

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\  
 Data File : BF117339.D  
 Acq On : 8 Oct 2019 14:38  
 Operator : JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 10/11/2019 8:29:14 AM

Quant Time: Oct 09 01:32:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 09 01:26:00 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 46480    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 196993   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.84  | 164  | 102245   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 164860   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 119835   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.43 | 264  | 105300   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 240903 | 80.92 | ng | 0.00 |
| 7) Phenol-d6             | 6.45  | 99  | 315902 | 82.11 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 309518 | 82.56 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 69593  | 81.44 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.16  | 172 | 565737 | 86.51 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.91 | 244 | 562202 | 87.69 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.53 | 88  | 47180  | 37.872 | ng | 99     |
| 3) Pyridine                    | 3.27 | 79  | 125768 | 36.884 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.22 | 42  | 41706  | 35.641 | ng | 100    |
| 6) Aniline                     | 6.47 | 93  | 199568 | 40.287 | ng | # 79   |
| 8) 2-Chlorophenol              | 6.59 | 128 | 130953 | 40.774 | ng | 98     |
| 9) Benzaldehyde                | 6.36 | 77  | 82005  | 43.477 | ng | 99     |
| 10) Phenol                     | 6.46 | 94  | 169887 | 40.053 | ng | 76     |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 125912 | 40.390 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 148610 | 41.235 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 152280 | 41.404 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 141670 | 41.372 | ng | 98     |
| 15) Benzyl Alcohol             | 6.95 | 79  | 122391 | 41.482 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 135132 | 43.876 | ng | 73     |
| 17) 2-Methylphenol             | 7.07 | 107 | 111082 | 41.268 | ng | # 91   |
| 18) Hexachloroethane           | 7.31 | 117 | 59160  | 41.812 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 102943 | 43.939 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 141862 | 42.311 | ng | # 87   |
| 22) Acetophenone               | 7.22 | 105 | 207628 | 41.484 | ng | 97     |
| 24) Nitrobenzene               | 7.39 | 77  | 150014 | 40.517 | ng | 99     |
| 25) Isophorone                 | 7.63 | 82  | 268856 | 40.501 | ng | 98     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 67255  | 42.289 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 102933 | 40.814 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 174068 | 42.560 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 109825 | 41.560 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 118316 | 41.442 | ng | 100    |
| 31) Naphthalene                | 8.11 | 128 | 398665 | 42.079 | ng | 98     |
| 32) Benzoic acid               | 7.89 | 122 | 58578m | 33.129 | ng |        |
| 33) 4-Chloroaniline            | 8.16 | 127 | 171651 | 40.849 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 69076  | 42.646 | ng | 97     |
| 35) Caprolactam                | 8.53 | 113 | 35379  | 39.554 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 122249 | 39.675 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 268928 | 42.153 | ng | 97     |
| 38) 1-Methylnaphthalene        | 8.90 | 142 | 252803 | 42.309 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 111448 | 42.211 | ng | 98     |

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 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

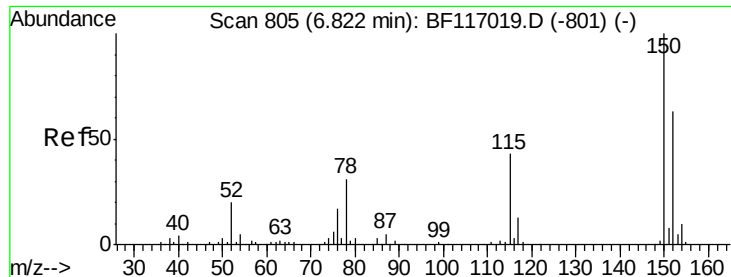
mohammad  
 10/11/2019 8:29:14 AM

Quant Time: Oct 09 01:32:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 09 01:26:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.95  | 237  | 34989    | 34.887 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 68541    | 38.254 | nq    | 94       |
| 44) 2,4,5-Trichlorophenol      | 9.13  | 196  | 69437    | 36.272 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 9.26  | 154  | 335181   | 41.793 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.29  | 162  | 260493   | 41.155 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.39  | 65   | 83138    | 40.950 | nq    | 89       |
| 49) Acenaphthylene             | 9.70  | 152  | 387637   | 40.881 | nq    | 99       |
| 50) Dimethylphthalate          | 9.56  | 163  | 293475   | 40.538 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.63  | 165  | 62269    | 42.232 | nq #  | 85       |
| 52) Acenaphthene               | 9.87  | 154  | 229875   | 40.897 | nq    | 98       |
| 53) 3-Nitroaniline             | 9.80  | 138  | 74783    | 40.199 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.93  | 184  | 21667    | 39.300 | nq    | 97       |
| 55) Dibenzofuran               | 10.05 | 168  | 342830   | 41.339 | nq    | 100      |
| 56) 4-Nitrophenol              | 9.99  | 139  | 38602    | 32.017 | nq    | 93       |
| 57) 2,4-Dinitrotoluene         | 10.04 | 165  | 82942    | 43.336 | nq #  | 87       |
| 58) Fluorene                   | 10.39 | 166  | 285000   | 42.662 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 55251    | 37.716 | nq    | 96       |
| 60) Diethylphthalate           | 10.26 | 149  | 301857   | 42.382 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 126487   | 43.762 | nq    | 96       |
| 62) 4-Nitroaniline             | 10.42 | 138  | 78095    | 40.367 | nq    | 94       |
| 63) Azobenzene                 | 10.54 | 77   | 303740   | 41.755 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 30799    | 42.007 | nq    | 89       |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 247718   | 43.508 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 71486    | 42.460 | nq    | 91       |
| 68) Hexachlorobenzene          | 10.94 | 284  | 75588    | 41.048 | nq    | 98       |
| 69) Atrazine                   | 11.02 | 200  | 51552    | 34.067 | nq    | 94       |
| 70) Pentachlorophenol          | 11.14 | 266  | 29636    | 34.333 | nq    | 87       |
| 71) Phenanthrene               | 11.35 | 178  | 391863   | 41.848 | nq    | 99       |
| 72) Anthracene                 | 11.40 | 178  | 405400   | 42.406 | nq    | 98       |
| 73) Carbazole                  | 11.56 | 167  | 370950   | 40.879 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.88 | 149  | 496720   | 46.008 | nq    | 98       |
| 75) Fluoranthene               | 12.54 | 202  | 402161   | 41.798 | nq    | 98       |
| 77) Benzidine                  | 12.66 | 184  | 153167   | 39.679 | nq    | 98       |
| 78) Pyrene                     | 12.77 | 202  | 406519   | 40.429 | nq    | 98       |
| 80) Butylbenzylphthalate       | 13.37 | 149  | 205346   | 43.220 | nq    | 97       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 328182   | 40.990 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 104928   | 40.670 | nq    | 99       |
| 83) Chrysene                   | 14.00 | 228  | 323412   | 41.417 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.93 | 149  | 284160   | 46.386 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 14.54 | 149  | 440673   | 45.704 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.89 | 276  | 207190   | 36.368 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 271601   | 42.581 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 237513   | 39.310 | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.37 | 252  | 230894   | 41.252 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.89 | 278  | 172415   | 38.668 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.32 | 276  | 156483   | 35.218 | nq    | 99       |

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





#1

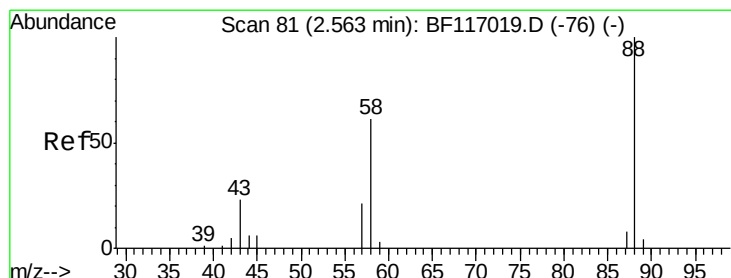
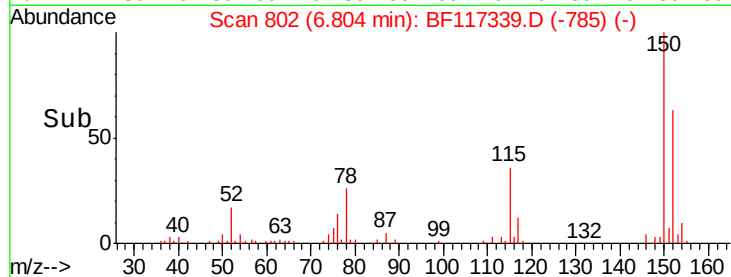
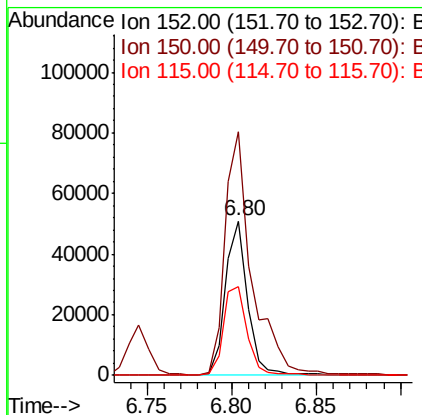
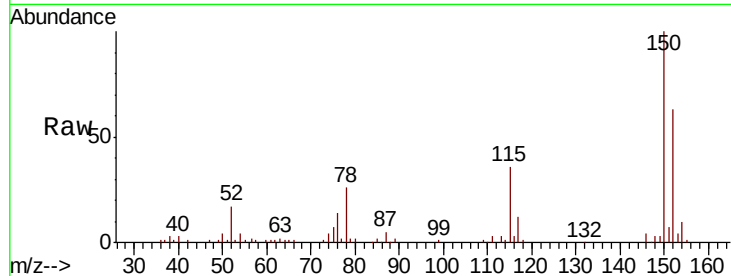
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.6 | 127.5 | 191.3 |
| 115     | 57.5  | 55.0  | 82.4  |

Manual Integrations  
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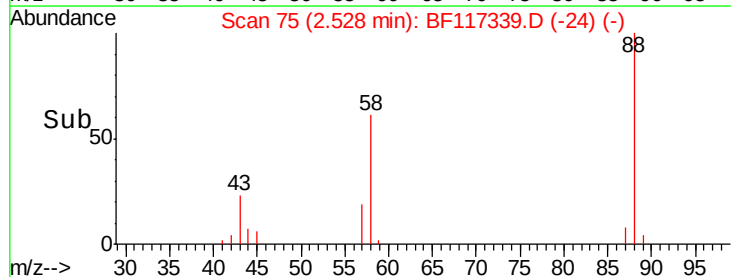
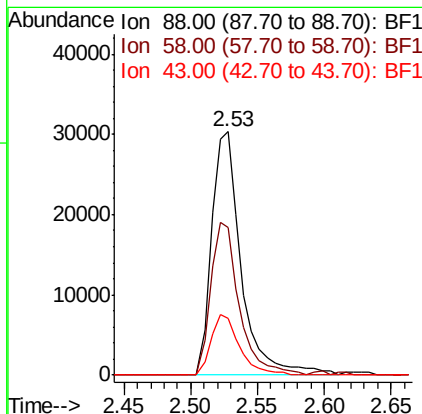
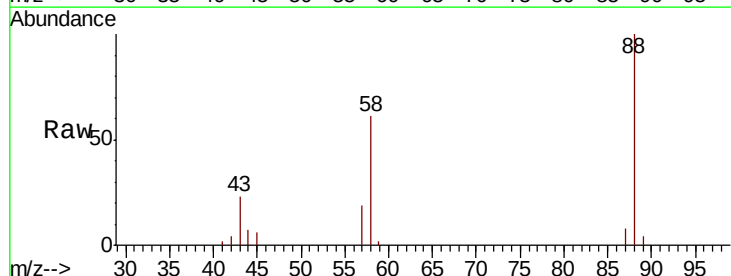
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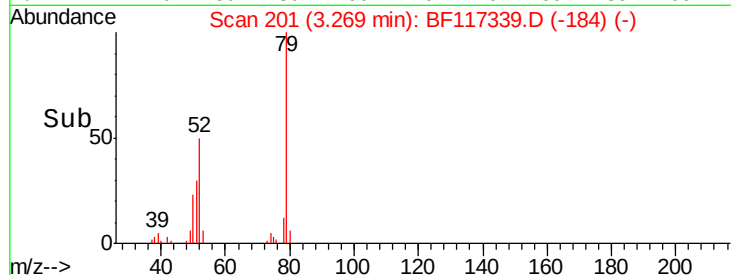
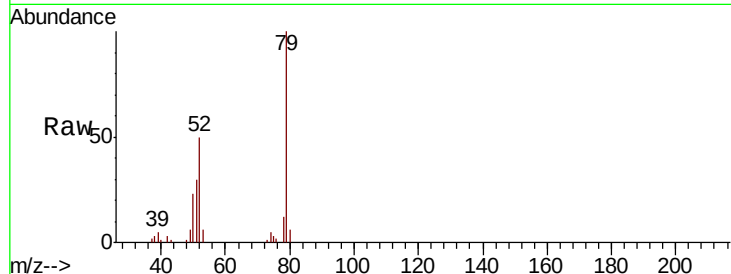
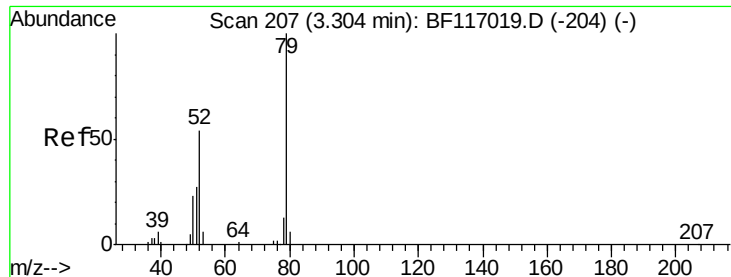


#2

1,4-Dioxane  
Concen: 37.872 ng  
RT: 2.53 min Scan# 75  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 60.6  | 49.3  | 73.9  |
| 43      | 23.8  | 18.8  | 28.2  |





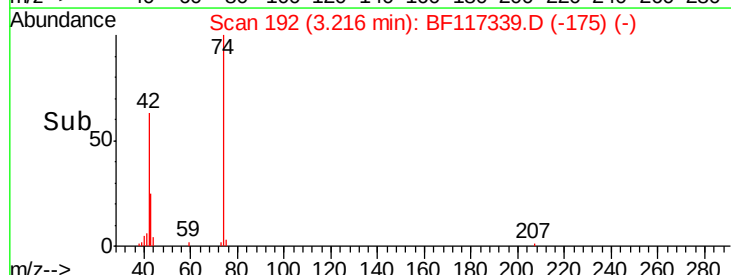
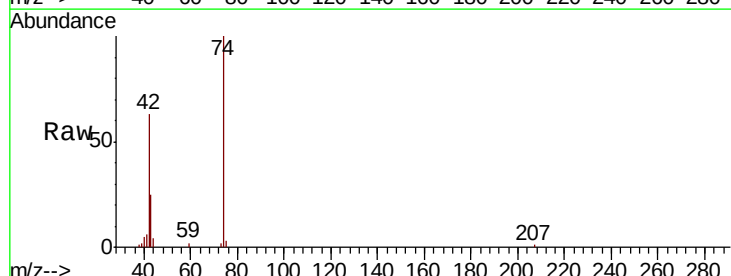
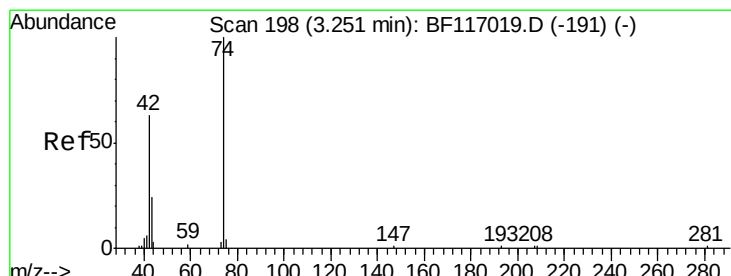
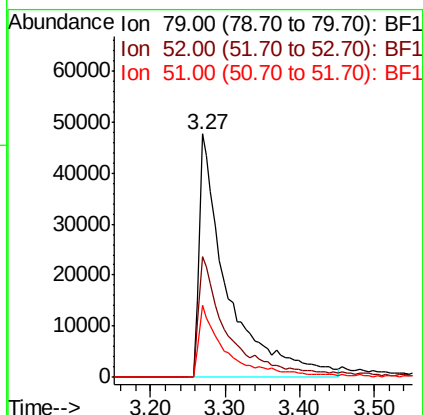
#3  
Pvridine  
Concen: 36.884 ng  
RT: 3.27 min Scan# 201  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 79      | 100  |       | 125768 |       |       |
| 52      | 49.8 | 43.5  | 65.3   |       |       |
| 51      | 29.6 | 21.8  | 32.6   |       |       |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

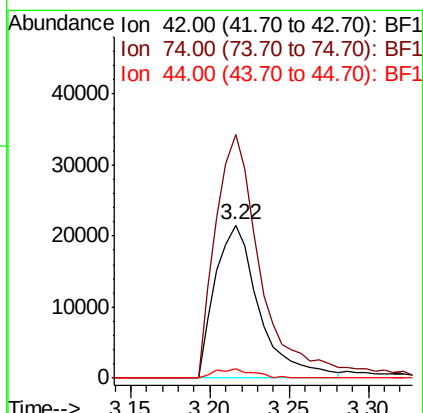
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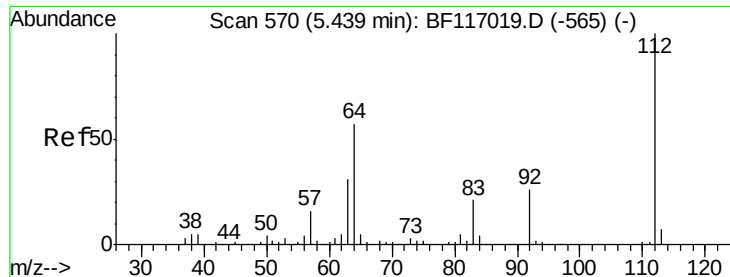
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10/11/2019 8:29:14 AM



#4  
n-Nitrosodimethylamine  
Concen: 35.641 ng  
RT: 3.22 min Scan# 192  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 42      | 100   |       | 41706 |       |       |
| 74      | 159.1 | 127.1 | 190.7 |       |       |
| 44      | 5.7   | 4.3   | 6.5   |       |       |





#5

2-Fluorophenol

Concen: 80.919 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA\_F

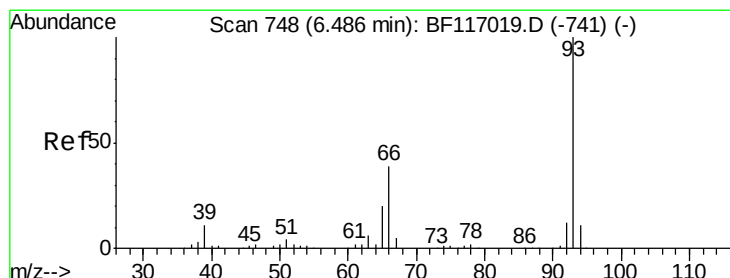
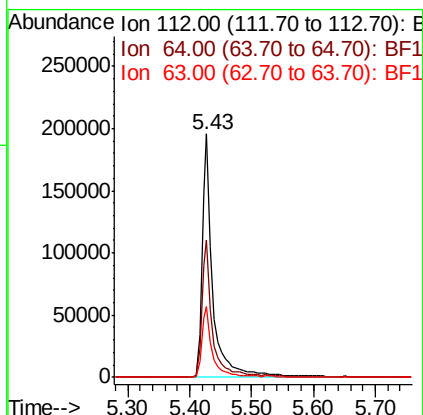
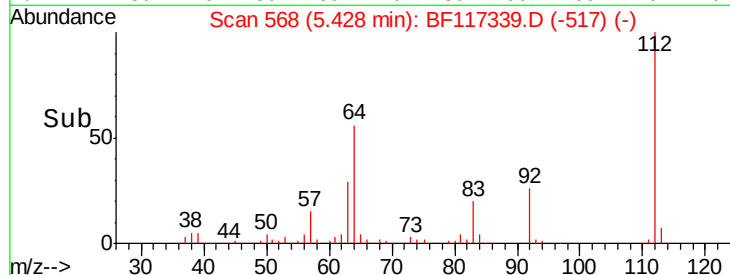
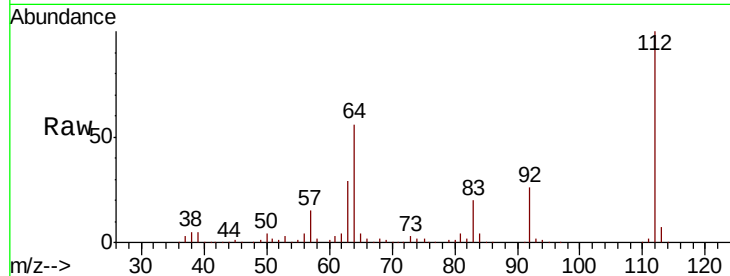
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 240903 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 56.4  | 45.7  | 68.5   |
| 63        | 29.2  | 24.9  | 37.3   |

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#6

Aniline

Concen: 40.287 ng

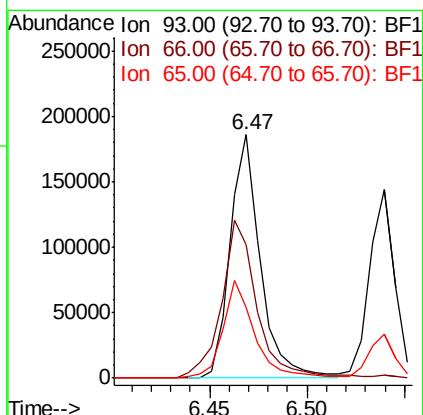
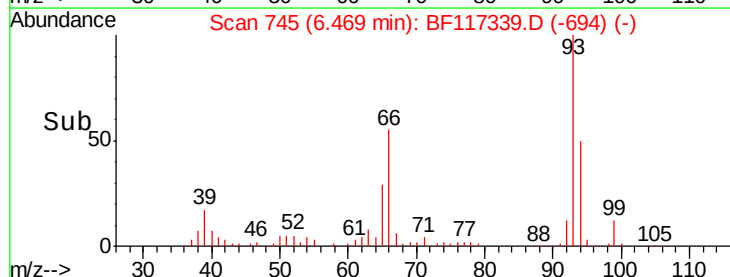
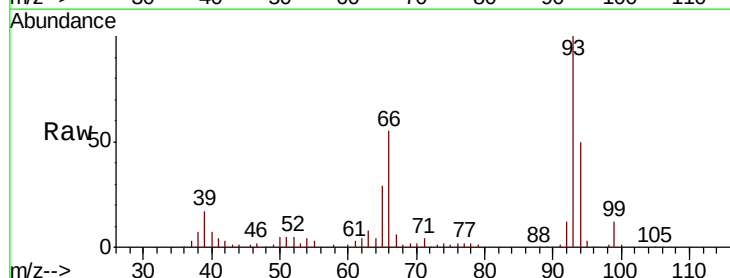
RT: 6.47 min Scan# 745

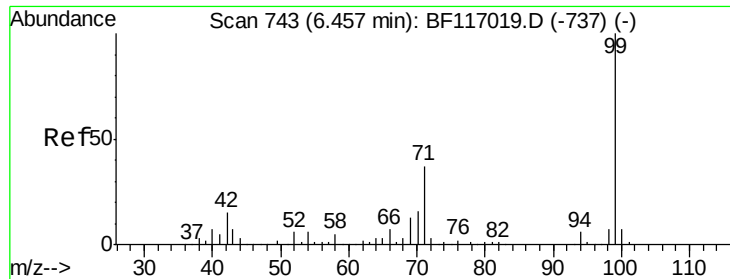
Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 199568 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 54.9  | 32.6  | 49.0#  |
| 65        | 29.0  | 16.7  | 25.1#  |





#7

Phenol-d6

Concen: 82.106 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA\_F

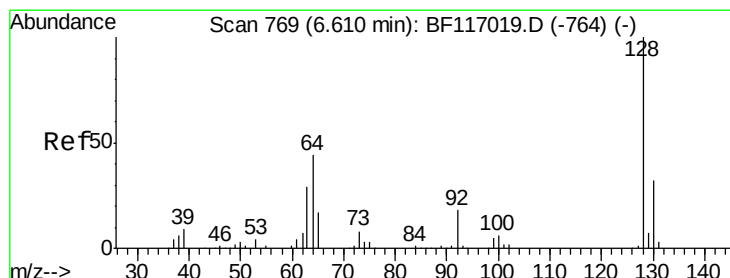
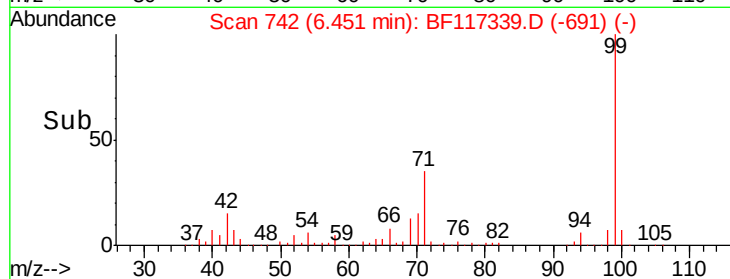
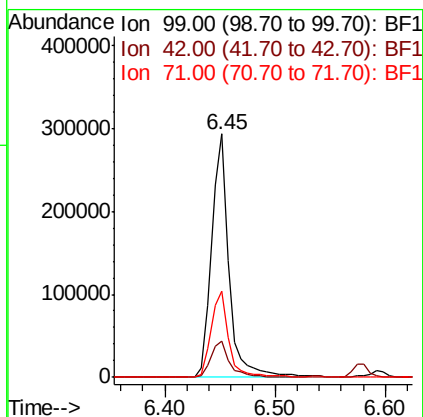
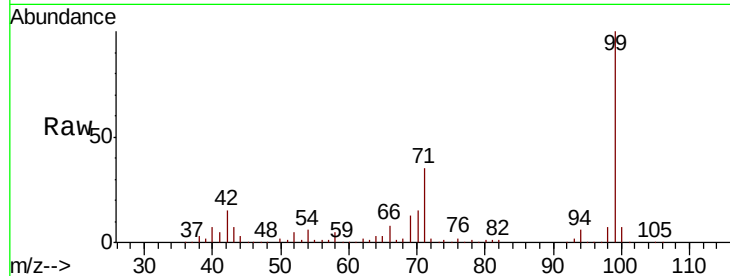
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 315902 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.7  | 12.2  | 18.2   |
| 71        | 35.2  | 29.8  | 44.8   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 40.774 ng

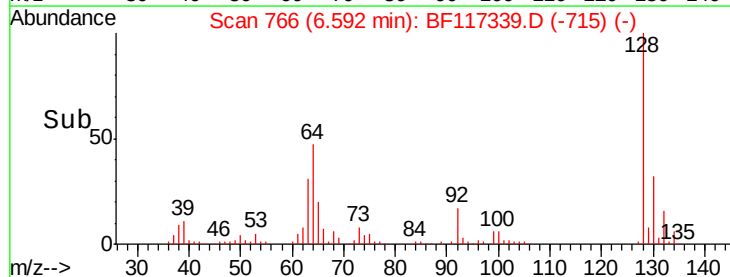
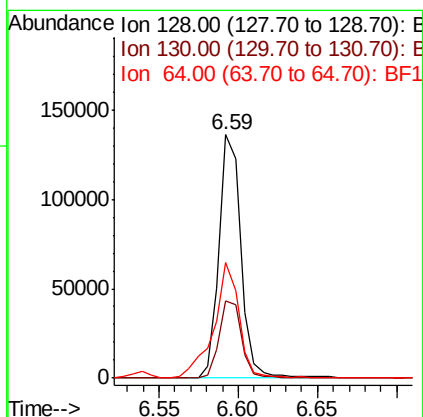
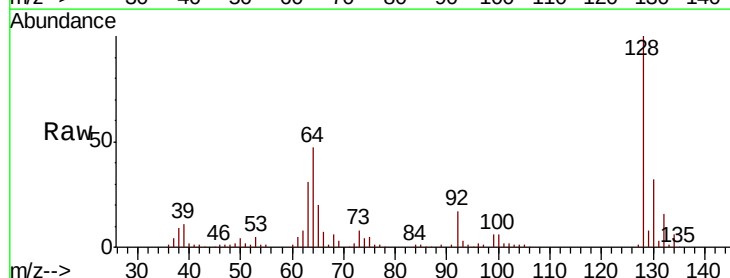
RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

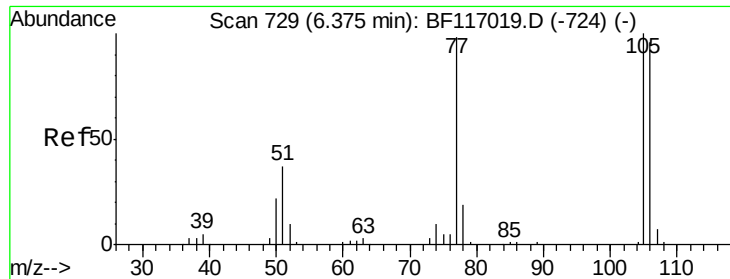
Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 130953 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.0  | 11.8  | 51.8   |
| 64        | 47.3  | 25.0  | 65.0   |







#9

Benzaldehyde

Concen: 43.477 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA\_F

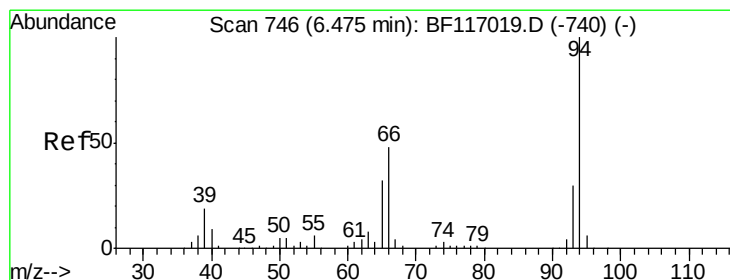
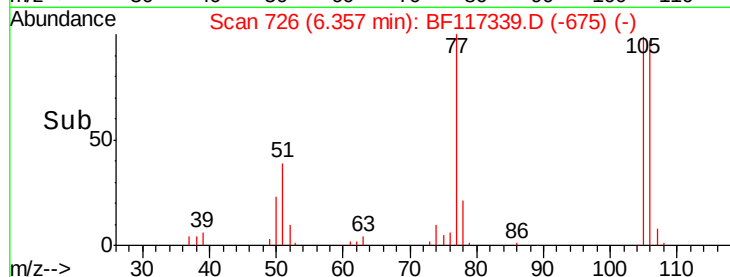
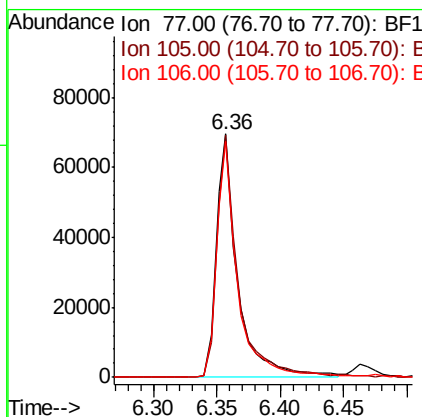
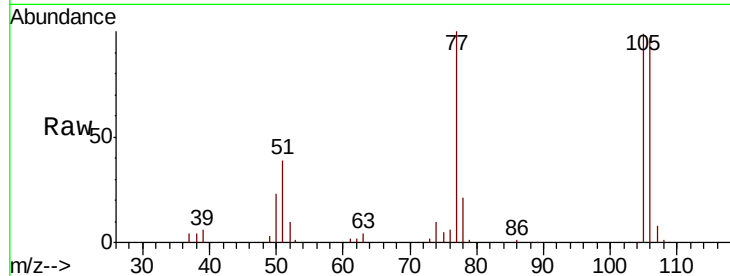
ClientSampleId :

SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 82005 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 99.3  | 81.8  | 121.8 |
| 106      | 97.1  | 77.3  | 117.3 |

Manual Integrations  
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mohammad  
10/11/2019 8:29:14 AM



#10

Phenol

Concen: 40.053 ng

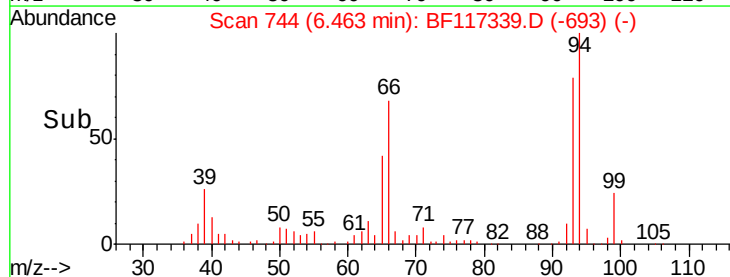
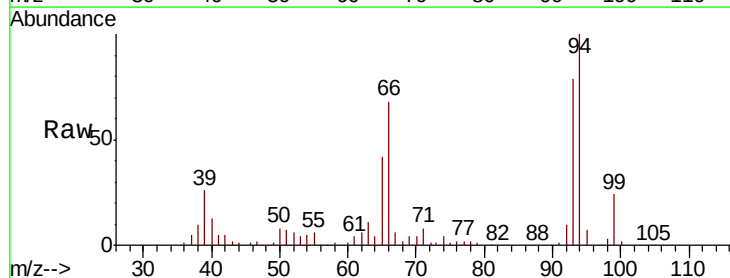
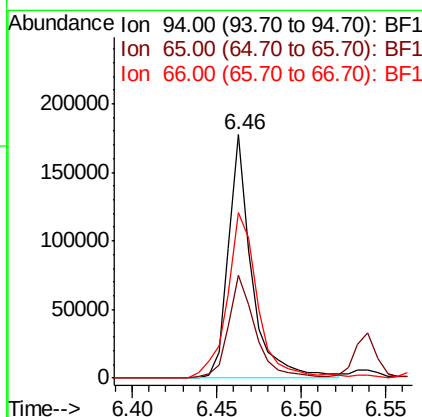
RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

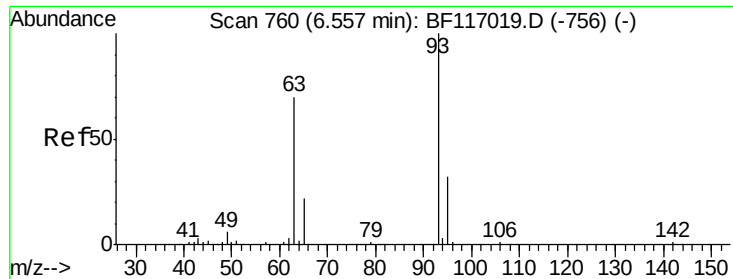
Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 169887 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 42.1  | 12.5  | 52.5   |
| 66       | 68.0  | 28.9  | 68.9   |







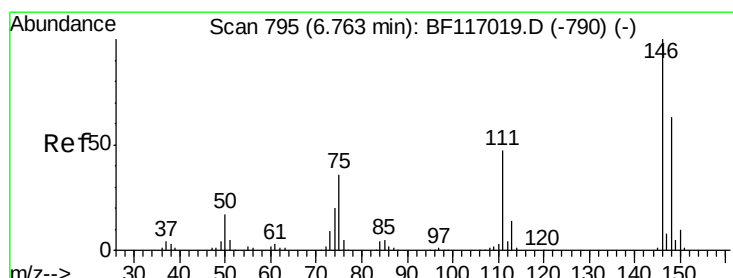
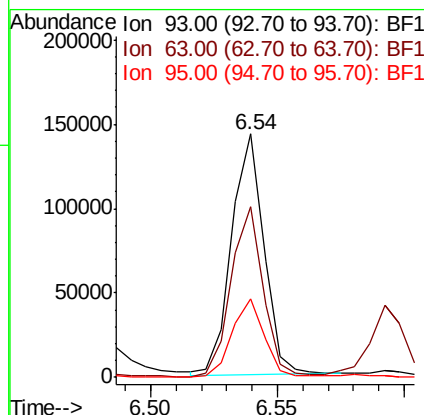
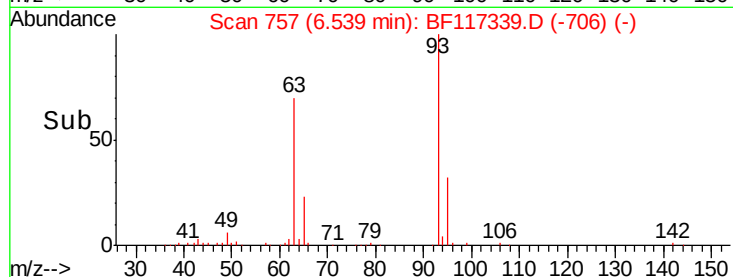
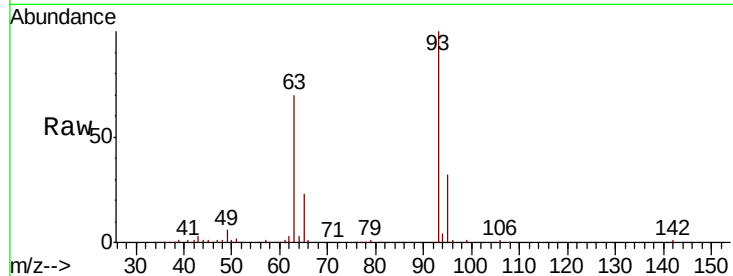
#11  
bis(2-Chloroethyl)ether  
Concen: 40.390 ng  
RT: 6.54 min Scan# 757  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 125912 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 70.2  | 49.3  | 89.3   |
| 95        | 32.1  | 11.5  | 51.5   |

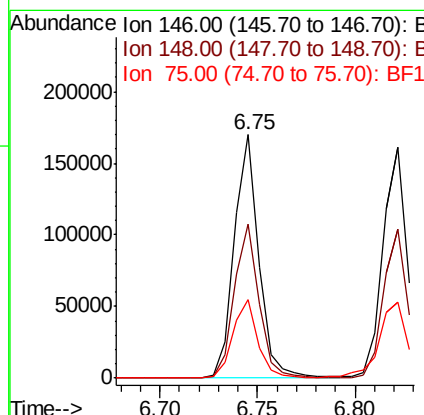
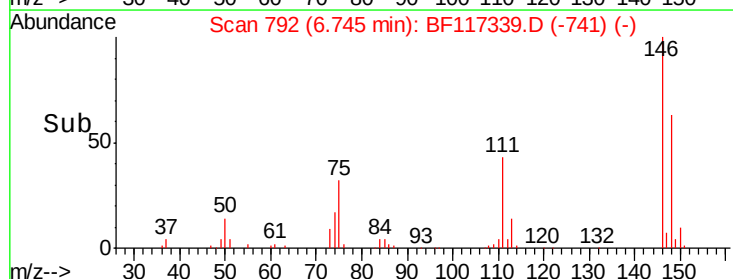
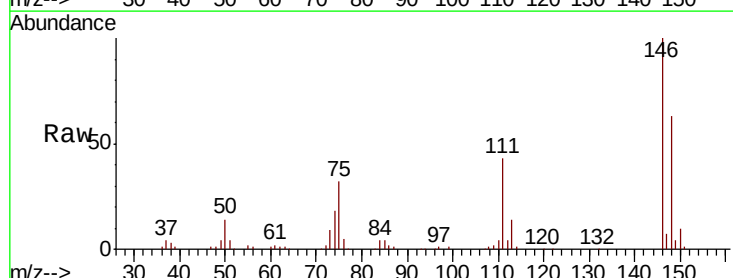
Manual Integrations  
APPROVED

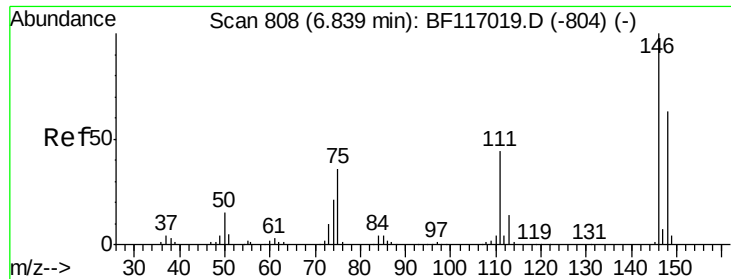
mohammad  
10/11/2019 8:29:14 AM



#12  
1,3-Dichlorobenzene  
Concen: 41.235 ng  
RT: 6.75 min Scan# 792  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 148610 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.3  | 50.8  | 76.2   |
| 75        | 32.2  | 28.7  | 43.1   |





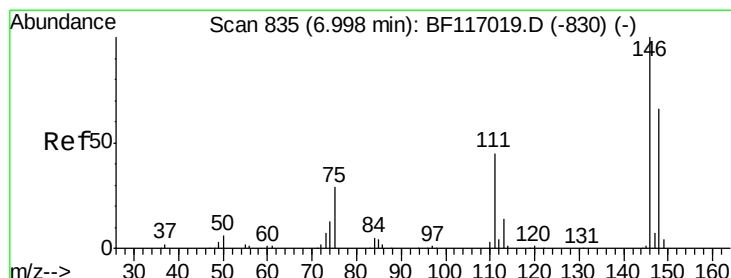
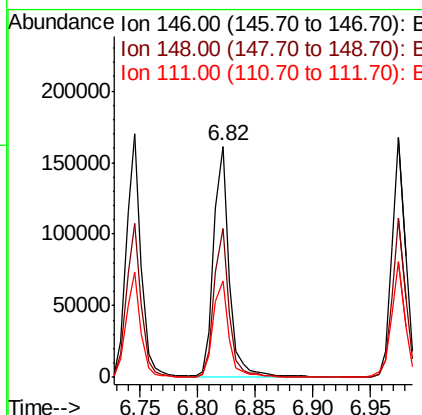
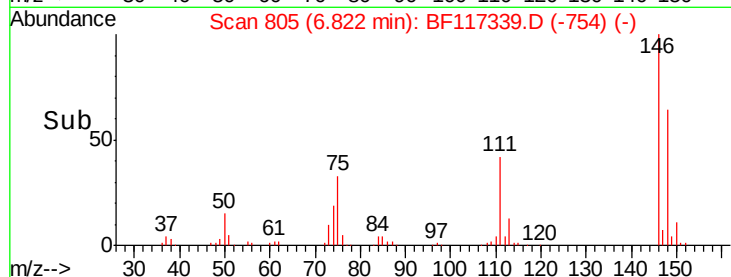
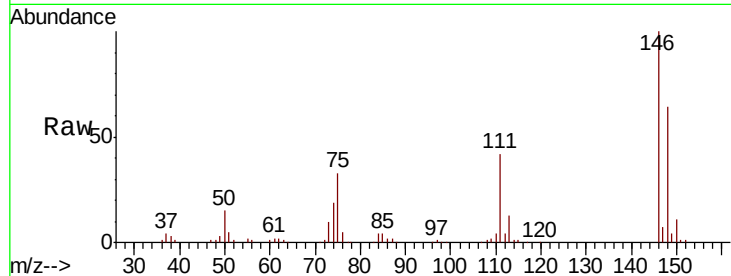
#13  
1,4-Dichlorobenzene  
Concen: 41.404 ng  
RT: 6.82 min Scan# 805  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 50.6  | 76.0  |
| 111     | 41.7  | 35.0  | 52.6  |

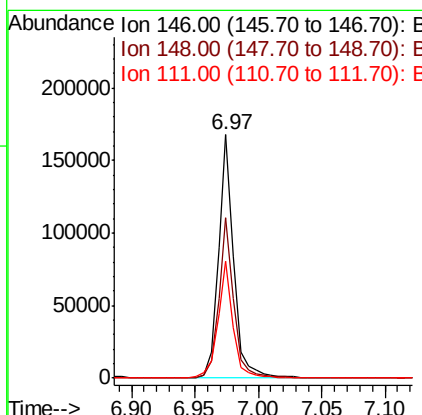
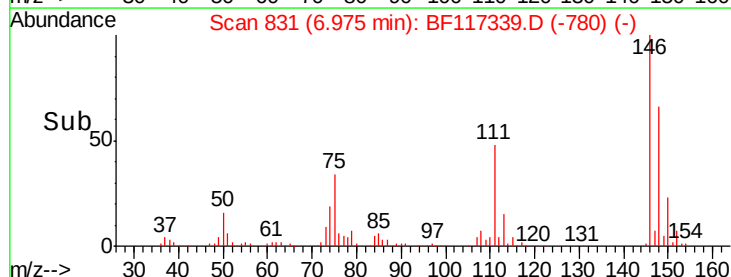
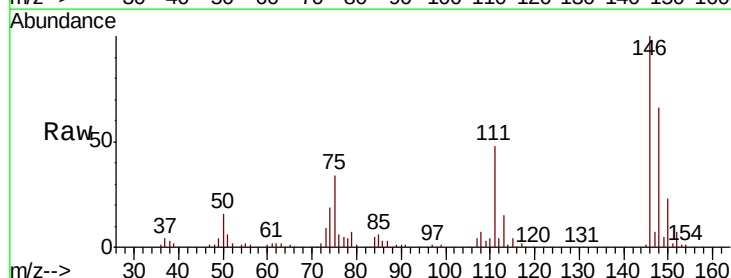
Manual Integrations  
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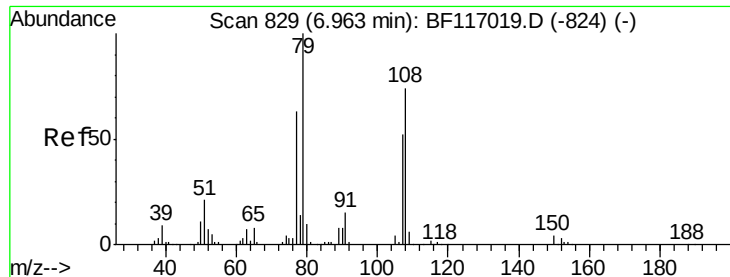
mohammad  
10/11/2019 8:29:14 AM



#14  
1,2-Dichlorobenzene  
Concen: 41.372 ng  
RT: 6.97 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.0  | 52.6  | 78.8  |
| 111     | 48.0  | 36.2  | 54.2  |





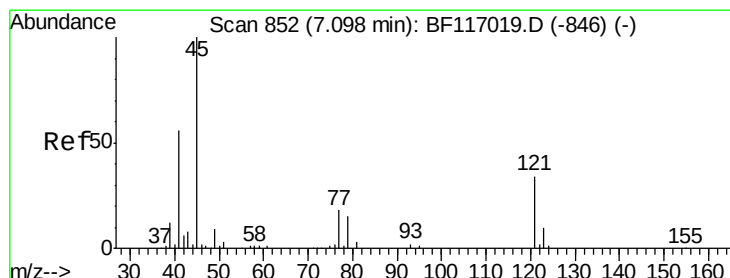
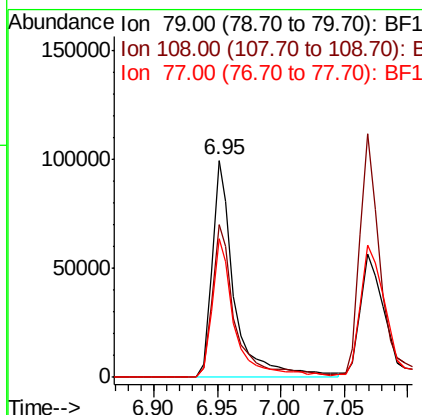
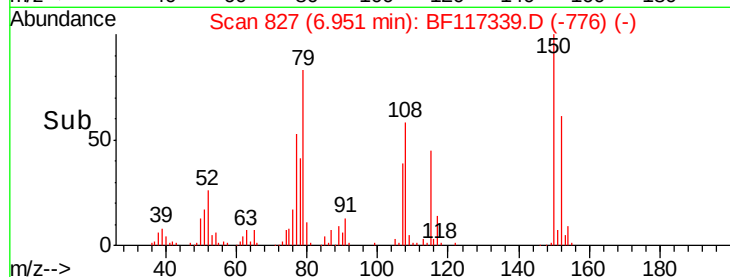
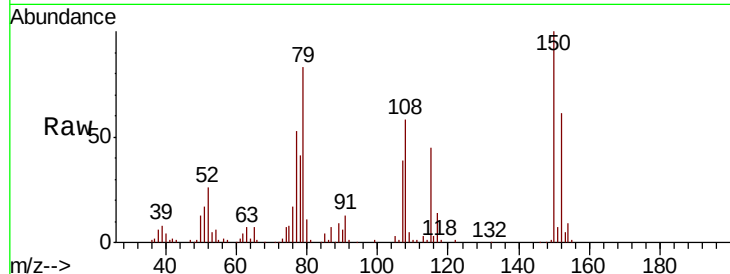
#15  
Benzyl Alcohol  
Concen: 41.482 ng  
RT: 6.95 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 70.3  | 59.4  | 89.0  |
| 77      | 63.8  | 50.2  | 75.2  |

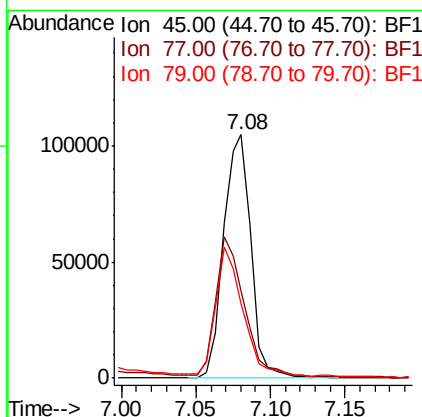
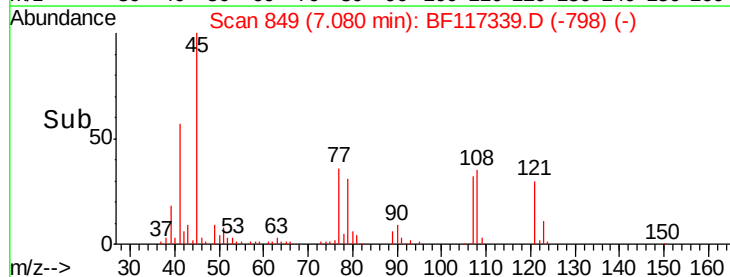
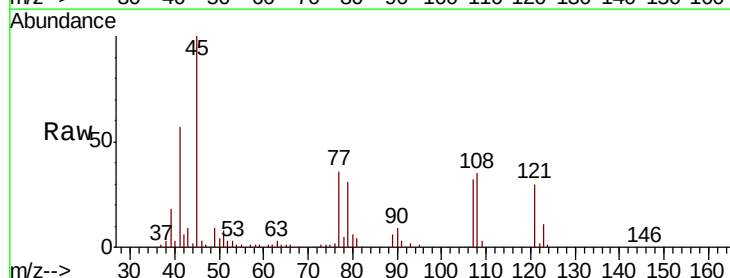
Manual Integrations  
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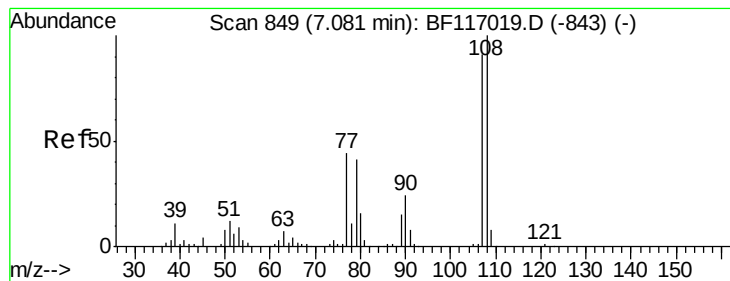
mohammad  
10/11/2019 8:29:14 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.876 ng  
RT: 7.08 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 35.9  | 2.7   | 42.7  |
| 79      | 30.9  | 0.0   | 38.9  |





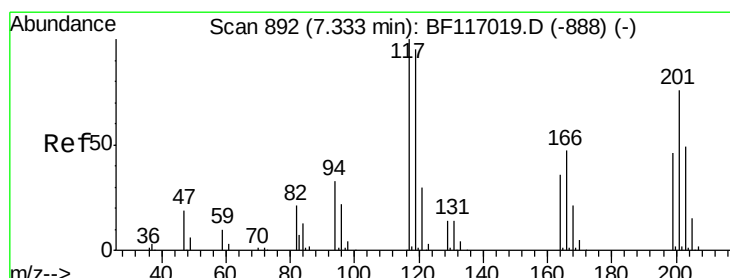
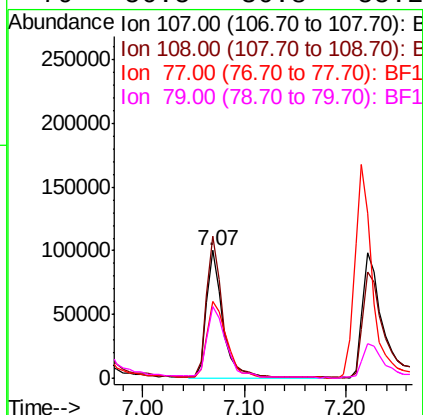
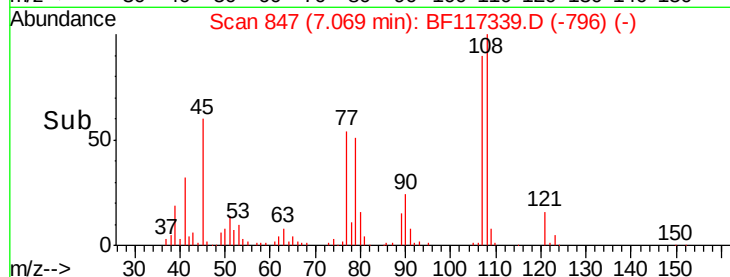
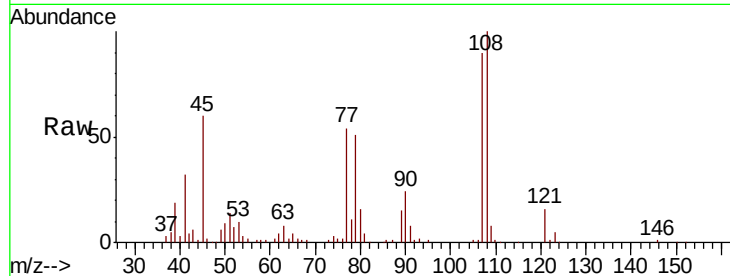
#17  
2-Methylphenol  
Concen: 41.268 ng  
RT: 7.07 min Scan# 847  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.6 | 87.7 | 131.5 |       |
| 77      | 60.6  | 38.6 | 58.0  |       |
| 79      | 56.5  | 36.8 | 55.2  |       |

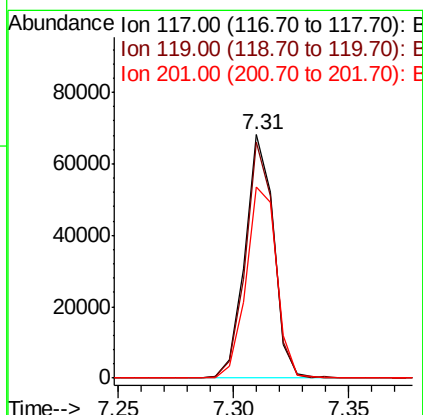
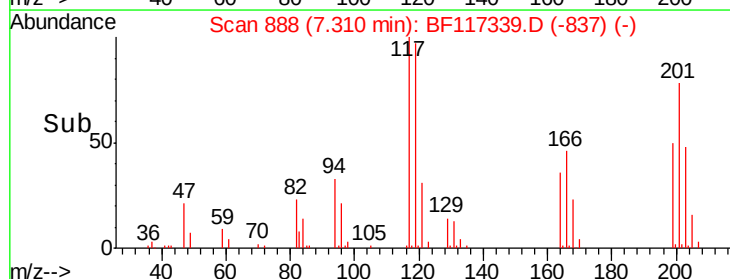
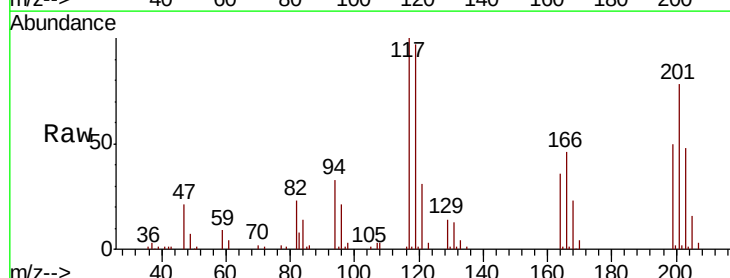
Manual Integrations  
APPROVED

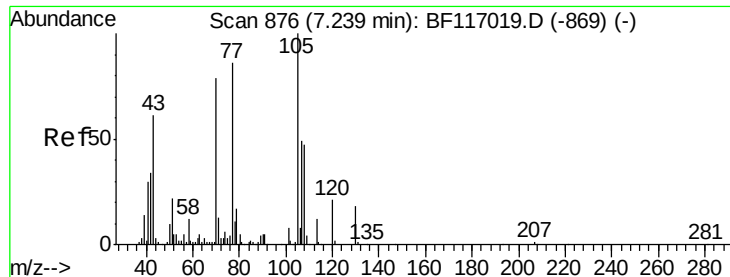
mohammad  
10/11/2019 8:29:14 AM



#18  
Hexachloroethane  
Concen: 41.812 ng  
RT: 7.31 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.8  | 75.8 | 113.8 |       |
| 201     | 78.3  | 60.9 | 91.3  |       |





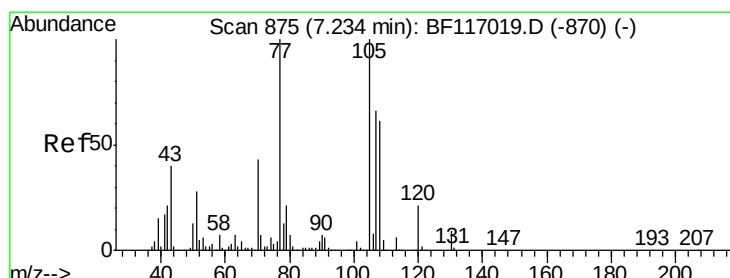
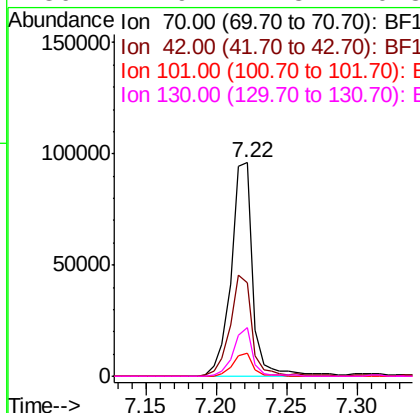
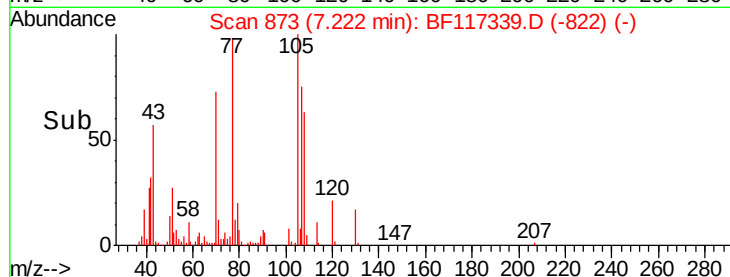
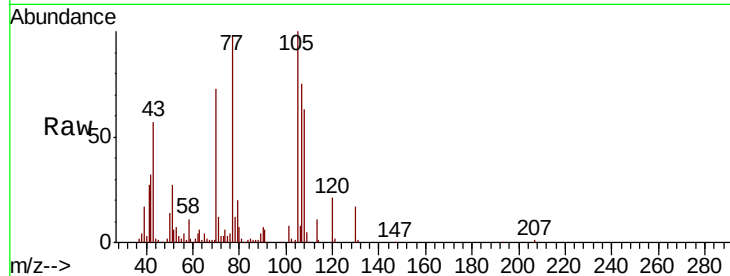
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.939 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 43.6  | 34.0  | 51.0  |
| 101     | 10.6  | 7.8   | 11.6  |
| 130     | 22.9  | 17.8  | 26.8  |

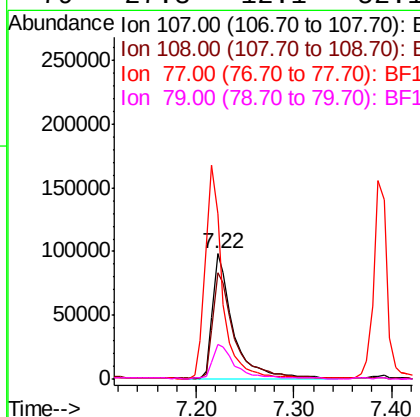
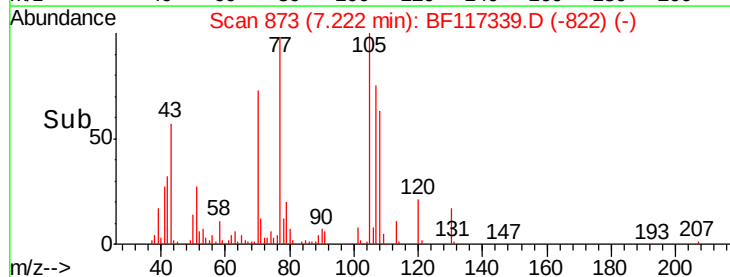
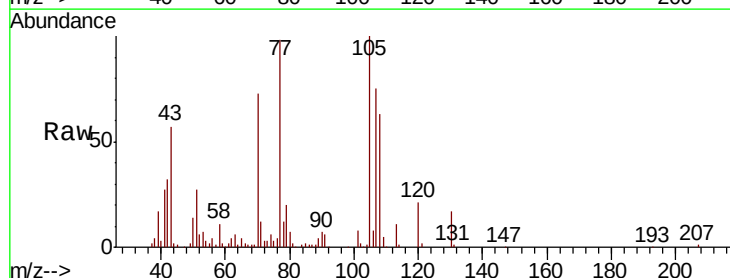
Manual Integrations  
APPROVED

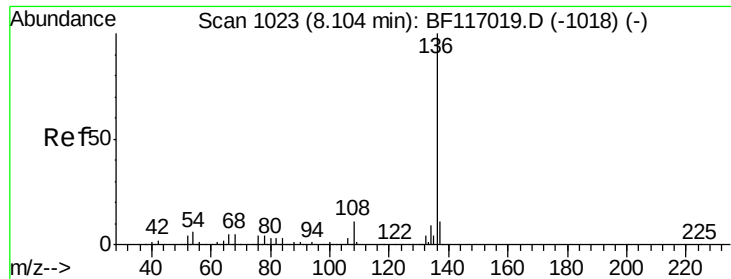
mohammad  
10/11/2019 8:29:14 AM



#20  
3+4-Methylphenols  
Concen: 42.311 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 84.7  | 72.6  | 112.6  |
| 77      | 131.6 | 132.1 | 172.1# |
| 79      | 27.3  | 12.1  | 52.1   |





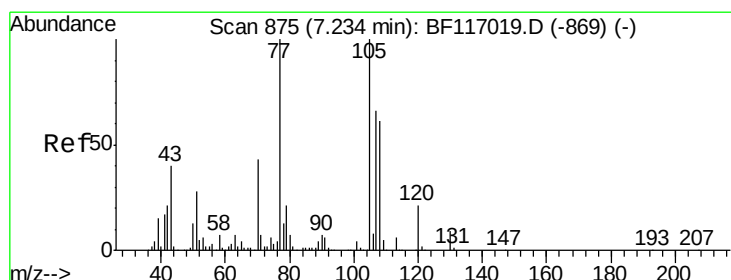
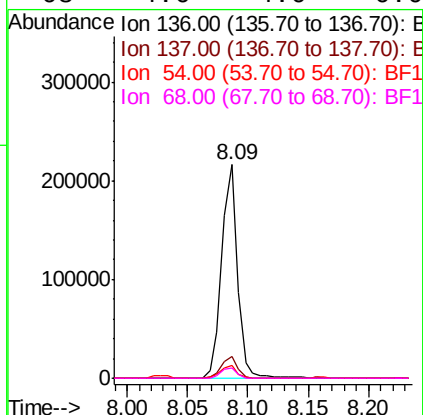
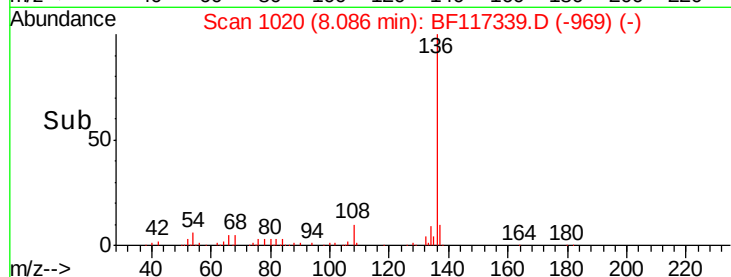
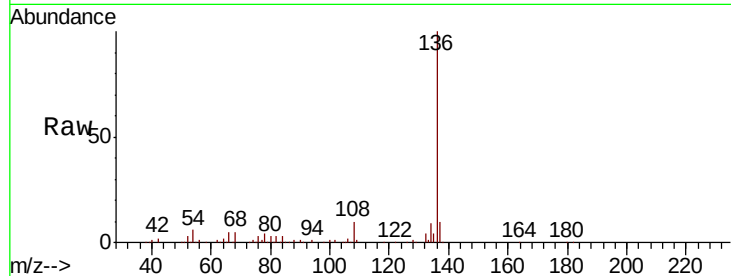
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.09 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 196993 |       |       |
| 137     | 10.3  |        | 9.0   | 13.4  |
| 54      | 5.7   |        | 4.5   | 6.7   |
| 68      | 4.6   |        | 4.0   | 6.0   |

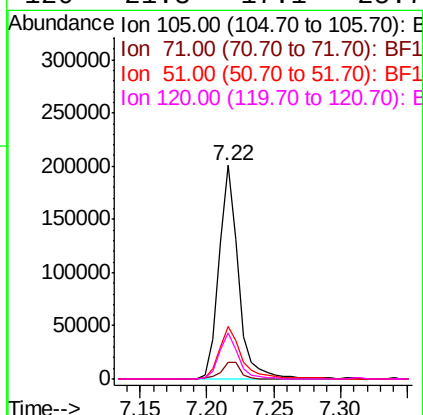
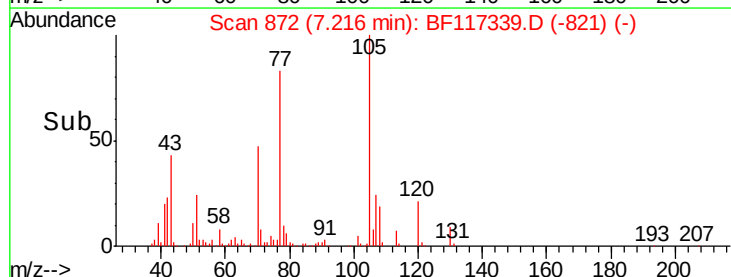
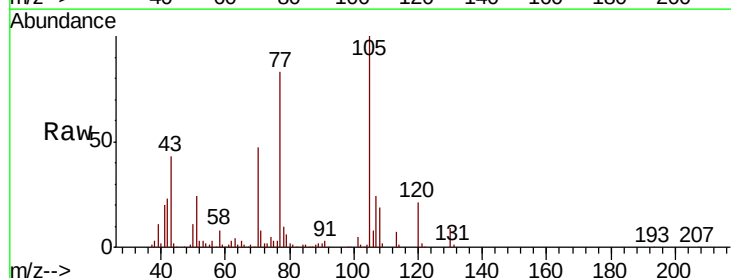
Manual Integrations  
APPROVED

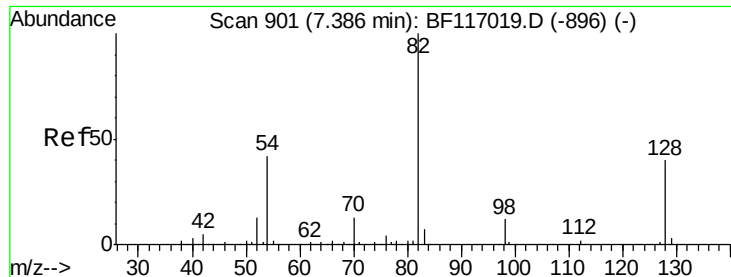
mohammad  
10/11/2019 8:29:14 AM



#22  
Acetophenone  
Concen: 41.484 ng  
RT: 7.22 min Scan# 872  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 207628 |       |       |
| 71      | 7.8   |        | 5.7   | 8.5   |
| 51      | 24.4  |        | 22.1  | 33.1  |
| 120     | 21.3  |        | 17.1  | 25.7  |





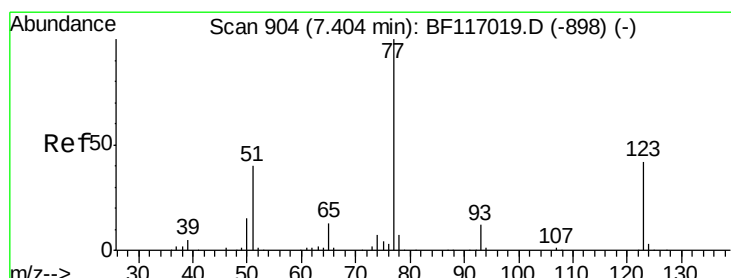
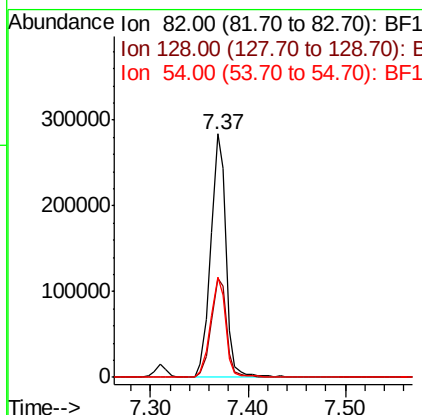
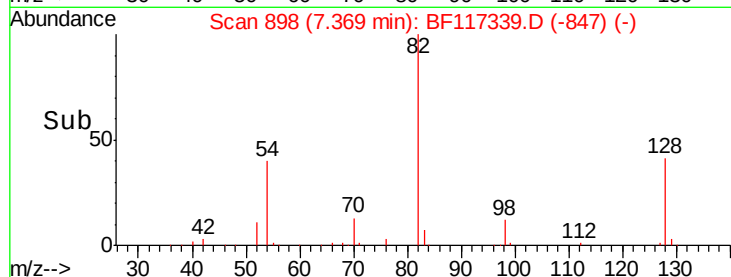
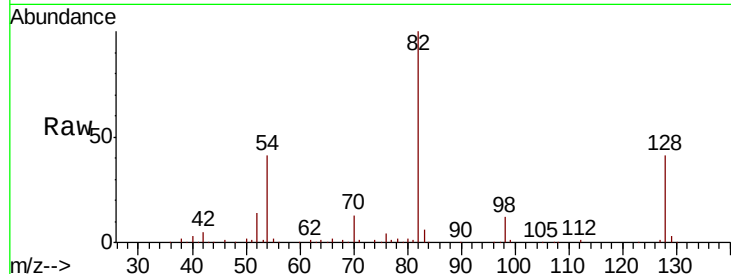
#23  
 Nitrobenzene-d5  
 Concen: 82.555 ng  
 RT: 7.37 min Scan# 898  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 309518 |       |       |
| 128     | 40.9  |        | 32.3  | 48.5  |
| 54      | 40.9  |        | 33.3  | 49.9  |

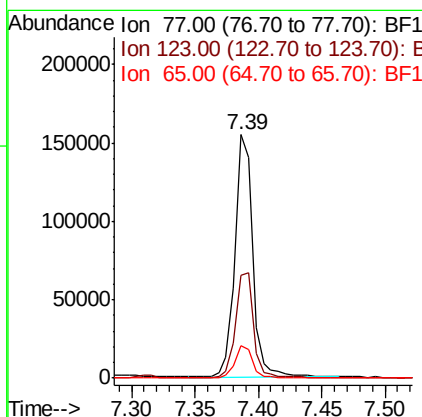
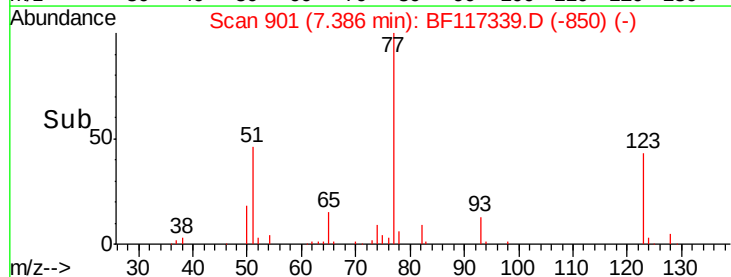
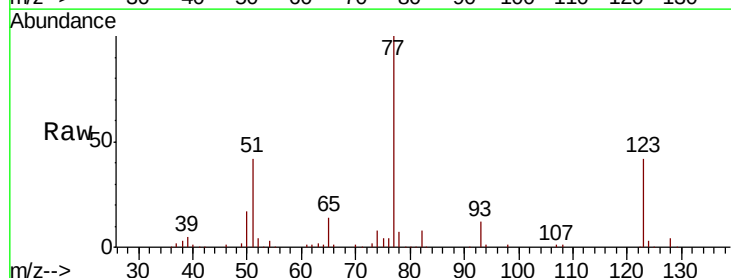
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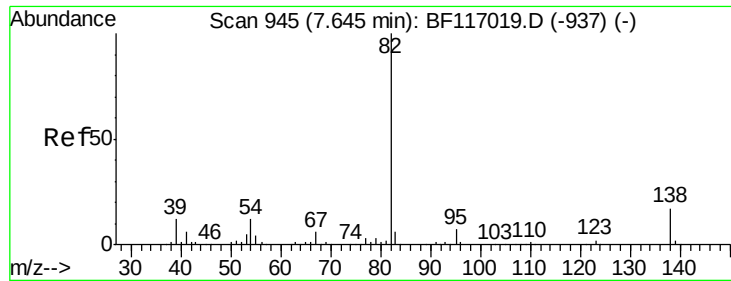


#24  
 Nitrobenzene  
 Concen: 40.517 ng  
 RT: 7.39 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 150014 |       |       |
| 123     | 42.4  |        | 33.5  | 50.3  |
| 65      | 13.5  |        | 10.5  | 15.7  |







#25

Isophorone

Concen: 40.501 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA\_F

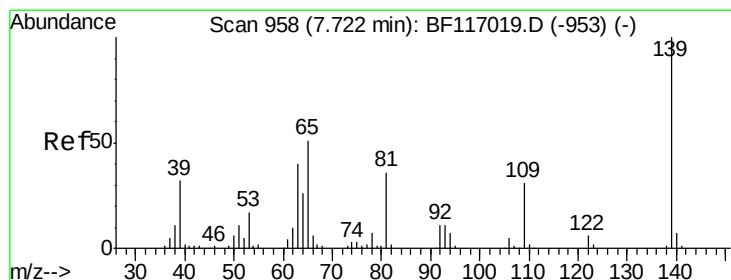
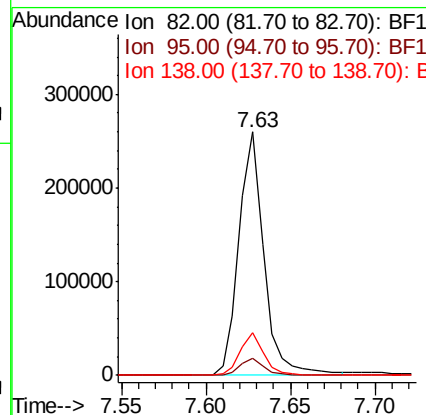
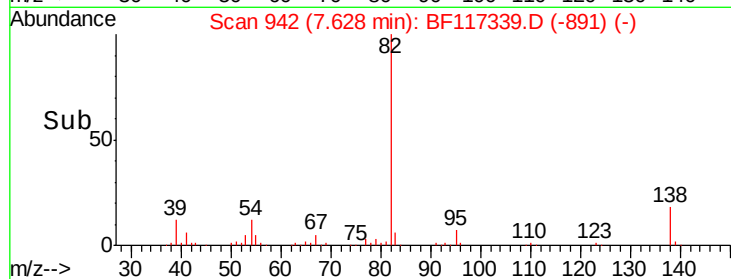
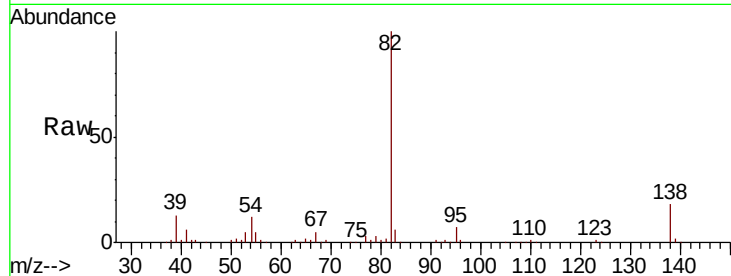
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 268856 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.9  | 5.8   | 8.6    |
| 138       | 17.8 | 13.5  | 20.3   |

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#26

2-Nitrophenol

Concen: 42.289 ng

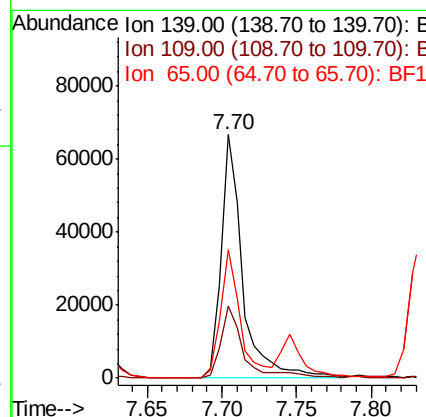
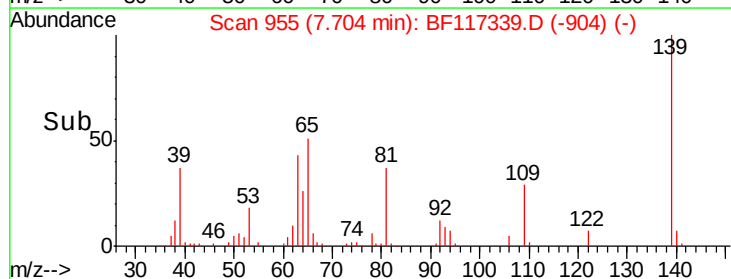
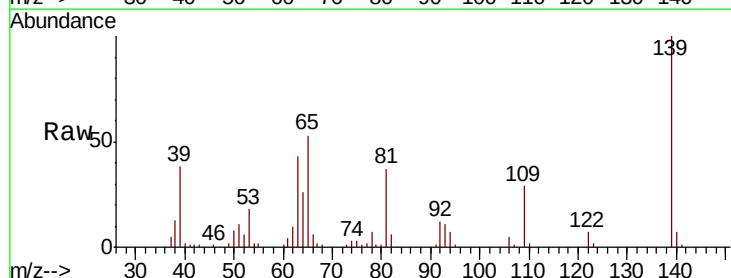
RT: 7.70 min Scan# 955

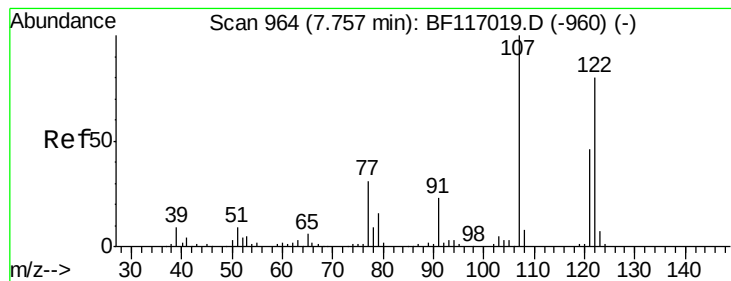
Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 67255 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 29.4 | 24.6  | 36.8  |
| 65        | 52.9 | 40.9  | 61.3  |





#27

2,4-Dimethylphenol

Concen: 40.814 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA\_F

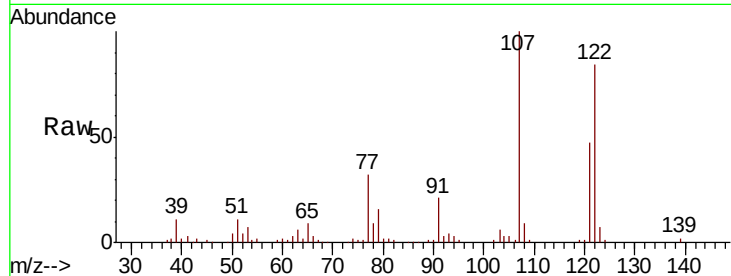
ClientSampleId :

SSTDCCC040

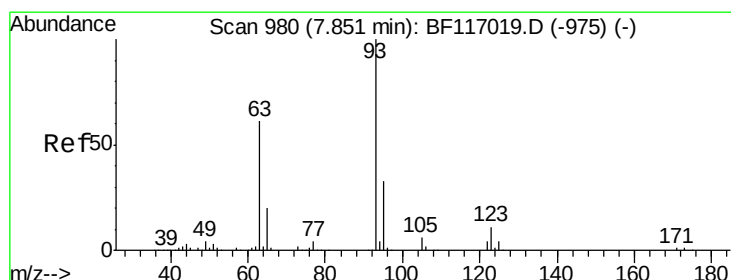
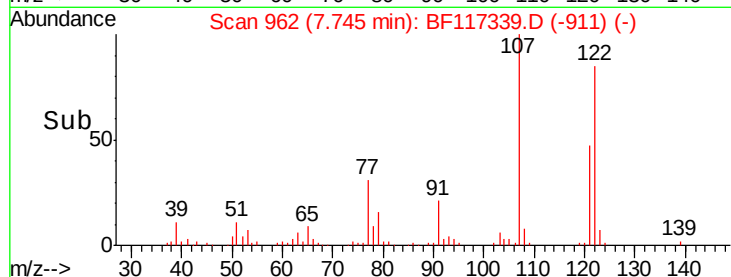
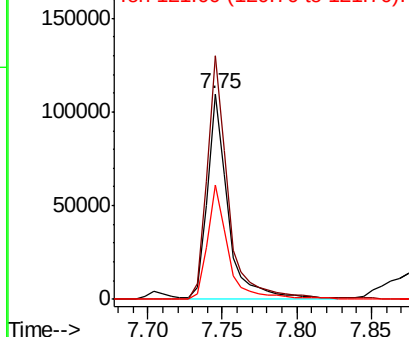
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 102933 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 118.6 | 98.9  | 148.3  |
| 121       | 55.8  | 45.3  | 67.9   |

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



#28

bis(2-Chloroethoxy)methane

Concen: 42.560 ng

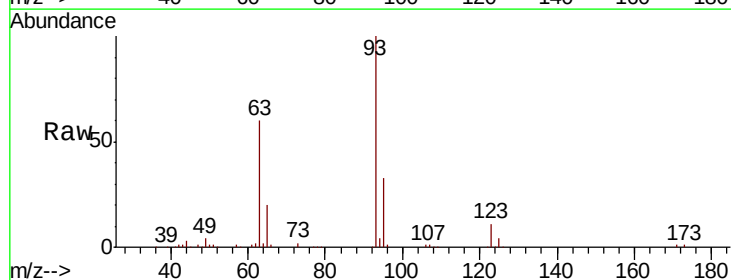
RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

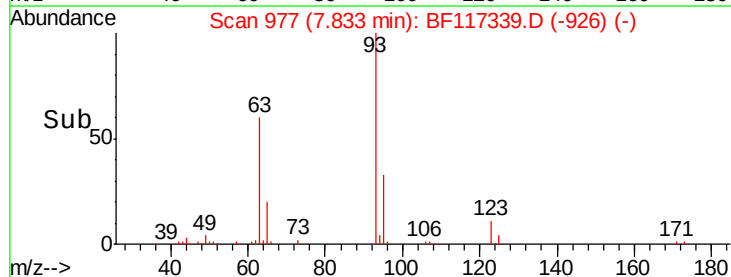
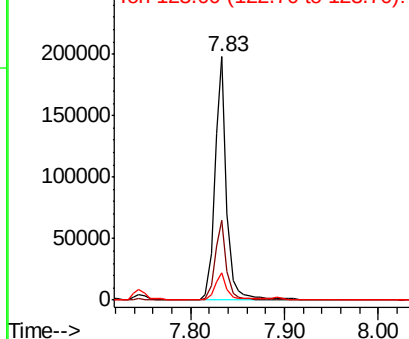
Lab File: BF117339.D

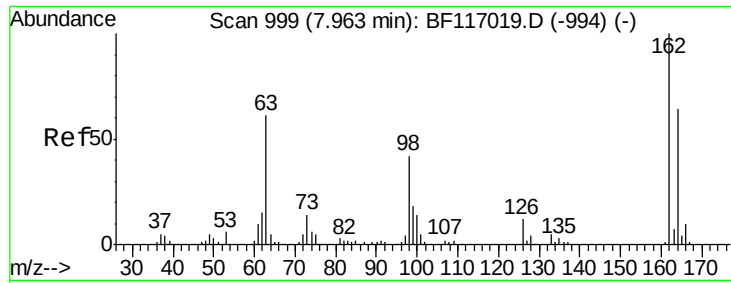
Acq: 8 Oct 2019 14:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 174068 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.7  | 26.2  | 39.4   |
| 123       | 11.2  | 9.0   | 13.6   |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 123.00 (122.70 to 123.70): E





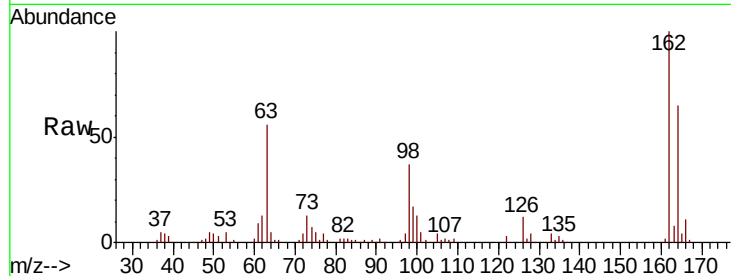
#29  
2,4-Dichlorophenol  
Concen: 41.560 ng  
RT: 7.96 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 109825 |       |       |
| 164     | 64.7  | 43.8   | 83.8  |       |
| 98      | 37.0  | 22.1   | 62.1  |       |

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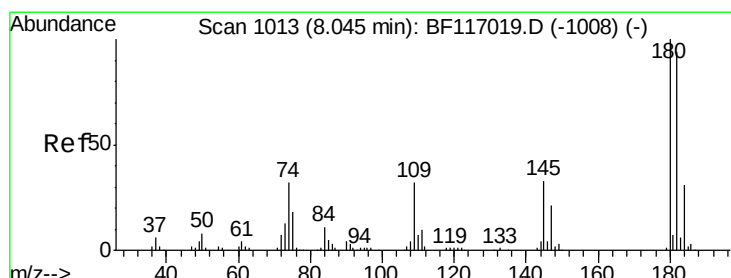
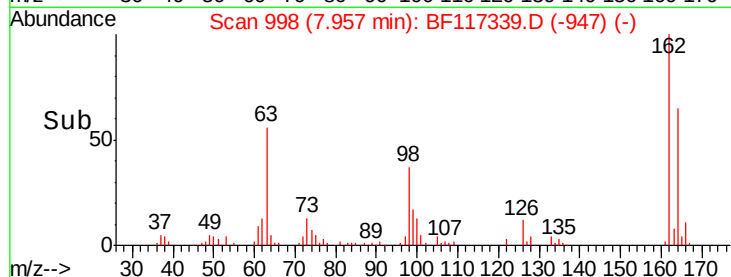
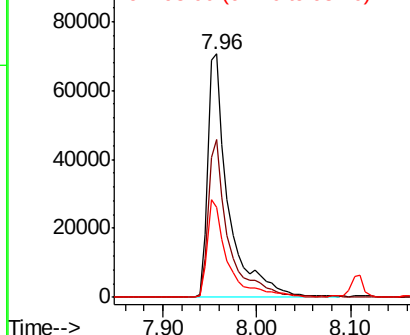


Abundance

Ion 162.00 (161.70 to 162.70): E

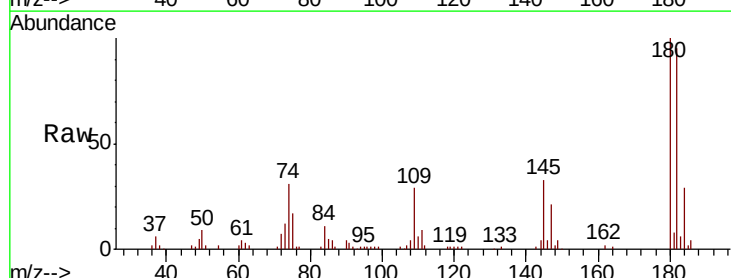
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 41.442 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 118316 |       |       |
| 182     | 94.6  | 75.4   | 113.0 |       |
| 145     | 33.3  | 26.7   | 40.1  |       |

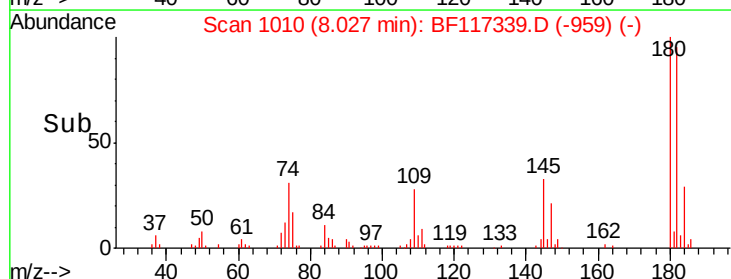
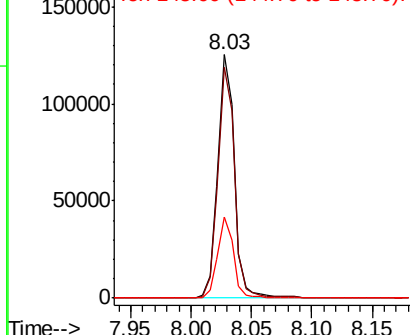


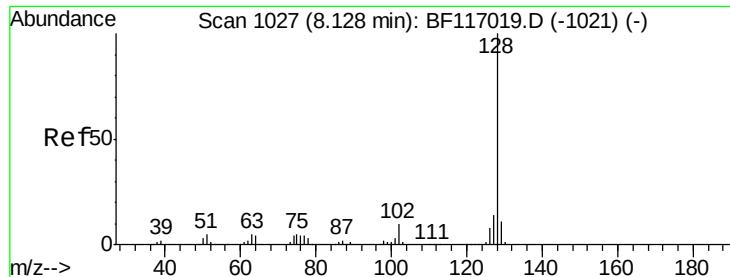
Abundance

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





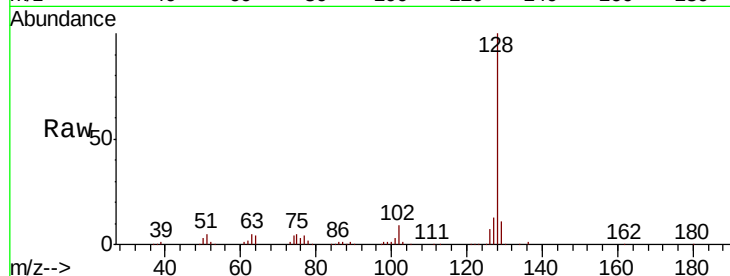
#31  
Naphthalene  
Concen: 42.079 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 10.6  | 9.0  | 13.4  |       |
| 127     | 12.8  | 10.8 | 16.2  |       |

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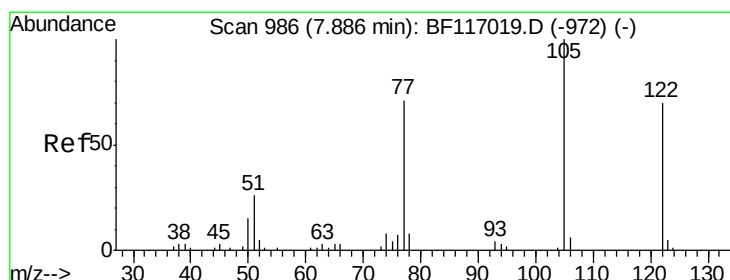
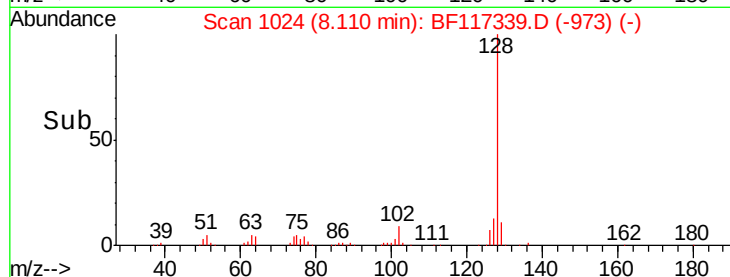
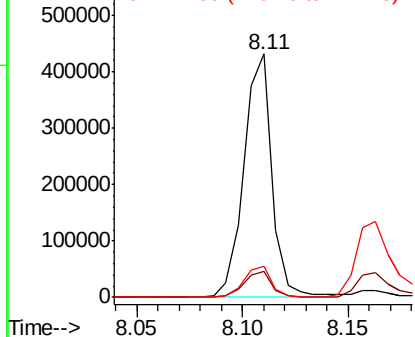


Abundance

Ion 128.00 (127.70 to 128.70): E

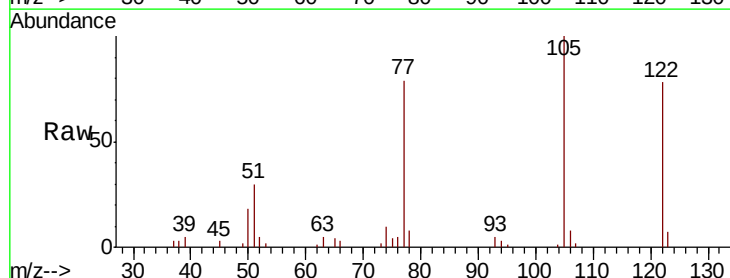
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 33.129 ng m  
RT: 7.89 min Scan# 987  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 127.6 | 114.8 | 154.8 |       |
| 77      | 100.9 | 78.7  | 118.7 |       |

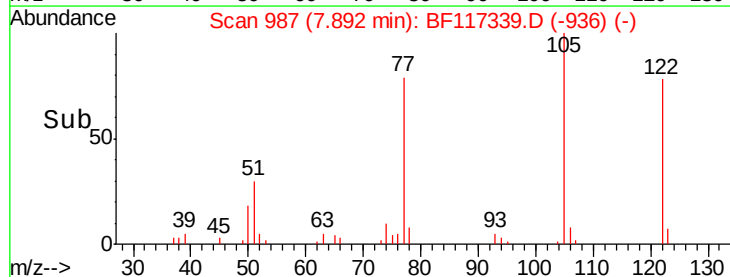
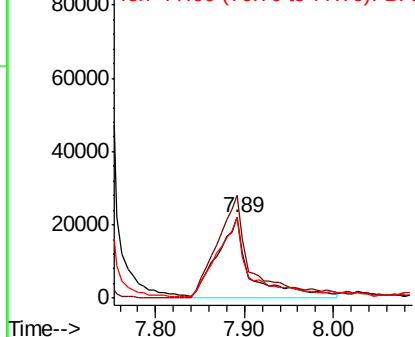


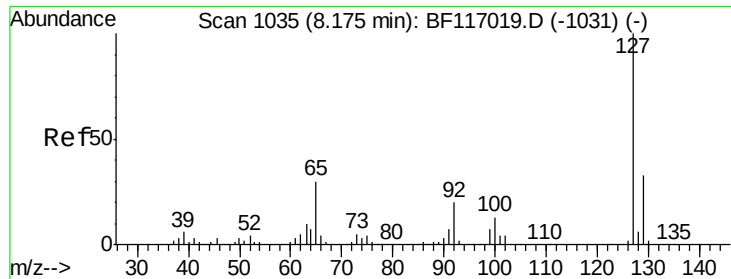
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





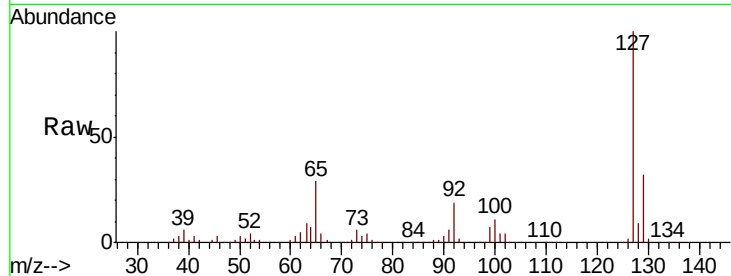
#33  
4-Chloroaniline  
Concen: 40.849 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 171651 |       |       |
| 129     | 32.4 | 26.2  | 39.2   |       |       |
| 65      | 29.0 | 23.5  | 35.3   |       |       |
| 92      | 18.7 | 15.9  | 23.9   |       |       |

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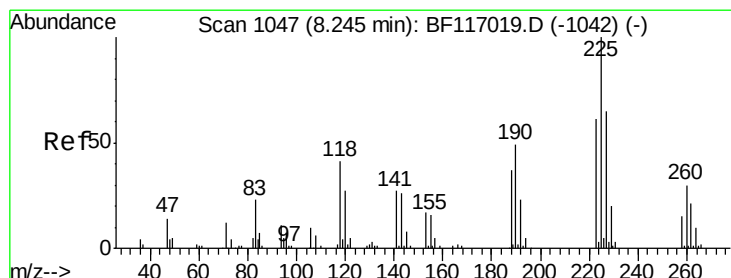
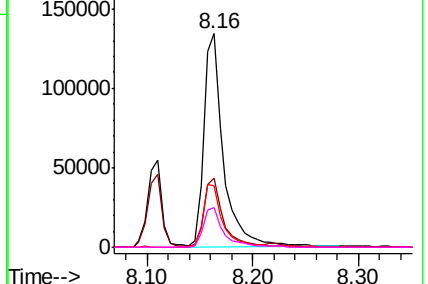
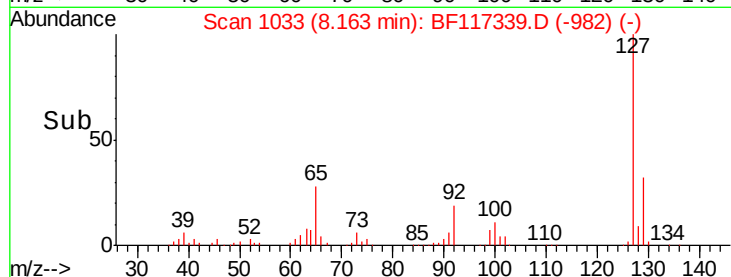
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

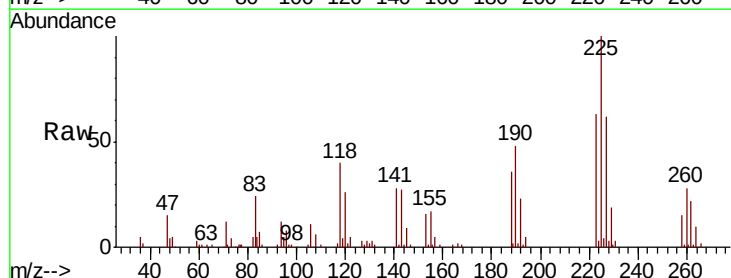
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 42.646 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 69076 |       |       |
| 223     | 62.5 | 49.1  | 73.7  |       |       |
| 227     | 62.0 | 52.2  | 78.2  |       |       |

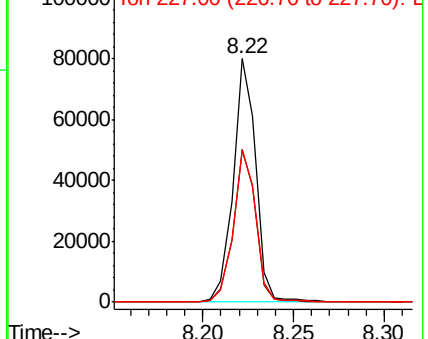
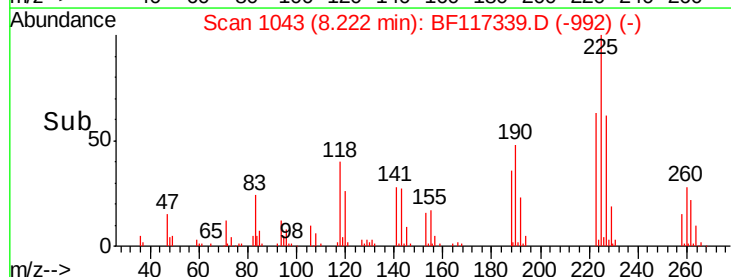


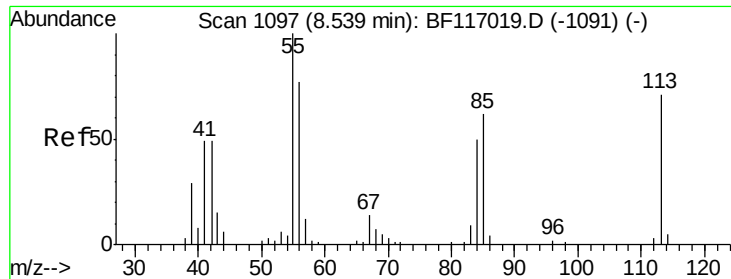
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





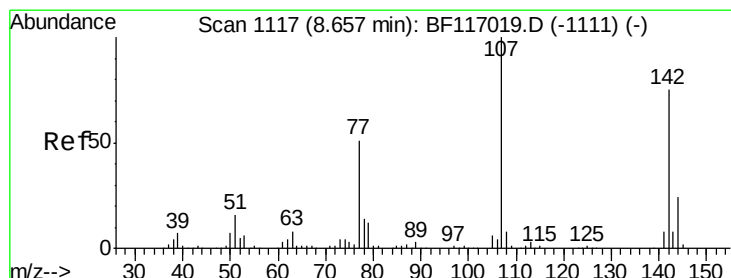
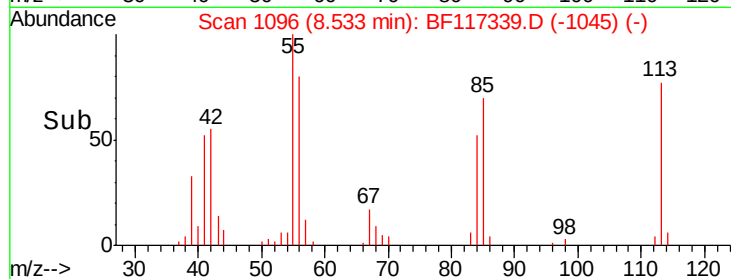
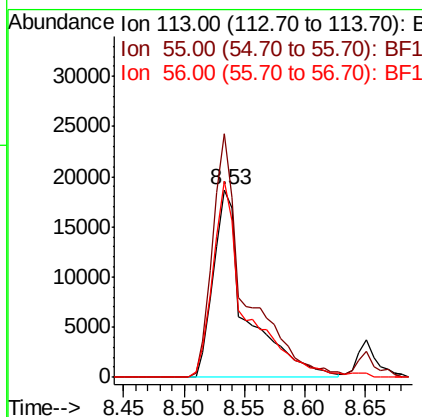
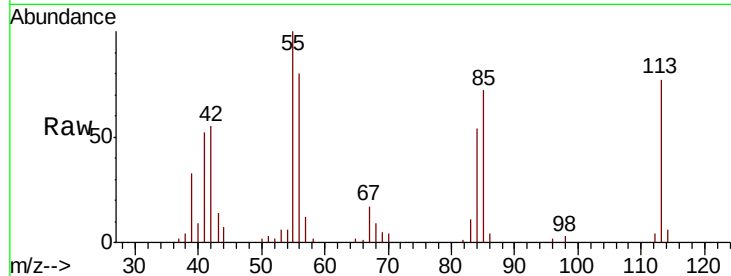
#35  
 Caprolactam  
 Concen: 39.554 ng  
 RT: 8.53 min Scan# 1096  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 130.0 | 120.6 | 160.6 |
| 56      | 104.6 | 88.8  | 128.8 |

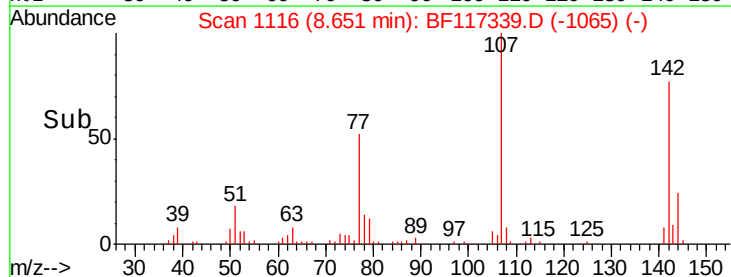
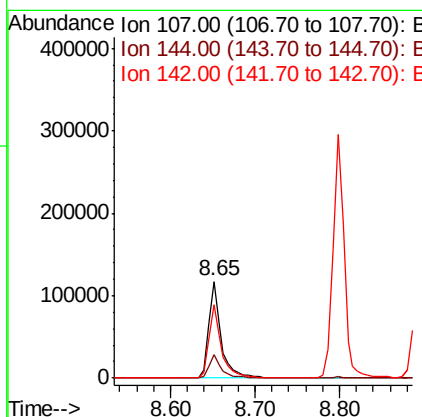
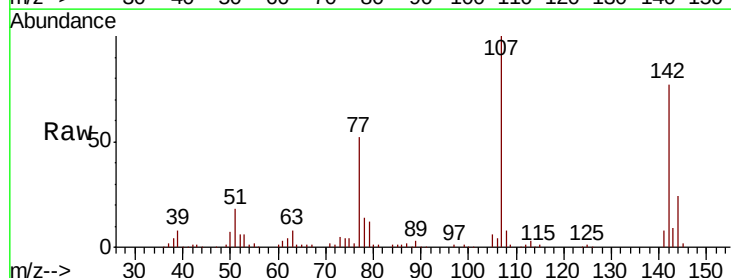
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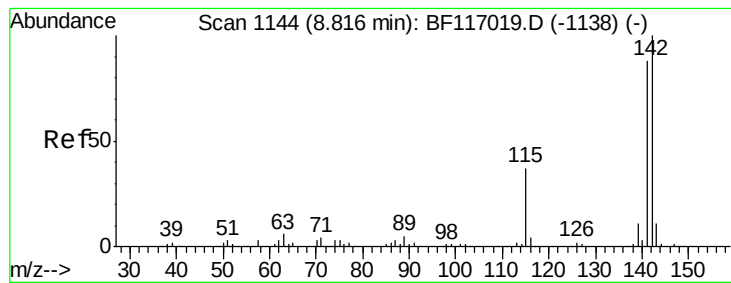
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#36  
 4-Chloro-3-methylphenol  
 Concen: 39.675 ng  
 RT: 8.65 min Scan# 1116  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.3  | 19.2  | 28.8  |
| 142     | 76.6  | 59.6  | 89.4  |





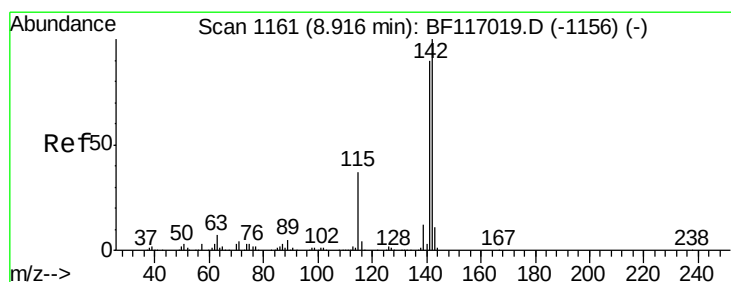
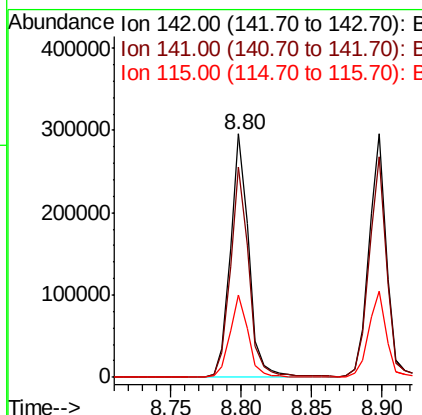
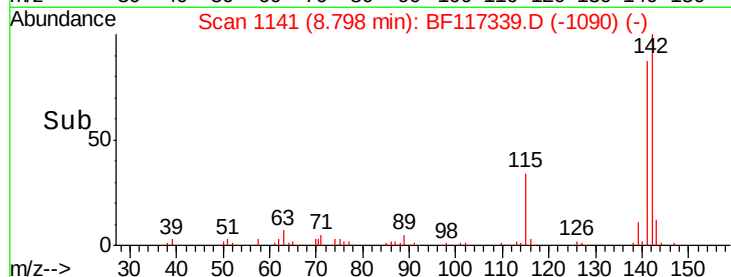
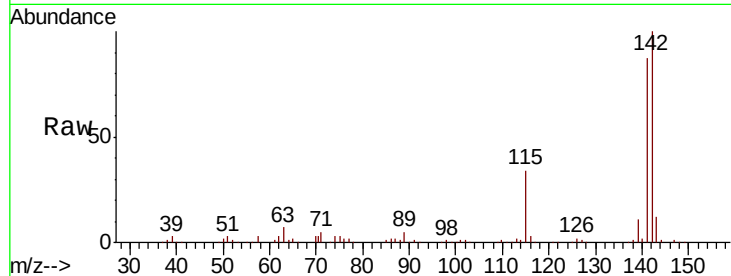
#37  
2-Methylnaphthalene  
Concen: 42.153 ng  
RT: 8.80 min Scan# 1141  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.6  | 70.7  | 106.1 |
| 115     | 33.8  | 29.4  | 44.0  |

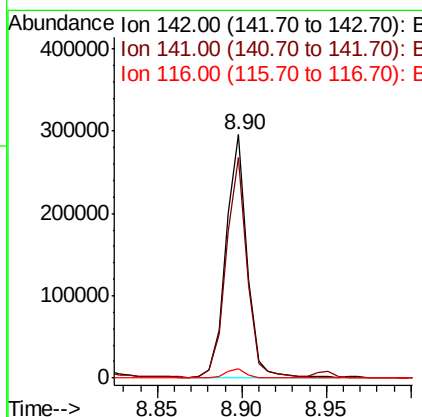
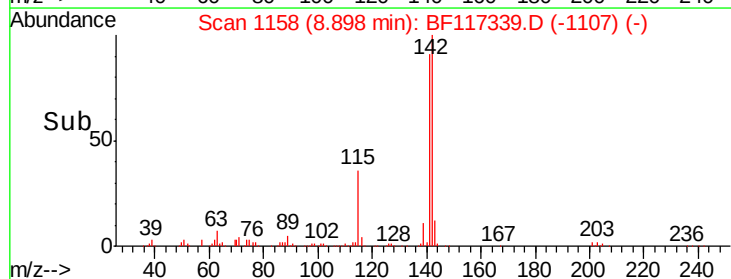
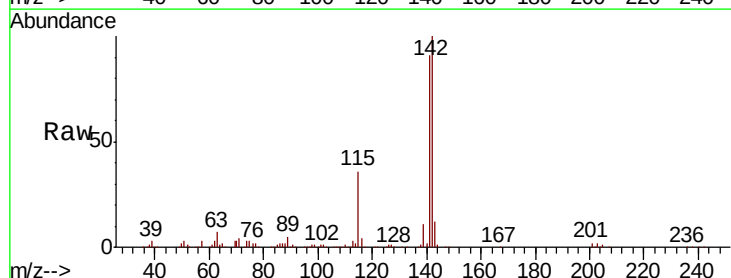
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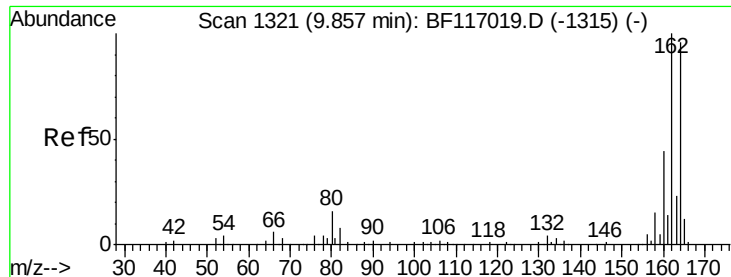
mohammad  
10/11/2019 8:29:14 AM



#38  
1-Methylnaphthalene  
Concen: 42.309 ng  
RT: 8.90 min Scan# 1158  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.8  | 71.9  | 107.9 |
| 116     | 3.7   | 3.2   | 4.8   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA\_F

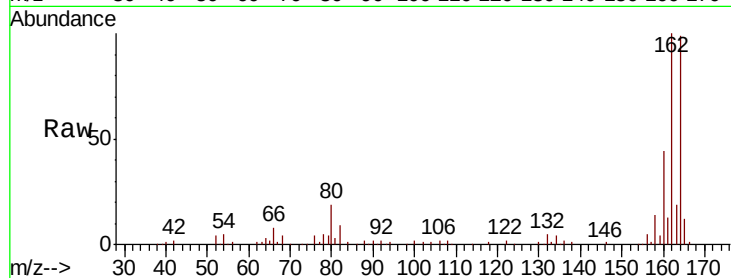
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 102245 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.0 | 83.4  | 125.2  |
| 160       | 44.1  | 36.4  | 54.6   |

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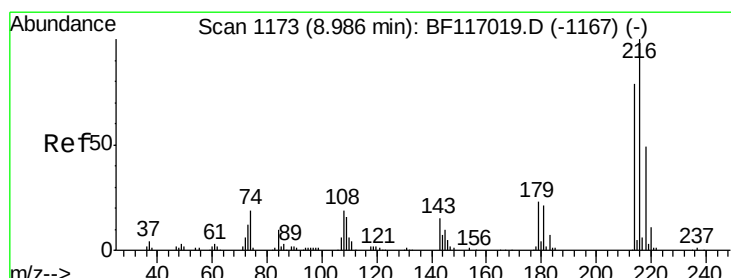
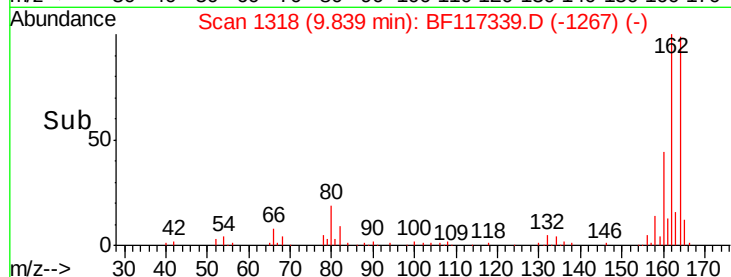
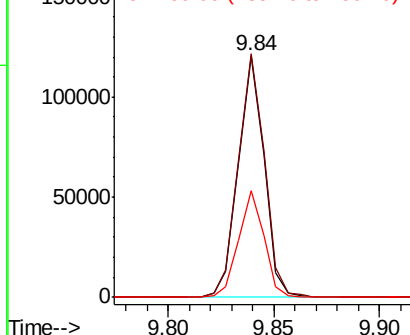


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.211 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 111448 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 77.3  | 63.6  | 95.4   |
| 179       | 22.4  | 18.3  | 27.5   |
| 108       | 21.0  | 17.8  | 26.6   |

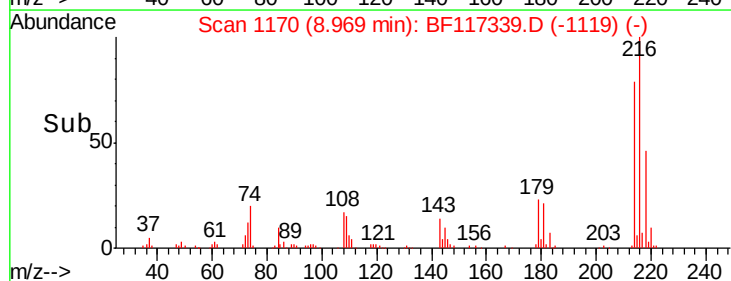
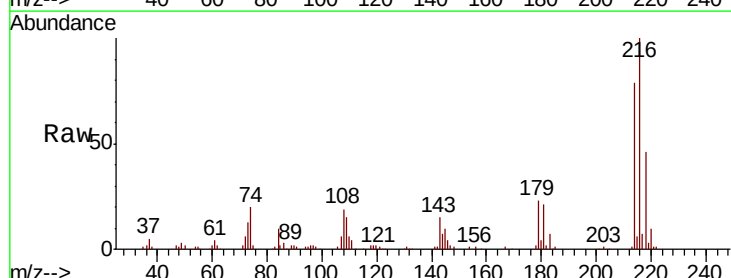
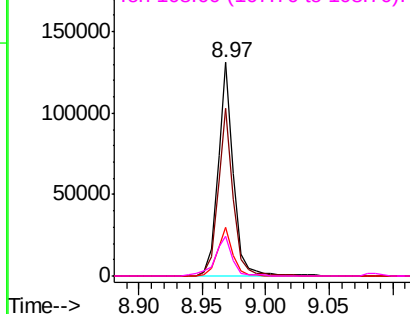
Abundance

Ion 216.00 (215.70 to 216.70): E

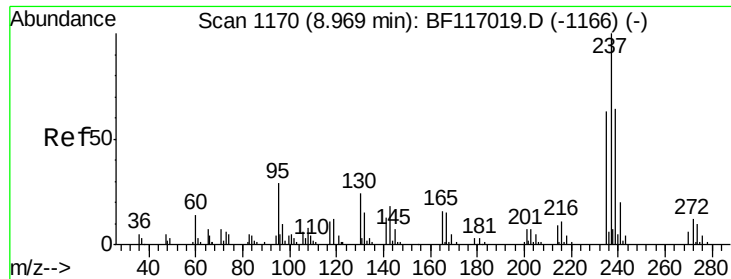
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







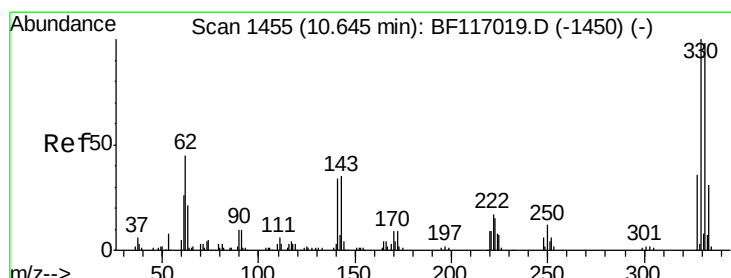
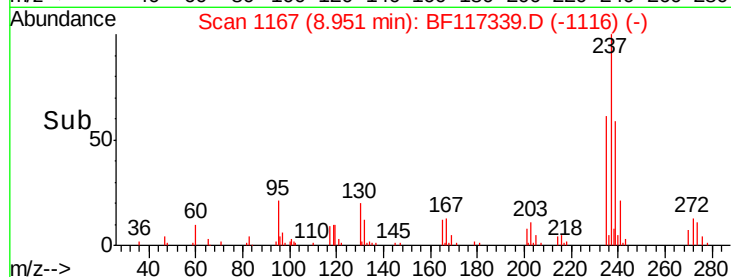
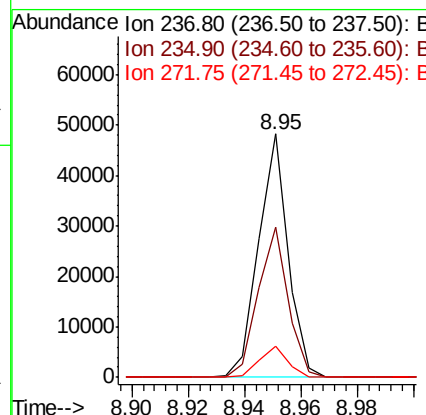
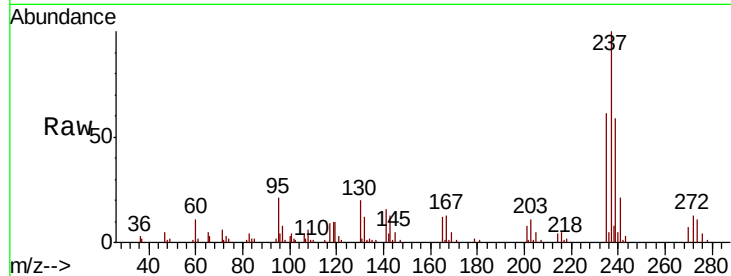
#41  
Hexachlorocyclopentadiene  
Concen: 34.887 ng  
RT: 8.95 min Scan# 1167  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 61.4  | 43.2  | 83.2  |
| 272     | 12.7  | 0.0   | 31.9  |

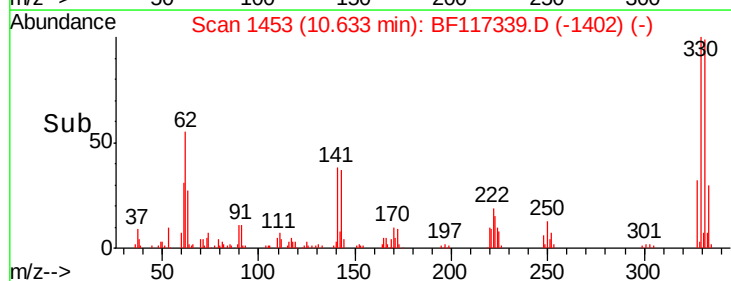
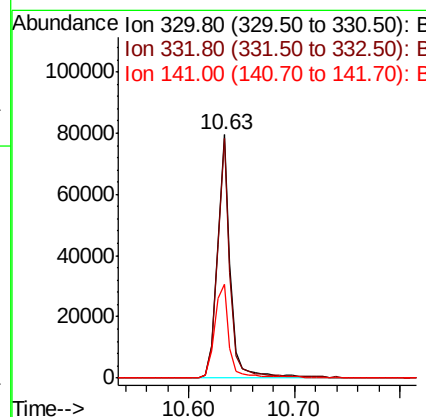
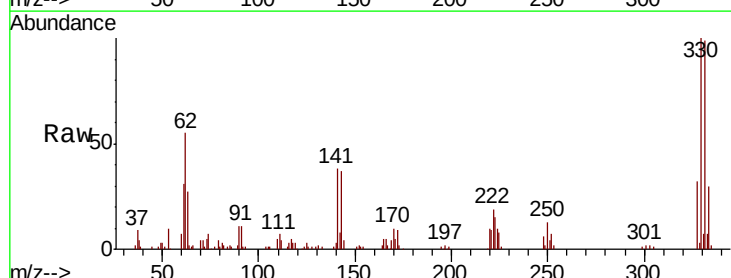
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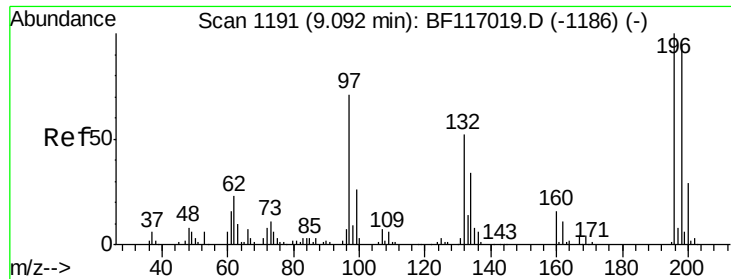
mohammad  
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#42  
2,4,6-Tribromophenol  
Concen: 81.440 ng  
RT: 10.63 min Scan# 1453  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 78.0  | 117.0 |
| 141     | 43.2  | 35.8  | 53.6  |





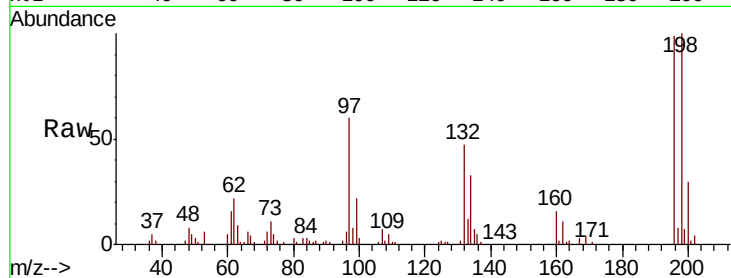
#43  
2,4,6-Trichlorophenol  
Concen: 38.254 ng  
RT: 9.09 min Scan# 1190  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 68541 |       |       |
| 198     | 101.3 | 75.7  | 113.5 |       |
| 200     | 30.9  | 23.3  | 34.9  |       |

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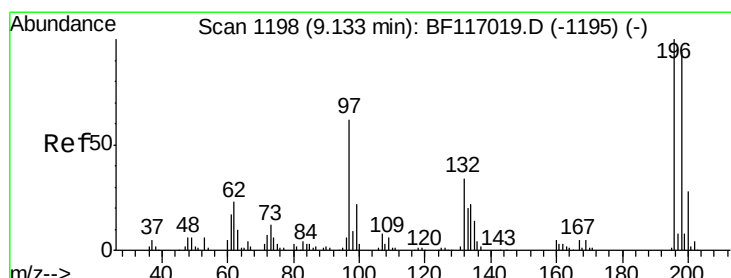
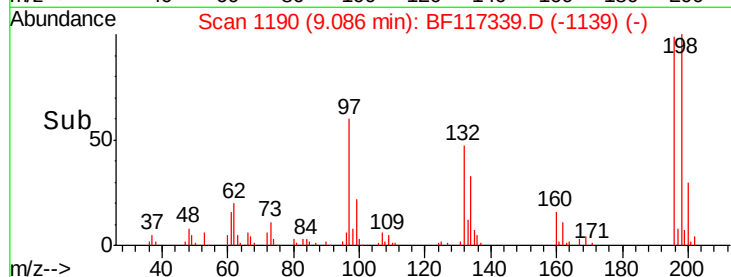
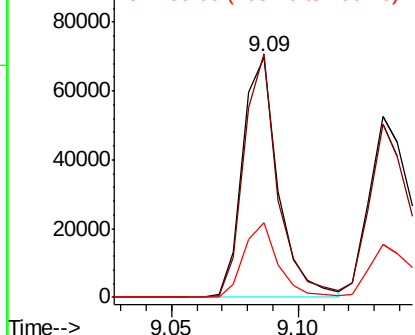


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
2,4,5-Trichlorophenol  
Concen: 36.272 ng  
RT: 9.13 min Scan# 1198  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 69437 |       |       |
| 198     | 95.9  | 74.6  | 112.0 |       |
| 97      | 58.5  | 49.5  | 74.3  |       |
| 132     | 31.4  | 27.4  | 41.2  |       |

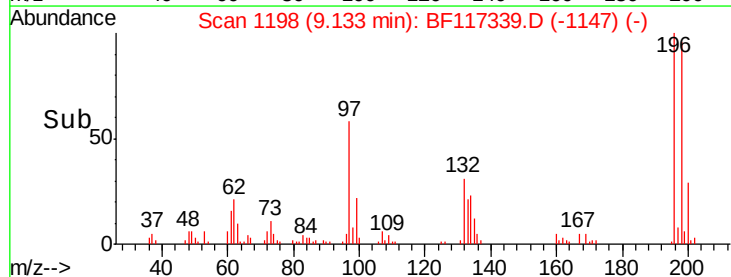
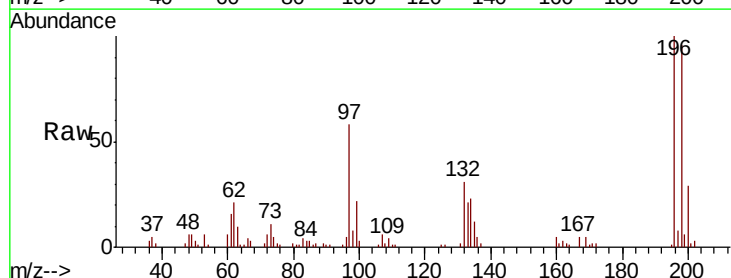
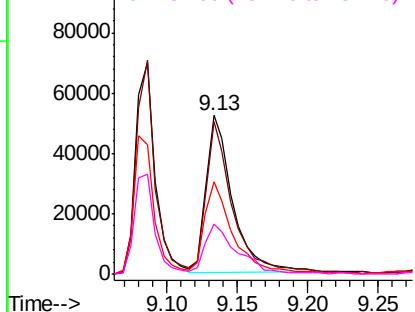
Abundance

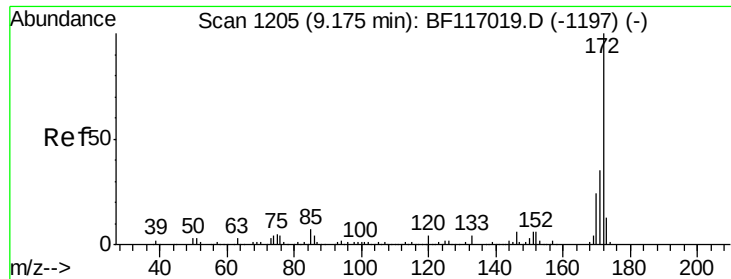
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





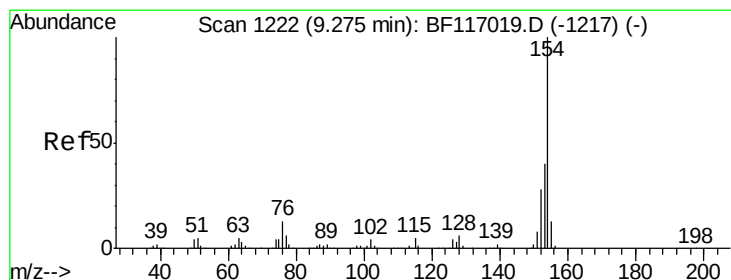
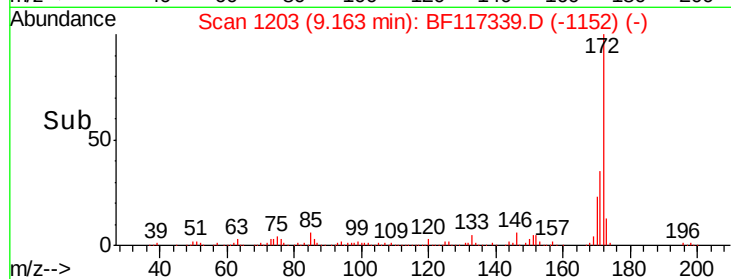
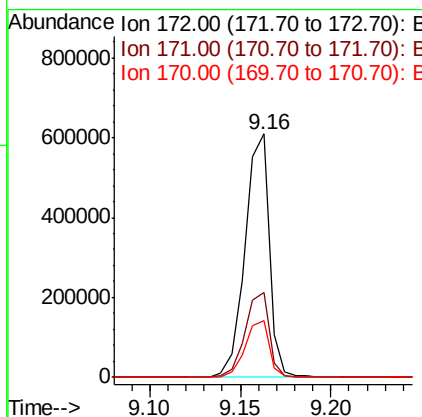
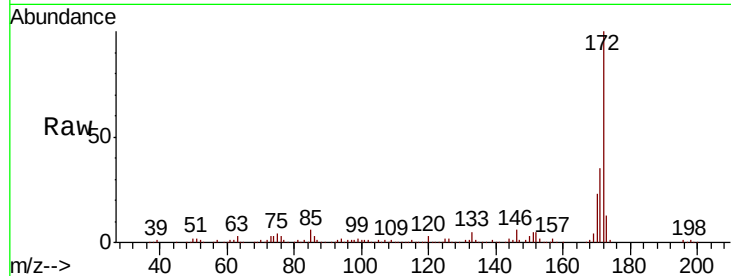
#45  
2-Fluorobiphenyl  
Concen: 86.515 ng  
RT: 9.16 min Scan# 1203  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 565737 |       |       |
| 171     | 34.8  |        | 28.2  | 42.2  |
| 170     | 23.3  |        | 18.9  | 28.3  |

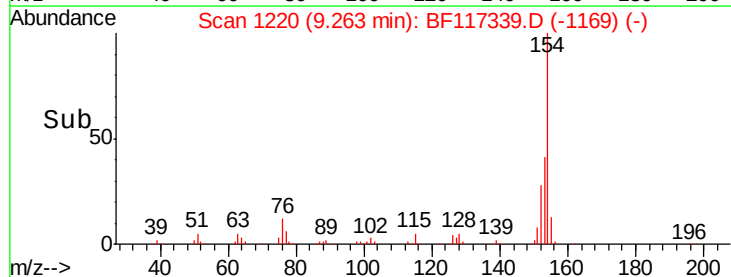
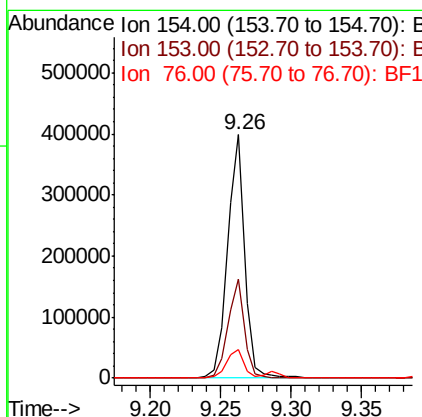
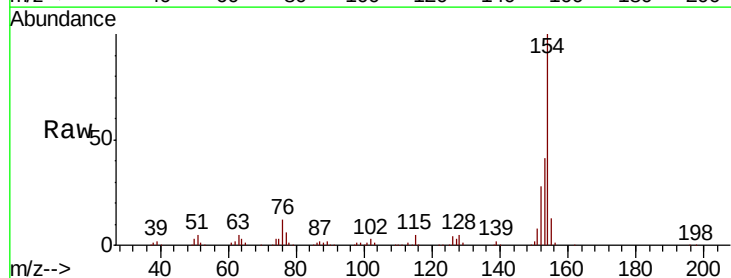
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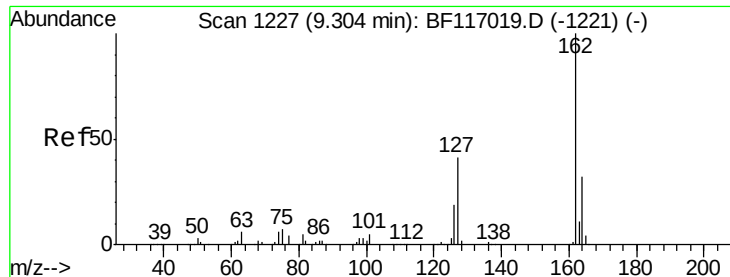
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#46  
1,1'-Biphenyl  
Concen: 41.793 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 335181 |       |       |
| 153     | 40.5  |        | 20.0  | 60.0  |
| 76      | 11.6  |        | 0.0   | 32.7  |





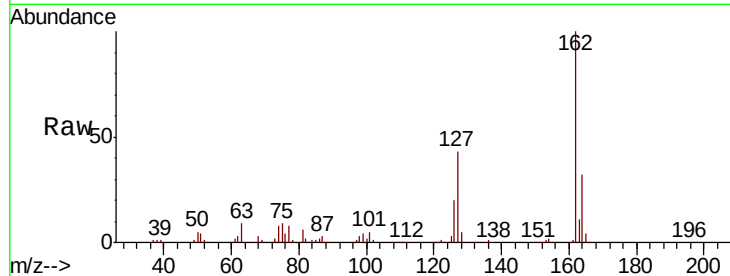
#47  
2-Chloronaphthalene  
Concen: 41.155 ng  
RT: 9.29 min Scan# 1224  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 43.4  | 34.1       | 51.1  |
| 164     | 31.9  | 25.9       | 38.9  |

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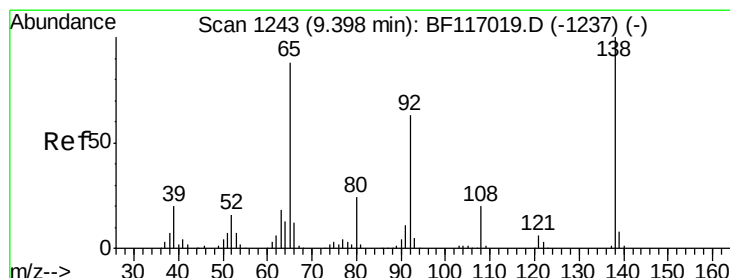
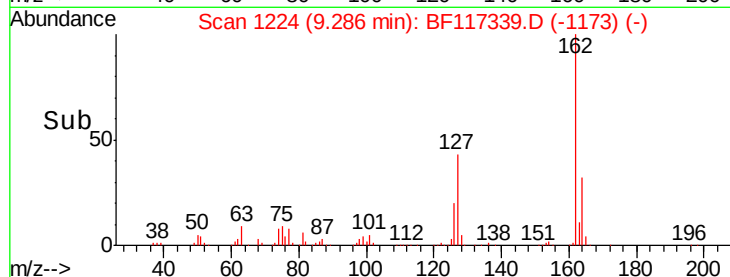
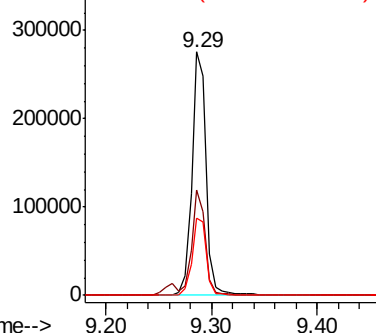


Abundance

Ion 162.00 (161.70 to 162.70): E

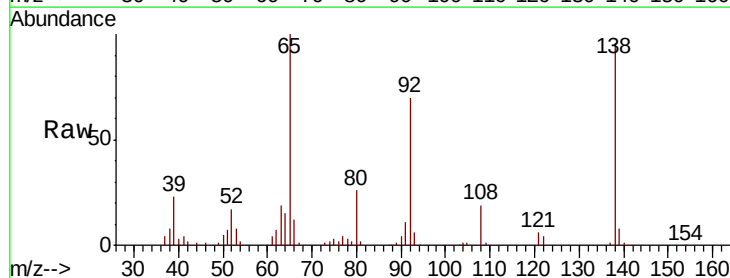
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 40.950 ng  
RT: 9.39 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 65      | 100   |            |       |
| 92      | 69.9  | 57.5       | 86.3  |
| 138     | 96.0  | 90.6       | 136.0 |

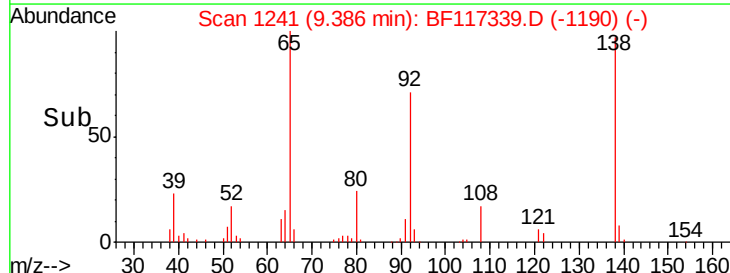
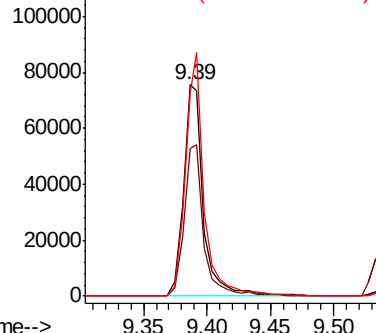


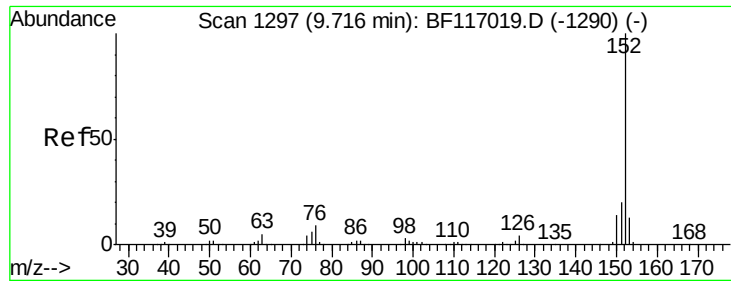
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.881 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA\_F

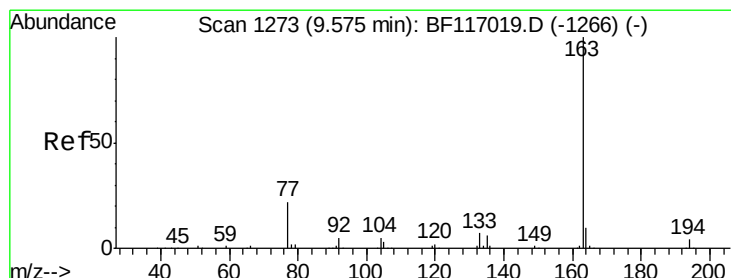
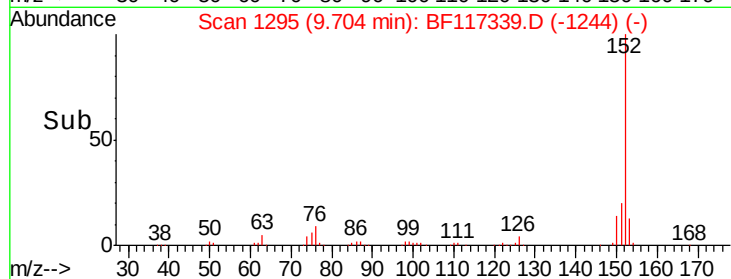
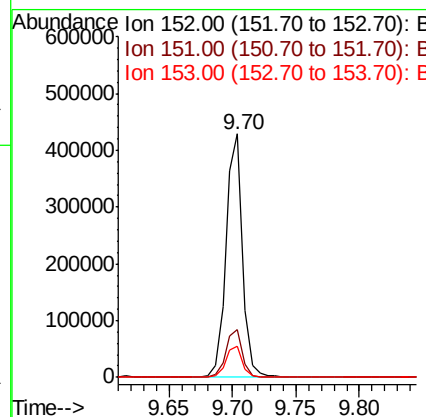
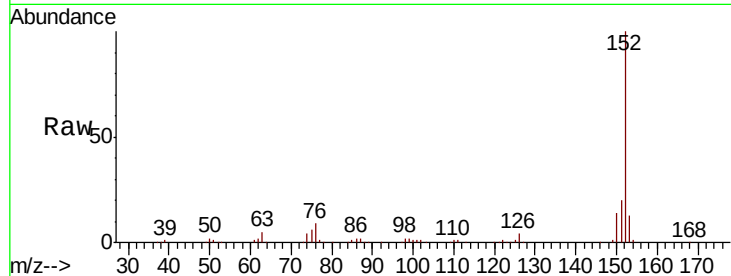
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 387637 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.5  | 16.2  | 24.2   |
| 153       | 12.7  | 10.2  | 15.4   |

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#50

Dimethylphthalate

Concen: 40.538 ng

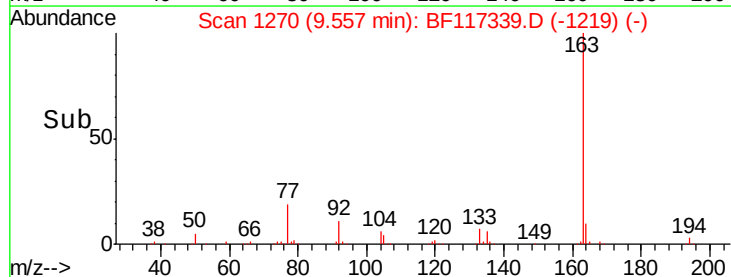
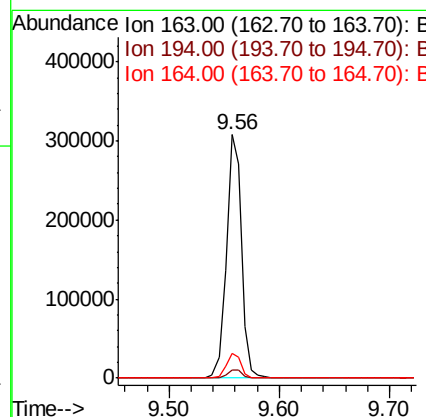
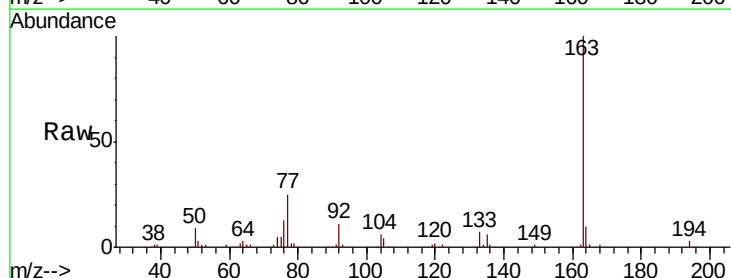
RT: 9.56 min Scan# 1270

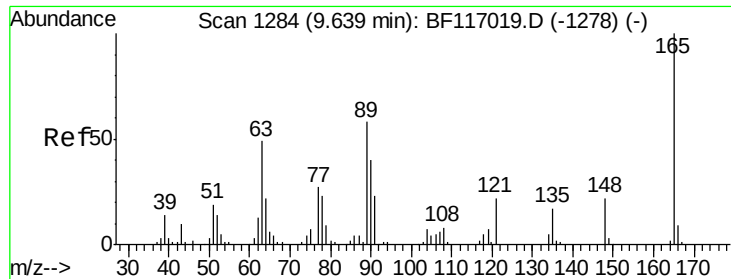
Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 293475 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.4   | 2.9   | 4.3    |
| 164       | 10.4  | 8.2   | 12.4   |





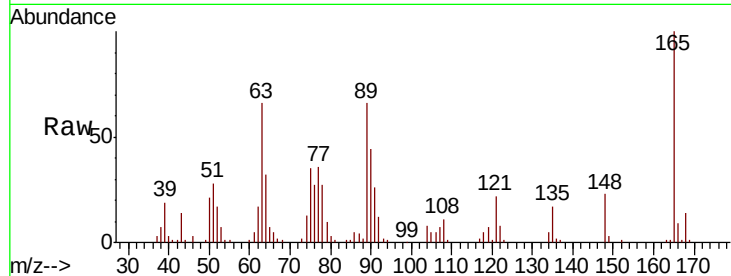
#51  
2,6-Dinitrotoluene  
Concen: 42.232 ng  
RT: 9.63 min Scan# 1282  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 62269 |       |       |
| 63      | 65.9  | 41.8  | 62.8# |       |
| 89      | 66.5  | 46.5  | 69.7  |       |

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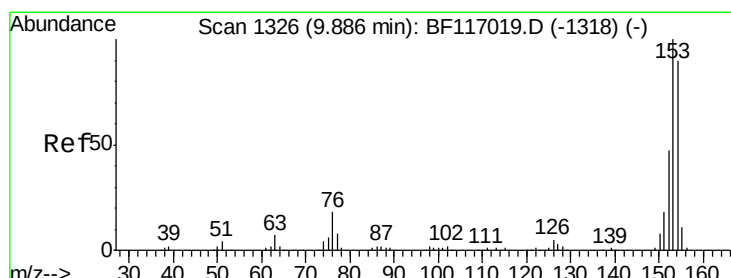
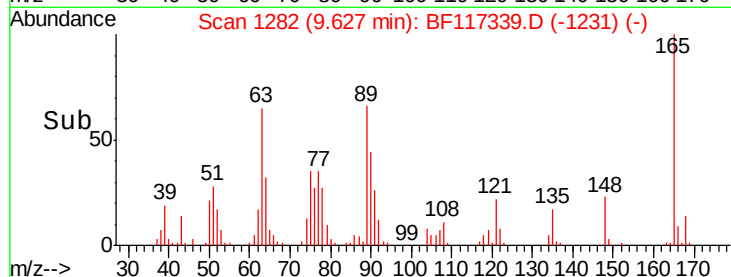
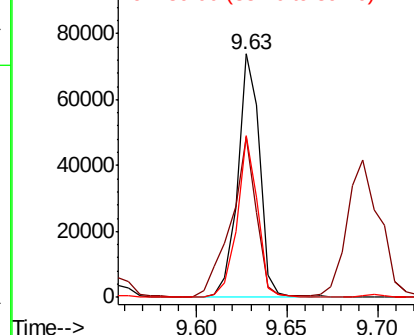


Abundance

Ion 165.00 (164.70 to 165.70): E

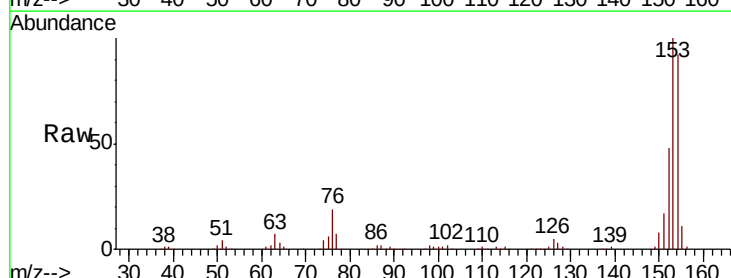
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52  
Acenaphthene  
Concen: 40.897 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 229875 |       |       |
| 153     | 109.0 | 89.0   | 133.6 |       |
| 152     | 52.2  | 41.9   | 62.9  |       |

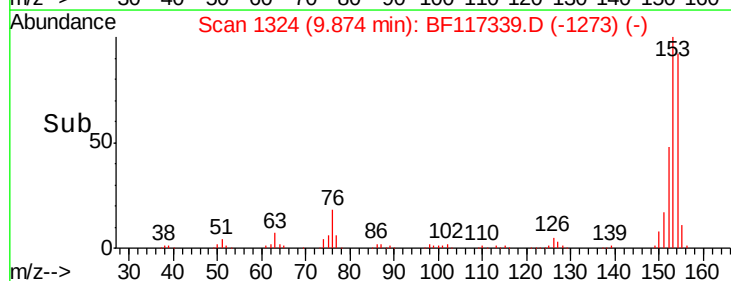
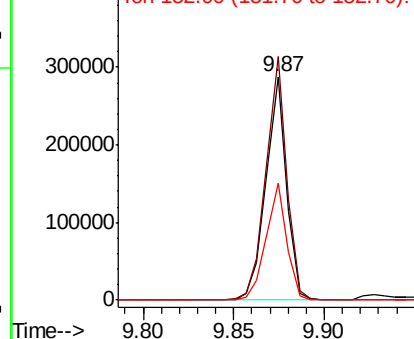


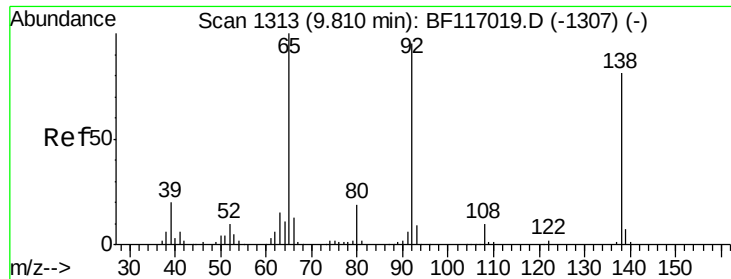
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





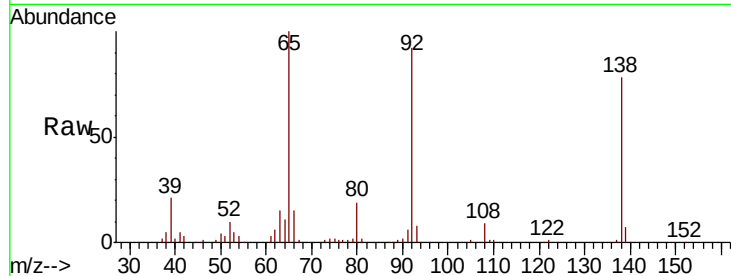
#53  
3-Nitroaniline  
Concen: 40.199 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.1  | 9.5   | 14.3  |
| 92      | 118.0 | 94.1  | 141.1 |

Manual Integrations  
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mohammad  
10/11/2019 8:29:14 AM

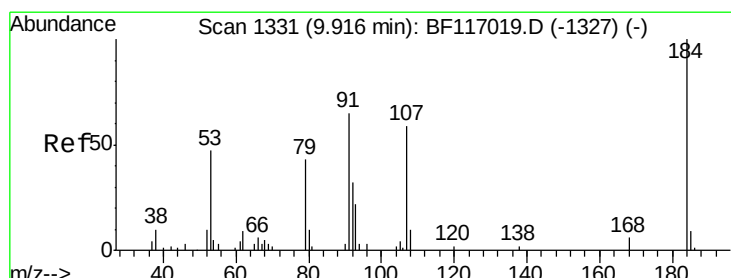
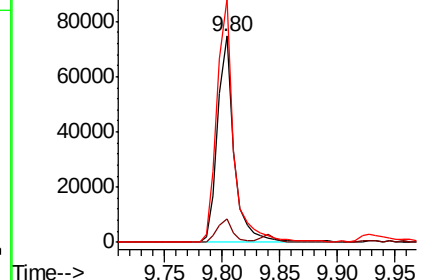
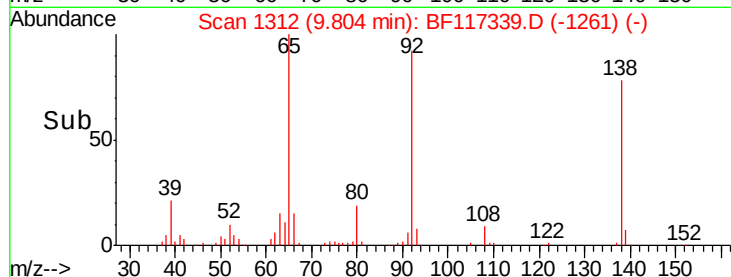


Abundance

Ion 138.00 (137.70 to 138.70): E

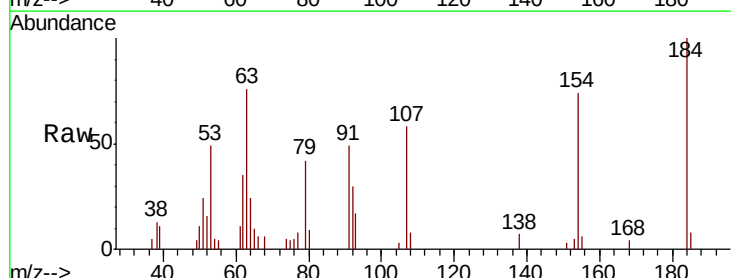
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54  
2,4-Dinitrophenol  
Concen: 39.300 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 75.7  | 63.8  | 95.6  |
| 154     | 74.3  | 60.4  | 90.6  |

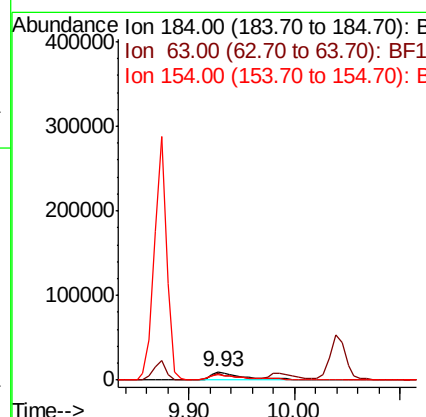
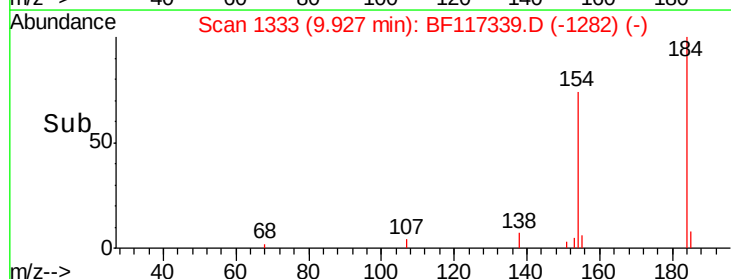


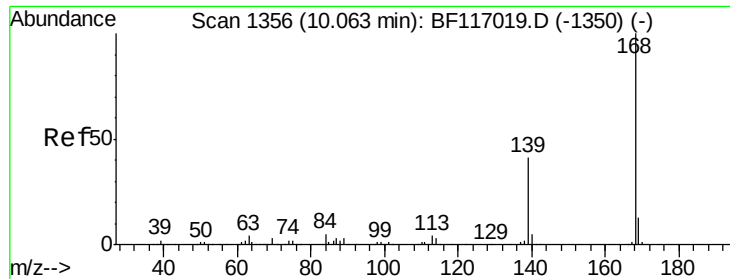
Abundance

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





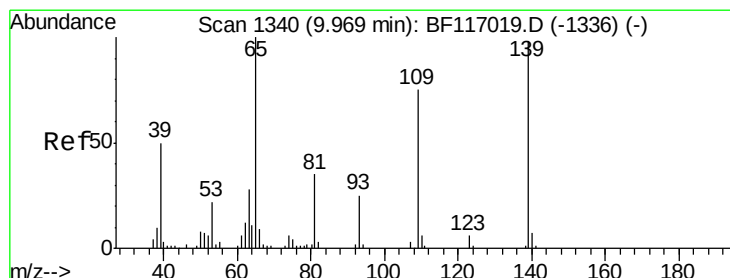
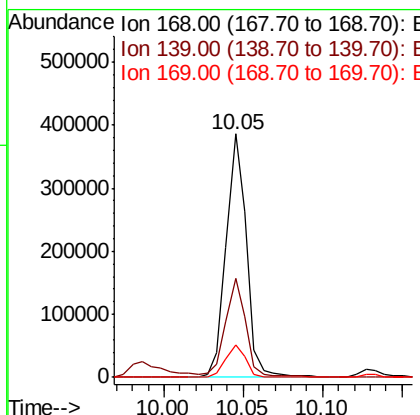
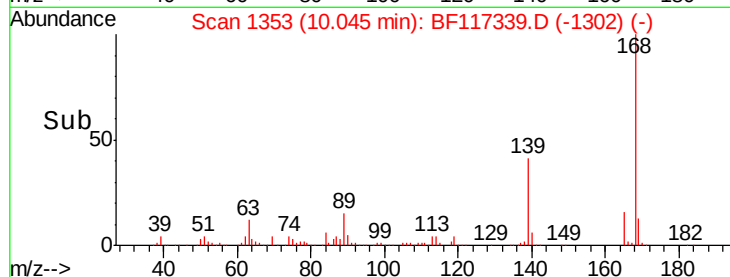
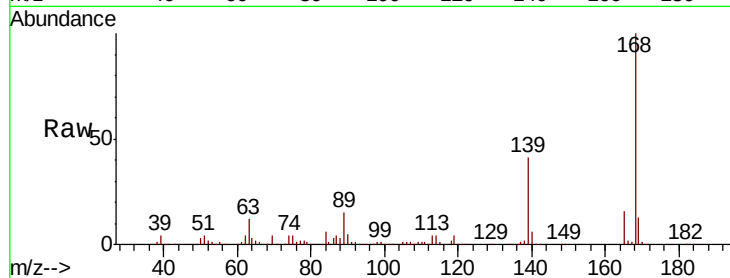
#55  
Dibenzofuran  
Concen: 41.339 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.9  | 32.8  | 49.2  |
| 169     | 13.1  | 10.5  | 15.7  |

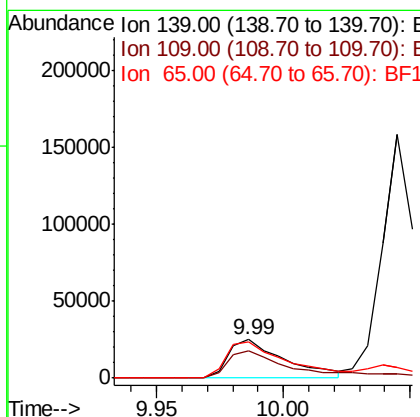
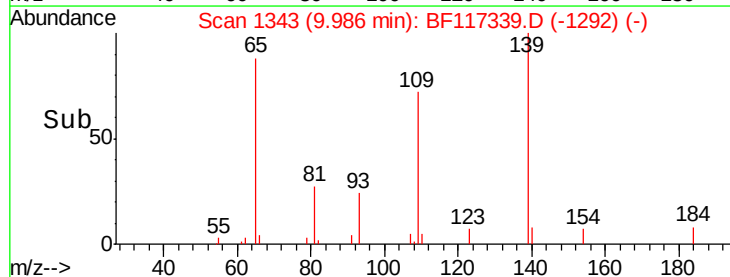
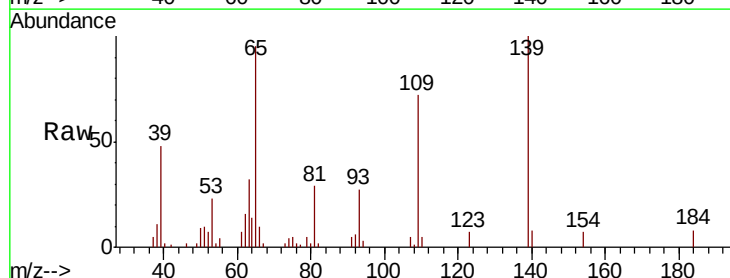
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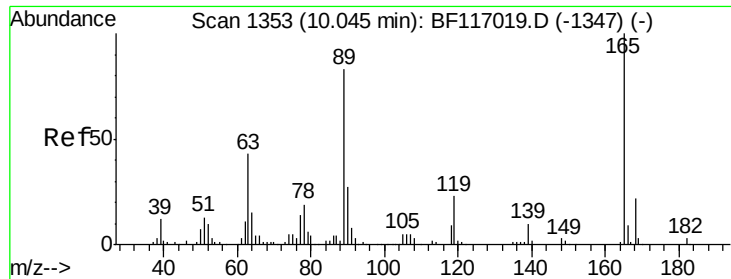


#56  
4-Nitrophenol  
Concen: 32.017 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 71.7  | 56.4  | 96.4  |
| 65      | 94.6  | 82.5  | 122.5 |







#57

2,4-Dinitrotoluene

Concen: 43.336 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 82942

Ion Ratio Lower Upper

165 100

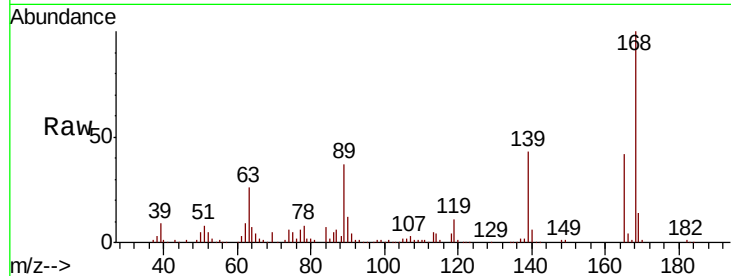
63 60.9 35.0 52.4#

89 87.9 66.1 99.1

182 2.5 2.0 3.0

Manual Integrations  
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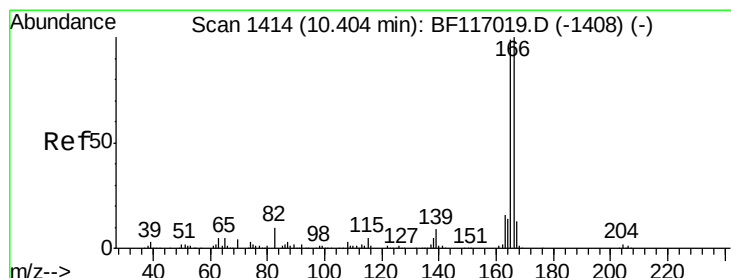
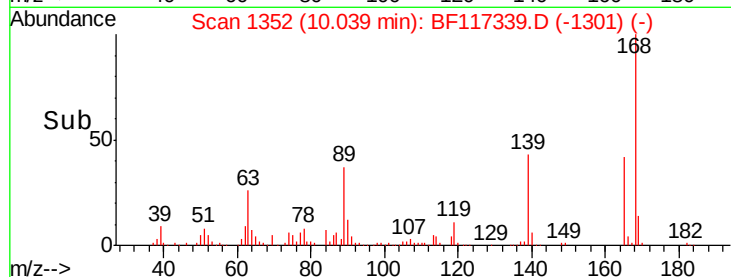
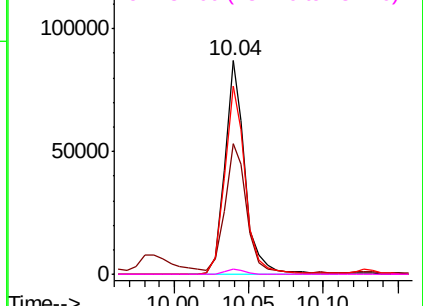


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.662 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Tgt Ion:166 Resp: 285000

Ion Ratio Lower Upper

166 100

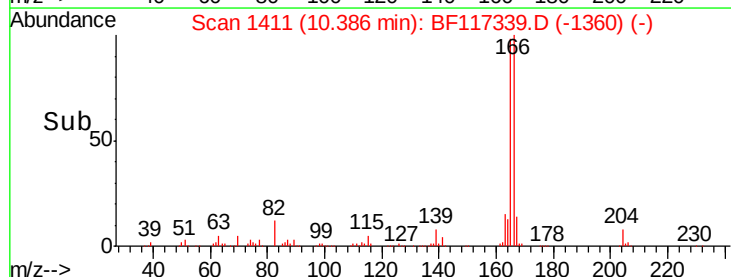
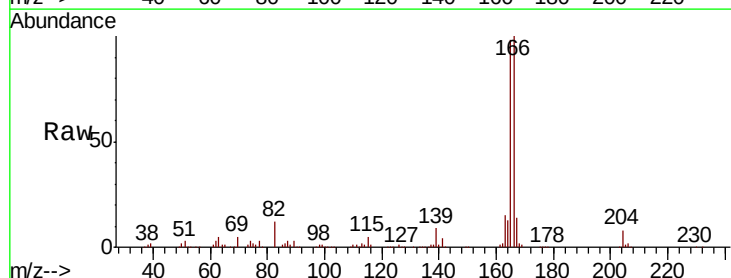
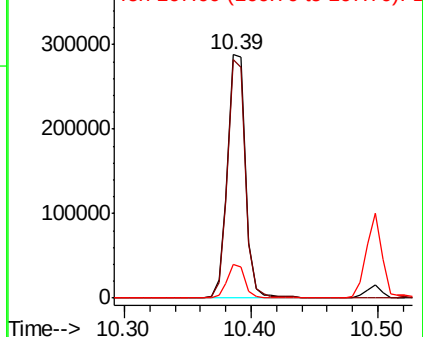
165 98.0 78.9 118.3

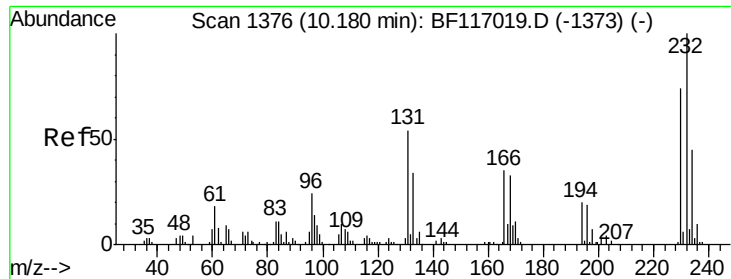
167 13.9 10.6 15.8

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





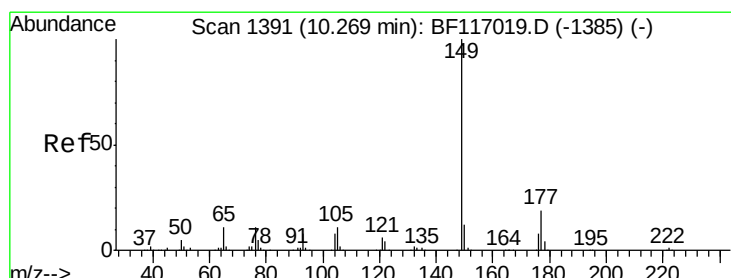
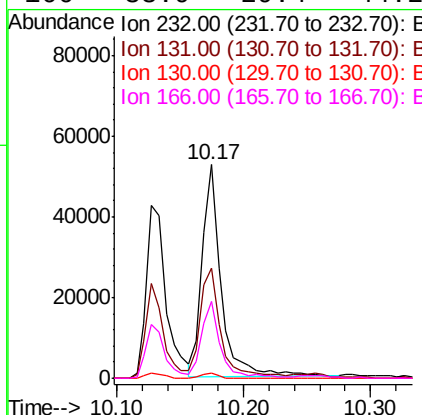
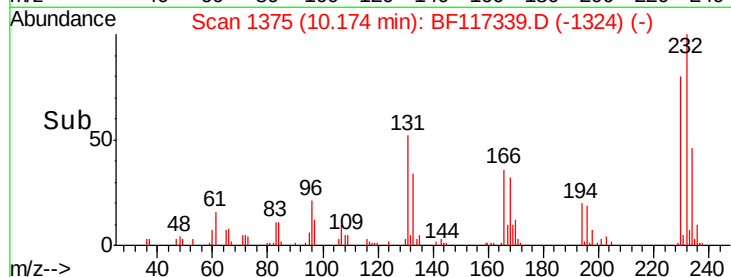
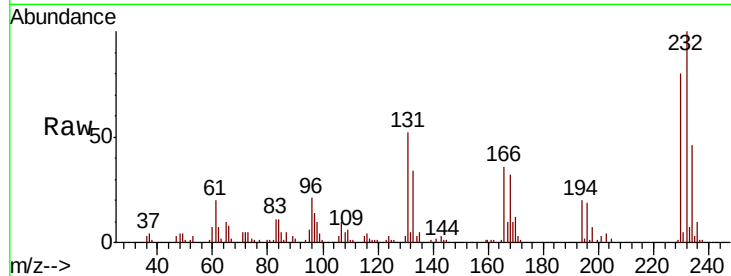
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.716 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 54.3  | 45.3  | 67.9  |
| 130     | 2.3   | 1.8   | 2.8   |
| 166     | 33.9  | 29.4  | 44.2  |

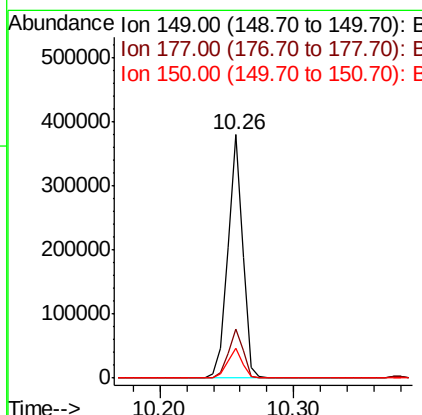
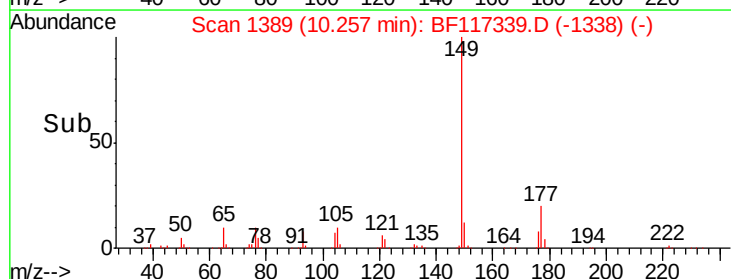
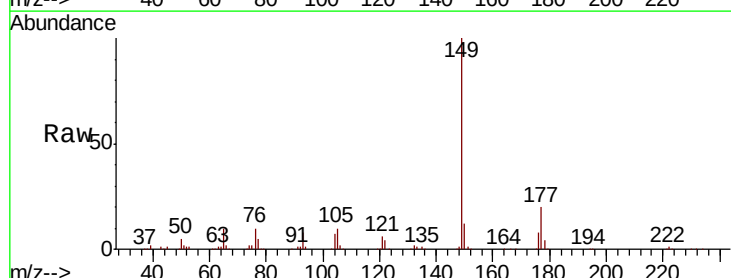
Manual Integrations  
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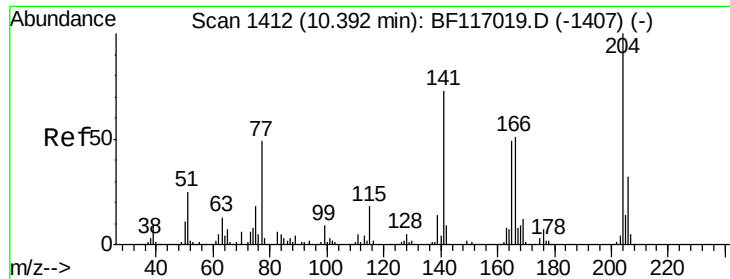
mohammad  
 10/11/2019 8:29:14 AM



#60  
 Diethylphthalate  
 Concen: 42.382 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.4  | 15.2  | 22.8  |
| 150     | 12.5  | 9.9   | 14.9  |





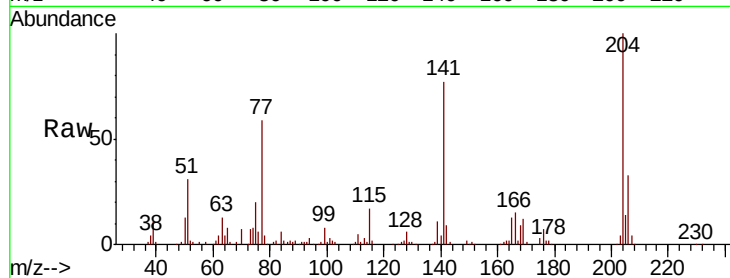
#61  
4-Chlorophenyl-phenylether  
Concen: 43.762 ng  
RT: 10.37 min Scan# 1409  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 26.0  | 39.0  |
| 141     | 77.0  | 58.2  | 87.2  |

Manual Integrations  
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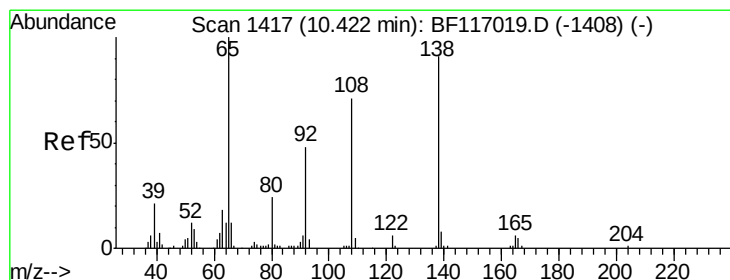
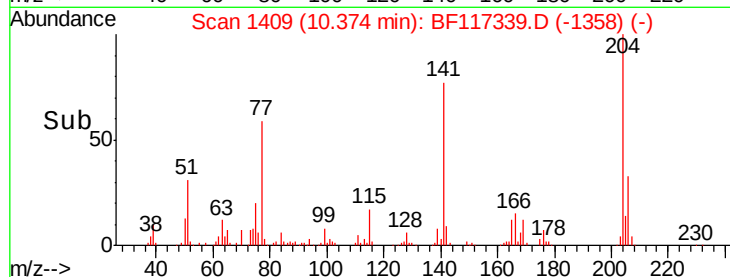
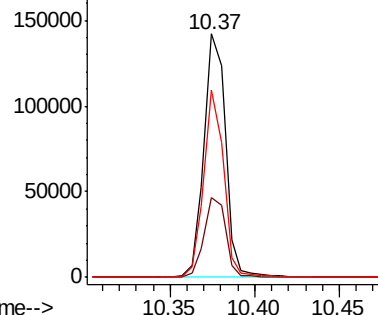


Abundance

Ion 204.00 (203.70 to 204.70): E

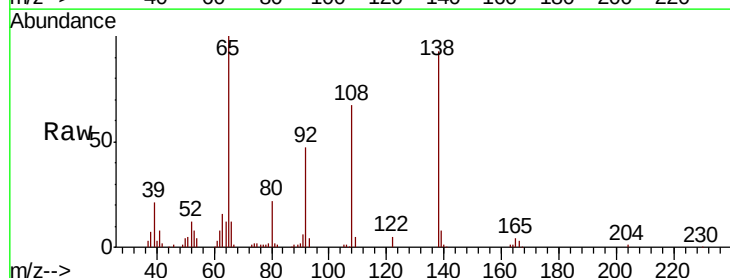
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 40.367 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.7  | 32.9  | 72.9  |
| 108     | 72.1  | 58.3  | 98.3  |

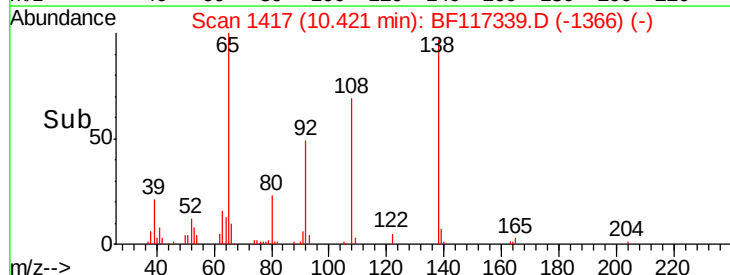
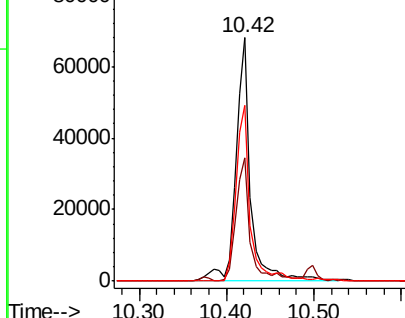


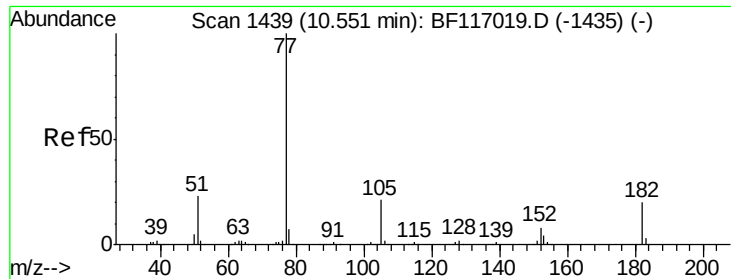
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





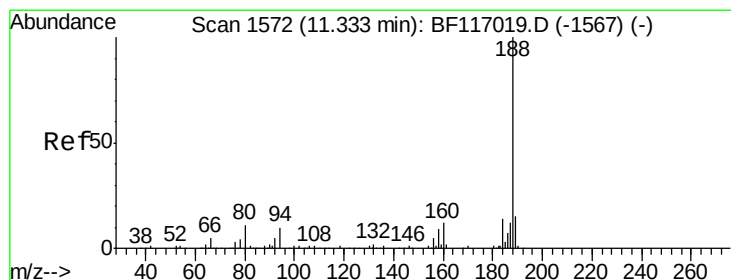
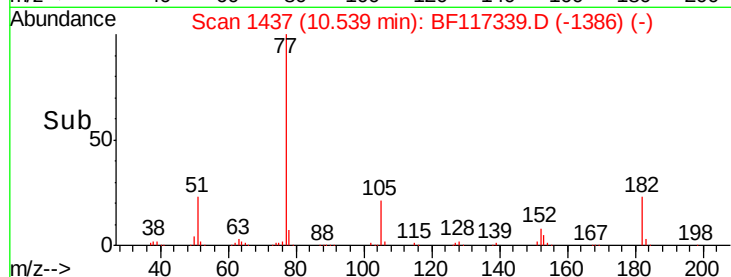
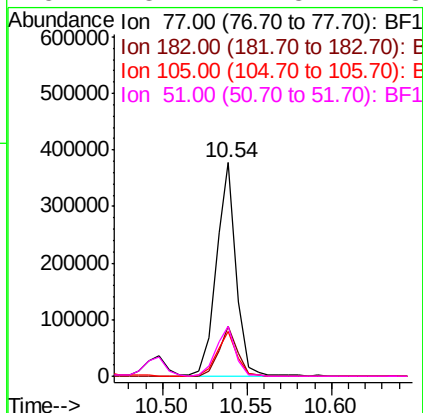
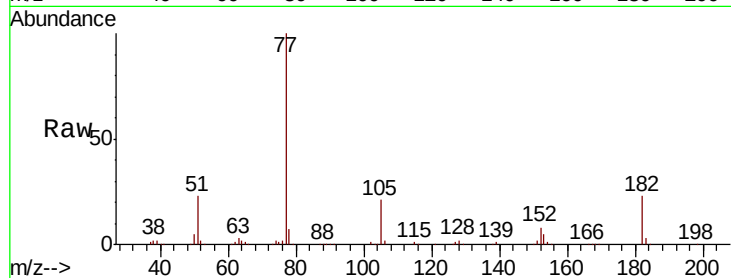
#63  
Azobenzene  
Concen: 41.755 ng  
RT: 10.54 min Scan# 1437  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.4  | 0.4   | 40.4  |
| 105     | 21.1  | 0.9   | 40.9  |
| 51      | 23.2  | 2.8   | 42.8  |

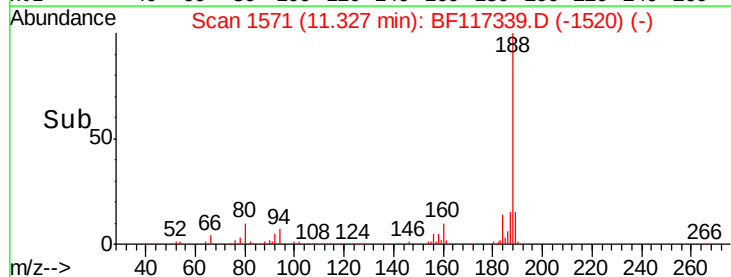
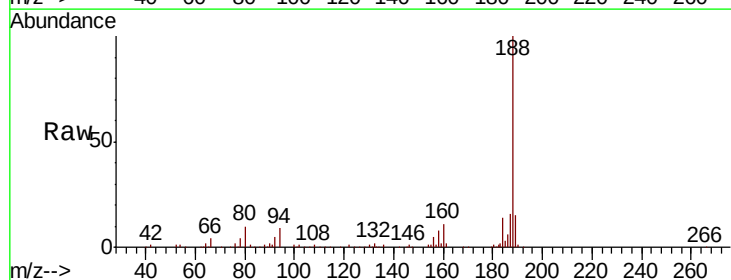
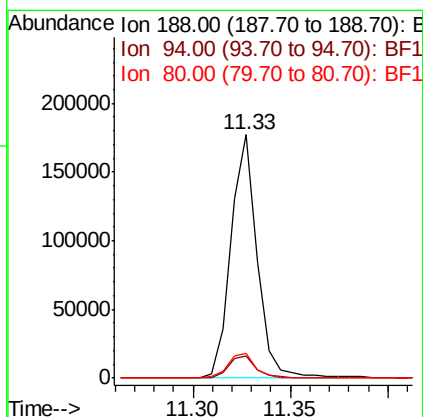
Manual Integrations  
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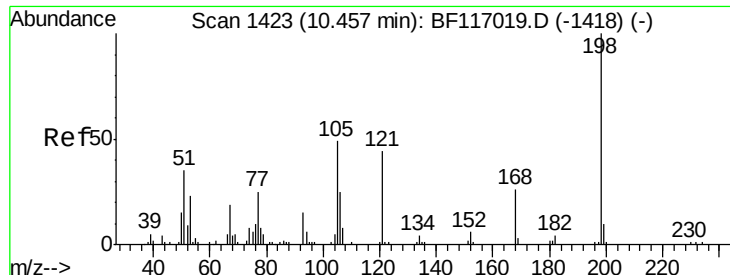
mohammad  
10/11/2019 8:29:14 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1571  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.0   | 8.2   | 12.2  |
| 80      | 10.4  | 9.0   | 13.6  |





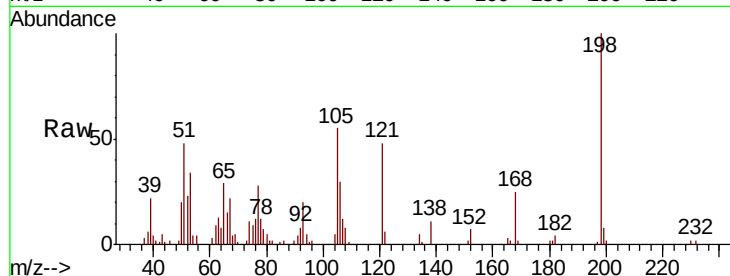
#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.007 ng  
RT: 10.46 min Scan# 1423  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 47.7  | 18.7  | 58.7  |
| 105     | 55.4  | 30.2  | 70.2  |

Manual Integrations  
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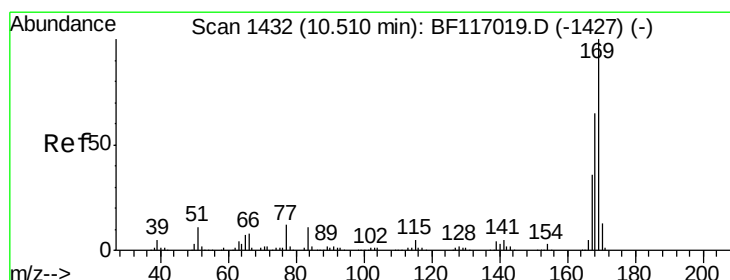
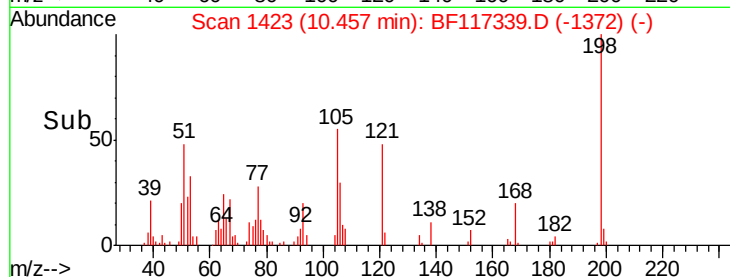
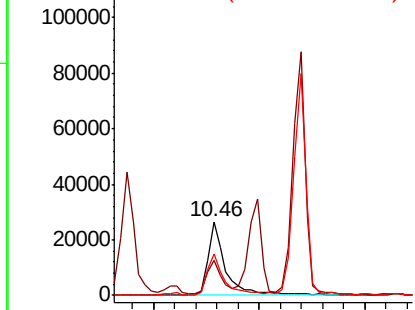


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 43.508 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

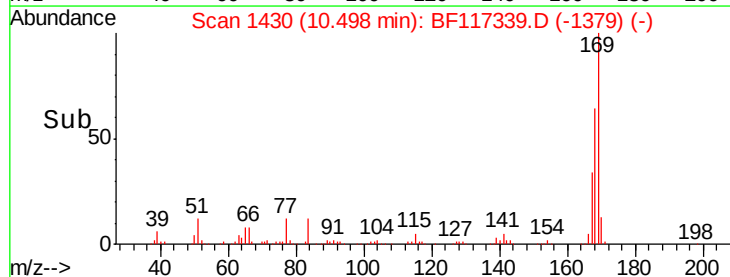
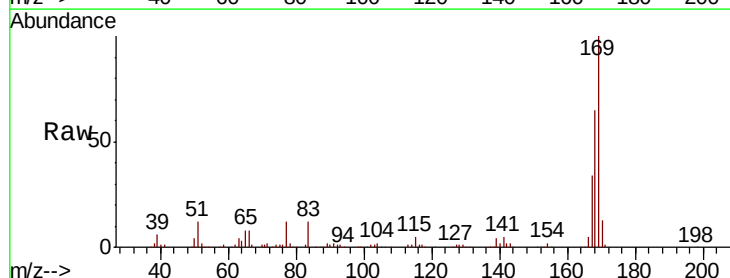
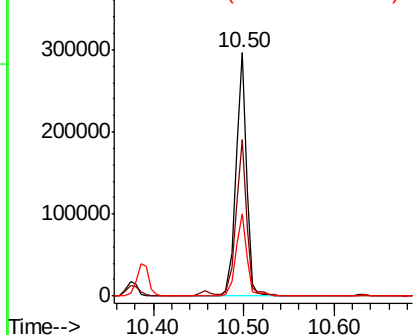
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 64.5  | 52.2  | 78.2  |
| 167     | 34.0  | 28.8  | 43.2  |

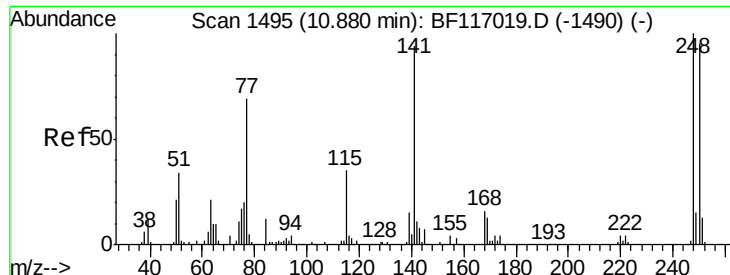
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





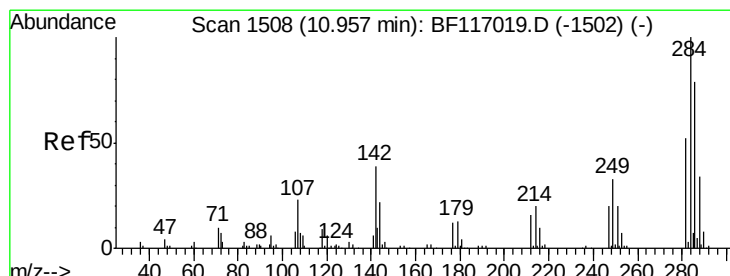
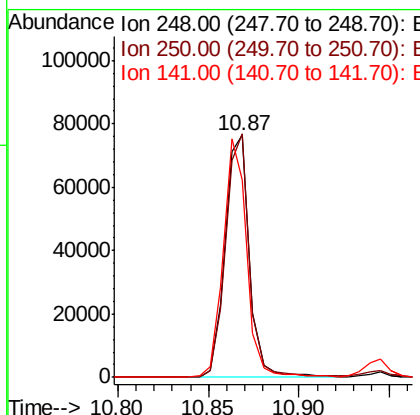
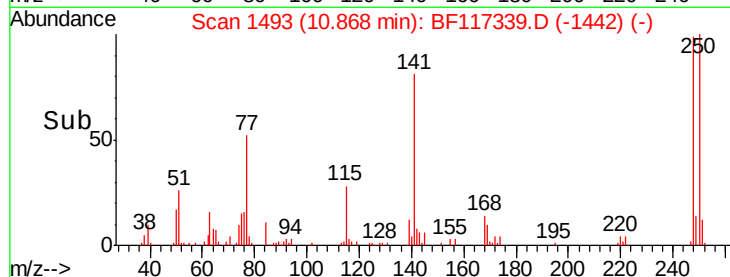
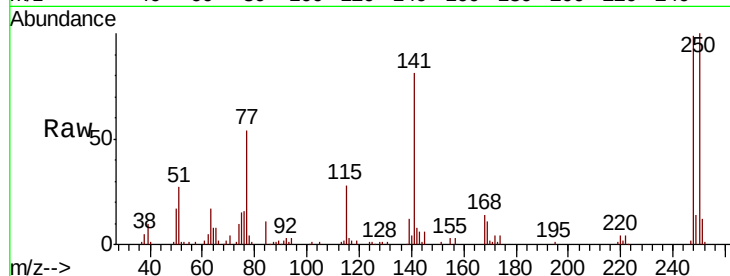
#67  
4-Bromophenyl-phenylether  
Concen: 42.460 ng  
RT: 10.87 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 100.7 | 76.2  | 114.4 |
| 141     | 81.6  | 75.0  | 112.4 |

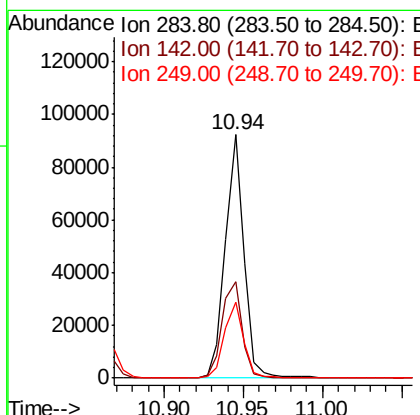
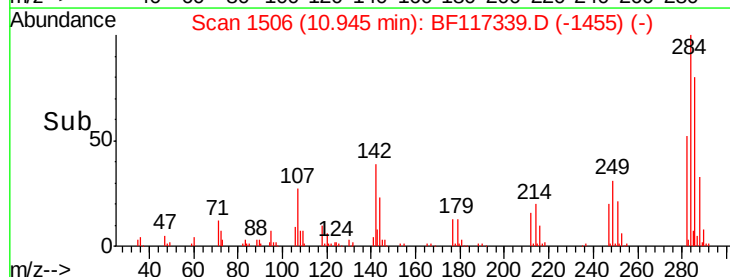
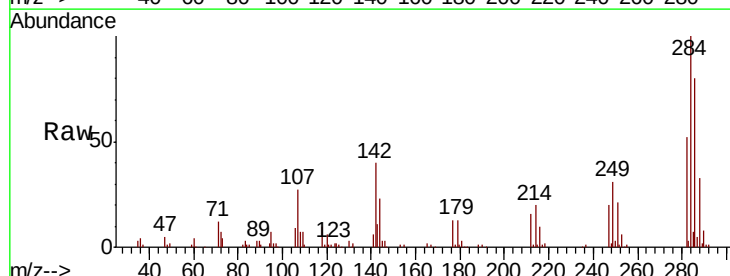
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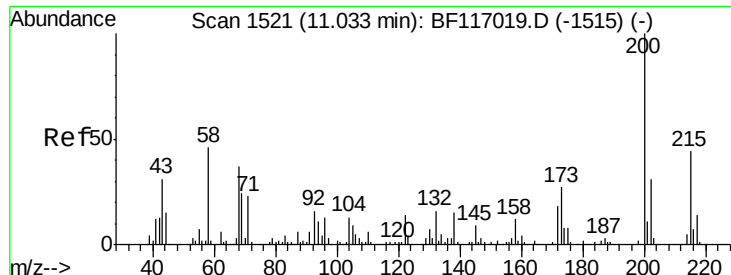
mohammad  
10/11/2019 8:29:14 AM



#68  
Hexachlorobenzene  
Concen: 41.048 ng  
RT: 10.94 min Scan# 1506  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 39.9  | 31.4  | 47.2  |
| 249     | 31.3  | 26.5  | 39.7  |





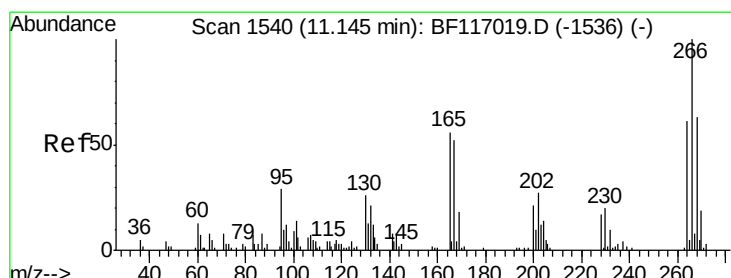
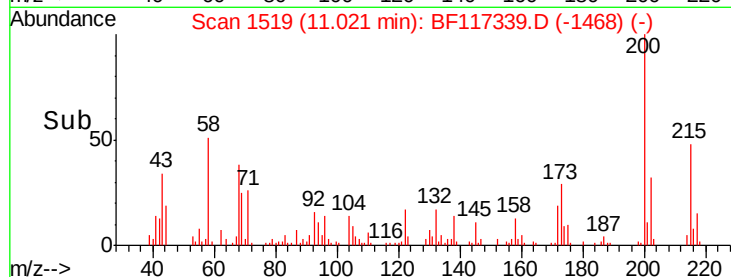
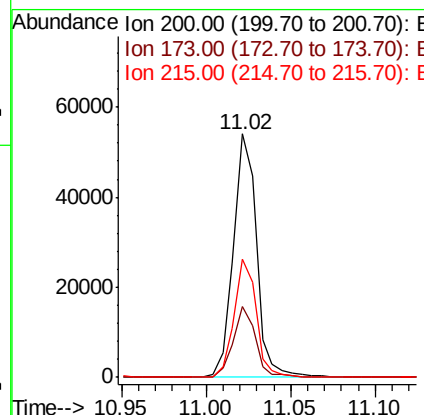
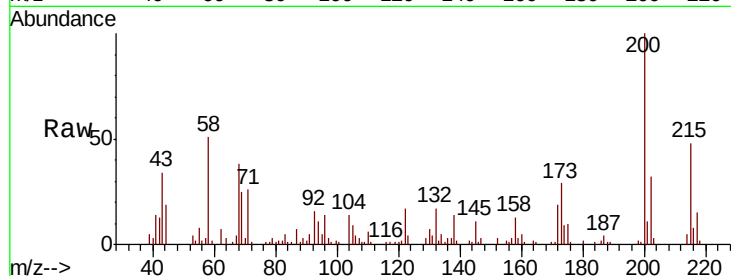
#69  
 Atrazine  
 Concen: 34.067 ng  
 RT: 11.02 min Scan# 1519  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.0  | 6.9   | 46.9  |
| 215     | 48.4  | 23.8  | 63.8  |

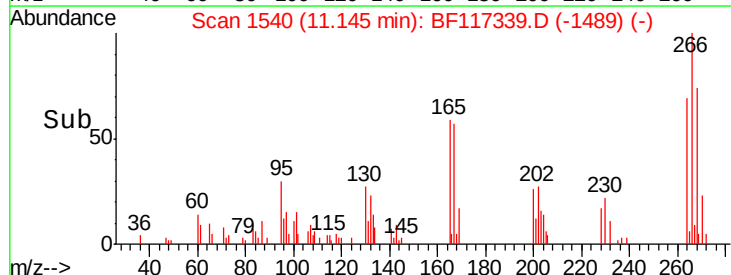
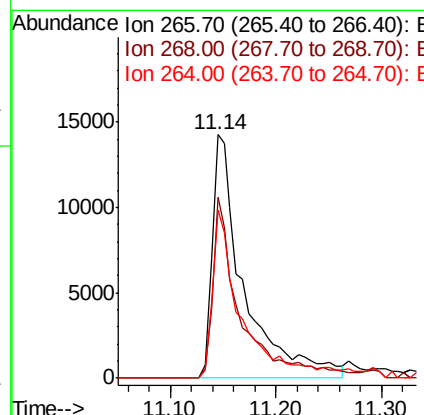
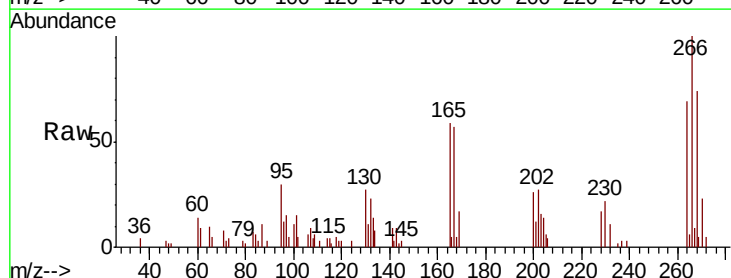
Manual Integrations  
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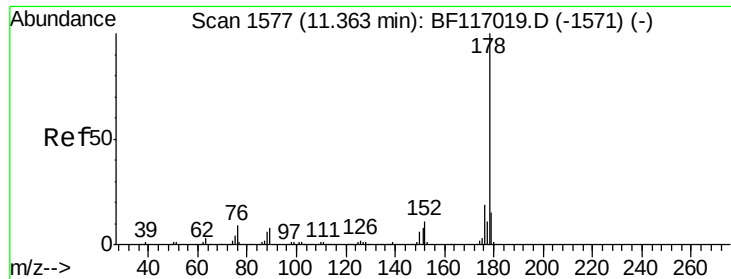
mohammad  
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#70  
 Pentachlorophenol  
 Concen: 34.333 ng  
 RT: 11.14 min Scan# 1540  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 74.5  | 50.5  | 75.7  |
| 264     | 69.0  | 48.8  | 73.2  |





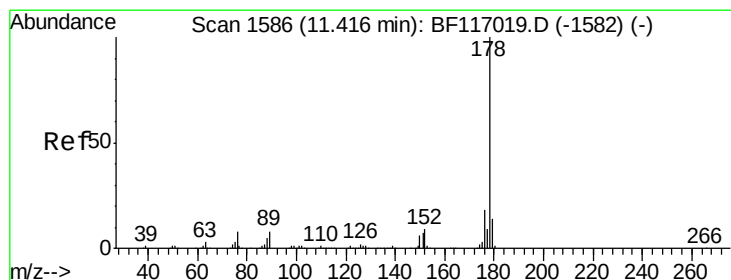
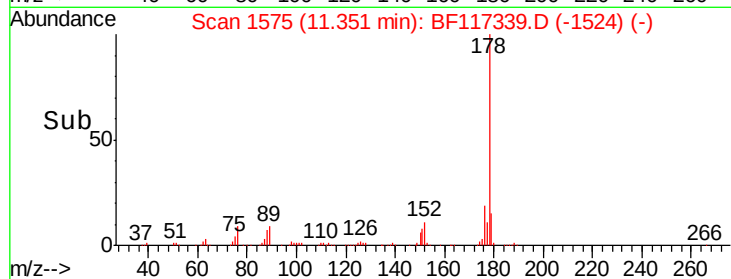
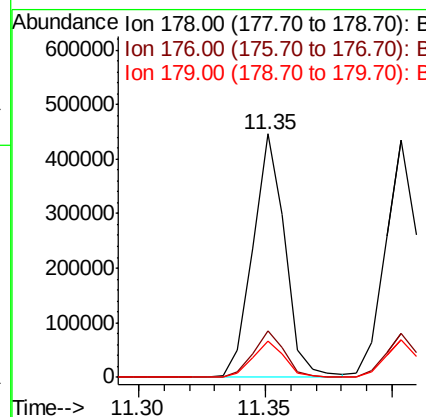
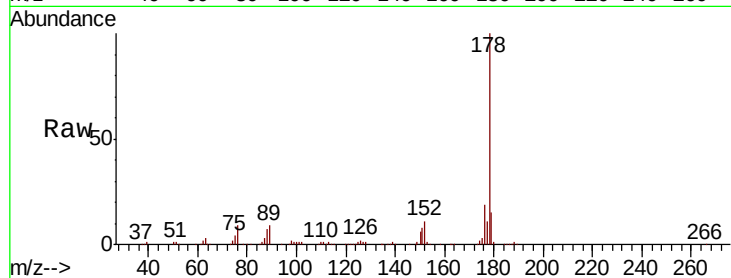
#71  
Phenanthrene  
Concen: 41.848 ng  
RT: 11.35 min Scan# 1575  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.4  | 23.2  |
| 179     | 14.7  | 12.4  | 18.6  |

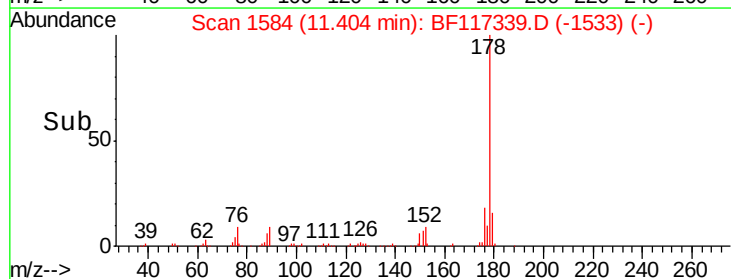
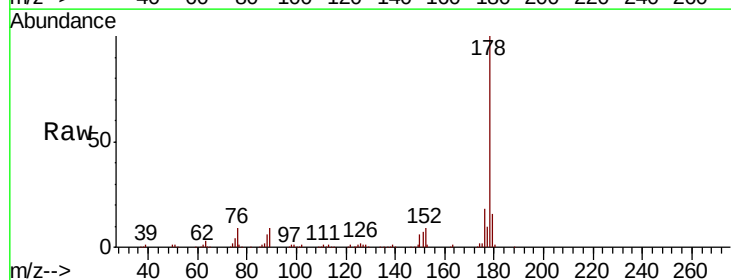
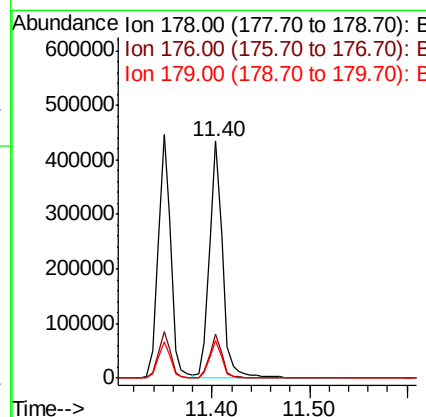
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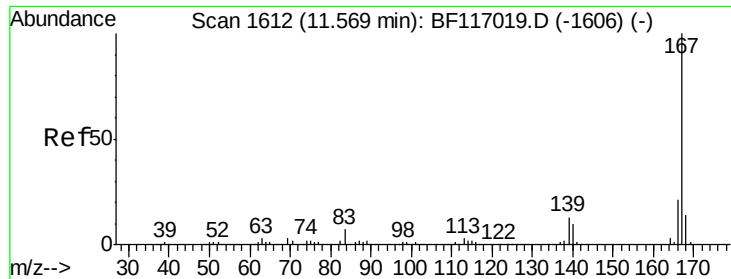


#72  
Anthracene  
Concen: 42.406 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 14.6  | 21.8  |
| 179     | 15.8  | 11.6  | 17.4  |







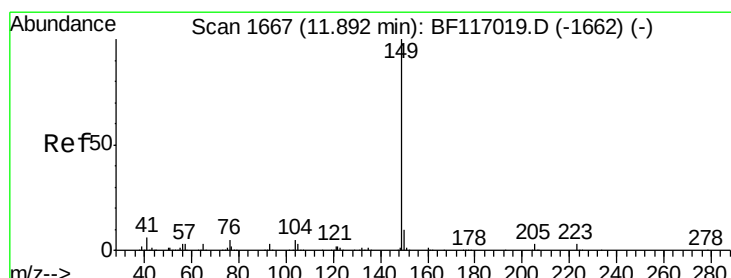
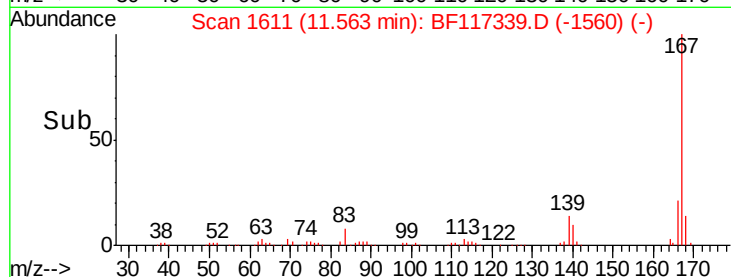
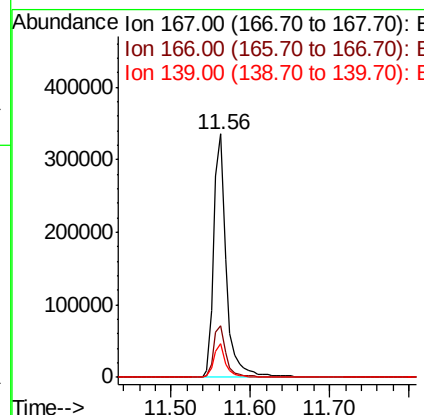
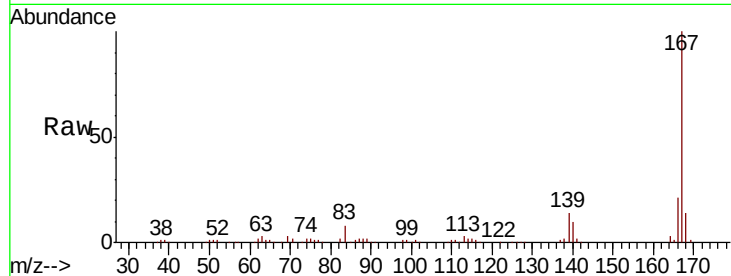
#73  
 Carbazole  
 Concen: 40.879 ng  
 RT: 11.56 min Scan# 1611  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.2  | 17.2  | 25.8  |
| 139     | 13.6  | 10.6  | 16.0  |

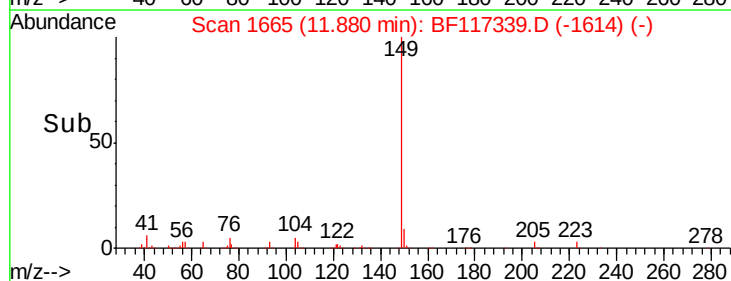
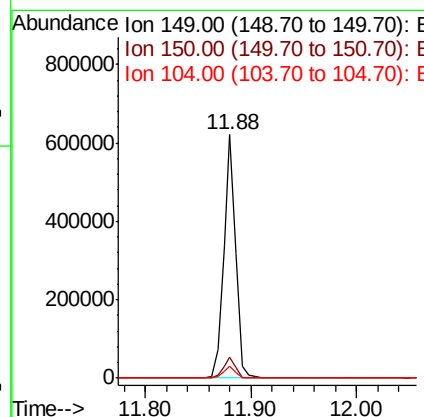
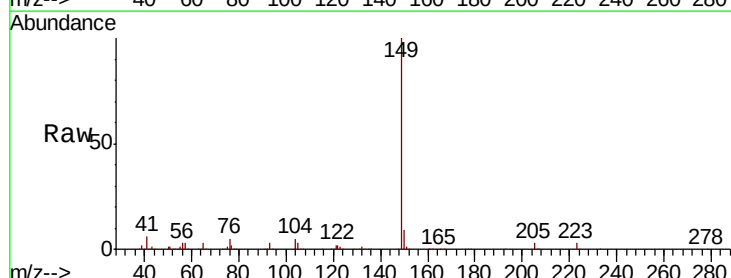
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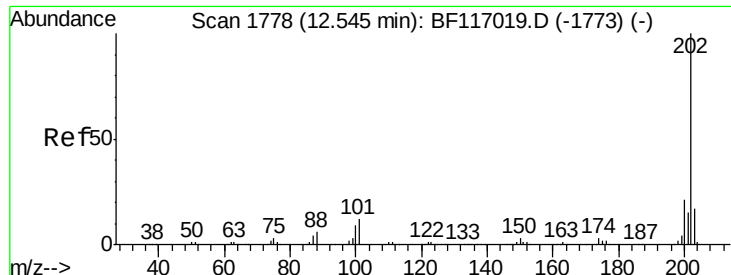
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#74  
 Di-n-butylphthalate  
 Concen: 46.008 ng  
 RT: 11.88 min Scan# 1665  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.7   | 7.7   | 11.5  |
| 104     | 5.1   | 4.2   | 6.4   |





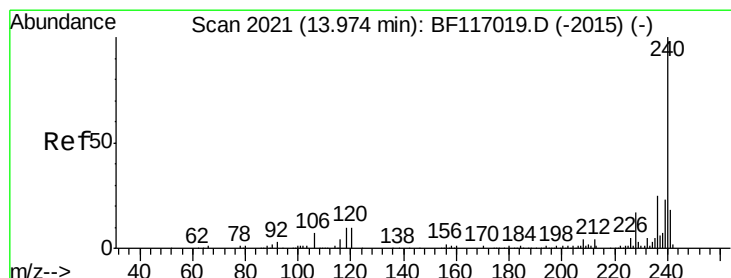
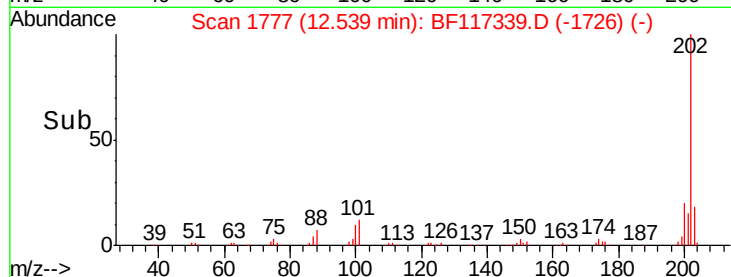
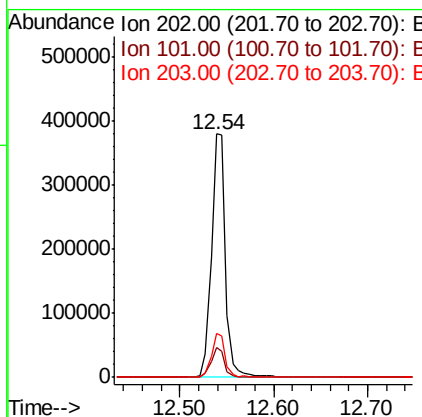
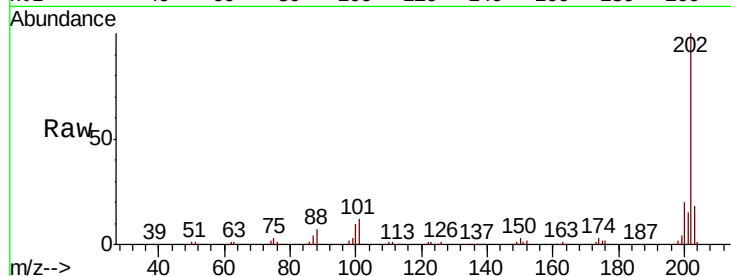
#75  
 Fluoranthene  
 Concen: 41.798 ng  
 RT: 12.54 min Scan# 1777  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 12.3  | 0.0        | 32.3  |
| 203     | 18.3  | 0.0        | 37.1  |

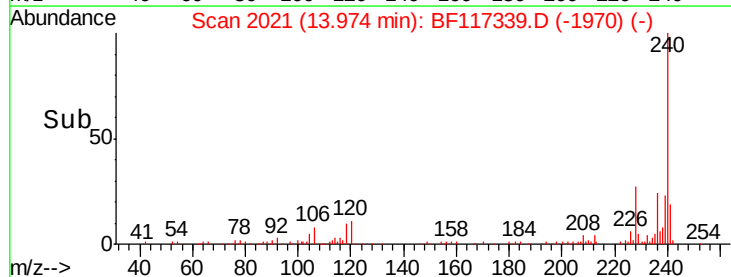
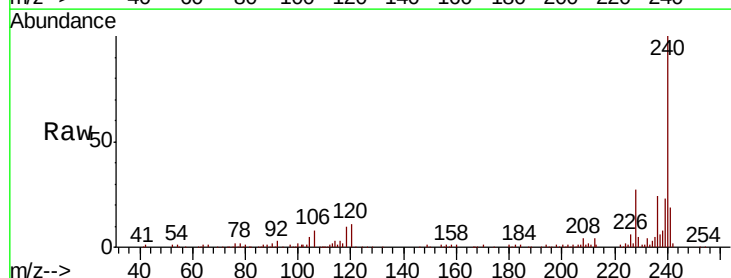
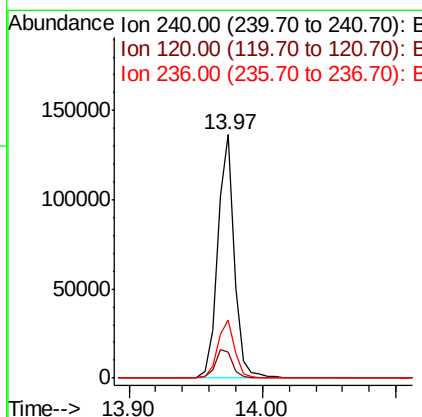
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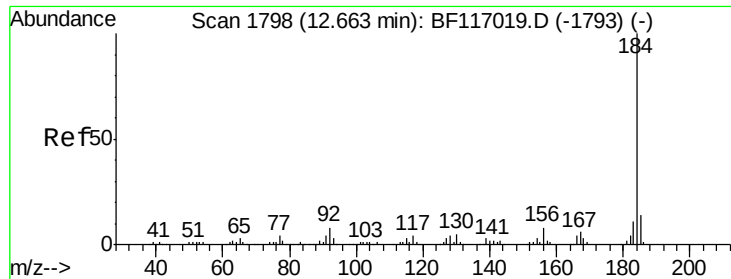
mohammad  
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#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2021  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 10.6  | 8.3        | 12.5  |
| 236     | 23.6  | 20.3       | 30.5  |





#77

Benzidine

Concen: 39.679 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA\_F

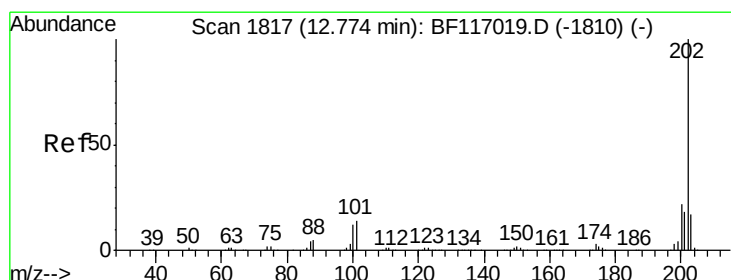
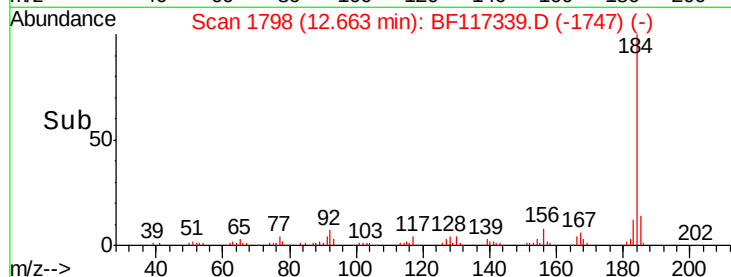
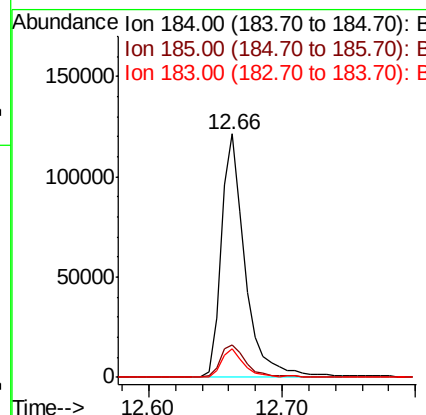
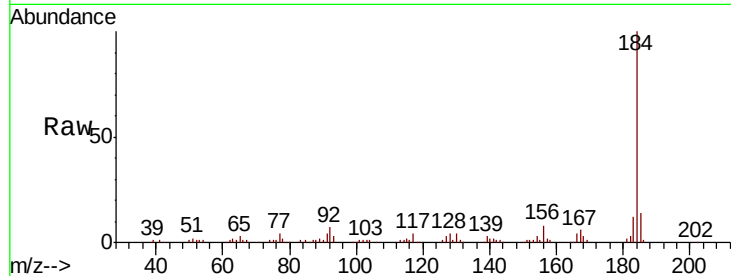
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 153167 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.6  | 11.6  | 17.4   |
| 183       | 11.7  | 9.0   | 13.4   |

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#78

Pyrene

Concen: 40.429 ng

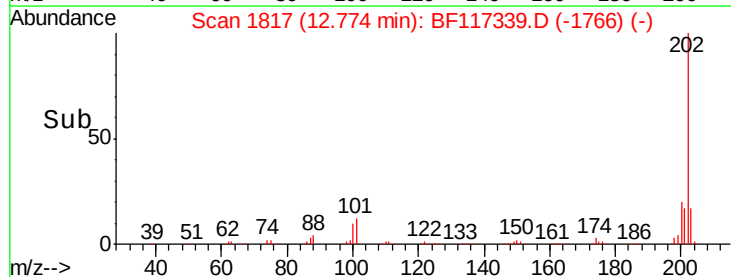
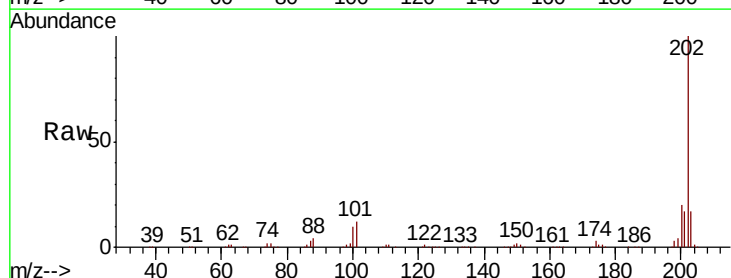
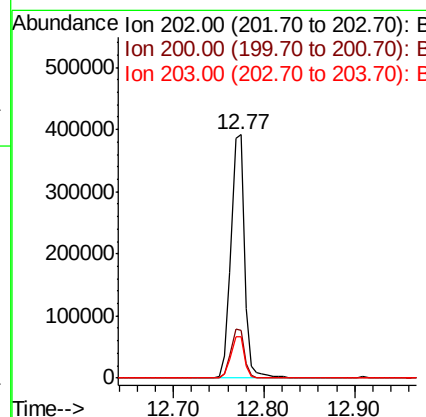
RT: 12.77 min Scan# 1817

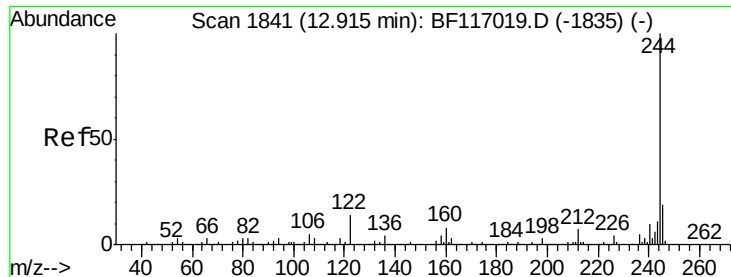
Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 406519 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 19.8  | 17.2  | 25.8   |
| 203       | 17.0  | 14.0  | 21.0   |





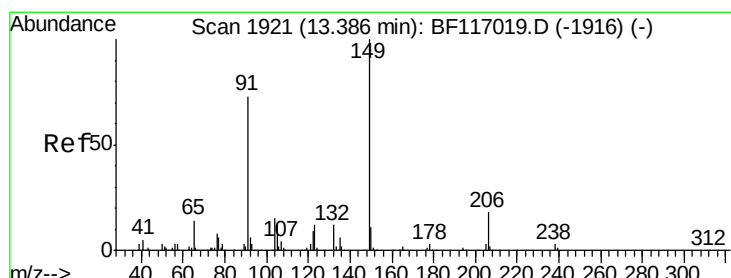
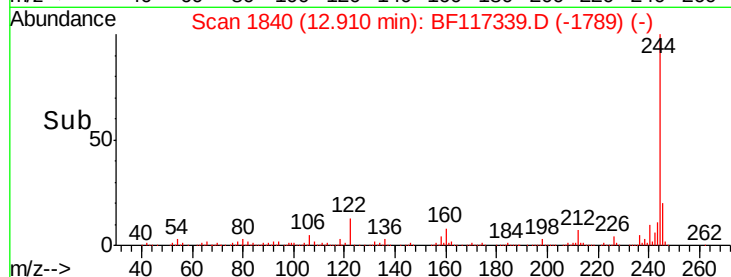
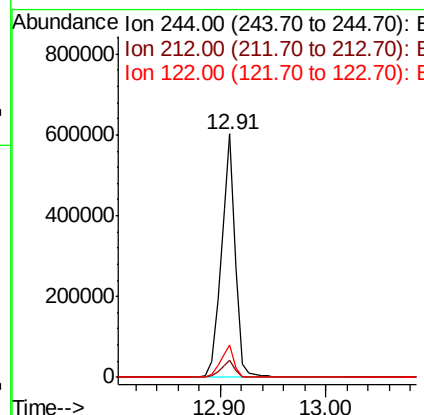
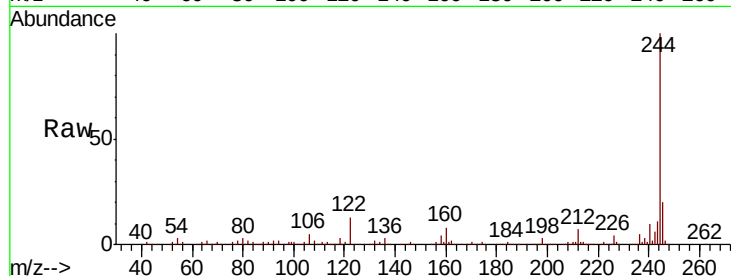
#79  
 Terphenyl-d14  
 Concen: 87.694 ng  
 RT: 12.91 min Scan# 1840  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.8   | 8.8   |
| 122     | 13.1  | 11.3  | 16.9  |

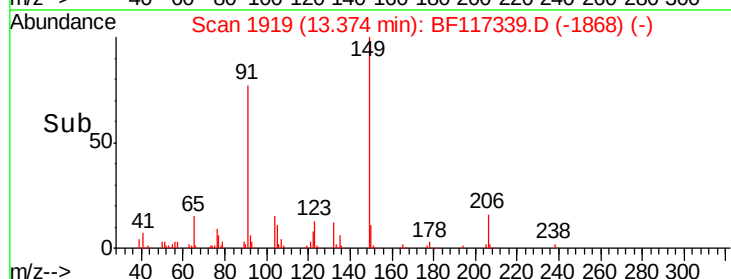
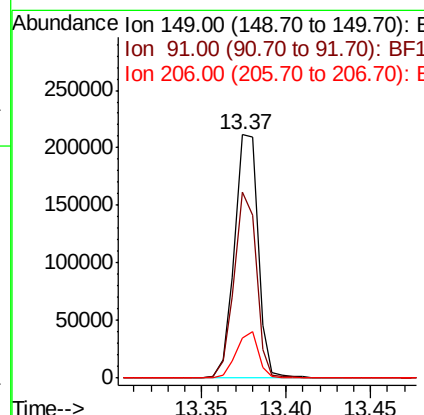
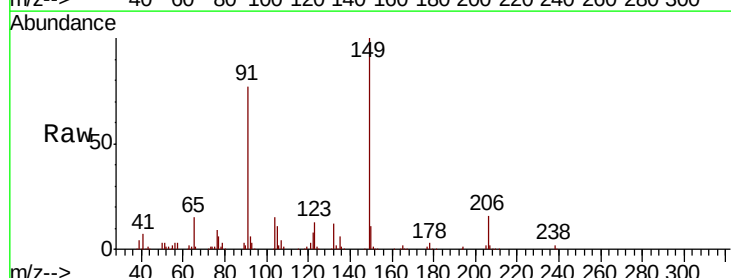
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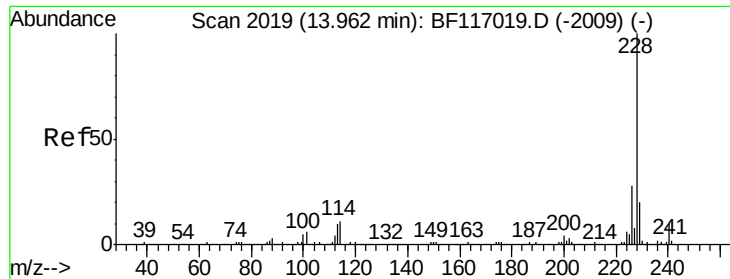
mohammad  
 10/11/2019 8:29:14 AM



#80  
 Butylbenzylphthalate  
 Concen: 43.220 ng  
 RT: 13.37 min Scan# 1919  
 Delta R.T. 0.00 min  
 Lab File: BF117339.D  
 Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.6  | 58.8  | 88.2  |
| 206     | 16.3  | 14.1  | 21.1  |





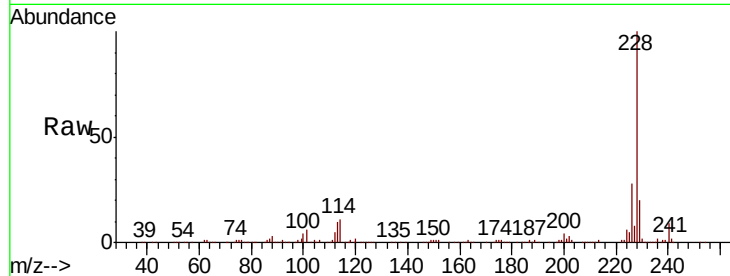
#81  
Benzo(a)anthracene  
Concen: 40.990 ng  
RT: 13.96 min Scan# 2019  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.6  | 22.3  | 33.5  |
| 229     | 19.6  | 15.9  | 23.9  |

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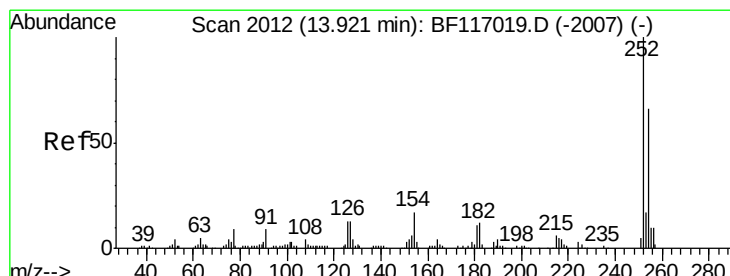
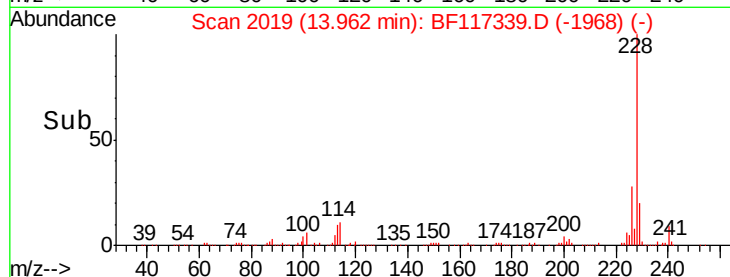
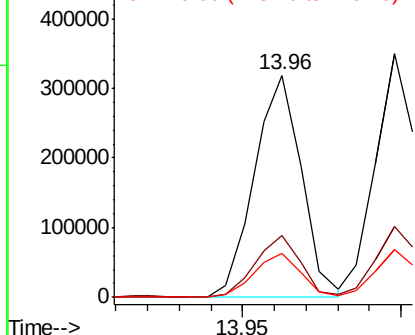


Abundance

Ion 228.00 (227.70 to 228.70): E

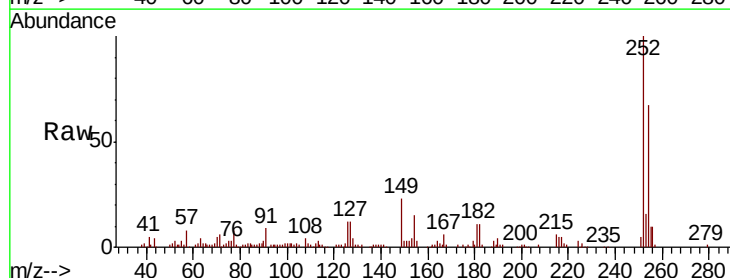
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82  
3,3'-Dichlorobenzidine  
Concen: 40.670 ng  
RT: 13.92 min Scan# 2012  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.9  | 52.6  | 79.0  |
| 126     | 12.2  | 10.4  | 15.6  |

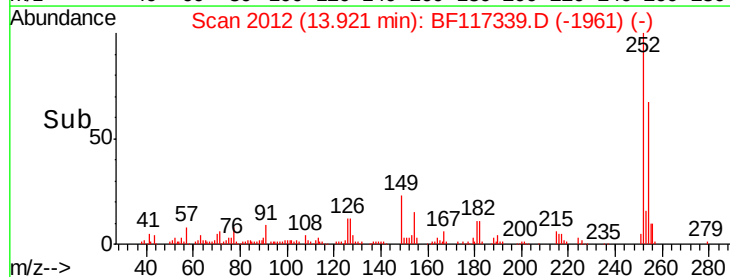
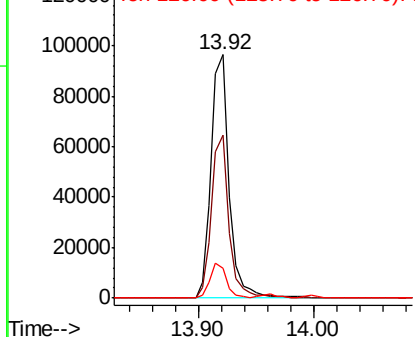


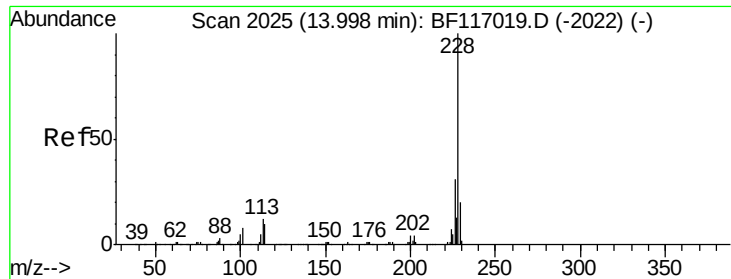
Abundance

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





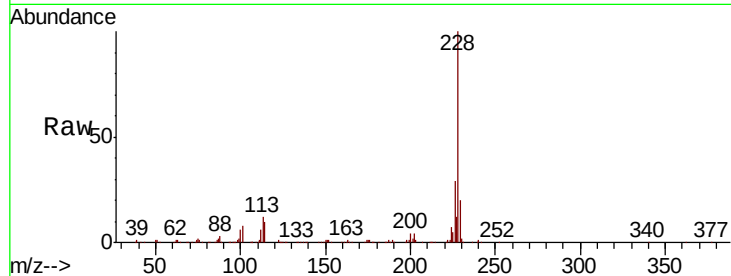
#83  
Chrysene  
Concen: 41.417 ng  
RT: 14.00 min Scan# 2025  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.3  | 24.8  | 37.2  |
| 229     | 19.6  | 15.8  | 23.8  |

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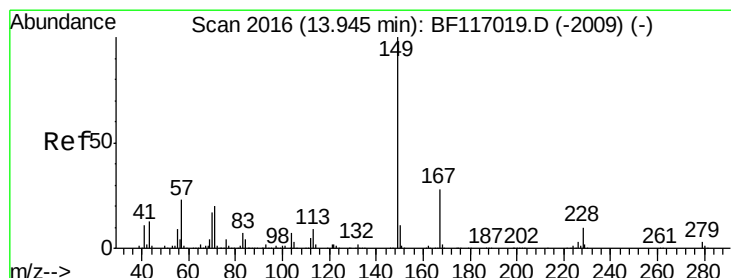
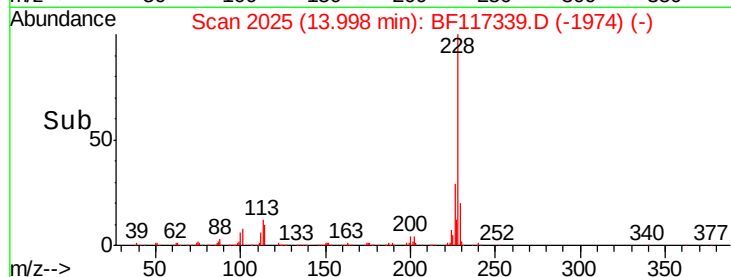
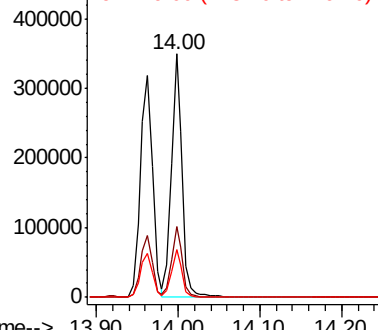


Abundance

Ion 228.00 (227.70 to 228.70): E

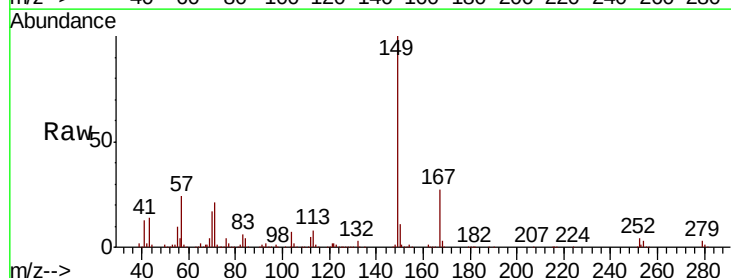
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.386 ng  
RT: 13.93 min Scan# 2014  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.6  | 22.2  | 33.2  |
| 279     | 3.2   | 2.8   | 4.2   |

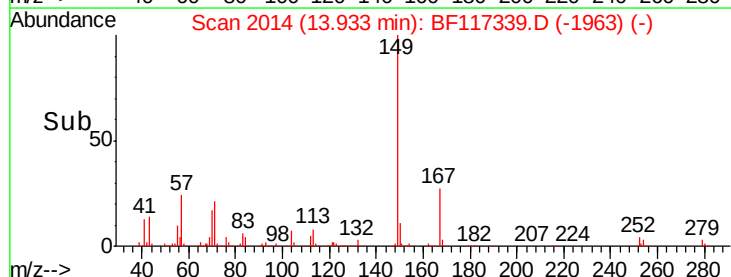
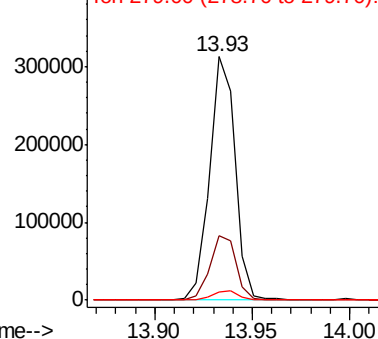


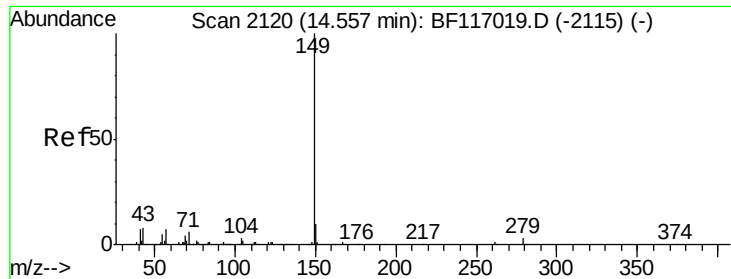
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





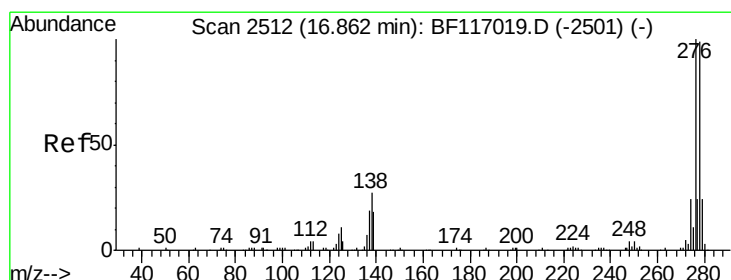
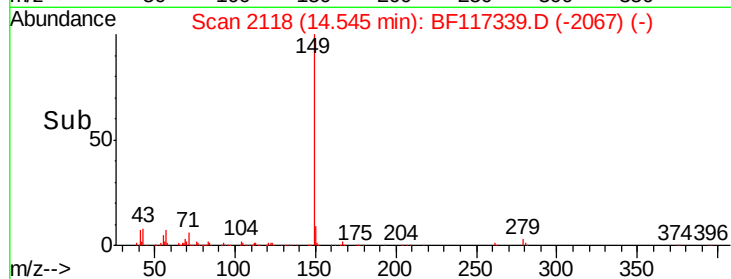
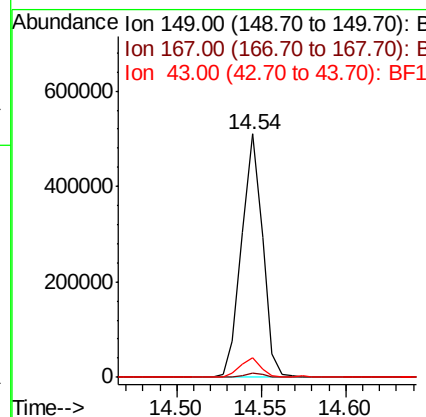
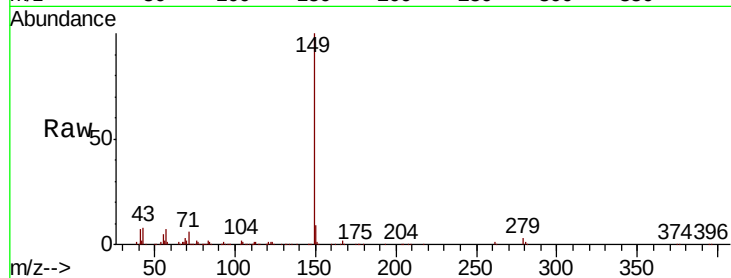
#85  
Di-n-octyl phthalate  
Concen: 45.704 ng  
RT: 14.54 min Scan# 2118  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 149     | 100 |       | 440673 |       |       |
| 167     | 1.5 | 1.2   | 1.8    |       |       |
| 43      | 7.9 | 6.2   | 9.4    |       |       |

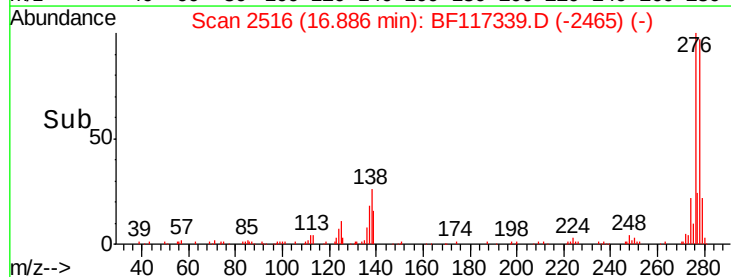
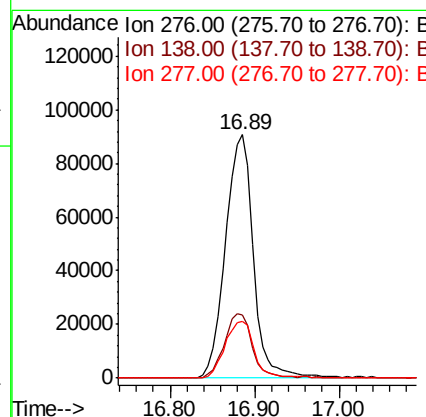
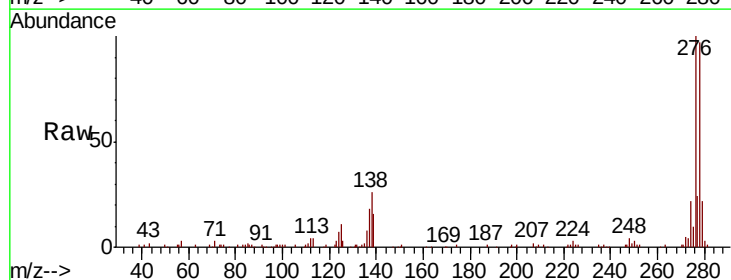
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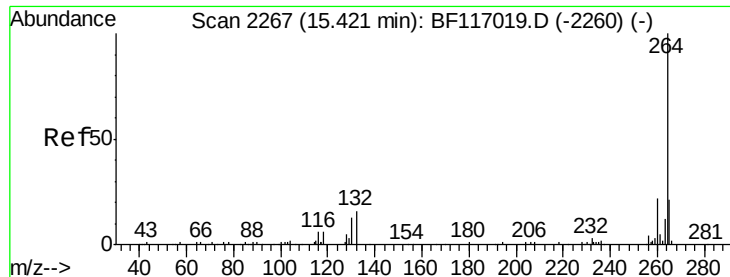
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 36.368 ng  
RT: 16.89 min Scan# 2516  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 276     | 100  |       | 207190 |       |       |
| 138     | 26.6 | 20.7  | 31.1   |       |       |
| 277     | 24.4 | 19.8  | 29.8   |       |       |





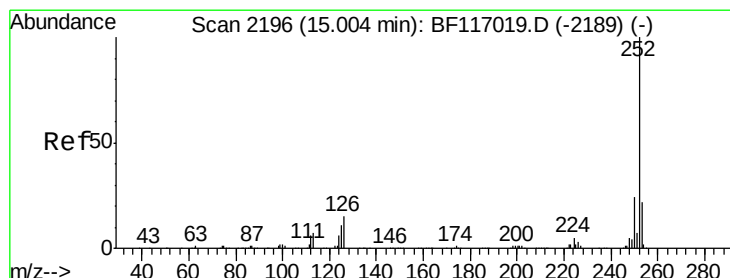
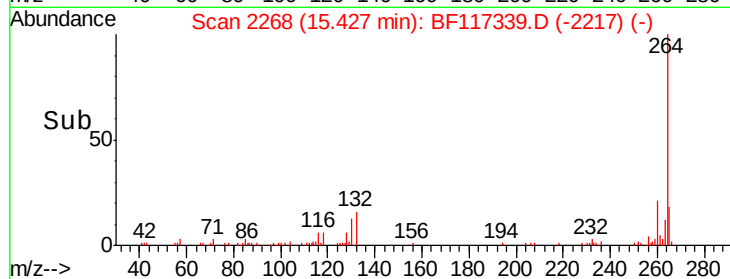
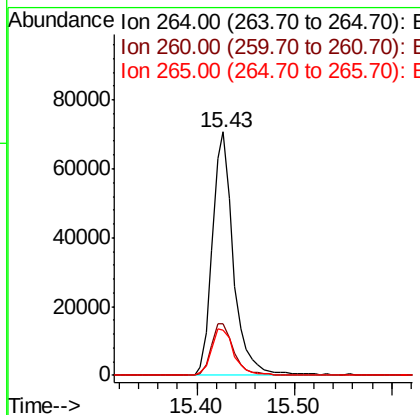
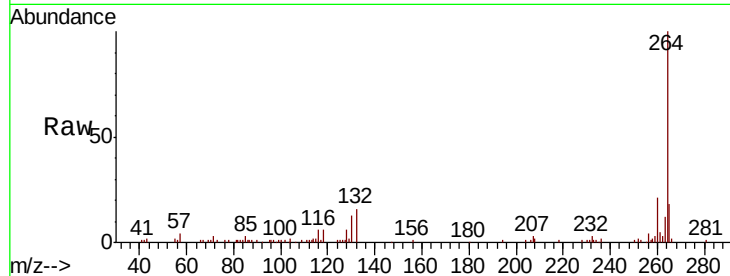
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.43 min Scan# 2268  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.4  | 17.6  | 26.4  |
| 265     | 18.3  | 16.6  | 24.8  |

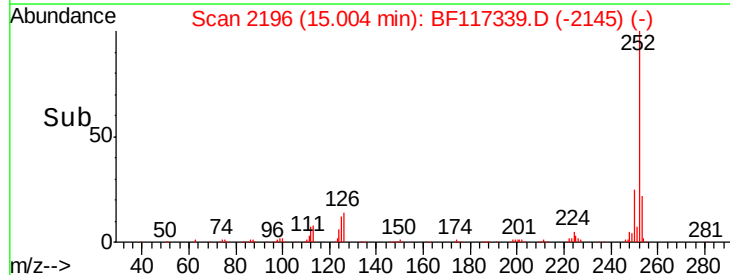
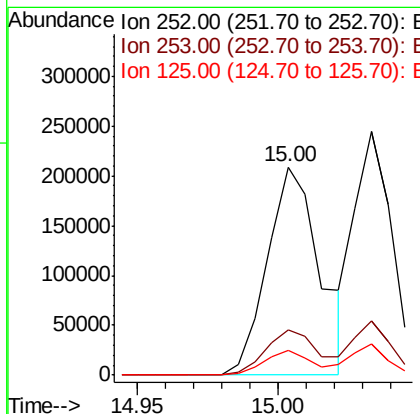
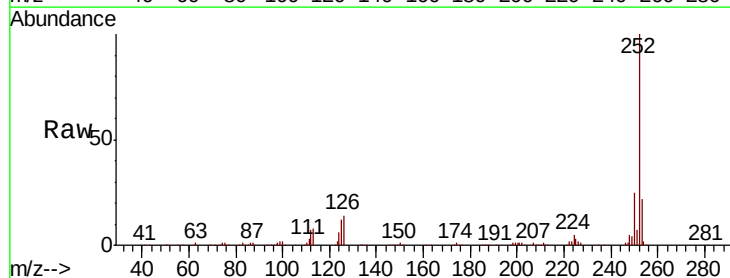
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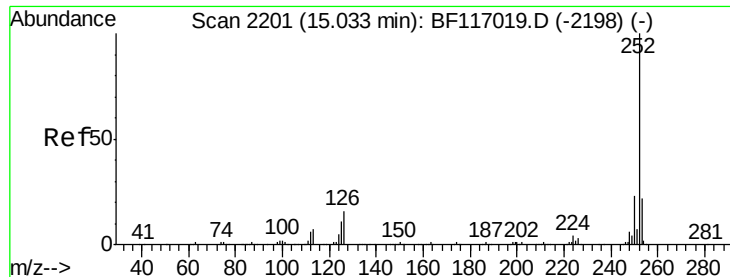


#88  
Benzo(b)fluoranthene  
Concen: 42.581 ng  
RT: 15.00 min Scan# 2196  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.6  | 26.4  |
| 125     | 11.8  | 8.6   | 12.8  |







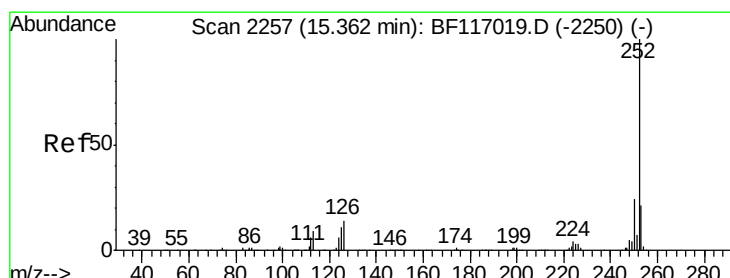
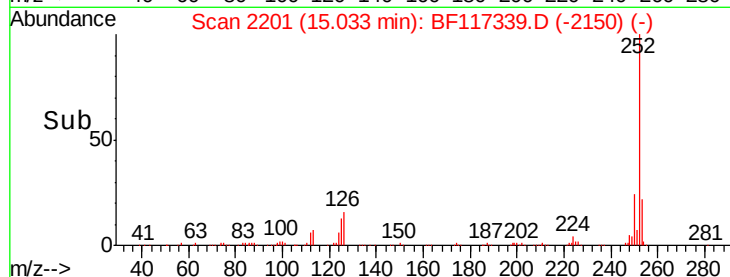
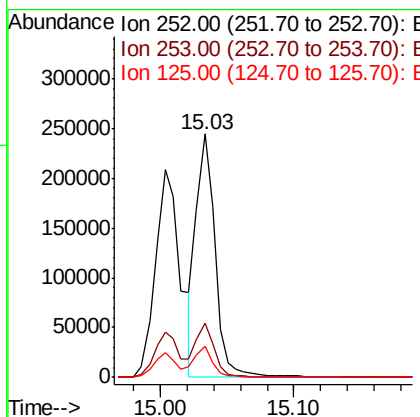
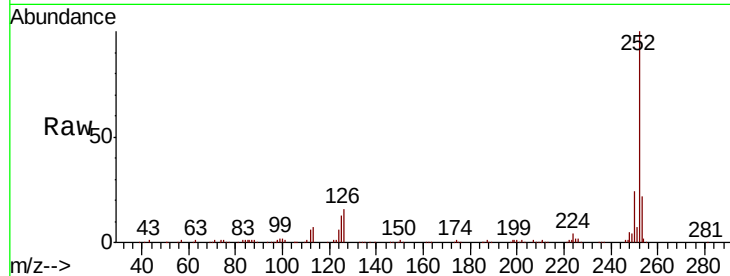
#89  
Benzo(k)fluoranthene  
Concen: 39.310 ng  
RT: 15.03 min Scan# 2201  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.4  | 26.2  |
| 125     | 12.6  | 8.8   | 13.2  |

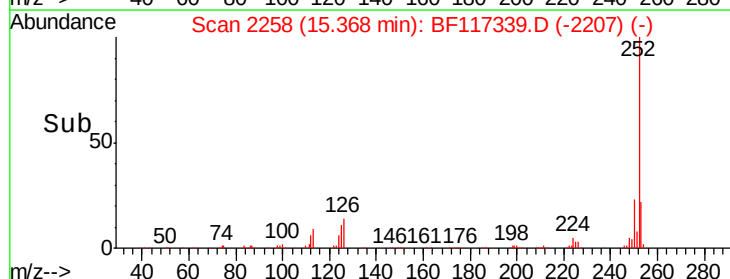
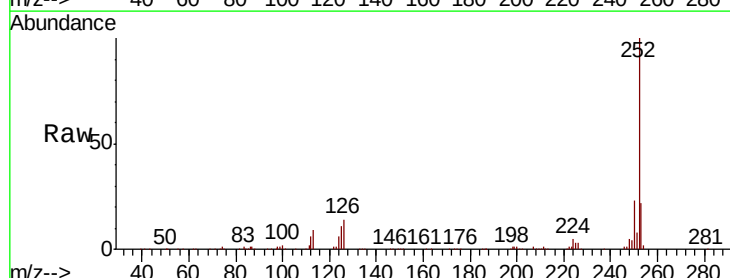
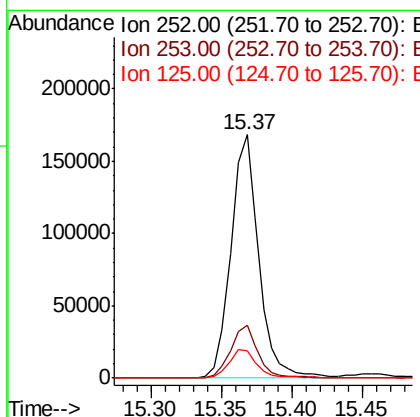
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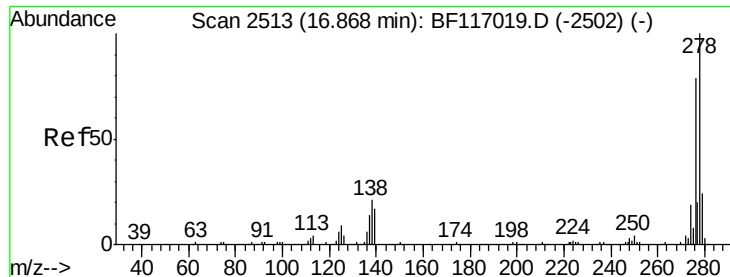
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#90  
Benzo(a)pyrene  
Concen: 41.252 ng  
RT: 15.37 min Scan# 2258  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 16.6  | 25.0  |
| 125     | 11.1  | 8.9   | 13.3  |





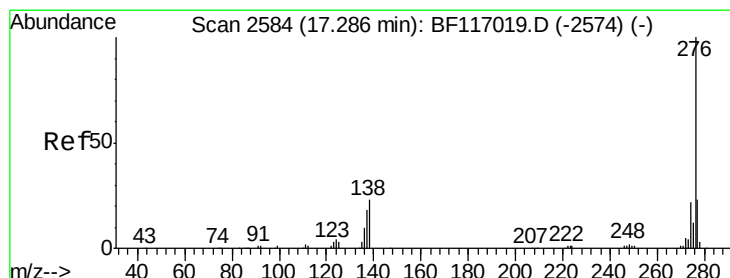
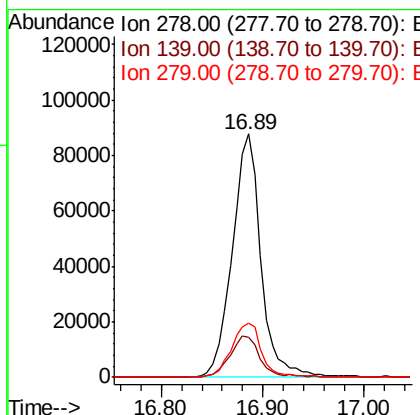
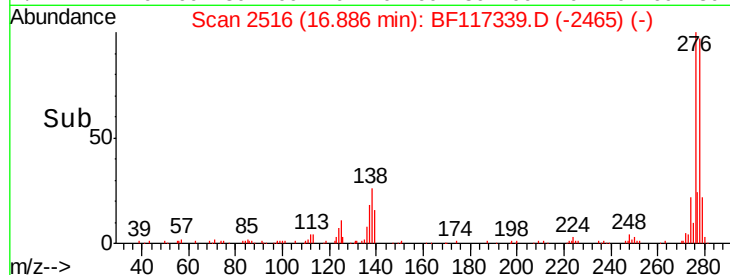
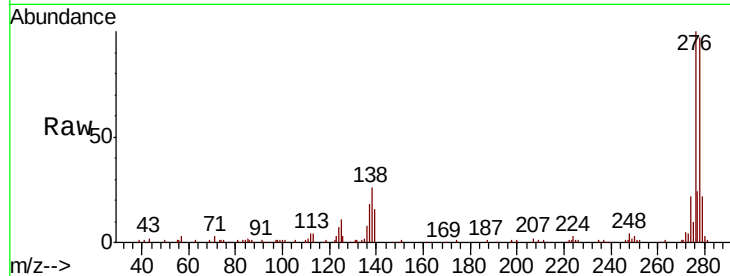
#91  
Dibenzo(a,h)anthracene  
Concen: 38.668 ng  
RT: 16.89 min Scan# 2516  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.5  | 13.5  | 20.3  |
| 279     | 22.5  | 18.8  | 28.2  |

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 35.218 ng  
RT: 17.32 min Scan# 2590  
Delta R.T. 0.00 min  
Lab File: BF117339.D  
Acq: 8 Oct 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.0  | 18.6  | 27.8  |
| 138     | 23.3  | 18.0  | 27.0  |

