

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\  
 Data File : BF116658.D  
 Acq On : 30 Aug 2019 18:17  
 Operator : HP/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

mohammad  
 8/31/2019 2:45:15 PM

Quant Time: Aug 30 18:52:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 18:11:49 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 151251   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 637134   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.89  | 164  | 316527   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.37 | 188  | 500909   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.00 | 240  | 285315   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.45 | 264  | 263823   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 1054668 | 87.73  | ng | 0.00 |
| 7) Phenol-d6             | 6.49  | 99  | 1412603 | 101.62 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 1328154 | 109.70 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.68 | 330 | 245381  | 67.23  | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.22  | 172 | 2018067 | 80.04  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.96 | 244 | 1756009 | 99.70  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.60 | 88  | 257280  | 43.186 | ng | 98     |
| 3) Pyridine                    | 3.35 | 79  | 731162  | 43.877 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.31 | 42  | 257625  | 40.504 | ng | 85     |
| 6) Aniline                     | 6.52 | 93  | 990488  | 52.725 | ng | 97     |
| 8) 2-Chlorophenol              | 6.65 | 128 | 578710  | 49.328 | ng | 99     |
| 9) Benzaldehyde                | 6.40 | 77  | 387988  | 48.051 | ng | 98     |
| 10) Phenol                     | 6.50 | 94  | 767360  | 49.757 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 615108  | 52.898 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 656191  | 54.029 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 652013  | 55.716 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 598732  | 57.868 | ng | 95     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 579280  | 62.121 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 726170  | 64.212 | ng | 98     |
| 17) 2-Methylphenol             | 7.10 | 107 | 519226  | 63.345 | ng | 96     |
| 18) Hexachloroethane           | 7.37 | 117 | 258125  | 62.216 | ng | 90     |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70  | 472478  | 65.139 | ng | 91     |
| 20) 3+4-Methylphenols          | 7.26 | 107 | 575977  | 55.840 | ng | # 84   |
| 22) Acetophenone               | 7.27 | 105 | 847798  | 47.155 | ng | # 93   |
| 24) Nitrobenzene               | 7.44 | 77  | 666554  | 55.004 | ng | 97     |
| 25) Isophorone                 | 7.68 | 82  | 1321742 | 60.332 | ng | 100    |
| 26) 2-Nitrophenol              | 7.75 | 139 | 266562  | 49.490 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.79 | 122 | 488010  | 57.179 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 780648  | 57.653 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.99 | 162 | 470977  | 52.242 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 499114  | 48.101 | ng | 96     |
| 31) Naphthalene                | 8.16 | 128 | 1683393 | 52.110 | ng | 98     |
| 32) Benzoic acid               | 7.94 | 122 | 324631  | 47.170 | ng | 99     |
| 33) 4-Chloroaniline            | 8.20 | 127 | 780536  | 56.977 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.28 | 225 | 270047  | 45.434 | ng | 98     |
| 35) Caprolactam                | 8.60 | 113 | 177455m | 62.130 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.69 | 107 | 544462  | 54.637 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 1121678 | 52.562 | ng | 96     |
| 38) 1-Methylnaphthalene        | 8.95 | 142 | 1058154 | 52.688 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 420317  | 39.143 | ng | # 97   |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

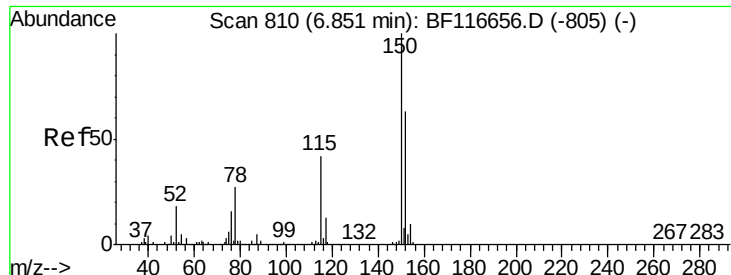
mohammad  
 8/31/2019 2:45:15 PM

Quant Time: Aug 30 18:52:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 18:11:49 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.00  | 237  | 257476   | 40.910 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.12  | 196  | 302875   | 41.833 | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 9.16  | 196  | 316489   | 43.029 | nq    | # 91     |
| 46) 1,1'-Biphenyl              | 9.32  | 154  | 1317951  | 43.001 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.34  | 162  | 1064141  | 44.948 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.43  | 65   | 355445   | 48.982 | nq    | 92       |
| 49) Acenaphthylene             | 9.75  | 152  | 1607316  | 49.937 | nq    | 98       |
| 50) Dimethylphthalate          | 9.62  | 163  | 1232602  | 45.722 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.67  | 165  | 256941   | 46.336 | nq    | 94       |
| 52) Acenaphthene               | 9.93  | 154  | 994157   | 50.820 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.85  | 138  | 323951   | 53.614 | nq    | # 92     |
| 54) 2,4-Dinitrophenol          | 9.95  | 184  | 88457    | 38.261 | nq    | 90       |
| 55) Dibenzofuran               | 10.10 | 168  | 1382266  | 46.651 | nq    | 97       |
| 56) 4-Nitrophenol              | 10.00 | 139  | 228489   | 55.024 | nq    | 87       |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 327901   | 47.842 | nq    | 91       |
| 58) Fluorene                   | 10.44 | 166  | 1044903  | 43.723 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.21 | 232  | 230509   | 40.570 | nq    | 94       |
| 60) Diethylphthalate           | 10.32 | 149  | 1228544  | 48.166 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.43 | 204  | 451073   | 38.232 | nq    | 90       |
| 62) 4-Nitroaniline             | 10.46 | 138  | 324965   | 49.478 | nq    | 93       |
| 63) Azobenzene                 | 10.59 | 77   | 1302865  | 51.384 | nq    | 93       |
| 65) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 119467   | 44.185 | nq    | 81       |
| 66) n-Nitrosodiphenylamine     | 10.55 | 169  | 973958   | 58.494 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.92 | 248  | 286315   | 50.234 | nq    | 95       |
| 68) Hexachlorobenzene          | 10.99 | 284  | 297383   | 47.375 | nq    | 93       |
| 69) Atrazine                   | 11.07 | 200  | 268950   | 53.090 | nq    | 96       |
| 70) Pentachlorophenol          | 11.17 | 266  | 158041   | 43.021 | nq    | 98       |
| 71) Phenanthrene               | 11.40 | 178  | 1511832  | 53.718 | nq    | 99       |
| 72) Anthracene                 | 11.45 | 178  | 1543280  | 53.699 | nq    | 99       |
| 73) Carbazole                  | 11.60 | 167  | 1483344  | 58.290 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.93 | 149  | 1842575  | 55.094 | nq    | 99       |
| 75) Fluoranthene               | 12.58 | 202  | 1496916  | 52.139 | nq    | 96       |
| 77) Benzidine                  | 12.69 | 184  | 663482   | 68.342 | nq    | 97       |
| 78) Pyrene                     | 12.81 | 202  | 1499361  | 53.964 | nq    | 98       |
| 80) Butylbenzylphthalate       | 13.42 | 149  | 734218   | 65.407 | nq    | 95       |
| 81) Benzo(a)anthracene         | 13.99 | 228  | 1014054  | 52.469 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.95 | 252  | 342249   | 53.817 | nq    | 95       |
| 83) Chrysene                   | 14.03 | 228  | 1038557  | 55.144 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 878180   | 61.105 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 14.59 | 149  | 1435882  | 66.210 | nq    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.90 | 276  | 920281   | 56.391 | nq    | # 92     |
| 88) Benzo(b)fluoranthene       | 15.03 | 252  | 862678   | 51.641 | nq    | # 98     |
| 89) Benzo(k)fluoranthene       | 15.06 | 252  | 834096m  | 51.993 | nq    |          |
| 90) Benzo(a)pyrene             | 15.40 | 252  | 787290   | 53.930 | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 16.93 | 278  | 727058   | 47.483 | nq    | # 96     |
| 92) Benzo(g,h,i)perylene       | 17.34 | 276  | 776538   | 52.944 | nq    | # 92     |

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





#1

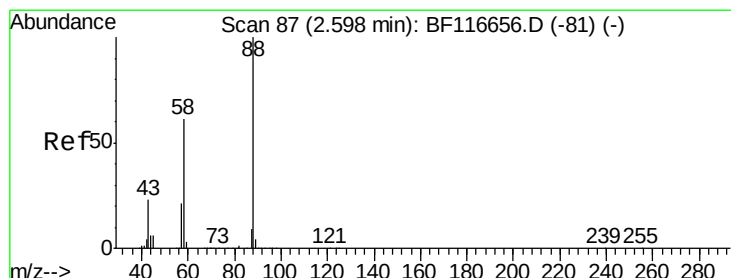
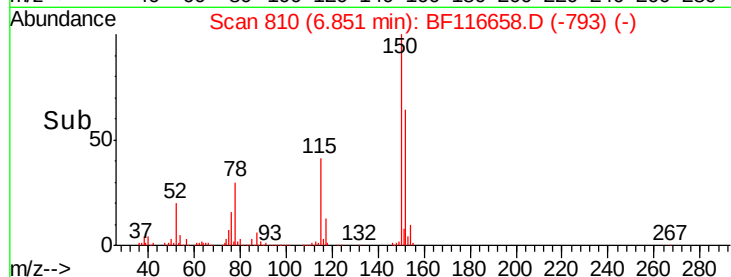
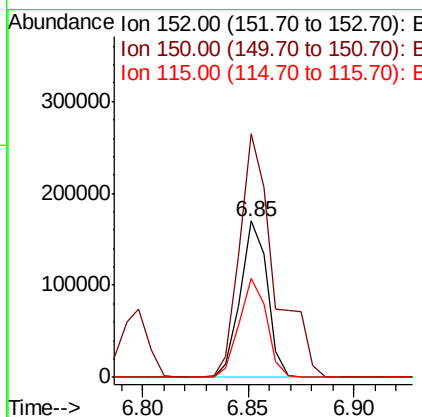
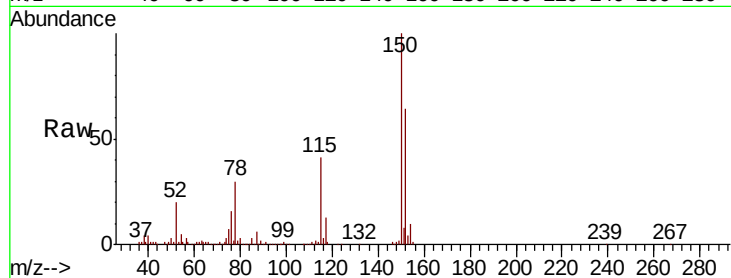
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 810  
Delta R.T. 0.00 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 124.4 | 186.6 |
| 115     | 63.7  | 49.9  | 74.9  |

Manual Integrations  
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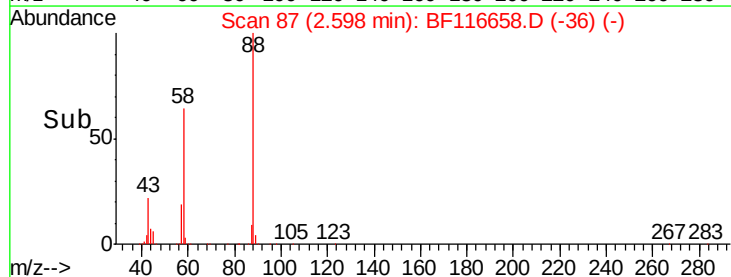
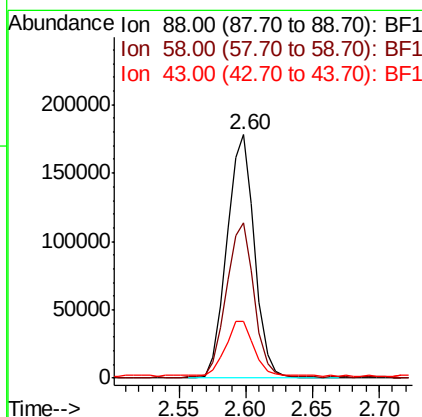
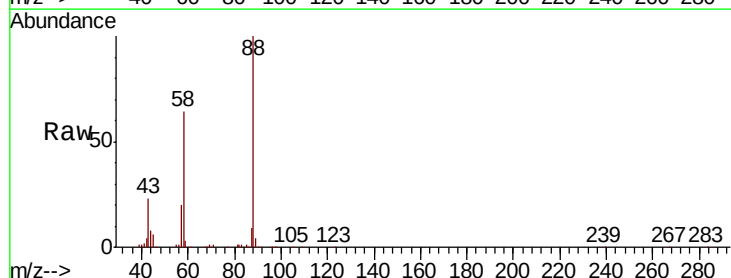
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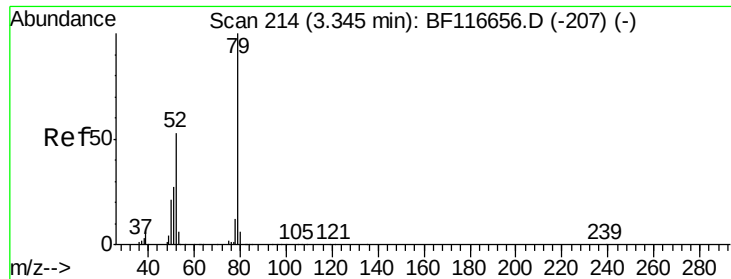


#2

1,4-Dioxane  
Concen: 43.186 ng  
RT: 2.60 min Scan# 87  
Delta R.T. 0.00 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 63.5  | 51.7  | 77.5  |
| 43      | 22.6  | 19.8  | 29.8  |





#3

Pvridine

Concen: 43.877 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

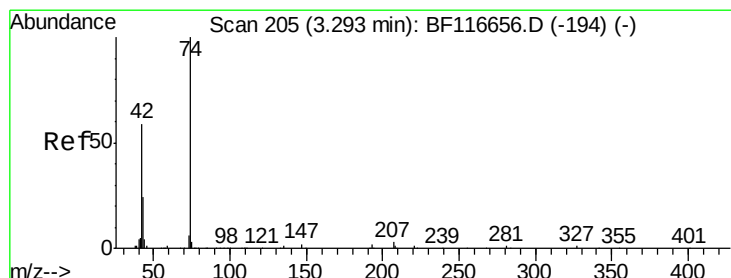
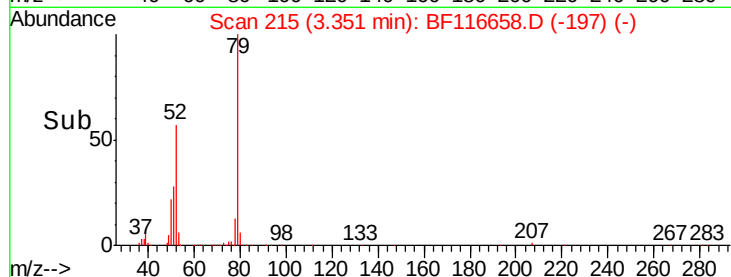
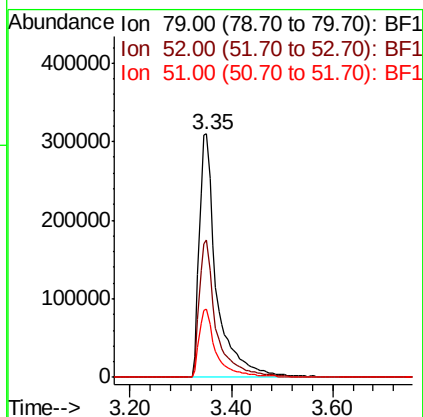
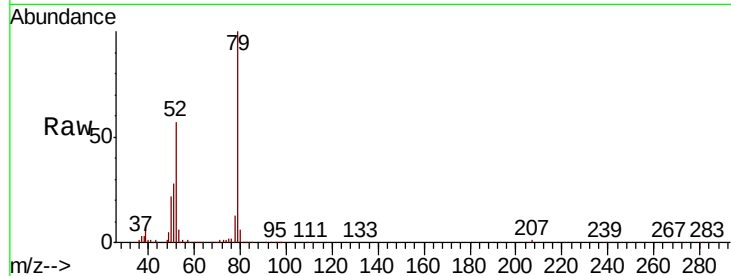
ClientSampleId :

SSTDICC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 731162 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 56.6  | 47.4  | 71.0   |
| 51       | 27.9  | 24.1  | 36.1   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 40.504 ng

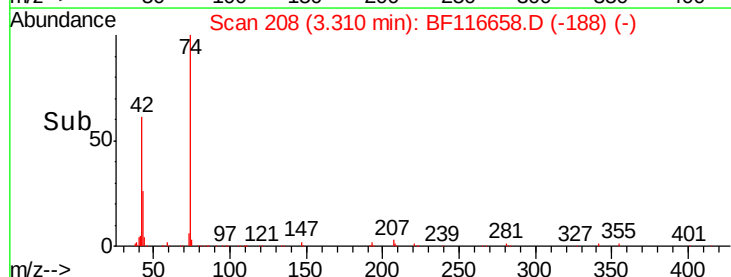
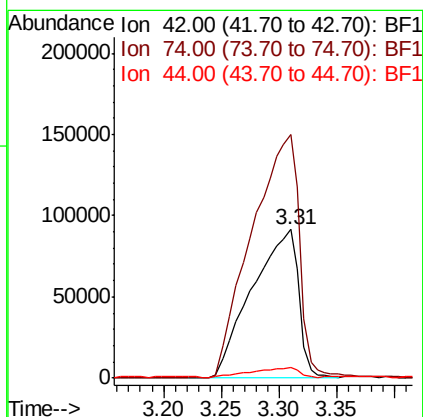
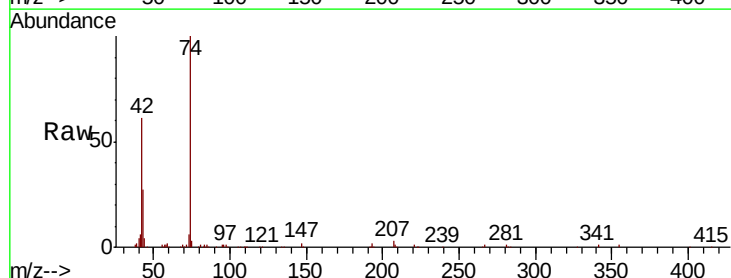
RT: 3.31 min Scan# 208

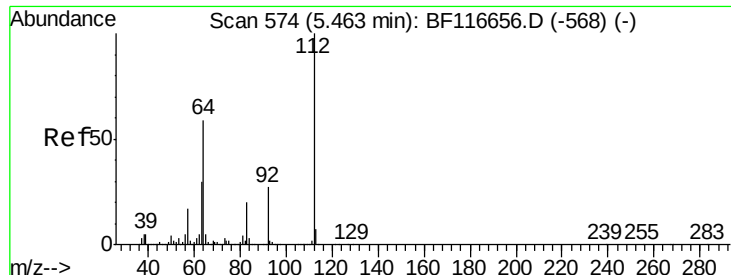
Delta R.T. 0.02 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 257625 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 164.0 | 115.6 | 173.4  |
| 44       | 6.9   | 4.6   | 7.0    |





#5

2-Fluorophenol

Concen: 87.727 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

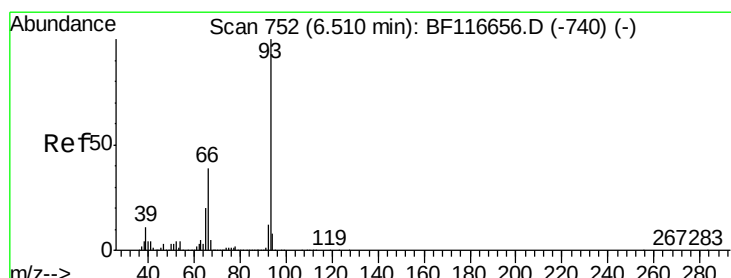
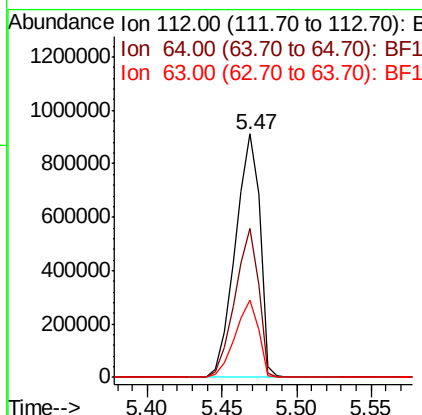
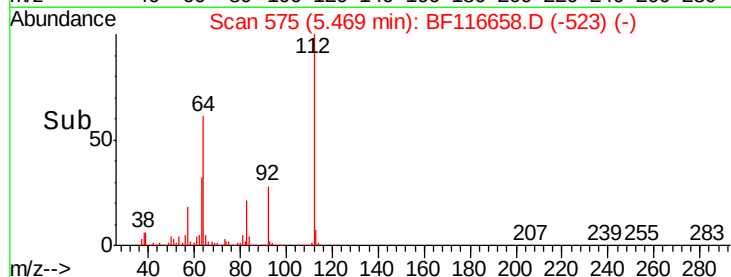
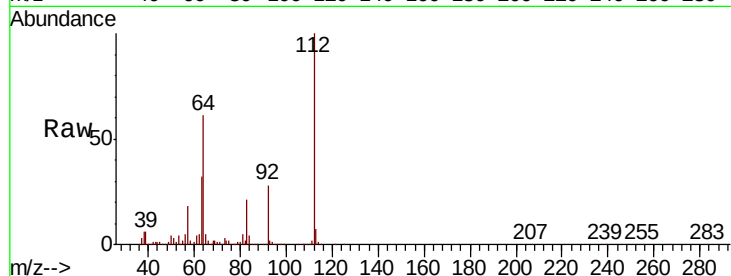
ClientSampleId :

SSTDICC060

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 1054668 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 61.2  | 47.1  | 70.7    |
| 63       | 31.9  | 24.9  | 37.3    |

Manual Integrations  
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#6

Aniline

Concen: 52.725 ng

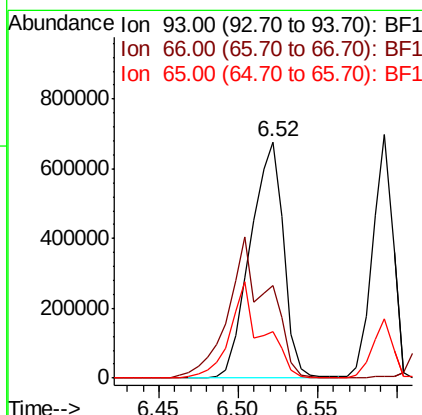
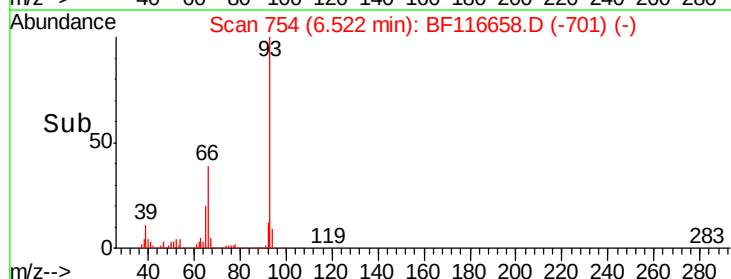
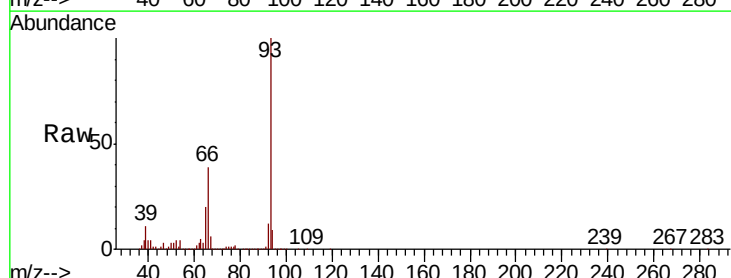
RT: 6.52 min Scan# 754

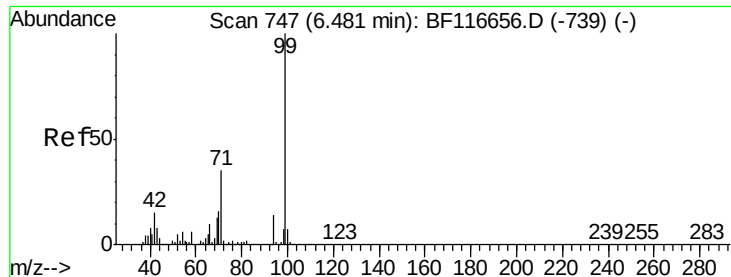
Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 990488 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 38.9  | 32.7  | 49.1   |
| 65       | 19.7  | 16.3  | 24.5   |





#7

Phenol-d6

Concen: 101.619 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1412603

Ion Ratio Lower Upper

99 100

42 16.4 13.7 20.5

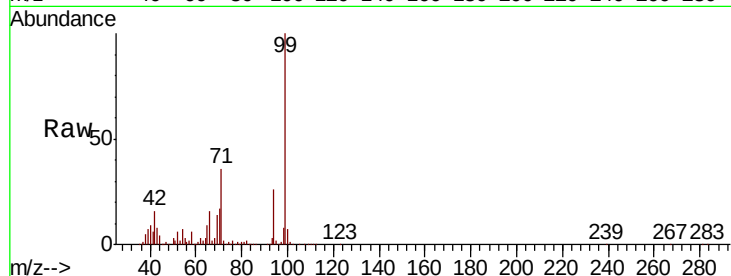
71 35.9 30.8 46.2

Manual Integrations

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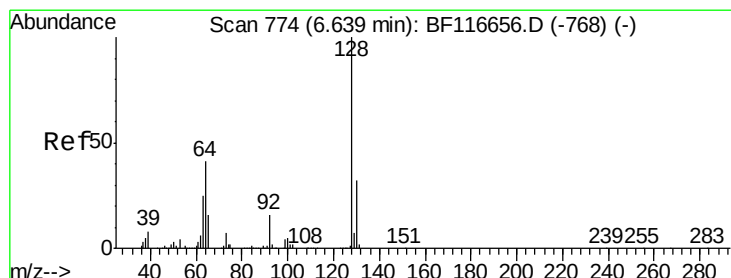
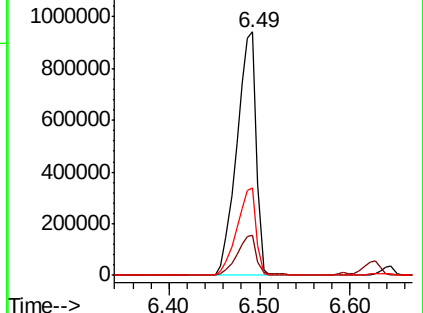
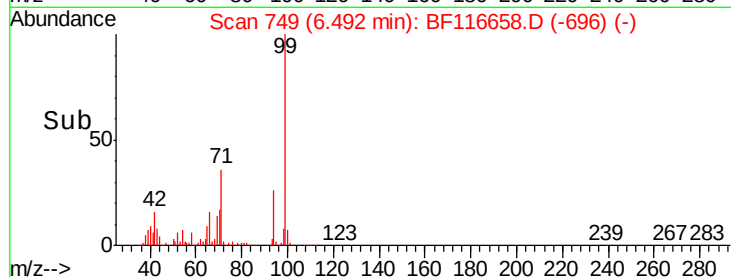
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.328 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

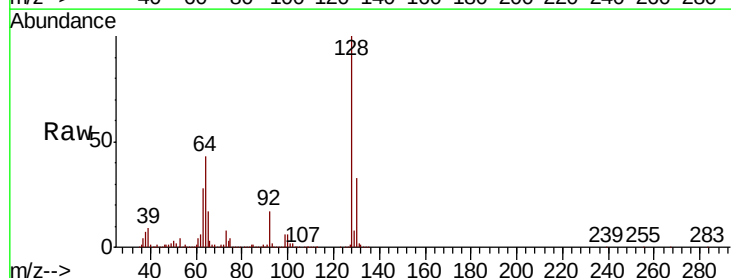
Tgt Ion: 128 Resp: 578710

Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

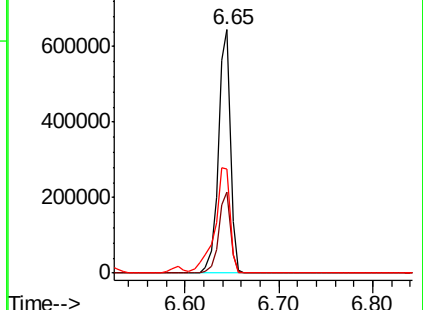
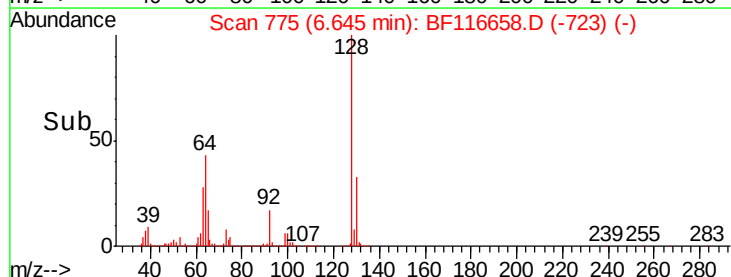
64 43.0 22.5 62.5



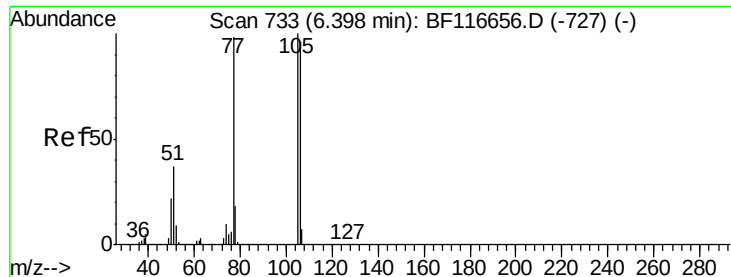
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 48.051 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

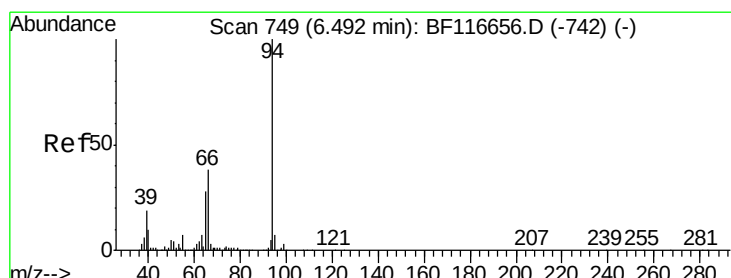
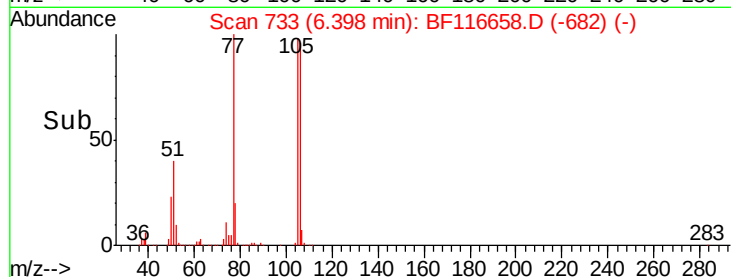
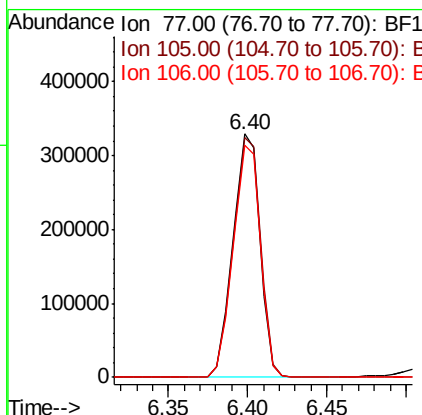
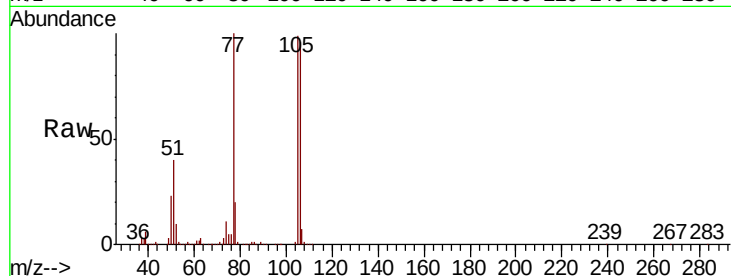
ClientSampleId :

SSTDICC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 387988 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 98.5  | 76.7  | 116.7  |
| 106      | 95.5  | 73.1  | 113.1  |

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#10

Phenol

Concen: 49.757 ng

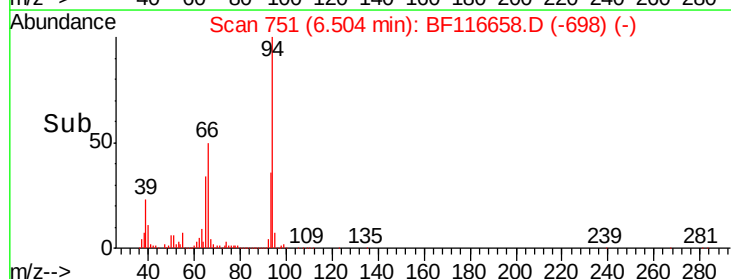
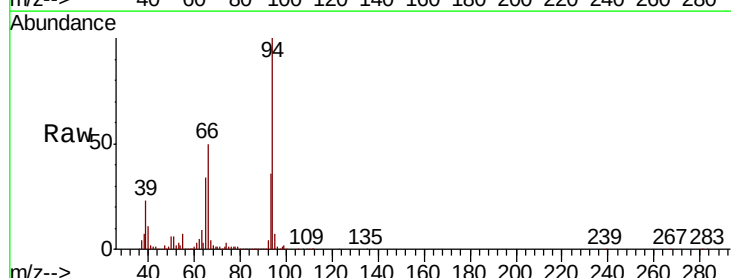
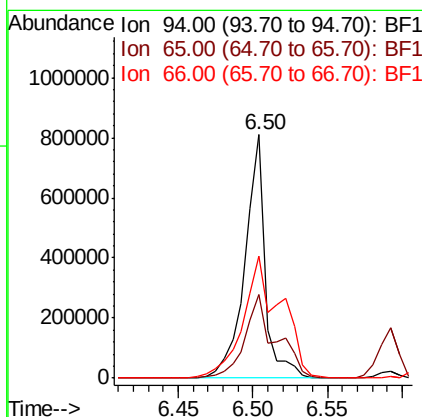
RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

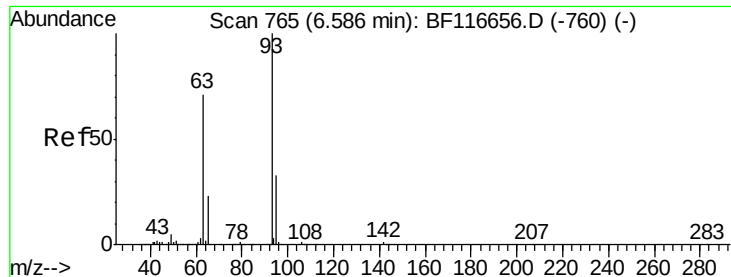
Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 767360 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 34.3  | 10.8  | 50.8   |
| 66       | 50.1  | 21.1  | 61.1   |







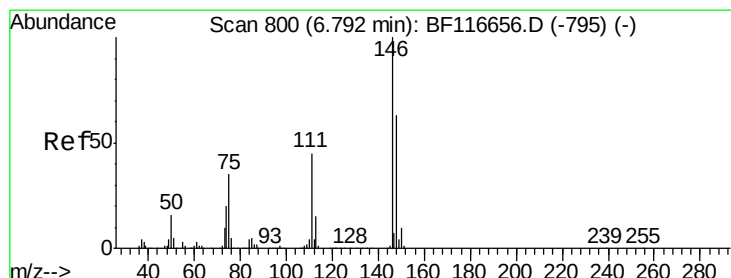
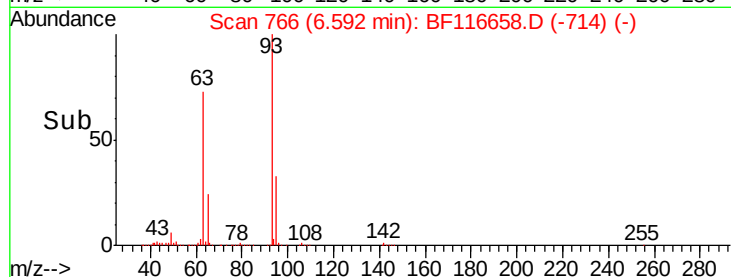
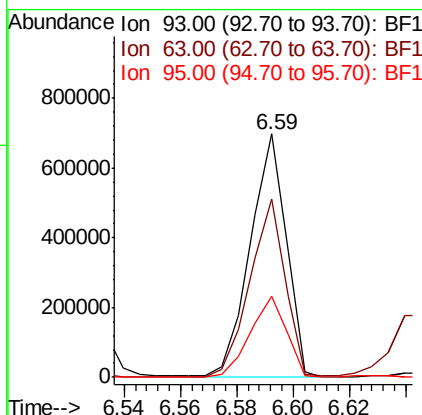
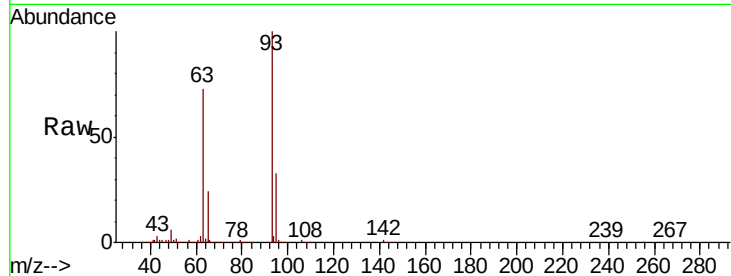
#11  
bis(2-Chloroethyl)ether  
Concen: 52.898 ng  
RT: 6.59 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 615108 |       |       |
| 63      | 73.1 | 49.9  | 89.9   |       |       |
| 95      | 33.5 | 12.7  | 52.7   |       |       |

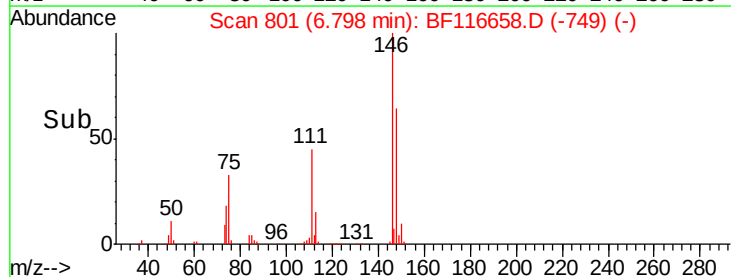
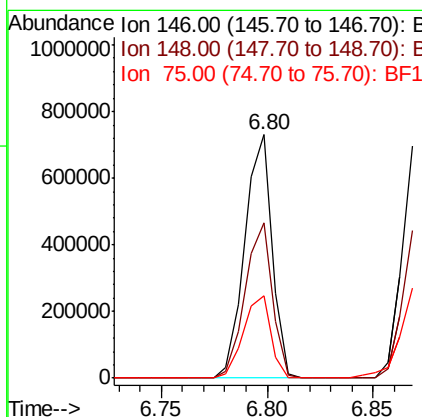
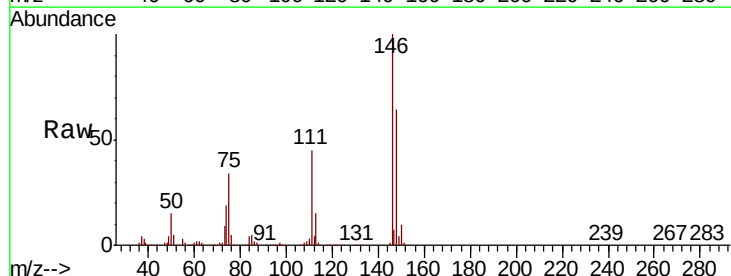
Manual Integrations  
APPROVED

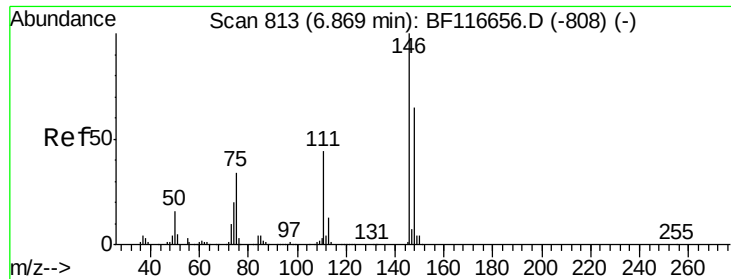
mohammad  
8/31/2019 2:45:15 PM



#12  
1,3-Dichlorobenzene  
Concen: 54.029 ng  
RT: 6.80 min Scan# 801  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 656191 |       |       |
| 148     | 63.9 | 51.4  | 77.0   |       |       |
| 75      | 33.7 | 29.6  | 44.4   |       |       |





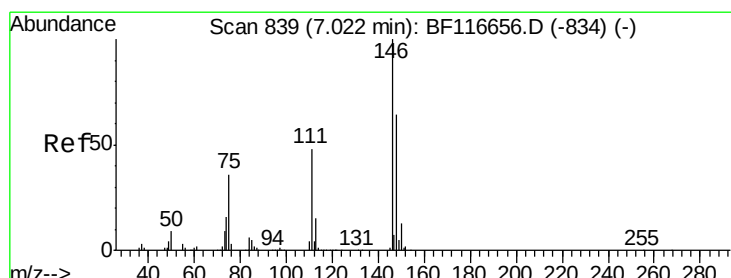
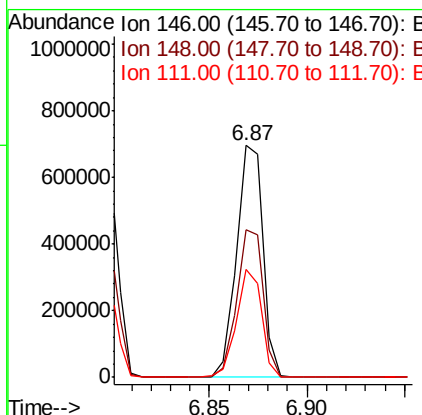
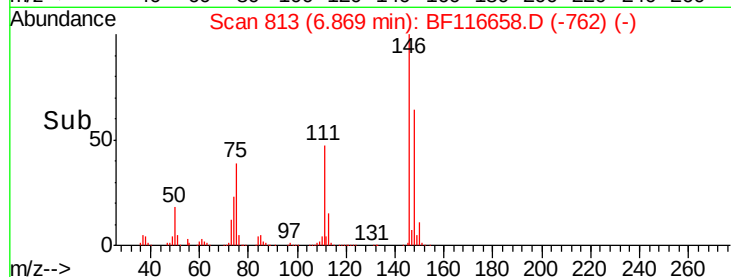
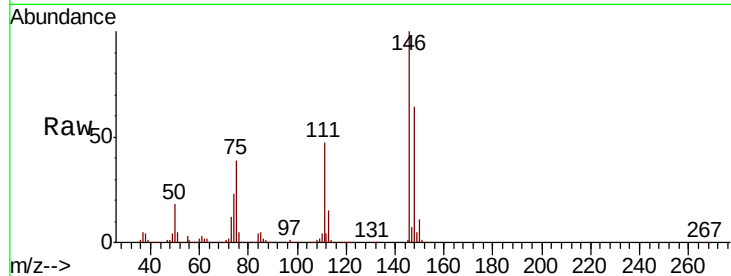
#13  
 1,4-Dichlorobenzene  
 Concen: 55.716 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. 0.00 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 51.4  | 77.2  |
| 111     | 46.7  | 34.8  | 52.2  |

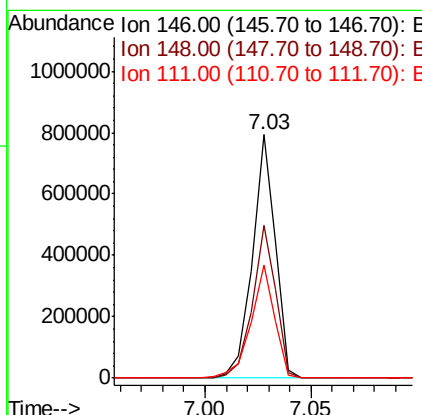
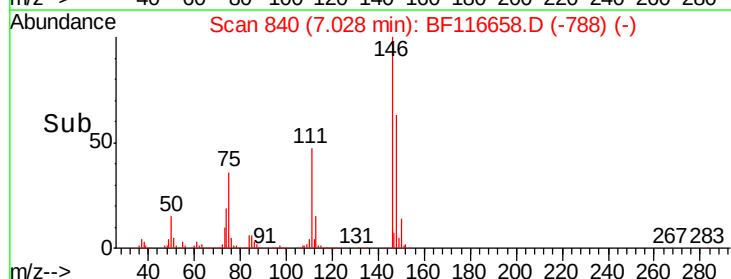
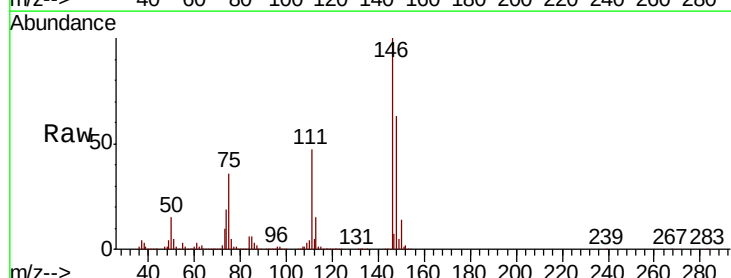
Manual Integrations  
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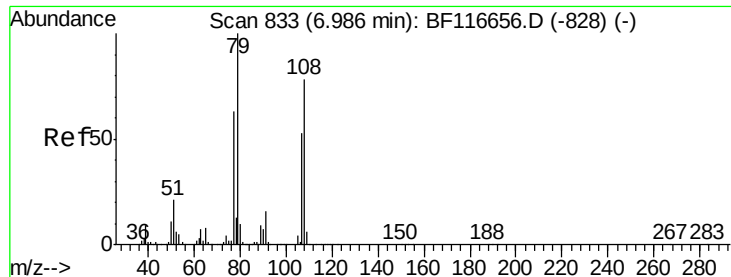
mohammad  
 8/31/2019 2:45:15 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 57.868 ng  
 RT: 7.03 min Scan# 840  
 Delta R.T. 0.01 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 52.6  | 78.8  |
| 111     | 46.6  | 34.2  | 51.4  |





#15

Benzyl Alcohol

Concen: 62.121 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

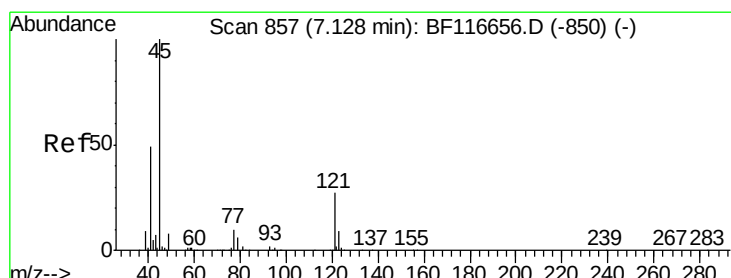
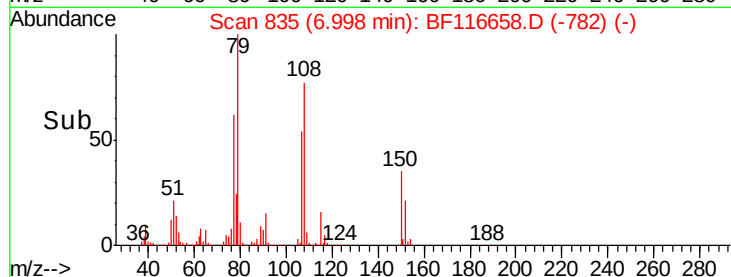
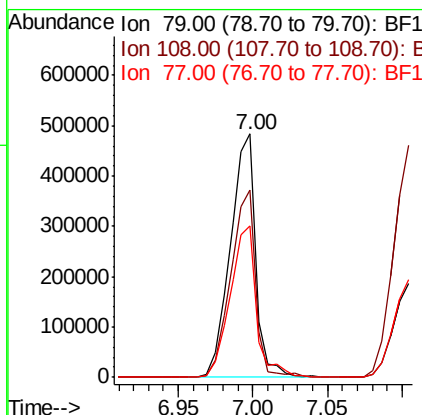
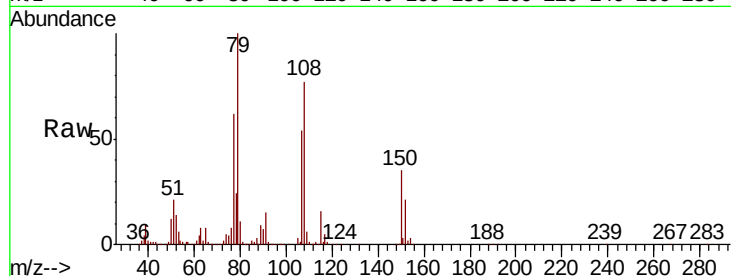
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 579280 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.1  | 59.2  | 88.8   |
| 77        | 62.3  | 53.0  | 79.4   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 64.212 ng

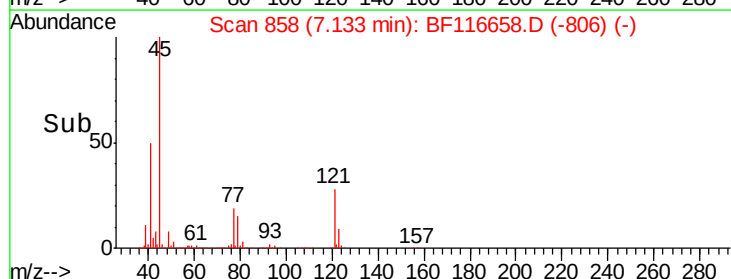
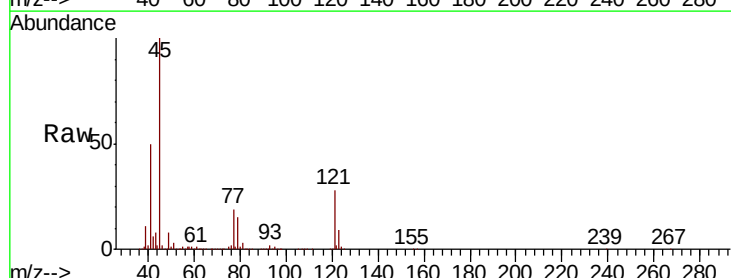
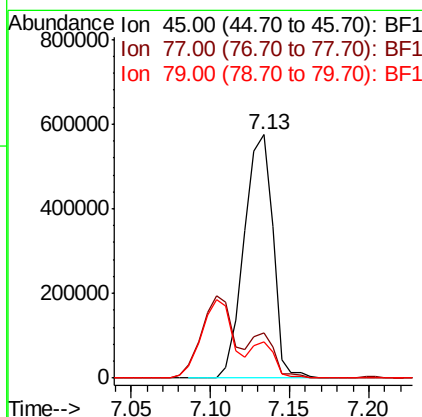
RT: 7.13 min Scan# 858

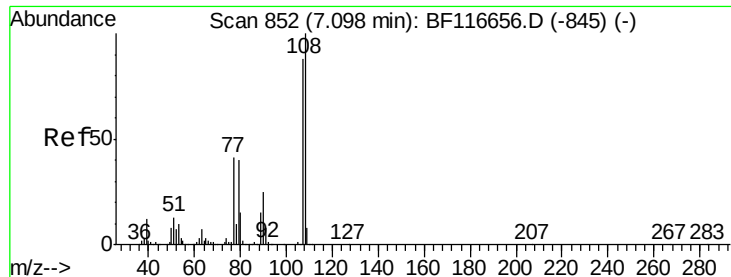
Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 726170 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 18.7  | 0.0   | 38.2   |
| 79        | 14.9  | 0.0   | 33.9   |





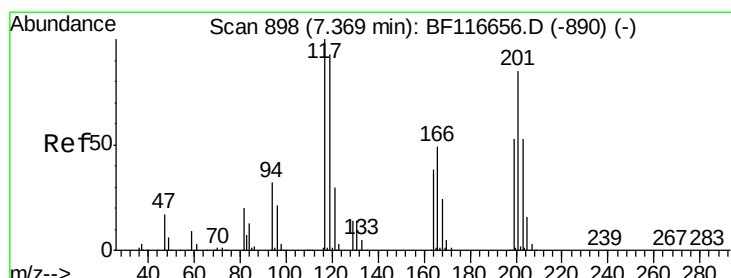
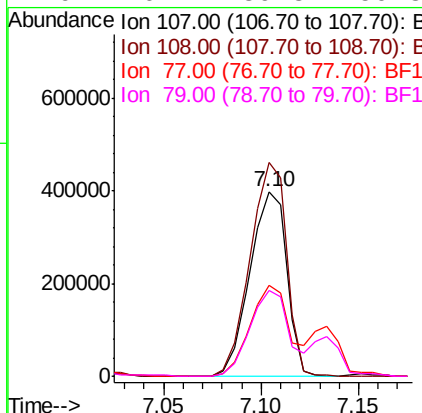
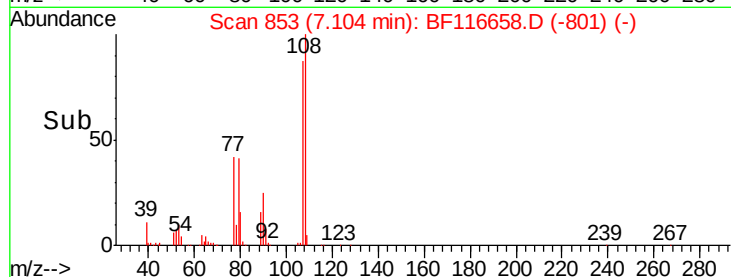
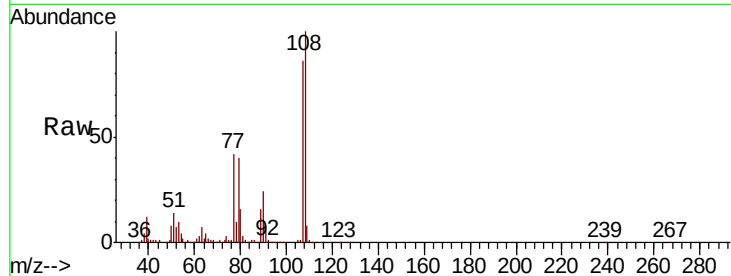
#17  
2-Methylphenol  
Concen: 63.345 ng  
RT: 7.10 min Scan# 853  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 115.6 | 88.3 | 132.5 |       |
| 77      | 48.9  | 39.9 | 59.9  |       |
| 79      | 46.7  | 39.8 | 59.8  |       |

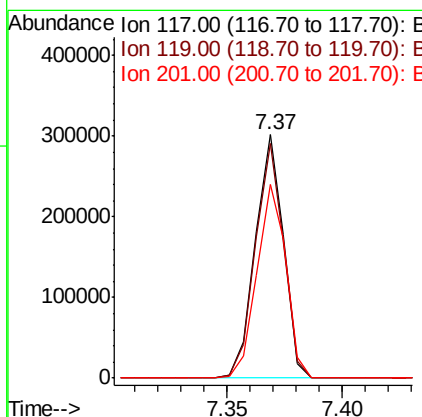
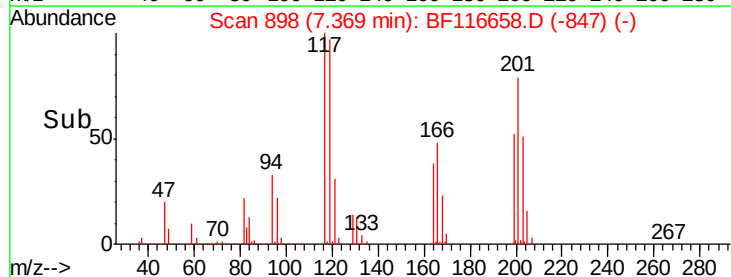
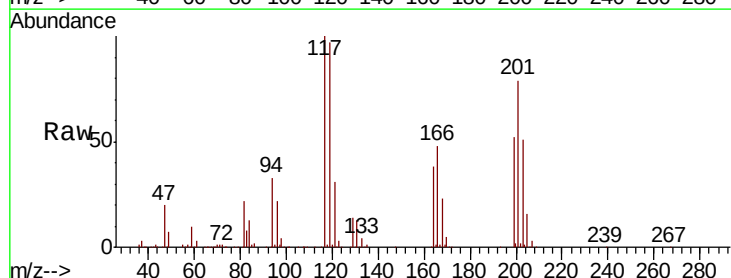
Manual Integrations  
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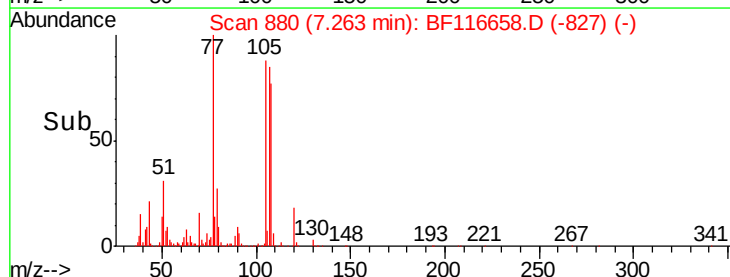
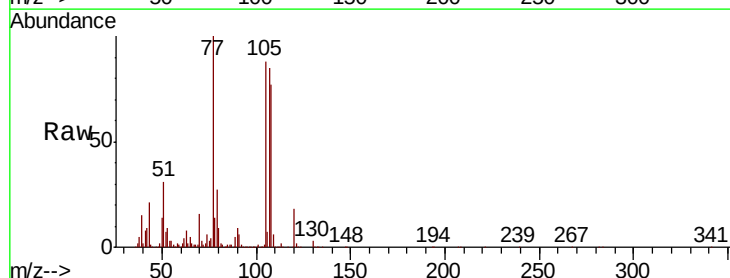
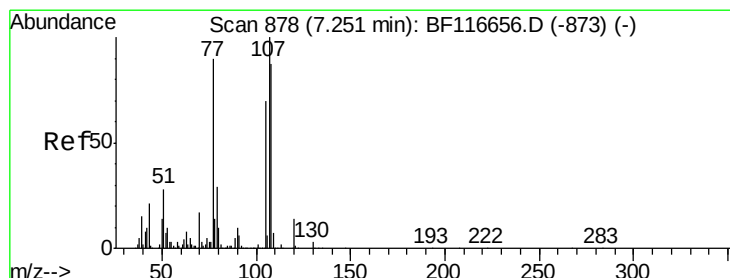
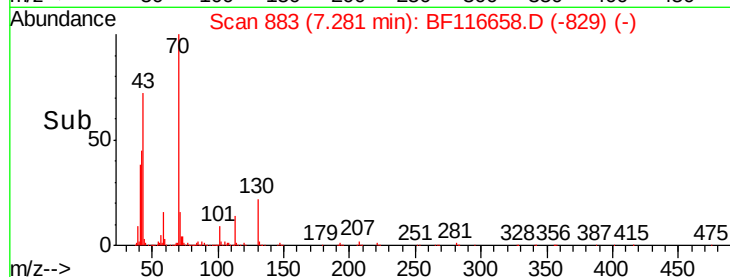
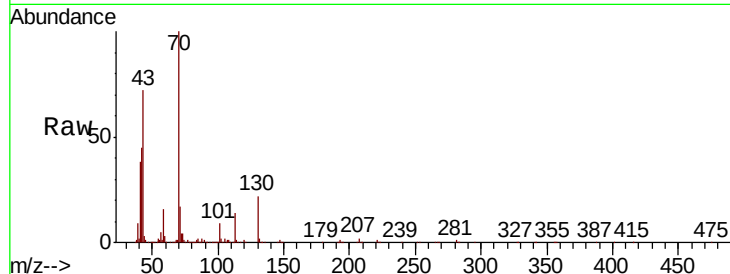
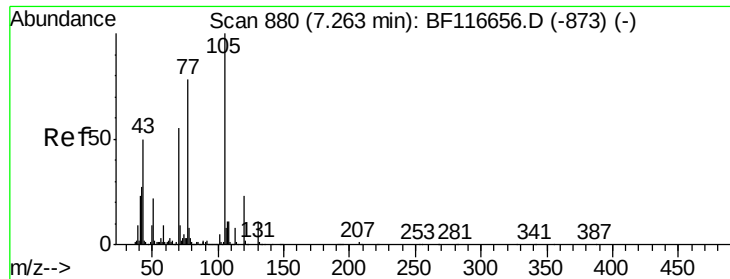
mohammad  
8/31/2019 2:45:15 PM



#18  
Hexachloroethane  
Concen: 62.216 ng  
RT: 7.37 min Scan# 898  
Delta R.T. 0.00 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.5  | 76.9 | 115.3 |       |
| 201     | 79.4  | 79.4 | 119.0 |       |





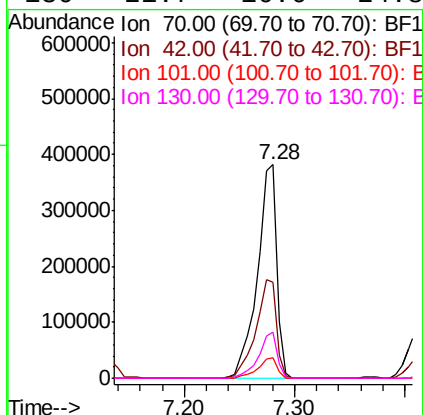
#19  
n-Nitroso-di-n-propylamine  
Concen: 65.139 ng  
RT: 7.28 min Scan# 883  
Delta R.T. 0.02 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 44.9  | 43.5  | 65.3  |
| 101     | 9.5   | 7.8   | 11.6  |
| 130     | 21.7  | 16.6  | 24.8  |

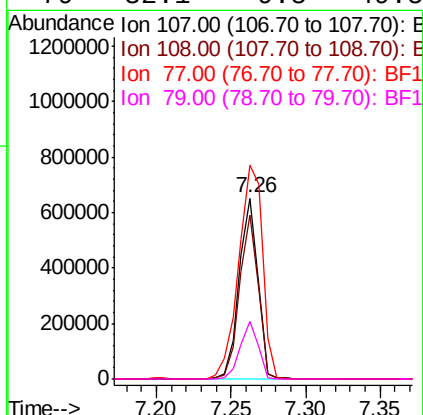
Manual Integrations  
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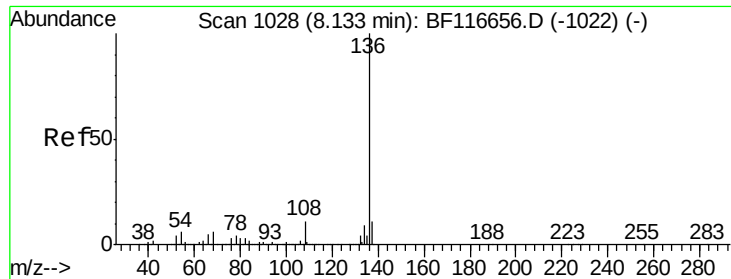
mohammad  
8/31/2019 2:45:15 PM



#20  
3+4-Methylphenols  
Concen: 55.840 ng  
RT: 7.26 min Scan# 880  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 90.7  | 65.5  | 105.5  |
| 77      | 118.1 | 69.4  | 109.4# |
| 79      | 32.1  | 9.5   | 49.5   |





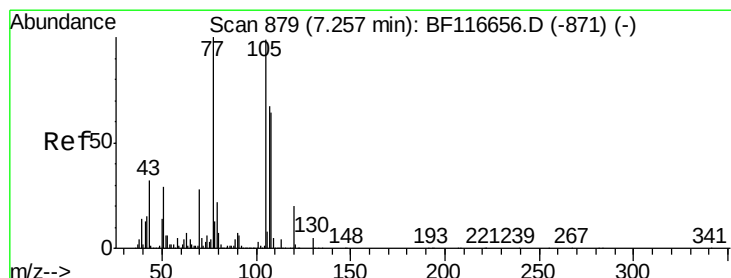
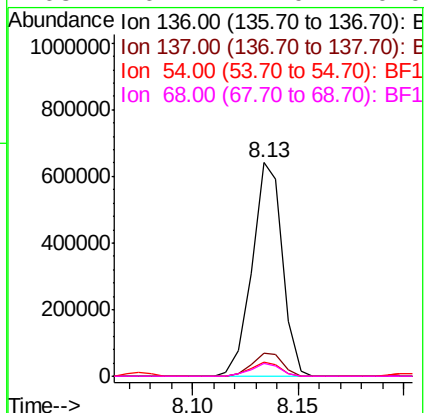
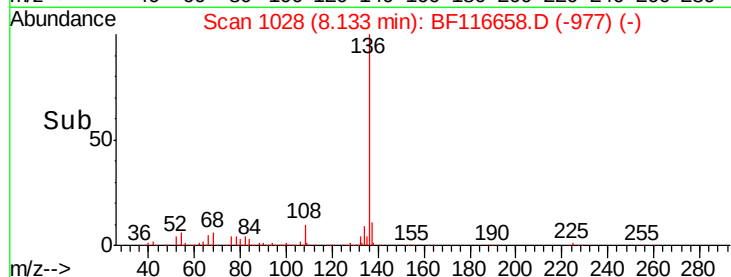
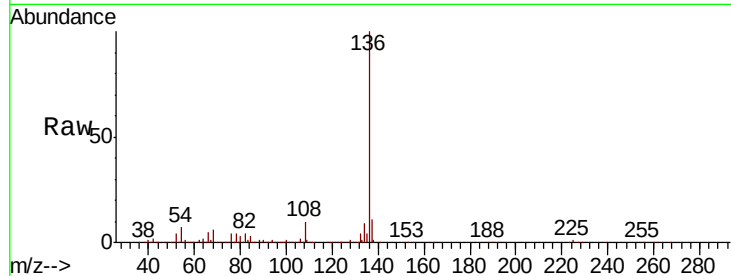
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.13 min Scan# 1028  
Delta R.T. 0.00 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 637134 |       |       |
| 137     | 10.9  | 8.9    | 13.3  |       |
| 54      | 6.6   | 4.8    | 7.2   |       |
| 68      | 6.1   | 4.0    | 6.0   |       |

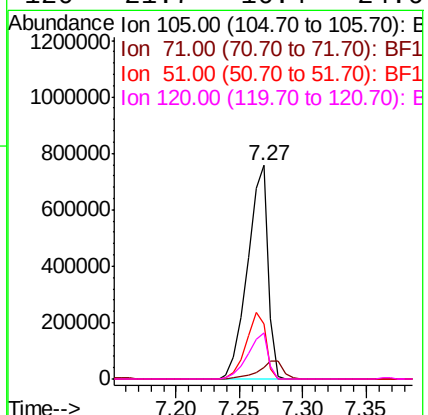
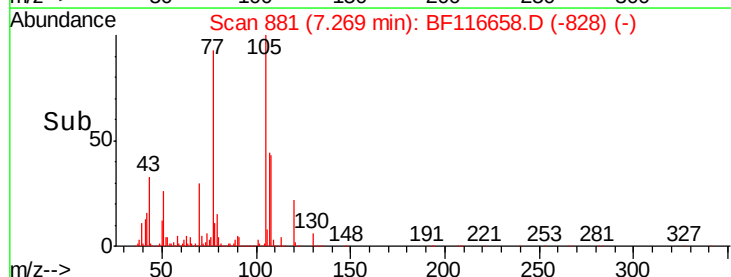
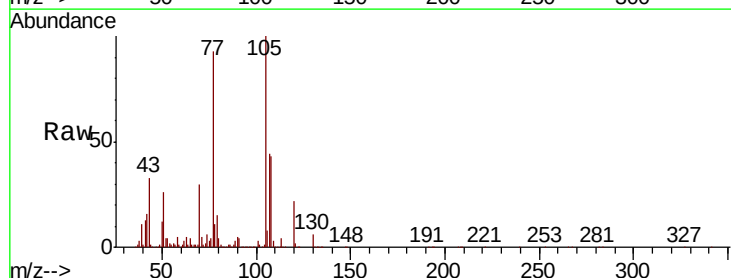
Manual Integrations  
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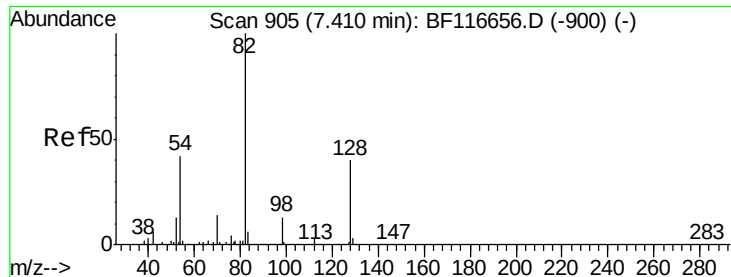
mohammad  
8/31/2019 2:45:15 PM



#22  
Acetophenone  
Concen: 47.155 ng  
RT: 7.27 min Scan# 881  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 847798 |       |       |
| 71      | 5.4   | 4.2    | 6.4   |       |
| 51      | 25.7  | 25.8   | 38.8  |       |
| 120     | 21.7  | 16.4   | 24.6  |       |





#23

Nitrobenzene-d5

Concen: 109.702 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

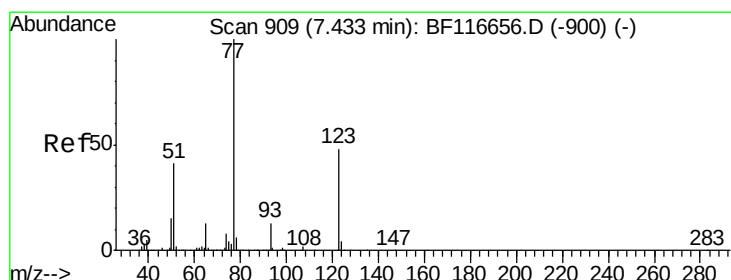
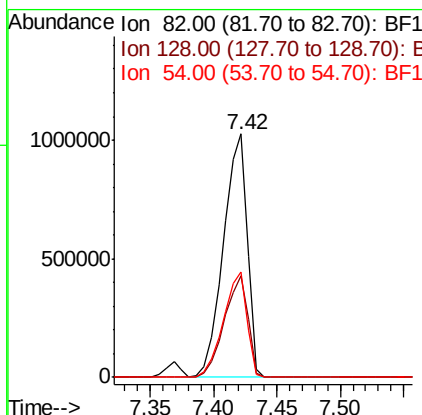
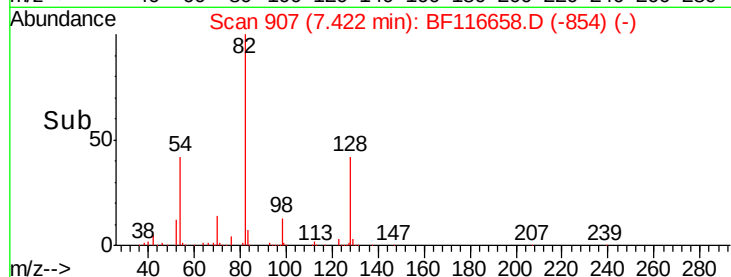
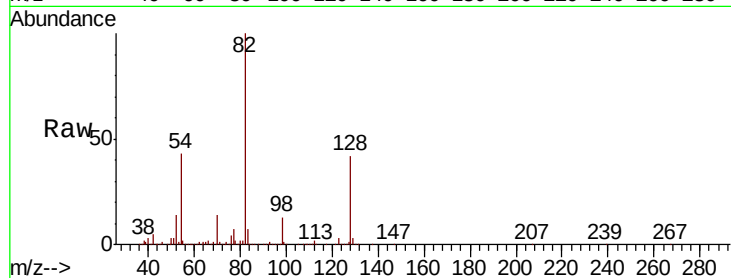
ClientSampleId :

SSTDICC060

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 82    | Resp: | 1328154 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 41.7  | 32.8  | 49.2    |
| 54       | 43.0  | 36.9  | 55.3    |

Manual Integrations  
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#24

Nitrobenzene

Concen: 55.004 ng

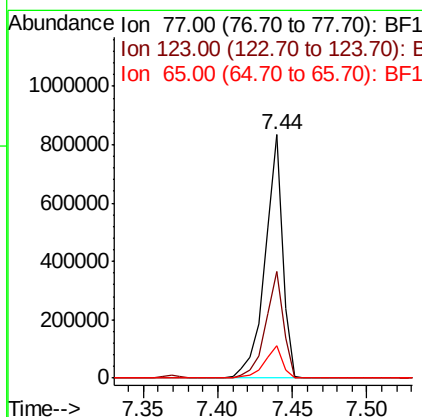
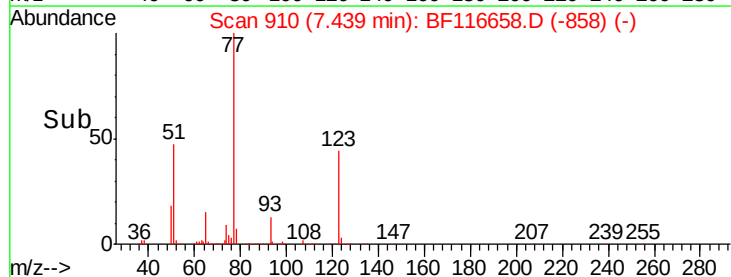
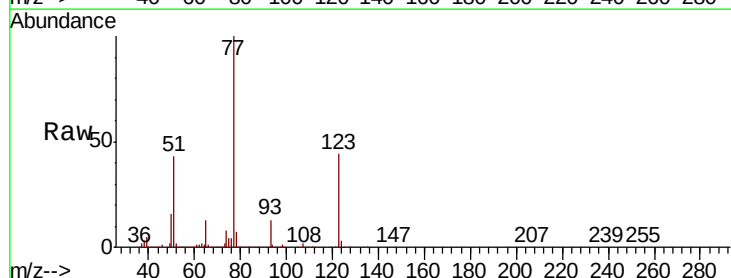
RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

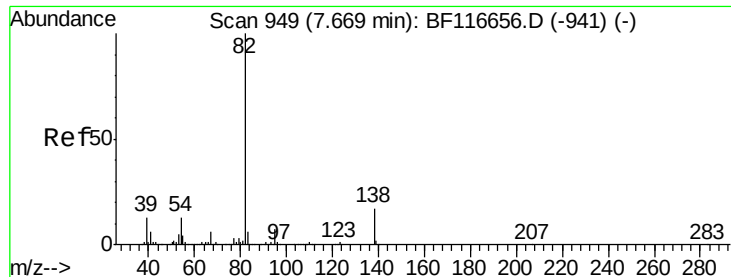
Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 666554 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 44.0  | 33.1  | 49.7   |
| 65       | 13.2  | 10.6  | 15.8   |







#25

Isophorone

Concen: 60.332 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

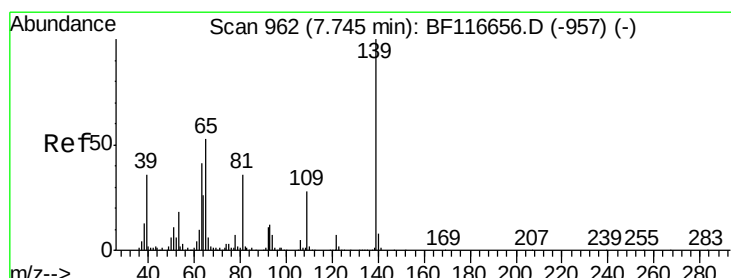
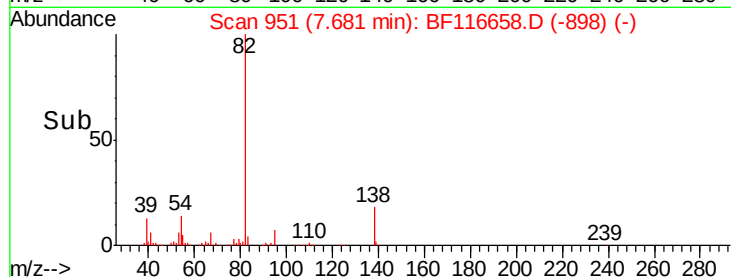
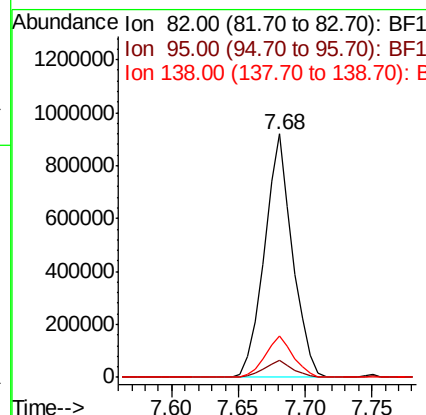
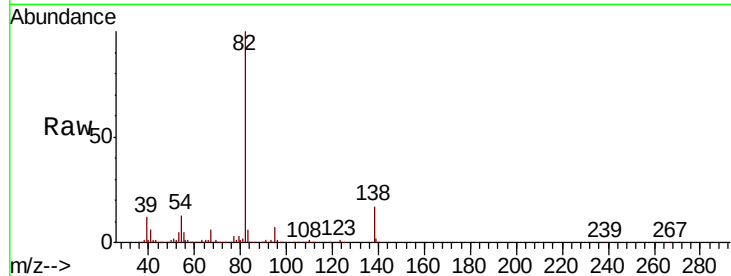
ClientSampleId :

SSTDICC060

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 82    | Resp: | 1321742 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 95       | 7.1   | 5.8   | 8.6     |
| 138      | 17.0  | 13.5  | 20.3    |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 49.490 ng

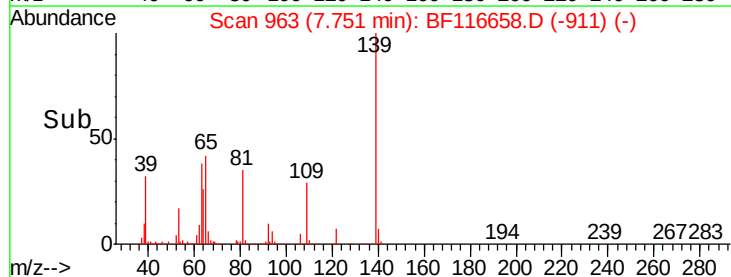
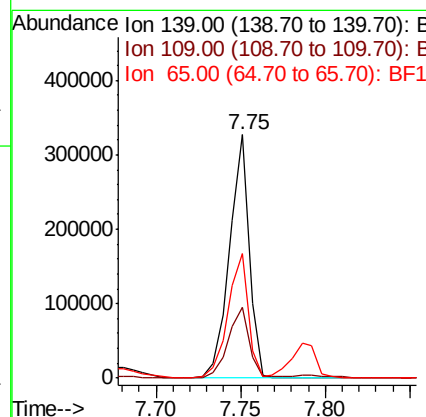
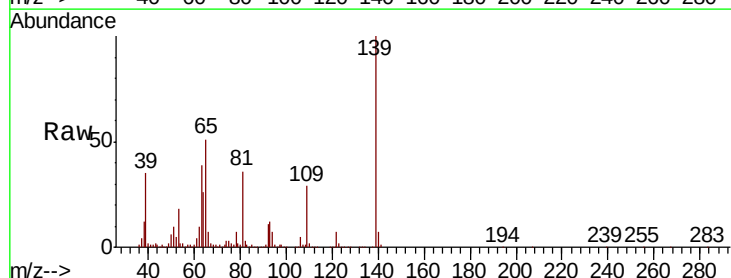
RT: 7.75 min Scan# 963

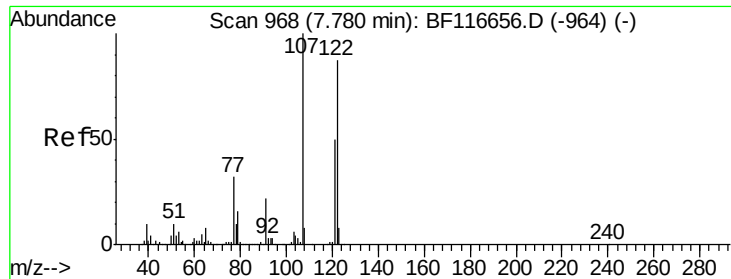
Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 266562 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 29.2  | 27.1  | 40.7   |
| 65       | 51.1  | 43.0  | 64.6   |





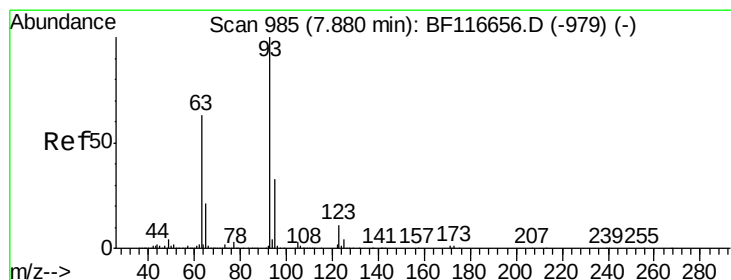
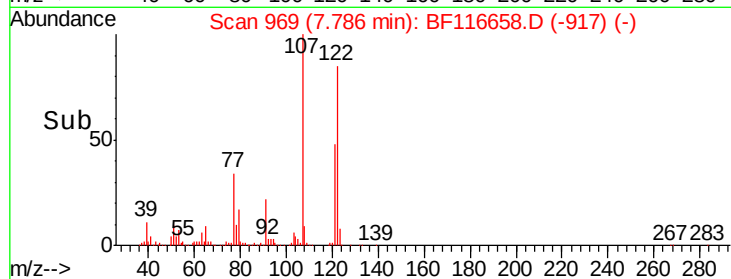
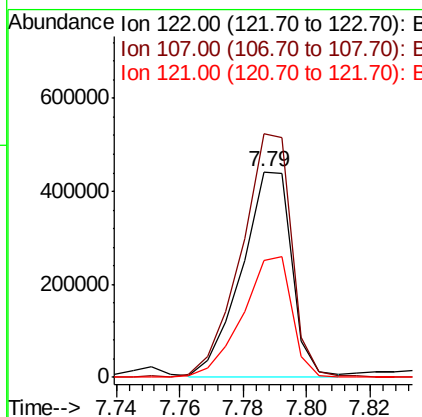
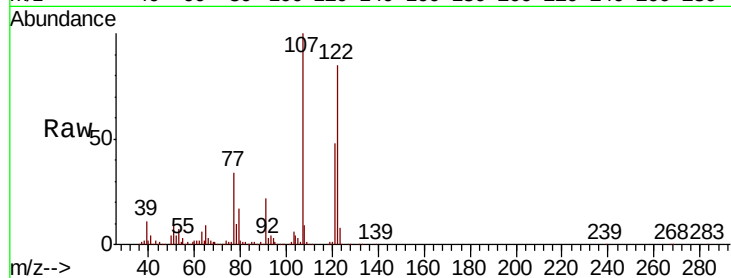
#27  
 2,4-Dimethylphenol  
 Concen: 57.179 ng  
 RT: 7.79 min Scan# 969  
 Delta R.T. 0.01 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 107     | 118.3 | 98.1 | 147.1 |       |
| 121     | 57.0  | 47.3 | 70.9  |       |

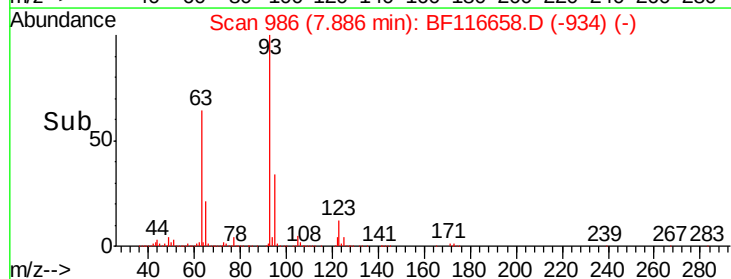
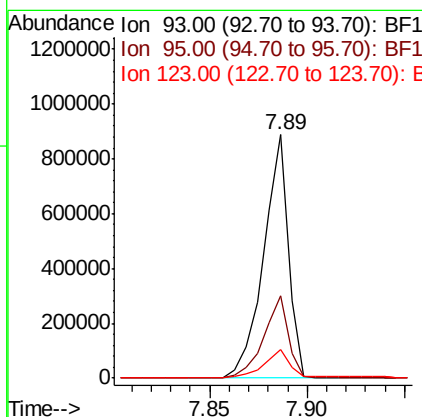
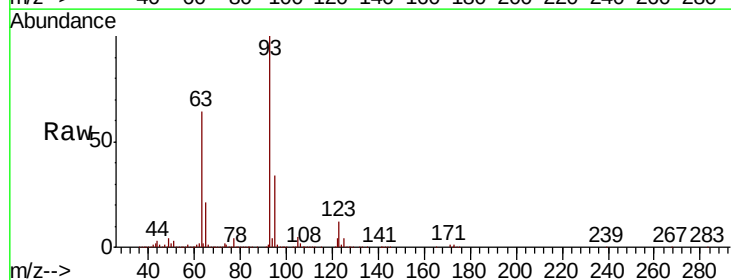
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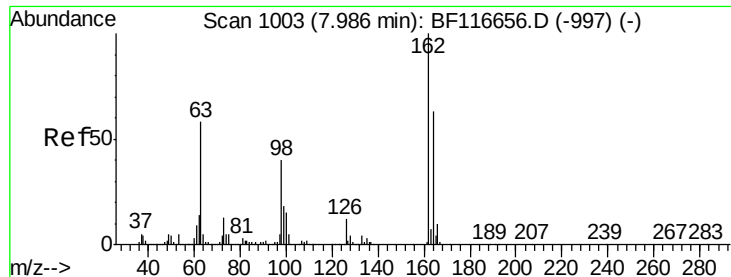
mohammad  
 8/31/2019 2:45:15 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 57.653 ng  
 RT: 7.89 min Scan# 986  
 Delta R.T. 0.01 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 95      | 33.8  | 26.4 | 39.6  |       |
| 123     | 11.6  | 9.8  | 14.8  |       |





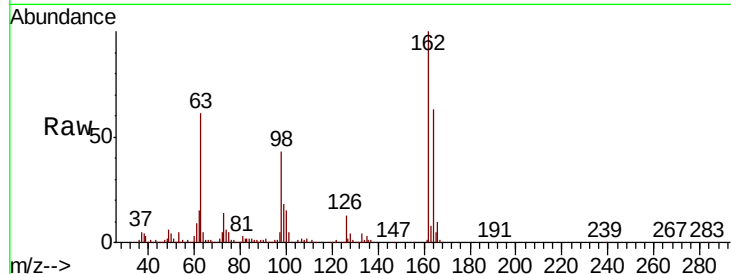
#29  
2,4-Dichlorophenol  
Concen: 52.242 ng  
RT: 7.99 min Scan# 1004  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 470977 |       |       |
| 164     | 63.3  | 43.4   | 83.4  |       |
| 98      | 42.5  | 18.1   | 58.1  |       |

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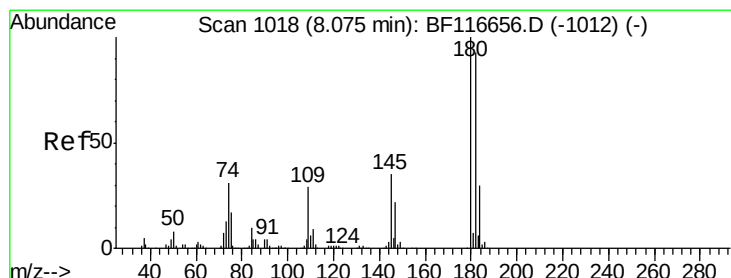
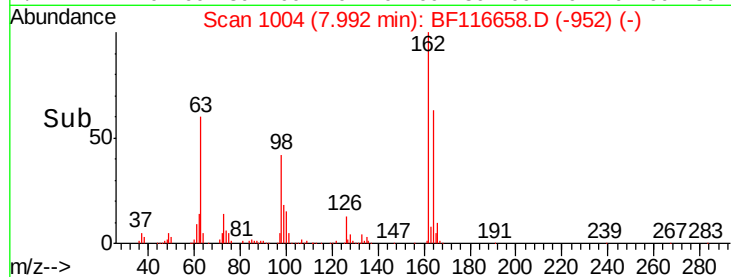
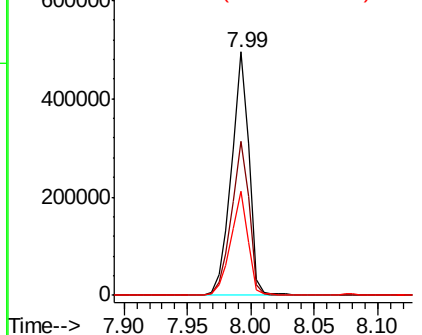


Abundance

Ion 162.00 (161.70 to 162.70): E

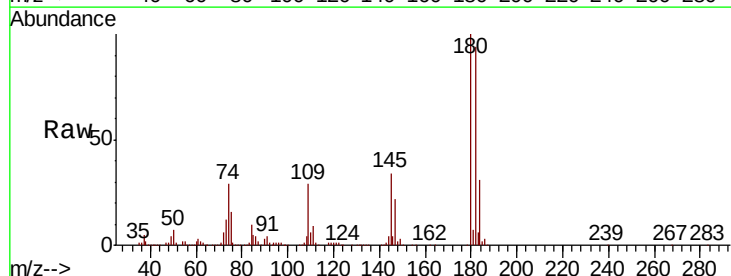
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 48.101 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 499114 |       |       |
| 182     | 94.5  | 78.6   | 118.0 |       |
| 145     | 33.8  | 25.7   | 38.5  |       |

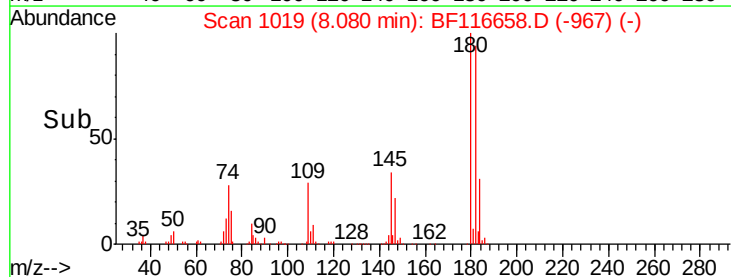
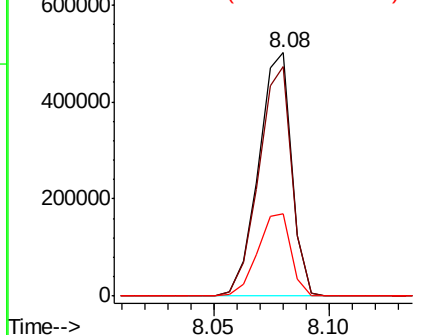


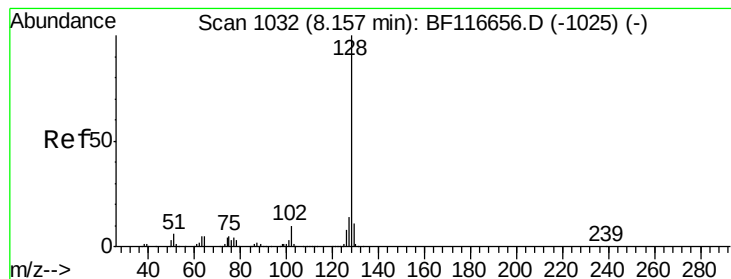
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 52.110 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:128 Resp: 1683393

Ion Ratio Lower Upper

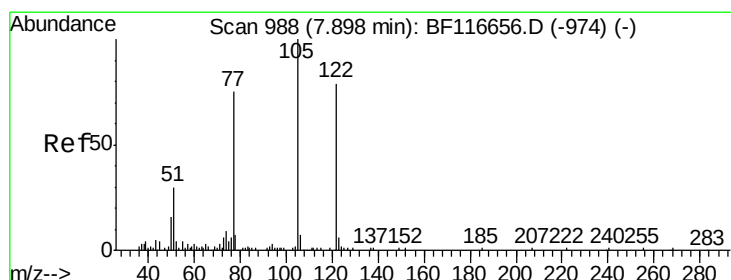
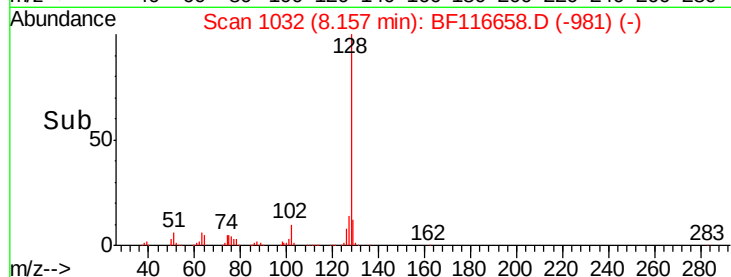
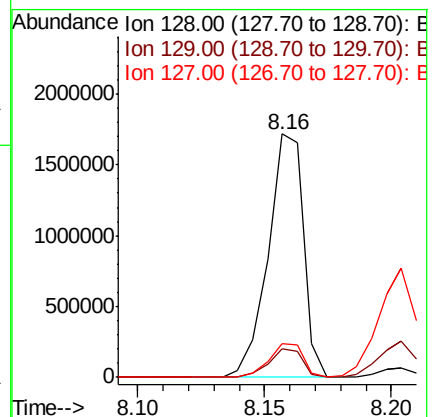
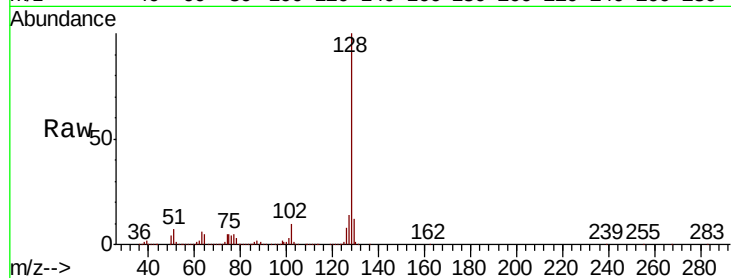
128 100

129 11.9 8.6 13.0

127 13.9 10.4 15.6

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#32

Benzoic acid

Concen: 47.170 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.04 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

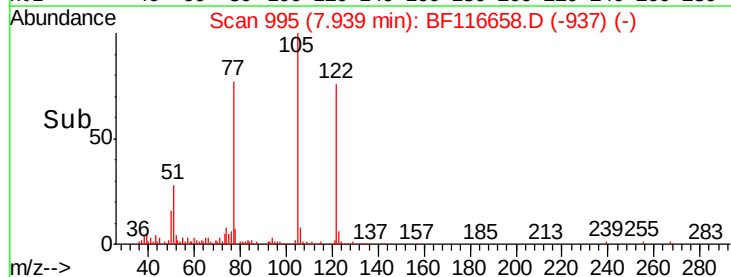
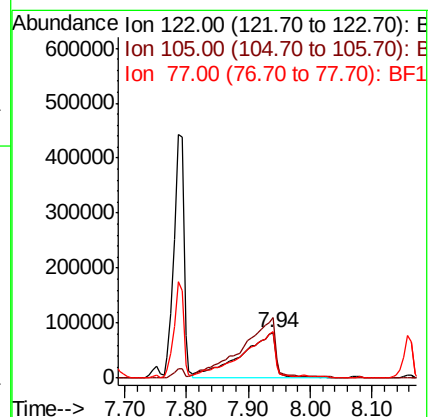
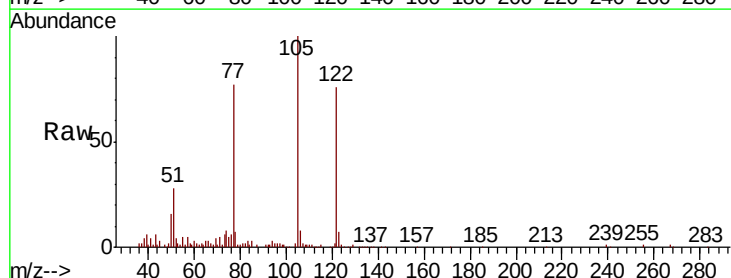
Tgt Ion:122 Resp: 324631

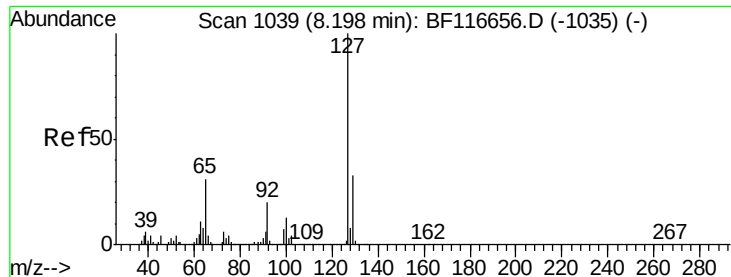
Ion Ratio Lower Upper

122 100

105 131.3 110.0 150.0

77 100.6 81.7 121.7





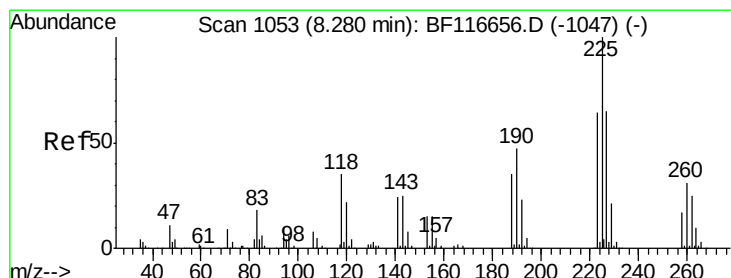
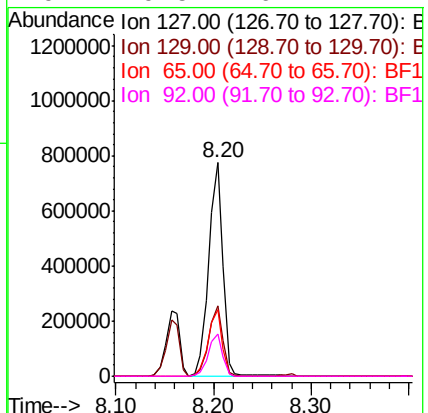
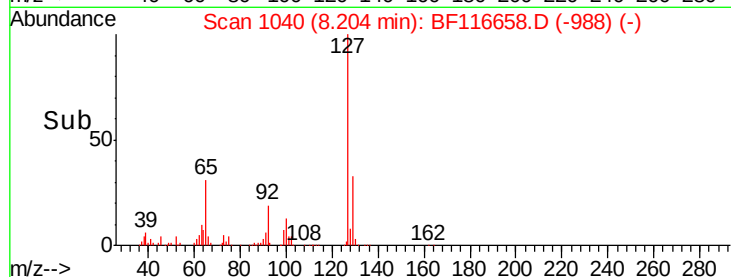
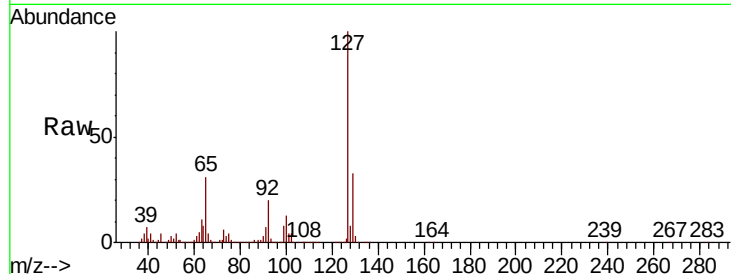
#33  
4-Chloroaniline  
Concen: 56.977 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.8 | 26.2  | 39.2 |       |       |
| 65      | 31.2 | 26.0  | 39.0 |       |       |
| 92      | 19.5 | 16.1  | 24.1 |       |       |

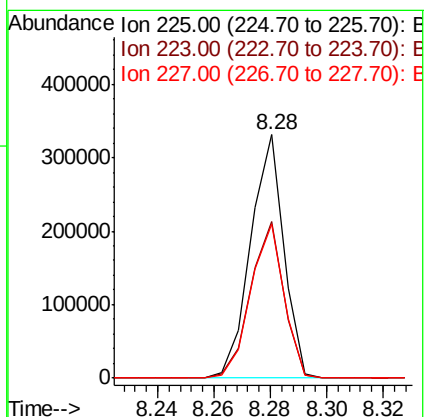
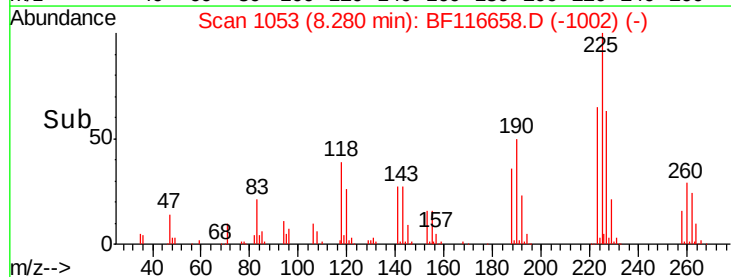
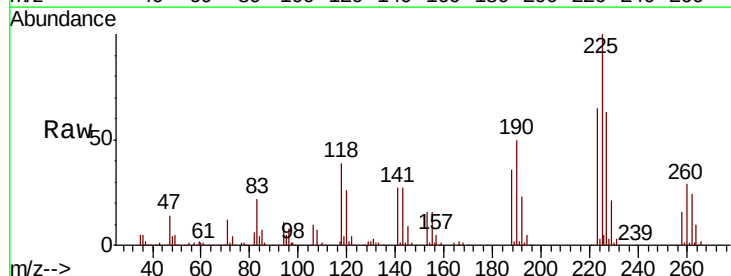
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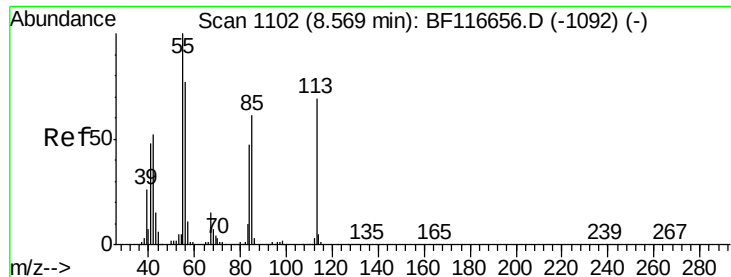
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 45.434 ng  
RT: 8.28 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 64.5 | 49.4  | 74.2 |       |       |
| 227     | 63.5 | 51.0  | 76.4 |       |       |





#35

Caprolactam

Concen: 62.130 ng/mL

RT: 8.60 min Scan# 1107

Delta R.T. 0.03 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

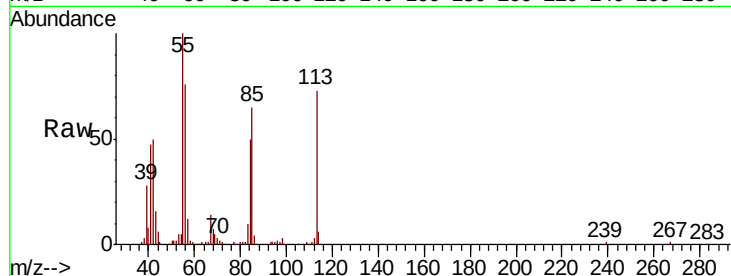
ClientSampleId :

SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 177455 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 136.9 | 124.3 | 164.3  |
| 56        | 104.5 | 94.6  | 134.6  |

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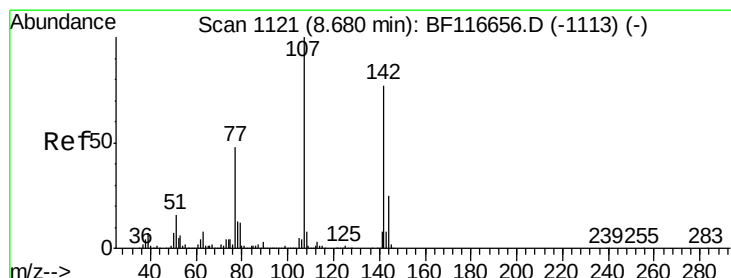
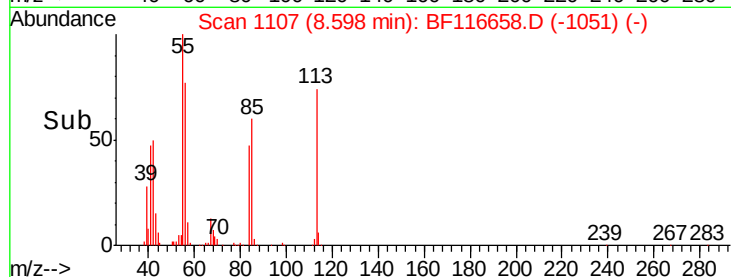
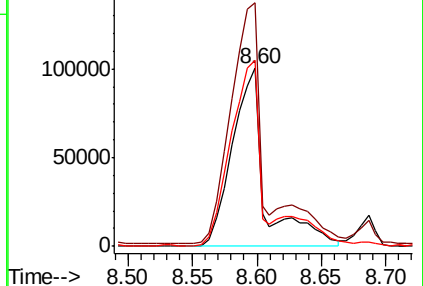
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 54.637 ng/mL

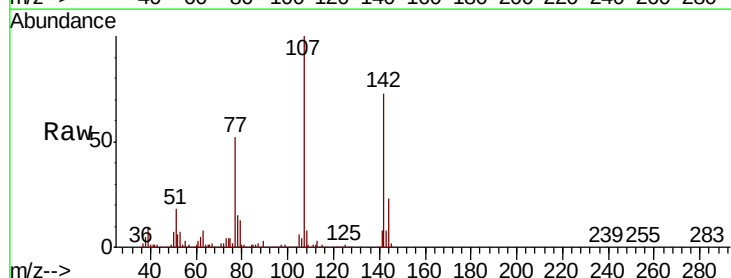
RT: 8.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

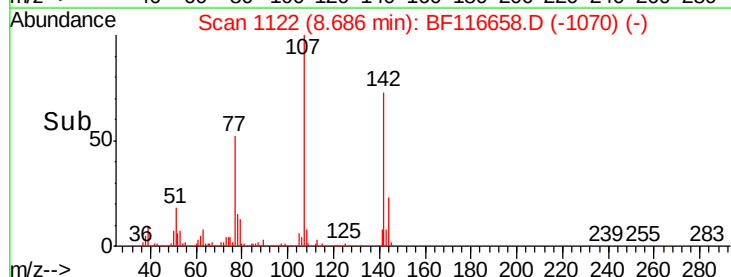
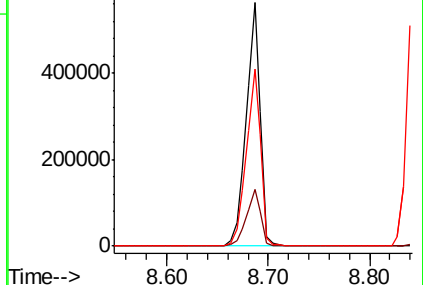
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 544462 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 23.4  | 18.6  | 27.8   |
| 142       | 73.0  | 58.5  | 87.7   |

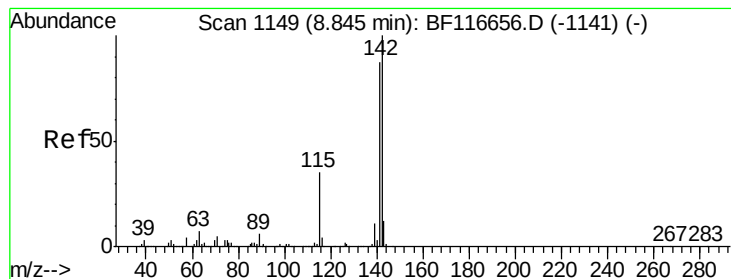


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 52.562 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:142 Resp: 1121678

Ion Ratio Lower Upper

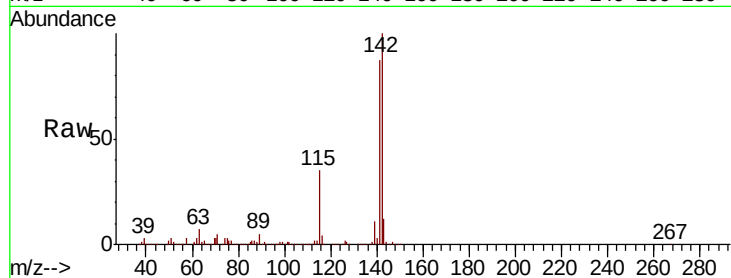
142 100

141 86.7 72.6 109.0

115 34.7 29.8 44.6

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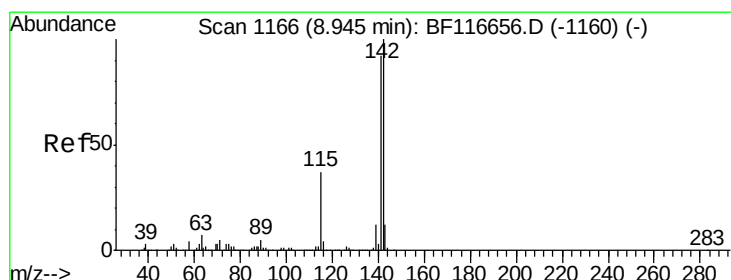
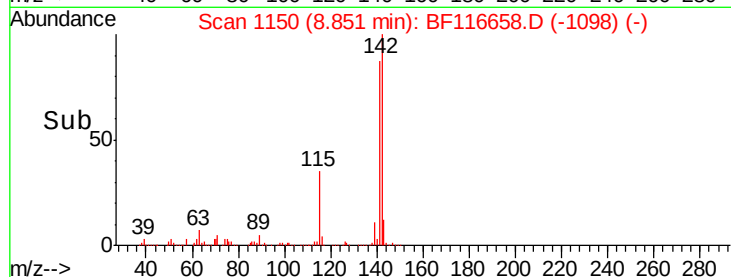
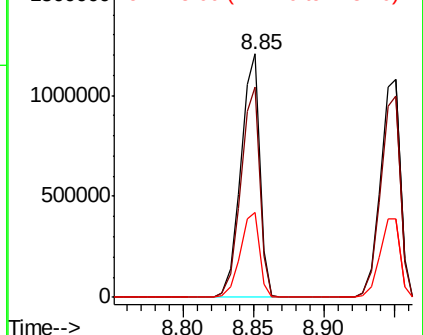


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 52.688 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

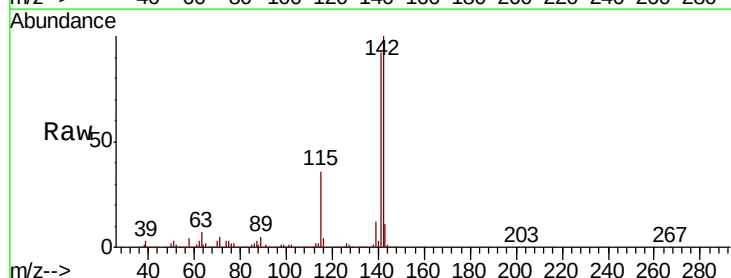
Tgt Ion:142 Resp: 1058154

Ion Ratio Lower Upper

142 100

141 92.4 73.9 110.9

116 3.8 3.0 4.6

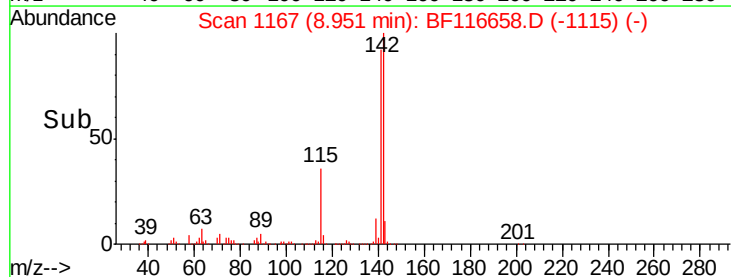
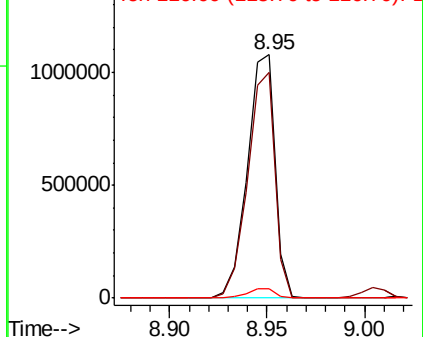


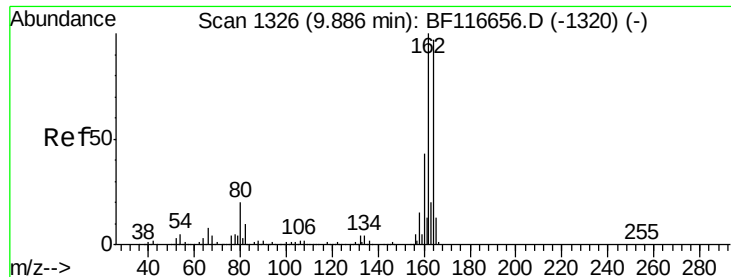
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

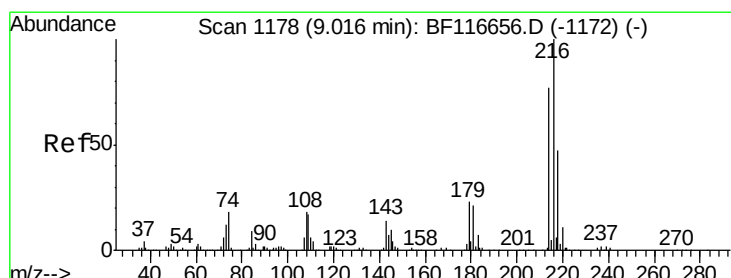
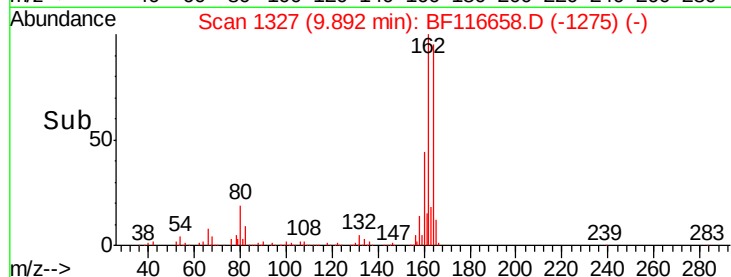
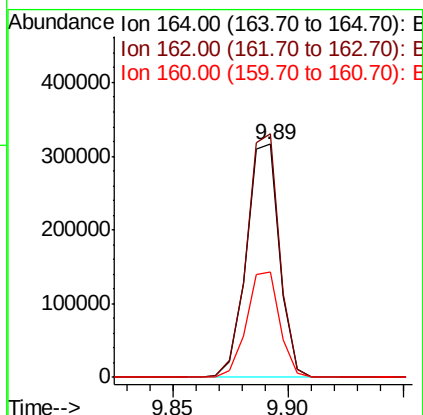
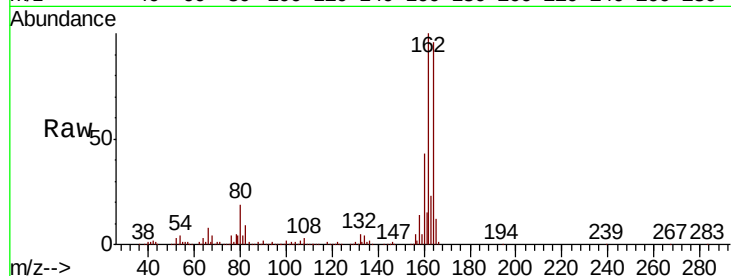
ClientSampleId :

SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 316527 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 104.6 | 81.4  | 122.0  |
| 160       | 45.5  | 35.4  | 53.2   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.143 ng

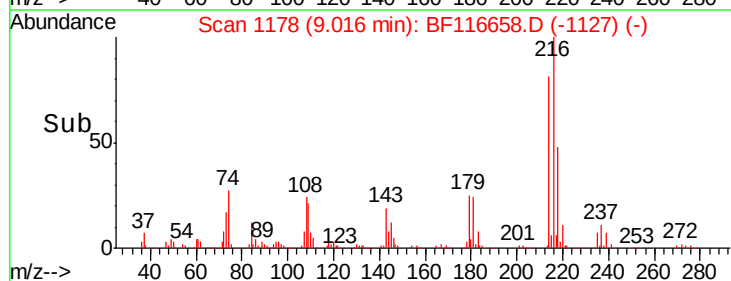
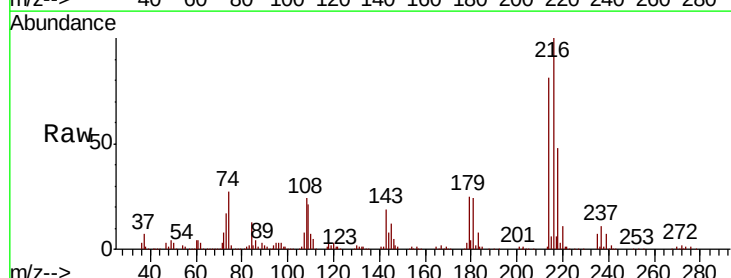
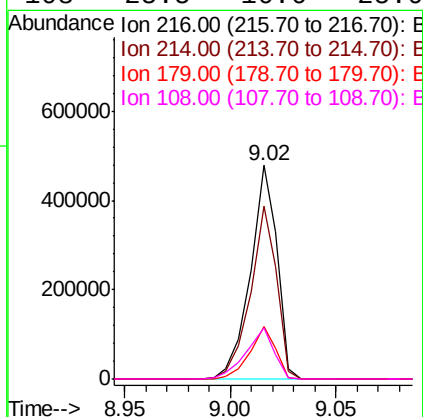
RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

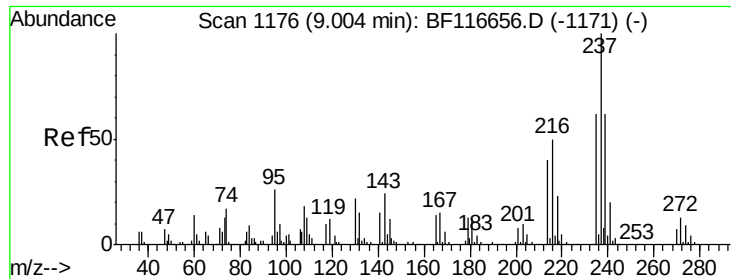
Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 420317 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.5  | 62.7  | 94.1   |
| 179       | 23.9  | 19.3  | 28.9   |
| 108       | 25.5  | 16.6  | 25.0#  |







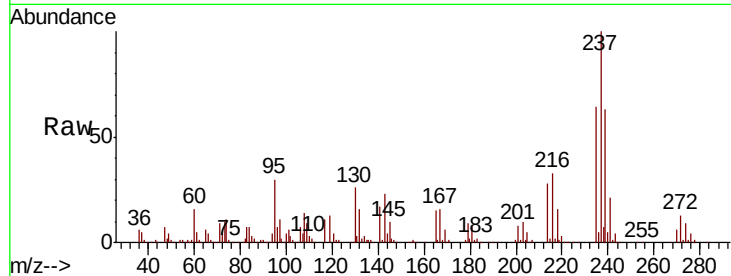
#41  
Hexachlorocyclopentadiene  
Concen: 40.910 ng  
RT: 9.00 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

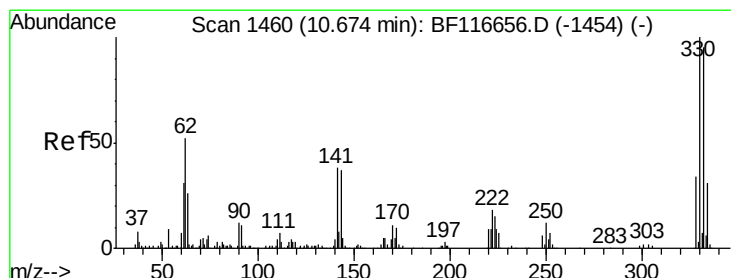
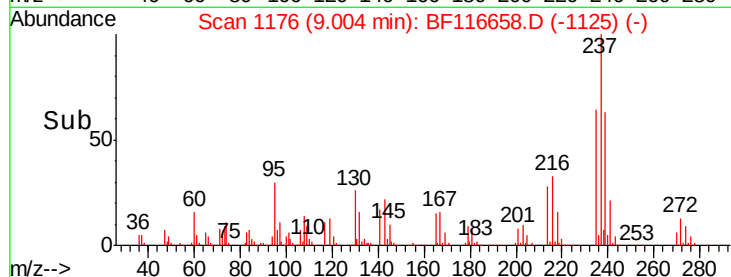
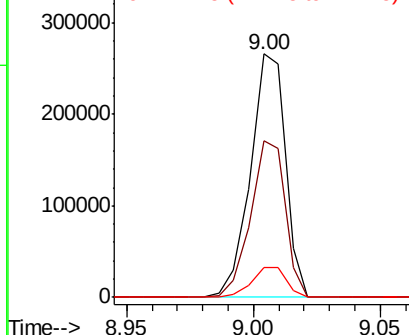
| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 64.3  | 41.4       | 81.4       |
| 272     | 12.5  | 0.0        | 32.8       |

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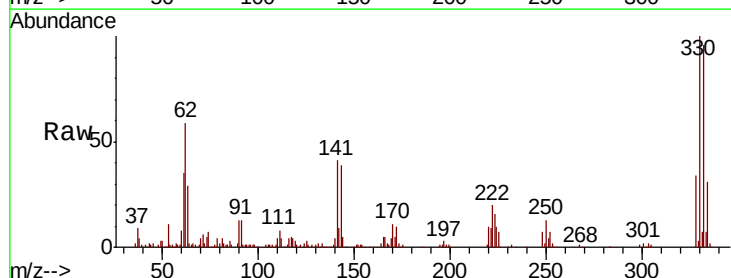


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

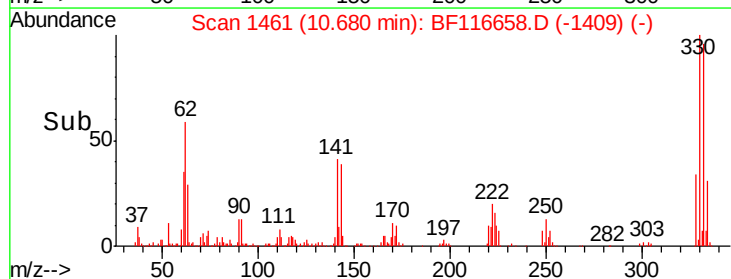
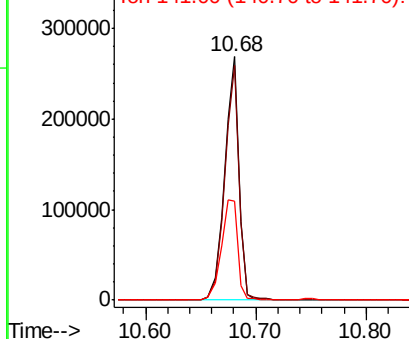


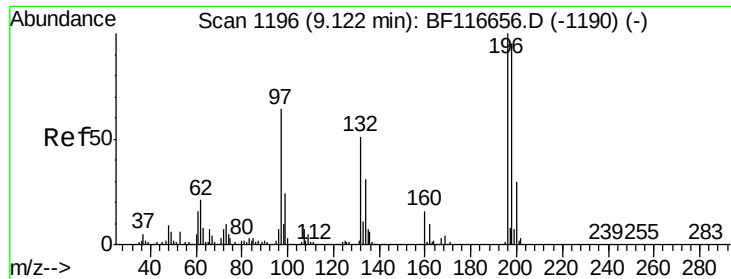
#42  
2,4,6-Tribromophenol  
Concen: 67.227 ng  
RT: 10.68 min Scan# 1461  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 95.9  | 76.9       | 115.3      |
| 141     | 46.7  | 31.4       | 47.2       |



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





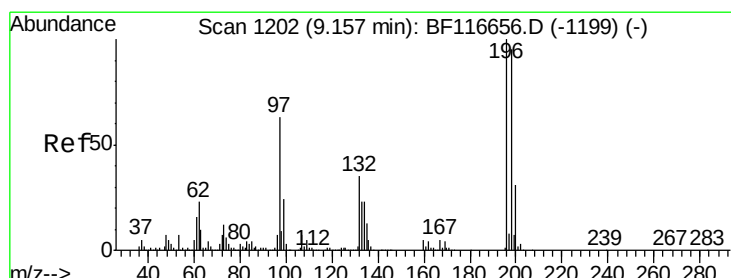
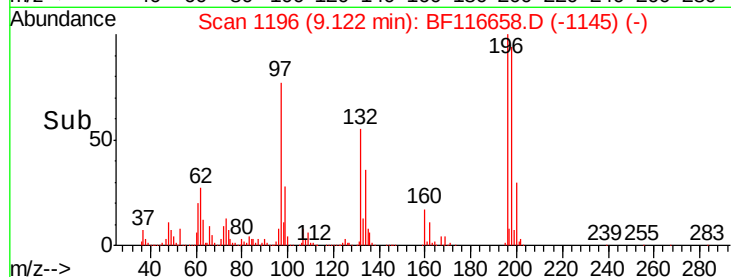
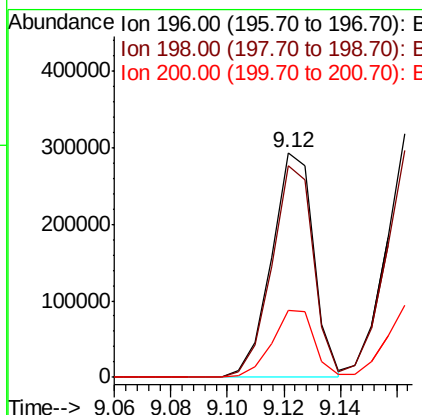
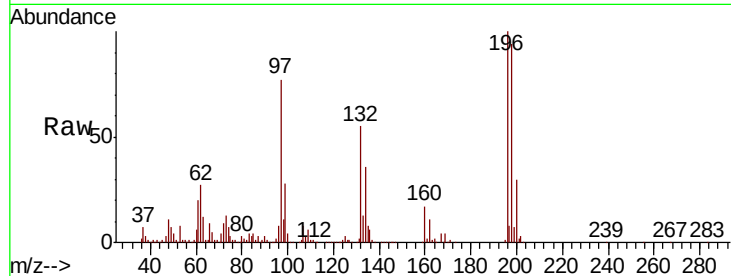
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.833 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. 0.00 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 302875 |       |       |
| 198     | 94.2  | 79.1   | 118.7 |       |
| 200     | 29.8  | 24.0   | 36.0  |       |

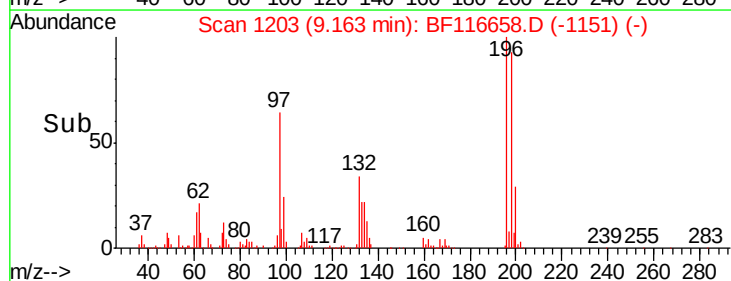
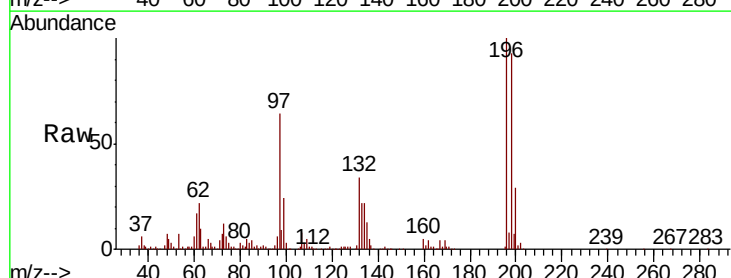
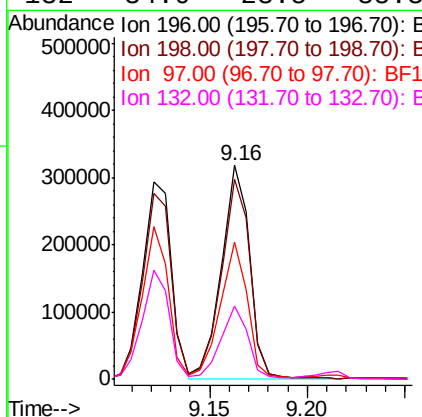
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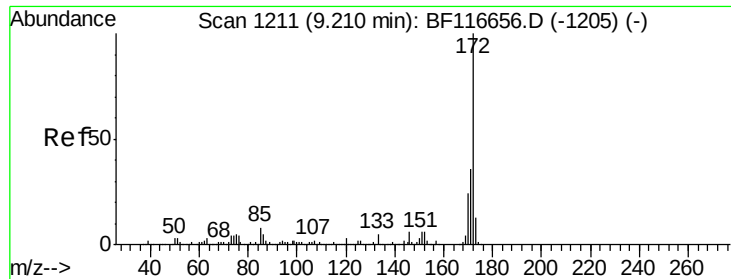
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#44  
 2,4,5-Trichlorophenol  
 Concen: 43.029 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. 0.01 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 316489 |       |       |
| 198     | 93.3  | 78.1   | 117.1 |       |
| 97      | 63.9  | 41.6   | 62.4  |       |
| 132     | 34.0  | 23.5   | 35.3  |       |





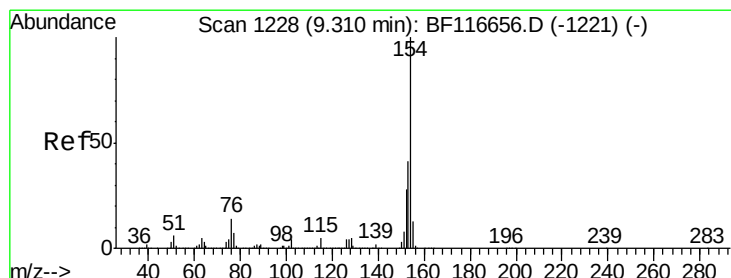
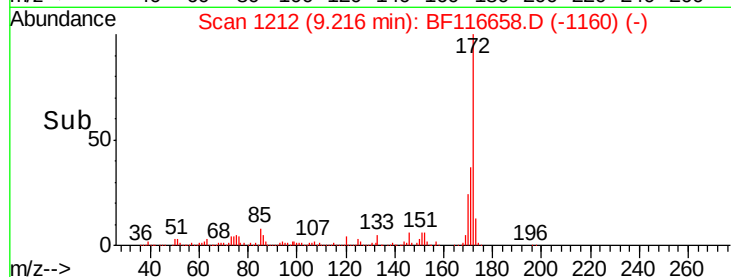
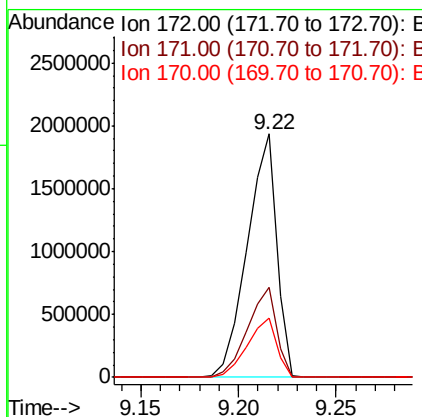
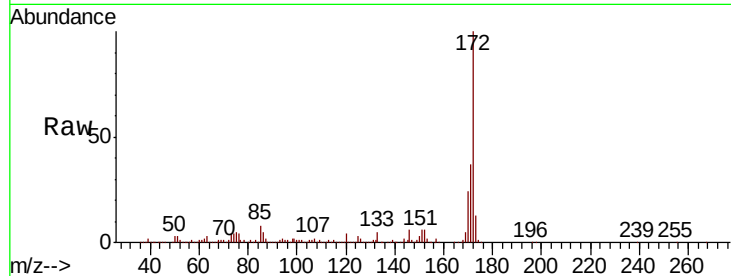
#45  
2-Fluorobiphenyl  
Concen: 80.038 ng  
RT: 9.22 min Scan# 1212  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 172     | 100  |       |       |       |
| 171     | 36.9 | 27.8  | 41.6  |       |
| 170     | 24.4 | 18.9  | 28.3  |       |

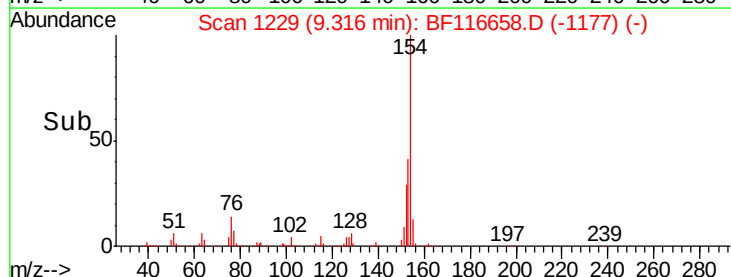
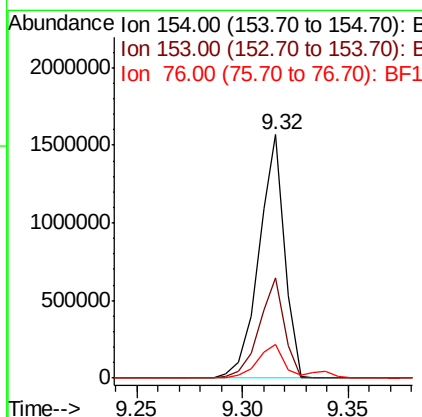
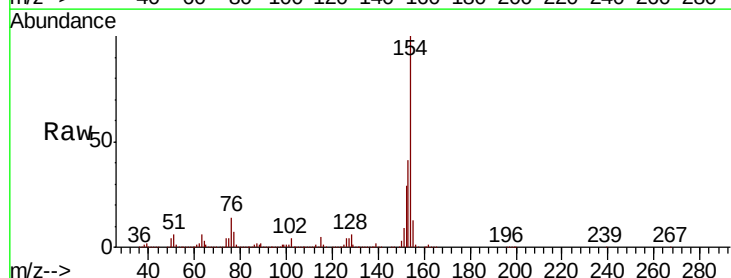
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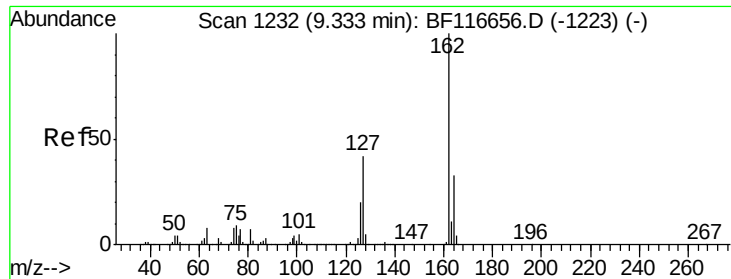
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#46  
1,1'-Biphenyl  
Concen: 43.001 ng  
RT: 9.32 min Scan# 1229  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 154     | 100  |       |       |       |
| 153     | 41.2 | 21.2  | 61.2  |       |
| 76      | 13.9 | 0.0   | 30.9  |       |





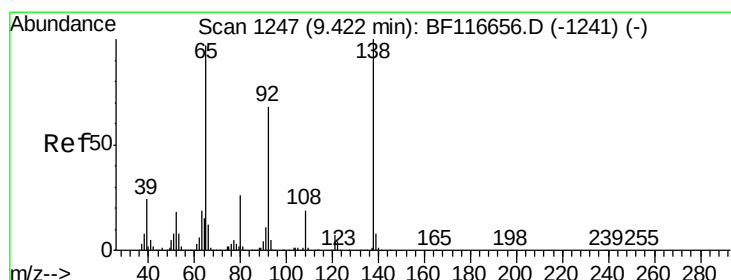
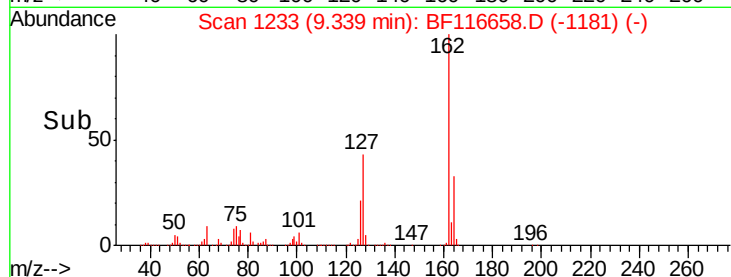
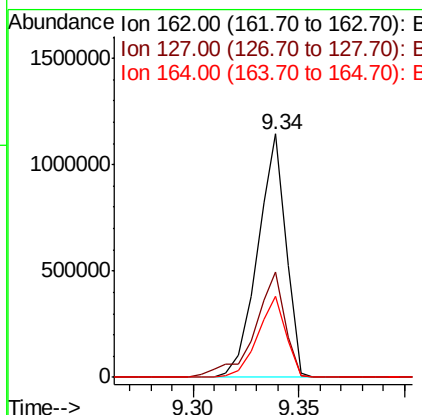
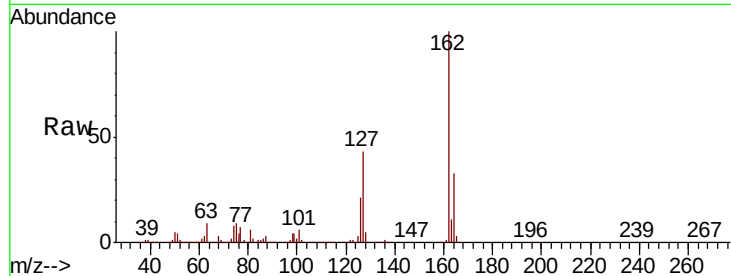
#47  
2-Chloronaphthalene  
Concen: 44.948 ng  
RT: 9.34 min Scan# 1233  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.3  | 33.4  | 50.2  |
| 164     | 33.4  | 26.6  | 39.8  |

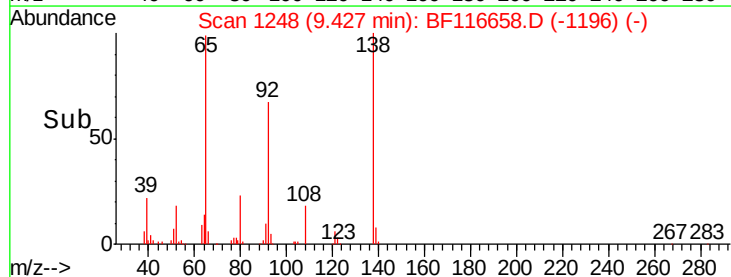
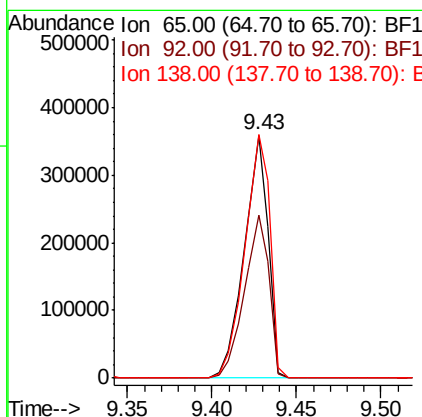
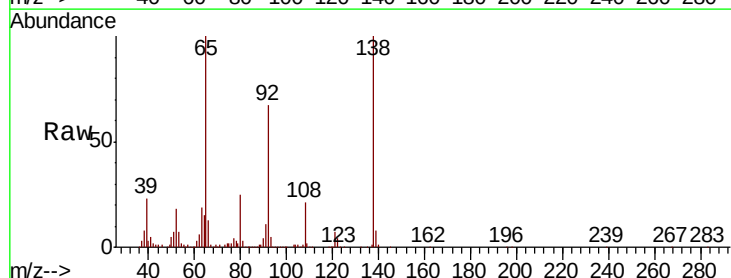
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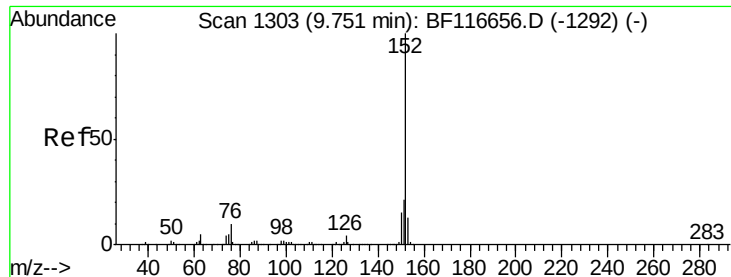
mohammad  
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#48  
2-Nitroaniline  
Concen: 48.982 ng  
RT: 9.43 min Scan# 1248  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.0  | 57.1  | 85.7  |
| 138     | 100.2 | 88.2  | 132.2 |





#49

Acenaphthylene

Concen: 49.937 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

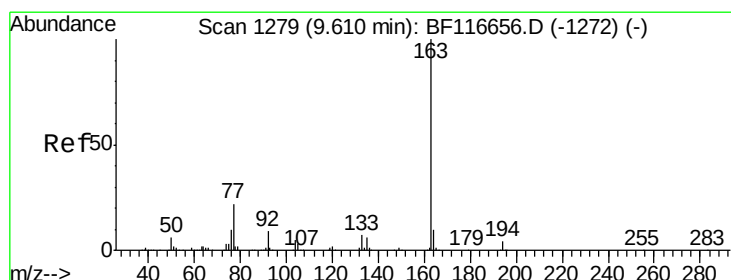
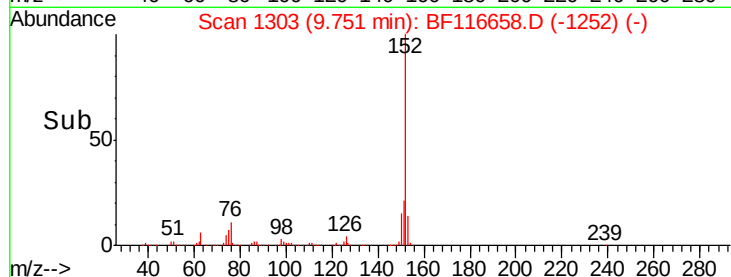
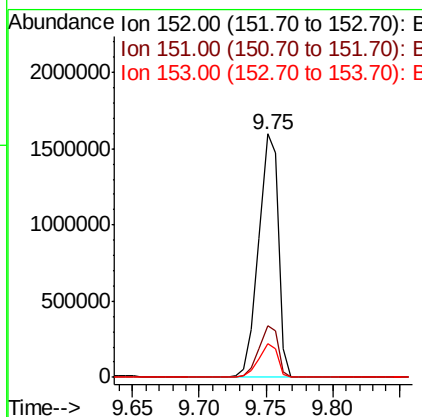
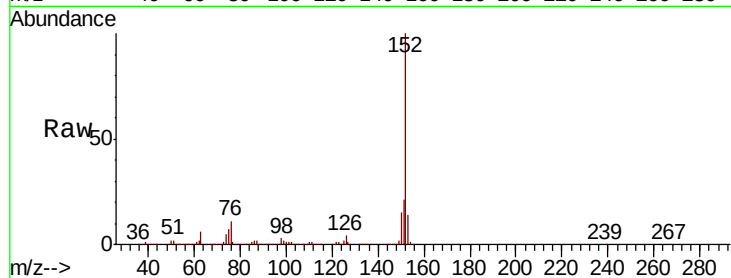
ClientSampleId :

SSTDICC060

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 152   | Resp: | 1607316 |
| Ion      | Ratio | Lower | Upper   |
| 152      | 100   |       |         |
| 151      | 21.0  | 15.9  | 23.9    |
| 153      | 13.7  | 10.9  | 16.3    |

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#50

Dimethylphthalate

Concen: 45.722 ng

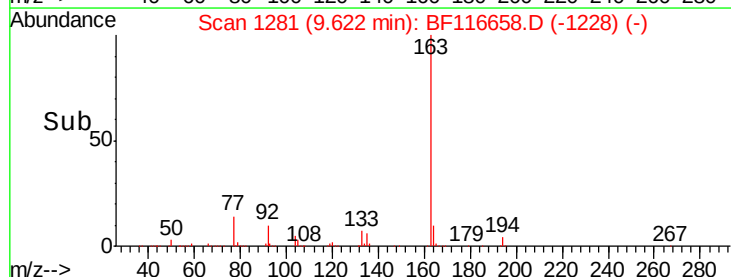
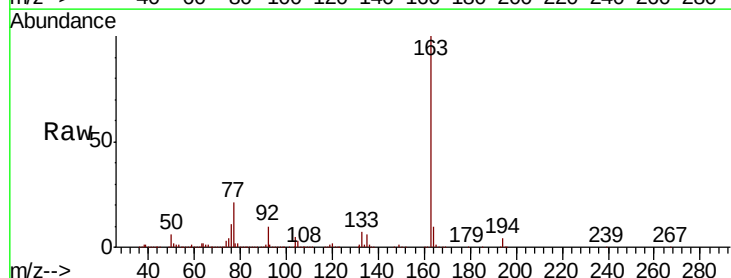
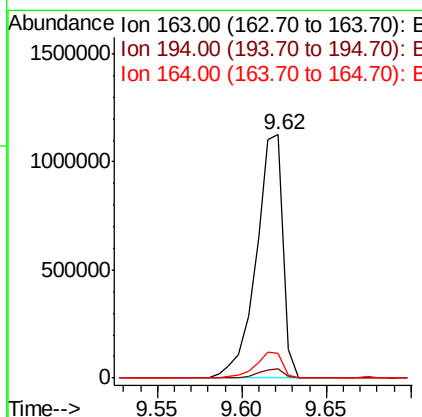
RT: 9.62 min Scan# 1281

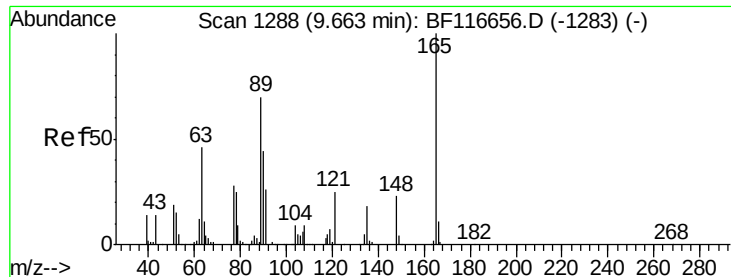
Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 163   | Resp: | 1232602 |
| Ion      | Ratio | Lower | Upper   |
| 163      | 100   |       |         |
| 194      | 3.9   | 2.8   | 4.2     |
| 164      | 10.0  | 8.6   | 12.8    |





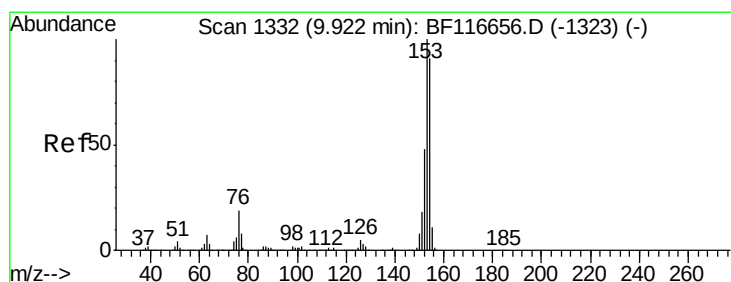
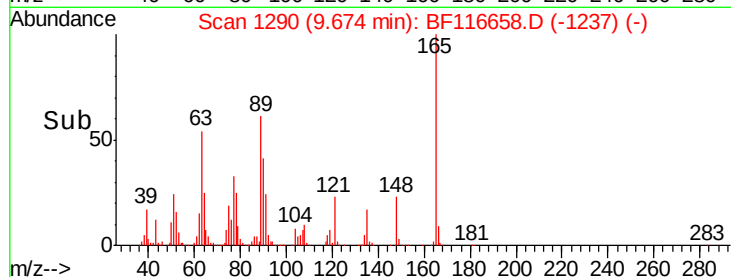
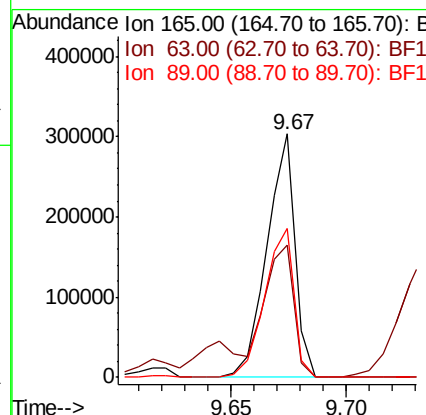
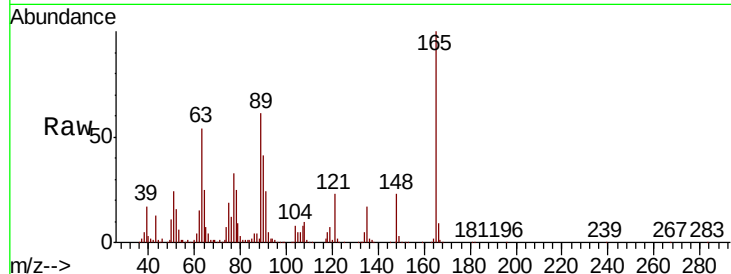
#51  
2,6-Dinitrotoluene  
Concen: 46.336 ng  
RT: 9.67 min Scan# 1290  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 256941 |       |       |
| 63      | 54.3 | 47.3  | 70.9   |       |       |
| 89      | 61.0 | 52.5  | 78.7   |       |       |

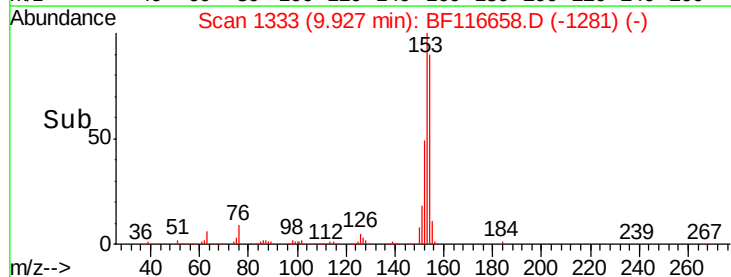
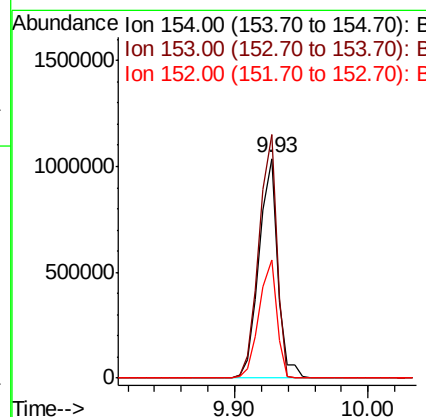
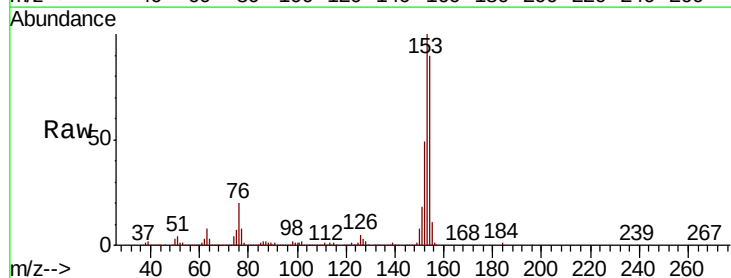
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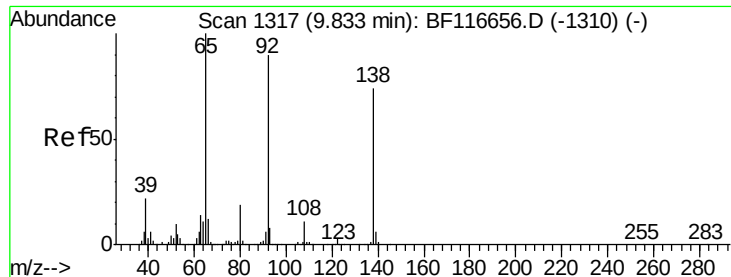
mohammad  
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#52  
Acenaphthene  
Concen: 50.820 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 154     | 100   |       | 994157 |       |       |
| 153     | 110.8 | 89.5  | 134.3  |       |       |
| 152     | 53.9  | 41.9  | 62.9   |       |       |





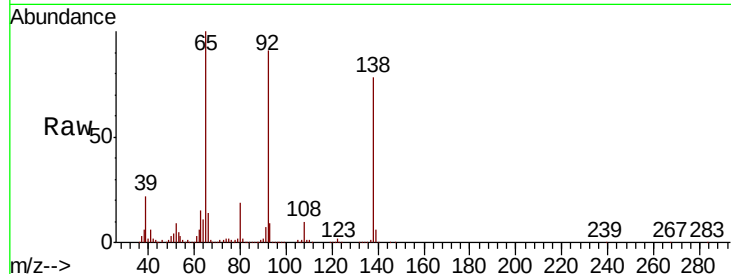
#53  
3-Nitroaniline  
Concen: 53.614 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 13.0  | 8.5   | 12.7# |
| 92      | 117.7 | 87.2  | 130.8 |

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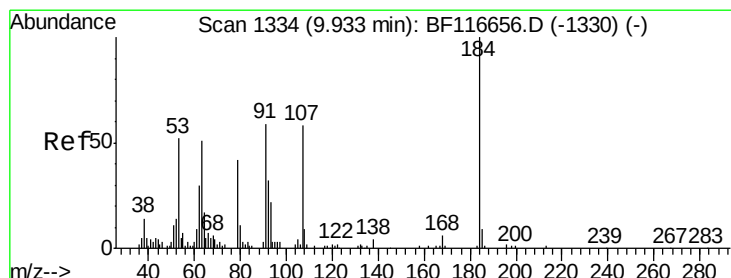
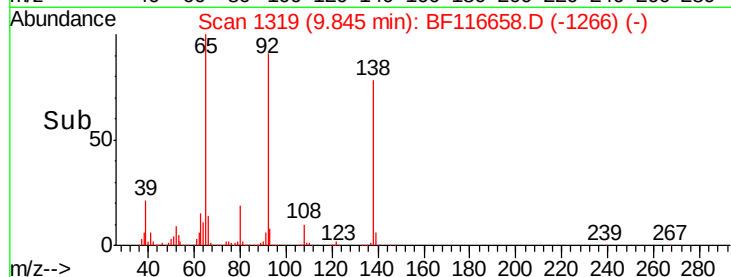
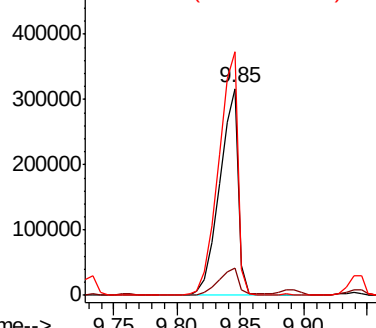


Abundance

Ion 138.00 (137.70 to 138.70): E

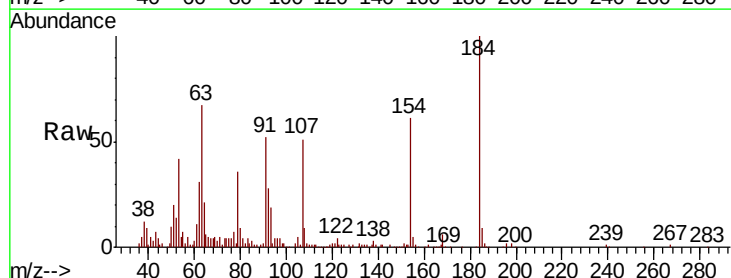
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54  
2,4-Dinitrophenol  
Concen: 38.261 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 66.8  | 52.2  | 78.2  |
| 154     | 61.4  | 60.8  | 91.2  |

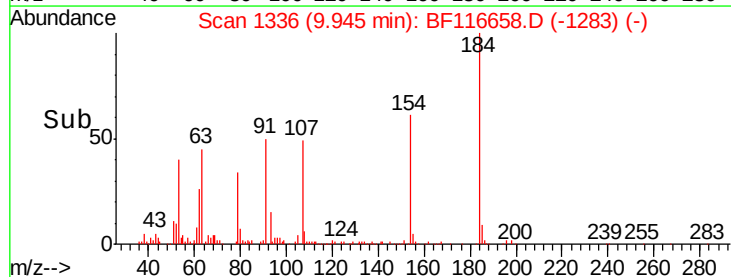
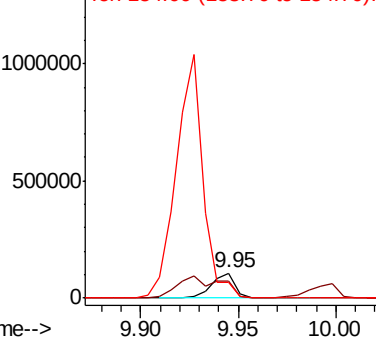


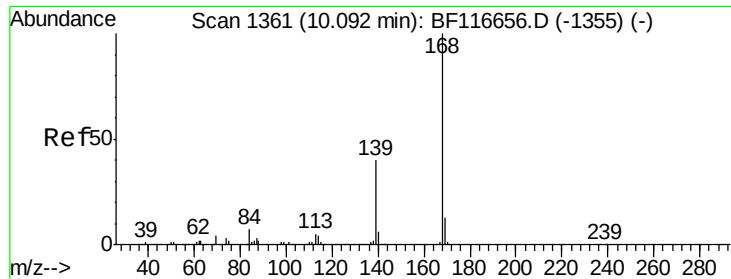
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 46.651 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

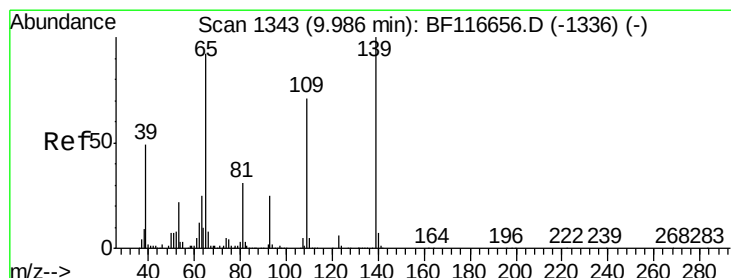
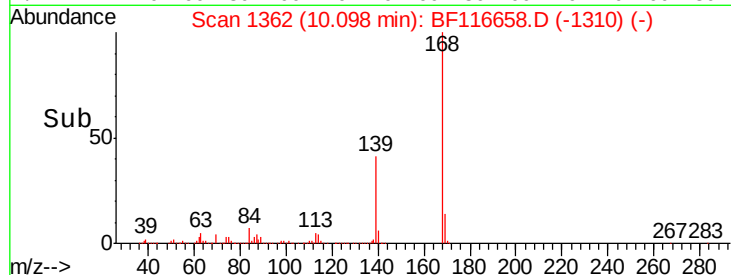
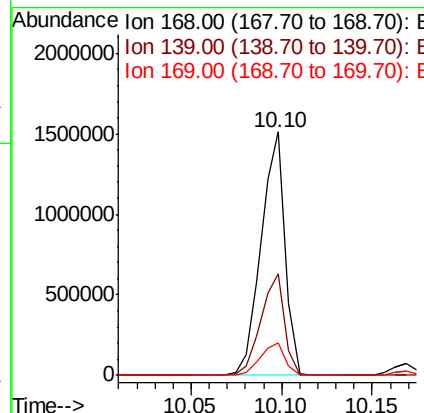
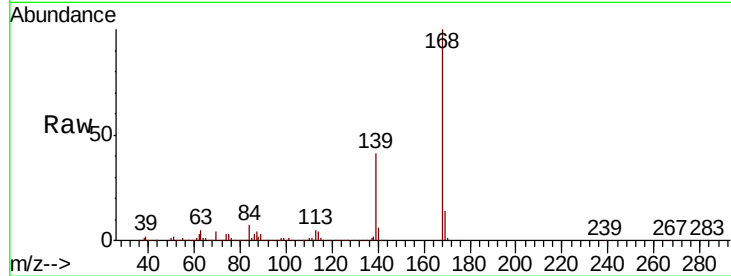
ClientSampleId :

SSTDIC060

|             |               |
|-------------|---------------|
| Tot Ion:168 | Resp: 1382266 |
| Ion Ratio   | Lower Upper   |
| 168 100     |               |
| 139 41.5    | 31.5 47.3     |
| 169 13.6    | 10.3 15.5     |

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#56

4-Nitrophenol

Concen: 55.024 ng

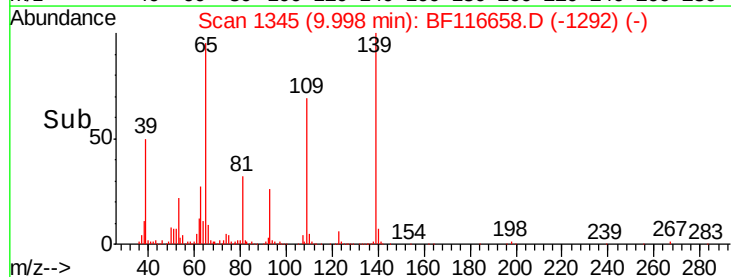
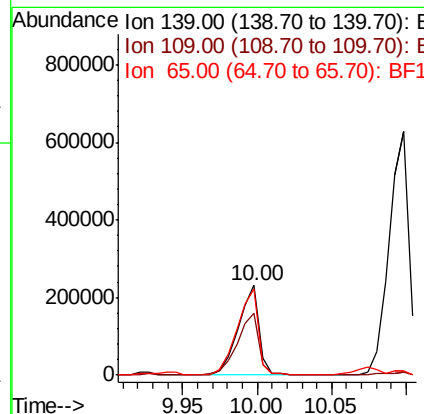
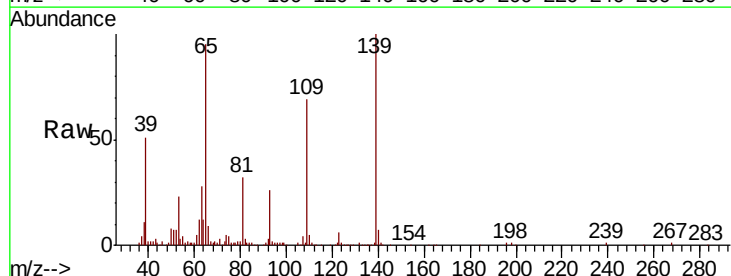
RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

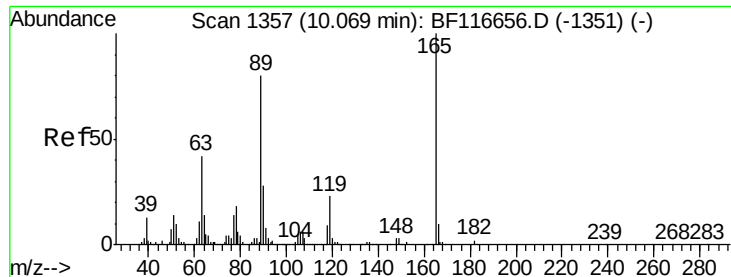
Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|             |              |
|-------------|--------------|
| Tgt Ion:139 | Resp: 228489 |
| Ion Ratio   | Lower Upper  |
| 139 100     |              |
| 109 69.1    | 61.7 101.7   |
| 65 95.4     | 89.1 129.1   |







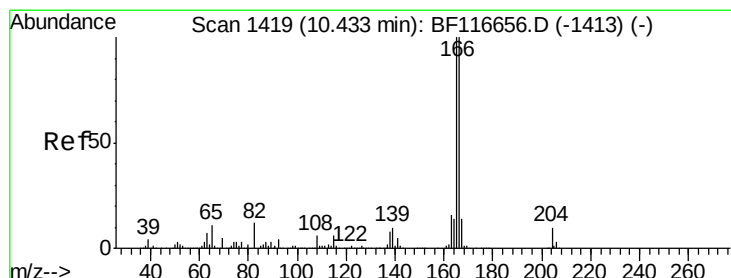
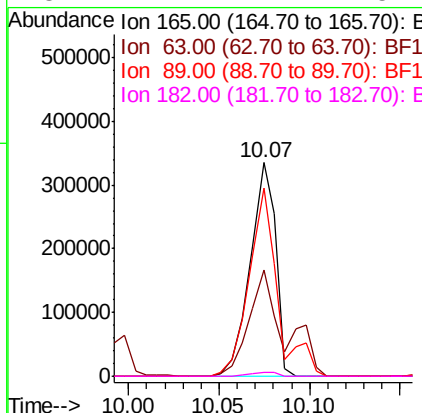
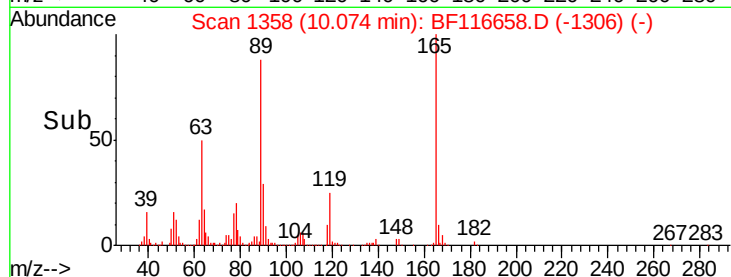
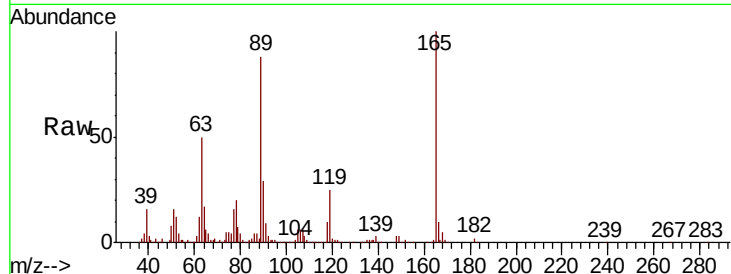
#57  
2,4-Dinitrotoluene  
Concen: 47.842 ng  
RT: 10.07 min Scan# 1358  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 327901 |       |       |
| 63      | 49.7 | 36.4  | 54.6   |       |       |
| 89      | 88.3 | 62.6  | 94.0   |       |       |
| 182     | 2.1  | 2.1   | 3.1    |       |       |

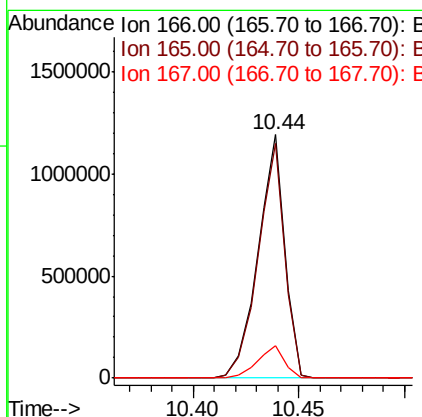
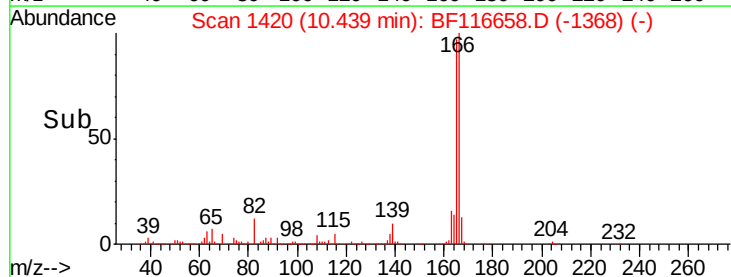
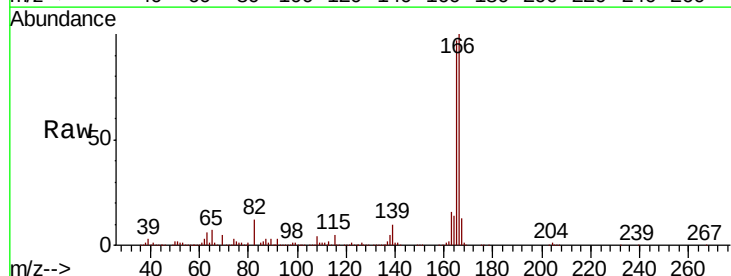
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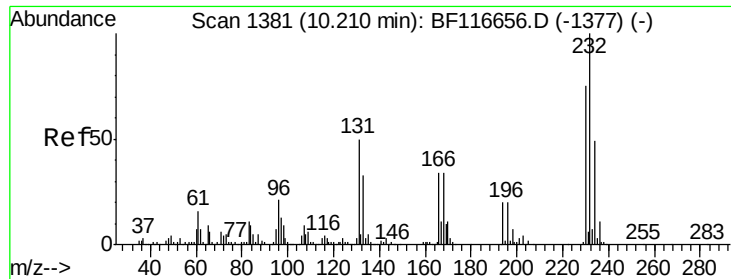
mohammad  
8/31/2019 2:45:15 PM



#58  
Fluorene  
Concen: 43.723 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 166     | 100  |       | 1044903 |       |       |
| 165     | 96.5 | 78.8  | 118.2   |       |       |
| 167     | 13.4 | 10.0  | 15.0    |       |       |





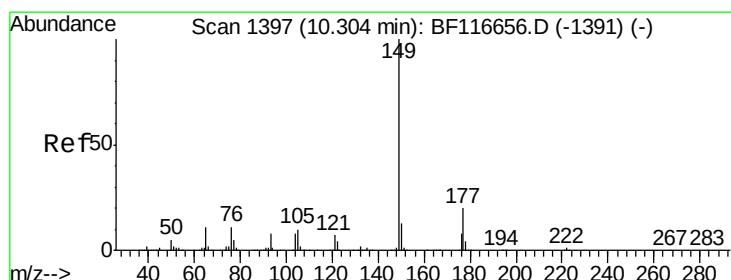
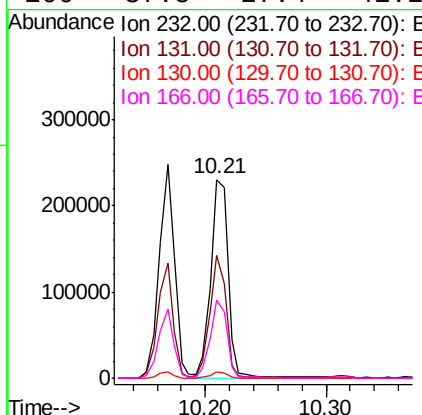
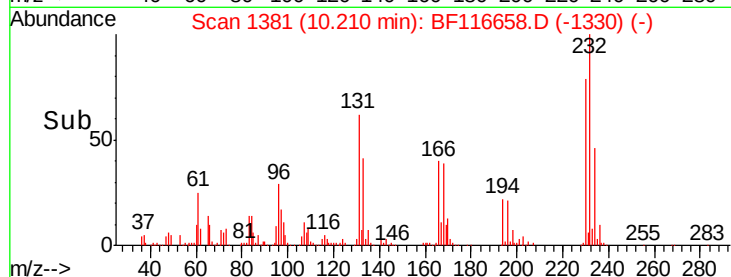
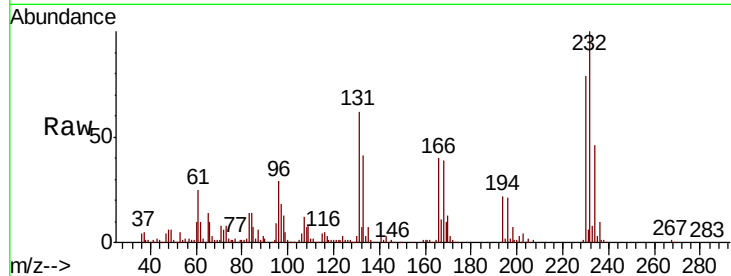
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.570 ng  
 RT: 10.21 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 230509 |       |       |
| 131     | 58.3  |        | 42.7  | 64.1  |
| 130     | 2.7   |        | 1.9   | 2.9   |
| 166     | 37.5  |        | 27.4  | 41.2  |

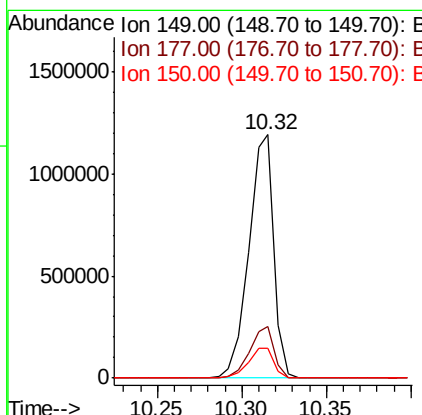
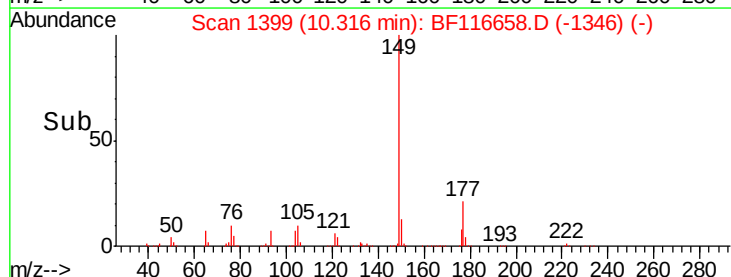
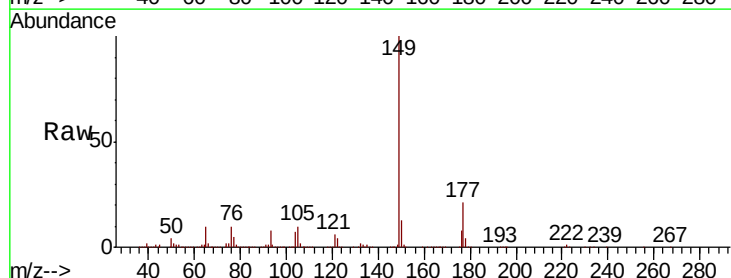
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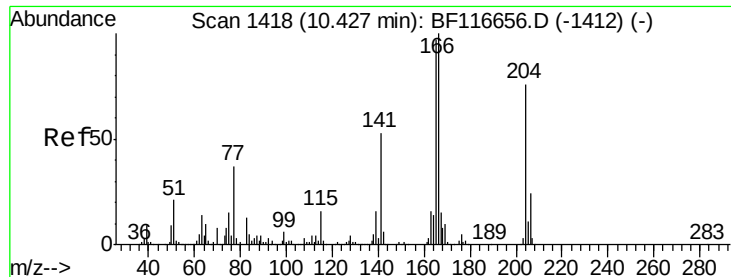
mohammad  
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#60  
 Diethylphthalate  
 Concen: 48.166 ng  
 RT: 10.32 min Scan# 1399  
 Delta R.T. 0.01 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1228544 |       |       |
| 177     | 21.0  |         | 17.2  | 25.8  |
| 150     | 12.5  |         | 9.7   | 14.5  |





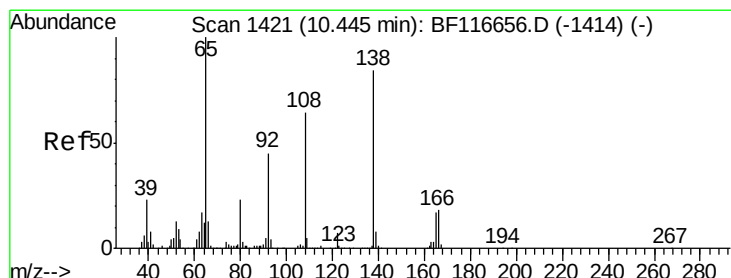
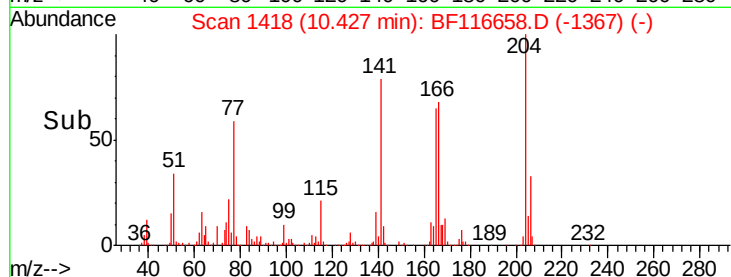
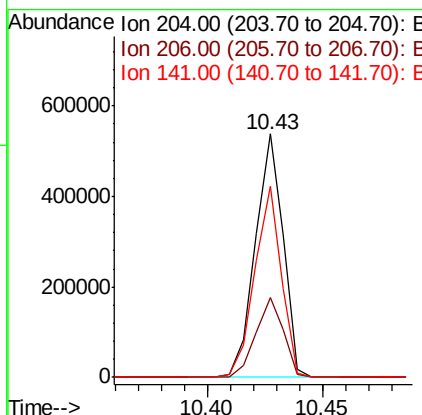
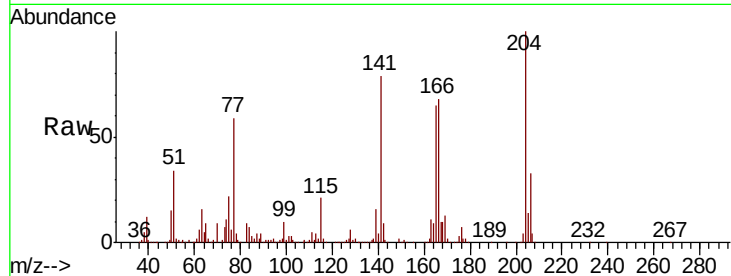
#61  
4-Chlorophenyl-phenylether  
Concen: 38.232 ng  
RT: 10.43 min Scan# 1418  
Delta R.T. 0.00 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 204     | 100  |       | 451073 |       |       |
| 206     | 32.6 | 25.4  | 38.2   |       |       |
| 141     | 78.6 | 53.8  | 80.8   |       |       |

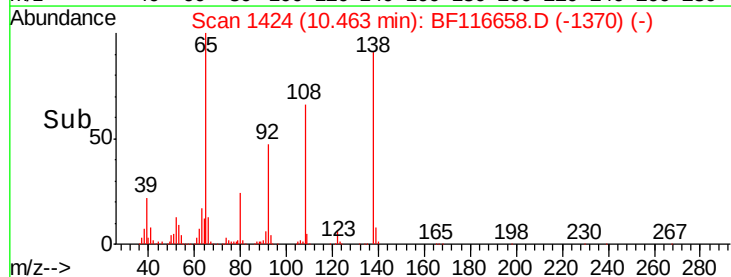
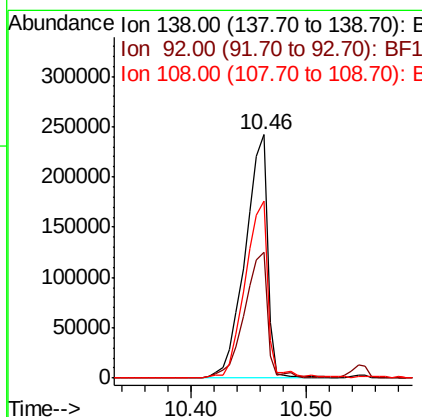
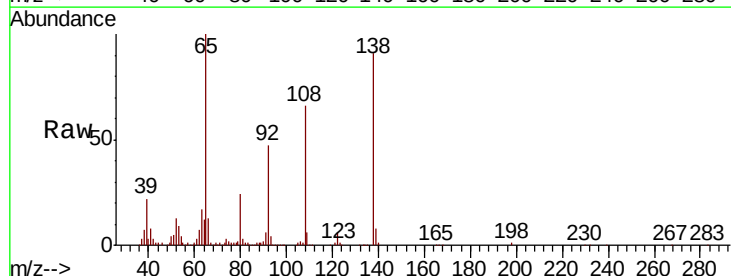
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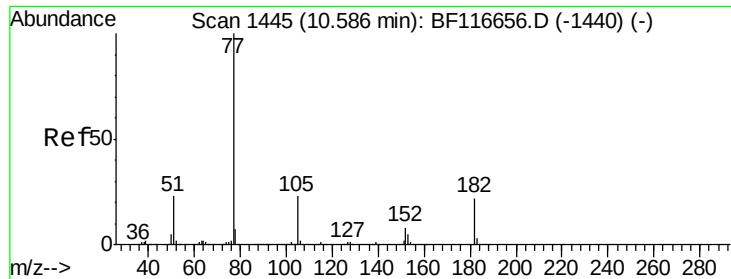
mohammad  
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#62  
4-Nitroaniline  
Concen: 49.478 ng  
RT: 10.46 min Scan# 1424  
Delta R.T. 0.02 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 138     | 100  |       | 324965 |       |       |
| 92      | 51.5 | 28.7  | 68.7   |       |       |
| 108     | 72.9 | 60.4  | 100.4  |       |       |





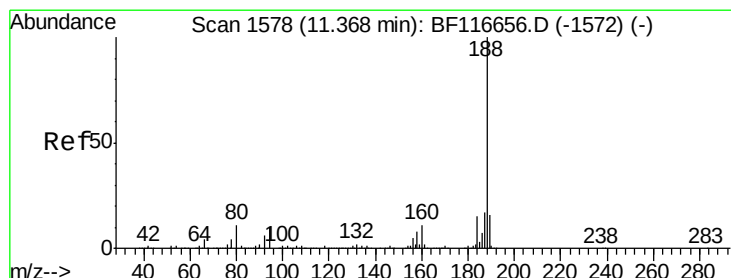
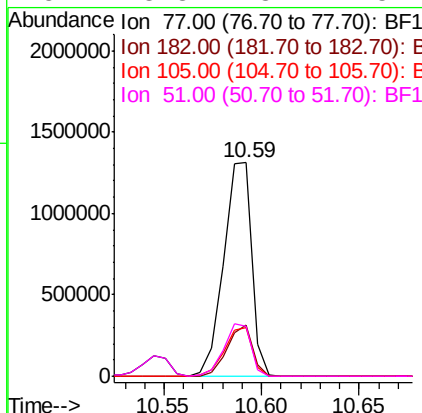
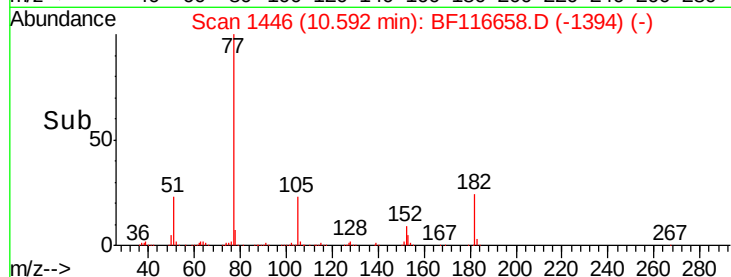
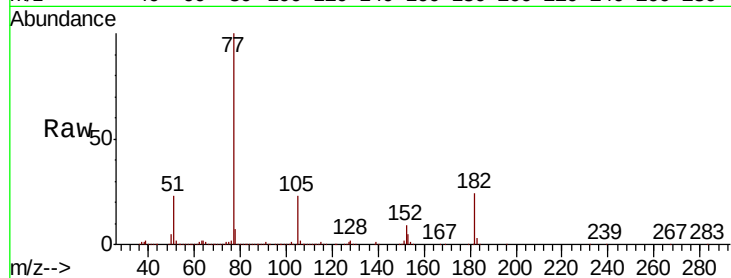
#63  
Azobenzene  
Concen: 51.384 ng  
RT: 10.59 min Scan# 1446  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.3  | 1.2   | 41.2  |
| 105     | 22.8  | 0.6   | 40.6  |
| 51      | 23.3  | 8.2   | 48.2  |

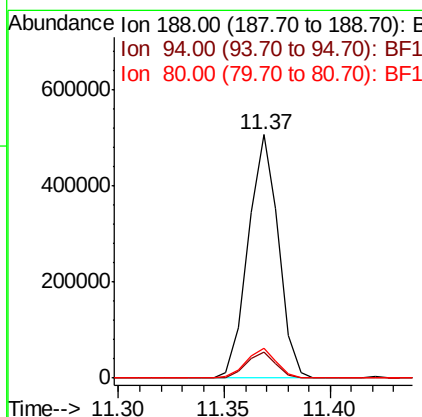
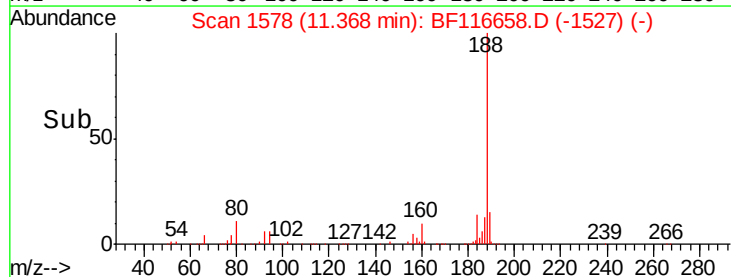
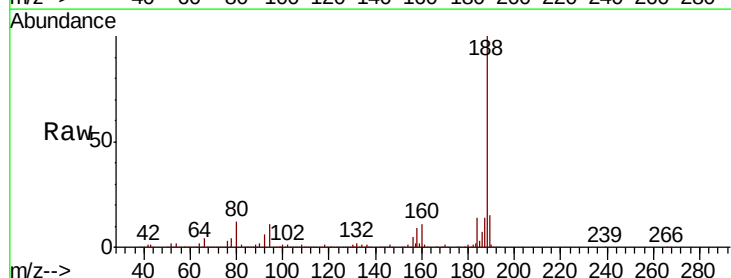
Manual Integrations  
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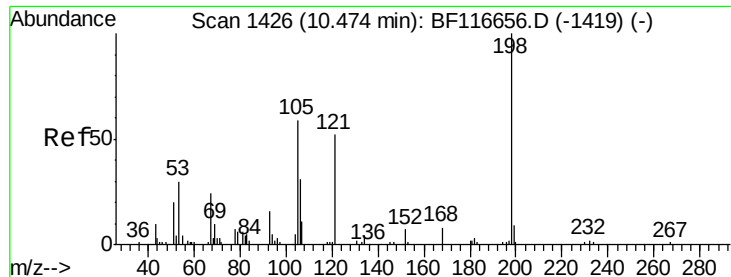
mohammad  
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. 0.00 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.9  | 7.3   | 10.9  |
| 80      | 12.1  | 8.4   | 12.6  |





#65

4,6-Dinitro-2-methylphenol

Concen: 44.185 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

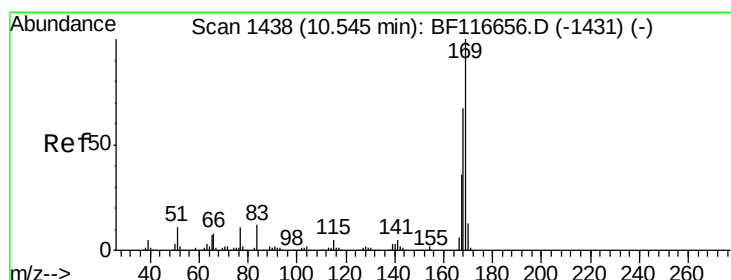
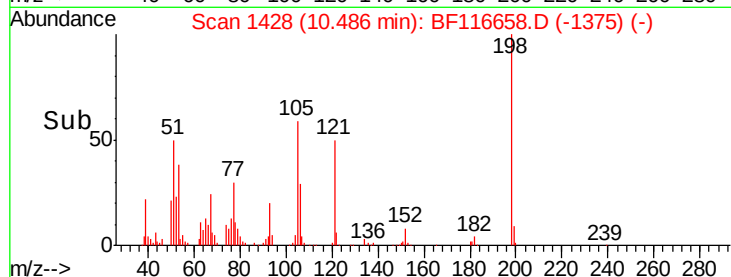
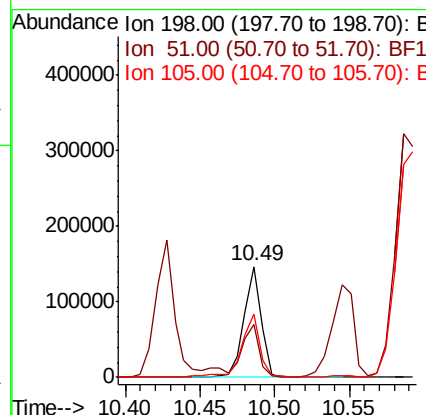
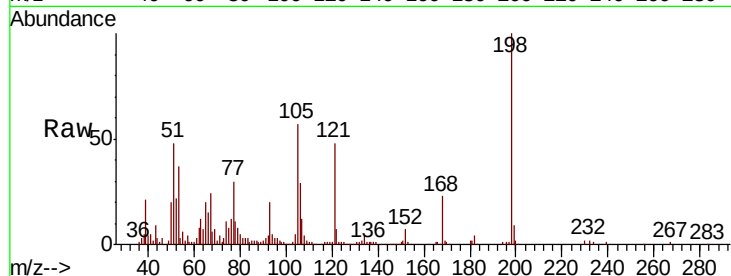
ClientSampled :

SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 119467 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 47.8  | 18.4  | 58.4   |
| 105       | 56.7  | 22.9  | 62.9   |

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#66

n-Nitrosodiphenylamine

Concen: 58.494 ng

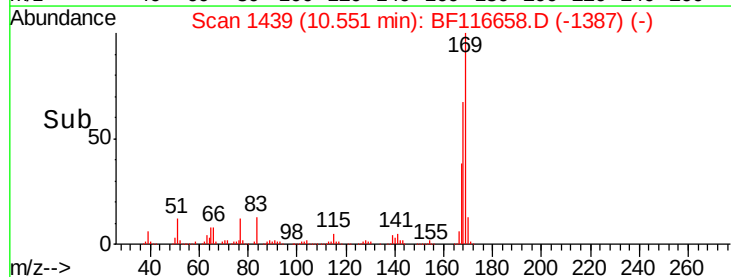
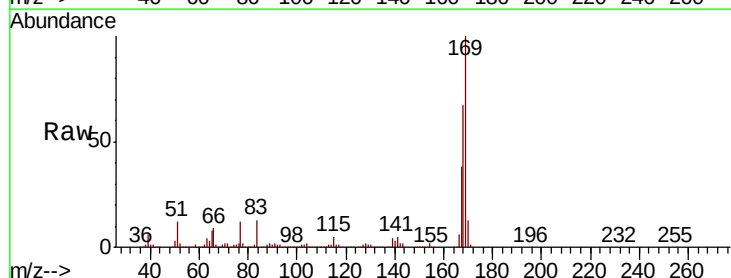
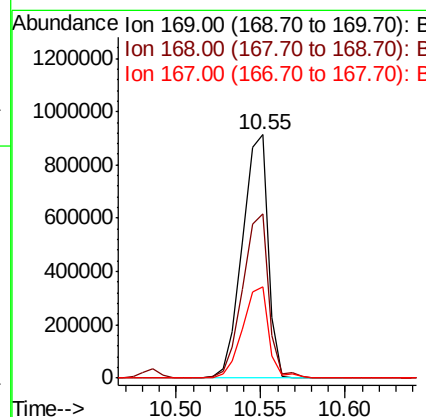
RT: 10.55 min Scan# 1439

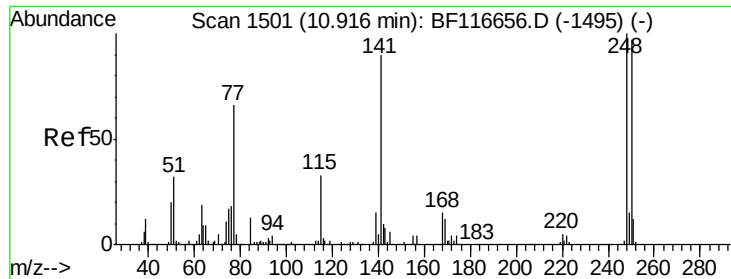
Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 973958 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.3  | 55.8  | 83.6   |
| 167       | 37.5  | 29.4  | 44.2   |





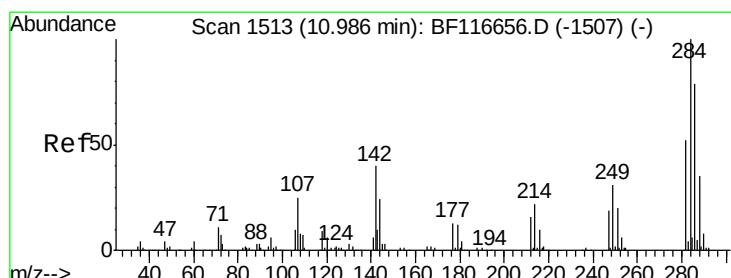
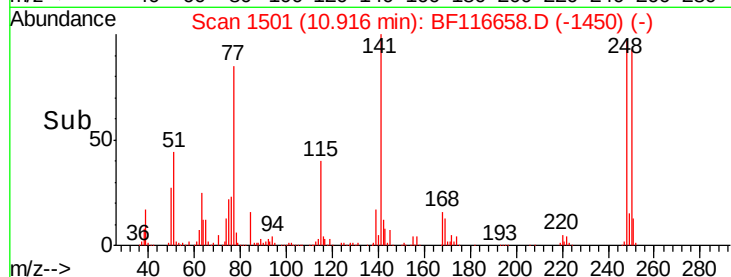
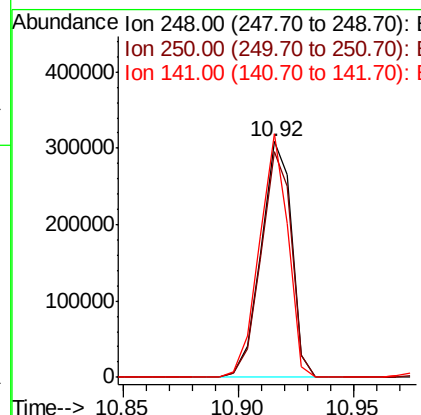
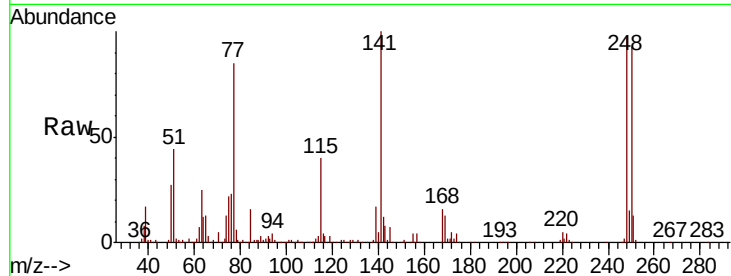
#67  
 4-Bromophenyl-phenylether  
 Concen: 50.234 ng  
 RT: 10.92 min Scan# 1501  
 Delta R.T. 0.00 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 286315 |       |       |
| 250     | 95.6  |        | 77.8  | 116.8 |
| 141     | 103.3 |        | 75.9  | 113.9 |

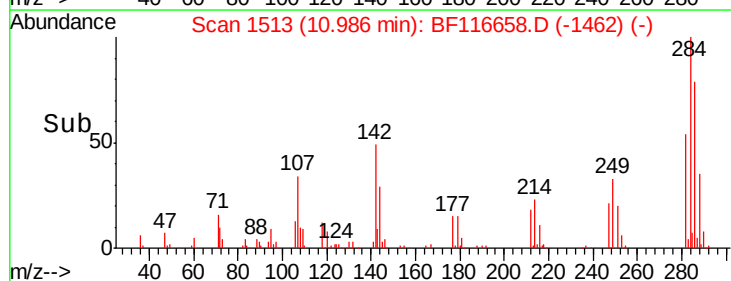
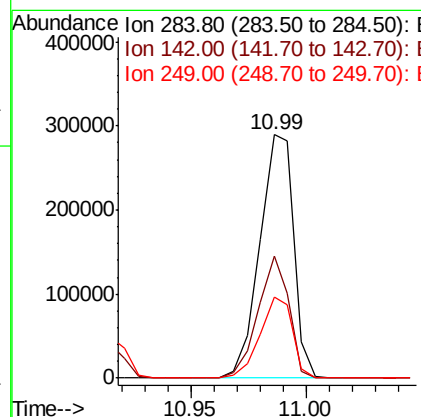
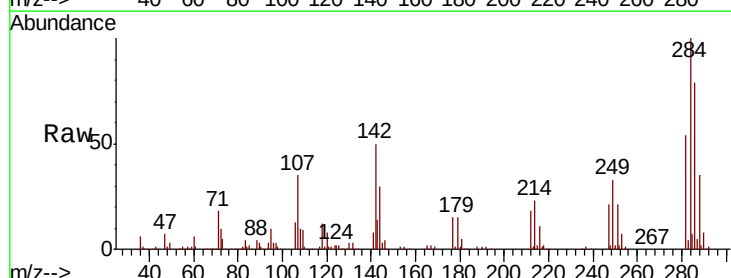
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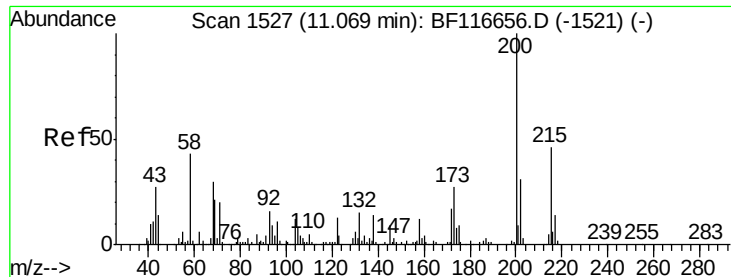
mohammad  
 8/31/2019 2:45:15 PM



#68  
 Hexachlorobenzene  
 Concen: 47.375 ng  
 RT: 10.99 min Scan# 1513  
 Delta R.T. 0.00 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 297383 |       |       |
| 142     | 50.3  |        | 34.0  | 51.0  |
| 249     | 33.1  |        | 26.4  | 39.6  |





#69

Atrazine

Concen: 53.090 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

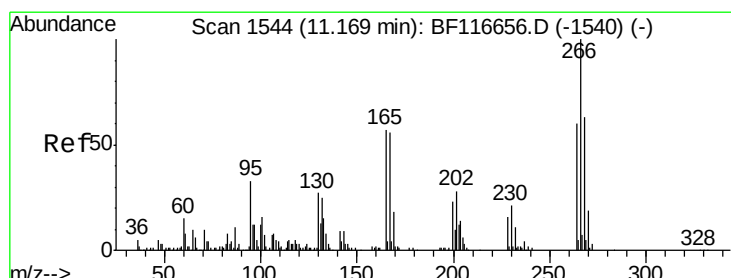
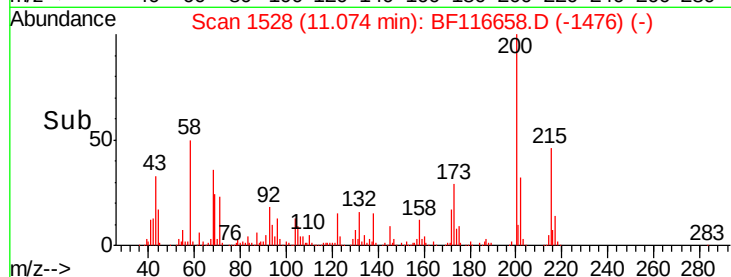
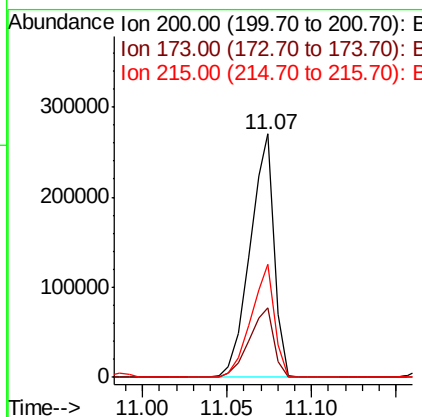
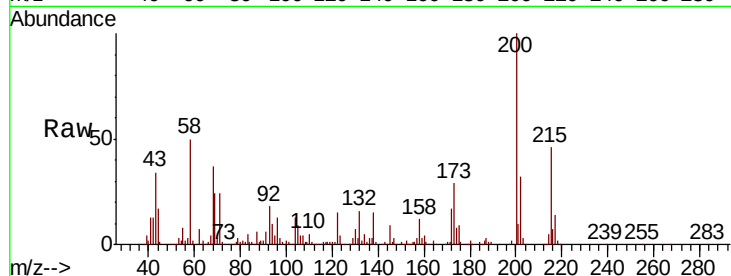
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 268950 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 28.7  | 6.2   | 46.2   |
| 215       | 46.4  | 24.3  | 64.3   |

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#70

Pentachlorophenol

Concen: 43.021 ng

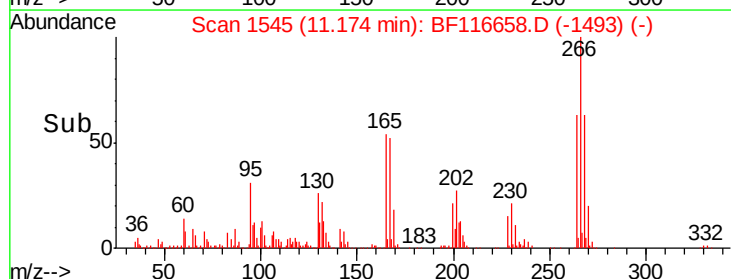
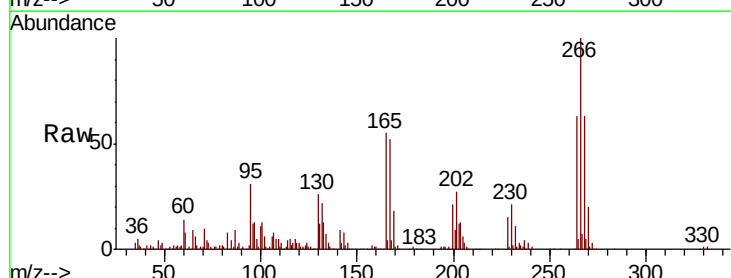
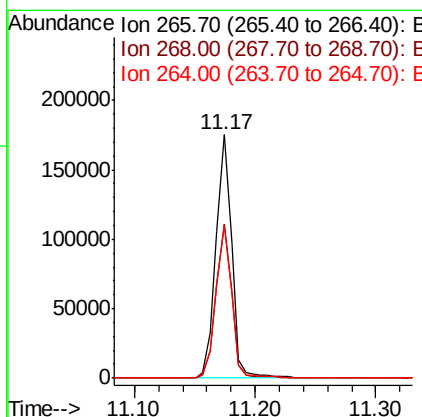
RT: 11.17 min Scan# 1545

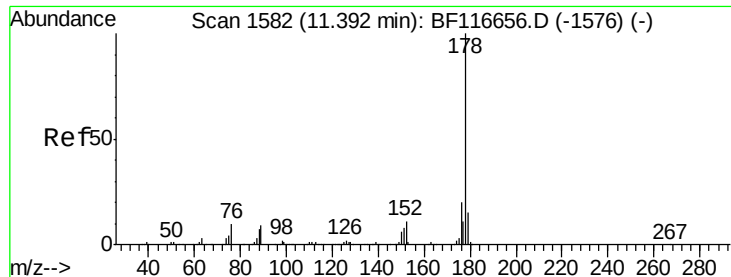
Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 158041 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 63.4  | 51.2  | 76.8   |
| 264       | 62.9  | 51.9  | 77.9   |





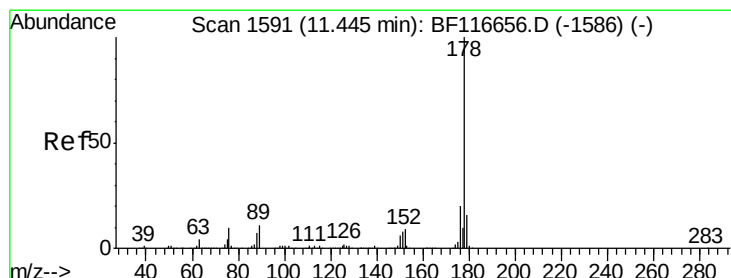
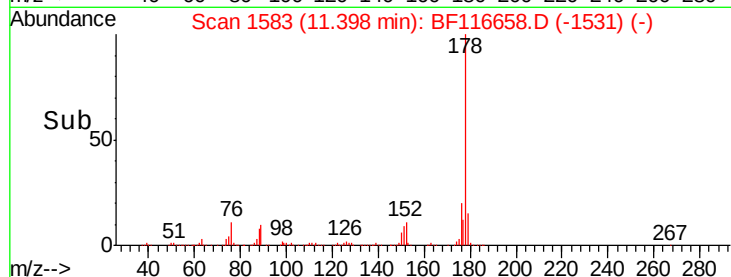
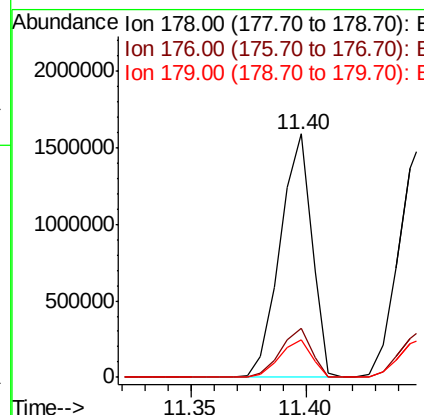
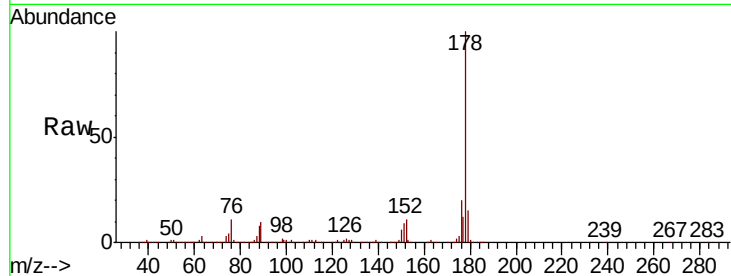
#71  
Phenanthrene  
Concen: 53.718 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:178 Resp: 1511832  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.4 23.0  
179 15.4 12.2 18.2

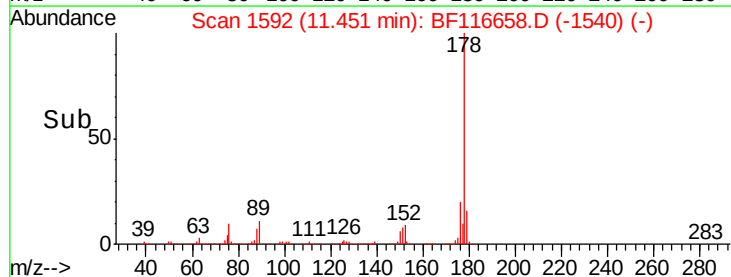
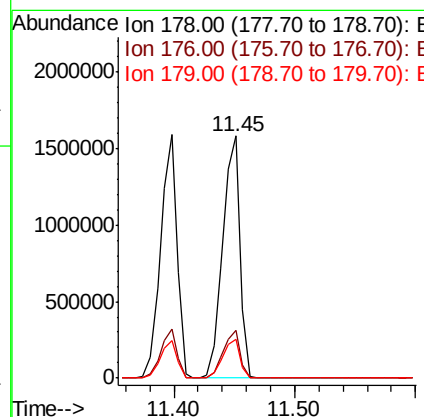
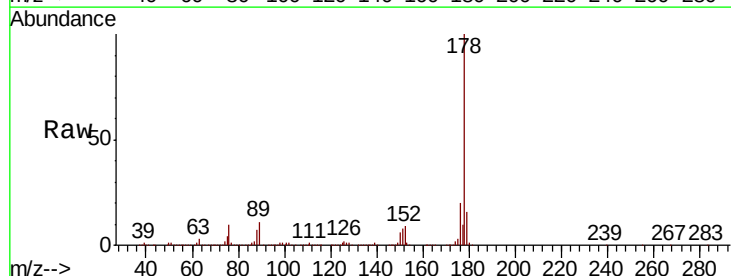
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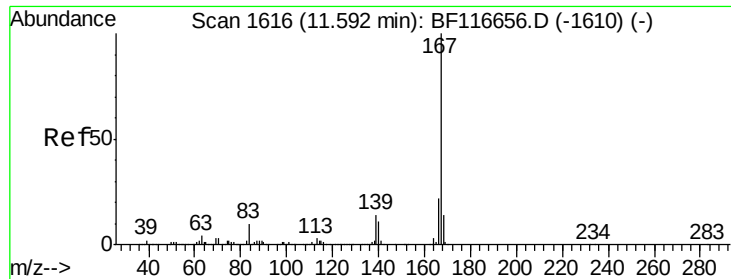


#72  
Anthracene  
Concen: 53.699 ng  
RT: 11.45 min Scan# 1592  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Tgt Ion:178 Resp: 1543280  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.4 23.0  
179 15.8 12.5 18.7







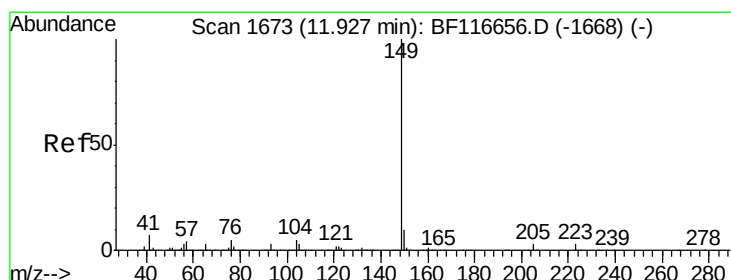
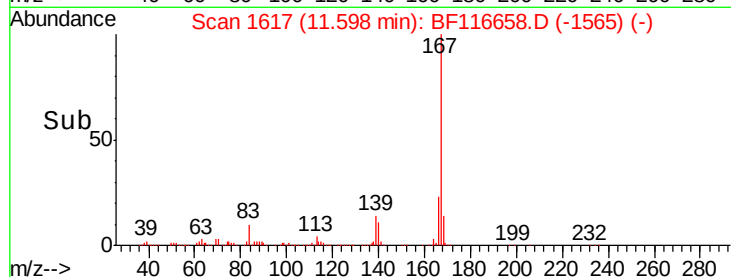
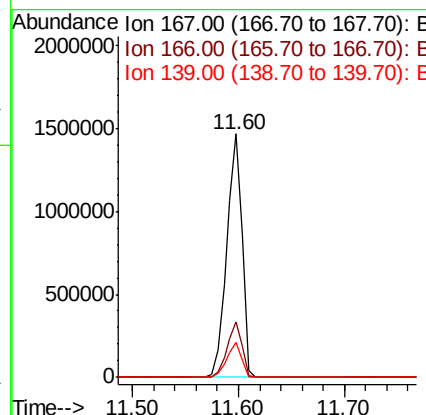
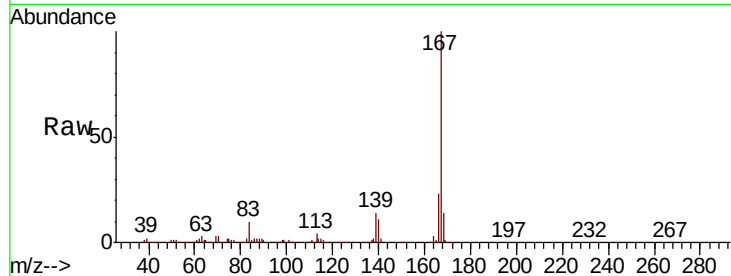
#73  
 Carbazole  
 Concen: 58.290 ng  
 RT: 11.60 min Scan# 1617  
 Delta R.T. 0.01 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.6  | 17.8  | 26.6  |
| 139     | 14.4  | 11.1  | 16.7  |

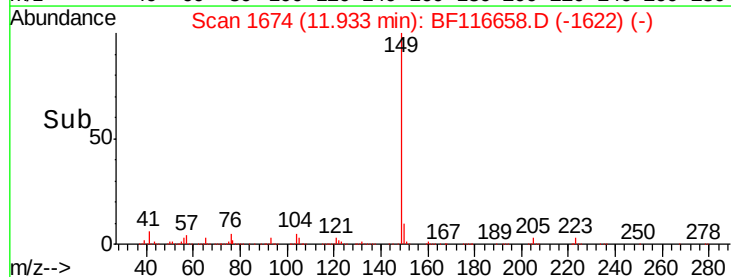
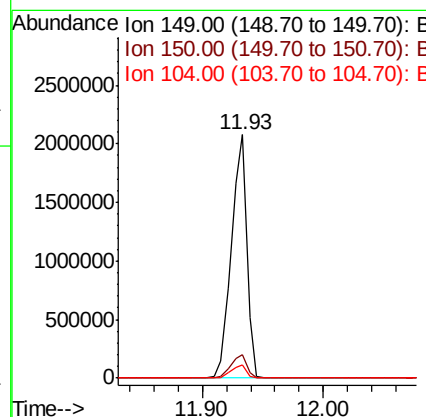
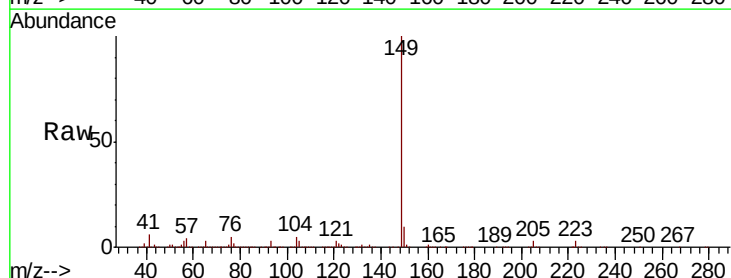
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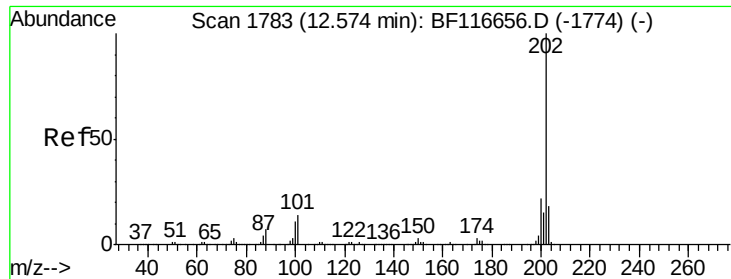
mohammad  
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#74  
 Di-n-butylphthalate  
 Concen: 55.094 ng  
 RT: 11.93 min Scan# 1674  
 Delta R.T. 0.01 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.6   | 7.2   | 10.8  |
| 104     | 5.5   | 4.2   | 6.2   |





#75

Fluoranthene

Concen: 52.139 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

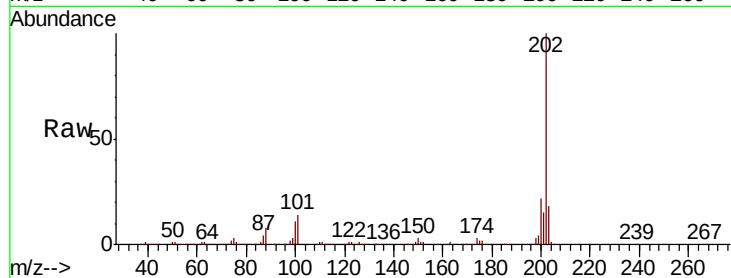
ClientSampleId :

SSTDIC060

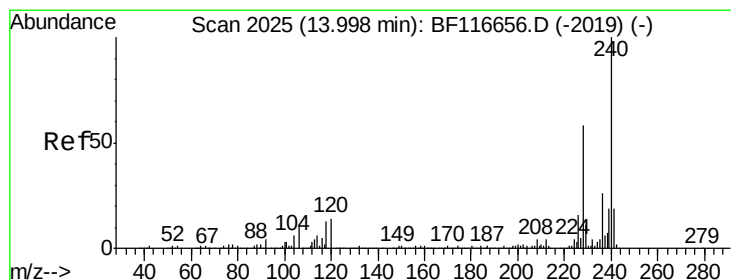
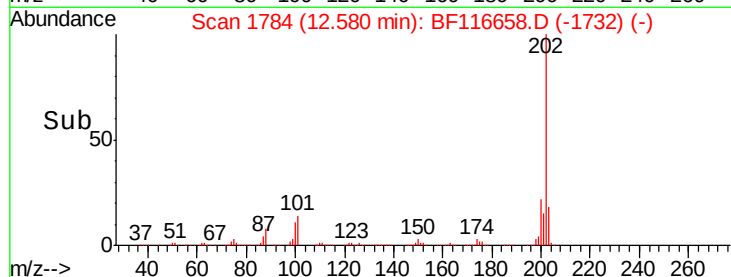
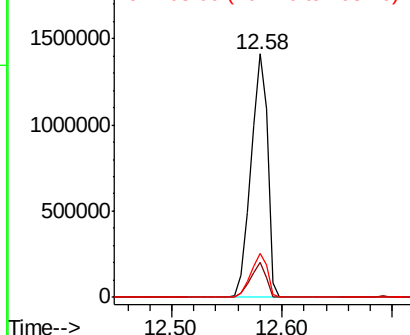
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 202     | 100  |       |      |       |       |
| 101     | 14.4 | 0.0   | 31.3 |       |       |
| 203     | 18.1 | 0.0   | 37.6 |       |       |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

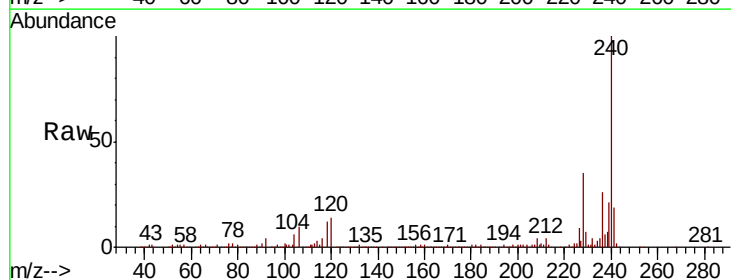
RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

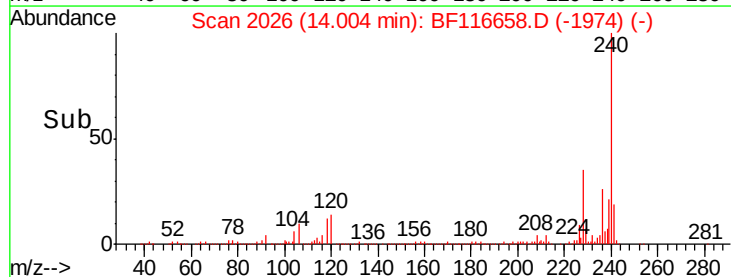
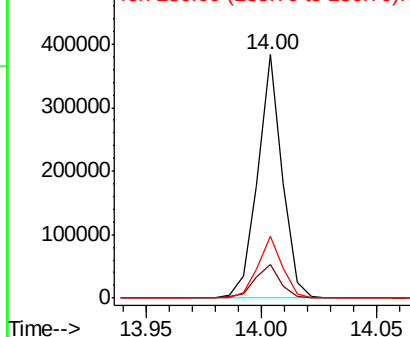
Lab File: BF116658.D

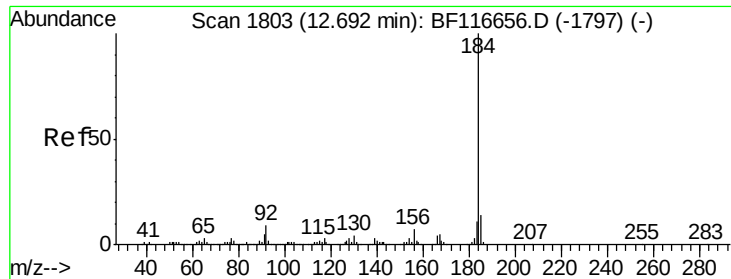
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 240     | 100  |       |       |       |       |
| 120     | 13.8 | 9.1   | 13.7# |       |       |
| 236     | 25.5 | 21.1  | 31.7  |       |       |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.342 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:184 Resp: 663482

Ion Ratio Lower Upper

184 100

185 15.9 11.3 16.9

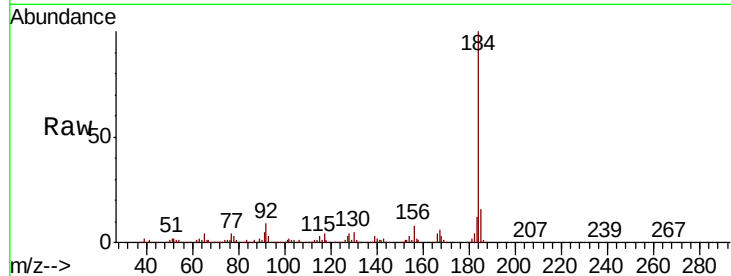
183 11.8 9.2 13.8

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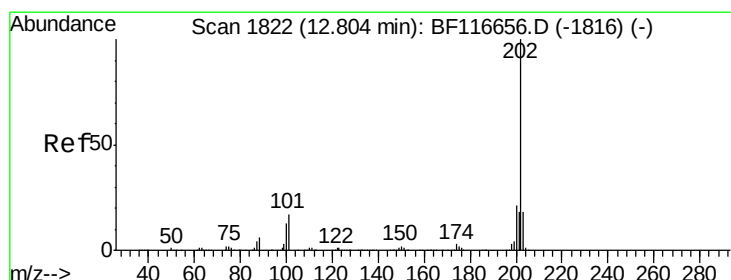
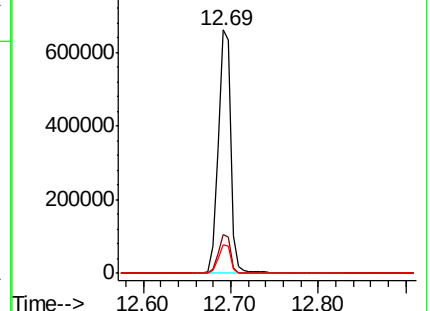
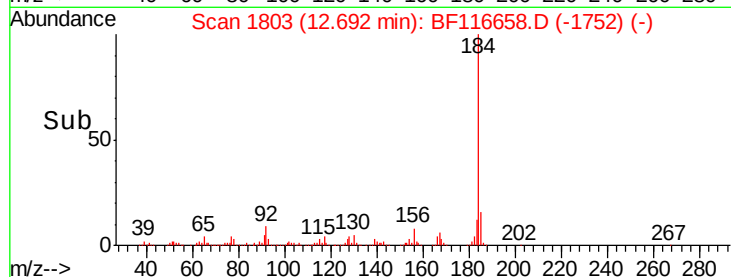
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.964 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

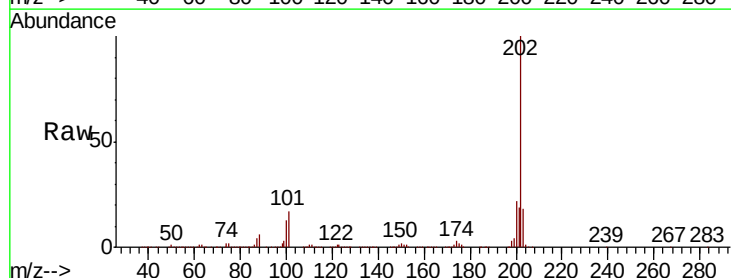
Tgt Ion:202 Resp: 1499361

Ion Ratio Lower Upper

202 100

200 21.9 16.5 24.7

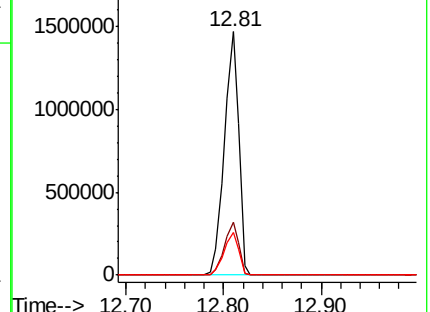
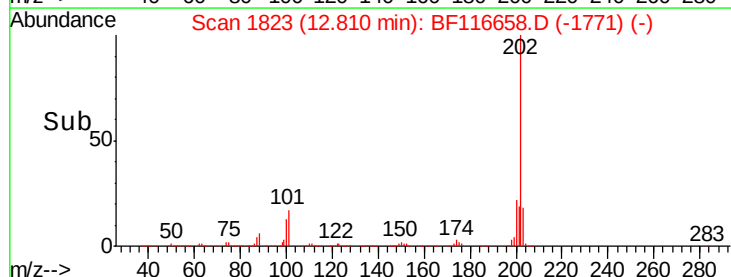
203 17.8 13.7 20.5

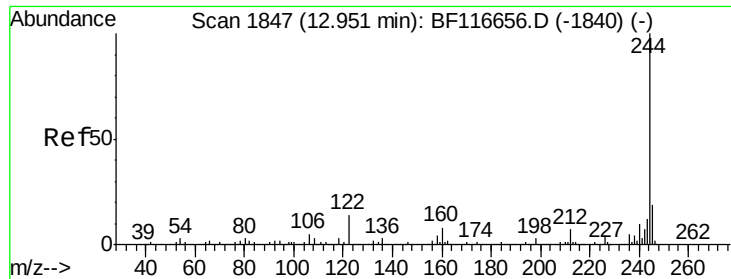


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





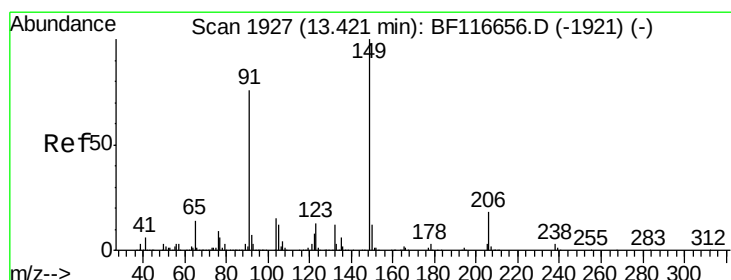
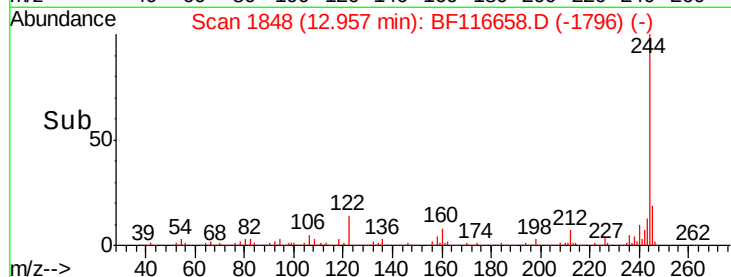
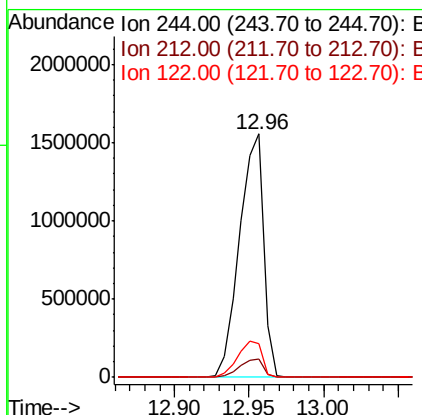
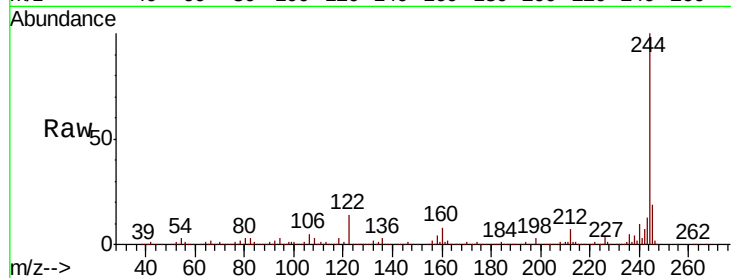
#79  
 Terphenyl-d14  
 Concen: 99.695 ng  
 RT: 12.96 min Scan# 1848  
 Delta R.T. 0.01 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.4   | 6.1   | 9.1   |
| 122     | 13.7  | 10.2  | 15.4  |

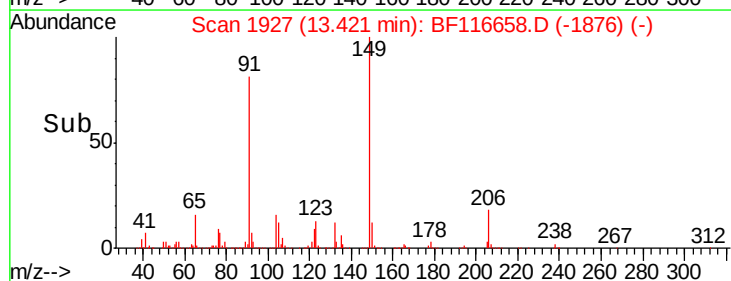
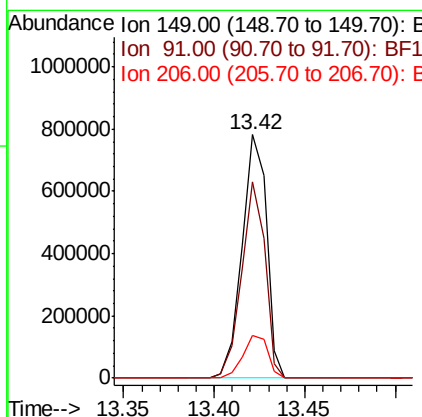
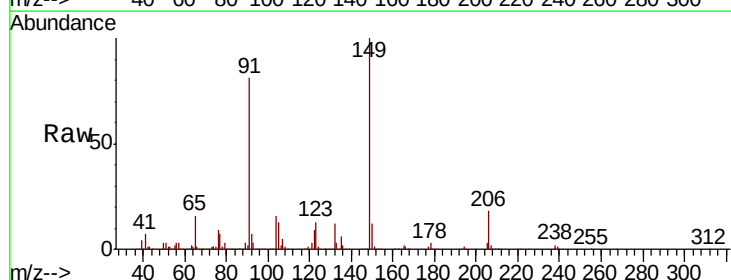
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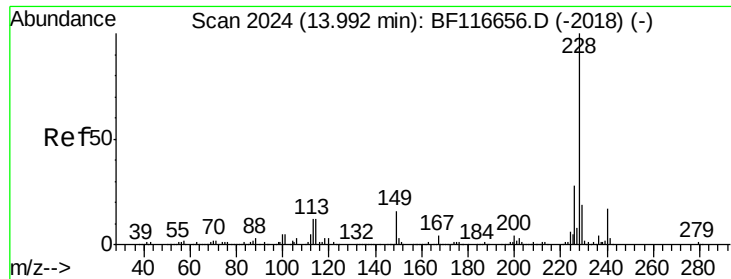
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#80  
 Butylbenzylphthalate  
 Concen: 65.407 ng  
 RT: 13.42 min Scan# 1927  
 Delta R.T. 0.00 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 80.9  | 61.0  | 91.4  |
| 206     | 17.5  | 14.8  | 22.2  |





#81

Benzo(a)anthracene

Concen: 52.469 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

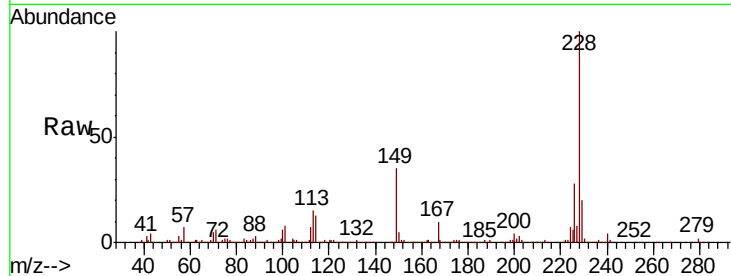
ClientSampleId :

SSTDICC060

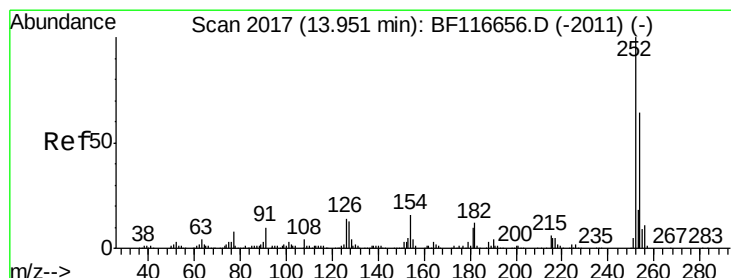
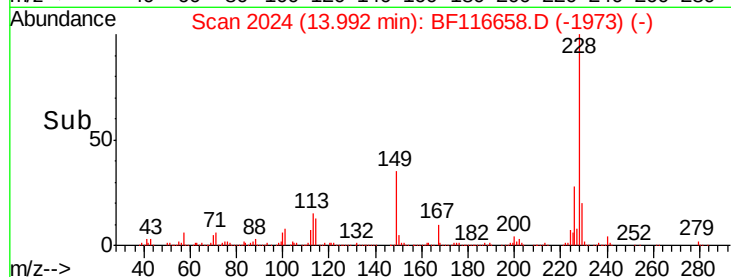
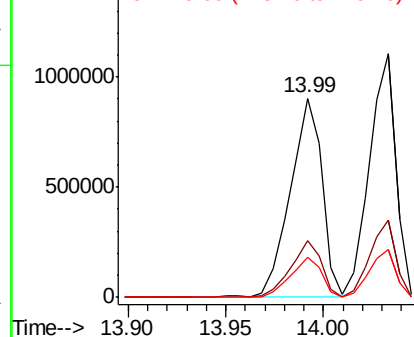
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1014054 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 28.2  | 22.0  | 33.0    |
| 229      | 20.1  | 16.4  | 24.6    |

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Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 53.817 ng

RT: 13.95 min Scan# 2017

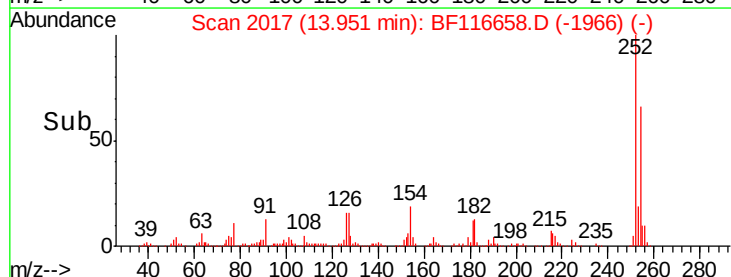
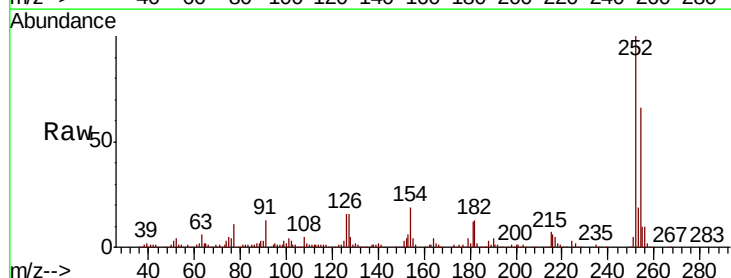
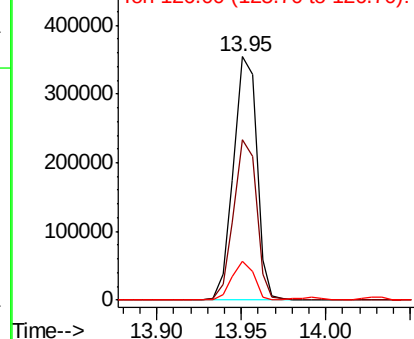
Delta R.T. 0.00 min

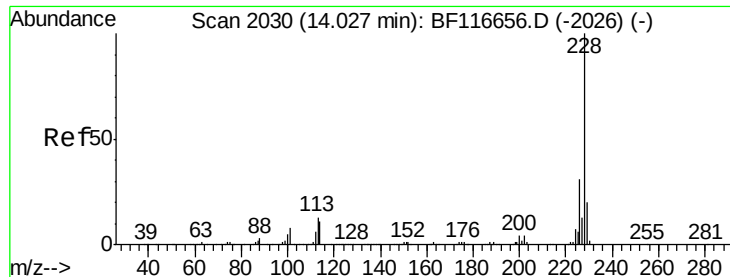
Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 342249 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 65.8  | 50.1  | 75.1   |
| 126      | 16.0  | 10.6  | 16.0   |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





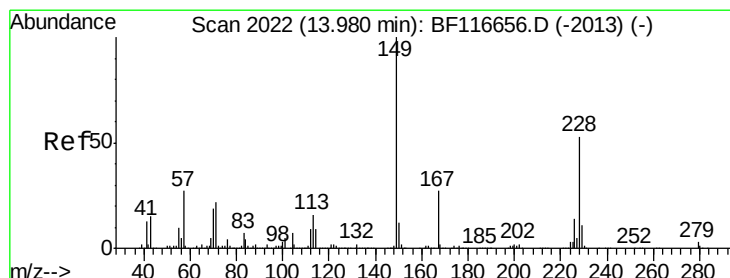
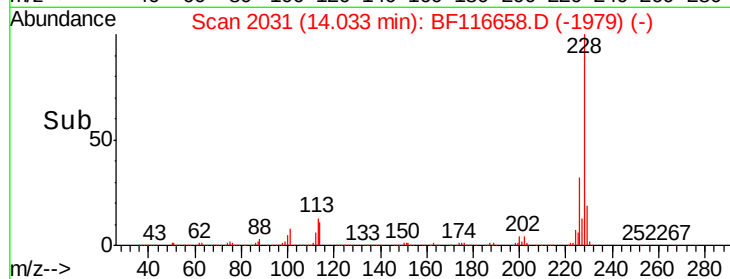
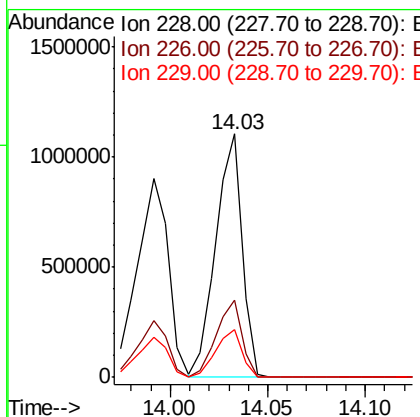
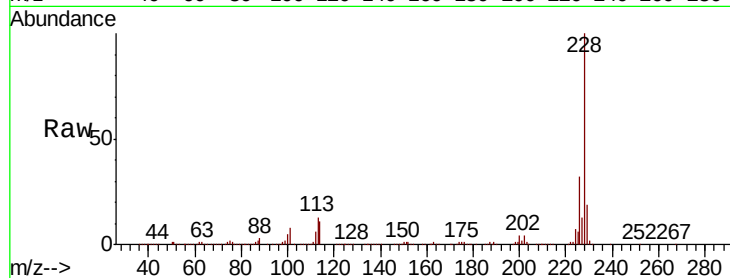
#83  
 Chrysene  
 Concen: 55.144 ng  
 RT: 14.03 min Scan# 2031  
 Delta R.T. 0.01 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.6  | 24.0  | 36.0  |
| 229     | 19.5  | 15.4  | 23.0  |

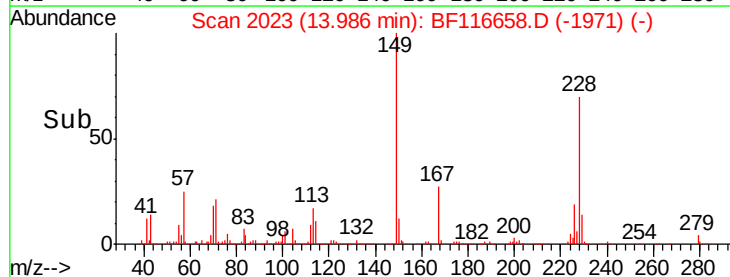
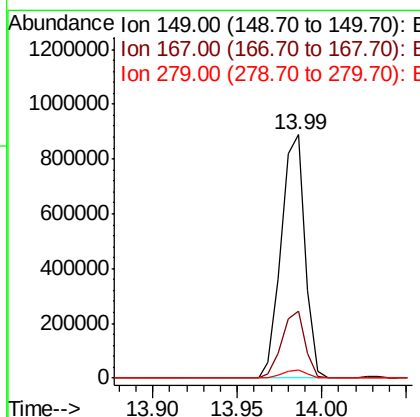
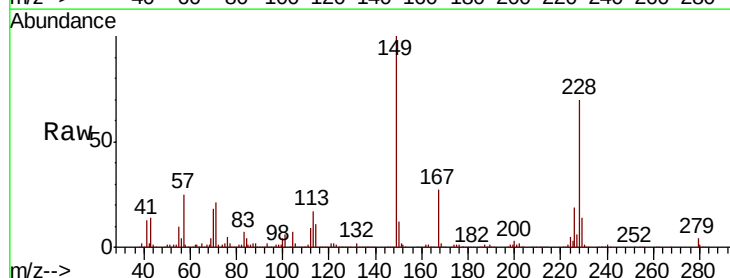
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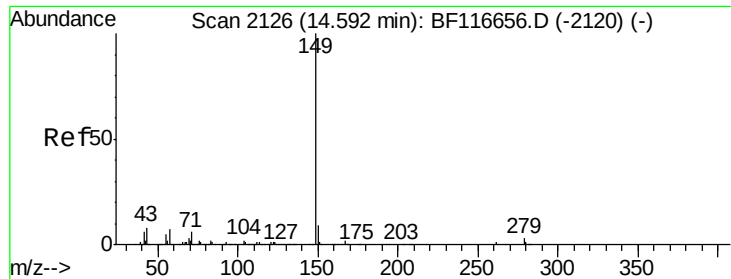
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 61.105 ng  
 RT: 13.99 min Scan# 2023  
 Delta R.T. 0.01 min  
 Lab File: BF116658.D  
 Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.3  | 21.0  | 31.4  |
| 279     | 3.5   | 2.8   | 4.2   |





#85

Di-n-octyl phthalate

Concen: 66.210 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 1435882

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

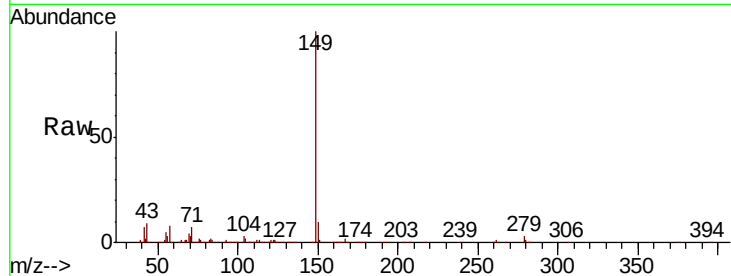
43 8.7 7.8 11.8

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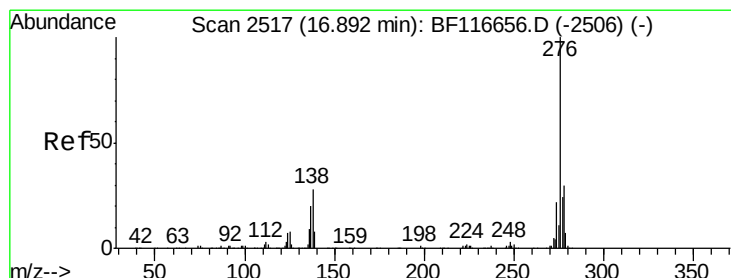
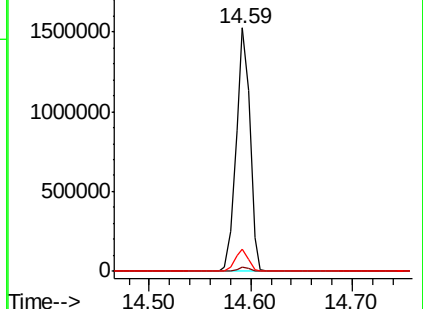
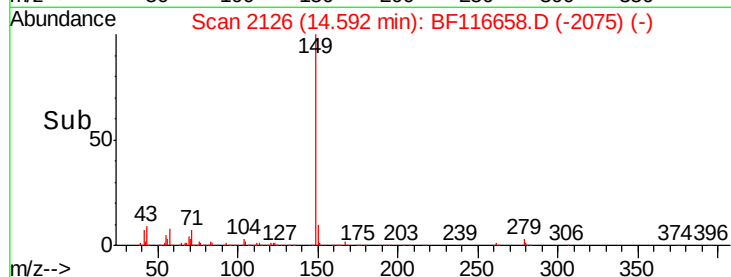
8/31/2019 2:45:15 PM



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): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.391 ng

RT: 16.90 min Scan# 2519

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

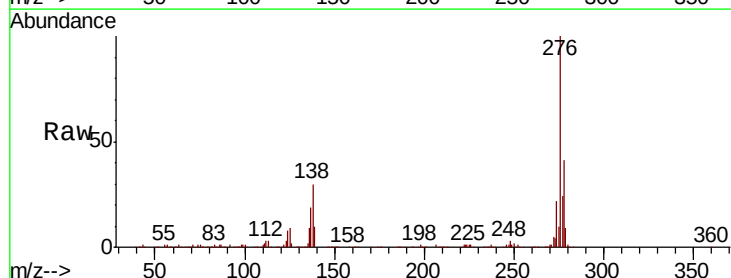
Tgt Ion:276 Resp: 920281

Ion Ratio Lower Upper

276 100

138 31.4 19.4 29.2#

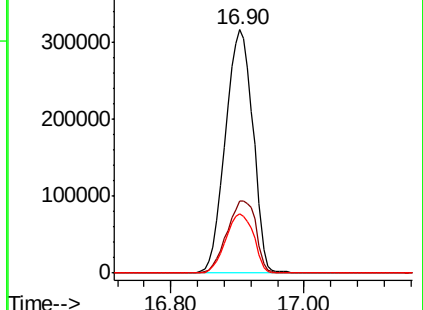
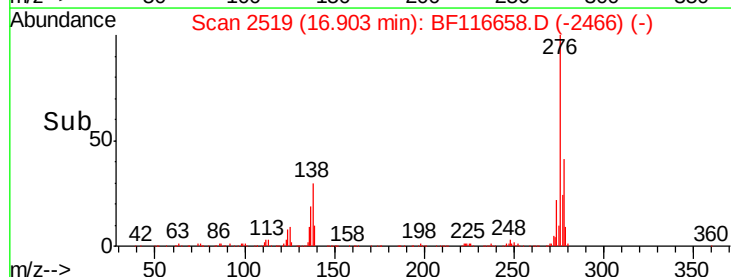
277 25.0 20.5 30.7

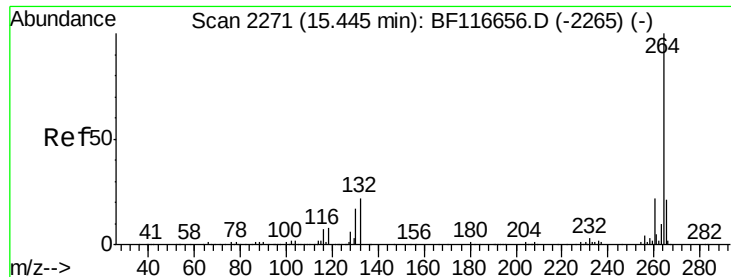


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

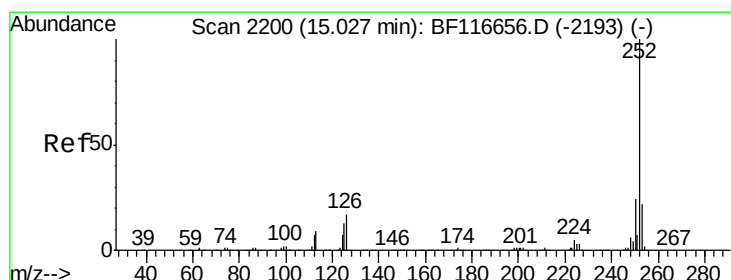
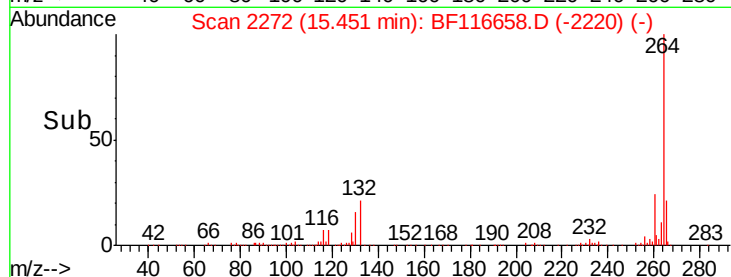
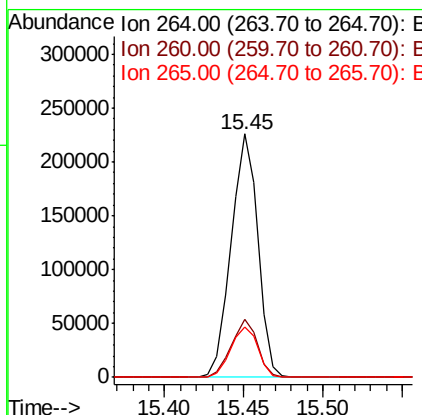
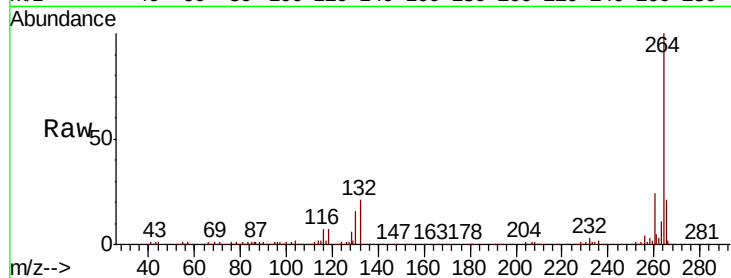
ClientSampleId :

SSTDICC060

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 264     | 100  |       |      |       |       |
| 260     | 23.9 | 18.3  | 27.5 |       |       |
| 265     | 20.8 | 16.5  | 24.7 |       |       |

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#88

Benzo(b)fluoranthene

Concen: 51.641 ng

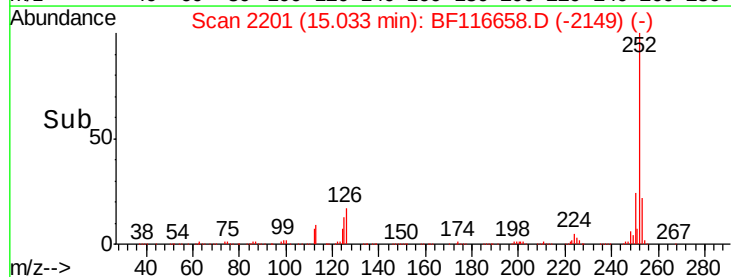
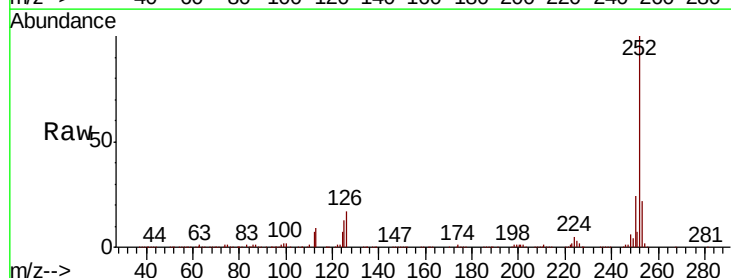
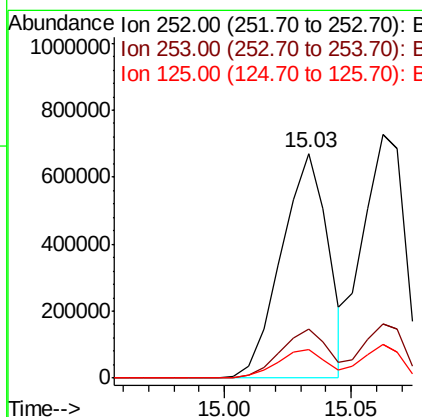
RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

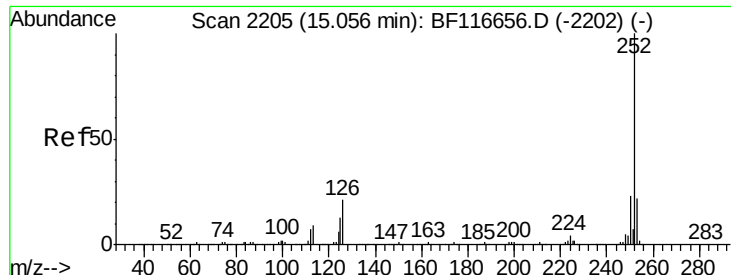
Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 252     | 100  |       |       |       |       |
| 253     | 22.0 | 17.7  | 26.5  |       |       |
| 125     | 12.9 | 8.2   | 12.2# |       |       |







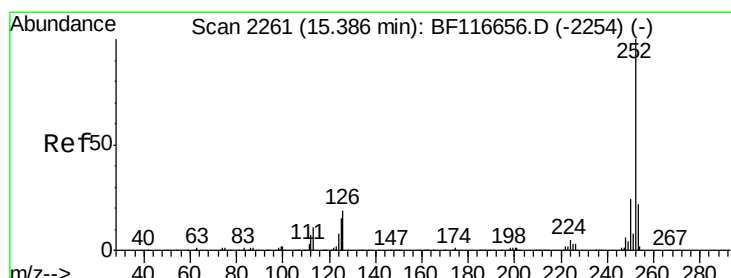
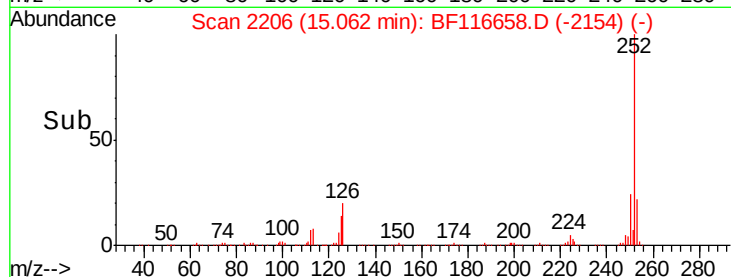
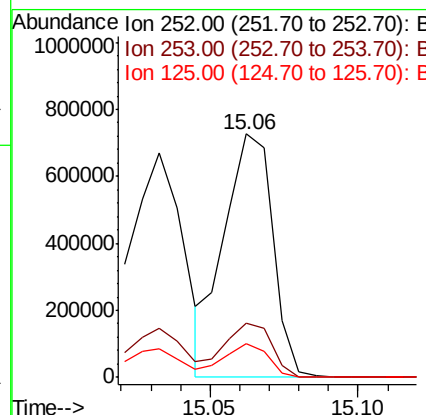
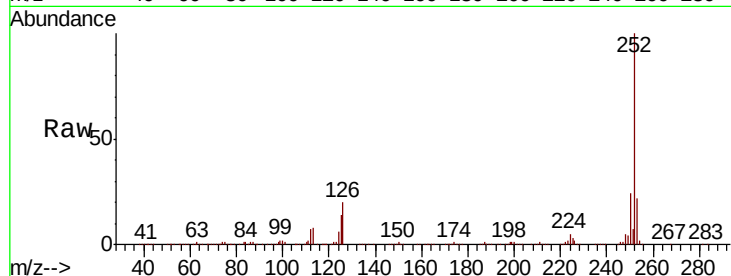
#89  
Benzo(k)fluoranthene  
Concen: 51.993 ng m  
RT: 15.06 min Scan# 2206  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.7  | 26.5  |
| 125     | 13.7  | 8.6   | 13.0  |

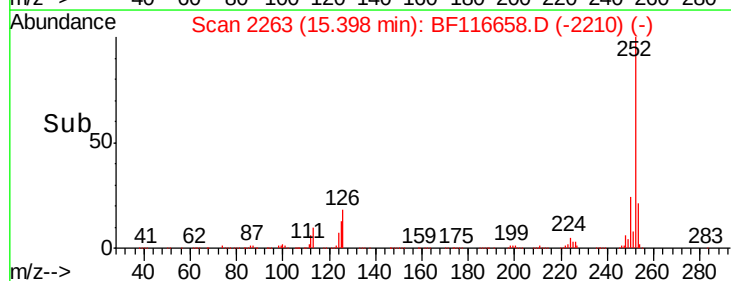
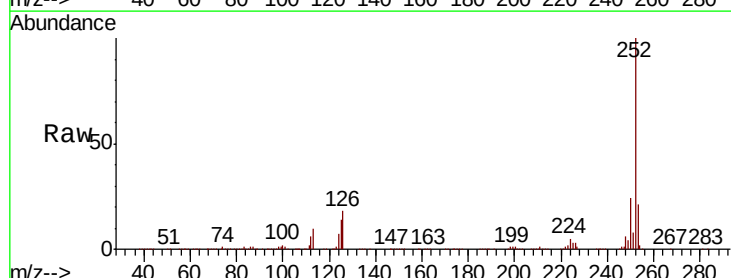
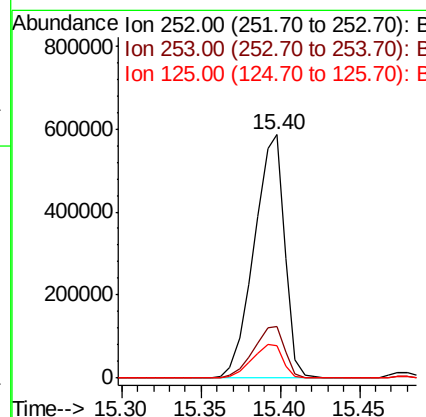
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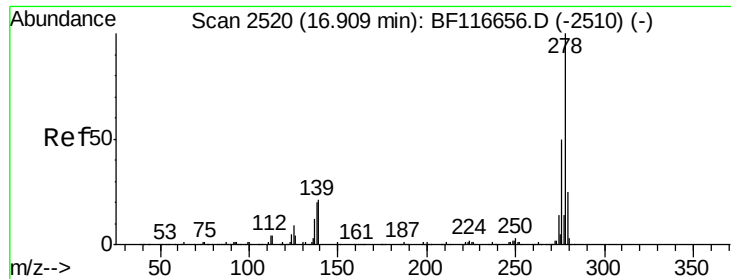
mohammad  
8/31/2019 2:45:15 PM



#90  
Benzo(a)pyrene  
Concen: 53.930 ng  
RT: 15.40 min Scan# 2263  
Delta R.T. 0.01 min  
Lab File: BF116658.D  
Acq: 30 Aug 2019 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 18.1  | 27.1  |
| 125     | 13.5  | 9.8   | 14.8  |





#91

Dibenzo(a,h)anthracene

Concen: 47.483 ng

RT: 16.93 min Scan# 2523

Delta R.T. 0.02 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA\_F

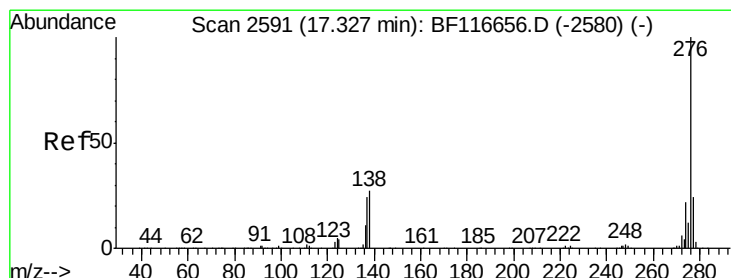
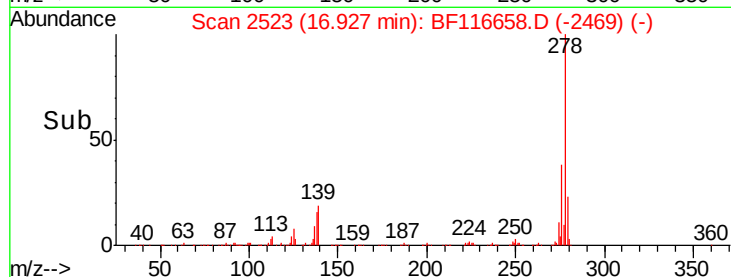
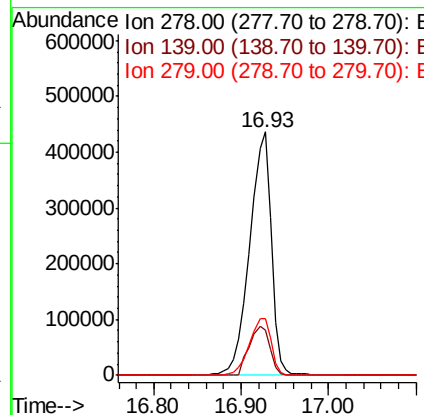
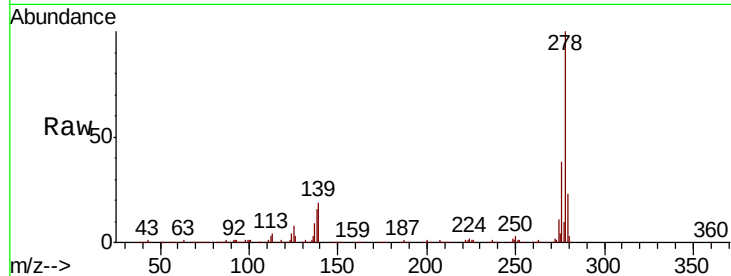
ClientSampleId :

SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 727058 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 18.7  | 12.4  | 18.6#  |
| 279       | 23.3  | 18.2  | 27.4   |

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#92

Benzo(g,h,i)perylene

Concen: 52.944 ng

RT: 17.34 min Scan# 2594

Delta R.T. 0.02 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 776538 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.4  | 18.5  | 27.7   |
| 138       | 27.4  | 16.2  | 24.2#  |

