

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050517\  
 Data File : BF094943.D  
 Acq On : 6 May 2017 5:20  
 Operator : SJ/MA  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 5/8/2017 2:48:40 PM

Quant Time: May 06 06:43:27 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 03 17:24:51 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 92202    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 9.74  | 136  | 386389   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 12.57 | 164  | 176840   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 14.97 | 188  | 304442   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 18.64 | 240  | 234975   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 20.31 | 264  | 183903   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.66  | 112 | 454479  | 82.18 | ng | -0.02 |
| 7) Phenol-d6             | 7.26  | 99  | 557526  | 84.02 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 8.62  | 82  | 498171  | 81.30 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 13.87 | 330 | 119586  | 82.57 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 11.52 | 172 | 1003190 | 81.65 | ng | -0.01 |
| 78) Terphenyl-d14        | 17.30 | 244 | 824335  | 77.27 | ng | -0.01 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.07  | 88  | 133655 | 49.28 | ng | 96     |
| 3) Pyridine                    | 2.73  | 79  | 252952 | 40.24 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 2.67  | 42  | 100501 | 38.36 | ng | 88     |
| 6) Aniline                     | 7.22  | 93  | 360206 | 43.00 | ng | 97     |
| 8) 2-Chlorophenol              | 7.41  | 128 | 269536 | 42.82 | ng | 96     |
| 9) Benzaldehyde                | 7.03  | 77  | 171034 | 42.21 | ng | 97     |
| 10) Phenol                     | 7.28  | 94  | 293464 | 41.97 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 7.35  | 93  | 244624 | 42.38 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.62  | 146 | 300590 | 42.10 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.75  | 146 | 294423 | 40.66 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.98  | 146 | 280897 | 41.56 | ng | 97     |
| 15) Benzyl Alcohol             | 8.00  | 79  | 205790 | 48.22 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.21  | 45  | 313514 | 38.37 | ng | # 48   |
| 17) 2-Methylphenol             | 8.21  | 107 | 212152 | 41.18 | ng | # 89   |
| 18) Hexachloroethane           | 8.50  | 117 | 100841 | 41.11 | ng | # 88   |
| 19) n-Nitroso-di-n-propylamine | 8.42  | 70  | 187603 | 41.80 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.47  | 107 | 291395 | 41.63 | ng | # 60   |
| 22) Acetophenone               | 8.39  | 105 | 380724 | 41.07 | ng | # 85   |
| 24) Nitrobenzene               | 8.65  | 77  | 263562 | 41.04 | ng | 94     |
| 25) Isophorone                 | 9.05  | 82  | 495836 | 45.32 | ng | 95     |
| 26) 2-Nitrophenol              | 9.15  | 139 | 152672 | 44.05 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 9.30  | 122 | 242726 | 43.32 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.42  | 93  | 312771 | 41.32 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 9.57  | 162 | 216903 | 41.00 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 9.67  | 180 | 226018 | 39.88 | ng | 98     |
| 31) Naphthalene                | 9.78  | 128 | 775181 | 39.92 | ng | 99     |
| 32) Benzoic acid               | 9.61  | 122 | 136382 | 38.23 | ng | 94     |
| 33) 4-Chloroaniline            | 9.91  | 127 | 313944 | 43.38 | ng | # 93   |
| 34) Hexachlorobutadiene        | 10.00 | 225 | 117947 | 39.44 | ng | 97     |
| 35) Caprolactam                | 10.53 | 113 | 68802m | 43.31 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 10.76 | 107 | 239601 | 42.36 | ng | 88     |
| 37) 2-Methylnaphthalene        | 10.90 | 142 | 529701 | 41.56 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 11.18 | 216 | 221018 | 40.64 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 11.15 | 237 | 73977  | 35.96 | ng | 98     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050517\  
 Data File : BF094943.D  
 Acq On : 6 May 2017 5:20  
 Operator : SJ/MA  
 Sample : SSTDC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDC040

Manual Integrations  
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Quant Time: May 06 06:43:27 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 03 17:24:51 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.40 | 196  | 152057   | 41.88 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 11.48 | 196  | 150842   | 38.65 | ng    | 93       |
| 45) 1,1'-Biphenyl              | 11.67 | 154  | 613848   | 41.23 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 11.68 | 162  | 475718   | 39.57 | ng    | 96       |
| 47) 2-Nitroaniline             | 11.90 | 65   | 132091   | 40.14 | ng    | # 79     |
| 48) Acenaphthylene             | 12.34 | 152  | 771504   | 40.97 | ng    | 98       |
| 49) Dimethylphthalate          | 12.21 | 163  | 561264   | 38.66 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 12.31 | 165  | 121504   | 41.02 | ng    | 97       |
| 51) Acenaphthene               | 12.62 | 154  | 437057   | 38.86 | ng    | 98       |
| 52) 3-Nitroaniline             | 12.57 | 138  | 123688   | 38.91 | ng    | 92       |
| 53) 2,4-Dinitrophenol          | 12.78 | 184  | 48156    | 33.46 | ng    | # 70     |
| 54) Dibenzofuran               | 12.91 | 168  | 689347   | 44.29 | ng    | 97       |
| 55) 4-Nitrophenol              | 12.97 | 139  | 67171    | 35.18 | ng    | # 62     |
| 56) 2,4-Dinitrotoluene         | 12.97 | 165  | 162506   | 42.70 | ng    | # 91     |
| 57) Fluorene                   | 13.47 | 166  | 533963   | 39.45 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 13.15 | 232  | 110368   | 44.94 | ng    | # 97     |
| 59) Diethylphthalate           | 13.36 | 149  | 531949   | 38.23 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 13.49 | 204  | 236008   | 39.68 | ng    | 89       |
| 61) 4-Nitroaniline             | 13.57 | 138  | 115902   | 39.72 | ng    | 95       |
| 62) Azobenzene                 | 13.75 | 77   | 501730   | 44.87 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 13.63 | 198  | 78180    | 38.31 | ng    | # 69     |
| 65) n-Nitrosodiphenylamine     | 13.70 | 169  | 453157   | 41.01 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 14.28 | 248  | 122691   | 38.15 | ng    | 99       |
| 67) Hexachlorobenzene          | 14.36 | 284  | 123622   | 37.50 | ng    | # 88     |
| 68) Atrazine                   | 14.62 | 200  | 125628   | 40.27 | ng    | 96       |
| 69) Pentachlorophenol          | 14.71 | 266  | 49408    | 36.58 | ng    | 93       |
| 70) Phenanthrene               | 15.01 | 178  | 711806   | 40.69 | ng    | 98       |
| 71) Anthracene                 | 15.09 | 178  | 750939   | 42.03 | ng    | 98       |
| 72) Carbazole                  | 15.37 | 167  | 692309   | 42.58 | ng    | 98       |
| 73) Di-n-butylphthalate        | 15.94 | 149  | 843896   | 41.62 | ng    | 99       |
| 74) Fluoranthene               | 16.75 | 202  | 715061   | 39.85 | ng    | 98       |
| 76) Benzidine                  | 16.97 | 184  | 156992   | 27.90 | ng    | 96       |
| 77) Pyrene                     | 17.05 | 202  | 732112   | 41.66 | ng    | 100      |
| 79) Butylbenzylphthalate       | 17.96 | 149  | 345679   | 42.29 | ng    | 91       |
| 80) Benzo(a)anthracene         | 18.63 | 228  | 558722   | 40.86 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 18.61 | 252  | 174431   | 36.93 | ng    | # 97     |
| 82) Chrysene                   | 18.67 | 228  | 533416   | 40.34 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 18.70 | 149  | 493335   | 42.36 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 19.47 | 149  | 766366   | 40.14 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.59 | 276  | 479069   | 44.61 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 19.89 | 252  | 466305   | 41.03 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 19.92 | 252  | 440533   | 40.19 | ng    | 97       |
| 89) Benzo(a)pyrene             | 20.25 | 252  | 437833   | 41.75 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 21.60 | 278  | 398486   | 46.01 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 21.97 | 276  | 410767   | 48.34 | ng    | 99       |

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

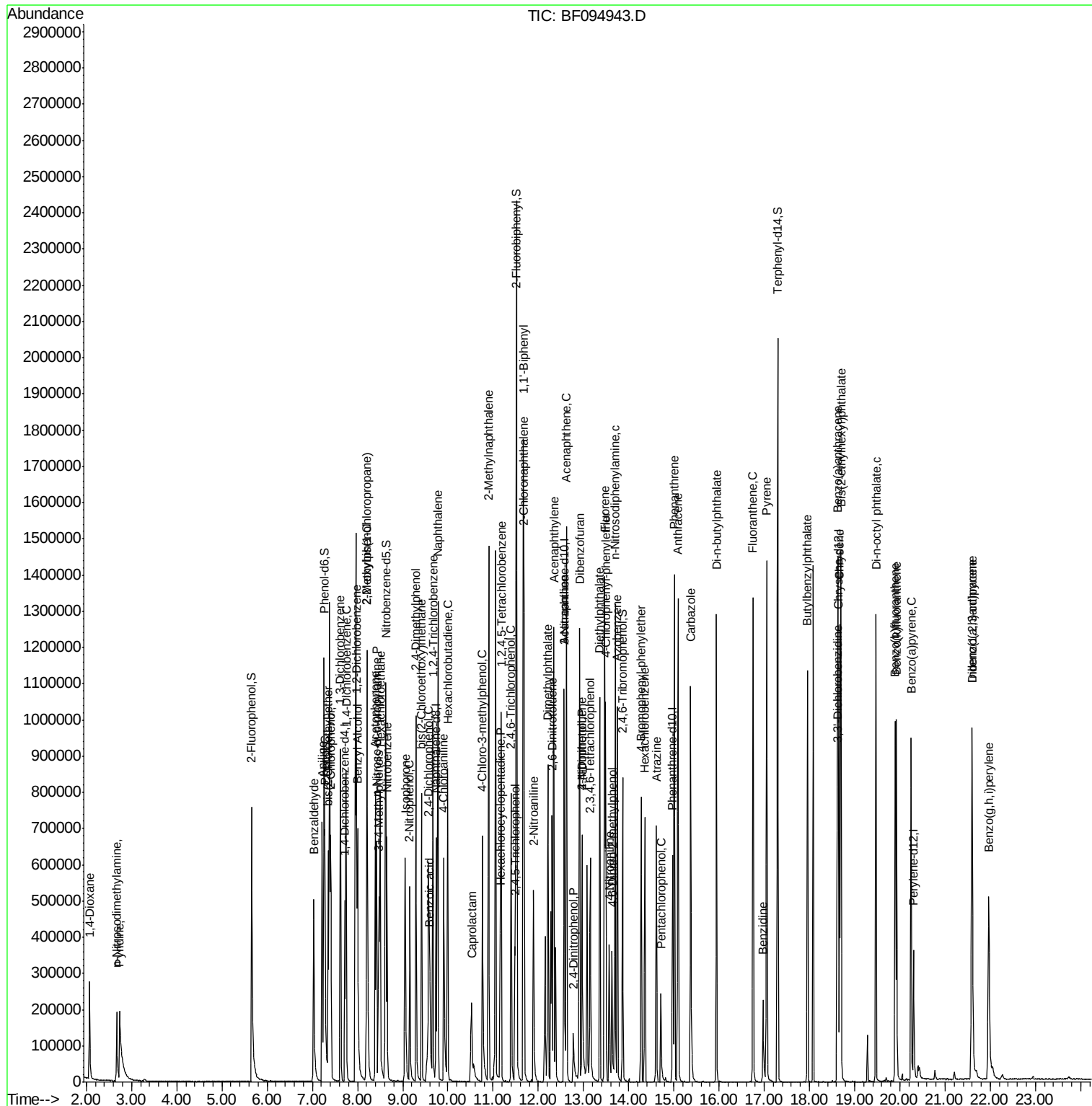
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\  
Data File : BF094943.D  
Acq On    : 6 May 2017    5:20  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

## Manual Integrations APPROVED

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Quant Time: May 06 06:43:27 2017  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 03 17:24:51 2017  
Response via : Initial Calibration





#1

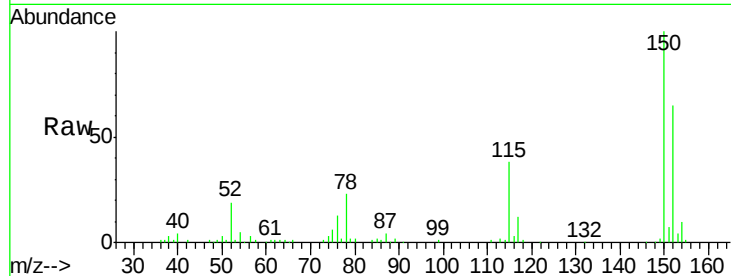
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.72 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

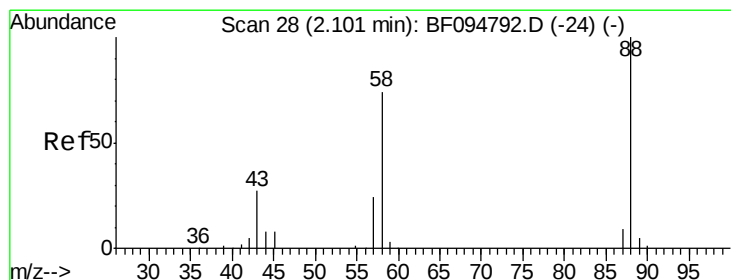
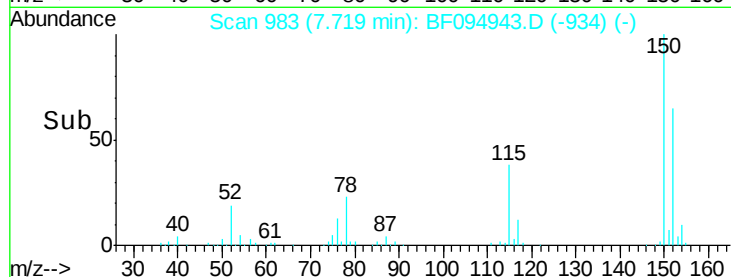
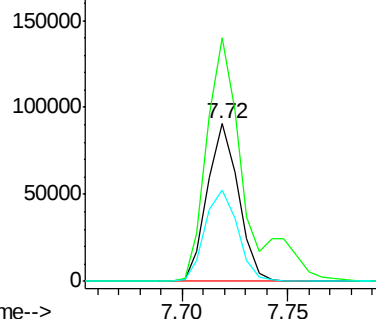
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.6 | 126.2 | 189.2 |
| 115     | 58.0  | 52.2  | 78.2  |

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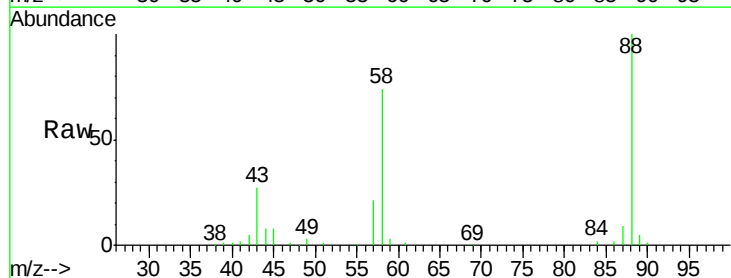
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



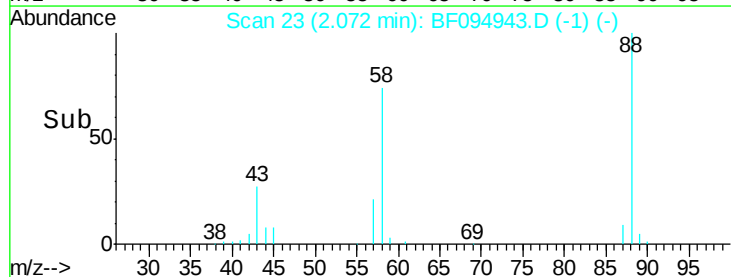
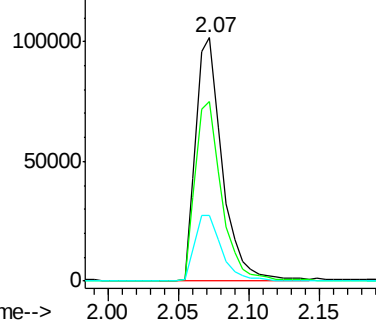
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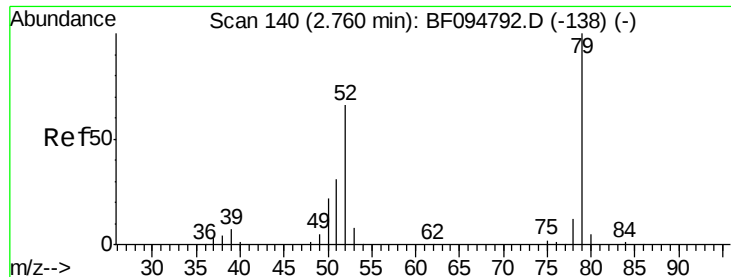
1,4-Dioxane  
Concen: 49.28 ng  
RT: 2.07 min Scan# 23  
Delta R.T. -0.03 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 73.6  | 61.4  | 92.0  |
| 43      | 27.3  | 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

Pyridine

Concen: 40.24 ng

RT: 2.73 min Scan# 135

Delta R.T. -0.03 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA\_F

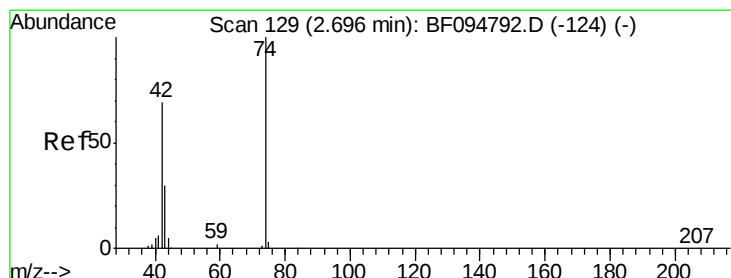
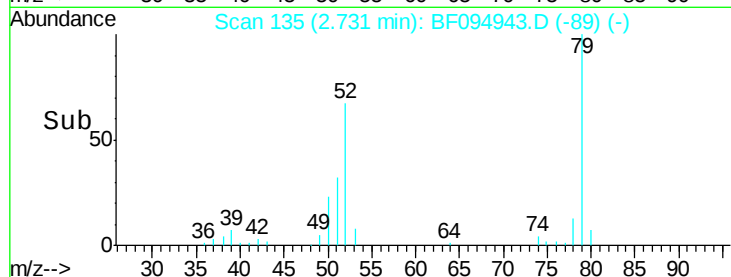
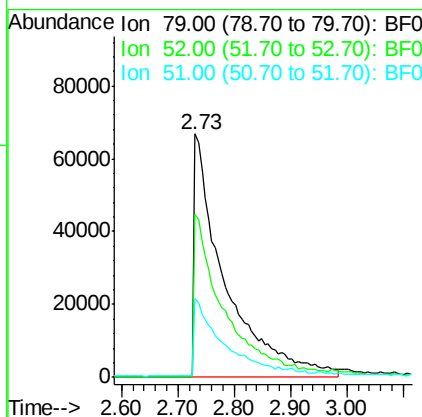
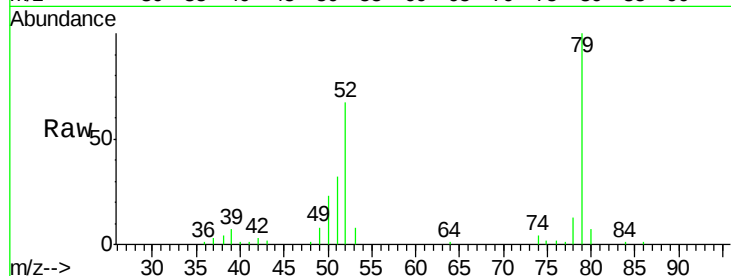
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 252952 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 66.7  | 54.8  | 82.2   |
| 51       | 32.1  | 27.0  | 40.4   |

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#4

n-Nitrosodimethylamine

Concen: 38.36 ng

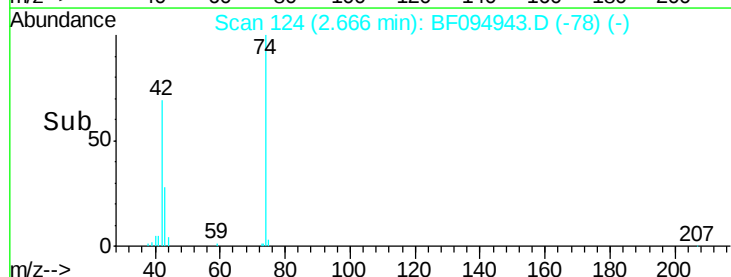
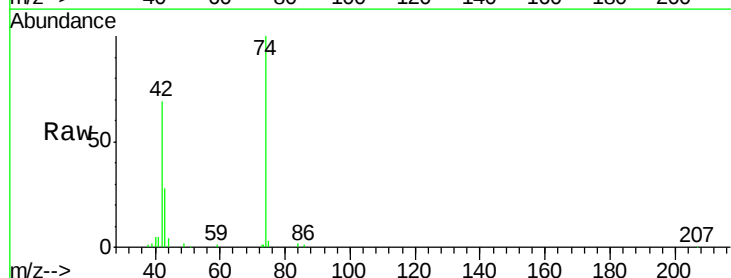
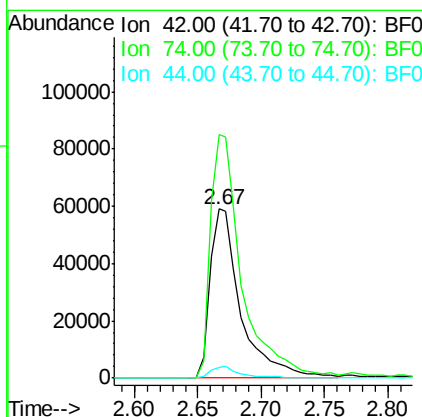
RT: 2.67 min Scan# 124

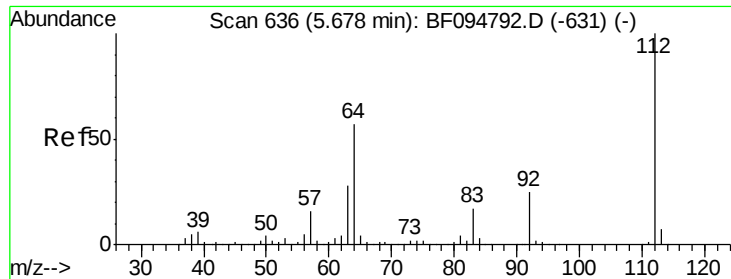
Delta R.T. -0.03 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 100501 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 144.2 | 103.9 | 155.9  |
| 44       | 6.4   | 5.7   | 8.5    |





#5

2-Fluorophenol

Concen: 82.18 ng

RT: 5.66 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA\_F

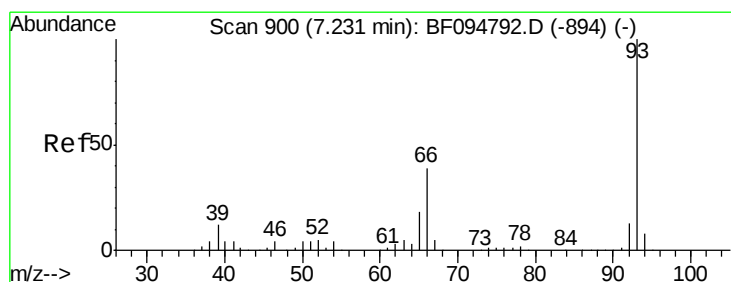
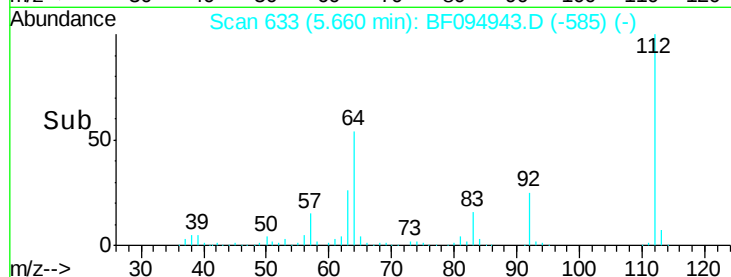
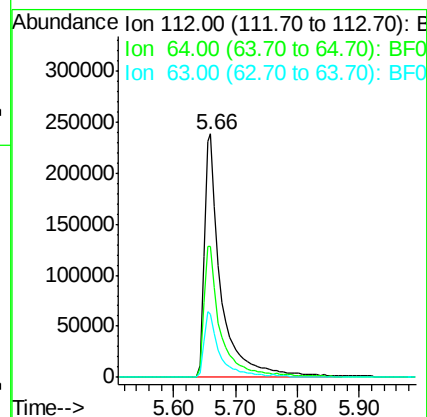
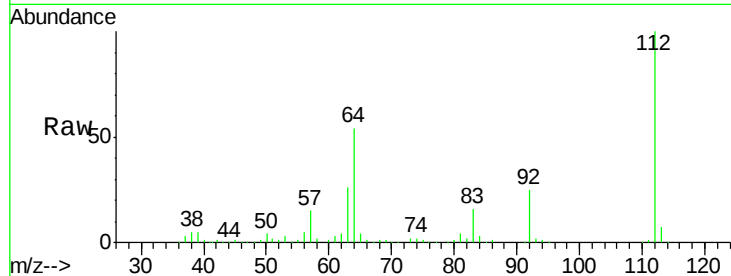
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 454479 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 53.7  | 46.0  | 69.0   |
| 63        | 26.0  | 23.4  | 35.0   |

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#6

Aniline

Concen: 43.00 ng

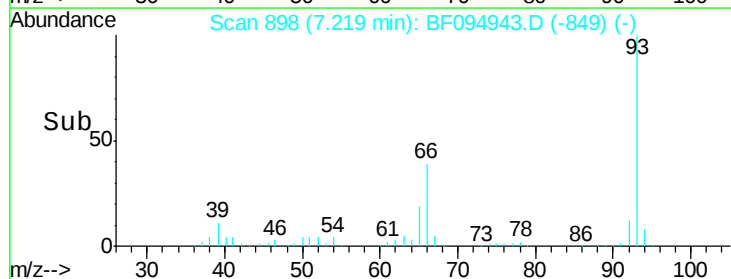
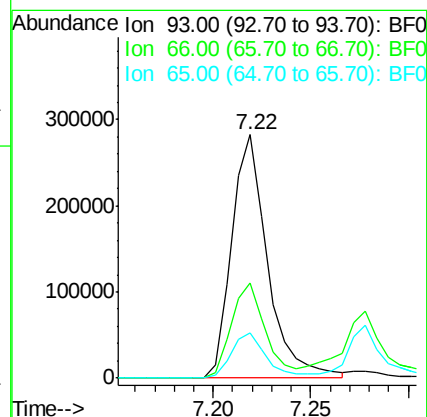
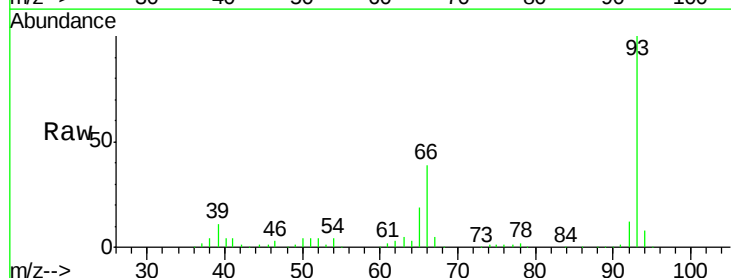
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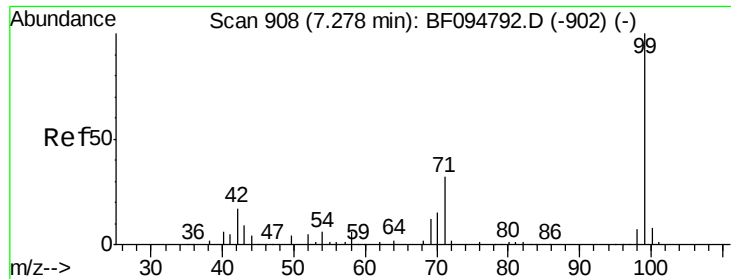
Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 360206 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.1  | 32.9  | 49.3   |
| 65        | 18.6  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 84.02 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA\_F

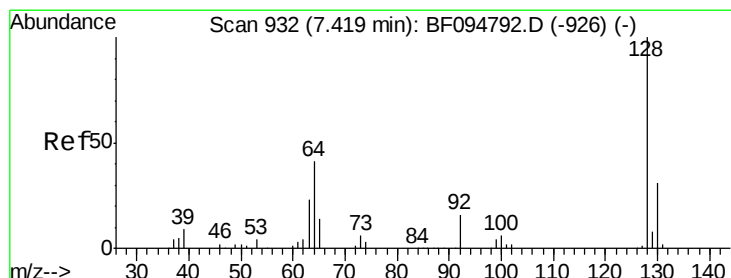
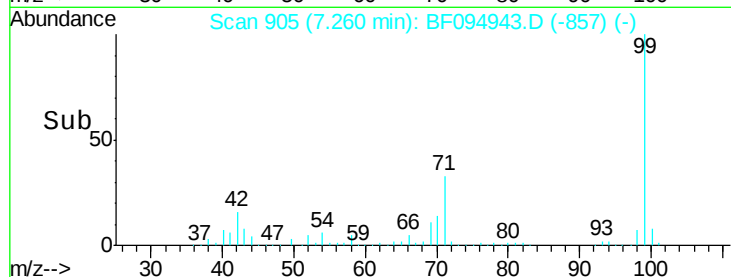
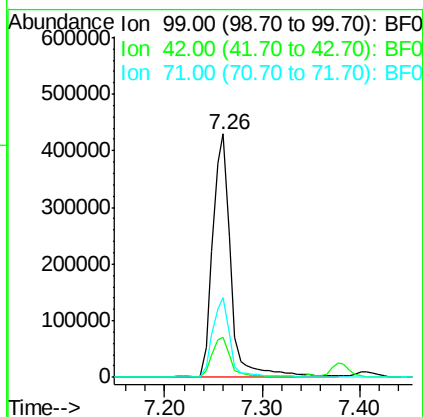
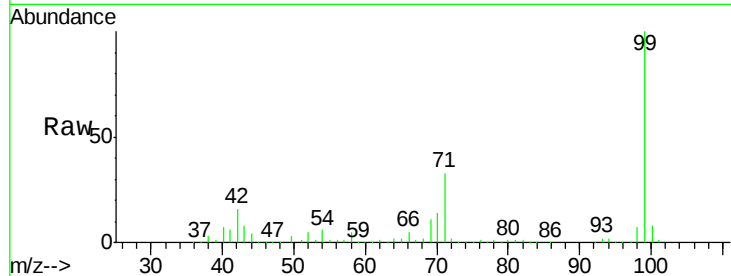
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 557526 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.2  | 13.5  | 20.3   |
| 71        | 32.5  | 24.5  | 36.7   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 42.82 ng

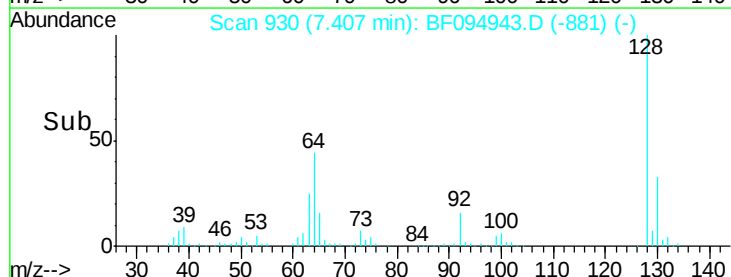
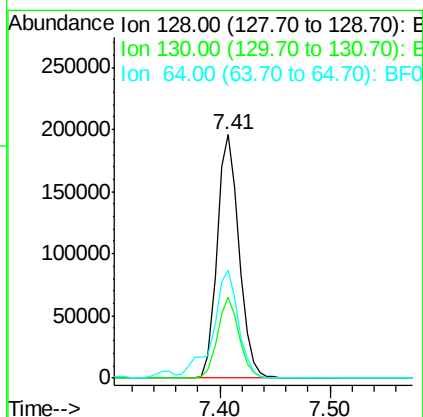
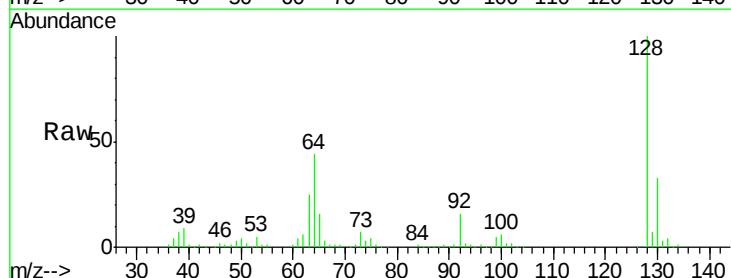
RT: 7.41 min Scan# 930

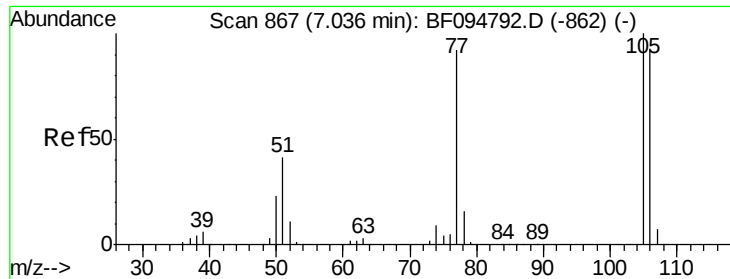
Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 269536 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.2  | 12.9  | 52.9   |
| 64        | 44.3  | 28.4  | 68.4   |





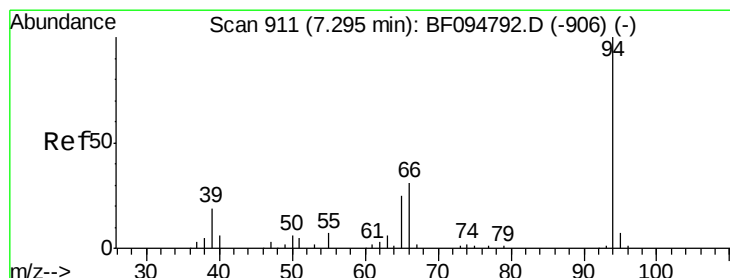
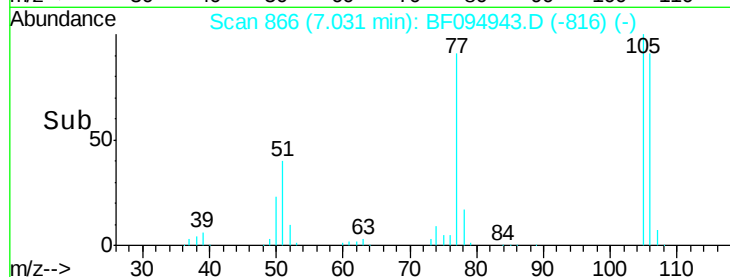
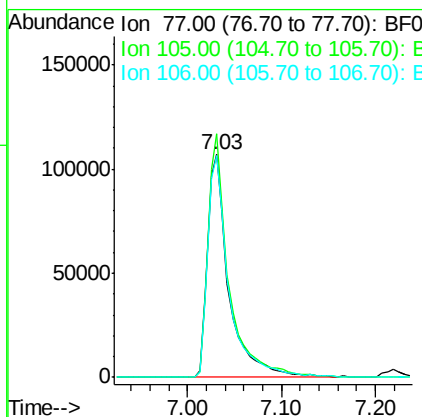
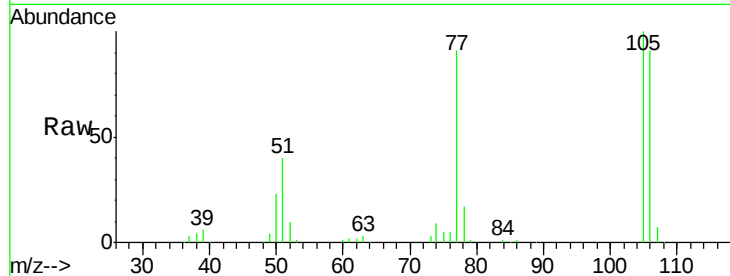
#9  
Benzaldehyde  
Concen: 42.21 ng  
RT: 7.03 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 171034  
Ion Ratio Lower Upper  
77 100  
105 109.4 83.8 123.8  
106 99.8 79.1 119.1

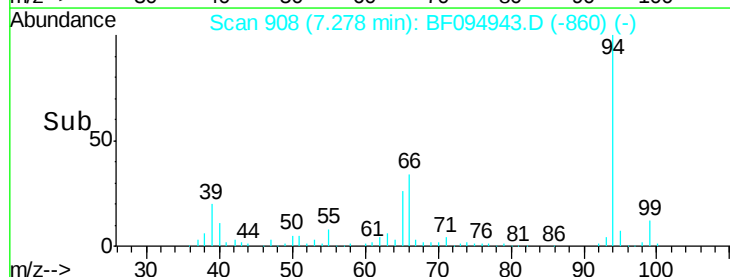
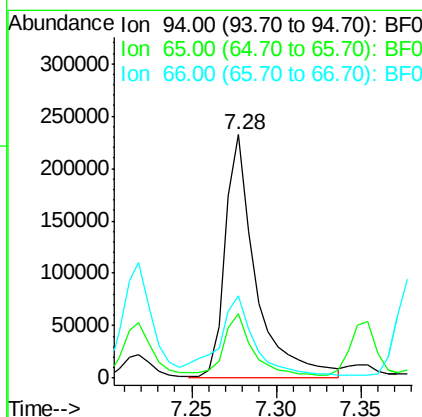
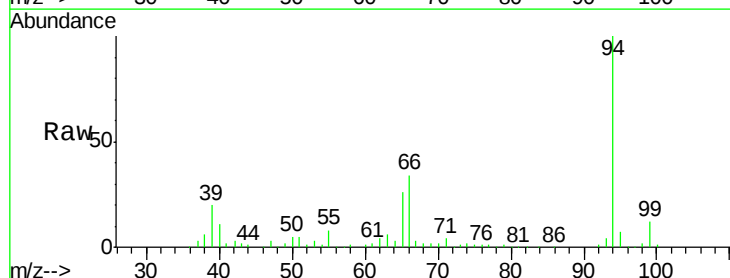
Manual Integrations  
APPROVED

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#10  
Phenol  
Concen: 41.97 ng  
RT: 7.28 min Scan# 908  
Delta R.T. -0.02 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Tgt Ion: 94 Resp: 293464  
Ion Ratio Lower Upper  
94 100  
65 26.3 9.9 49.9  
66 33.6 23.1 63.1





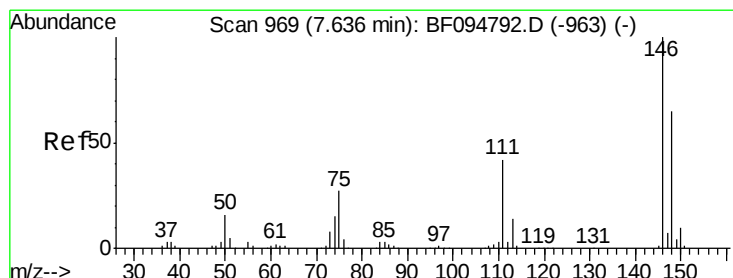
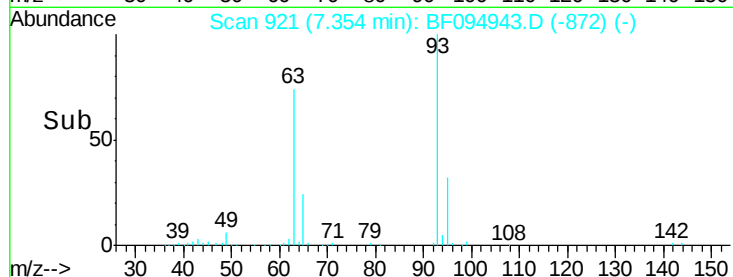
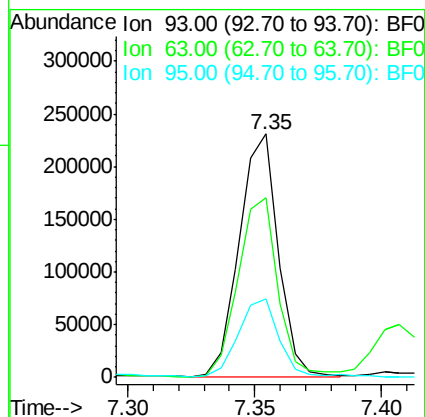
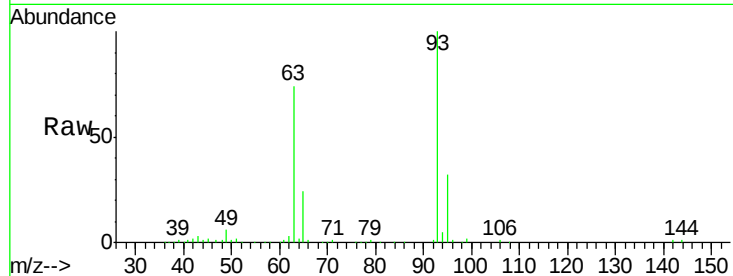
#11  
bis(2-Chloroethyl)ether  
Concen: 42.38 ng  
RT: 7.35 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 244624 |       |       |
| 63      | 73.8  | 59.2   | 99.2  |       |
| 95      | 32.2  | 12.8   | 52.8  |       |

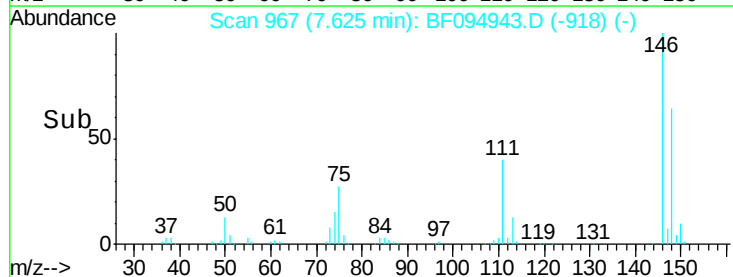
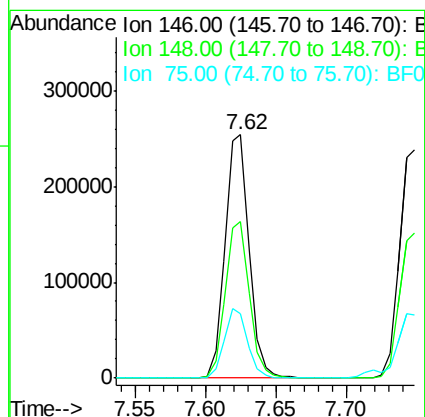
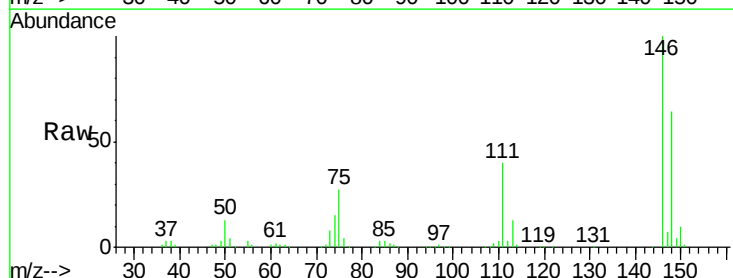
Manual Integrations  
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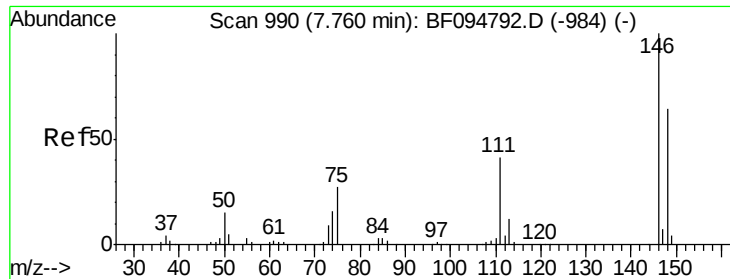
mohammad  
5/8/2017 2:48:40 PM



#12  
1,3-Dichlorobenzene  
Concen: 42.10 ng  
RT: 7.62 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 300590 |       |       |
| 148     | 64.4  | 51.8   | 77.6  |       |
| 75      | 26.6  | 23.1   | 34.7  |       |





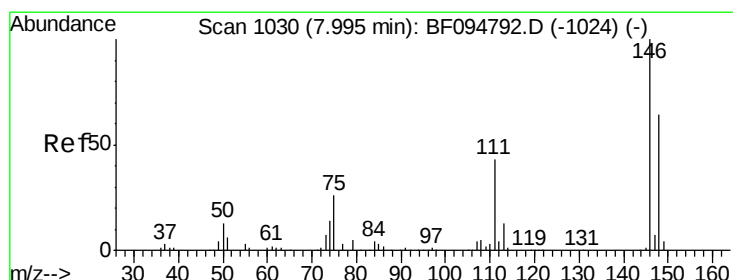
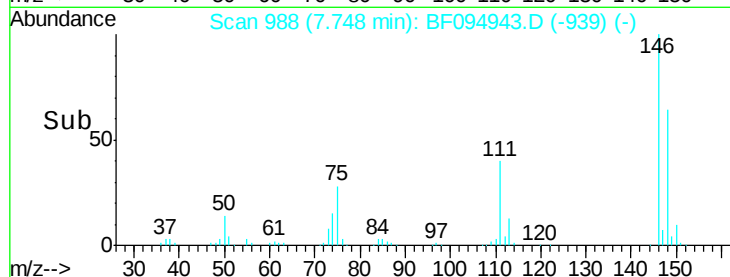
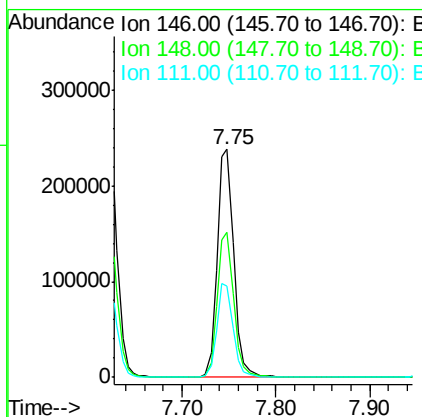
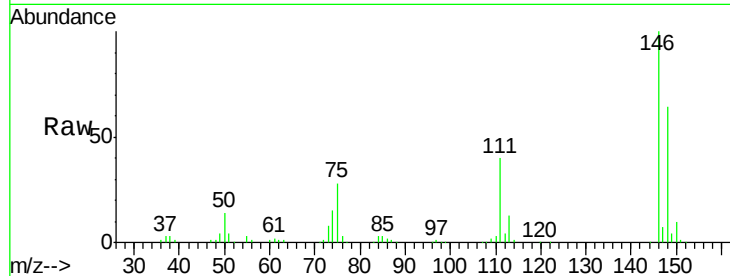
#13  
 1,4-Dichlorobenzene  
 Concen: 40.66 ng  
 RT: 7.75 min Scan# 988  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 52.2  | 78.2  |
| 111     | 40.3  | 30.3  | 45.5  |

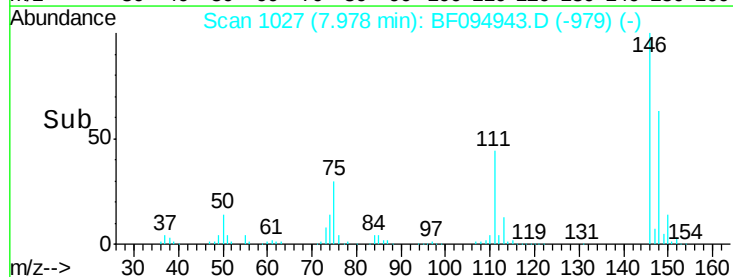
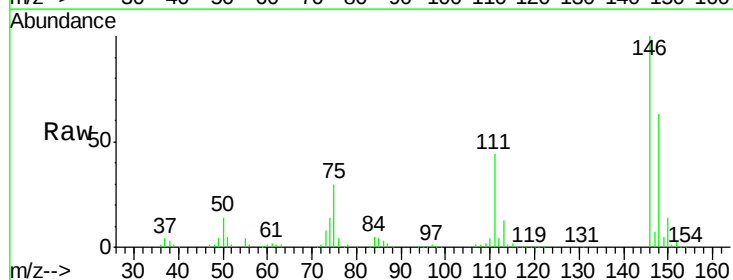
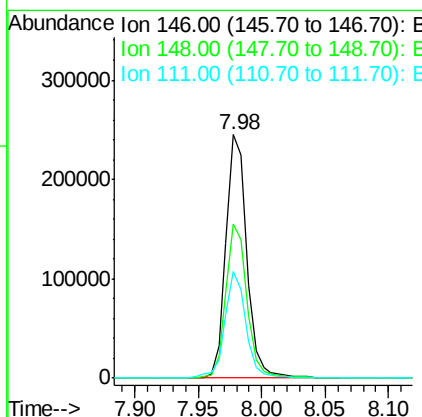
Manual Integrations  
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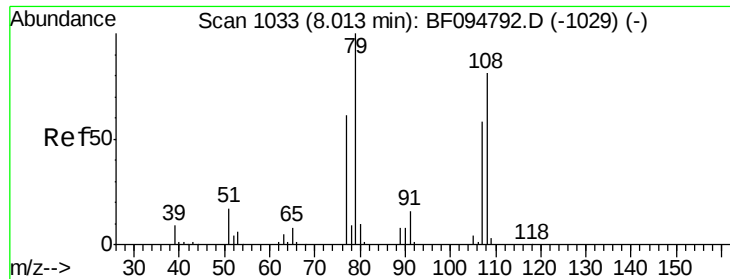
mohammad  
 5/8/2017 2:48:40 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 41.56 ng  
 RT: 7.98 min Scan# 1027  
 Delta R.T. -0.02 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 50.4  | 75.6  |
| 111     | 43.6  | 38.2  | 57.4  |





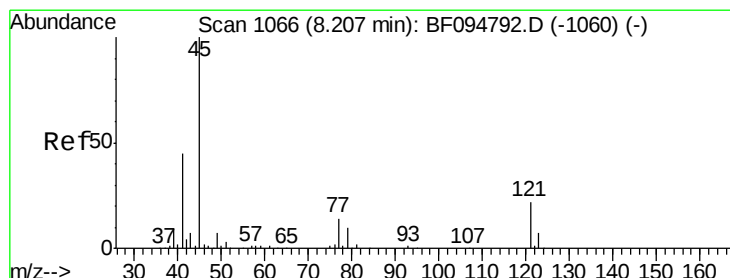
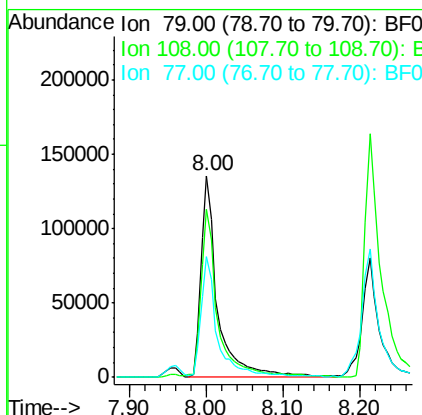
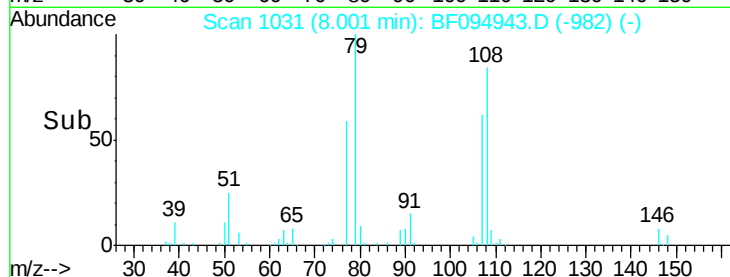
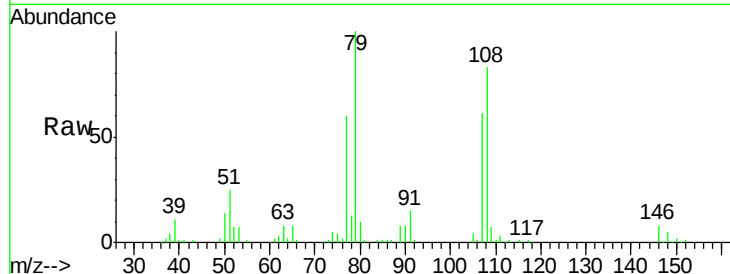
#15  
Benzyl Alcohol  
Concen: 48.22 ng  
RT: 8.00 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 83.1  | 63.4  | 95.0  |
| 77      | 59.6  | 49.2  | 73.8  |

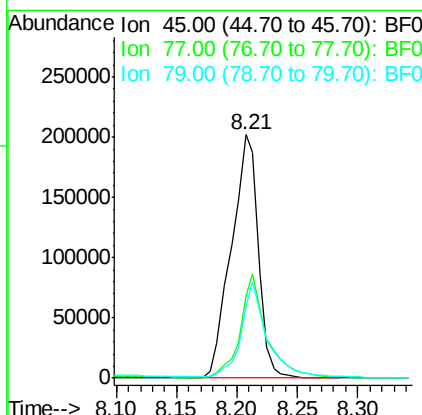
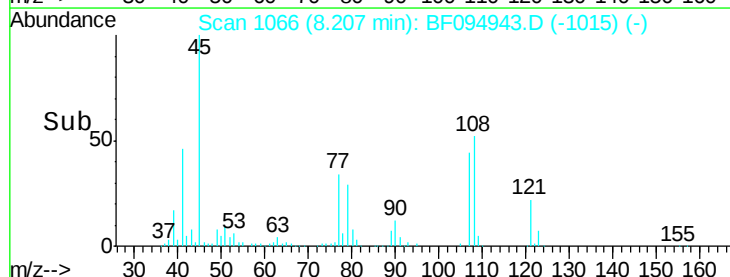
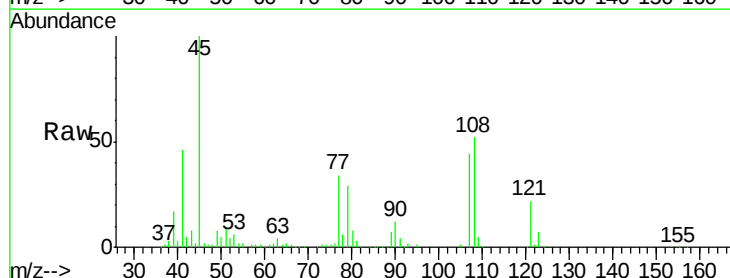
Manual Integrations  
APPROVED

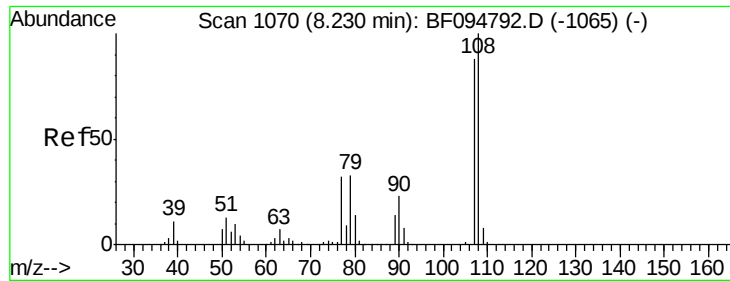
mohammad  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.37 ng  
RT: 8.21 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 33.9  | 0.0   | 33.2# |
| 79      | 29.4  | 0.0   | 30.0  |





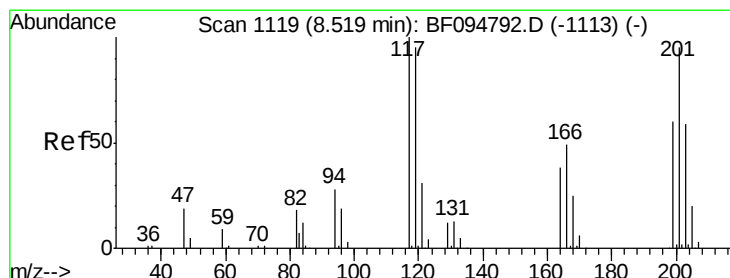
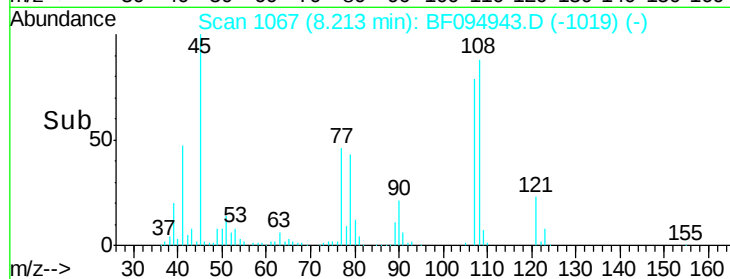
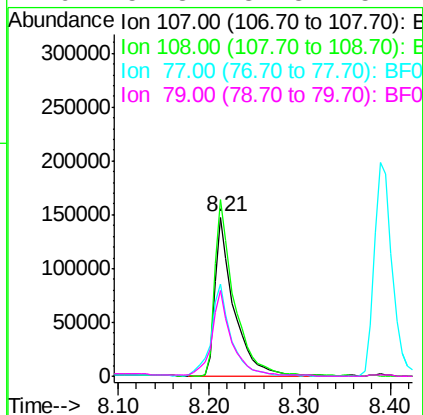
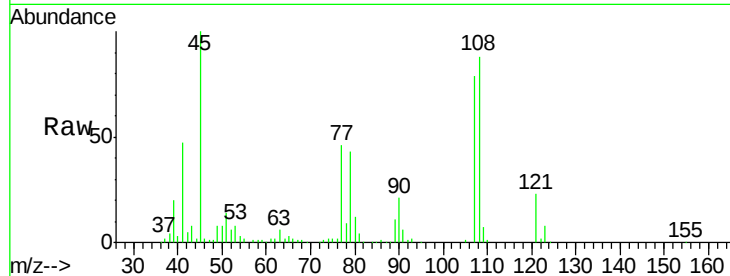
#17  
2-Methylphenol  
Concen: 41.18 ng  
RT: 8.21 min Scan# 1067  
Delta R.T. -0.02 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.8 | 93.4 | 140.0 |       |
| 77      | 58.2  | 35.8 | 53.6# |       |
| 79      | 54.3  | 34.8 | 52.2# |       |

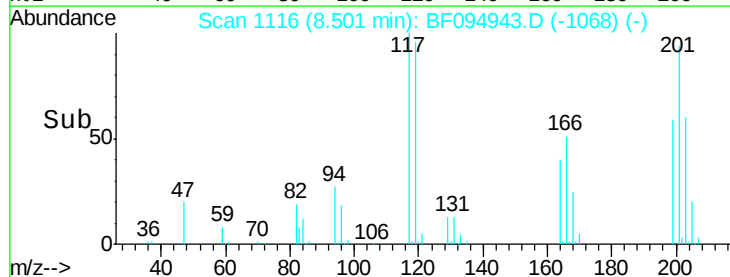
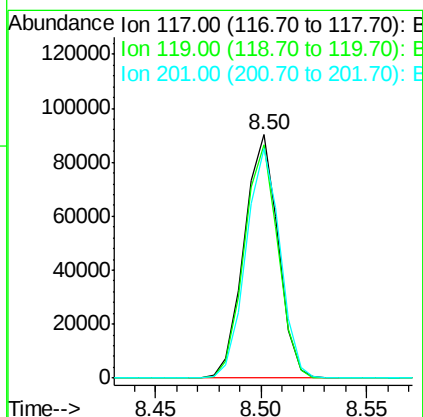
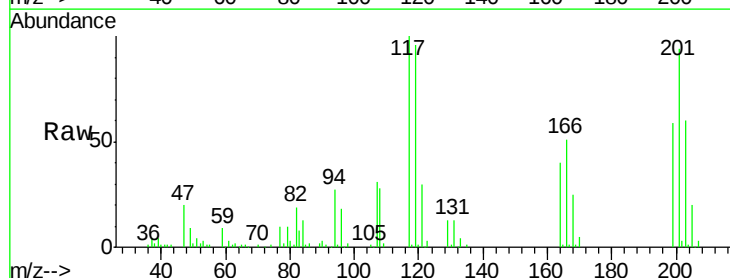
Manual Integrations  
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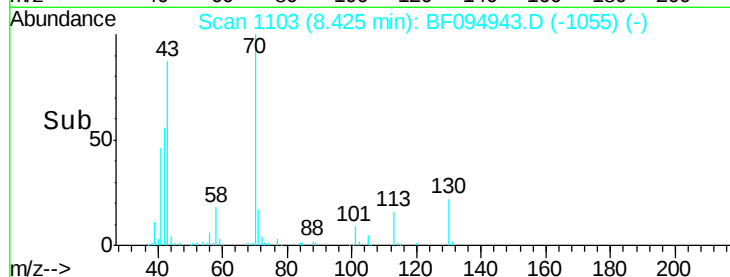
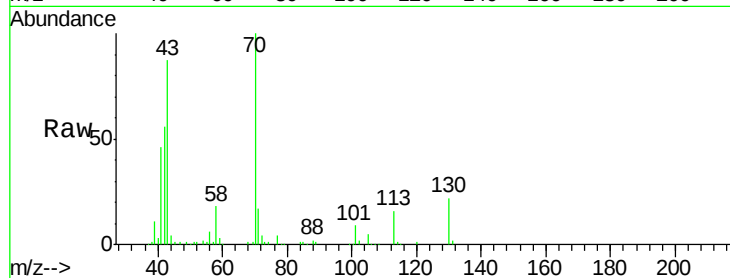
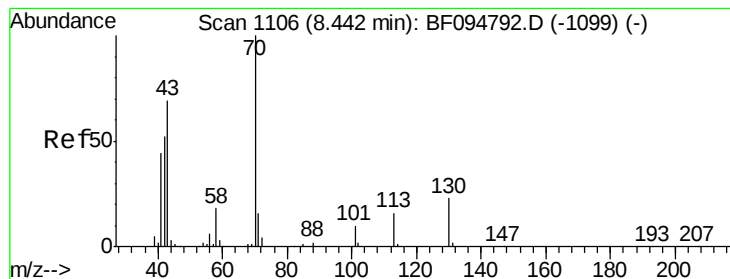
mohammad  
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#18  
Hexachloroethane  
Concen: 41.11 ng  
RT: 8.50 min Scan# 1116  
Delta R.T. -0.02 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 95.7  | 77.4 | 116.0  |       |
| 201     | 94.2  | 94.6 | 141.8# |       |





#19

n-Nitroso-di-n-propylamine

Concen: 41.80 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 187603

Ion Ratio Lower Upper

70 100

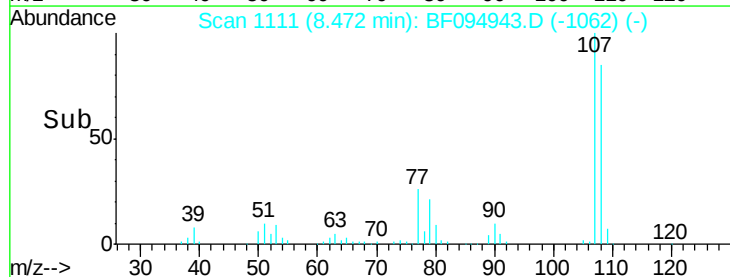
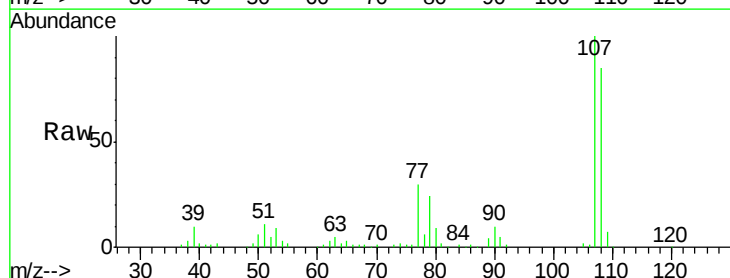
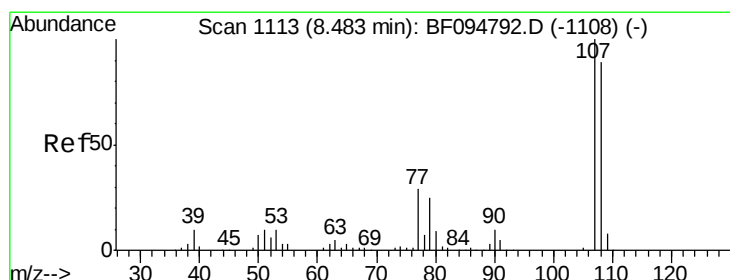
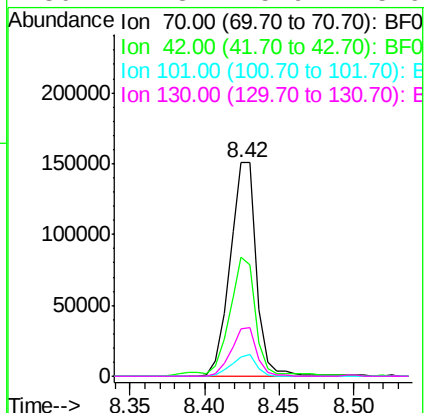
42 55.8 47.2 70.8

101 9.3 7.2 10.8

130 22.3 15.9 23.9

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#20

3+4-Methylphenols

Concen: 41.63 ng

RT: 8.47 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Tgt Ion: 107 Resp: 291395

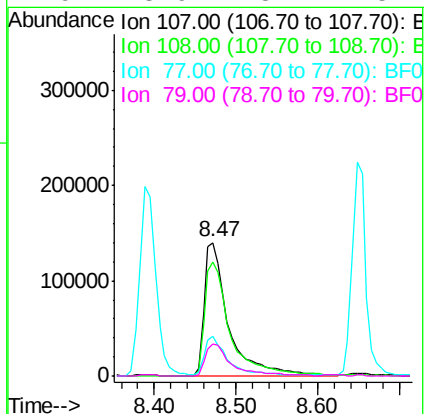
Ion Ratio Lower Upper

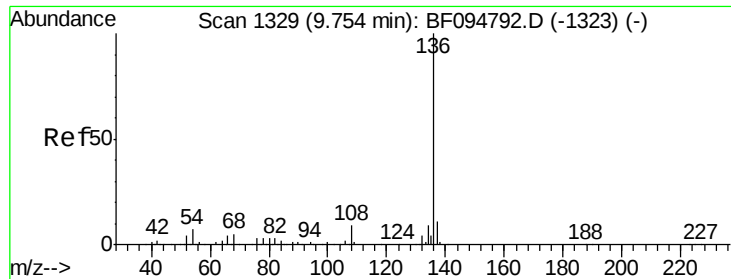
107 100

108 85.2 71.0 111.0

77 29.5 90.5 130.5#

79 23.9 8.4 48.4





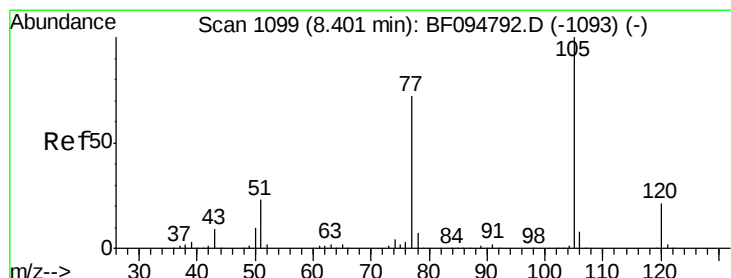
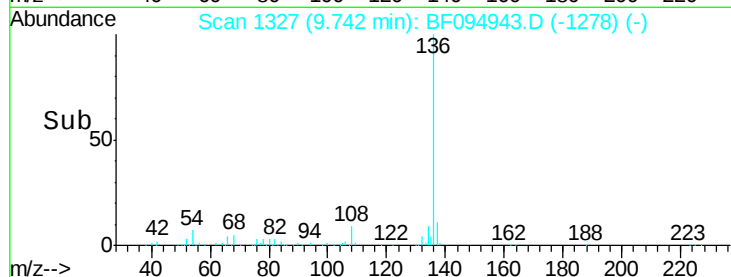
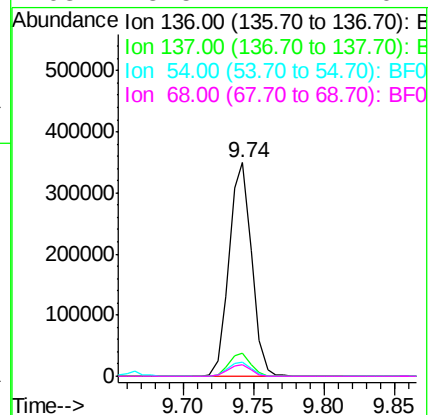
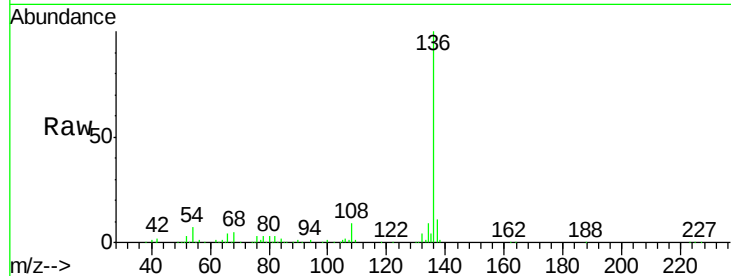
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.74 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 386389 |       |       |
| 137     | 11.0  | 8.5    | 12.7  |       |
| 54      | 6.7   | 4.9    | 7.3   |       |
| 68      | 5.5   | 4.1    | 6.1   |       |

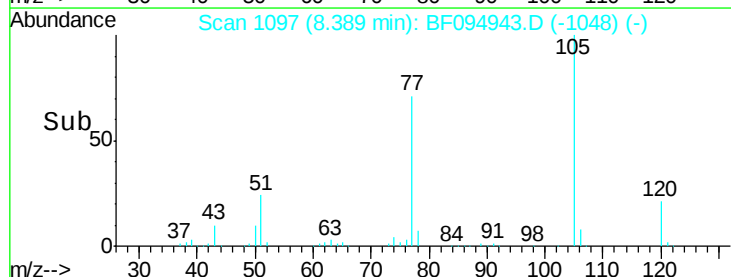
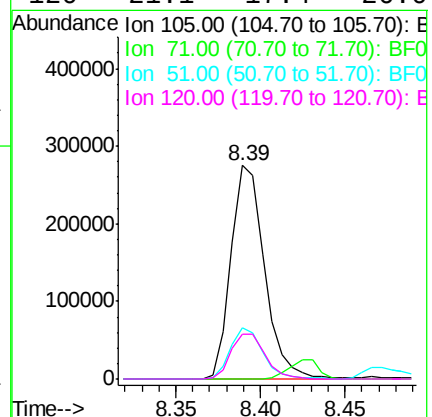
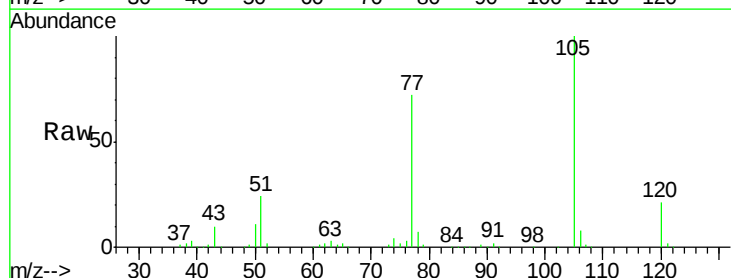
Manual Integrations  
APPROVED

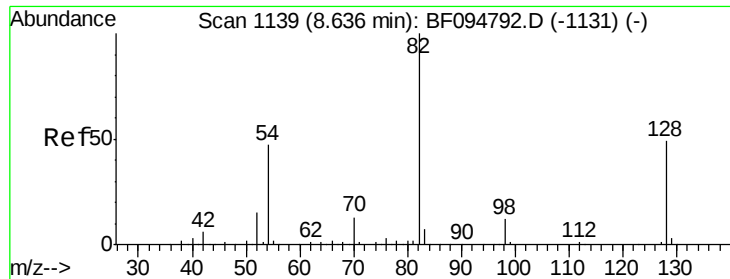
mohammad  
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#22  
Acetophenone  
Concen: 41.07 ng  
RT: 8.39 min Scan# 1097  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 380724 |       |       |
| 71      | 0.0   | 2.8    | 4.2#  |       |
| 51      | 24.2  | 30.7   | 46.1# |       |
| 120     | 21.1  | 17.4   | 26.0  |       |





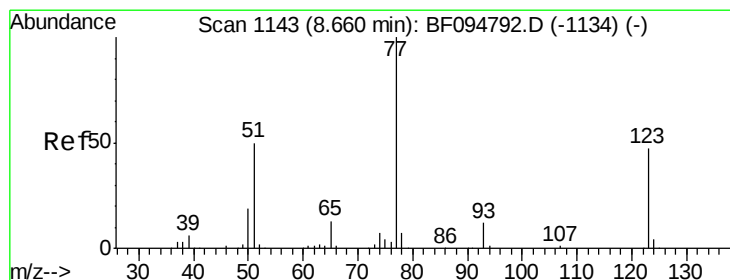
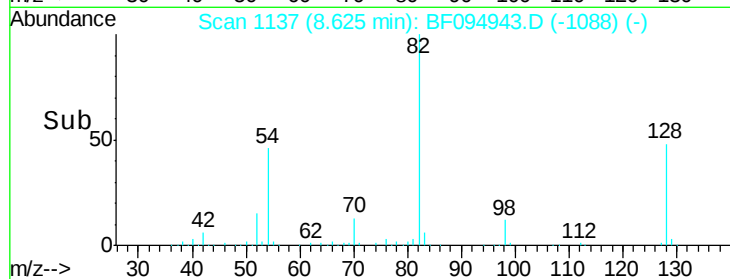
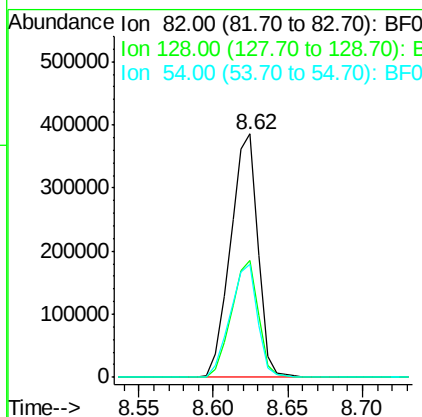
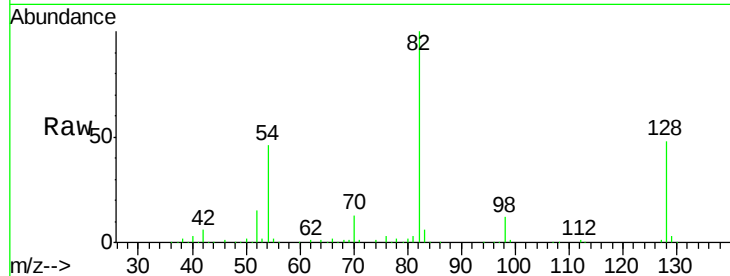
#23  
 Nitrobenzene-d5  
 Concen: 81.30 ng  
 RT: 8.62 min Scan# 1137  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 498171 |       |       |
| 128     | 48.1  | 34.0   | 51.0  |       |
| 54      | 46.2  | 42.2   | 63.2  |       |

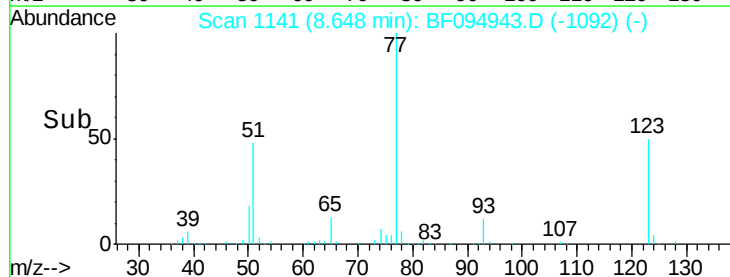
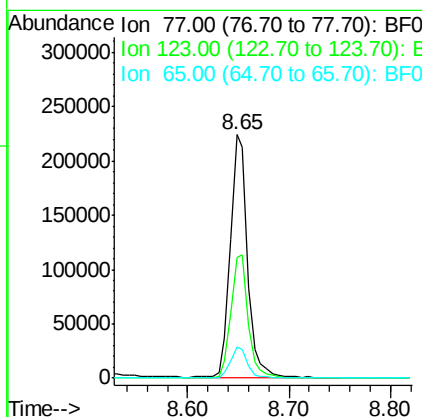
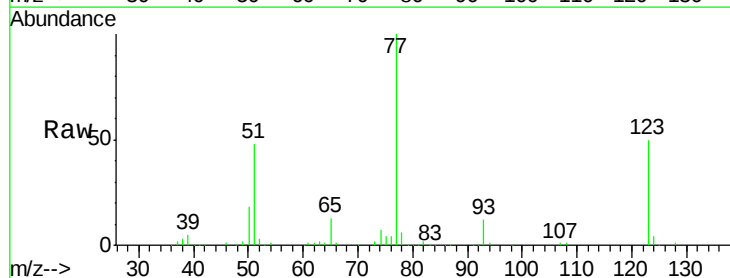
Manual Integrations  
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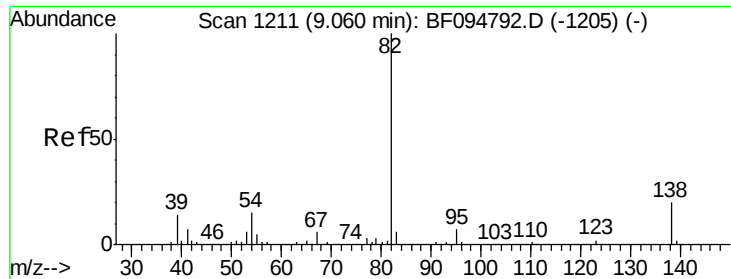
mohammad  
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#24  
 Nitrobenzene  
 Concen: 41.04 ng  
 RT: 8.65 min Scan# 1141  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 263562 |       |       |
| 123     | 49.5  | 35.8   | 53.8  |       |
| 65      | 12.7  | 10.6   | 15.8  |       |





#25

Isophorone

Concen: 45.32 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA\_F

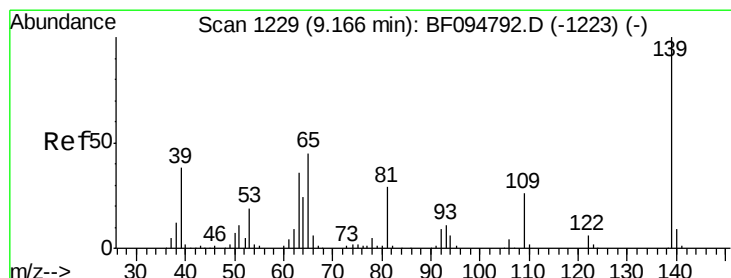
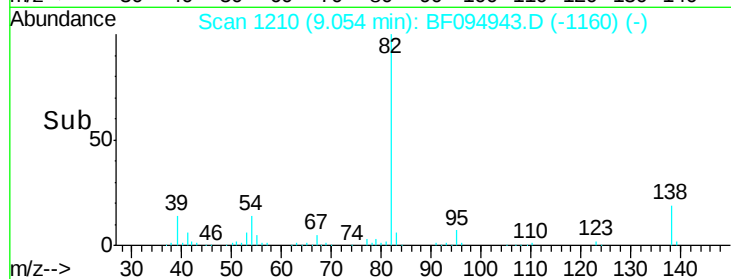
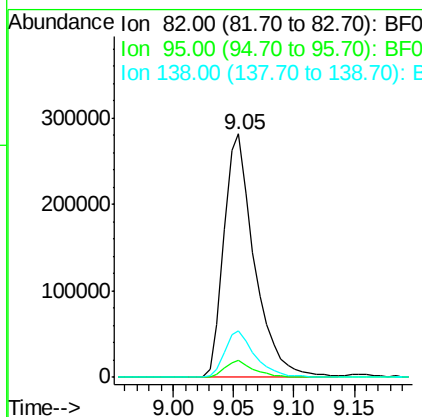
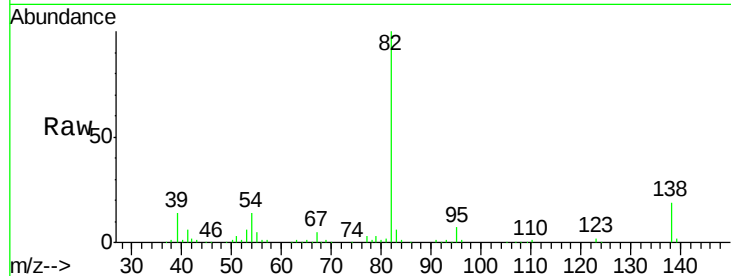
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 495836 |       |       |
| 95      | 6.8   | 5.3    | 7.9   |       |
| 138     | 19.2  | 13.1   | 19.7  |       |

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#26

2-Nitrophenol

Concen: 44.05 ng

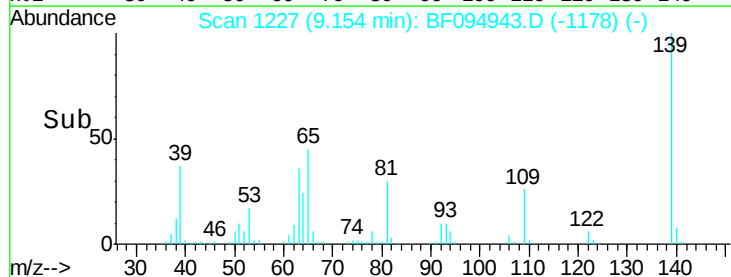
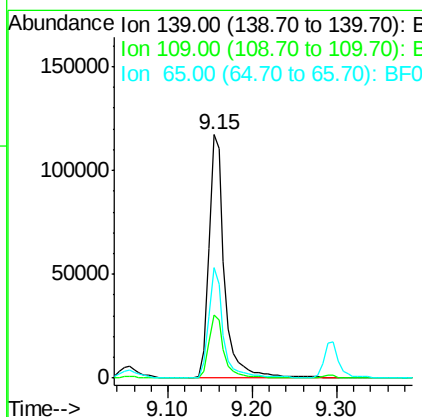
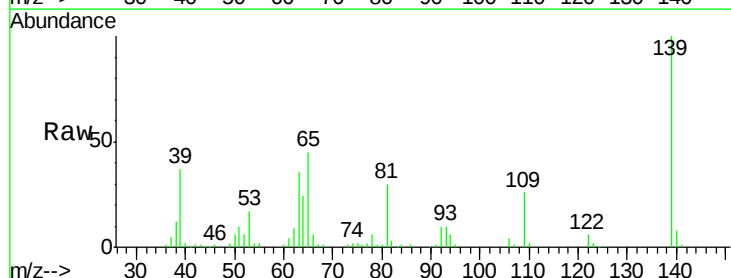
RT: 9.15 min Scan# 1227

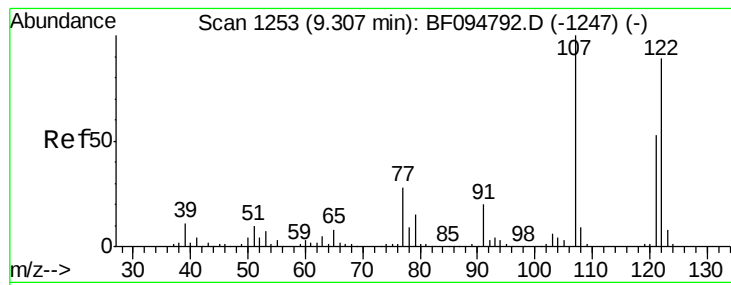
Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 152672 |       |       |
| 109     | 25.8  | 21.0   | 31.6  |       |
| 65      | 45.2  | 33.0   | 49.6  |       |





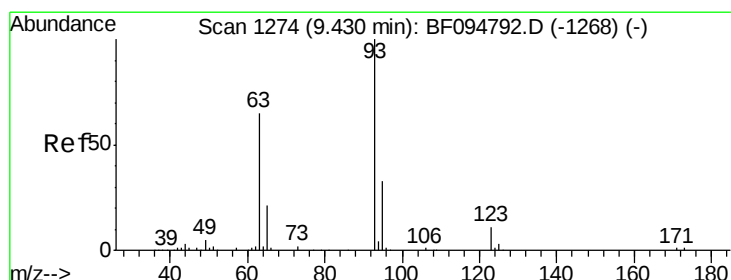
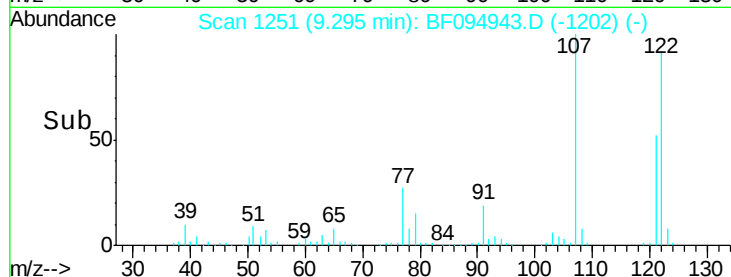
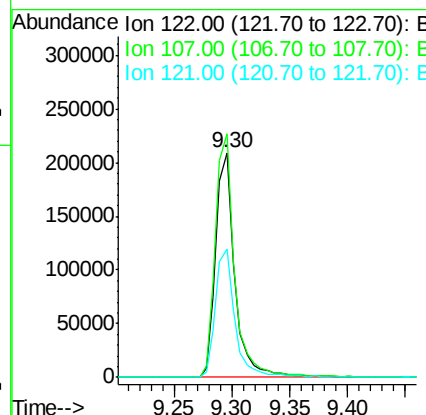
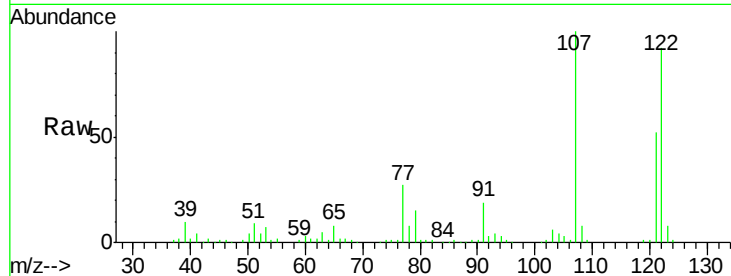
#27  
 2,4-Dimethylphenol  
 Concen: 43.32 ng  
 RT: 9.30 min Scan# 1251  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 108.2 | 89.2  | 133.8 |
| 121     | 56.8  | 45.2  | 67.8  |

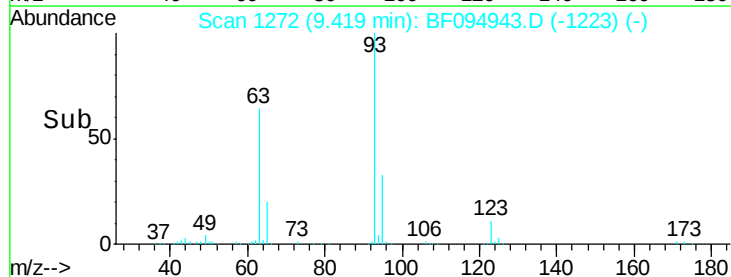
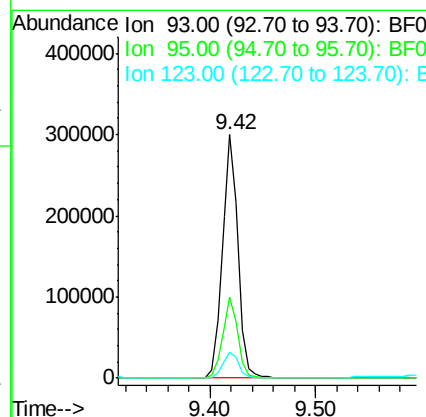
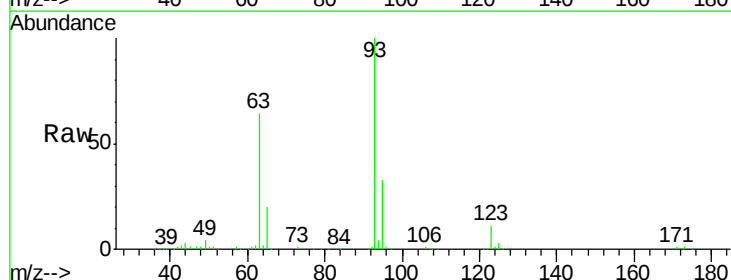
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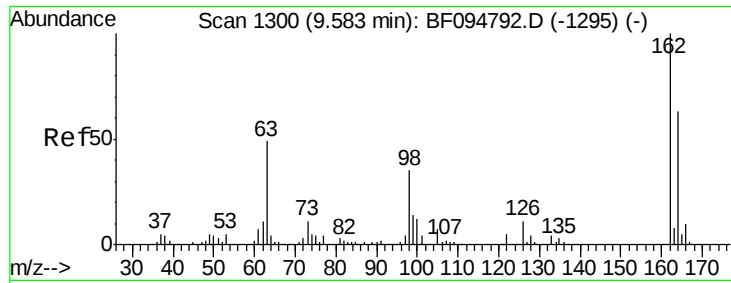
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.32 ng  
 RT: 9.42 min Scan# 1272  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 26.5  | 39.7  |
| 123     | 10.9  | 9.0   | 13.4  |





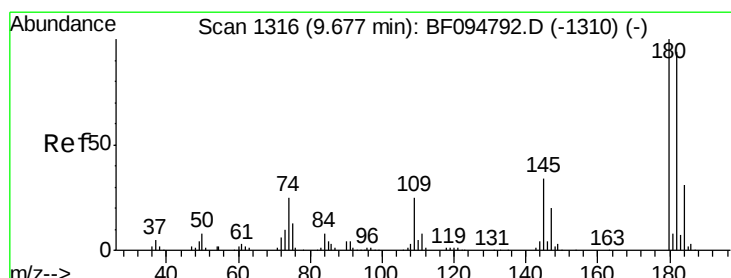
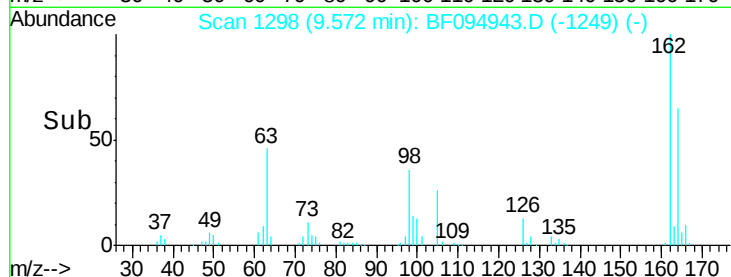
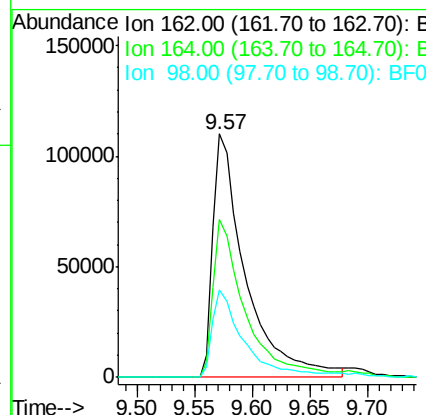
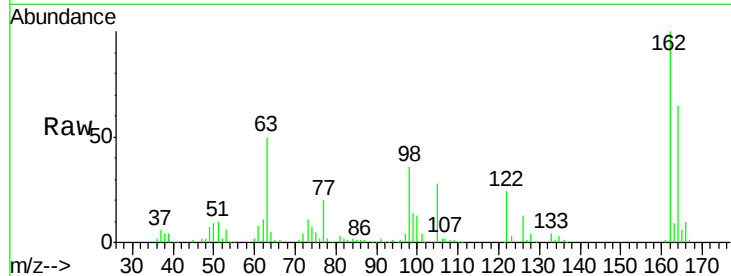
#29  
 2,4-Dichlorophenol  
 Concen: 41.00 ng  
 RT: 9.57 min Scan# 1298  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 65.0  | 44.6       | 84.6       |
| 98      | 36.0  | 14.8       | 54.8       |

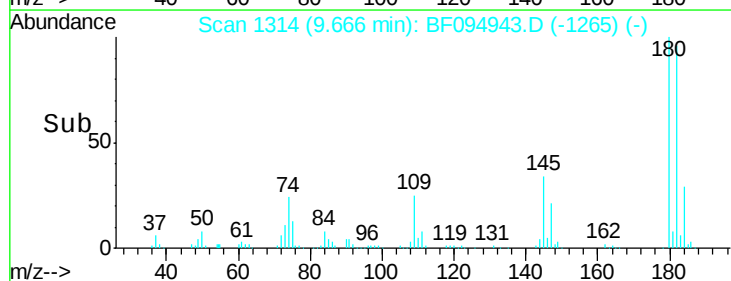
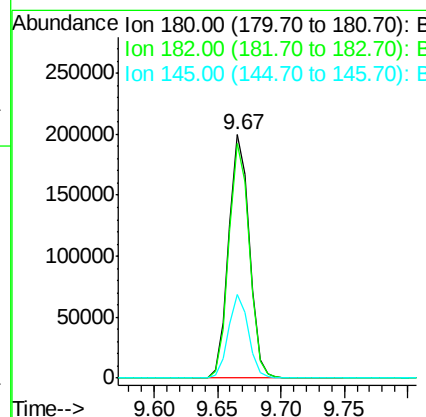
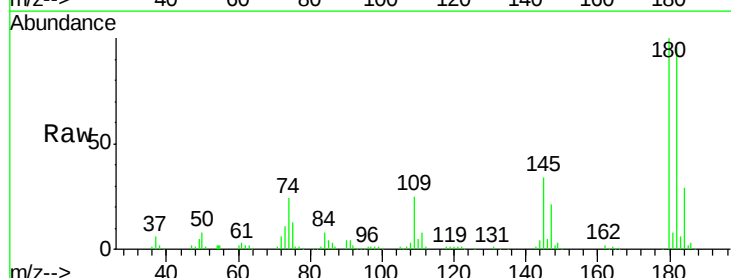
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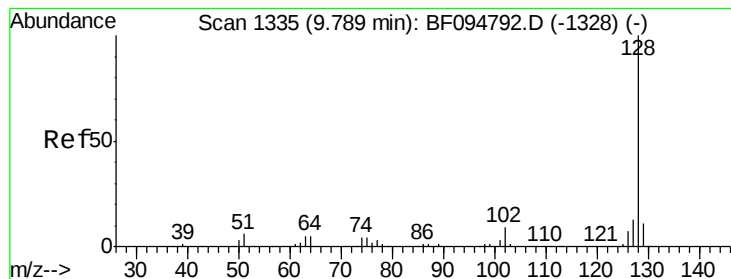
mohammad  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.88 ng  
 RT: 9.67 min Scan# 1314  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 96.3  | 75.8       | 113.6      |
| 145     | 34.2  | 25.3       | 37.9       |





#31

Naphthalene

Concen: 39.92 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA\_F

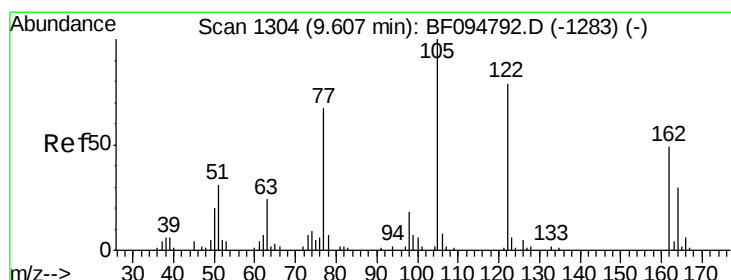
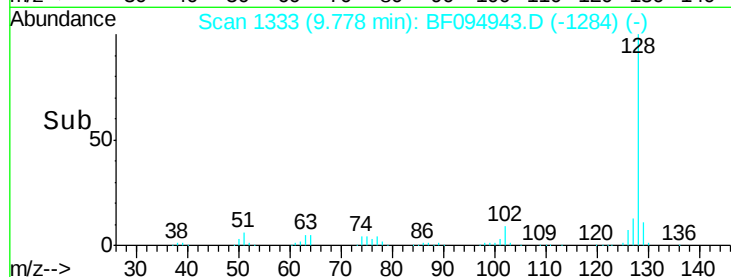
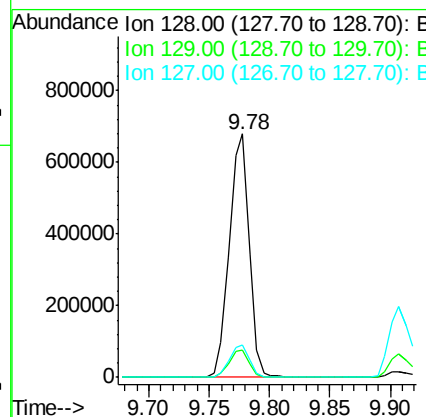
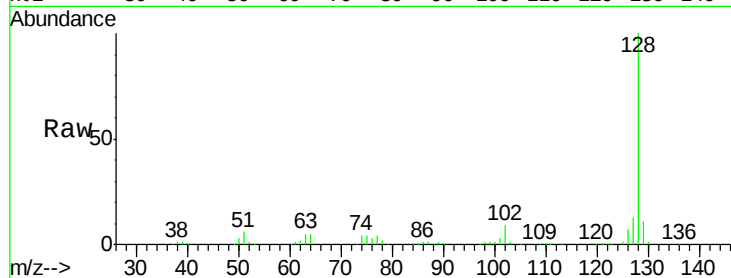
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 128  | Resp: | 775181 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 129       | 11.1 | 9.0   | 13.6   |
| 127       | 13.3 | 10.8  | 16.2   |

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#32

Benzoic acid

Concen: 38.23 ng

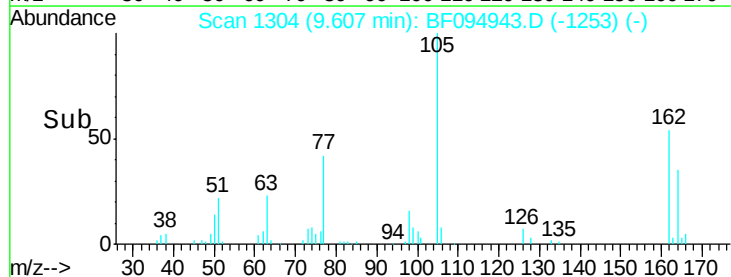
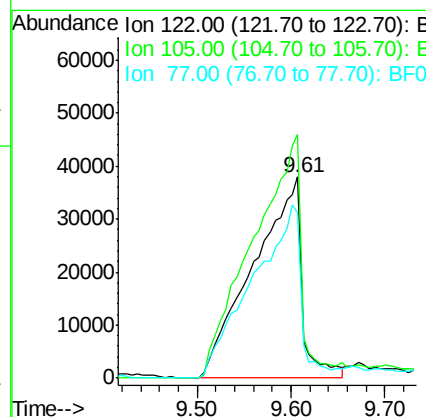
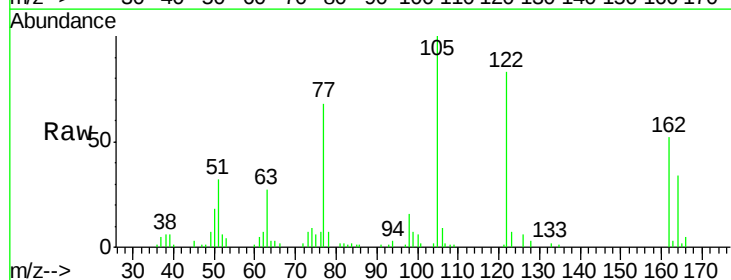
RT: 9.61 min Scan# 1304

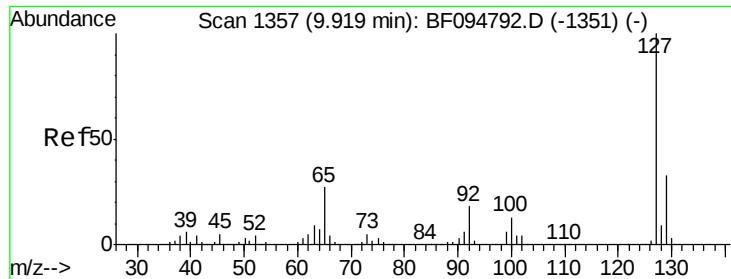
Delta R.T. 0.00 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 136382 |
| Ion Ratio |       | Lower | Upper  |
| 122       | 100   |       |        |
| 105       | 121.1 | 103.3 | 143.3  |
| 77        | 82.3  | 73.7  | 113.7  |





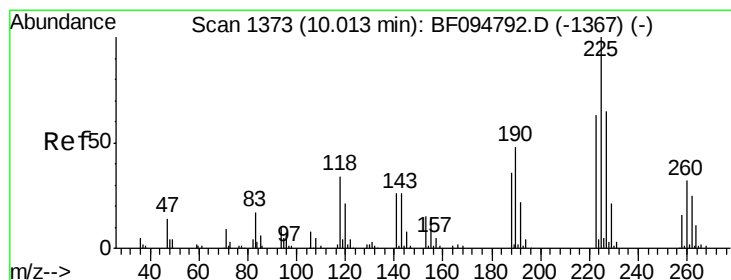
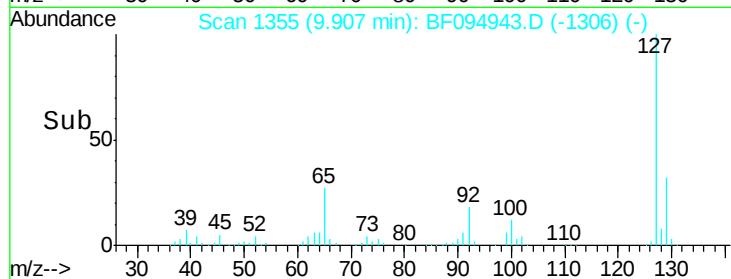
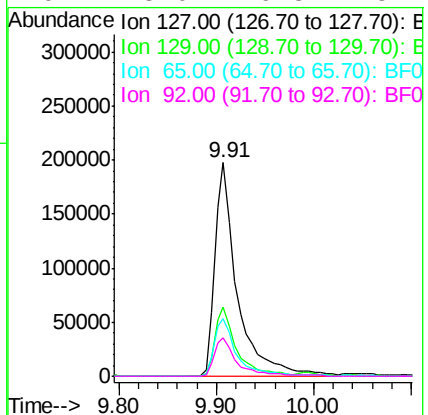
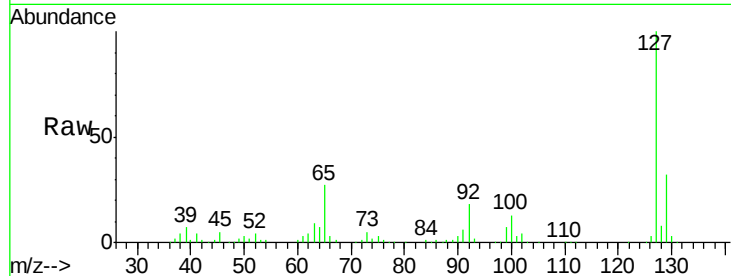
#33  
 4-Chloroaniline  
 Concen: 43.38 ng  
 RT: 9.91 min Scan# 1355  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.3  | 26.2 | 39.2  |       |
| 65      | 26.7  | 27.8 | 41.8  |       |
| 92      | 18.0  | 16.8 | 25.2  |       |

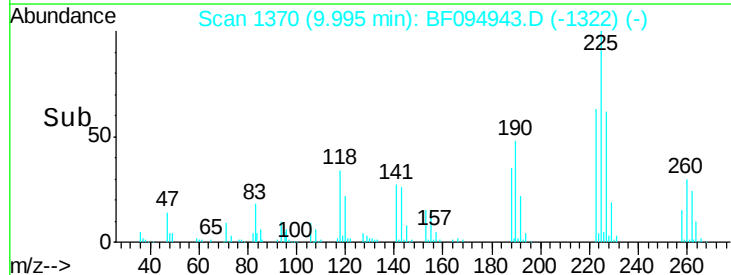
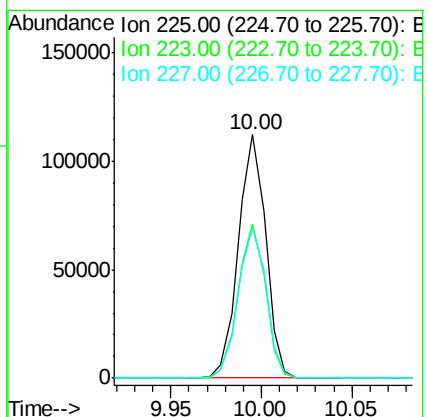
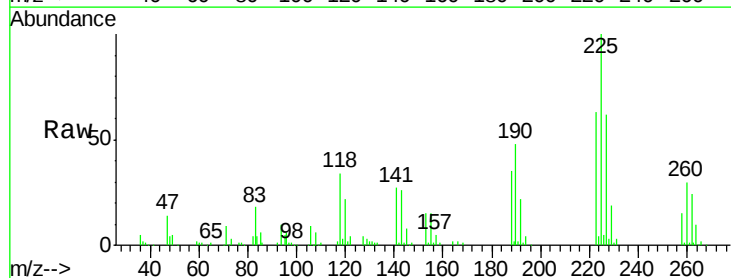
Manual Integrations  
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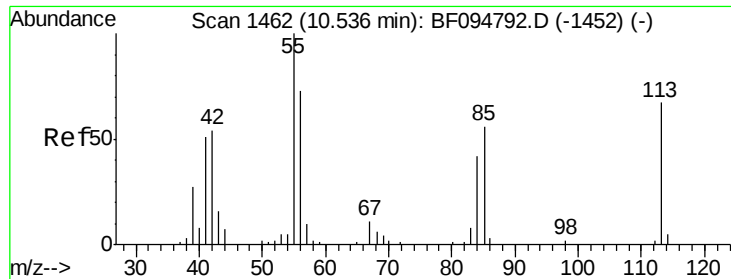
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#34  
 Hexachlorobutadiene  
 Concen: 39.44 ng  
 RT: 10.00 min Scan# 1370  
 Delta R.T. -0.02 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.5  | 48.8 | 73.2  |       |
| 227     | 61.8  | 51.1 | 76.7  |       |





#35

Caprolactam

Concen: 43.31 ng m

RT: 10.53 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA\_F

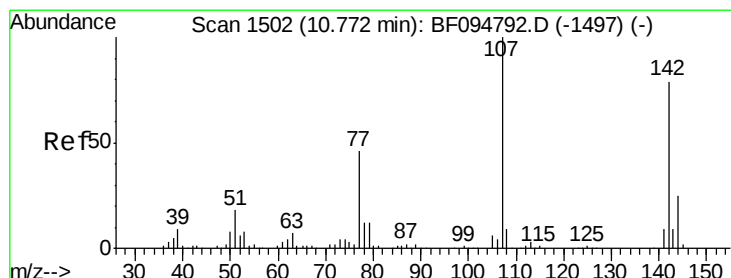
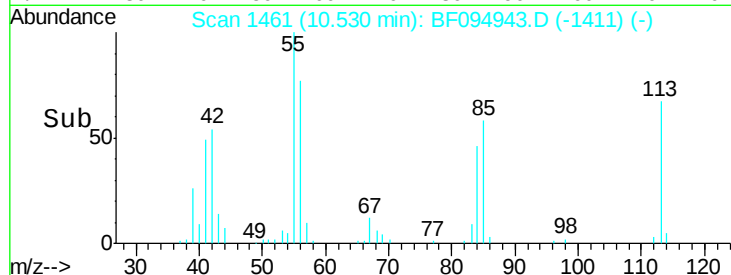
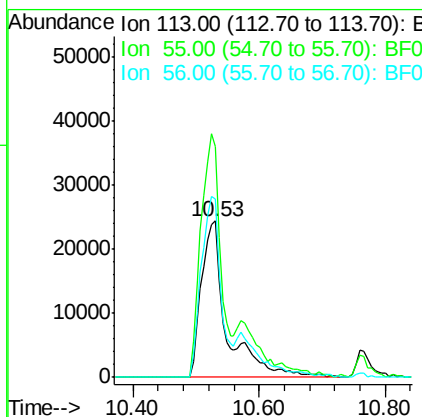
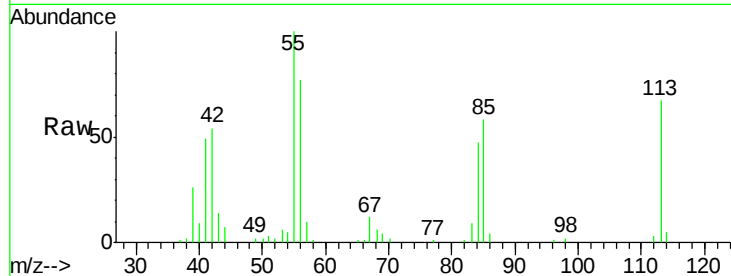
ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 68802  
 Ion Ratio Lower Upper  
 113 100  
 55 148.2 150.2 190.2#  
 56 114.4 107.8 147.8

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#36

4-Chloro-3-methylphenol

Concen: 42.36 ng

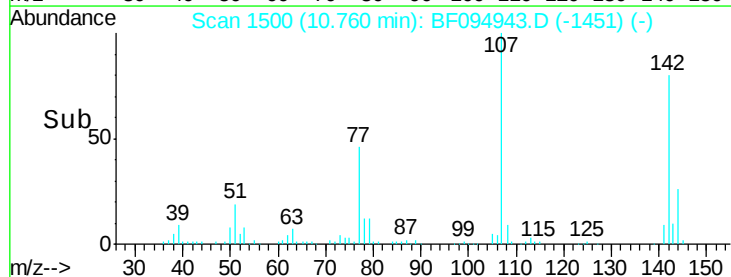
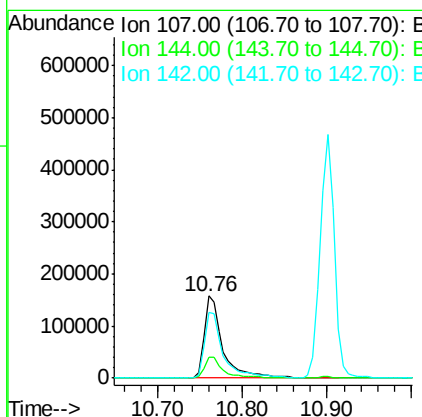
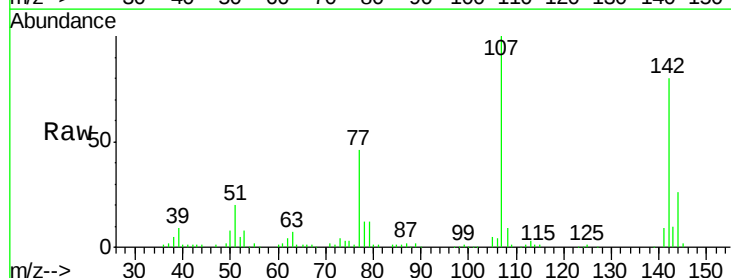
RT: 10.76 min Scan# 1500

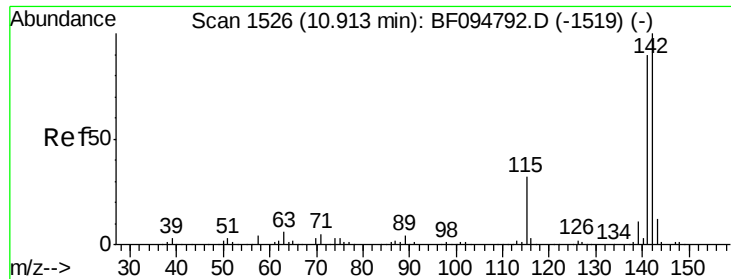
Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Tgt Ion:107 Resp: 239601  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 24.2 36.4  
 142 79.6 73.4 110.0





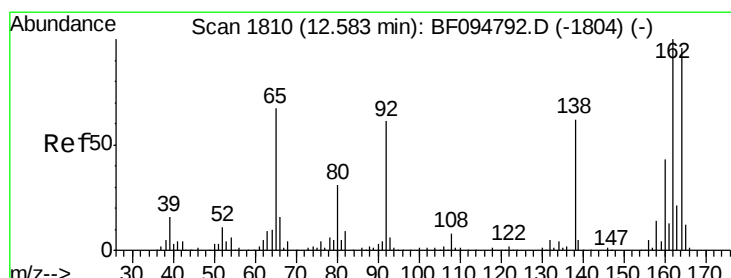
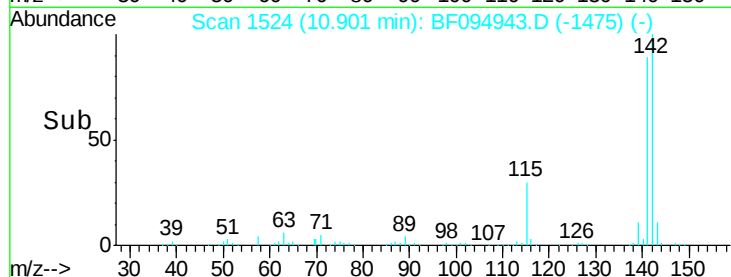
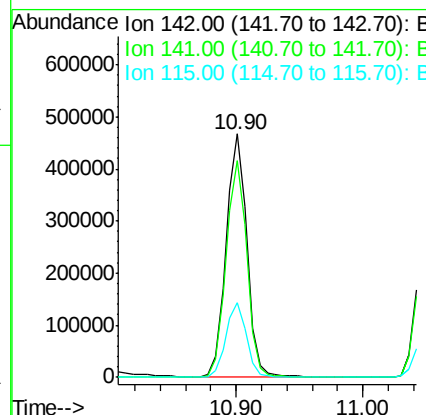
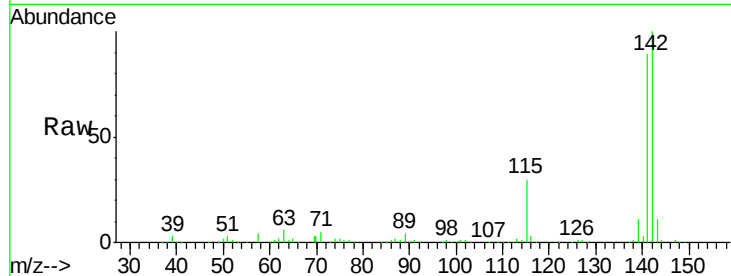
#37  
2-Methylnaphthalene  
Concen: 41.56 ng  
RT: 10.90 min Scan# 1524  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.2  | 71.3  | 106.9 |
| 115     | 30.4  | 27.1  | 40.7  |

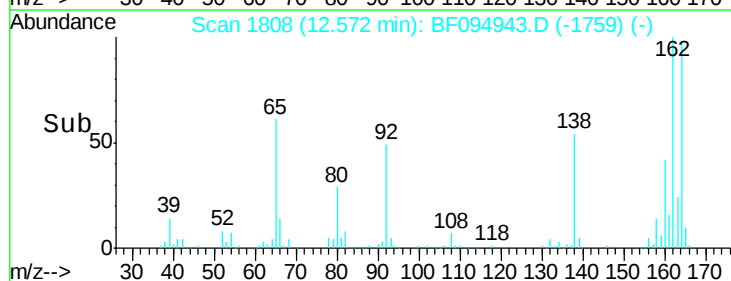
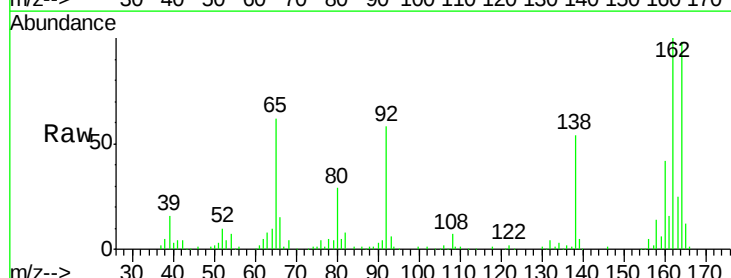
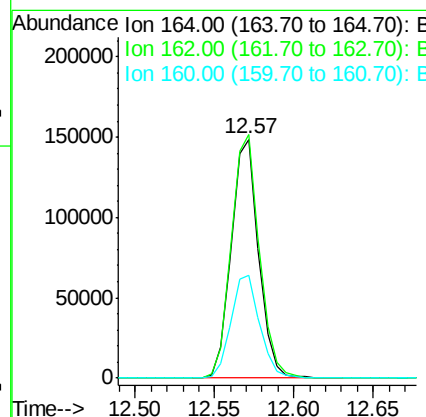
Manual Integrations  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.57 min Scan# 1808  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.1 | 82.6  | 123.8 |
| 160     | 42.9  | 36.2  | 54.2  |





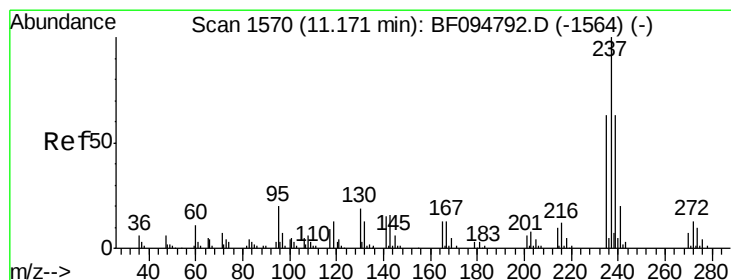
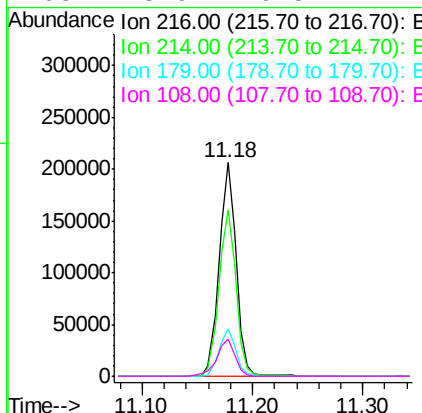
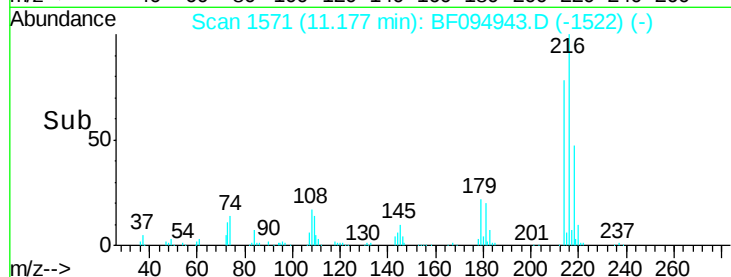
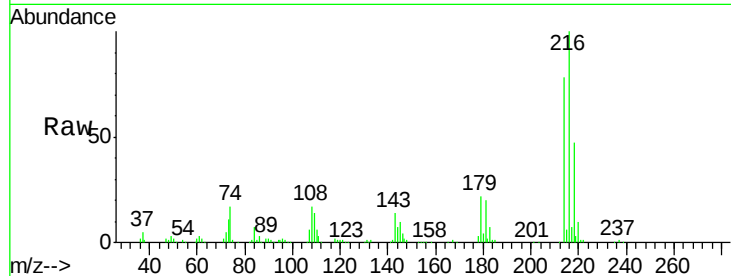
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.64 ng  
 RT: 11.18 min Scan# 1571  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 221018 |       |       |
| 214     | 78.8  | 63.4   | 95.2  |       |
| 179     | 21.9  | 17.9   | 26.9  |       |
| 108     | 18.9  | 16.5   | 24.7  |       |

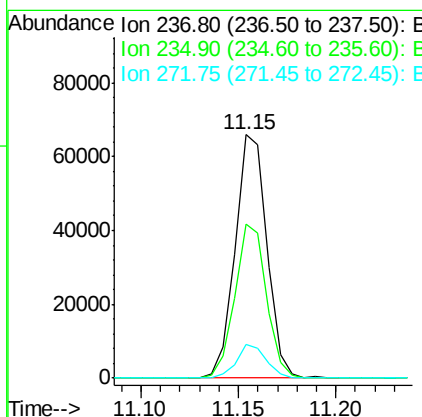
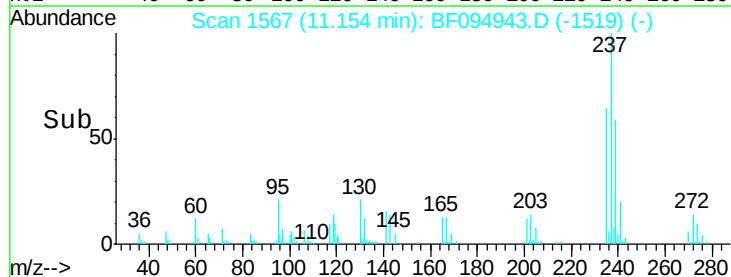
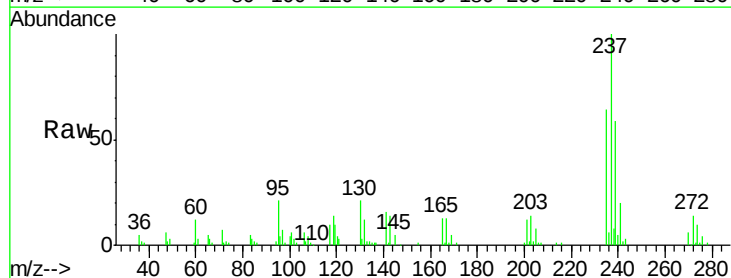
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#40  
 Hexachlorocyclopentadiene  
 Concen: 35.96 ng  
 RT: 11.15 min Scan# 1567  
 Delta R.T. -0.02 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 73977 |       |       |
| 235     | 63.5  | 42.6  | 82.6  |       |
| 272     | 13.6  | 0.0   | 31.9  |       |





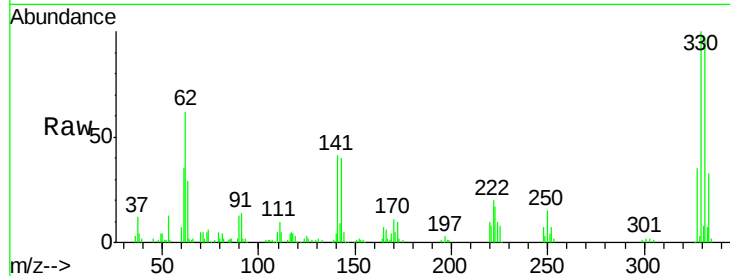
#41  
 2,4,6-Tribromophenol  
 Concen: 82.57 ng  
 RT: 13.87 min Scan# 2028  
 Delta R.T. -0.02 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

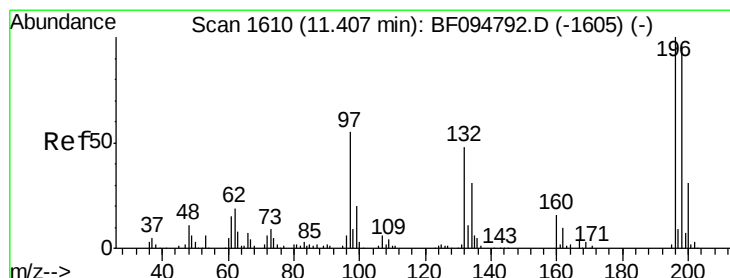
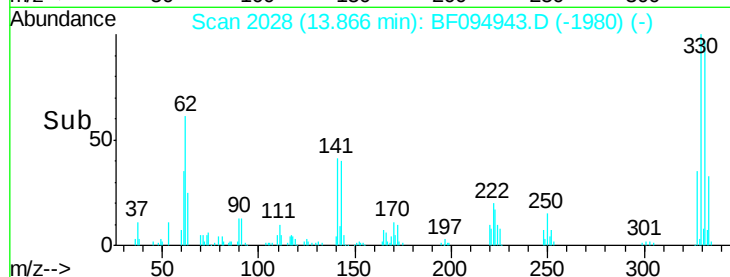
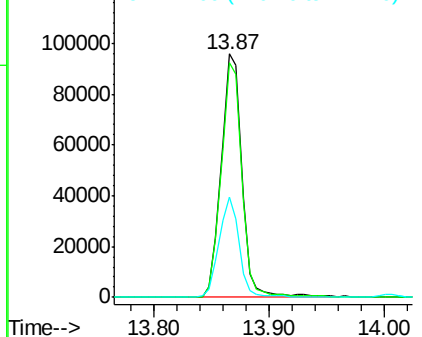
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 119586 |       |       |
| 332     | 97.0  | 76.6   | 115.0 |       |
| 141     | 39.9  | 31.4   | 47.2  |       |

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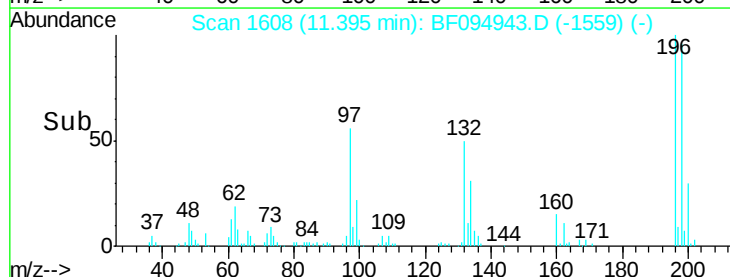
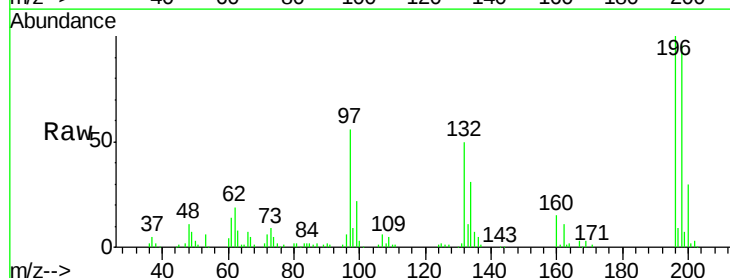
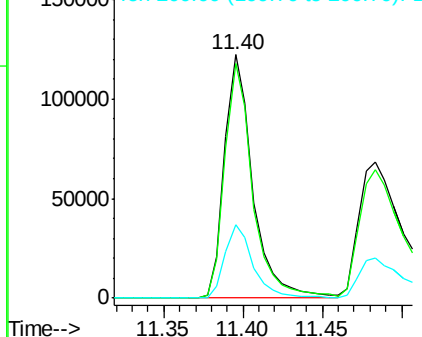
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 41.88 ng  
 RT: 11.40 min Scan# 1608  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 152057 |       |       |
| 198     | 96.2  | 74.2   | 111.4 |       |
| 200     | 30.2  | 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





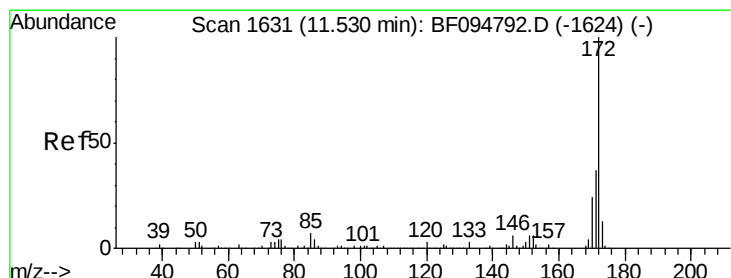
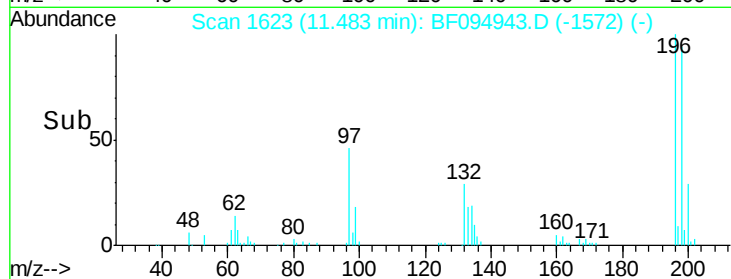
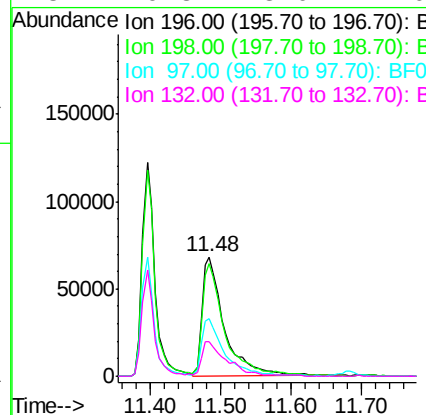
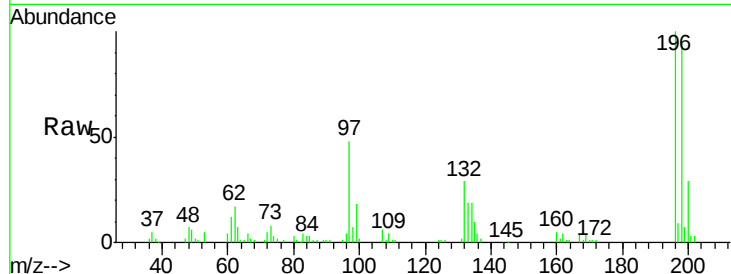
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.65 ng  
 RT: 11.48 min Scan# 1623  
 Delta R.T. 0.00 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 150842 |       |       |
| 198     | 94.1  | 75.7   | 113.5 |       |
| 97      | 47.8  | 47.7   | 71.5  |       |
| 132     | 29.3  | 28.0   | 42.0  |       |

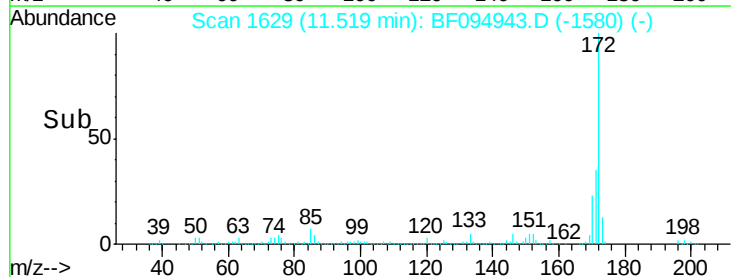
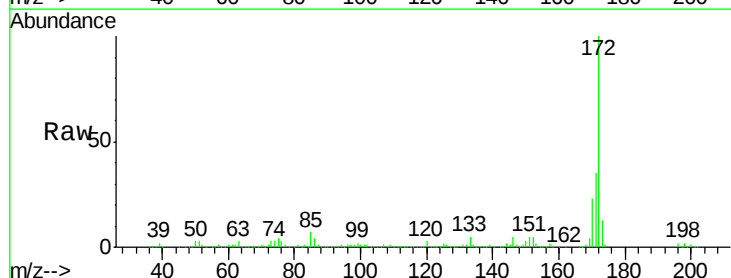
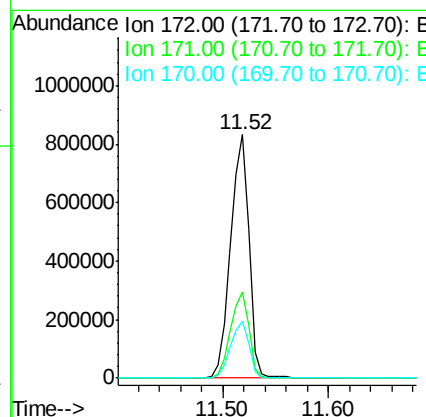
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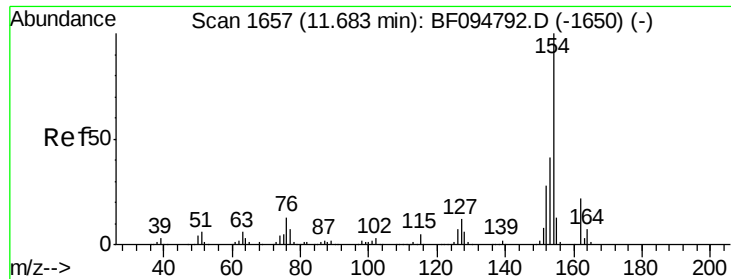
mohammad  
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#44  
 2-Fluorobiphenyl  
 Concen: 81.65 ng  
 RT: 11.52 min Scan# 1629  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1003190 |       |       |
| 171     | 35.5  | 29.6    | 44.4  |       |
| 170     | 23.4  | 19.8    | 29.8  |       |





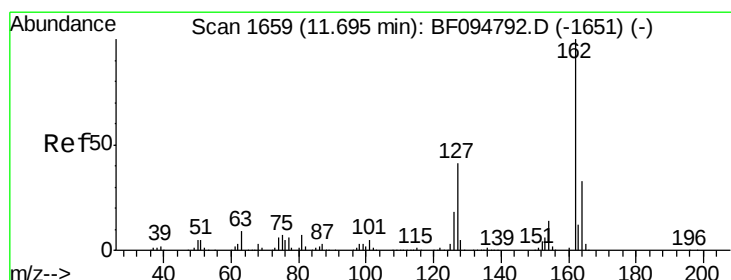
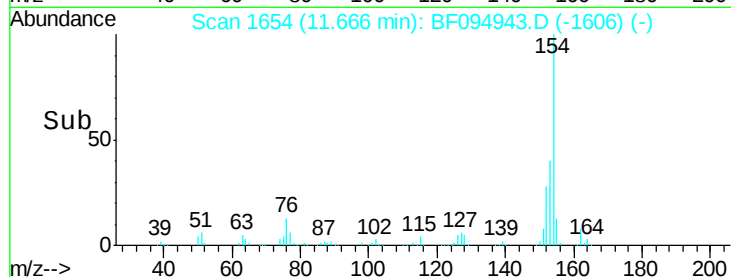
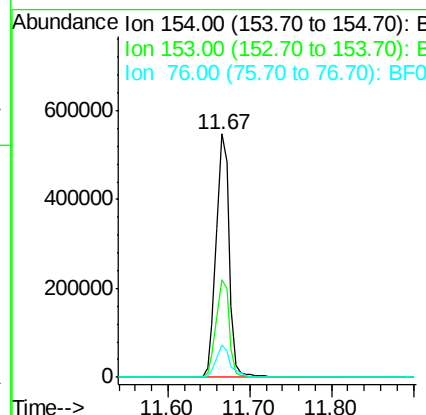
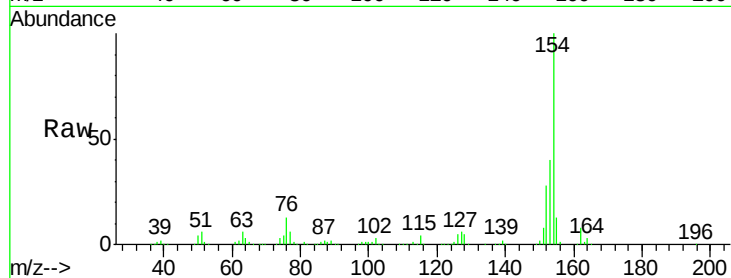
#45  
1,1'-Biphenyl  
Concen: 41.23 ng  
RT: 11.67 min Scan# 1654  
Delta R.T. -0.02 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.3  | 21.2  | 61.2  |
| 76      | 13.1  | 0.0   | 29.9  |

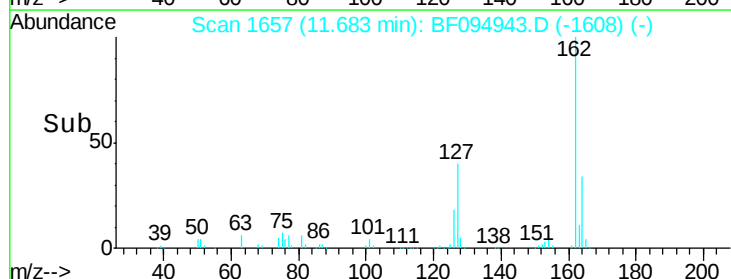
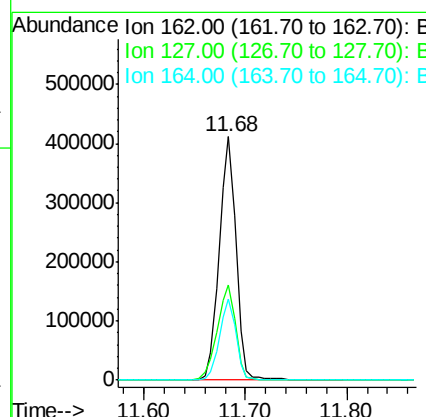
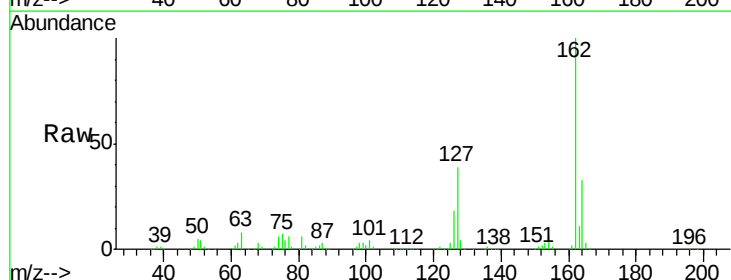
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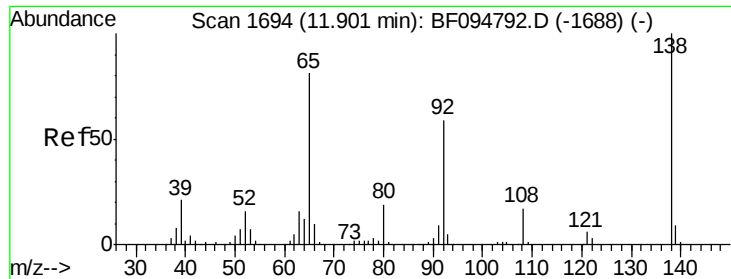
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#46  
2-Chloronaphthalene  
Concen: 39.57 ng  
RT: 11.68 min Scan# 1657  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.3  | 28.3  | 42.5  |
| 164     | 33.2  | 27.0  | 40.4  |





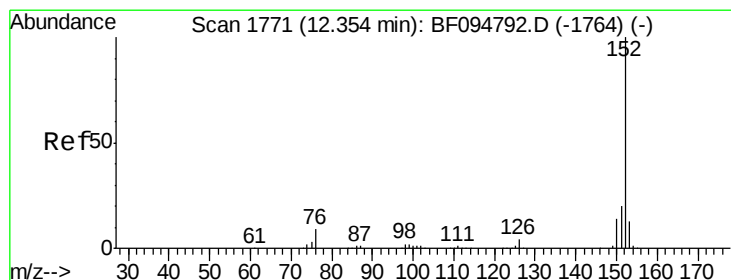
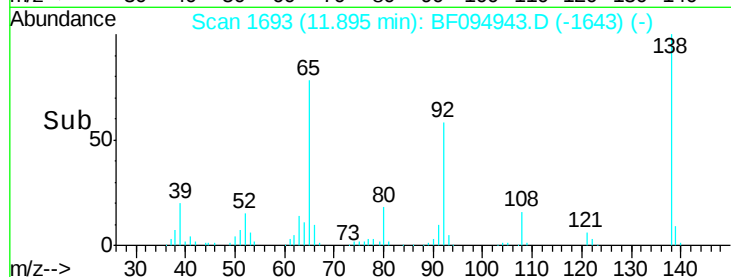
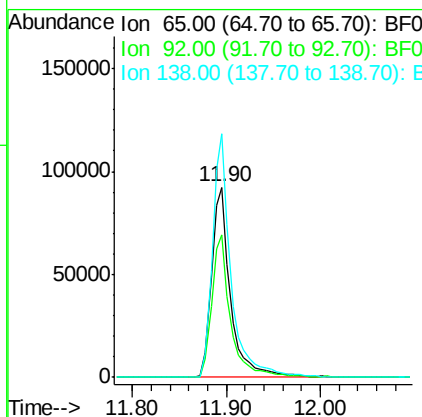
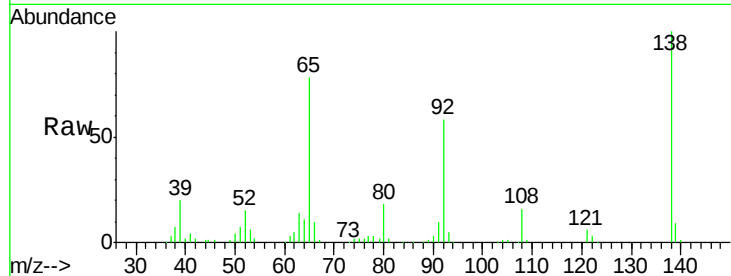
#47  
2-Nitroaniline  
Concen: 40.14 ng  
RT: 11.90 min Scan# 1693  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.6  | 53.9  | 80.9  |
| 138     | 128.0 | 78.8  | 118.2 |

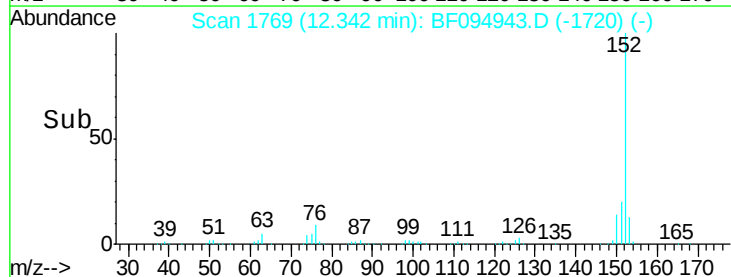
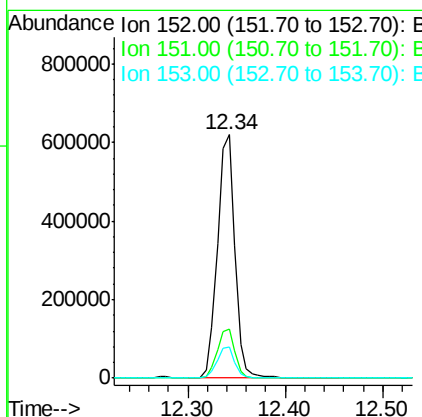
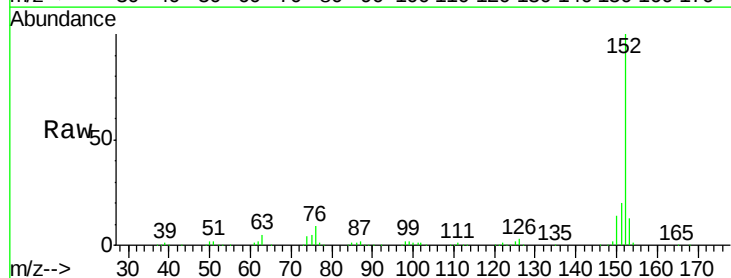
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#48  
Acenaphthylene  
Concen: 40.97 ng  
RT: 12.34 min Scan# 1769  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 16.8  | 25.2  |
| 153     | 12.6  | 10.8  | 16.2  |





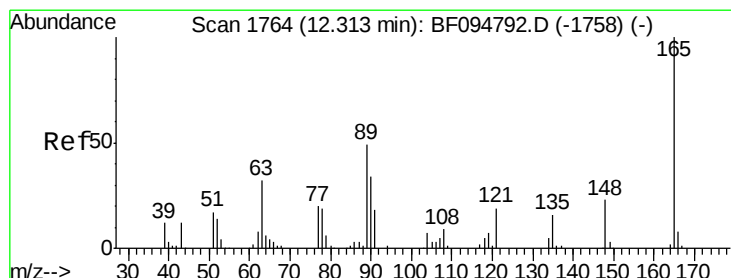
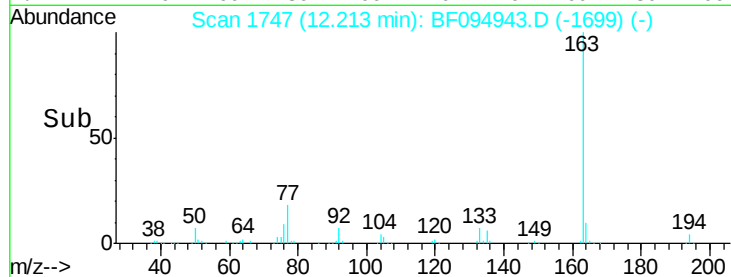
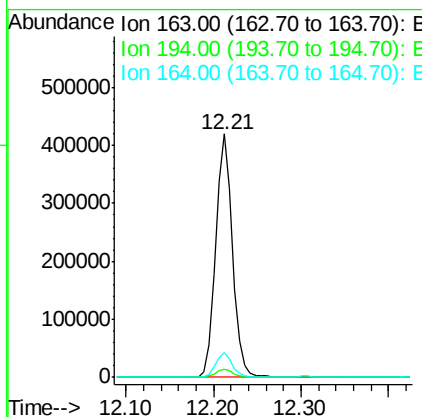
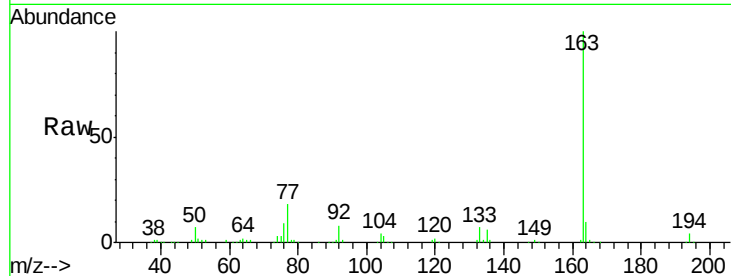
#49  
Dimethylphthalate  
Concen: 38.66 ng  
RT: 12.21 min Scan# 1747  
Delta R.T. -0.02 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 561264 |       |       |
| 194     | 3.5   | 2.6    | 4.0   |       |
| 164     | 10.4  | 8.4    | 12.6  |       |

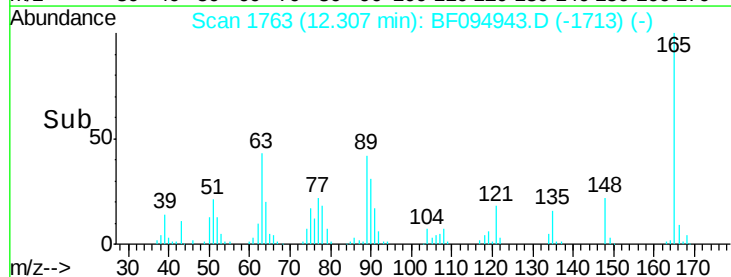
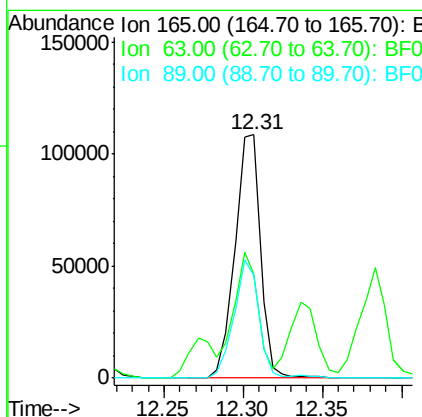
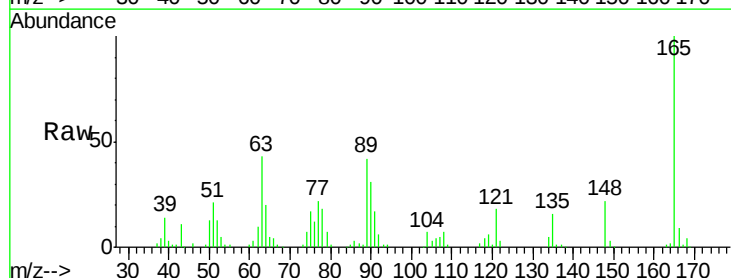
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#50  
2,6-Dinitrotoluene  
Concen: 41.02 ng  
RT: 12.31 min Scan# 1763  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 121504 |       |       |
| 63      | 42.6  | 34.3   | 51.5  |       |
| 89      | 42.3  | 37.1   | 55.7  |       |





#51

Acenaphthene

Concen: 38.86 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA\_F

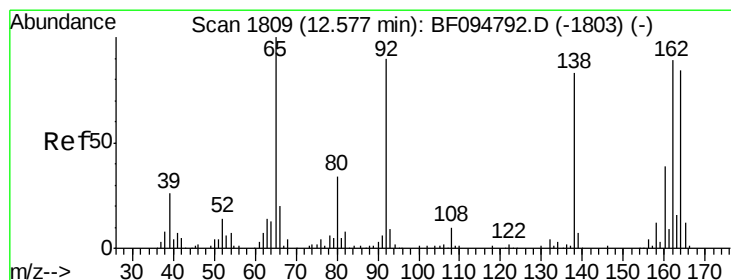
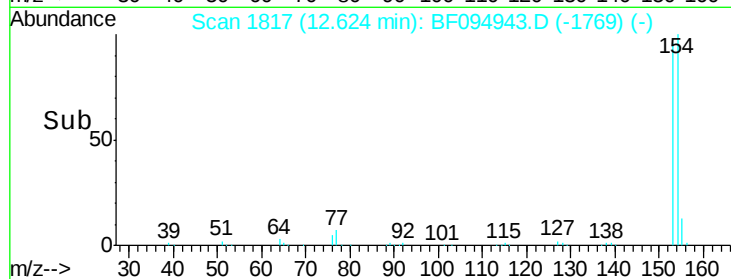
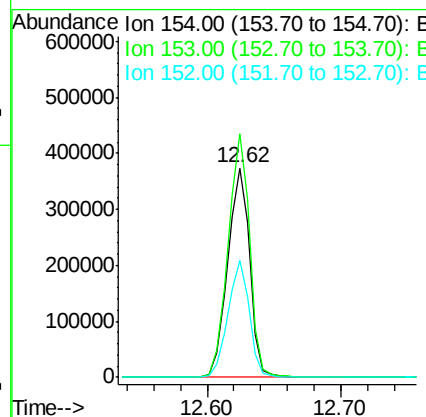
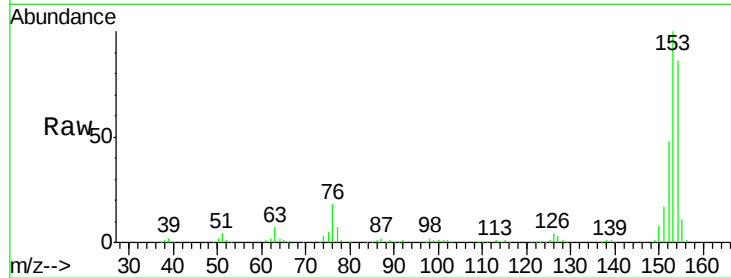
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 437057 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 116.2 | 90.5  | 135.7  |
| 152       | 55.5  | 43.6  | 65.4   |

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#52

3-Nitroaniline

Concen: 38.91 ng

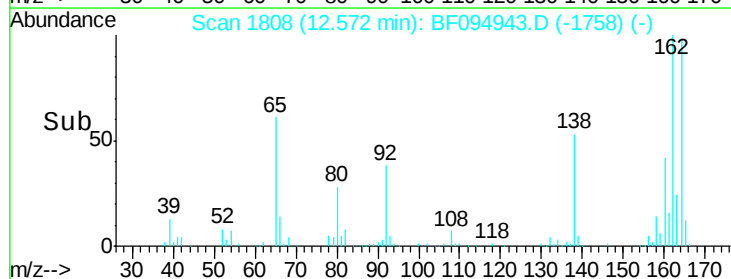
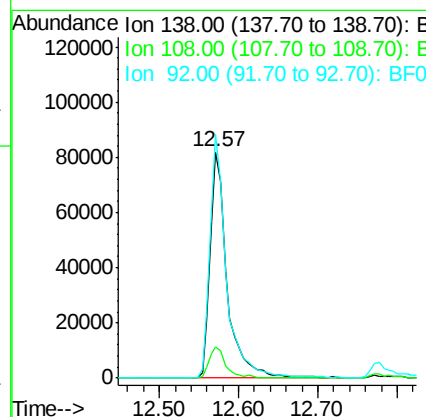
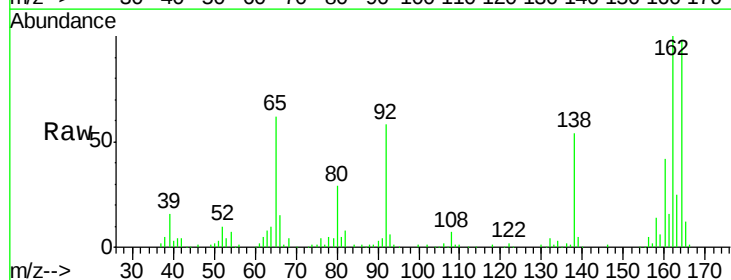
RT: 12.57 min Scan# 1808

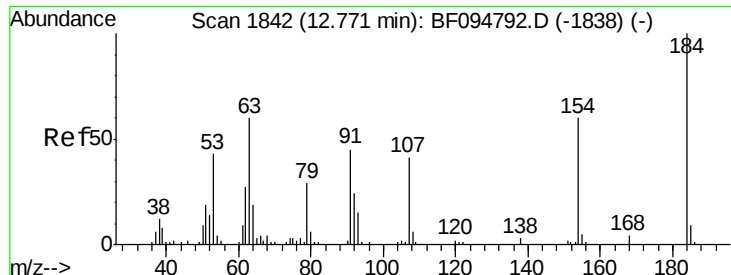
Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 123688 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 13.7  | 9.1   | 13.7   |
| 92        | 107.7 | 93.8  | 140.6  |





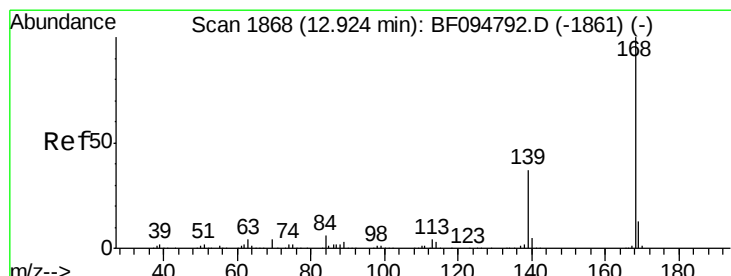
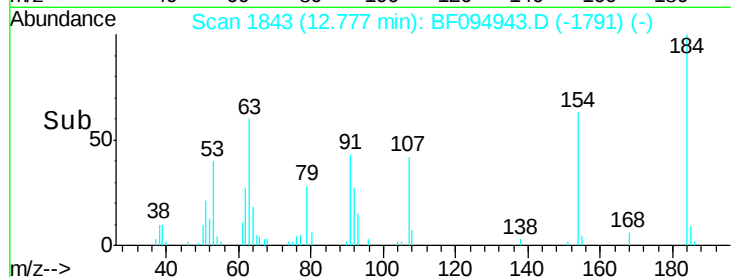
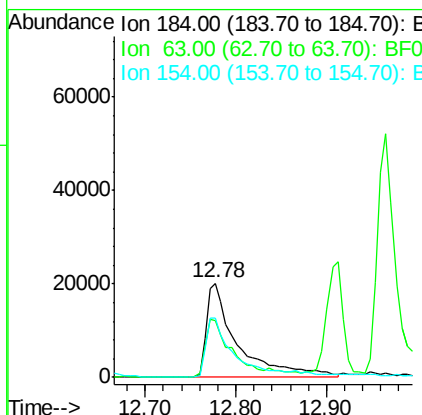
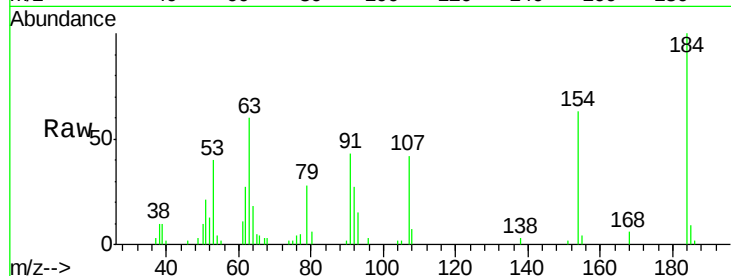
#53  
2,4-Dinitrophenol  
Concen: 33.46 ng  
RT: 12.78 min Scan# 1843  
Delta R.T. 0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:184 Resp: 48156  
Ion Ratio Lower Upper  
184 100  
63 60.3 62.7 94.1#  
154 63.4 81.1 121.7#

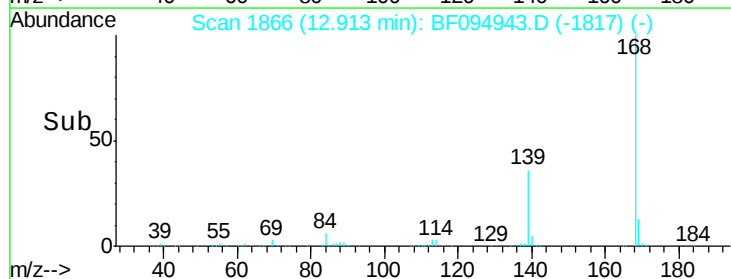
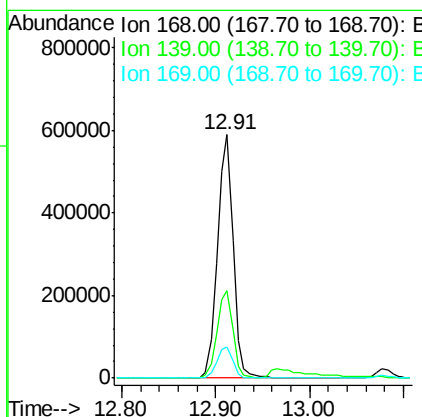
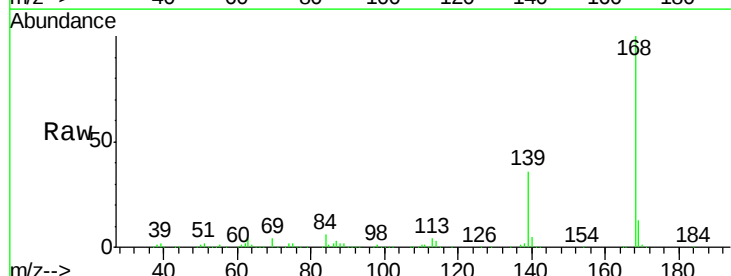
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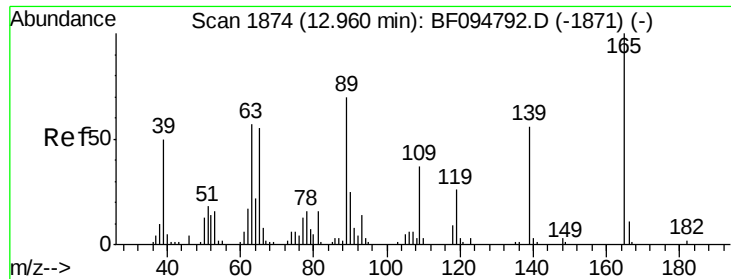
mohammad  
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#54  
Dibenzofuran  
Concen: 44.29 ng  
RT: 12.91 min Scan# 1866  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Tgt Ion:168 Resp: 689347  
Ion Ratio Lower Upper  
168 100  
139 36.1 30.6 45.8  
169 12.8 10.8 16.2





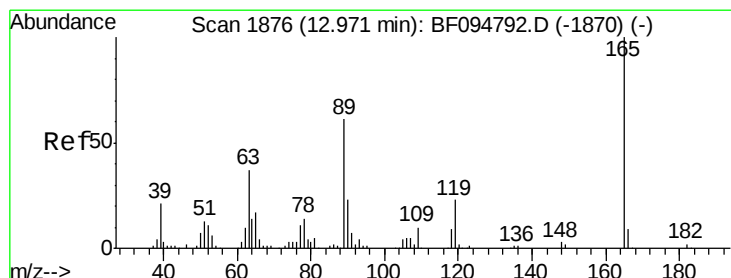
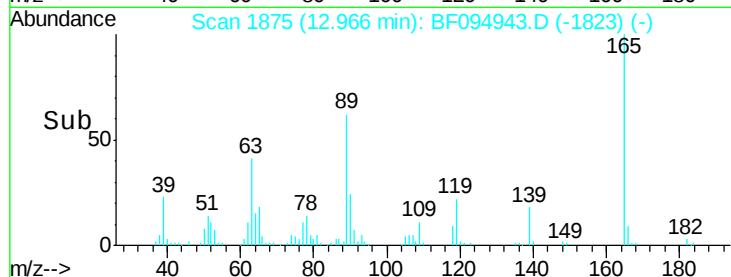
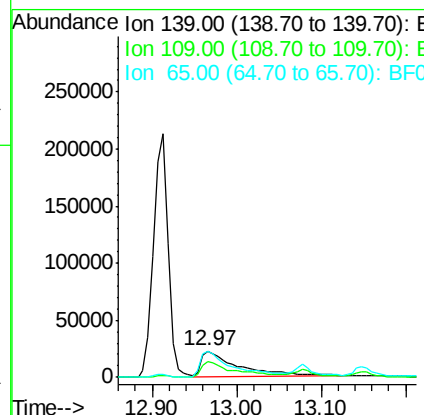
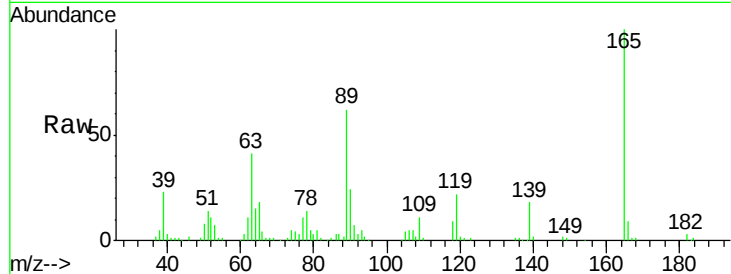
#55  
4-Nitrophenol  
Concen: 35.18 ng  
RT: 12.97 min Scan# 1875  
Delta R.T. 0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 67171 |       |       |
| 109     | 60.0  | 34.1  | 74.1  |       |
| 65      | 100.0 | 31.4  | 71.4  | #     |

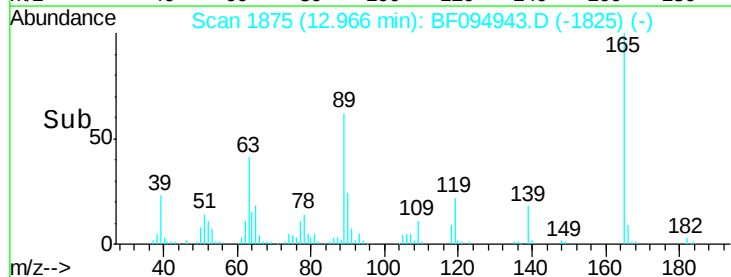
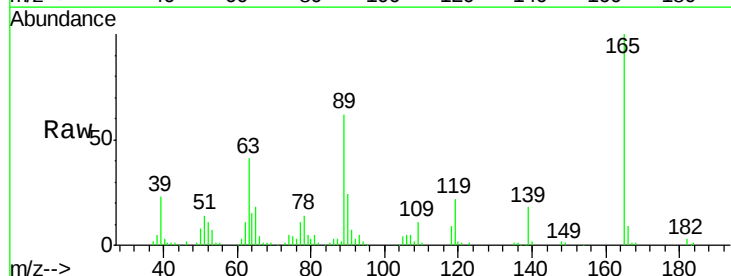
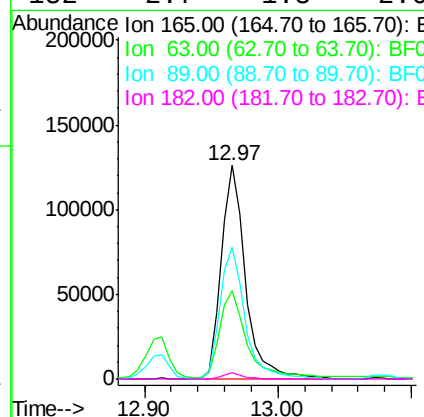
Manual Integrations  
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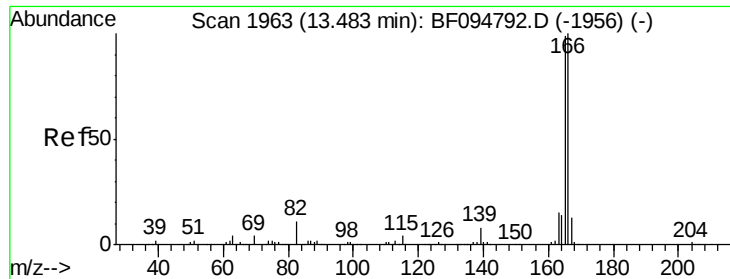
mohammad  
5/8/2017 2:48:40 PM



#56  
2,4-Dinitrotoluene  
Concen: 42.70 ng  
RT: 12.97 min Scan# 1875  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 162506 |       |       |
| 63      | 41.3  | 25.4   | 38.0  | #     |
| 89      | 61.7  | 46.4   | 69.6  |       |
| 182     | 2.7   | 1.8    | 2.6   | #     |





#57

Fluorene

Concen: 39.45 ng

RT: 13.47 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA\_F

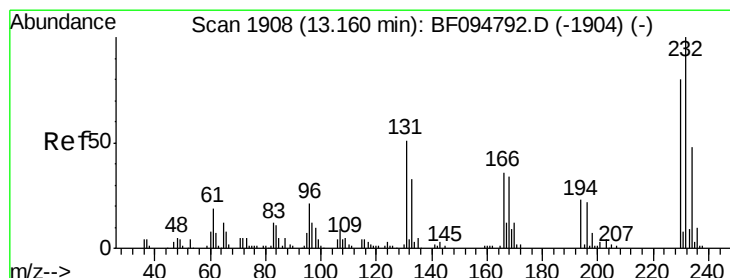
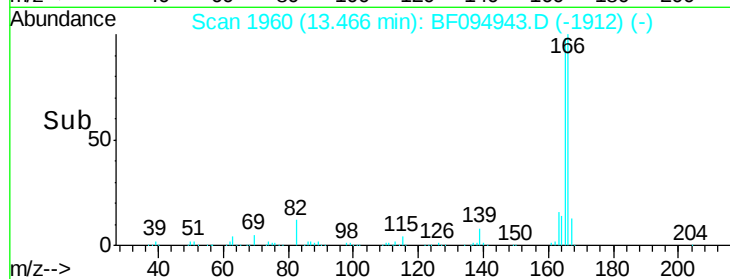
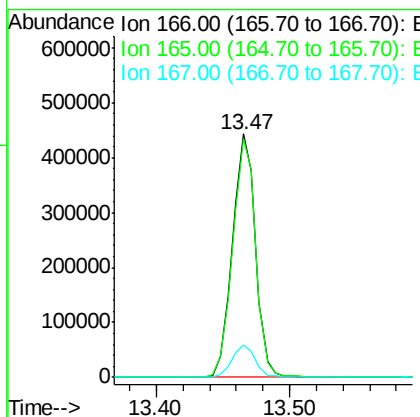
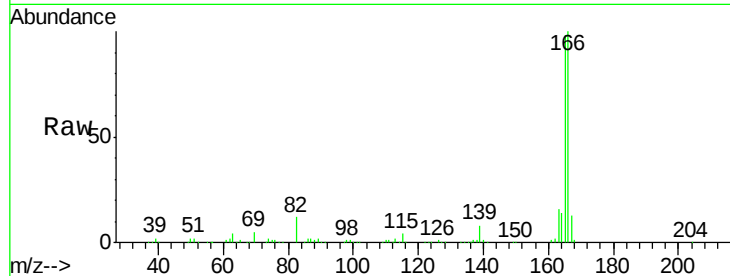
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 533963 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.1  | 78.8  | 118.2  |
| 167       | 13.3  | 10.6  | 16.0   |

Manual Integrations  
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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.94 ng

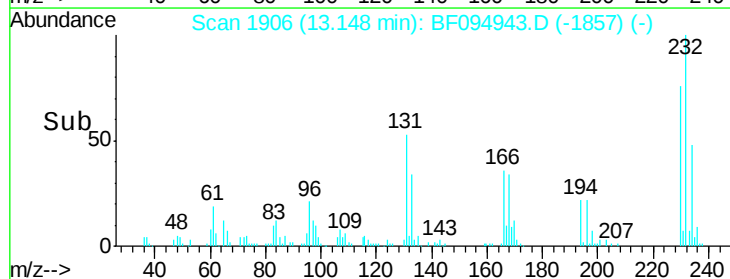
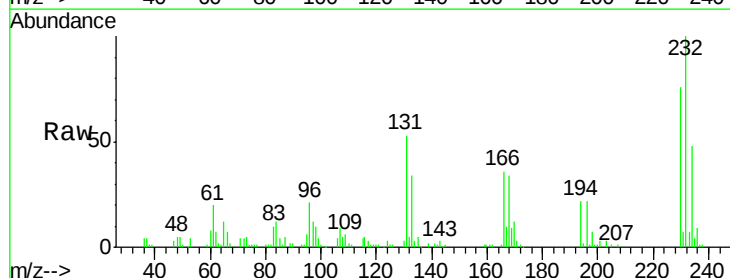
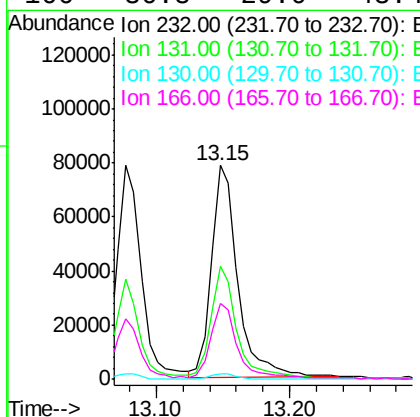
RT: 13.15 min Scan# 1906

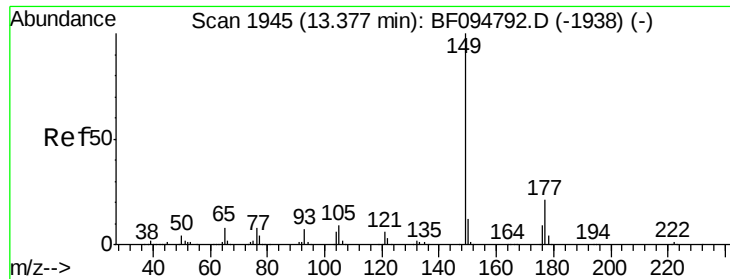
Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 110368 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 53.0  | 44.8  | 67.2   |
| 130       | 2.3   | 2.3   | 3.5#   |
| 166       | 36.8  | 29.0  | 43.4   |





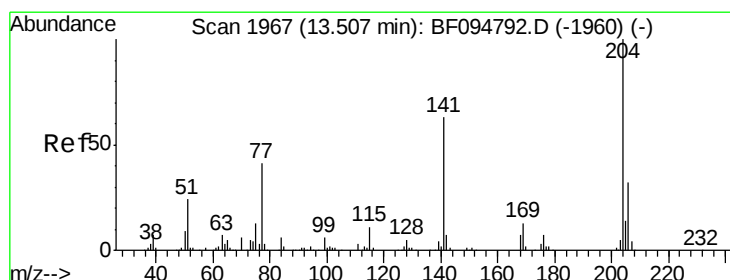
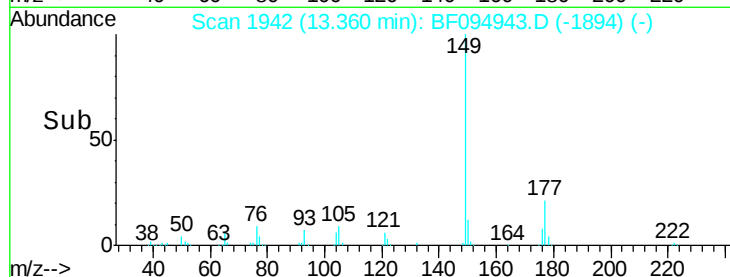
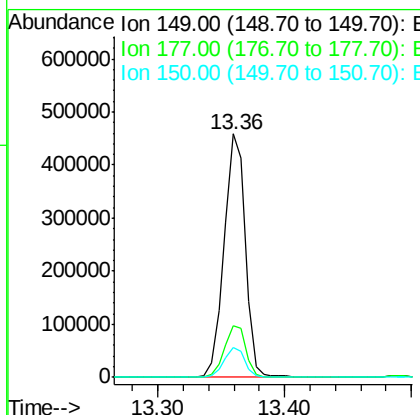
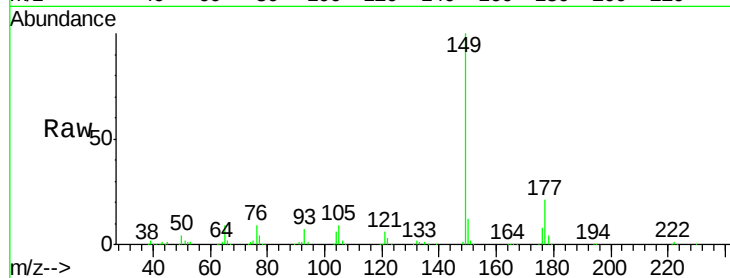
#59  
Diethylphthalate  
Concen: 38.23 ng  
RT: 13.36 min Scan# 1942  
Delta R.T. -0.02 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.3  | 16.7  | 25.1  |
| 150     | 12.4  | 10.2  | 15.2  |

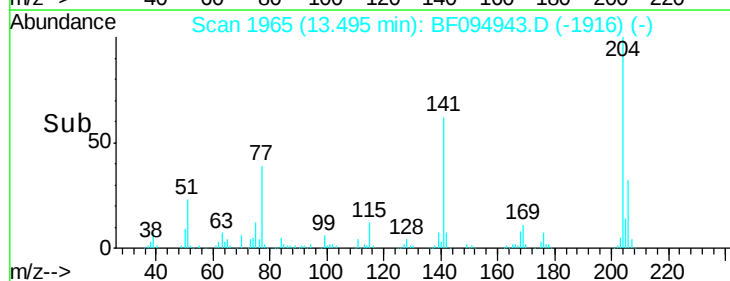
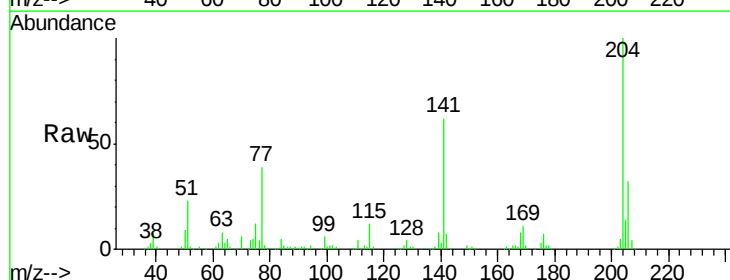
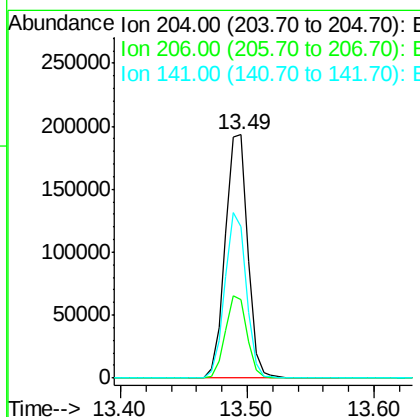
Manual Integrations  
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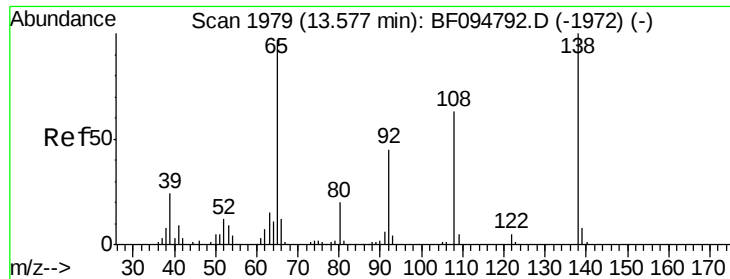
mohammad  
5/8/2017 2:48:40 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 39.68 ng  
RT: 13.49 min Scan# 1965  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.5  | 26.2  | 39.2  |
| 141     | 62.2  | 60.8  | 91.2  |





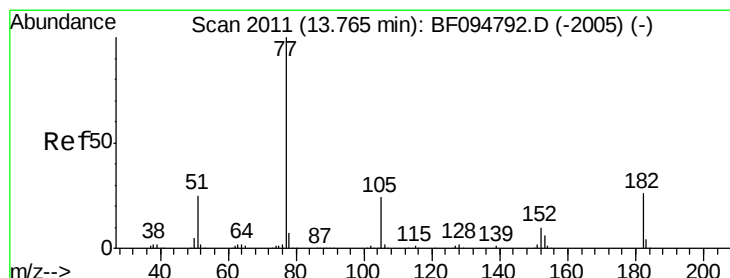
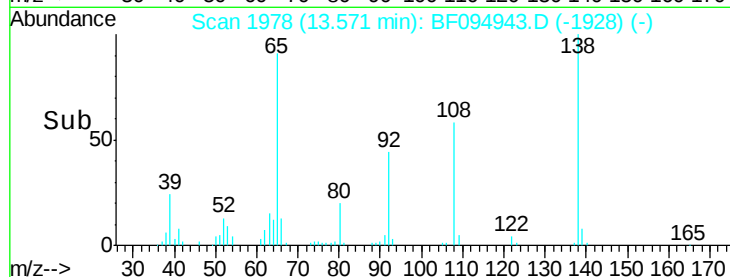
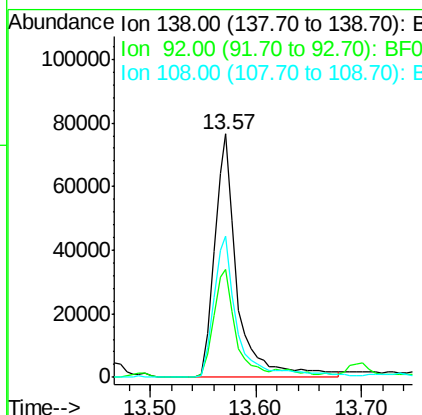
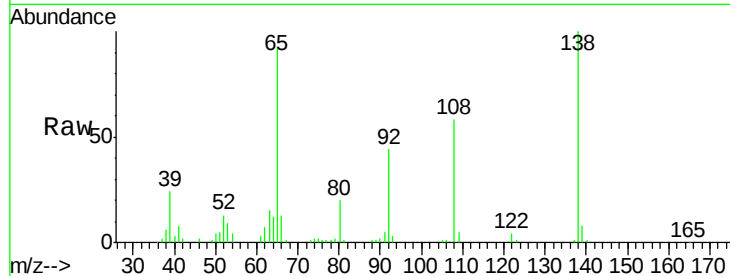
#61  
4-Nitroaniline  
Concen: 39.72 ng  
RT: 13.57 min Scan# 1978  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 115902 |       |       |
| 92      | 44.4  | 21.8   | 61.8  |       |
| 108     | 57.9  | 42.3   | 82.3  |       |

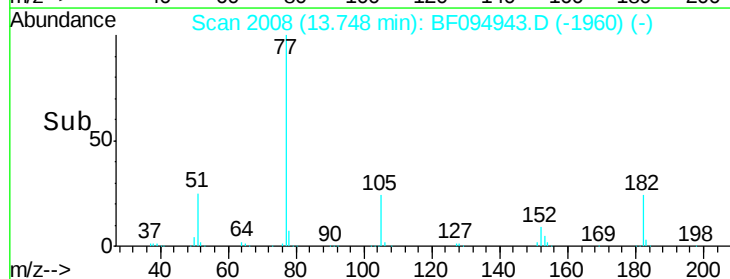
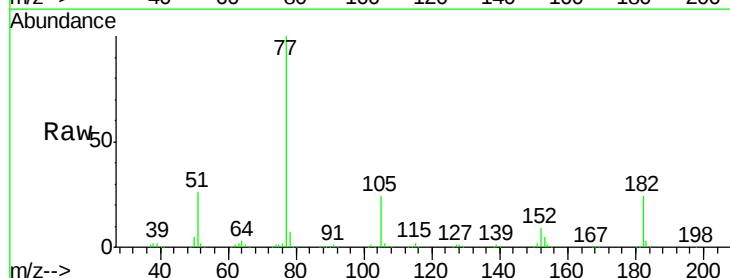
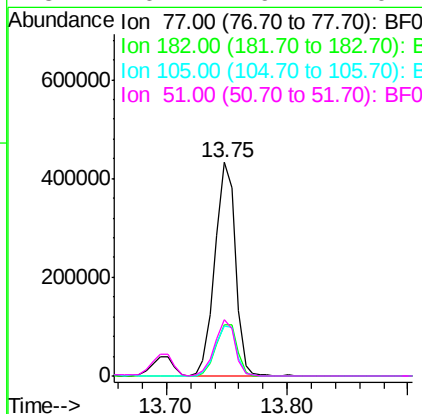
Manual Integrations  
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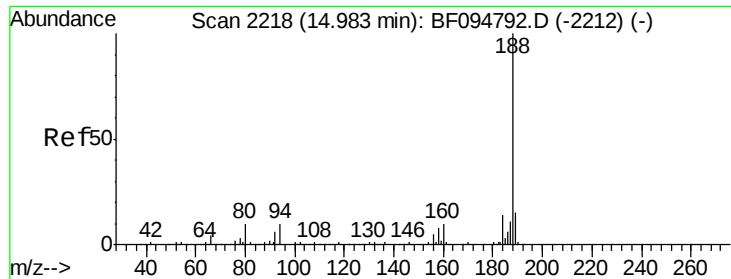
mohammad  
5/8/2017 2:48:40 PM



#62  
Azobenzene  
Concen: 44.87 ng  
RT: 13.75 min Scan# 2008  
Delta R.T. -0.02 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 501730 |       |       |
| 182     | 24.3  | 0.1    | 40.1  |       |
| 105     | 23.6  | 3.6    | 43.6  |       |
| 51      | 26.4  | 9.4    | 49.4  |       |





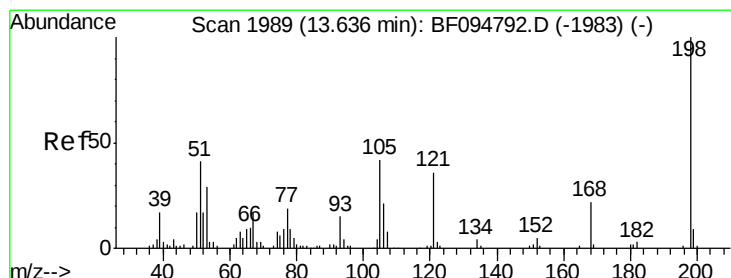
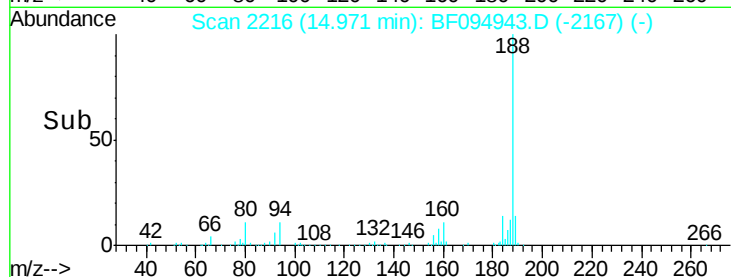
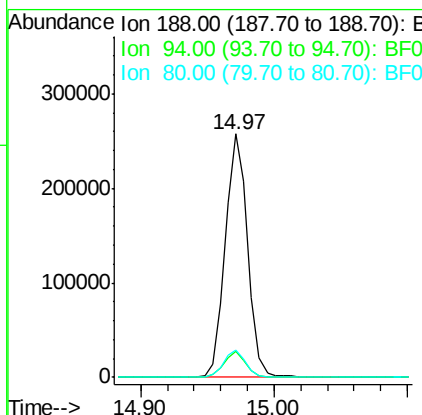
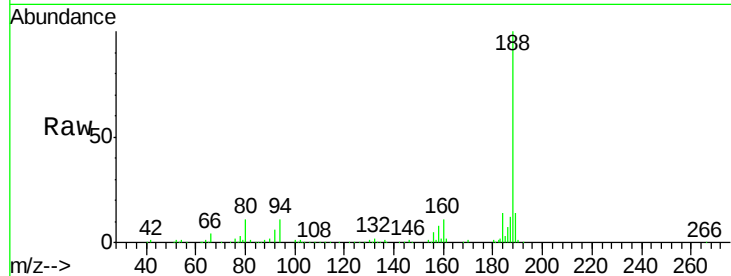
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.97 min Scan# 2216  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 304442 |       |       |
| 94      | 10.5  |        | 9.4   | 14.2  |
| 80      | 11.3  |        | 10.2  | 15.2  |

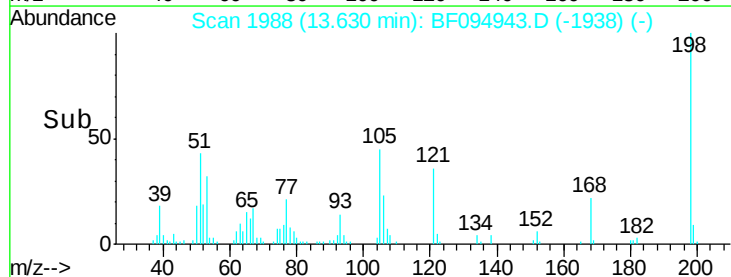
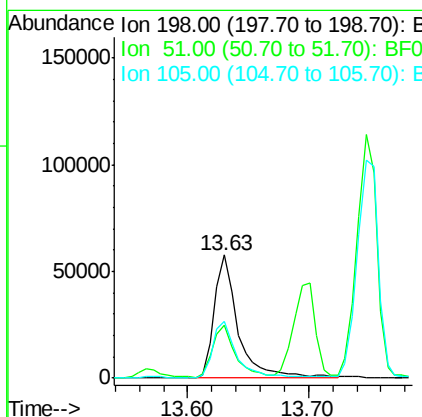
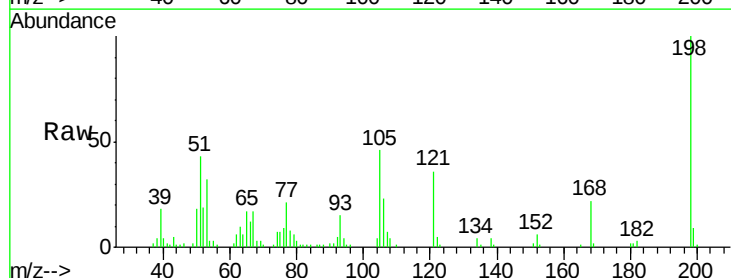
Manual Integrations  
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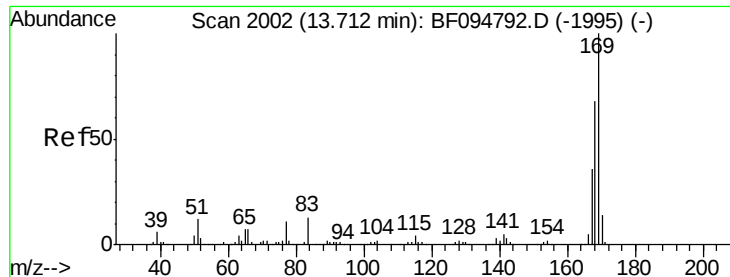
mohammad  
5/8/2017 2:48:40 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 38.31 ng  
RT: 13.63 min Scan# 1988  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 78180 |       |       |
| 51      | 42.9  |       | 53.2  | 93.2# |
| 105     | 45.7  |       | 45.8  | 85.8# |





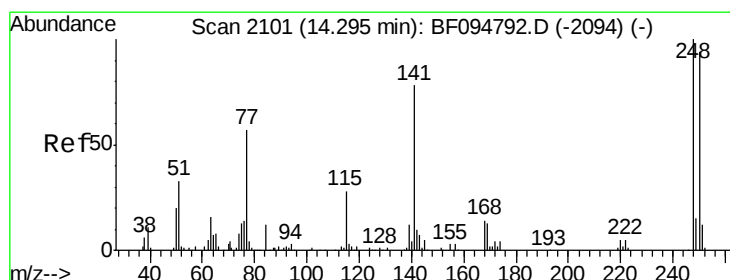
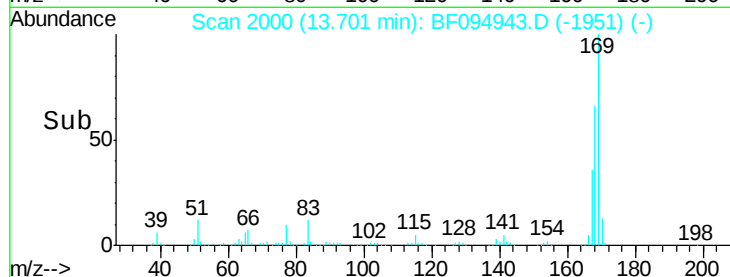
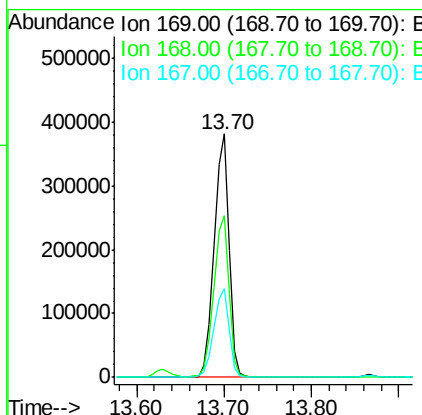
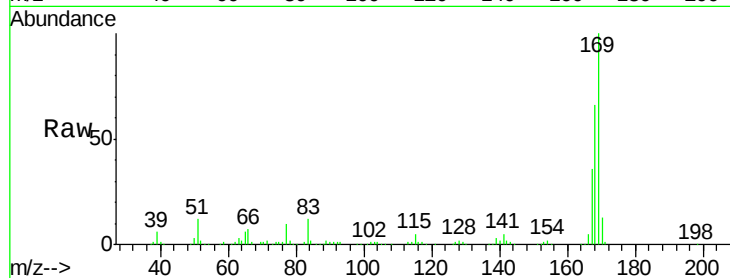
#65  
n-Nitrosodiphenylamine  
Concen: 41.01 ng  
RT: 13.70 min Scan# 2000  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 453157 |       |       |
| 168     | 66.2  | 53.2   | 79.8  |       |
| 167     | 36.2  | 29.5   | 44.3  |       |

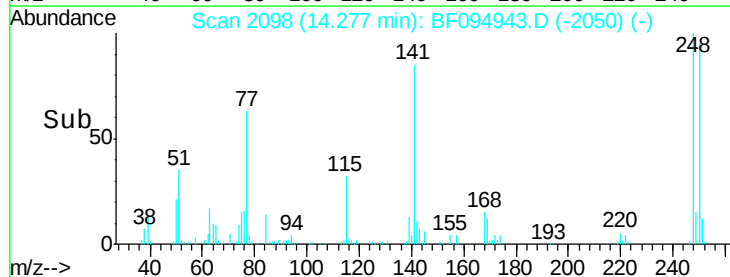
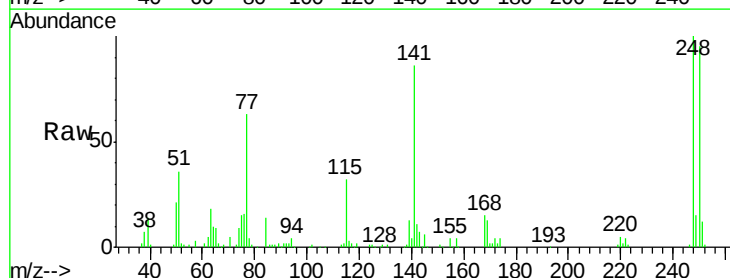
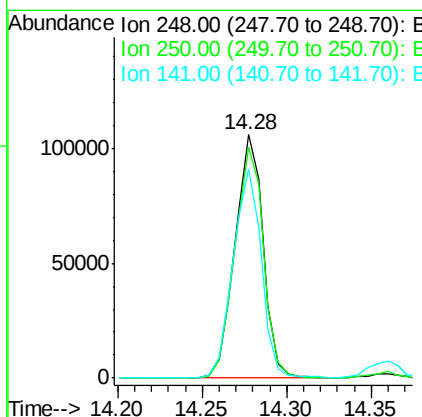
Manual Integrations  
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5/8/2017 2:48:40 PM



#66  
4-Bromophenyl-phenylether  
Concen: 38.15 ng  
RT: 14.28 min Scan# 2098  
Delta R.T. -0.02 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 122691 |       |       |
| 250     | 95.0  | 76.8   | 115.2 |       |
| 141     | 85.8  | 68.6   | 103.0 |       |





#67

Hexachlorobenzene

Concen: 37.50 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA\_F

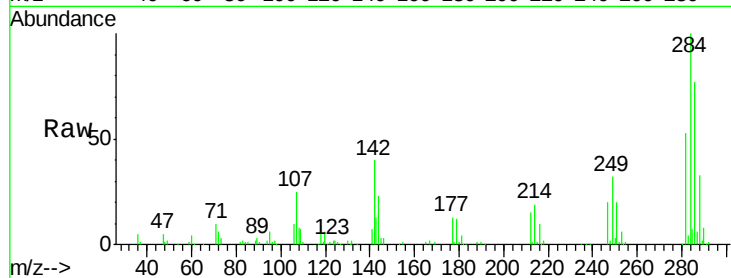
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 123622 |       |       |
| 142     | 39.5  | 22.8   | 34.2  | #     |
| 249     | 31.6  | 24.0   | 36.0  |       |

Manual Integrations  
APPROVED

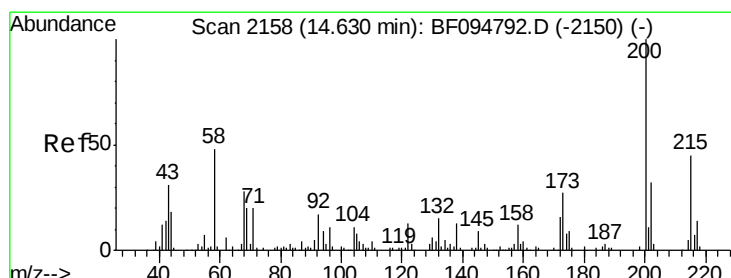
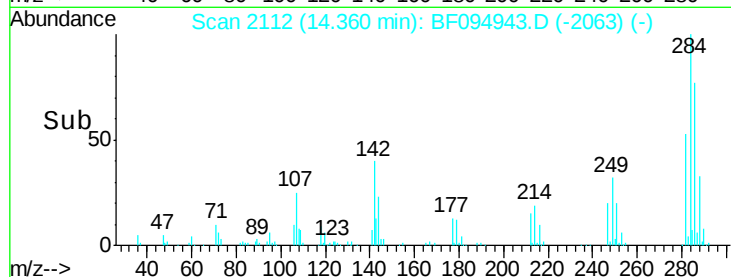
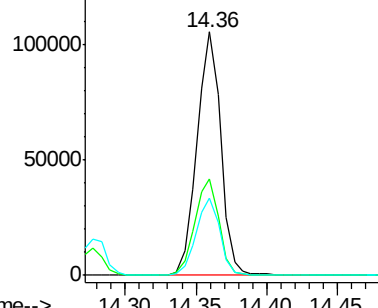
mohammad  
5/8/2017 2:48:40 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.27 ng

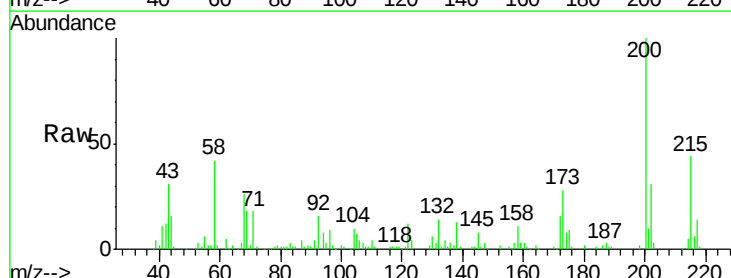
RT: 14.62 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

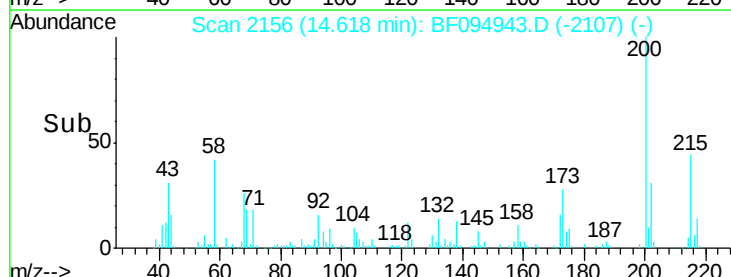
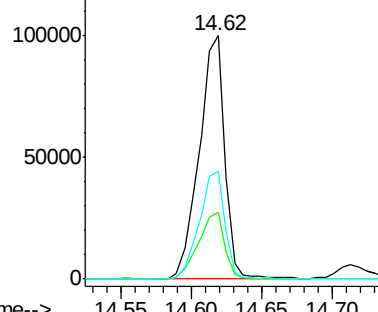
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 125628 |       |       |
| 173     | 27.5  | 6.3    | 46.3  |       |
| 215     | 44.2  | 27.2   | 67.2  |       |

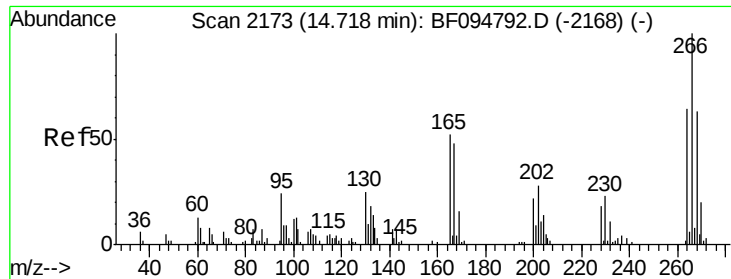


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





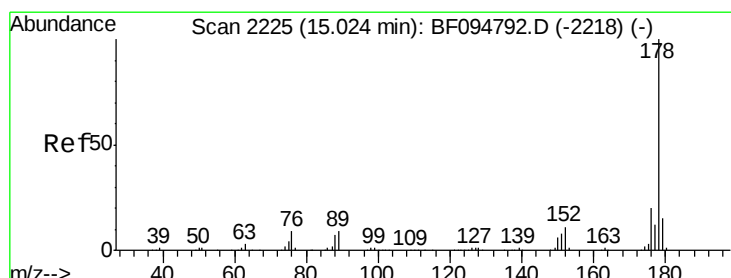
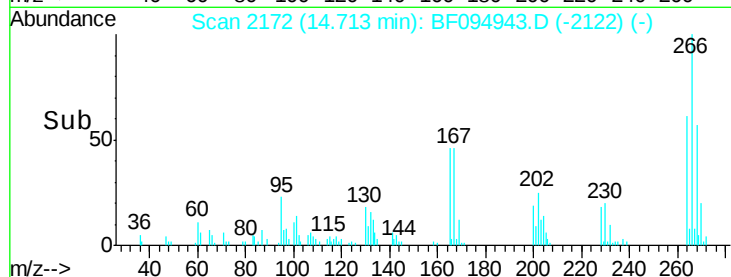
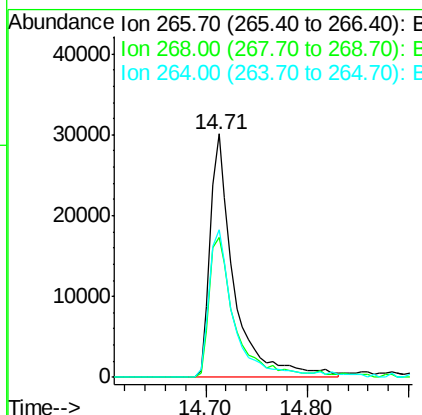
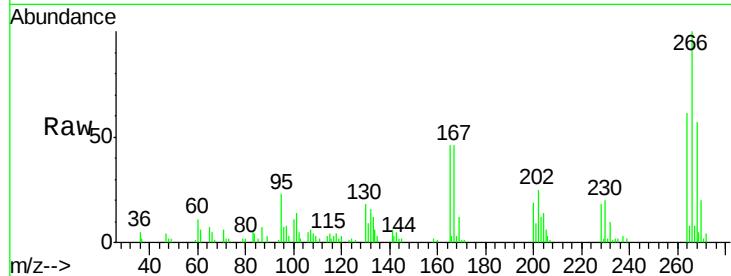
#69  
 Pentachlorophenol  
 Concen: 36.58 ng  
 RT: 14.71 min Scan# 2172  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 49408 |       |       |
| 268     | 57.3  |       | 51.1  | 76.7  |
| 264     | 60.7  |       | 51.7  | 77.5  |

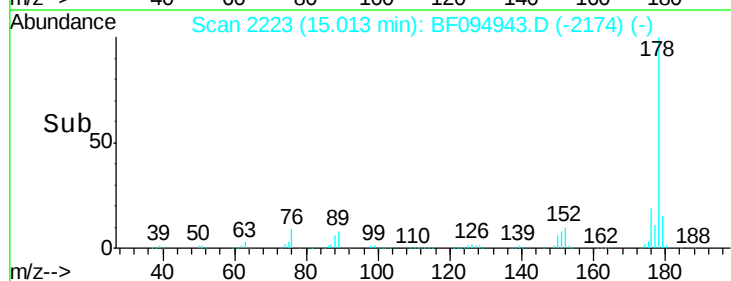
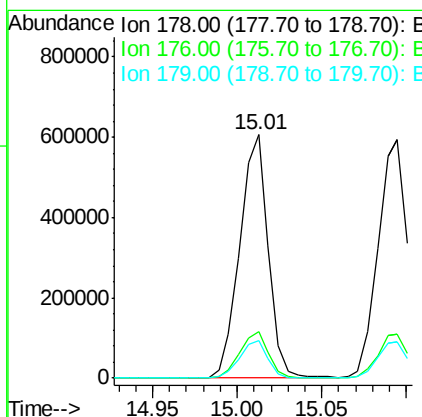
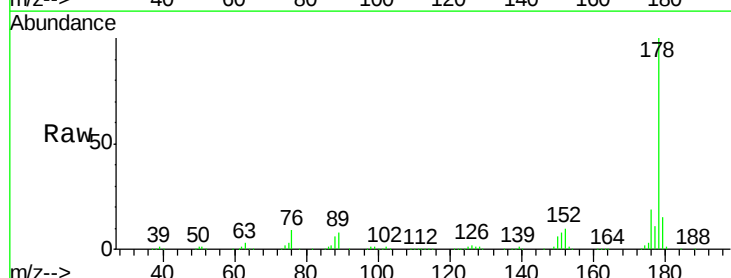
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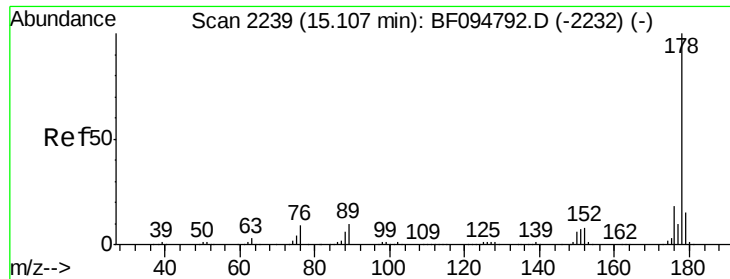
mohammad  
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#70  
 Phenanthrene  
 Concen: 40.69 ng  
 RT: 15.01 min Scan# 2223  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 711806 |       |       |
| 176     | 19.0  |        | 16.2  | 24.4  |
| 179     | 15.4  |        | 12.6  | 19.0  |





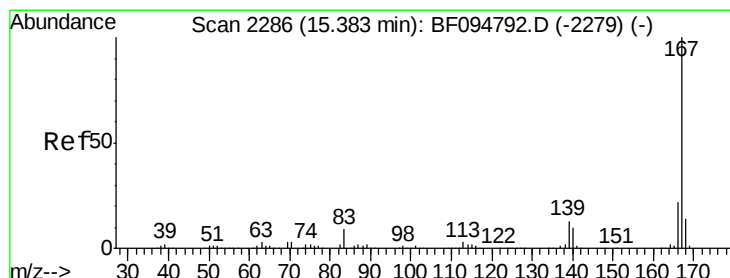
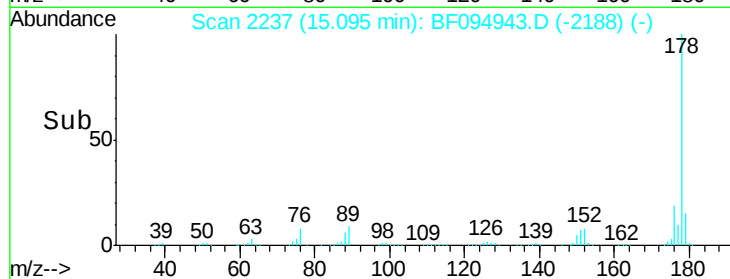
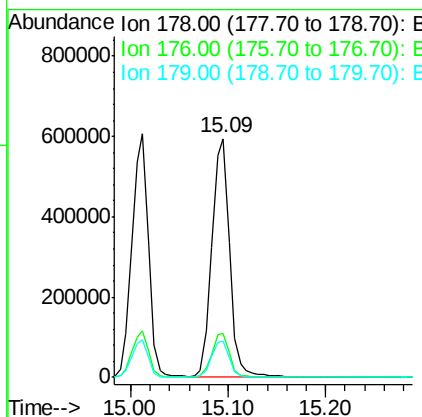
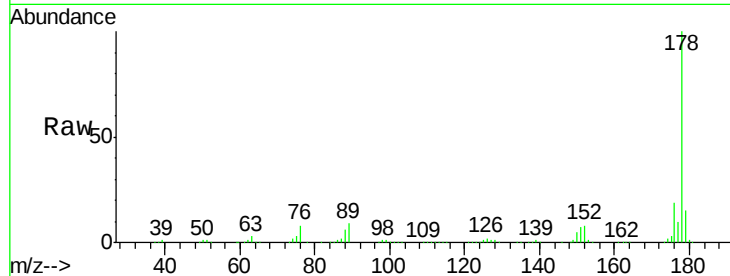
#71  
 Anthracene  
 Concen: 42.03 ng  
 RT: 15.09 min Scan# 2237  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 750939 |       |       |
| 176     | 18.5  | 15.8   | 23.8  |       |
| 179     | 15.1  | 12.7   | 19.1  |       |

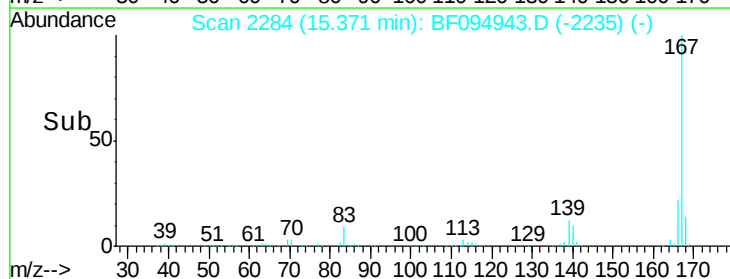
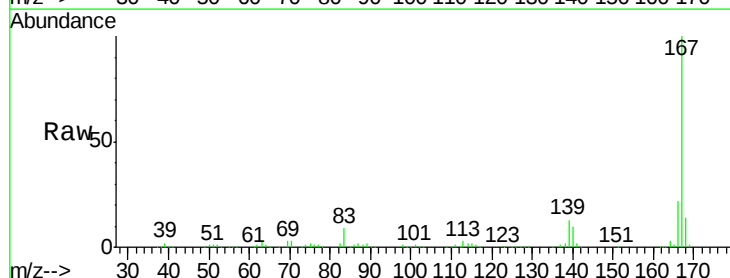
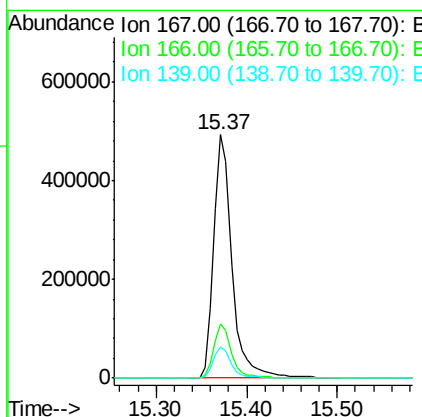
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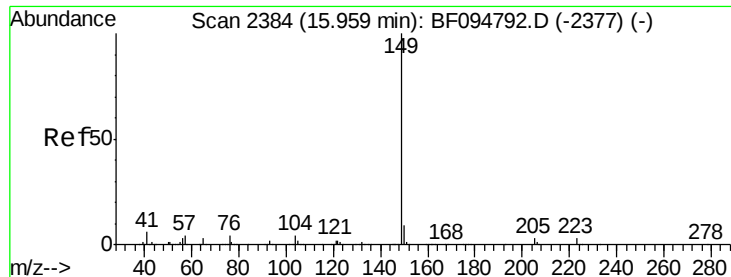
mohammad  
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#72  
 Carbazole  
 Concen: 42.58 ng  
 RT: 15.37 min Scan# 2284  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 692309 |       |       |
| 166     | 22.3  | 18.1   | 27.1  |       |
| 139     | 12.7  | 11.7   | 17.5  |       |





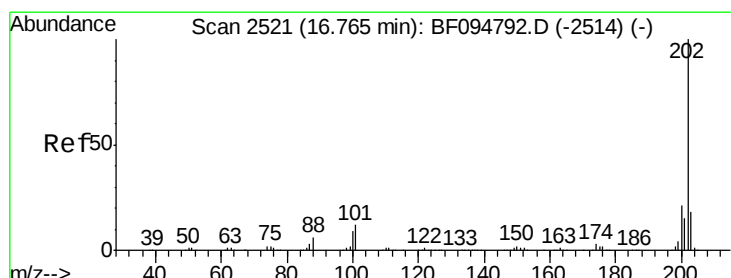
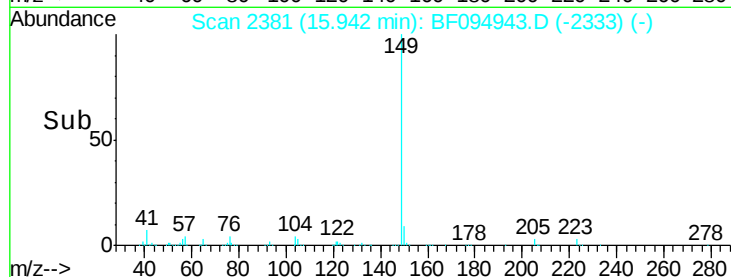
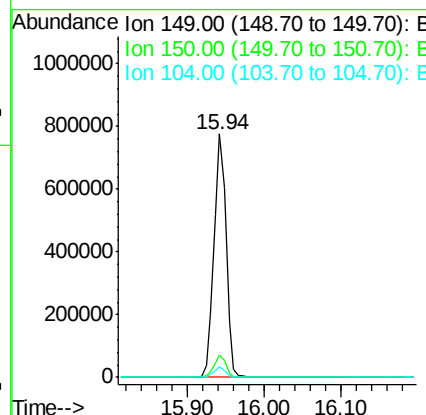
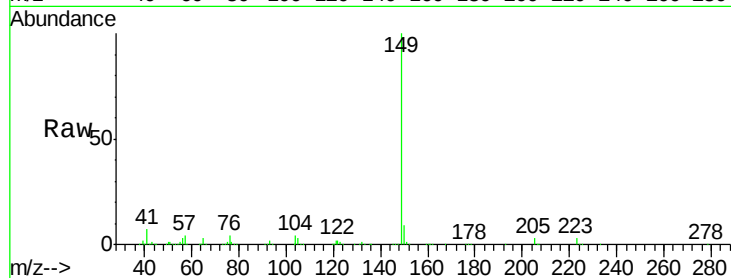
#73  
Di-n-butylphthalate  
Concen: 41.62 ng  
RT: 15.94 min Scan# 2381  
Delta R.T. -0.02 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 843896 |       |       |
| 150     | 9.3   | 7.7    | 11.5  |       |
| 104     | 4.3   | 4.0    | 6.0   |       |

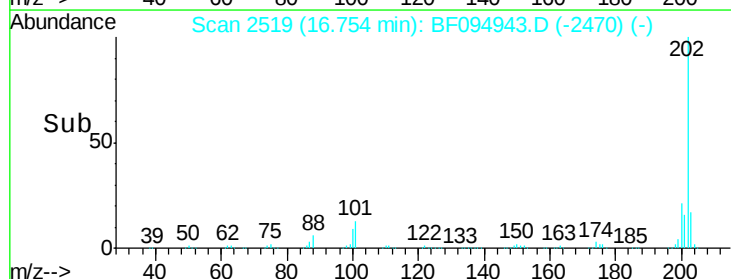
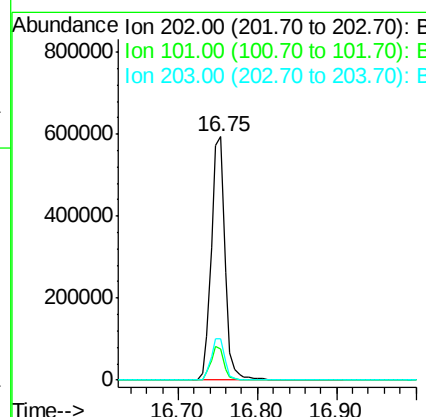
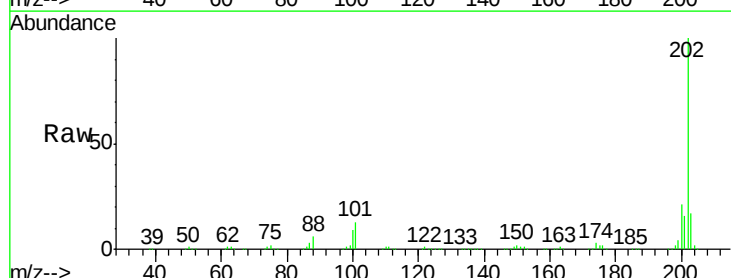
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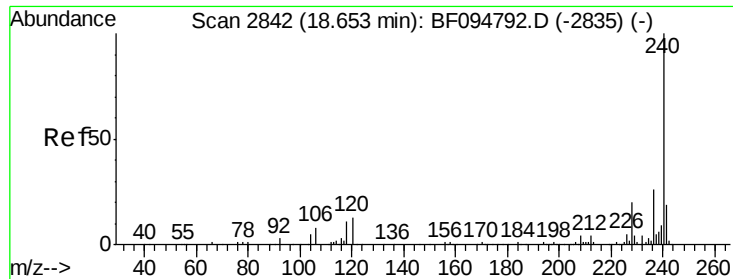
mohammad  
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#74  
Fluoranthene  
Concen: 39.85 ng  
RT: 16.75 min Scan# 2519  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 715061 |       |       |
| 101     | 12.6  | 0.0    | 33.2  |       |
| 203     | 17.0  | 0.0    | 38.1  |       |





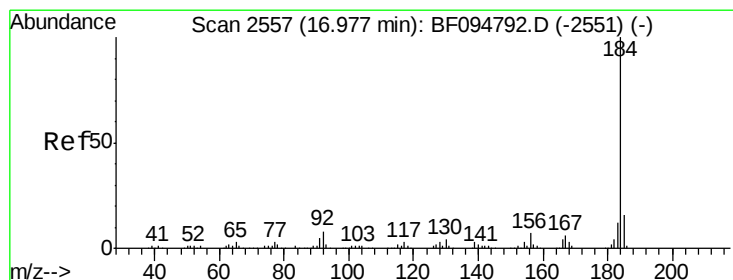
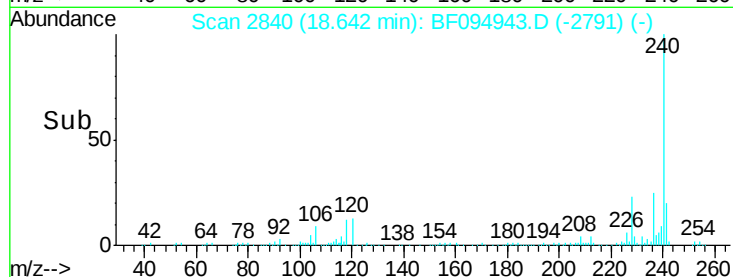
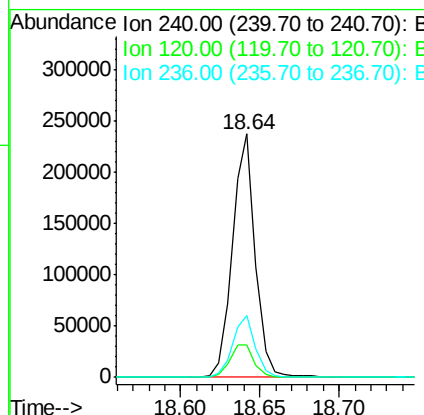
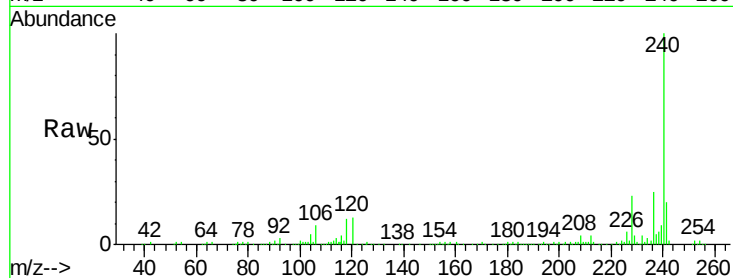
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 18.64 min Scan# 2840  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 240 Resp: 234975  
Ion Ratio Lower Upper  
240 100  
120 13.2 5.8 8.8#  
236 25.3 20.5 30.7

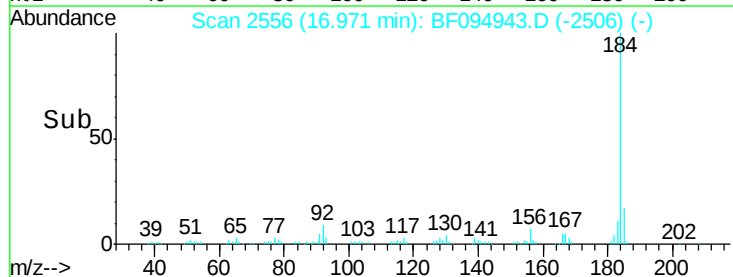
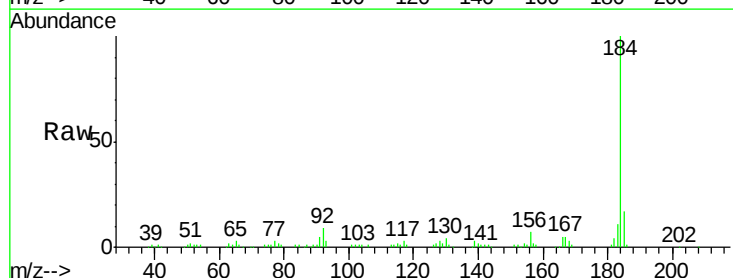
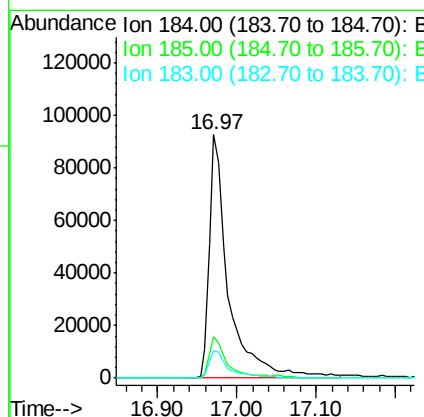
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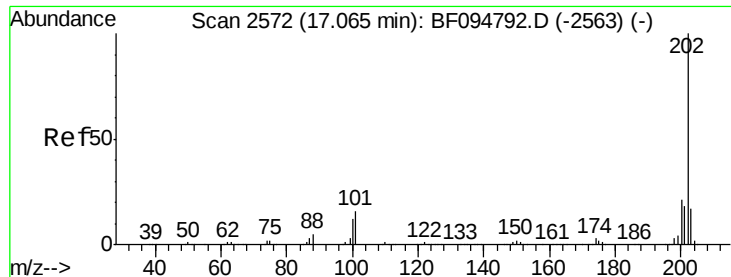
mohammad  
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#76  
Benzidine  
Concen: 27.90 ng  
RT: 16.97 min Scan# 2556  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Tgt Ion: 184 Resp: 156992  
Ion Ratio Lower Upper  
184 100  
185 16.9 15.5 23.3  
183 11.4 9.8 14.6





#77

Pyrene

Concen: 41.66 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA\_F

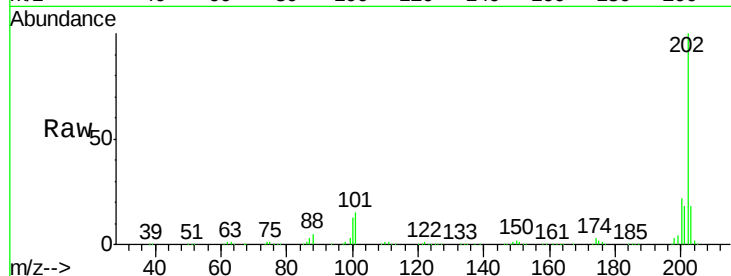
ClientSampleId :

SSTDCCC040

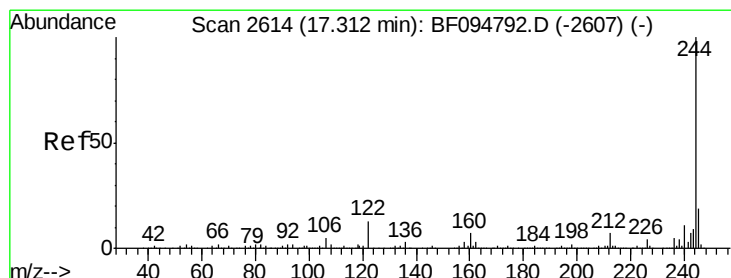
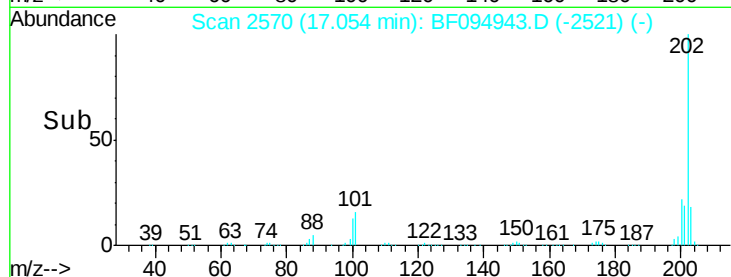
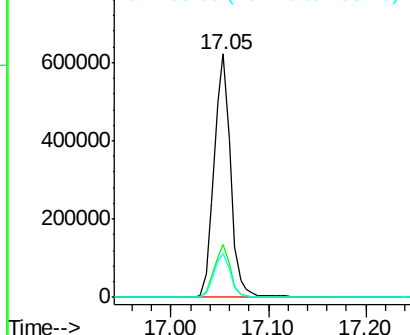
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 732112 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.8  | 17.6  | 26.4   |
| 203       | 18.1  | 14.4  | 21.6   |

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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: 77.27 ng

RT: 17.30 min Scan# 2612

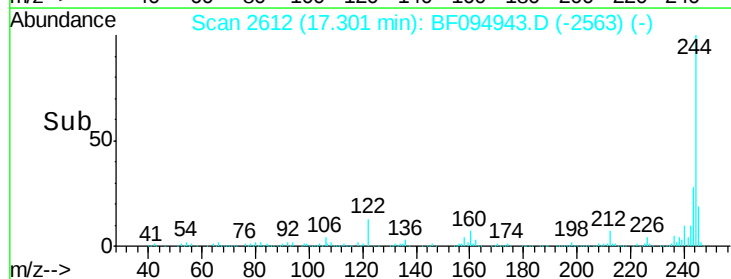
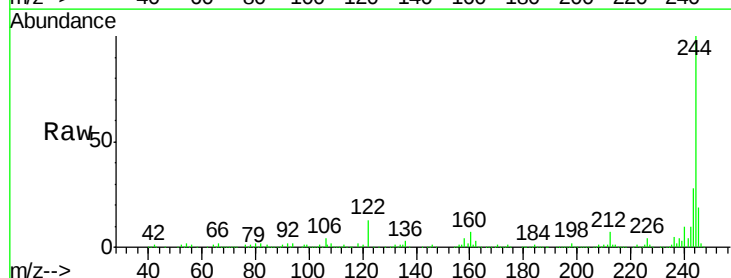
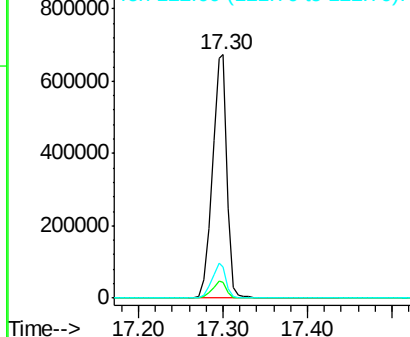
Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 824335 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.6   | 6.0   | 9.0    |
| 122       | 12.6  | 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





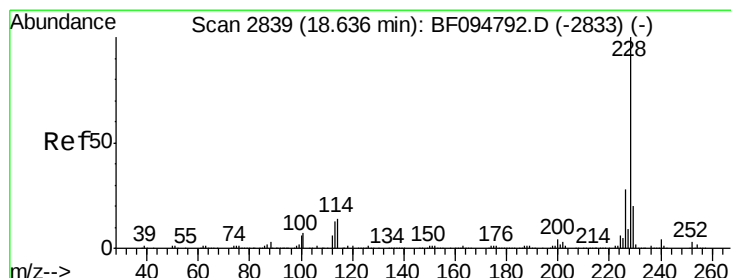
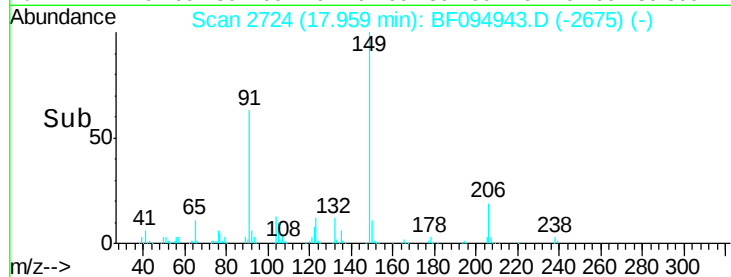
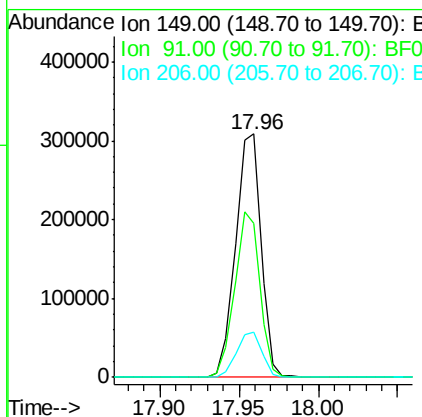
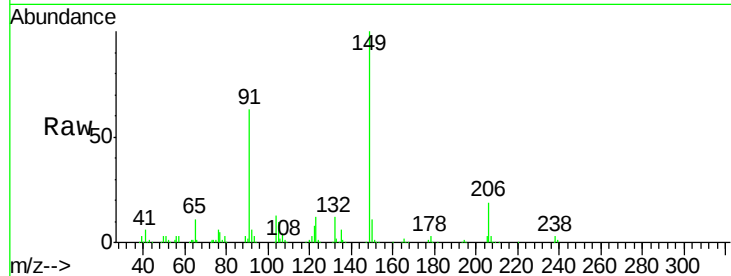
#79  
Butylbenzylphthalate  
Concen: 42.29 ng  
RT: 17.96 min Scan# 2724  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 63.3  | 45.0       | 67.4       |
| 206     | 18.7  | 17.0       | 25.6       |

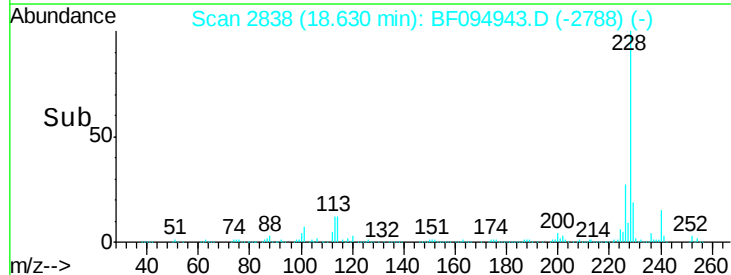
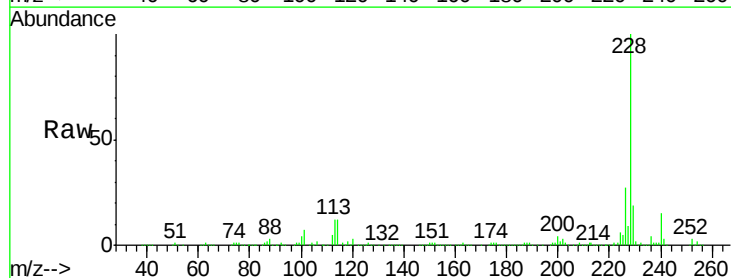
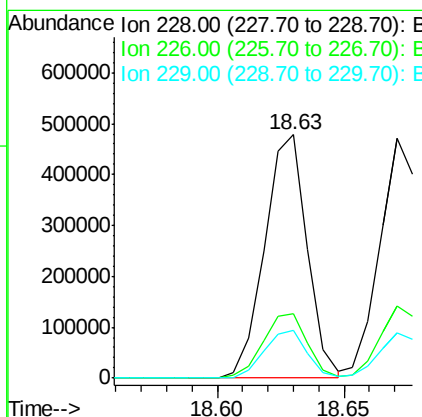
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#80  
Benzo(a)anthracene  
Concen: 40.86 ng  
RT: 18.63 min Scan# 2838  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 26.6  | 22.6       | 33.8       |
| 229     | 19.4  | 16.3       | 24.5       |





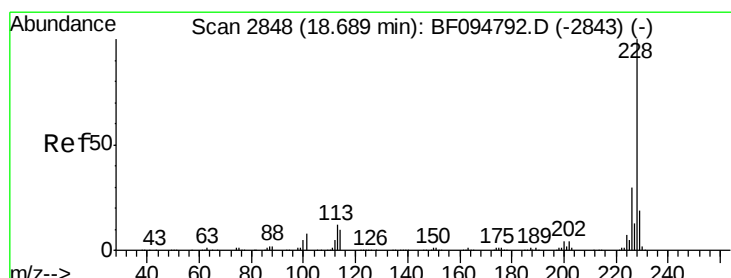
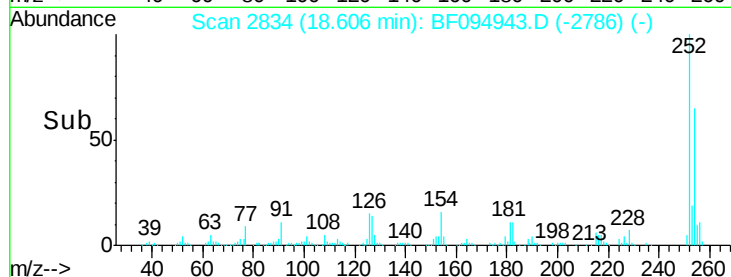
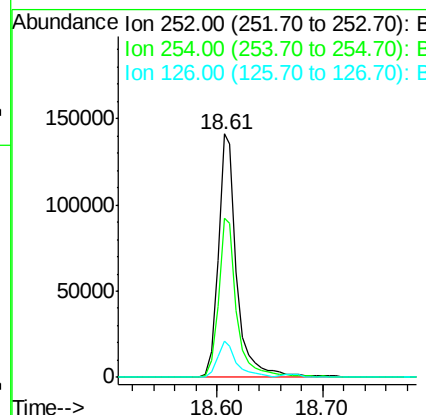
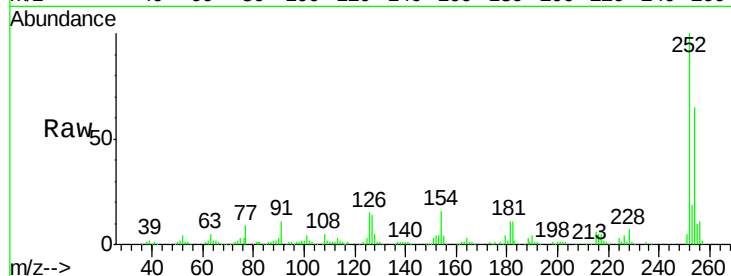
#81  
 3,3'-Dichlorobenzidine  
 Concen: 36.93 ng  
 RT: 18.61 min Scan# 2834  
 Delta R.T. -0.02 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 174431 |       |       |
| 254     | 65.3  | 51.5   | 77.3  |       |
| 126     | 14.8  | 15.8   | 23.8  |       |

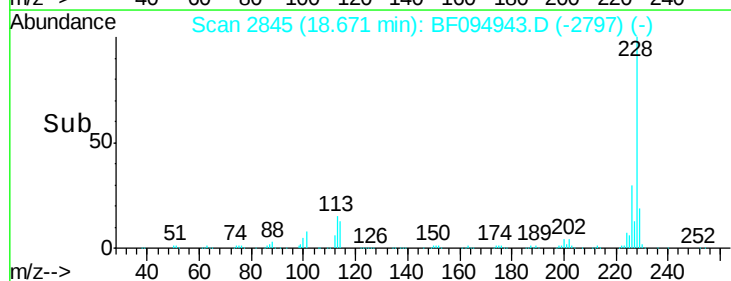
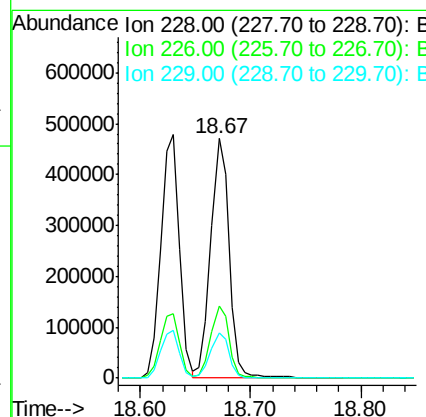
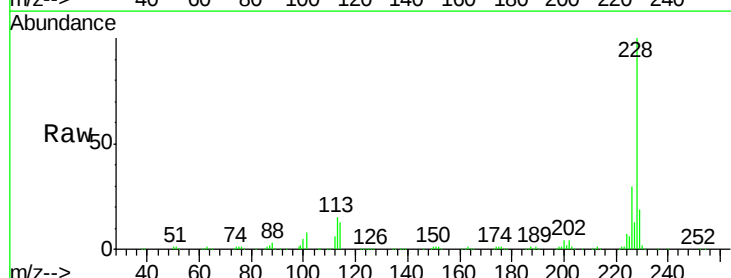
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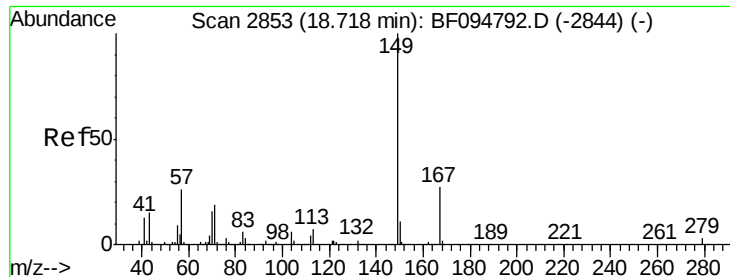
mohammad  
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#82  
 Chrysene  
 Concen: 40.34 ng  
 RT: 18.67 min Scan# 2845  
 Delta R.T. -0.02 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 533416 |       |       |
| 226     | 30.1  | 24.9   | 37.3  |       |
| 229     | 18.9  | 15.8   | 23.6  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.36 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA\_F

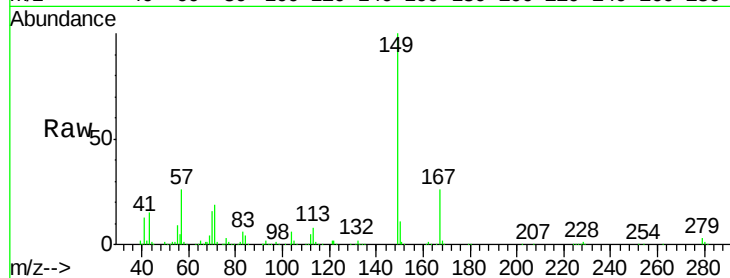
ClientSampleId :

SSTDCCC040

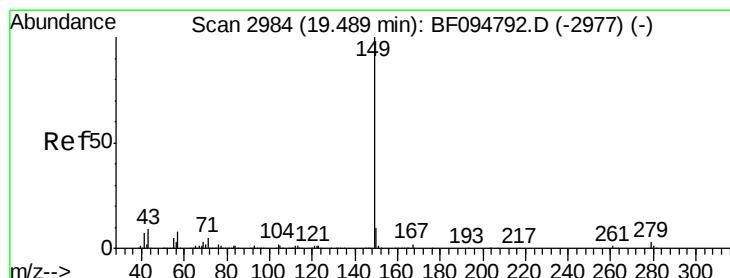
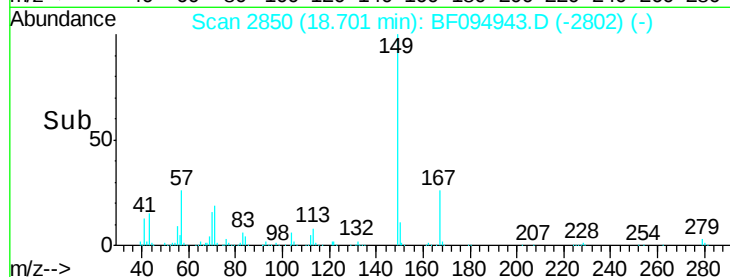
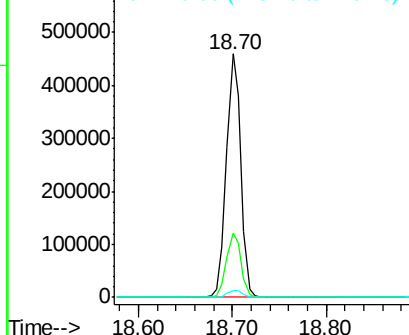
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 493335 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.4  | 21.0  | 31.4   |
| 279       | 2.9   | 1.9   | 2.9    |

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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: 40.14 ng

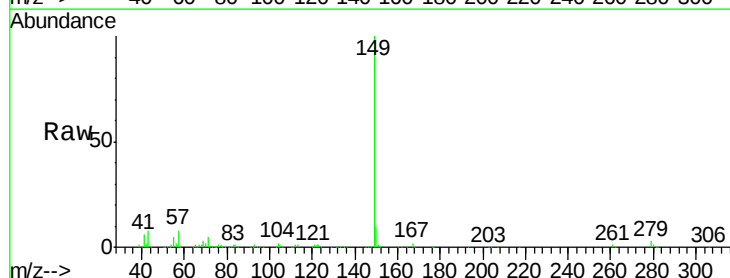
RT: 19.47 min Scan# 2981

Delta R.T. -0.02 min

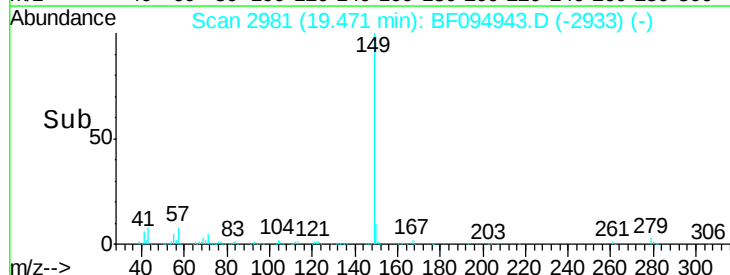
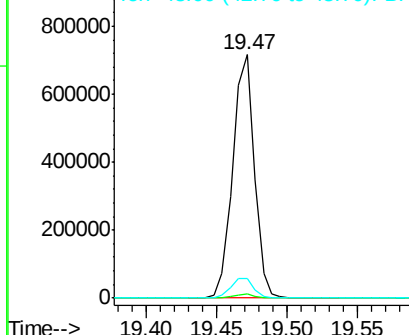
Lab File: BF094943.D

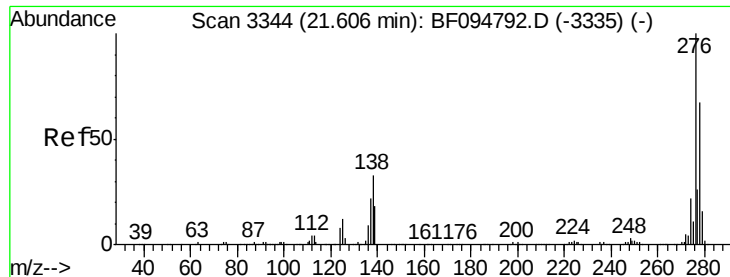
Acq: 6 May 2017 5:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 766366 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.2   | 1.8    |
| 43        | 8.8   | 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





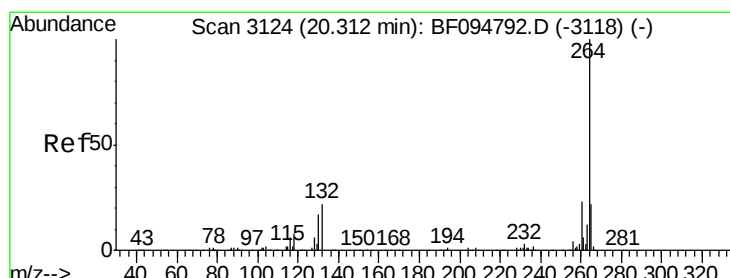
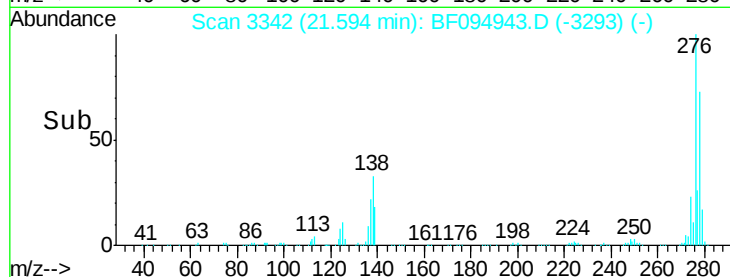
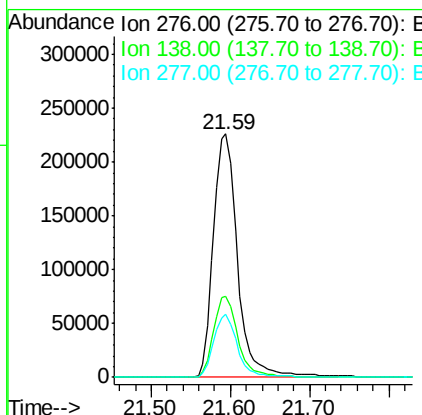
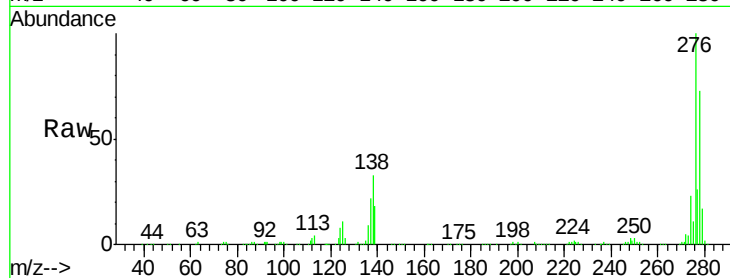
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 44.61 ng  
RT: 21.59 min Scan# 3342  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 33.9  | 27.8  | 41.6  |
| 277     | 25.5  | 20.2  | 30.4  |

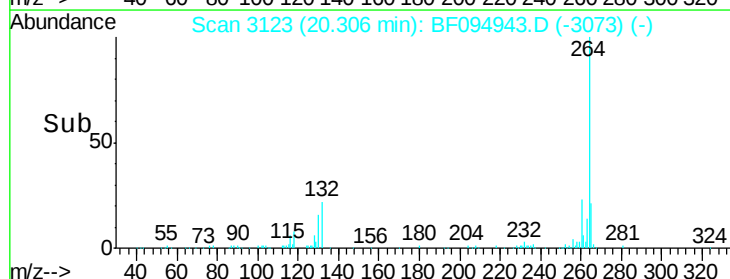
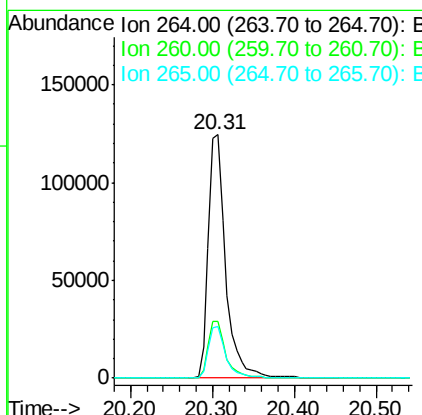
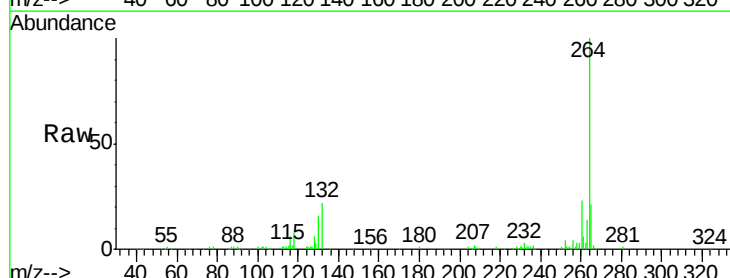
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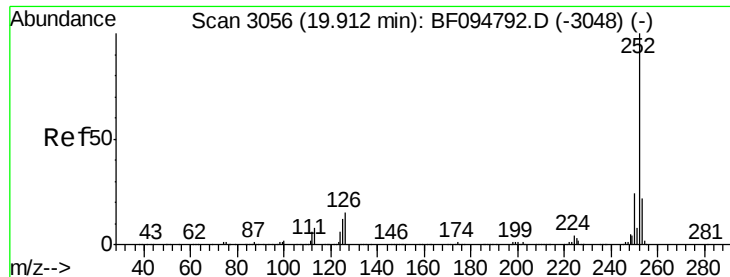
mohammad  
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 20.31 min Scan# 3123  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 19.5  | 29.3  |
| 265     | 21.3  | 17.2  | 25.8  |





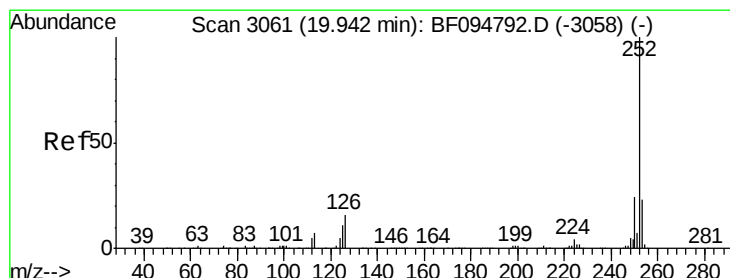
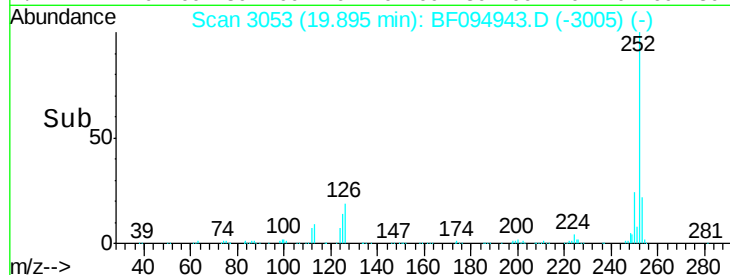
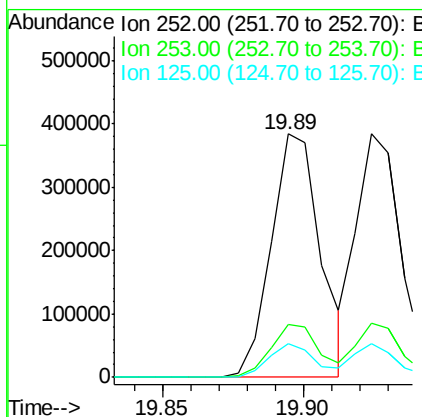
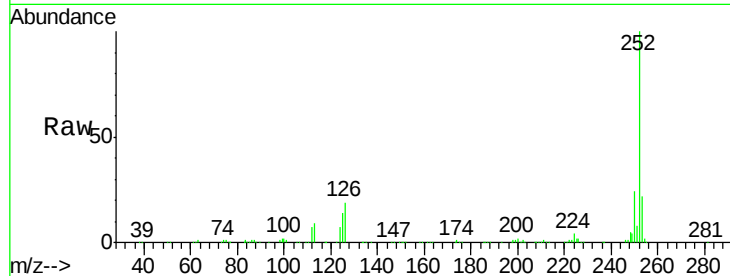
#87  
Benzo(b)fluoranthene  
Concen: 41.03 ng  
RT: 19.89 min Scan# 3053  
Delta R.T. -0.02 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 18.1  | 27.1  |
| 125     | 13.7  | 9.8   | 14.8  |

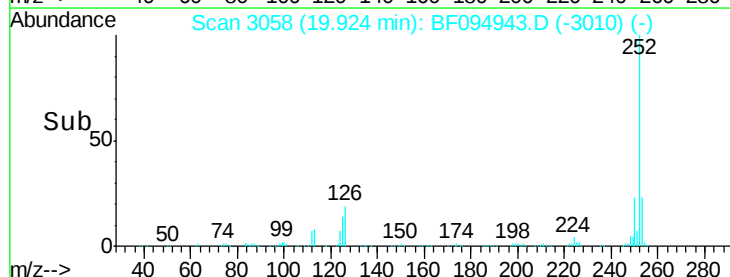
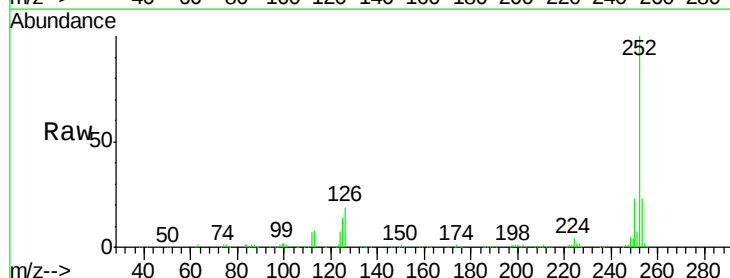
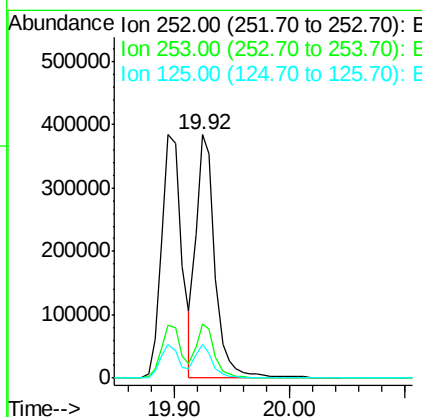
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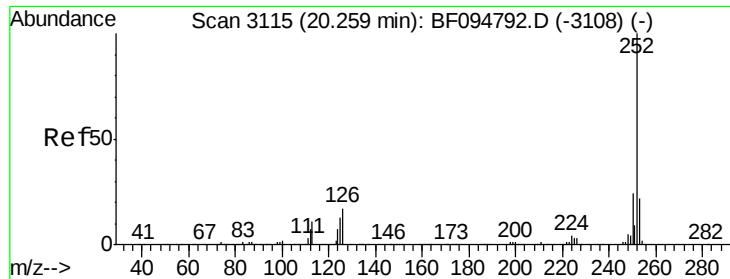
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#88  
Benzo(k)fluoranthene  
Concen: 40.19 ng  
RT: 19.92 min Scan# 3058  
Delta R.T. -0.02 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.4  | 27.6  |
| 125     | 13.9  | 13.1  | 19.7  |





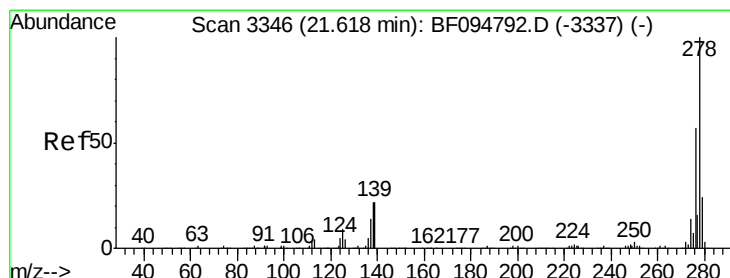
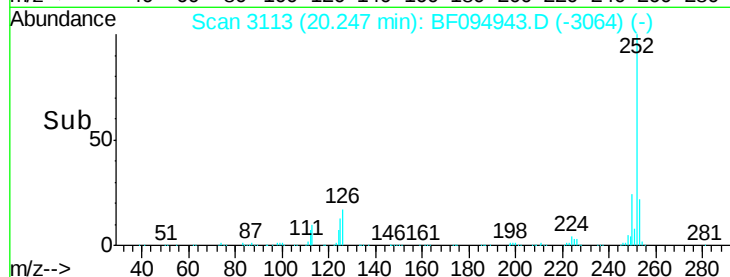
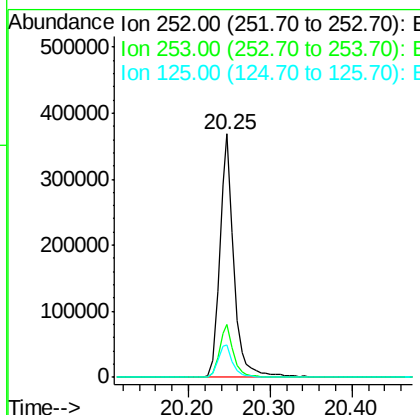
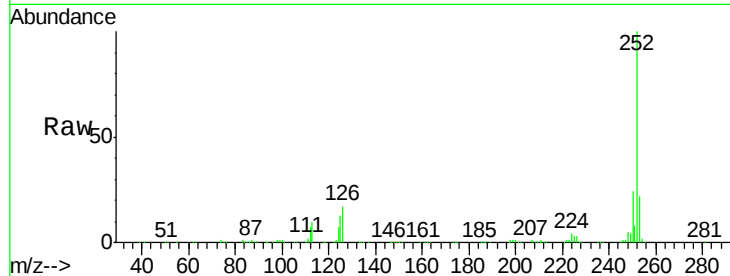
#89  
Benzo(a)pyrene  
Concen: 41.75 ng  
RT: 20.25 min Scan# 3113  
Delta R.T. -0.01 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.5  | 26.3  |
| 125     | 13.1  | 11.0  | 16.4  |

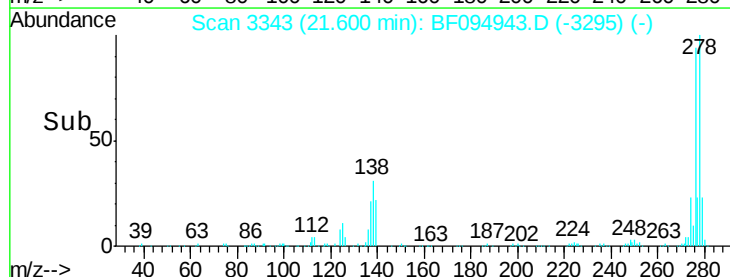
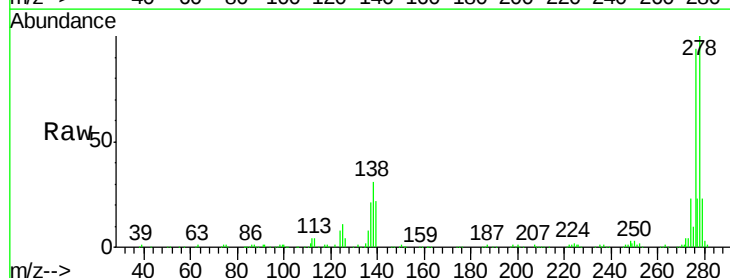
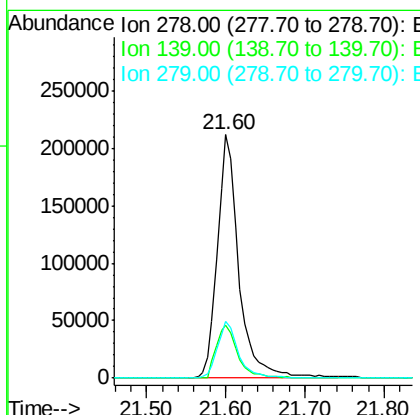
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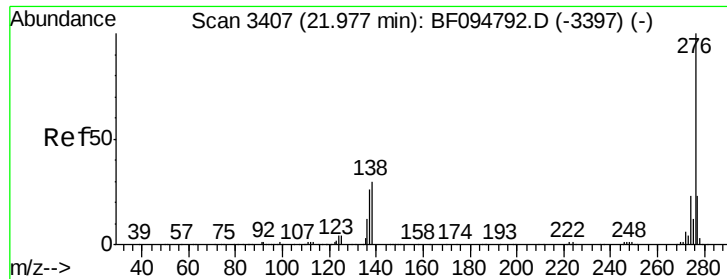
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#90  
Dibenzo(a,h)anthracene  
Concen: 46.01 ng  
RT: 21.60 min Scan# 3343  
Delta R.T. -0.02 min  
Lab File: BF094943.D  
Acq: 6 May 2017 5:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.7  | 16.6  | 24.8  |
| 279     | 23.3  | 19.3  | 28.9  |





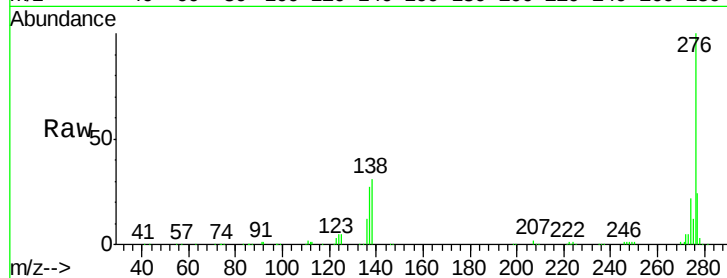
#91  
 Benzo(g,h,i)perylene  
 Concen: 48.34 ng  
 RT: 21.97 min Scan# 3405  
 Delta R.T. -0.01 min  
 Lab File: BF094943.D  
 Acq: 6 May 2017 5:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 410767 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.8  | 18.6  | 28.0   |
| 138       | 30.9  | 25.4  | 38.0   |

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

