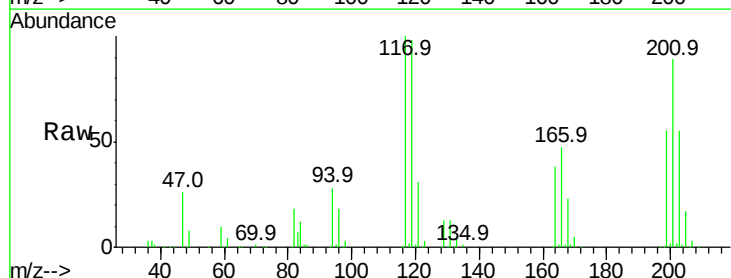


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

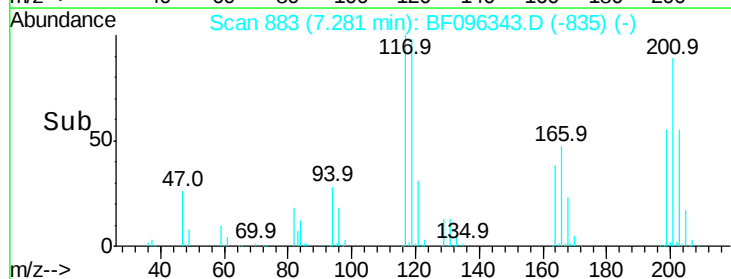
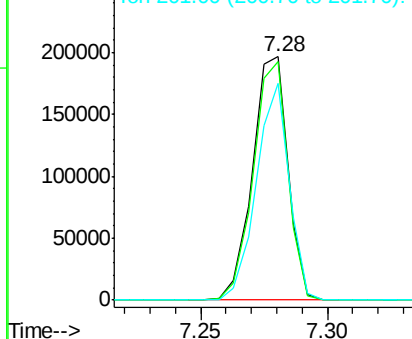


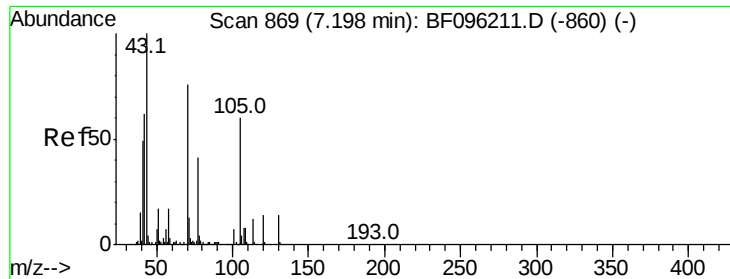
#18  
Hexachloroethane  
Concen: 40.35 ng  
RT: 7.28 min Scan# 883  
Delta R.T. -0.02 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 97.9  | 77.4 | 116.0  |       |
| 201     | 89.3  | 94.6 | 141.8# |       |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.53 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 348789

Ion Ratio Lower Upper

70 100

42 76.1 47.2 70.8#

101 8.8 7.2 10.8

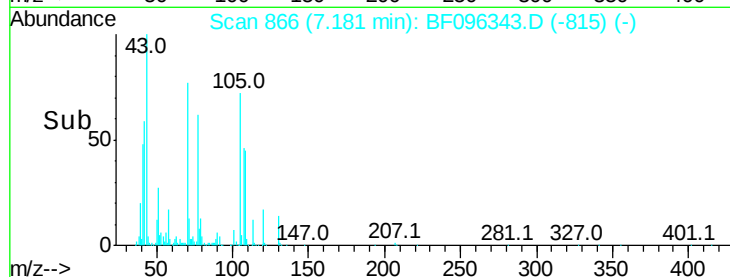
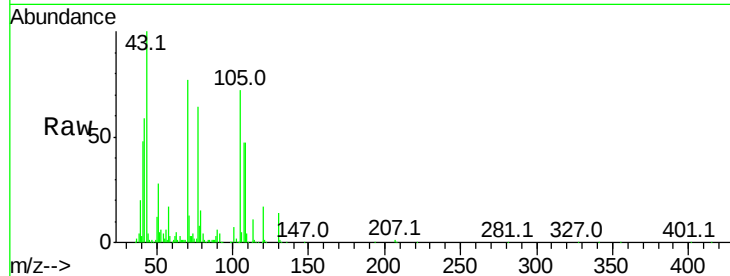
130 18.3 15.9 23.9

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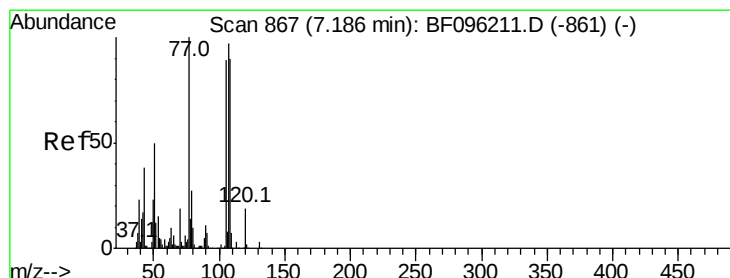
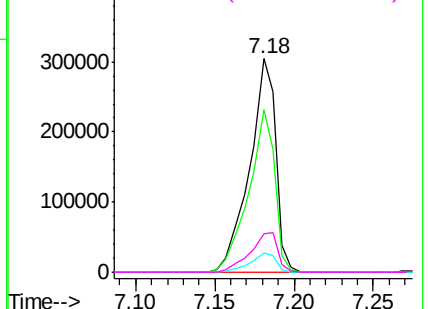


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 40.00 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Tgt Ion: 107 Resp: 472225

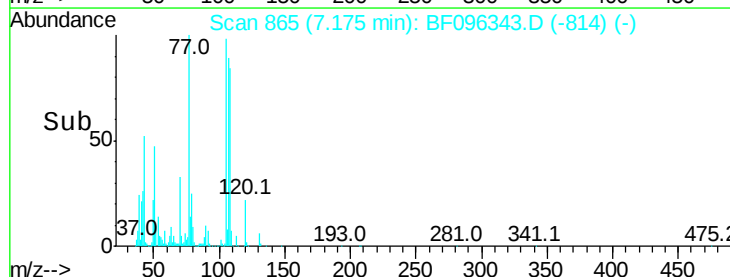
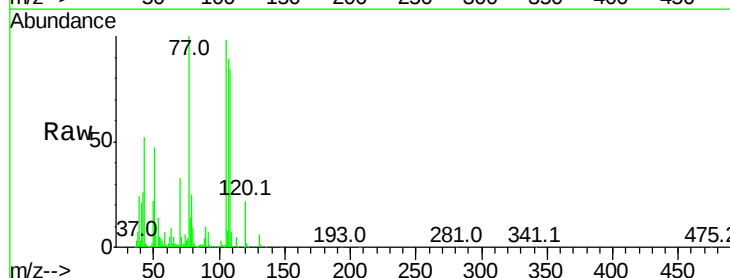
Ion Ratio Lower Upper

107 100

108 94.3 71.0 111.0

77 112.5 90.5 130.5

79 28.5 8.4 48.4

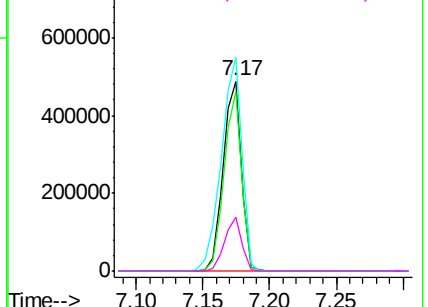


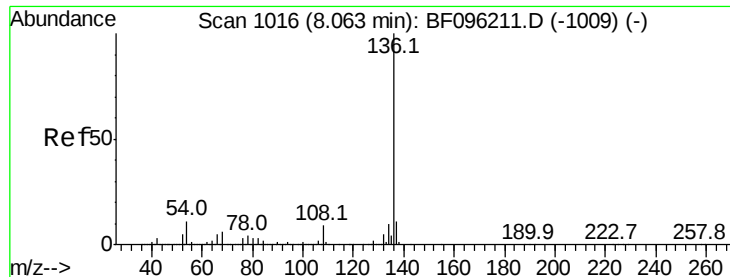
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

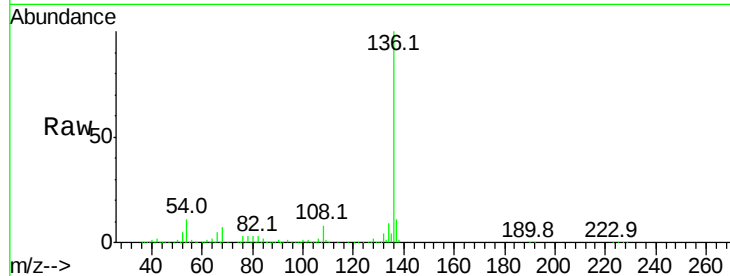
ClientSampleId :

SSTDCCC040

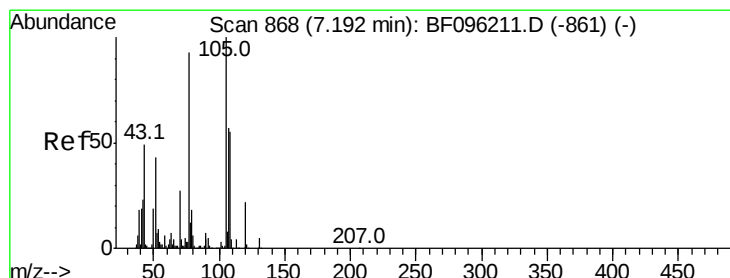
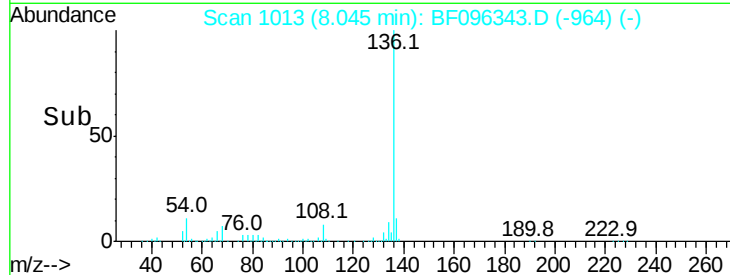
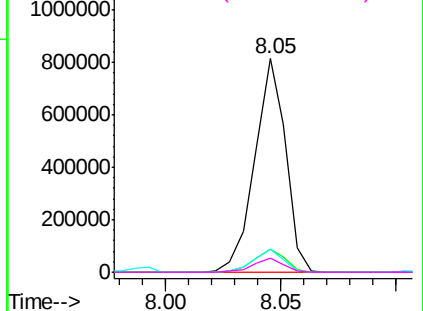
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 10.9  | 8.5        | 12.7  |
| 54      | 10.7  | 4.9        | 7.3#  |
| 68      | 6.5   | 4.1        | 6.1#  |

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Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.27 ng

RT: 7.17 min Scan# 865

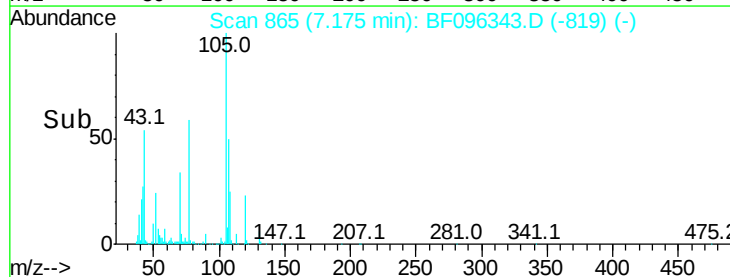
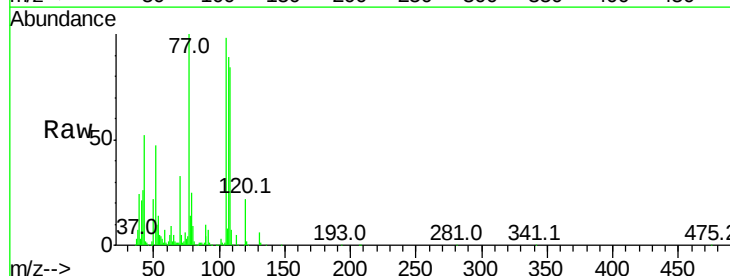
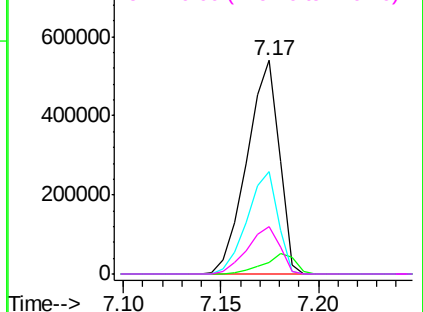
Delta R.T. -0.03 min

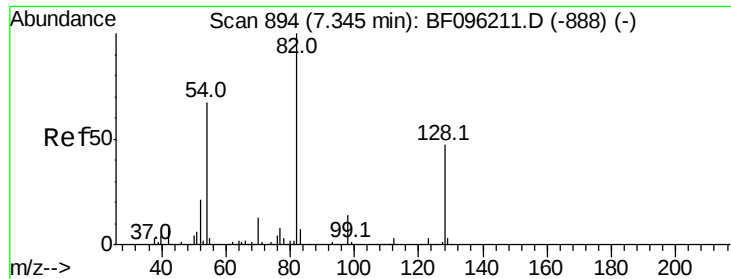
Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 5.3   | 2.8        | 4.2#  |
| 51      | 47.7  | 30.7       | 46.1# |
| 120     | 22.2  | 17.4       | 26.0  |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E





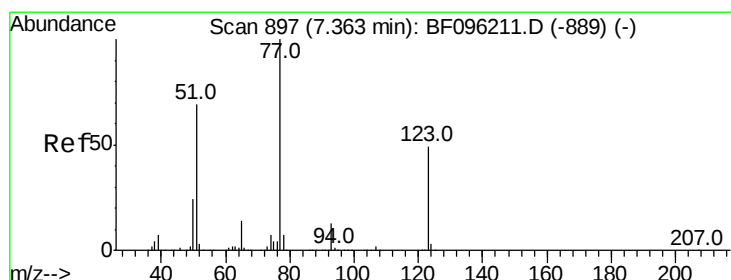
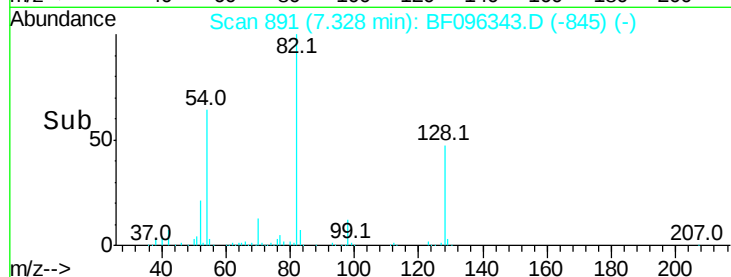
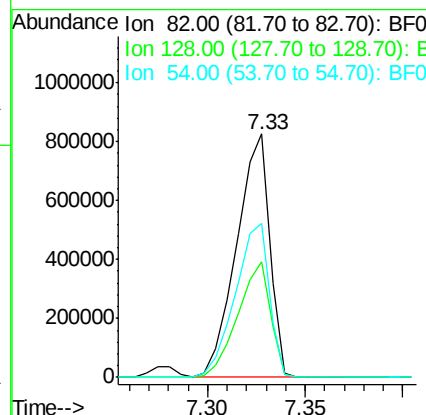
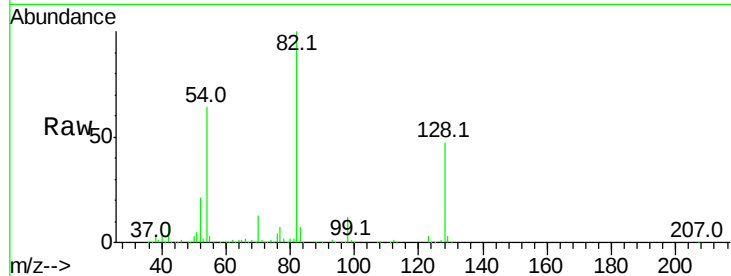
#23  
Nitrobenzene-d5  
Concen: 89.00 ng  
RT: 7.33 min Scan# 891  
Delta R.T. -0.03 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.2  | 34.0  | 51.0  |
| 54      | 63.5  | 42.2  | 63.2# |

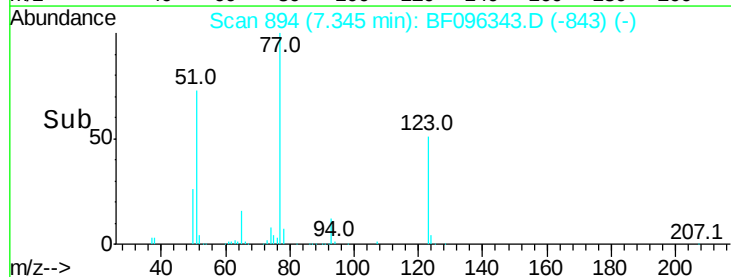
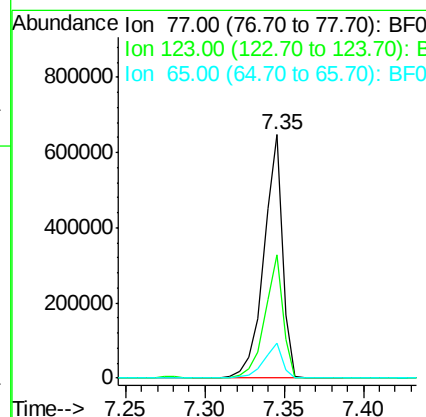
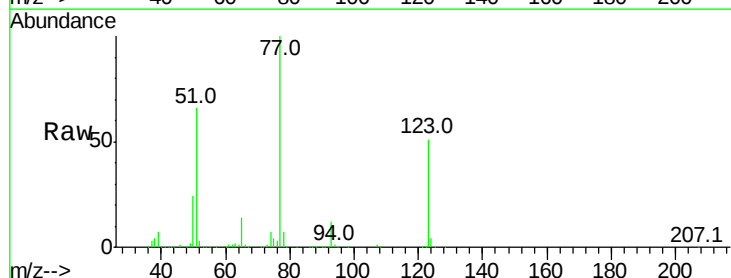
Manual Integrations  
APPROVED

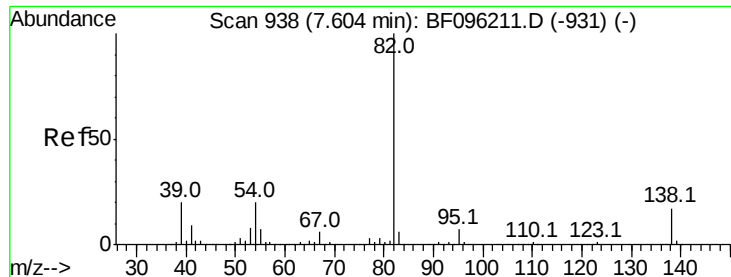
mohammad  
7/3/2017 11:36:58 AM



#24  
Nitrobenzene  
Concen: 43.97 ng  
RT: 7.35 min Scan# 894  
Delta R.T. -0.00 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.7  | 35.8  | 53.8  |
| 65      | 14.3  | 10.6  | 15.8  |





#25

Isophorone

Concen: 39.02 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

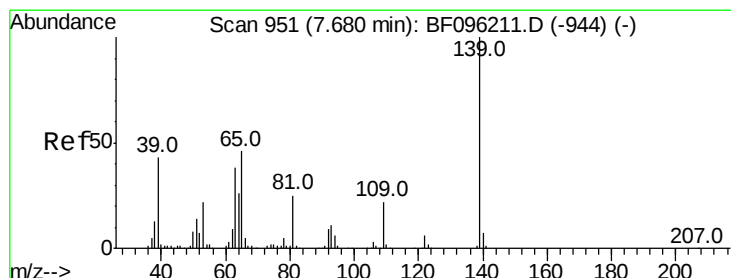
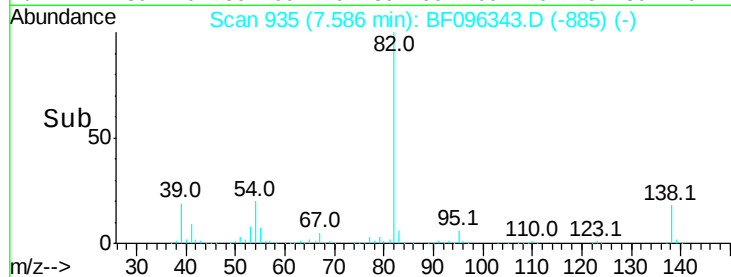
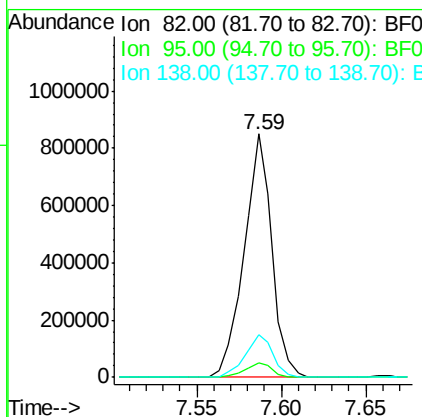
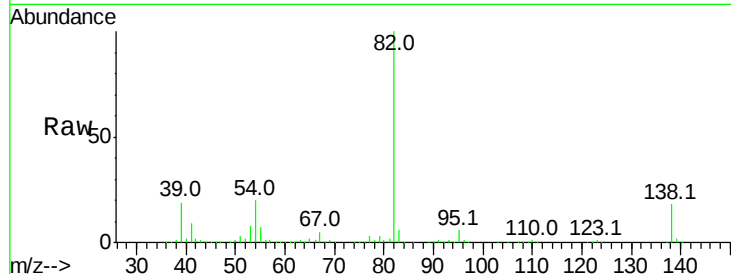
ClientSampleId :

SSTDCCC040

| Tot Ion   | 82    | Resp  | 969263 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.1   | 5.3   | 7.9    |
| 138       | 17.6  | 13.1  | 19.7   |

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#26

2-Nitrophenol

Concen: 49.22 ng

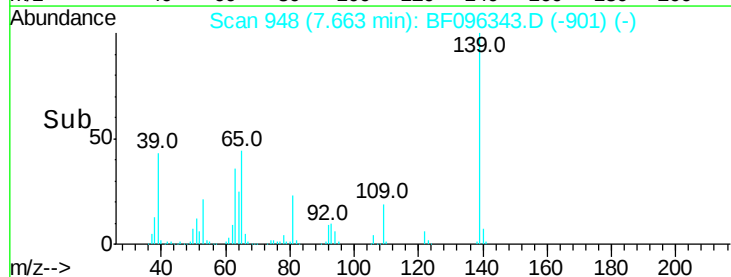
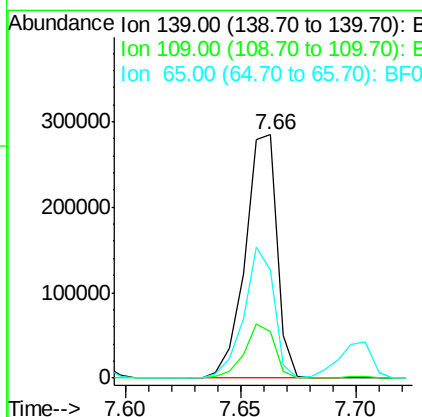
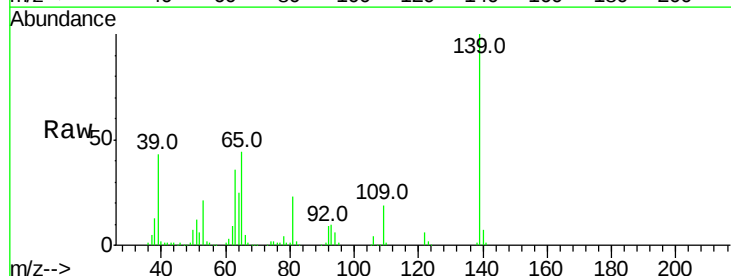
RT: 7.66 min Scan# 948

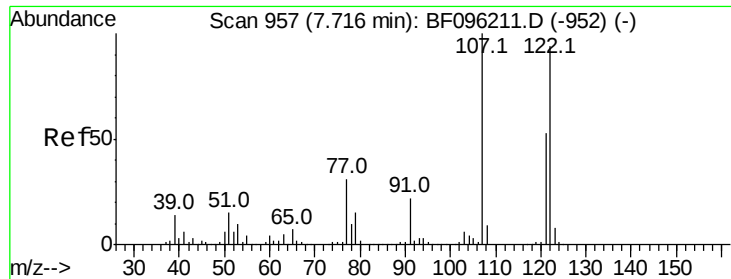
Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

| Tgt Ion   | 139   | Resp  | 275268 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 19.2  | 21.0  | 31.6#  |
| 65        | 44.4  | 33.0  | 49.6   |





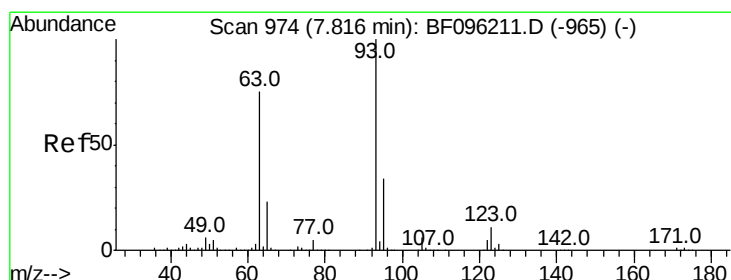
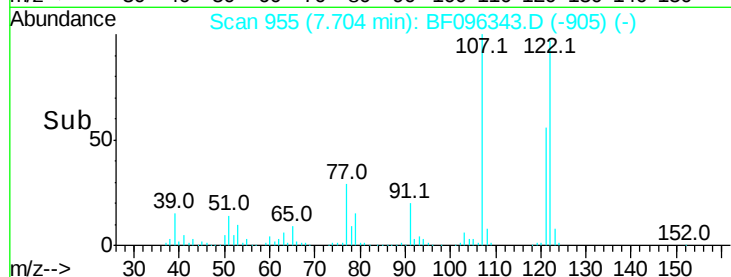
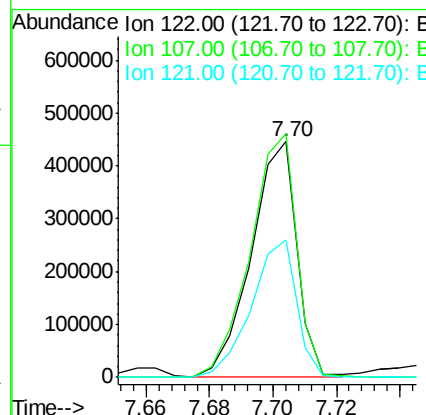
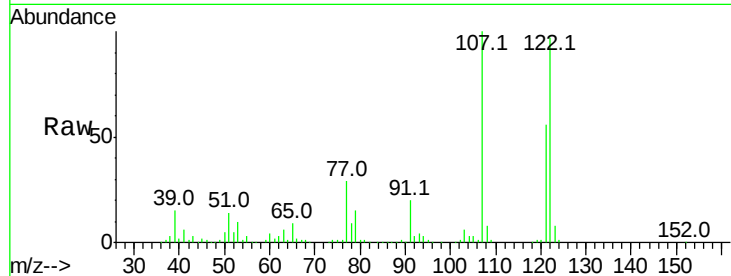
#27  
2,4-Dimethylphenol  
Concen: 39.47 ng  
RT: 7.70 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 103.4 | 89.2  | 133.8 |
| 121     | 58.3  | 45.2  | 67.8  |

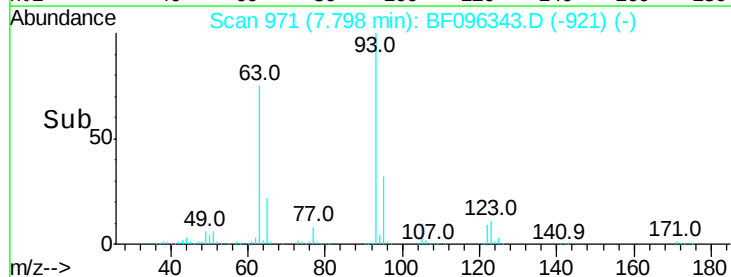
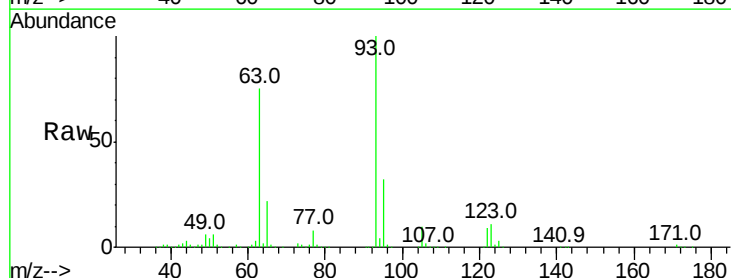
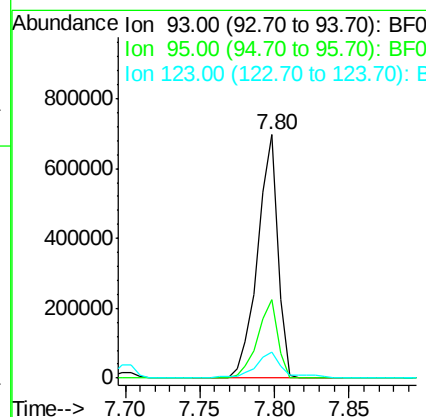
Manual Integrations  
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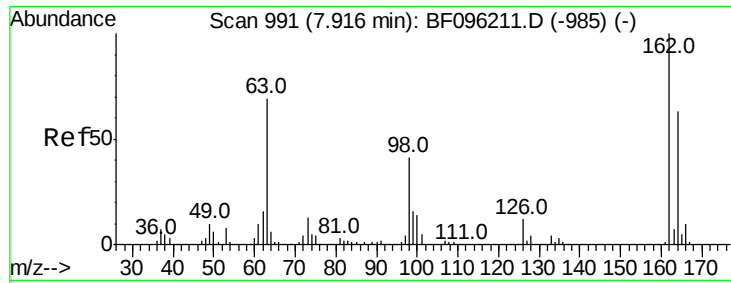
mohammad  
7/3/2017 11:36:58 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.46 ng  
RT: 7.80 min Scan# 971  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.4  | 26.5  | 39.7  |
| 123     | 10.9  | 9.0   | 13.4  |





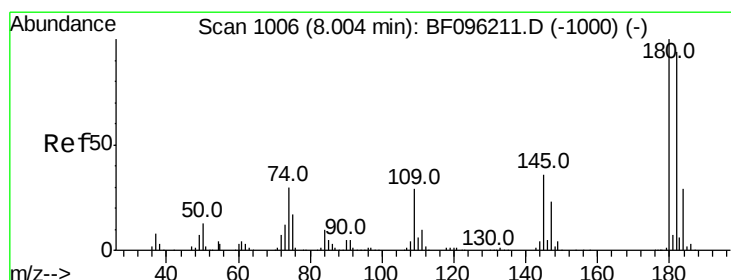
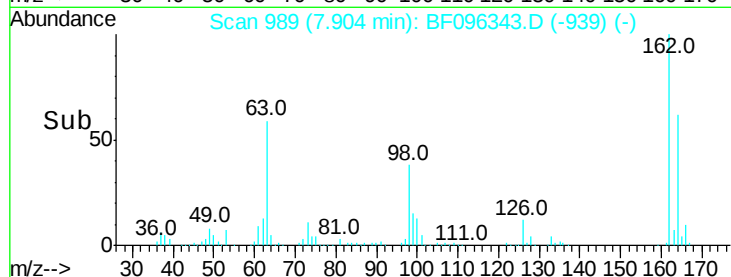
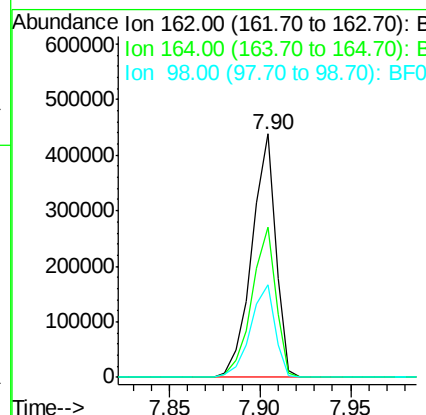
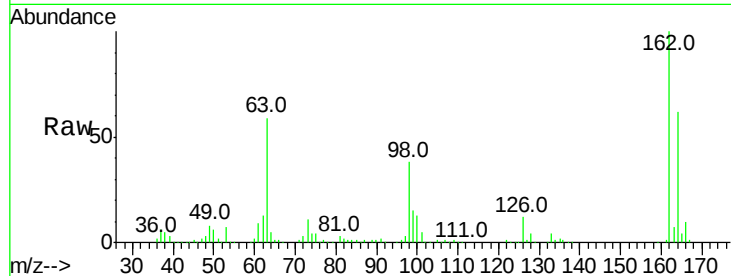
#29  
2,4-Dichlorophenol  
Concen: 42.01 ng  
RT: 7.90 min Scan# 989  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 61.8  | 44.6       | 84.6  |
| 98      | 37.9  | 14.8       | 54.8  |

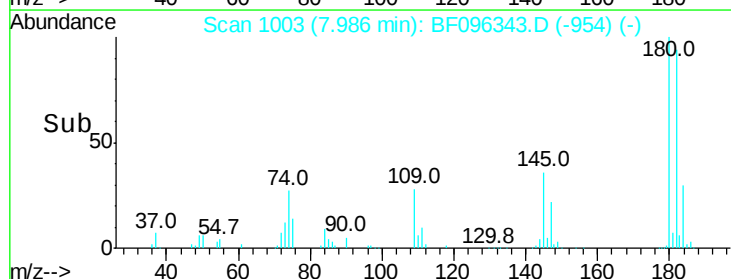
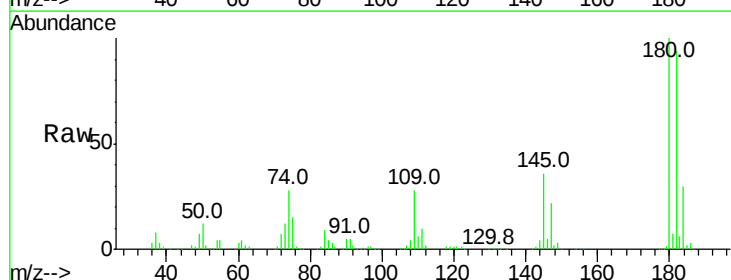
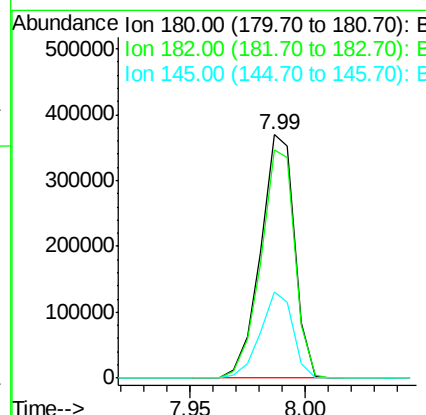
Manual Integrations  
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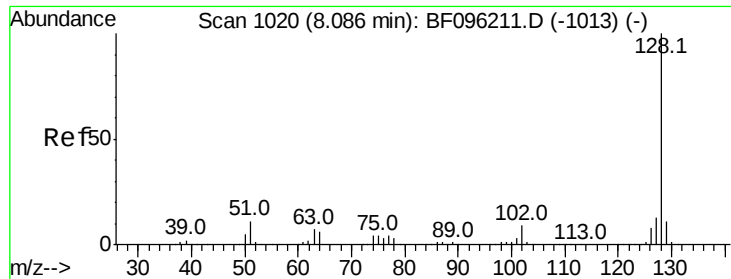
mohammad  
7/3/2017 11:36:58 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 39.86 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 93.9  | 75.8       | 113.6 |
| 145     | 35.5  | 25.3       | 37.9  |





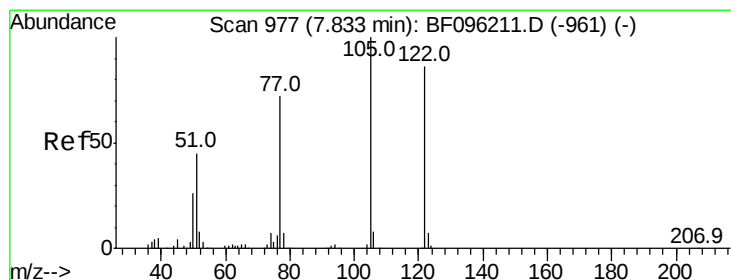
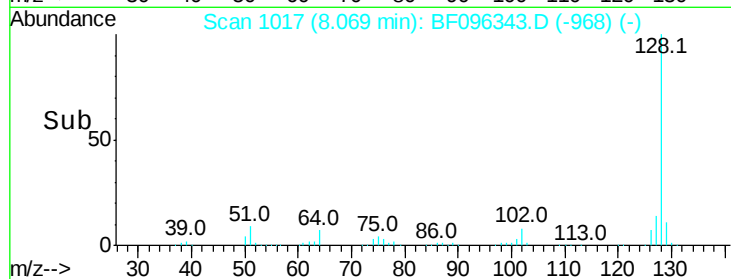
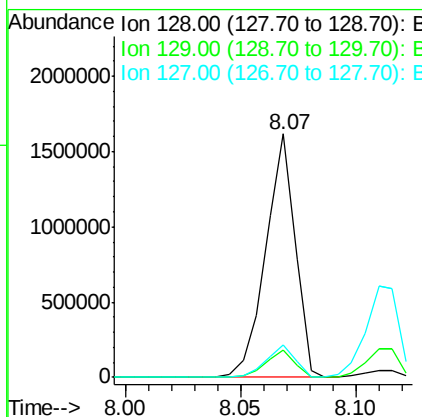
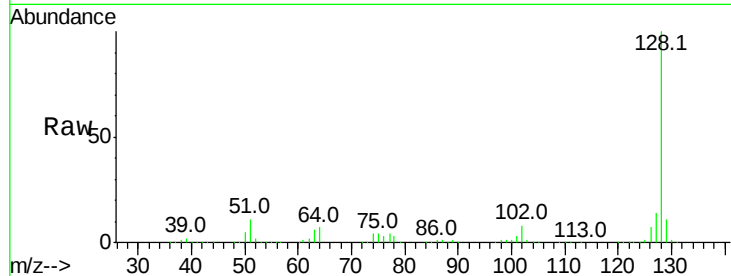
#31  
Naphthalene  
Concen: 39.37 ng  
RT: 8.07 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 1436705  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.5 10.8 16.2

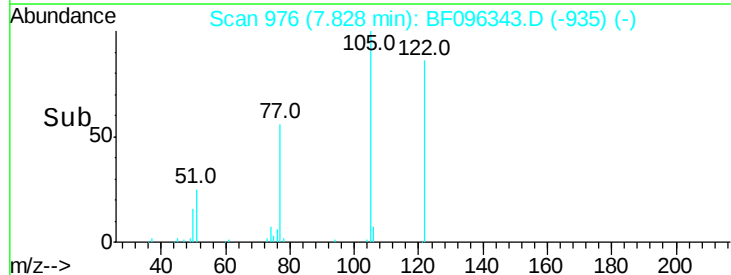
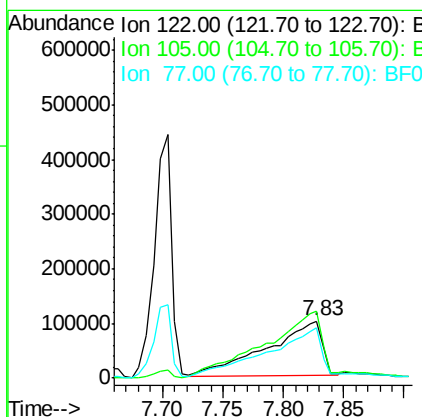
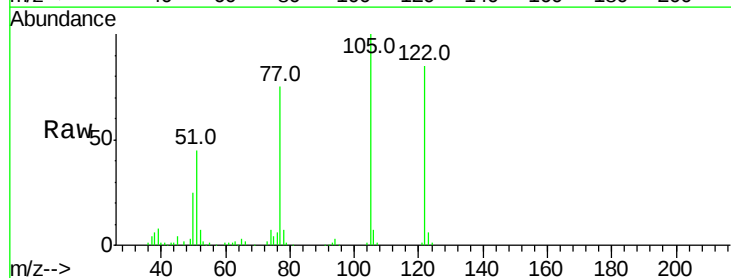
Manual Integrations  
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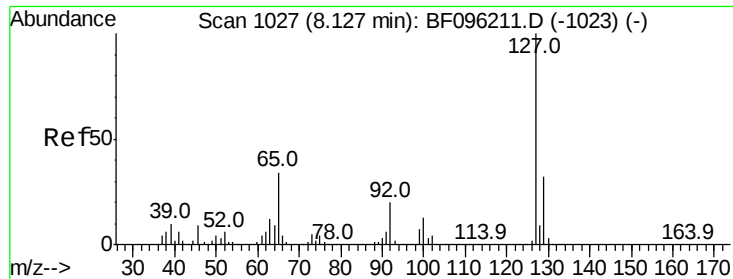
mohammad  
7/3/2017 11:36:58 AM



#32  
Benzoic acid  
Concen: 41.38 ng  
RT: 7.83 min Scan# 976  
Delta R.T. -0.06 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Tgt Ion:122 Resp: 316858  
Ion Ratio Lower Upper  
122 100  
105 117.4 103.3 143.3  
77 87.6 73.7 113.7





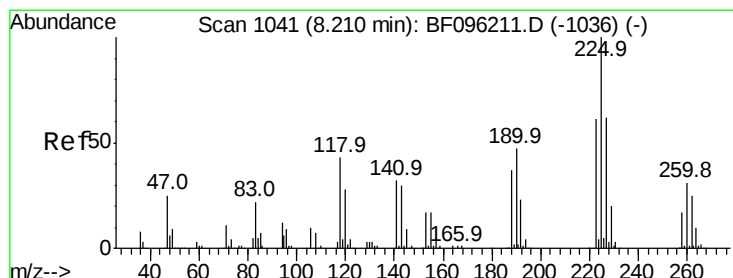
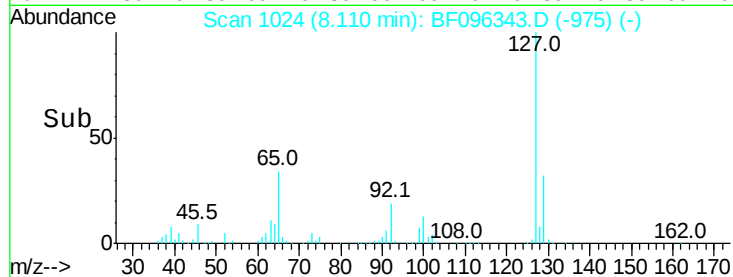
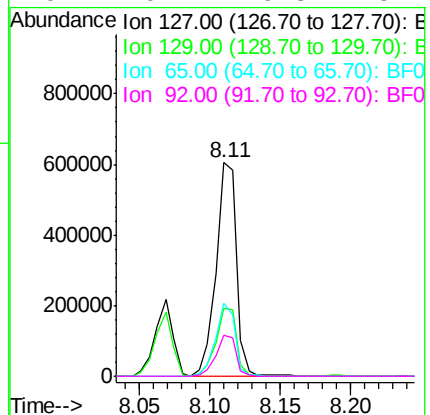
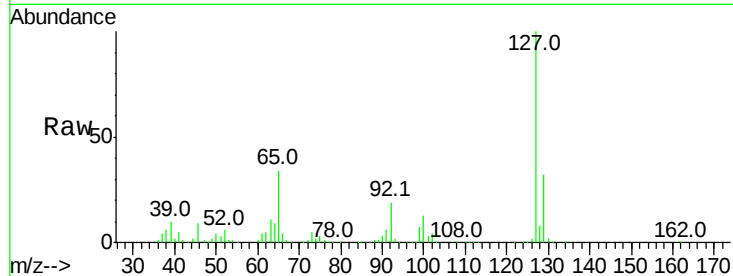
#33  
4-Chloroaniline  
Concen: 40.38 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 31.9  | 26.2 | 39.2  |       |
| 65      | 34.2  | 27.8 | 41.8  |       |
| 92      | 19.2  | 16.8 | 25.2  |       |

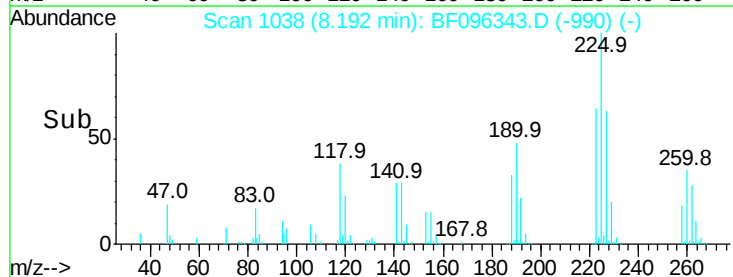
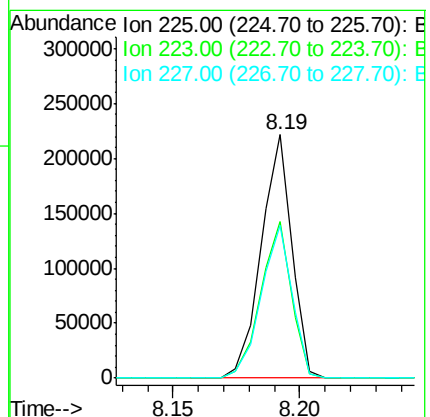
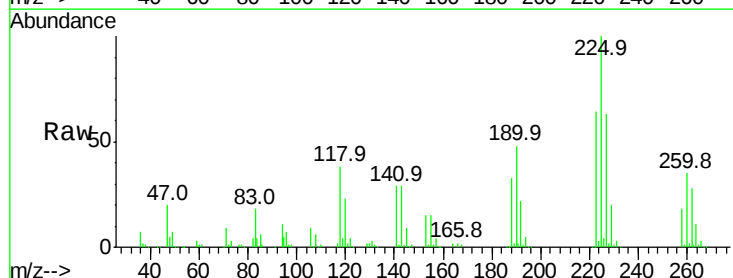
Manual Integrations  
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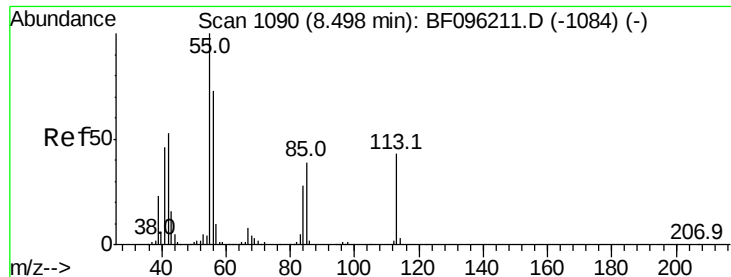
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 39.87 ng  
RT: 8.19 min Scan# 1038  
Delta R.T. -0.02 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 64.4  | 48.8 | 73.2  |       |
| 227     | 62.7  | 51.1 | 76.7  |       |





#35

Caprolactam

Concen: 42.34 ng

RT: 8.49 min Scan# 1088

Delta R.T. 0.05 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

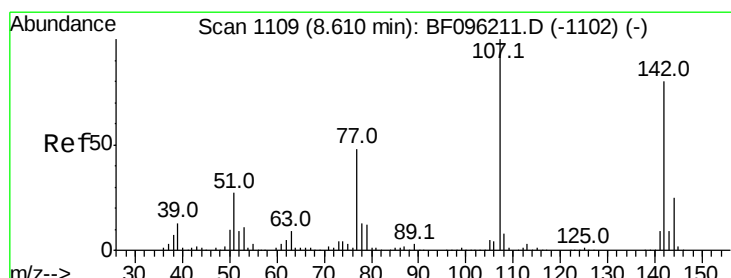
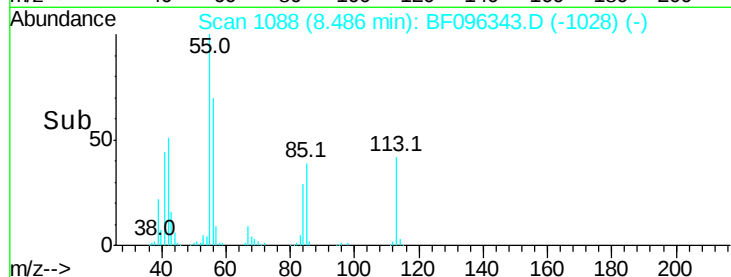
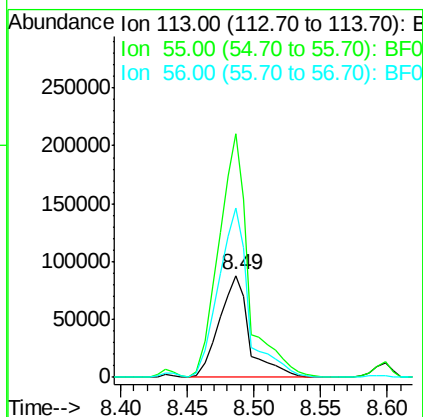
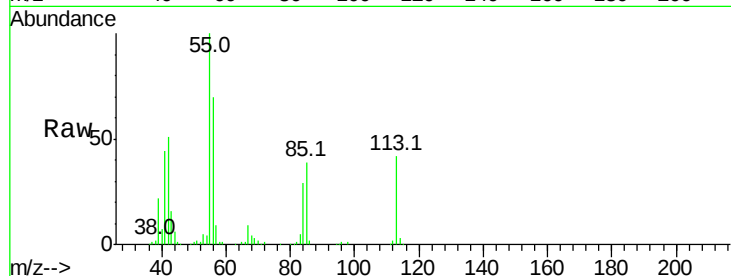
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 113     | 100   |       |        |       |       |
| 55      | 239.6 | 150.2 | 190.2# |       |       |
| 56      | 166.8 | 107.8 | 147.8# |       |       |

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#36

4-Chloro-3-methylphenol

Concen: 40.44 ng

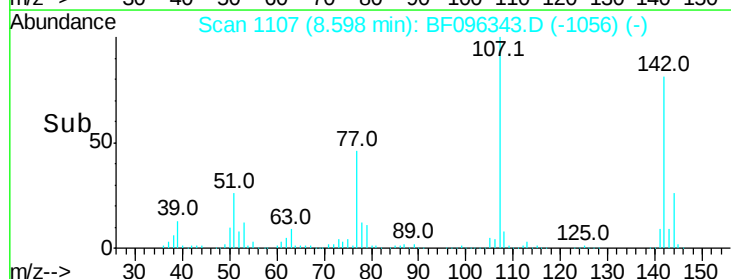
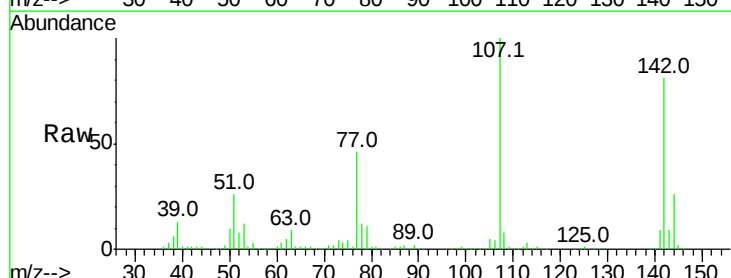
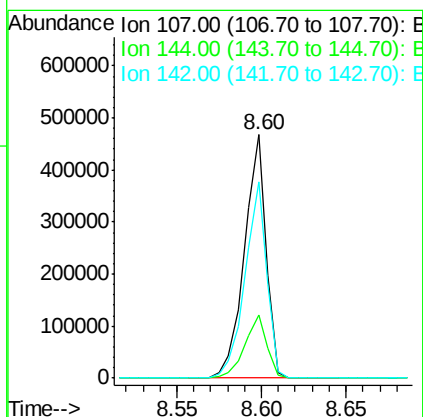
RT: 8.60 min Scan# 1107

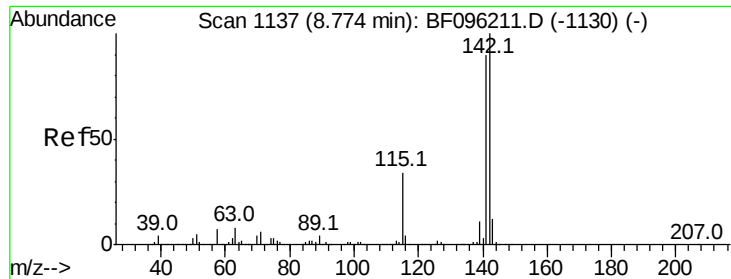
Delta R.T. -0.00 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 144     | 25.8 | 24.2  | 36.4  |       |       |
| 142     | 80.6 | 73.4  | 110.0 |       |       |





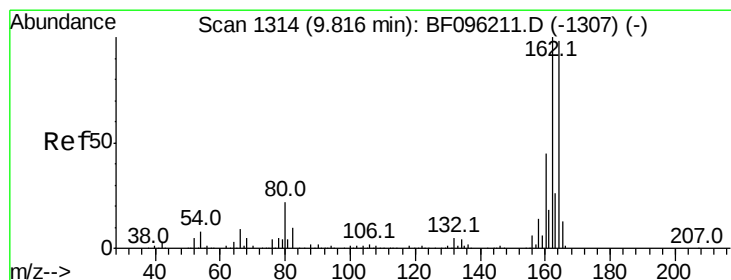
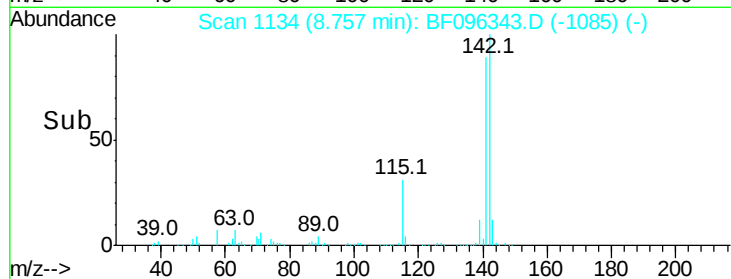
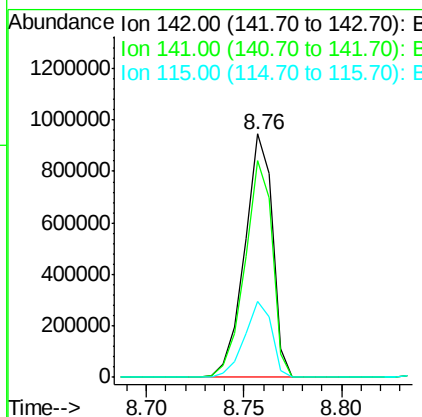
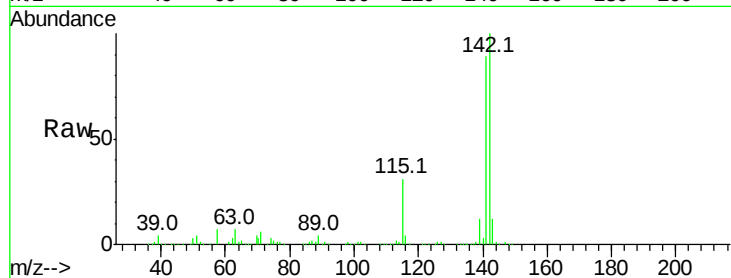
#37  
2-Methylnaphthalene  
Concen: 39.30 ng  
RT: 8.76 min Scan# 1134  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 931613 |       |       |
| 141     | 88.9  | 71.3   | 106.9 |       |
| 115     | 31.3  | 27.1   | 40.7  |       |

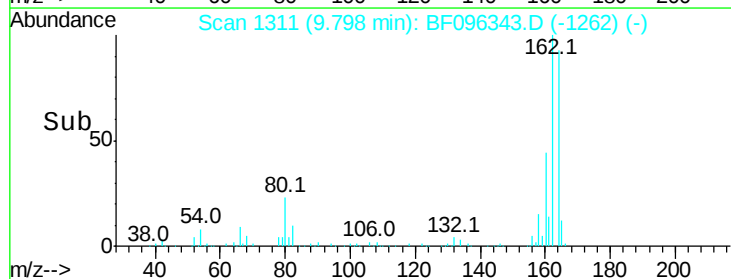
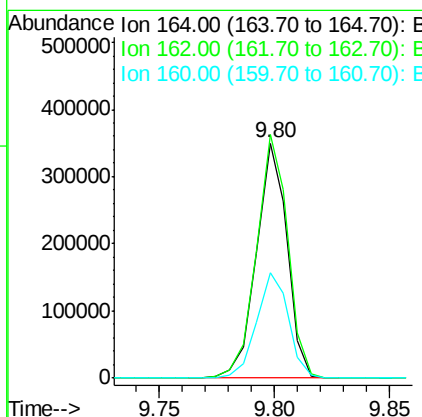
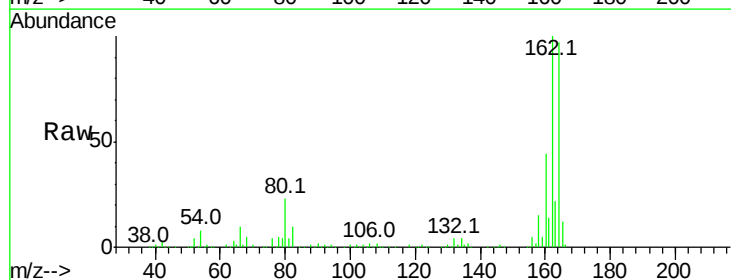
Manual Integrations  
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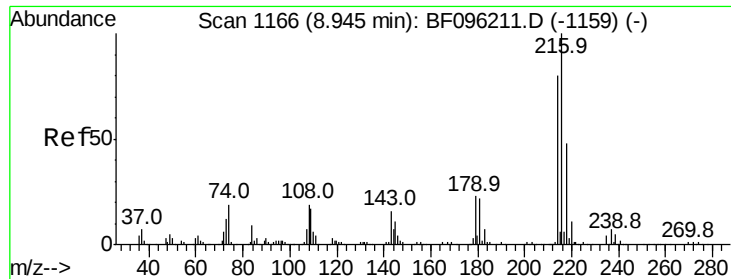
mohammad  
7/3/2017 11:36:58 AM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 324187 |       |       |
| 162     | 103.5 | 82.6   | 123.8 |       |
| 160     | 45.0  | 36.2   | 54.2  |       |





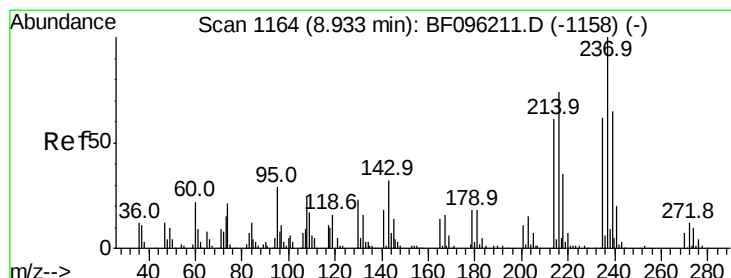
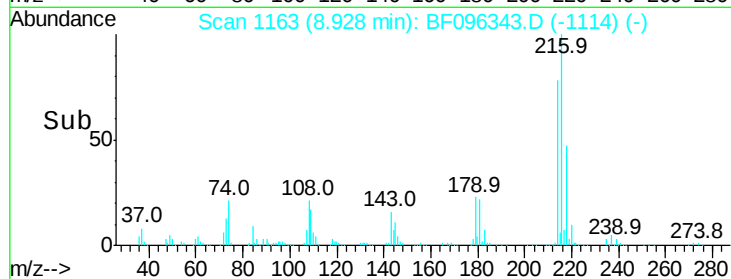
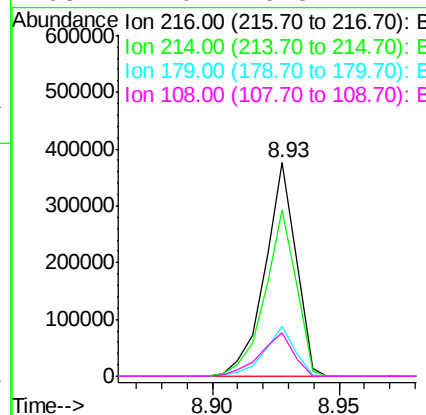
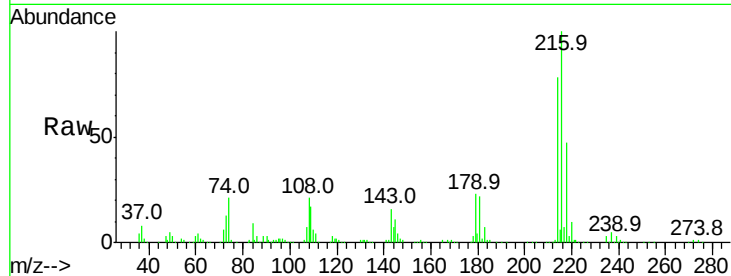
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.63 ng  
 RT: 8.93 min Scan# 1163  
 Delta R.T. -0.01 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 318871 |       |       |
| 214     | 78.5  | 63.4   | 95.2  |       |
| 179     | 22.8  | 17.9   | 26.9  |       |
| 108     | 22.0  | 16.5   | 24.7  |       |

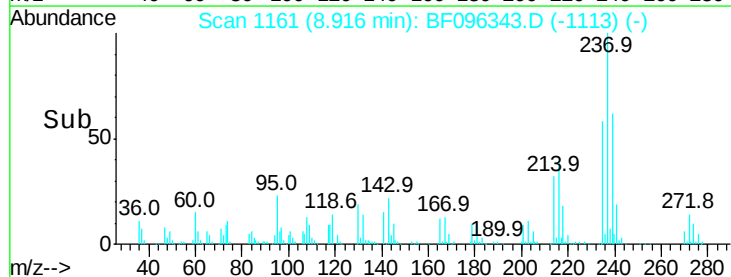
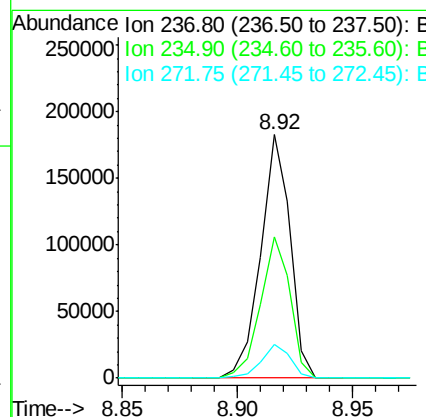
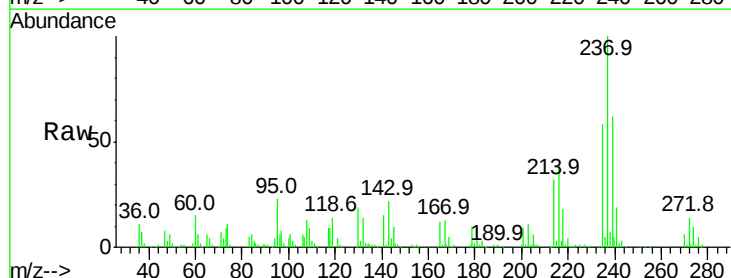
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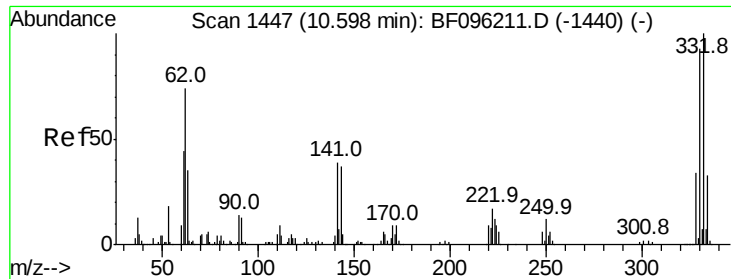
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 7/3/2017 11:36:58 AM



#40  
 Hexachlorocyclopentadiene  
 Concen: 46.19 ng  
 RT: 8.92 min Scan# 1161  
 Delta R.T. -0.02 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 162486 |       |       |
| 235     | 58.3  | 42.6   | 82.6  |       |
| 272     | 13.9  | 0.0    | 31.9  |       |





#41

2,4,6-Tribromophenol

Concen: 109.47 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

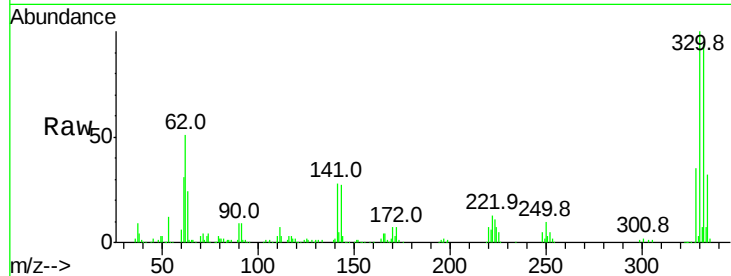
ClientSampleId :

SSTDCCC040

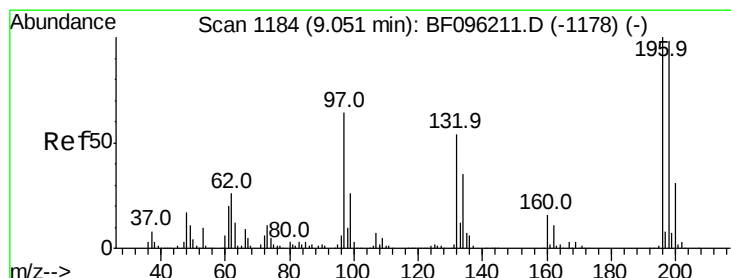
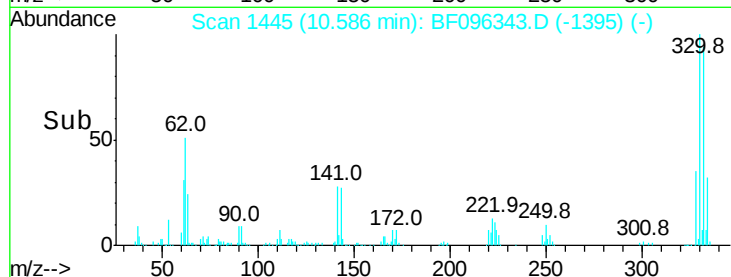
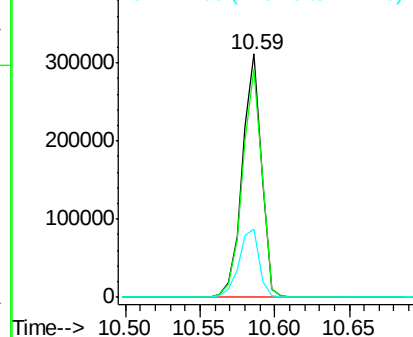
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 279284 |       |       |
| 332     | 95.0  | 76.6   | 115.0 |       |
| 141     | 30.0  | 31.4   | 47.2# |       |

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



#42

2,4,6-Trichlorophenol

Concen: 42.14 ng

RT: 9.03 min Scan# 1181

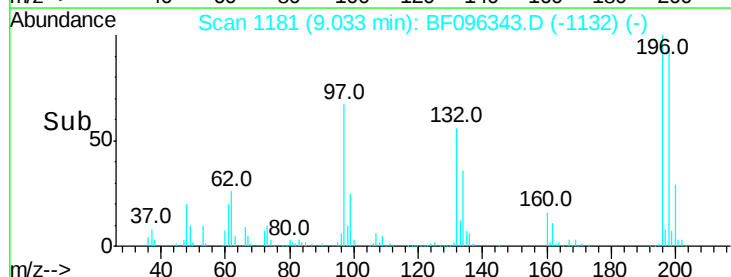
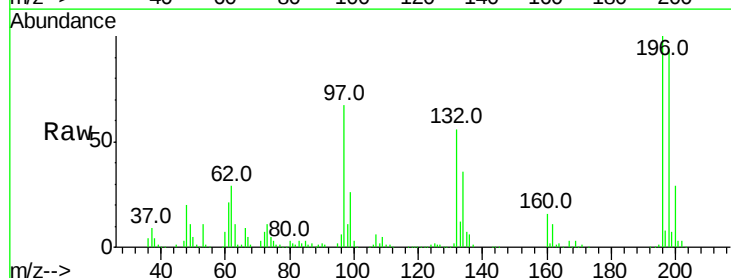
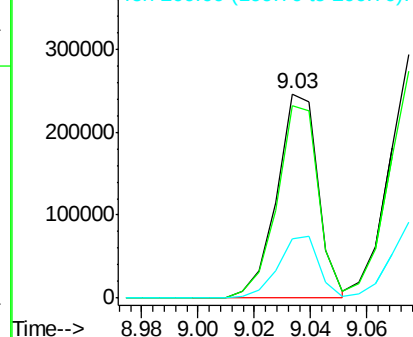
Delta R.T. -0.01 min

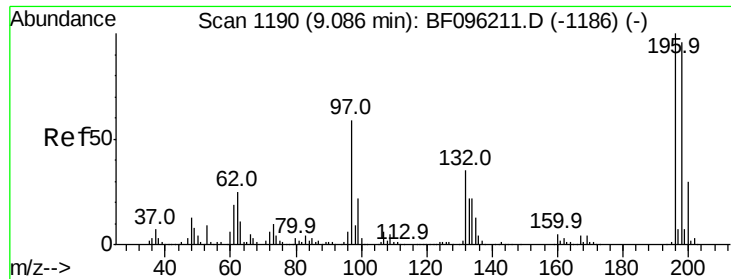
Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 249262 |       |       |
| 198     | 93.9  | 74.2   | 111.4 |       |
| 200     | 29.3  | 24.0   | 36.0  |       |

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





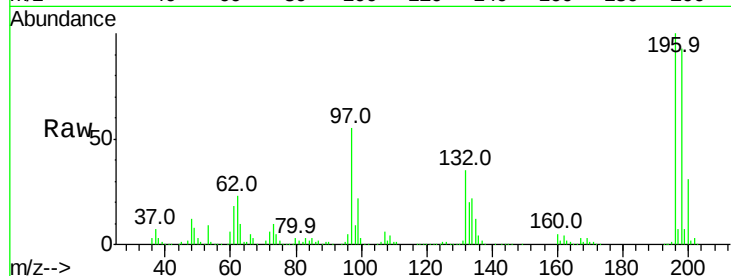
#43  
2,4,5-Trichlorophenol  
Concen: 43.39 ng  
RT: 9.07 min Scan# 1188  
Delta R.T. -0.00 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 270567 |       |       |
| 198     | 93.3  |        | 75.7  | 113.5 |
| 97      | 55.2  |        | 47.7  | 71.5  |
| 132     | 34.8  |        | 28.0  | 42.0  |

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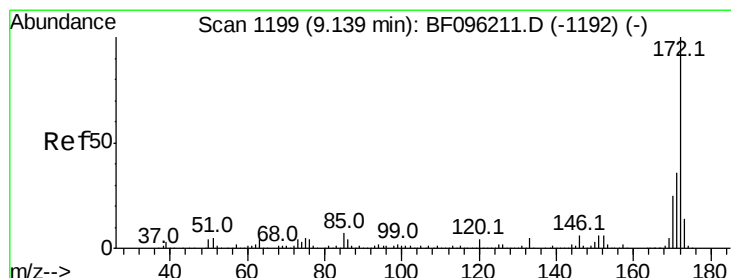
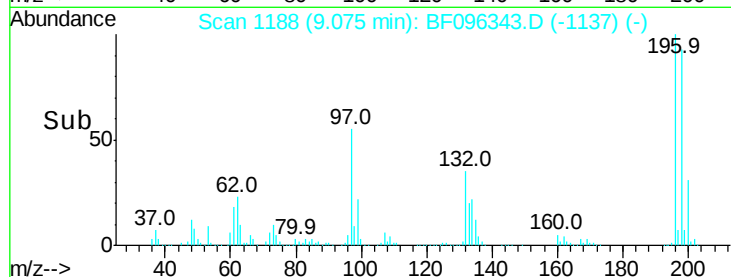
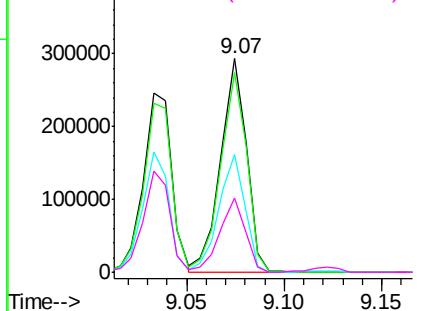
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
2-Fluorobiphenyl  
Concen: 85.39 ng  
RT: 9.12 min Scan# 1196  
Delta R.T. -0.03 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

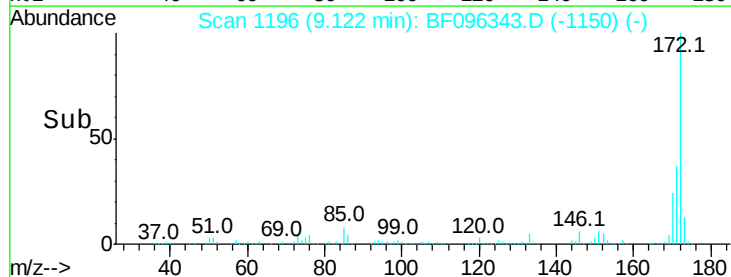
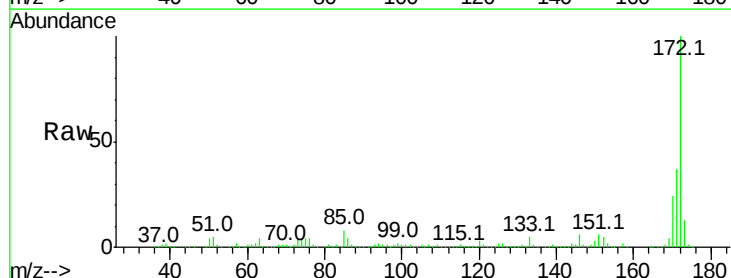
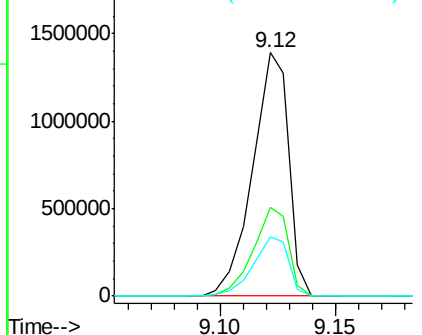
| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1511609 |       |       |
| 171     | 36.6  |         | 29.6  | 44.4  |
| 170     | 24.1  |         | 19.8  | 29.8  |

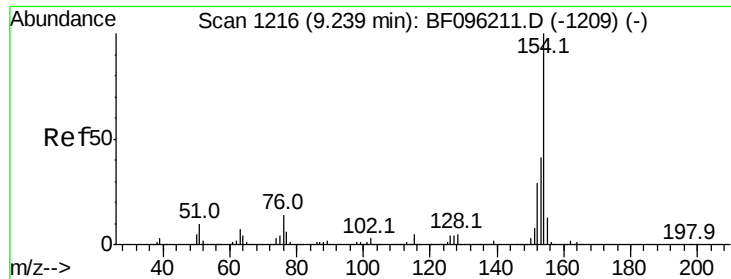
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





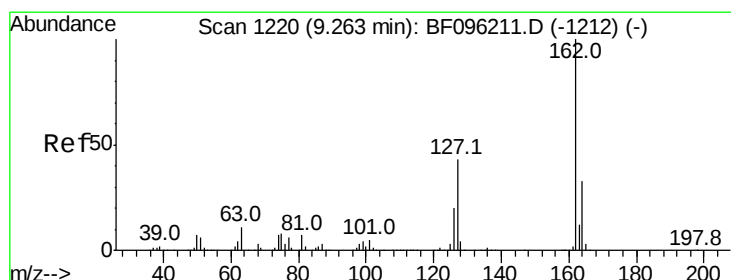
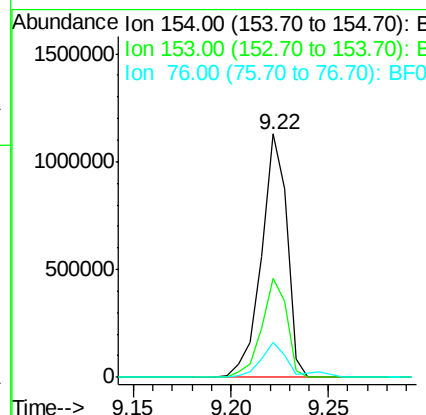
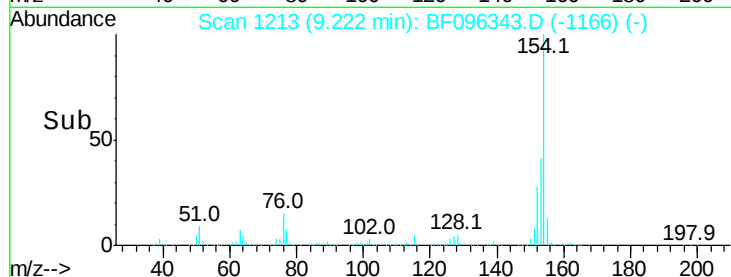
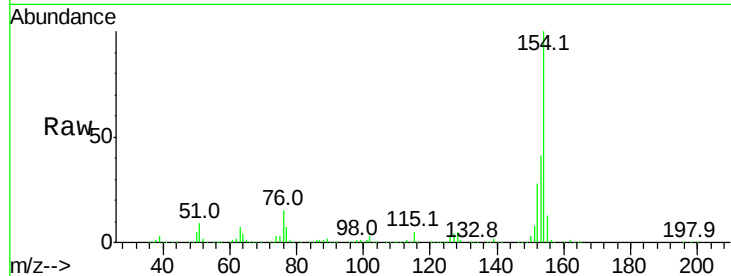
#45  
 1,1'-Biphenyl  
 Concen: 40.91 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. -0.02 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.5  | 21.2  | 61.2  |
| 76      | 14.5  | 0.0   | 29.9  |

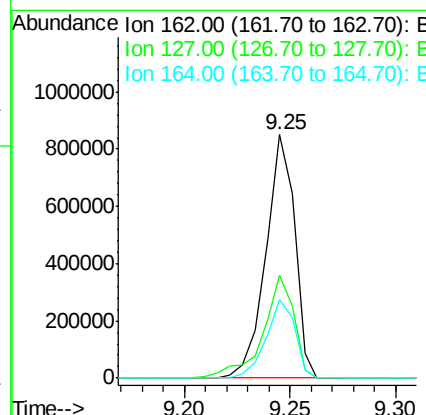
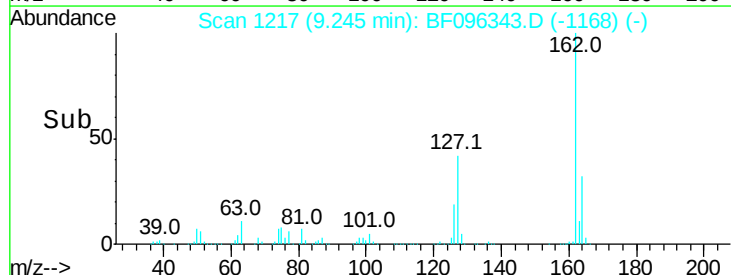
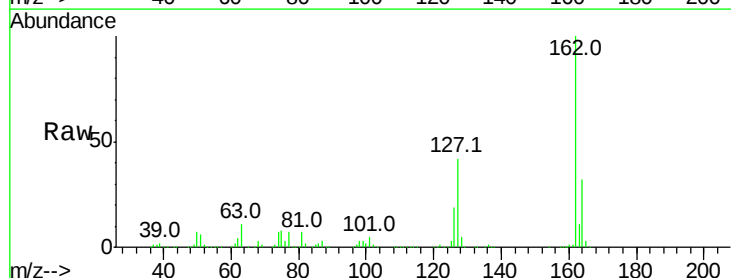
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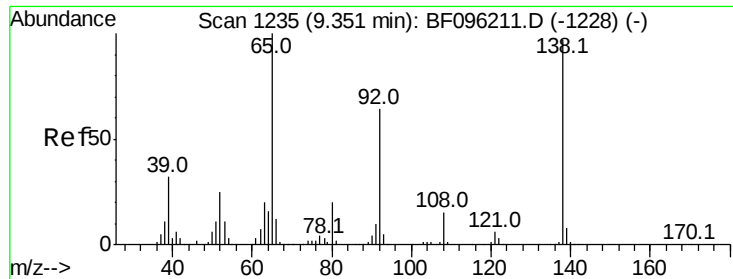
mohammad  
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#46  
 2-Chloronaphthalene  
 Concen: 39.27 ng  
 RT: 9.25 min Scan# 1217  
 Delta R.T. -0.01 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.4  | 28.3  | 42.5  |
| 164     | 32.0  | 27.0  | 40.4  |





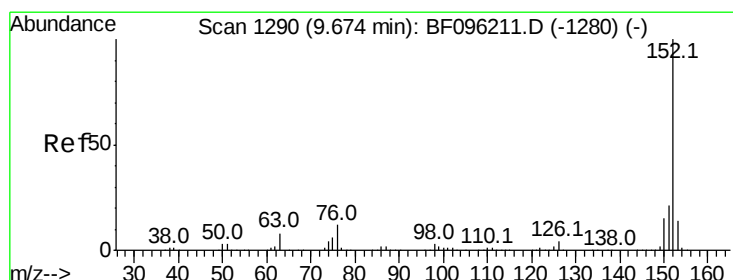
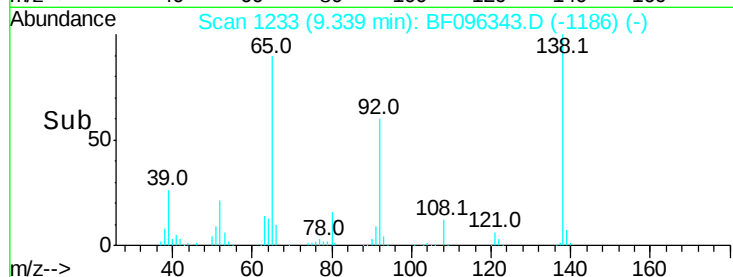
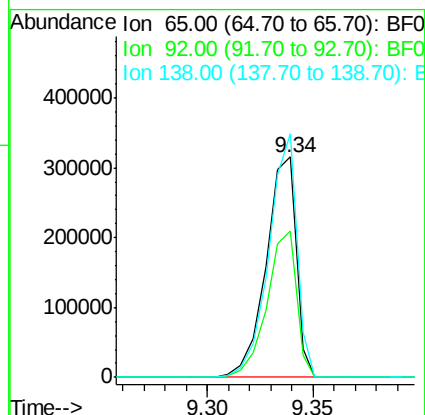
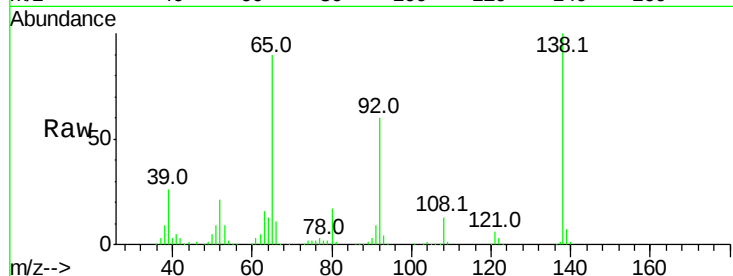
#47  
2-Nitroaniline  
Concen: 48.18 ng  
RT: 9.34 min Scan# 1233  
Delta R.T. -0.02 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.6  | 53.9  | 80.9  |
| 138     | 110.7 | 78.8  | 118.2 |

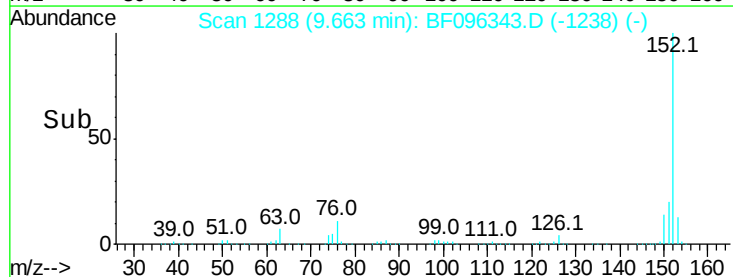
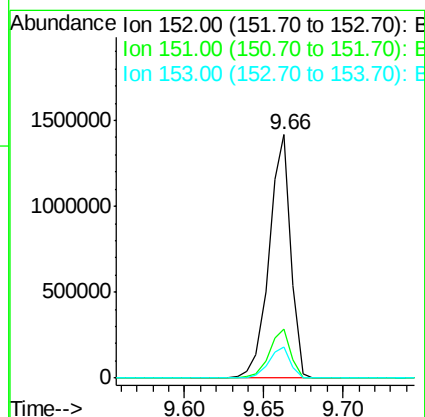
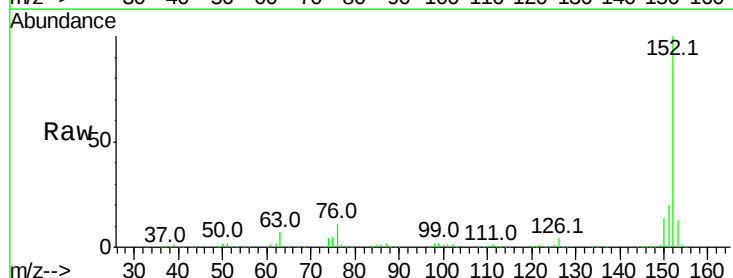
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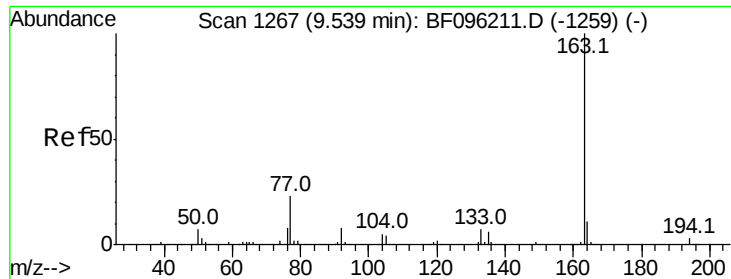
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#48  
Acenaphthylene  
Concen: 39.48 ng  
RT: 9.66 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 16.8  | 25.2  |
| 153     | 12.9  | 10.8  | 16.2  |





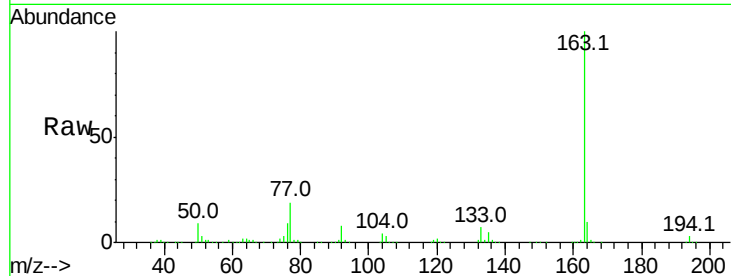
#49  
Dimethylphthalate  
Concen: 39.26 ng  
RT: 9.53 min Scan# 1265  
Delta R.T. -0.00 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

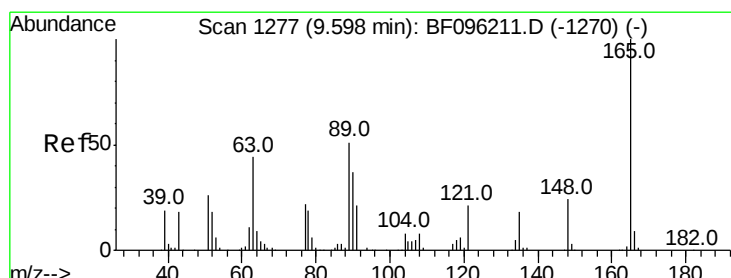
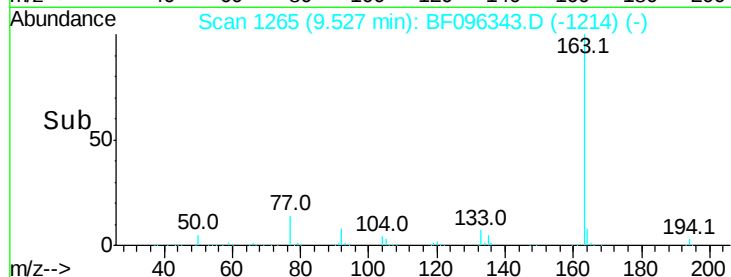
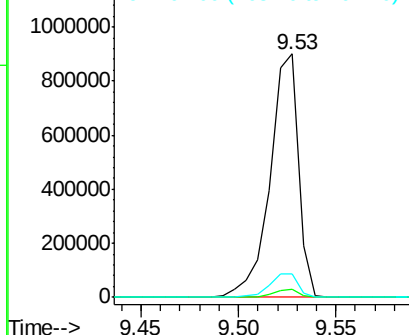
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 3.3   | 2.6  | 4.0   |       |
| 164     | 9.8   | 8.4  | 12.6  |       |

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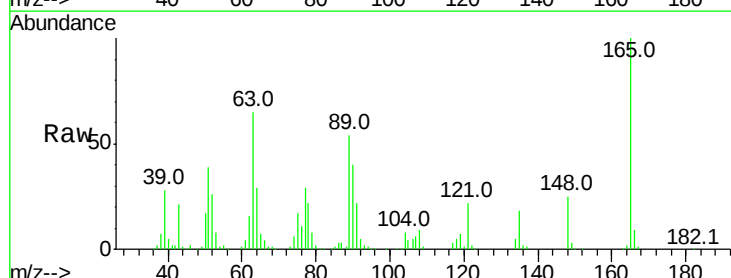


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

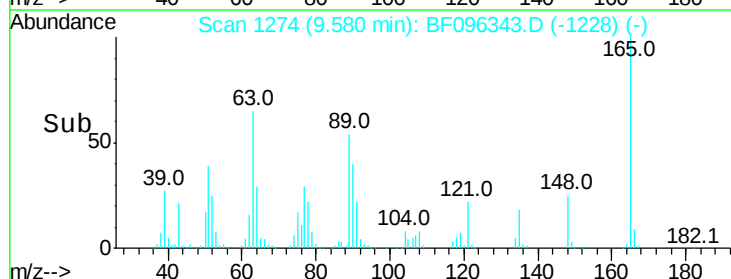
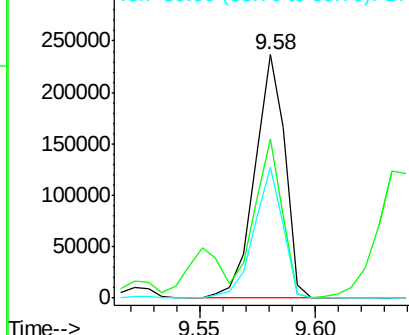


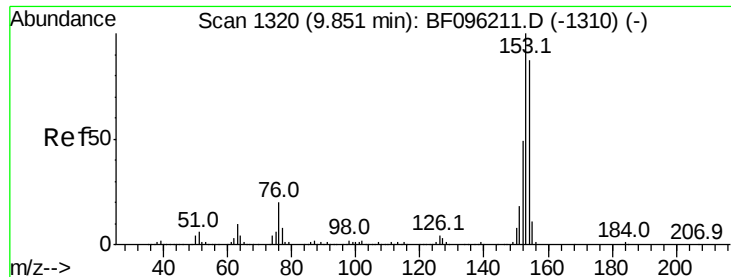
#50  
2,6-Dinitrotoluene  
Concen: 44.54 ng  
RT: 9.58 min Scan# 1274  
Delta R.T. -0.03 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 65.4  | 34.3 | 51.5# |       |
| 89      | 54.0  | 37.1 | 55.7  |       |



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





#51

Acenaphthene

Concen: 40.62 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

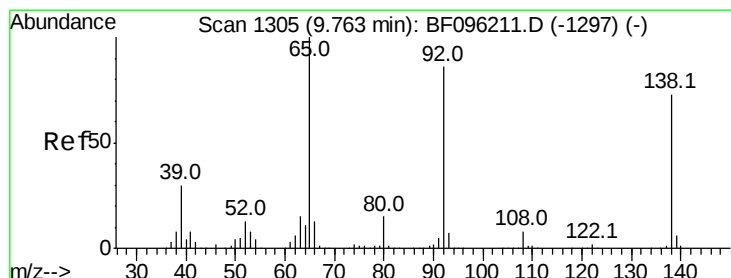
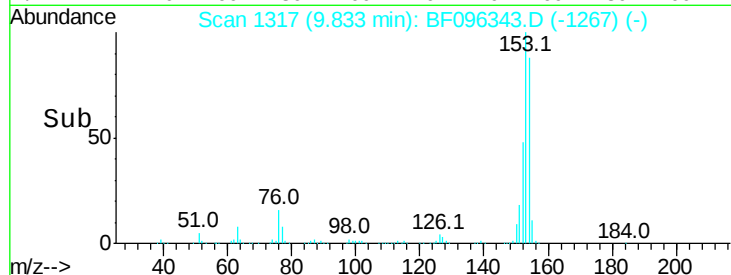
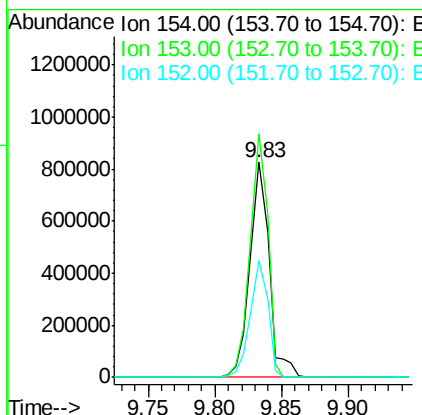
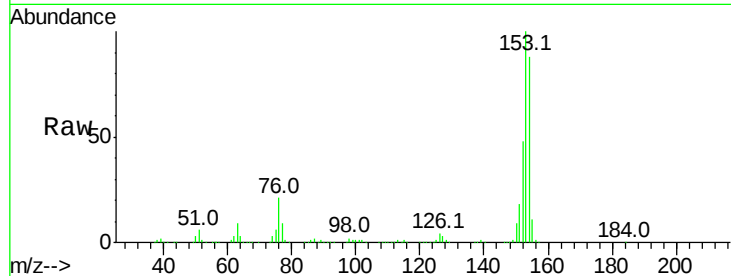
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 818517 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.3 | 90.5  | 135.7  |
| 152       | 54.2  | 43.6  | 65.4   |

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#52

3-Nitroaniline

Concen: 44.47 ng

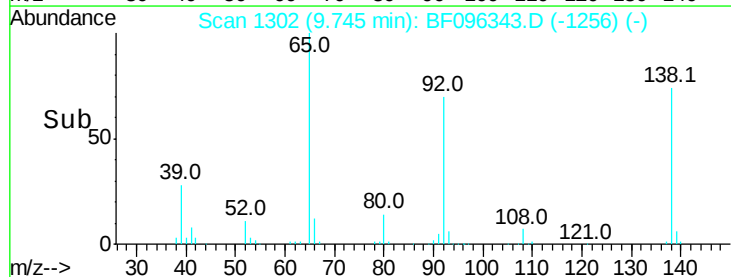
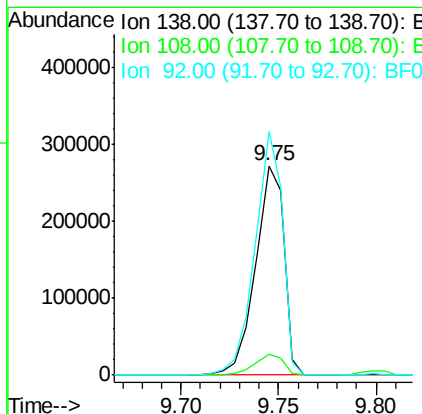
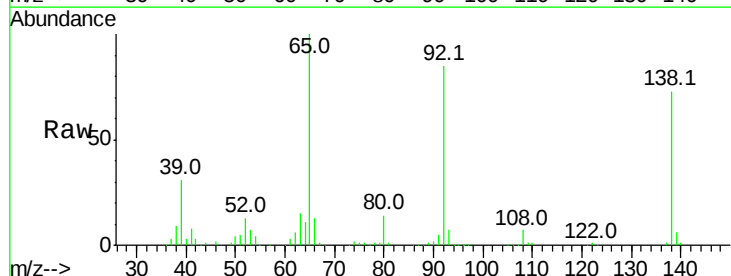
RT: 9.75 min Scan# 1302

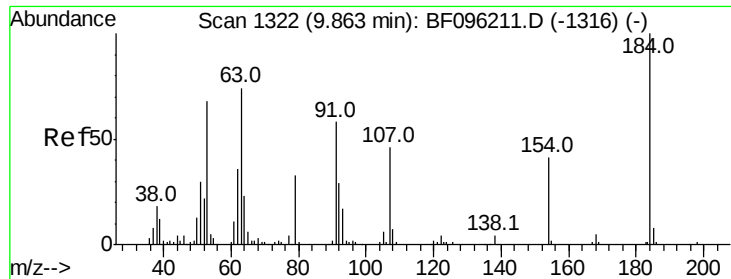
Delta R.T. -0.03 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 274848 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.0  | 9.1   | 13.7   |
| 92        | 116.3 | 93.8  | 140.6  |





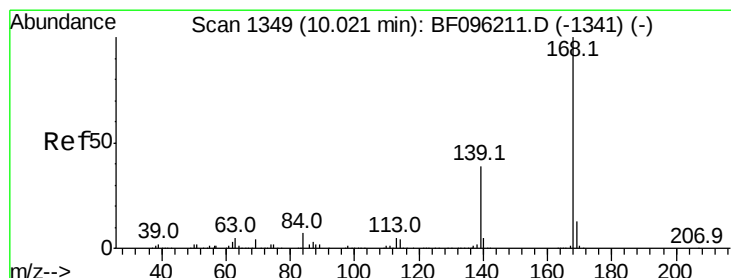
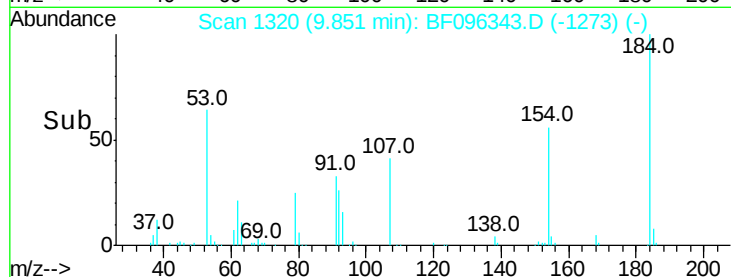
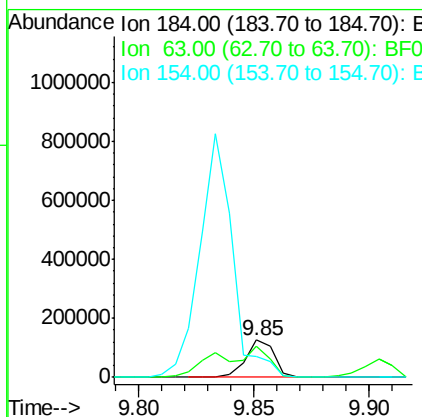
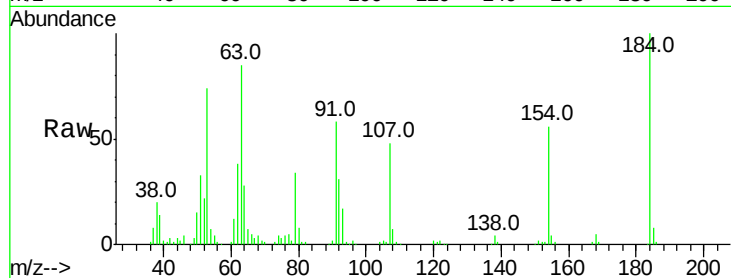
#53  
2,4-Dinitrophenol  
Concen: 59.93 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. -0.02 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 109824 |       |       |
| 63      | 84.6  | 62.7   | 94.1  |       |
| 154     | 56.0  | 81.1   | 121.7 |       |

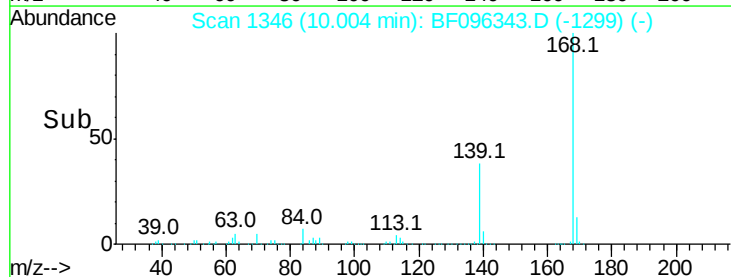
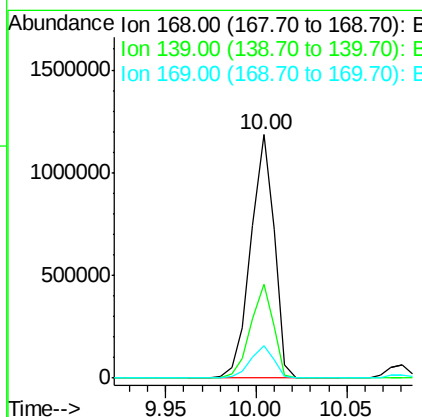
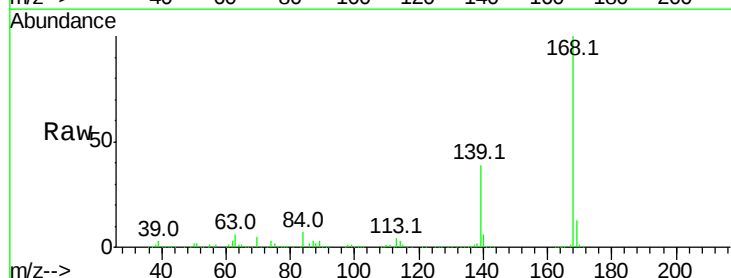
Manual Integrations  
APPROVED

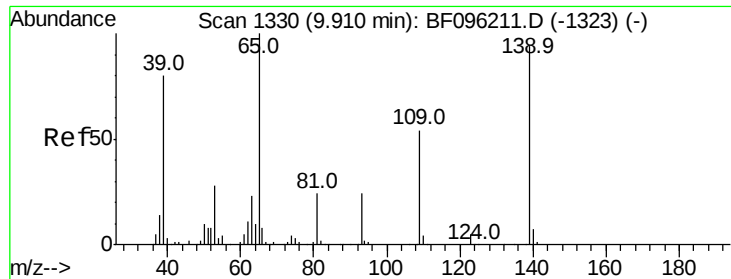
mohammad  
7/3/2017 11:36:58 AM



#54  
Dibenzofuran  
Concen: 40.54 ng  
RT: 10.00 min Scan# 1346  
Delta R.T. -0.02 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1066562 |       |       |
| 139     | 38.6  | 30.6    | 45.8  |       |
| 169     | 13.3  | 10.8    | 16.2  |       |





#55

4-Nitrophenol

Concen: 44.31 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

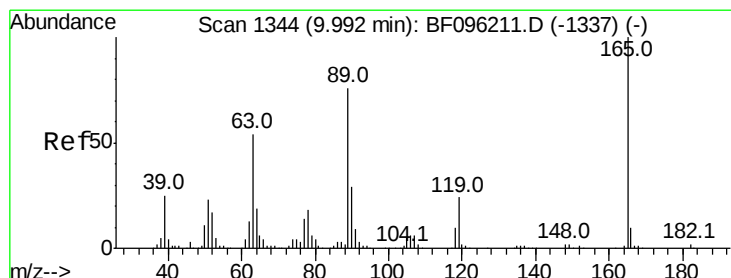
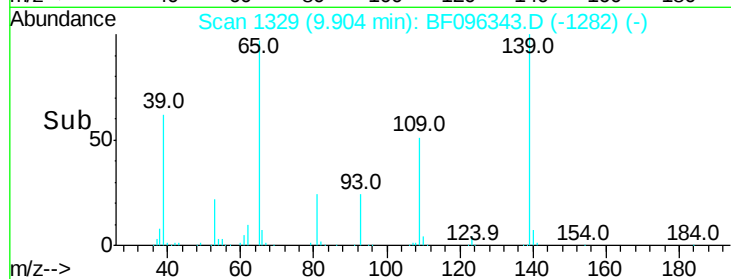
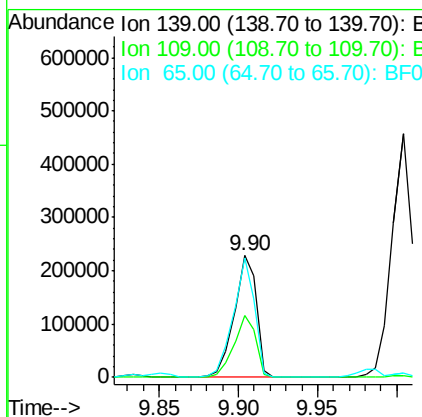
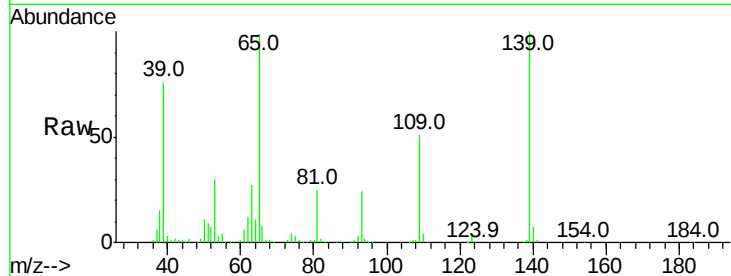
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 221410 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 50.6  | 34.1  | 74.1   |
| 65        | 98.6  | 31.4  | 71.4#  |

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#56

2,4-Dinitrotoluene

Concen: 45.75 ng

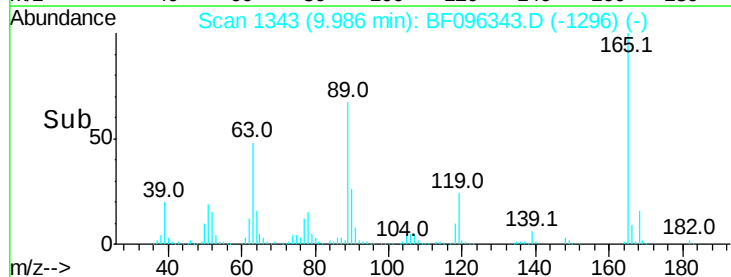
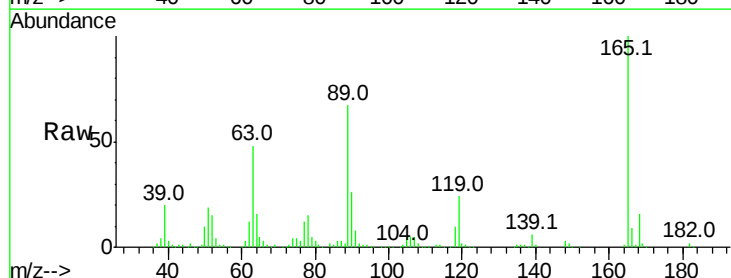
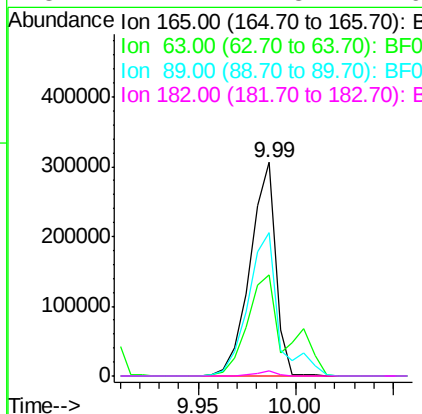
RT: 9.99 min Scan# 1343

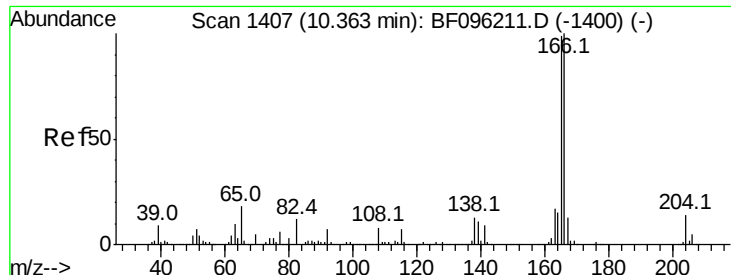
Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 278259 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 47.6  | 25.4  | 38.0#  |
| 89        | 67.1  | 46.4  | 69.6   |
| 182       | 2.2   | 1.8   | 2.6    |





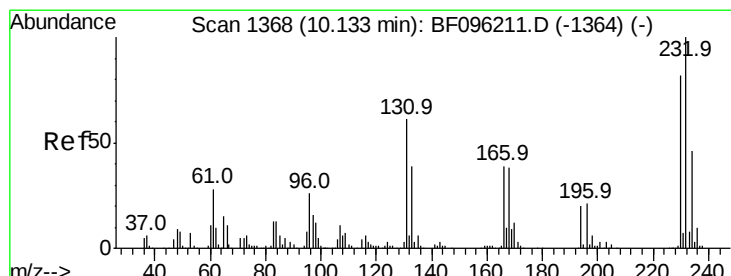
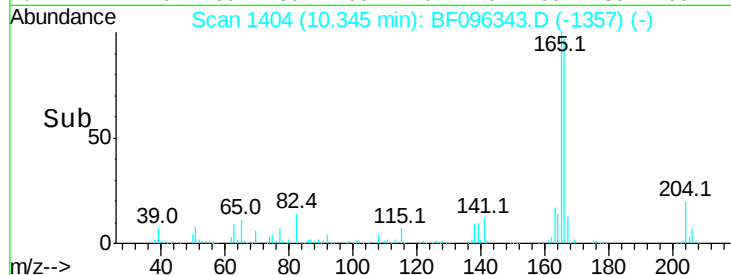
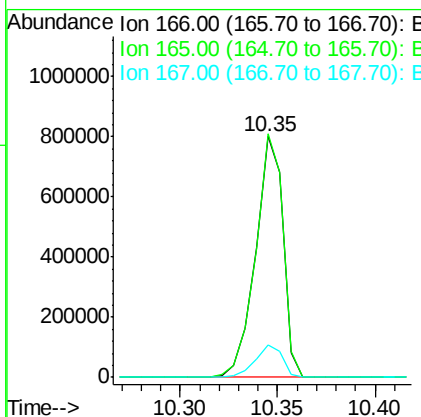
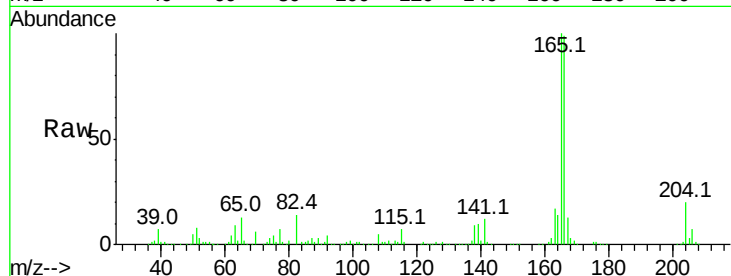
#57  
**Fluorene**  
 Concen: 44.01 ng  
 RT: 10.35 min Scan# 1404  
 Delta R.T. -0.02 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 101.0 | 78.8 | 118.2 |       |
| 167     | 13.5  | 10.6 | 16.0  |       |

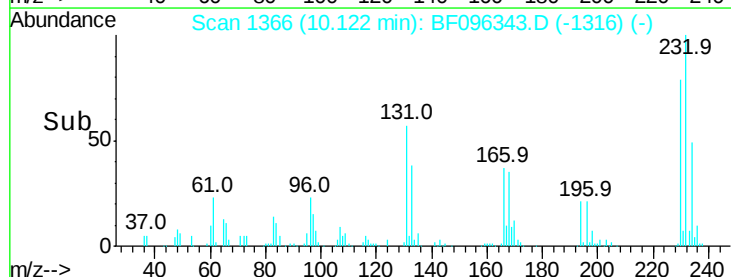
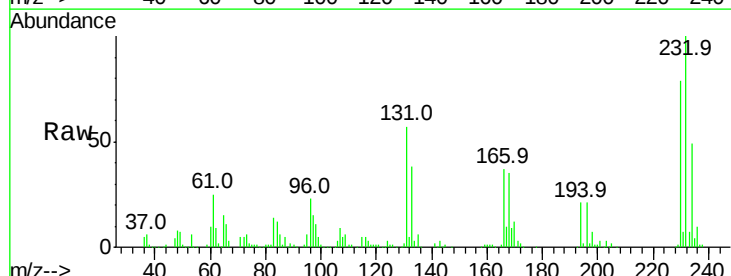
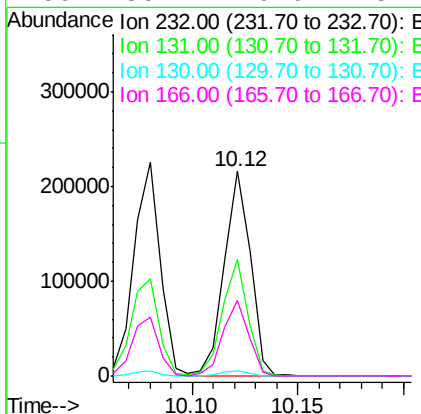
Manual Integrations  
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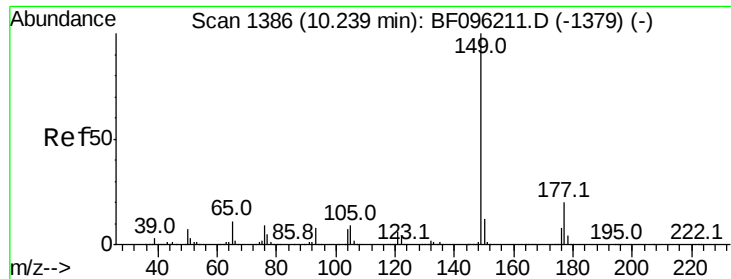
mohammad  
 7/3/2017 11:36:58 AM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 42.52 ng  
 RT: 10.12 min Scan# 1366  
 Delta R.T. -0.01 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 55.2  | 44.8 | 67.2  |       |
| 130     | 2.3   | 2.3  | 3.5#  |       |
| 166     | 36.1  | 29.0 | 43.4  |       |





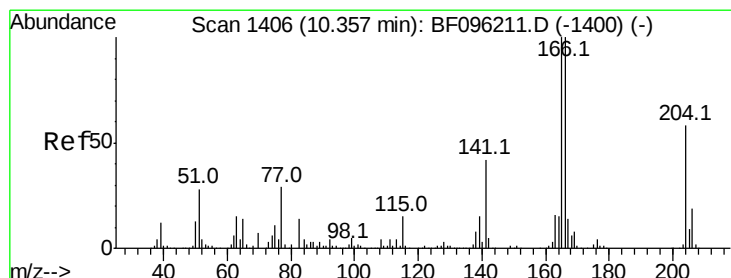
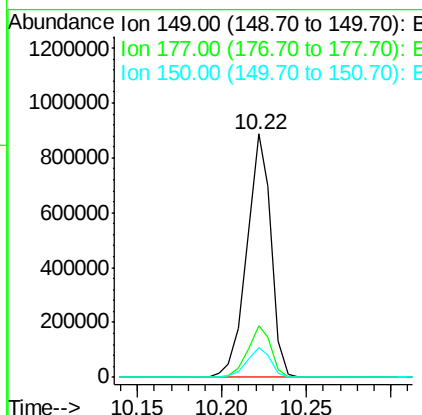
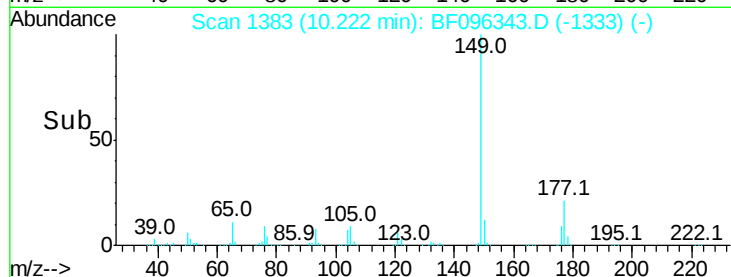
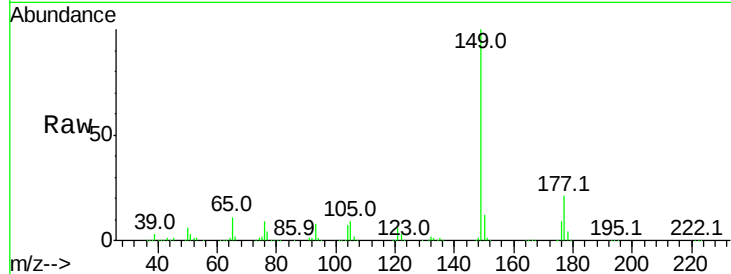
#59  
Diethylphthalate  
Concen: 37.92 ng  
RT: 10.22 min Scan# 1383  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 883344 |       |       |
| 177     | 21.0  | 16.7   | 25.1  |       |
| 150     | 12.4  | 10.2   | 15.2  |       |

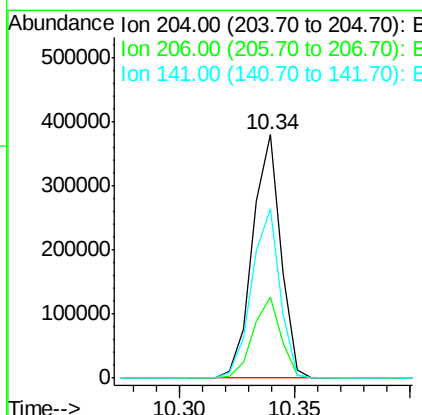
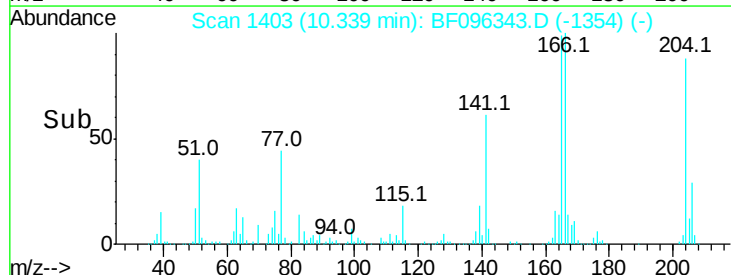
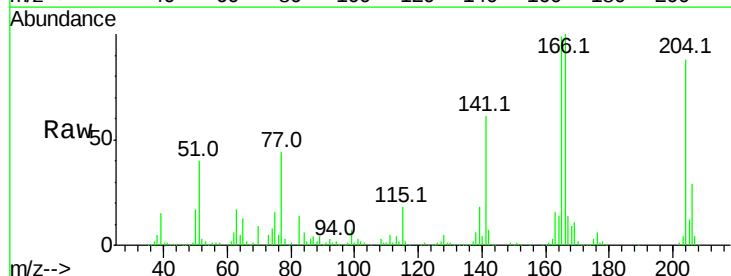
Manual Integrations  
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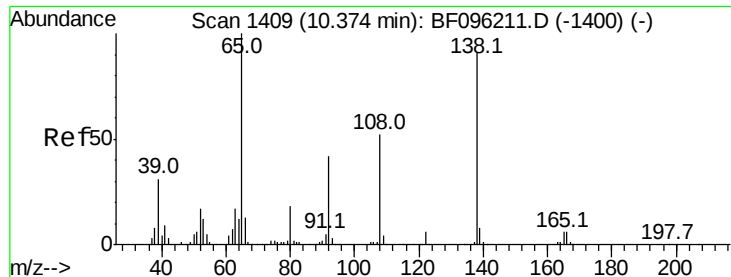
mohammad  
7/3/2017 11:36:58 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 42.83 ng  
RT: 10.34 min Scan# 1403  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 323694 |       |       |
| 206     | 33.5  | 26.2   | 39.2  |       |
| 141     | 69.7  | 60.8   | 91.2  |       |





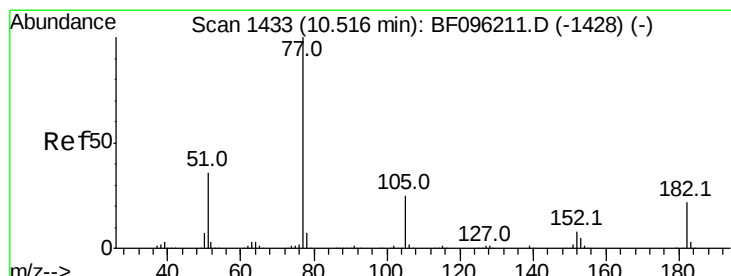
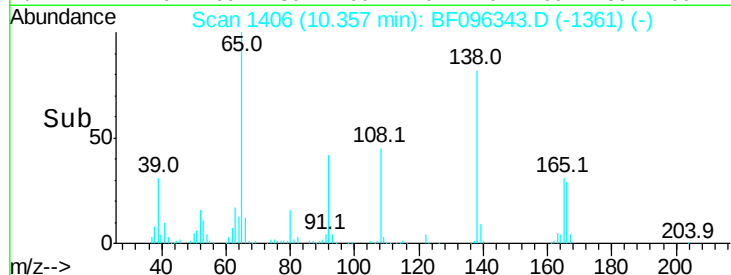
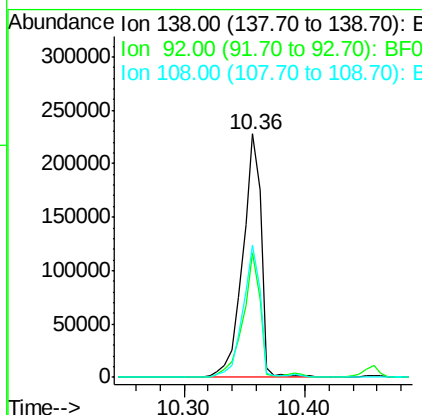
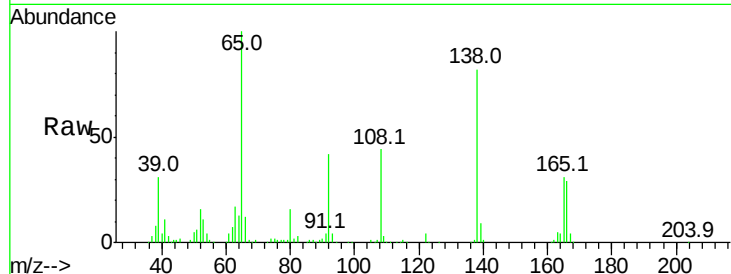
#61  
4-Nitroaniline  
Concen: 45.14 ng  
RT: 10.36 min Scan# 1406  
Delta R.T. -0.04 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 242702 |       |       |
| 92      | 51.1  | 21.8   | 61.8  |       |
| 108     | 54.2  | 42.3   | 82.3  |       |

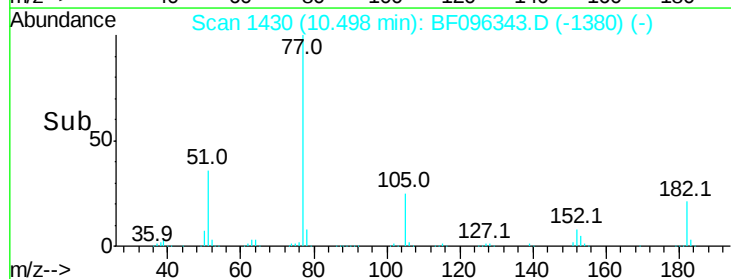
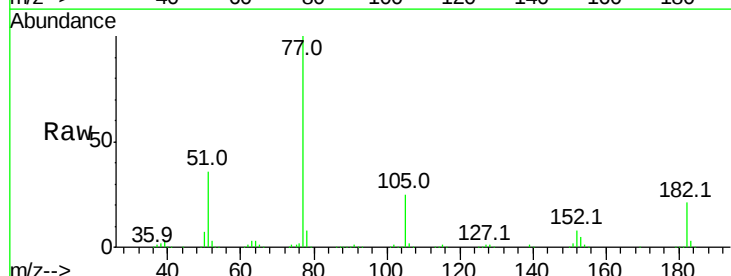
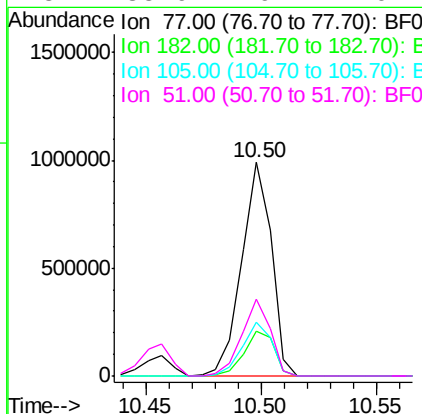
Manual Integrations  
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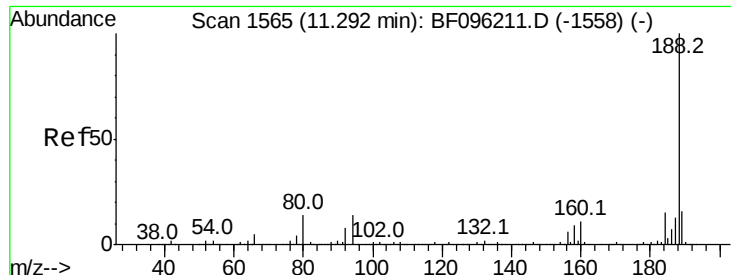
mohammad  
7/3/2017 11:36:58 AM



#62  
Azobenzene  
Concen: 38.12 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 895602 |       |       |
| 182     | 20.8  | 0.1    | 40.1  |       |
| 105     | 25.3  | 3.6    | 43.6  |       |
| 51      | 35.9  | 9.4    | 49.4  |       |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

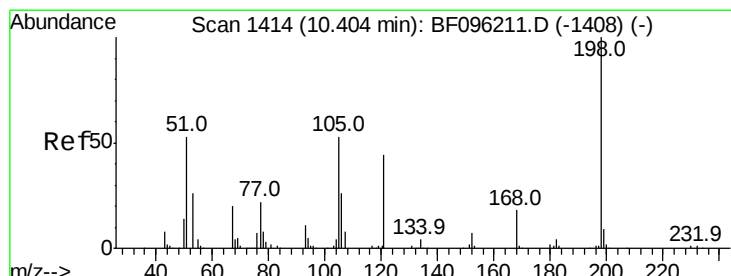
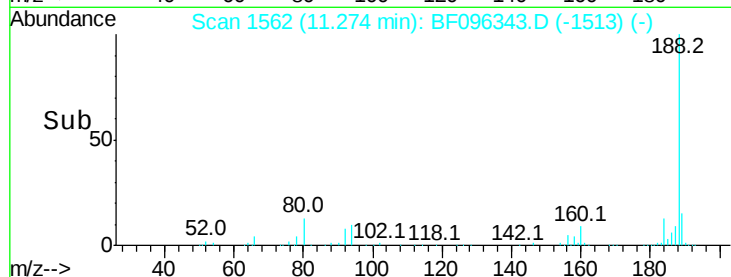
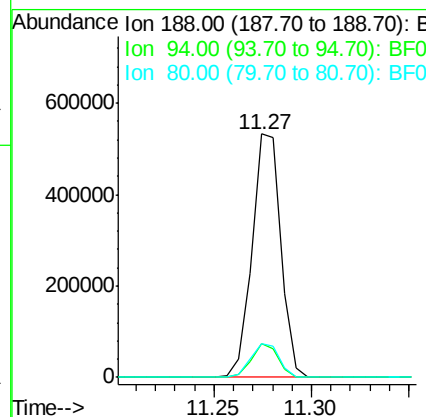
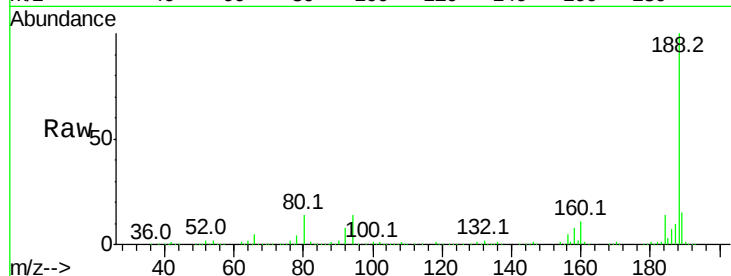
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 542709 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 13.7  | 9.4   | 14.2   |
| 80        | 13.8  | 10.2  | 15.2   |

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#64

4,6-Dinitro-2-methylphenol

Concen: 50.37 ng

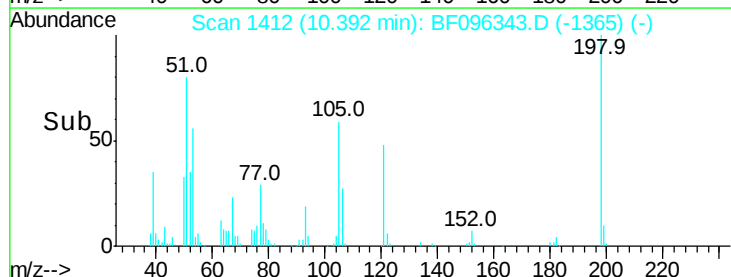
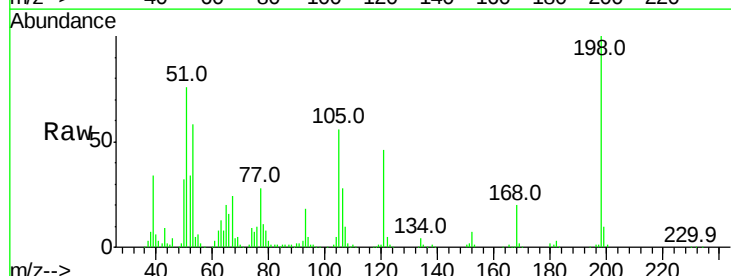
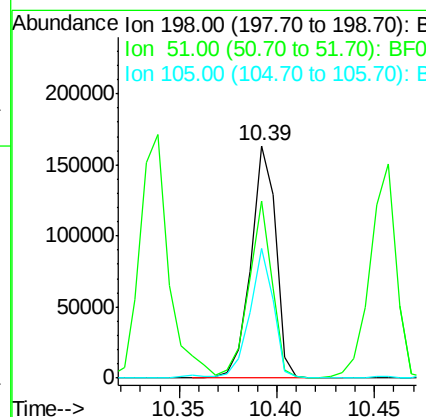
RT: 10.39 min Scan# 1412

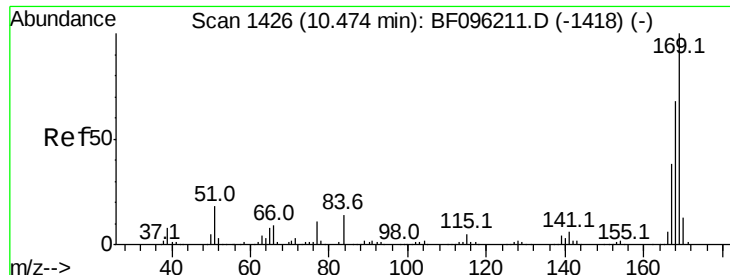
Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 144975 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 75.9  | 53.2  | 93.2   |
| 105       | 55.6  | 45.8  | 85.8   |





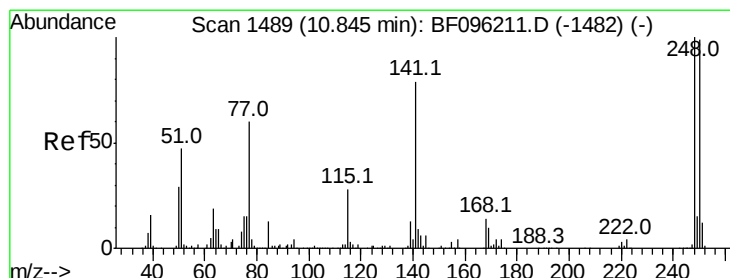
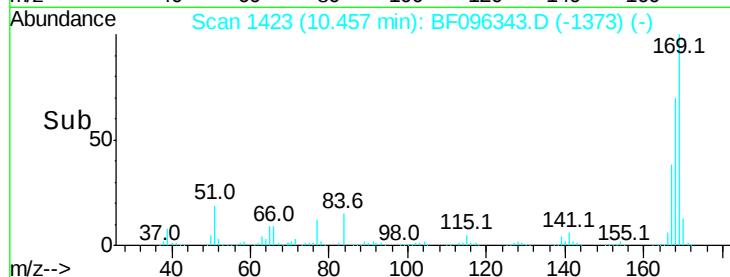
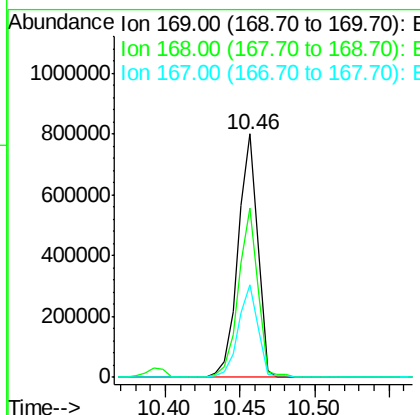
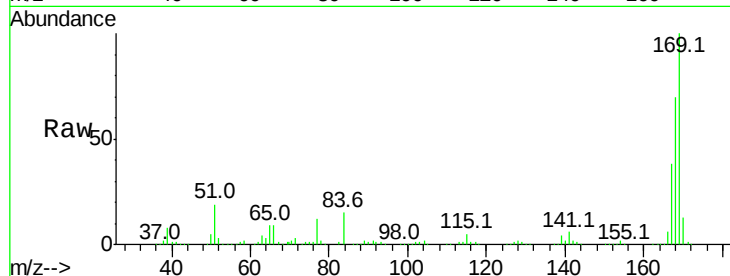
#65  
 n-Nitrosodiphenylamine  
 Concen: 37.74 ng  
 RT: 10.46 min Scan# 1423  
 Delta R.T. -0.01 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 736531 |       |       |
| 168     | 69.6  | 53.2   | 79.8  |       |
| 167     | 37.9  | 29.5   | 44.3  |       |

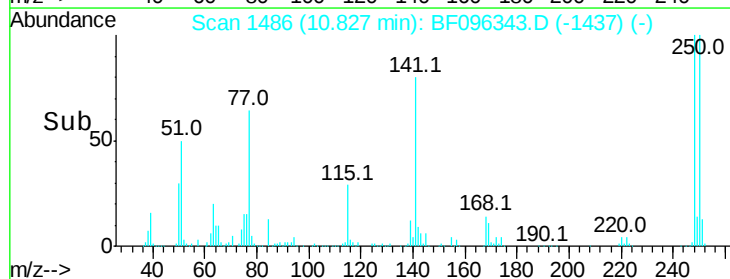
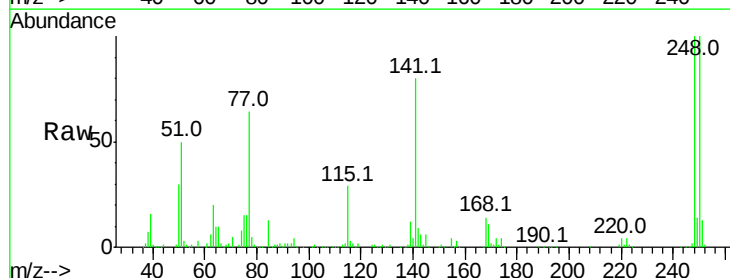
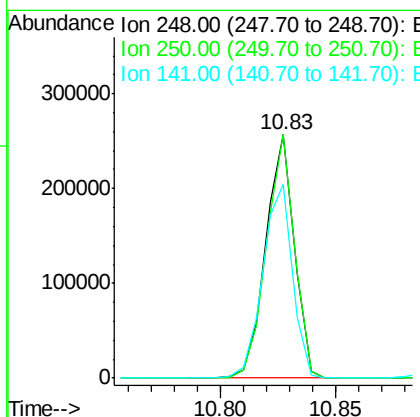
Manual Integrations  
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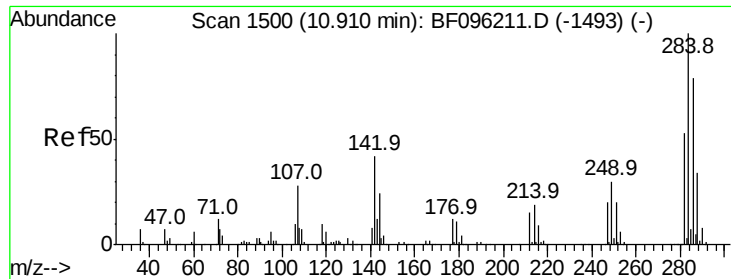
mohammad  
 7/3/2017 11:36:58 AM



#66  
 4-Bromophenyl-phenylether  
 Concen: 39.55 ng  
 RT: 10.83 min Scan# 1486  
 Delta R.T. -0.01 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 220867 |       |       |
| 250     | 99.9  | 76.8   | 115.2 |       |
| 141     | 79.8  | 68.6   | 103.0 |       |





#67

Hexachlorobenzene

Concen: 42.31 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:284 Resp: 242888

Ion Ratio Lower Upper

284 100

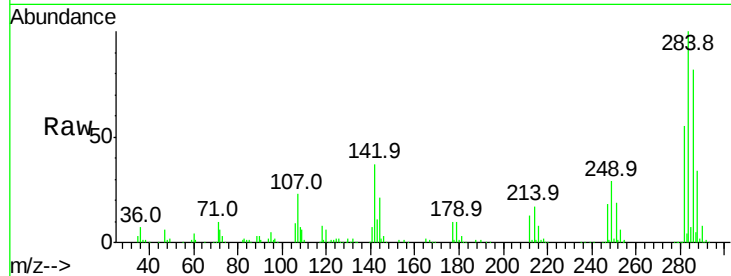
142 36.7 22.8 34.2#

249 28.8 24.0 36.0

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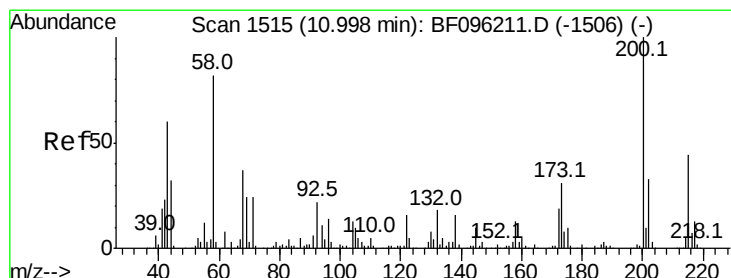
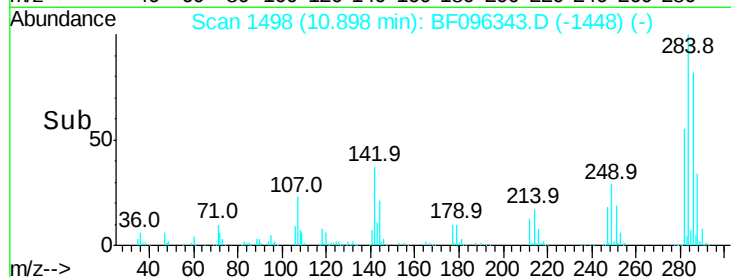
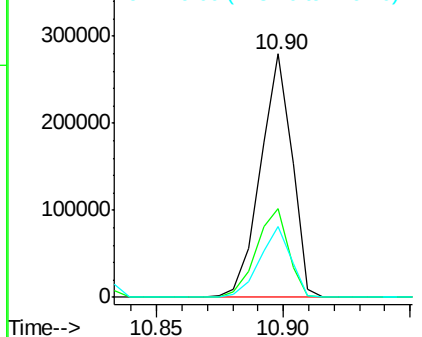
7/3/2017 11:36:58 AM



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: 39.70 ng

RT: 10.99 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

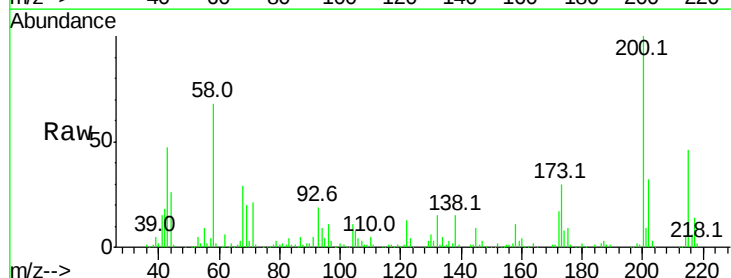
Tgt Ion:200 Resp: 204452

Ion Ratio Lower Upper

200 100

173 29.7 6.3 46.3

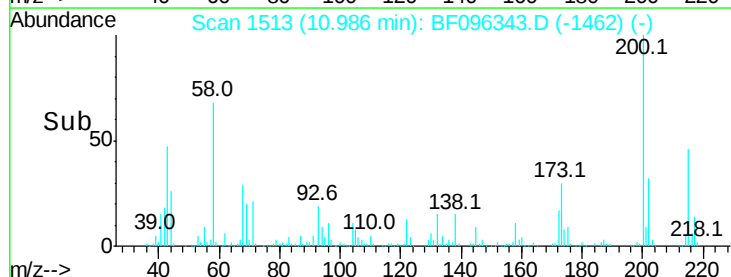
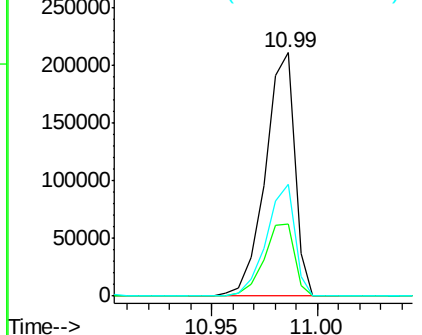
215 45.7 27.2 67.2

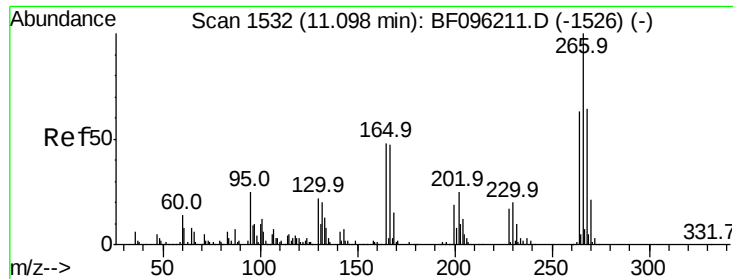


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





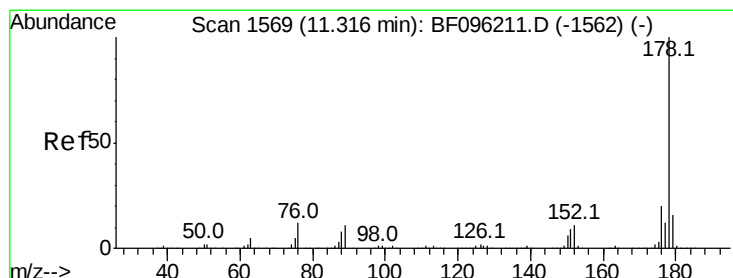
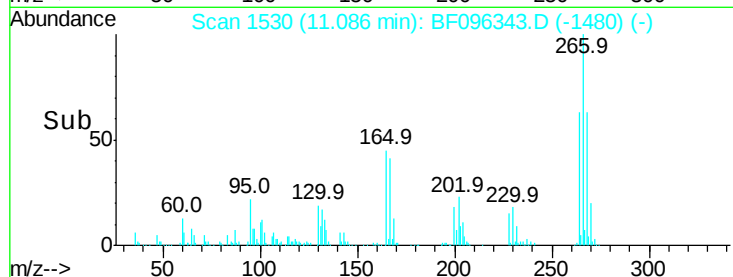
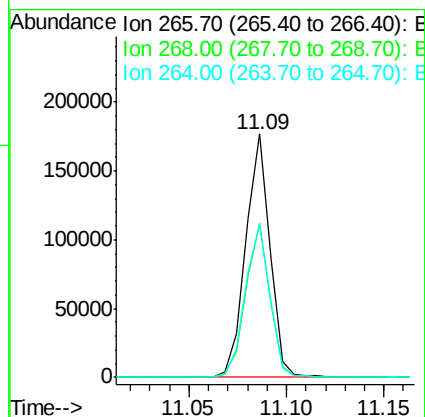
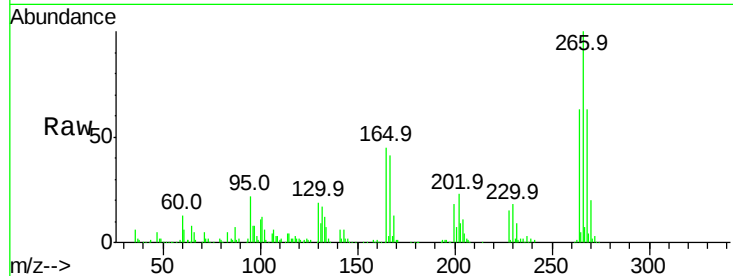
#69  
 Pentachlorophenol  
 Concen: 46.64 ng  
 RT: 11.09 min Scan# 1530  
 Delta R.T. -0.01 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 152839 |       |       |
| 268     | 63.5  | 51.1   | 76.7  |       |
| 264     | 62.6  | 51.7   | 77.5  |       |

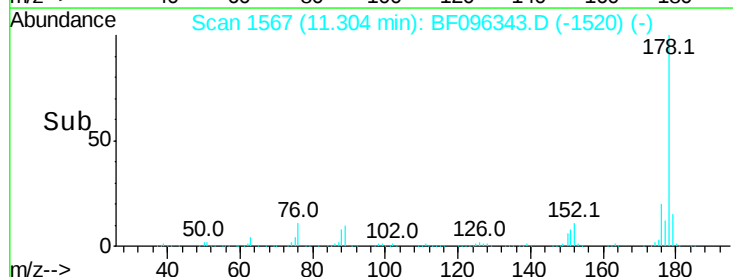
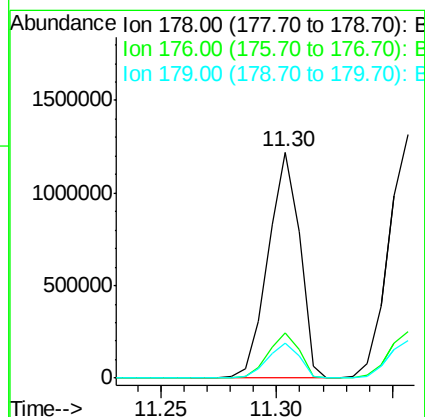
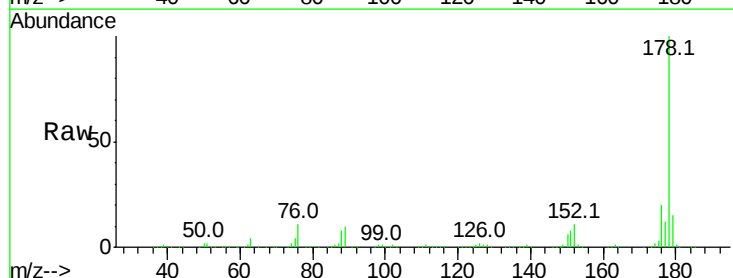
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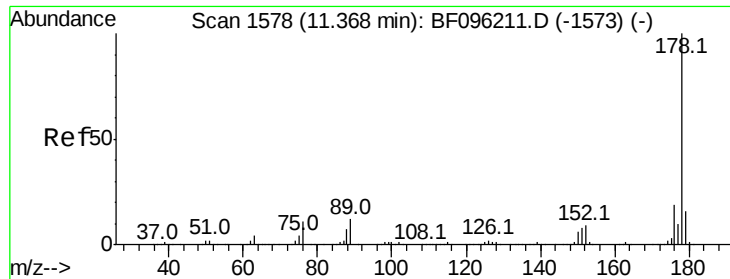
mohammad  
 7/3/2017 11:36:58 AM



#70  
 Phenanthrene  
 Concen: 41.98 ng  
 RT: 11.30 min Scan# 1567  
 Delta R.T. -0.02 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1156604 |       |       |
| 176     | 20.3  | 16.2    | 24.4  |       |
| 179     | 15.5  | 12.6    | 19.0  |       |





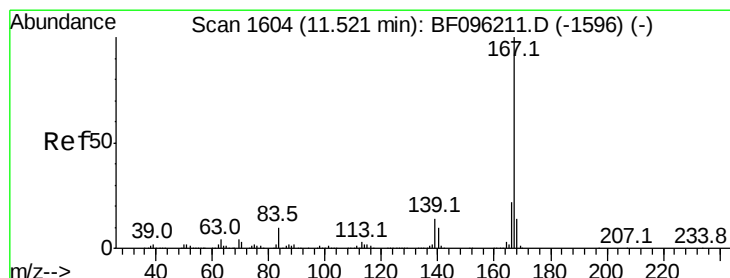
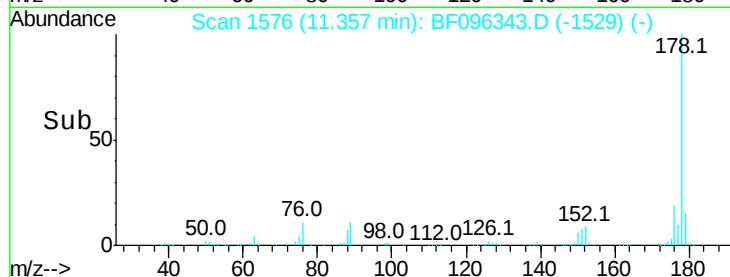
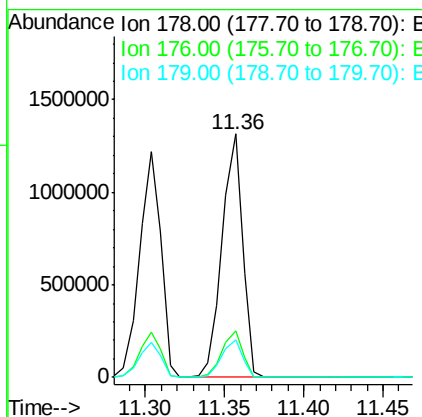
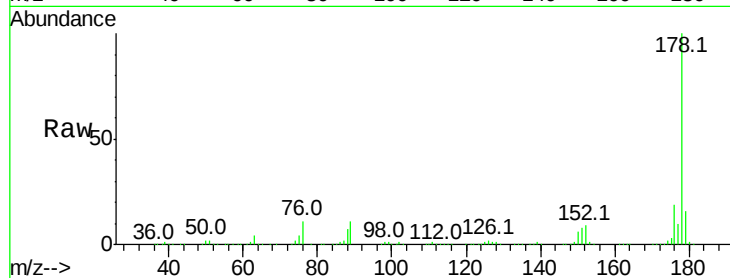
#71  
 Anthracene  
 Concen: 39.32 ng  
 RT: 11.36 min Scan# 1576  
 Delta R.T. -0.02 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 1192501  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.8 23.8  
 179 15.5 12.7 19.1

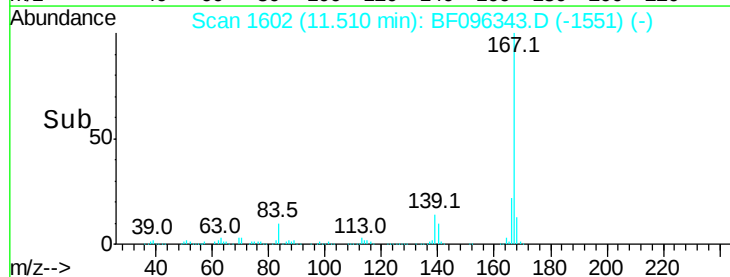
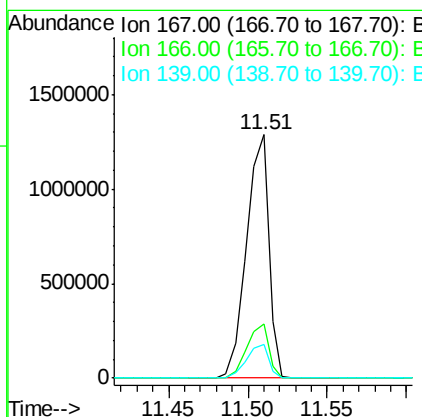
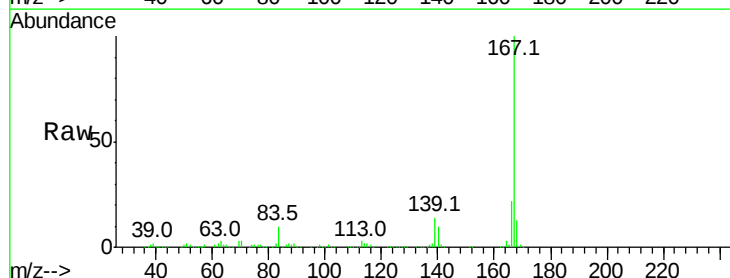
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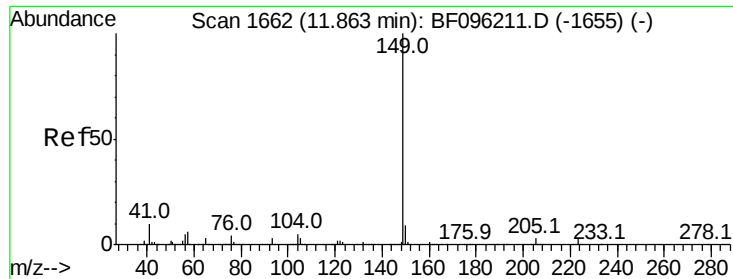
mohammad  
 7/3/2017 11:36:58 AM



#72  
 Carbazole  
 Concen: 37.55 ng  
 RT: 11.51 min Scan# 1602  
 Delta R.T. -0.00 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

Tgt Ion:167 Resp: 1257168  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 18.1 27.1  
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 38.25 ng

RT: 11.85 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1352286

Ion Ratio Lower Upper

149 100

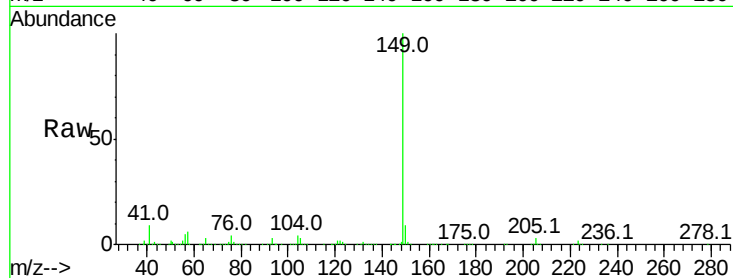
150 9.2 7.7 11.5

104 4.4 4.0 6.0

Manual Integrations  
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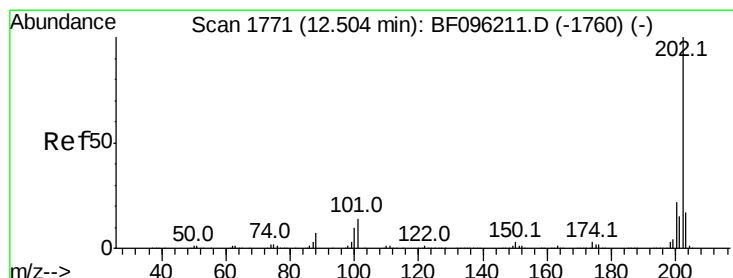
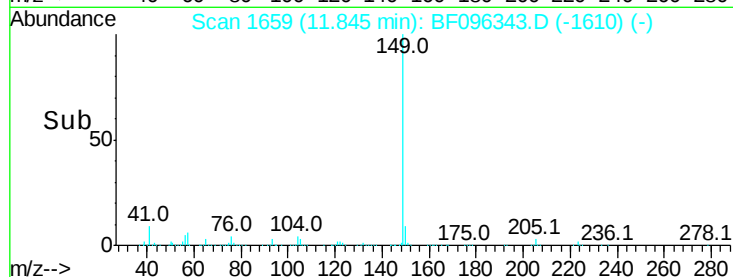
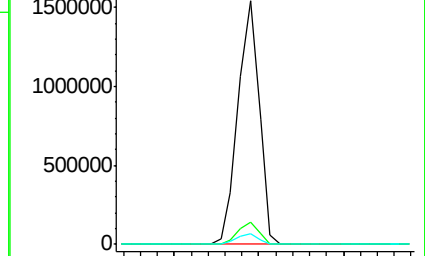
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.91 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

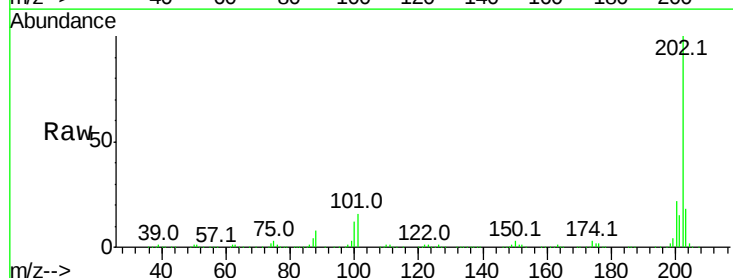
Tgt Ion:202 Resp: 1142956

Ion Ratio Lower Upper

202 100

101 16.4 0.0 33.2

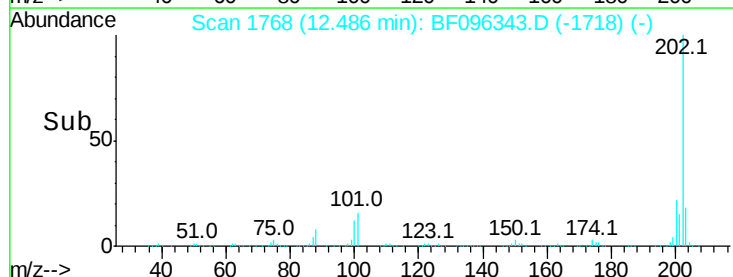
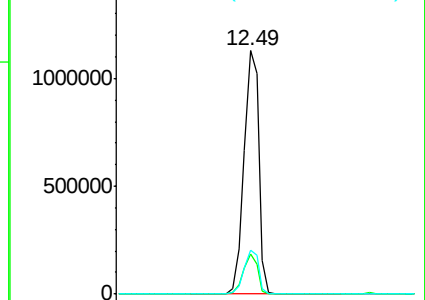
203 18.2 0.0 38.1

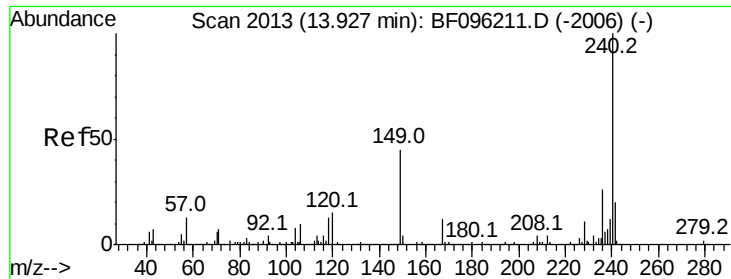


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

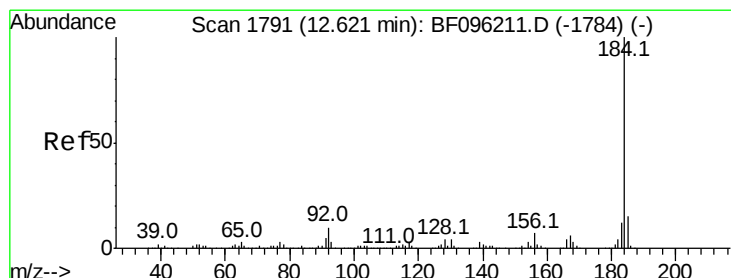
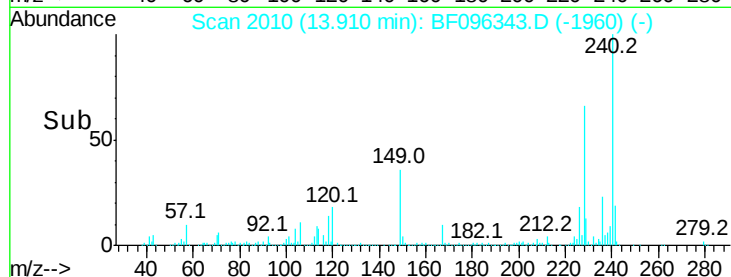
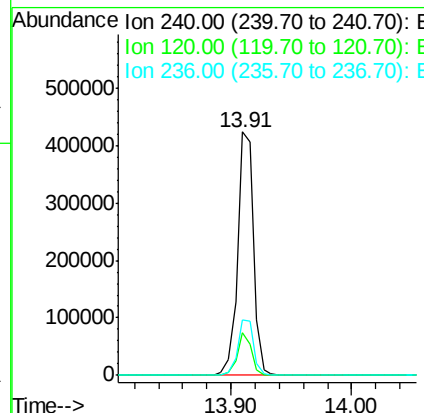
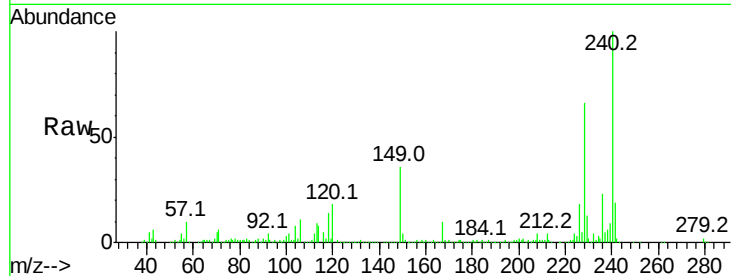
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 17.7  | 5.8   | 8.8#  |
| 236     | 23.0  | 20.5  | 30.7  |

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#76

Benzidine

Concen: 35.08 ng

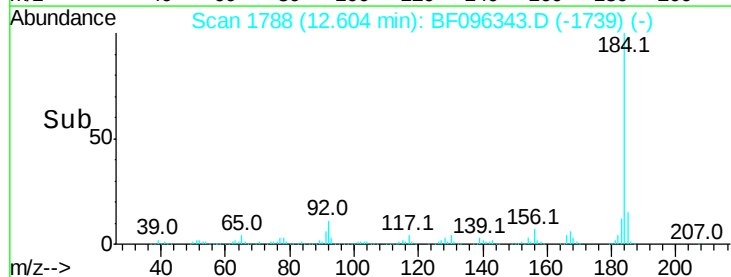
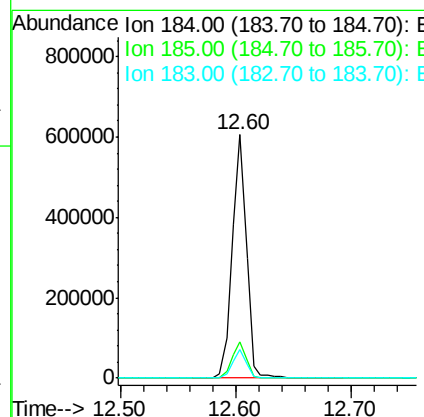
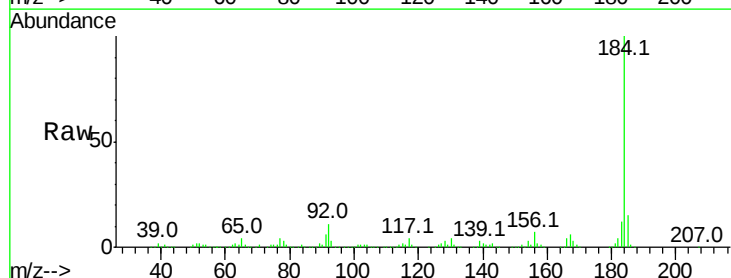
RT: 12.60 min Scan# 1788

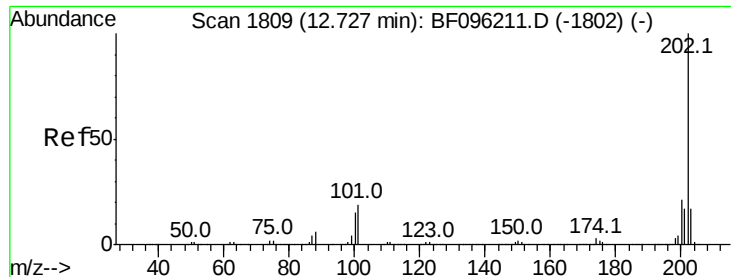
Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.1  | 15.5  | 23.3# |
| 183     | 12.0  | 9.8   | 14.6  |





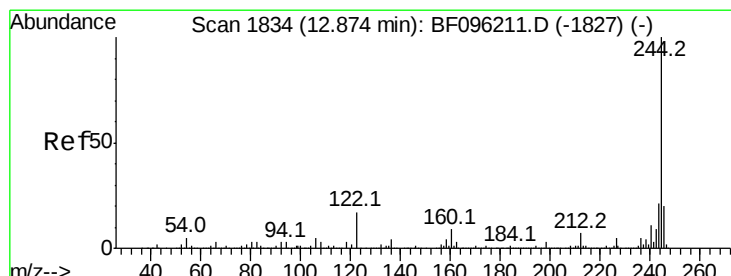
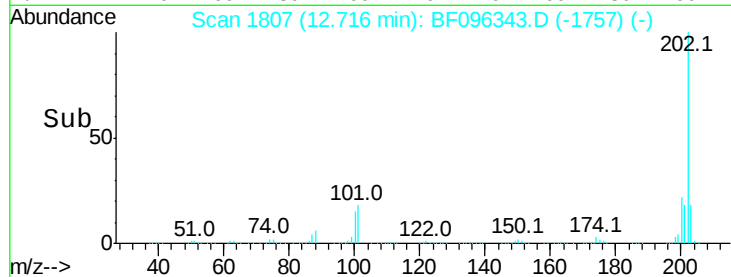
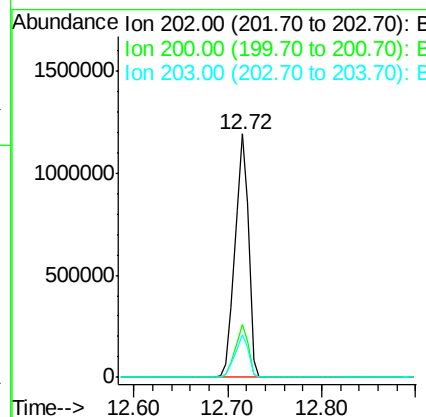
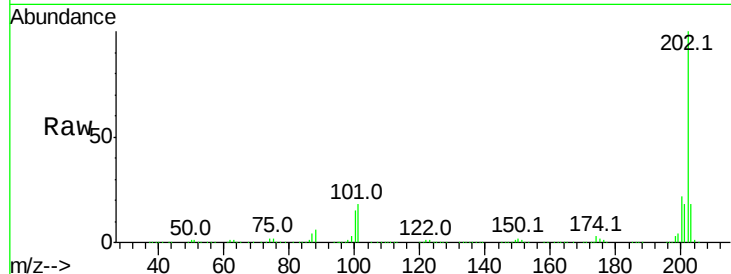
#77  
Pvrene  
Concen: 37.07 ng  
RT: 12.72 min Scan# 1807  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:202 Resp: 1190849  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.6 26.4  
203 17.7 14.4 21.6

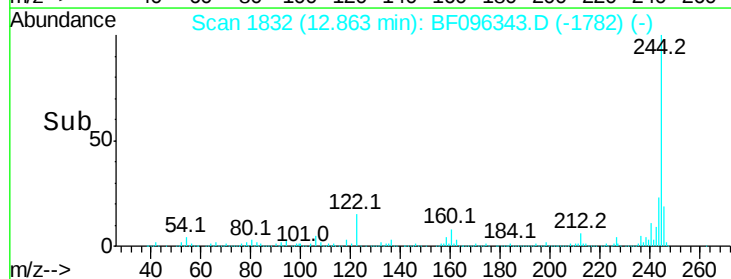
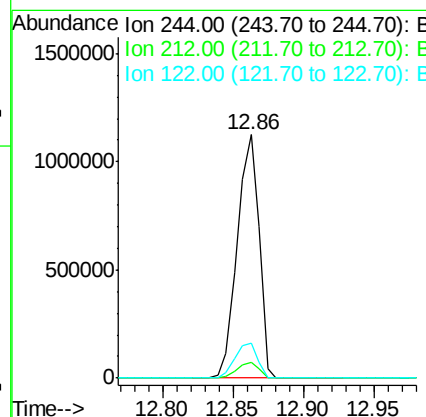
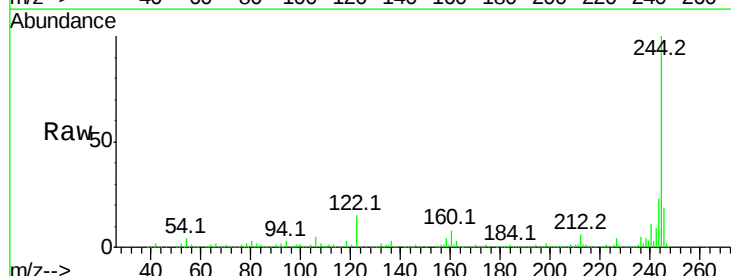
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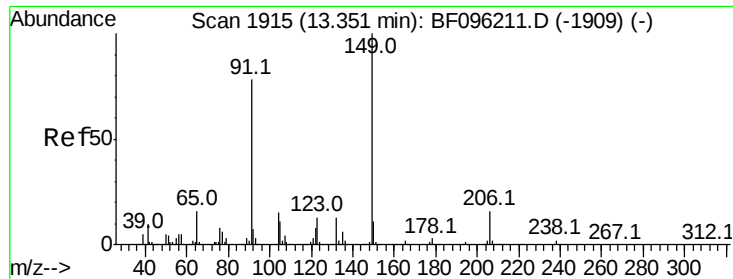
mohammad  
7/3/2017 11:36:58 AM



#78  
Terphenyl-d14  
Concen: 76.89 ng  
RT: 12.86 min Scan# 1832  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Tgt Ion:244 Resp: 1204295  
Ion Ratio Lower Upper  
244 100  
212 6.5 6.0 9.0  
122 14.6 10.3 15.5





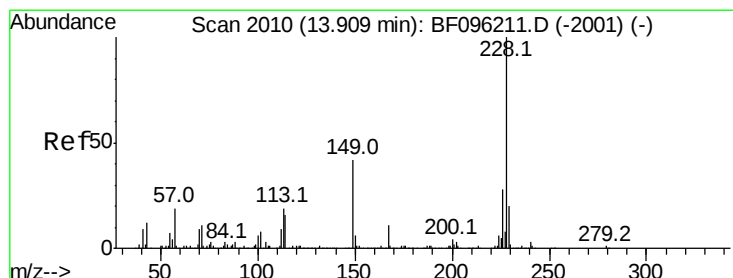
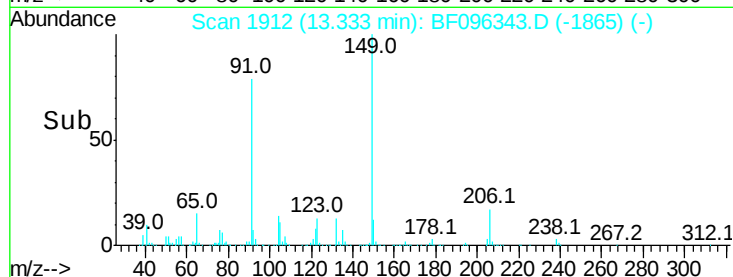
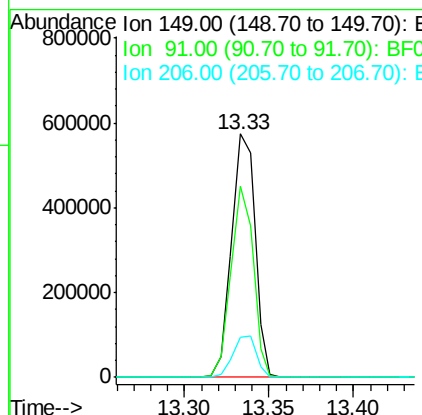
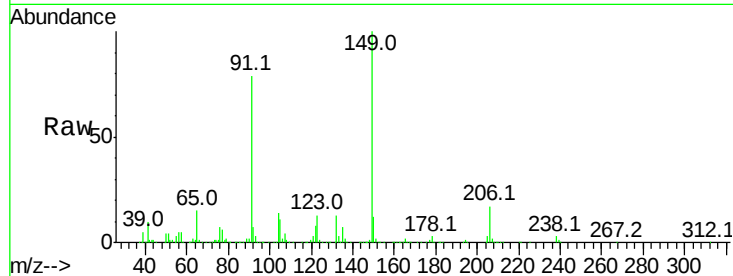
#79  
Butylbenzylphthalate  
Concen: 37.71 ng  
RT: 13.33 min Scan# 1912  
Delta R.T. -0.02 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 78.7  | 45.0  | 67.4# |
| 206     | 16.7  | 17.0  | 25.6# |

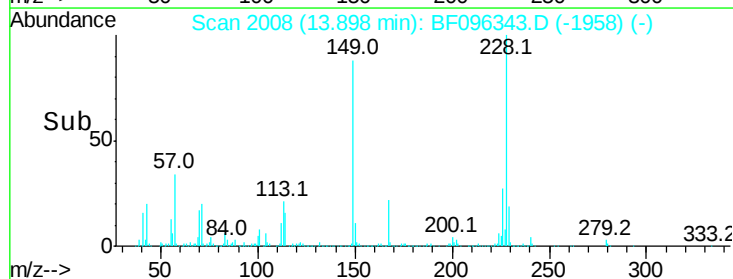
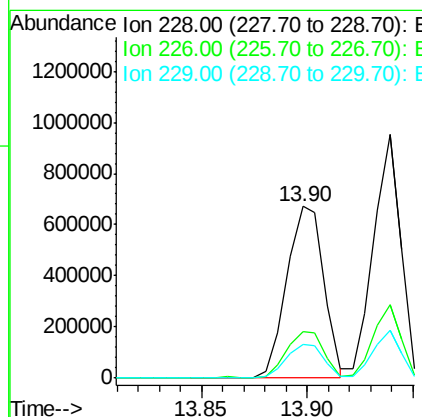
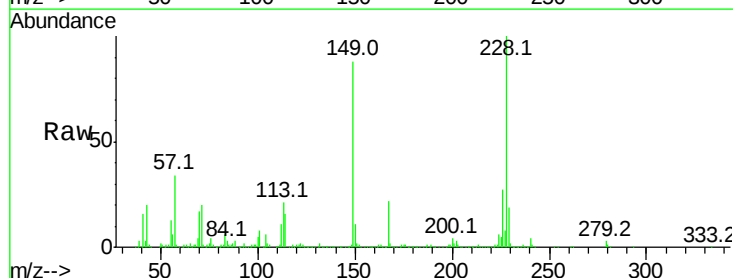
Manual Integrations  
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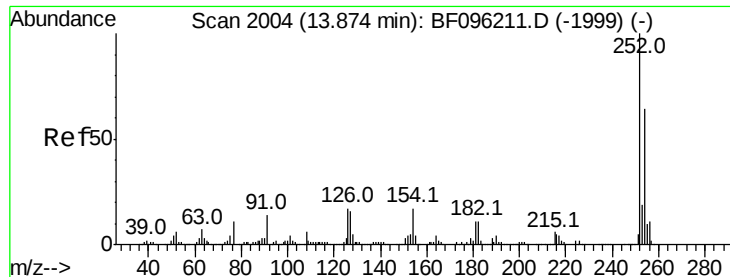
mohammad  
7/3/2017 11:36:58 AM



#80  
Benzo(a)anthracene  
Concen: 34.41 ng  
RT: 13.90 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.8  | 22.6  | 33.8  |
| 229     | 19.5  | 16.3  | 24.5  |





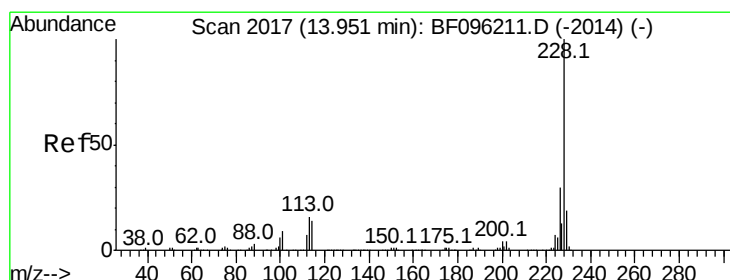
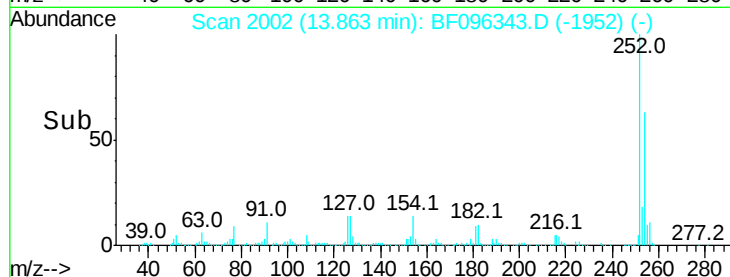
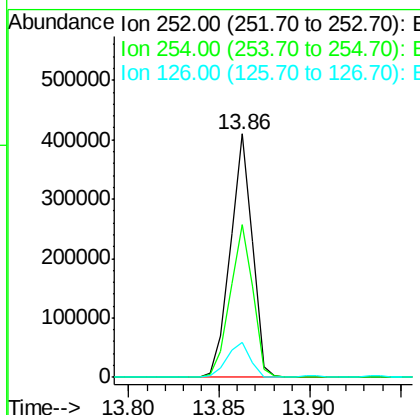
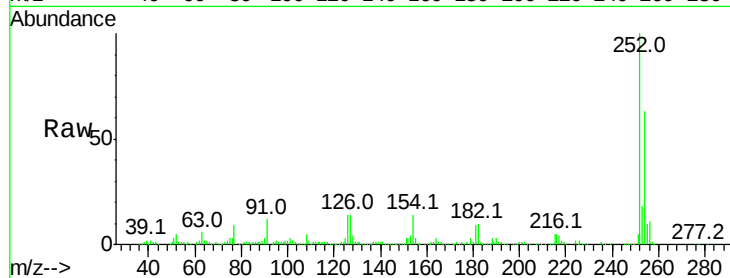
#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.31 ng  
 RT: 13.86 min Scan# 2002  
 Delta R.T. -0.01 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 252     | 100   |      |       |       |
| 254     | 62.6  | 51.5 | 77.3  |       |
| 126     | 14.4  | 15.8 | 23.8  |       |

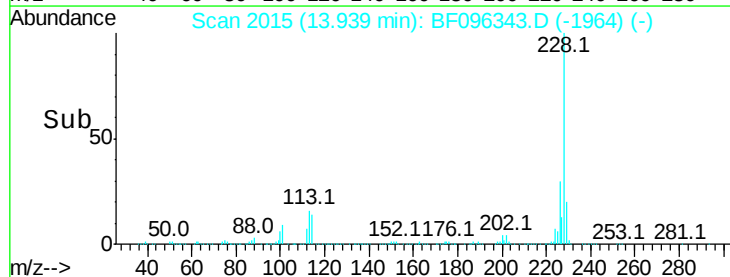
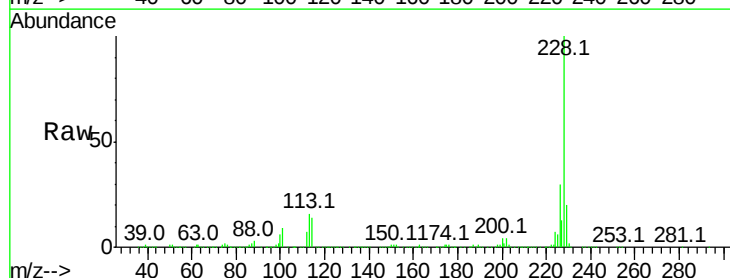
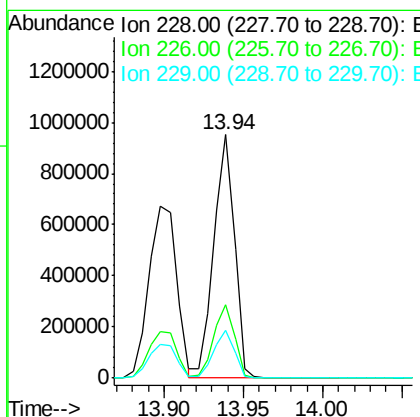
Manual Integrations  
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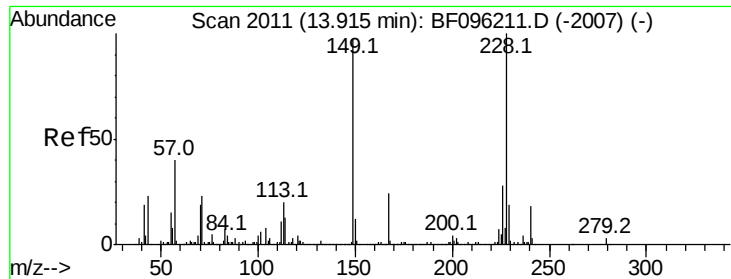
mohammad  
 7/3/2017 11:36:58 AM



#82  
 Chrysene  
 Concen: 35.13 ng  
 RT: 13.94 min Scan# 2015  
 Delta R.T. -0.00 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 228     | 100   |      |       |       |
| 226     | 30.0  | 24.9 | 37.3  |       |
| 229     | 19.6  | 15.8 | 23.6  |       |





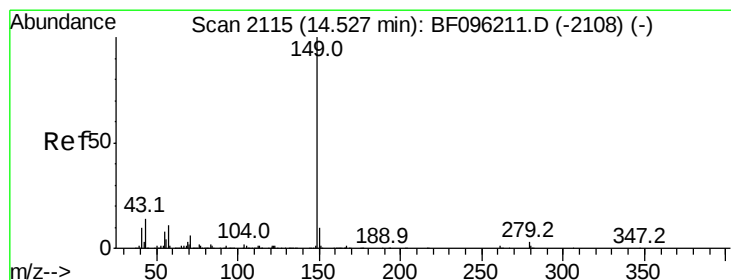
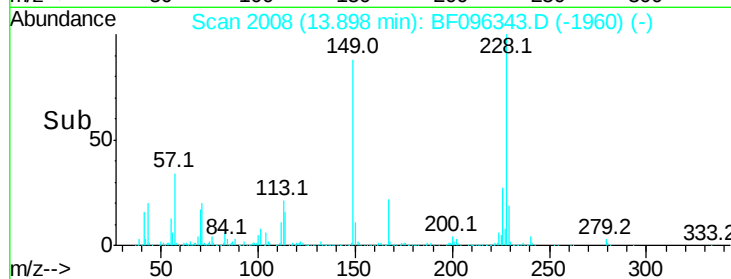
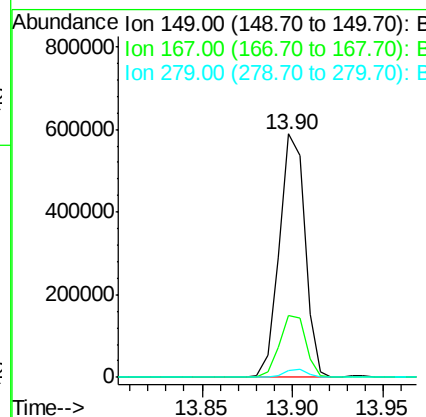
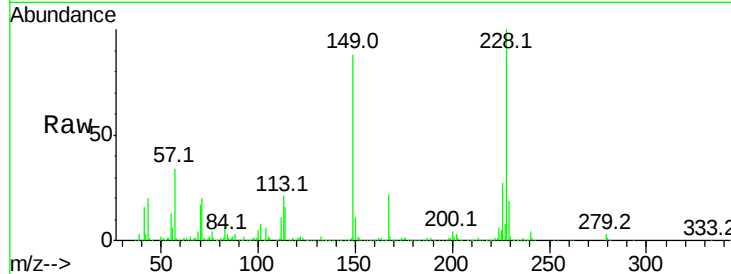
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 36.18 ng  
 RT: 13.90 min Scan# 2008  
 Delta R.T. -0.02 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 25.4  | 21.0 | 31.4  |       |
| 279     | 3.0   | 1.9  | 2.9#  |       |

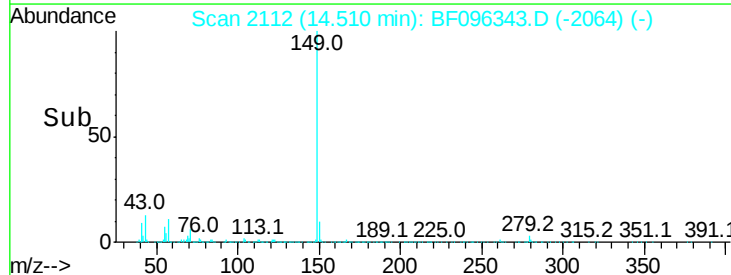
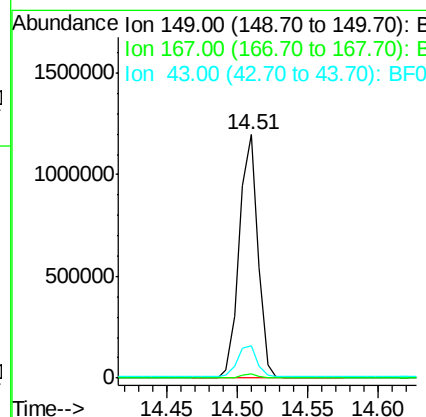
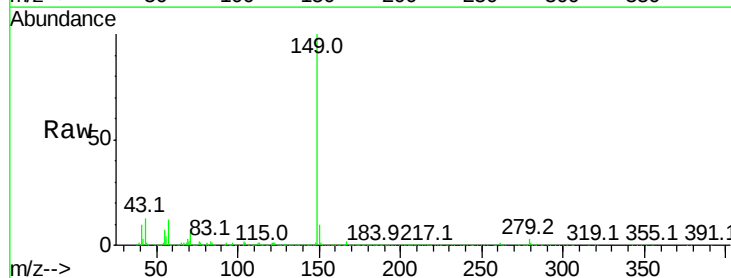
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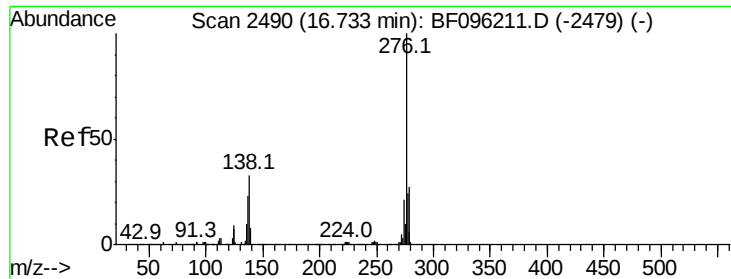
mohammad  
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#84  
 Di-n-octyl phthalate  
 Concen: 33.21 ng  
 RT: 14.51 min Scan# 2112  
 Delta R.T. -0.02 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 1.4   | 1.2  | 1.8   |       |
| 43      | 13.6  | 8.5  | 12.7# |       |





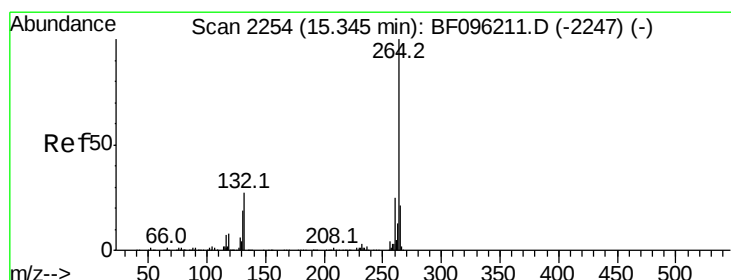
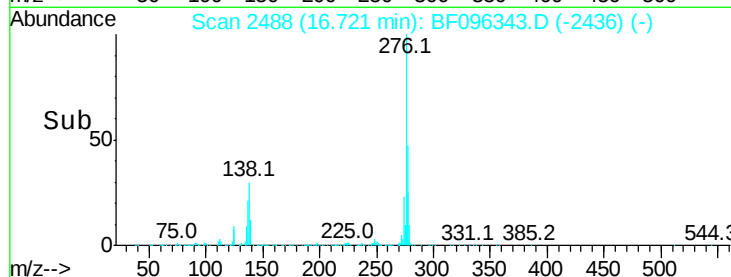
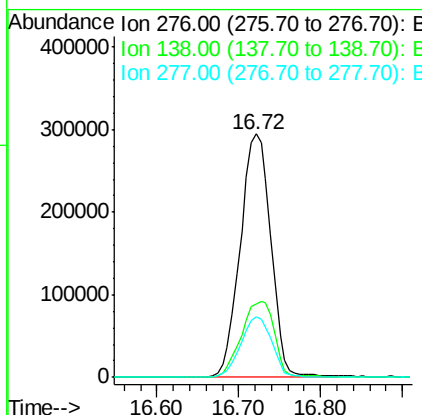
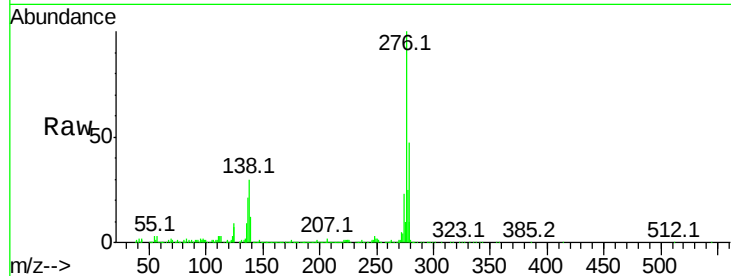
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 37.50 ng  
RT: 16.72 min Scan# 2488  
Delta R.T. 0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 34.2  | 27.8  | 41.6  |
| 277     | 25.4  | 20.2  | 30.4  |

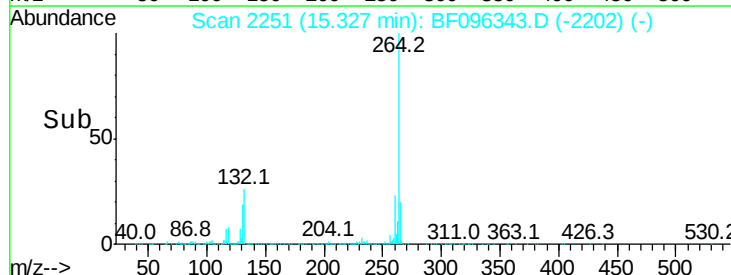
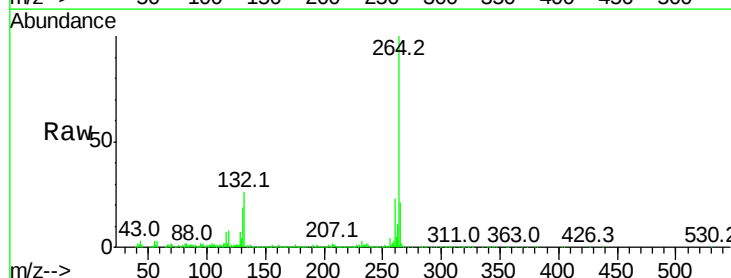
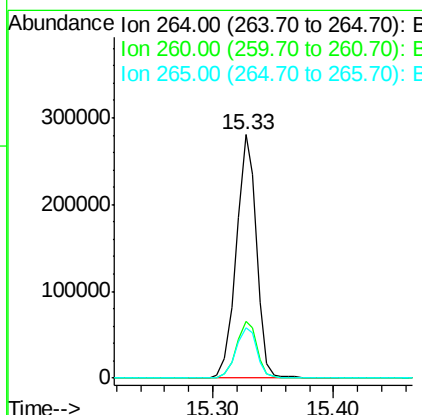
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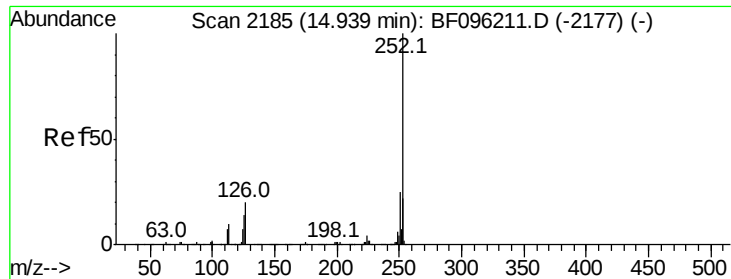
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.33 min Scan# 2251  
Delta R.T. -0.01 min  
Lab File: BF096343.D  
Acq: 30 Jun 2017 18:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 19.5  | 29.3  |
| 265     | 20.6  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 36.88 ng m

RT: 14.93 min Scan# 2183

Delta R.T. -0.03 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

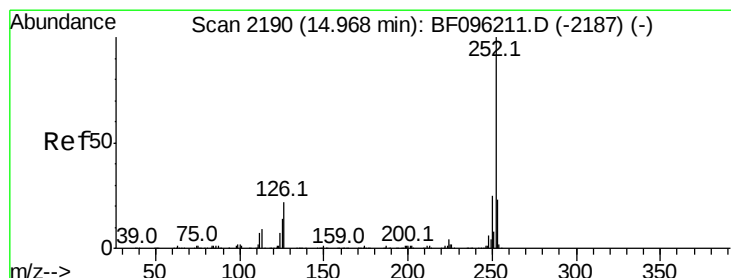
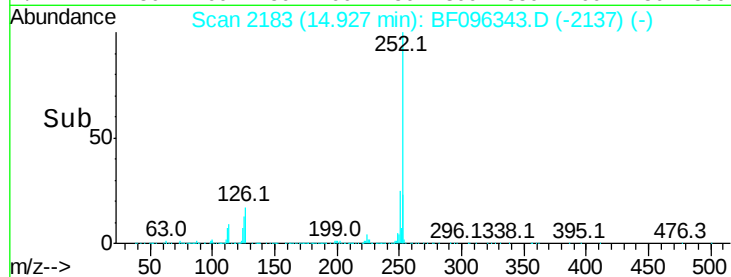
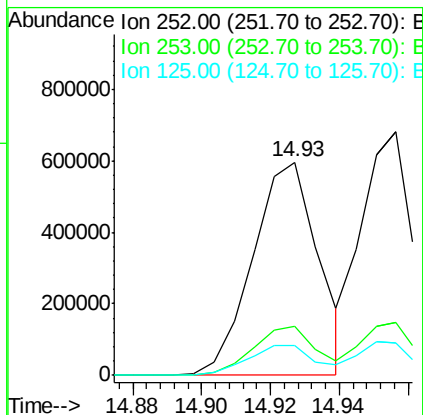
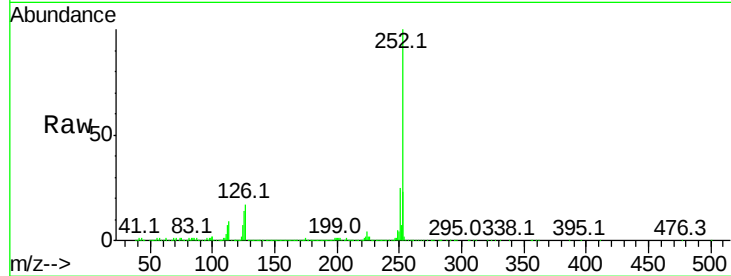
ClientSampleId :

SSTDCCC040

|             |       |        |
|-------------|-------|--------|
| Tot Ion:252 | Resp: | 790998 |
| Ion Ratio   | Lower | Upper  |
| 252 100     |       |        |
| 253 22.7    | 18.1  | 27.1   |
| 125 13.8    | 9.8   | 14.8   |

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#88

Benzo(k)fluoranthene

Concen: 36.32 ng

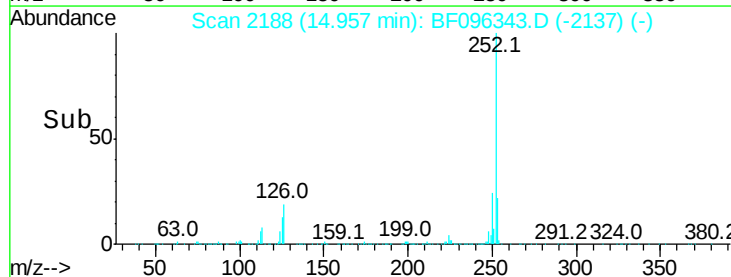
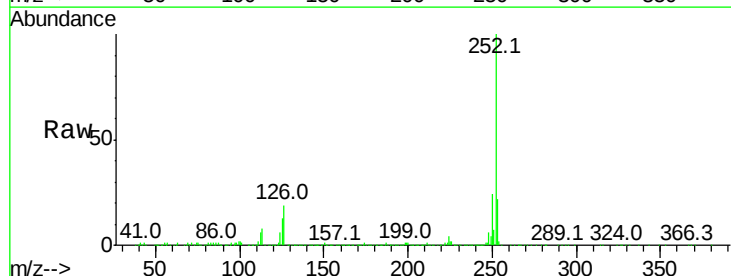
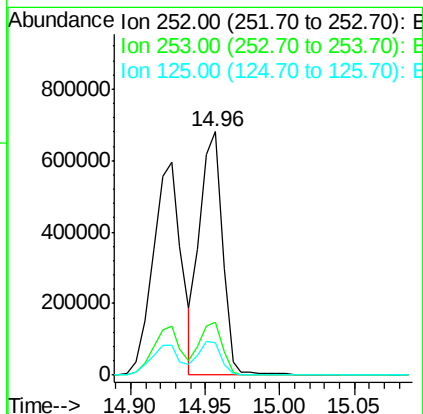
RT: 14.96 min Scan# 2188

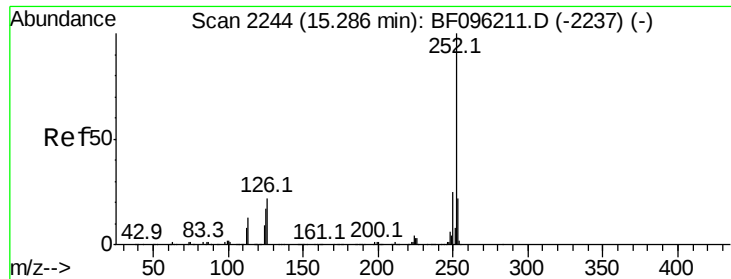
Delta R.T. -0.00 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:252 | Resp: | 711217 |
| Ion Ratio   | Lower | Upper  |
| 252 100     |       |        |
| 253 21.6    | 18.4  | 27.6   |
| 125 13.2    | 13.1  | 19.7   |





#89

Benzo(a)pyrene

Concen: 37.37 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA\_F

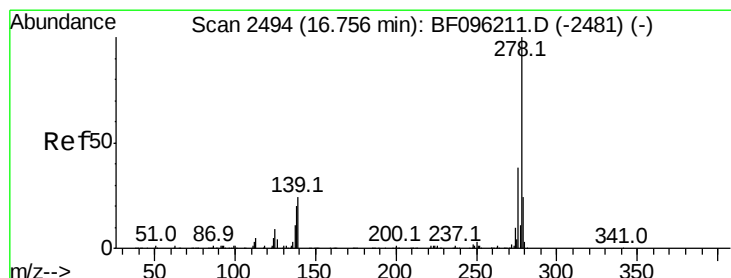
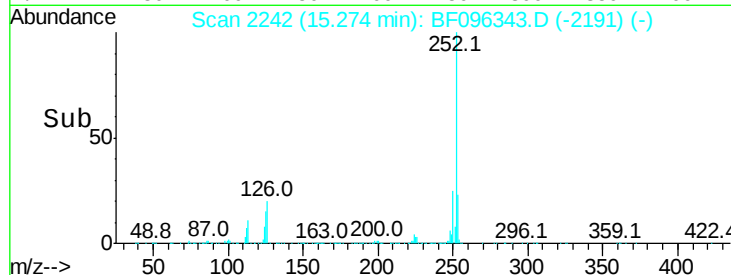
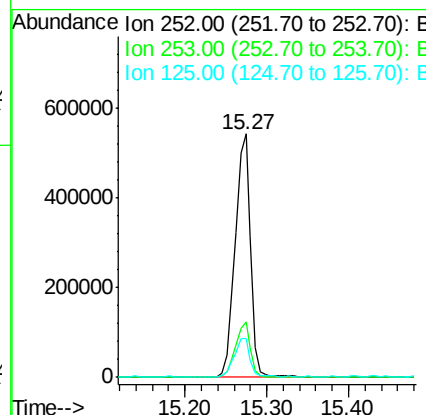
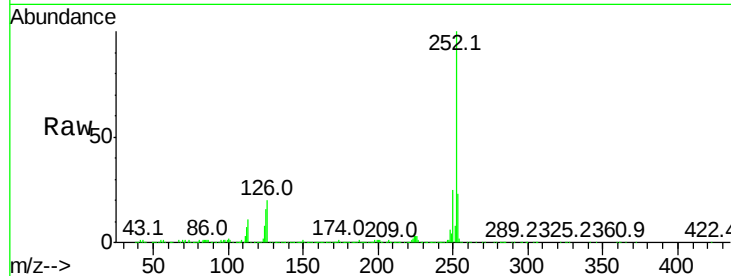
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 707992 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.7  | 17.5  | 26.3   |
| 125       | 15.7  | 11.0  | 16.4   |

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#90

Dibenzo(a,h)anthracene

Concen: 43.24 ng

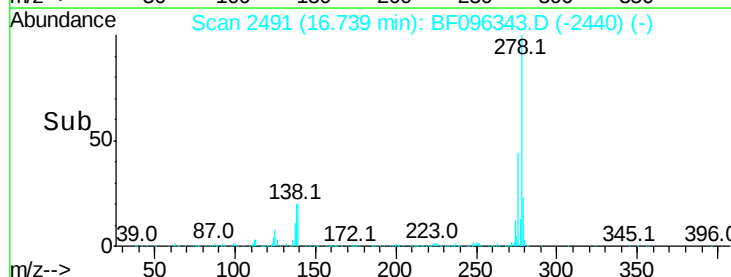
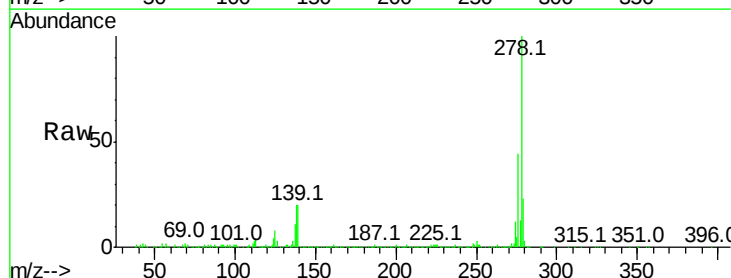
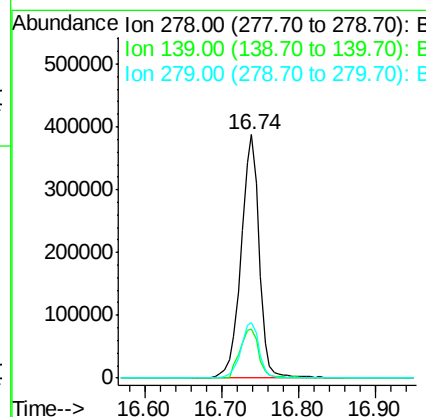
RT: 16.74 min Scan# 2491

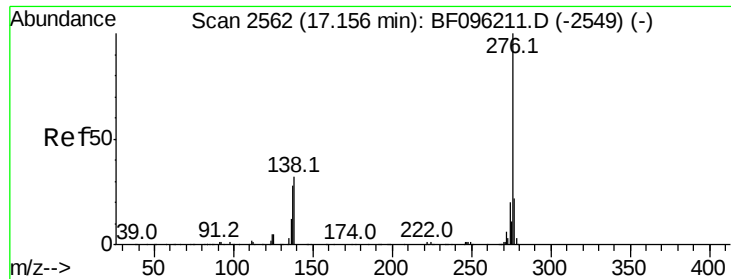
Delta R.T. -0.00 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 641364 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 19.9  | 16.6  | 24.8   |
| 279       | 23.0  | 19.3  | 28.9   |





#91  
 Benzo(a,h,i)perylene  
 Concen: 44.38 ng  
 RT: 17.14 min Scan# 2560  
 Delta R.T. 0.01 min  
 Lab File: BF096343.D  
 Acq: 30 Jun 2017 18:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.8  | 18.6  | 28.0  |
| 138     | 28.1  | 25.4  | 38.0  |

Manual Integrations  
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