

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\  
 Data File : BF096595.D  
 Acq On : 10 Jul 2017 12:34  
 Operator : SJ/JU  
 Sample : I4061-03MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

Manual Integrations  
 APPROVED

mohammad  
 7/11/2017 1:35:02 PM

Quant Time: Jul 11 02:00:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 07 13:02:33 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.69  | 152  | 121132   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.97  | 136  | 503384   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.72  | 164  | 228110   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.20 | 188  | 407597   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.83 | 240  | 264777   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.22 | 264  | 231914   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.32  | 112 | 927978  | 113.07 | ng | 0.00  |
| 7) Phenol-d6             | 6.33  | 99  | 1112903 | 110.30 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.25  | 82  | 743694  | 88.78  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.51 | 330 | 256299  | 143.84 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.05  | 172 | 1289081 | 96.62  | ng | -0.02 |
| 78) Terphenyl-d14        | 12.78 | 244 | 1063122 | 85.80  | ng | -0.02 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.53 | 88  | 113857  | 29.26 | ng | # 66   |
| 3) Pyridine                    | 3.18 | 79  | 237400  | 22.23 | ng | # 62   |
| 4) n-Nitrosodimethylamine      | 3.10 | 42  | 190443  | 36.14 | ng | # 84   |
| 6) Aniline                     | 6.35 | 93  | 82500   | 6.33  | ng | # 1    |
| 8) 2-Chlorophenol              | 6.47 | 128 | 366591  | 41.89 | ng | 92     |
| 9) Benzaldehyde                | 6.23 | 77  | 64848   | 10.27 | ng | 98     |
| 10) Phenol                     | 6.35 | 94  | 405567  | 35.28 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.43 | 93  | 377371  | 42.48 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.63 | 146 | 357262  | 38.93 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.70 | 146 | 366226  | 39.93 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 6.86 | 146 | 341371  | 40.54 | ng | 98     |
| 15) Benzyl Alcohol             | 6.83 | 79  | 298542  | 44.27 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.97 | 45  | 778847  | 43.13 | ng | 93     |
| 17) 2-Methylphenol             | 6.95 | 107 | 309311  | 44.35 | ng | 97     |
| 18) Hexachloroethane           | 7.20 | 117 | 129440  | 38.93 | ng | # 81   |
| 19) n-Nitroso-di-n-propylamine | 7.11 | 70  | 249627  | 41.53 | ng | # 84   |
| 20) 3+4-Methylphenols          | 7.10 | 107 | 357372  | 45.94 | ng | 93     |
| 22) Acetophenone               | 7.10 | 105 | 500502  | 45.50 | ng | # 97   |
| 24) Nitrobenzene               | 7.27 | 77  | 383466  | 43.63 | ng | 91     |
| 25) Isophorone                 | 7.52 | 82  | 724064  | 44.58 | ng | 96     |
| 26) 2-Nitrophenol              | 7.59 | 139 | 216388  | 46.52 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 7.63 | 122 | 350054  | 44.20 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.72 | 93  | 477858  | 44.57 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.83 | 162 | 323938  | 47.41 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.91 | 180 | 288231  | 44.71 | ng | 97     |
| 31) Naphthalene                | 7.99 | 128 | 1079178 | 45.41 | ng | 99     |
| 32) Benzoic acid               | 7.77 | 122 | 257753  | 38.75 | ng | 92     |
| 33) 4-Chloroaniline            | 8.04 | 127 | 90593   | 9.18  | ng | 94     |
| 34) Hexachlorobutadiene        | 8.11 | 225 | 144937  | 43.84 | ng | 97     |
| 35) Caprolactam                | 8.42 | 113 | 100354m | 42.59 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.53 | 107 | 344758  | 45.60 | ng | 88     |
| 37) 2-Methylnaphthalene        | 8.68 | 142 | 741737  | 49.03 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.85 | 216 | 248127  | 41.89 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.84 | 237 | 255191  | 88.61 | ng | 100    |

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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

Manual Integrations  
 APPROVED

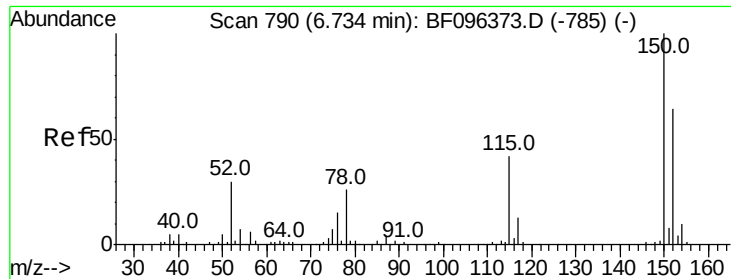
mohammad  
 7/11/2017 1:35:02 PM

Quant Time: Jul 11 02:00:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 07 13:02:33 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.96  | 196  | 207403   | 44.26 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.00  | 196  | 216452   | 46.72 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 9.15  | 154  | 821748   | 42.04 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 9.17  | 162  | 643552   | 44.18 | nq    | 94       |
| 47) 2-Nitroaniline             | 9.26  | 65   | 239153   | 45.12 | nq    | 95       |
| 48) Acenaphthylene             | 9.58  | 152  | 1044408  | 45.25 | nq    | 99       |
| 49) Dimethylphthalate          | 9.45  | 163  | 793542   | 46.60 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.51  | 165  | 176432   | 46.85 | nq    | 92       |
| 51) Acenaphthene               | 9.75  | 154  | 608407   | 42.77 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.67  | 138  | 95546    | 20.34 | nq    | # 90     |
| 53) 2,4-Dinitrophenol          | 9.79  | 184  | 188300   | 94.15 | nq    | # 70     |
| 54) Dibenzofuran               | 9.93  | 168  | 904949   | 48.18 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.85  | 139  | 306957   | 78.85 | nq    | # 72     |
| 56) 2,4-Dinitrotoluene         | 9.91  | 165  | 241188   | 50.58 | nq    | # 75     |
| 57) Fluorene                   | 10.27 | 166  | 655236   | 49.39 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.05 | 232  | 172566   | 53.84 | nq    | 96       |
| 59) Diethylphthalate           | 10.15 | 149  | 768989   | 47.78 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.26 | 204  | 273706   | 47.42 | nq    | 93       |
| 61) 4-Nitroaniline             | 10.29 | 138  | 185527   | 43.44 | nq    | 91       |
| 62) Azobenzene                 | 10.42 | 77   | 757617   | 48.68 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.32 | 198  | 130911   | 46.57 | nq    | 82       |
| 65) n-Nitrosodiphenylamine     | 10.38 | 169  | 631963   | 44.19 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.75 | 248  | 185741   | 46.81 | nq    | 96       |
| 67) Hexachlorobenzene          | 10.82 | 284  | 193306   | 44.50 | nq    | # 89     |
| 68) Atrazine                   | 10.91 | 200  | 180930   | 44.28 | nq    | 95       |
| 69) Pentachlorophenol          | 11.01 | 266  | 217072   | 84.32 | nq    | 95       |
| 70) Phenanthrene               | 11.22 | 178  | 1009032  | 45.79 | nq    | 99       |
| 71) Anthracene                 | 11.27 | 178  | 1038076  | 46.23 | nq    | 99       |
| 72) Carbazole                  | 11.43 | 167  | 993752   | 44.01 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.77 | 149  | 1210309  | 44.25 | nq    | 99       |
| 74) Fluoranthene               | 12.40 | 202  | 1021530  | 47.29 | nq    | 98       |
| 76) Benzidine                  | 12.52 | 184  | 27980    | 2.20  | nq    | 98       |
| 77) Pyrene                     | 12.63 | 202  | 1044551  | 49.15 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.26 | 149  | 528681   | 49.14 | nq    | # 80     |
| 80) Benzo(a)anthracene         | 13.82 | 228  | 751485   | 49.01 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 13.78 | 252  | 131801   | 20.93 | nq    | # 96     |
| 82) Chrysene                   | 13.86 | 228  | 779924   | 48.57 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.82 | 149  | 588473   | 49.00 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.43 | 149  | 1175544  | 49.71 | nq    | # 95     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.56 | 276  | 598200   | 47.20 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 14.83 | 252  | 713347   | 49.09 | nq    | 100      |
| 88) Benzo(k)fluoranthene       | 14.86 | 252  | 597888   | 46.00 | nq    | 97       |
| 89) Benzo(a)pyrene             | 15.17 | 252  | 608031   | 46.87 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.58 | 278  | 484209   | 47.44 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 16.97 | 276  | 539381   | 51.00 | nq    | 98       |

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





#1

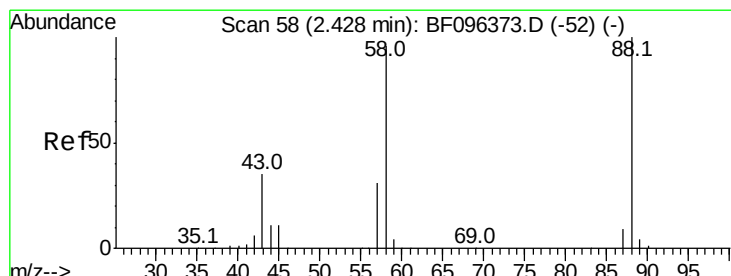
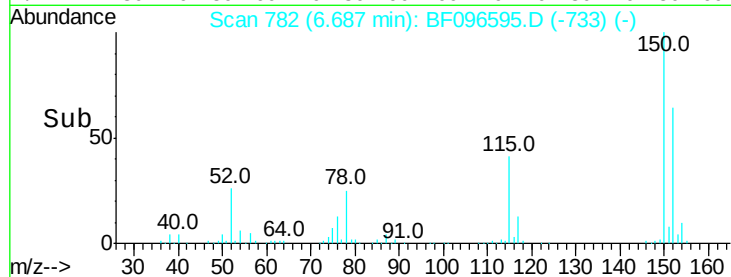
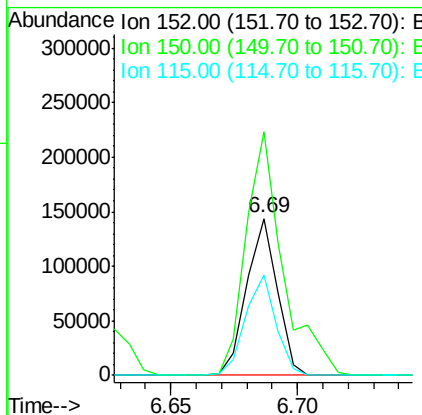
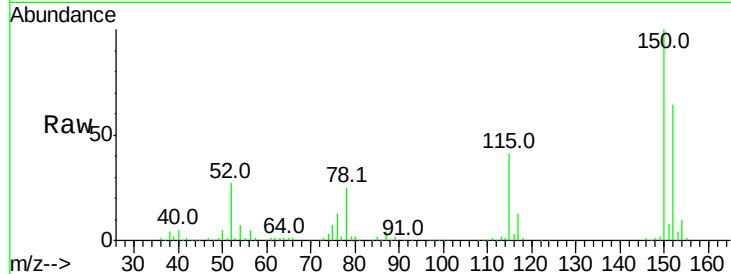
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.69 min Scan# 782  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.4 | 126.2 | 189.2 |
| 115     | 63.9  | 52.2  | 78.2  |

Manual Integrations  
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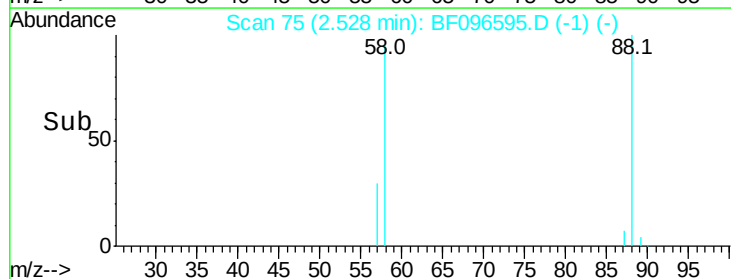
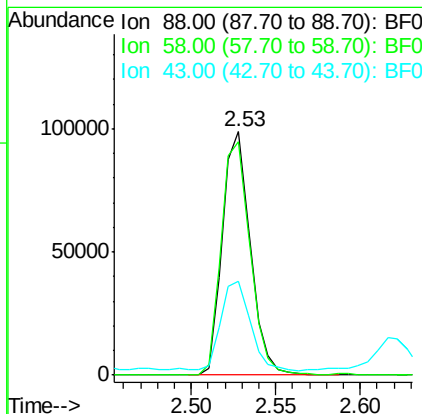
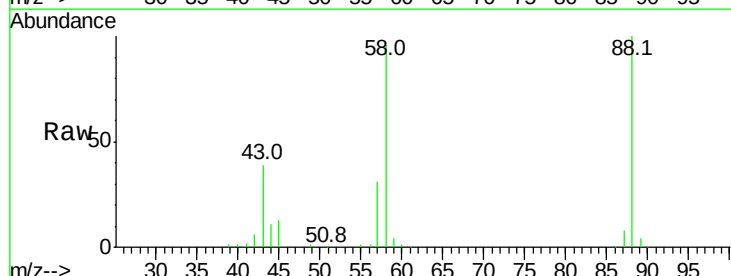
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7/11/2017 1:35:02 PM

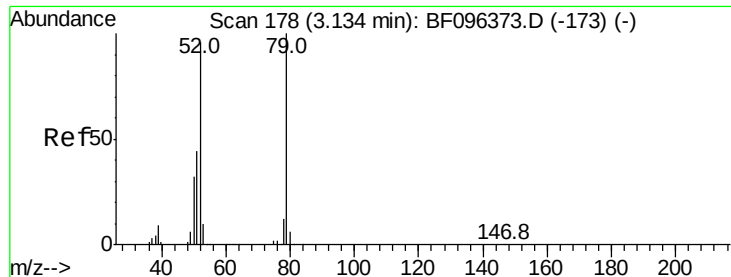


#2

1,4-Dioxane  
Concen: 29.26 ng  
RT: 2.53 min Scan# 75  
Delta R.T. 0.16 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 99.6  | 61.4  | 92.0# |
| 43      | 0.0   | 23.4  | 35.0# |





#3

Pvridine

Concen: 22.23 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.13 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA\_F

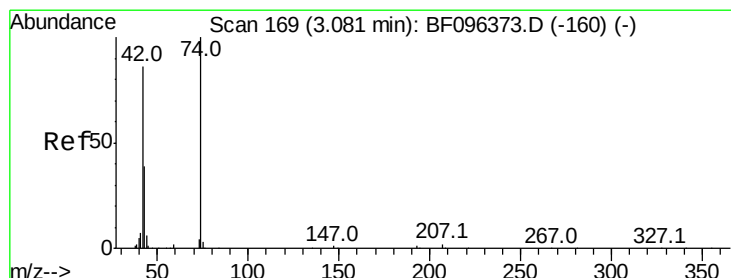
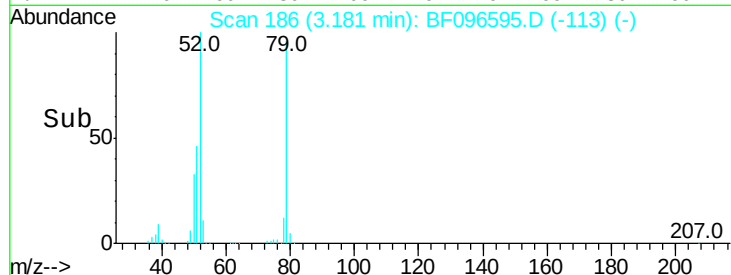
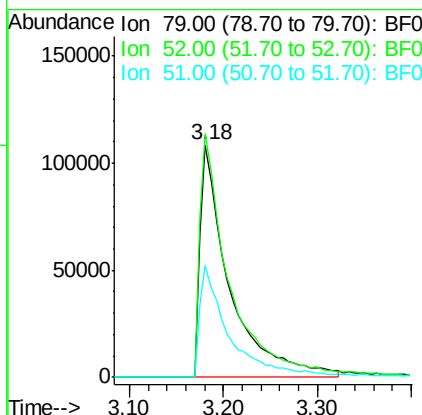
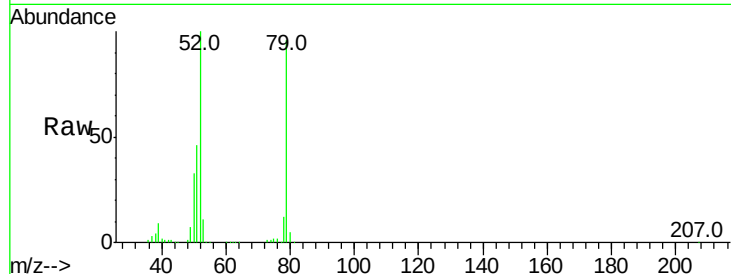
ClientSampleId :

SP-1-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 237400 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 104.7 | 54.8  | 82.2#  |
| 51        | 47.9  | 27.0  | 40.4#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 36.14 ng

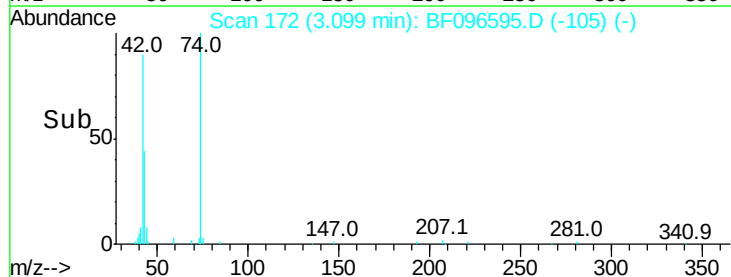
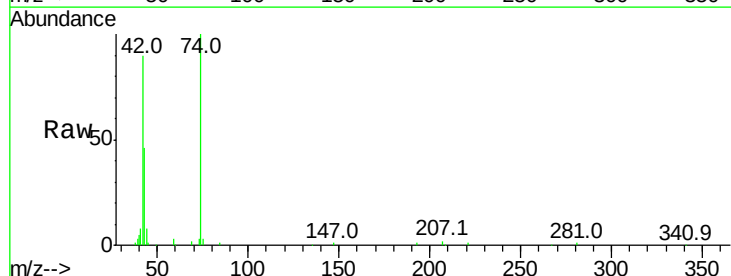
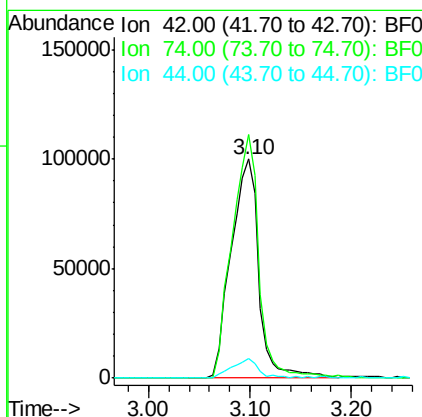
RT: 3.10 min Scan# 172

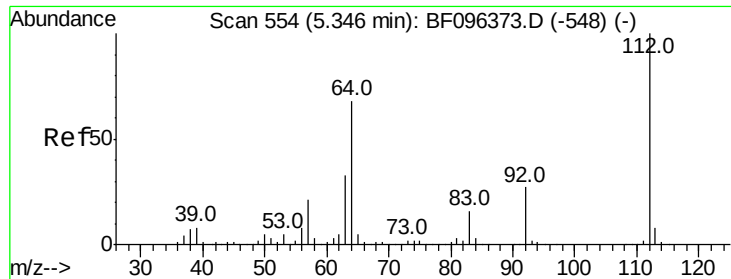
Delta R.T. 0.09 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 190443 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 111.0 | 103.9 | 155.9  |
| 44        | 9.0   | 5.7   | 8.5#   |





#5

2-Fluorophenol

Concen: 113.07 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA\_F

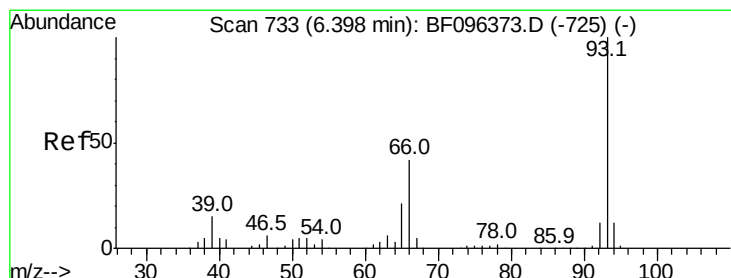
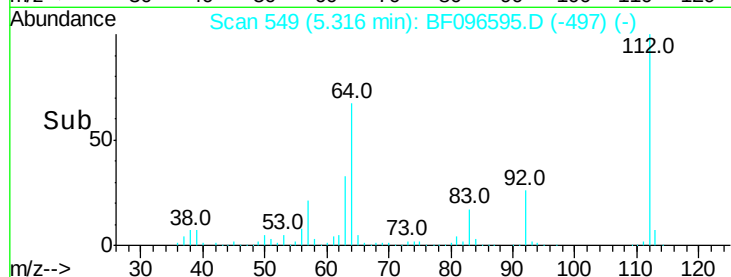
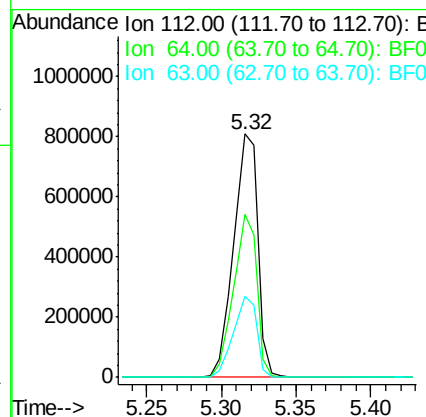
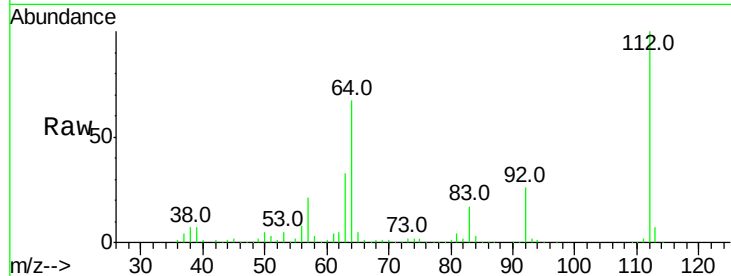
ClientSampleId :

SP-1-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 927978 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 67.2  | 46.0  | 69.0   |
| 63        | 33.3  | 23.4  | 35.0   |

Manual Integrations  
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#6

Aniline

Concen: 6.33 ng

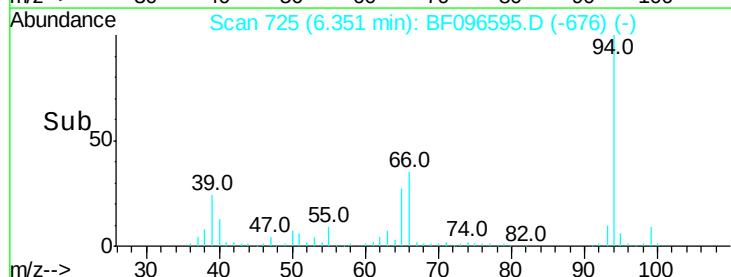
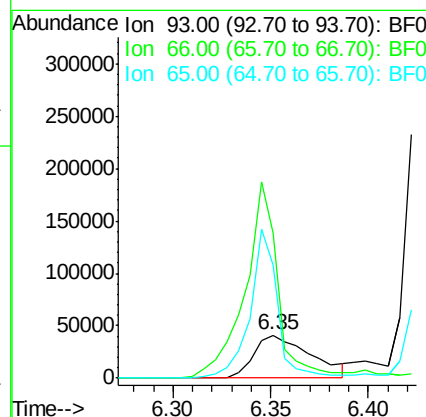
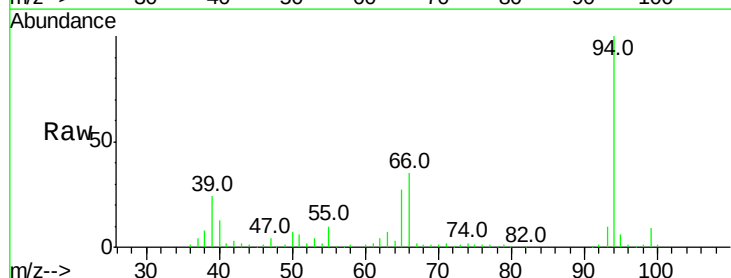
RT: 6.35 min Scan# 725

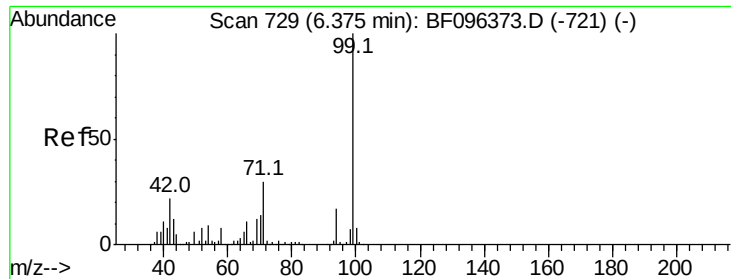
Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 82500 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 336.8 | 32.9  | 49.3# |
| 65        | 262.3 | 16.0  | 24.0# |





#7

Phenol-d6

Concen: 110.30 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA\_F

ClientSampleId :

SP-1-AMS

Tot Ion: 99 Resp: 1112903

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

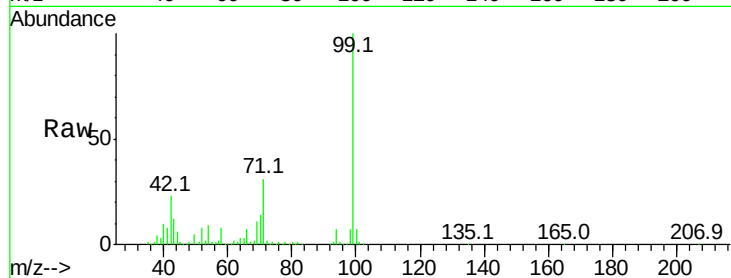
71 31.4 24.5 36.7

Manual Integrations

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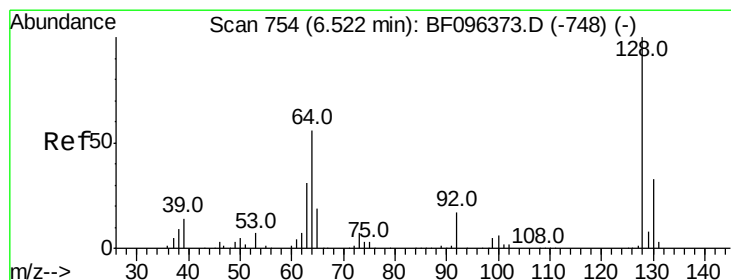
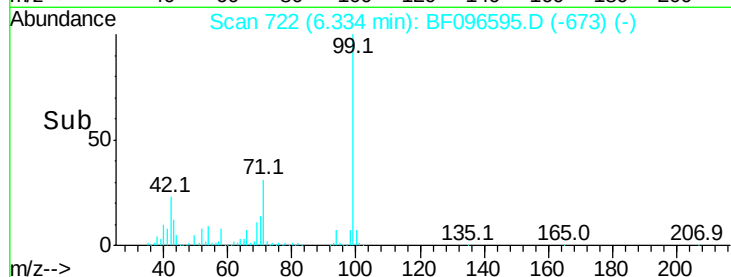
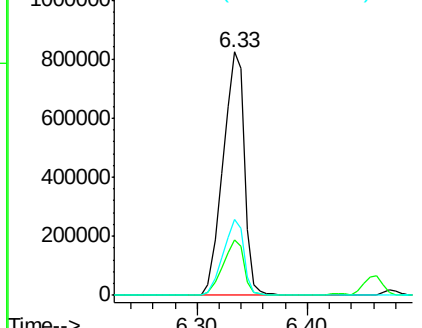
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.89 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

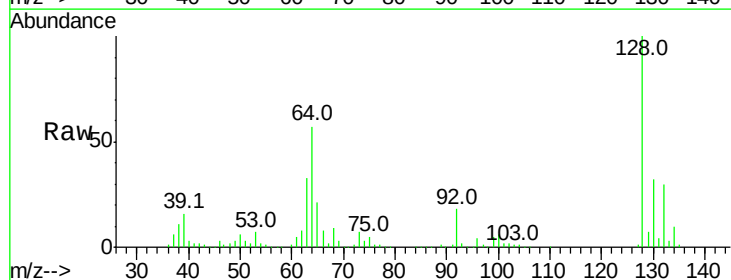
Tgt Ion:128 Resp: 366591

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

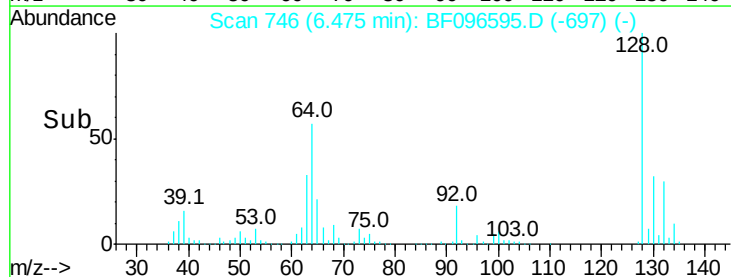
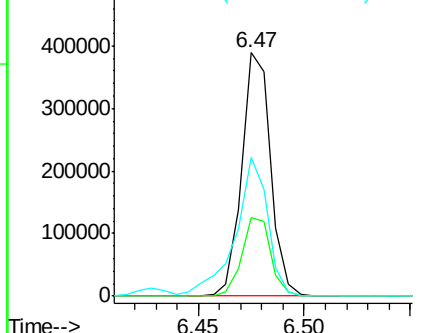
64 57.1 28.4 68.4



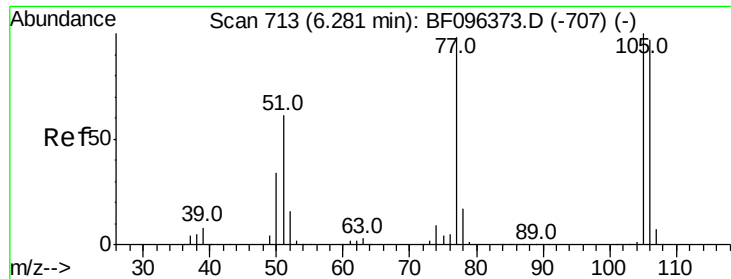
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







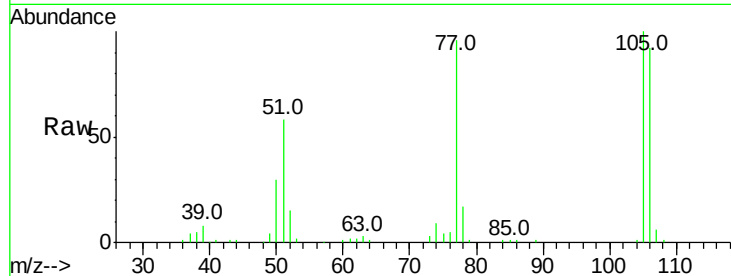
#9  
Benzaldehyde  
Concen: 10.27 ng  
RT: 6.23 min Scan# 705  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

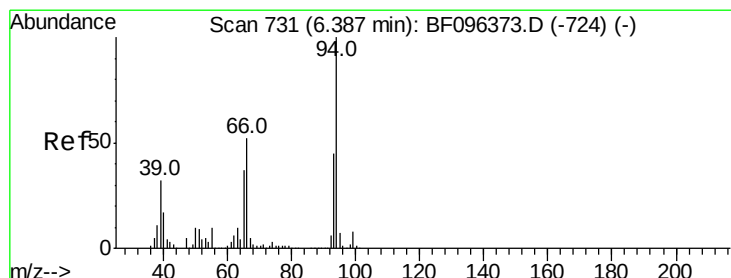
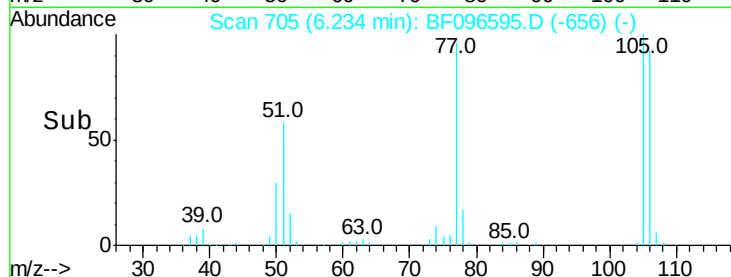
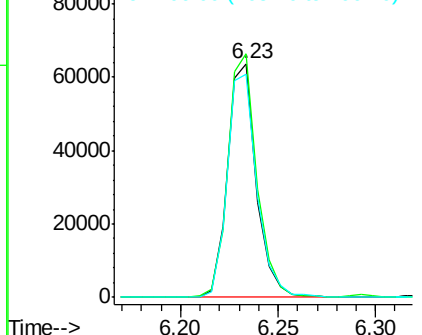
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 104.2 | 83.8  | 123.8 |
| 106     | 95.6  | 79.1  | 119.1 |

Manual Integrations  
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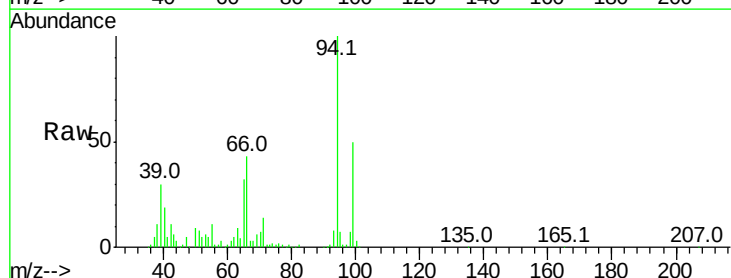


Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): E  
Ion 106.00 (105.70 to 106.70): E

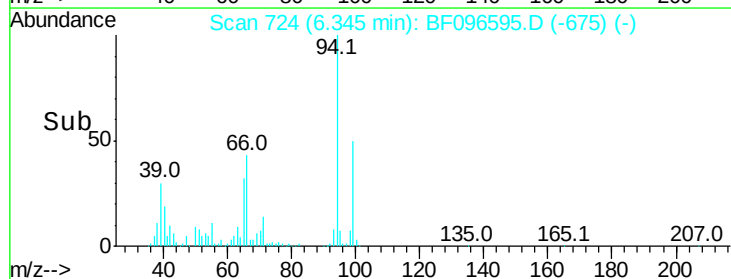
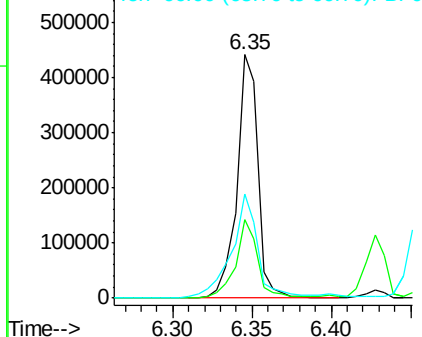


#10  
Phenol  
Concen: 35.28 ng  
RT: 6.35 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

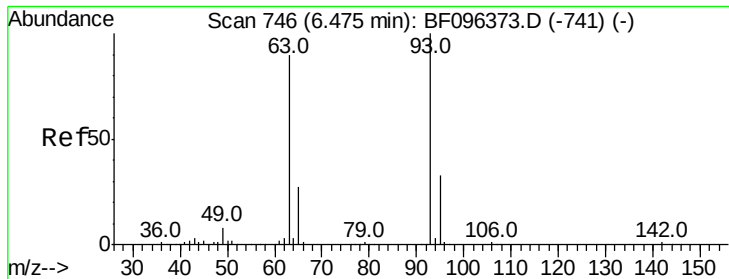
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 32.2  | 9.9   | 49.9  |
| 66      | 42.6  | 23.1  | 63.1  |



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







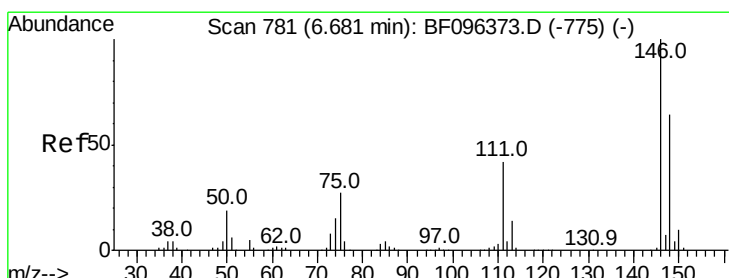
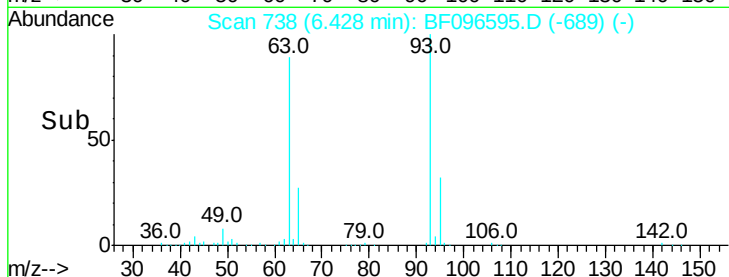
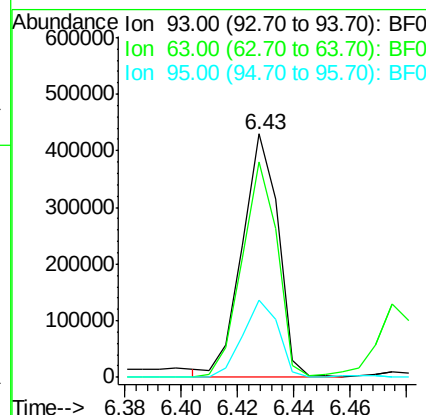
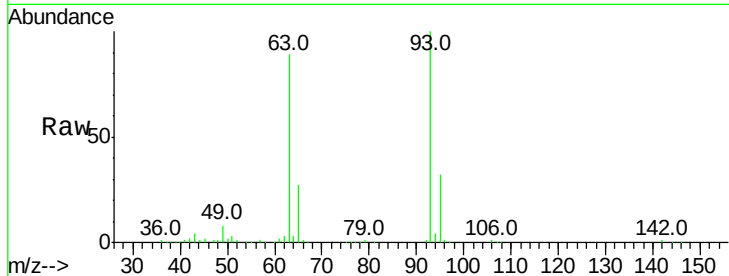
#11  
bis(2-Chloroethyl)ether  
Concen: 42.48 ng  
RT: 6.43 min Scan# 738  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 88.7  | 59.2  | 99.2  |
| 95      | 31.9  | 12.8  | 52.8  |

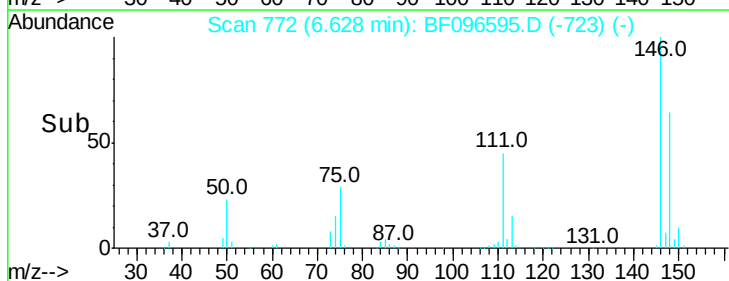
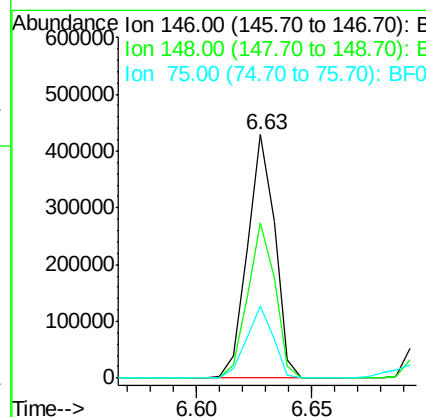
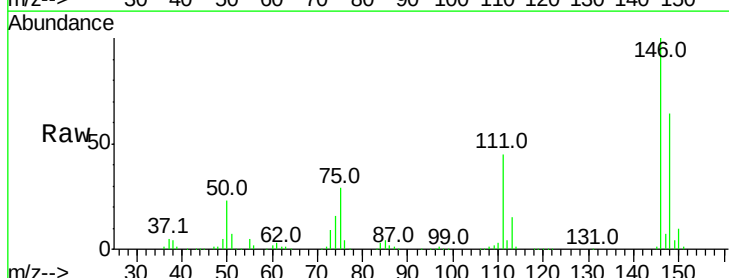
Manual Integrations  
APPROVED

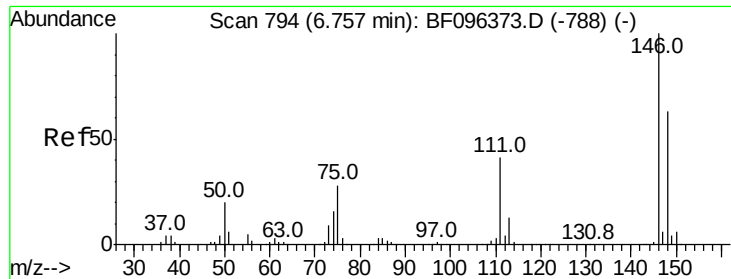
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 38.93 ng  
RT: 6.63 min Scan# 772  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 51.8  | 77.6  |
| 75      | 29.5  | 23.1  | 34.7  |





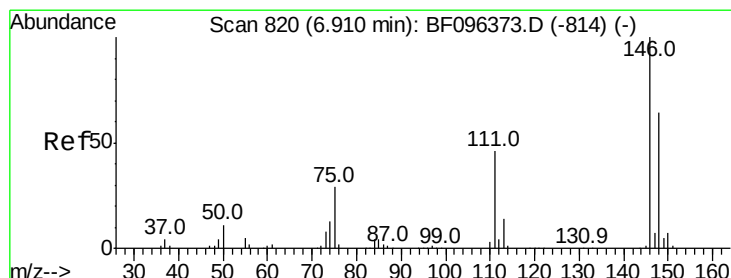
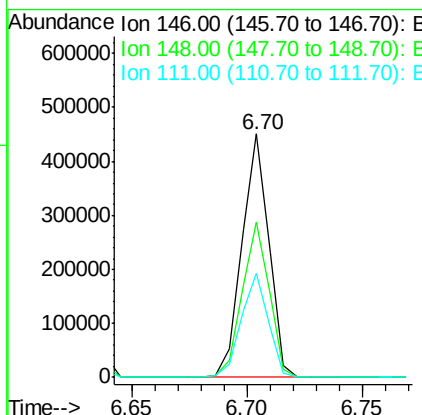
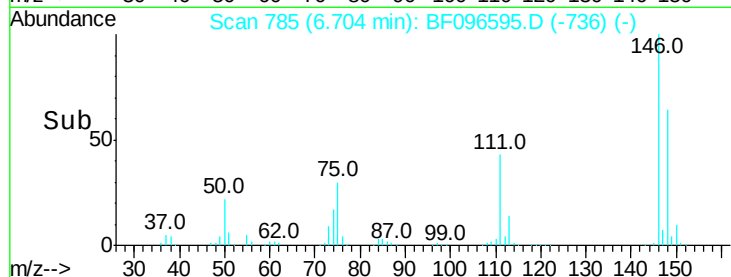
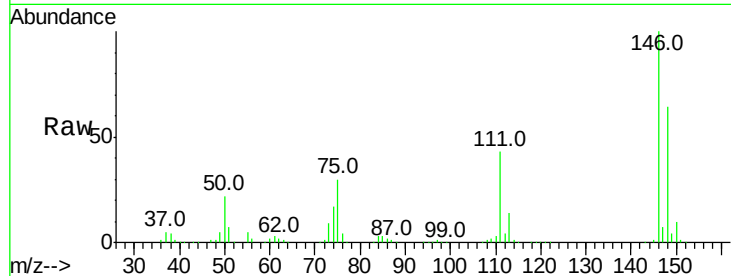
#13  
 1,4-Dichlorobenzene  
 Concen: 39.93 ng  
 RT: 6.70 min Scan# 785  
 Delta R.T. -0.01 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 52.2  | 78.2  |
| 111     | 42.6  | 30.3  | 45.5  |

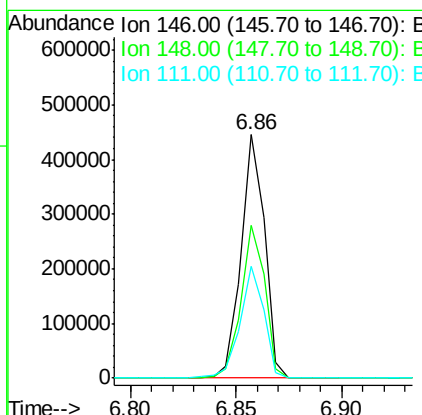
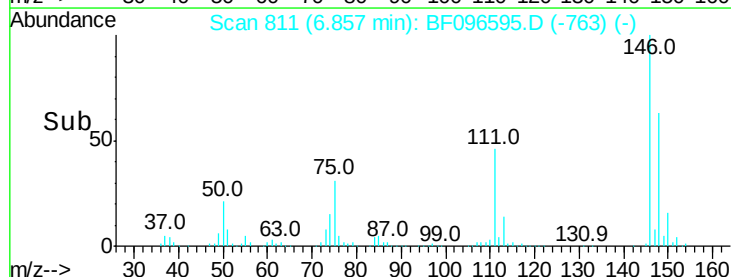
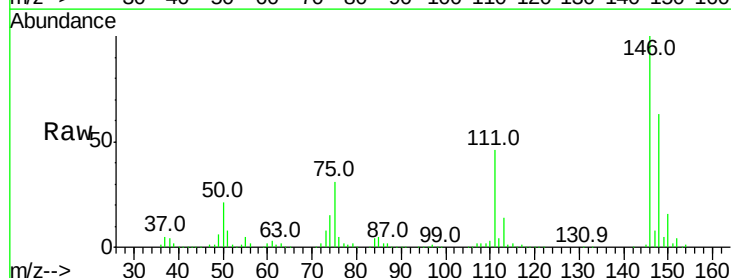
Manual Integrations  
 APPROVED

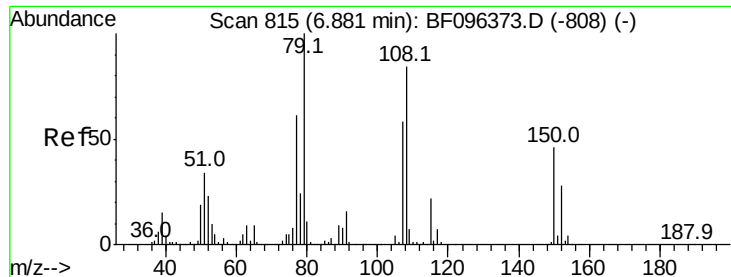
mohammad  
 7/11/2017 1:35:02 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 40.54 ng  
 RT: 6.86 min Scan# 811  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 50.4  | 75.6  |
| 111     | 45.7  | 38.2  | 57.4  |





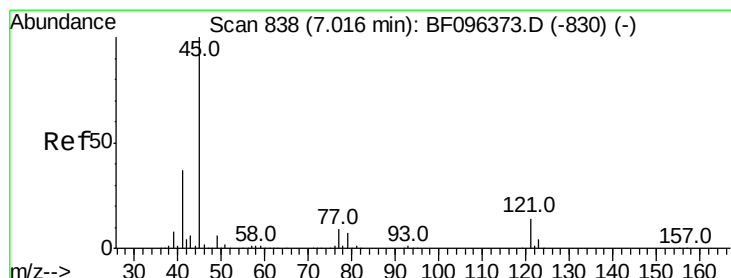
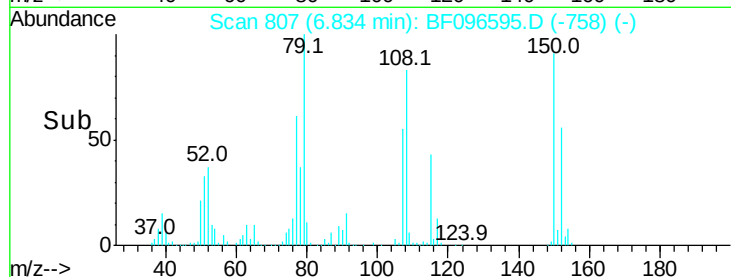
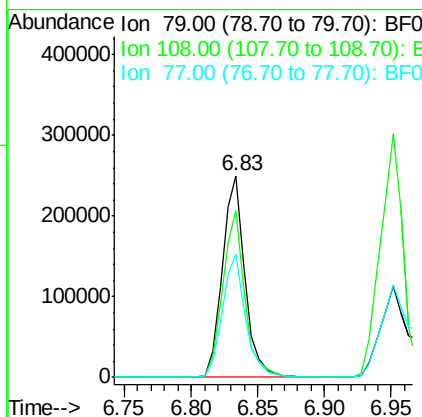
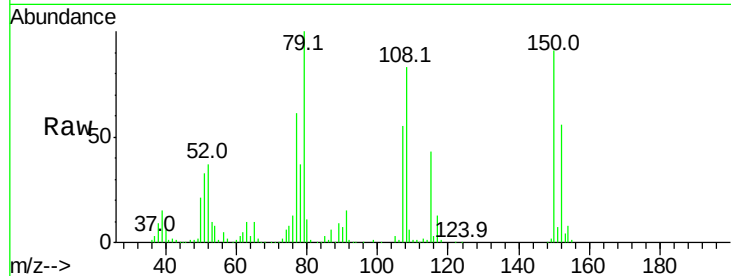
#15  
Benzyl Alcohol  
Concen: 44.27 ng  
RT: 6.83 min Scan# 807  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 82.8  | 63.4  | 95.0  |
| 77      | 61.0  | 49.2  | 73.8  |

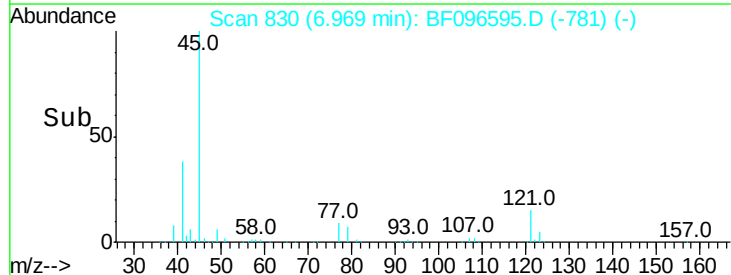
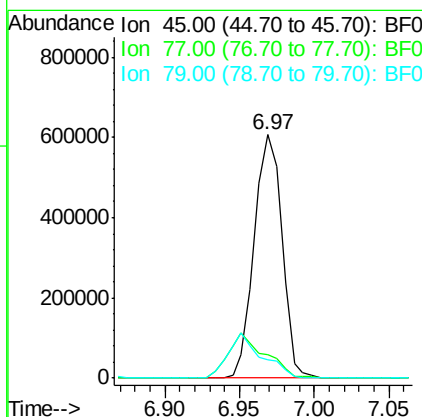
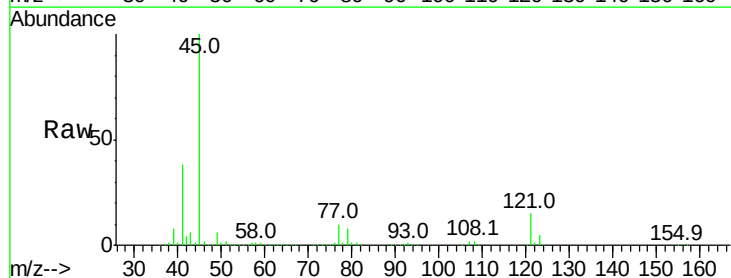
Manual Integrations  
APPROVED

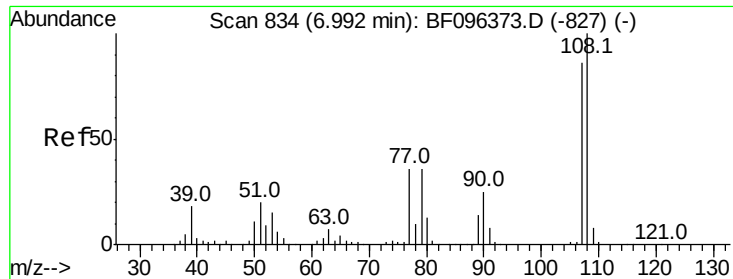
mohammad  
7/11/2017 1:35:02 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 43.13 ng  
RT: 6.97 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 9.9   | 0.0   | 33.2  |
| 79      | 7.7   | 0.0   | 30.0  |





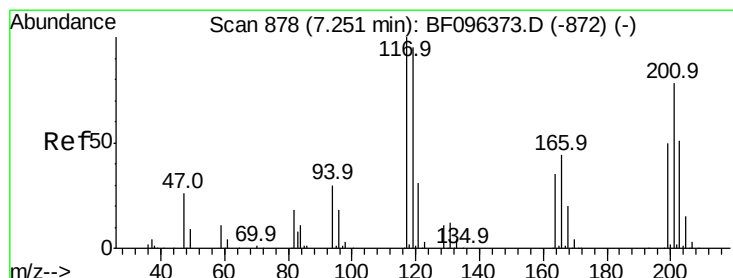
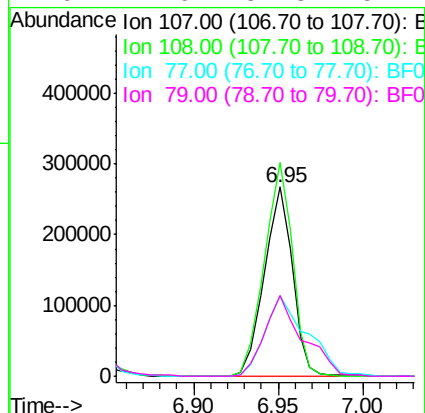
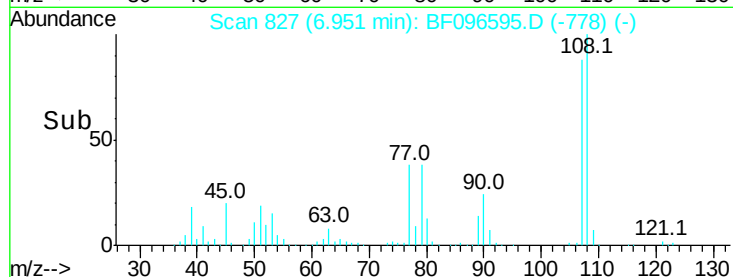
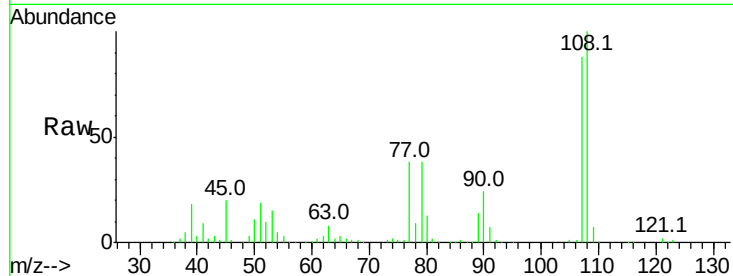
#17  
2-Methylphenol  
Concen: 44.35 ng  
RT: 6.95 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 309311 |       |       |
| 108     | 113.0 | 93.4   | 140.0 |       |
| 77      | 42.8  | 35.8   | 53.6  |       |
| 79      | 42.6  | 34.8   | 52.2  |       |

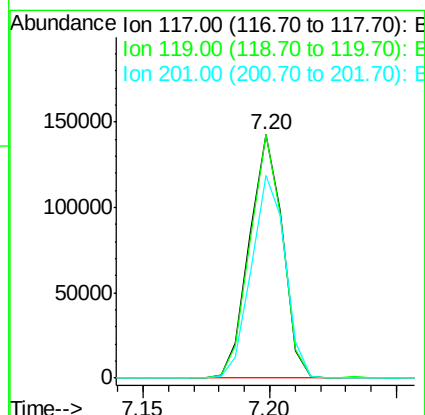
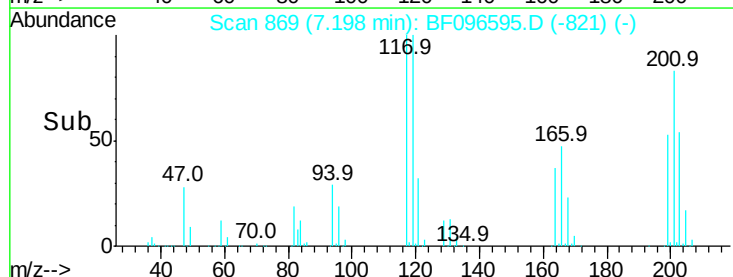
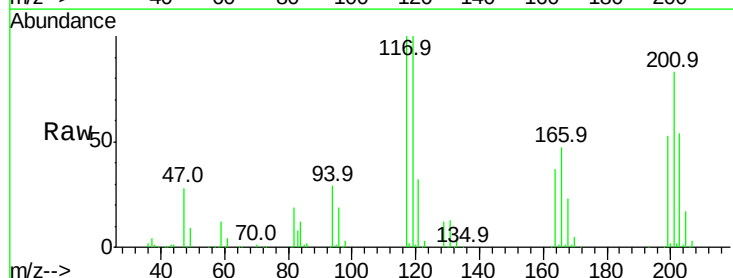
Manual Integrations  
APPROVED

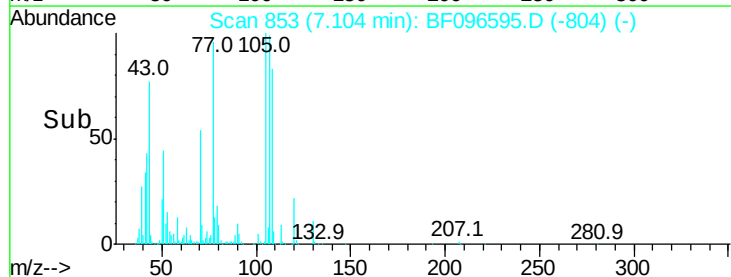
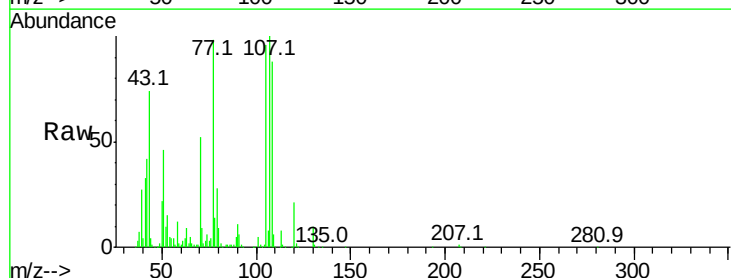
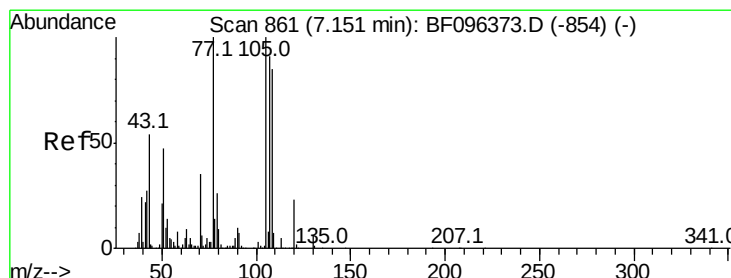
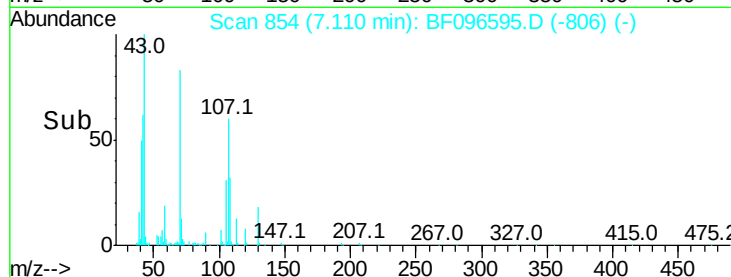
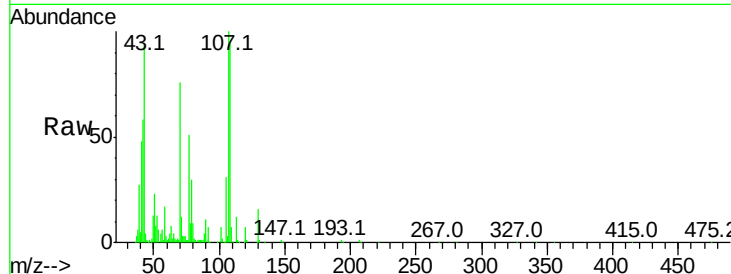
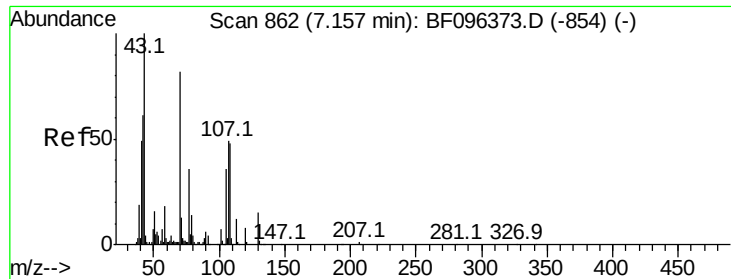
mohammad  
7/11/2017 1:35:02 PM



#18  
Hexachloroethane  
Concen: 38.93 ng  
RT: 7.20 min Scan# 869  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 117     | 100   | 129440 |        |       |
| 119     | 99.8  | 77.4   | 116.0  |       |
| 201     | 83.5  | 94.6   | 141.8# |       |





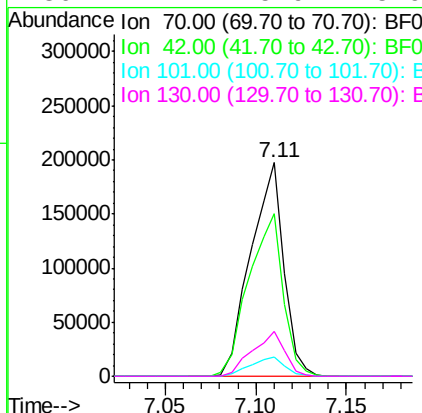
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.53 ng  
RT: 7.11 min Scan# 854  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 76.3  | 47.2  | 70.8# |
| 101     | 8.8   | 7.2   | 10.8  |
| 130     | 21.2  | 15.9  | 23.9  |

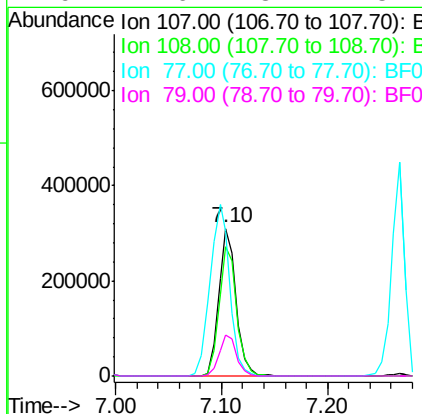
Manual Integrations  
APPROVED

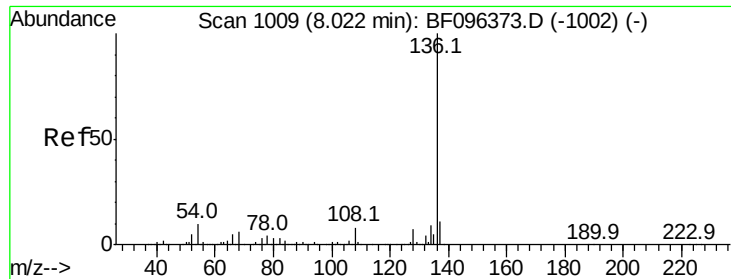
mohammad  
7/11/2017 1:35:02 PM



#20  
3+4-Methylphenols  
Concen: 45.94 ng  
RT: 7.10 min Scan# 853  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.1  | 71.0  | 111.0 |
| 77      | 98.2  | 90.5  | 130.5 |
| 79      | 27.6  | 8.4   | 48.4  |





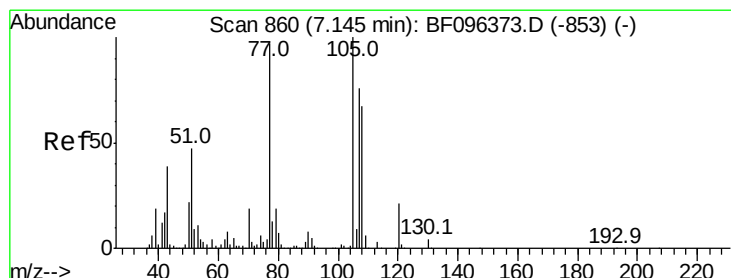
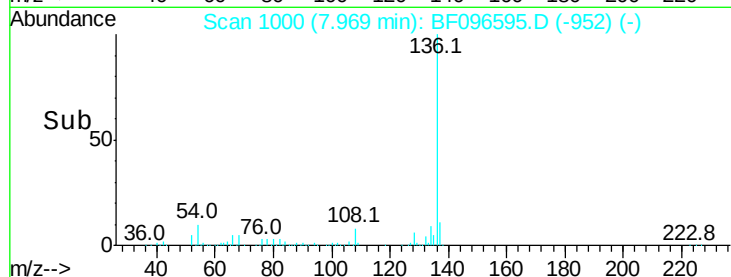
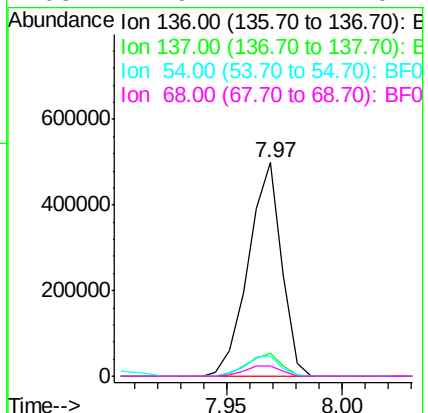
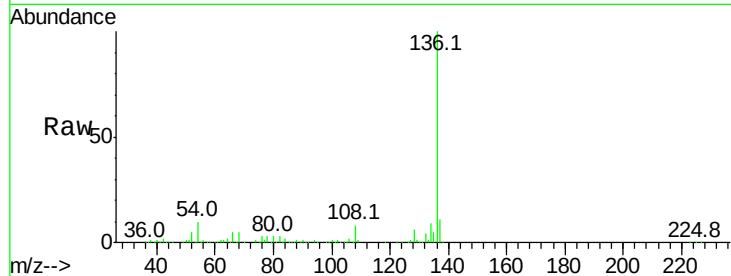
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.97 min Scan# 1000  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 503384 |       |       |
| 137     | 11.0  | 8.5    | 12.7  |       |
| 54      | 9.7   | 4.9    | 7.3#  |       |
| 68      | 4.9   | 4.1    | 6.1   |       |

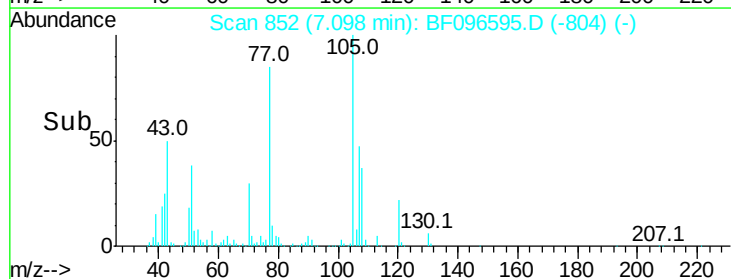
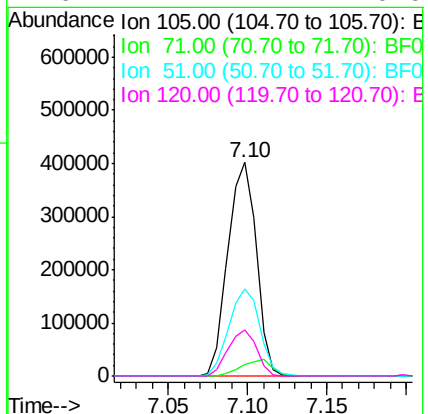
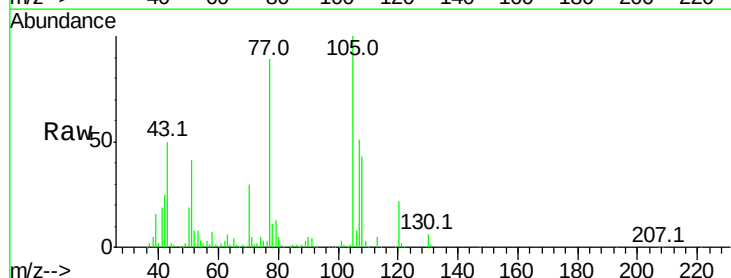
Manual Integrations  
APPROVED

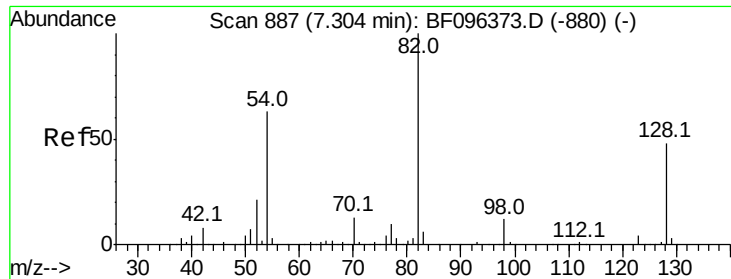
mohammad  
7/11/2017 1:35:02 PM



#22  
Acetophenone  
Concen: 45.50 ng  
RT: 7.10 min Scan# 852  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 500502 |       |       |
| 71      | 5.2   | 2.8    | 4.2#  |       |
| 51      | 41.0  | 30.7   | 46.1  |       |
| 120     | 21.7  | 17.4   | 26.0  |       |





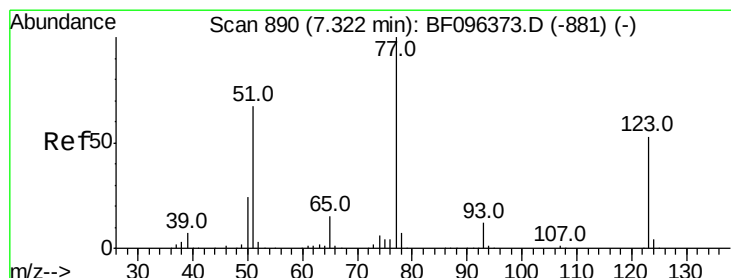
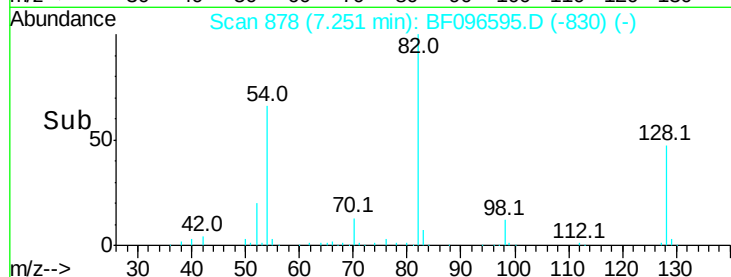
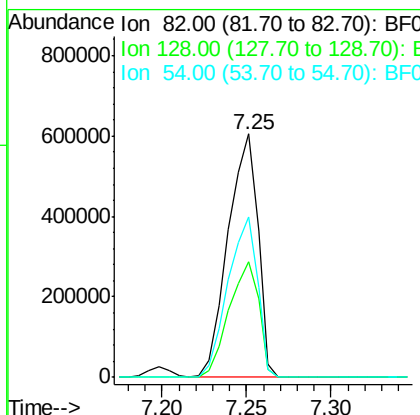
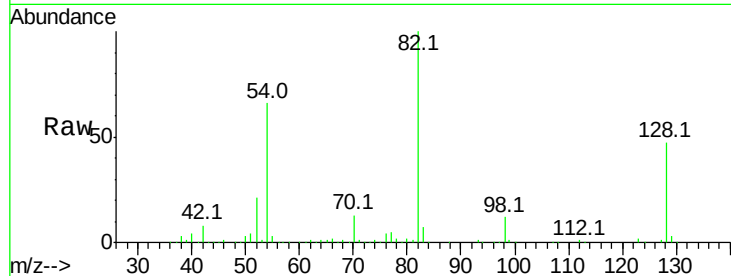
#23  
 Nitrobenzene-d5  
 Concen: 88.78 ng  
 RT: 7.25 min Scan# 878  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.2  | 34.0  | 51.0  |
| 54      | 65.8  | 42.2  | 63.2  |

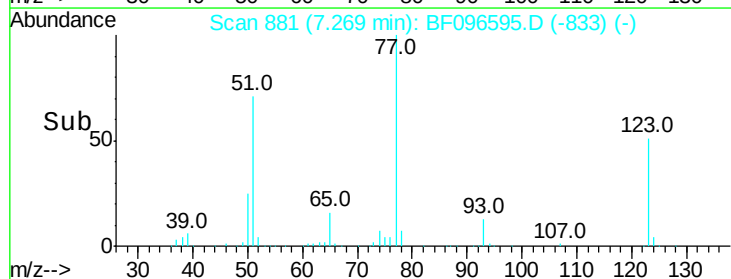
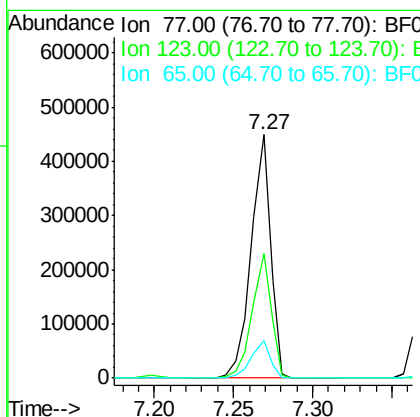
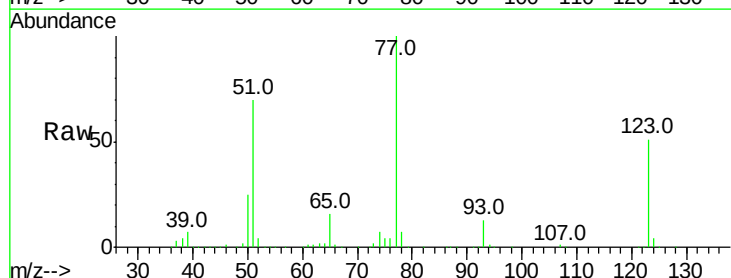
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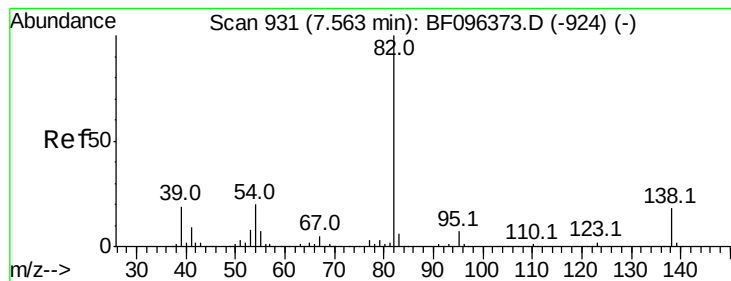


#24  
 Nitrobenzene  
 Concen: 43.63 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 51.1  | 35.8  | 53.8  |
| 65      | 15.6  | 10.6  | 15.8  |







#25

Isophorone

Concen: 44.58 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA\_F

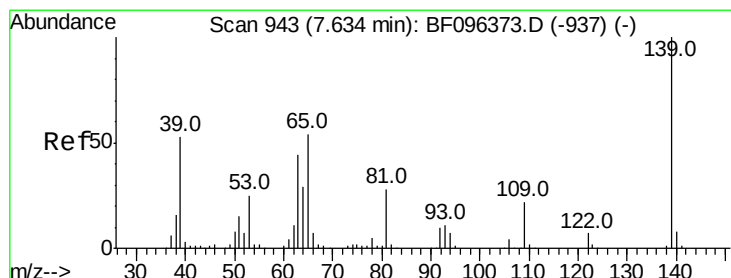
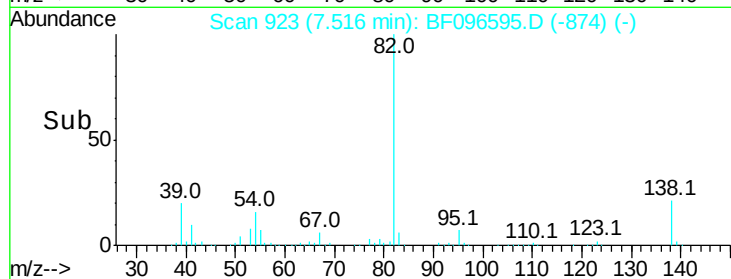
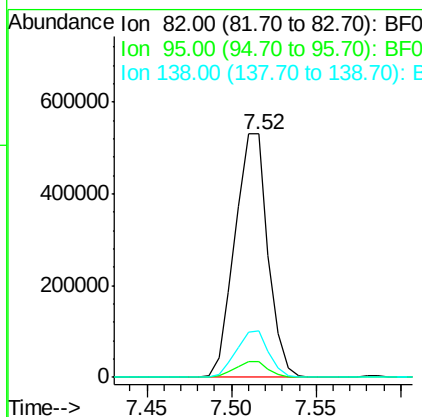
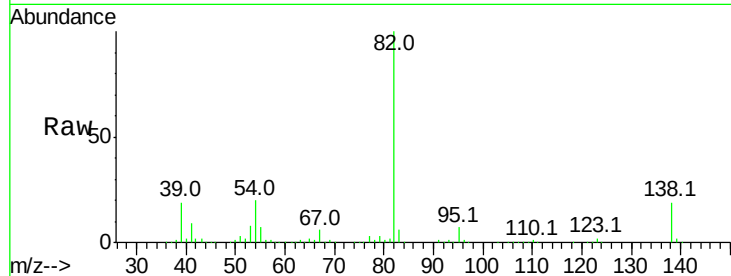
ClientSampleId :

SP-1-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 724064 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.6   | 5.3   | 7.9    |
| 138       | 19.1  | 13.1  | 19.7   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 46.52 ng

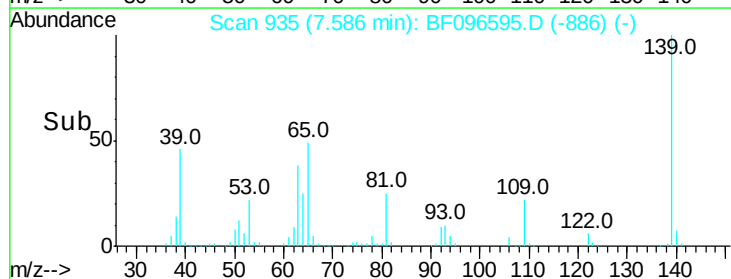
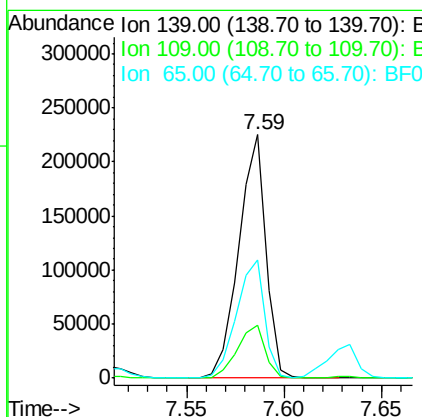
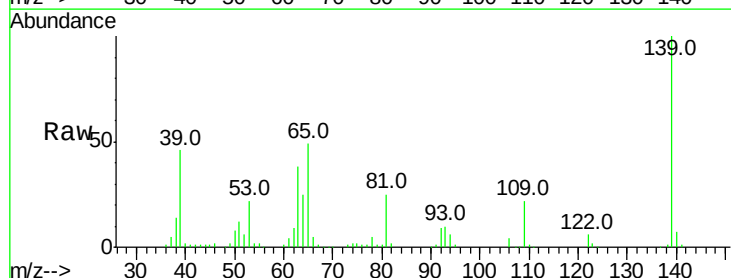
RT: 7.59 min Scan# 935

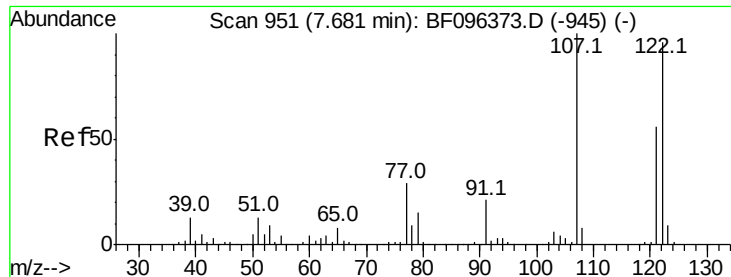
Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 216388 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 21.7  | 21.0  | 31.6   |
| 65        | 48.6  | 33.0  | 49.6   |





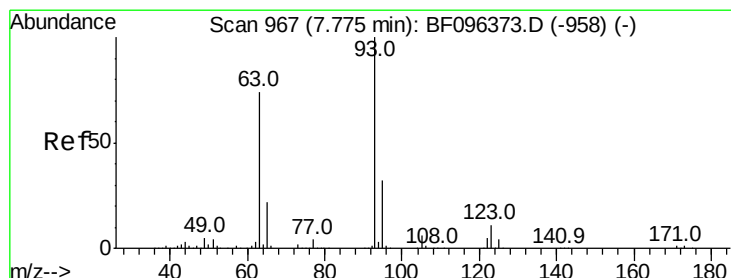
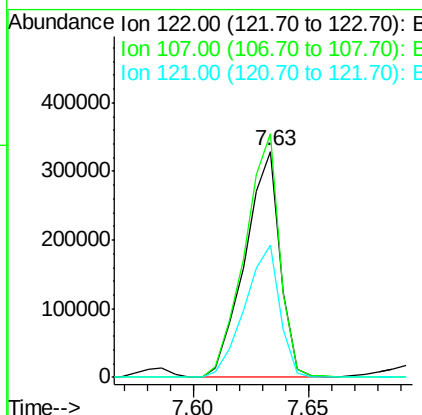
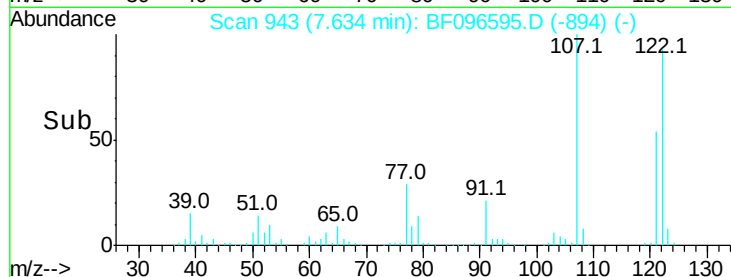
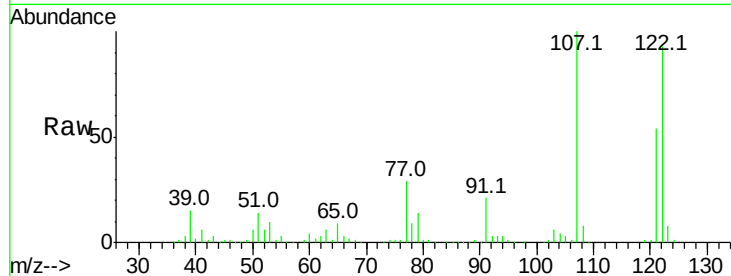
#27  
2,4-Dimethylphenol  
Concen: 44.20 ng  
RT: 7.63 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 107.7 | 89.2  | 133.8 |
| 121     | 58.3  | 45.2  | 67.8  |

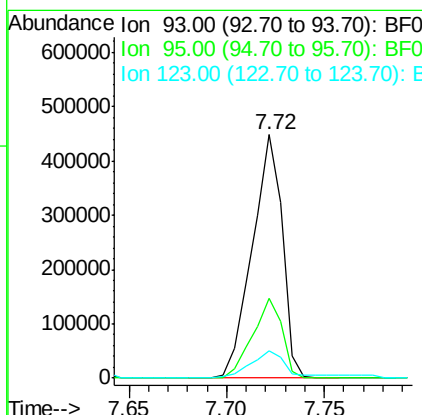
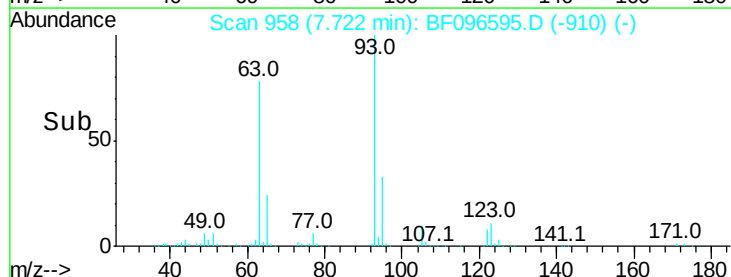
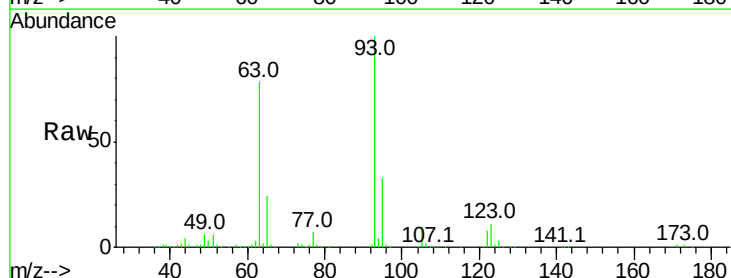
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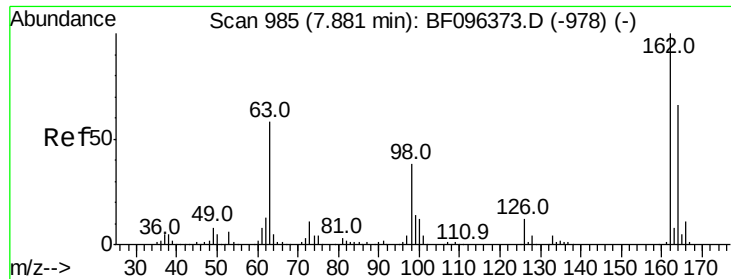
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 44.57 ng  
RT: 7.72 min Scan# 958  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 26.5  | 39.7  |
| 123     | 11.1  | 9.0   | 13.4  |





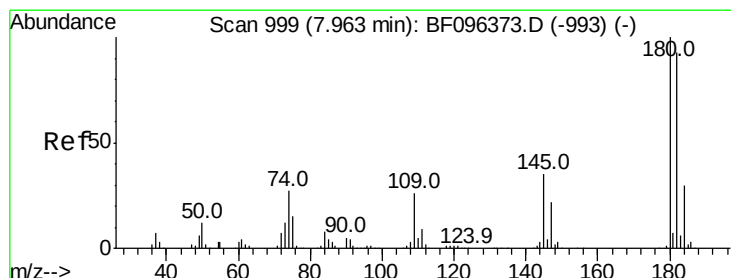
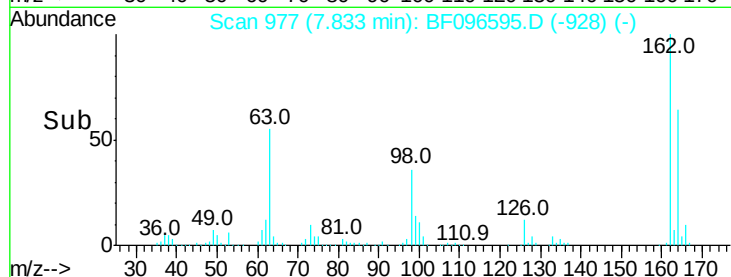
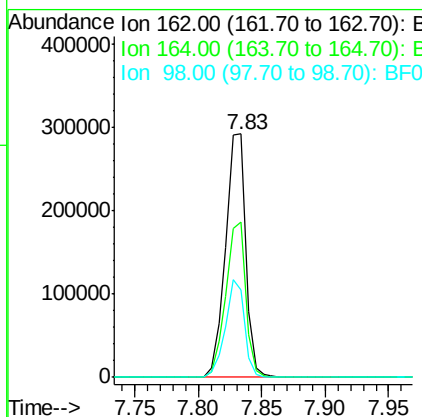
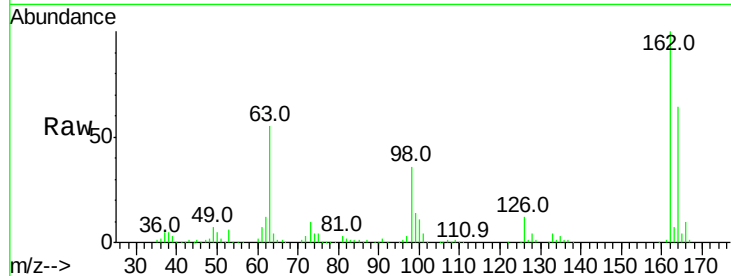
#29  
2,4-Dichlorophenol  
Concen: 47.41 ng  
RT: 7.83 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 323938 |       |       |
| 164     | 63.8  | 44.6   | 84.6  |       |
| 98      | 36.1  | 14.8   | 54.8  |       |

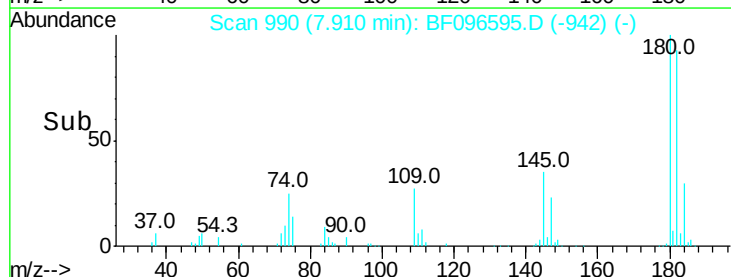
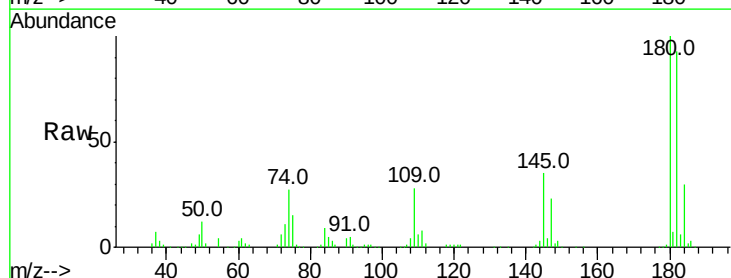
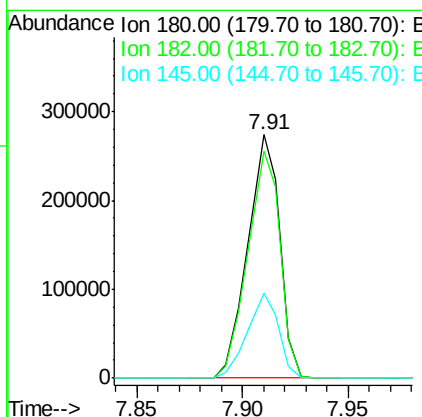
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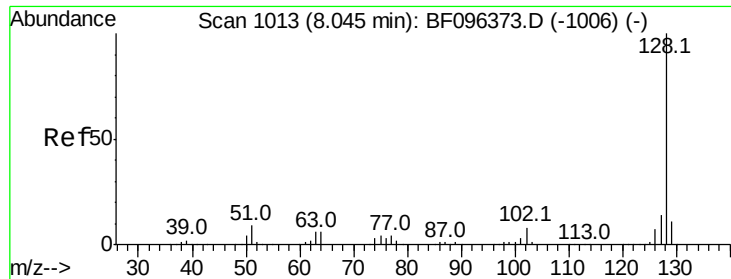
mohammad  
7/11/2017 1:35:02 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 44.71 ng  
RT: 7.91 min Scan# 990  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 288231 |       |       |
| 182     | 93.3  | 75.8   | 113.6 |       |
| 145     | 34.7  | 25.3   | 37.9  |       |





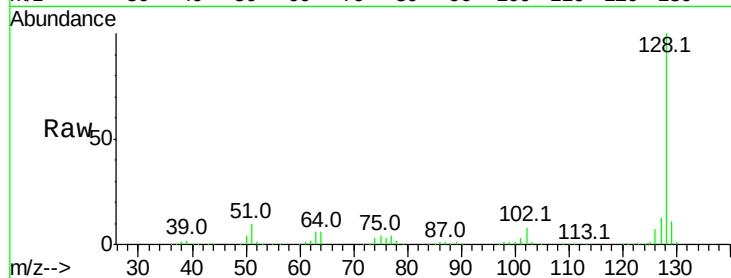
#31  
Naphthalene  
Concen: 45.41 ng  
RT: 7.99 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

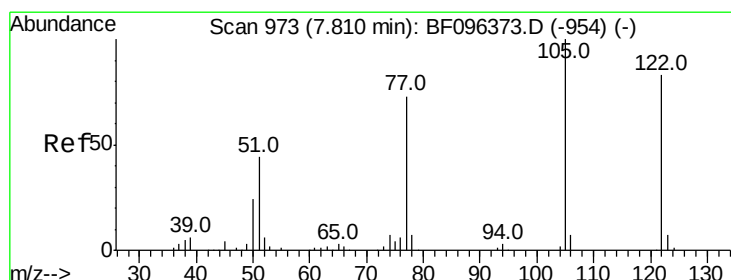
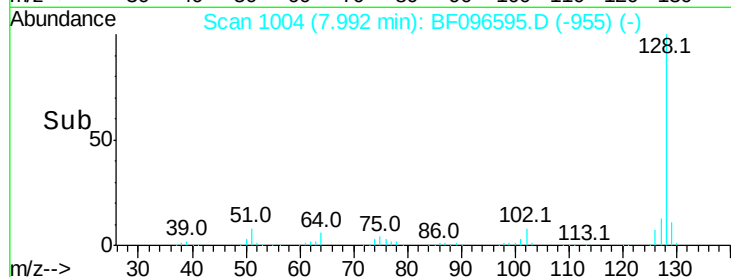
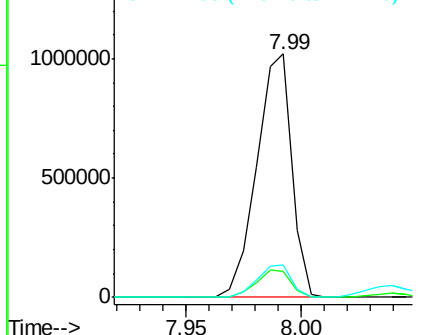
Tot Ion:128 Resp: 1079178  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.6  
127 13.4 10.8 16.2

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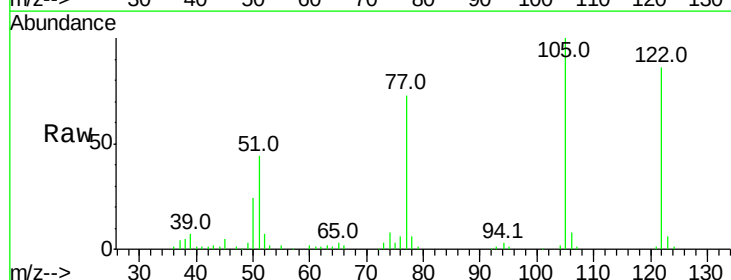


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

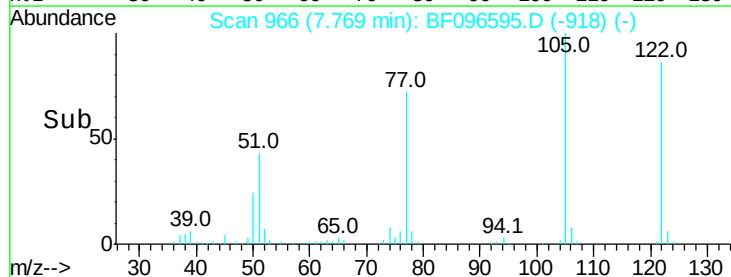
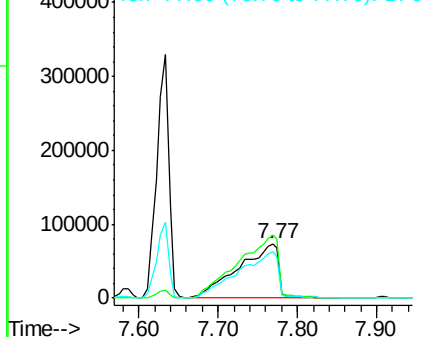


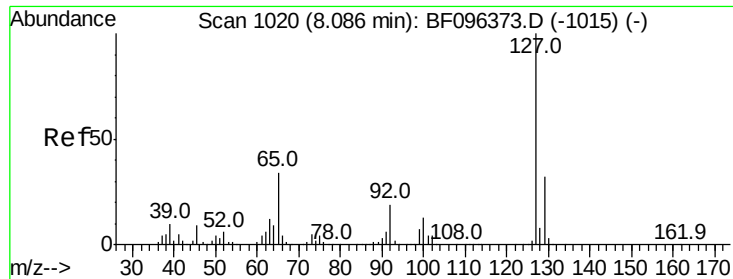
#32  
Benzoic acid  
Concen: 38.75 ng  
RT: 7.77 min Scan# 966  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Tgt Ion:122 Resp: 257753  
Ion Ratio Lower Upper  
122 100  
105 116.1 103.3 143.3  
77 84.8 73.7 113.7



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





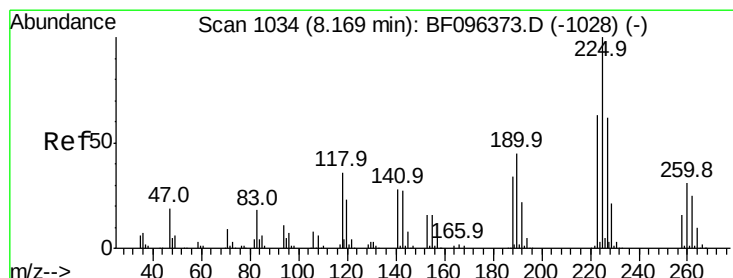
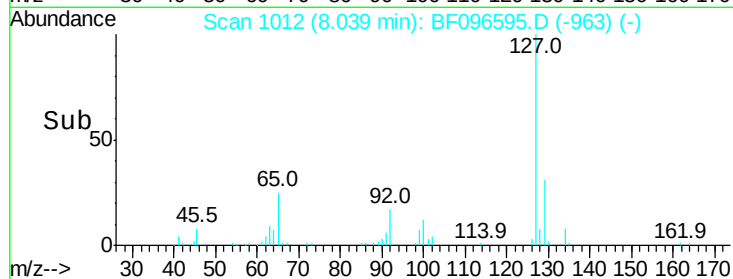
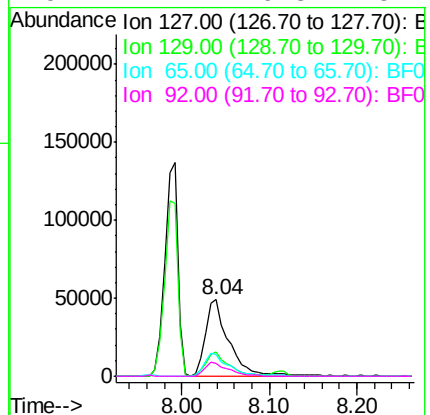
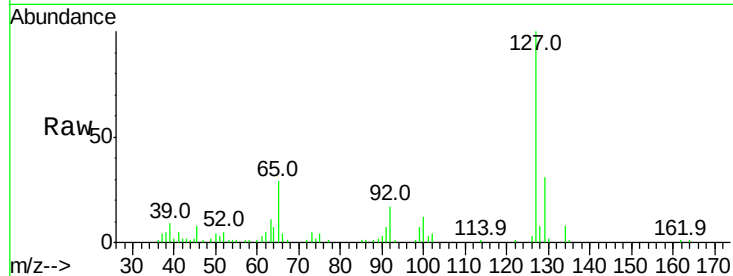
#33  
4-Chloroaniline  
Concen: 9.18 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.4 | 26.2  | 39.2 |       |       |
| 65      | 29.2 | 27.8  | 41.8 |       |       |
| 92      | 17.4 | 16.8  | 25.2 |       |       |

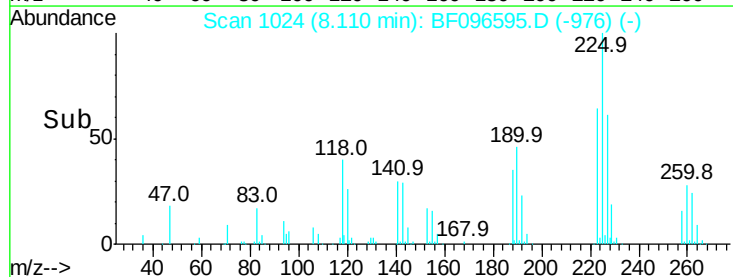
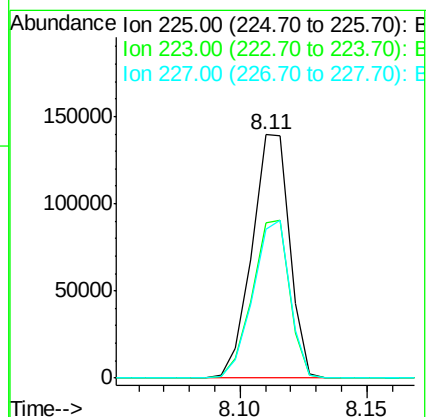
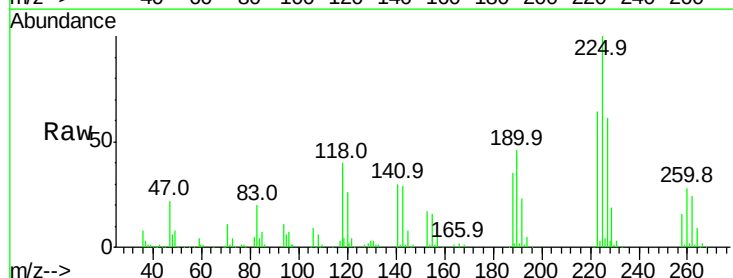
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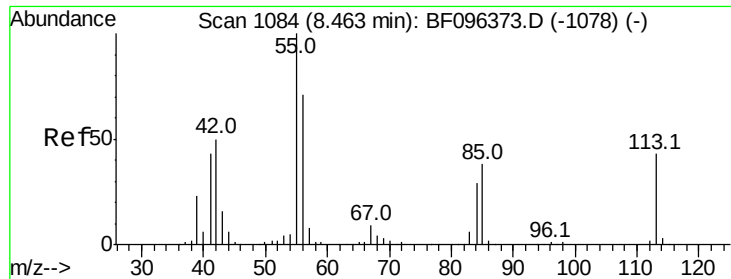
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 43.84 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.6 | 48.8  | 73.2 |       |       |
| 227     | 61.4 | 51.1  | 76.7 |       |       |





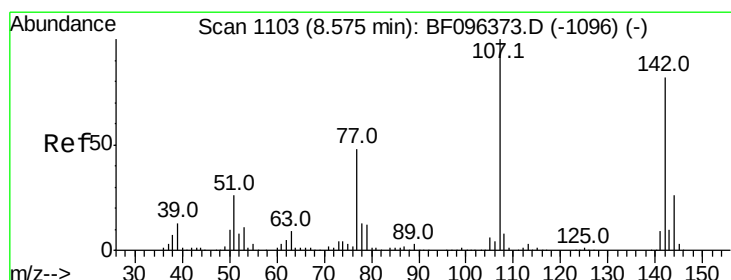
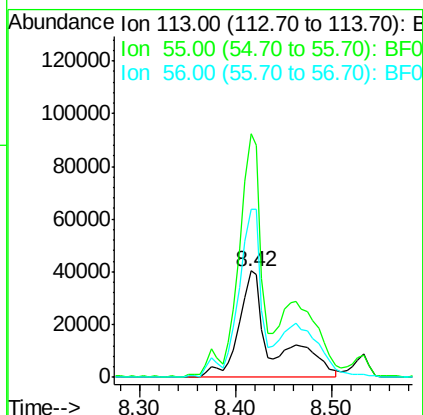
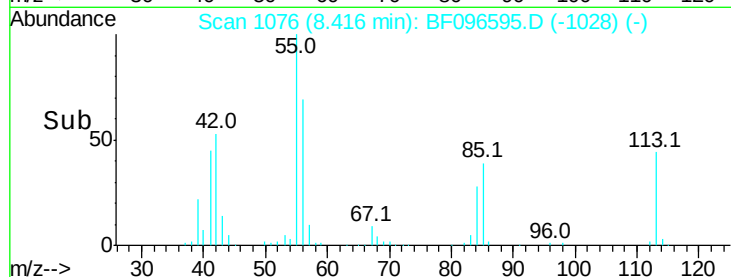
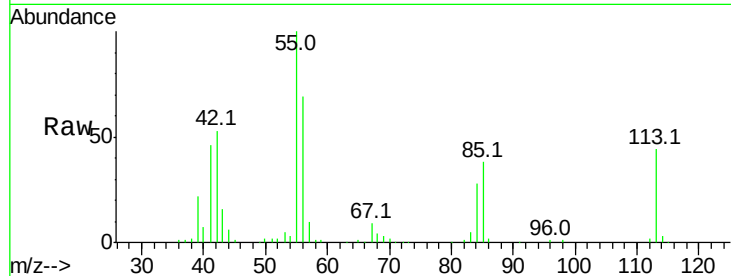
#35  
Caprolactam  
Concen: 42.59 ng/ml  
RT: 8.42 min Scan# 1076  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleID :  
SP-1-AMS

Tot Ion: 113 Resp: 100354  
Ion Ratio Lower Upper  
113 100  
55 228.8 150.2 190.2#  
56 158.0 107.8 147.8#

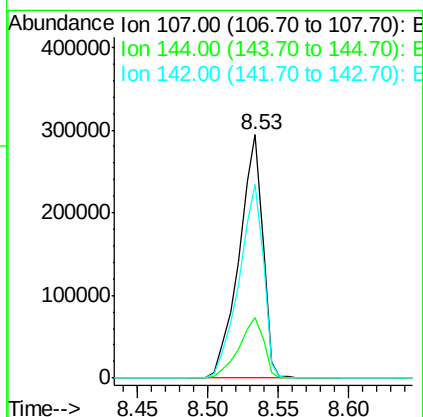
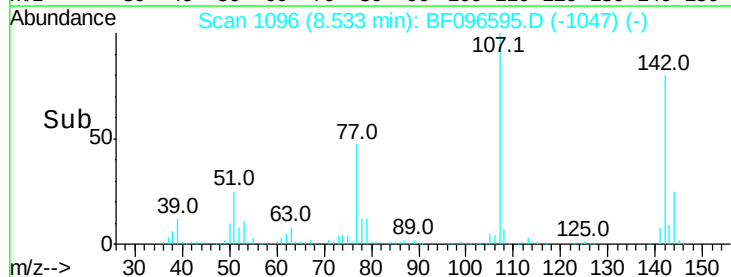
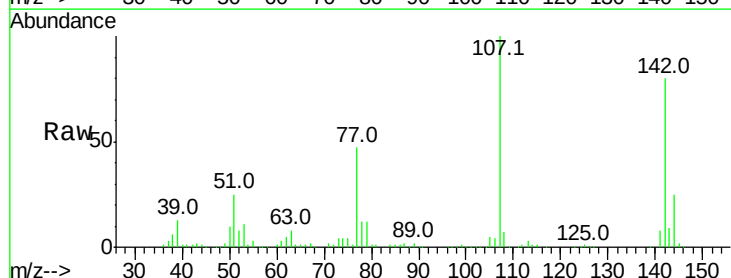
Manual Integrations  
APPROVED

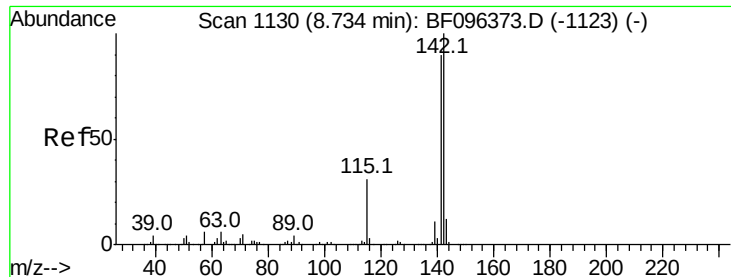
mohammad  
7/11/2017 1:35:02 PM



#36  
4-Chloro-3-methylphenol  
Concen: 45.60 ng/ml  
RT: 8.53 min Scan# 1096  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Tgt Ion: 107 Resp: 344758  
Ion Ratio Lower Upper  
107 100  
144 25.1 24.2 36.4  
142 79.6 73.4 110.0





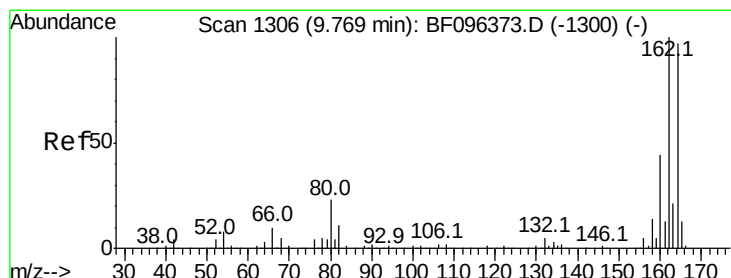
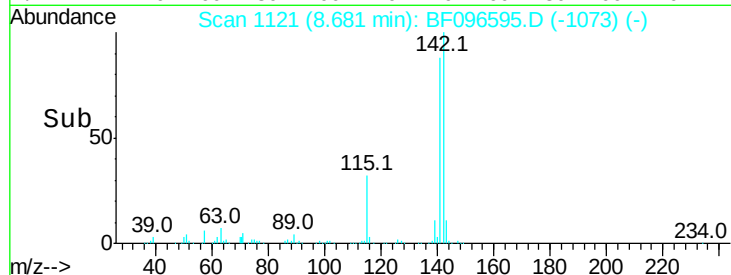
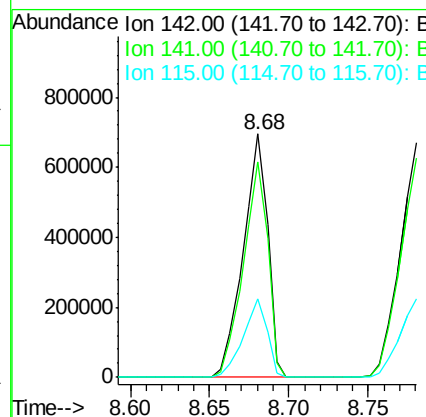
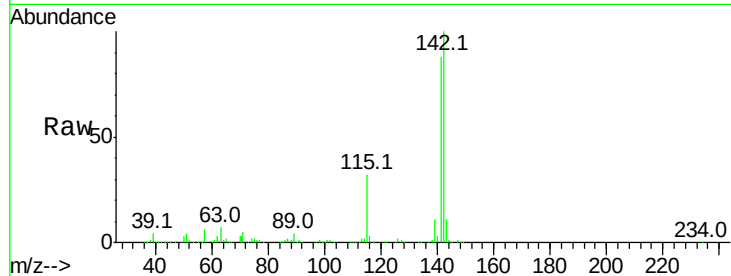
#37  
2-Methylnaphthalene  
Concen: 49.03 ng  
RT: 8.68 min Scan# 1121  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.4  | 71.3  | 106.9 |
| 115     | 32.1  | 27.1  | 40.7  |

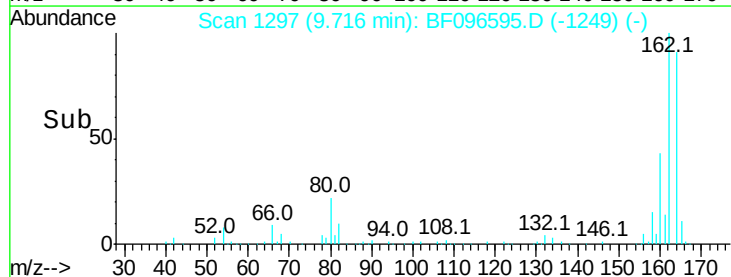
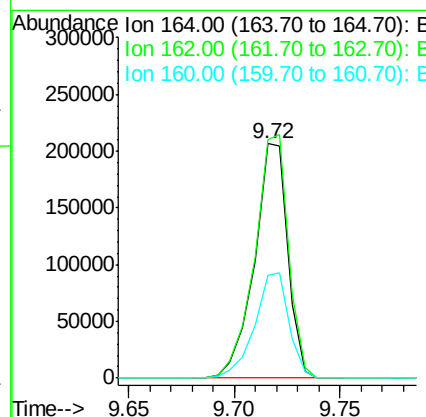
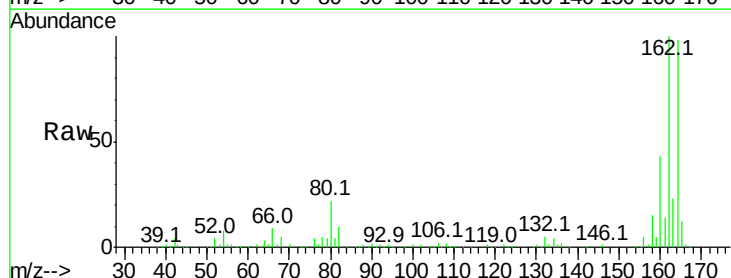
Manual Integrations  
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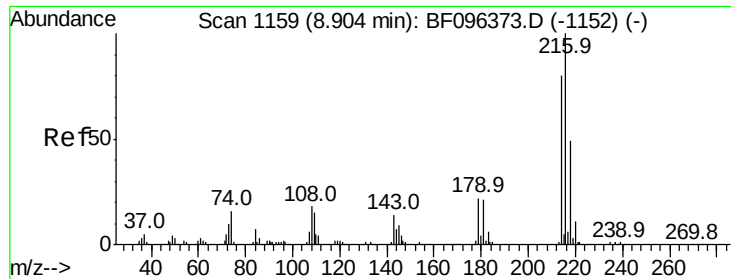
mohammad  
7/11/2017 1:35:02 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.8 | 82.6  | 123.8 |
| 160     | 43.8  | 36.2  | 54.2  |





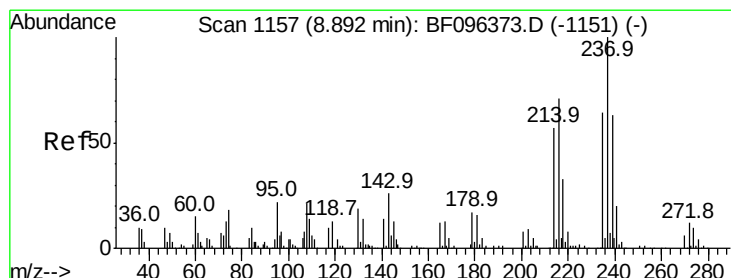
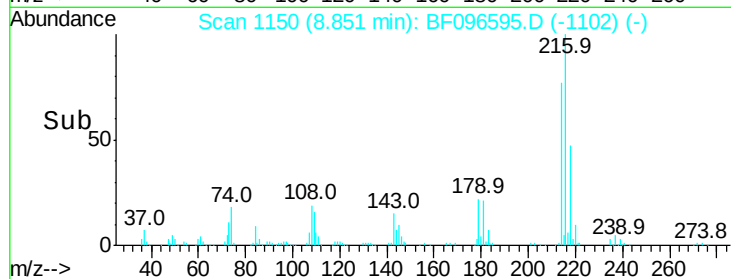
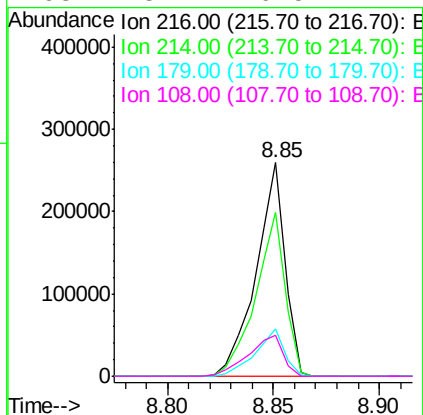
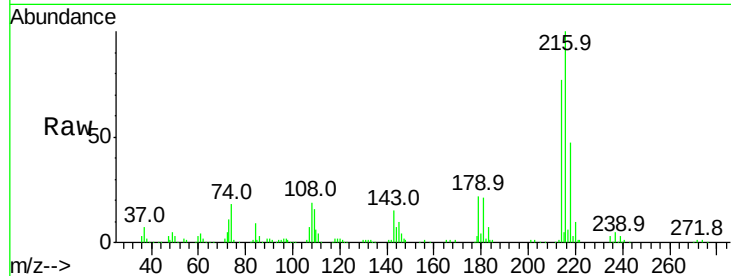
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.89 ng  
 RT: 8.85 min Scan# 1150  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 77.8  | 63.4       | 95.2  |
| 179     | 22.4  | 17.9       | 26.9  |
| 108     | 23.1  | 16.5       | 24.7  |

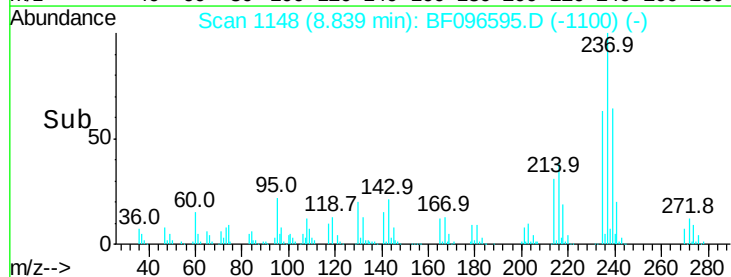
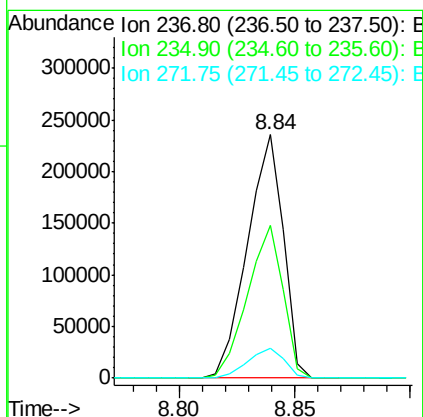
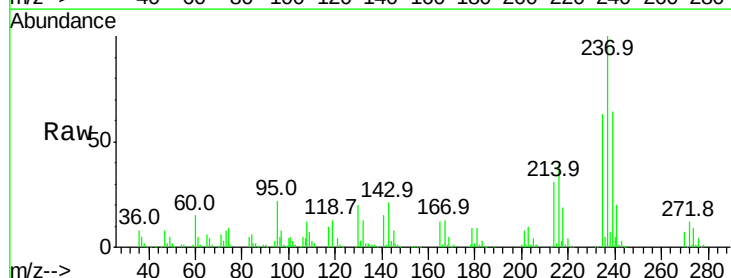
Manual Integrations  
 APPROVED

mohammad  
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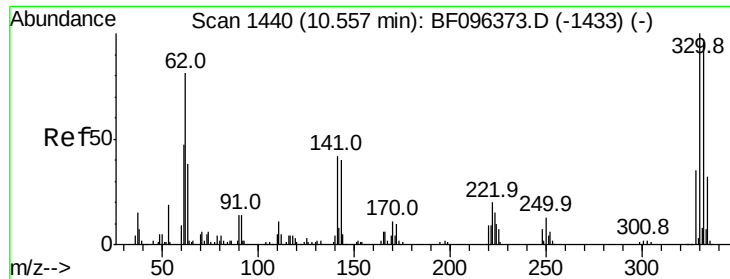


#40  
 Hexachlorocyclopentadiene  
 Concen: 88.61 ng  
 RT: 8.84 min Scan# 1148  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 62.8  | 42.6       | 82.6  |
| 272     | 12.1  | 0.0        | 31.9  |







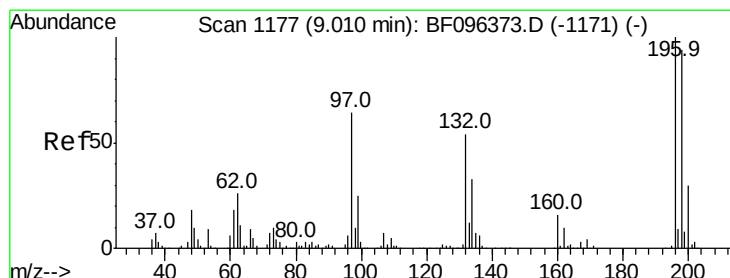
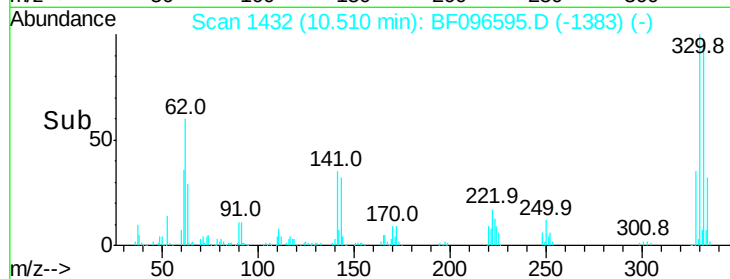
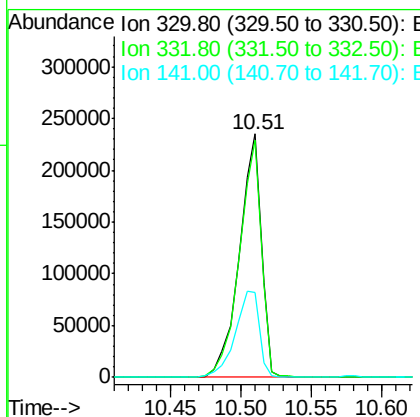
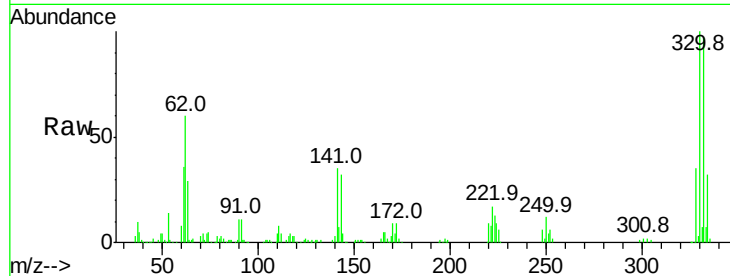
#41  
 2,4,6-Tribromophenol  
 Concen: 143.84 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 256299 |       |       |
| 332     | 97.3  | 76.6   | 115.0 |       |
| 141     | 38.4  | 31.4   | 47.2  |       |

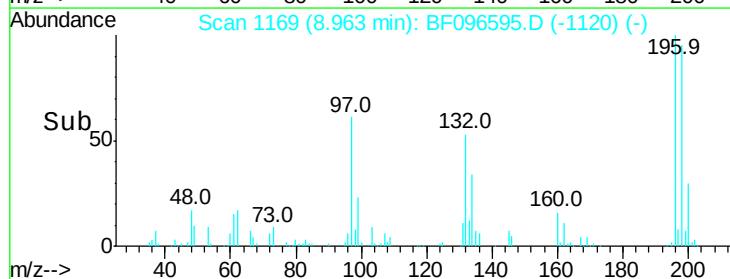
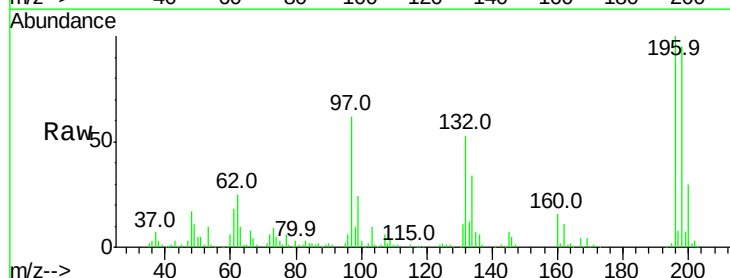
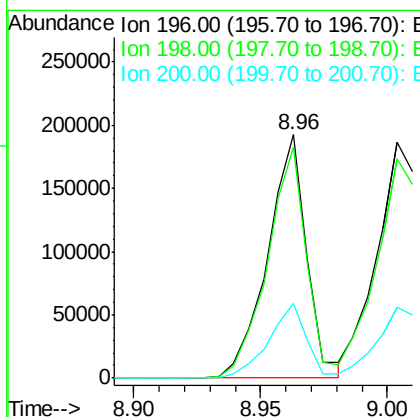
Manual Integrations  
 APPROVED

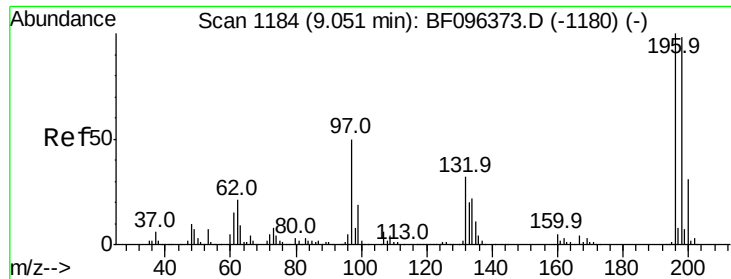
mohammad  
 7/11/2017 1:35:02 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 44.26 ng  
 RT: 8.96 min Scan# 1169  
 Delta R.T. -0.01 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 207403 |       |       |
| 198     | 94.6  | 74.2   | 111.4 |       |
| 200     | 30.5  | 24.0   | 36.0  |       |





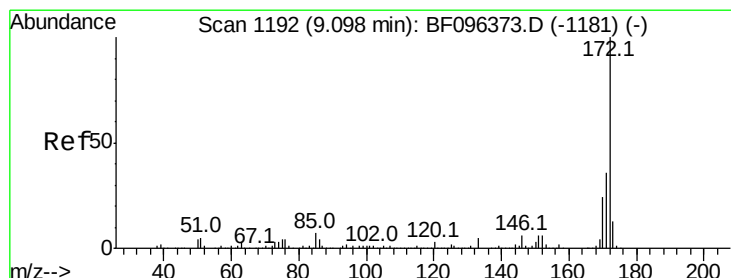
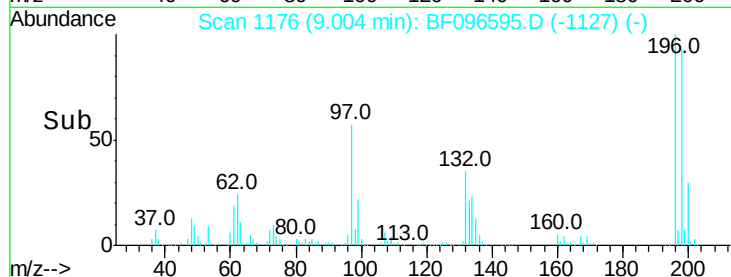
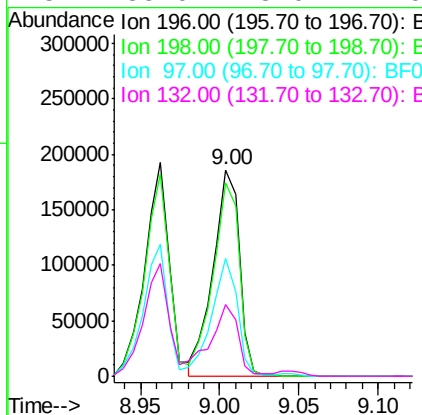
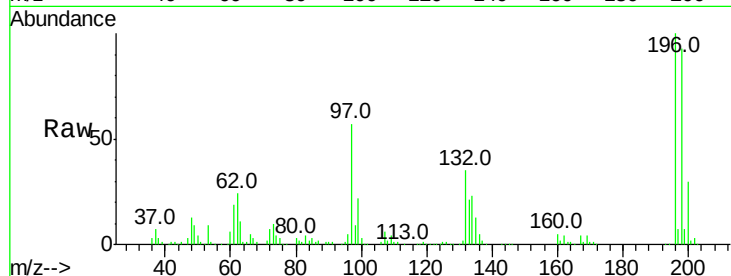
#43  
 2,4,5-Trichlorophenol  
 Concen: 46.72 ng  
 RT: 9.00 min Scan# 1176  
 Delta R.T. -0.01 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 216452 |       |       |
| 198     | 93.5  | 75.7   | 113.5 |       |
| 97      | 57.4  | 47.7   | 71.5  |       |
| 132     | 35.0  | 28.0   | 42.0  |       |

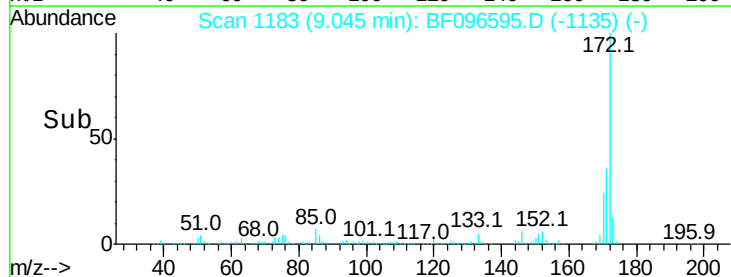
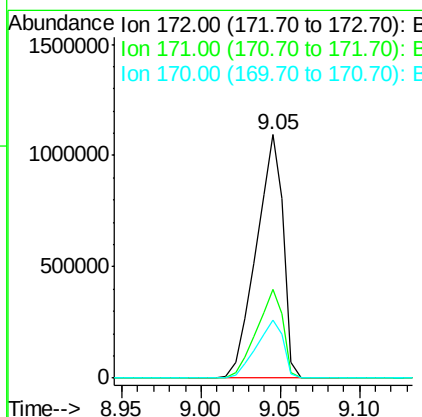
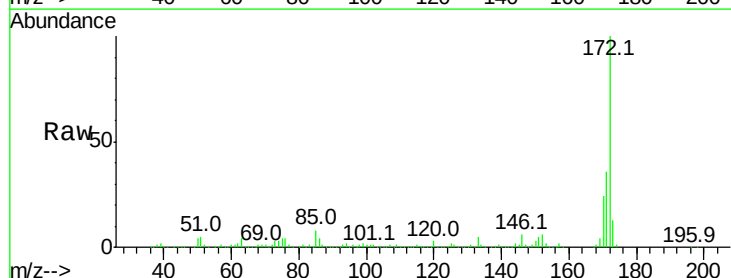
Manual Integrations  
 APPROVED

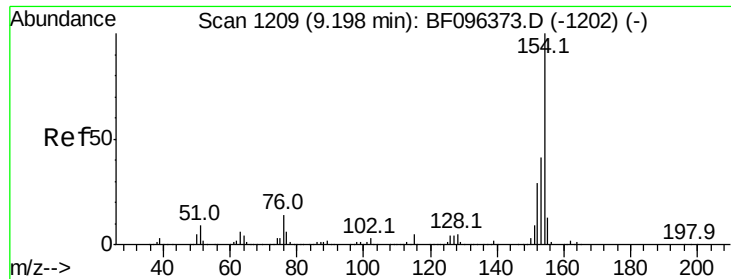
mohammad  
 7/11/2017 1:35:02 PM



#44  
 2-Fluorobiphenyl  
 Concen: 96.62 ng  
 RT: 9.05 min Scan# 1183  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1289081 |       |       |
| 171     | 36.4  | 29.6    | 44.4  |       |
| 170     | 23.7  | 19.8    | 29.8  |       |





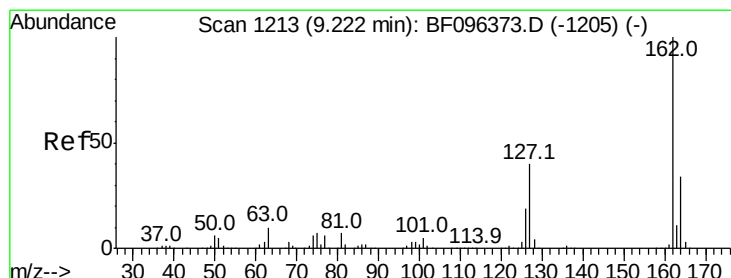
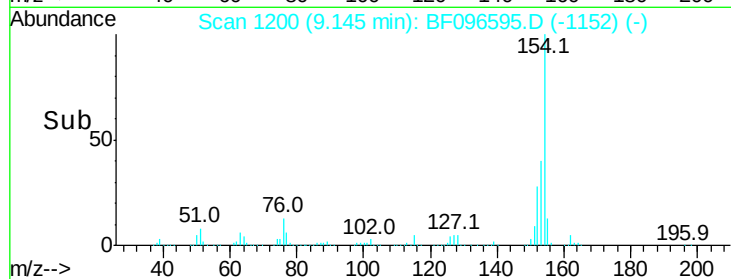
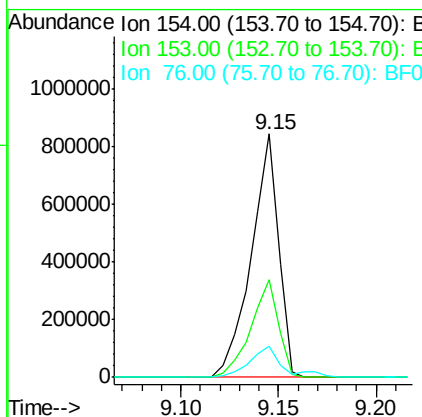
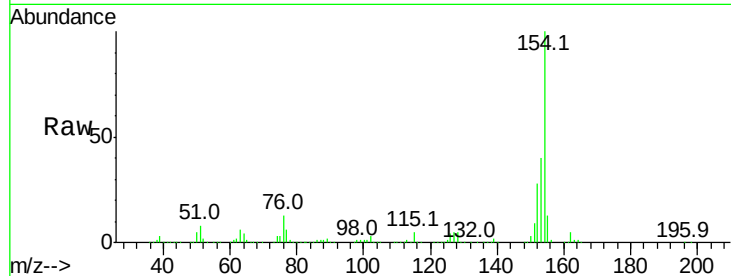
#45  
1,1'-Biphenyl  
Concen: 42.04 ng  
RT: 9.15 min Scan# 1200  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 821748 |       |       |
| 153     | 40.0  |        | 21.2  | 61.2  |
| 76      | 12.6  |        | 0.0   | 29.9  |

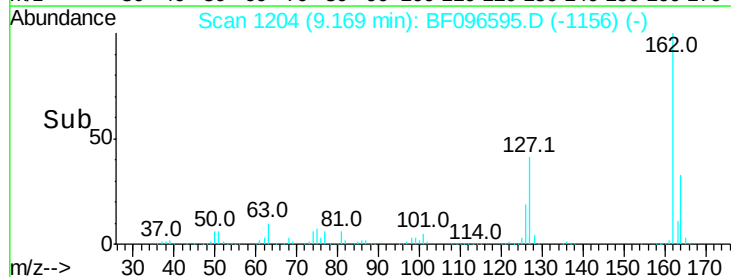
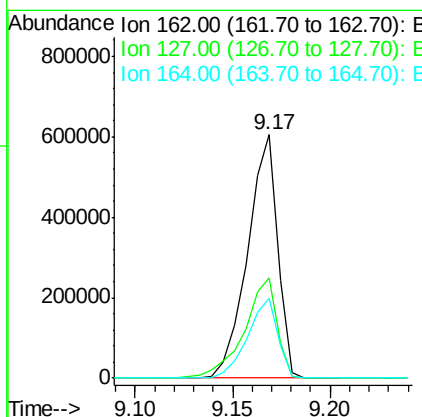
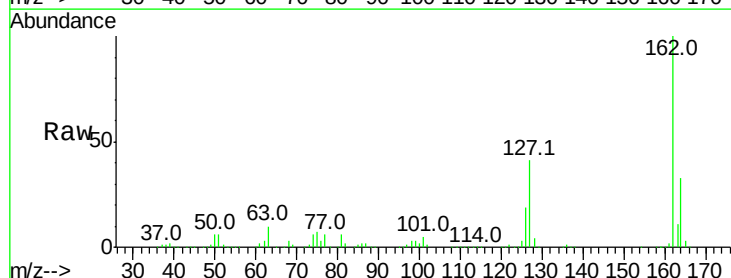
Manual Integrations  
APPROVED

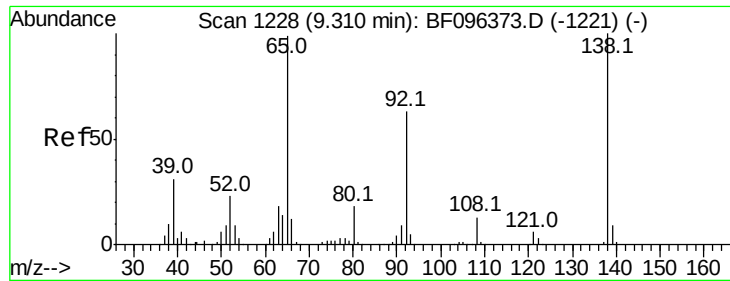
mohammad  
7/11/2017 1:35:02 PM



#46  
2-Chloronaphthalene  
Concen: 44.18 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 643552 |       |       |
| 127     | 41.2  |        | 28.3  | 42.5  |
| 164     | 32.9  |        | 27.0  | 40.4  |





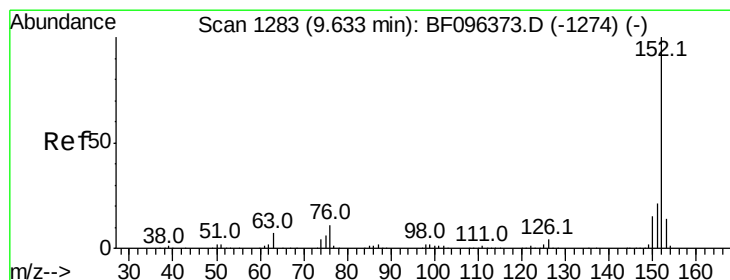
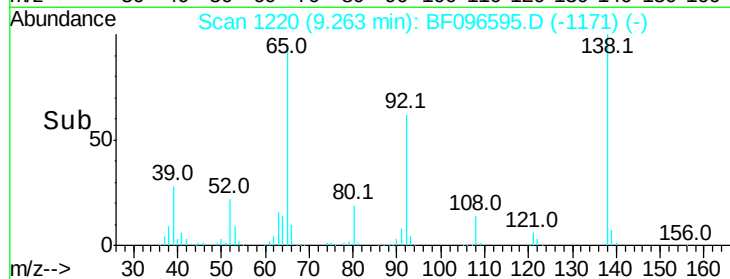
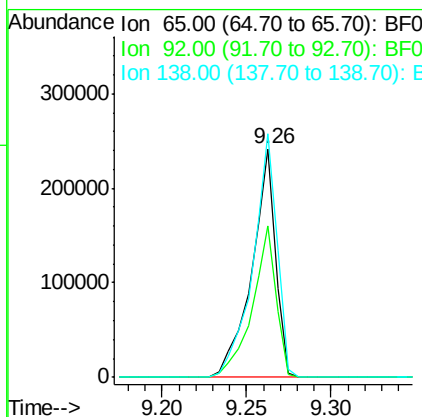
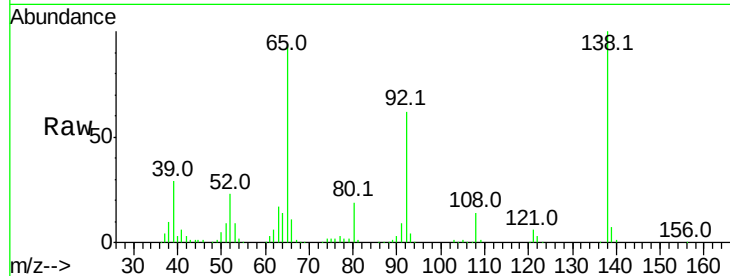
#47  
2-Nitroaniline  
Concen: 45.12 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.0  | 53.9  | 80.9  |
| 138     | 106.5 | 78.8  | 118.2 |

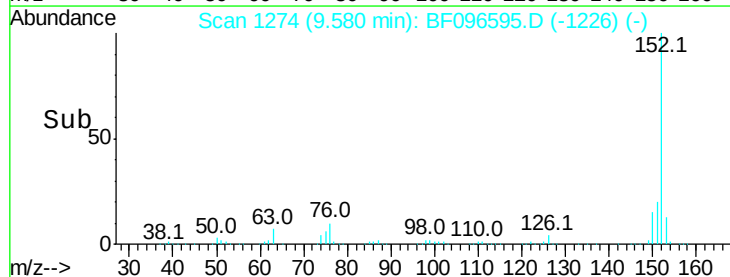
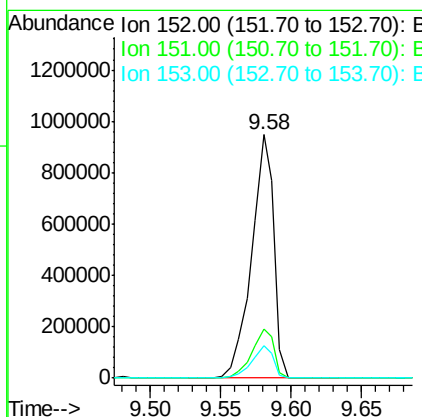
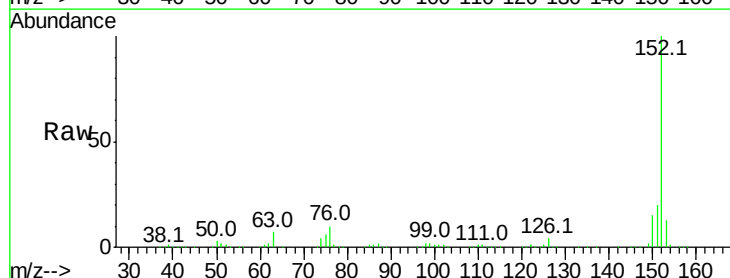
Manual Integrations  
APPROVED

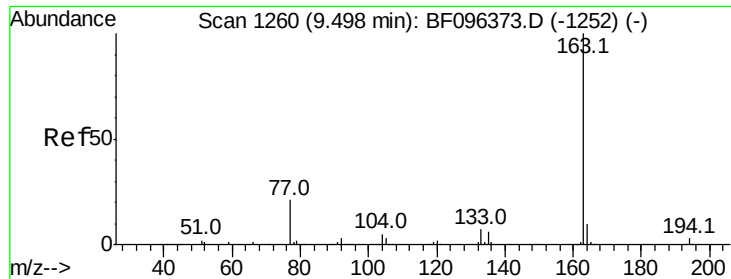
mohammad  
7/11/2017 1:35:02 PM



#48  
Acenaphthylene  
Concen: 45.25 ng  
RT: 9.58 min Scan# 1274  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.4  | 16.8  | 25.2  |
| 153     | 13.3  | 10.8  | 16.2  |





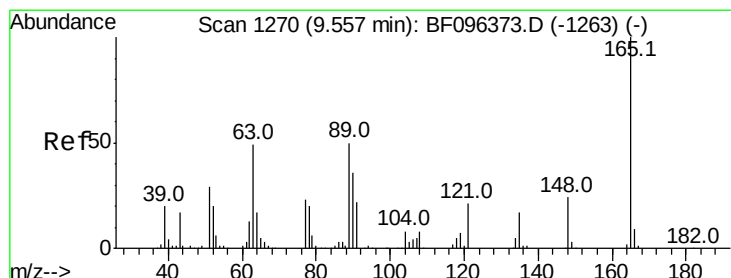
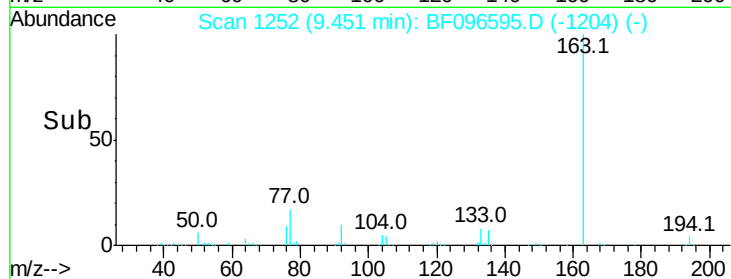
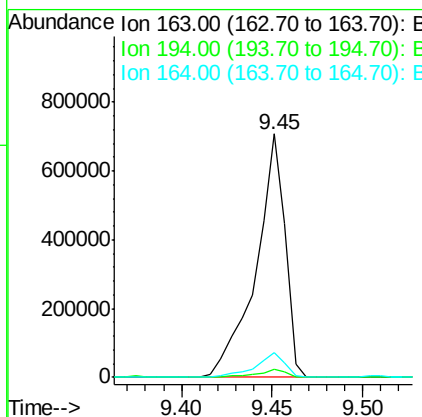
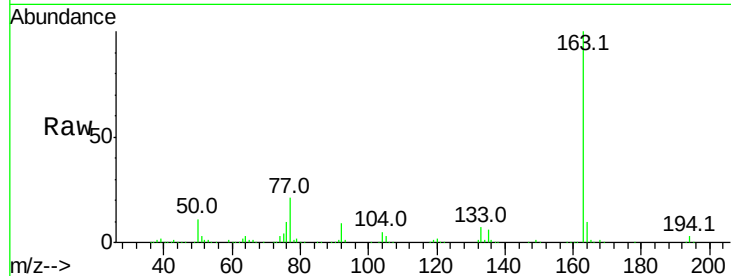
#49  
 Dimethylphthalate  
 Concen: 46.60 ng  
 RT: 9.45 min Scan# 1252  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 793542 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.2   | 2.6   | 4.0    |
| 164       | 10.1  | 8.4   | 12.6   |

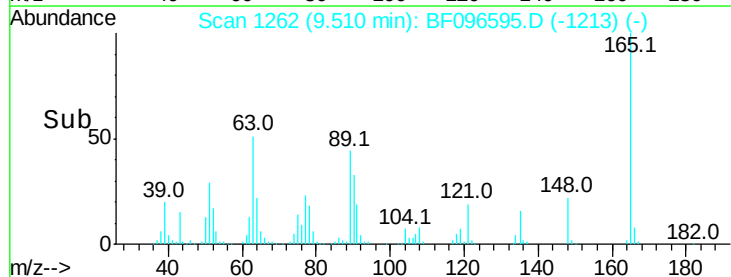
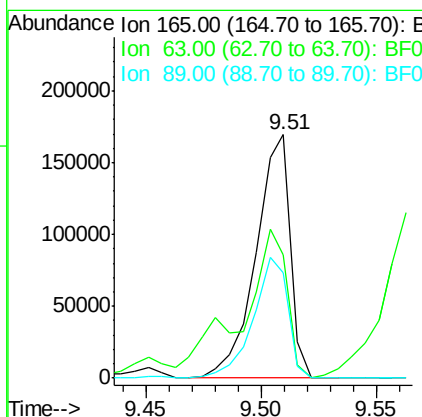
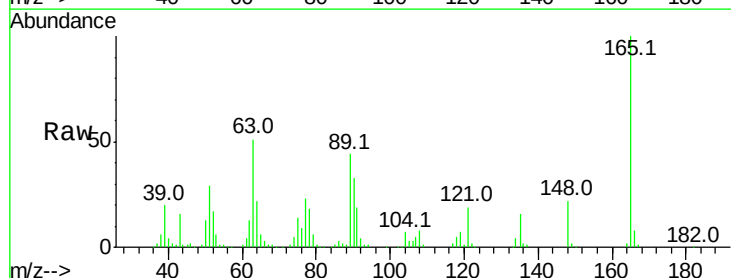
Manual Integrations  
 APPROVED

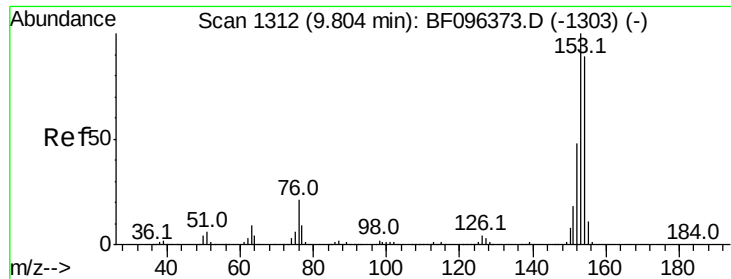
mohammad  
 7/11/2017 1:35:02 PM



#50  
 2,6-Dinitrotoluene  
 Concen: 46.85 ng  
 RT: 9.51 min Scan# 1262  
 Delta R.T. -0.01 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 176432 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 50.7  | 34.3  | 51.5   |
| 89        | 43.5  | 37.1  | 55.7   |





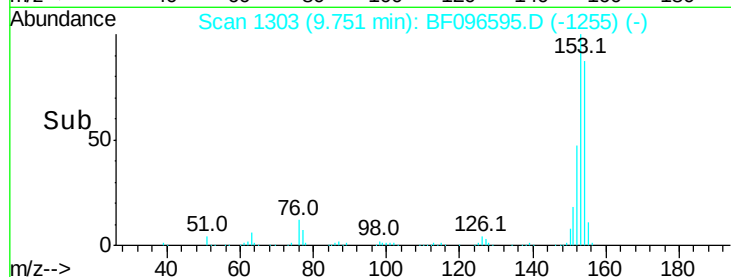
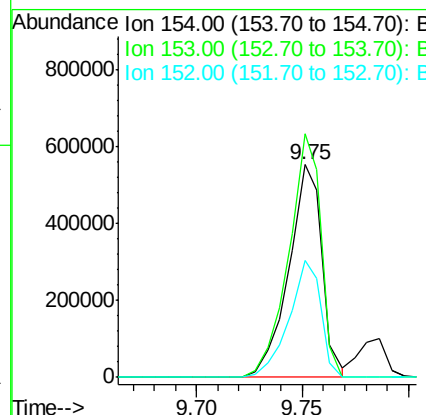
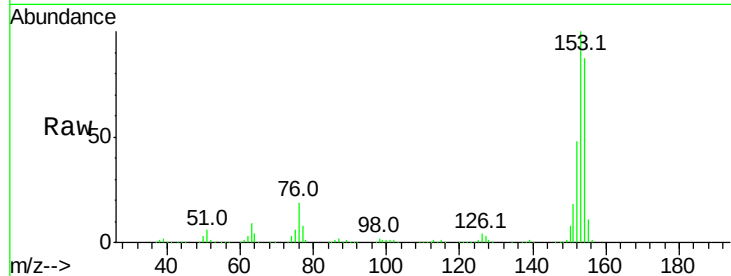
#51  
Acenaphthene  
Concen: 42.77 ng  
RT: 9.75 min Scan# 1303  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.5 | 90.5  | 135.7 |
| 152     | 54.7  | 43.6  | 65.4  |

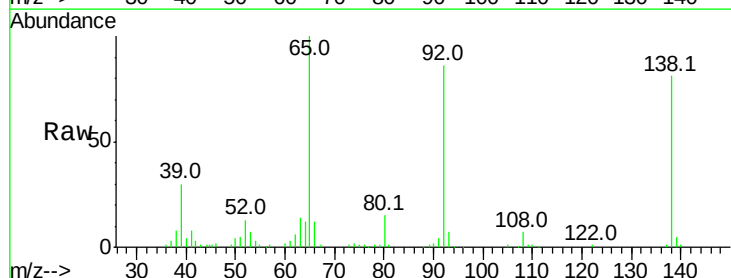
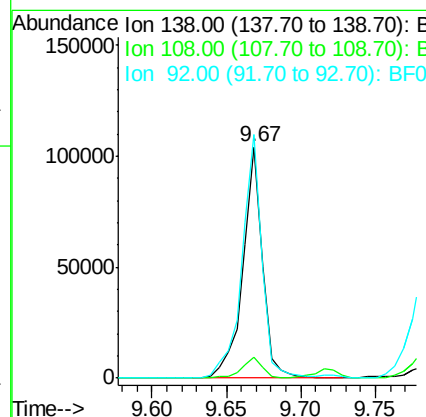
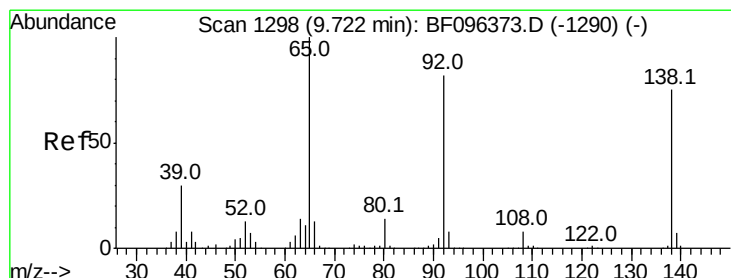
Manual Integrations  
APPROVED

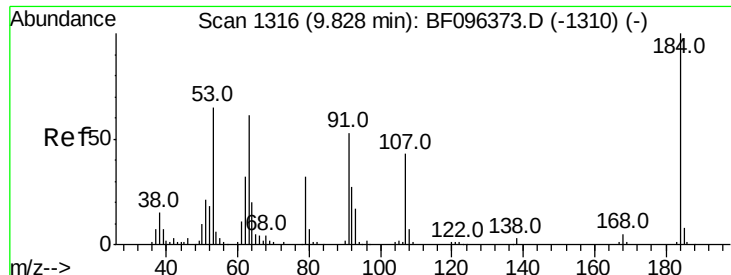
mohammad  
7/11/2017 1:35:02 PM



#52  
3-Nitroaniline  
Concen: 20.34 ng  
RT: 9.67 min Scan# 1289  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 8.9   | 9.1   | 13.7# |
| 92      | 105.5 | 93.8  | 140.6 |





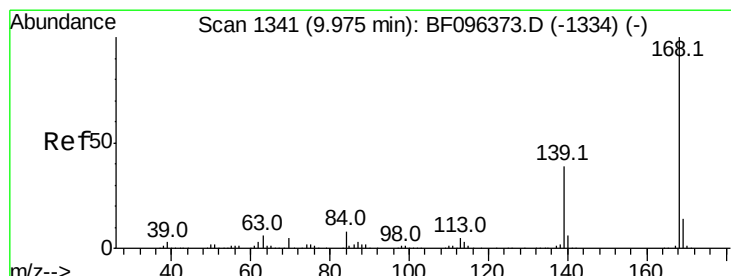
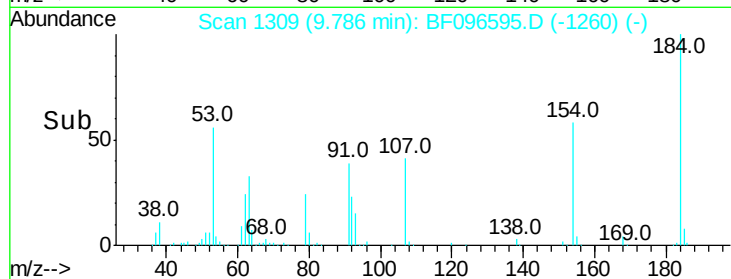
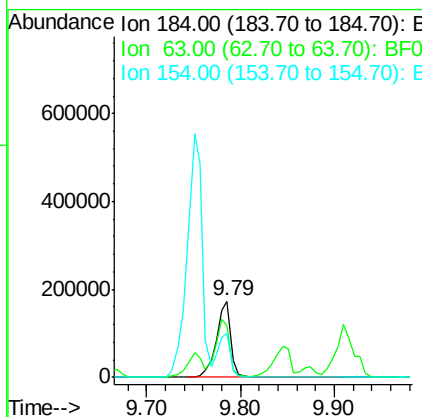
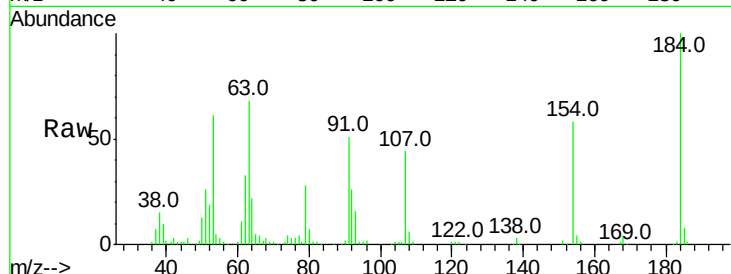
#53  
2,4-Dinitrophenol  
Concen: 94.15 ng  
RT: 9.79 min Scan# 1309  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampled :  
SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 188300 |       |       |
| 63      | 68.2  | 62.7   | 94.1  |       |
| 154     | 57.6  | 81.1   | 121.7 |       |

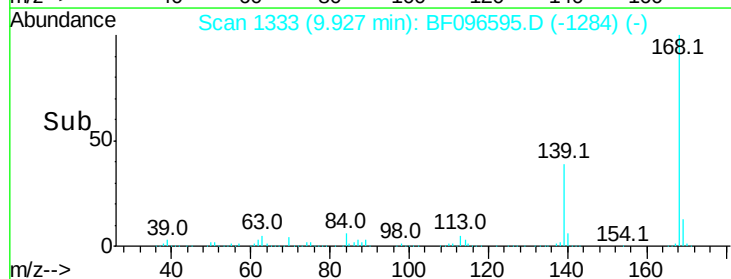
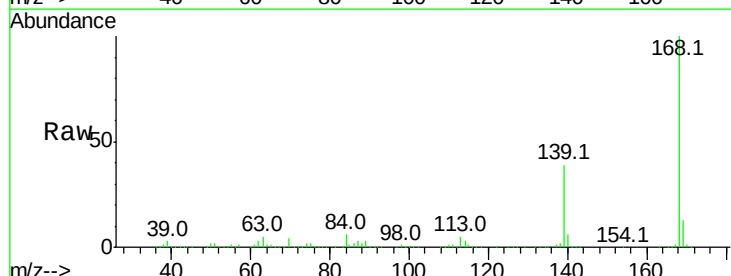
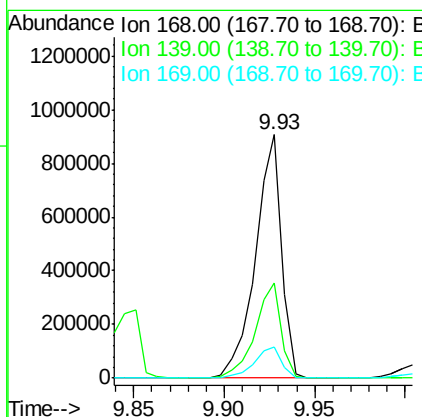
Manual Integrations  
APPROVED

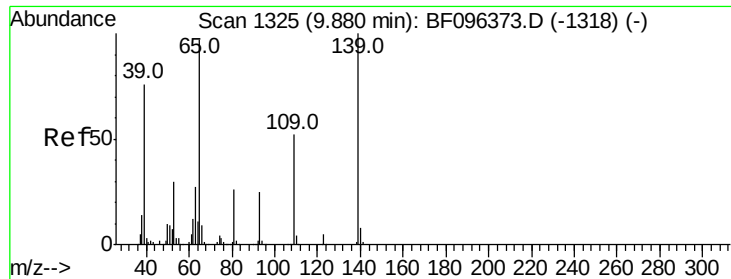
mohammad  
7/11/2017 1:35:02 PM



#54  
Dibenzofuran  
Concen: 48.18 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 904949 |       |       |
| 139     | 38.8  | 30.6   | 45.8  |       |
| 169     | 13.0  | 10.8   | 16.2  |       |





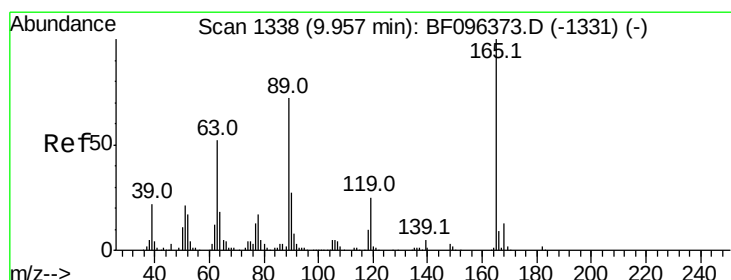
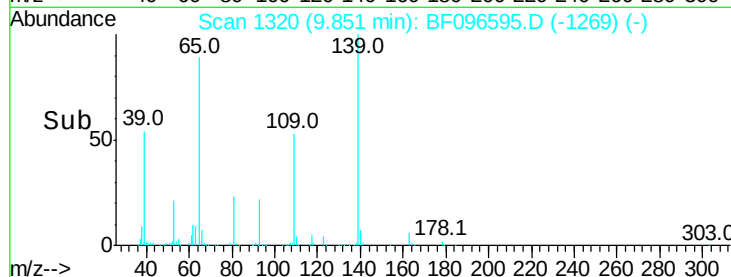
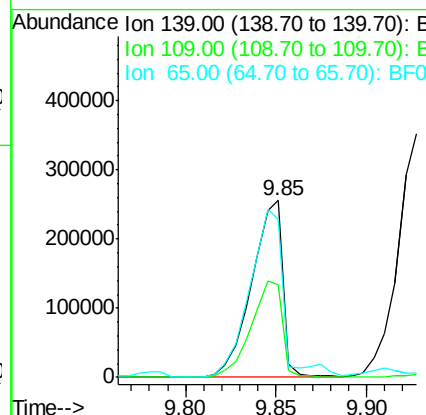
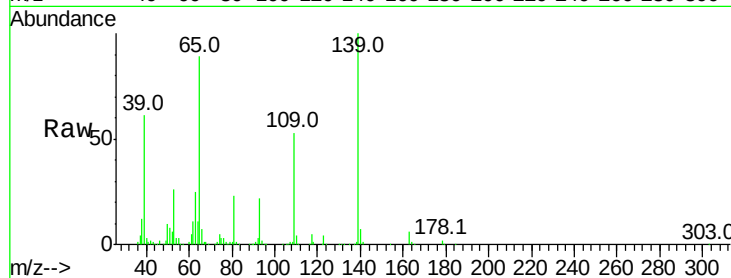
#55  
4-Nitrophenol  
Concen: 78.85 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 52.5  | 34.1 | 74.1  |       |
| 65      | 89.4  | 31.4 | 71.4  |       |

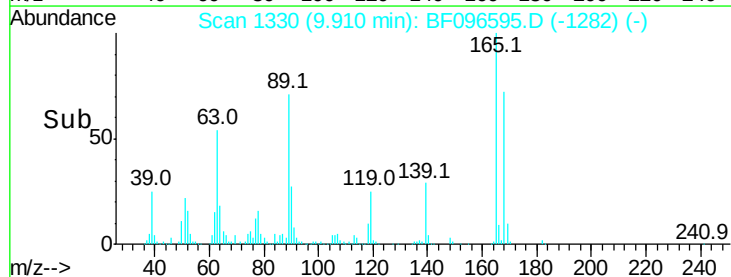
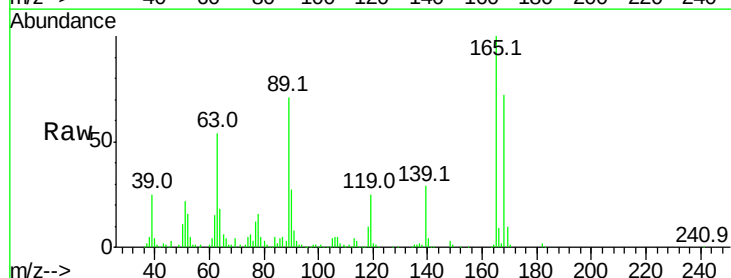
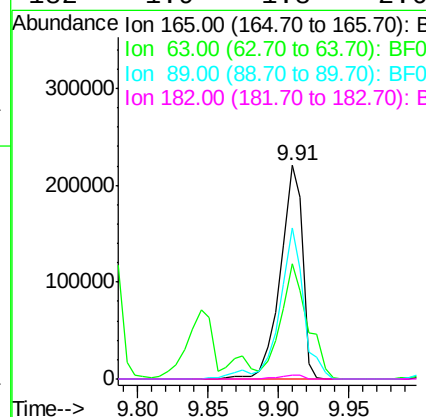
Manual Integrations  
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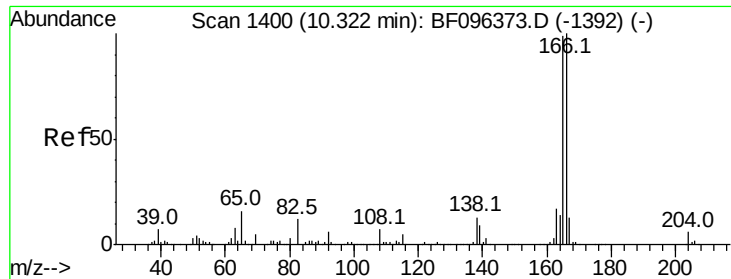


#56  
2,4-Dinitrotoluene  
Concen: 50.58 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 54.1  | 25.4 | 38.0  |       |
| 89      | 70.6  | 46.4 | 69.6  |       |
| 182     | 1.9   | 1.8  | 2.6   |       |







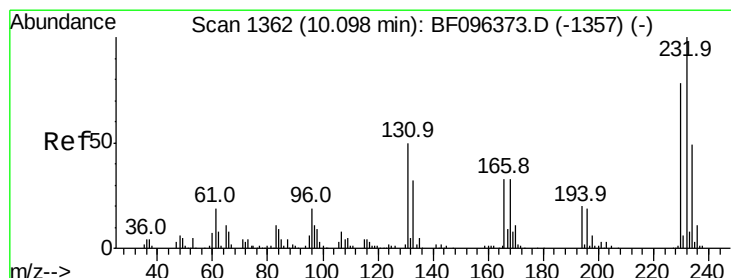
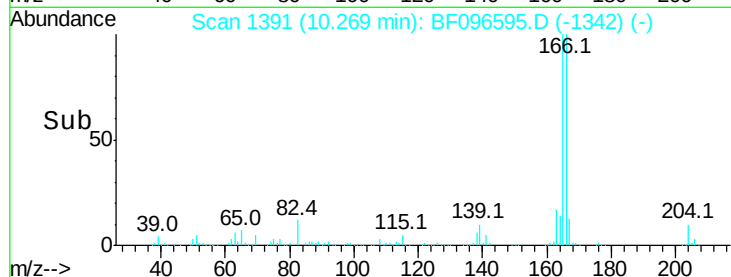
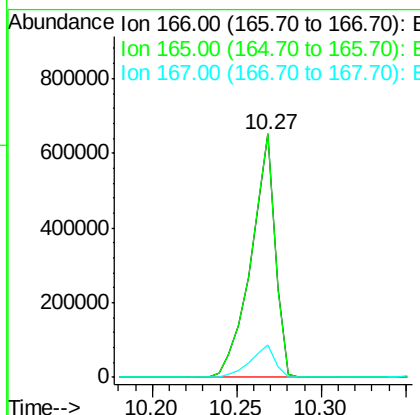
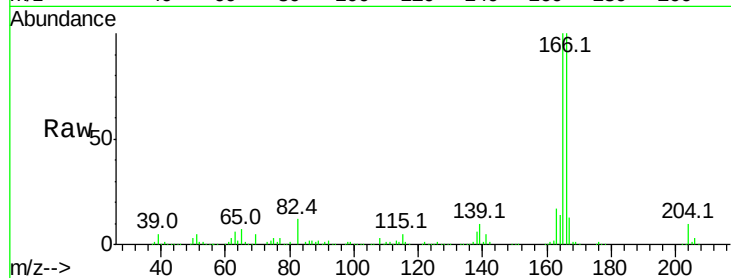
#57  
 Fluorene  
 Concen: 49.39 ng  
 RT: 10.27 min Scan# 1391  
 Delta R.T. -0.01 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 655236 |       |       |
| 165     | 100.0 |        | 78.8  | 118.2 |
| 167     | 13.5  |        | 10.6  | 16.0  |

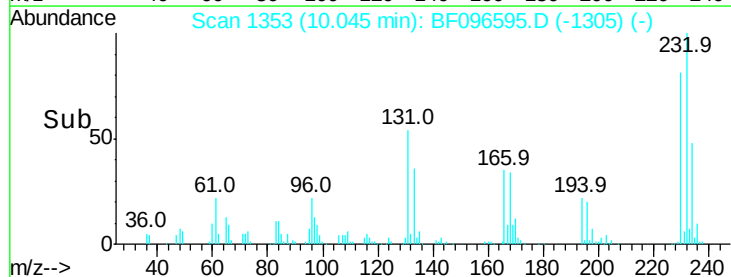
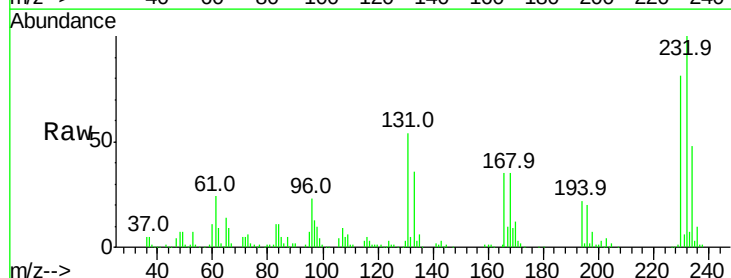
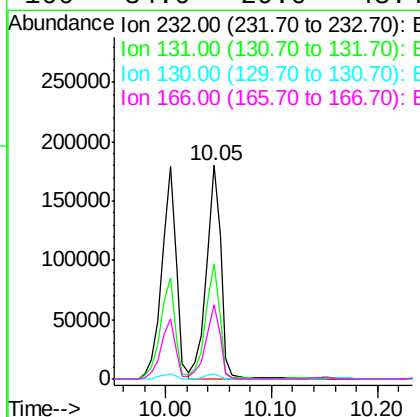
Manual Integrations  
 APPROVED

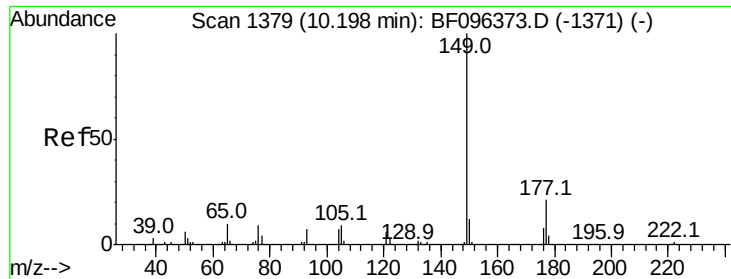
mohammad  
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 53.84 ng  
 RT: 10.05 min Scan# 1353  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 172566 |       |       |
| 231     | 52.9  |        | 44.8  | 67.2  |
| 130     | 2.6   |        | 2.3   | 3.5   |
| 166     | 34.0  |        | 29.0  | 43.4  |





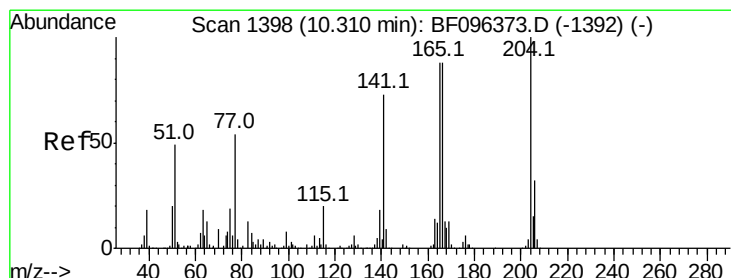
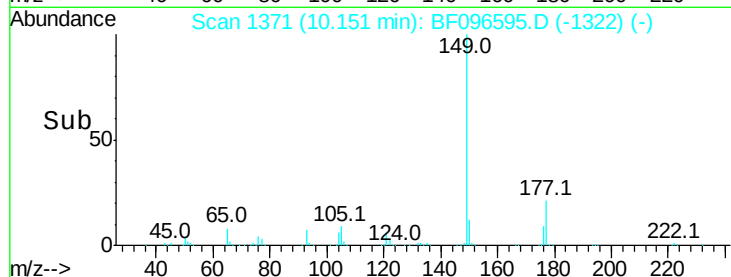
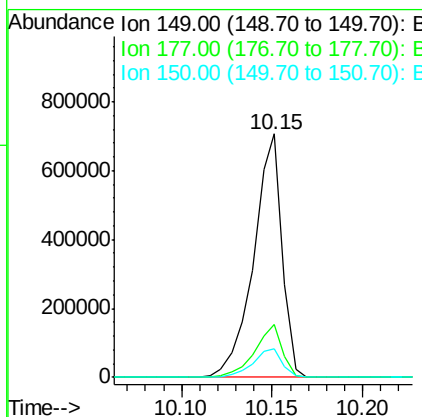
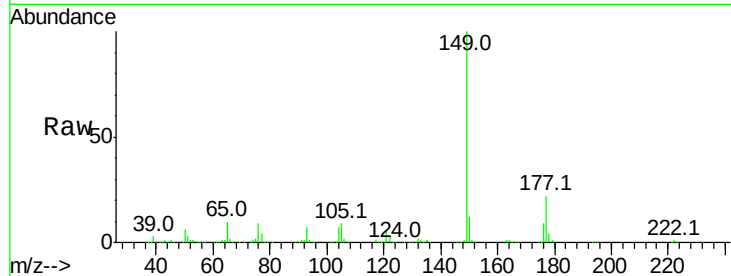
#59  
Diethylphthalate  
Concen: 47.78 ng  
RT: 10.15 min Scan# 1371  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 768989 |       |       |
| 177     | 21.5  | 16.7   | 25.1  |       |
| 150     | 12.0  | 10.2   | 15.2  |       |

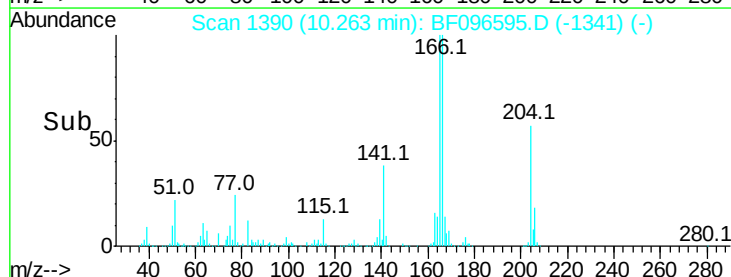
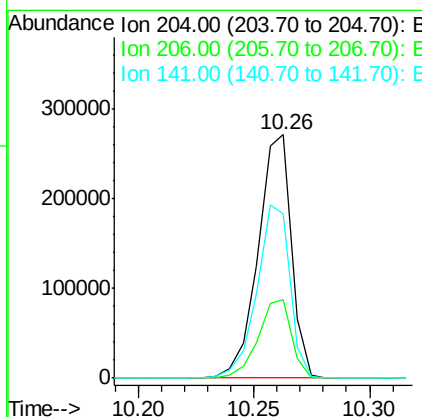
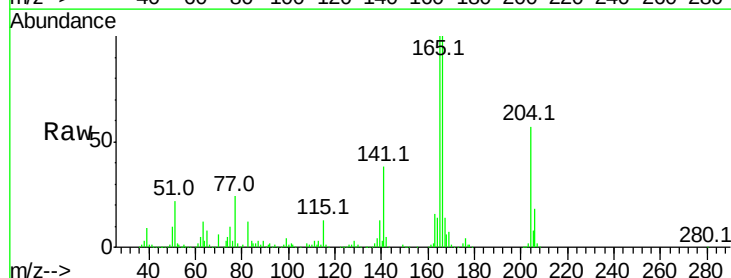
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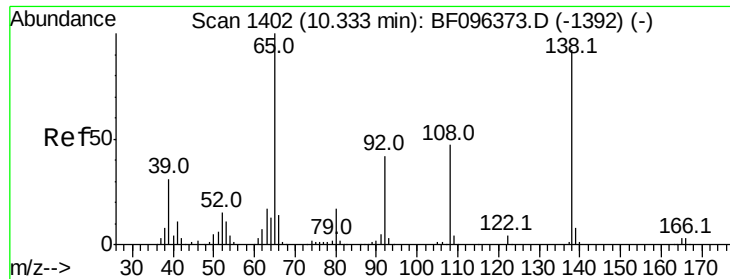
mohammad  
7/11/2017 1:35:02 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 47.42 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 273706 |       |       |
| 206     | 32.0  | 26.2   | 39.2  |       |
| 141     | 67.2  | 60.8   | 91.2  |       |





#61

4-Nitroaniline

Concen: 43.44 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA\_F

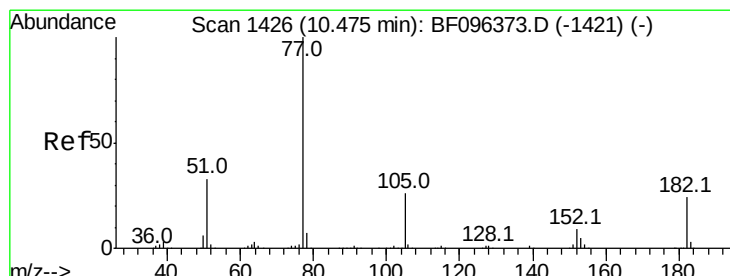
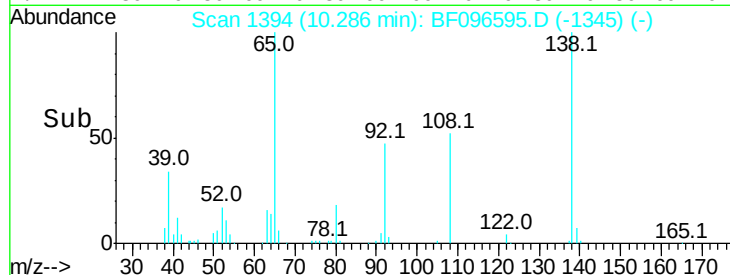
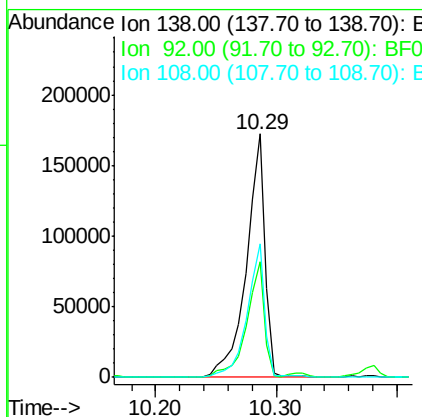
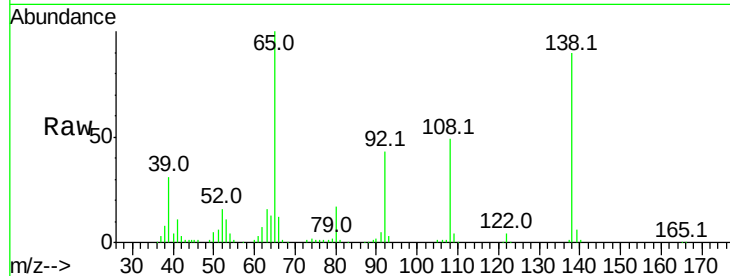
ClientSampled :

SP-1-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 185527 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 47.3  | 21.8  | 61.8   |
| 108       | 54.7  | 42.3  | 82.3   |

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#62

Azobenzene

Concen: 48.68 ng

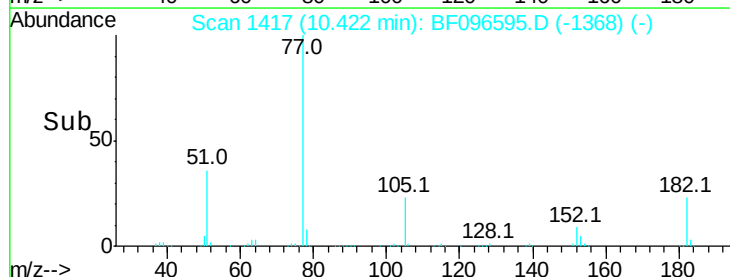
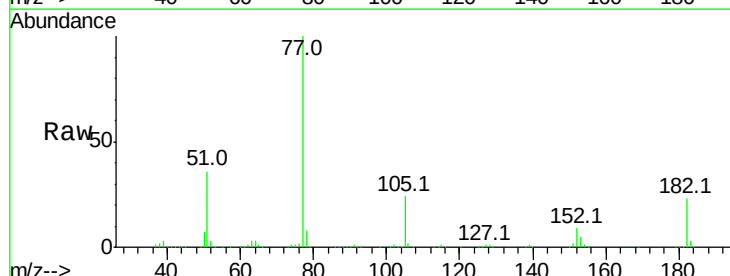
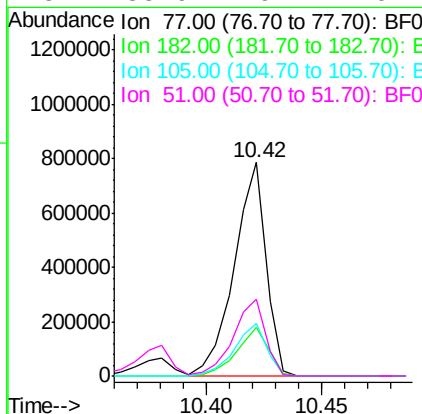
RT: 10.42 min Scan# 1417

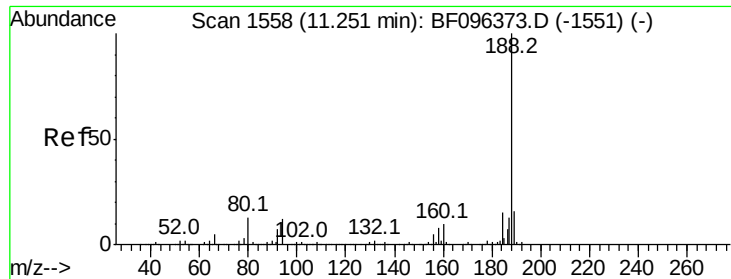
Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 757617 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 23.0  | 0.1   | 40.1   |
| 105       | 24.5  | 3.6   | 43.6   |
| 51        | 35.9  | 9.4   | 49.4   |





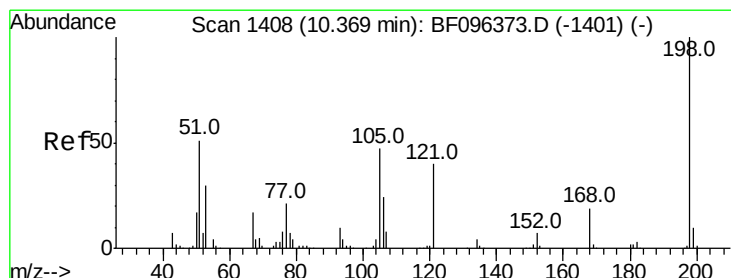
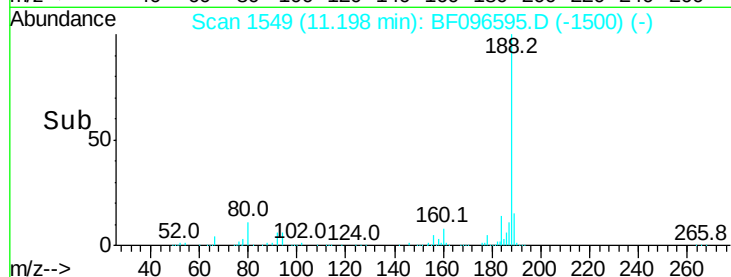
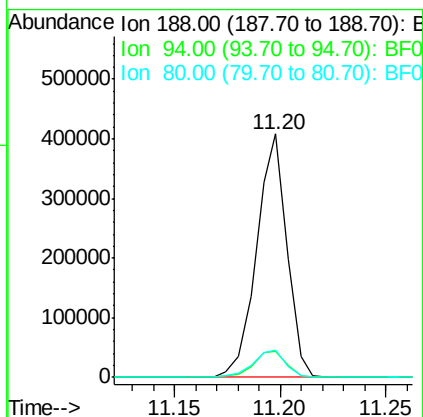
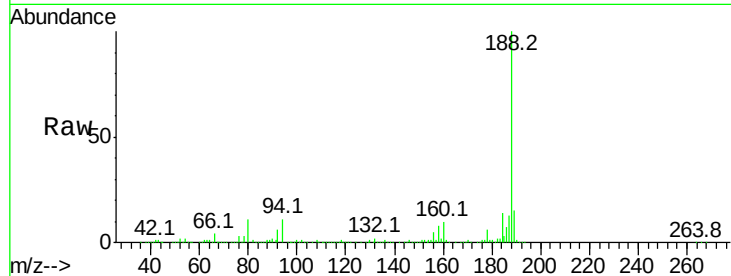
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.20 min Scan# 1549  
Delta R.T. -0.01 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampled :  
SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 407597 |       |       |
| 94      | 10.8  |        | 9.4   | 14.2  |
| 80      | 11.5  |        | 10.2  | 15.2  |

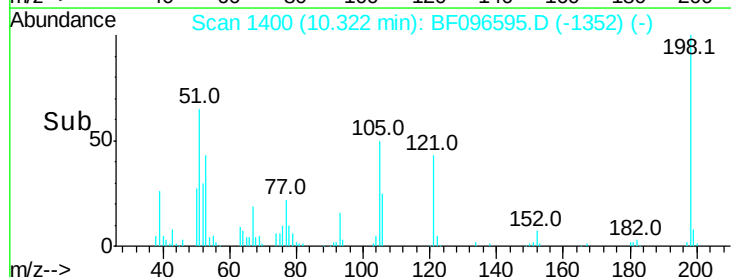
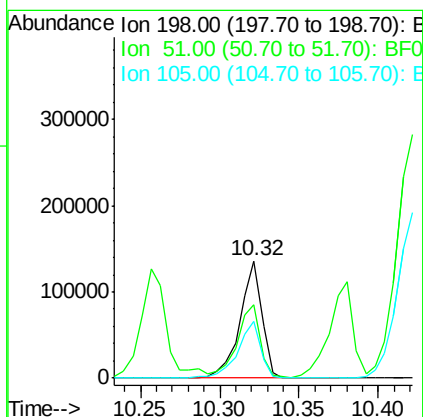
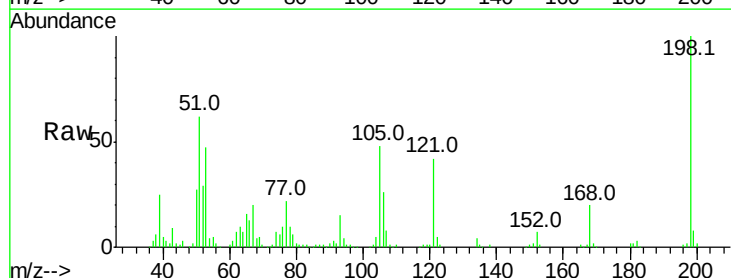
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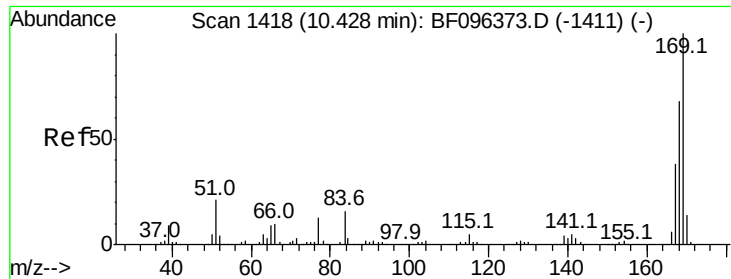
mohammad  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 46.57 ng  
RT: 10.32 min Scan# 1400  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 130911 |       |       |
| 51      | 62.5  |        | 53.2  | 93.2  |
| 105     | 47.7  |        | 45.8  | 85.8  |





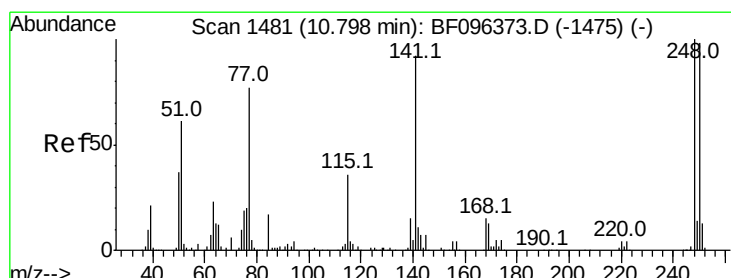
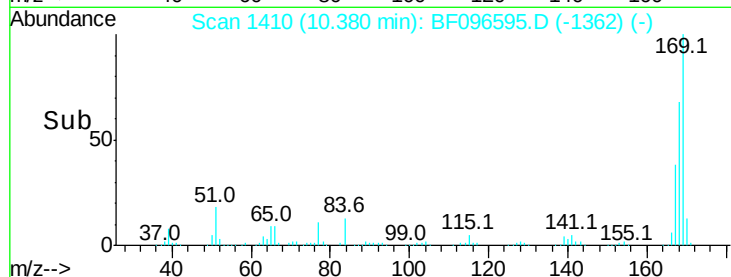
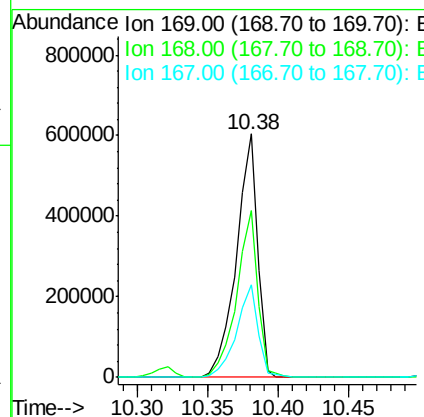
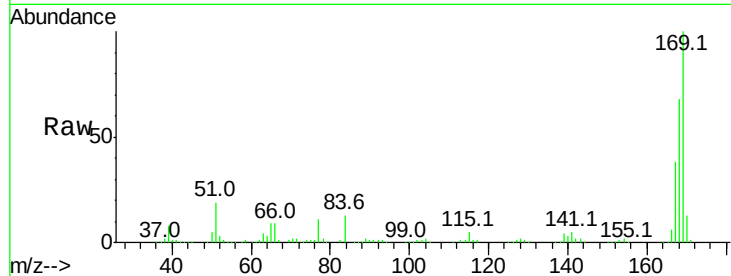
#65  
n-Nitrosodiphenylamine  
Concen: 44.19 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 631963 |       |       |
| 168     | 68.5  | 53.2   | 79.8  |       |
| 167     | 38.1  | 29.5   | 44.3  |       |

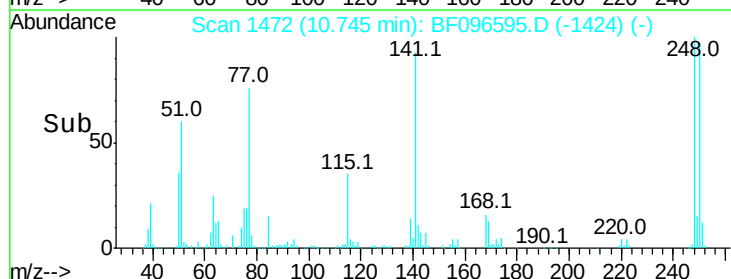
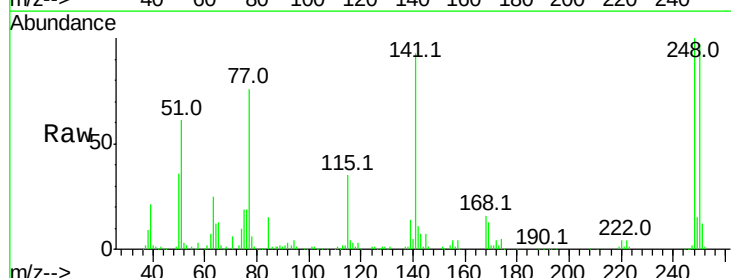
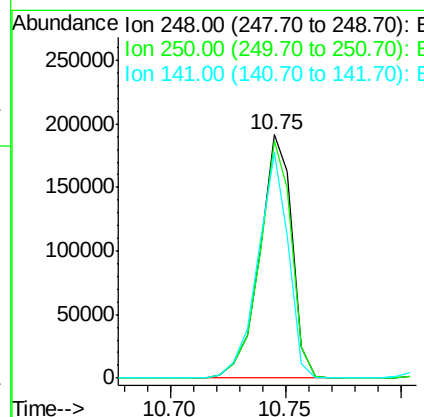
Manual Integrations  
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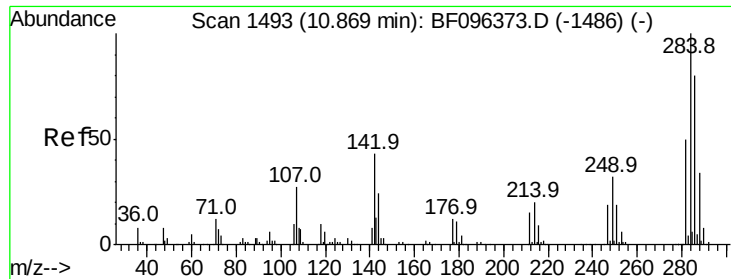
mohammad  
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#66  
4-Bromophenyl-phenylether  
Concen: 46.81 ng  
RT: 10.75 min Scan# 1472  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 185741 |       |       |
| 250     | 97.5  | 76.8   | 115.2 |       |
| 141     | 92.6  | 68.6   | 103.0 |       |





#67

Hexachlorobenzene

Concen: 44.50 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA\_F

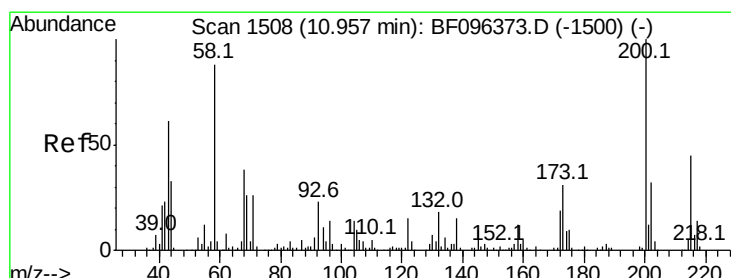
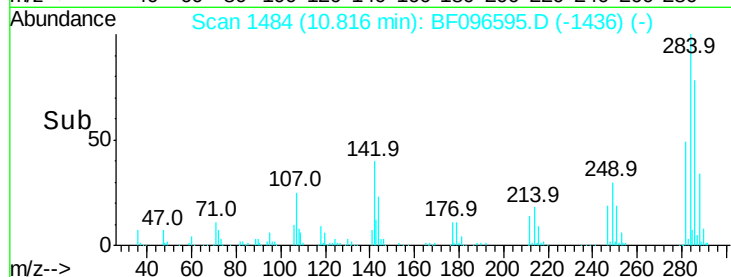
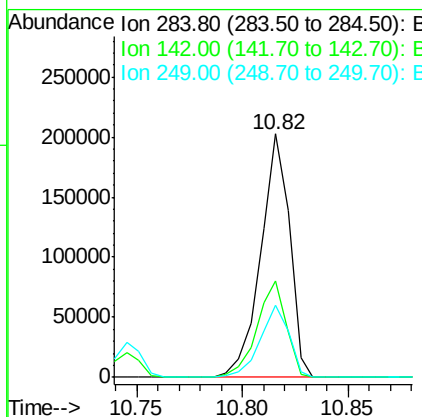
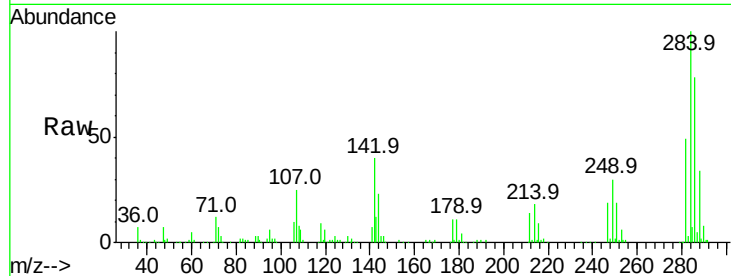
ClientSampled :

SP-1-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 193306 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 39.7  | 22.8  | 34.2#  |
| 249       | 29.7  | 24.0  | 36.0   |

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#68

Atrazine

Concen: 44.28 ng

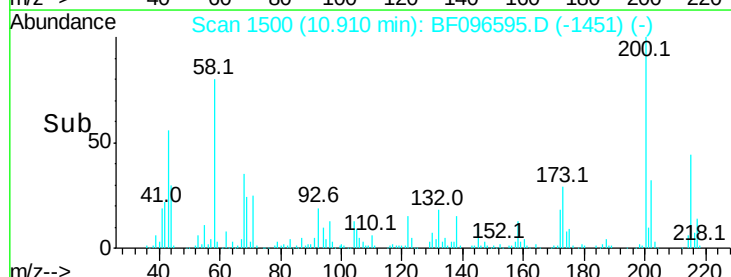
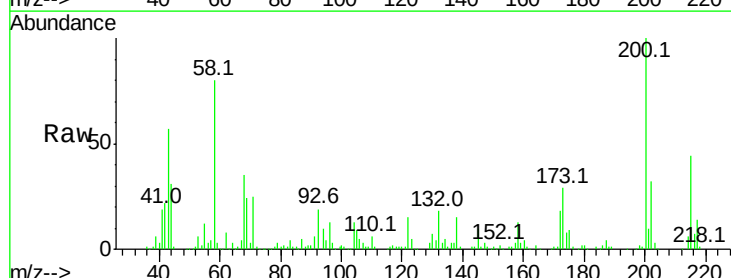
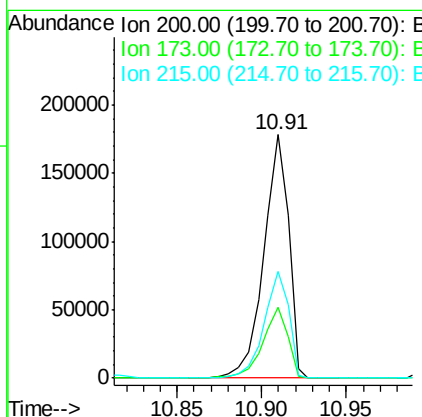
RT: 10.91 min Scan# 1500

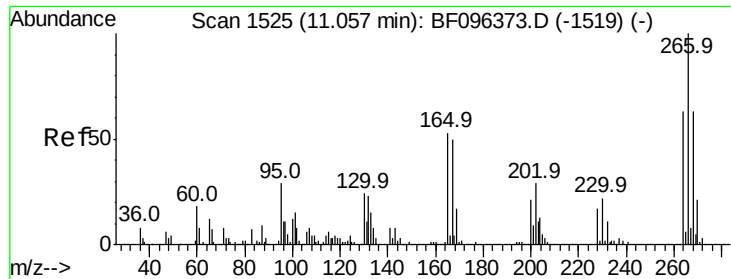
Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 180930 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 29.3  | 6.3   | 46.3   |
| 215       | 43.8  | 27.2  | 67.2   |





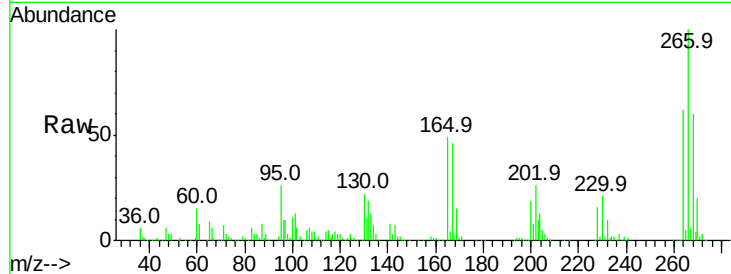
#69  
 Pentachlorophenol  
 Concen: 84.32 ng  
 RT: 11.01 min Scan# 1517  
 Delta R.T. -0.01 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 217072 |       |       |
| 268     | 59.7  |        | 51.1  | 76.7  |
| 264     | 61.7  |        | 51.7  | 77.5  |

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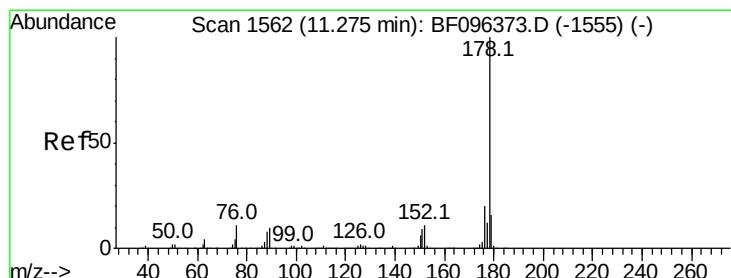
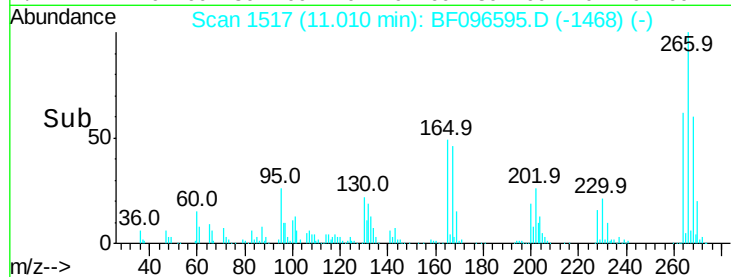
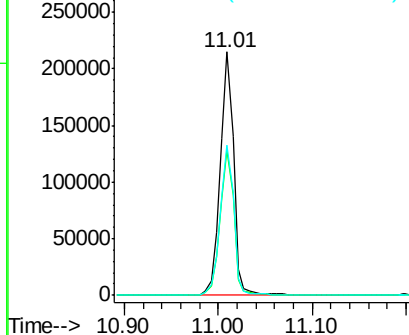


Abundance

Ion 265.70 (265.40 to 266.40): E

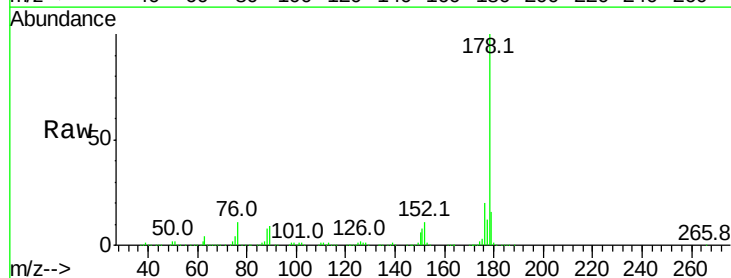
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 45.79 ng  
 RT: 11.22 min Scan# 1553  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1009032 |       |       |
| 176     | 19.8  |         | 16.2  | 24.4  |
| 179     | 15.5  |         | 12.6  | 19.0  |

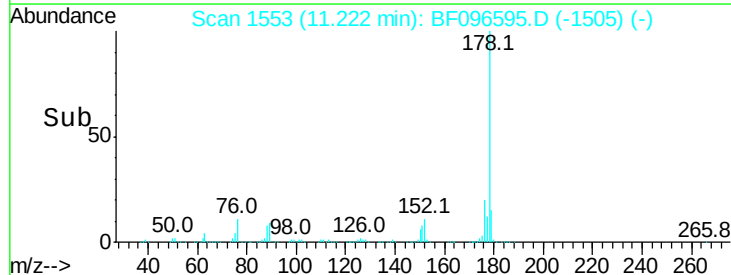
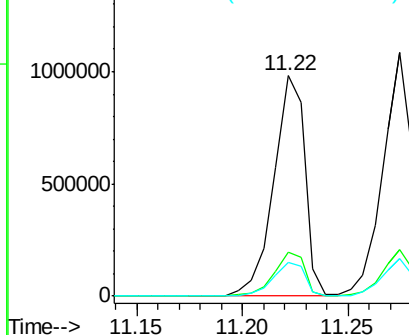


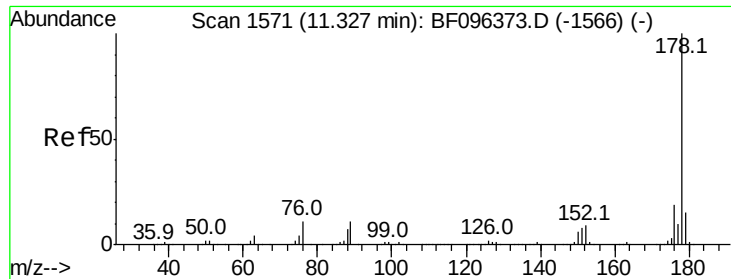
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





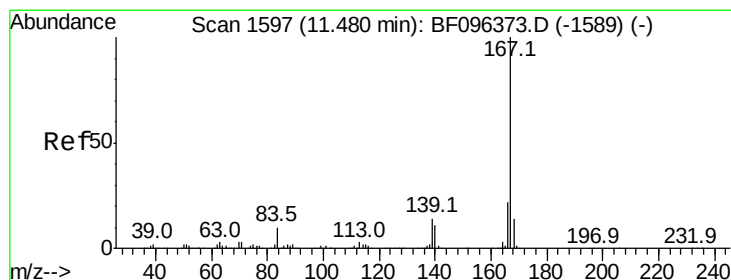
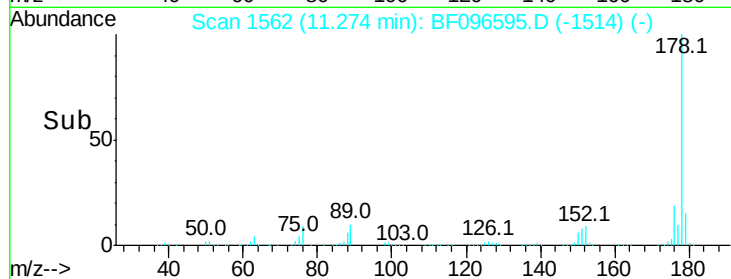
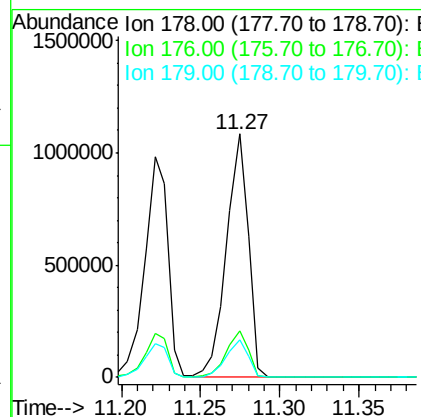
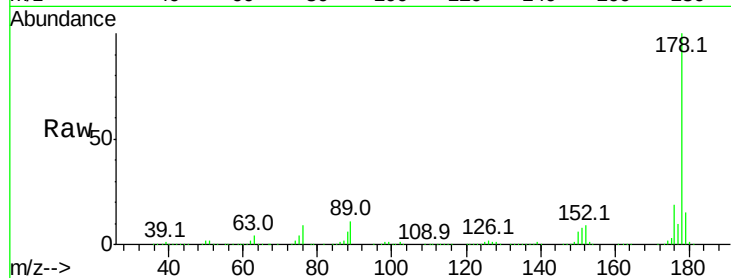
#71  
 Anthracene  
 Concen: 46.23 ng  
 RT: 11.27 min Scan# 1562  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

Tot Ion:178 Resp: 1038076  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.8 23.8  
 179 15.2 12.7 19.1

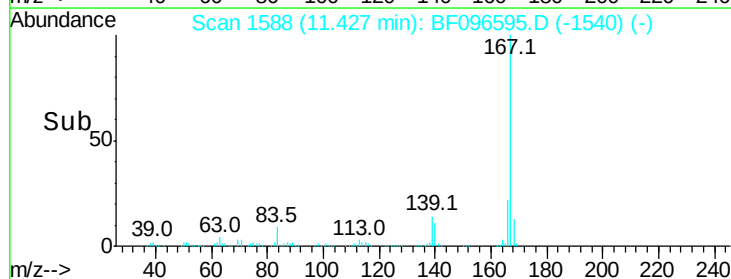
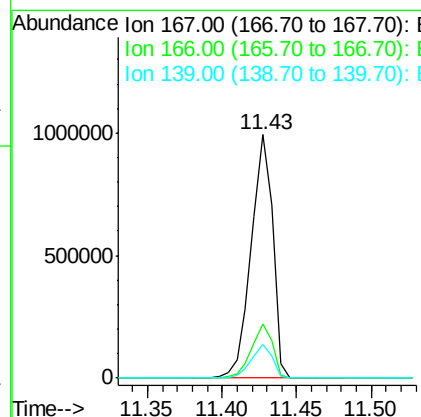
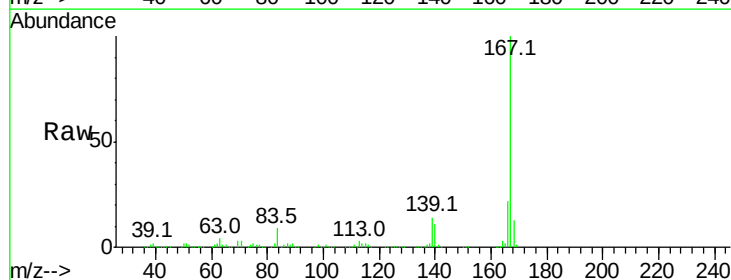
Manual Integrations  
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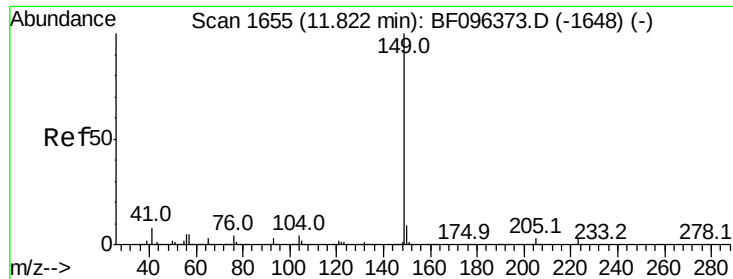


#72  
 Carbazole  
 Concen: 44.01 ng  
 RT: 11.43 min Scan# 1588  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Tgt Ion:167 Resp: 993752  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 18.1 27.1  
 139 13.7 11.7 17.5







#73

Di-n-butylphthalate

Concen: 44.25 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA\_F

ClientSampleId :

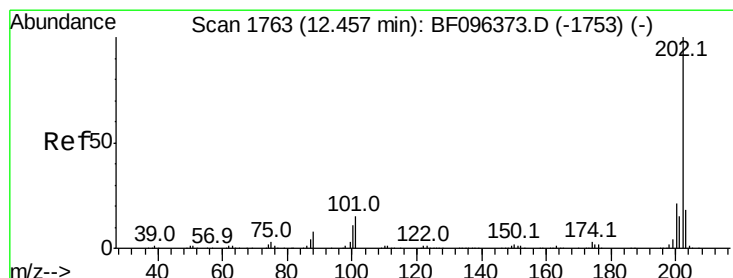
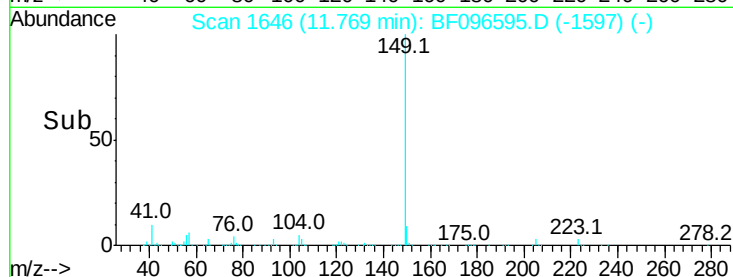
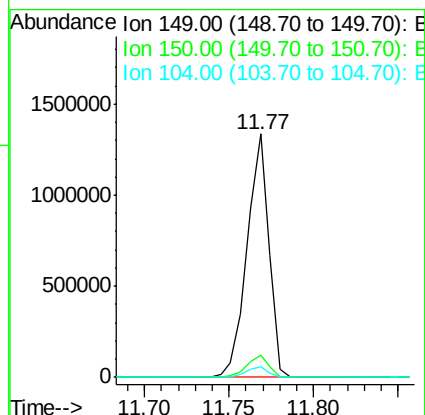
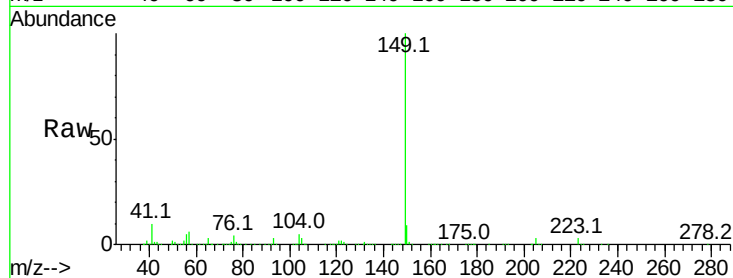
SP-1-AMS

Tot Ion:149 Resp: 1210309

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.7   | 11.5  |
| 104 | 4.6   | 4.0   | 6.0   |

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#74

Fluoranthene

Concen: 47.29 ng

RT: 12.40 min Scan# 1754

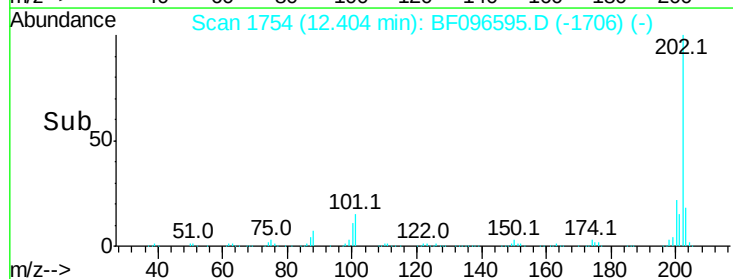
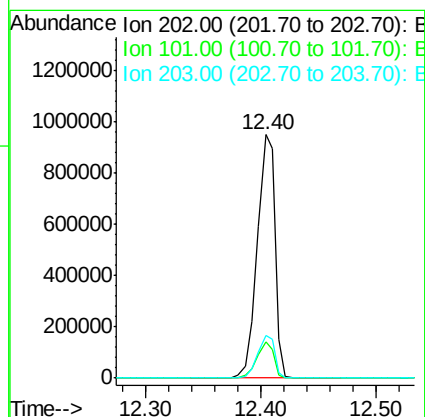
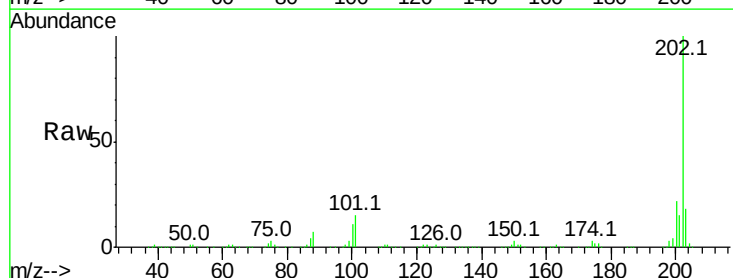
Delta R.T. -0.02 min

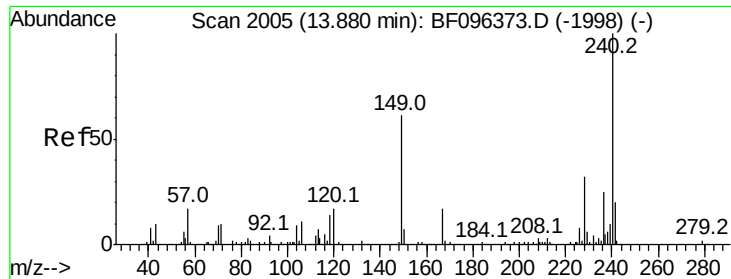
Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Tgt Ion:202 Resp: 1021530

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 14.8  | 0.0   | 33.2  |
| 203 | 17.5  | 0.0   | 38.1  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA\_F

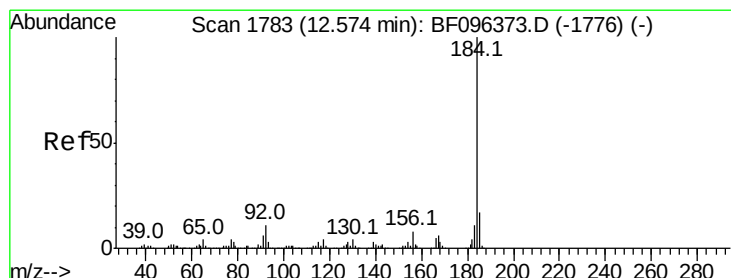
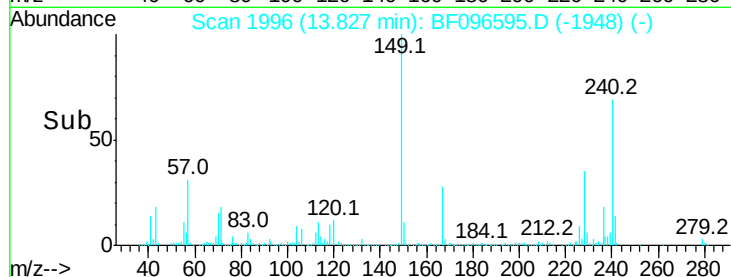
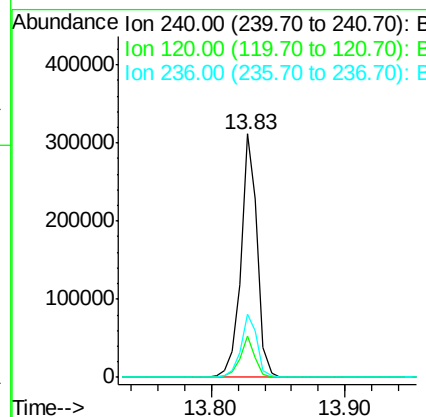
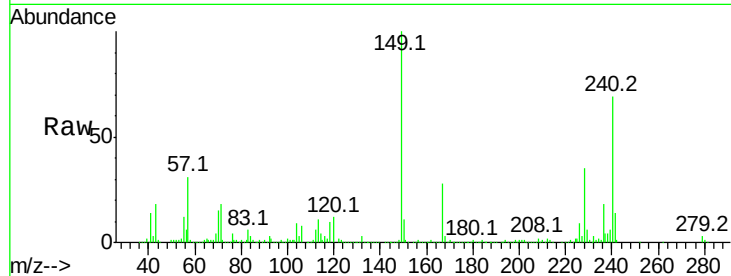
ClientSampleId :

SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 17.1  | 5.8   | 8.8#  |
| 236     | 26.1  | 20.5  | 30.7  |

Manual Integrations  
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#76

Benzidine

Concen: 2.20 ng

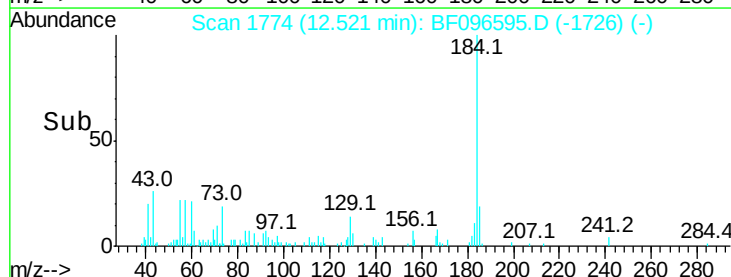
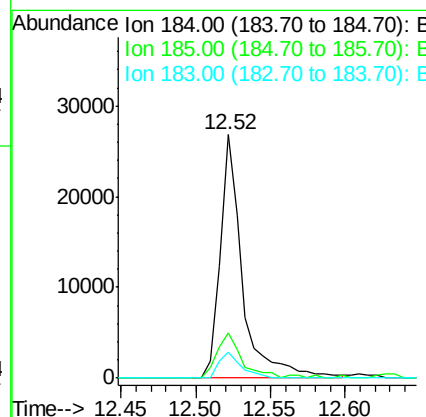
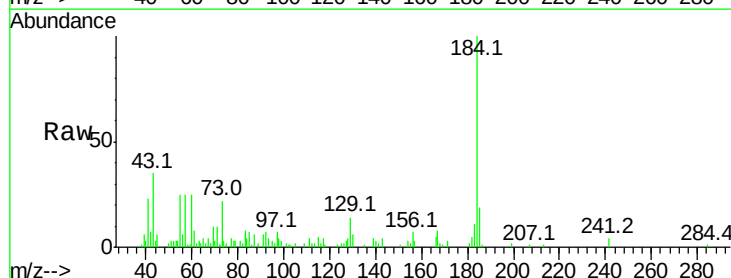
RT: 12.52 min Scan# 1774

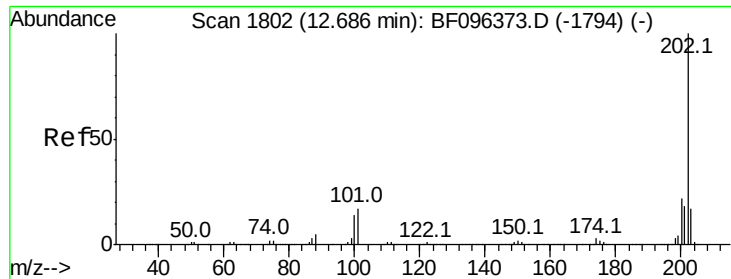
Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 18.7  | 15.5  | 23.3  |
| 183     | 10.9  | 9.8   | 14.6  |





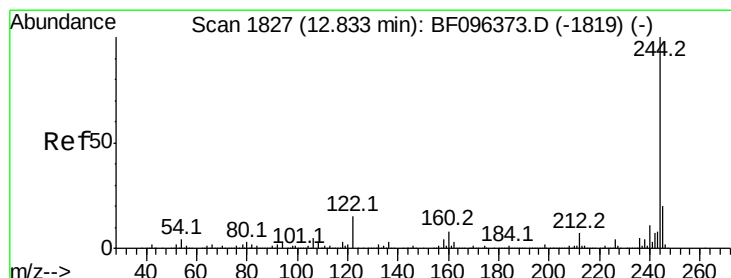
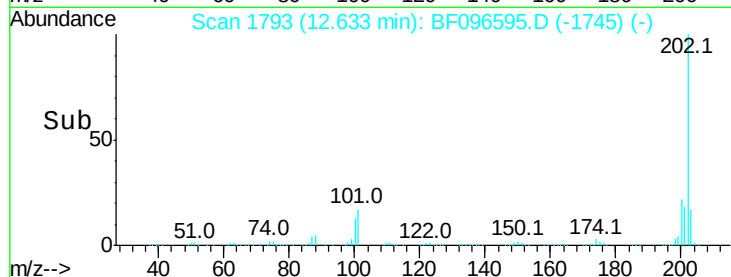
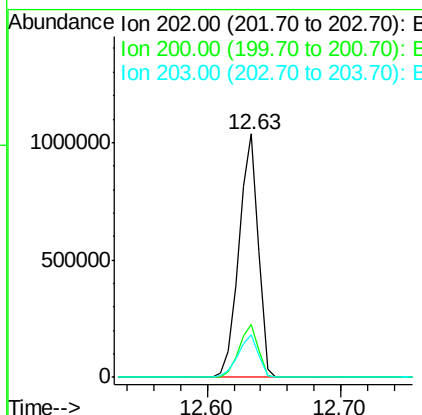
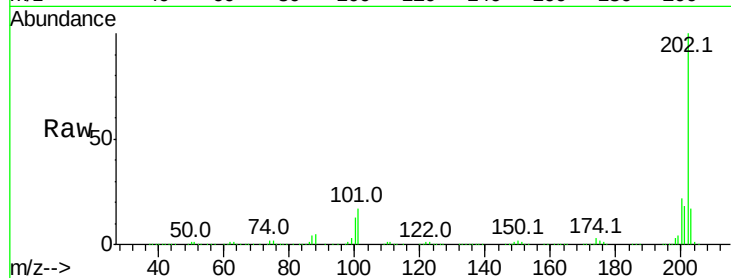
#77  
Pvrene  
Concen: 49.15 ng  
RT: 12.63 min Scan# 1793  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampled :  
SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.8  | 17.6  | 26.4  |
| 203     | 17.5  | 14.4  | 21.6  |

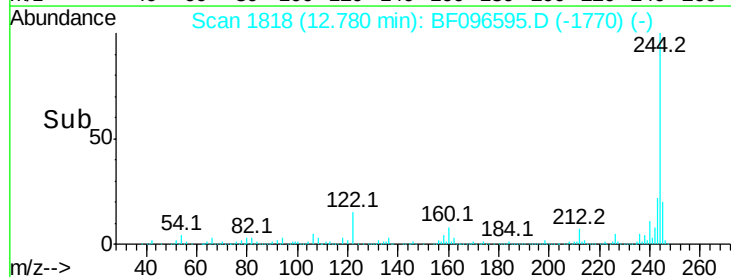
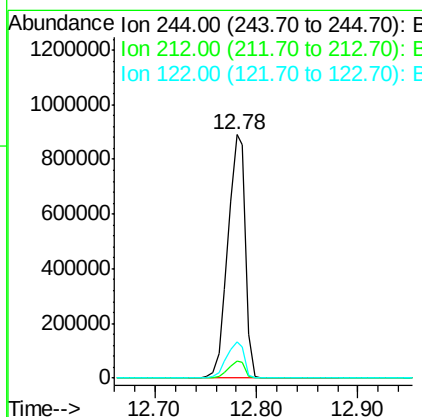
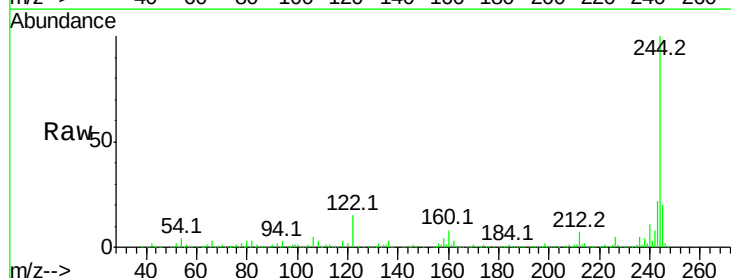
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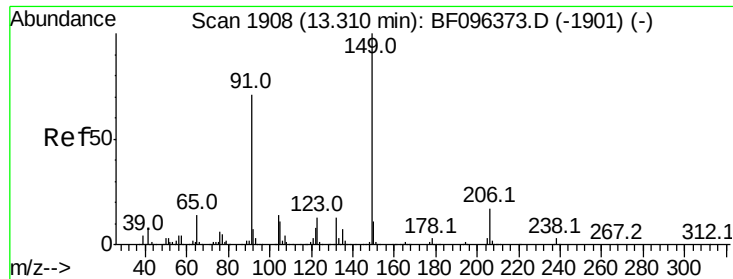
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#78  
Terphenyl-d14  
Concen: 85.80 ng  
RT: 12.78 min Scan# 1818  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.0   | 6.0   | 9.0   |
| 122     | 15.1  | 10.3  | 15.5  |





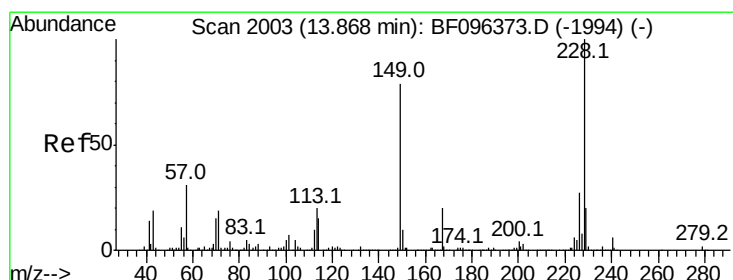
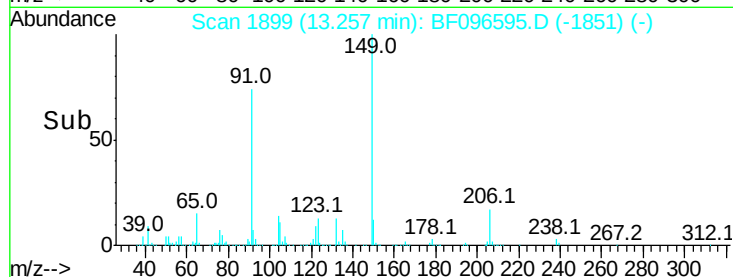
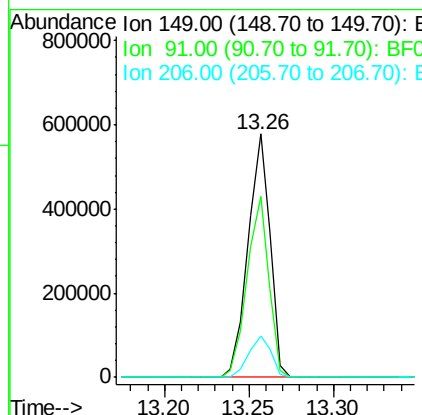
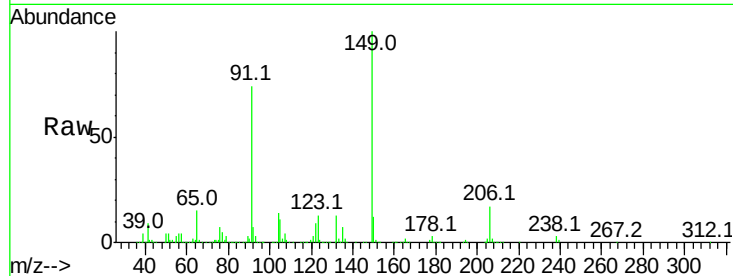
#79  
Butylbenzylphthalate  
Concen: 49.14 ng  
RT: 13.26 min Scan# 1899  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 91      | 74.2  | 45.0       | 67.4# |
| 206     | 17.1  | 17.0       | 25.6  |

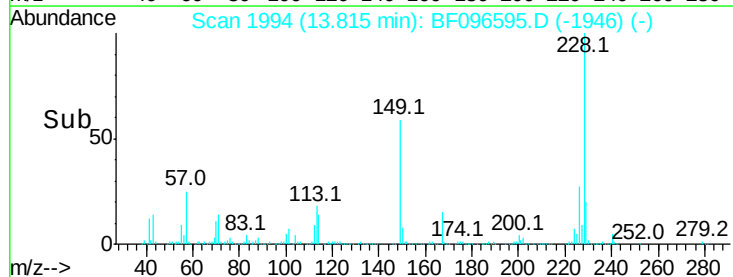
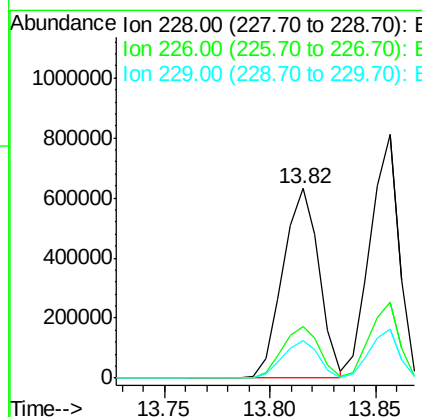
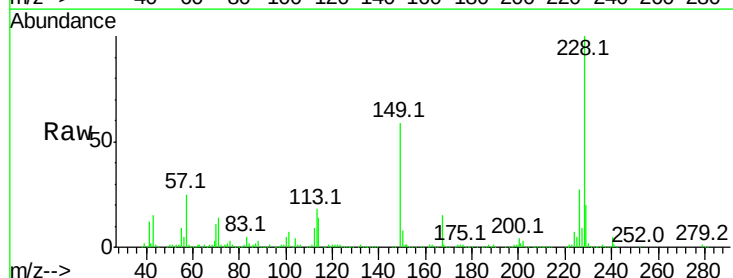
Manual Integrations  
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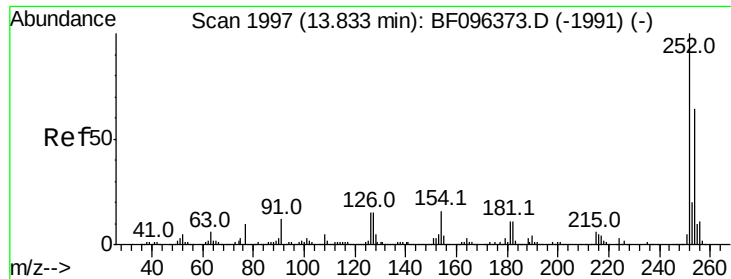
mohammad  
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#80  
Benzo(a)anthracene  
Concen: 49.01 ng  
RT: 13.82 min Scan# 1994  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 27.5  | 22.6       | 33.8  |
| 229     | 19.6  | 16.3       | 24.5  |





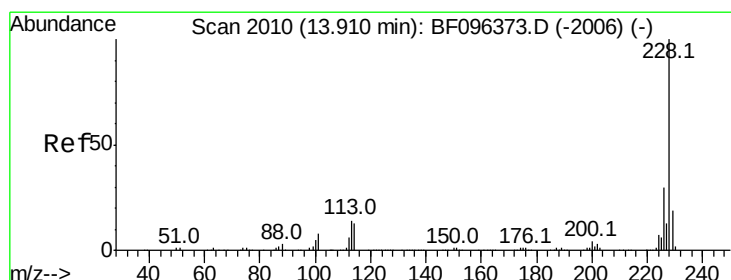
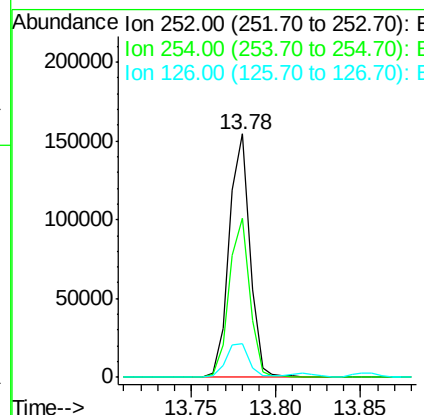
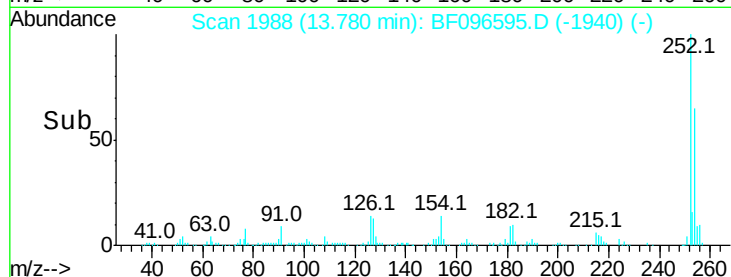
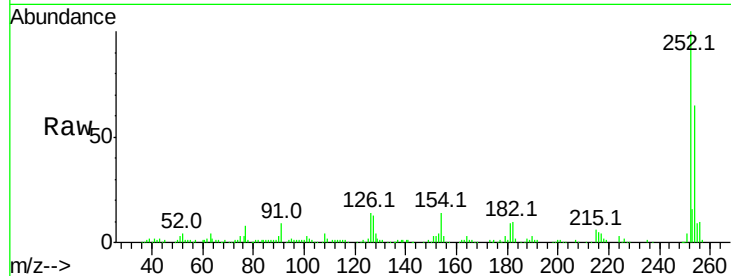
#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.93 ng  
 RT: 13.78 min Scan# 1988  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 65.3  | 51.5       | 77.3  |
| 126     | 13.9  | 15.8       | 23.8  |

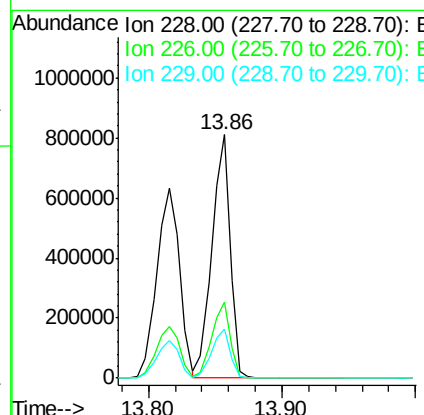
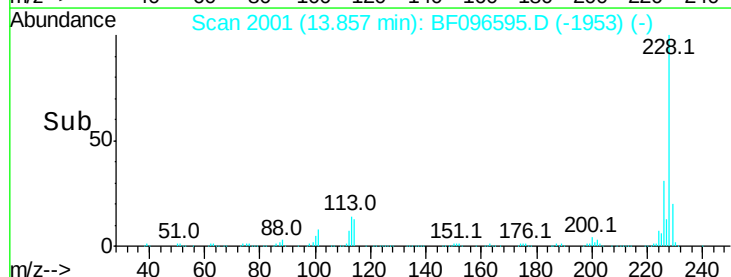
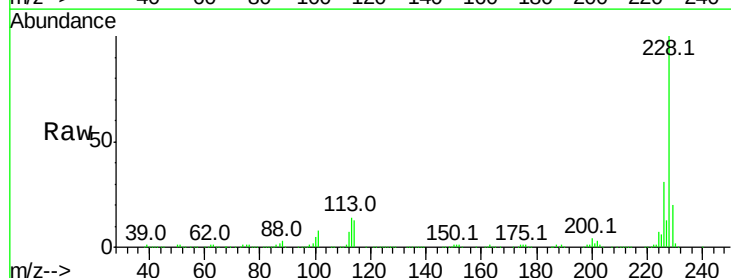
Manual Integrations  
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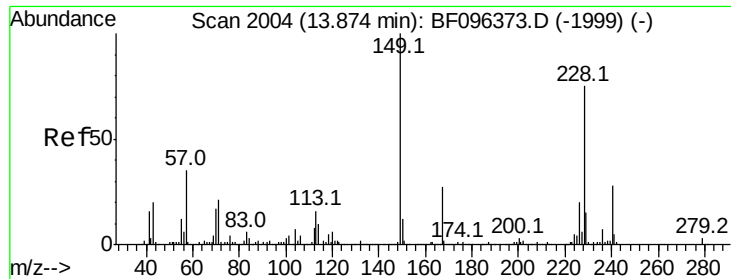
mohammad  
 7/11/2017 1:35:02 PM



#82  
 Chrysene  
 Concen: 48.57 ng  
 RT: 13.86 min Scan# 2001  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.4  | 24.9       | 37.3  |
| 229     | 20.0  | 15.8       | 23.6  |





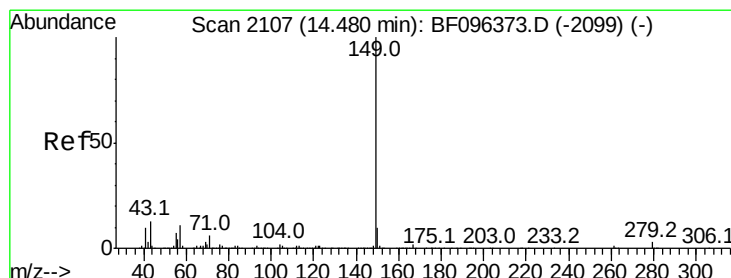
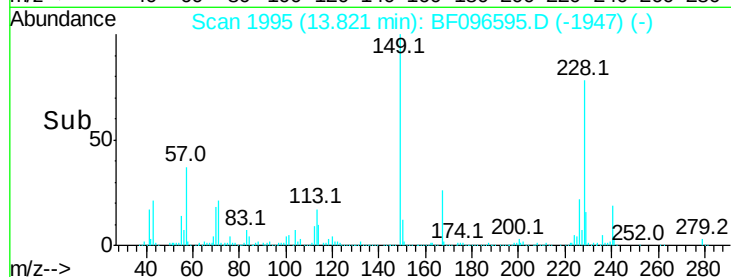
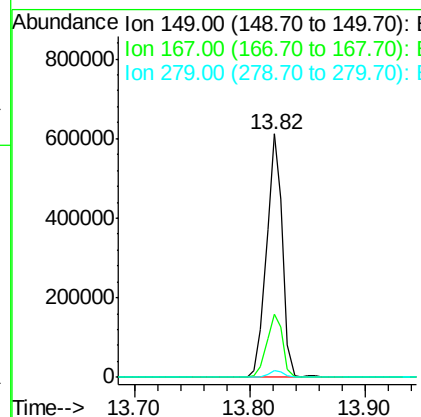
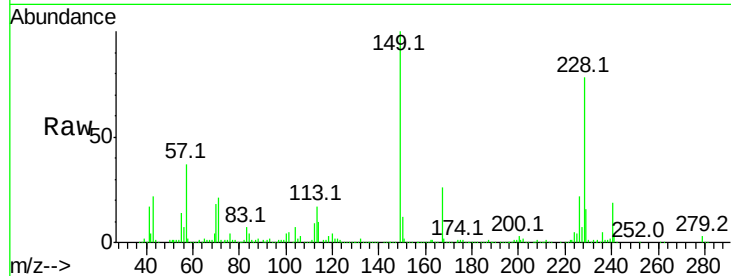
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 49.00 ng  
 RT: 13.82 min Scan# 1995  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 25.9  | 21.0  | 31.4  |
| 279     | 2.6   | 1.9   | 2.9   |

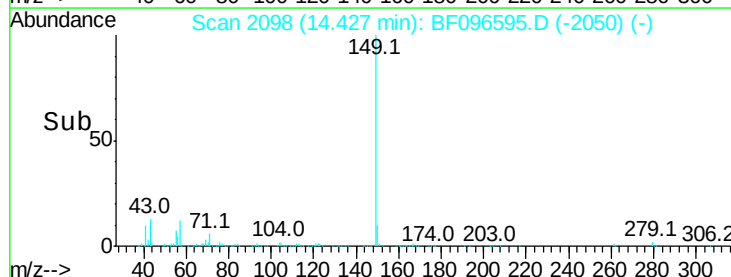
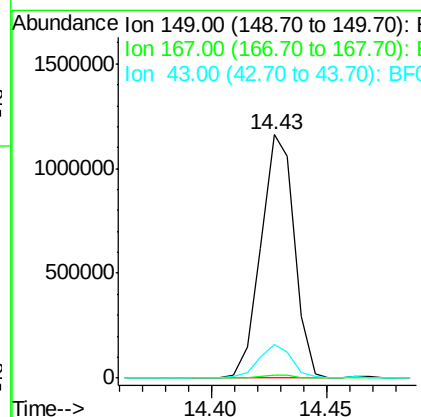
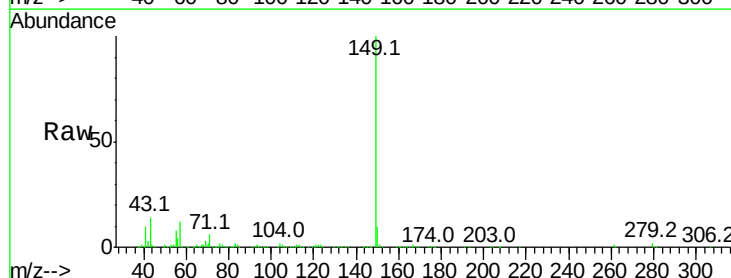
Manual Integrations  
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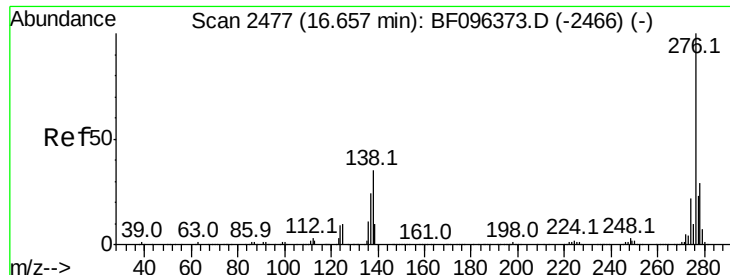
mohammad  
 7/11/2017 1:35:02 PM



#84  
 Di-n-octyl phthalate  
 Concen: 49.71 ng  
 RT: 14.43 min Scan# 2098  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 12.9  | 8.5   | 12.7# |





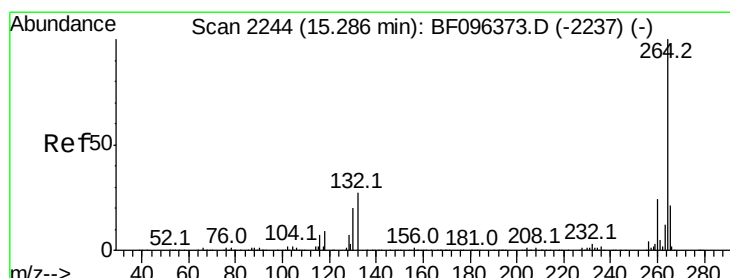
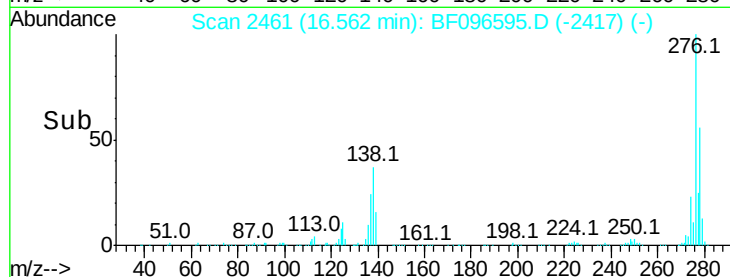
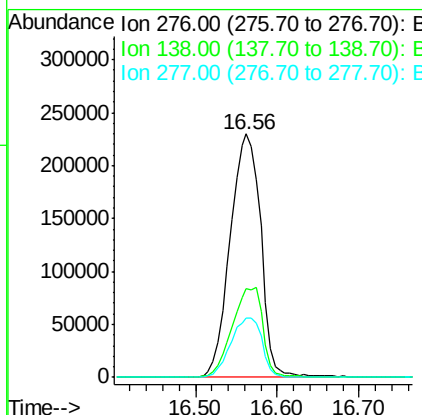
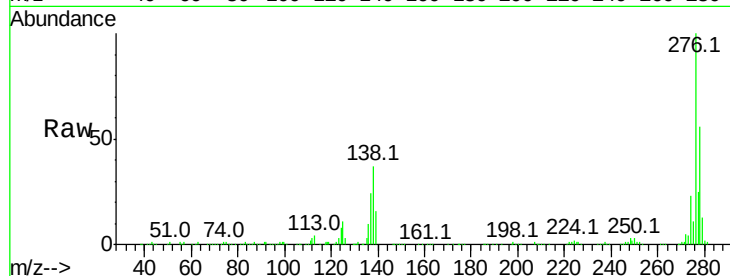
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.20 ng  
 RT: 16.56 min Scan# 2461  
 Delta R.T. -0.04 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 598200 |       |       |
| 138     | 37.3  |        | 27.8  | 41.6  |
| 277     | 25.2  |        | 20.2  | 30.4  |

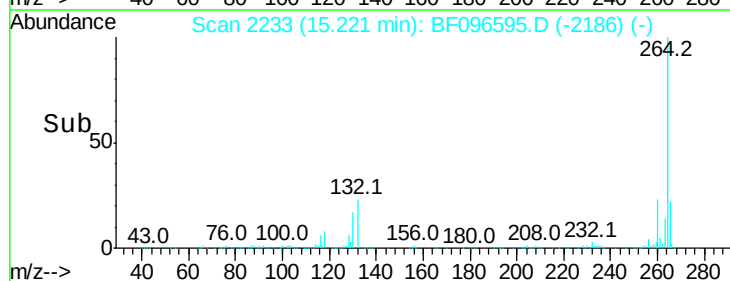
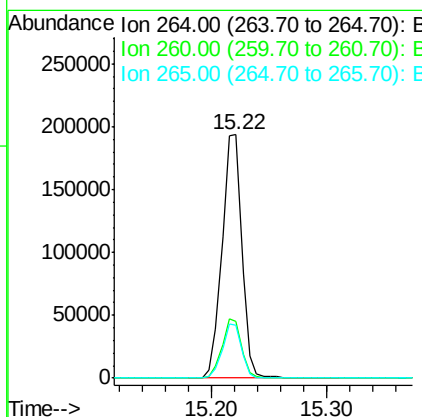
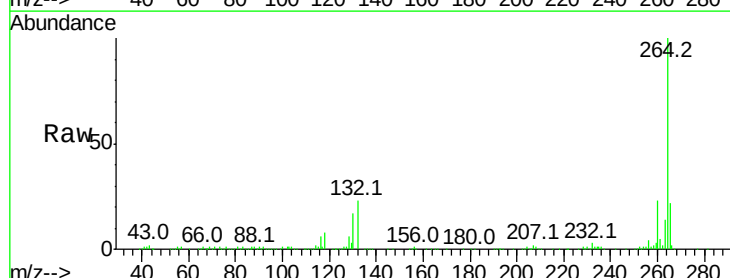
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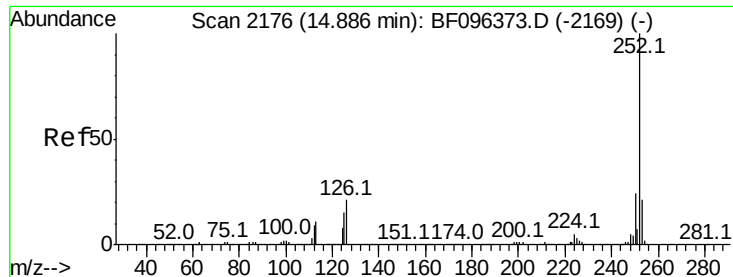
mohammad  
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.22 min Scan# 2233  
 Delta R.T. -0.02 min  
 Lab File: BF096595.D  
 Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 231914 |       |       |
| 260     | 23.4  |        | 19.5  | 29.3  |
| 265     | 21.6  |        | 17.2  | 25.8  |





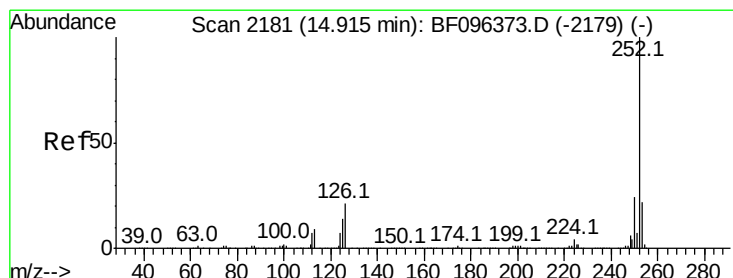
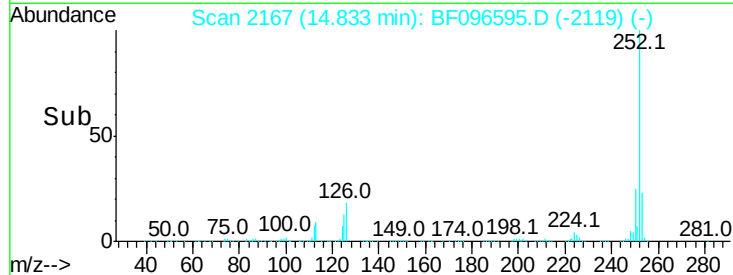
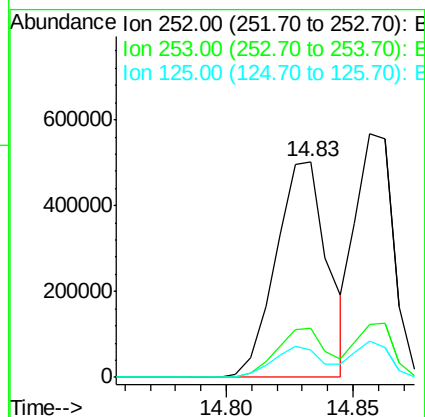
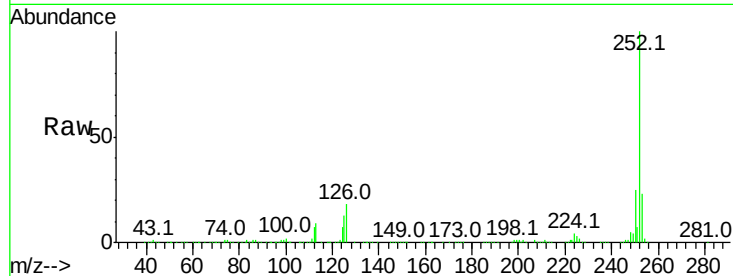
#87  
Benzo(b)fluoranthene  
Concen: 49.09 ng  
RT: 14.83 min Scan# 2167  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 713347 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.7  | 18.1  | 27.1   |
| 125       | 12.5  | 9.8   | 14.8   |

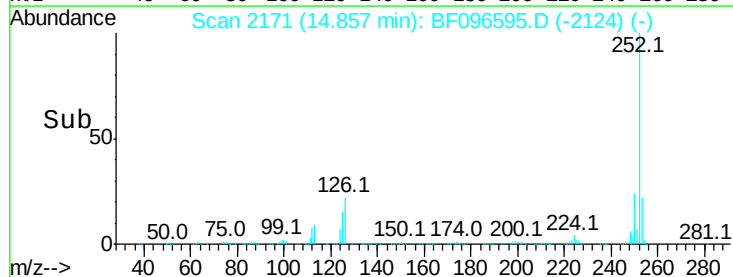
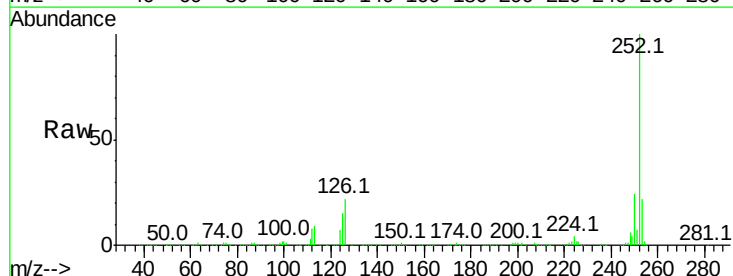
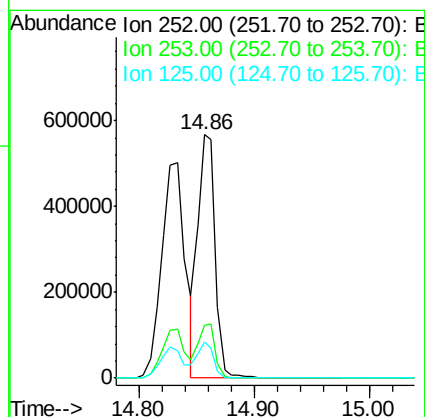
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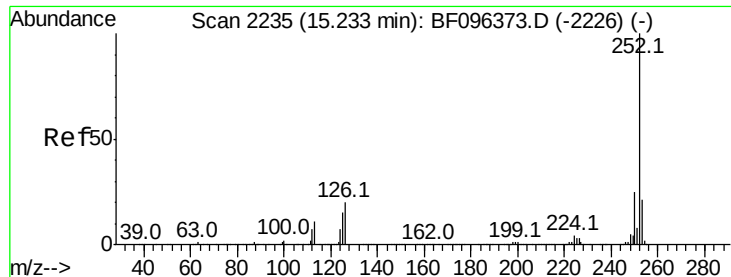


#88  
Benzo(k)fluoranthene  
Concen: 46.00 ng  
RT: 14.86 min Scan# 2171  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 597888 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 18.4  | 27.6   |
| 125       | 15.1  | 13.1  | 19.7   |







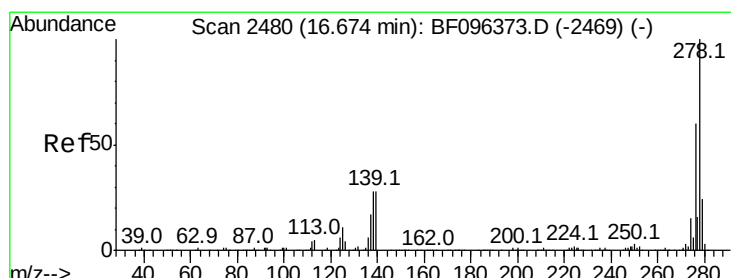
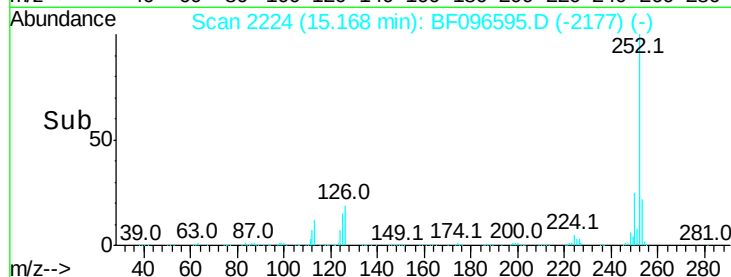
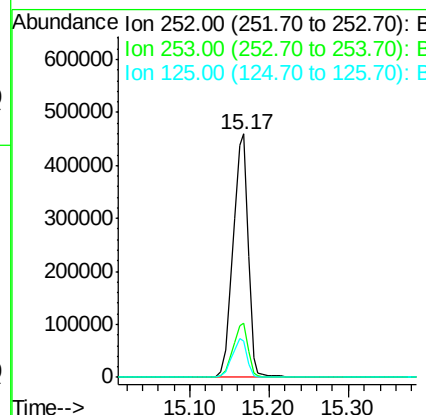
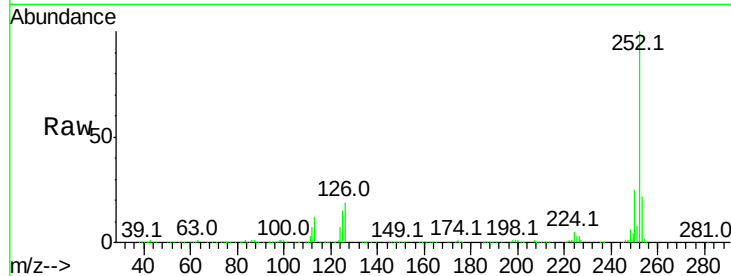
#89  
Benzo(a)pyrene  
Concen: 46.87 ng  
RT: 15.17 min Scan# 2224  
Delta R.T. -0.02 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.5  | 26.3  |
| 125     | 15.0  | 11.0  | 16.4  |

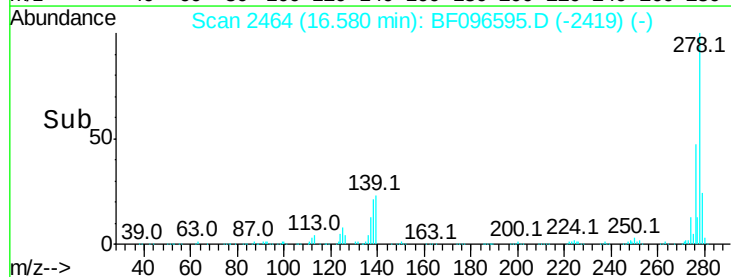
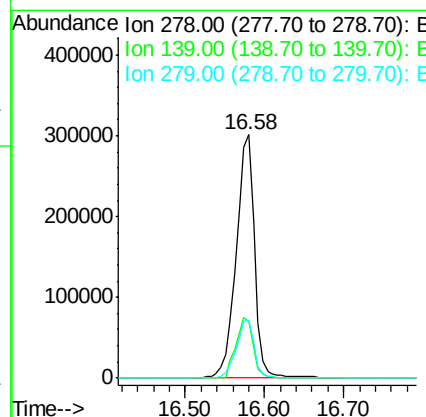
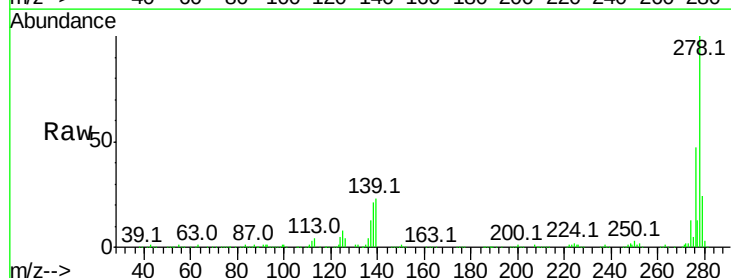
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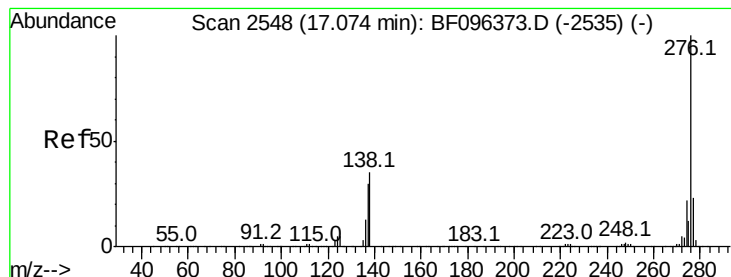
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#90  
Dibenzo(a,h)anthracene  
Concen: 47.44 ng  
RT: 16.58 min Scan# 2464  
Delta R.T. -0.04 min  
Lab File: BF096595.D  
Acq: 10 Jul 2017 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 23.2  | 16.6  | 24.8  |
| 279     | 24.0  | 19.3  | 28.9  |





#91

Benzo(a,h,i)perylene

Concen: 51.00 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.04 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA\_F

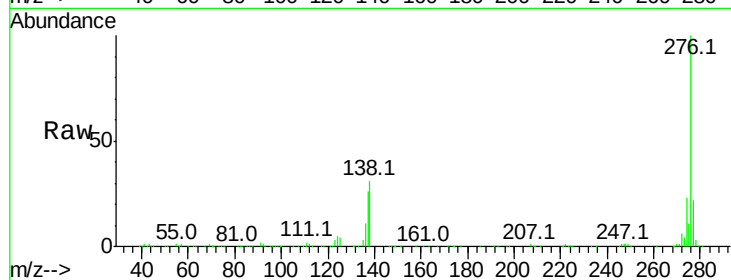
ClientSampleId :

SP-1-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 539381 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.4  | 18.6  | 28.0   |
| 138       | 30.8  | 25.4  | 38.0   |

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

