

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\  
 Data File : BF095188.D  
 Acq On : 17 May 2017 16:40  
 Operator : SJ/MA  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 5/18/2017 2:29:08 PM

Quant Time: May 18 08:44:54 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 18 04:48:06 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 96420    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.79  | 136  | 419242   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 12.62 | 164  | 187583   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 15.02 | 188  | 335892   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.69 | 240  | 209848   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 20.37 | 264  | 154566   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.74  | 112 | 506332 | 87.55 | ng | 0.00 |
| 7) Phenol-d6             | 7.31  | 99  | 611043 | 88.06 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.68  | 82  | 477823 | 71.87 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 13.92 | 330 | 124935 | 81.32 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 11.57 | 172 | 949578 | 72.86 | ng | 0.00 |
| 78) Terphenyl-d14        | 17.35 | 244 | 830299 | 87.15 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.24  | 88  | 105552  | 37.21 | ng | 94     |
| 3) Pyridine                    | 2.94  | 79  | 251519  | 38.26 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 2.87  | 42  | 87712   | 32.01 | ng | 83     |
| 6) Aniline                     | 7.28  | 93  | 412739  | 47.12 | ng | 96     |
| 8) 2-Chlorophenol              | 7.47  | 128 | 282377  | 42.90 | ng | 94     |
| 9) Benzaldehyde                | 7.10  | 77  | 164665  | 38.86 | ng | 93     |
| 10) Phenol                     | 7.33  | 94  | 298014  | 40.76 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.41  | 93  | 258517  | 42.83 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 7.68  | 146 | 323114  | 43.27 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.80  | 146 | 323156  | 42.68 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.03  | 146 | 310304  | 43.90 | ng | 96     |
| 15) Benzyl Alcohol             | 8.06  | 79  | 209318  | 46.90 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.25  | 45  | 355300  | 41.59 | ng | 77     |
| 17) 2-Methylphenol             | 8.27  | 107 | 238776  | 44.32 | ng | 95     |
| 18) Hexachloroethane           | 8.55  | 117 | 96112   | 37.47 | ng | # 87   |
| 19) n-Nitroso-di-n-propylamine | 8.48  | 70  | 177431  | 37.81 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.52  | 107 | 281300  | 38.43 | ng | # 59   |
| 22) Acetophenone               | 8.45  | 105 | 359013  | 35.69 | ng | # 83   |
| 24) Nitrobenzene               | 8.71  | 77  | 249090  | 35.74 | ng | 91     |
| 25) Isophorone                 | 9.11  | 82  | 483621  | 40.74 | ng | # 94   |
| 26) 2-Nitrophenol              | 9.21  | 139 | 158912  | 42.26 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 9.34  | 122 | 244990  | 40.30 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.47  | 93  | 332359  | 40.47 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.63  | 162 | 225459  | 39.28 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 9.71  | 180 | 251998  | 40.98 | ng | 98     |
| 31) Naphthalene                | 9.82  | 128 | 823332  | 39.07 | ng | 99     |
| 32) Benzoic acid               | 9.66  | 122 | 126190m | 33.35 | ng |        |
| 33) 4-Chloroaniline            | 9.96  | 127 | 325314  | 41.43 | ng | # 93   |
| 34) Hexachlorobutadiene        | 10.04 | 225 | 114426  | 35.26 | ng | 98     |
| 35) Caprolactam                | 10.60 | 113 | 63605m  | 36.90 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 10.81 | 107 | 249731  | 40.69 | ng | 92     |
| 37) 2-Methylnaphthalene        | 10.95 | 142 | 488294  | 35.31 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 11.22 | 216 | 206370  | 35.77 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 11.20 | 237 | 72059   | 33.52 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\  
 Data File : BF095188.D  
 Acq On : 17 May 2017 16:40  
 Operator : SJ/MA  
 Sample : SSTDC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC040

Manual Integrations  
 APPROVED

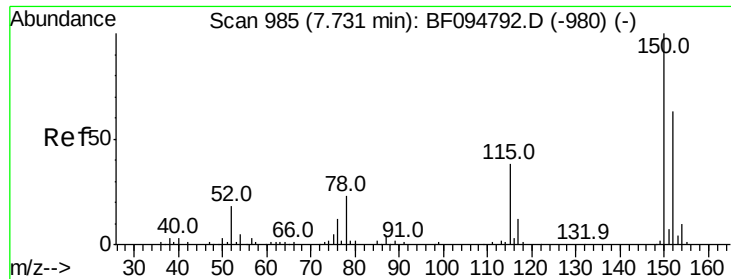
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 5/18/2017 2:29:08 PM

Quant Time: May 18 08:44:54 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 18 04:48:06 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.45 | 196  | 144332   | 37.47 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 11.54 | 196  | 139569   | 33.72 | nq    | 93       |
| 45) 1,1'-Biphenyl              | 11.71 | 154  | 616978   | 39.07 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 11.73 | 162  | 489995   | 38.42 | nq    | 94       |
| 47) 2-Nitroaniline             | 11.95 | 65   | 137724   | 39.46 | nq    | # 80     |
| 48) Acenaphthylene             | 12.39 | 152  | 803092   | 40.21 | nq    | 99       |
| 49) Dimethylphthalate          | 12.27 | 163  | 604530   | 39.26 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 12.36 | 165  | 128289   | 40.83 | nq    | 96       |
| 51) Acenaphthene               | 12.68 | 154  | 468958   | 39.31 | nq    | 98       |
| 52) 3-Nitroaniline             | 12.63 | 138  | 136777   | 40.56 | nq    | 91       |
| 53) 2,4-Dinitrophenol          | 12.85 | 184  | 55442    | 35.78 | nq    | # 71     |
| 54) Dibenzofuran               | 12.96 | 168  | 673159   | 40.77 | nq    | 98       |
| 55) 4-Nitrophenol              | 13.04 | 139  | 65848m   | 32.51 | nq    |          |
| 56) 2,4-Dinitrotoluene         | 13.02 | 165  | 169649   | 42.02 | nq    | 91       |
| 57) Fluorene                   | 13.52 | 166  | 557373   | 38.83 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 13.21 | 232  | 107441   | 41.24 | nq    | # 91     |
| 59) Diethylphthalate           | 13.41 | 149  | 577446   | 39.12 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 13.54 | 204  | 251560   | 39.87 | nq    | 88       |
| 61) 4-Nitroaniline             | 13.63 | 138  | 105292   | 34.01 | nq    | 96       |
| 62) Azobenzene                 | 13.80 | 77   | 473442   | 39.92 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 13.69 | 198  | 85396    | 37.92 | nq    | # 68     |
| 65) n-Nitrosodiphenylamine     | 13.75 | 169  | 480887   | 39.45 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 14.32 | 248  | 141299   | 39.82 | nq    | 98       |
| 67) Hexachlorobenzene          | 14.41 | 284  | 143231   | 39.38 | nq    | # 84     |
| 68) Atrazine                   | 14.67 | 200  | 137109   | 39.83 | nq    | 98       |
| 69) Pentachlorophenol          | 14.78 | 266  | 47825m   | 32.82 | nq    |          |
| 70) Phenanthrene               | 15.07 | 178  | 777003   | 40.26 | nq    | 99       |
| 71) Anthracene                 | 15.15 | 178  | 757667   | 38.43 | nq    | 98       |
| 72) Carbazole                  | 15.42 | 167  | 657842   | 36.68 | nq    | 97       |
| 73) Di-n-butylphthalate        | 15.99 | 149  | 891927   | 39.87 | nq    | 99       |
| 74) Fluoranthene               | 16.81 | 202  | 677776   | 34.24 | nq    | 97       |
| 76) Benzidine                  | 17.02 | 184  | 247632   | 44.23 | nq    | # 93     |
| 77) Pyrene                     | 17.11 | 202  | 699484   | 44.57 | nq    | 99       |
| 79) Butylbenzylphthalate       | 18.00 | 149  | 303292   | 41.55 | nq    | # 86     |
| 80) Benzo(a)anthracene         | 18.68 | 228  | 489690   | 40.10 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 18.66 | 252  | 158645   | 37.61 | nq    | # 97     |
| 82) Chrysene                   | 18.73 | 228  | 492372   | 41.69 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 18.75 | 149  | 400925   | 38.55 | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 19.51 | 149  | 613190   | 35.96 | nq    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.69 | 276  | 334229   | 34.85 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 19.96 | 252  | 374616   | 39.22 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 19.98 | 252  | 418587   | 45.44 | nq    | 96       |
| 89) Benzo(a)pyrene             | 20.31 | 252  | 358243   | 40.65 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 21.70 | 278  | 281504   | 38.68 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 22.08 | 276  | 283937   | 39.75 | nq    | 97       |

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





#1

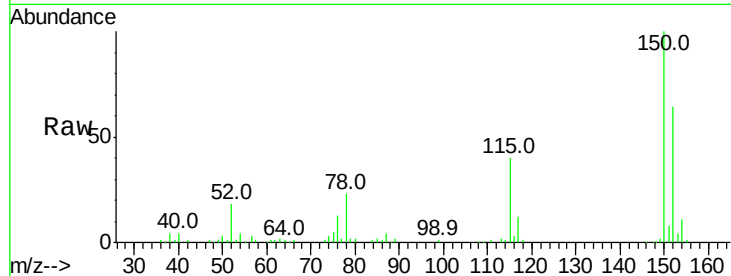
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.77 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

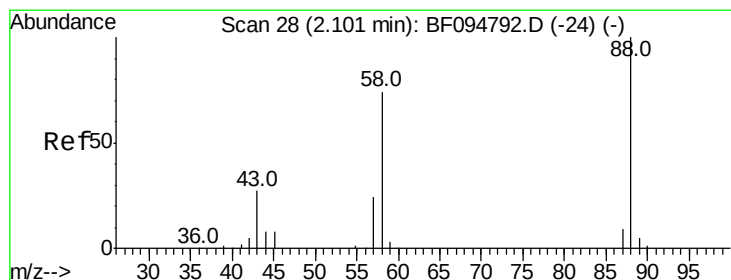
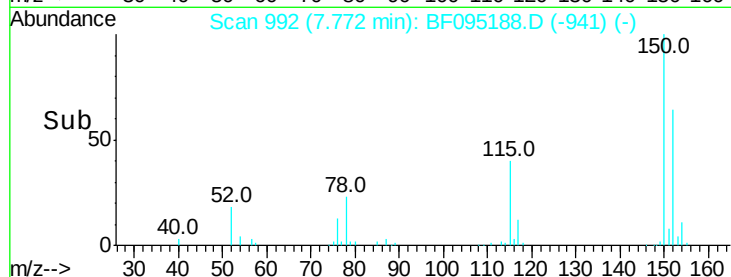
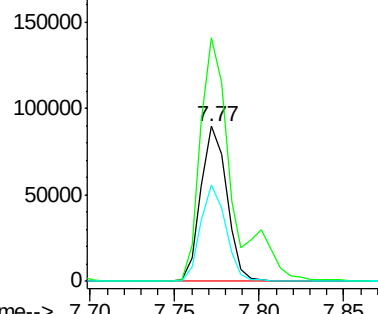
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.2 | 126.2 | 189.2 |
| 115     | 62.4  | 52.2  | 78.2  |

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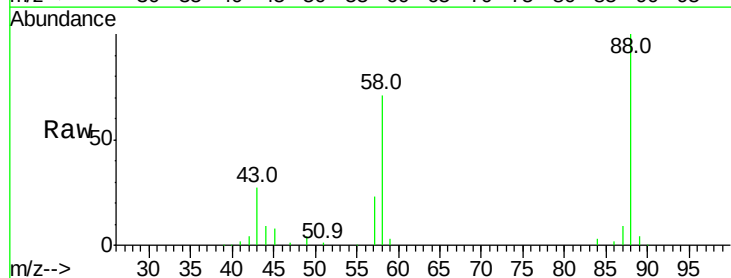
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



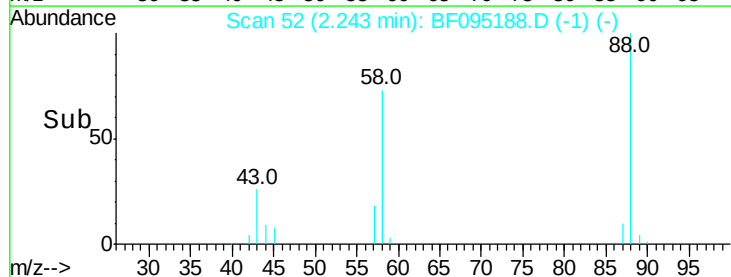
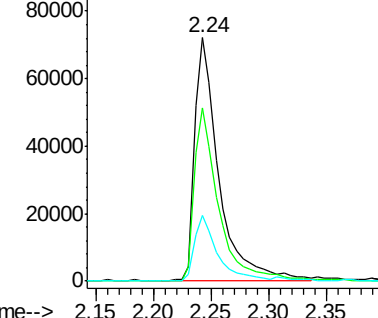
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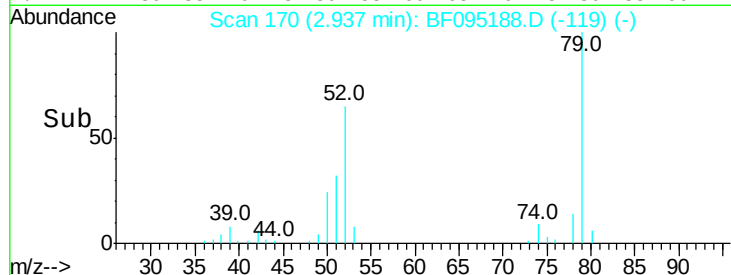
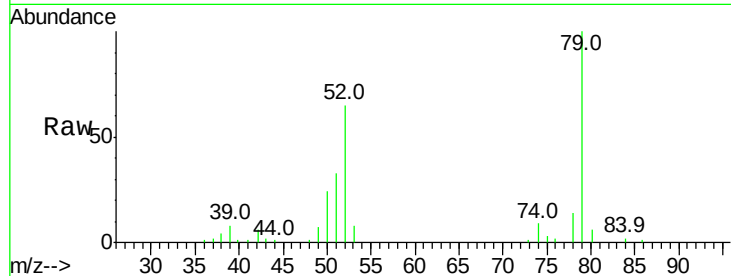
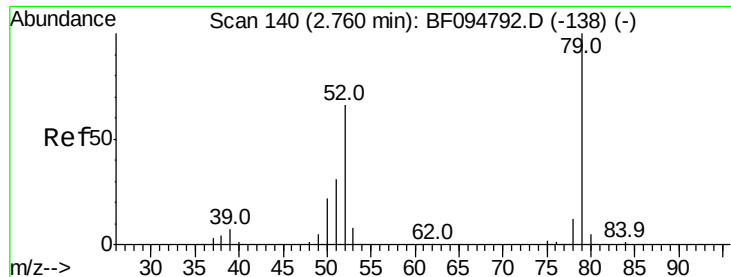
1,4-Dioxane  
Concen: 37.21 ng  
RT: 2.24 min Scan# 52  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.5  | 61.4  | 92.0  |
| 43      | 25.3  | 23.4  | 35.0  |



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





#3

Pvridine

Concen: 38.26 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 251519 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 64.6  | 54.8  | 82.2   |
| 51        | 33.2  | 27.0  | 40.4   |

Instrument :

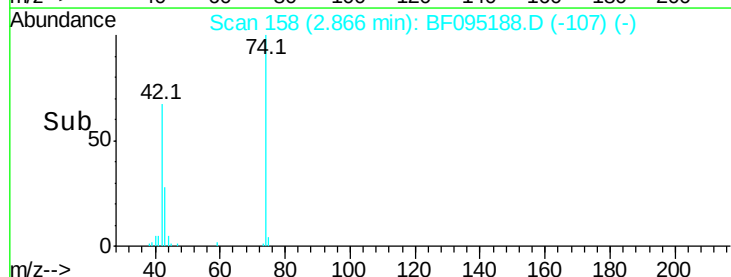
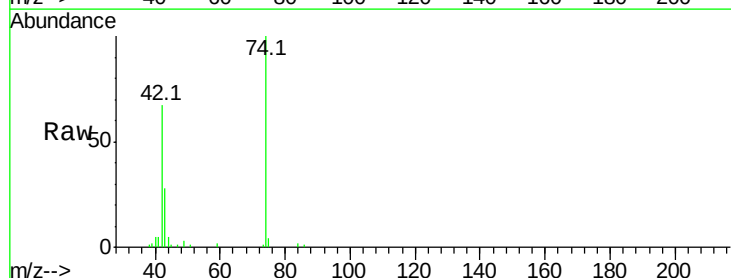
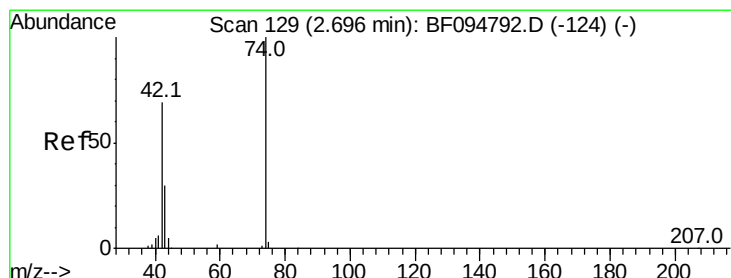
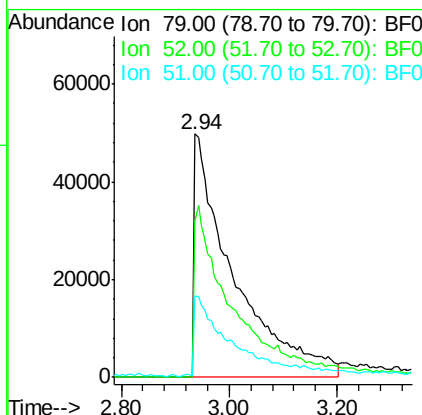
BNA\_F

ClientSampleId :

SSTDCCC040

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#4

n-Nitrosodimethylamine

Concen: 32.01 ng

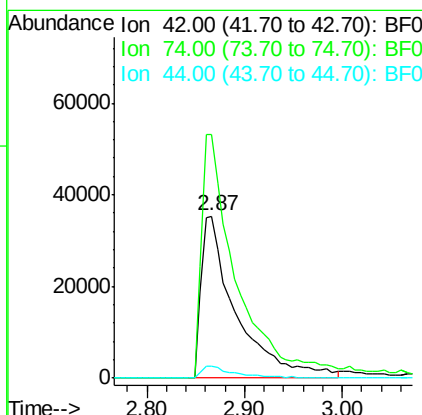
RT: 2.87 min Scan# 158

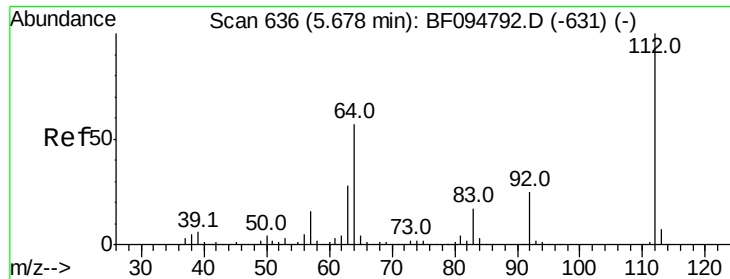
Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 87712 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 150.3 | 103.9 | 155.9 |
| 44        | 7.5   | 5.7   | 8.5   |





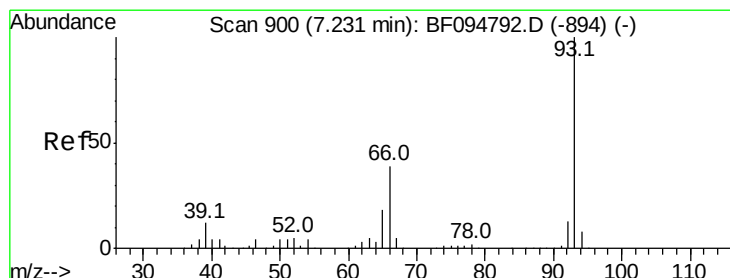
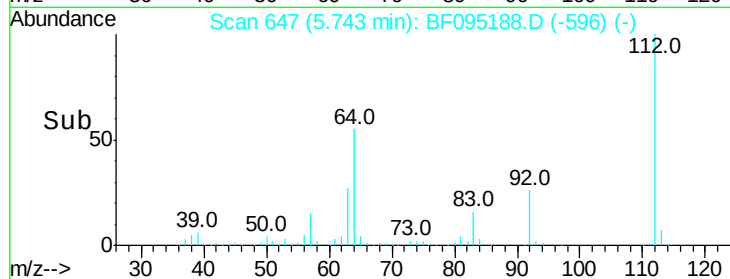
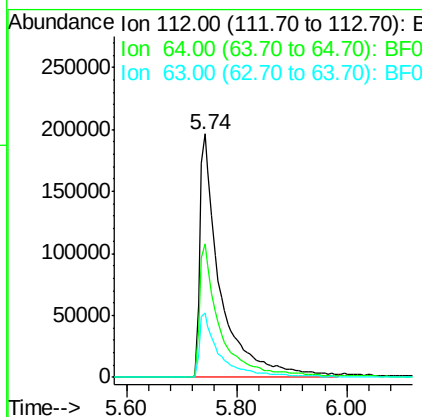
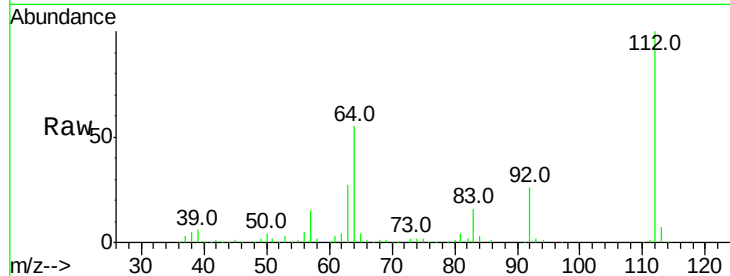
#5  
 2-Fluorophenol  
 Concen: 87.55 ng  
 RT: 5.74 min Scan# 647  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 506332 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 54.6  | 46.0  | 69.0   |
| 63        | 26.6  | 23.4  | 35.0   |

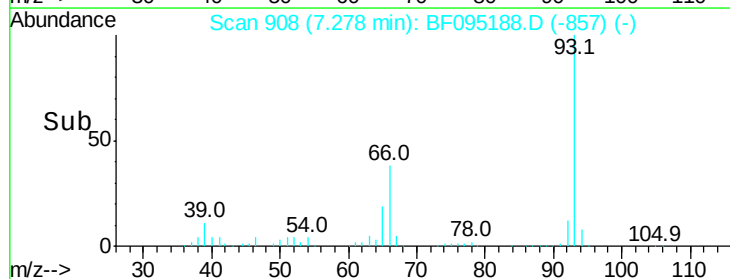
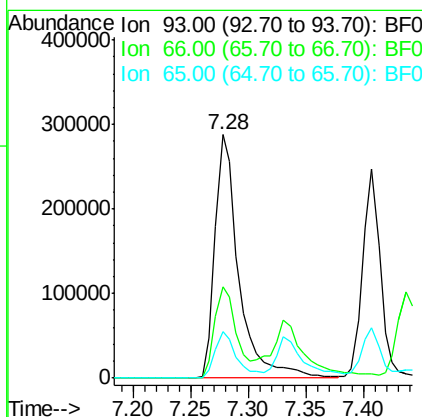
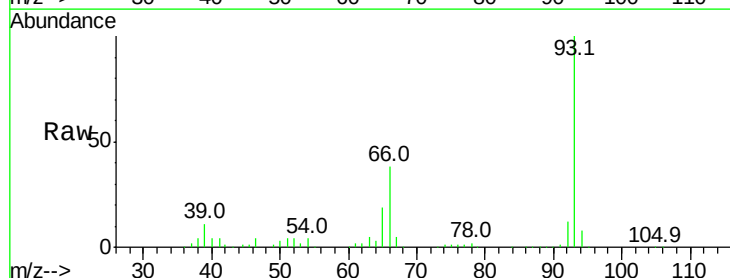
Manual Integrations  
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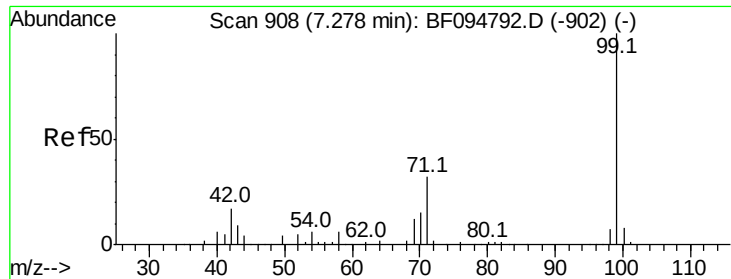
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 5/18/2017 2:29:08 PM



#6  
 Aniline  
 Concen: 47.12 ng  
 RT: 7.28 min Scan# 908  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 412739 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 37.7  | 32.9  | 49.3   |
| 65        | 19.2  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 88.06 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA\_F

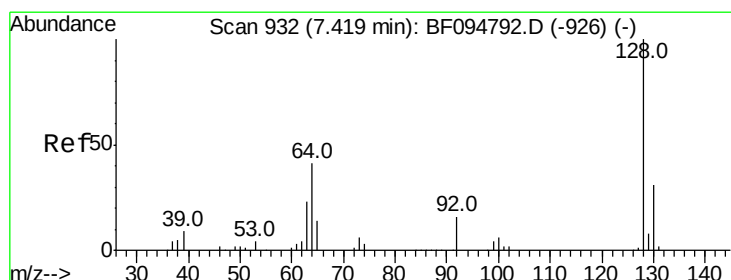
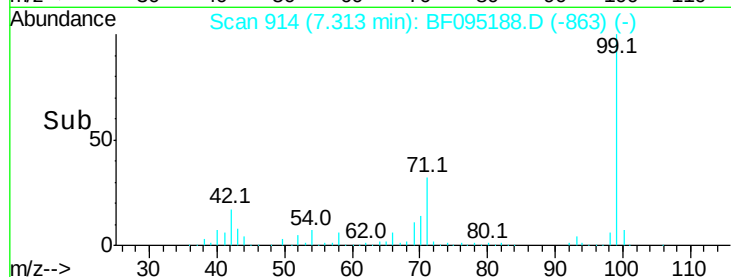
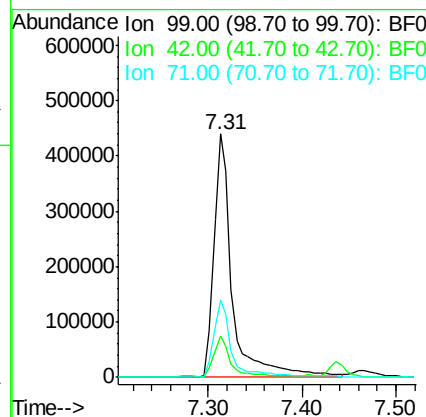
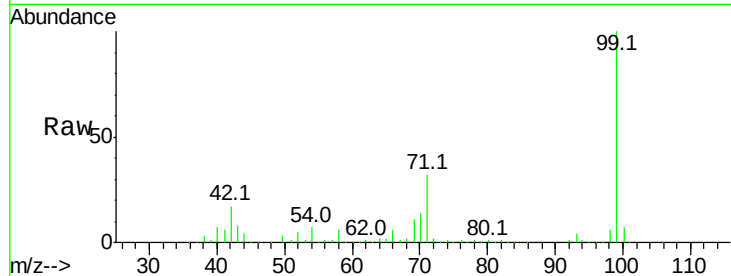
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 611043 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.8  | 13.5  | 20.3   |
| 71        | 31.6  | 24.5  | 36.7   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 42.90 ng

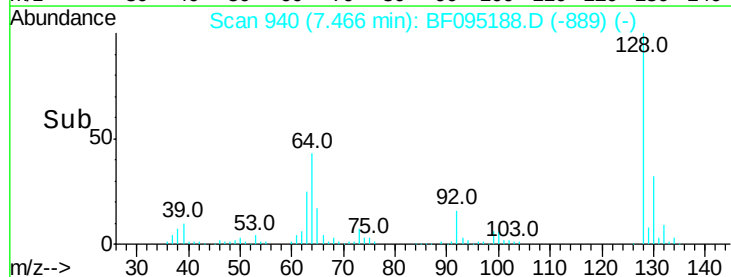
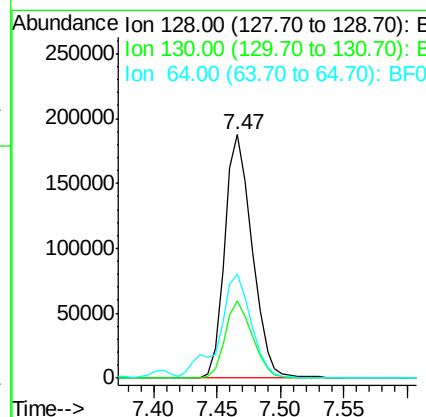
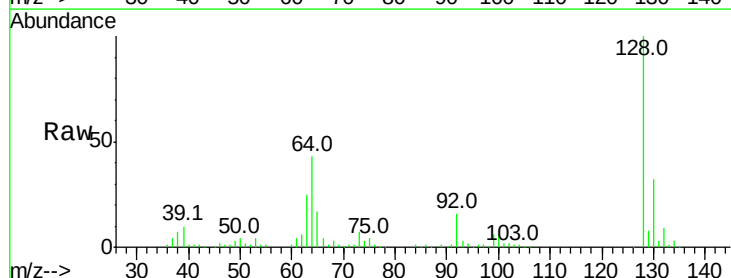
RT: 7.47 min Scan# 940

Delta R.T. 0.00 min

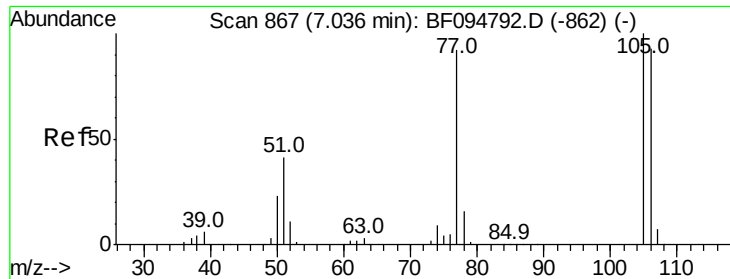
Lab File: BF095188.D

Acq: 17 May 2017 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 282377 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.6  | 12.9  | 52.9   |
| 64        | 42.9  | 28.4  | 68.4   |







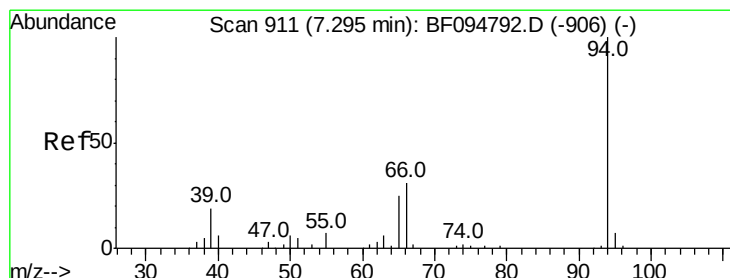
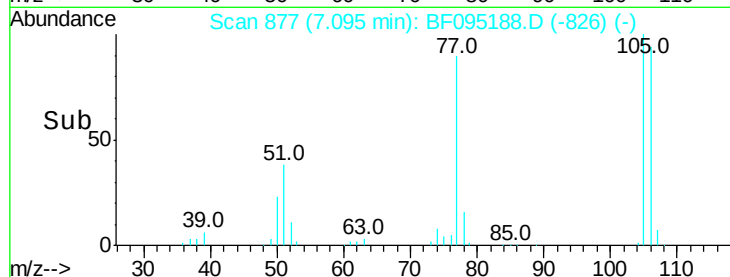
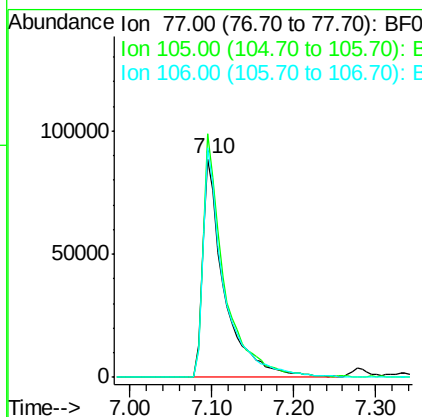
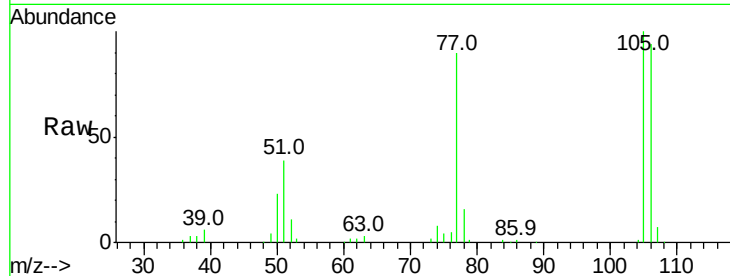
#9  
Benzaldehyde  
Concen: 38.86 ng  
RT: 7.10 min Scan# 877  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 164665 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 111.5 | 83.8  | 123.8  |
| 106       | 105.1 | 79.1  | 119.1  |

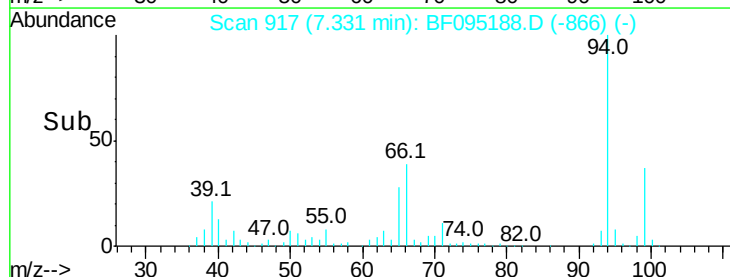
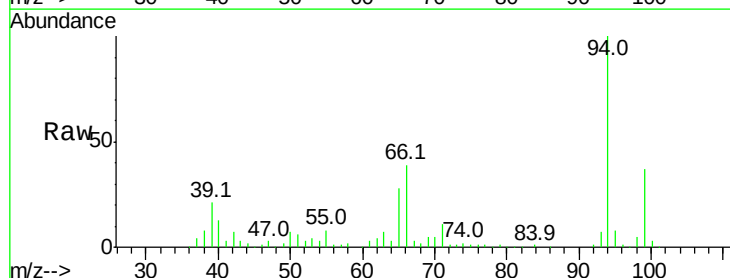
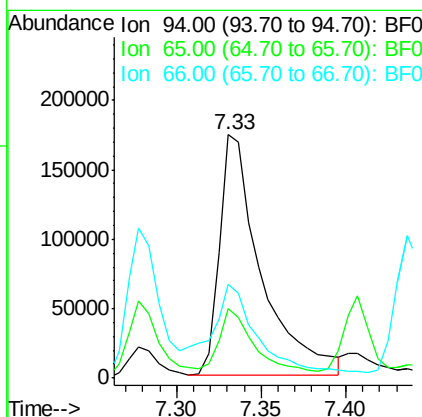
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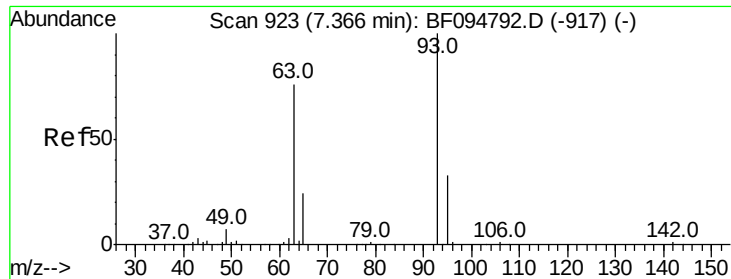


#10  
Phenol  
Concen: 40.76 ng  
RT: 7.33 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 298014 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 28.3  | 9.9   | 49.9   |
| 66        | 38.8  | 23.1  | 63.1   |







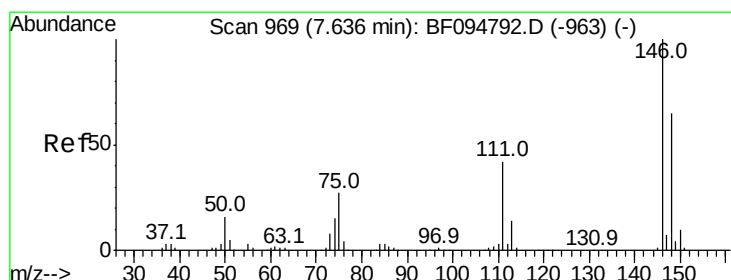
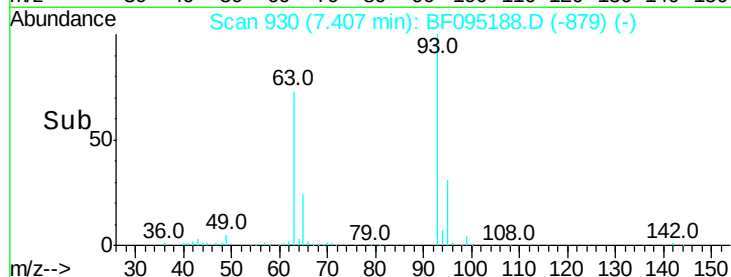
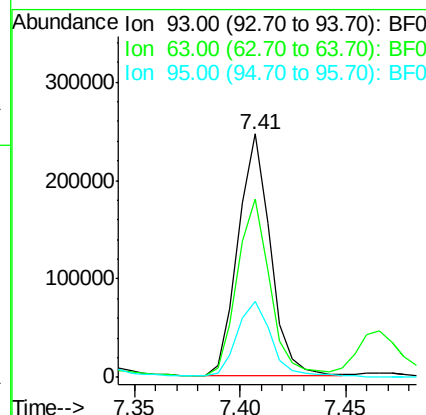
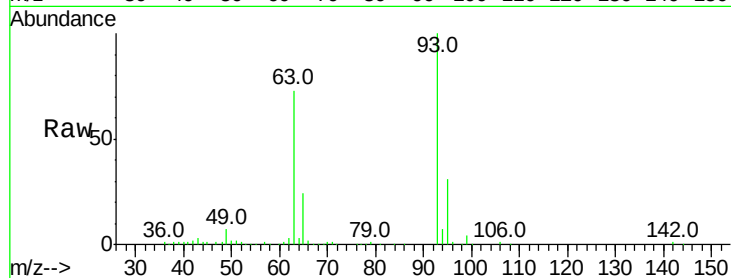
#11  
bis(2-Chloroethyl)ether  
Concen: 42.83 ng  
RT: 7.41 min Scan# 930  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 258517 |       |       |
| 63      | 73.1  | 59.2   | 99.2  |       |
| 95      | 31.4  | 12.8   | 52.8  |       |

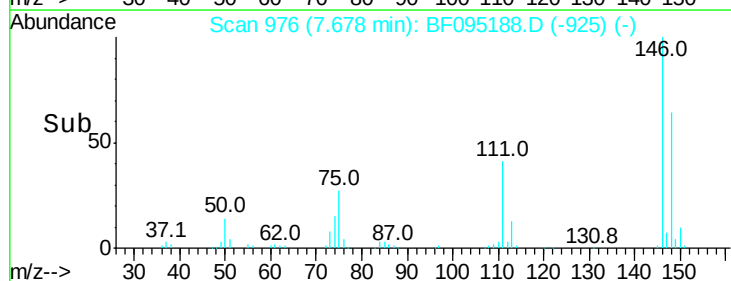
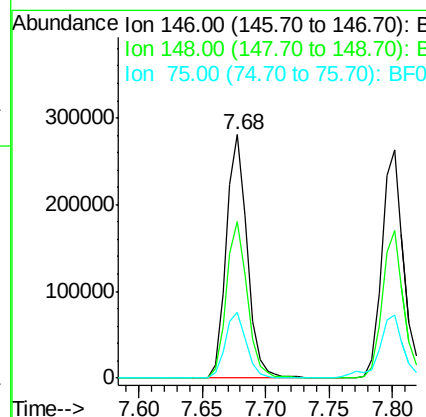
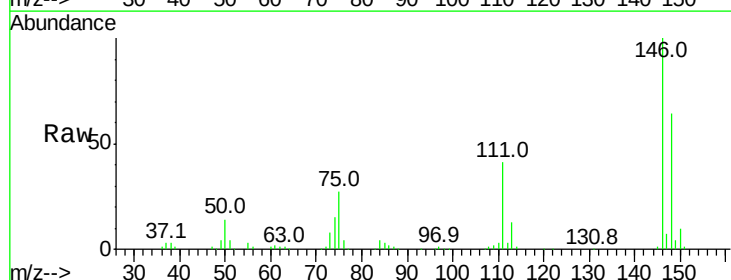
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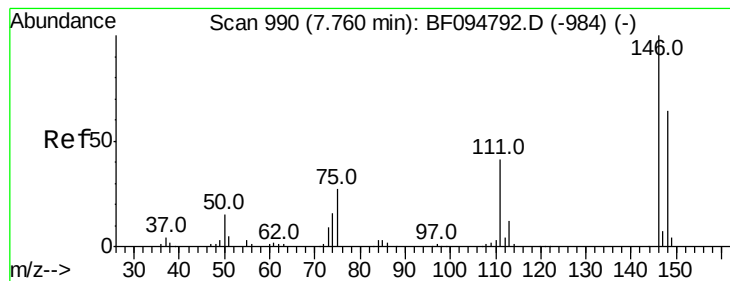
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#12  
1,3-Dichlorobenzene  
Concen: 43.27 ng  
RT: 7.68 min Scan# 976  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 323114 |       |       |
| 148     | 64.5  | 51.8   | 77.6  |       |
| 75      | 27.0  | 23.1   | 34.7  |       |





#13

1,4-Dichlorobenzene

Concen: 42.68 ng

RT: 7.80 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA\_F

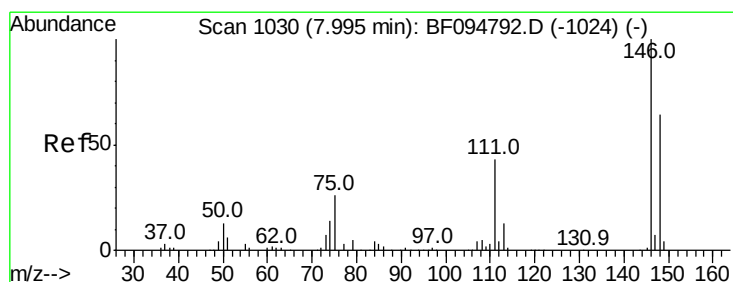
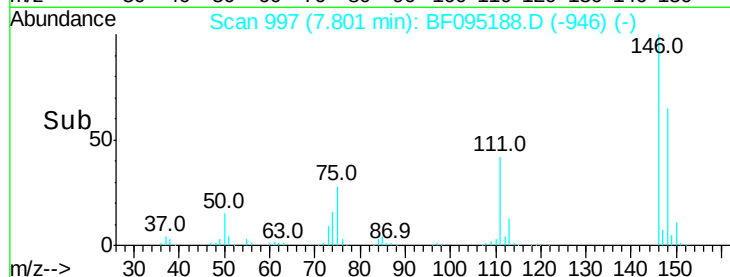
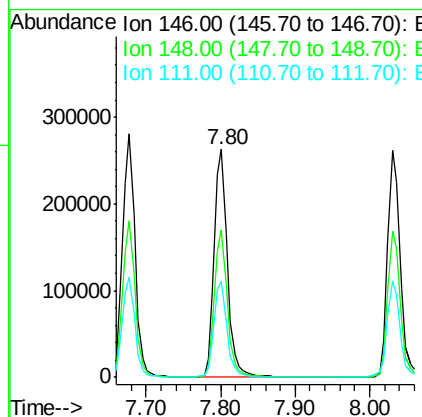
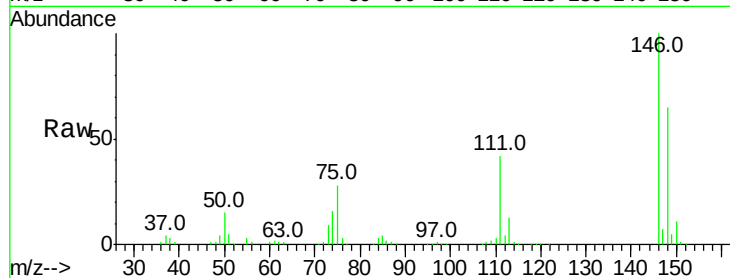
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 323156 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.8  | 52.2  | 78.2   |
| 111       | 42.1  | 30.3  | 45.5   |

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#14

1,2-Dichlorobenzene

Concen: 43.90 ng

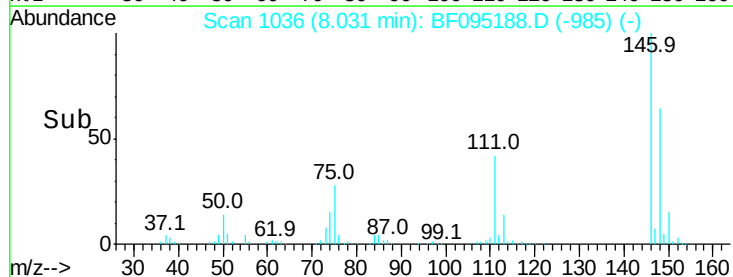
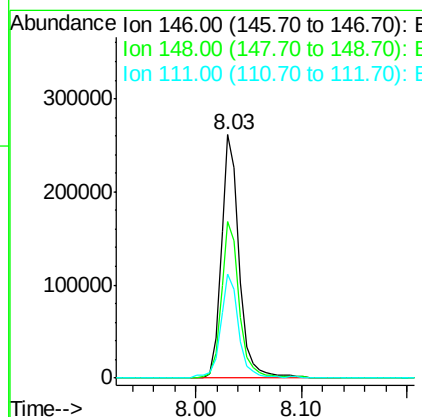
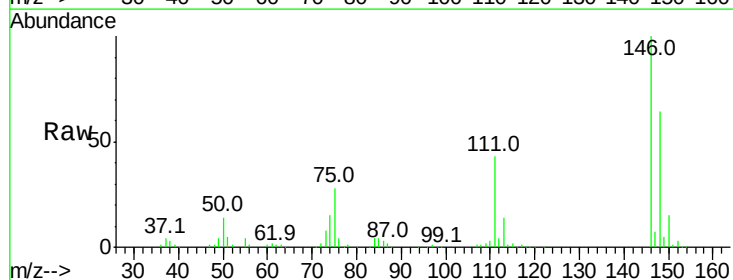
RT: 8.03 min Scan# 1036

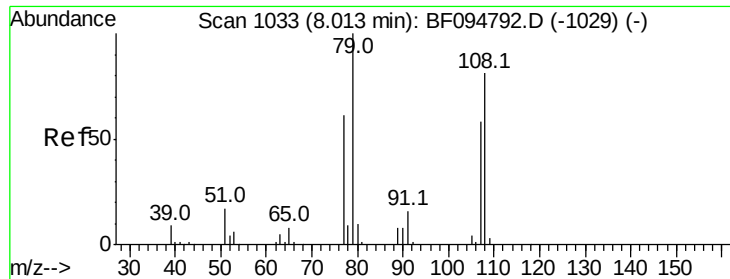
Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 310304 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.4  | 50.4  | 75.6   |
| 111       | 42.5  | 38.2  | 57.4   |





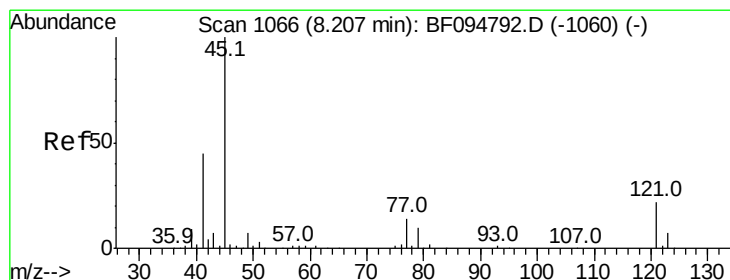
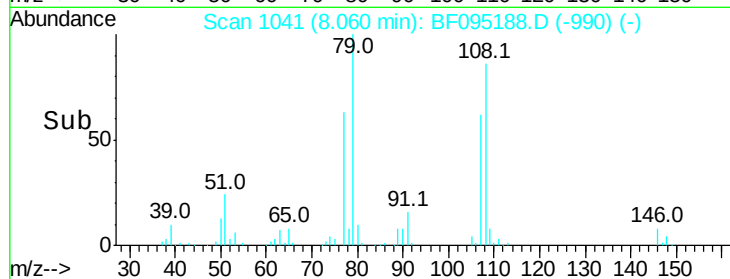
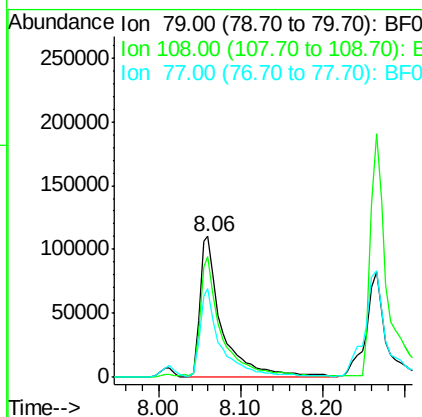
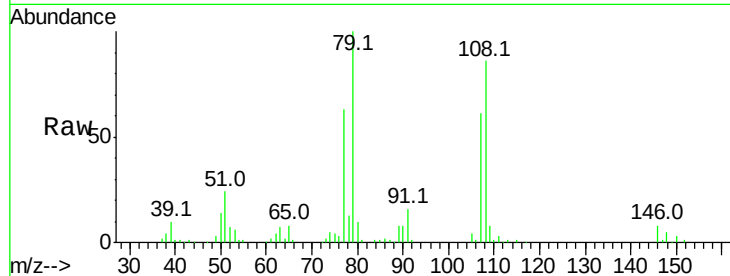
#15  
Benzyl Alcohol  
Concen: 46.90 ng  
RT: 8.06 min Scan# 1041  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 86.0  | 63.4  | 95.0  |
| 77      | 62.8  | 49.2  | 73.8  |

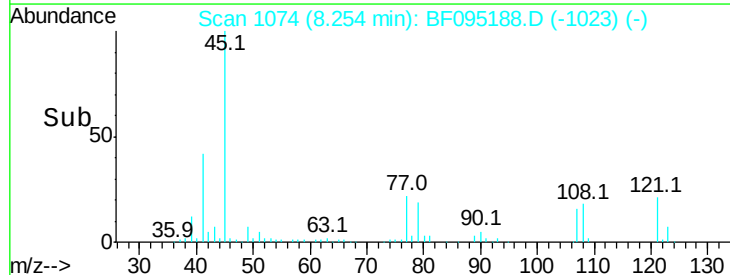
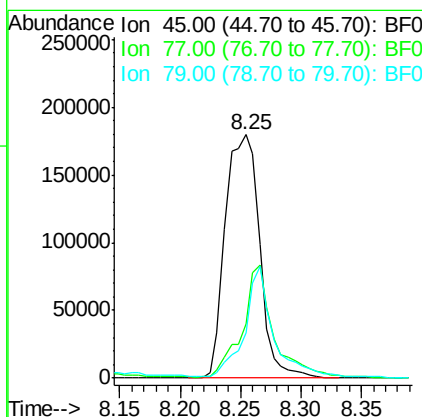
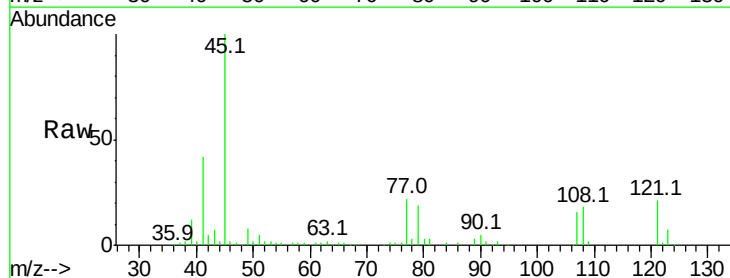
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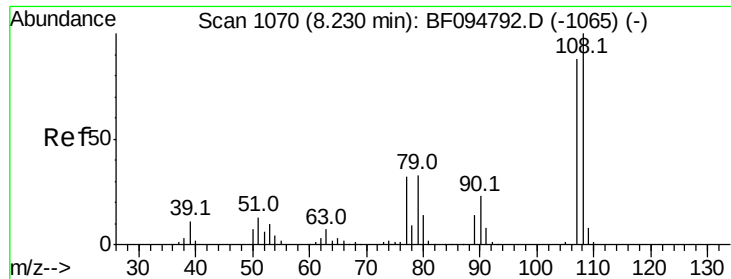
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.59 ng  
RT: 8.25 min Scan# 1074  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 22.3  | 0.0   | 33.2  |
| 79      | 18.6  | 0.0   | 30.0  |





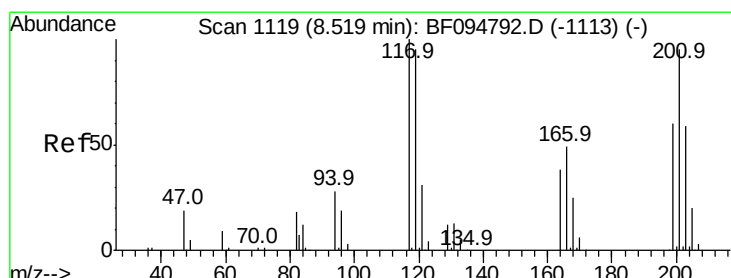
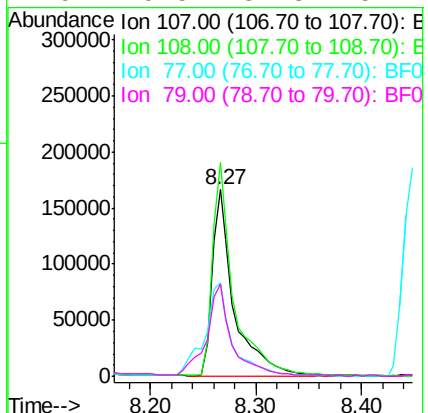
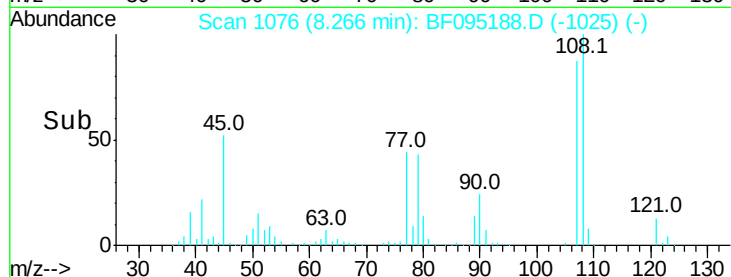
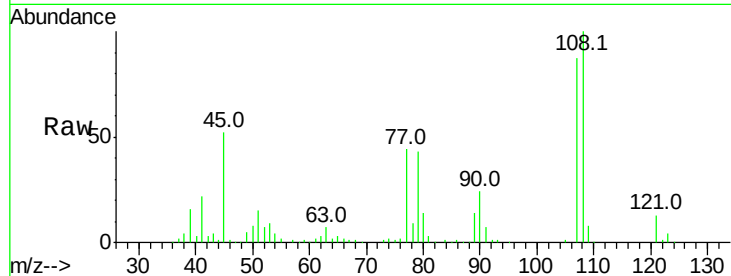
#17  
2-Methylphenol  
Concen: 44.32 ng  
RT: 8.27 min Scan# 1076  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 114.6 | 93.4 | 140.0 |       |
| 77      | 50.3  | 35.8 | 53.6  |       |
| 79      | 49.5  | 34.8 | 52.2  |       |

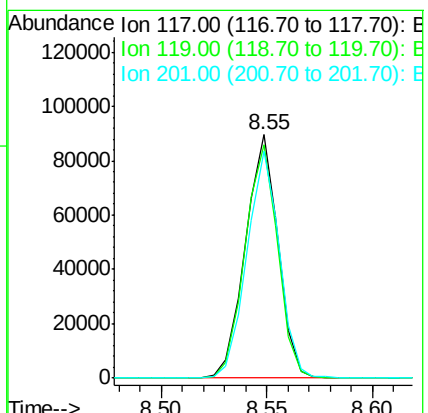
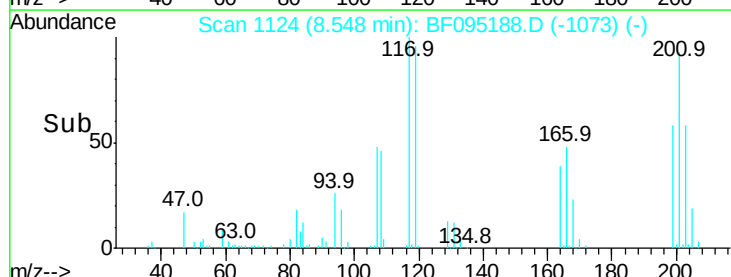
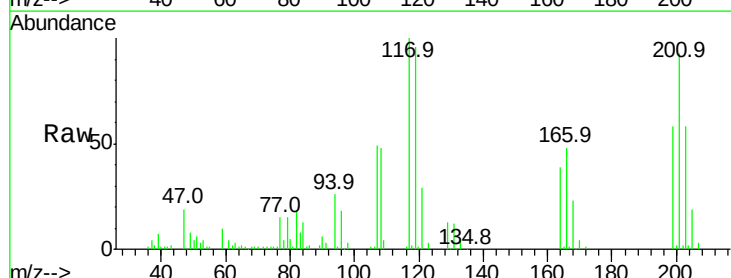
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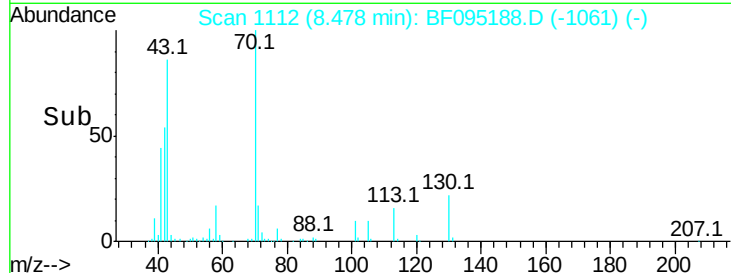
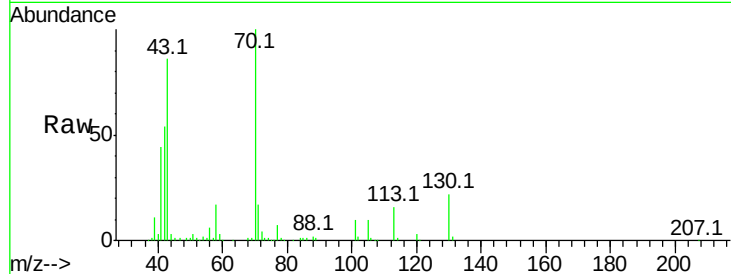
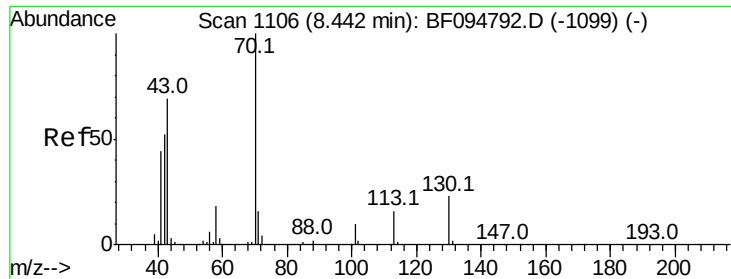
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#18  
Hexachloroethane  
Concen: 37.47 ng  
RT: 8.55 min Scan# 1124  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 95.6  | 77.4 | 116.0  |       |
| 201     | 93.0  | 94.6 | 141.8# |       |





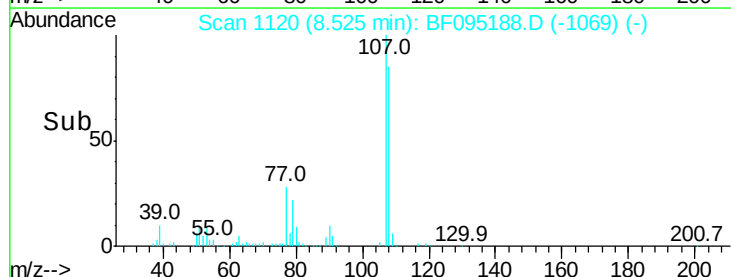
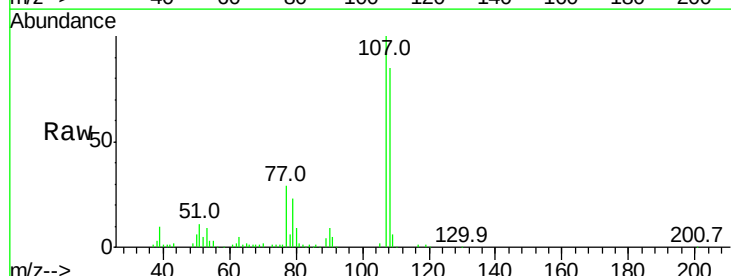
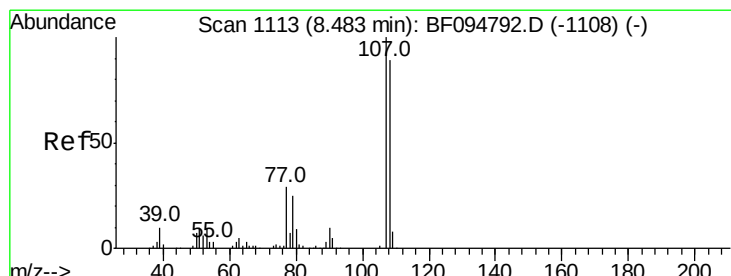
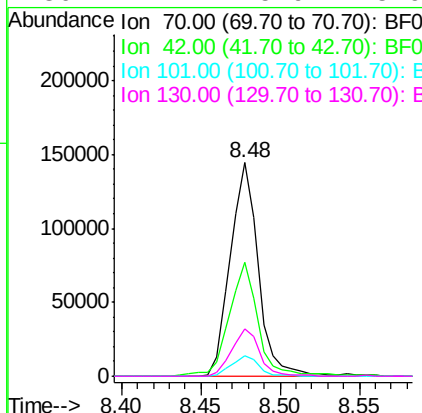
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.81 ng  
RT: 8.48 min Scan# 1112  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 177431 |       |       |
| 42      | 53.5 | 47.2  | 70.8   |       |       |
| 101     | 9.8  | 7.2   | 10.8   |       |       |
| 130     | 22.4 | 15.9  | 23.9   |       |       |

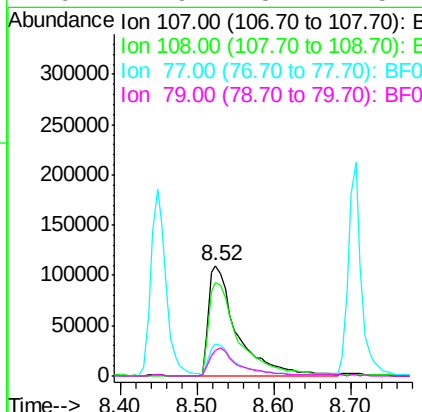
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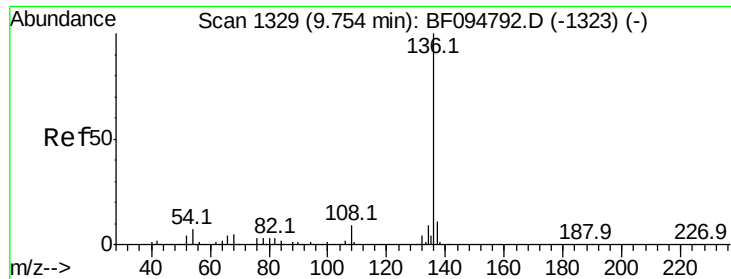
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#20  
3+4-Methylphenols  
Concen: 38.43 ng  
RT: 8.52 min Scan# 1120  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 281300 |       |       |
| 108     | 85.2 | 71.0  | 111.0  |       |       |
| 77      | 29.2 | 90.5  | 130.5# |       |       |
| 79      | 22.9 | 8.4   | 48.4   |       |       |





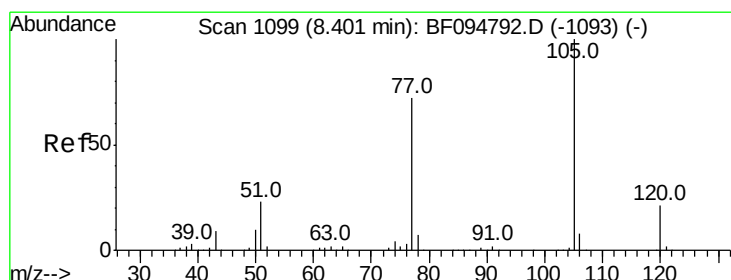
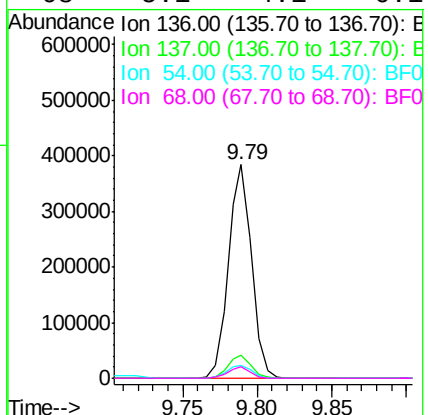
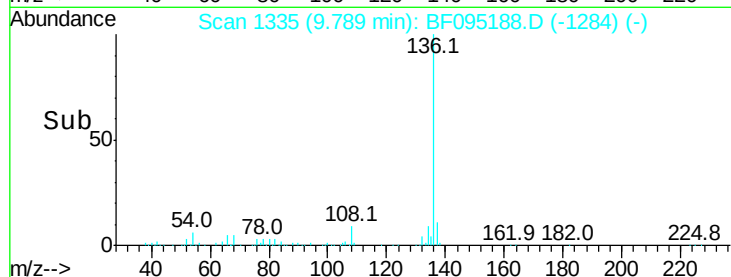
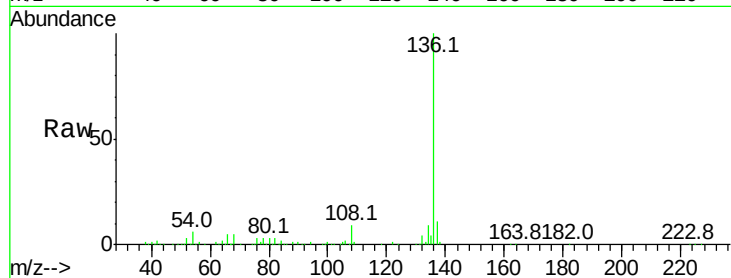
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.79 min Scan# 1335  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.7  | 8.5  | 12.7  |       |
| 54      | 6.2   | 4.9  | 7.3   |       |
| 68      | 5.1   | 4.1  | 6.1   |       |

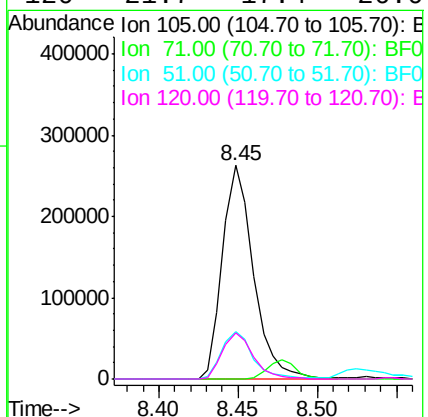
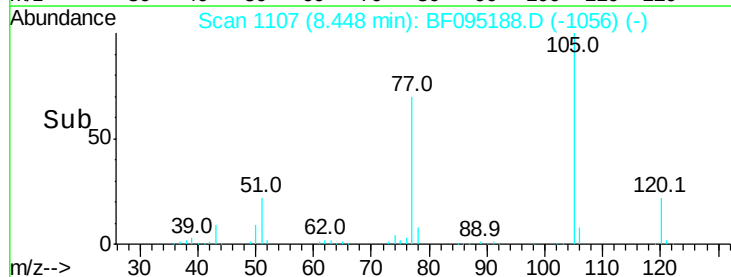
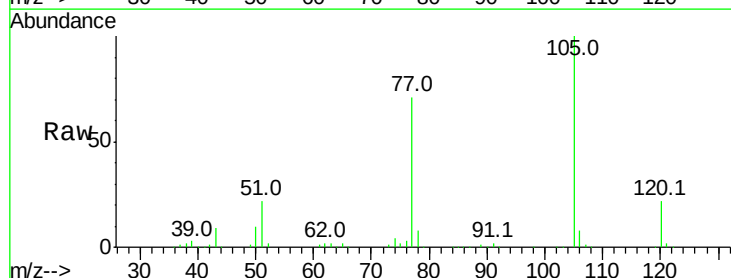
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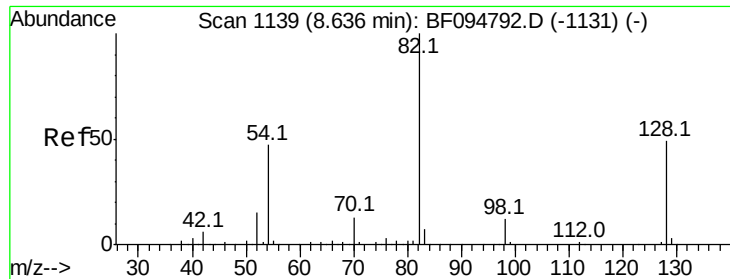
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#22  
Acetophenone  
Concen: 35.69 ng  
RT: 8.45 min Scan# 1107  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.0   | 2.8  | 4.2#  |       |
| 51      | 22.3  | 30.7 | 46.1# |       |
| 120     | 21.7  | 17.4 | 26.0  |       |





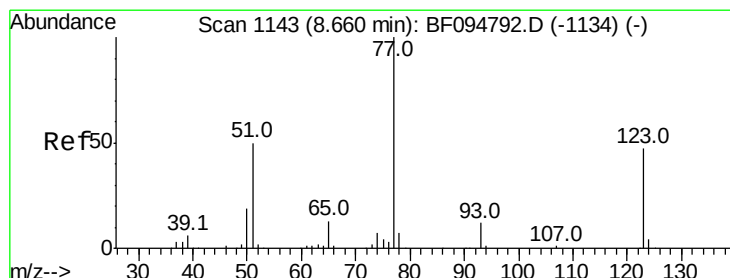
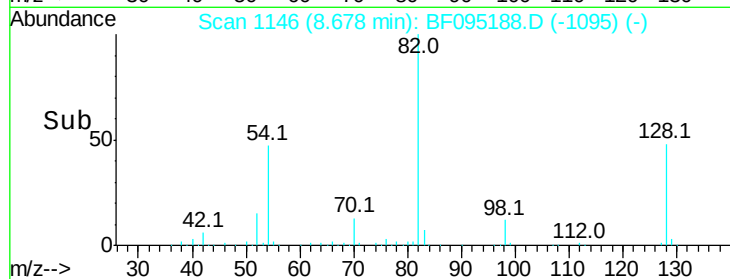
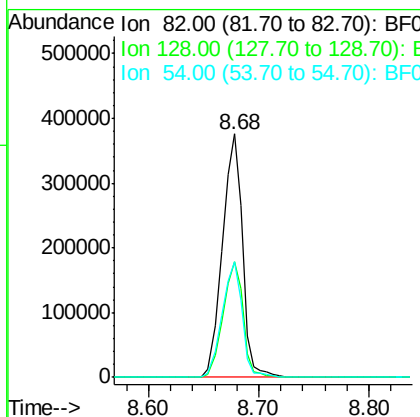
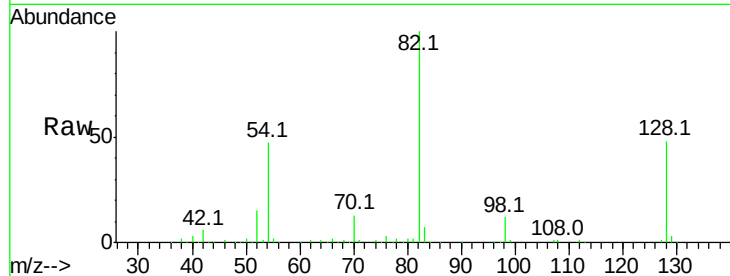
#23  
 Nitrobenzene-d5  
 Concen: 71.87 ng  
 RT: 8.68 min Scan# 1146  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 477823 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 47.7  | 34.0  | 51.0   |
| 54        | 47.4  | 42.2  | 63.2   |

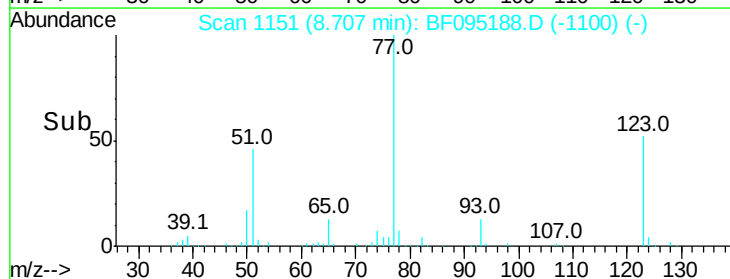
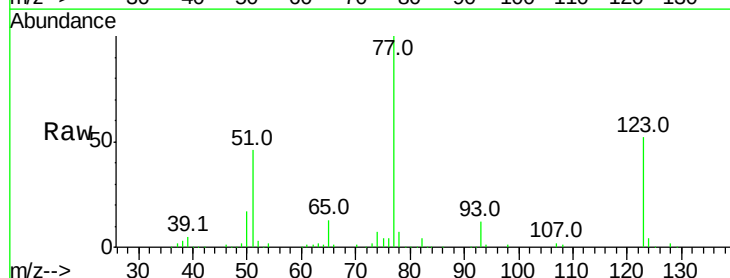
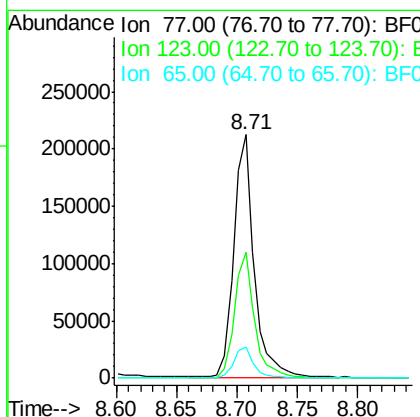
Manual Integrations  
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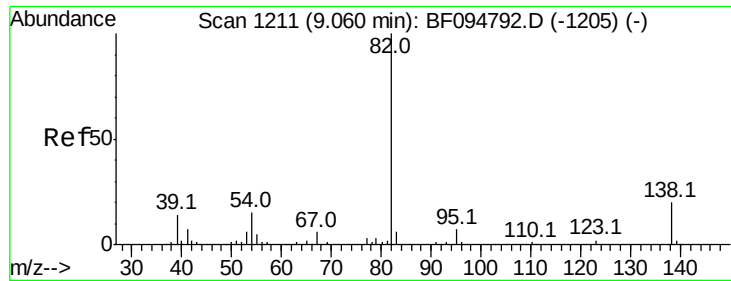


#24  
 Nitrobenzene  
 Concen: 35.74 ng  
 RT: 8.71 min Scan# 1151  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 249090 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 51.9  | 35.8  | 53.8   |
| 65        | 12.6  | 10.6  | 15.8   |







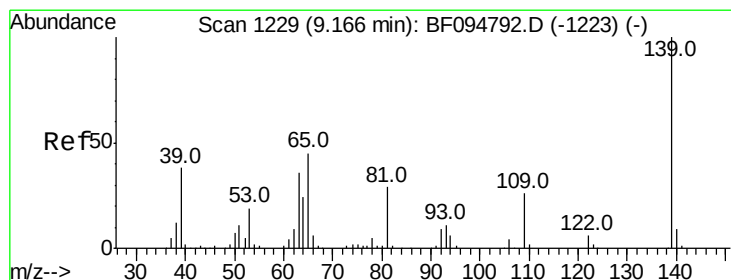
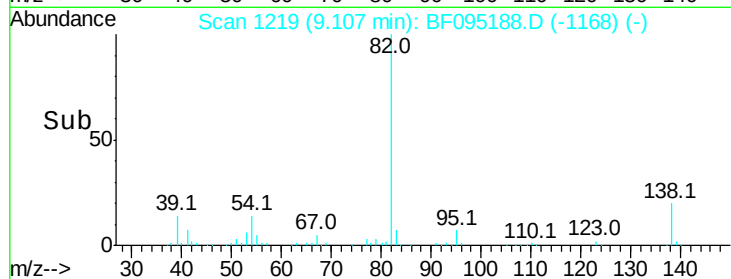
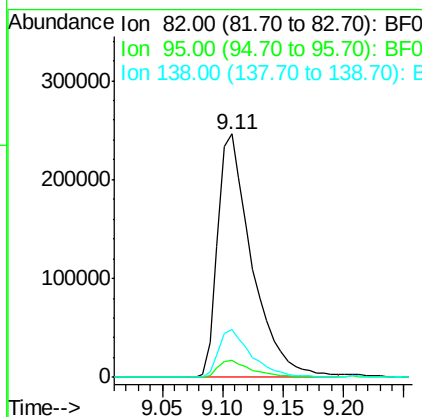
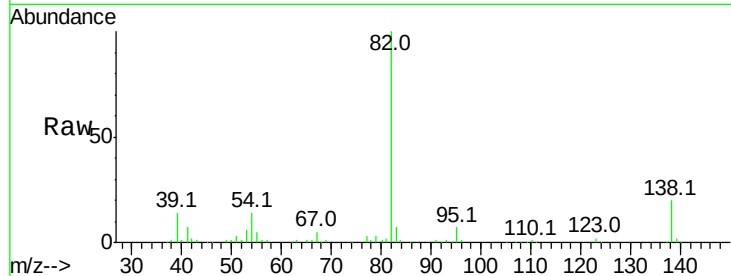
#25  
Isophorone  
Concen: 40.74 ng  
RT: 9.11 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 483621 |       |       |
| 95      | 7.1   | 5.3    | 7.9   |       |
| 138     | 19.9  | 13.1   | 19.7  |       |

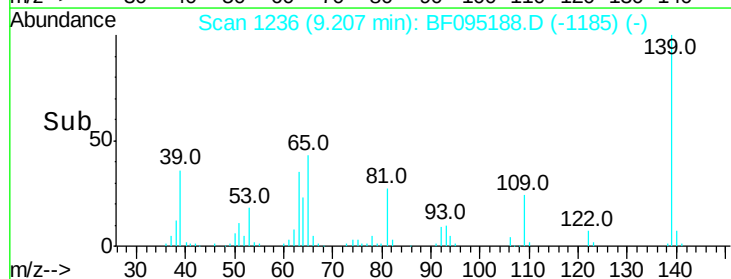
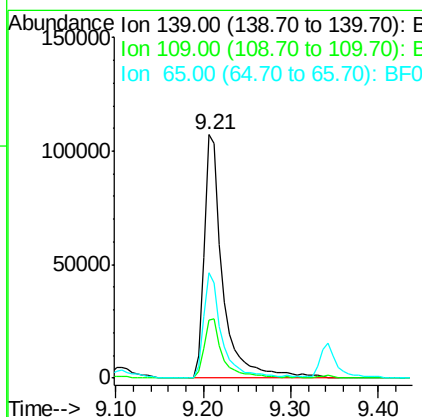
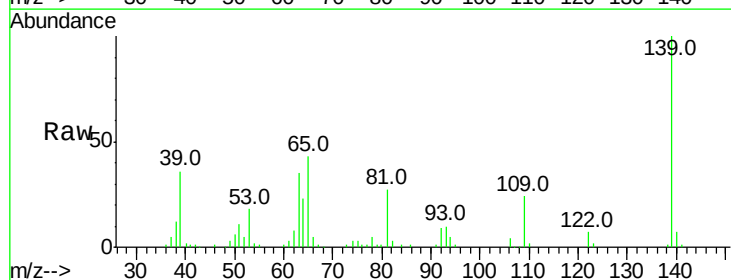
Manual Integrations  
APPROVED

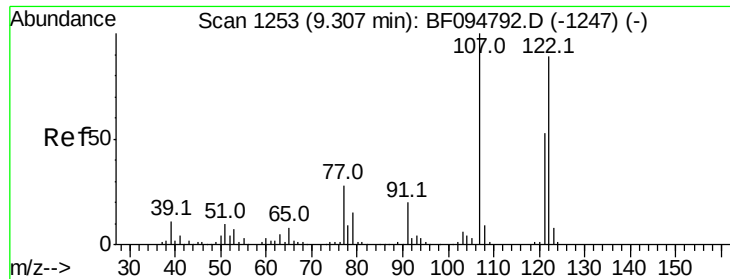
mohammad  
5/18/2017 2:29:08 PM



#26  
2-Nitrophenol  
Concen: 42.26 ng  
RT: 9.21 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 158912 |       |       |
| 109     | 24.0  | 21.0   | 31.6  |       |
| 65      | 43.3  | 33.0   | 49.6  |       |





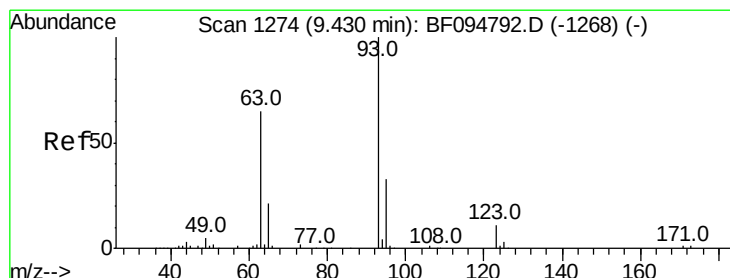
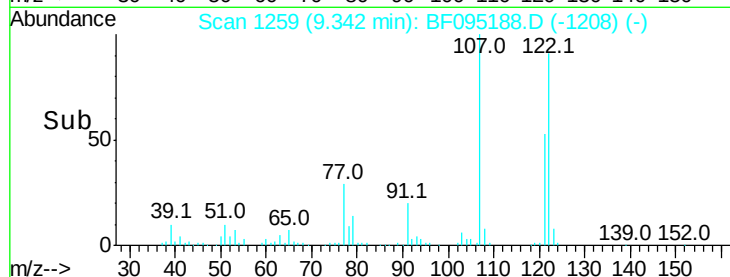
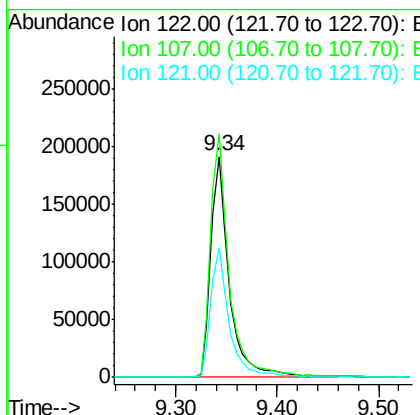
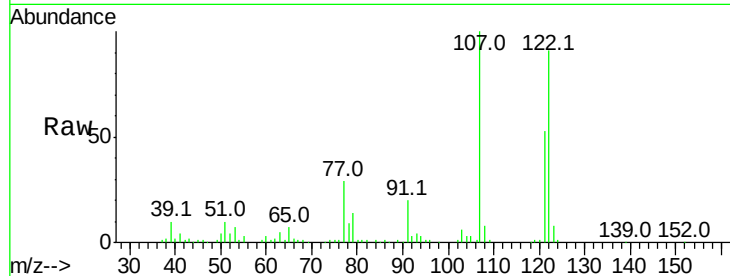
#27  
 2,4-Dimethylphenol  
 Concen: 40.30 ng  
 RT: 9.34 min Scan# 1259  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 244990 |       |       |
| 107     | 110.3 | 89.2   | 133.8 |       |
| 121     | 58.7  | 45.2   | 67.8  |       |

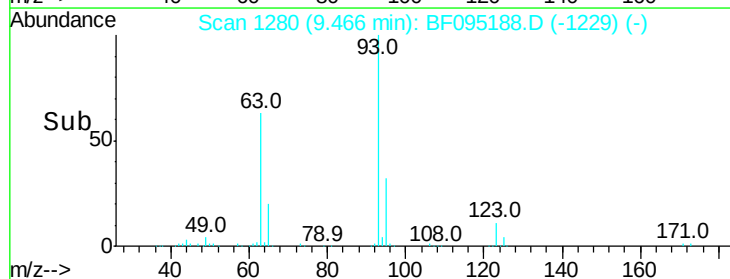
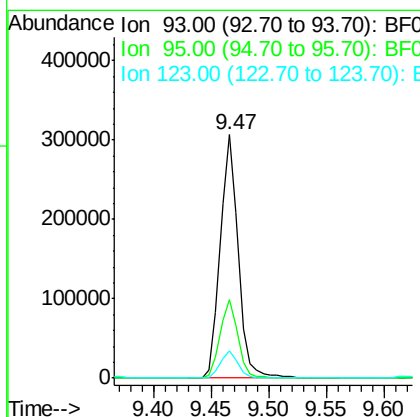
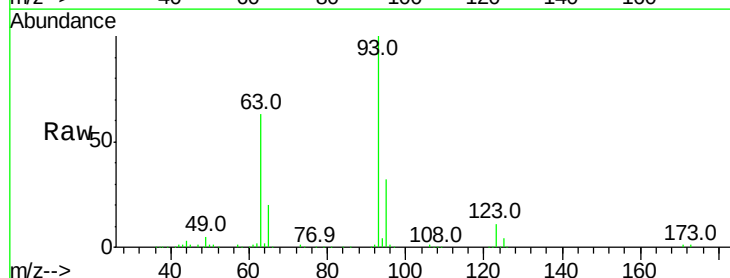
Manual Integrations  
 APPROVED

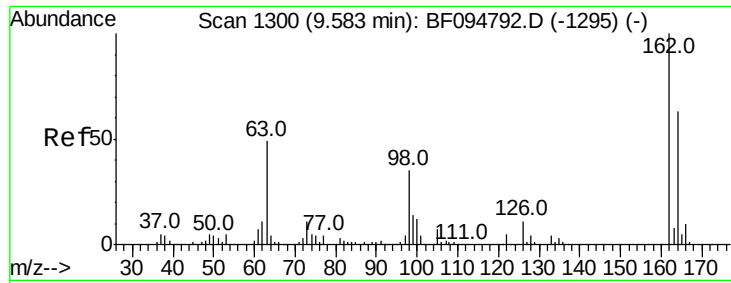
mohammad  
 5/18/2017 2:29:08 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.47 ng  
 RT: 9.47 min Scan# 1280  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 332359 |       |       |
| 95      | 32.4  | 26.5   | 39.7  |       |
| 123     | 11.3  | 9.0    | 13.4  |       |





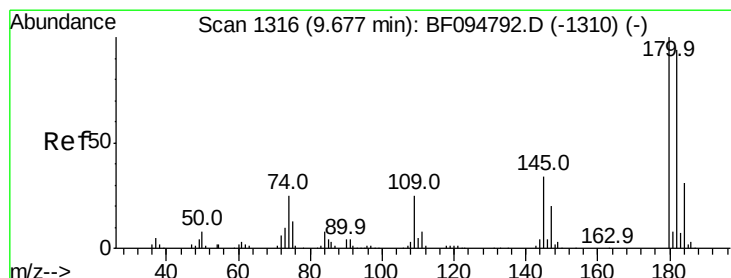
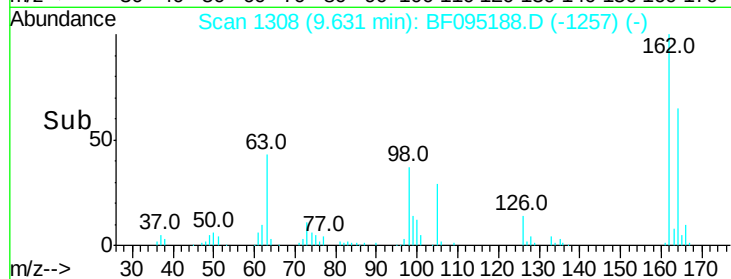
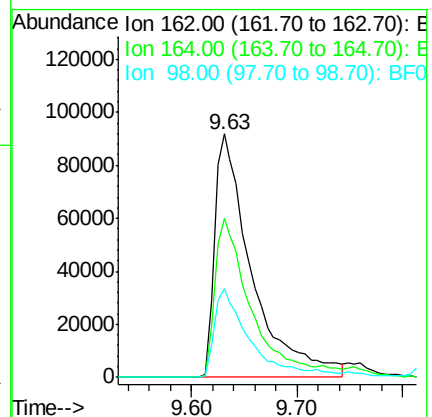
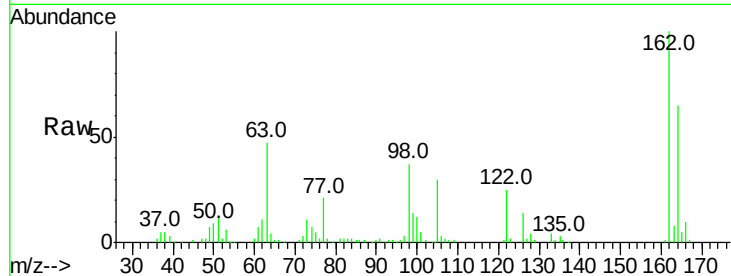
#29  
 2,4-Dichlorophenol  
 Concen: 39.28 ng  
 RT: 9.63 min Scan# 1308  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 225459 |       |       |
| 164     | 65.4  |        | 44.6  | 84.6  |
| 98      | 36.6  |        | 14.8  | 54.8  |

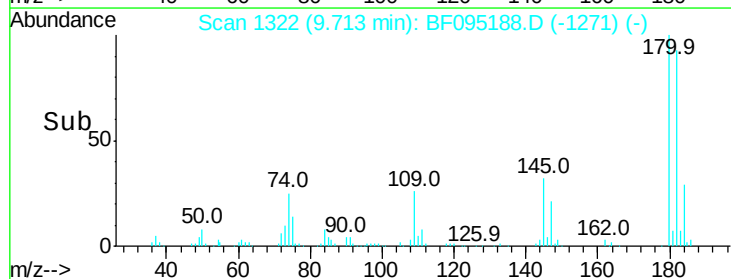
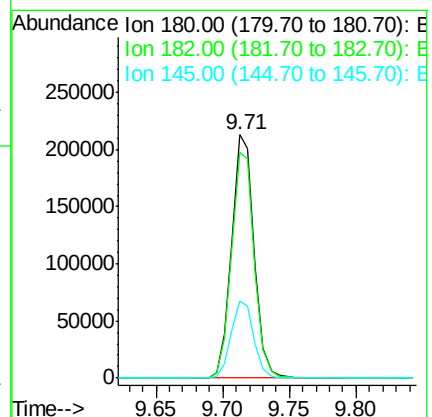
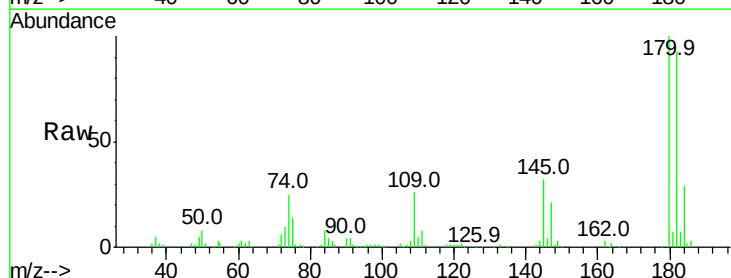
Manual Integrations  
 APPROVED

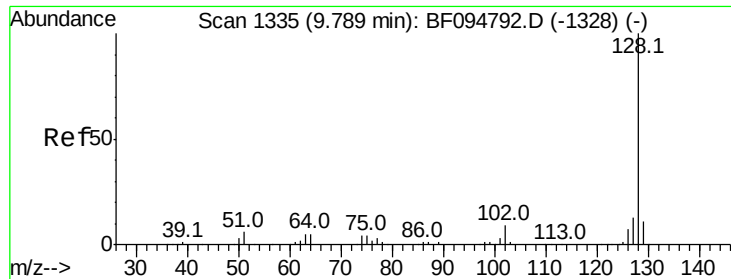
mohammad  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.98 ng  
 RT: 9.71 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 251998 |       |       |
| 182     | 92.7  |        | 75.8  | 113.6 |
| 145     | 31.5  |        | 25.3  | 37.9  |





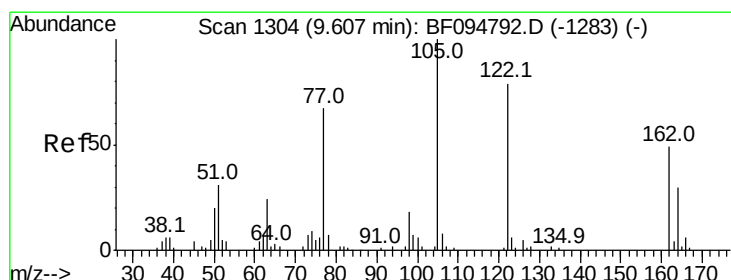
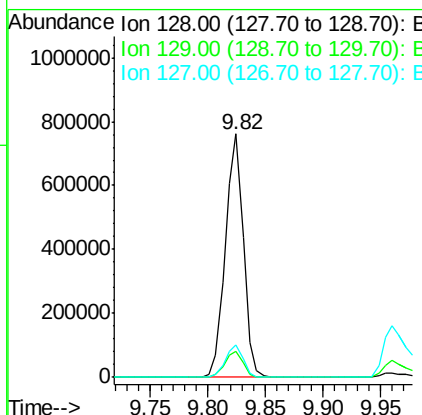
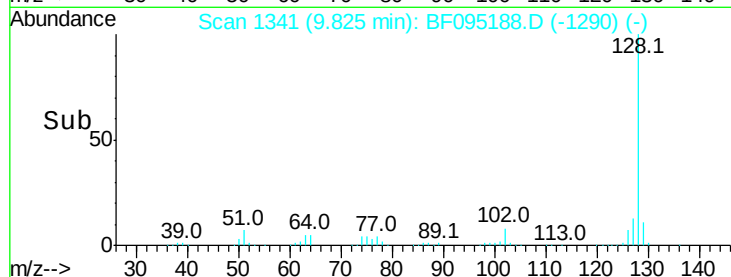
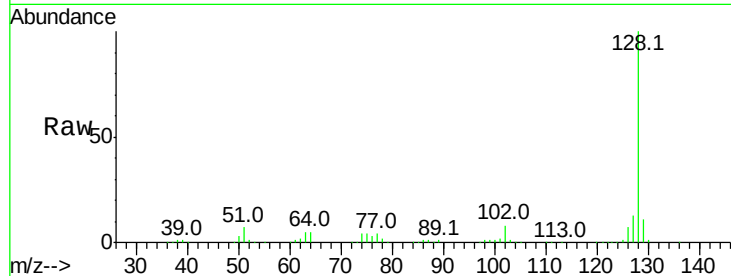
#31  
Naphthalene  
Concen: 39.07 ng  
RT: 9.82 min Scan# 1341  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.7  | 9.0   | 13.6  |
| 127     | 13.5  | 10.8  | 16.2  |

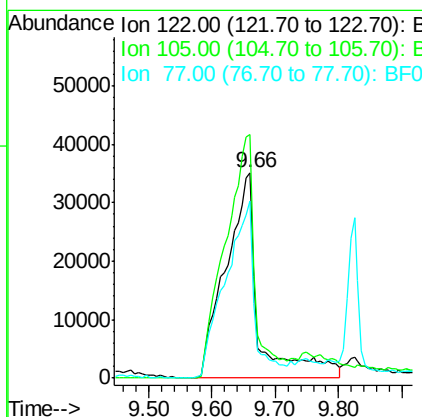
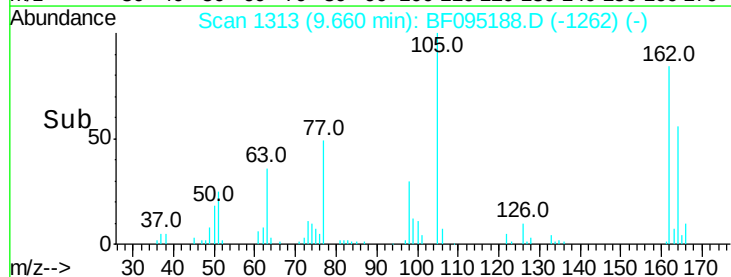
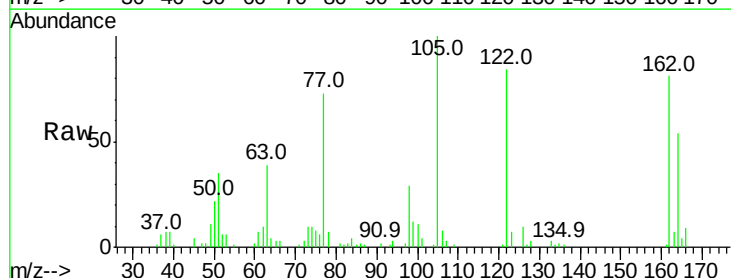
Manual Integrations  
APPROVED

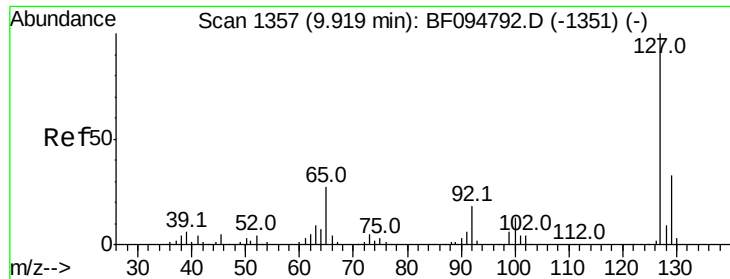
mohammad  
5/18/2017 2:29:08 PM



#32  
Benzoic acid  
Concen: 33.35 ng m  
RT: 9.66 min Scan# 1313  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 118.5 | 103.3 | 143.3 |
| 77      | 86.1  | 73.7  | 113.7 |





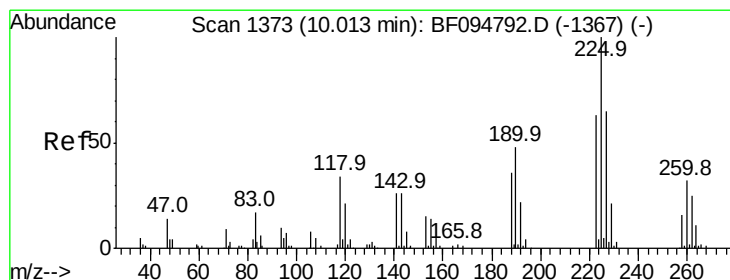
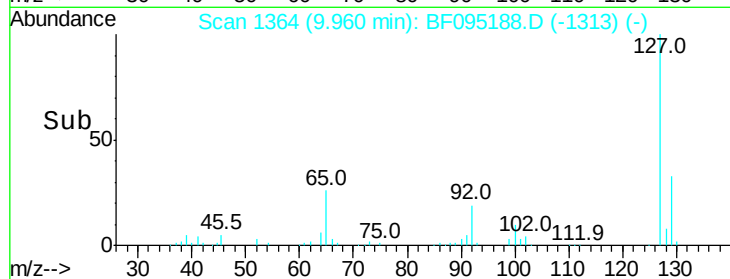
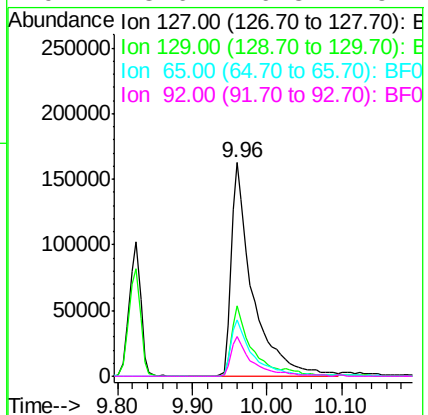
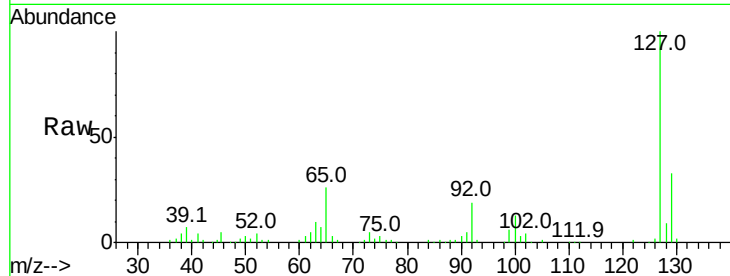
#33  
4-Chloroaniline  
Concen: 41.43 ng  
RT: 9.96 min Scan# 1364  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.8  | 26.2 | 39.2  |       |
| 65      | 26.4  | 27.8 | 41.8  |       |
| 92      | 18.6  | 16.8 | 25.2  |       |

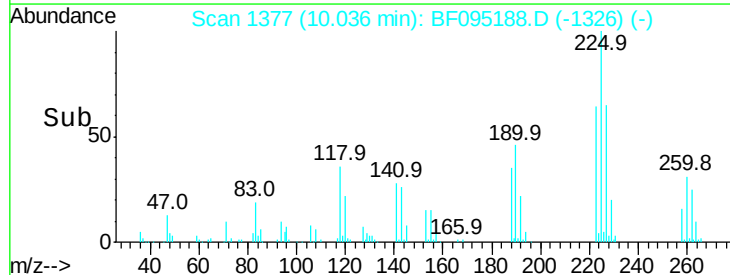
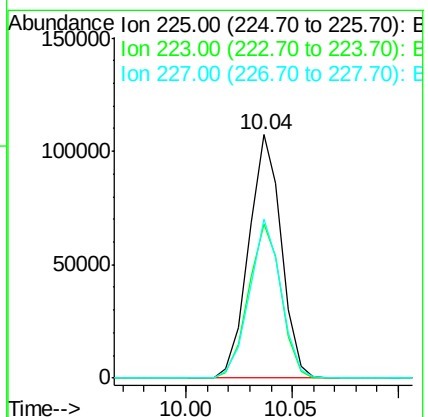
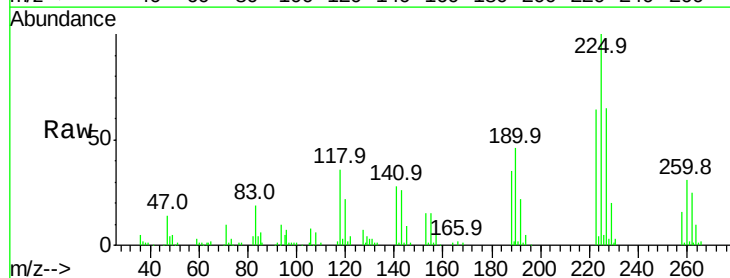
Manual Integrations  
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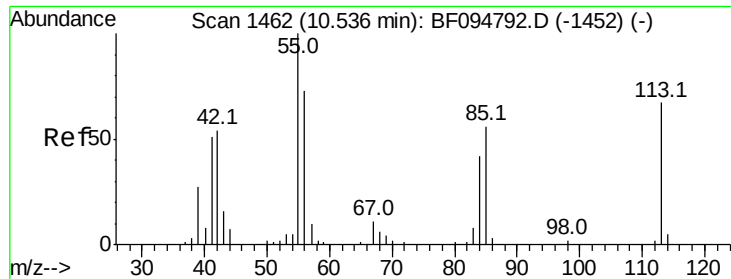
mohammad  
5/18/2017 2:29:08 PM



#34  
Hexachlorobutadiene  
Concen: 35.26 ng  
RT: 10.04 min Scan# 1377  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.5  | 48.8 | 73.2  |       |
| 227     | 65.1  | 51.1 | 76.7  |       |





#35

Caprolactam

Concen: 36.90 ng/mL

RT: 10.60 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA\_F

ClientSampleID :

SSTDCCC040

Tot Ion: 113 Resp: 63605

Ion Ratio Lower Upper

113 100

55 141.1 150.2 190.2#

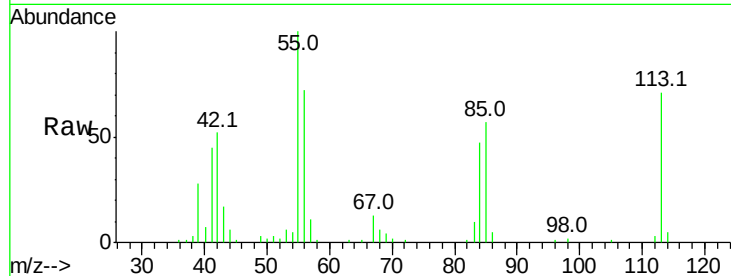
56 102.2 107.8 147.8#

Manual Integrations

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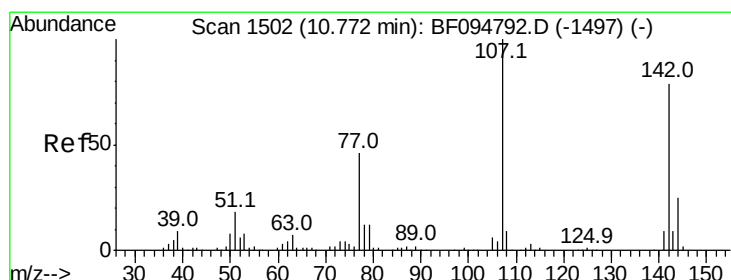
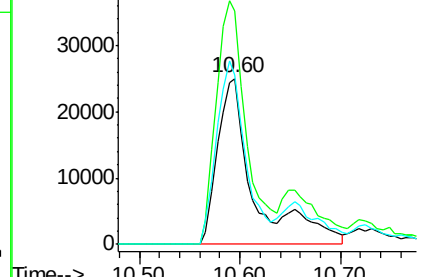
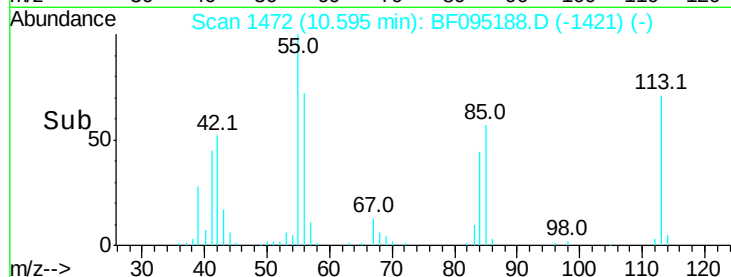
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.69 ng/mL

RT: 10.81 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

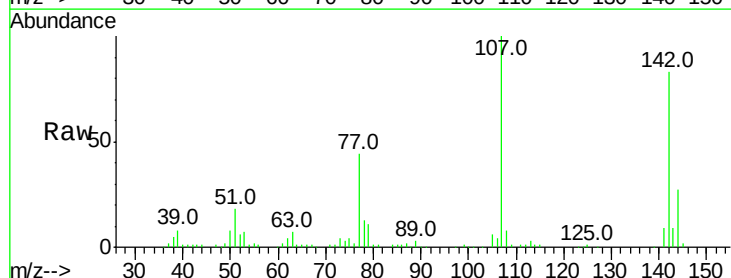
Tgt Ion: 107 Resp: 249731

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

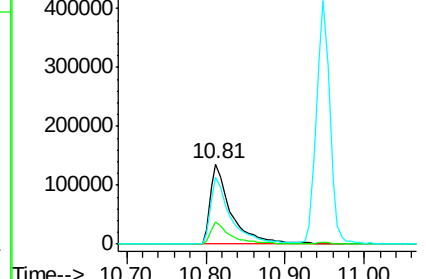
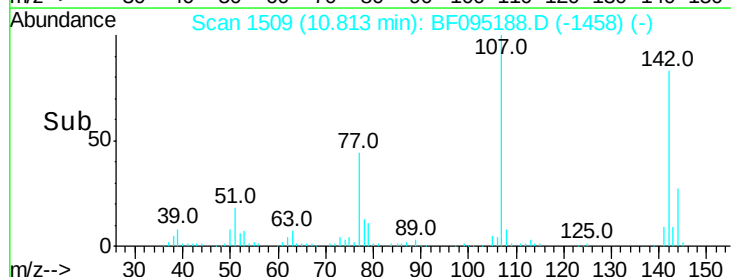
142 83.0 73.4 110.0

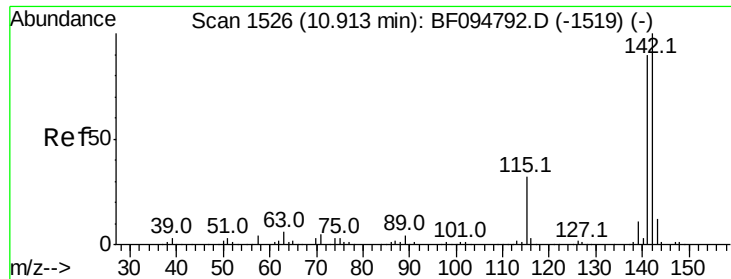


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





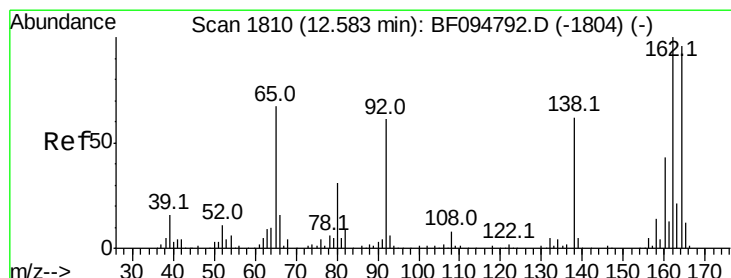
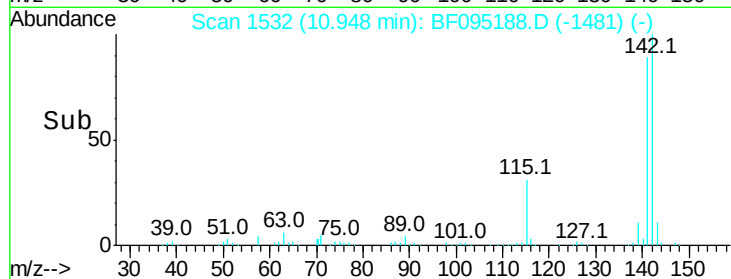
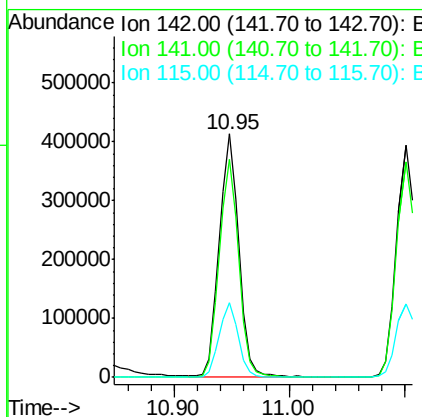
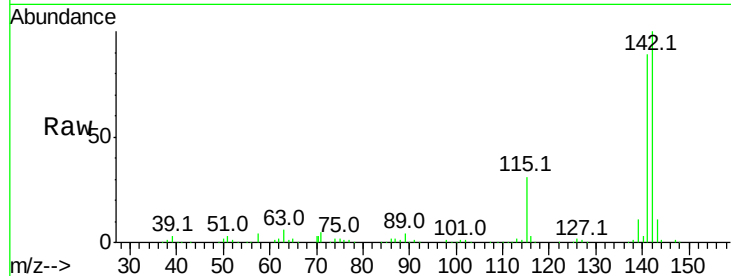
#37  
2-Methylnaphthalene  
Concen: 35.31 ng  
RT: 10.95 min Scan# 1532  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.4  | 71.3  | 106.9 |
| 115     | 30.5  | 27.1  | 40.7  |

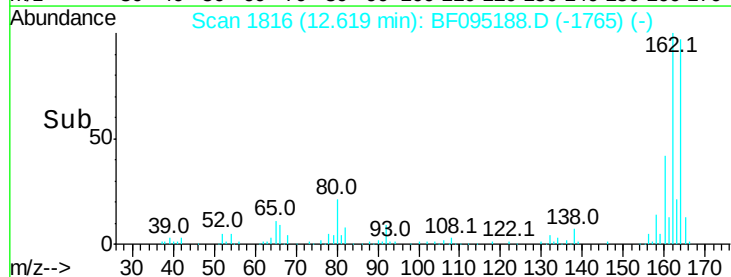
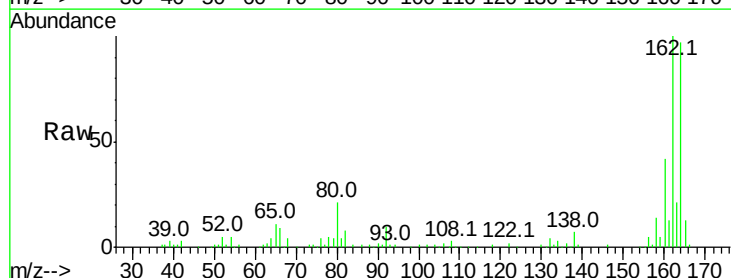
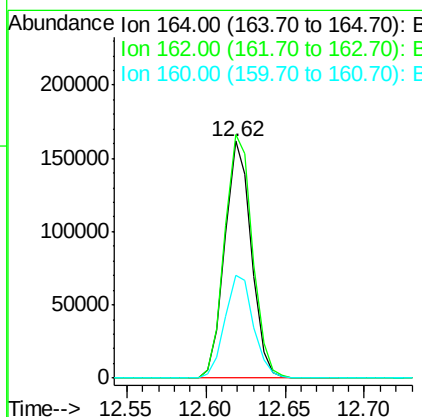
Manual Integrations  
APPROVED

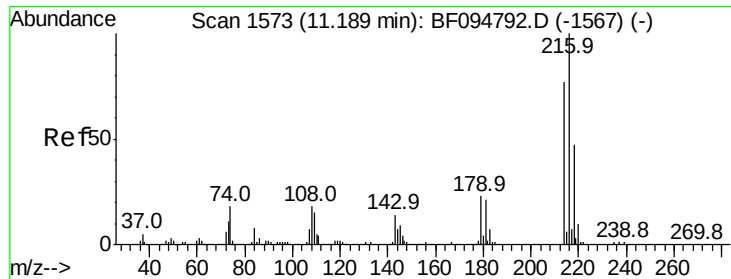
mohammad  
5/18/2017 2:29:08 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.62 min Scan# 1816  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.7 | 82.6  | 123.8 |
| 160     | 43.6  | 36.2  | 54.2  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.77 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA\_F

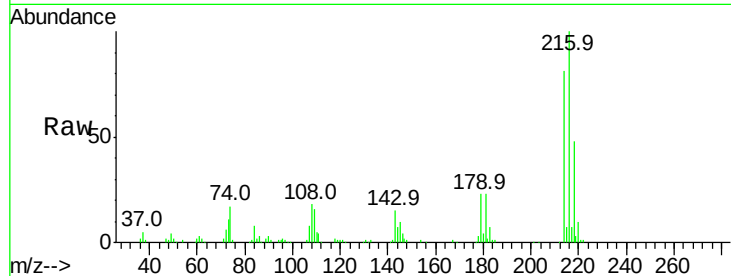
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.4  | 63.4  | 95.2  |
| 179     | 22.1  | 17.9  | 26.9  |
| 108     | 18.7  | 16.5  | 24.7  |

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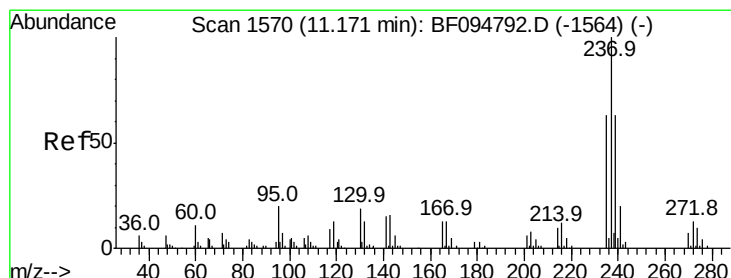
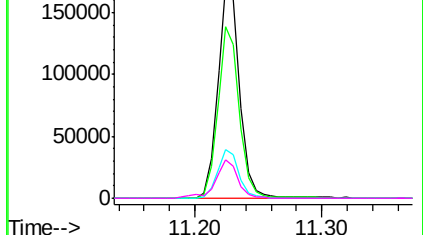
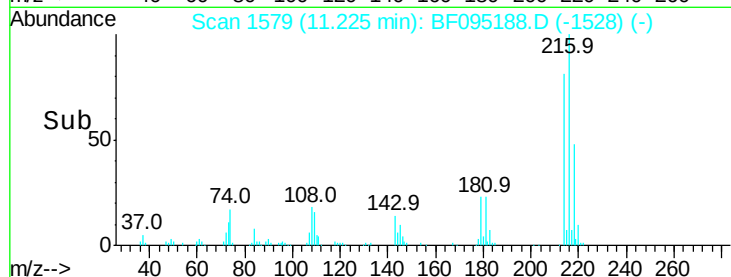


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.52 ng

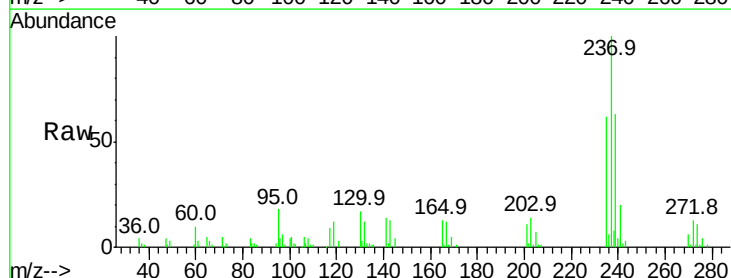
RT: 11.20 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

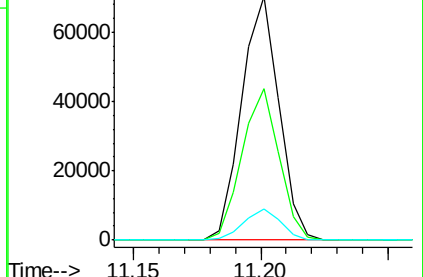
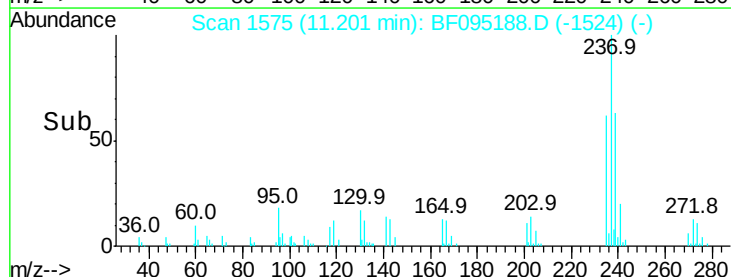
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.3  | 42.6  | 82.6  |
| 272     | 12.6  | 0.0   | 31.9  |



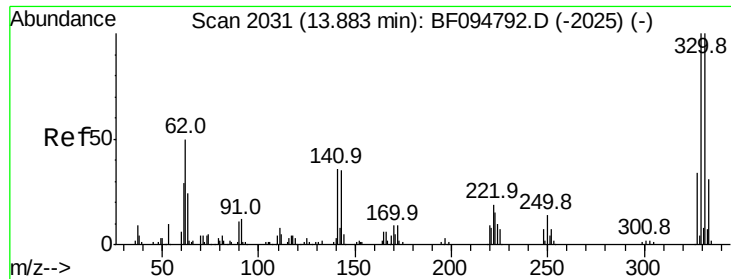
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







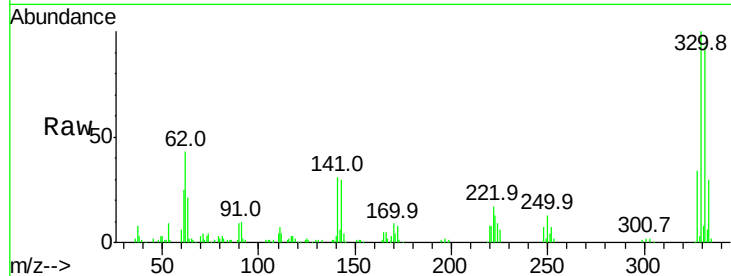
#41  
 2,4,6-Tribromophenol  
 Concen: 81.32 ng  
 RT: 13.92 min Scan# 2038  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

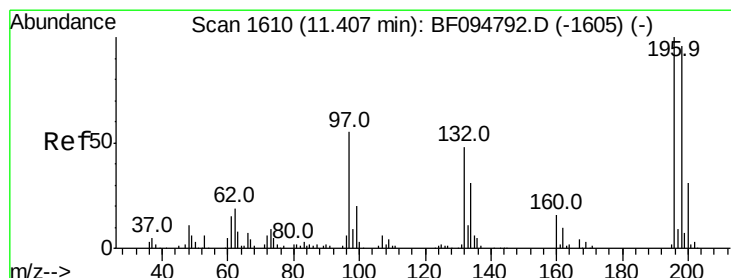
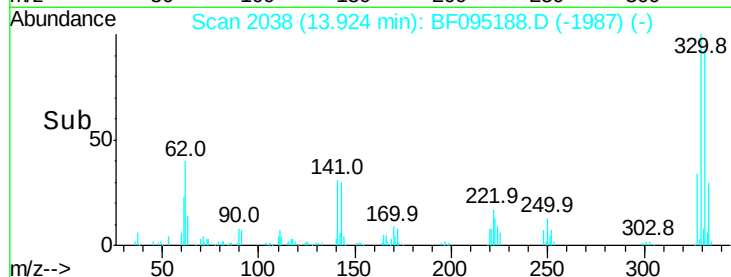
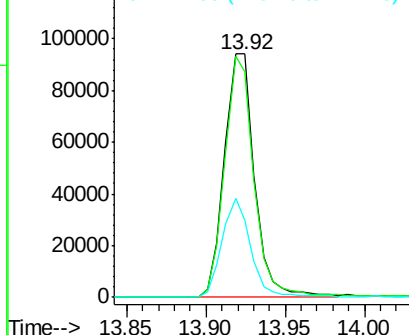
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 124935 |       |       |
| 332     | 96.0  | 76.6   | 115.0 |       |
| 141     | 38.7  | 31.4   | 47.2  |       |

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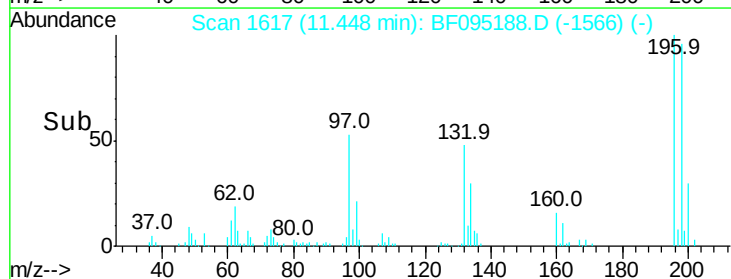
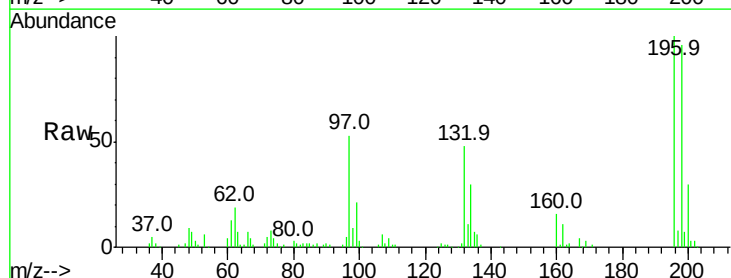
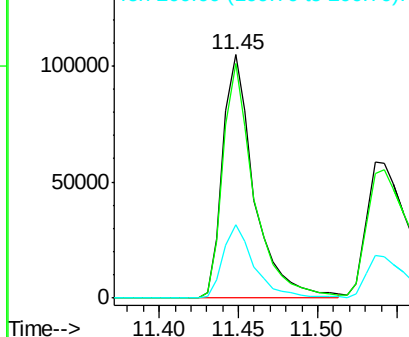
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

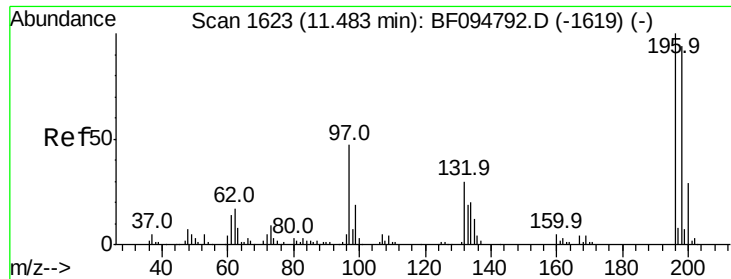


#42  
 2,4,6-Trichlorophenol  
 Concen: 37.47 ng  
 RT: 11.45 min Scan# 1617  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 144332 |       |       |
| 198     | 96.3  | 74.2   | 111.4 |       |
| 200     | 30.1  | 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





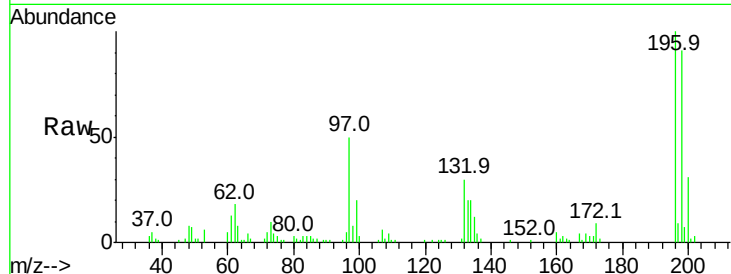
#43  
 2,4,5-Trichlorophenol  
 Concen: 33.72 ng  
 RT: 11.54 min Scan# 1632  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 139569 |       |       |
| 198     | 91.4  | 75.7   | 113.5 |       |
| 97      | 49.6  | 47.7   | 71.5  |       |
| 132     | 29.8  | 28.0   | 42.0  |       |

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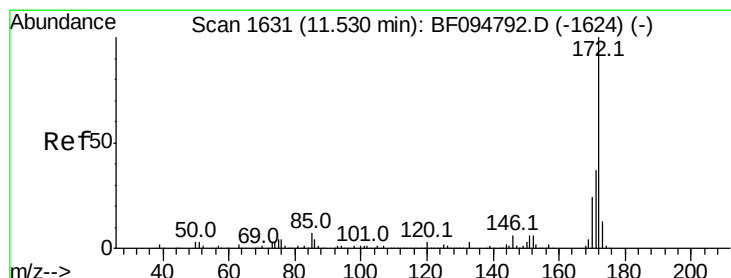
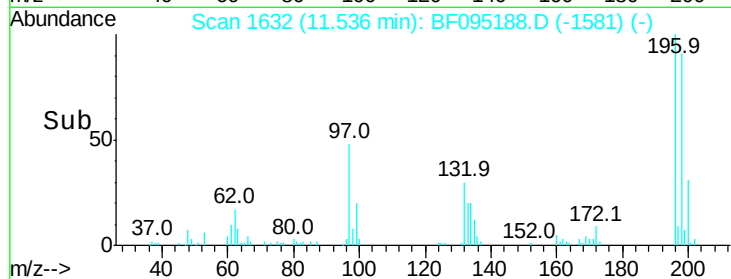
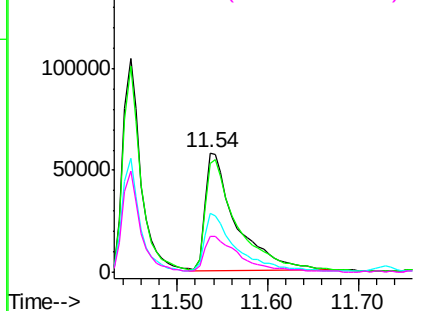
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

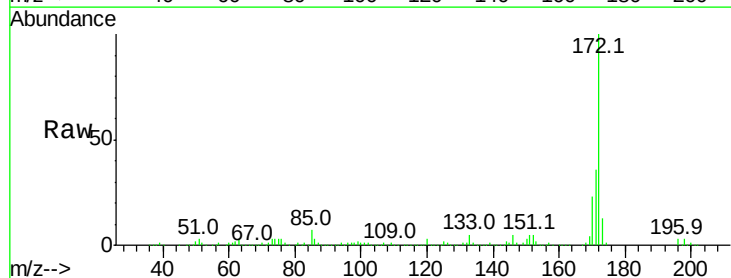
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 72.86 ng  
 RT: 11.57 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 949578 |       |       |
| 171     | 35.7  | 29.6   | 44.4  |       |
| 170     | 23.3  | 19.8   | 29.8  |       |

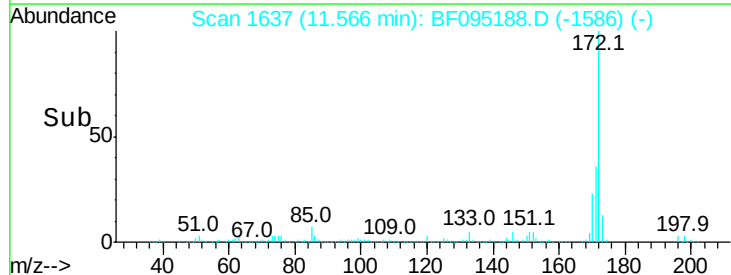
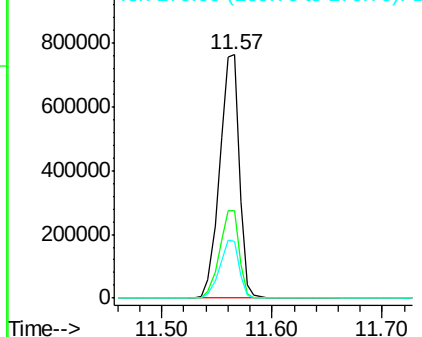


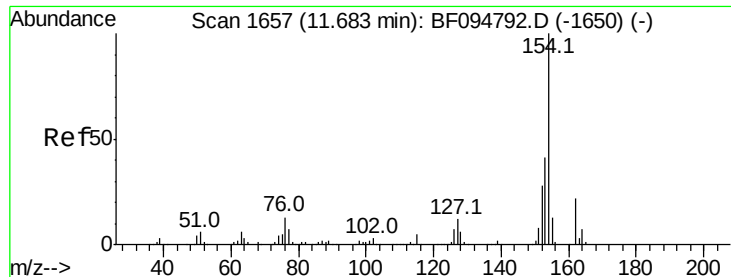
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.07 ng

RT: 11.71 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA\_F

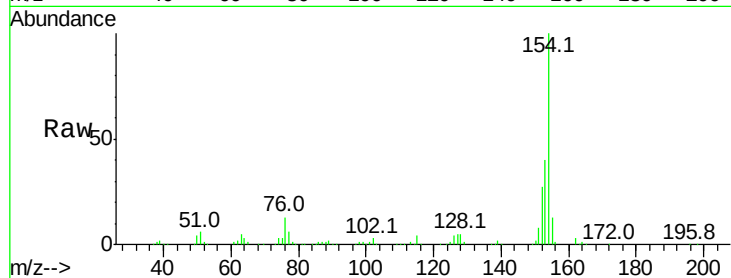
ClientSampleId :

SSTDCCC040

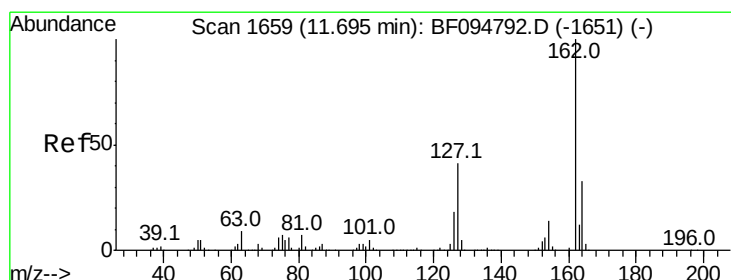
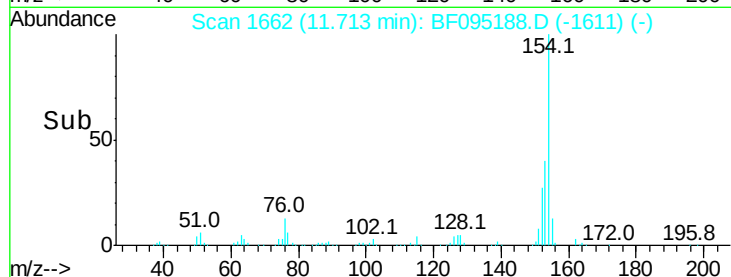
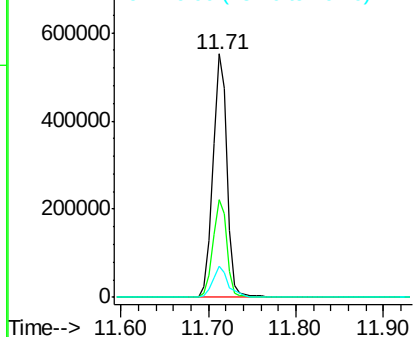
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 616978 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.1  | 21.2  | 61.2   |
| 76        | 12.7  | 0.0   | 29.9   |

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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



#46

2-Chloronaphthalene

Concen: 38.42 ng

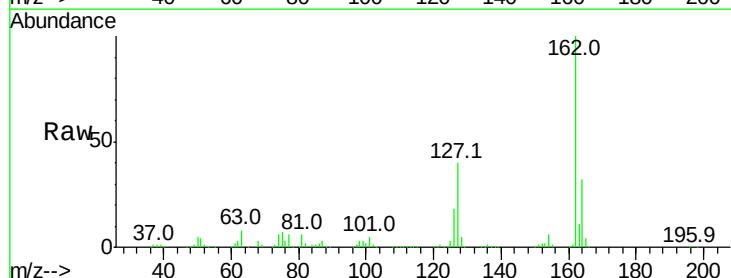
RT: 11.73 min Scan# 1665

Delta R.T. 0.00 min

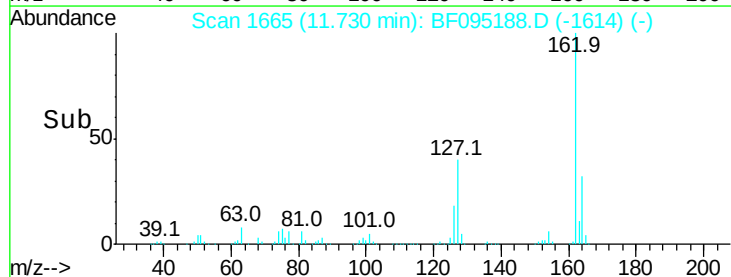
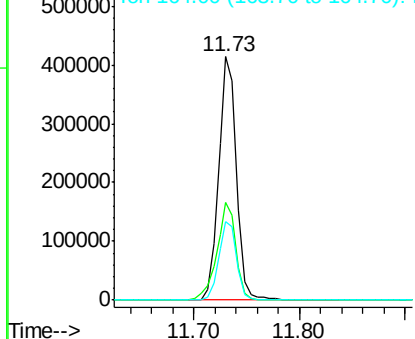
Lab File: BF095188.D

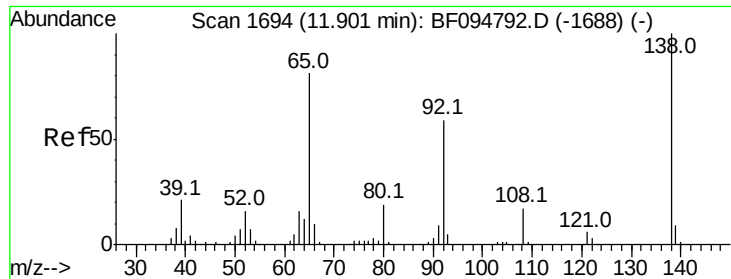
Acq: 17 May 2017 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 489995 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 40.3  | 28.3  | 42.5   |
| 164       | 32.1  | 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: 39.46 ng

RT: 11.95 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 137724

Ion Ratio Lower Upper

65 100

92 71.3 53.9 80.9

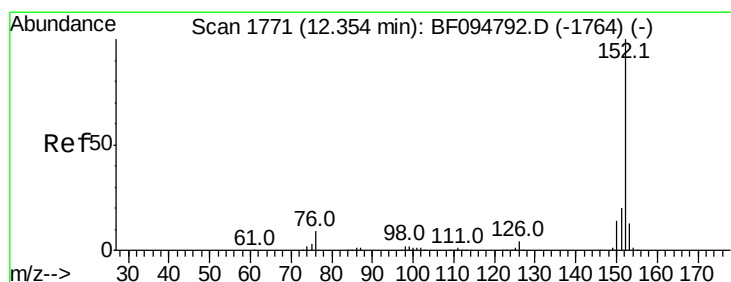
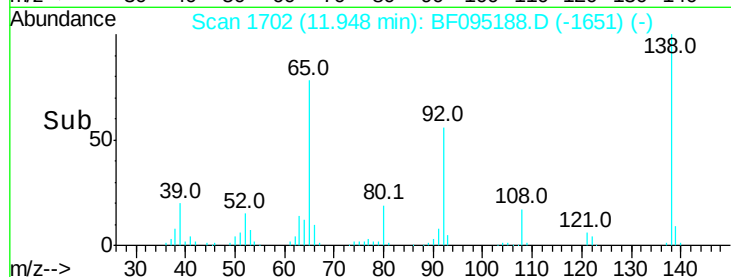
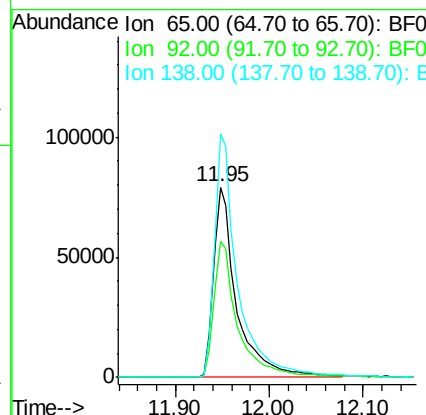
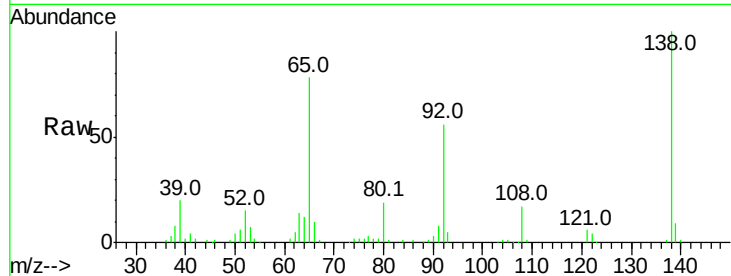
138 127.8 78.8 118.2#

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#48

Acenaphthylene

Concen: 40.21 ng

RT: 12.39 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

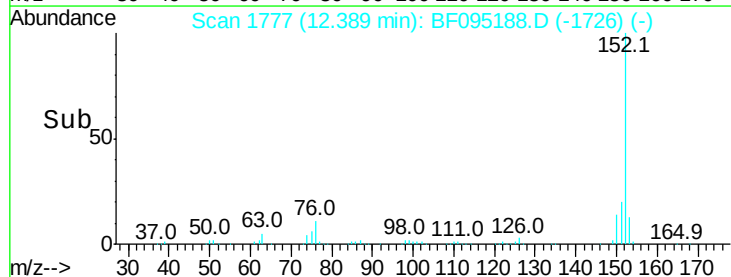
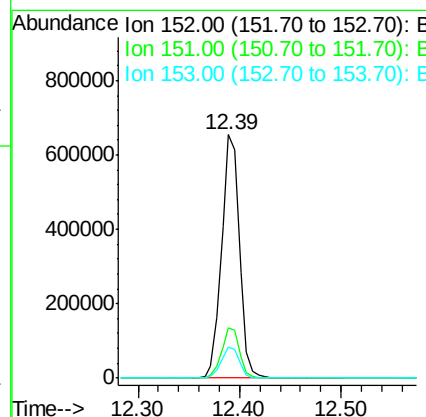
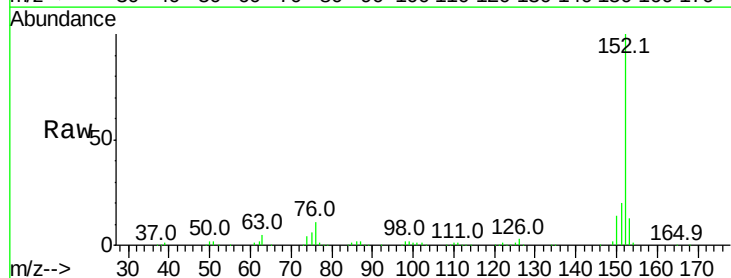
Tgt Ion: 152 Resp: 803092

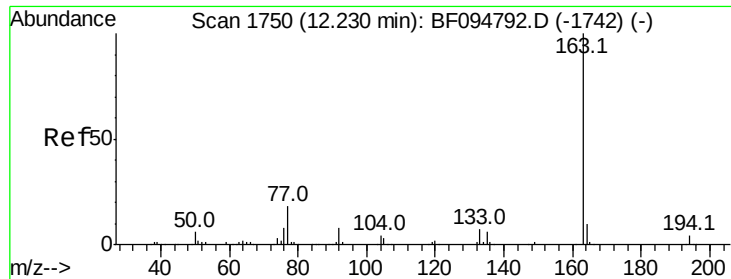
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 12.9 10.8 16.2





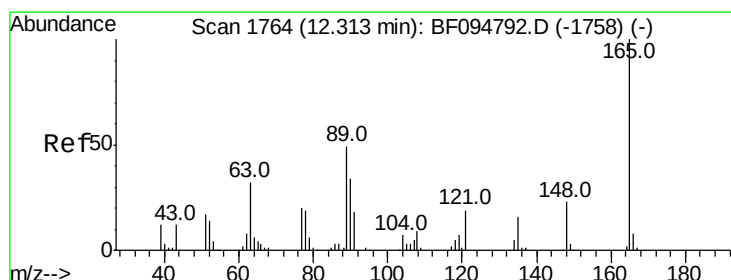
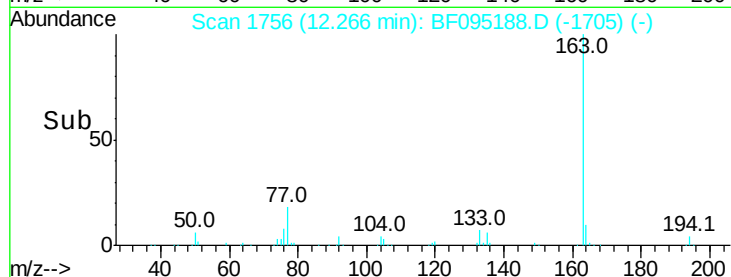
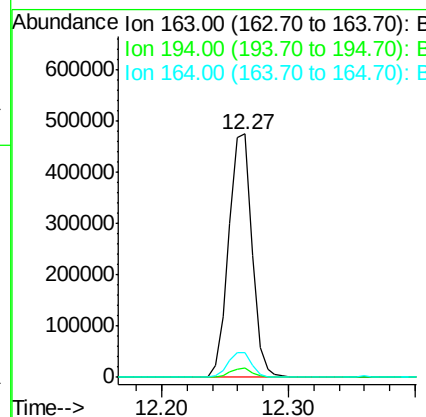
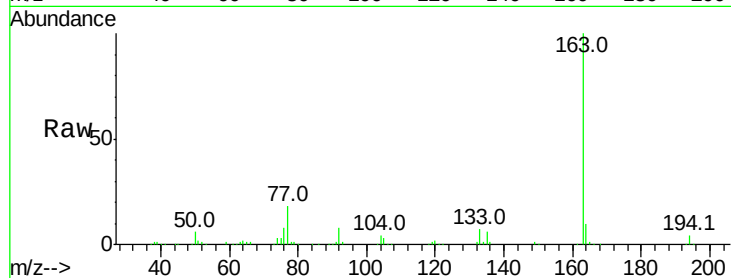
#49  
Dimethylphthalate  
Concen: 39.26 ng  
RT: 12.27 min Scan# 1756  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 604530 |       |       |
| 194     | 3.7   |        | 2.6   | 4.0   |
| 164     | 9.9   |        | 8.4   | 12.6  |

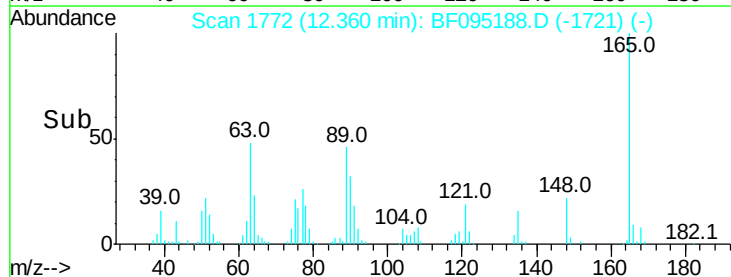
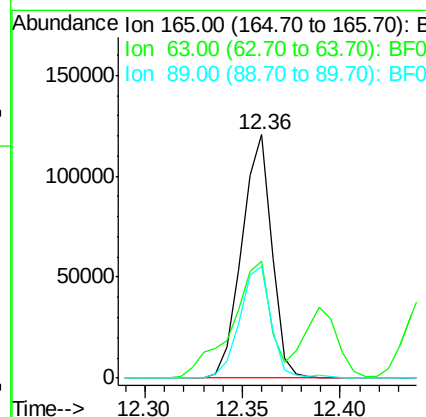
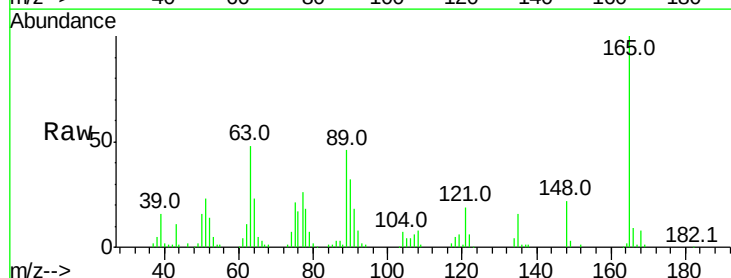
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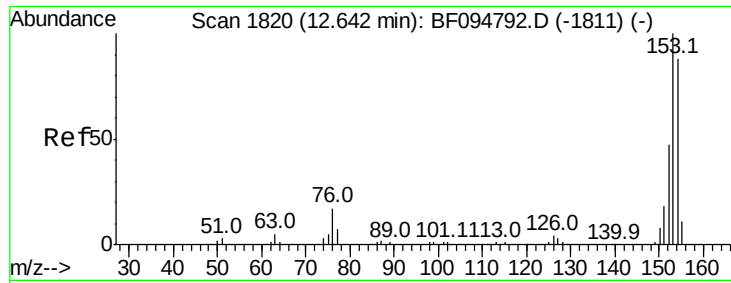
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#50  
2,6-Dinitrotoluene  
Concen: 40.83 ng  
RT: 12.36 min Scan# 1772  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 128289 |       |       |
| 63      | 47.9  |        | 34.3  | 51.5  |
| 89      | 46.1  |        | 37.1  | 55.7  |





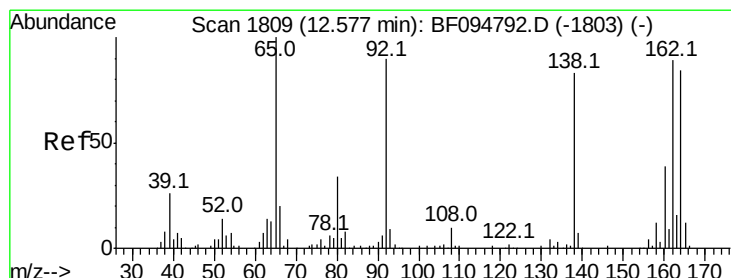
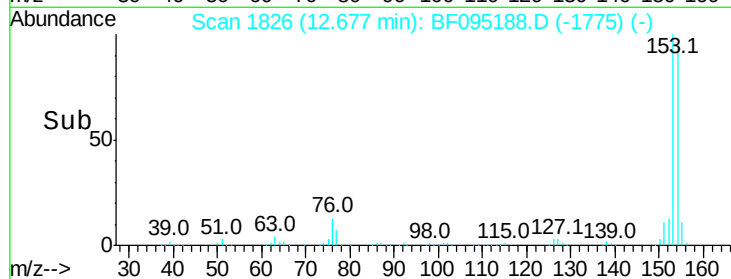
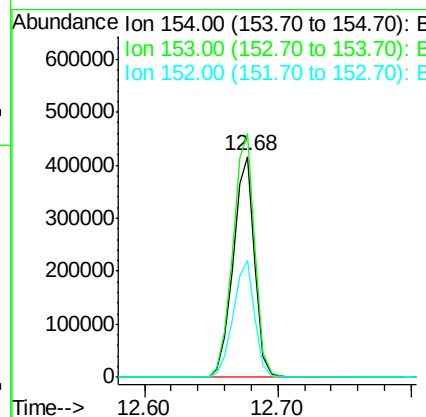
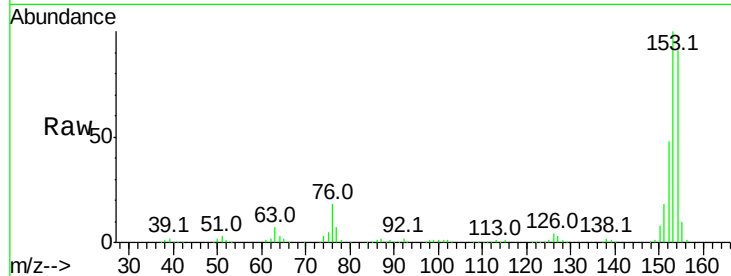
#51  
Acenaphthene  
Concen: 39.31 ng  
RT: 12.68 min Scan# 1826  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 110.3 | 90.5  | 135.7 |
| 152     | 52.9  | 43.6  | 65.4  |

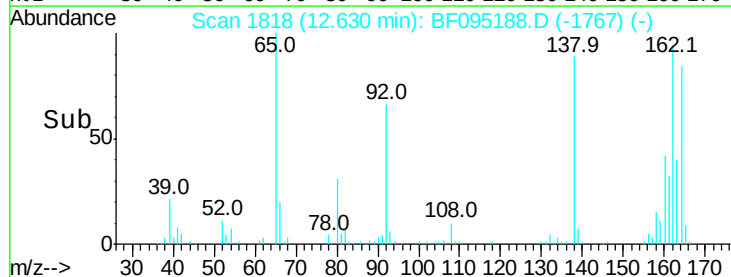
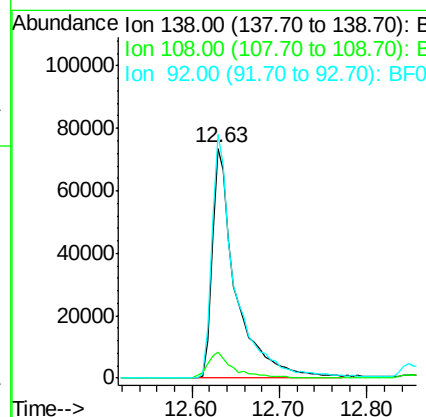
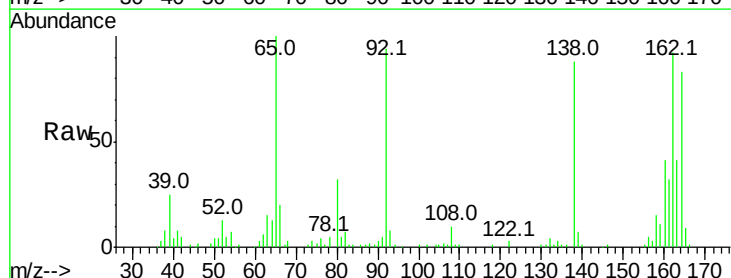
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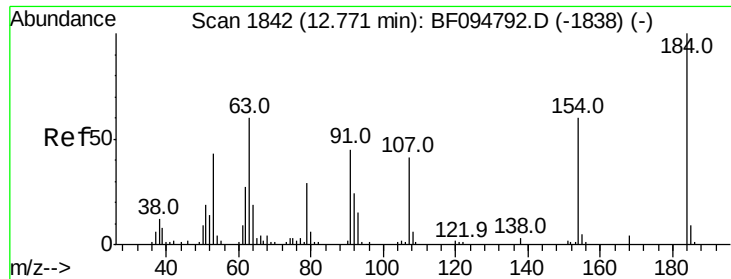
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#52  
3-Nitroaniline  
Concen: 40.56 ng  
RT: 12.63 min Scan# 1818  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.4  | 9.1   | 13.7  |
| 92      | 105.9 | 93.8  | 140.6 |





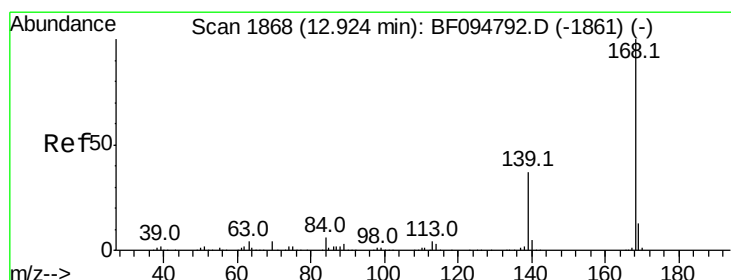
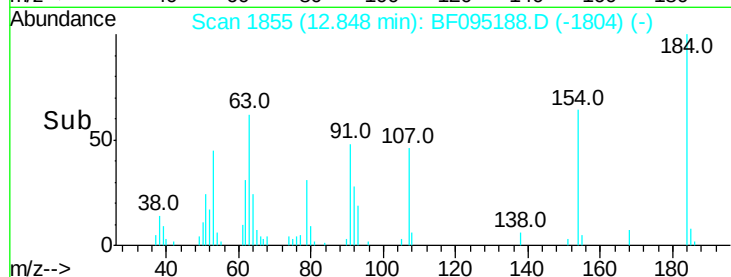
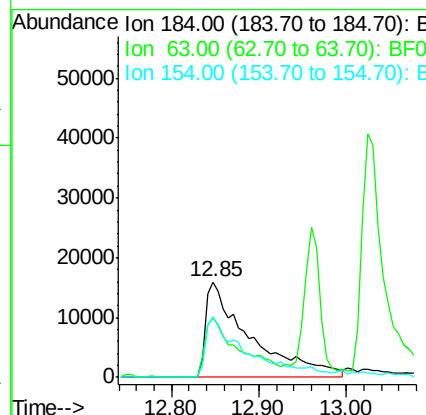
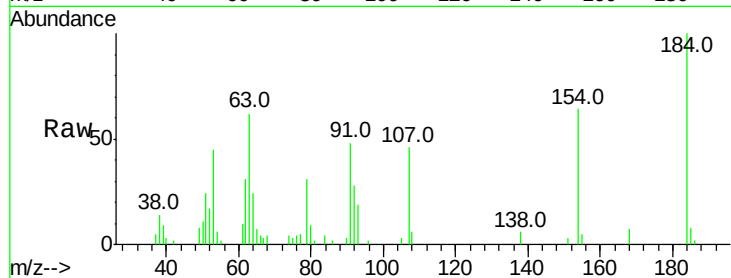
#53  
 2,4-Dinitrophenol  
 Concen: 35.78 ng  
 RT: 12.85 min Scan# 1855  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040

Tot Ion:184 Resp: 55442  
 Ion Ratio Lower Upper  
 184 100  
 63 61.7 62.7 94.1#  
 154 63.9 81.1 121.7#

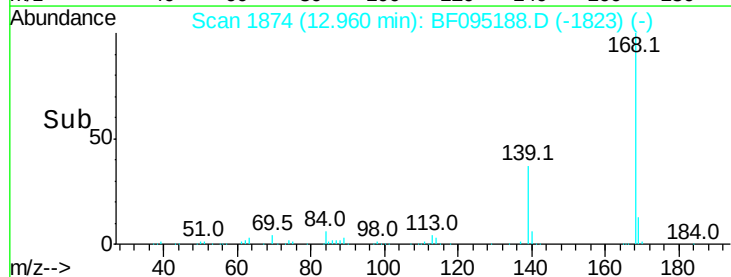
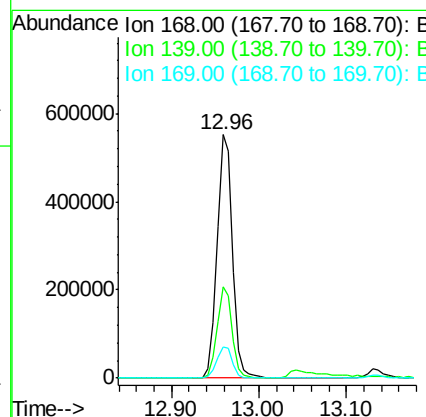
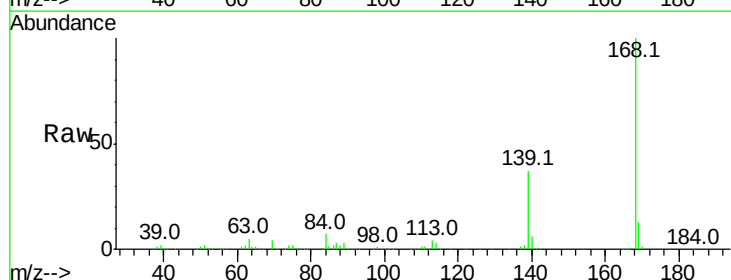
Manual Integrations  
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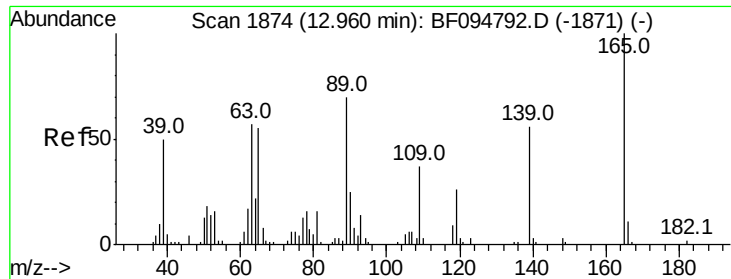
mohammad  
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#54  
 Dibenzofuran  
 Concen: 40.77 ng  
 RT: 12.96 min Scan# 1874  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Tgt Ion:168 Resp: 673159  
 Ion Ratio Lower Upper  
 168 100  
 139 37.3 30.6 45.8  
 169 12.7 10.8 16.2





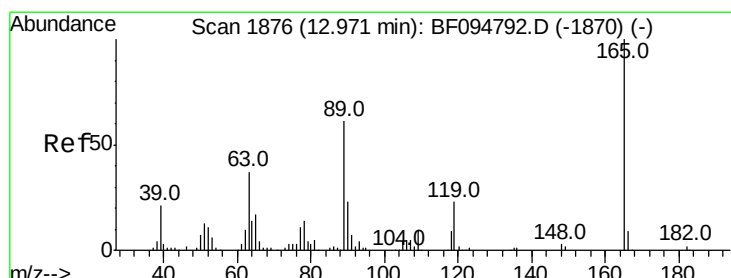
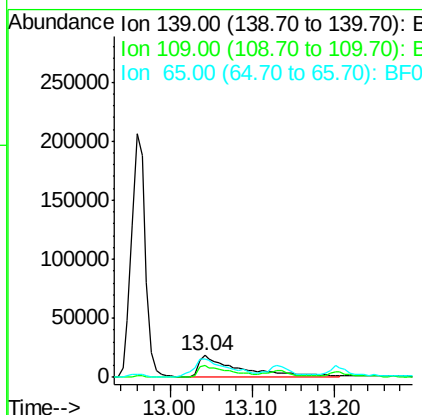
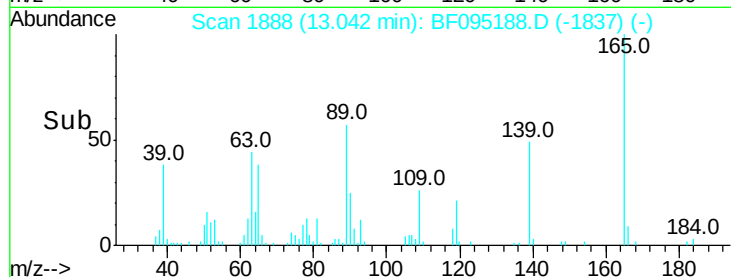
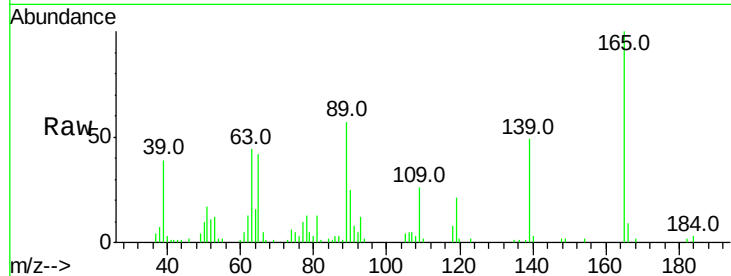
#55  
4-Nitrophenol  
Concen: 32.51 ng/ml  
RT: 13.04 min Scan# 1888  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 53.7  | 34.1  | 74.1  |
| 65      | 85.4  | 31.4  | 71.4  |

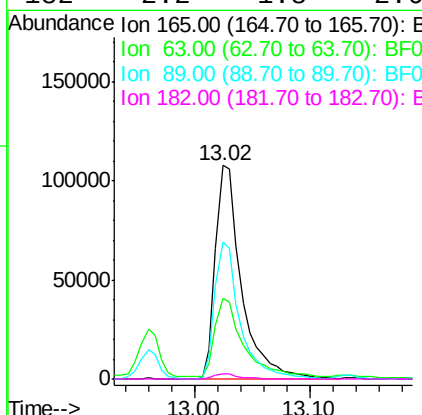
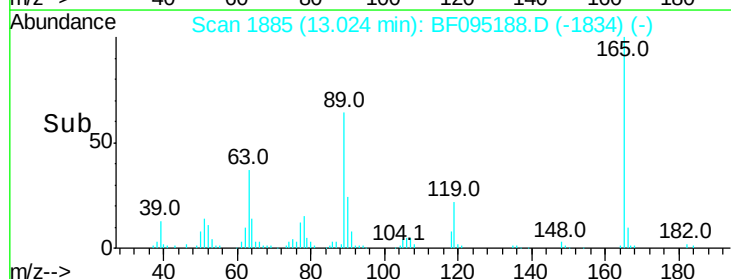
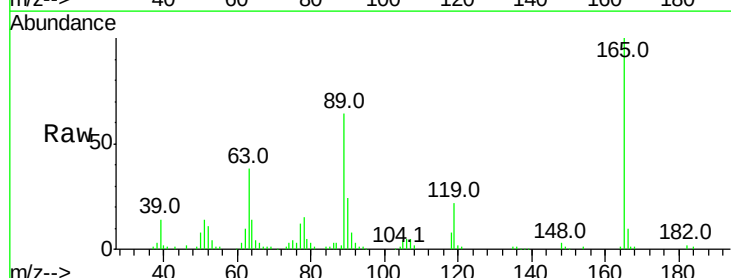
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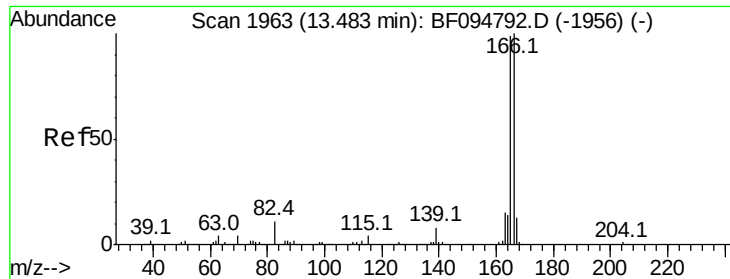


#56  
2,4-Dinitrotoluene  
Concen: 42.02 ng/ml  
RT: 13.02 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 37.8  | 25.4  | 38.0  |
| 89      | 64.4  | 46.4  | 69.6  |
| 182     | 2.2   | 1.8   | 2.6   |







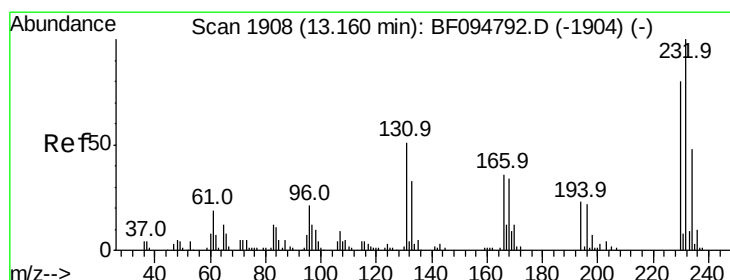
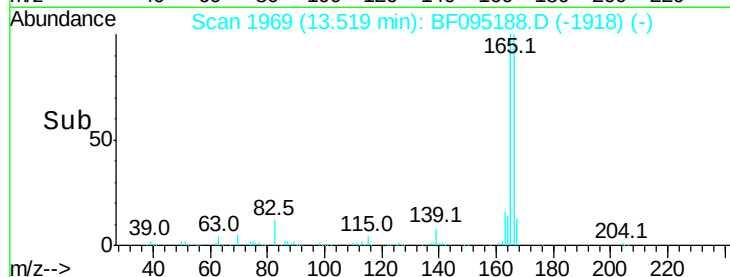
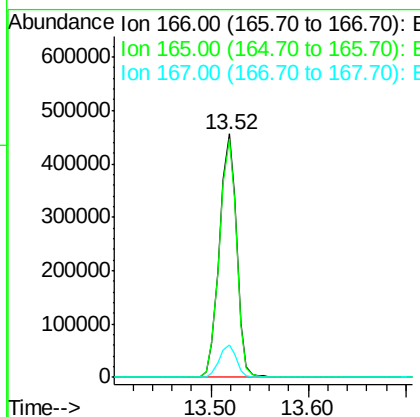
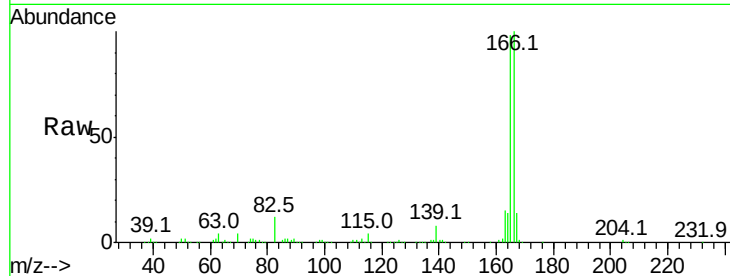
#57  
 Fluorene  
 Concen: 38.83 ng  
 RT: 13.52 min Scan# 1969  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.7  | 78.8  | 118.2 |
| 167     | 13.6  | 10.6  | 16.0  |

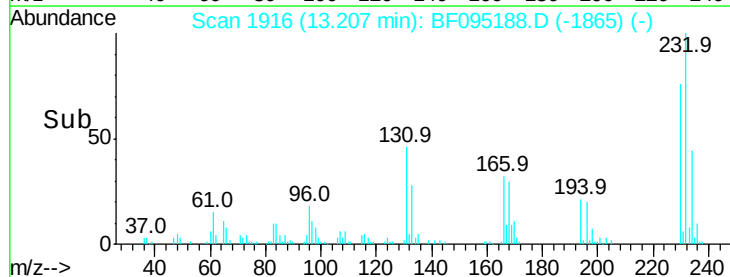
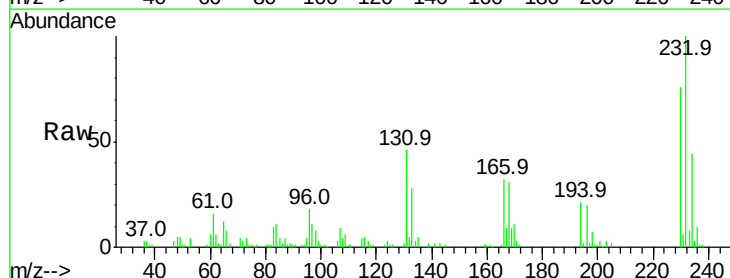
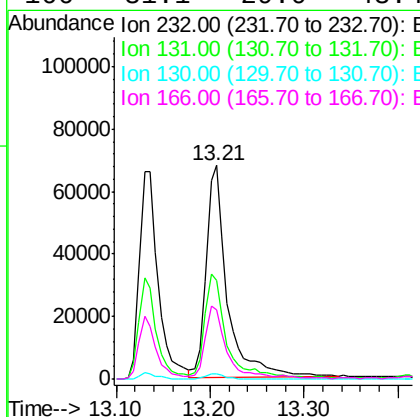
Manual Integrations  
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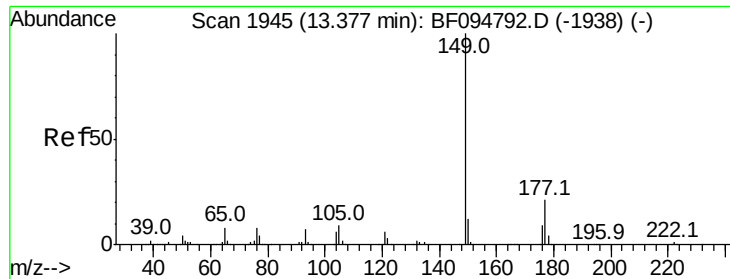
mohammad  
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.24 ng  
 RT: 13.21 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 49.0  | 44.8  | 67.2  |
| 130     | 2.2   | 2.3   | 3.5#  |
| 166     | 31.1  | 29.0  | 43.4  |





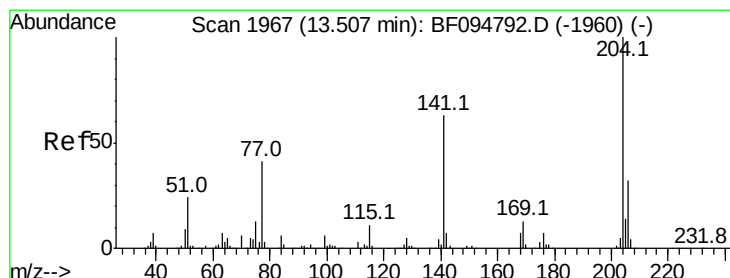
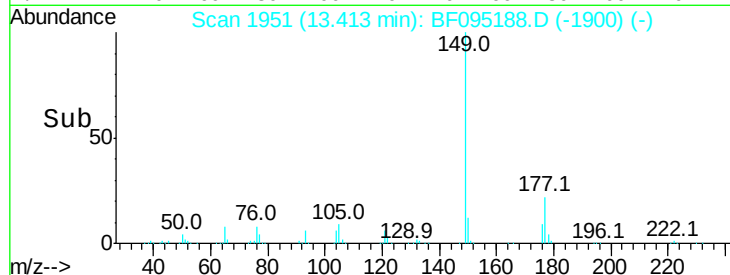
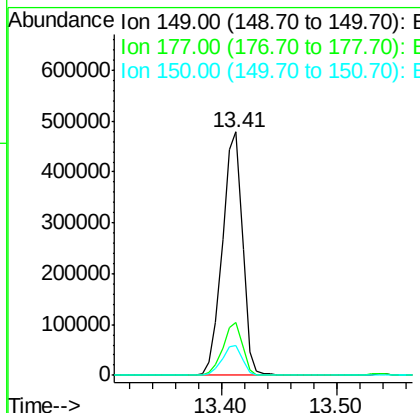
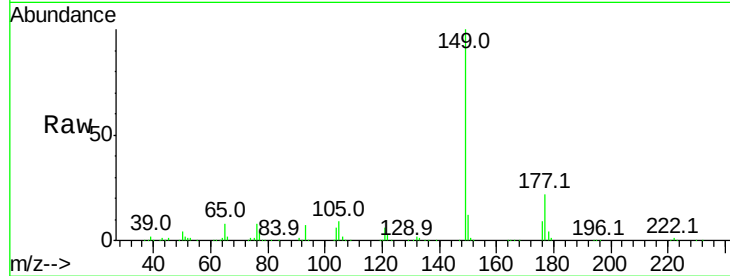
#59  
Diethylphthalate  
Concen: 39.12 ng  
RT: 13.41 min Scan# 1951  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.9  | 16.7  | 25.1  |
| 150     | 12.3  | 10.2  | 15.2  |

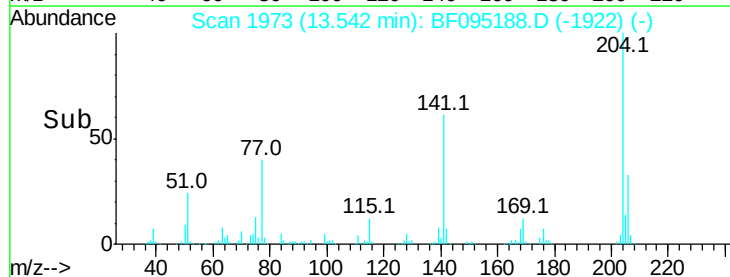
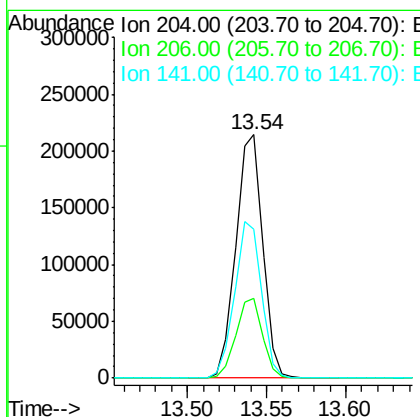
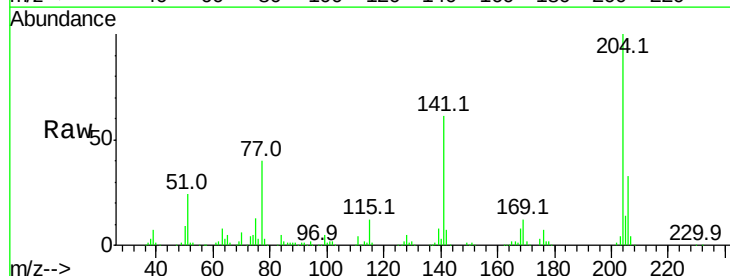
Manual Integrations  
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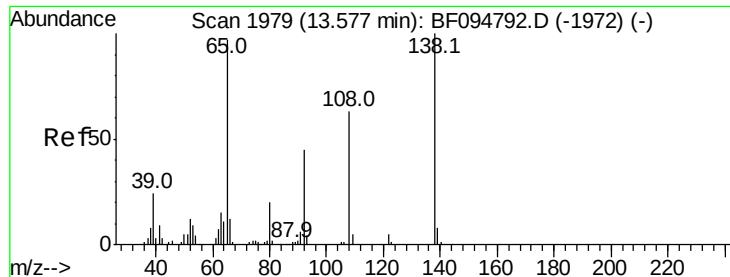
mohammad  
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#60  
4-Chlorophenyl-phenylether  
Concen: 39.87 ng  
RT: 13.54 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 26.2  | 39.2  |
| 141     | 61.3  | 60.8  | 91.2  |





#61

4-Nitroaniline

Concen: 34.01 ng

RT: 13.63 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA\_F

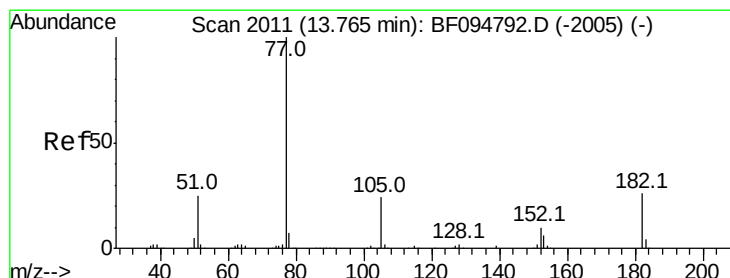
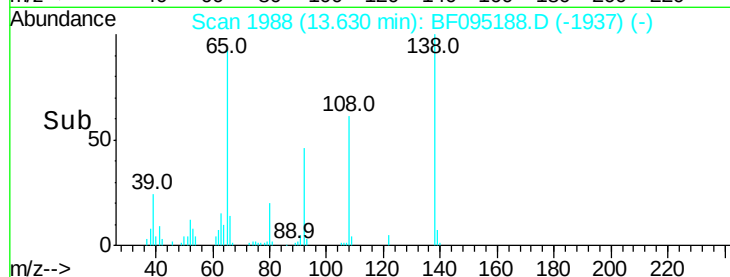
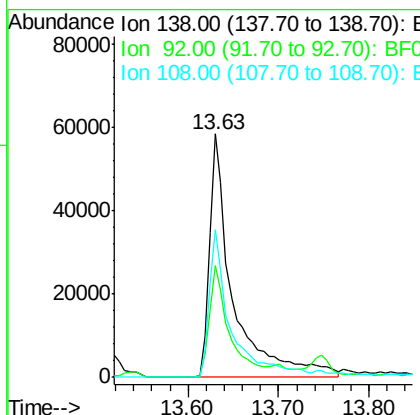
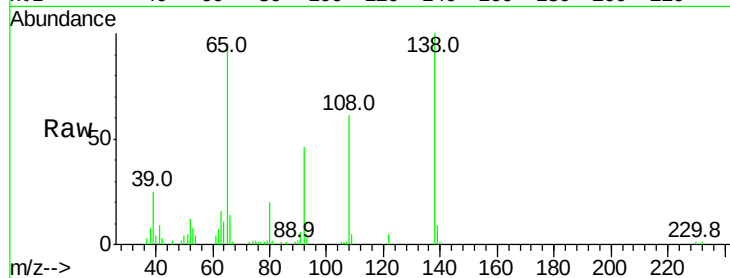
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 105292 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 45.8  | 21.8  | 61.8   |
| 108       | 60.6  | 42.3  | 82.3   |

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#62

Azobenzene

Concen: 39.92 ng

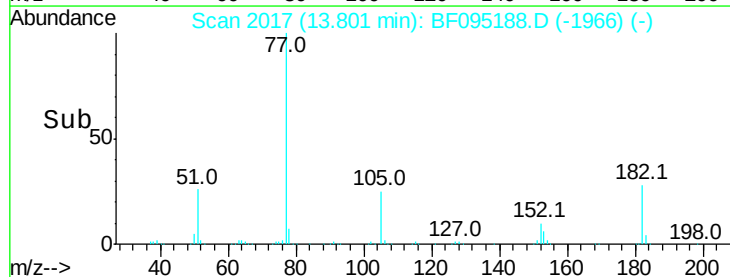
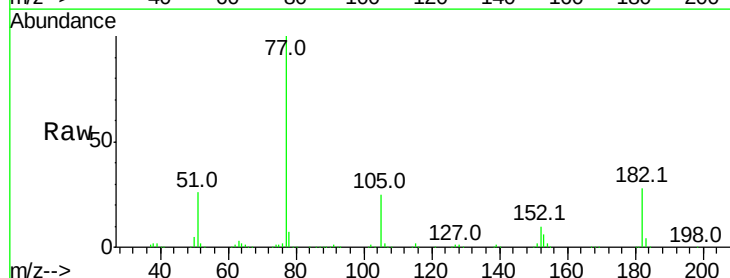
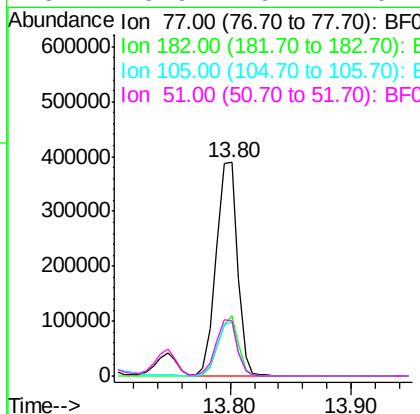
RT: 13.80 min Scan# 2017

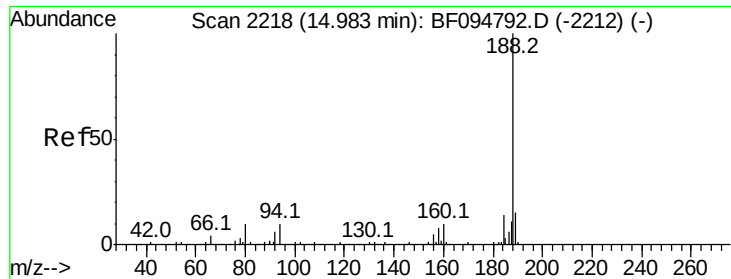
Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 473442 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 28.1  | 0.1   | 40.1   |
| 105       | 25.4  | 3.6   | 43.6   |
| 51        | 25.9  | 9.4   | 49.4   |





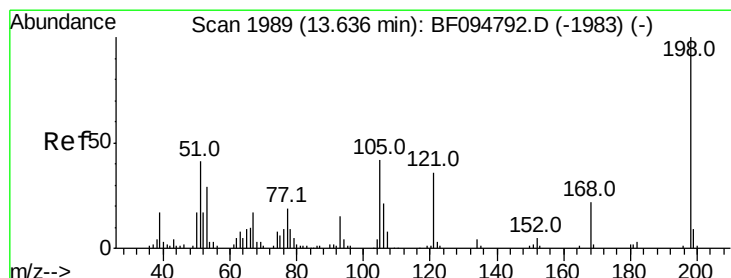
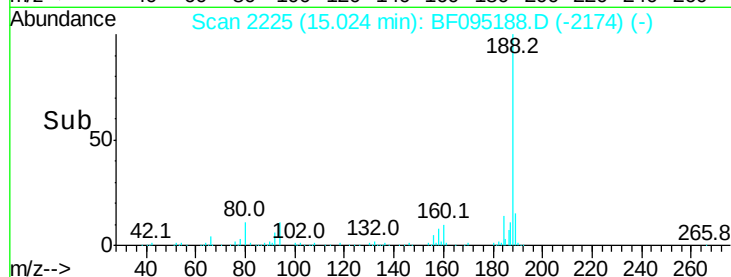
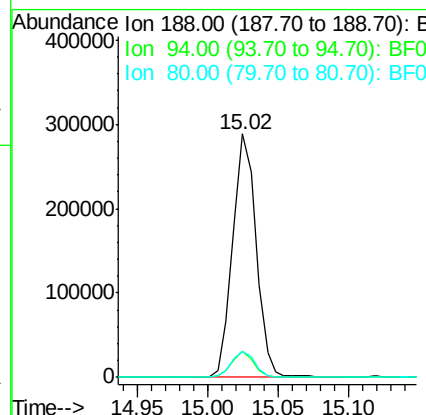
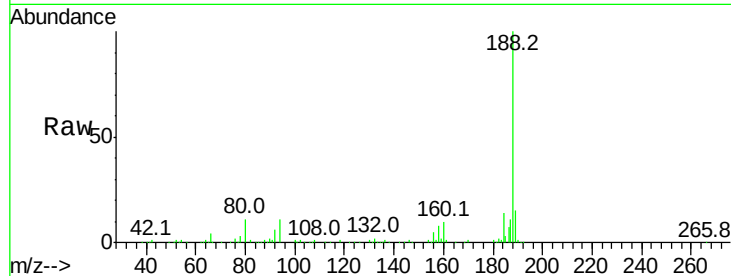
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 15.02 min Scan# 2225  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 10.6  | 9.4  | 14.2  |       |
| 80      | 10.9  | 10.2 | 15.2  |       |

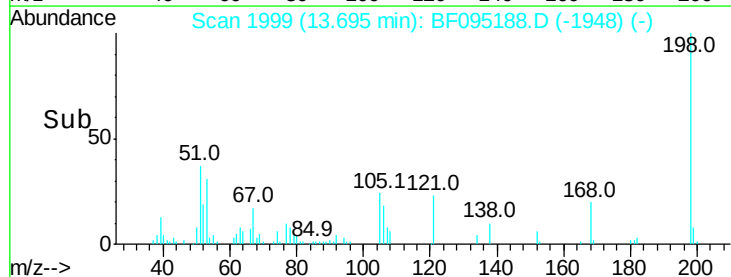
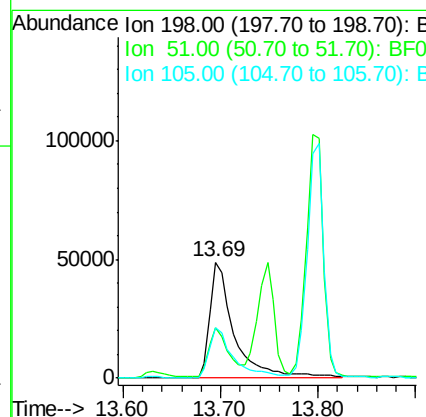
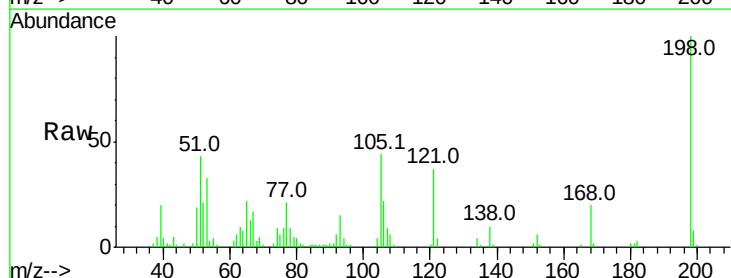
Manual Integrations  
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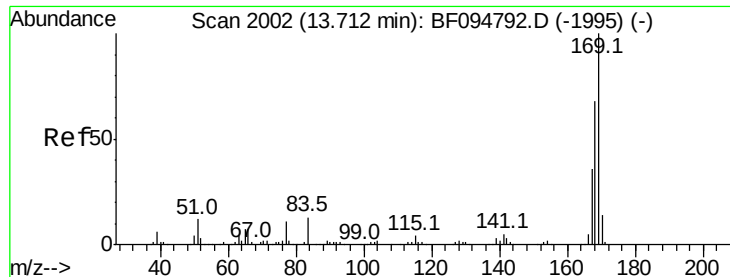
mohammad  
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 37.92 ng  
 RT: 13.69 min Scan# 1999  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 43.3  | 53.2 | 93.2# |       |
| 105     | 44.0  | 45.8 | 85.8# |       |





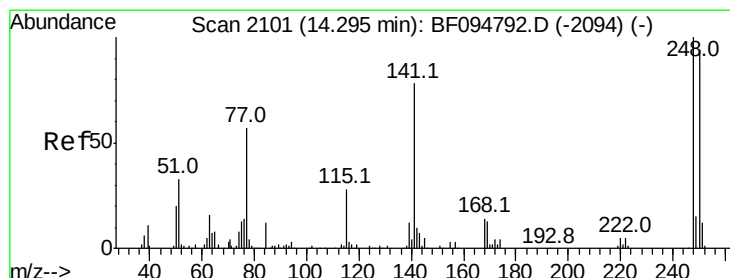
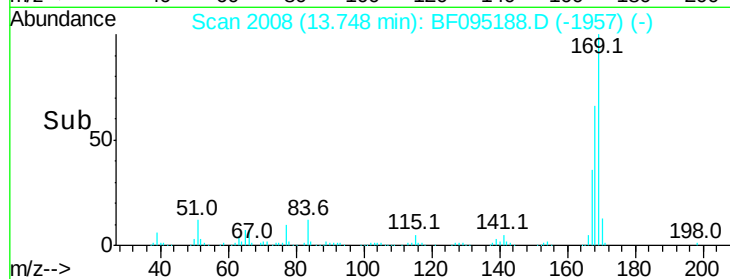
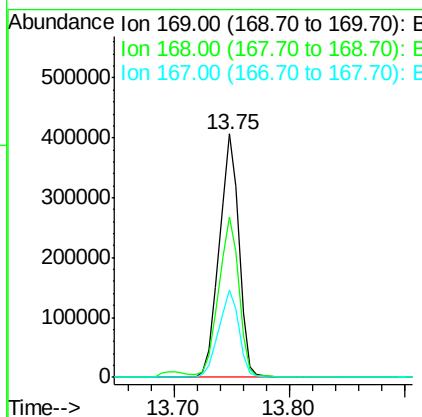
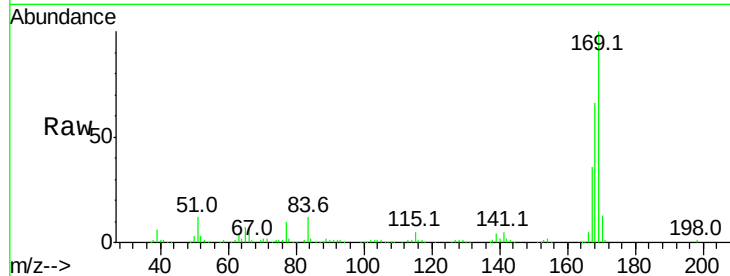
#65  
n-Nitrosodiphenylamine  
Concen: 39.45 ng  
RT: 13.75 min Scan# 2008  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 66.1  | 53.2 | 79.8  |       |
| 167     | 35.8  | 29.5 | 44.3  |       |

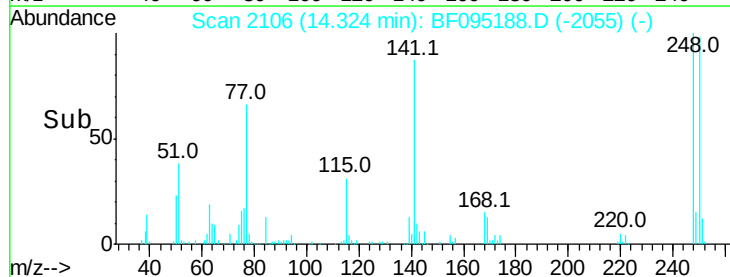
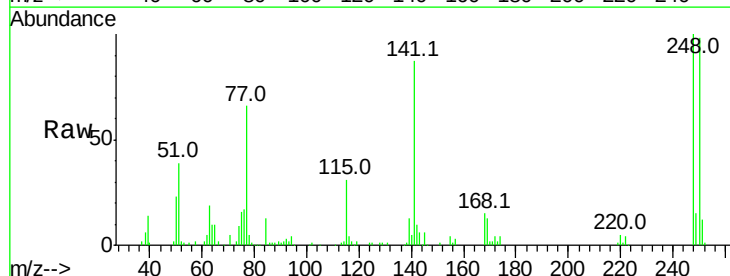
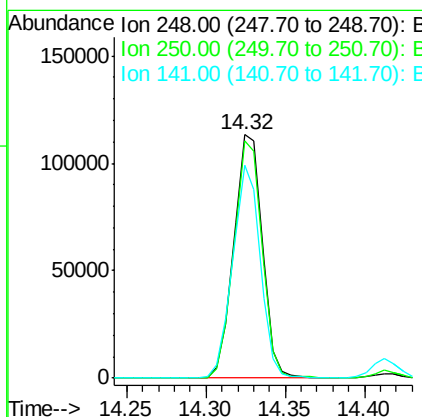
Manual Integrations  
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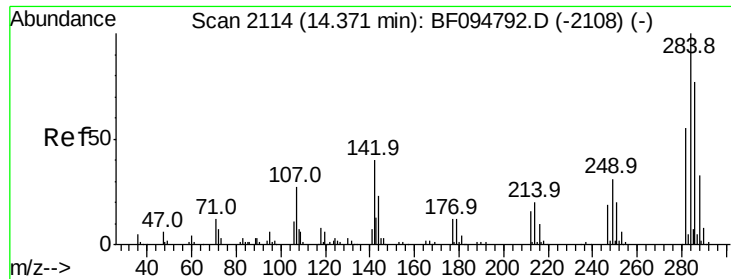
mohammad  
5/18/2017 2:29:08 PM



#66  
4-Bromophenyl-phenylether  
Concen: 39.82 ng  
RT: 14.32 min Scan# 2106  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 248     | 100   |      |       |       |
| 250     | 97.6  | 76.8 | 115.2 |       |
| 141     | 87.4  | 68.6 | 103.0 |       |





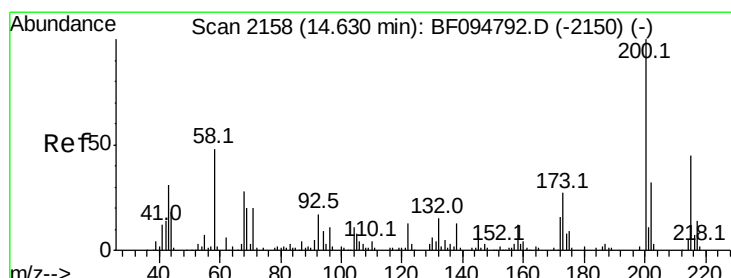
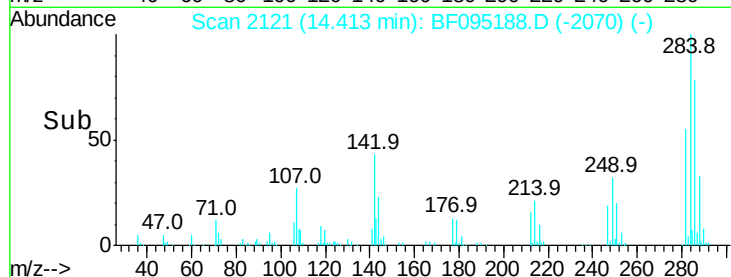
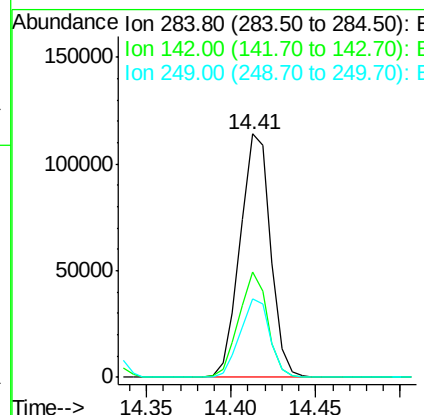
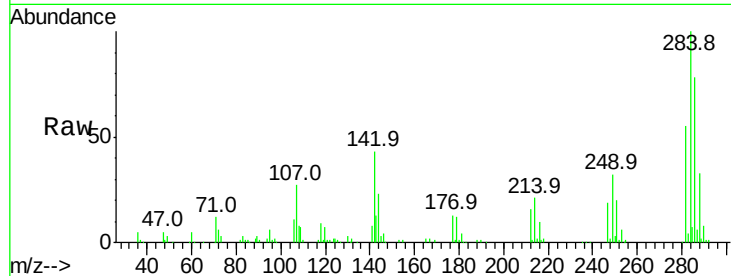
#67  
Hexachlorobenzene  
Concen: 39.38 ng  
RT: 14.41 min Scan# 2121  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 143231 |       |       |
| 142     | 43.2  | 22.8   | 34.2# |       |
| 249     | 32.4  | 24.0   | 36.0  |       |

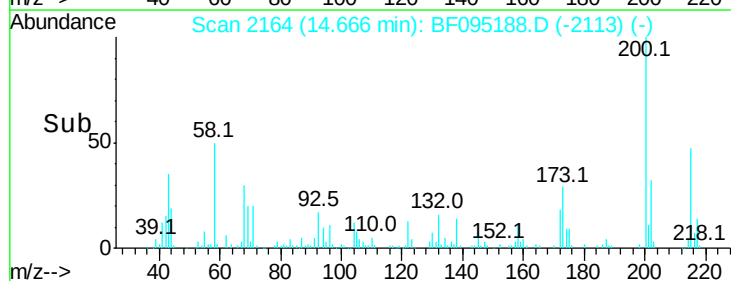
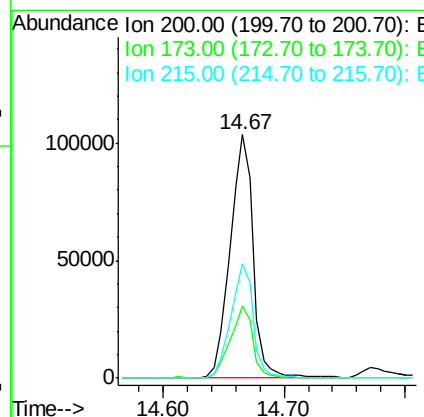
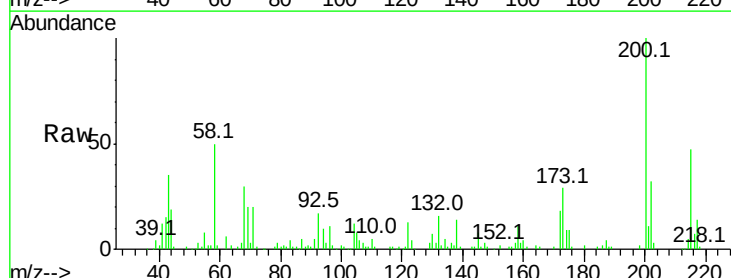
Manual Integrations  
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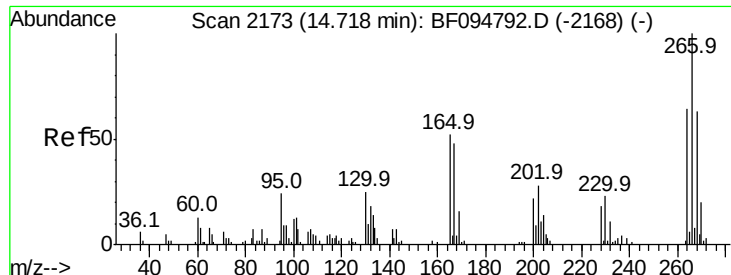
mohammad  
5/18/2017 2:29:08 PM



#68  
Atrazine  
Concen: 39.83 ng  
RT: 14.67 min Scan# 2164  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 137109 |       |       |
| 173     | 29.4  | 6.3    | 46.3  |       |
| 215     | 47.1  | 27.2   | 67.2  |       |





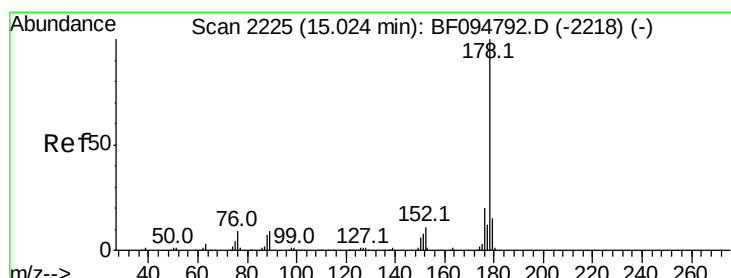
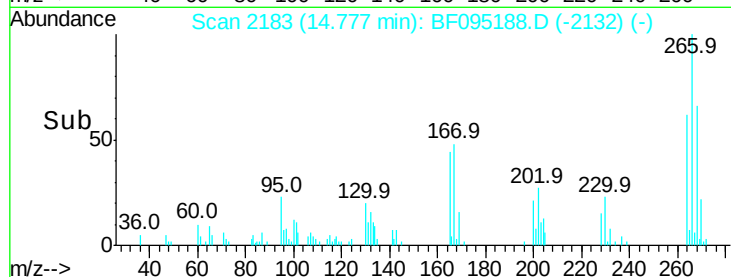
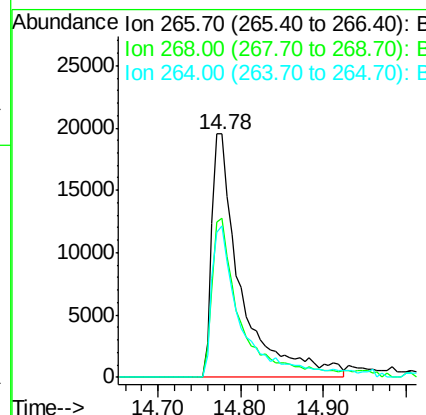
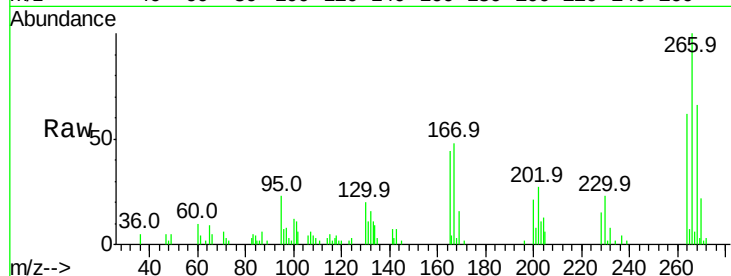
#69  
 Pentachlorophenol  
 Concen: 32.82 ng/mL  
 RT: 14.78 min Scan# 2183  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.5  | 51.1  | 76.7  |
| 264     | 62.0  | 51.7  | 77.5  |

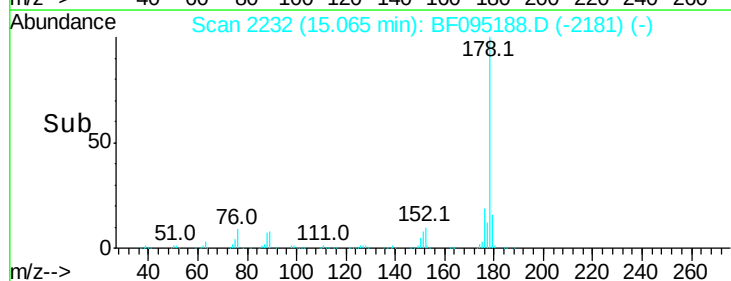
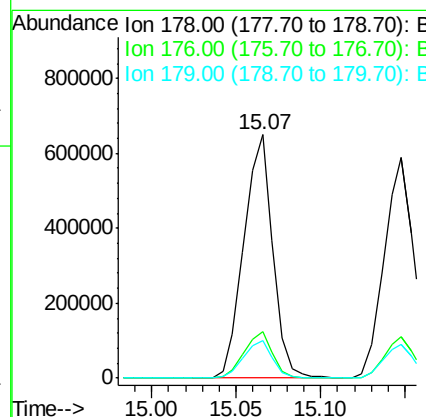
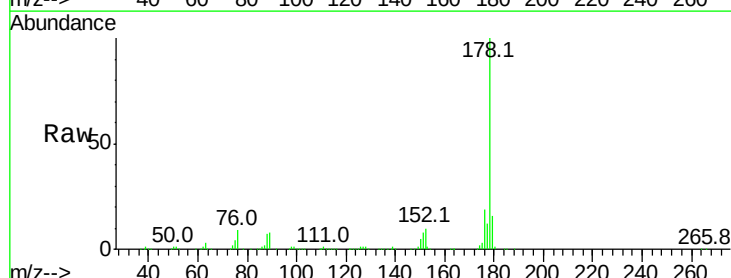
Manual Integrations  
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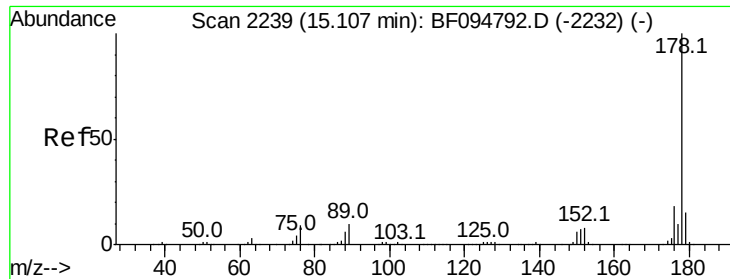
mohammad  
 5/18/2017 2:29:08 PM



#70  
 Phenanthrene  
 Concen: 40.26 ng/mL  
 RT: 15.07 min Scan# 2232  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 16.2  | 24.4  |
| 179     | 15.6  | 12.6  | 19.0  |





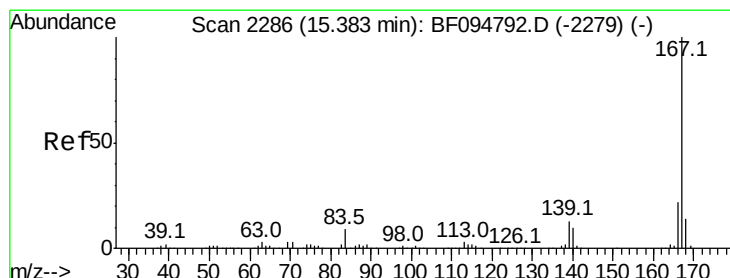
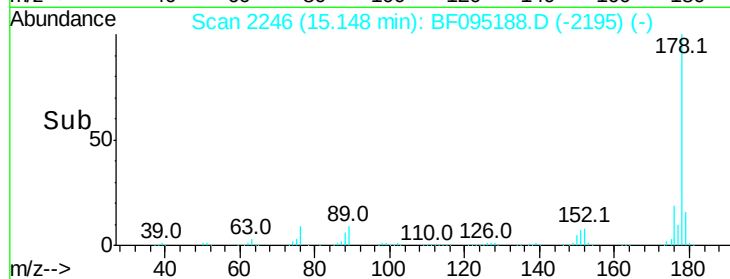
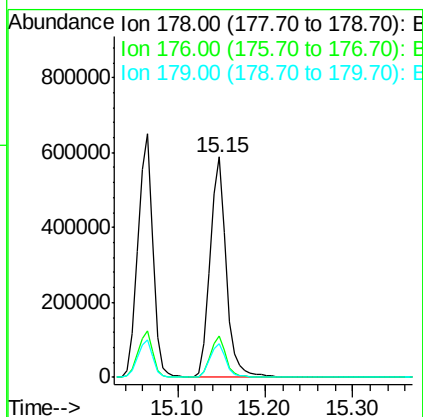
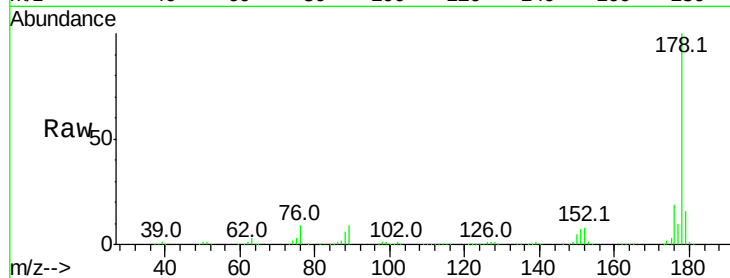
#71  
 Anthracene  
 Concen: 38.43 ng  
 RT: 15.15 min Scan# 2246  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 15.8  | 23.8  |
| 179     | 15.5  | 12.7  | 19.1  |

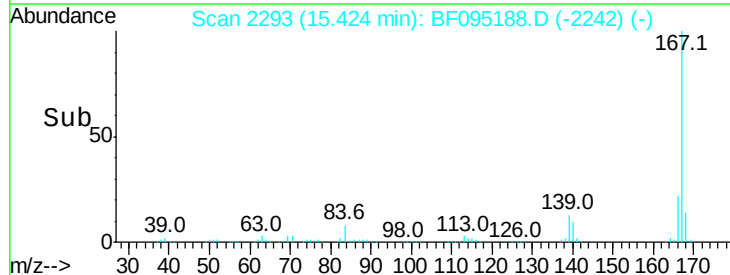
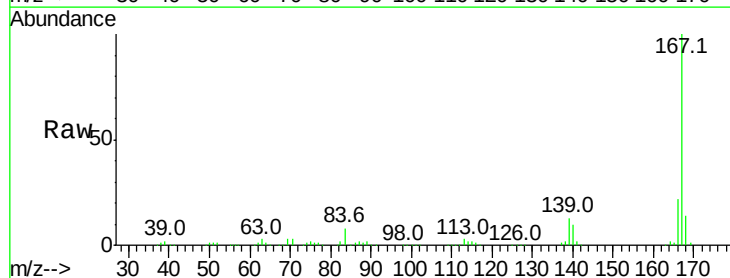
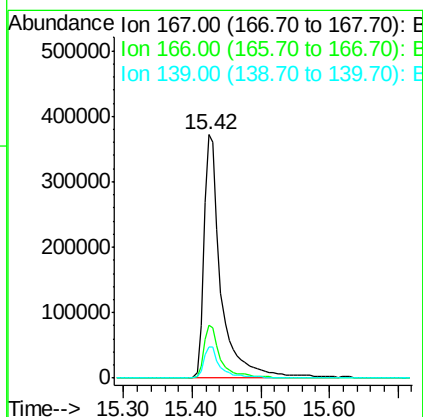
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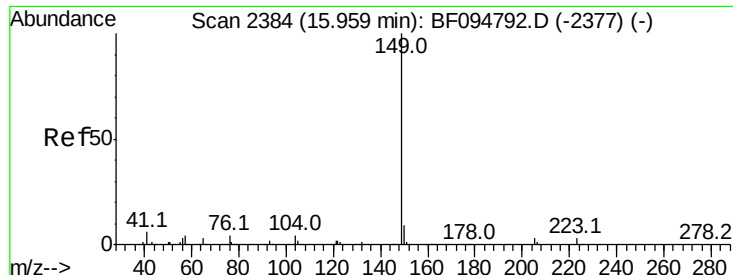


#72  
 Carbazole  
 Concen: 36.68 ng  
 RT: 15.42 min Scan# 2293  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 18.1  | 27.1  |
| 139     | 12.9  | 11.7  | 17.5  |







#73

Di-n-butylphthalate

Concen: 39.87 ng

RT: 15.99 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA\_F

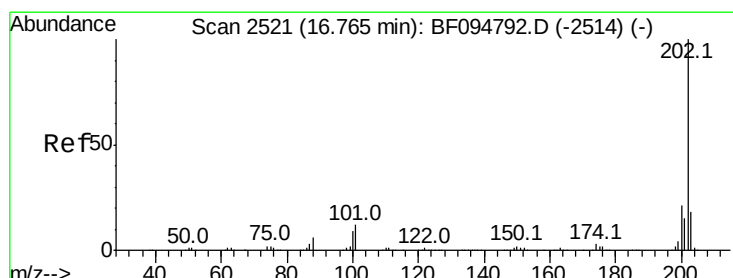
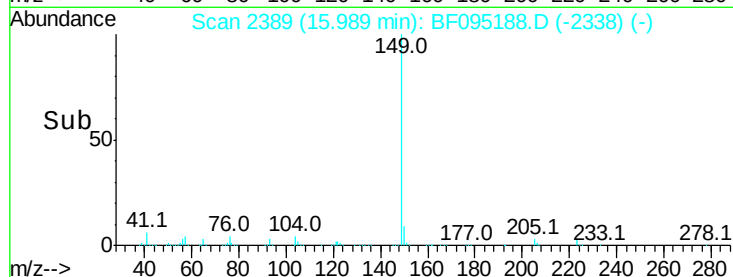
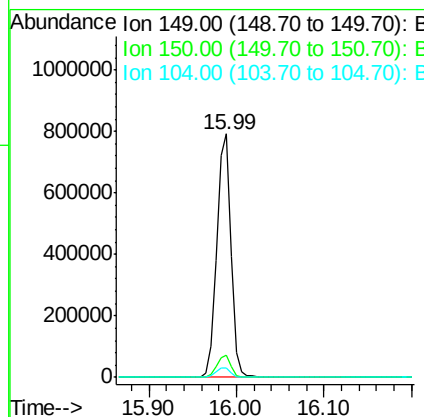
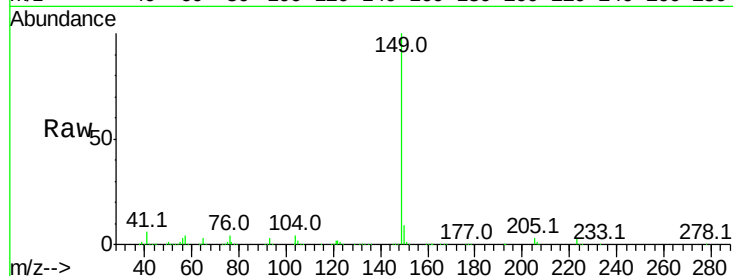
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 891927 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.3   | 7.7   | 11.5   |
| 104       | 4.1   | 4.0   | 6.0    |

Manual Integrations  
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#74

Fluoranthene

Concen: 34.24 ng

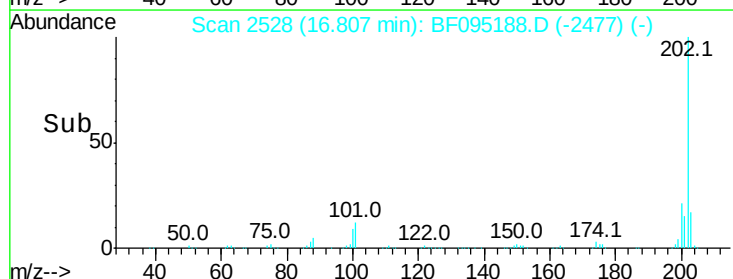
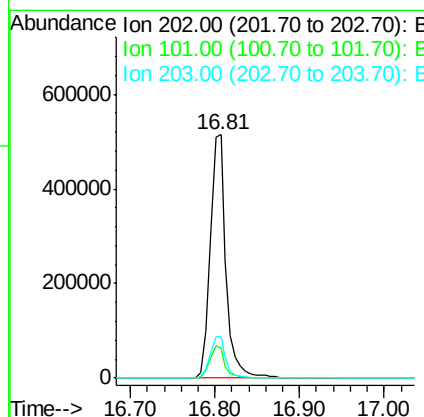
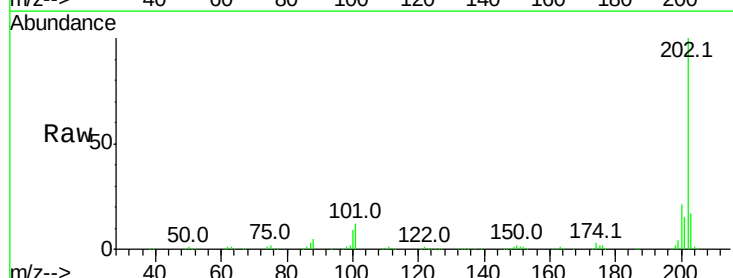
RT: 16.81 min Scan# 2528

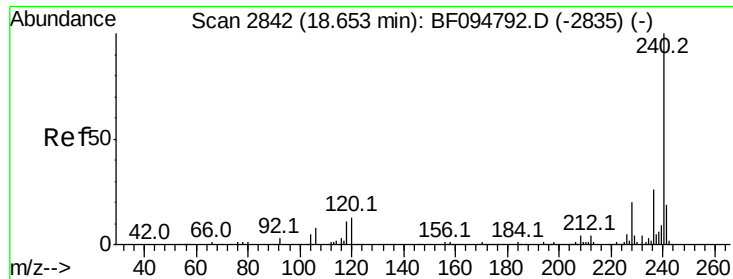
Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 677776 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.1  | 0.0   | 33.2   |
| 203       | 17.0  | 0.0   | 38.1   |





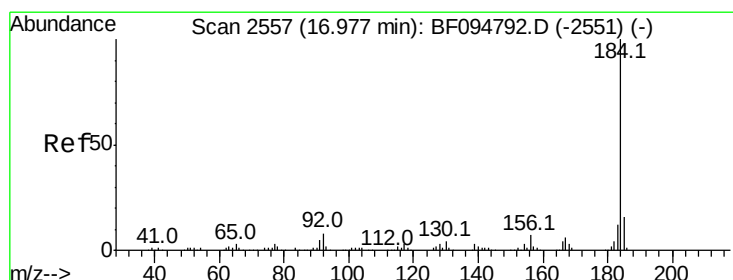
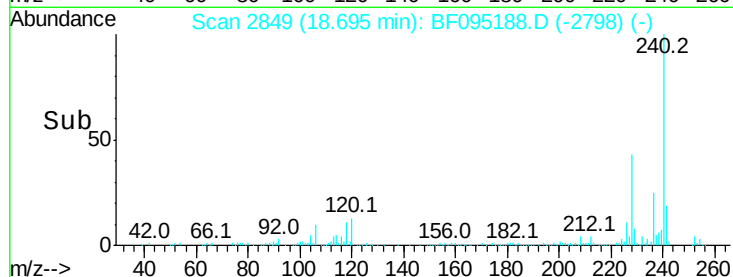
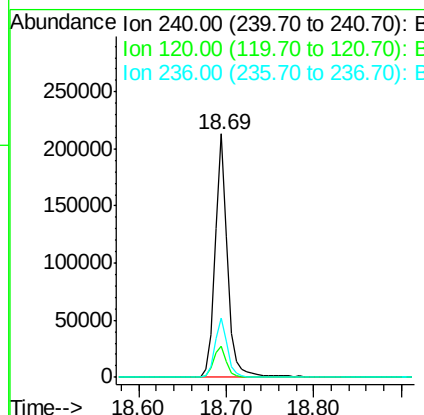
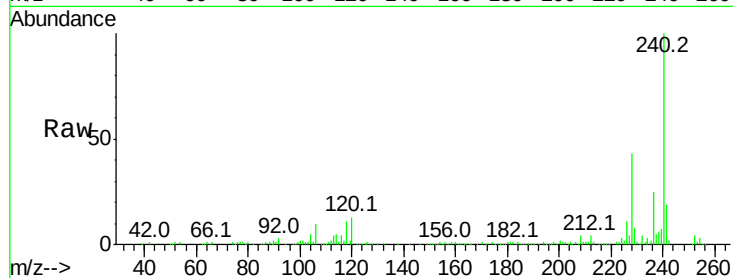
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 18.69 min Scan# 2849  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.0  | 5.8   | 8.8#  |
| 236     | 24.6  | 20.5  | 30.7  |

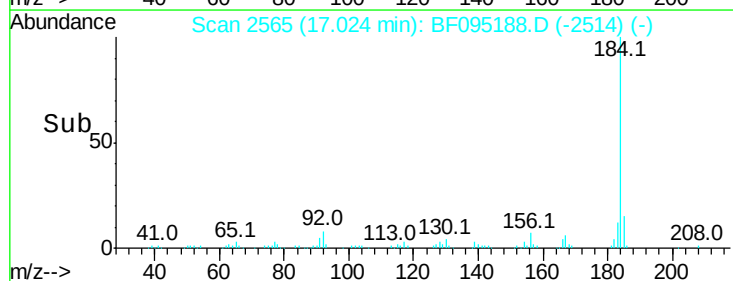
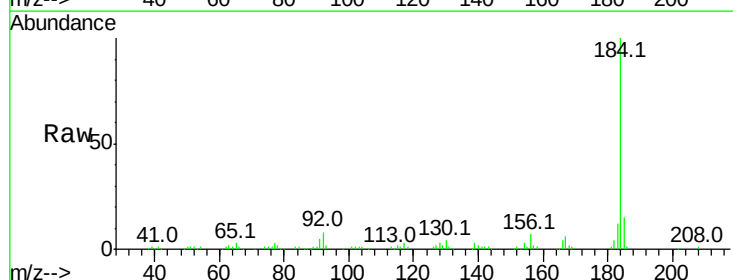
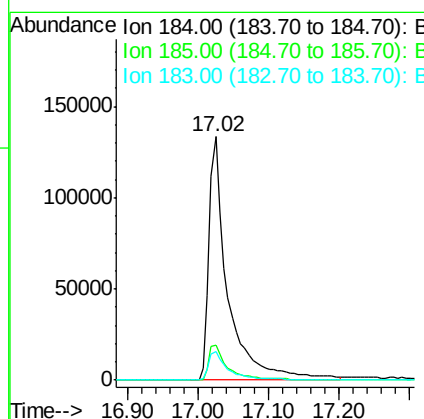
Manual Integrations  
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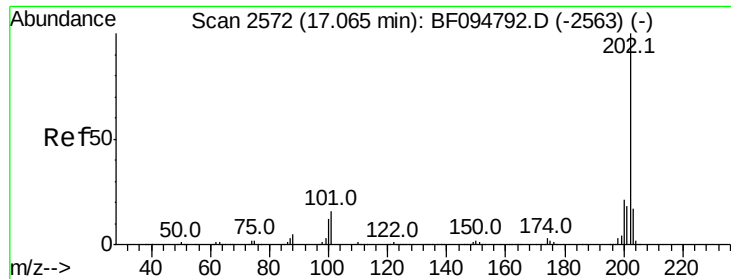
mohammad  
5/18/2017 2:29:08 PM



#76  
Benzidine  
Concen: 44.23 ng  
RT: 17.02 min Scan# 2565  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.6  | 15.5  | 23.3# |
| 183     | 11.8  | 9.8   | 14.6  |





#77

Pvrene

Concen: 44.57 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA\_F

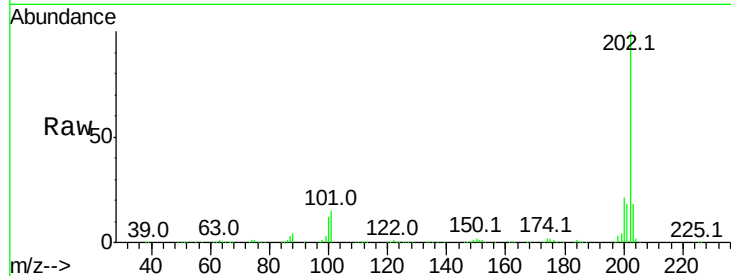
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 699484 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.0  | 17.6  | 26.4   |
| 203       | 17.7  | 14.4  | 21.6   |

Manual Integrations  
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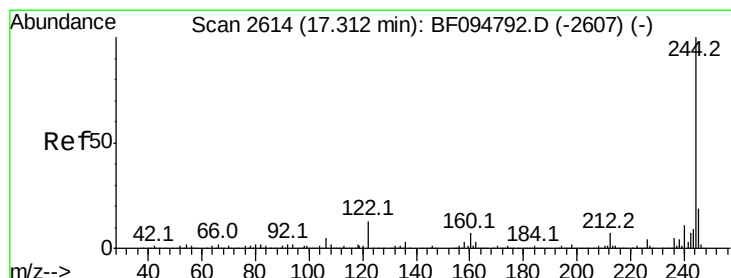
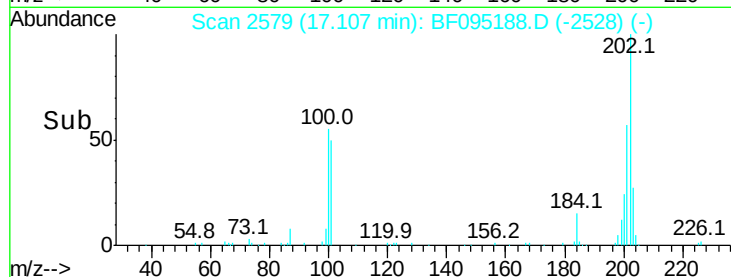
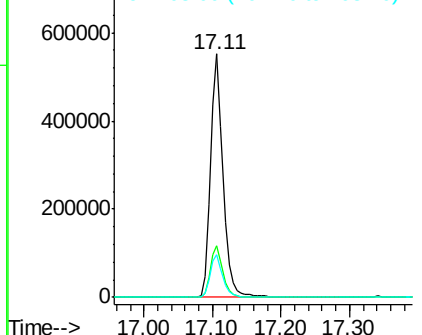
mohammad  
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.15 ng

RT: 17.35 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BF095188.D

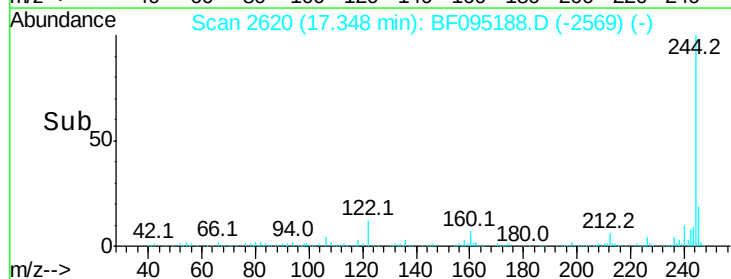
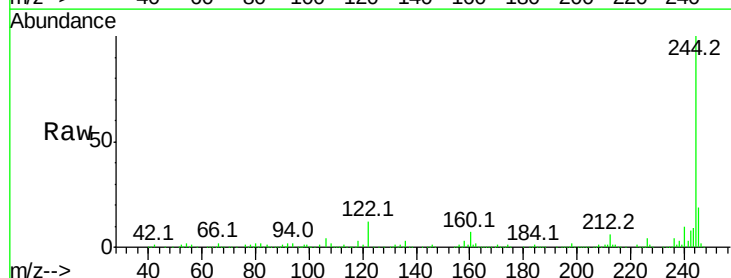
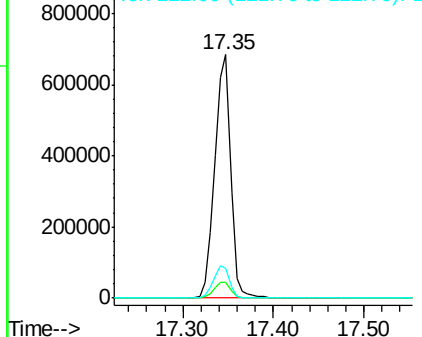
Acq: 17 May 2017 16:40

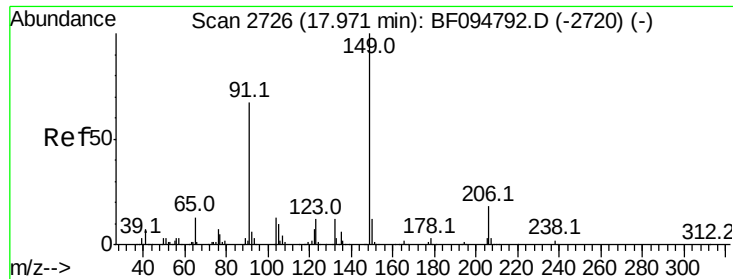
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 830299 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.3   | 6.0   | 9.0    |
| 122       | 12.5  | 10.3  | 15.5   |

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





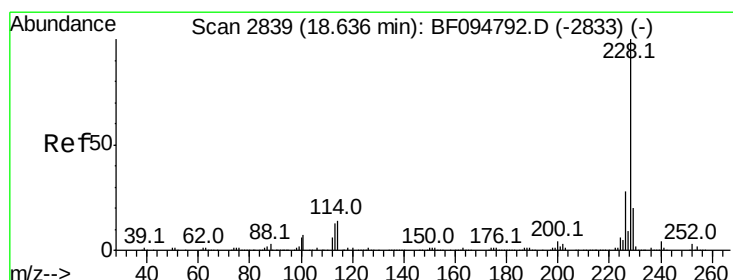
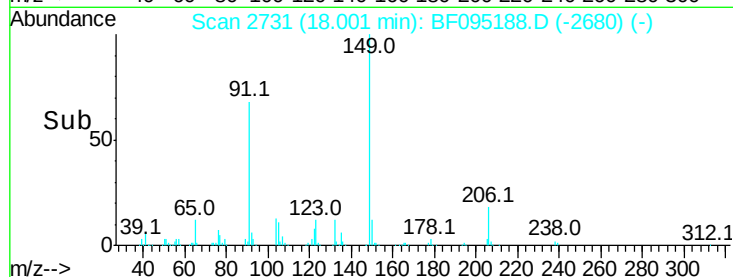
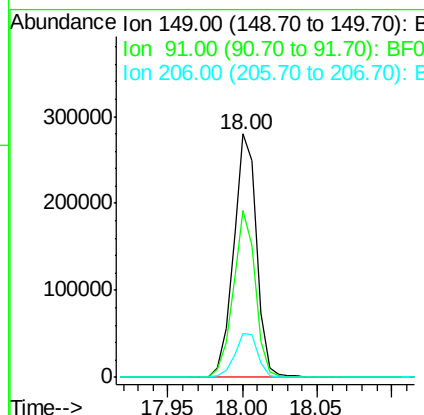
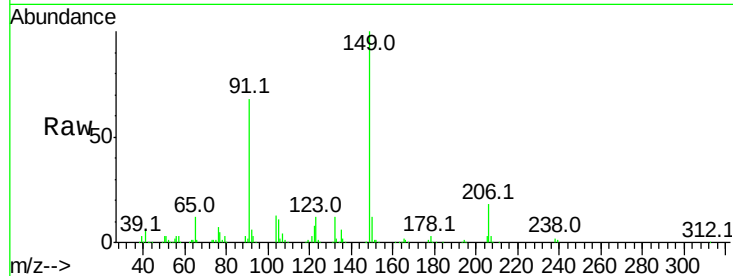
#79  
Butylbenzylphthalate  
Concen: 41.55 ng  
RT: 18.00 min Scan# 2731  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 91      | 68.5  | 45.0 | 67.4# |       |
| 206     | 17.9  | 17.0 | 25.6  |       |

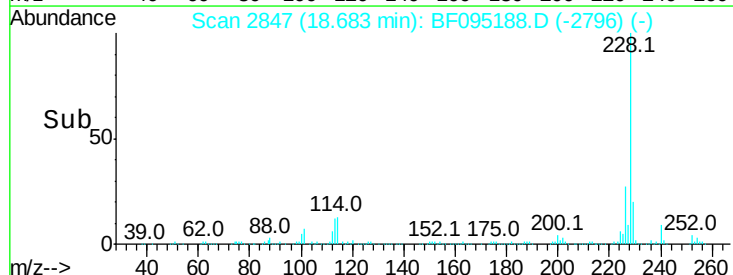
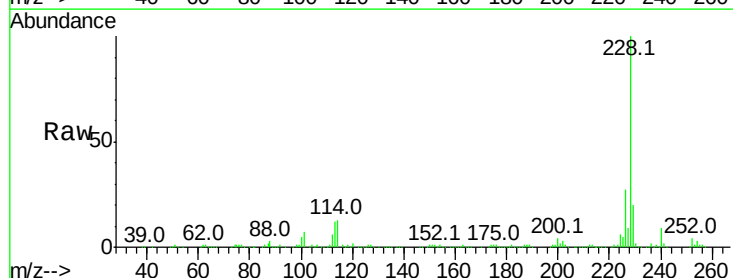
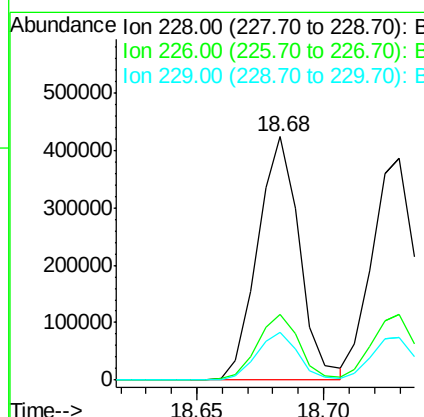
Manual Integrations  
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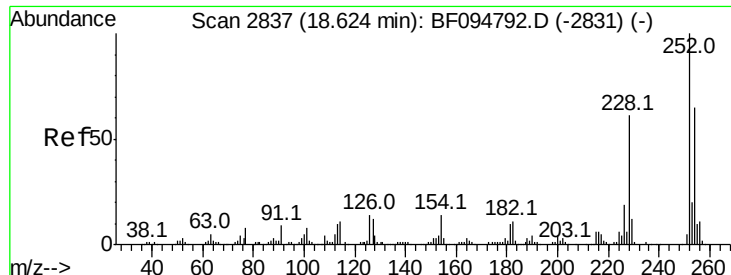
mohammad  
5/18/2017 2:29:08 PM



#80  
Benzo(a)anthracene  
Concen: 40.10 ng  
RT: 18.68 min Scan# 2847  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 228     | 100   |      |       |       |
| 226     | 27.1  | 22.6 | 33.8  |       |
| 229     | 19.7  | 16.3 | 24.5  |       |





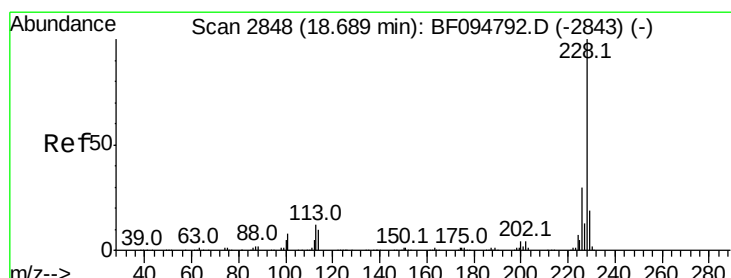
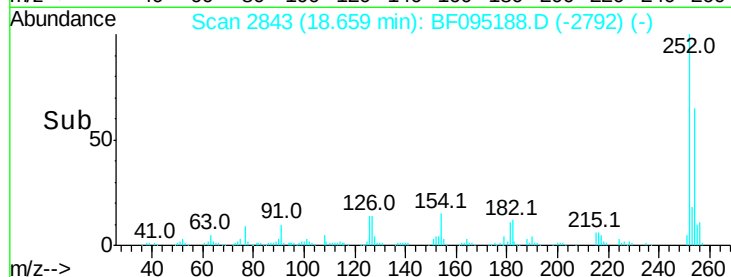
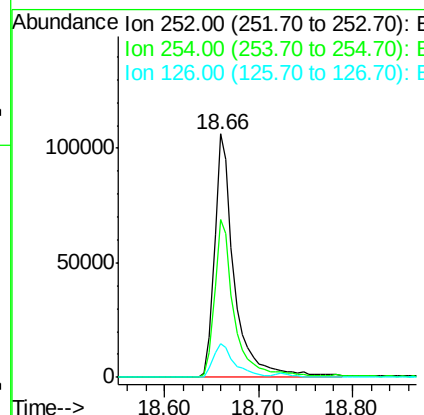
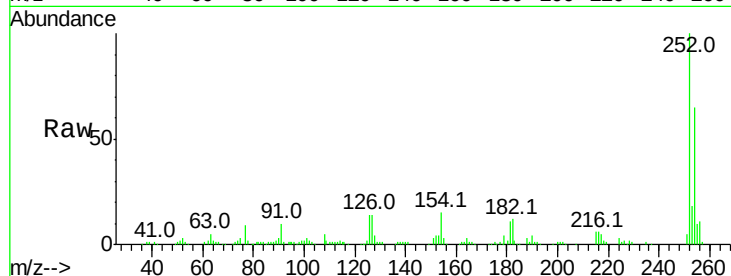
#81  
 3,3'-Dichlorobenzidine  
 Concen: 37.61 ng  
 RT: 18.66 min Scan# 2843  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 158645 |       |       |
| 254     | 64.8  | 51.5   | 77.3  |       |
| 126     | 14.0  | 15.8   | 23.8  |       |

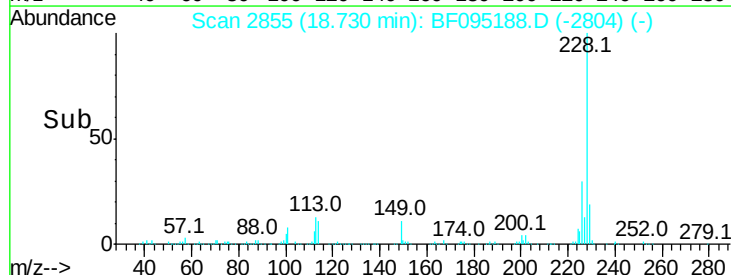
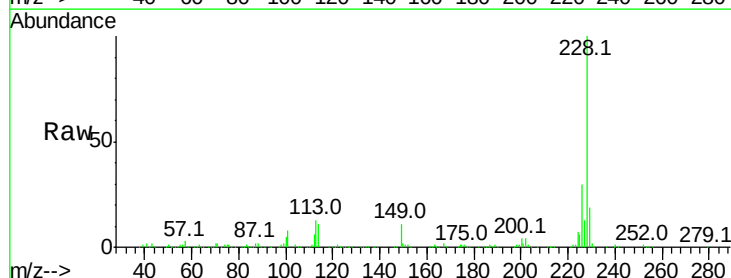
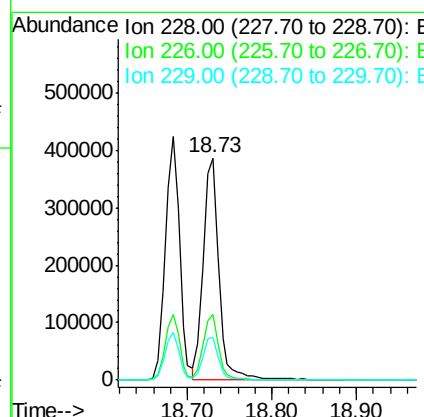
Manual Integrations  
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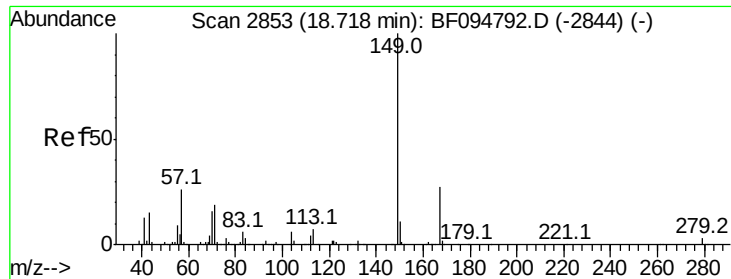
mohammad  
 5/18/2017 2:29:08 PM



#82  
 Chrysene  
 Concen: 41.69 ng  
 RT: 18.73 min Scan# 2855  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 492372 |       |       |
| 226     | 29.6  | 24.9   | 37.3  |       |
| 229     | 19.1  | 15.8   | 23.6  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.55 ng

RT: 18.75 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 400925  
Ion Ratio Lower Upper

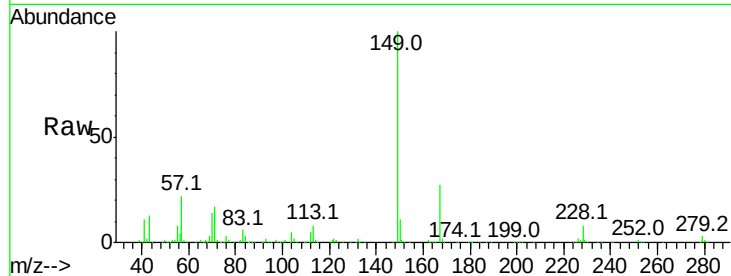
149 100

167 27.3 21.0 31.4

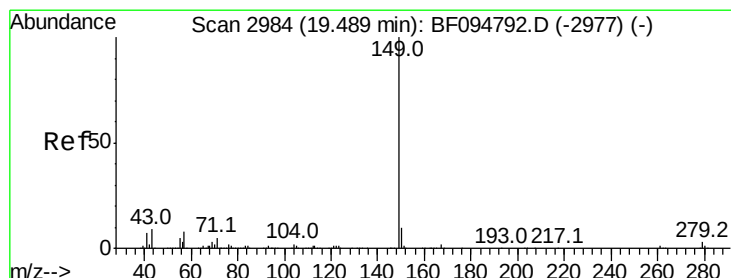
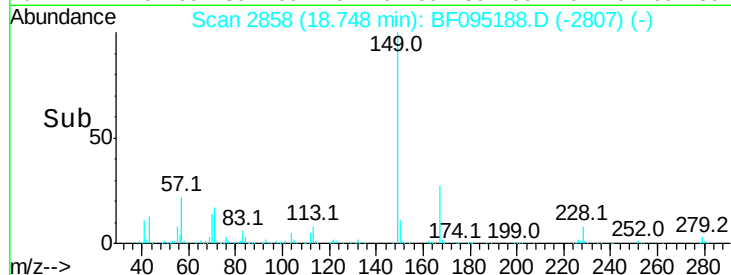
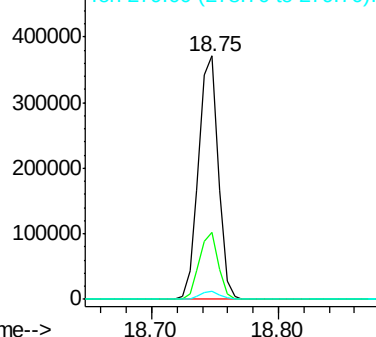
279 3.2 1.9 2.9#

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



#84

Di-n-octyl phthalate

Concen: 35.96 ng

RT: 19.51 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

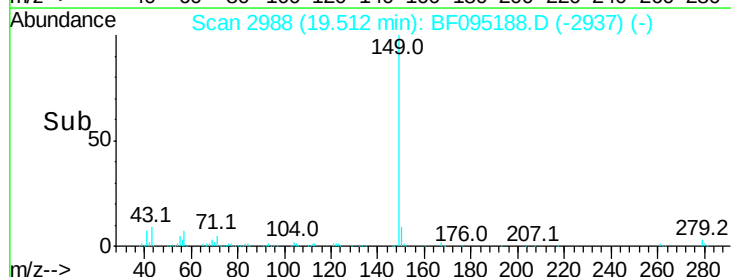
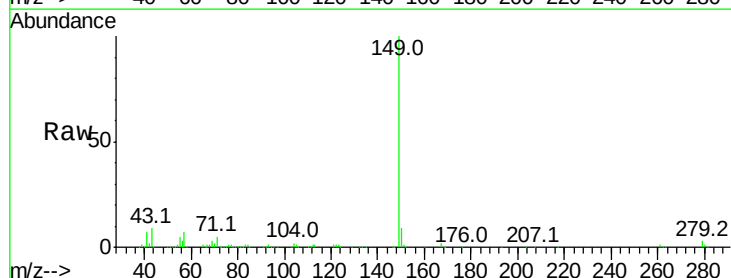
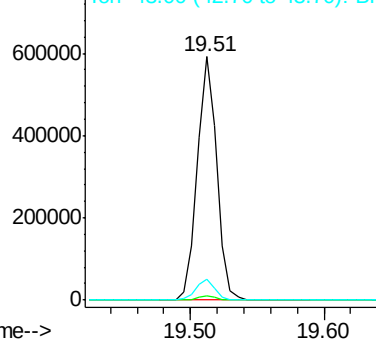
Tgt Ion:149 Resp: 613190  
Ion Ratio Lower Upper

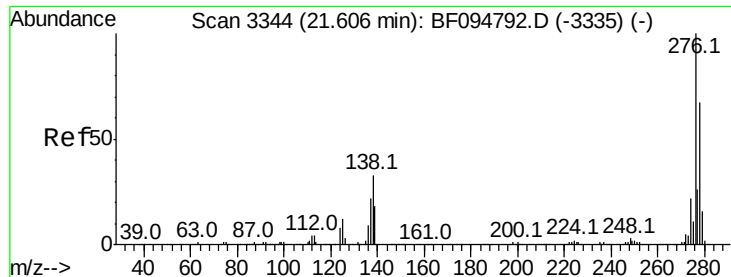
149 100

167 1.5 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





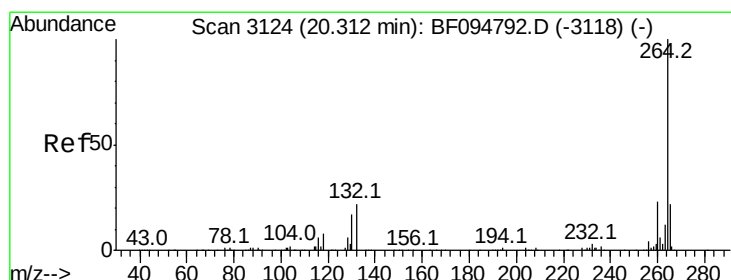
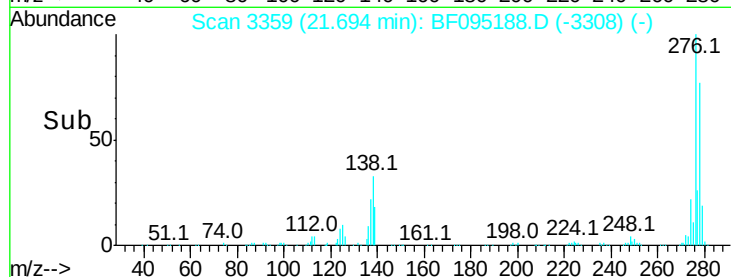
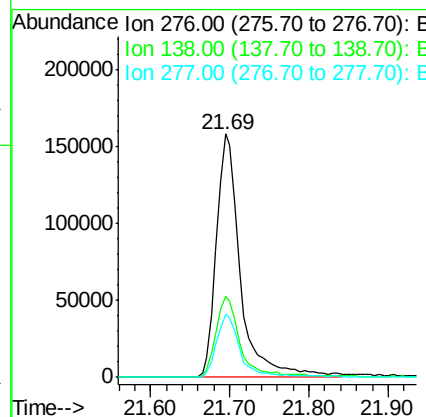
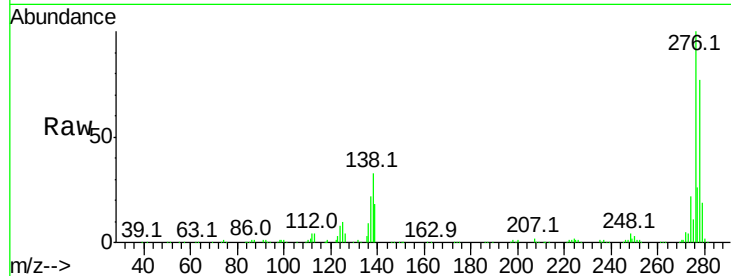
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 34.85 ng  
RT: 21.69 min Scan# 3359  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 33.8  | 27.8  | 41.6  |
| 277     | 25.3  | 20.2  | 30.4  |

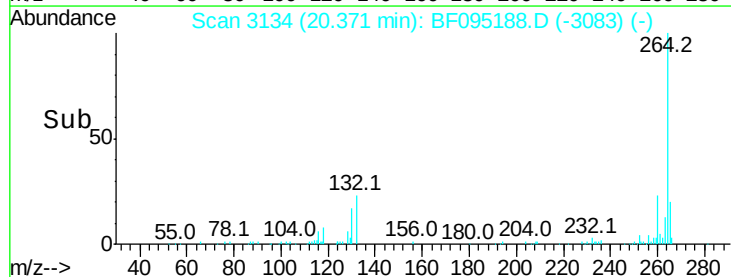
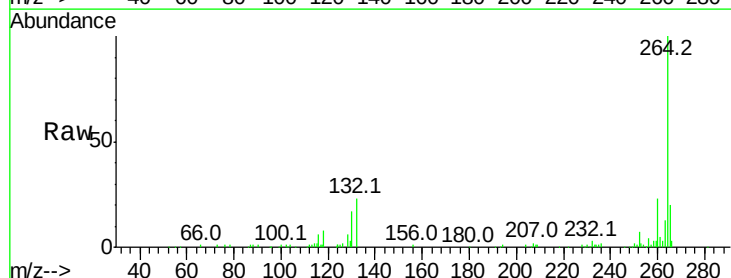
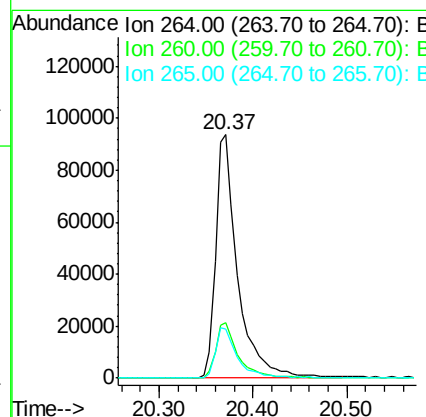
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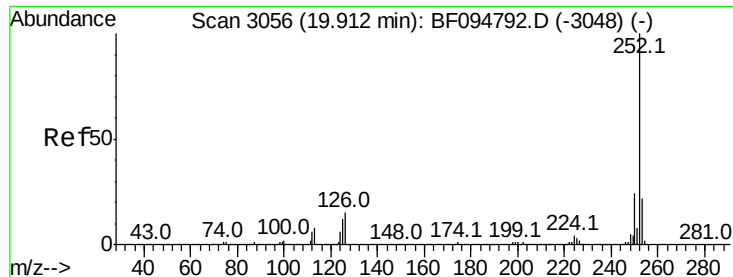
mohammad  
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 20.37 min Scan# 3134  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.7  | 19.5  | 29.3  |
| 265     | 20.4  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 39.22 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA\_F

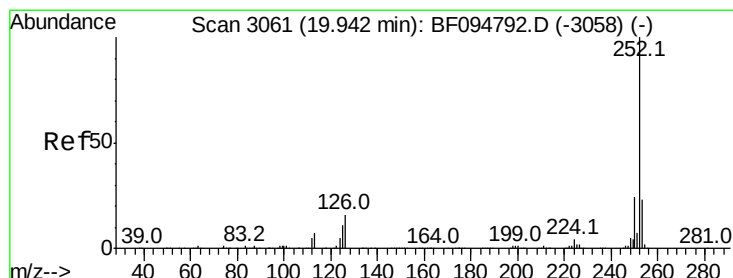
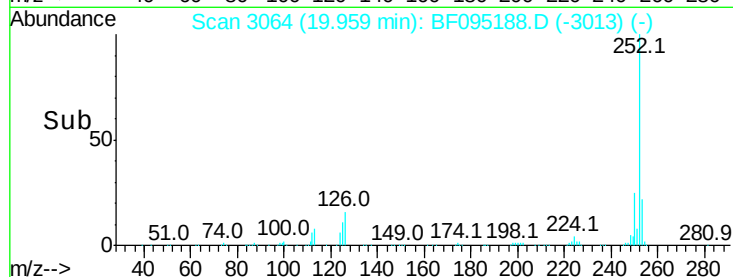
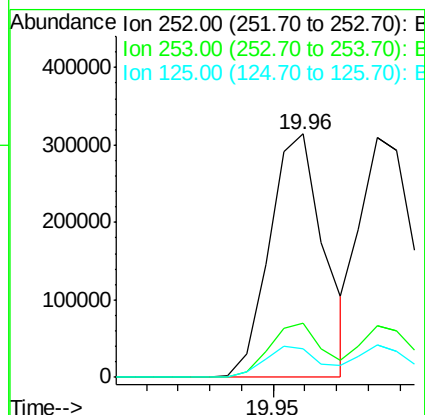
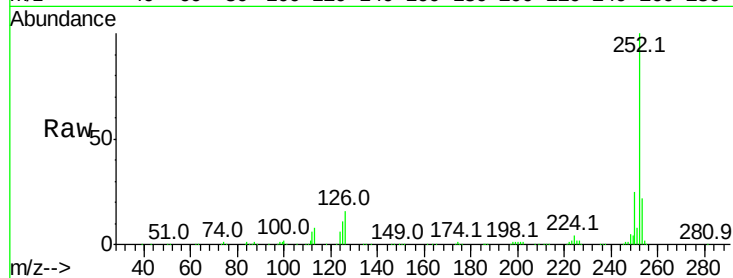
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 374616 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.5  | 18.1  | 27.1   |
| 125       | 11.5  | 9.8   | 14.8   |

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#88

Benzo(k)fluoranthene

Concen: 45.44 ng

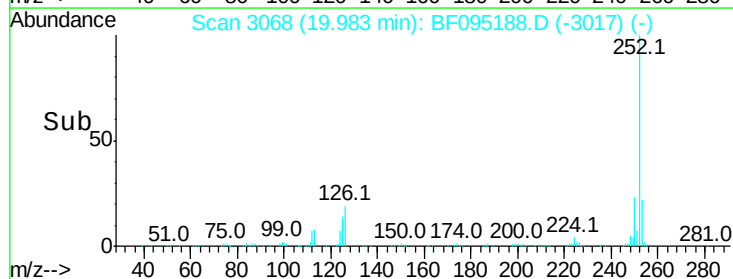
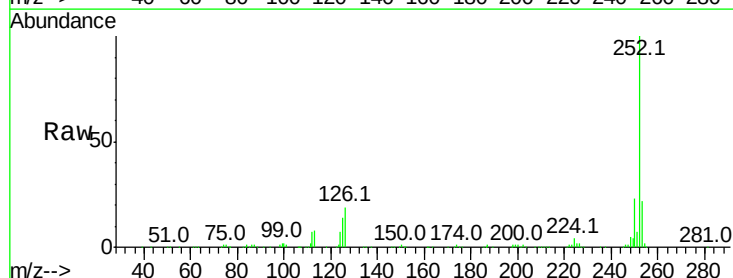
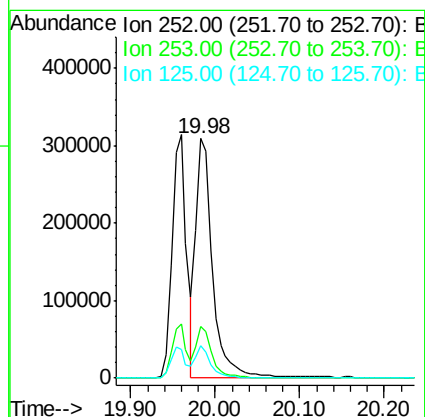
RT: 19.98 min Scan# 3068

Delta R.T. 0.00 min

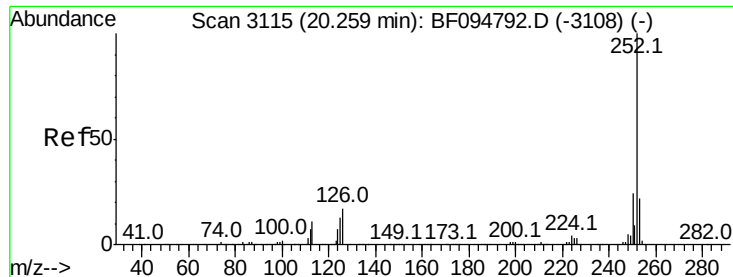
Lab File: BF095188.D

Acq: 17 May 2017 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 418587 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.6  | 18.4  | 27.6   |
| 125       | 13.7  | 13.1  | 19.7   |







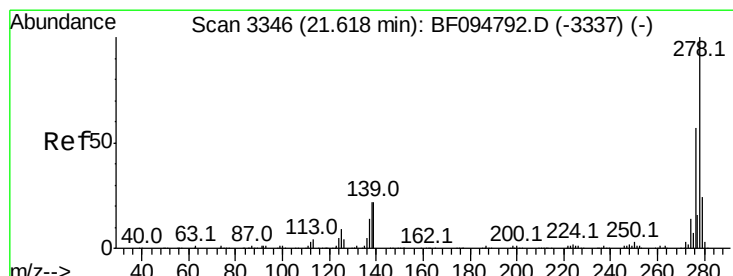
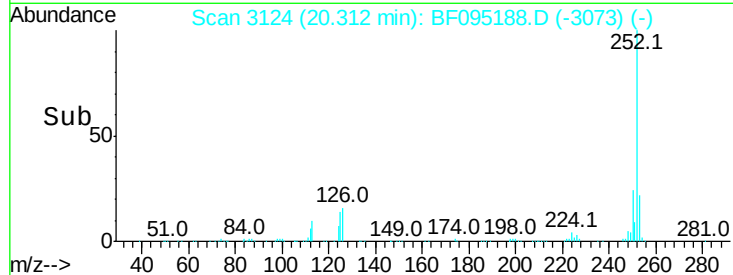
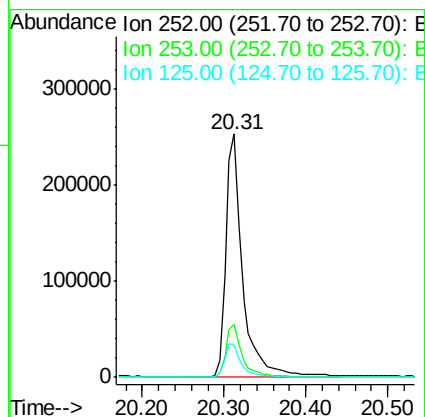
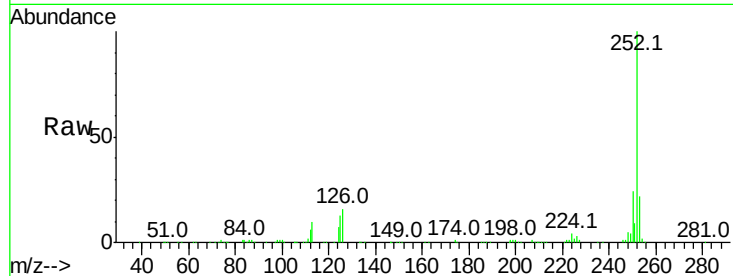
#89  
Benzo(a)pyrene  
Concen: 40.65 ng  
RT: 20.31 min Scan# 3124  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.5  | 26.3  |
| 125     | 13.4  | 11.0  | 16.4  |

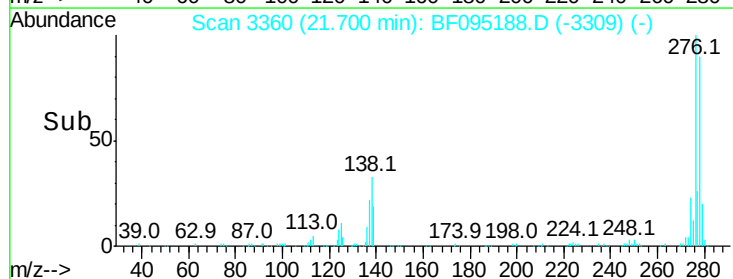
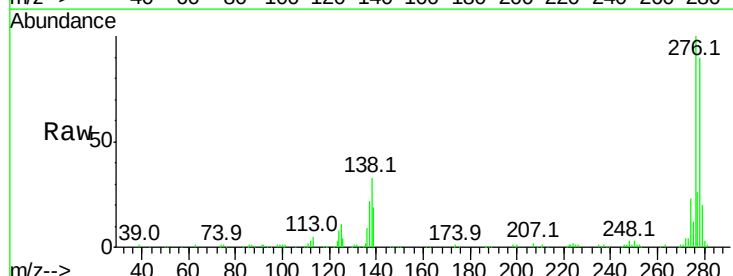
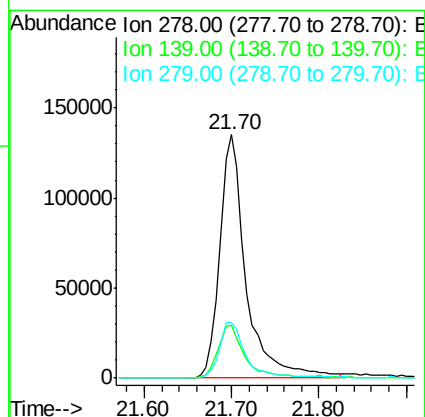
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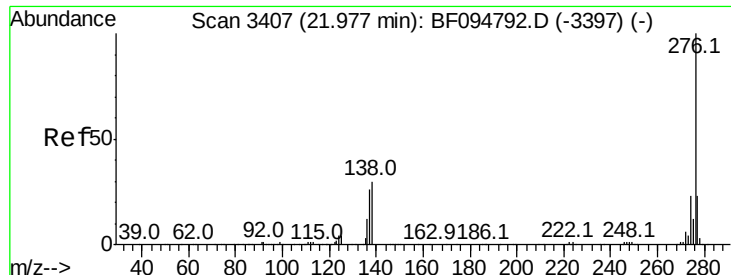
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#90  
Dibenzo(a,h)anthracene  
Concen: 38.68 ng  
RT: 21.70 min Scan# 3360  
Delta R.T. 0.00 min  
Lab File: BF095188.D  
Acq: 17 May 2017 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.7  | 16.6  | 24.8  |
| 279     | 22.9  | 19.3  | 28.9  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 39.75 ng  
 RT: 22.08 min Scan# 3425  
 Delta R.T. 0.00 min  
 Lab File: BF095188.D  
 Acq: 17 May 2017 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 283937 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 22.8 | 18.6  | 28.0   |
| 138       | 29.1 | 25.4  | 38.0   |

Manual Integrations  
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