

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050217\  
 Data File : BF094832.D  
 Acq On : 3 May 2017 13:08  
 Operator : SJ/MA  
 Sample : I2921-09MSD 5X  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

Manual Integrations  
 APPROVED

Quant Time: May 03 17:45:02 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 03 17:24:51 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 67244    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.74  | 136  | 267434   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 12.58 | 164  | 103423   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 14.98 | 188  | 163290   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.64 | 240  | 137414   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 20.31 | 264  | 119228   | 20.00 | ng    | 0.00     |

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#### System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.68  | 112 | 107853 | 26.74 | ng | 0.00  |
| 7) Phenol-d6             | 7.27  | 99  | 136013 | 28.11 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 8.61  | 82  | 76106  | 17.95 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 13.87 | 330 | 23447  | 27.68 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 11.52 | 172 | 152356 | 21.20 | ng | -0.01 |
| 78) Terphenyl-d14        | 17.29 | 244 | 104554 | 16.76 | ng | -0.02 |

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#### Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.09  | 88  | 13699  | 6.925  | ng | 96     |
| 3) Pyridine                    | 2.81  | 79  | 27097  | 5.911  | ng | 97     |
| 4) n-Nitrosodimethylamine      | 2.70  | 42  | 13730  | 7.185  | ng | 96     |
| 6) Aniline                     | 7.22  | 93  | 33291  | 5.449  | ng | 96     |
| 8) 2-Chlorophenol              | 7.41  | 128 | 41922  | 9.132  | ng | 94     |
| 9) Benzaldehyde                | 7.05  | 77  | 6958   | 2.355  | ng | 97     |
| 10) Phenol                     | 7.29  | 94  | 54608  | 10.708 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.35  | 93  | 40032  | 9.509  | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.63  | 146 | 47328  | 9.088  | ng | 94     |
| 13) 1,4-Dichlorobenzene        | 7.75  | 146 | 50461  | 9.555  | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.98  | 146 | 44533  | 9.034  | ng | 95     |
| 15) Benzyl Alcohol             | 8.01  | 79  | 24945  | 8.014  | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.21  | 45  | 51633  | 8.665  | ng | 87     |
| 17) 2-Methylphenol             | 8.22  | 107 | 34266  | 9.121  | ng | # 89   |
| 18) Hexachloroethane           | 8.51  | 117 | 13583  | 7.592  | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 8.41  | 70  | 29959  | 9.154  | ng | 94     |
| 20) 3+4-Methylphenols          | 8.49  | 107 | 47761  | 9.356  | ng | # 61   |
| 22) Acetophenone               | 8.39  | 105 | 61641  | 9.607  | ng | # 85   |
| 24) Nitrobenzene               | 8.65  | 77  | 40010  | 9.000  | ng | 93     |
| 25) Isophorone                 | 9.04  | 82  | 68225  | 9.009  | ng | 97     |
| 26) 2-Nitrophenol              | 9.16  | 139 | 18207  | 7.590  | ng | 94     |
| 27) 2,4-Dimethylphenol         | 9.30  | 122 | 35299  | 9.102  | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.42  | 93  | 49685  | 9.484  | ng | 97     |
| 29) 2,4-Dichlorophenol         | 9.60  | 162 | 32885  | 8.981  | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 9.67  | 180 | 37246  | 9.494  | ng | 98     |
| 31) Naphthalene                | 9.78  | 128 | 144447 | 10.747 | ng | 98     |
| 32) Benzoic acid               | 9.54  | 122 | 10950  | 8.927  | ng | # 51   |
| 33) 4-Chloroaniline            | 9.92  | 127 | 26549  | 5.300  | ng | # 92   |
| 34) Hexachlorobutadiene        | 10.00 | 225 | 18585  | 8.978  | ng | 97     |
| 35) Caprolactam                | 10.47 | 113 | 8947   | 8.137  | ng | # 81   |
| 36) 4-Chloro-3-methylphenol    | 10.78 | 107 | 33963  | 8.675  | ng | 92     |
| 37) 2-Methylnaphthalene        | 10.91 | 142 | 87839  | 9.957  | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 11.18 | 216 | 30016  | 9.437  | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 11.17 | 237 | 1548   | 7.126  | ng | 75     |

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Manual Integrations  
 APPROVED

Quant Time: May 03 17:45:02 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 03 17:24:51 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |                        |
|--------------------------------|-------|------|----------|--------|-------|----------|------------------------|
| 42) 2,4,6-Trichlorophenol      | 11.41 | 196  | 19922    | 9.381  | ng    |          | 95                     |
| 43) 2,4,5-Trichlorophenol      | 11.51 | 196  | 20215    | 8.857  | ng    | #        | 93                     |
| 45) 1,1'-Biphenyl              | 11.67 | 154  | 88672    | 10.183 | ng    |          | 98                     |
| 46) 2-Chloronaphthalene        | 11.68 | 162  | 68333    | 9.719  | ng    |          | 96                     |
| 47) 2-Nitroaniline             | 11.90 | 65   | 17011    | 8.840  | ng    | #        | 85                     |
| 48) Acenaphthylene             | 12.34 | 152  | 150966   | 13.708 | ng    |          | 97 mohammad            |
| 49) Dimethylphthalate          | 12.21 | 163  | 92995    | 10.953 | ng    |          | 98                     |
| 50) 2,6-Dinitrotoluene         | 12.30 | 165  | 15639    | 9.029  | ng    | #        | 92                     |
| 51) Acenaphthene               | 12.62 | 154  | 64154    | 9.753  | ng    |          | 100                    |
| 52) 3-Nitroaniline             | 12.58 | 138  | 13618    | 7.325  | ng    | #        | 83                     |
| 54) Dibenzofuran               | 12.91 | 168  | 99668    | 10.950 | ng    |          | 96 5/4/2017 1:45:40 PM |
| 55) 4-Nitrophenol              | 13.00 | 139  | 17171m   | 15.378 | ng    |          |                        |
| 56) 2,4-Dinitrotoluene         | 12.97 | 165  | 18278    | 8.212  | ng    | #        | 82                     |
| 57) Fluorene                   | 13.47 | 166  | 81632    | 10.314 | ng    |          | 98                     |
| 58) 2,3,4,6-Tetrachlorophenol  | 13.16 | 232  | 14653    | 10.201 | ng    | #        | 95                     |
| 59) Diethylphthalate           | 13.36 | 149  | 81217    | 9.980  | ng    |          | 100                    |
| 60) 4-Chlorophenyl-phenylether | 13.50 | 204  | 35002    | 10.062 | ng    |          | 88                     |
| 61) 4-Nitroaniline             | 13.57 | 138  | 12193    | 7.144  | ng    |          | 94                     |
| 62) Azobenzene                 | 13.75 | 77   | 69582    | 10.641 | ng    |          | 95                     |
| 64) 4,6-Dinitro-2-methylphenol | 13.65 | 198  | 509      | 0.465  | ng    |          | 84                     |
| 65) n-Nitrosodiphenylamine     | 13.70 | 169  | 64572    | 10.896 | ng    |          | 99                     |
| 66) 4-Bromophenyl-phenylether  | 14.28 | 248  | 17992    | 10.429 | ng    |          | 98                     |
| 67) Hexachlorobenzene          | 14.36 | 284  | 17482    | 9.888  | ng    | #        | 87                     |
| 68) Atrazine                   | 14.61 | 200  | 18629    | 11.133 | ng    |          | 96                     |
| 69) Pentachlorophenol          | 14.72 | 266  | 10573    | 18.121 | ng    |          | 93                     |
| 70) Phenanthrene               | 15.01 | 178  | 140256   | 14.949 | ng    |          | 96                     |
| 71) Anthracene                 | 15.09 | 178  | 142107   | 14.828 | ng    |          | 97                     |
| 72) Carbazole                  | 15.38 | 167  | 95351    | 10.935 | ng    |          | 98                     |
| 73) Di-n-butylphthalate        | 15.95 | 149  | 115027   | 10.578 | ng    |          | 99                     |
| 74) Fluoranthene               | 16.75 | 202  | 290581   | 30.193 | ng    |          | 99                     |
| 77) Pyrene                     | 17.05 | 202  | 277636   | 27.015 | ng    |          | 99                     |
| 79) Butylbenzylphthalate       | 17.97 | 149  | 44018    | 9.208  | ng    |          | 92                     |
| 80) Benzo(a)anthracene         | 18.63 | 228  | 170007   | 21.258 | ng    |          | 95                     |
| 81) 3,3'-Dichlorobenzidine     | 18.62 | 252  | 6628     | 2.400  | ng    | #        | 90                     |
| 82) Chrysene                   | 18.67 | 228  | 168188   | 21.749 | ng    |          | 99                     |
| 83) Bis(2-ethylhexyl)phthalate | 18.71 | 149  | 68095    | 9.998  | ng    | #        | 98                     |
| 84) Di-n-octyl phthalate       | 19.48 | 149  | 109229   | 9.782  | ng    | #        | 95                     |
| 85) Indeno(1,2,3-cd)pyrene     | 21.60 | 276  | 96333    | 15.340 | ng    |          | 94                     |
| 87) Benzo(b)fluoranthene       | 19.90 | 252  | 177685   | 24.118 | ng    |          | 98                     |
| 88) Benzo(k)fluoranthene       | 19.93 | 252  | 99147    | 13.952 | ng    |          | 96                     |
| 89) Benzo(a)pyrene             | 20.25 | 252  | 119890   | 17.636 | ng    |          | 98                     |
| 90) Dibenzo(a,h)anthracene     | 21.61 | 278  | 56200    | 10.010 | ng    | #        | 95                     |
| 91) Benzo(g,h,i)perylene       | 21.97 | 276  | 80143    | 14.546 | ng    |          | 99                     |

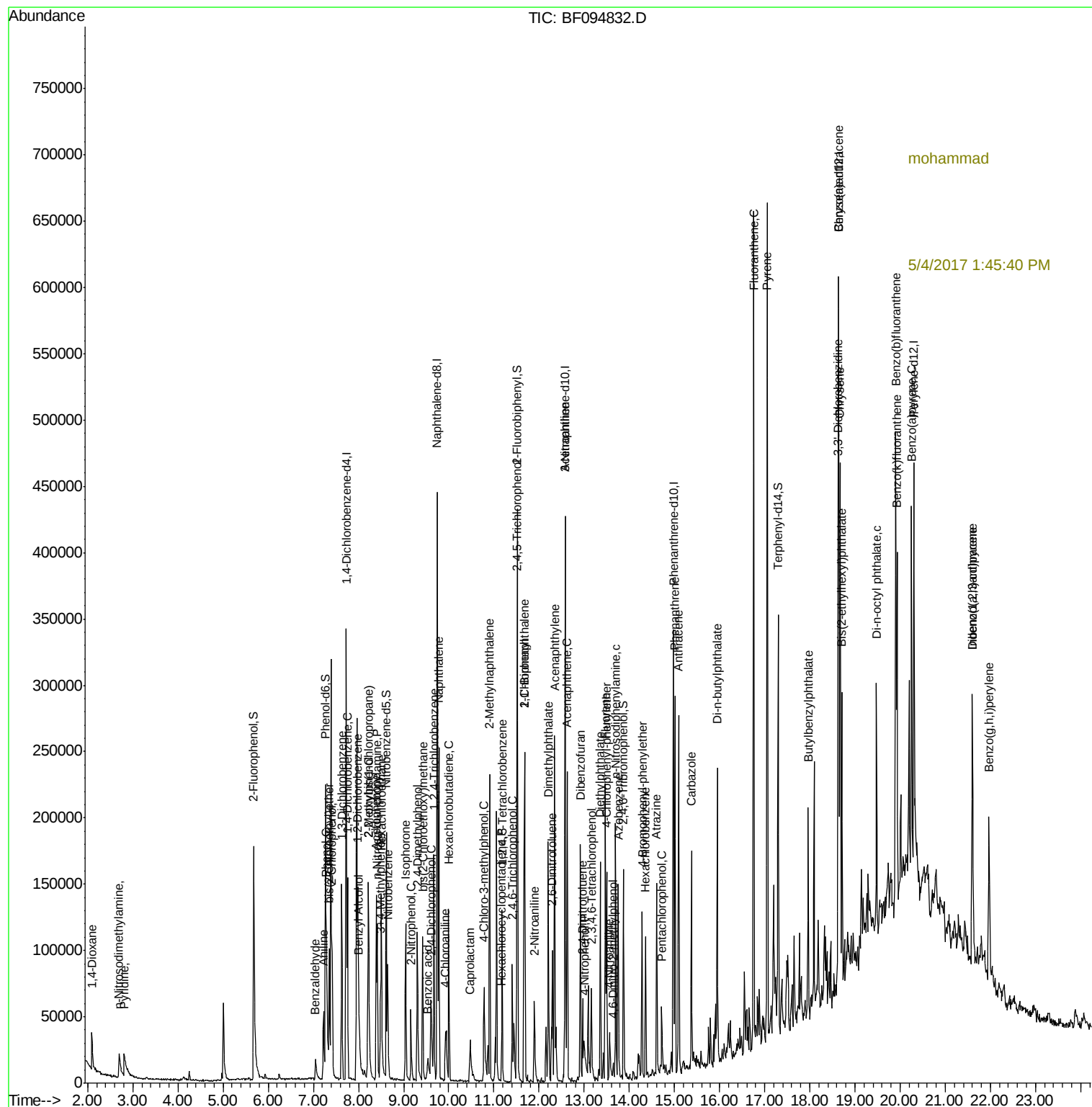
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Quant Time: May 03 17:45:02 2017  
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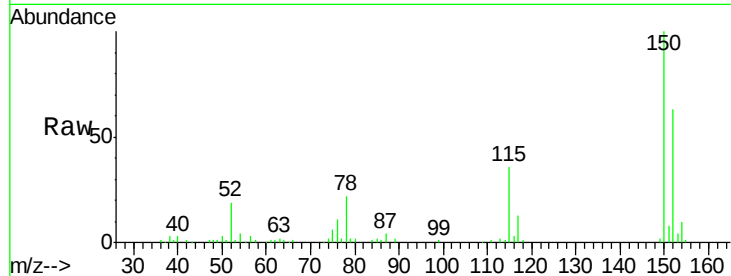
#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.72 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

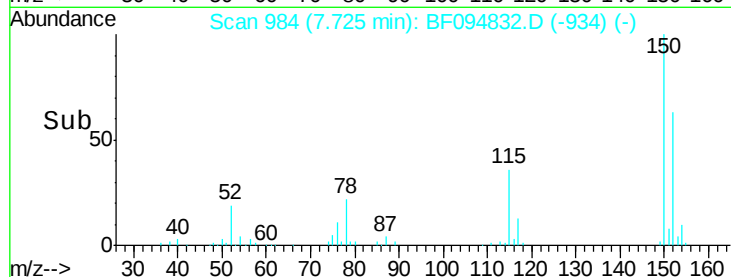
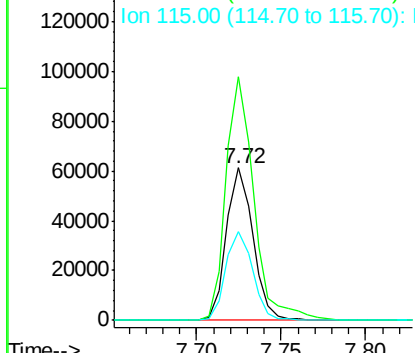
Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.5 | 126.2 | 189.2 |
| 115     | 58.1  | 52.2  | 78.2  |

Manual Integrations  
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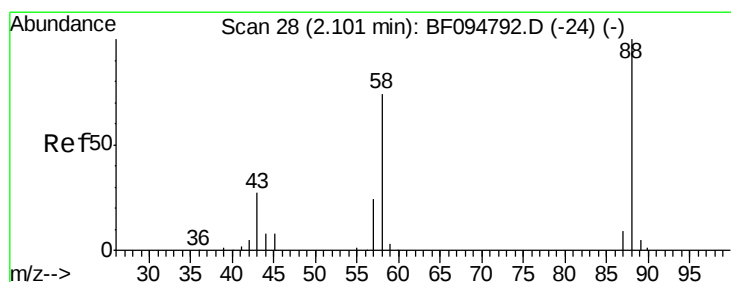


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



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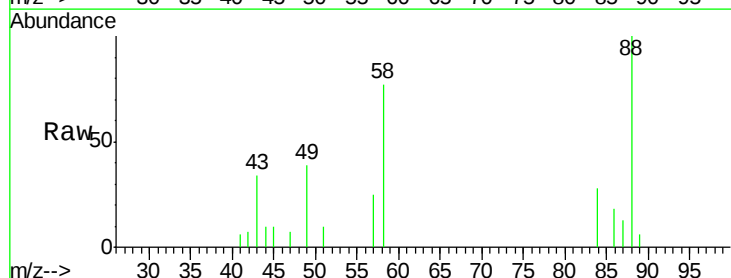
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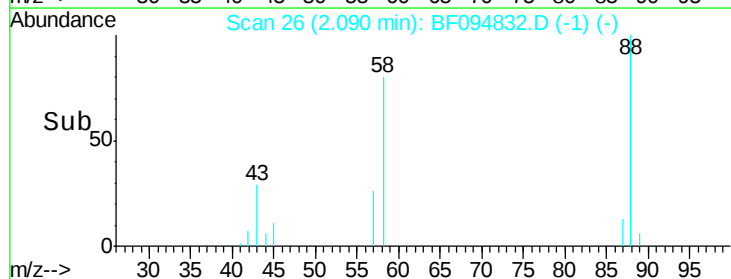
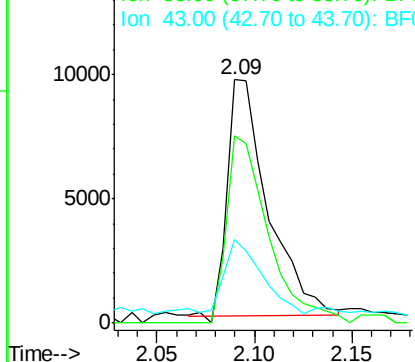
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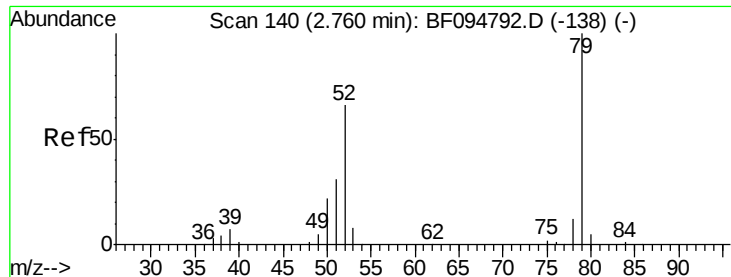
1,4-Dioxane  
Concen: 6.925 ng  
RT: 2.09 min Scan# 26  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.3  | 61.4  | 92.0  |
| 43      | 29.7  | 23.4  | 35.0  |



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





#3

Pyridine

Concen: 5.911 ng

RT: 2.81 min Scan# 148

Delta R.T. 0.05 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

Instrument :

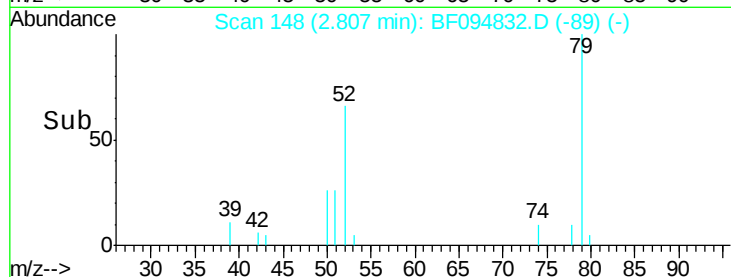
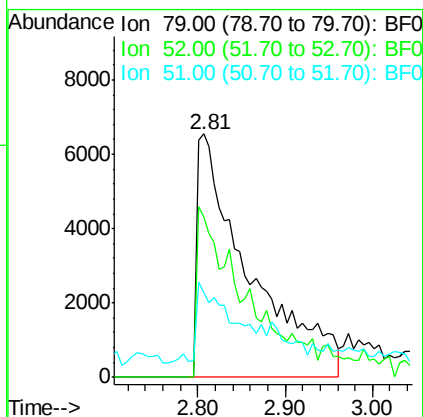
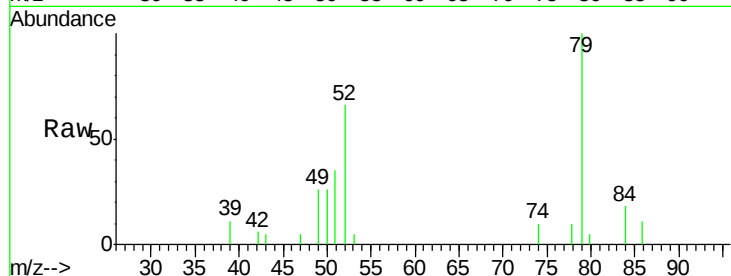
BNA\_F

ClientSampleId :

E2-V10-ESWMSD

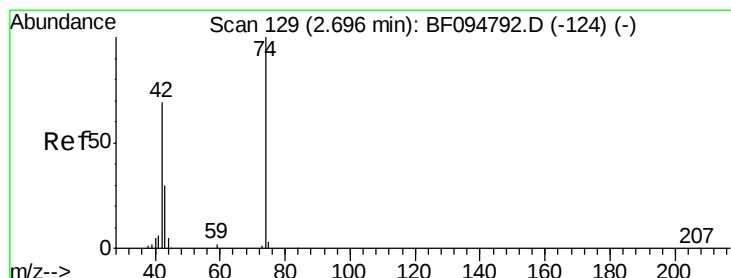
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 27097 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 66.0  | 54.8  | 82.2  |
| 51       | 35.1  | 27.0  | 40.4  |

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#4

n-Nitrosodimethylamine

Concen: 7.185 ng

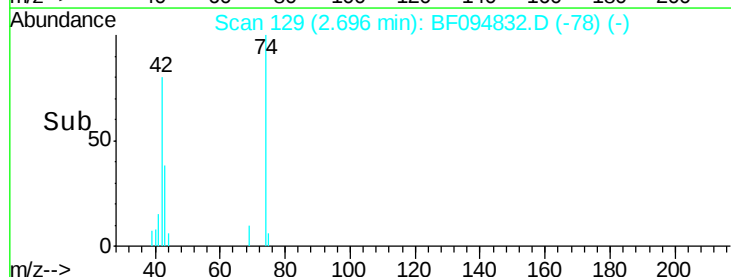
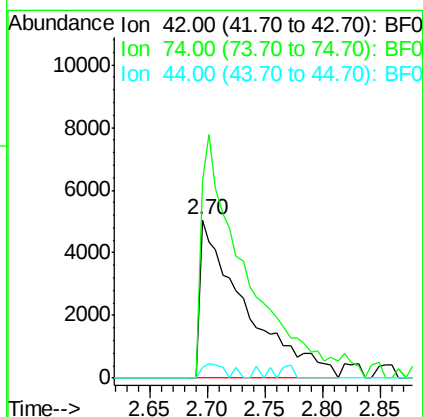
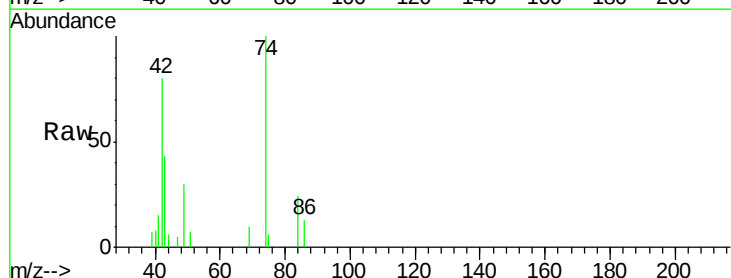
RT: 2.70 min Scan# 129

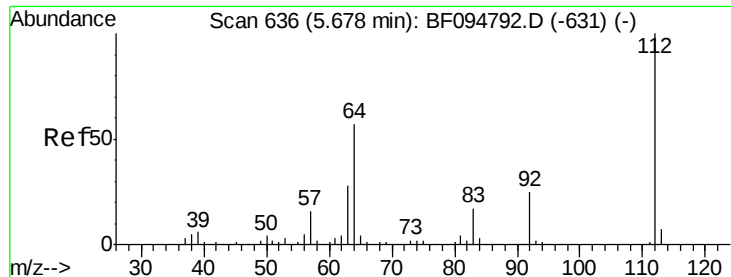
Delta R.T. 0.00 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 13730 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 124.9 | 103.9 | 155.9 |
| 44       | 7.0   | 5.7   | 8.5   |





#5

2-Fluorophenol

Concen: 26.740 ng

RT: 5.68 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

Instrument :

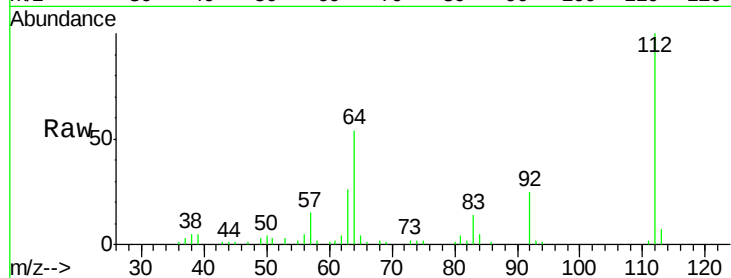
BNA\_F

ClientSampleId :

E2-V10-ESWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 107853 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 54.5  | 46.0  | 69.0   |
| 63        | 26.3  | 23.4  | 35.0   |

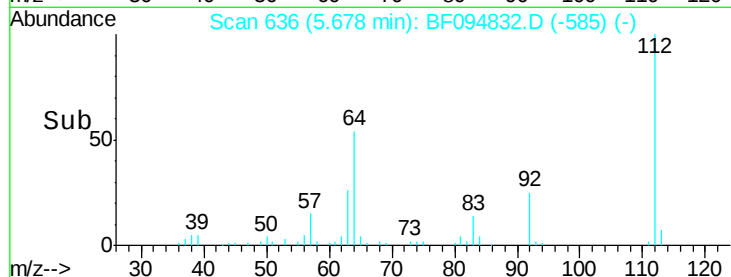
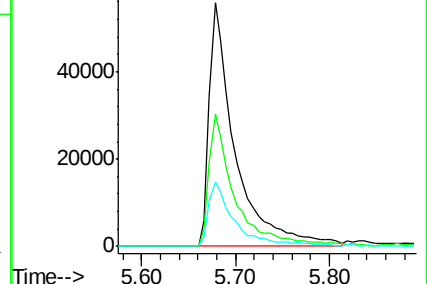
Manual Integrations  
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Abundance Ion 112.00 (111.70 to 112.70): E

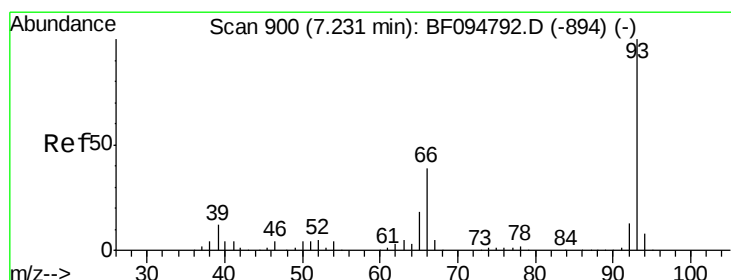
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



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#6

Aniline

Concen: 5.449 ng

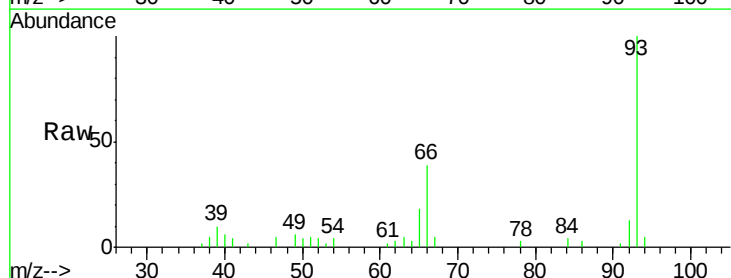
RT: 7.22 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

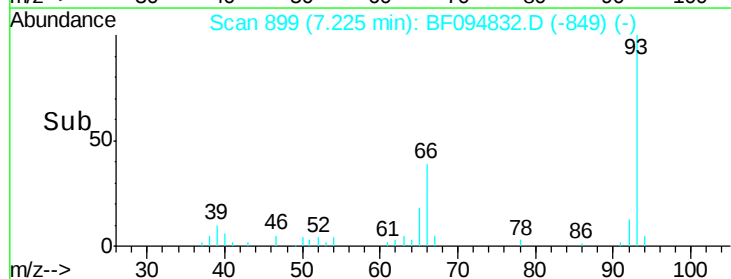
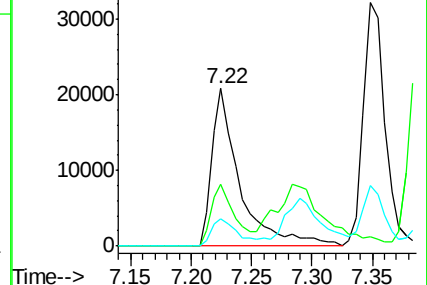
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 33291 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 39.0  | 32.9  | 49.3  |
| 65        | 17.7  | 16.0  | 24.0  |

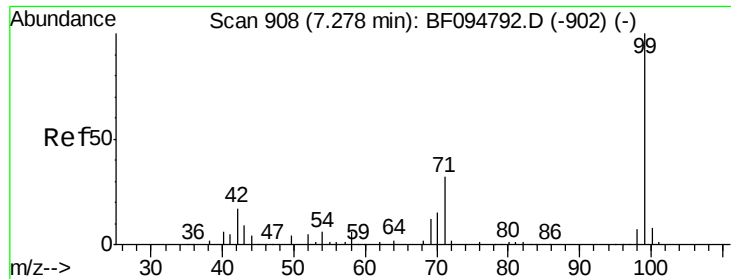


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 28.106 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

Instrument :

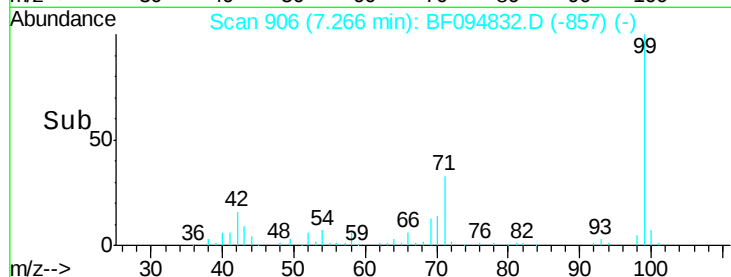
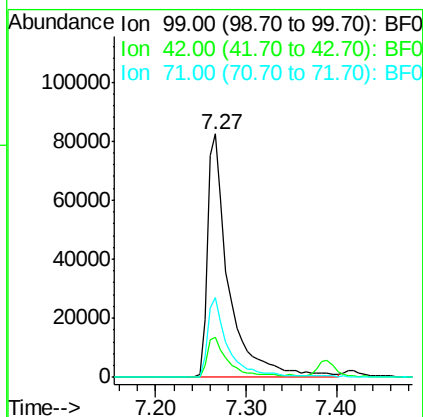
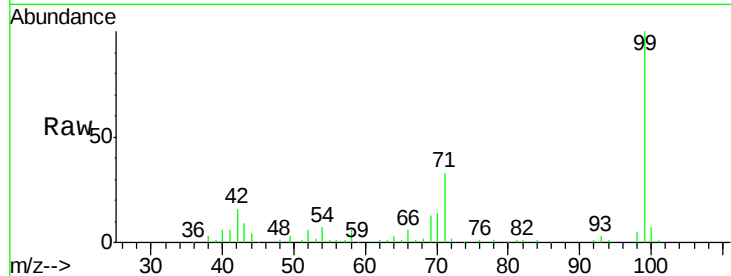
BNA\_F

ClientSampleId :

E2-V10-ESWMSD

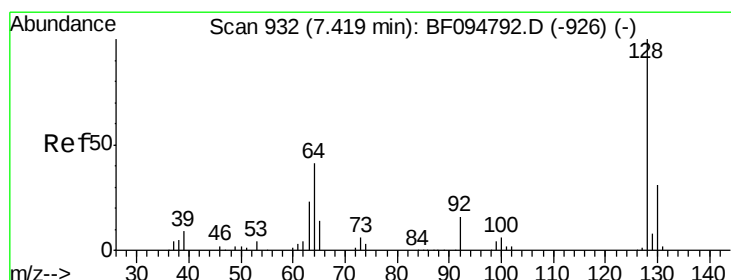
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 136013 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.3  | 13.5  | 20.3   |
| 71        | 33.0  | 24.5  | 36.7   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 9.132 ng

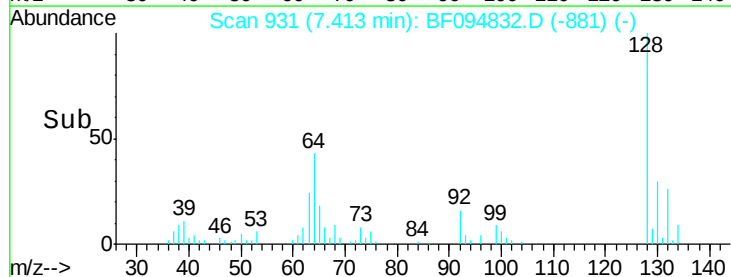
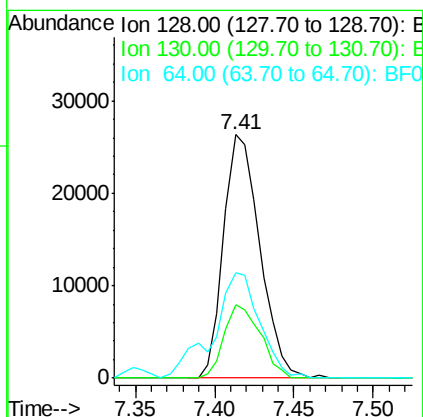
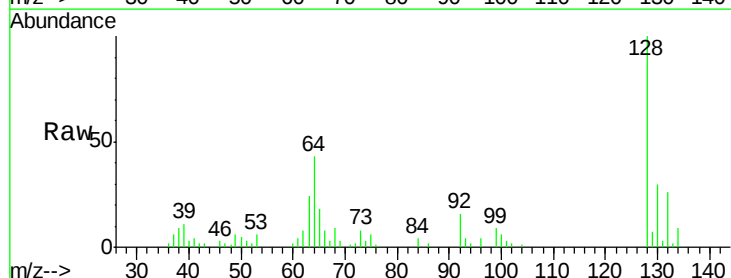
RT: 7.41 min Scan# 931

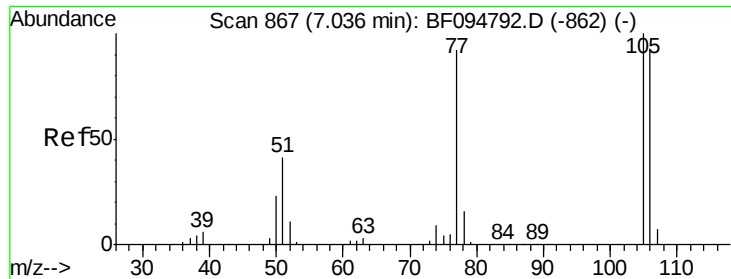
Delta R.T. -0.01 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 41922 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 30.2  | 12.9  | 52.9  |
| 64        | 43.3  | 28.4  | 68.4  |





#9

Benzaldehyde

Concen: 2.355 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

Instrument :

BNA\_F

ClientSampleId :

E2-V10-ESWMSD

Tgt Ion: 77 Resp: 6958

Ion Ratio Lower Upper

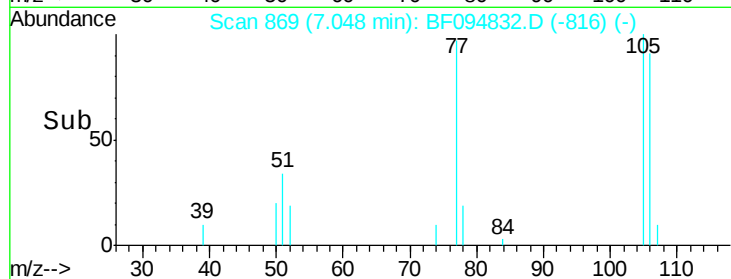
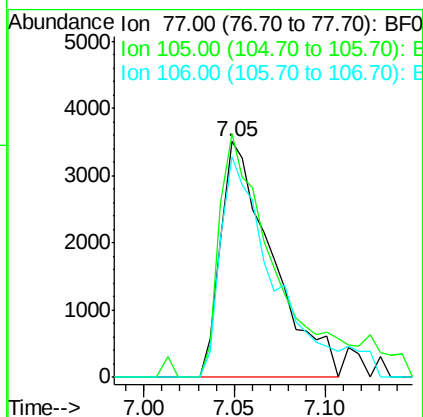
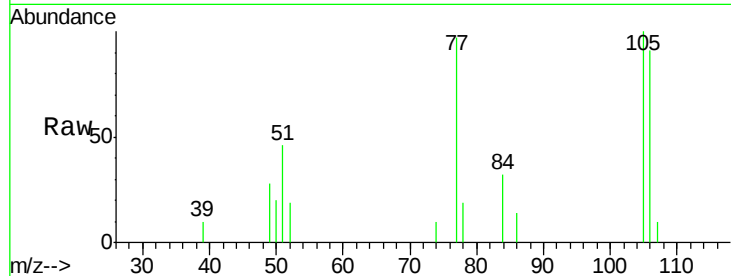
77 100

105 103.2 83.8 123.8

106 93.6 79.1 119.1

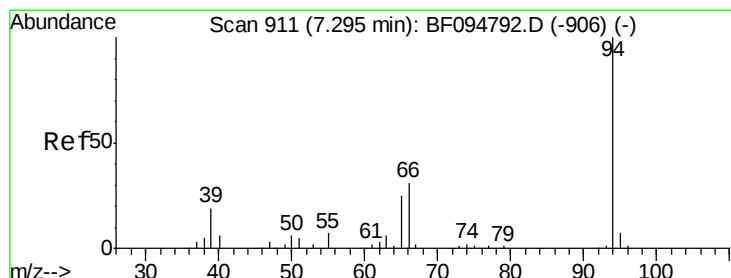
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#10

Phenol

Concen: 10.708 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

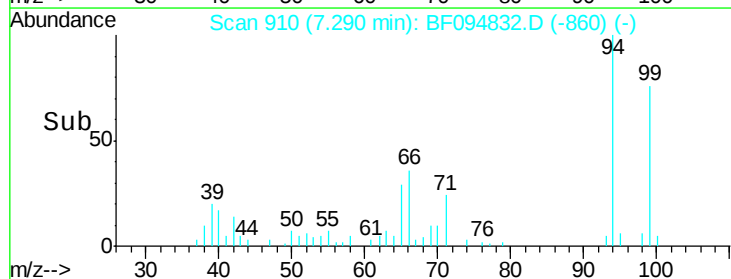
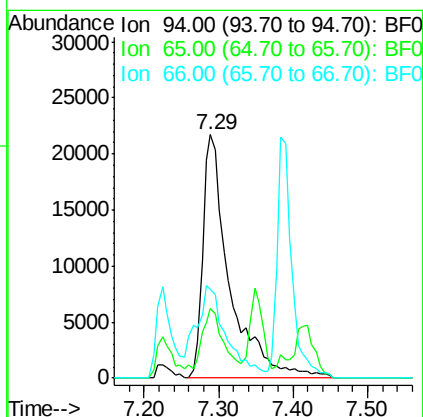
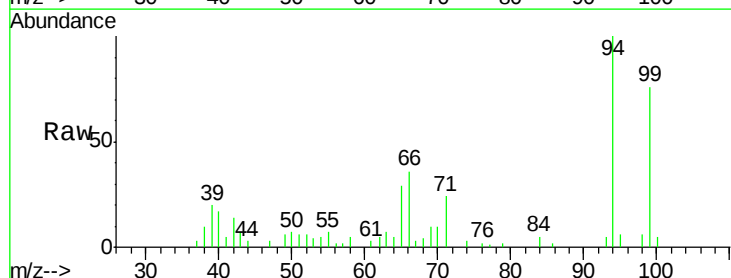
Tgt Ion: 94 Resp: 54608

Ion Ratio Lower Upper

94 100

65 28.8 9.9 49.9

66 36.3 23.1 63.1



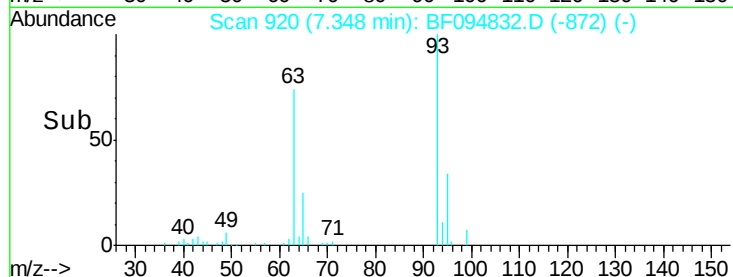
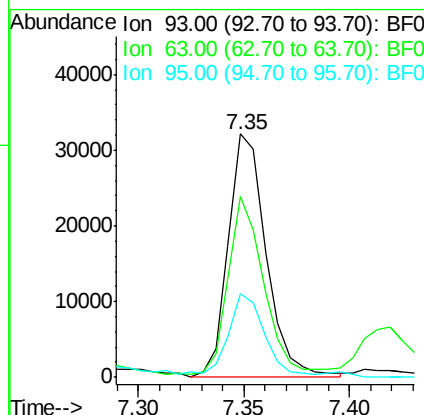
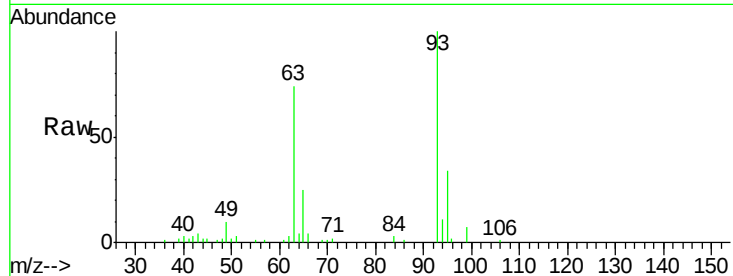


#11  
bis(2-Chloroethyl)ether  
Concen: 9.509 ng  
RT: 7.35 min Scan# 920  
Delta R.T. -0.02 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

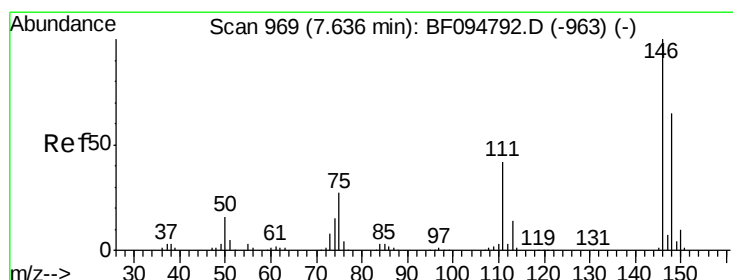
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 40032 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 74.1  | 59.2  | 99.2  |
| 95       | 34.5  | 12.8  | 52.8  |

Manual Integrations  
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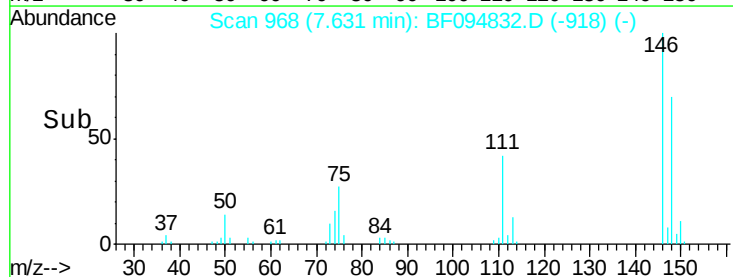
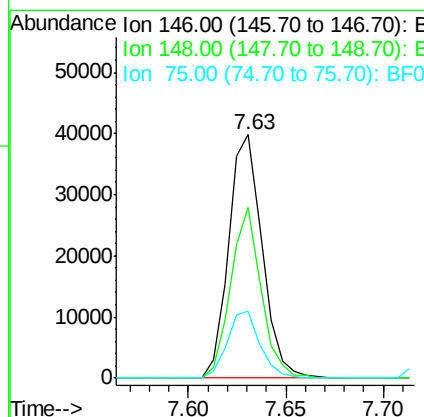
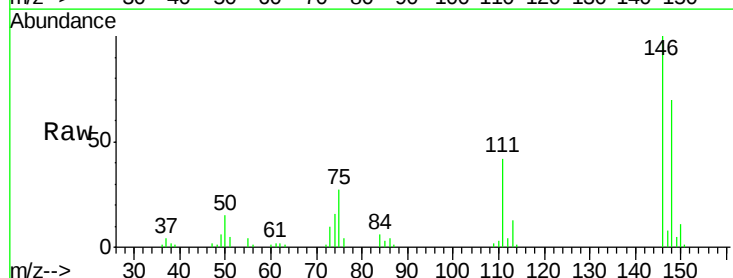
mohammad

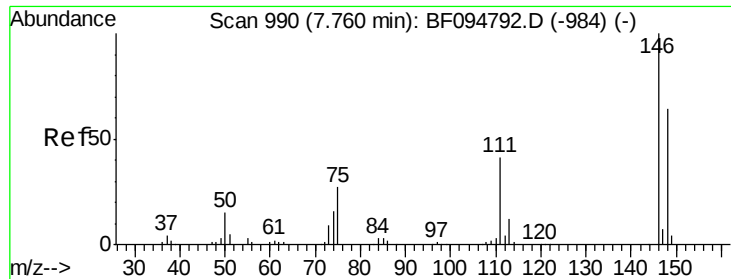
5/4/2017 1:45:40 PM



#12  
1,3-Dichlorobenzene  
Concen: 9.088 ng  
RT: 7.63 min Scan# 968  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 47328 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 70.0  | 51.8  | 77.6  |
| 75       | 27.2  | 23.1  | 34.7  |



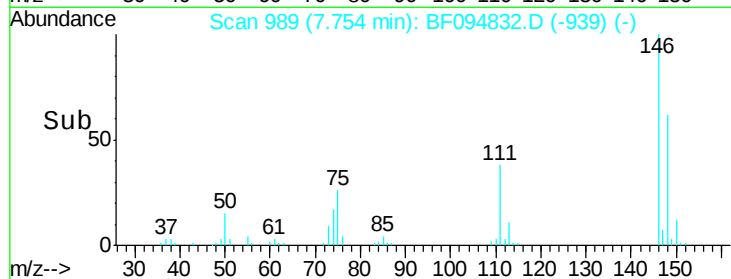
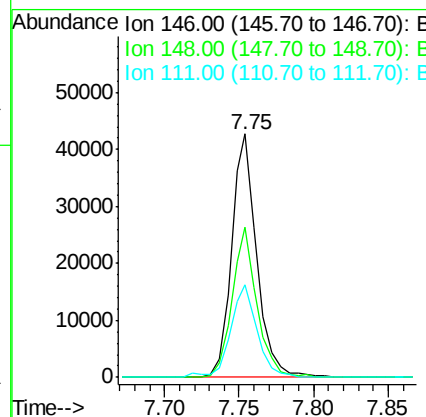
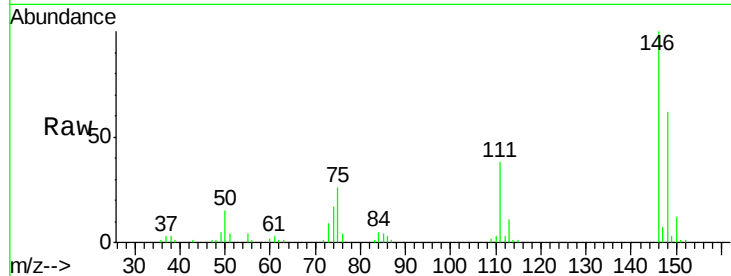


#13  
1,4-Dichlorobenzene  
Concen: 9.555 ng  
RT: 7.75 min Scan# 989  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

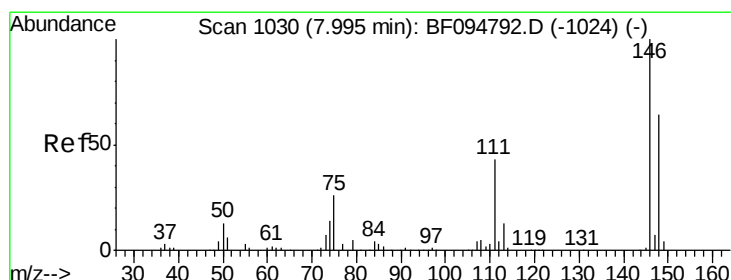
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.6  | 52.2  | 78.2  |
| 111     | 37.8  | 30.3  | 45.5  |

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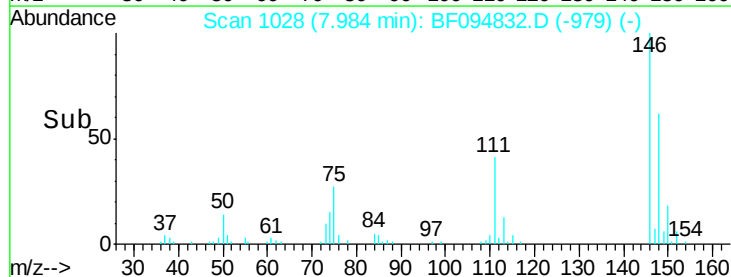
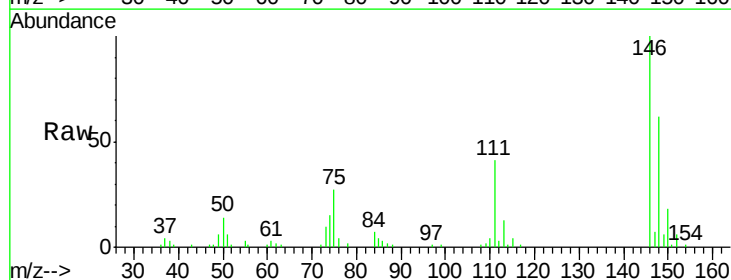
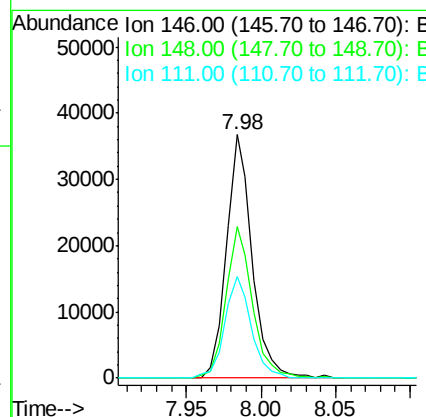
mohammad

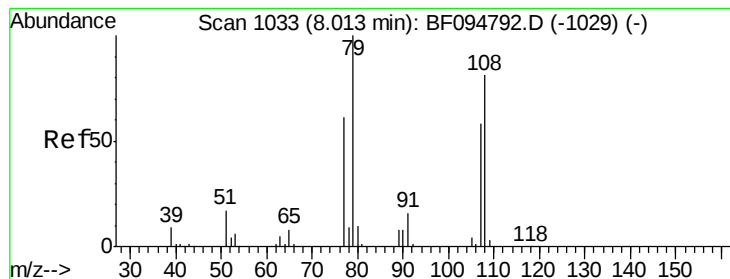
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#14  
1,2-Dichlorobenzene  
Concen: 9.034 ng  
RT: 7.98 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.3  | 50.4  | 75.6  |
| 111     | 41.5  | 38.2  | 57.4  |





#15

Benzyl Alcohol

Concen: 8.014 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

Instrument :

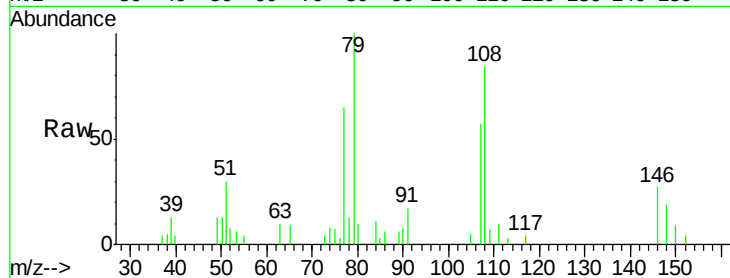
BNA\_F

ClientSampleId :

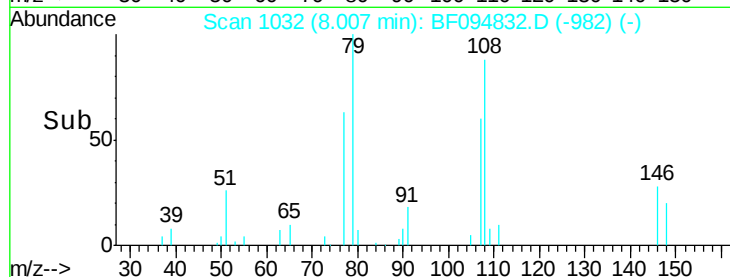
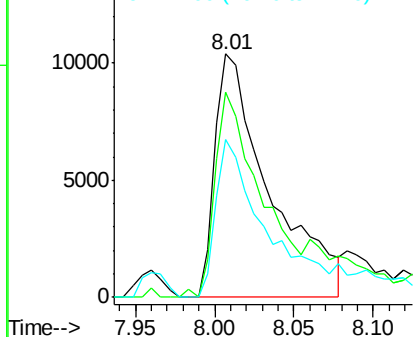
E2-V10-ESWMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 24945 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 84.2  | 63.4  | 95.0  |
| 77       | 64.9  | 49.2  | 73.8  |

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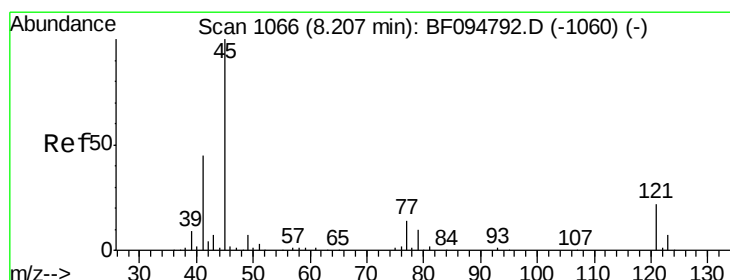


Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0



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#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.665 ng

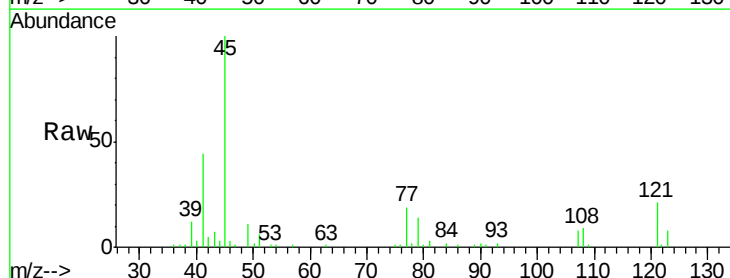
RT: 8.21 min Scan# 1067

Delta R.T. 0.01 min

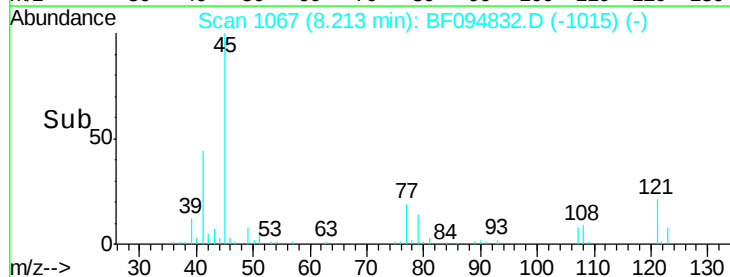
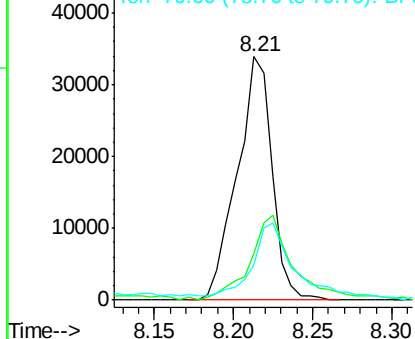
Lab File: BF094832.D

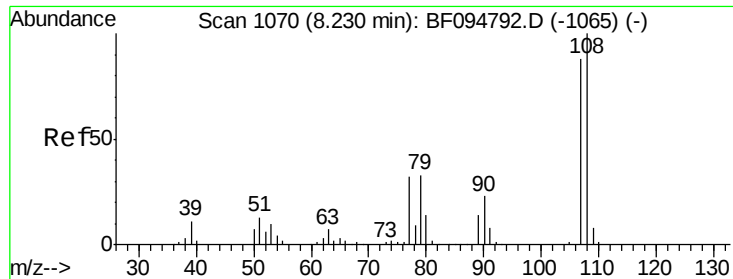
Acq: 3 May 2017 13:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 51633 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 19.0  | 0.0   | 33.2  |
| 79       | 14.2  | 0.0   | 30.0  |



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0



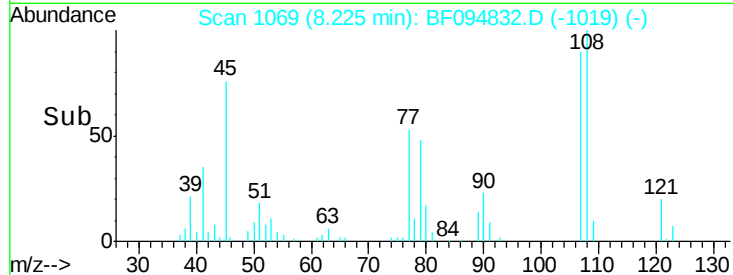
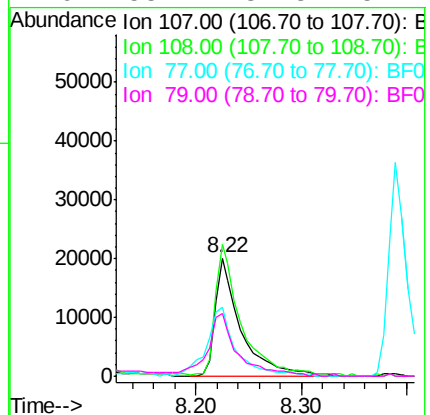
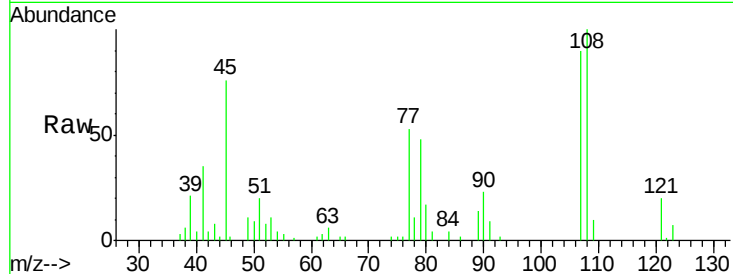


#17  
2-Methylphenol  
Concen: 9.121 ng  
RT: 8.22 min Scan# 1069  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

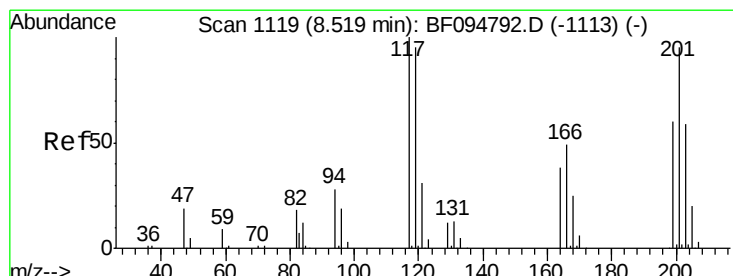
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |
| 108     | 111.2 | 34266 | 93.4  | 140.0 |
| 77      | 58.8  |       | 35.8  | 53.6# |
| 79      | 53.1  |       | 34.8  | 52.2# |

Manual Integrations  
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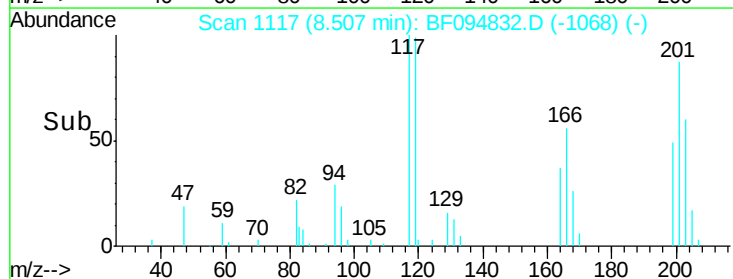
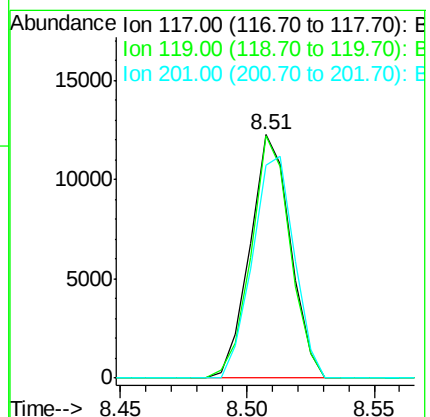
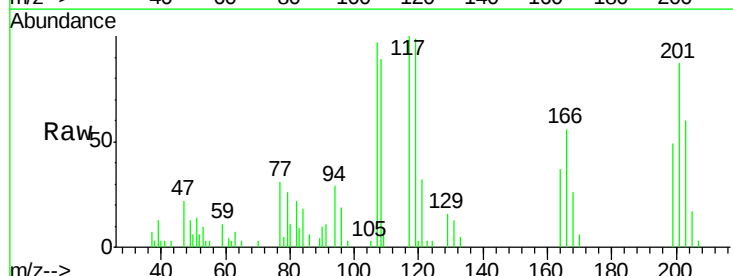
mohammad

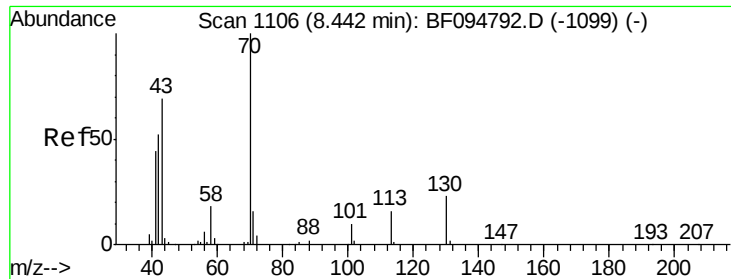
5/4/2017 1:45:40 PM



#18  
Hexachloroethane  
Concen: 7.592 ng  
RT: 8.51 min Scan# 1117  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Resp  | Lower | Upper  |
|---------|-------|-------|-------|--------|
| 117     | 100   | 13583 |       |        |
| 119     | 99.5  |       | 77.4  | 116.0  |
| 201     | 87.3  |       | 94.6  | 141.8# |



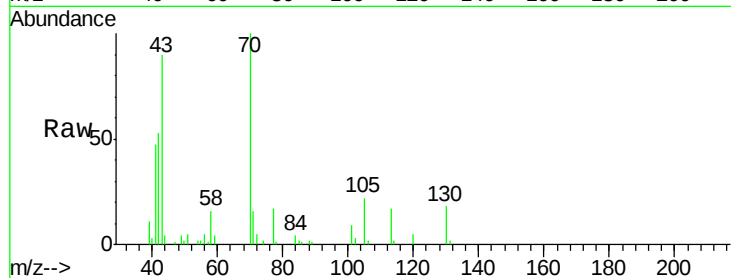


#19  
n-Nitroso-di-n-propylamine  
Concen: 9.154 ng  
RT: 8.41 min Scan# 1101  
Delta R.T. -0.03 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 53.5  | 47.2  | 70.8  |
| 101     | 9.1   | 7.2   | 10.8  |
| 130     | 18.5  | 15.9  | 23.9  |

Manual Integrations  
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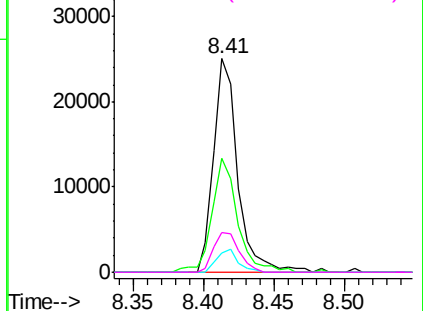
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

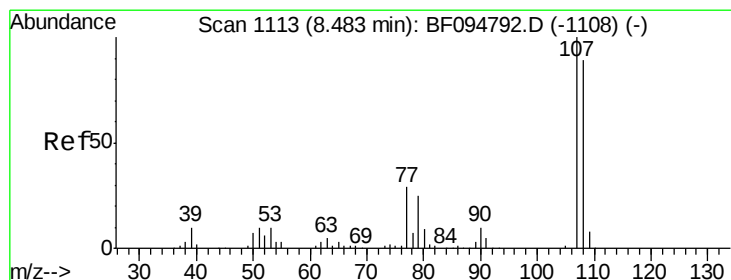
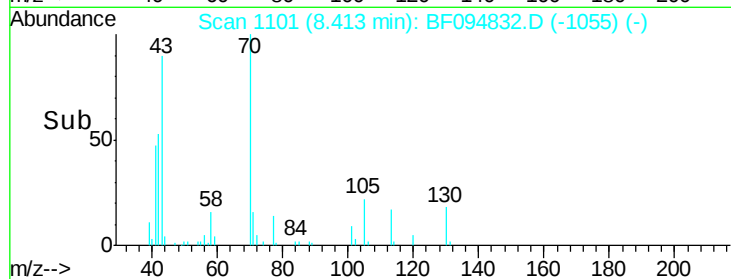
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



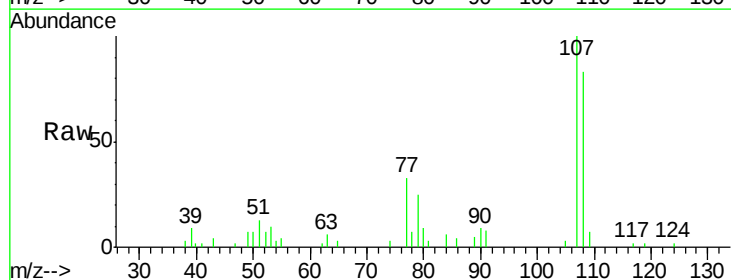
mohammad

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#20  
3+4-Methylphenols  
Concen: 9.356 ng  
RT: 8.49 min Scan# 1114  
Delta R.T. 0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 83.4  | 71.0  | 111.0  |
| 77      | 33.1  | 90.5  | 130.5# |
| 79      | 24.8  | 8.4   | 48.4   |



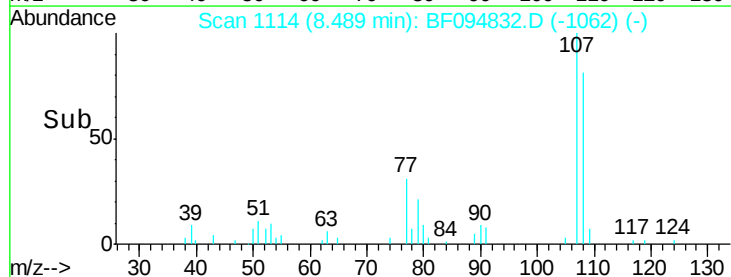
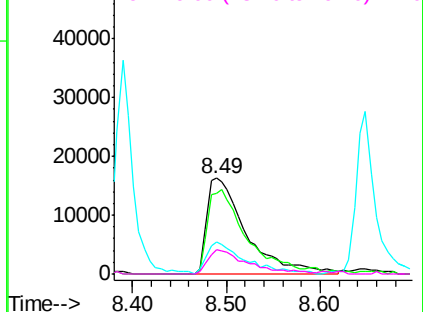
Abundance

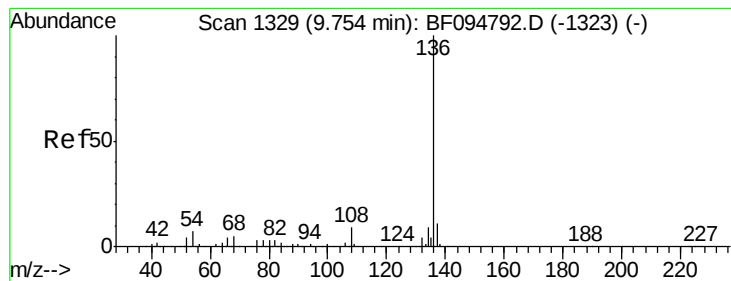
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



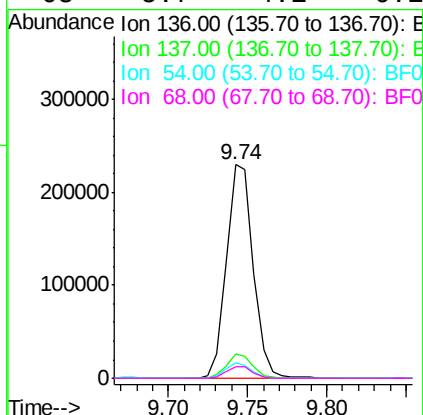
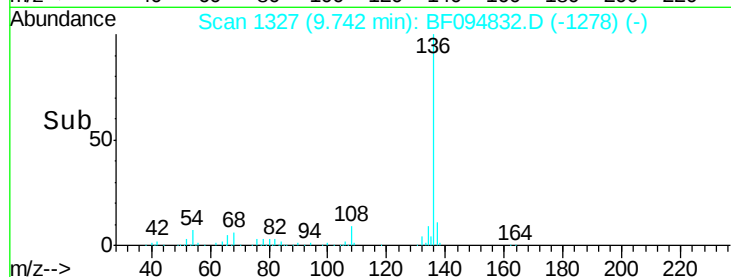
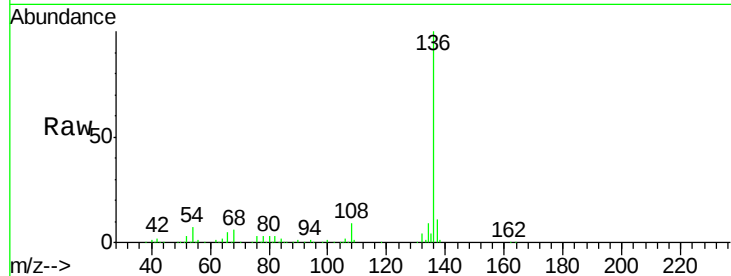


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 9.74 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

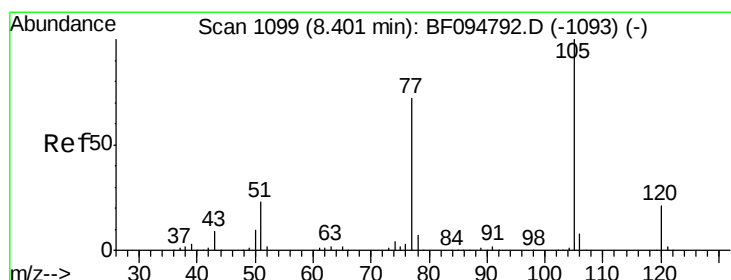
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 267434 |       |       |
| 137     | 11.4  | 8.5    | 12.7  |       |
| 54      | 7.2   | 4.9    | 7.3   |       |
| 68      | 5.7   | 4.1    | 6.1   |       |

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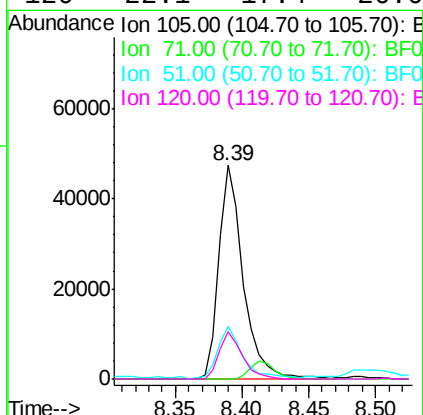
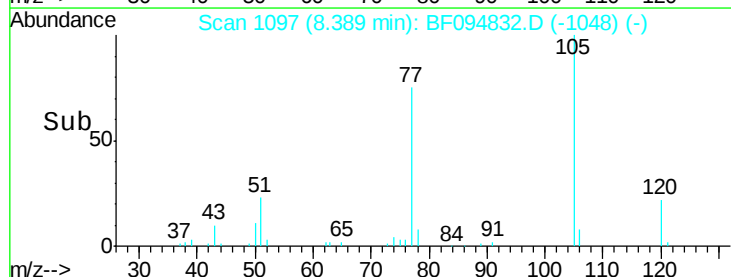
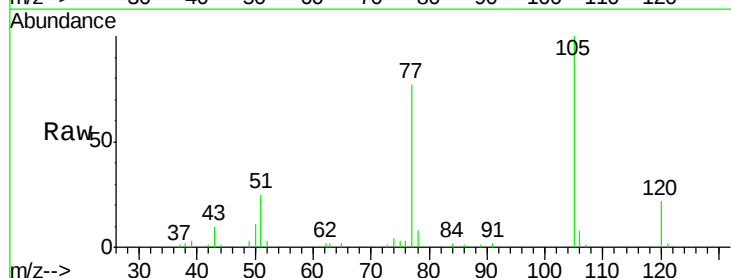
mohammad

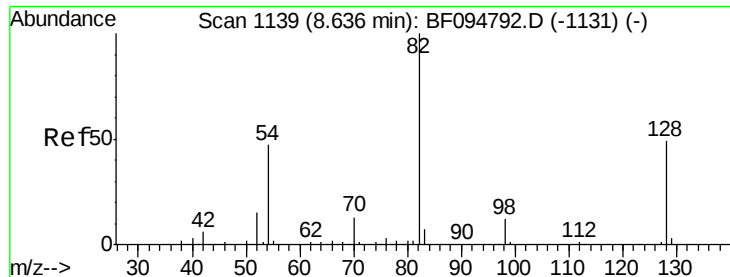
5/4/2017 1:45:40 PM



#22  
Acetophenone  
Concen: 9.607 ng  
RT: 8.39 min Scan# 1097  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 61641 |       |       |
| 71      | 0.0   | 2.8   | 4.2#  |       |
| 51      | 24.5  | 30.7  | 46.1# |       |
| 120     | 22.1  | 17.4  | 26.0  |       |



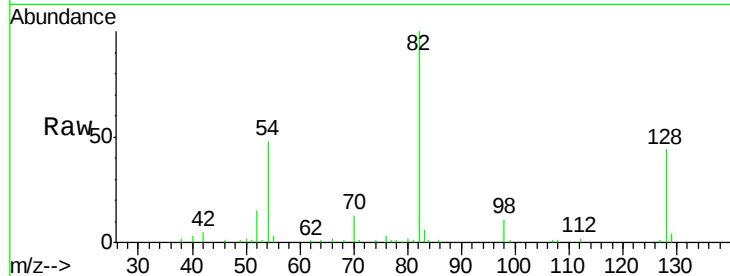


#23  
Nitrobenzene-d5  
Concen: 17.945 ng  
RT: 8.61 min Scan# 1135  
Delta R.T. -0.02 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

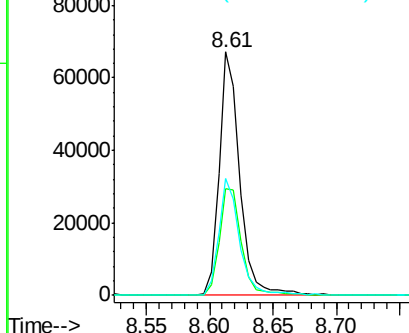
Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.8  | 34.0  | 51.0  |
| 54      | 47.8  | 42.2  | 63.2  |

Manual Integrations  
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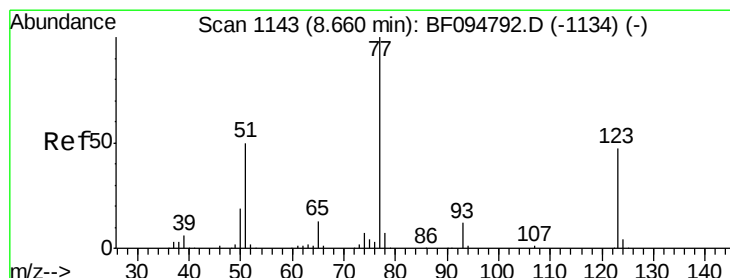
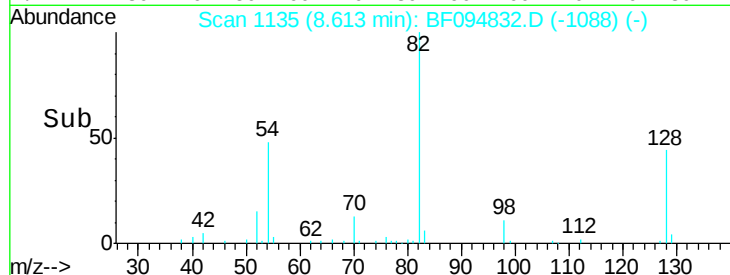


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): BF0  
Ion 54.00 (53.70 to 54.70): BF0



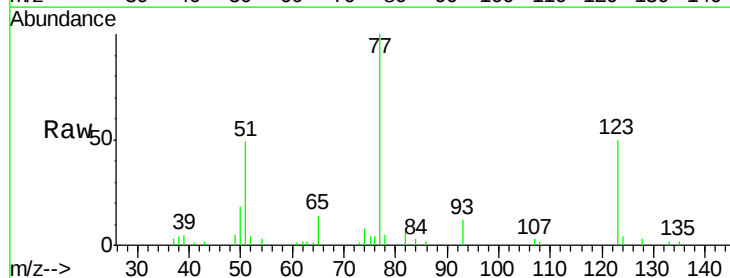
mohammad

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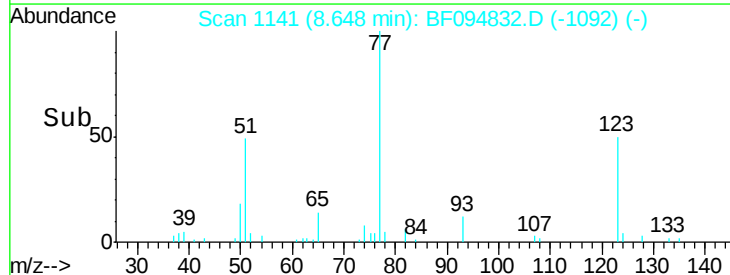
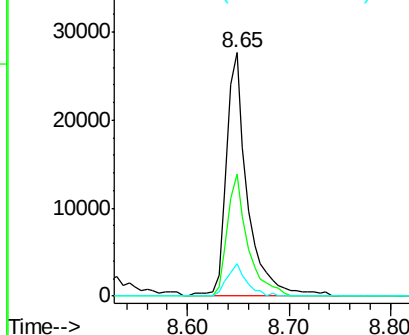


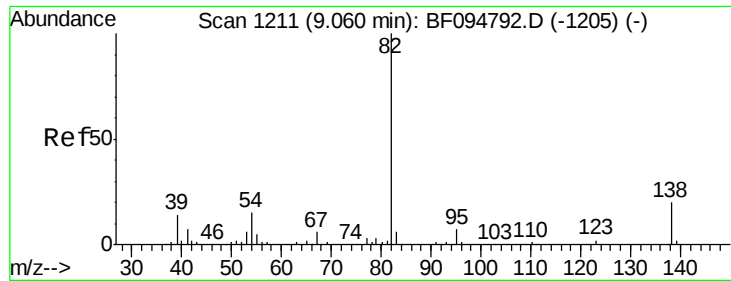
#24  
Nitrobenzene  
Concen: 9.000 ng  
RT: 8.65 min Scan# 1141  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.1  | 35.8  | 53.8  |
| 65      | 13.5  | 10.6  | 15.8  |



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 123.00 (122.70 to 123.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0



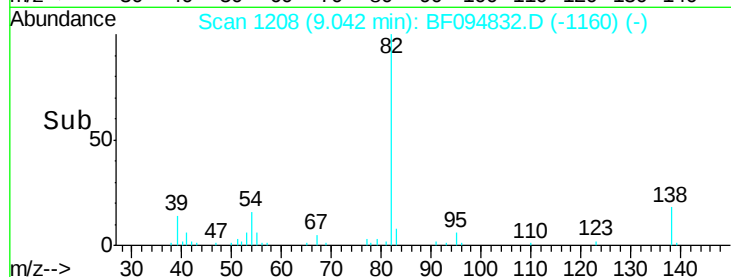
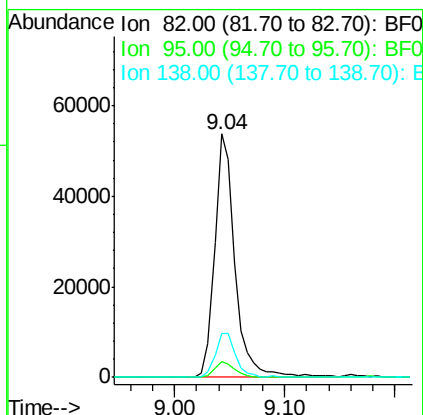
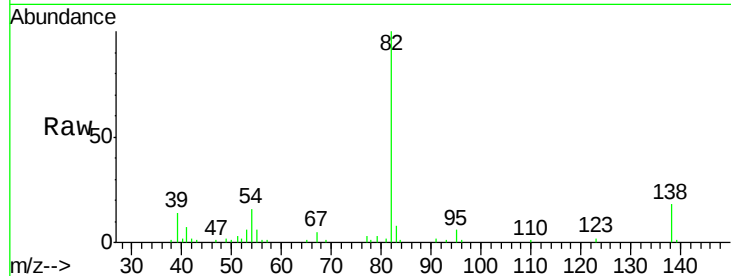


#25  
Isophorone  
Concen: 9.009 ng  
RT: 9.04 min Scan# 1208  
Delta R.T. -0.02 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

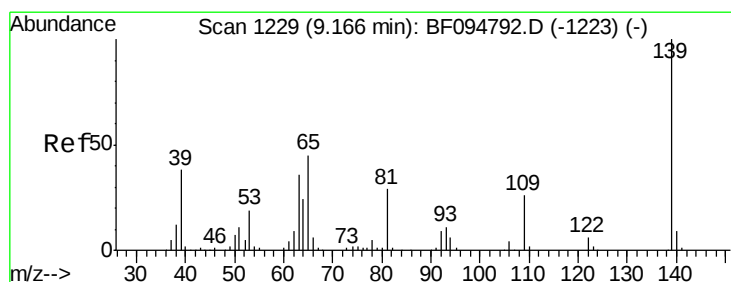
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 82      | 100   | 68225 |       |       |
| 95      | 6.4   |       | 5.3   | 7.9   |
| 138     | 18.2  |       | 13.1  | 19.7  |

Manual Integrations  
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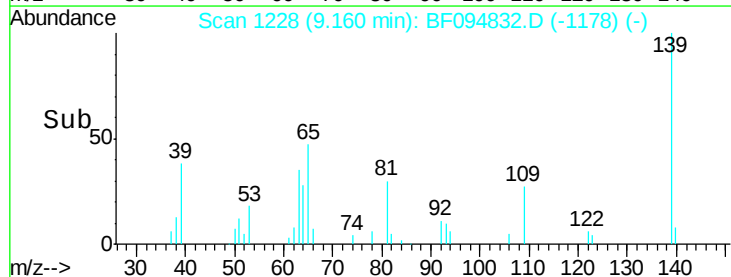
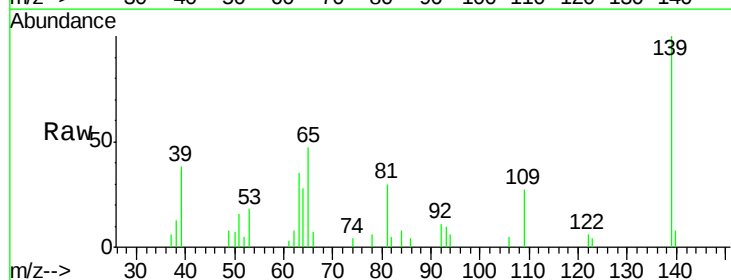
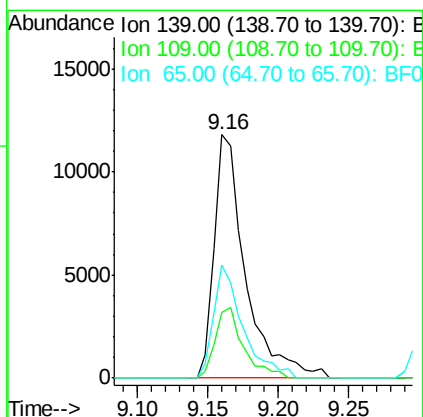
mohammad

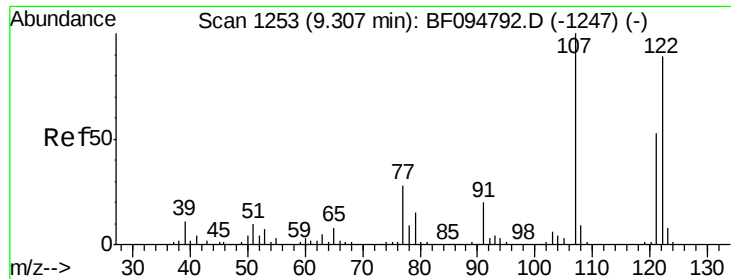
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#26  
2-Nitrophenol  
Concen: 7.590 ng  
RT: 9.16 min Scan# 1228  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 18207 |       |       |
| 109     | 26.9  |       | 21.0  | 31.6  |
| 65      | 46.6  |       | 33.0  | 49.6  |



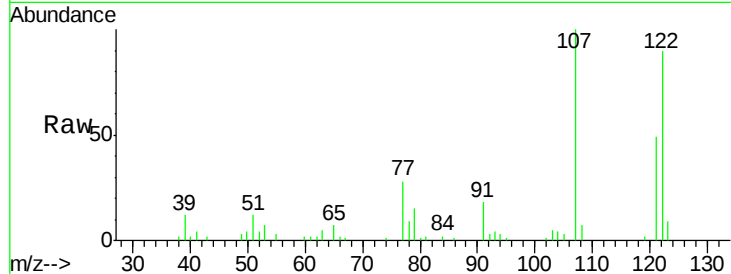


#27  
 2,4-Dimethylphenol  
 Concen: 9.102 ng  
 RT: 9.30 min Scan# 1252  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

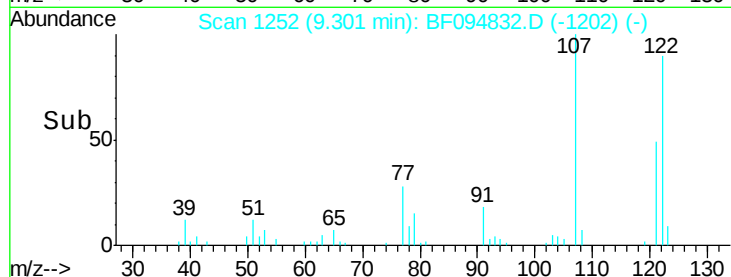
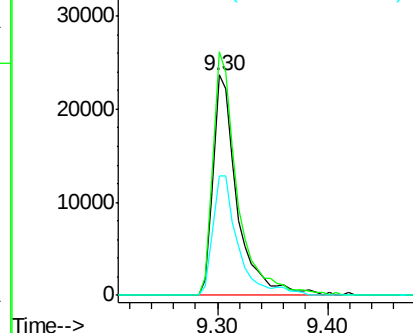
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.6 | 89.2  | 133.8 |
| 121     | 54.0  | 45.2  | 67.8  |

Manual Integrations  
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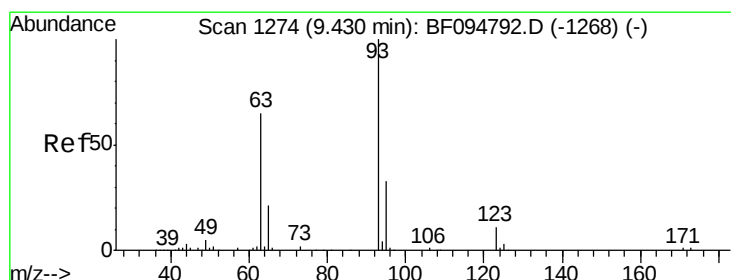


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E



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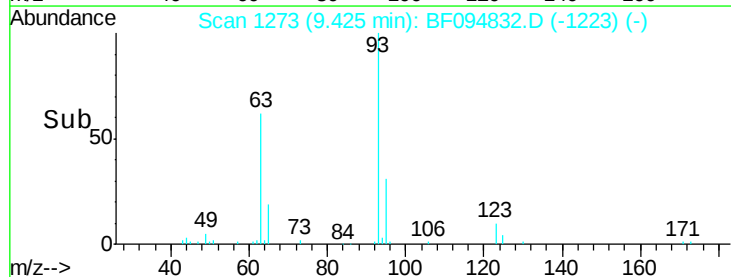
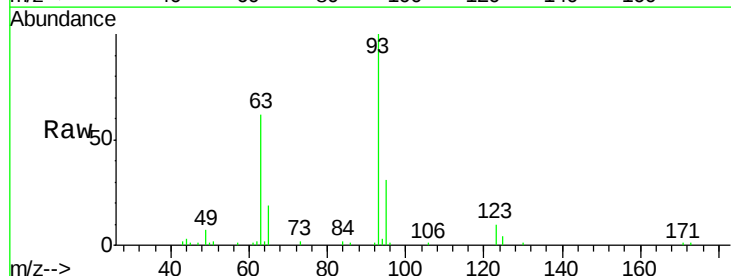
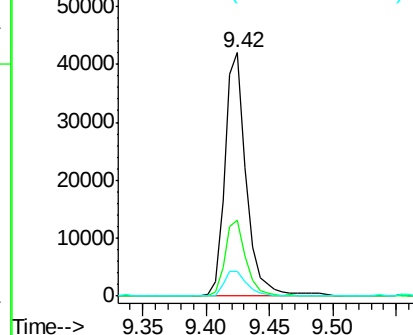
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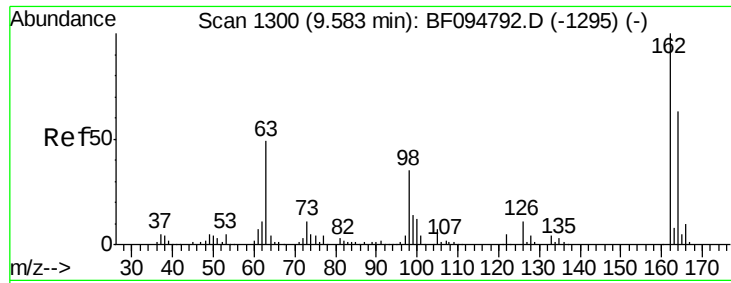


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 9.484 ng  
 RT: 9.42 min Scan# 1273  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.4  | 26.5  | 39.7  |
| 123     | 10.3  | 9.0   | 13.4  |

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



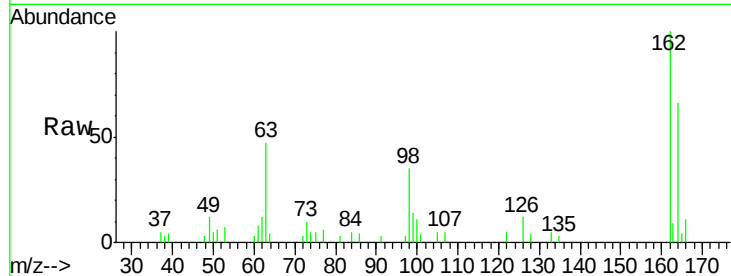


#29  
 2,4-Dichlorophenol  
 Concen: 8.981 ng  
 RT: 9.60 min Scan# 1303  
 Delta R.T. 0.02 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

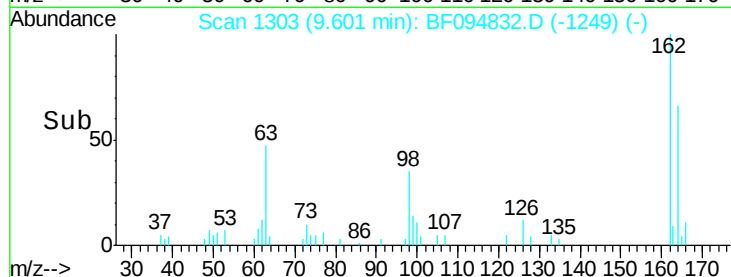
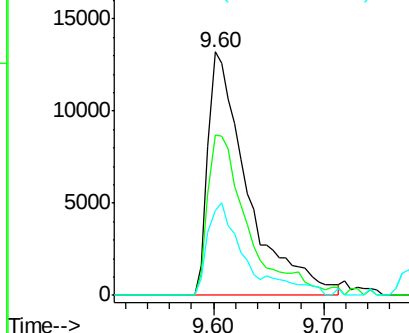
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 32885 |       |       |
| 164     | 65.8  | 44.6  | 84.6  |       |
| 98      | 34.8  | 14.8  | 54.8  |       |

Manual Integrations  
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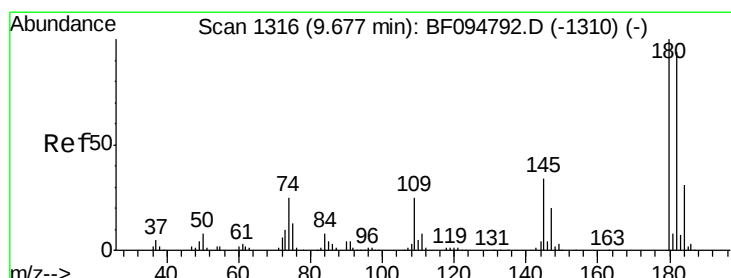


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0



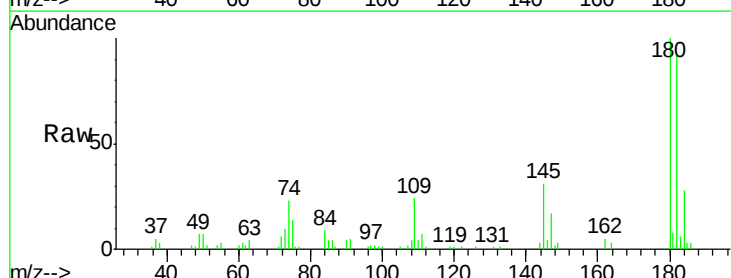
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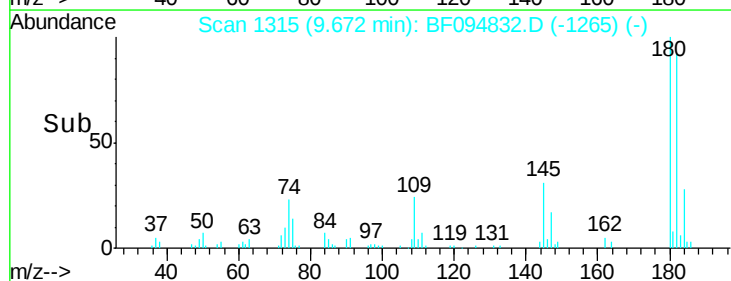
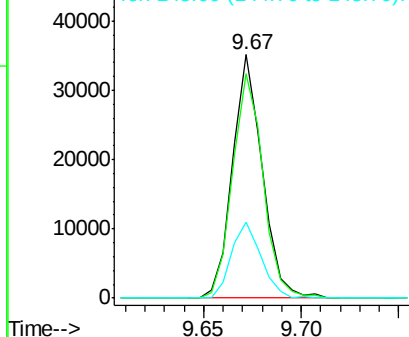


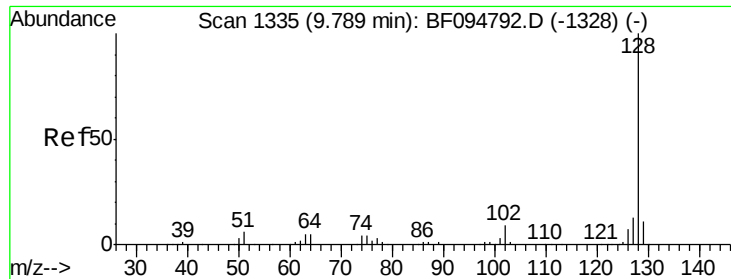
#30  
 1,2,4-Trichlorobenzene  
 Concen: 9.494 ng  
 RT: 9.67 min Scan# 1315  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 37246 |       |       |
| 182     | 92.3  | 75.8  | 113.6 |       |
| 145     | 31.4  | 25.3  | 37.9  |       |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E



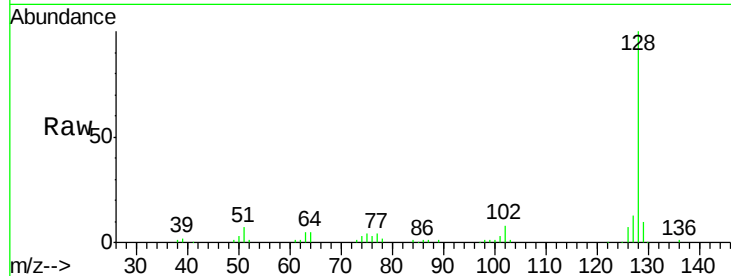


#31  
Naphthalene  
Concen: 10.747 ng  
RT: 9.78 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

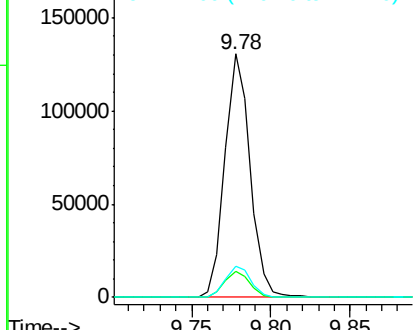
Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 9.0   | 13.6  |
| 127     | 12.6  | 10.8  | 16.2  |

Manual Integrations  
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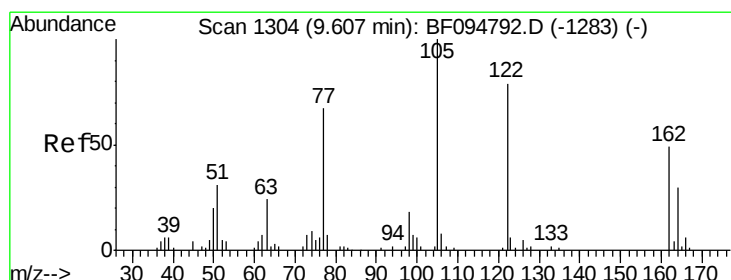
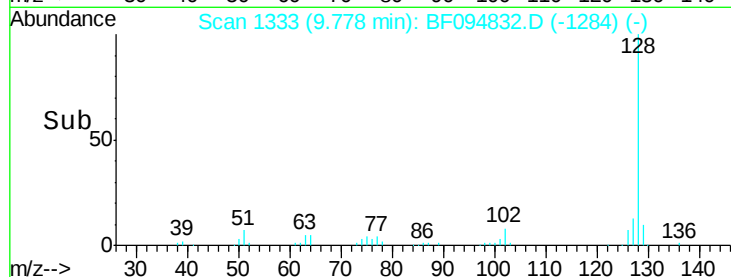


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



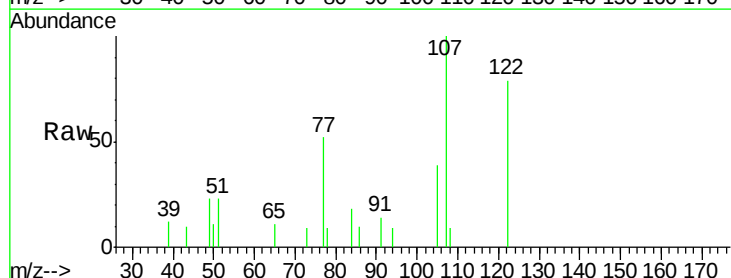
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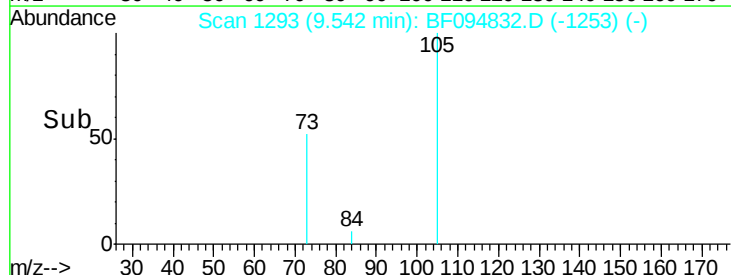
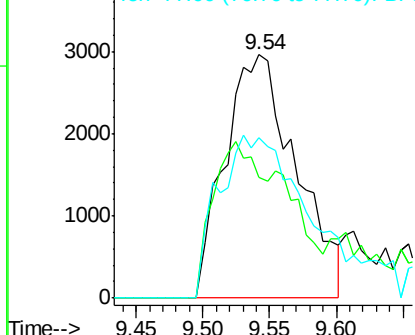


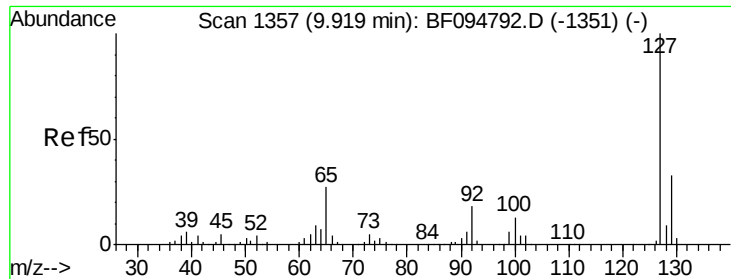
#32  
Benzoic acid  
Concen: 8.927 ng  
RT: 9.54 min Scan# 1293  
Delta R.T. -0.06 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 49.8  | 103.3 | 143.3# |
| 77      | 66.1  | 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



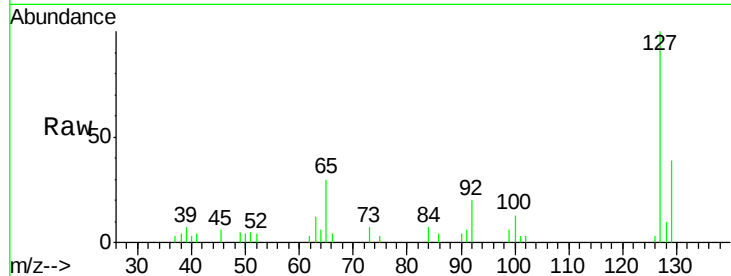


#33  
4-Chloroaniline  
Concen: 5.300 ng  
RT: 9.92 min Scan# 1358  
Delta R.T. 0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

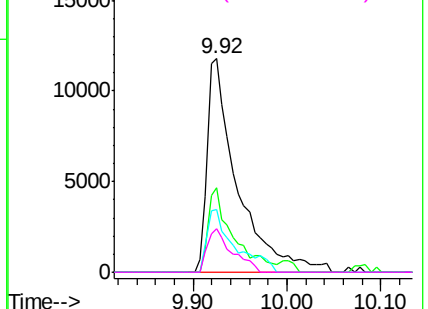
Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 39.4  | 26.2  | 39.2# |
| 65      | 29.6  | 27.8  | 41.8  |
| 92      | 20.1  | 16.8  | 25.2  |

Manual Integrations  
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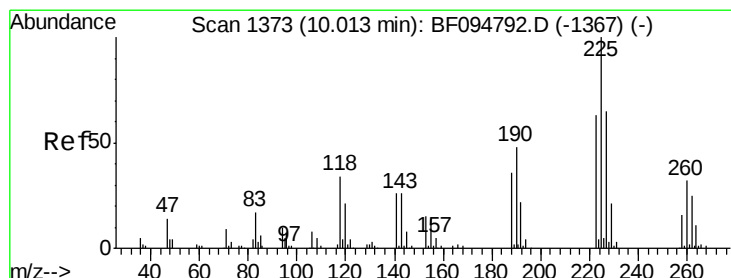


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0



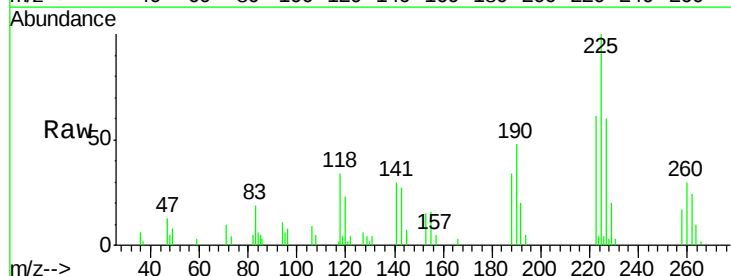
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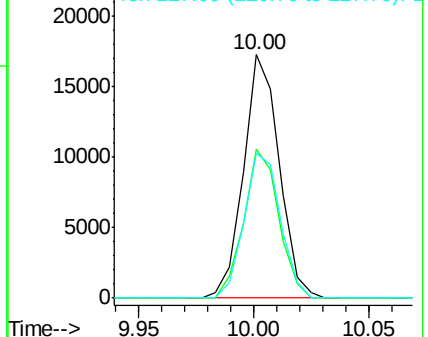


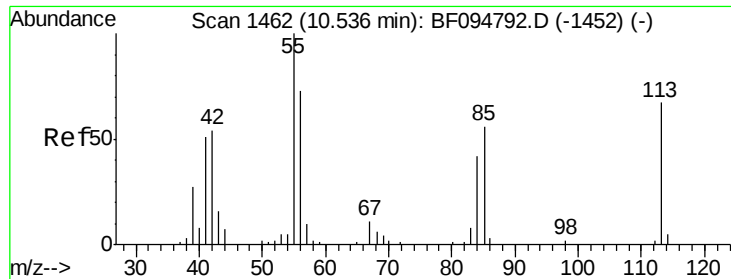
#34  
Hexachlorobutadiene  
Concen: 8.978 ng  
RT: 10.00 min Scan# 1371  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.3  | 48.8  | 73.2  |
| 227     | 59.6  | 51.1  | 76.7  |



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



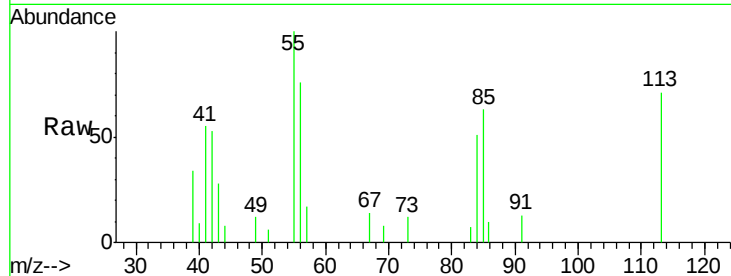


#35  
 Caprolactam  
 Concen: 8.137 ng  
 RT: 10.47 min Scan# 1451  
 Delta R.T. -0.06 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

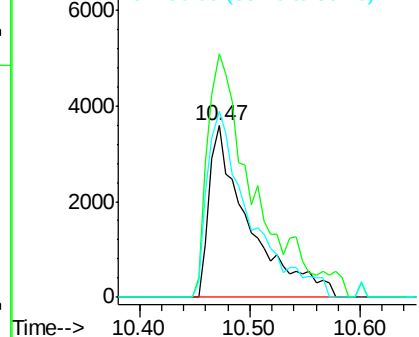
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

Tgt Ion:113 Resp: 8947  
 Ion Ratio Lower Upper  
 113 100  
 55 141.7 150.2 190.2#  
 56 108.3 107.8 147.8

Manual Integrations  
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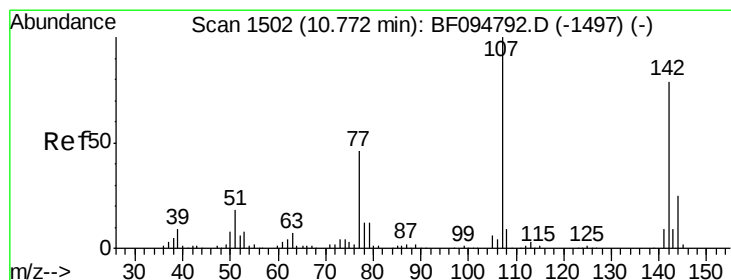
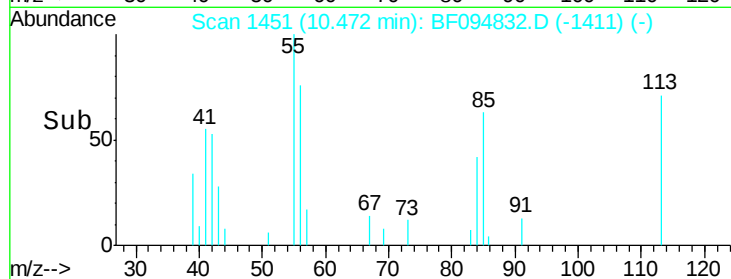


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0



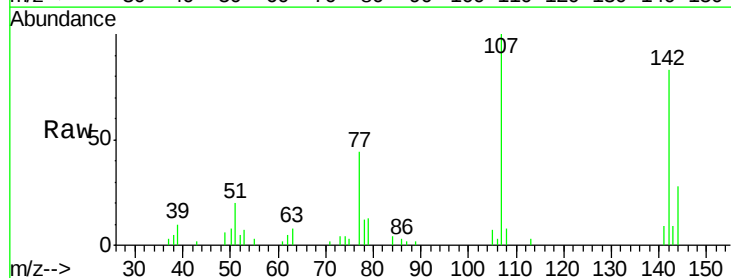
mohammad

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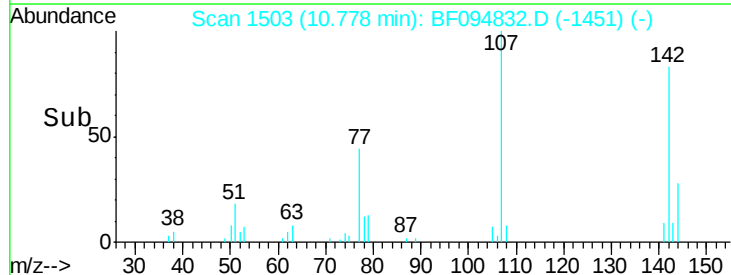
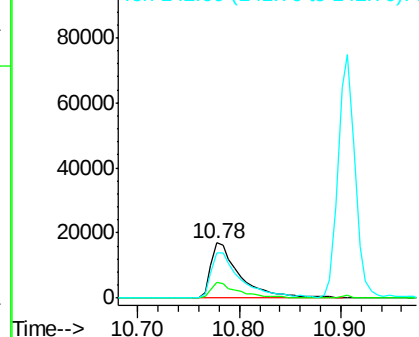


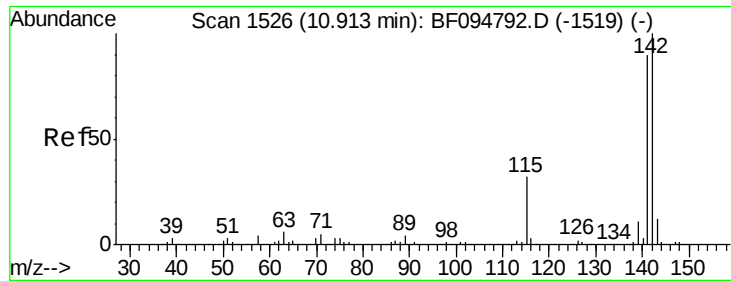
#36  
 4-Chloro-3-methylphenol  
 Concen: 8.675 ng  
 RT: 10.78 min Scan# 1503  
 Delta R.T. 0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

Tgt Ion:107 Resp: 33963  
 Ion Ratio Lower Upper  
 107 100  
 144 27.7 24.2 36.4  
 142 82.7 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E



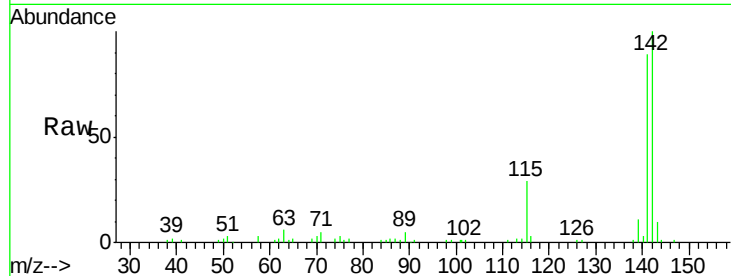


#37  
2-Methylnaphthalene  
Concen: 9.957 ng  
RT: 10.91 min Scan# 1525  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

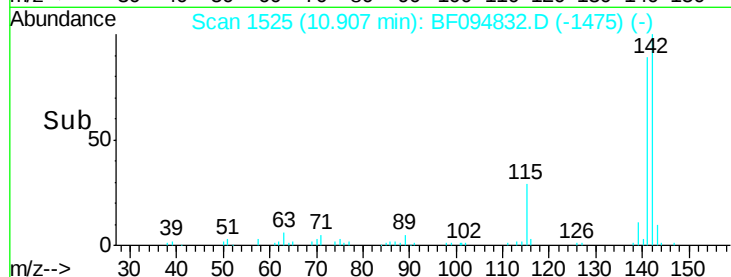
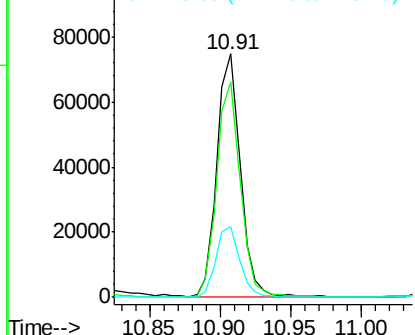
Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.7  | 71.3  | 106.9 |
| 115     | 29.1  | 27.1  | 40.7  |

Manual Integrations  
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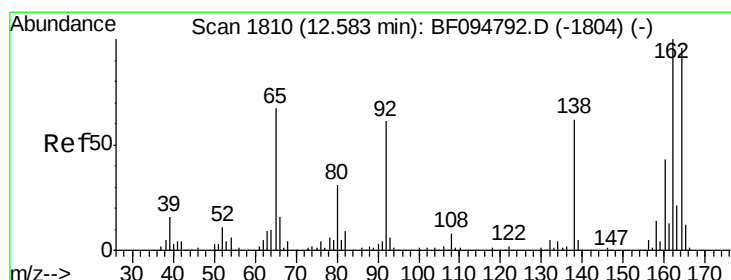


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



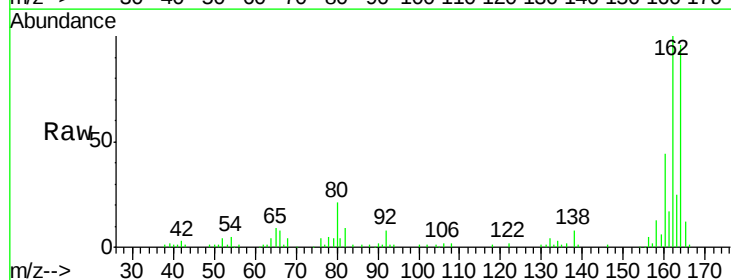
mohammad

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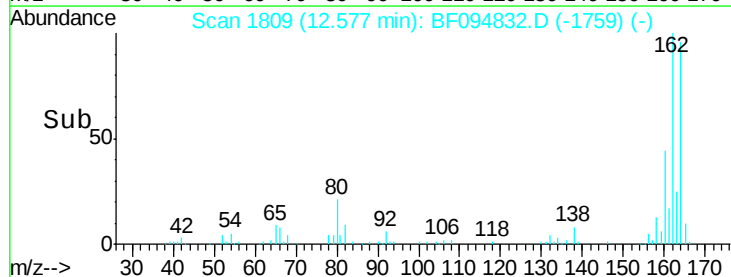
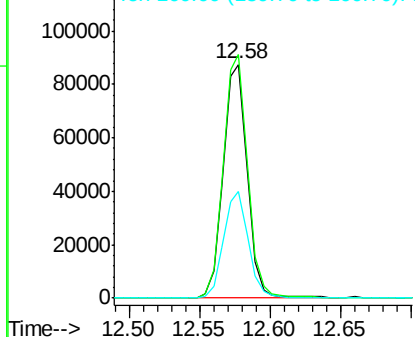


#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 12.58 min Scan# 1809  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.2 | 82.6  | 123.8 |
| 160     | 45.6  | 36.2  | 54.2  |



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



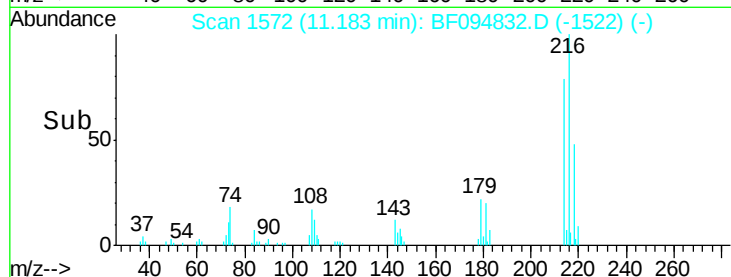
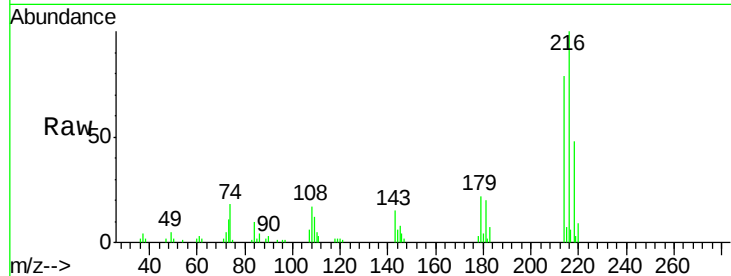


#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 9.437 ng  
 RT: 11.18 min Scan# 1572  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

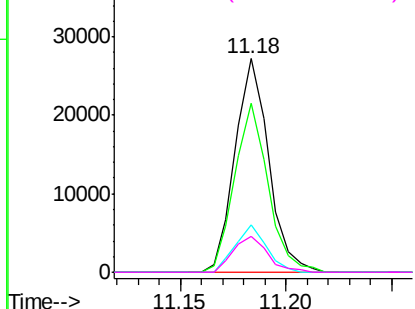
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.6  | 63.4  | 95.2  |
| 179     | 20.8  | 17.9  | 26.9  |
| 108     | 17.2  | 16.5  | 24.7  |

Manual Integrations  
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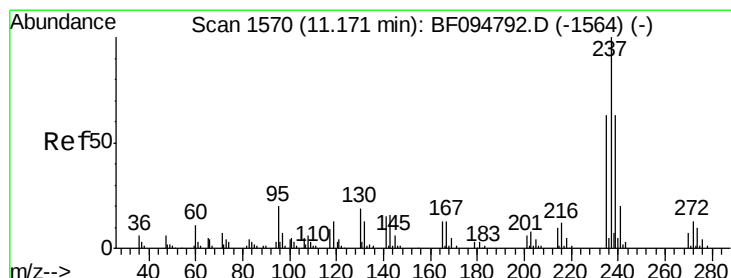


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E



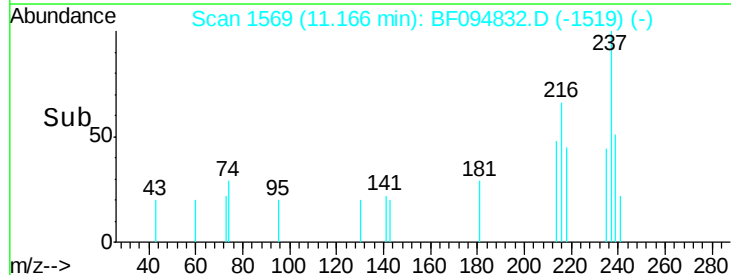
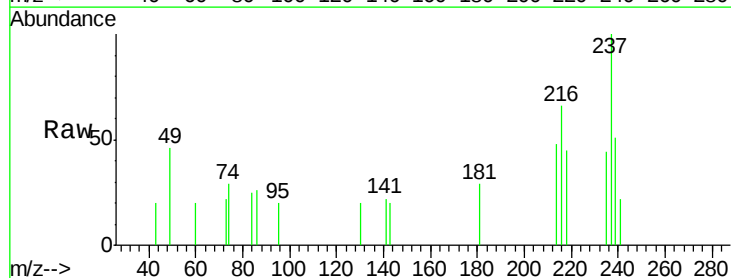
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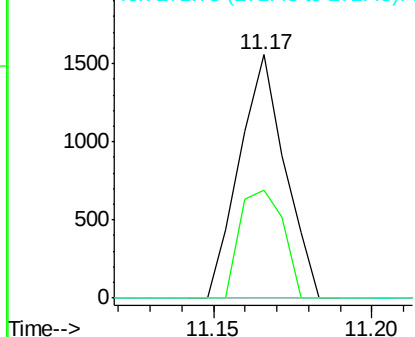


#40  
 Hexachlorocyclopentadiene  
 Concen: 7.126 ng  
 RT: 11.17 min Scan# 1569  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 44.3  | 42.6  | 82.6  |
| 272     | 0.0   | 0.0   | 31.9  |



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



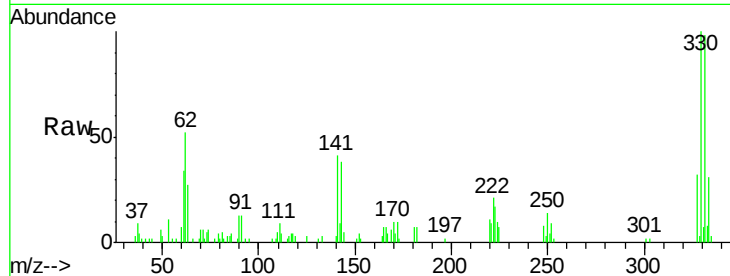


#41  
 2,4,6-Tribromophenol  
 Concen: 27.682 ng  
 RT: 13.87 min Scan# 2029  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

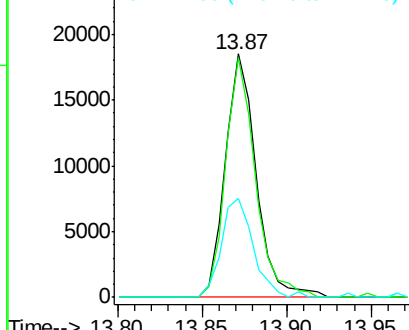
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.0  | 76.6  | 115.0 |
| 141     | 42.1  | 31.4  | 47.2  |

Manual Integrations  
 APPROVED

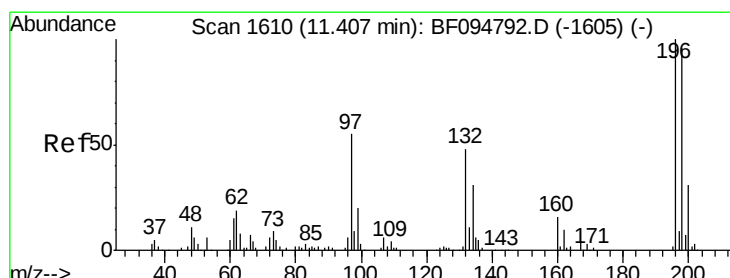
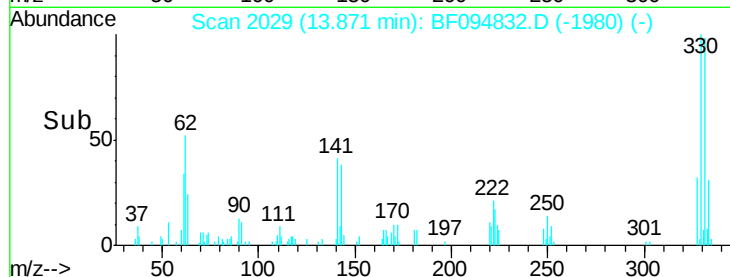


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E



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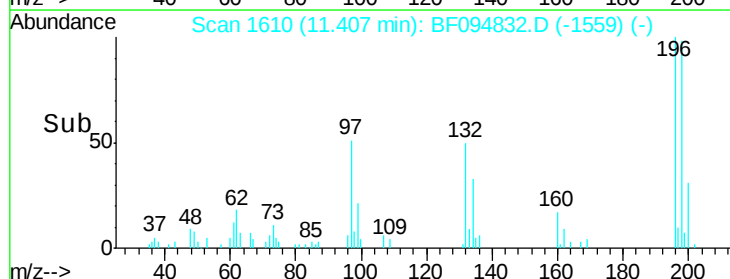
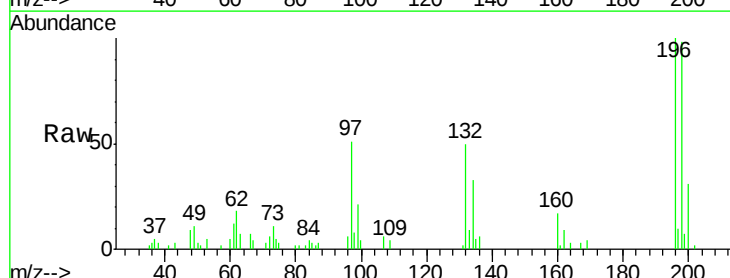
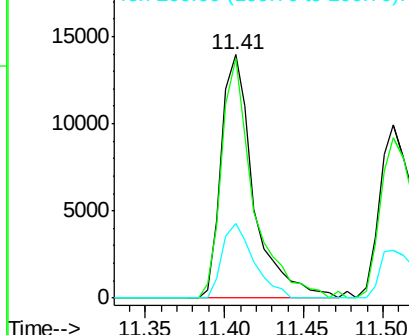
5/4/2017 1:45:40 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 9.381 ng  
 RT: 11.41 min Scan# 1610  
 Delta R.T. 0.00 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.5  | 74.2  | 111.4 |
| 200     | 30.6  | 24.0  | 36.0  |

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



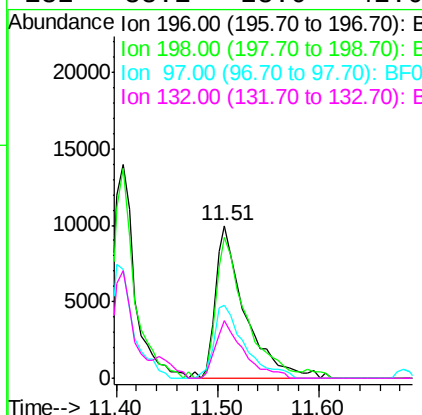
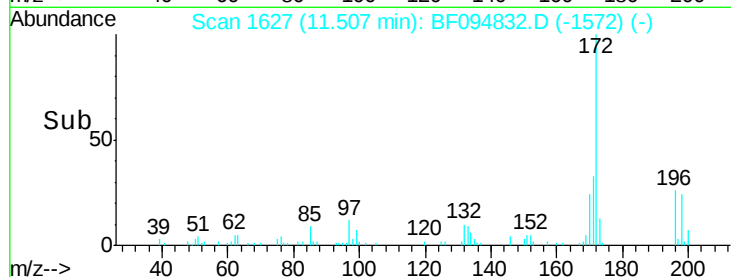
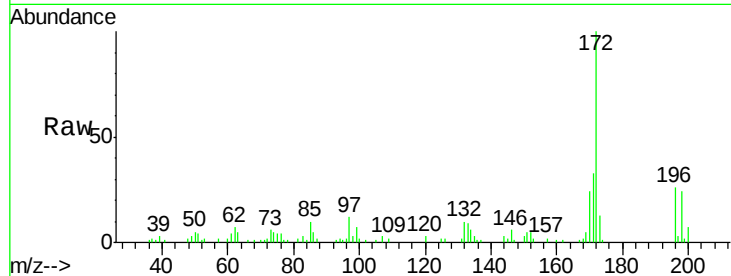


#43  
 2,4,5-Trichlorophenol  
 Concen: 8.857 ng  
 RT: 11.51 min Scan# 1627  
 Delta R.T. 0.02 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

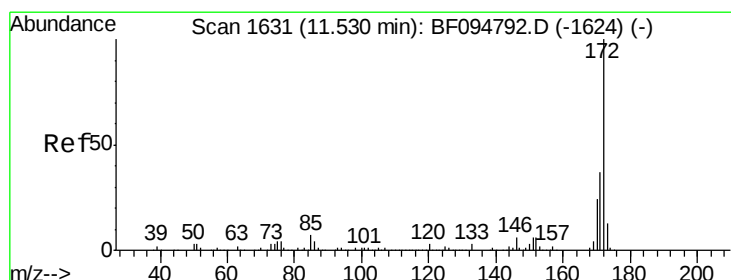
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 20215 |       |       |
| 198     | 92.0  | 75.7  | 113.5 |       |
| 97      | 47.5  | 47.7  | 71.5  |       |
| 132     | 38.1  | 28.0  | 42.0  |       |

Manual Integrations  
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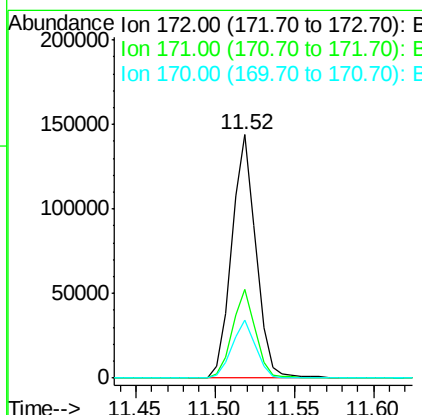
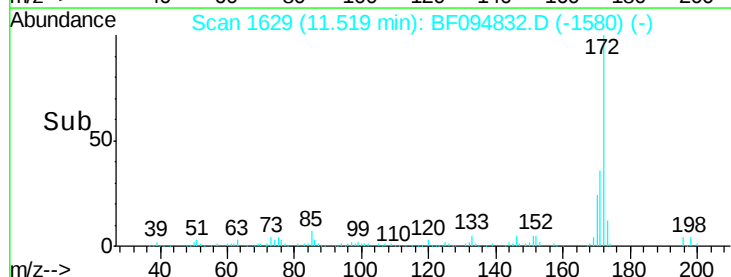
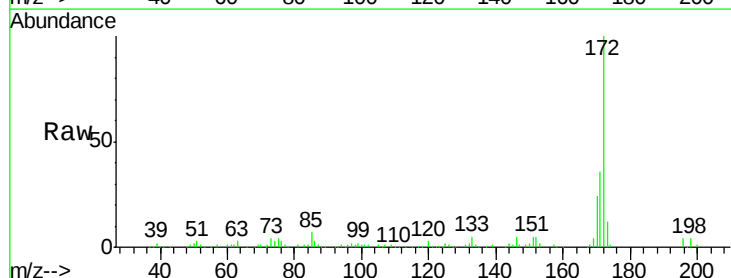
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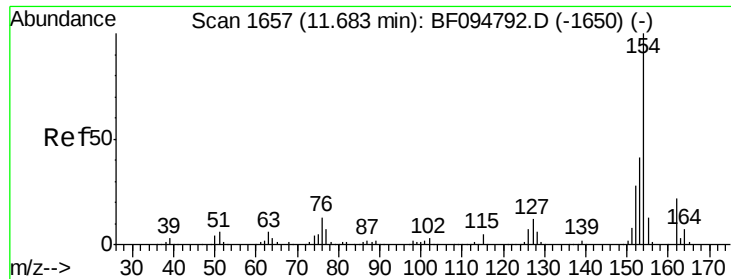
5/4/2017 1:45:40 PM



#44  
 2-Fluorobiphenyl  
 Concen: 21.203 ng  
 RT: 11.52 min Scan# 1629  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 152356 |       |       |
| 171     | 36.2  | 29.6   | 44.4  |       |
| 170     | 23.7  | 19.8   | 29.8  |       |



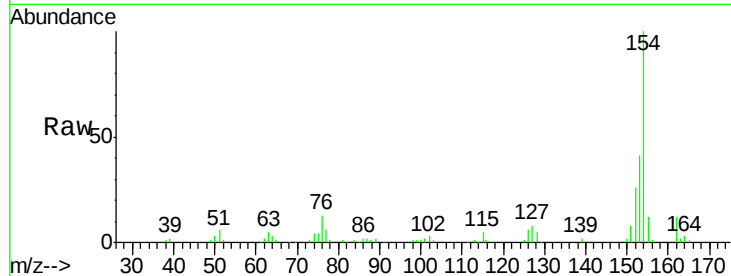


#45  
1,1'-Biphenyl  
Concen: 10.183 ng  
RT: 11.67 min Scan# 1655  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

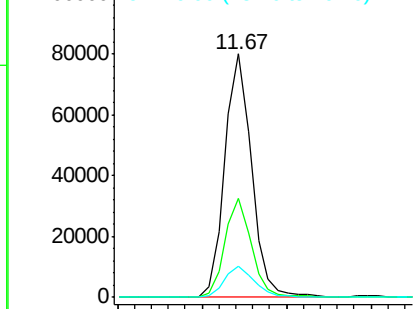
Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.9  | 21.2  | 61.2  |
| 76      | 12.6  | 0.0   | 29.9  |

Manual Integrations  
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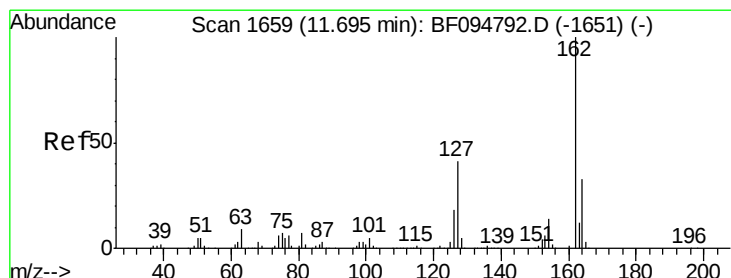
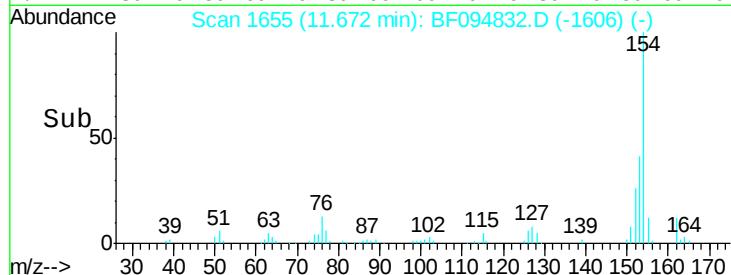


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF0



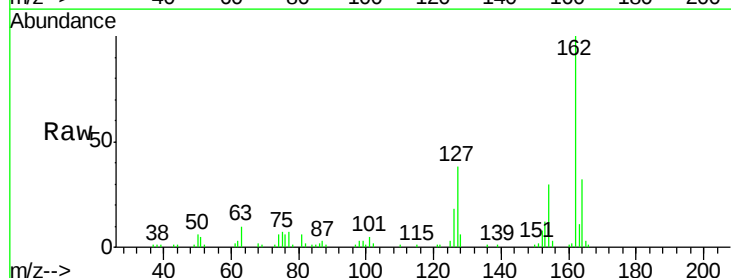
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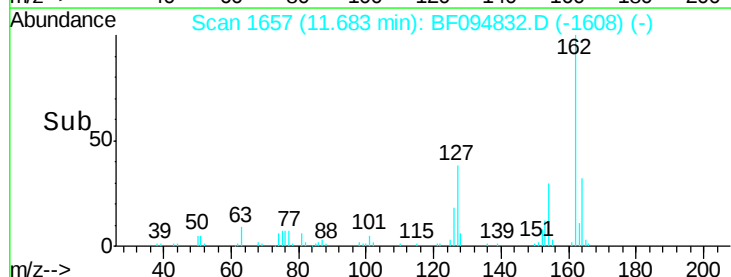
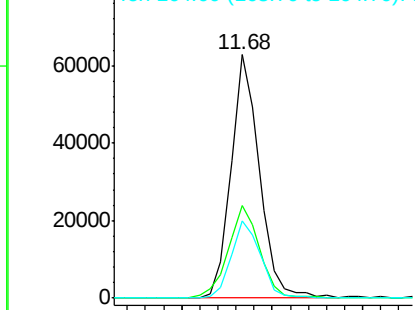


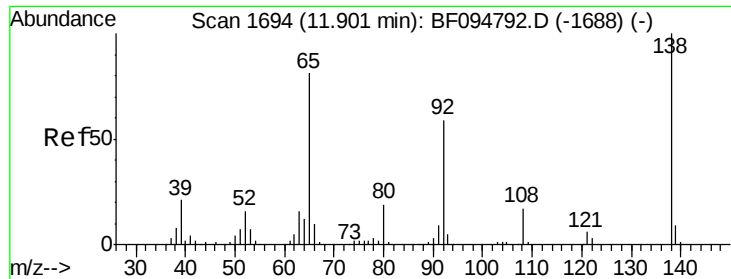
#46  
2-Chloronaphthalene  
Concen: 9.719 ng  
RT: 11.68 min Scan# 1657  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.0  | 28.3  | 42.5  |
| 164     | 31.7  | 27.0  | 40.4  |



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E



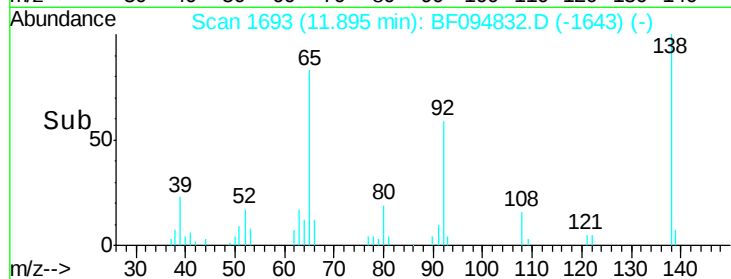
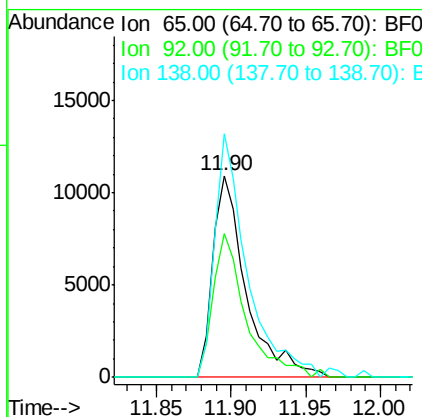
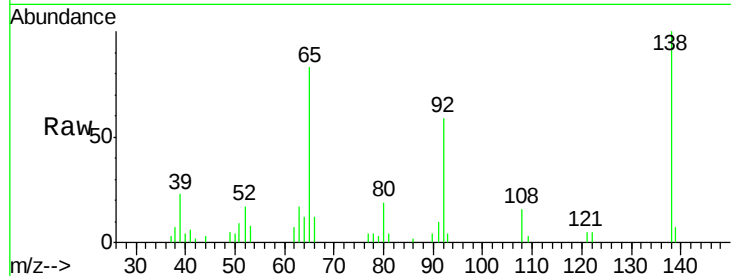


#47  
2-Nitroaniline  
Concen: 8.840 ng  
RT: 11.90 min Scan# 1693  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

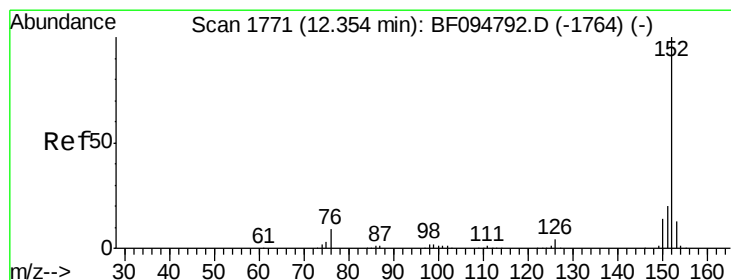
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.0  | 53.9  | 80.9  |
| 138     | 120.6 | 78.8  | 118.2 |

Manual Integrations  
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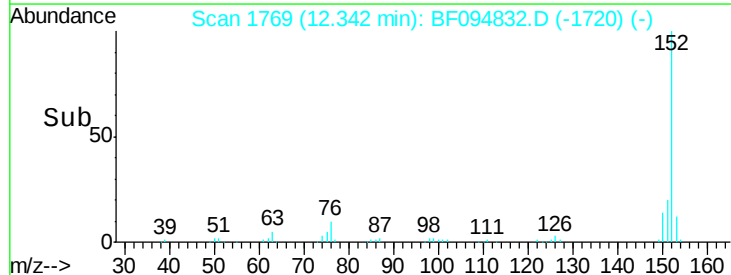
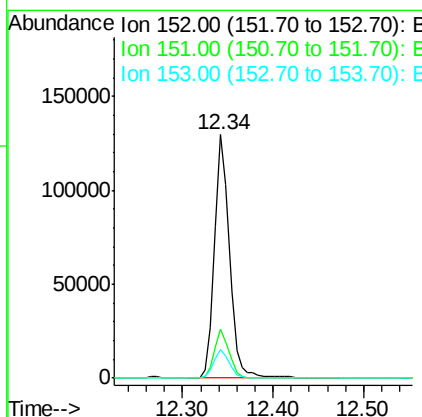
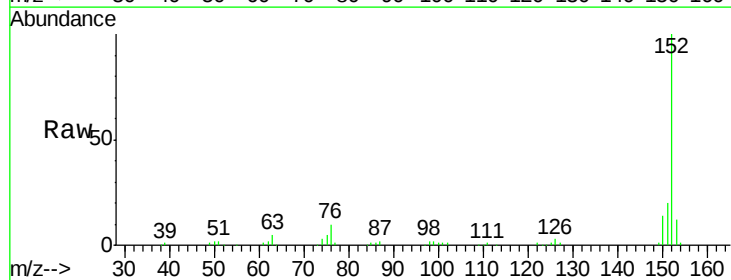
mohammad

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#48  
Acenaphthylene  
Concen: 13.708 ng  
RT: 12.34 min Scan# 1769  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 16.8  | 25.2  |
| 153     | 11.9  | 10.8  | 16.2  |



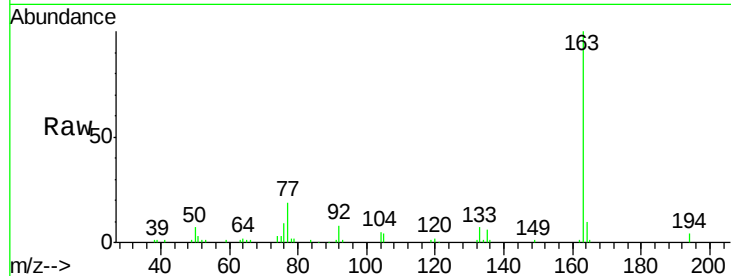


#49  
Dimethylphthalate  
Concen: 10.953 ng  
RT: 12.21 min Scan# 1746  
Delta R.T. -0.02 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.8   | 2.6        | 4.0        |
| 164     | 9.9   | 8.4        | 12.6       |

Manual Integrations  
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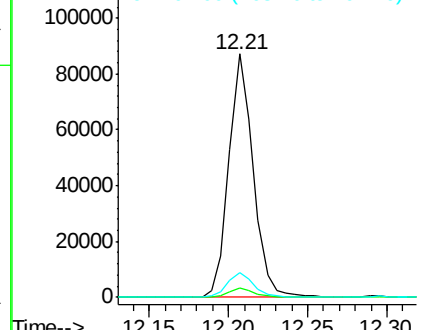


Abundance

Ion 163.00 (162.70 to 163.70): E

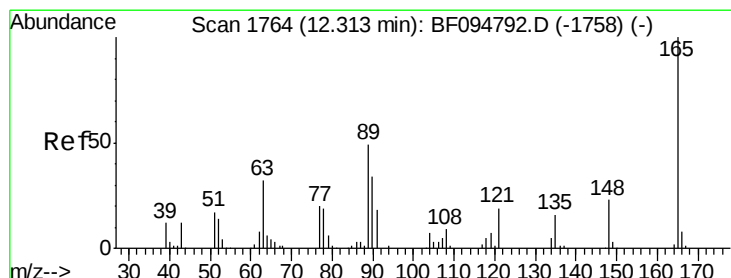
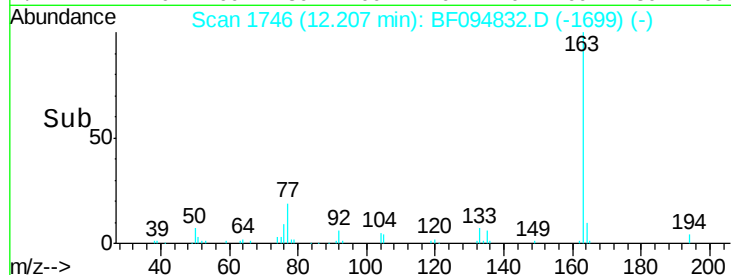
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



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#50  
2,6-Dinitrotoluene  
Concen: 9.029 ng  
RT: 12.30 min Scan# 1761  
Delta R.T. -0.02 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

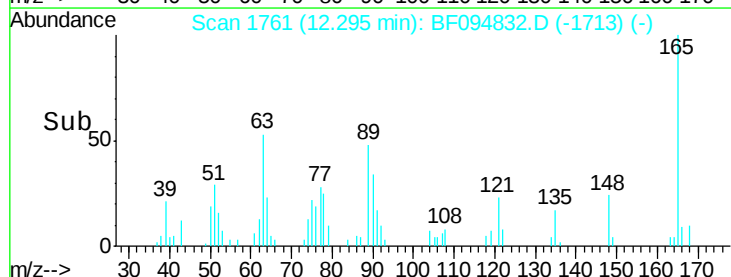
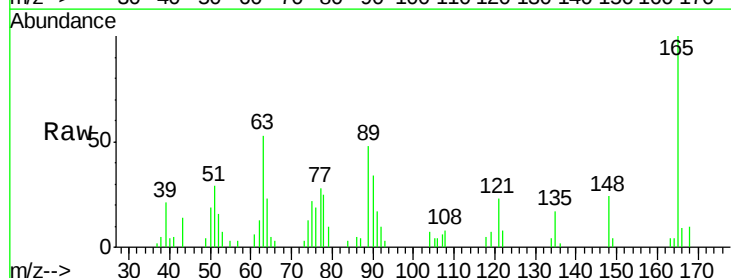
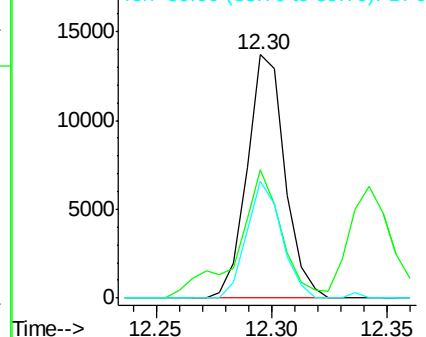
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 52.7  | 34.3       | 51.5#      |
| 89      | 47.8  | 37.1       | 55.7       |

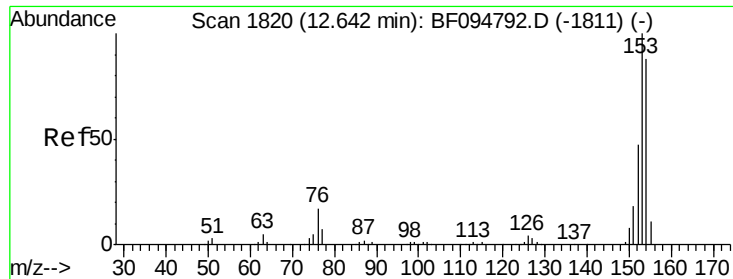
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 9.753 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

Instrument :

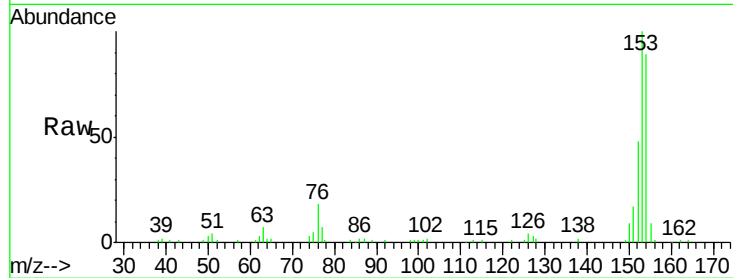
BNA\_F

ClientSampleId :

E2-V10-ESWMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 64154 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 112.5 | 90.5  | 135.7 |
| 152       | 54.4  | 43.6  | 65.4  |

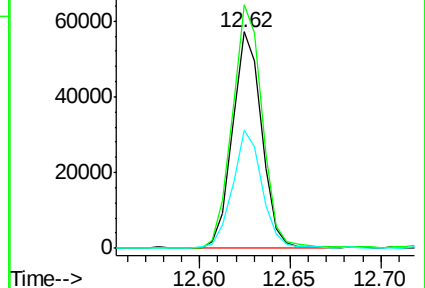
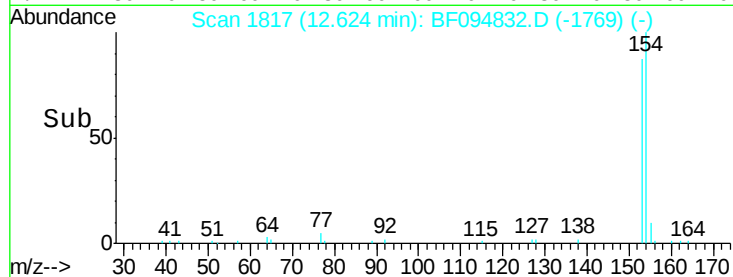
Manual Integrations  
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Abundance Ion 154.00 (153.70 to 154.70): E

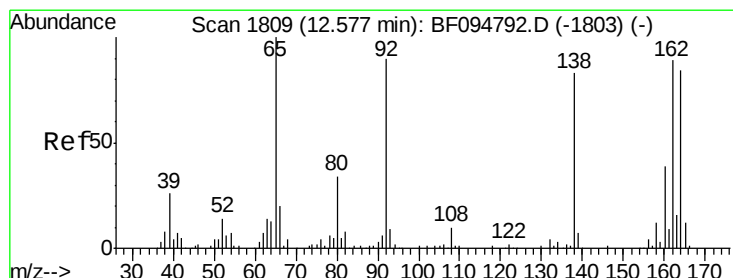
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



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#52

3-Nitroaniline

Concen: 7.325 ng

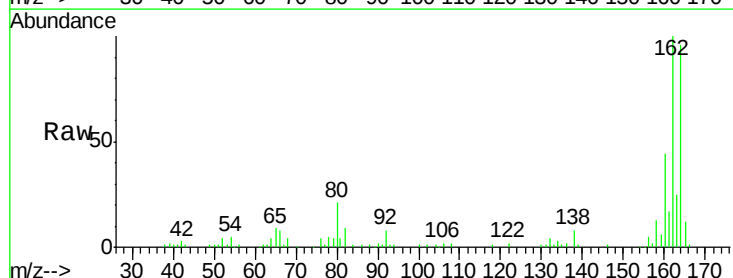
RT: 12.58 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

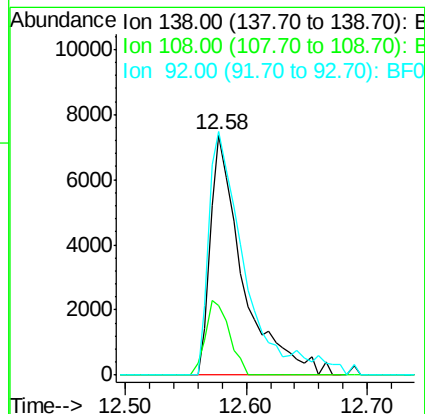
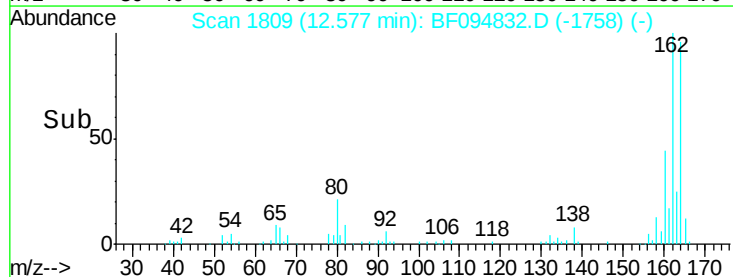
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 13618 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 29.1  | 9.1   | 13.7# |
| 92        | 101.5 | 93.8  | 140.6 |

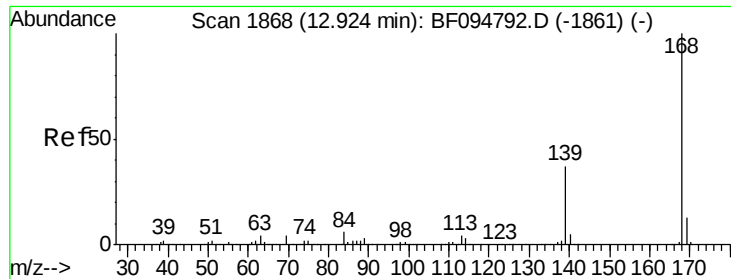


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



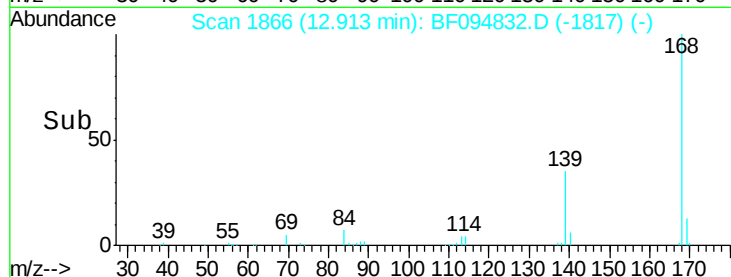
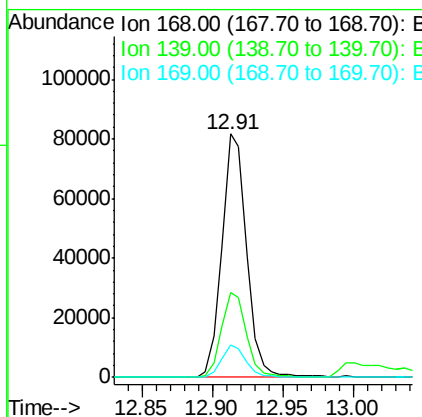
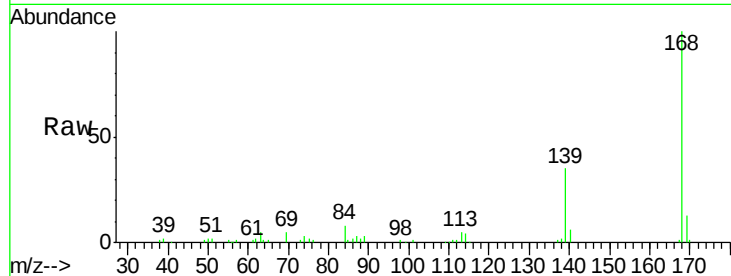


#54  
Dibenzenofuran  
Concen: 10.950 ng  
RT: 12.91 min Scan# 1866  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

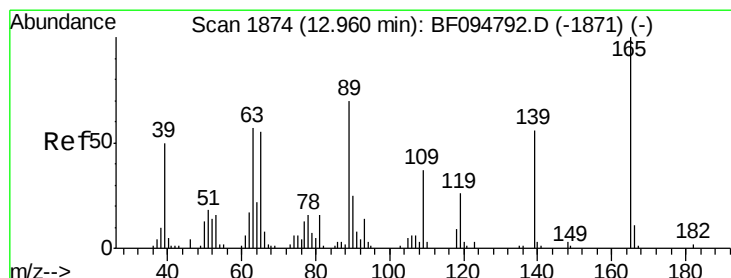
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 35.0  | 30.6  | 45.8  |
| 169     | 13.4  | 10.8  | 16.2  |

Manual Integrations  
APPROVED



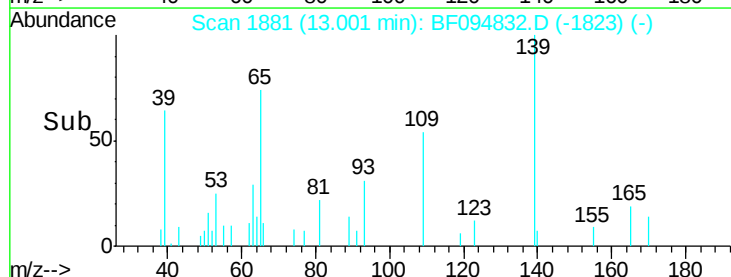
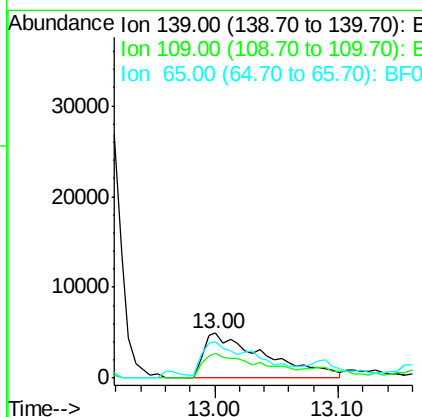
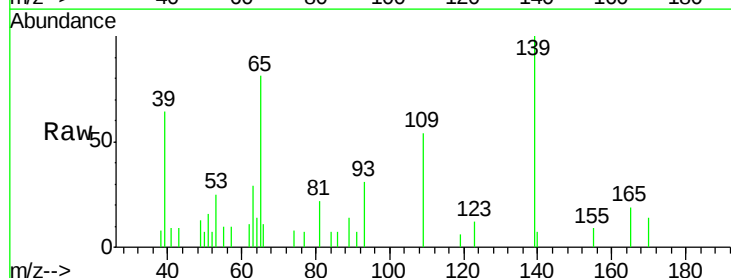
mohammad

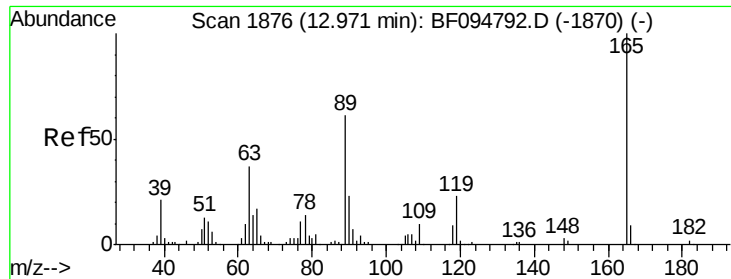
5/4/2017 1:45:40 PM



#55  
4-Nitrophenol  
Concen: 15.378 ng m  
RT: 13.00 min Scan# 1881  
Delta R.T. 0.04 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 54.3  | 34.1  | 74.1  |
| 65      | 81.5  | 31.4  | 71.4# |



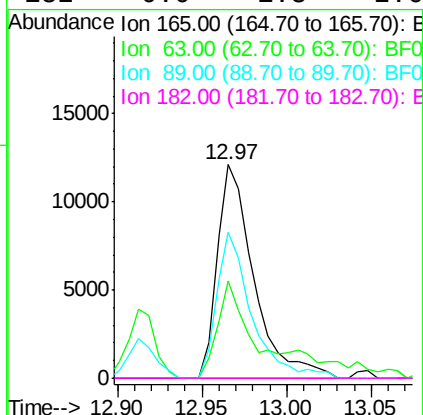
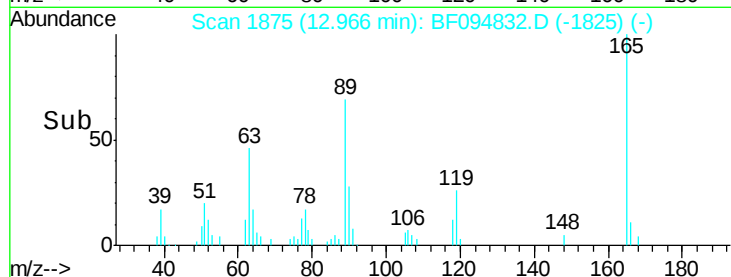
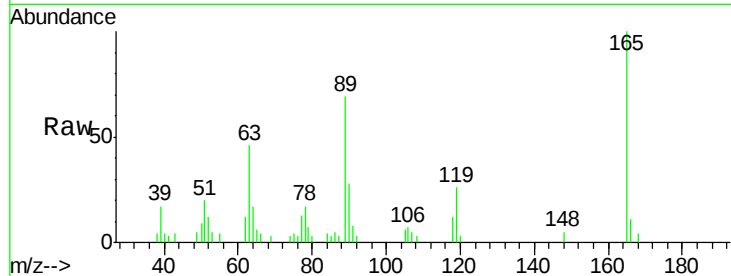


#56  
2,4-Dinitrotoluene  
Concen: 8.212 ng  
RT: 12.97 min Scan# 1875  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

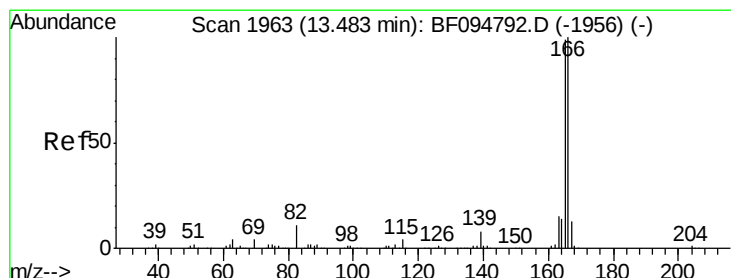
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 18278 |       |       |
| 63      | 45.9  | 25.4  | 38.0# |       |
| 89      | 68.6  | 46.4  | 69.6  |       |
| 182     | 0.0   | 1.8   | 2.6#  |       |

Manual Integrations  
APPROVED



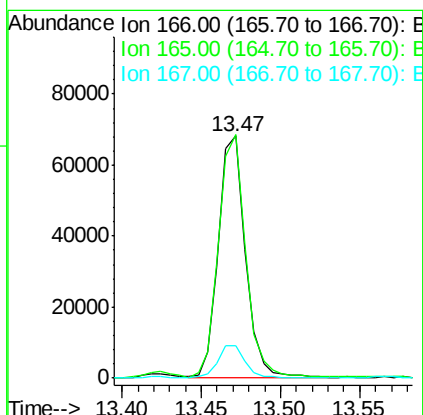
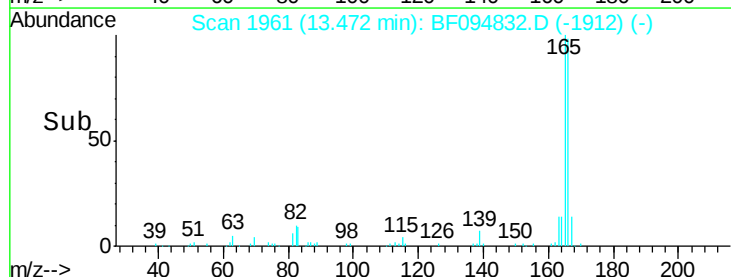
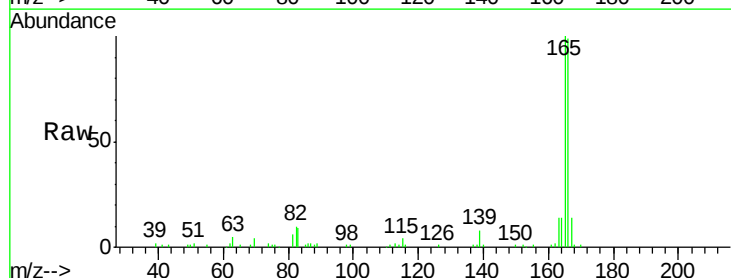
mohammad

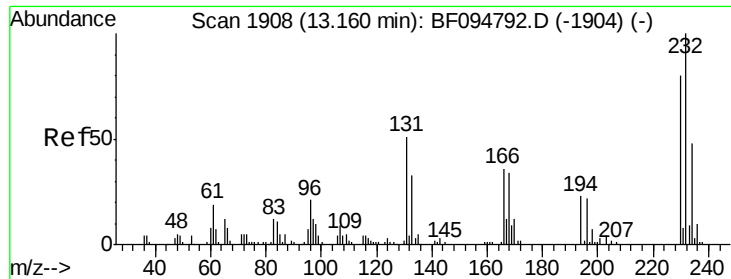
5/4/2017 1:45:40 PM



#57  
Fluorene  
Concen: 10.314 ng  
RT: 13.47 min Scan# 1961  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 166     | 100   | 81632 |       |       |
| 165     | 100.7 | 78.8  | 118.2 |       |
| 167     | 13.6  | 10.6  | 16.0  |       |





#58

2,3,4,6-Tetrachlorophenol

Concen: 10.201 ng

RT: 13.16 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

Instrument :

BNA\_F

ClientSampleId :

E2-V10-ESWMSD

Tgt Ion:232 Resp: 14653

Ion Ratio Lower Upper

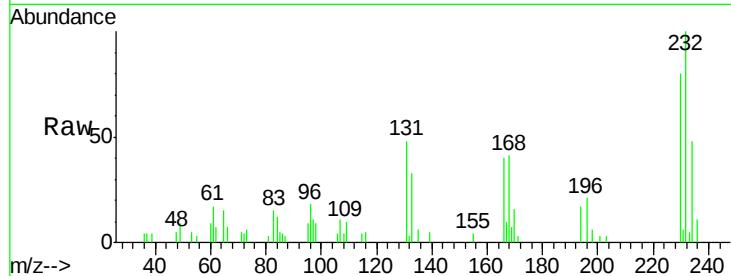
232 100

131 51.9 44.8 67.2

130 0.0 2.3 3.5#

166 33.4 29.0 43.4

Manual Integrations  
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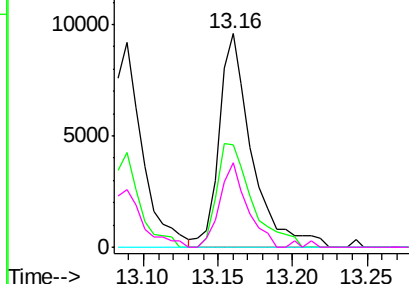
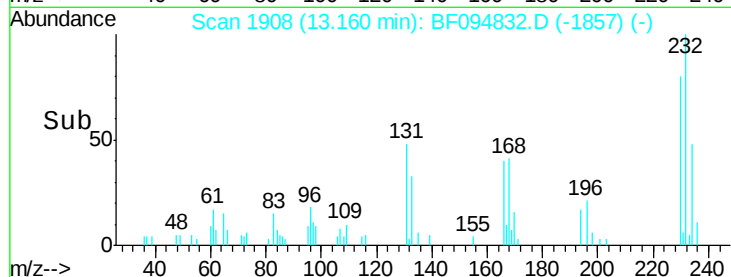


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

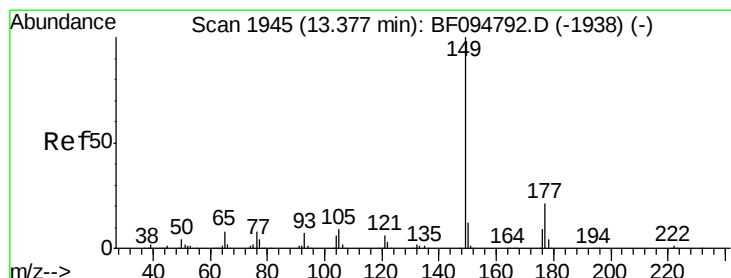
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



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#59

Diethylphthalate

Concen: 9.980 ng

RT: 13.36 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

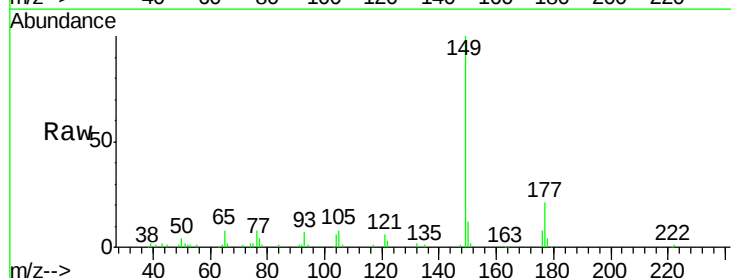
Tgt Ion:149 Resp: 81217

Ion Ratio Lower Upper

149 100

177 21.0 16.7 25.1

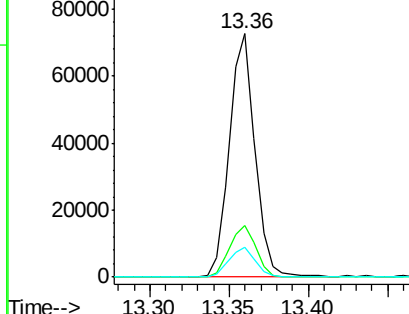
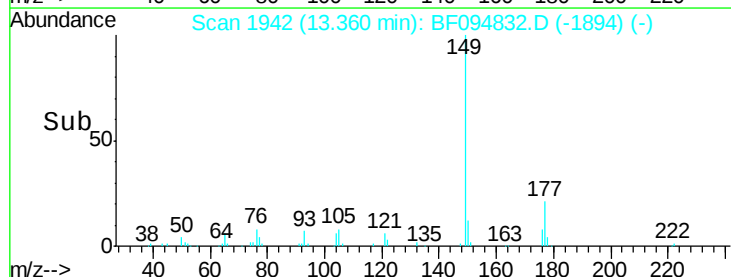
150 12.4 10.2 15.2

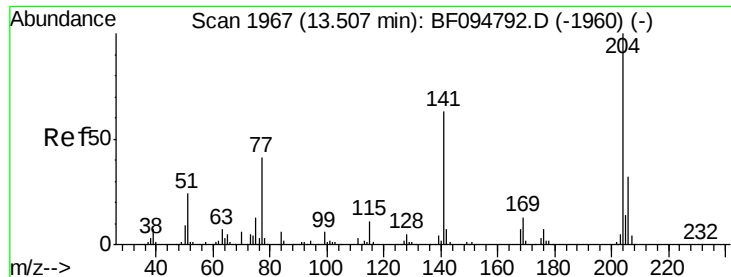


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



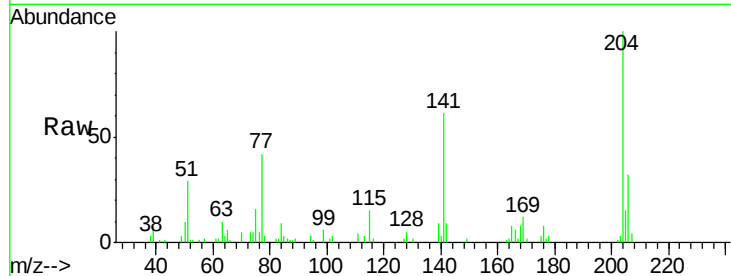


#60  
4-Chlorophenyl-phenylether  
Concen: 10.062 ng  
RT: 13.50 min Scan# 1965  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

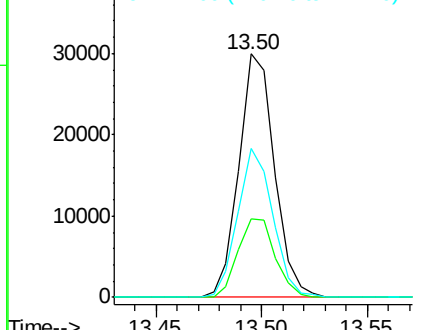
Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.2  | 26.2  | 39.2  |
| 141     | 61.1  | 60.8  | 91.2  |

Manual Integrations  
APPROVED

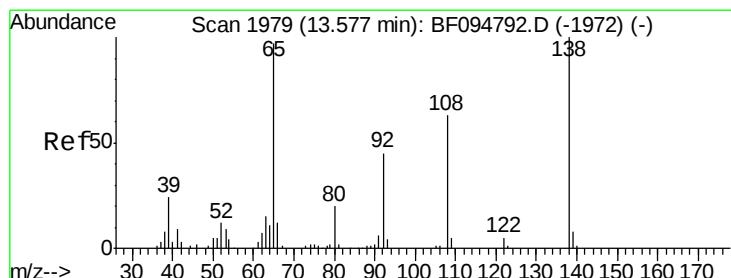
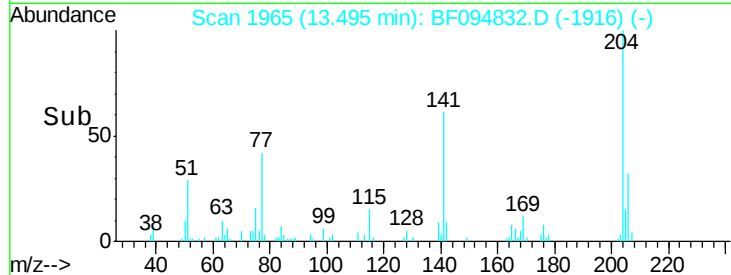


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E



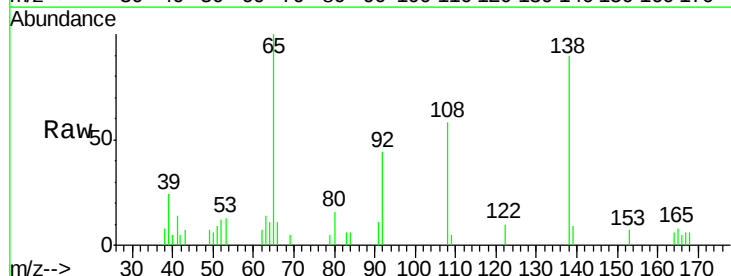
mohammad

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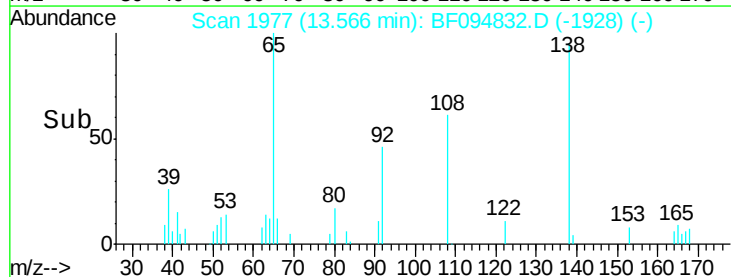
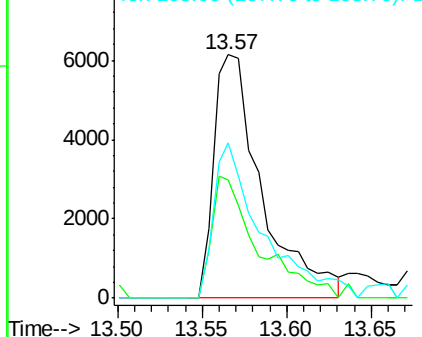


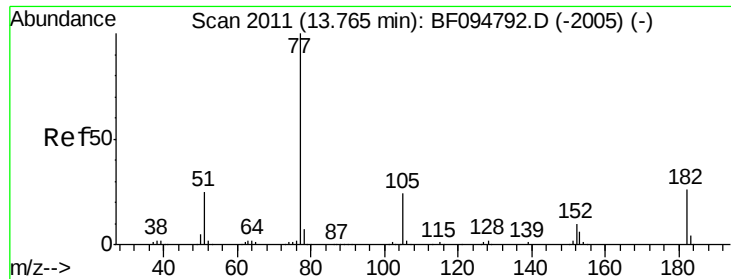
#61  
4-Nitroaniline  
Concen: 7.144 ng  
RT: 13.57 min Scan# 1977  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.6  | 21.8  | 61.8  |
| 108     | 63.9  | 42.3  | 82.3  |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 10.641 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

Instrument :

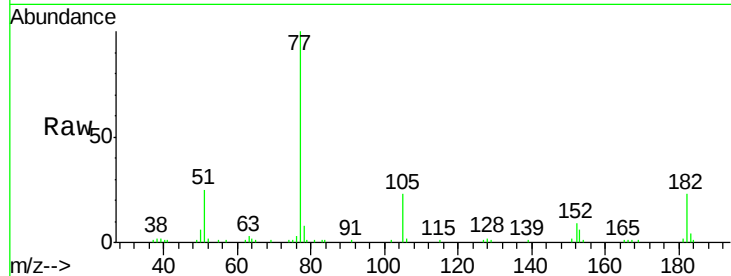
BNA\_F

ClientSampleId :

E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.4  | 0.1   | 40.1  |
| 105     | 23.3  | 3.6   | 43.6  |
| 51      | 25.4  | 9.4   | 49.4  |

Manual Integrations  
APPROVED

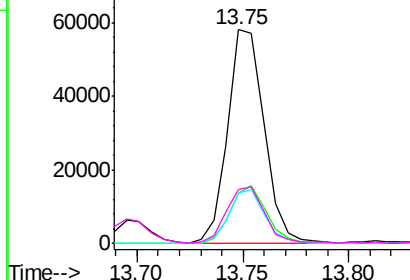
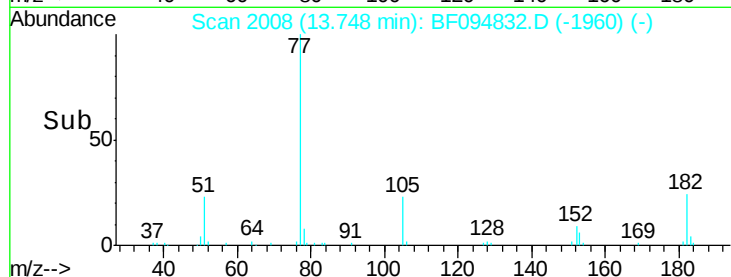


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

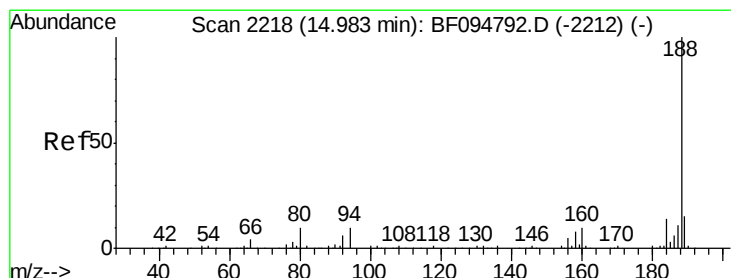
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



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#63

Phenanthrene-d10

Concen: 20.000 ng

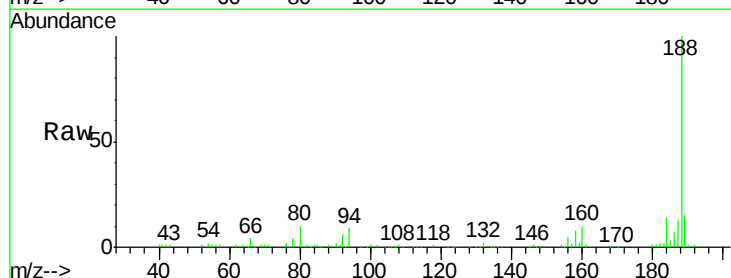
RT: 14.98 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

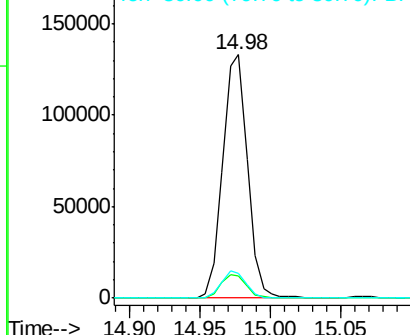
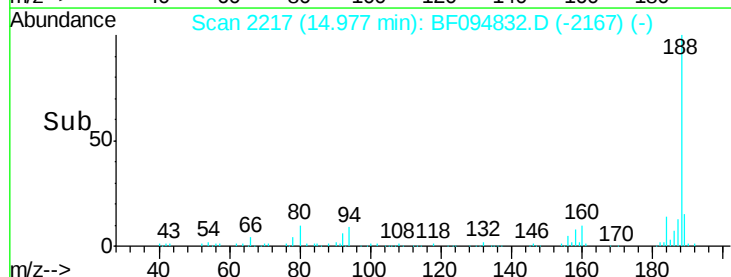
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.2   | 9.4   | 14.2# |
| 80      | 10.2  | 10.2  | 15.2  |

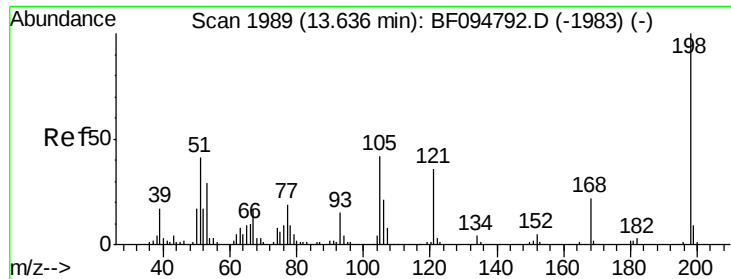


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 0.465 ng

RT: 13.65 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

Instrument :

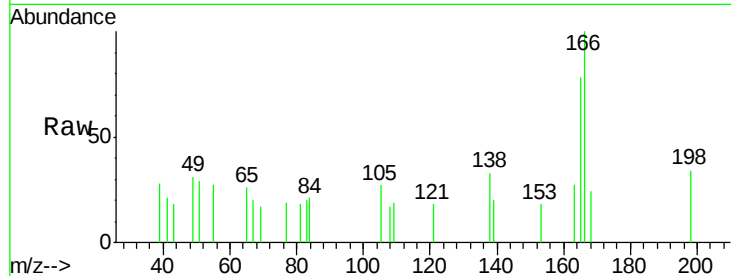
BNA\_F

ClientSampleId :

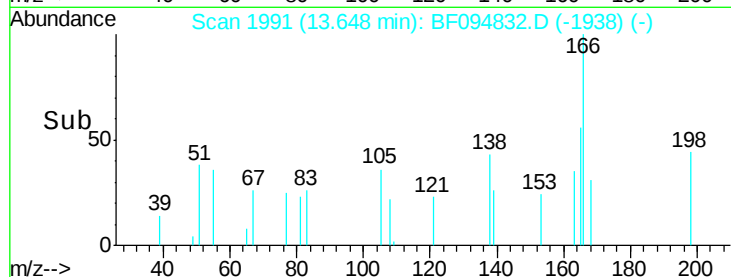
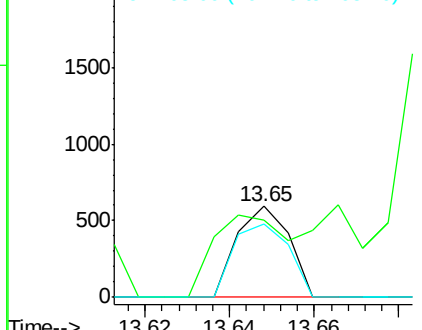
E2-V10-ESWMSD

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 198   | Resp: | 509  |
| Ion Ratio | Lower | Upper |      |
| 198       | 100   |       |      |
| 51        | 85.2  | 53.2  | 93.2 |
| 105       | 80.6  | 45.8  | 85.8 |

Manual Integrations  
APPROVED

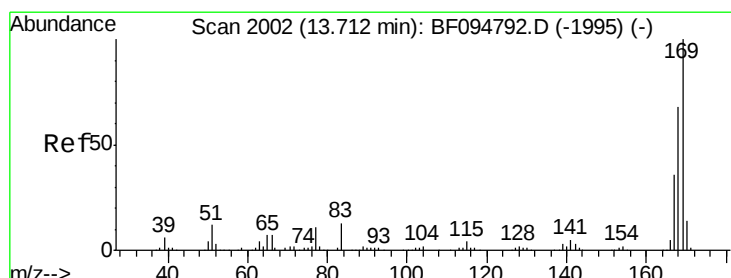


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 10.896 ng

RT: 13.70 min Scan# 2000

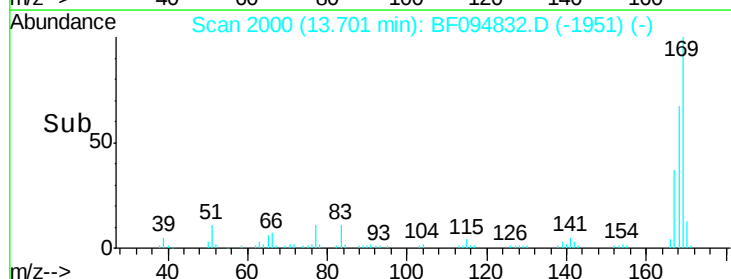
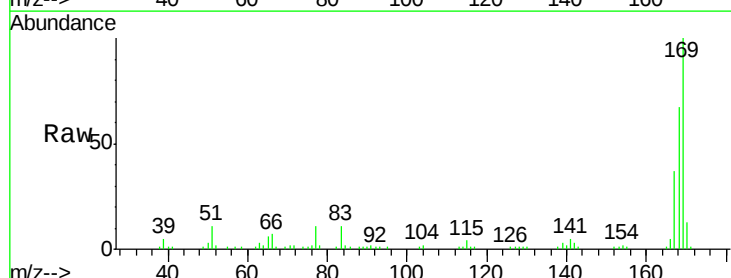
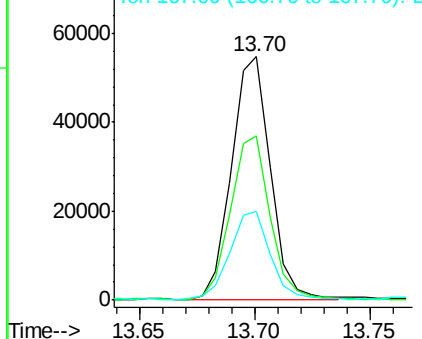
Delta R.T. -0.01 min

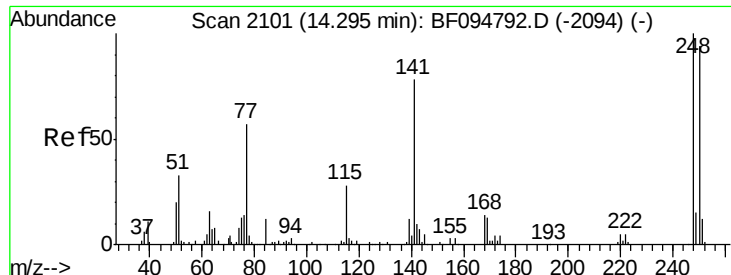
Lab File: BF094832.D

Acq: 3 May 2017 13:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 169   | Resp: | 64572 |
| Ion Ratio | Lower | Upper |       |
| 169       | 100   |       |       |
| 168       | 67.2  | 53.2  | 79.8  |
| 167       | 36.6  | 29.5  | 44.3  |

Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



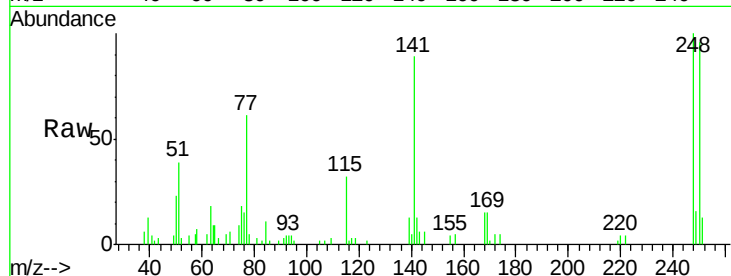


#66  
4-Bromophenyl-phenylether  
Concen: 10.429 ng  
RT: 14.28 min Scan# 2099  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

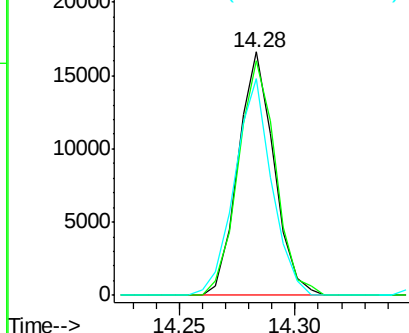
Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.3  | 76.8  | 115.2 |
| 141     | 89.2  | 68.6  | 103.0 |

Manual Integrations  
APPROVED

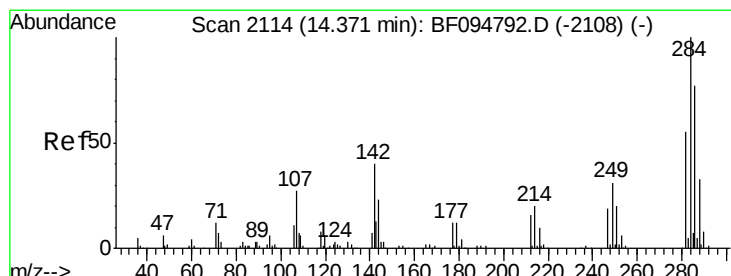
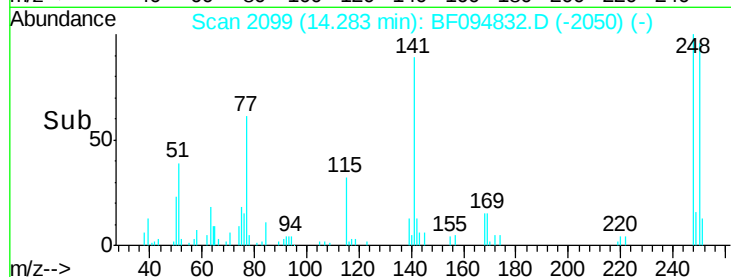


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E



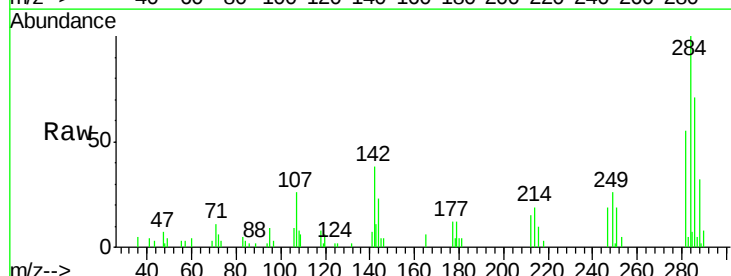
mohammad

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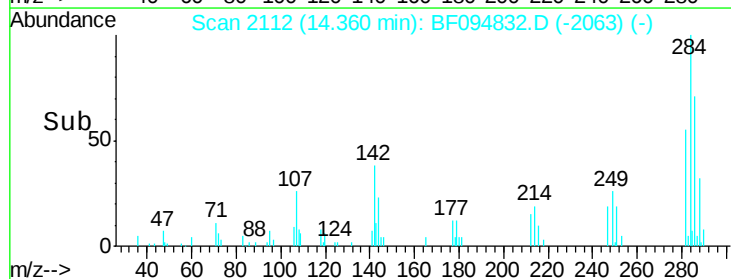
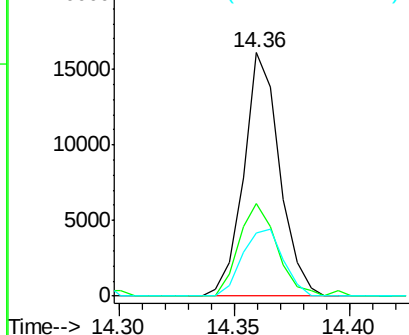


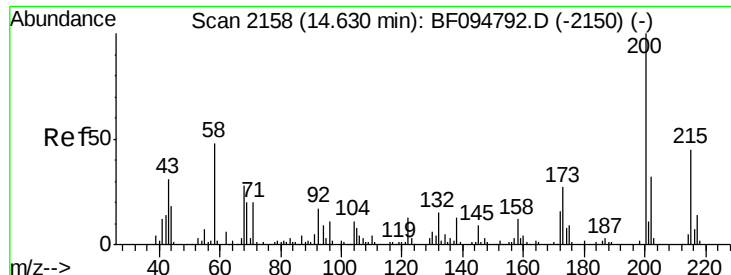
#67  
Hexachlorobenzene  
Concen: 9.888 ng  
RT: 14.36 min Scan# 2112  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 38.1  | 22.8  | 34.2# |
| 249     | 25.7  | 24.0  | 36.0  |



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



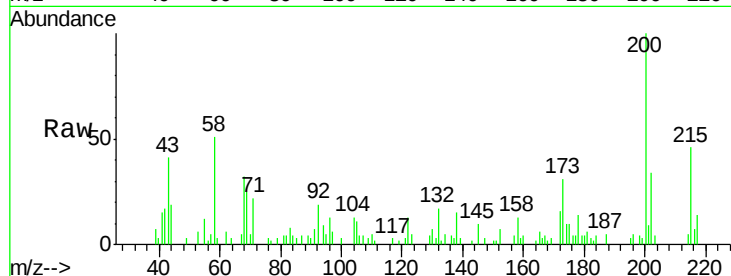


#68  
 Atrazine  
 Concen: 11.133 ng  
 RT: 14.61 min Scan# 2154  
 Delta R.T. -0.02 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

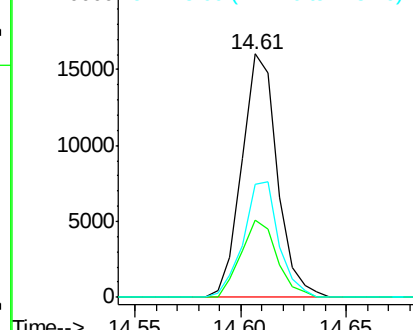
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 31.5  | 6.3   | 46.3  |
| 215     | 46.3  | 27.2  | 67.2  |

Manual Integrations  
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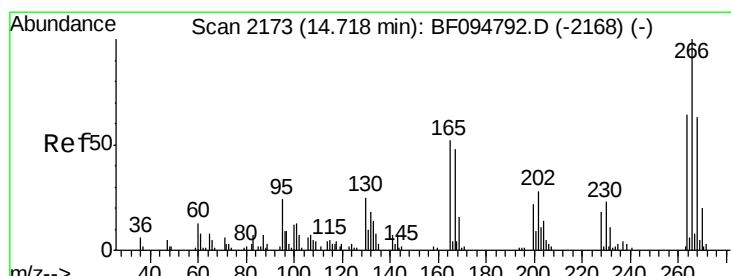
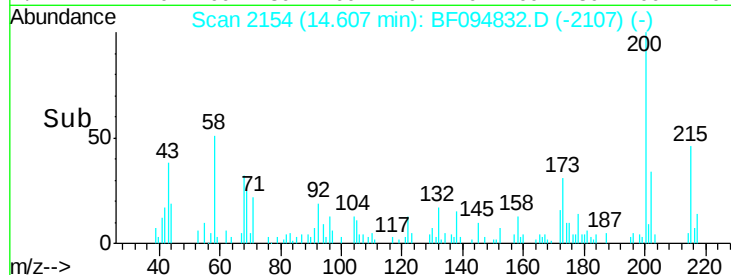


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E



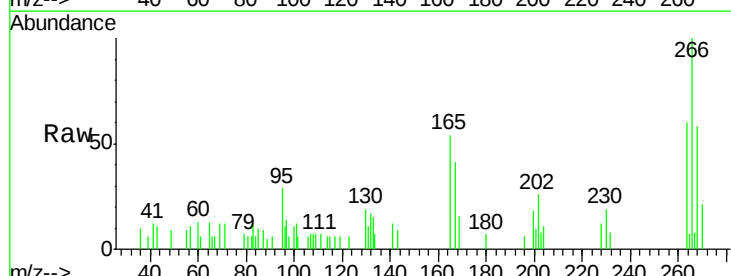
mohammad

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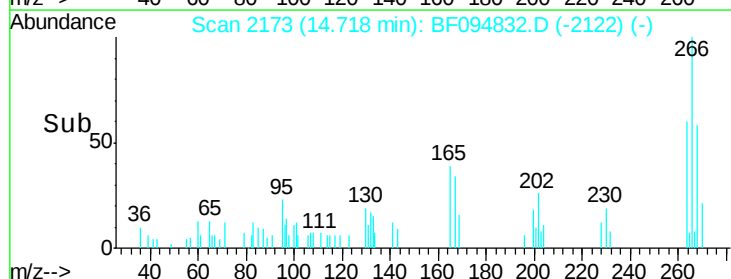
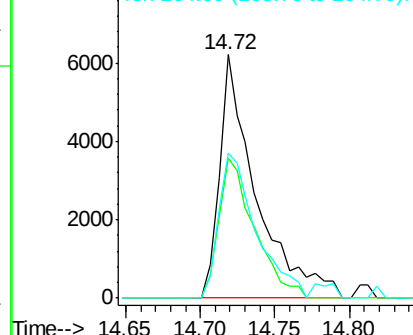


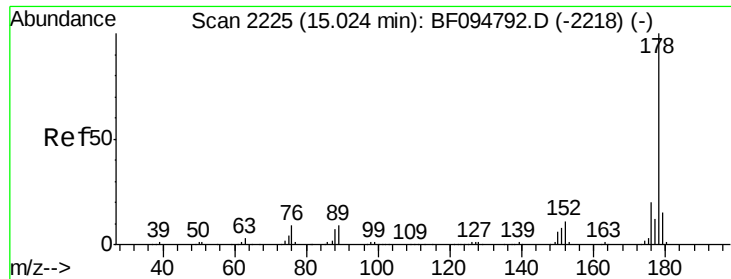
#69  
 Pentachlorophenol  
 Concen: 18.121 ng  
 RT: 14.72 min Scan# 2173  
 Delta R.T. 0.00 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 57.6  | 51.1  | 76.7  |
| 264     | 59.5  | 51.7  | 77.5  |



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



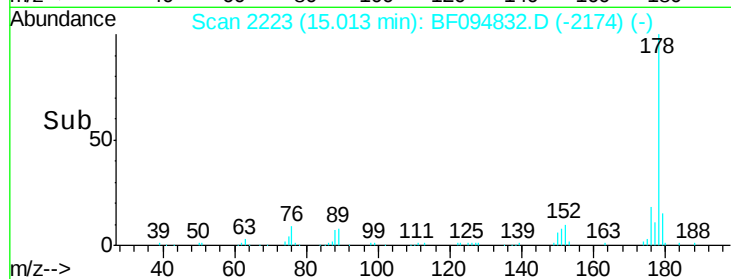
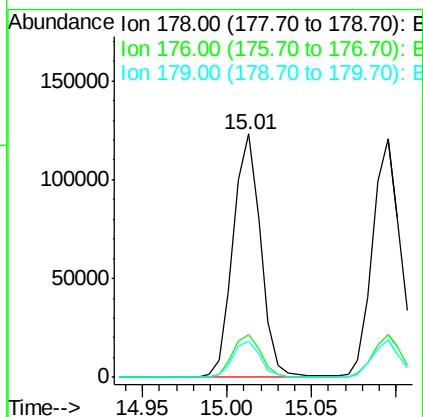
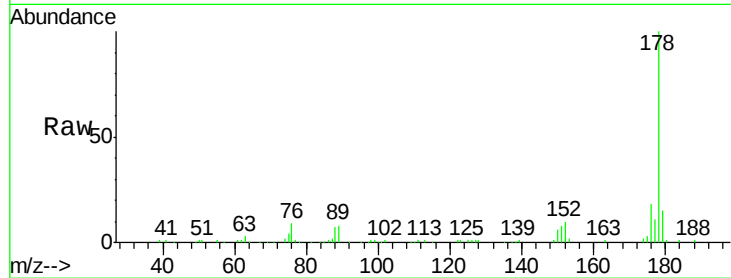


#70  
Phenanthrene  
Concen: 14.949 ng  
RT: 15.01 min Scan# 2223  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

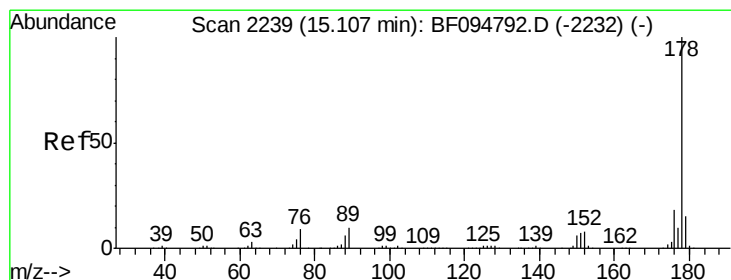
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.7  | 16.2  | 24.4  |
| 179     | 14.8  | 12.6  | 19.0  |

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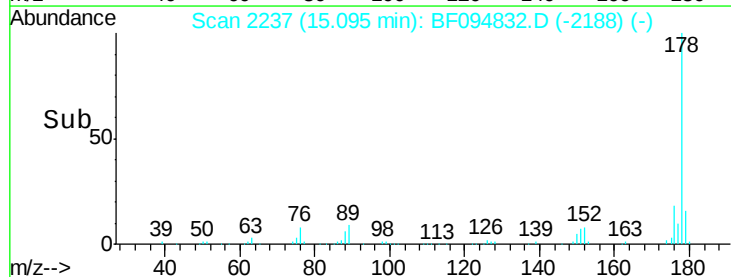
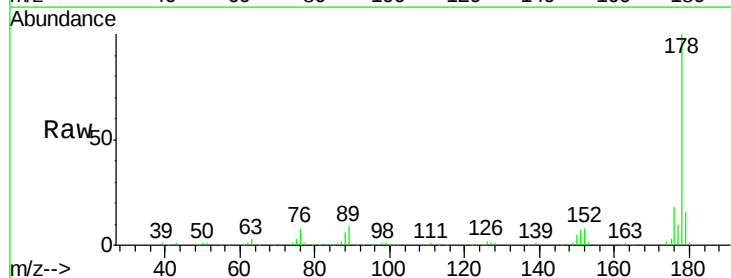
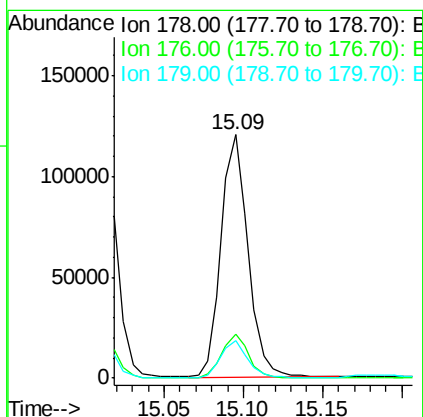
mohammad

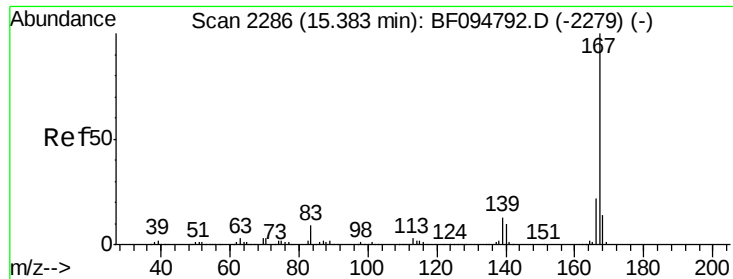
5/4/2017 1:45:40 PM



#71  
Anthracene  
Concen: 14.828 ng  
RT: 15.09 min Scan# 2237  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.9  | 15.8  | 23.8  |
| 179     | 15.7  | 12.7  | 19.1  |



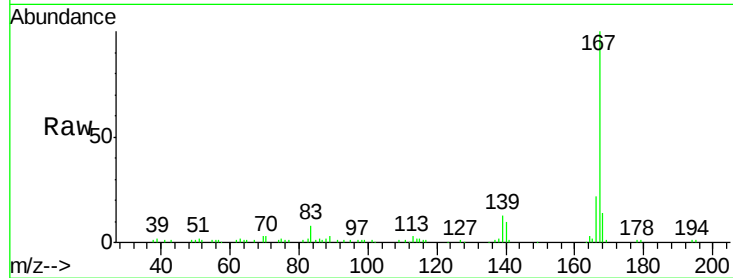


#72  
 Carbazole  
 Concen: 10.935 ng  
 RT: 15.38 min Scan# 2285  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

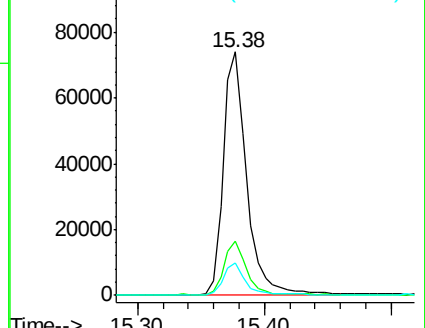
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 167   | Resp: | 95351 |
| Ion Ratio | Lower | Upper |       |
| 167       | 100   |       |       |
| 166       | 22.4  | 18.1  | 27.1  |
| 139       | 13.2  | 11.7  | 17.5  |

Manual Integrations  
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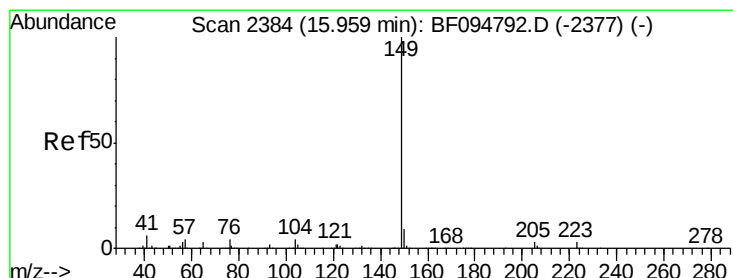
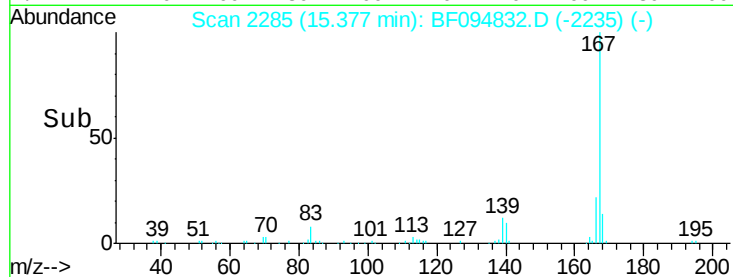


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E



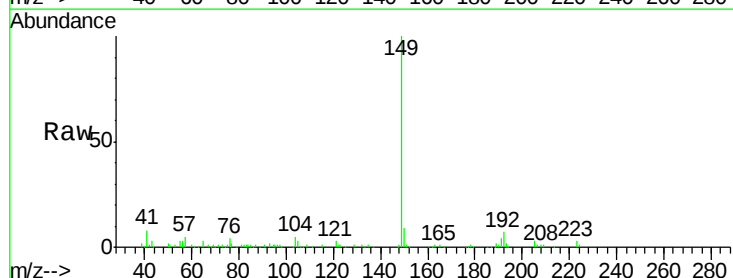
mohammad

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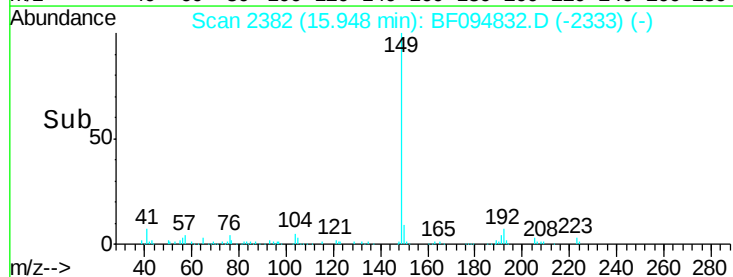
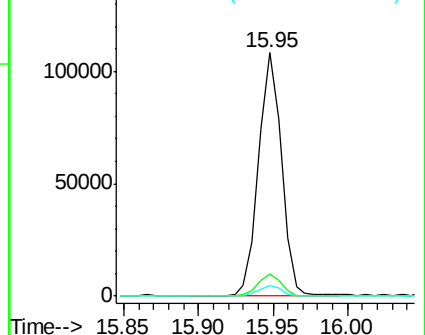


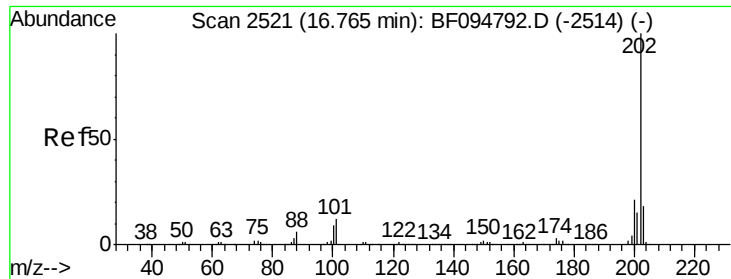
#73  
 Di-n-butylphthalate  
 Concen: 10.578 ng  
 RT: 15.95 min Scan# 2382  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 115027 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.1   | 7.7   | 11.5   |
| 104       | 4.5   | 4.0   | 6.0    |



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





#74

Fluoranthene

Concen: 30.193 ng

RT: 16.75 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF094832.D

Acq: 3 May 2017 13:08

Instrument :

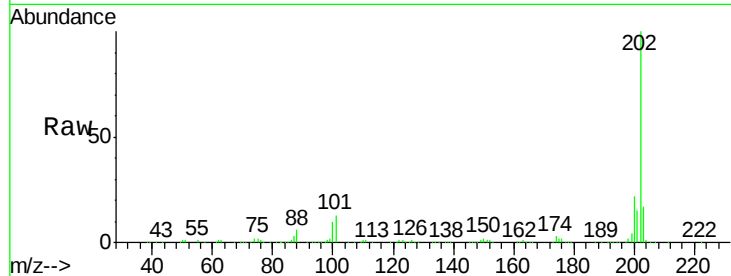
BNA\_F

ClientSampleId :

E2-V10-ESWMSD

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 12.6  | 0.0        | 33.2  |
| 203     | 17.4  | 0.0        | 38.1  |

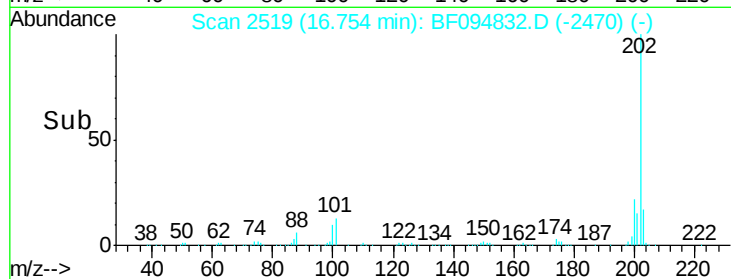
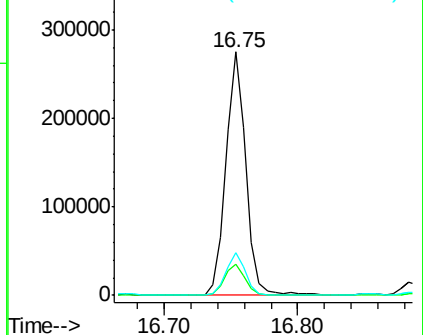
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Abundance Ion 202.00 (201.70 to 202.70): E

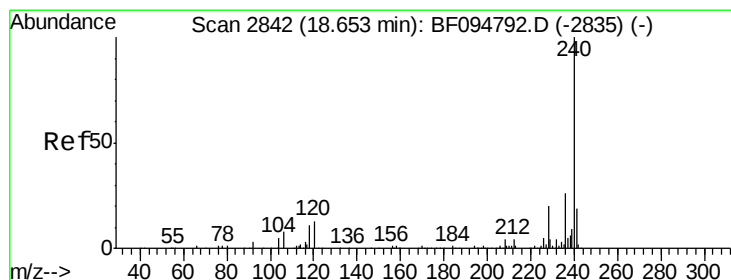
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094832.D

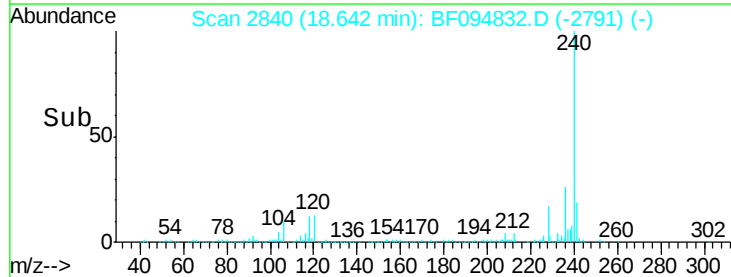
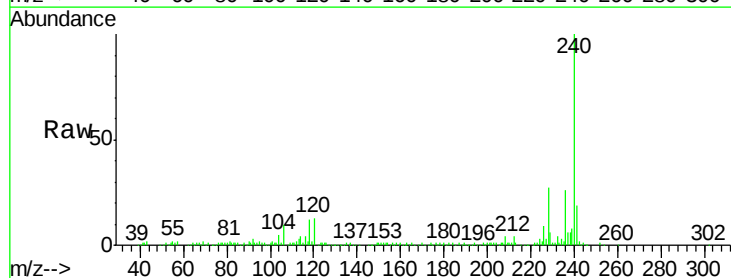
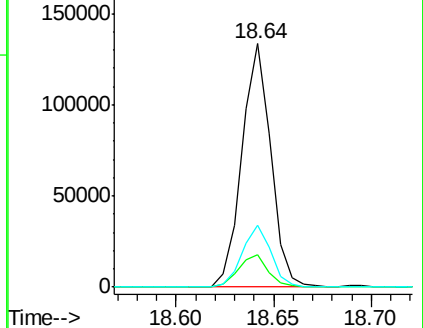
Acq: 3 May 2017 13:08

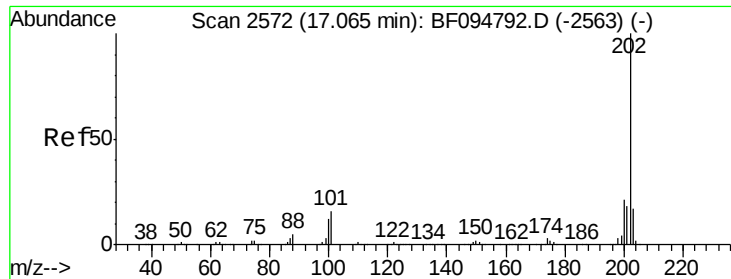
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 13.4  | 5.8        | 8.8#  |
| 236     | 25.6  | 20.5       | 30.7  |

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



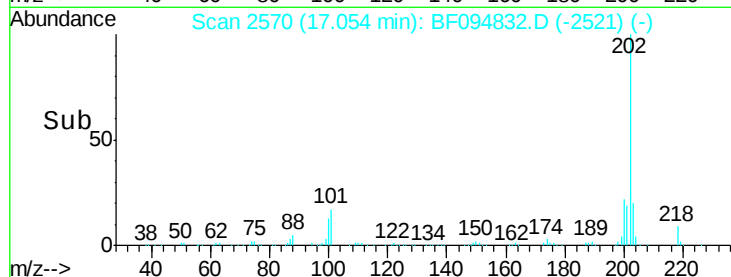
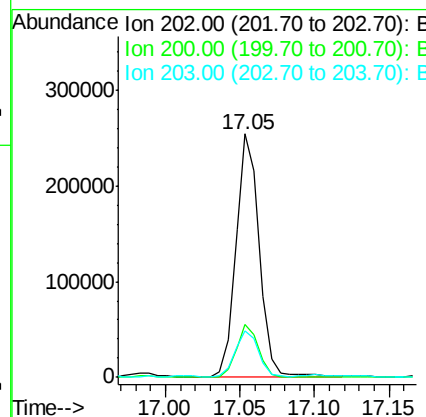
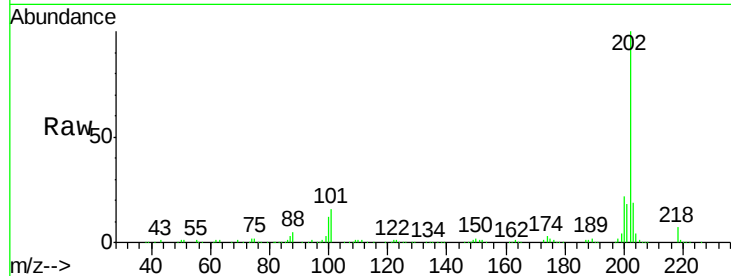


#77  
 Pyrene  
 Concen: 27.015 ng  
 RT: 17.05 min Scan# 2570  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

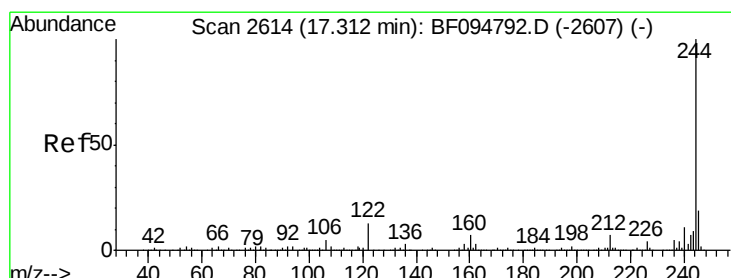
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 21.9  | 17.6       | 26.4       |
| 203     | 19.2  | 14.4       | 21.6       |

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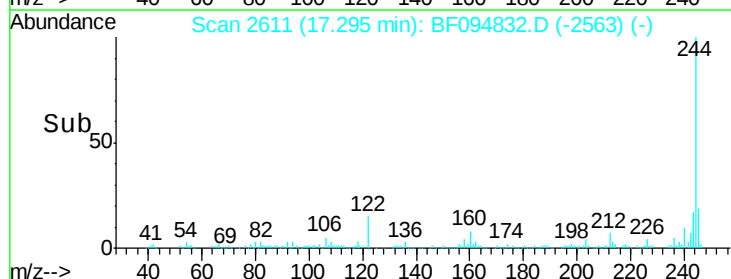
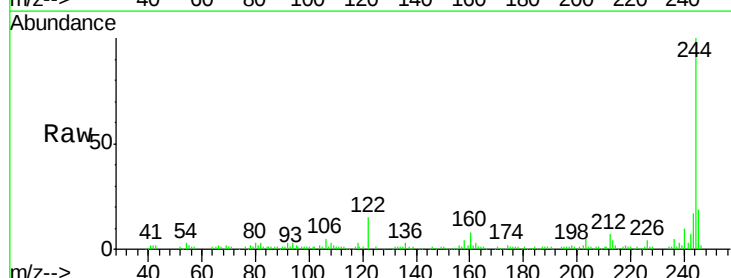
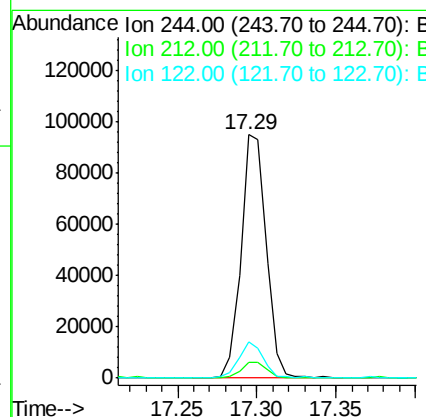
mohammad

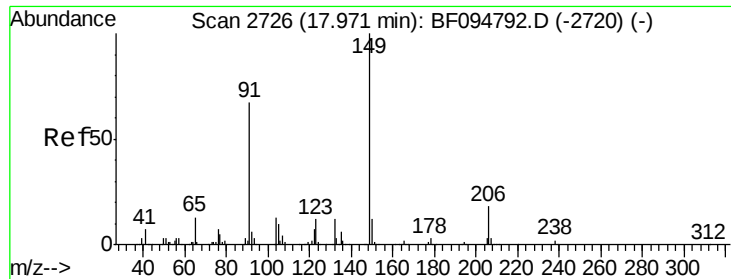
5/4/2017 1:45:40 PM



#78  
 Terphenyl-d14  
 Concen: 16.759 ng  
 RT: 17.29 min Scan# 2611  
 Delta R.T. -0.02 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 6.7   | 6.0        | 9.0        |
| 122     | 14.9  | 10.3       | 15.5       |



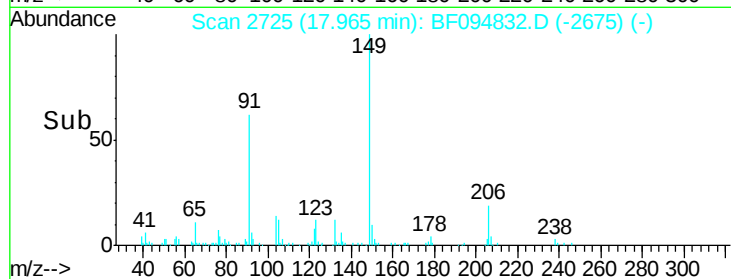
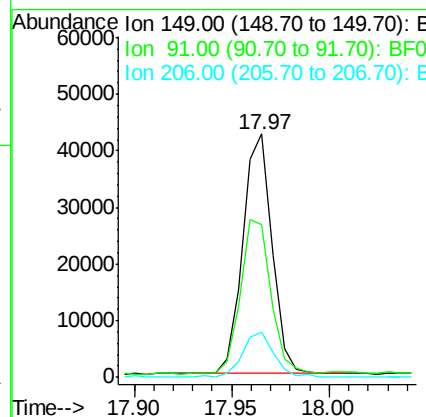
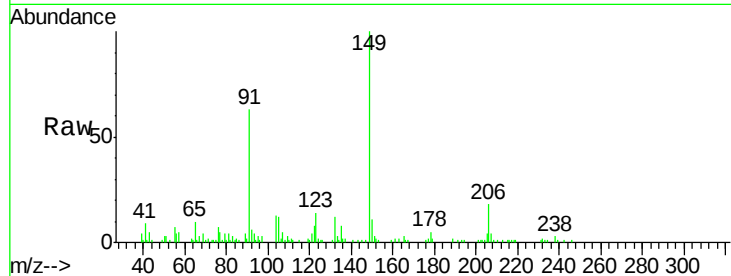


#79  
Butylbenzylphthalate  
Concen: 9.208 ng  
RT: 17.97 min Scan# 2725  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

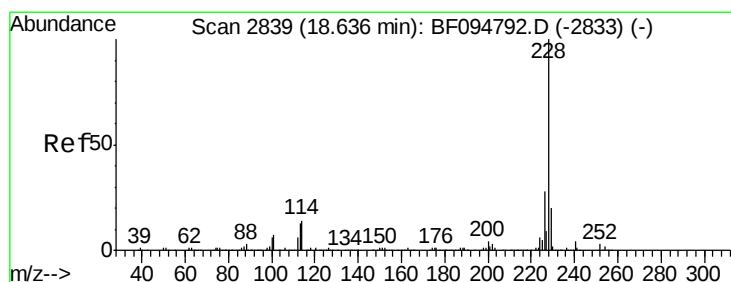
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 44018 |       |       |
| 91      | 62.6  | 45.0  | 67.4  |       |
| 206     | 18.5  | 17.0  | 25.6  |       |

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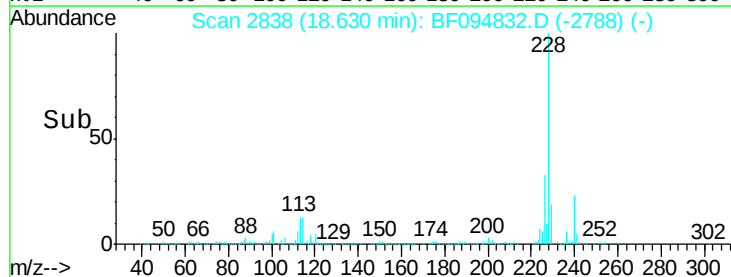
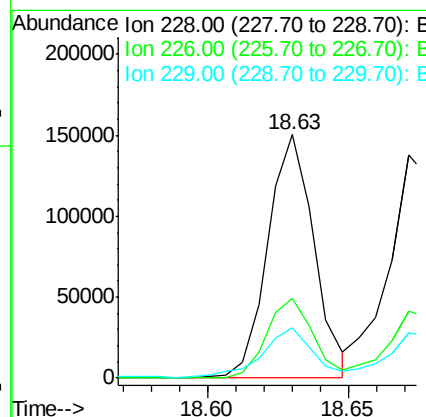
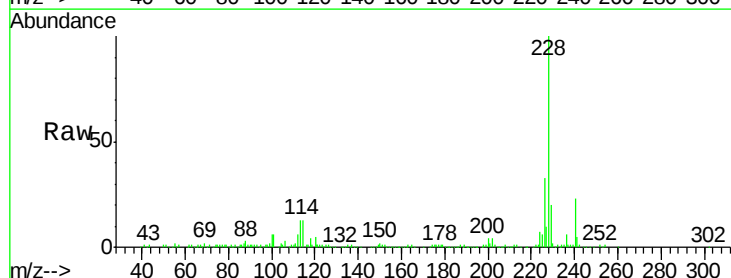
mohammad

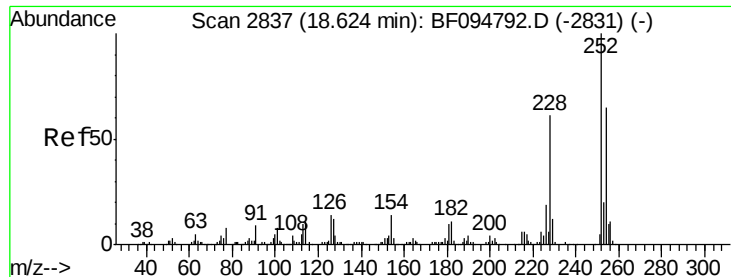
5/4/2017 1:45:40 PM



#80  
Benzo(a)anthracene  
Concen: 21.258 ng  
RT: 18.63 min Scan# 2838  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 170007 |       |       |
| 226     | 32.7  | 22.6   | 33.8  |       |
| 229     | 20.4  | 16.3   | 24.5  |       |



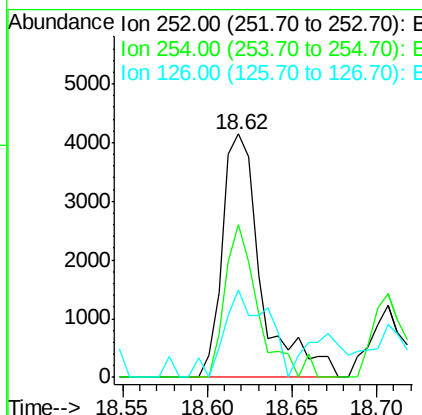
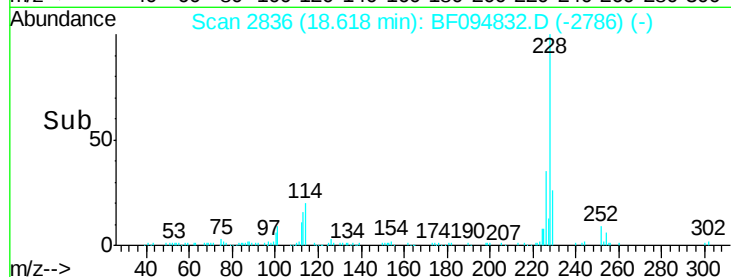
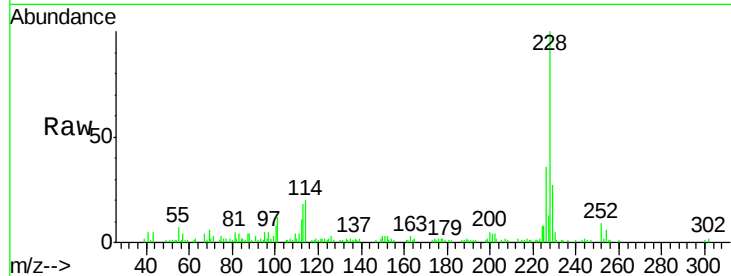


#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.400 ng  
 RT: 18.62 min Scan# 2836  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

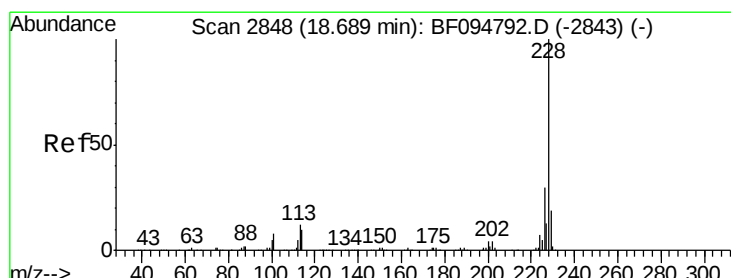
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.0  | 51.5  | 77.3  |
| 126     | 35.7  | 15.8  | 23.8  |

Manual Integrations  
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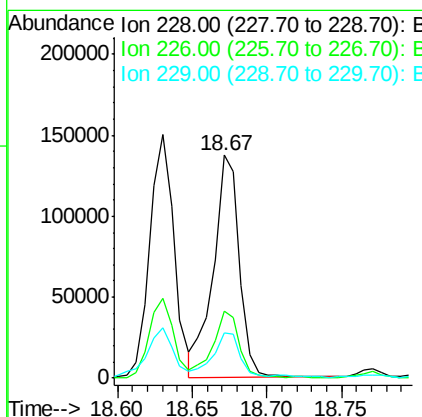
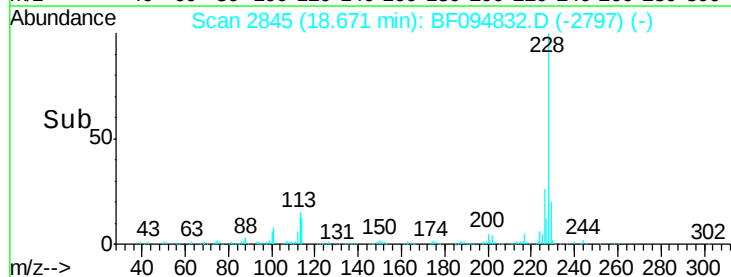
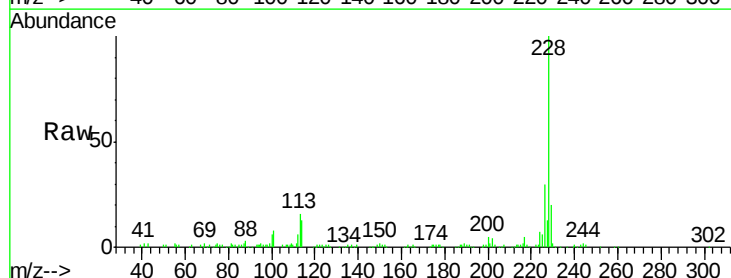
mohammad

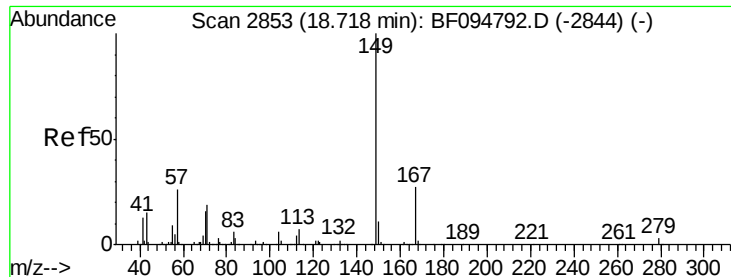
5/4/2017 1:45:40 PM



#82  
 Chrysene  
 Concen: 21.749 ng  
 RT: 18.67 min Scan# 2845  
 Delta R.T. -0.02 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 24.9  | 37.3  |
| 229     | 20.1  | 15.8  | 23.6  |



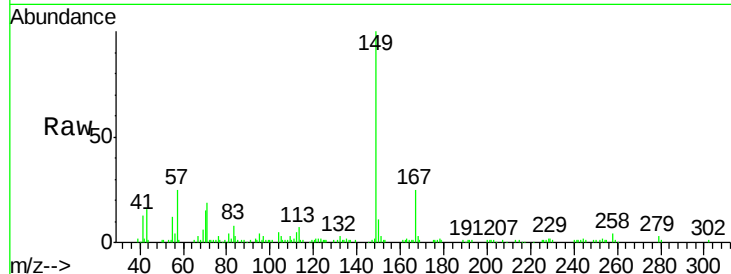


#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 9.998 ng  
 RT: 18.71 min Scan# 2852  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

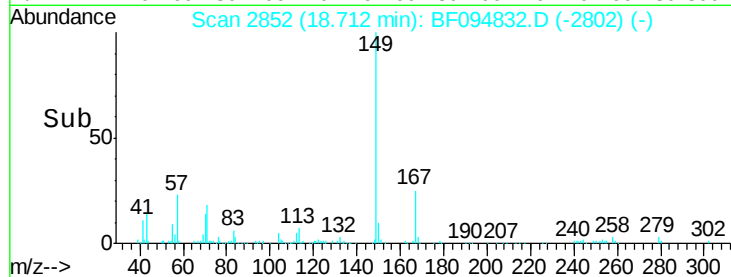
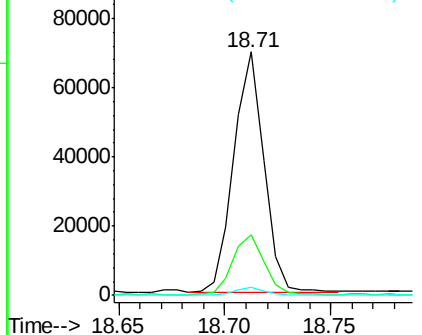
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 25.1  | 21.0       | 31.4       |
| 279     | 3.1   | 1.9        | 2.9#       |

Manual Integrations  
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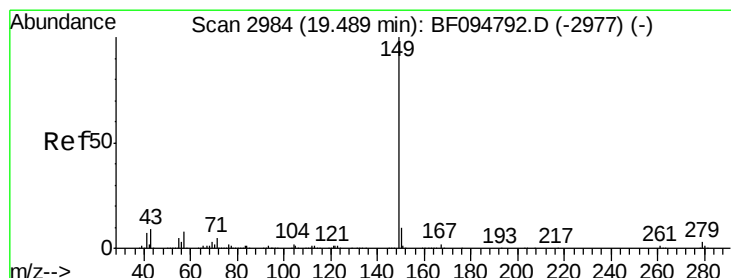


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E



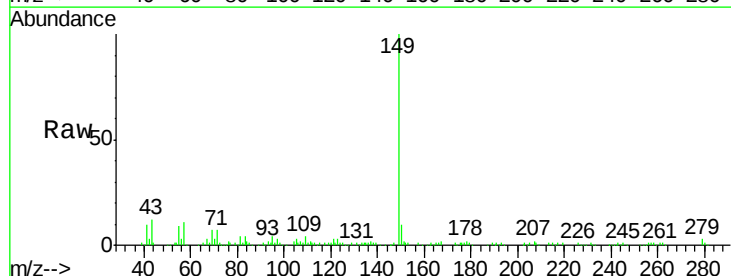
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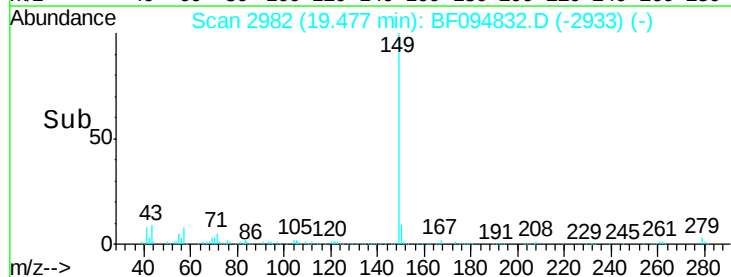
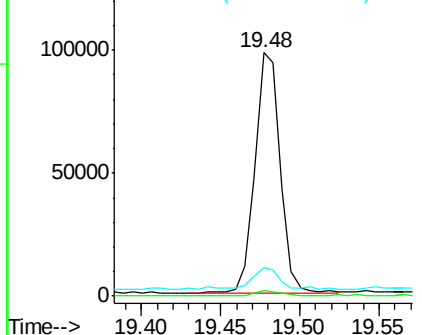


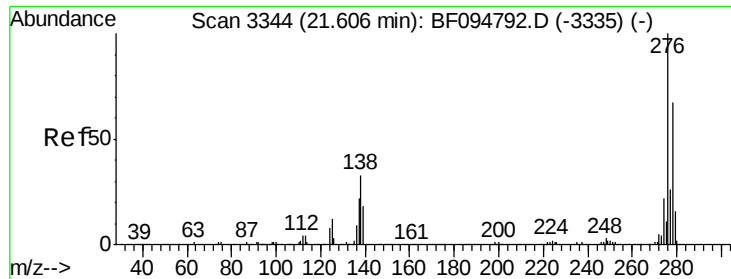
#84  
 Di-n-octyl phthalate  
 Concen: 9.782 ng  
 RT: 19.48 min Scan# 2982  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 2.6   | 1.2        | 1.8#       |
| 43      | 8.5   | 8.5        | 12.7       |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BF0



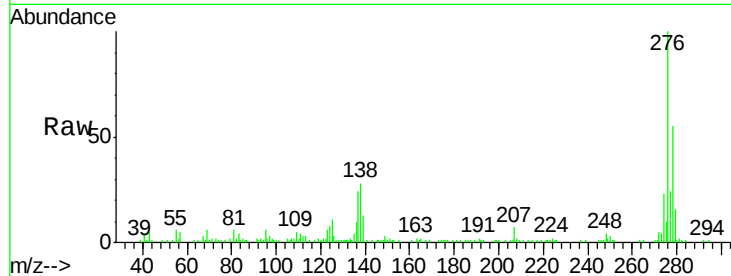


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 15.340 ng  
 RT: 21.60 min Scan# 3343  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

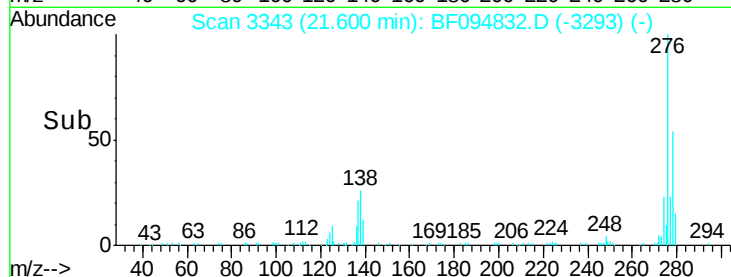
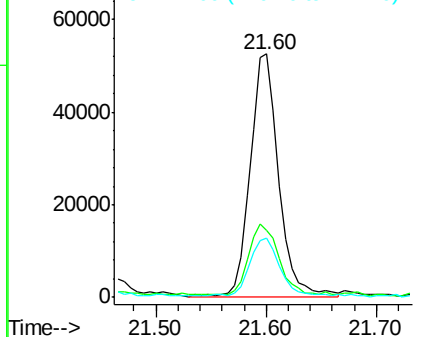
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 96333 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 29.5  | 27.8  | 41.6  |
| 277       | 24.6  | 20.2  | 30.4  |

Manual Integrations  
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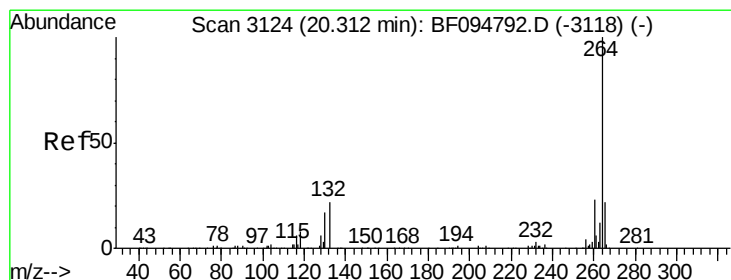


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E



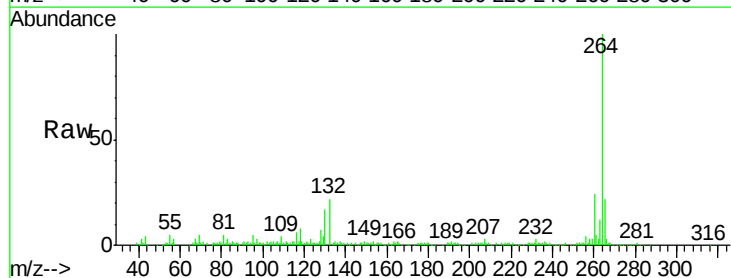
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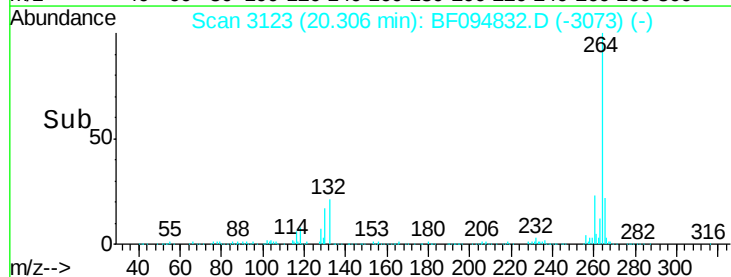
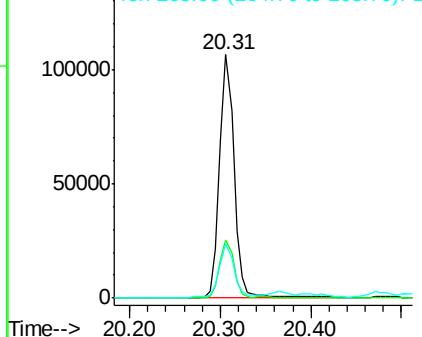


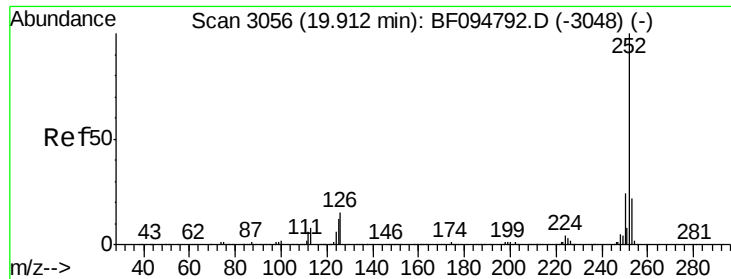
#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 20.31 min Scan# 3123  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 119228 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.6  | 19.5  | 29.3   |
| 265       | 22.0  | 17.2  | 25.8   |



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E



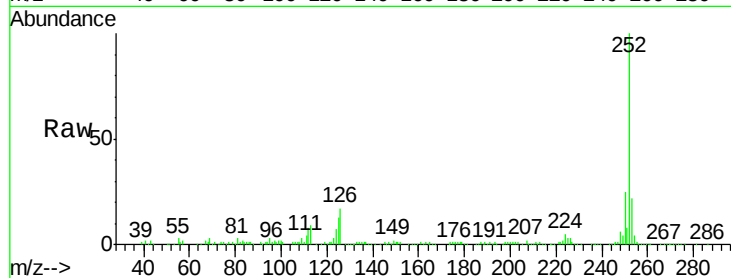


#87  
Benzo(b)fluoranthene  
Concen: 24.118 ng  
RT: 19.90 min Scan# 3054  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

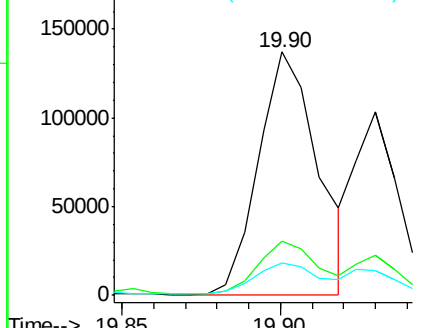
Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 18.1  | 27.1  |
| 125     | 13.2  | 9.8   | 14.8  |

Manual Integrations  
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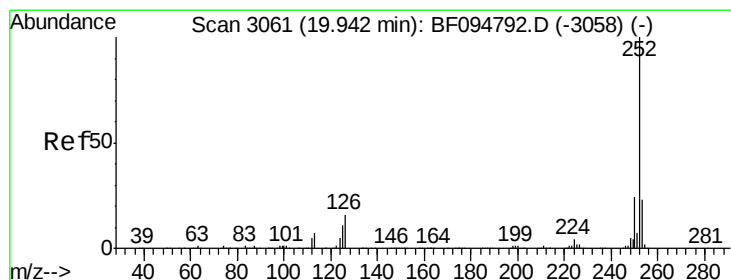
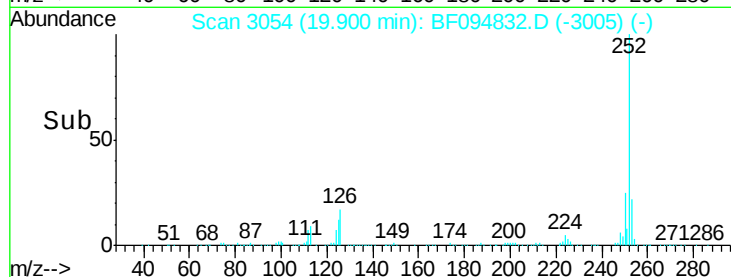


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



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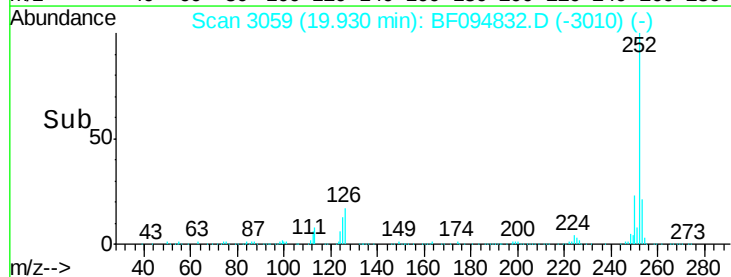
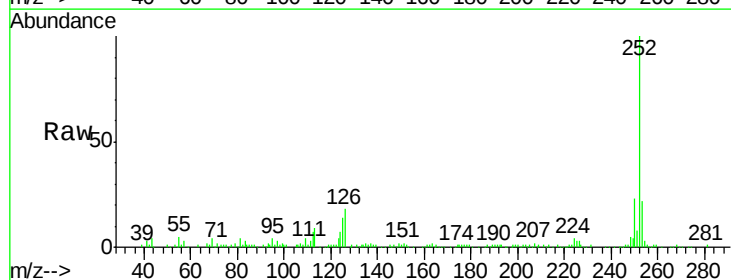
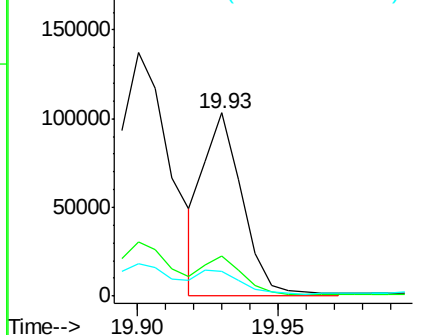
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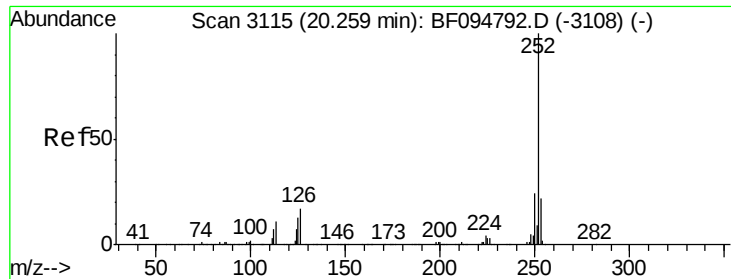


#88  
Benzo(k)fluoranthene  
Concen: 13.952 ng  
RT: 19.93 min Scan# 3059  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 18.4  | 27.6  |
| 125     | 13.6  | 13.1  | 19.7  |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



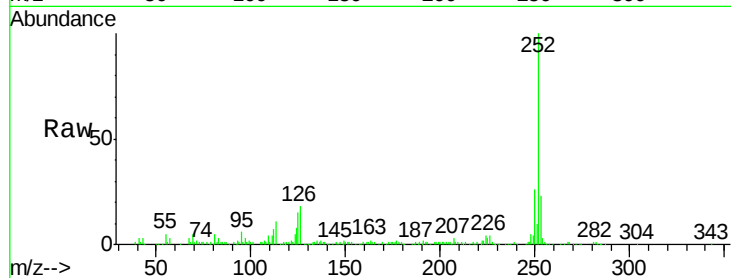


#89  
Benzo(a)pyrene  
Concen: 17.636 ng  
RT: 20.25 min Scan# 3114  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

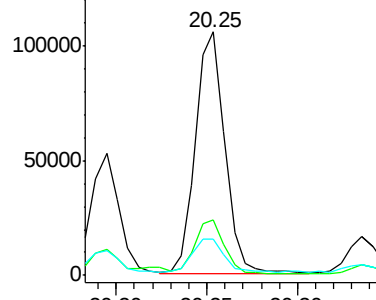
Instrument :  
BNA\_F  
ClientSampleId :  
E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 17.5  | 26.3  |
| 125     | 15.0  | 11.0  | 16.4  |

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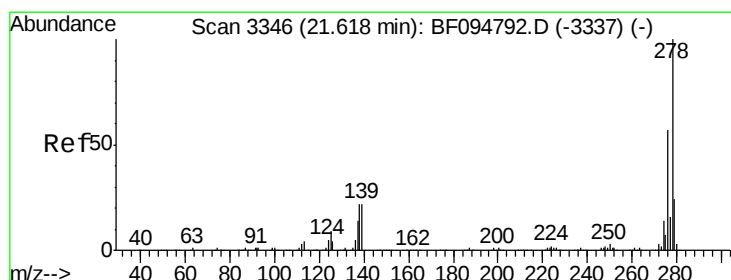
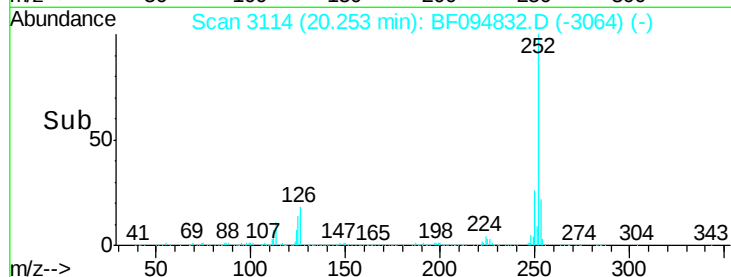


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



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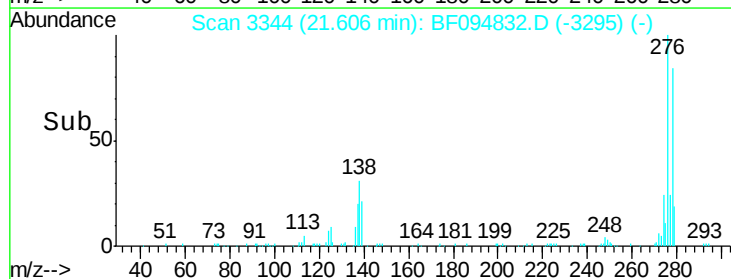
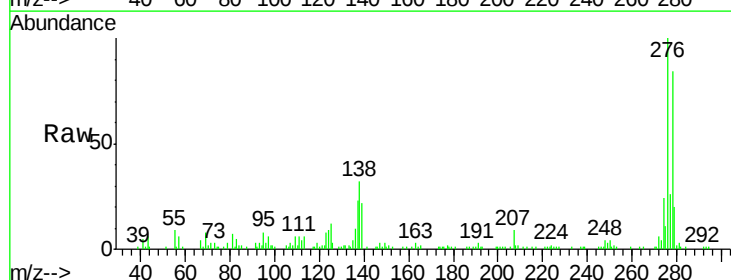
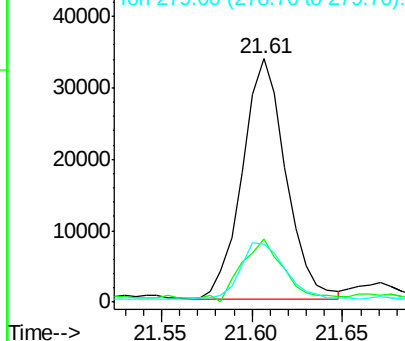
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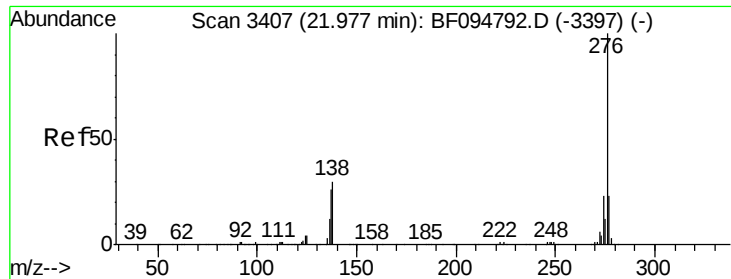


#90  
Dibenzo(a,h)anthracene  
Concen: 10.010 ng  
RT: 21.61 min Scan# 3344  
Delta R.T. -0.01 min  
Lab File: BF094832.D  
Acq: 3 May 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 25.7  | 16.6  | 24.8# |
| 279     | 23.7  | 19.3  | 28.9  |

Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



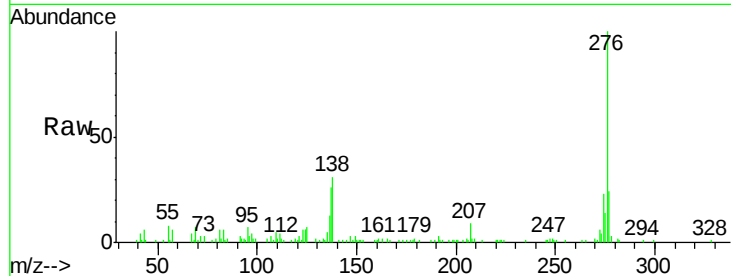


#91  
 Benzo(g,h,i)perylene  
 Concen: 14.546 ng  
 RT: 21.97 min Scan# 3406  
 Delta R.T. -0.01 min  
 Lab File: BF094832.D  
 Acq: 3 May 2017 13:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V10-ESWMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 18.6  | 28.0  |
| 138     | 31.2  | 25.4  | 38.0  |

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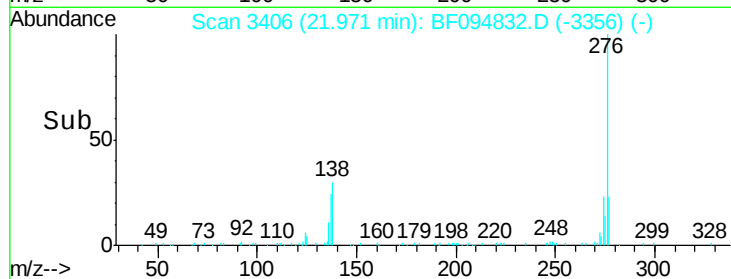
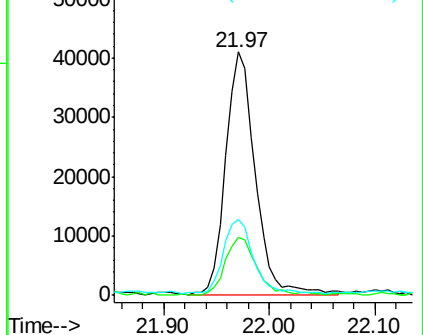


Abundance

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



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