

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\  
 Data File : BF119257.D  
 Acq On : 6 Mar 2020 18:43  
 Operator : CG/JU  
 Sample : L1783-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-10-030220MSD

Manual Integrations  
 APPROVED

mohammad  
 3/9/2020 3:09:21 PM

Quant Time: Mar 07 02:03:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 06 23:38:46 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 96077    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.00  | 136  | 376557   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.76  | 164  | 205711   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.25 | 188  | 395540   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.89 | 240  | 301006   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.31 | 264  | 287863   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.36  | 112 | 658612  | 114.56 | ng | 0.00 |
| 7) Phenol-d6                | 6.38  | 99  | 773527  | 110.63 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.29  | 82  | 520069  | 72.92  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330 | 285348  | 106.04 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.08  | 172 | 1030942 | 73.83  | ng | 0.00 |
| 79) Terphenyl-d14           | 12.82 | 244 | 1374392 | 78.61  | ng | 0.00 |

|                                |      |     |        |        |        |      |
|--------------------------------|------|-----|--------|--------|--------|------|
| Target Compounds               |      |     |        |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 2.42 | 88  | 99288  | 38.789 | ng     | 98   |
| 3) Pyridine                    | 3.15 | 79  | 241116 | 34.492 | ng     | 97   |
| 4) n-Nitrosodimethylamine      | 3.09 | 42  | 103887 | 49.058 | ng     | 95   |
| 6) Aniline                     | 6.39 | 93  | 310169 | 35.951 | ng     | 98   |
| 8) 2-Chlorophenol              | 6.52 | 128 | 323162 | 52.087 | ng     | 97   |
| 9) Benzaldehyde                | 6.27 | 77  | 235829 | 50.484 | ng     | 97   |
| 10) Phenol                     | 6.40 | 94  | 379345 | 50.181 | ng     | 88   |
| 11) bis(2-Chloroethyl)ether    | 6.46 | 93  | 286094 | 49.462 | ng     | 97   |
| 12) 1,3-Dichlorobenzene        | 6.66 | 146 | 348402 | 46.852 | ng     | 96   |
| 13) 1,4-Dichlorobenzene        | 6.74 | 146 | 357586 | 48.054 | ng     | 99   |
| 14) 1,2-Dichlorobenzene        | 6.89 | 146 | 328393 | 48.389 | ng     | 99   |
| 15) Benzyl Alcohol             | 6.88 | 79  | 266084 | 52.655 | ng     | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45  | 230432 | 45.990 | ng     | # 5  |
| 17) 2-Methylphenol             | 7.00 | 107 | 252696 | 50.236 | ng     | 94   |
| 18) Hexachloroethane           | 7.23 | 117 | 126951 | 47.685 | ng     | 95   |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 216082 | 53.037 | ng     | 96   |
| 20) 3+4-Methylphenols          | 7.15 | 107 | 339743 | 55.129 | ng     | 89   |
| 22) Acetophenone               | 7.14 | 105 | 428701 | 49.205 | ng     | # 95 |
| 24) Nitrobenzene               | 7.31 | 77  | 331186 | 46.959 | ng     | 97   |
| 25) Isophorone                 | 7.55 | 82  | 587609 | 47.442 | ng     | 99   |
| 26) 2-Nitrophenol              | 7.63 | 139 | 175752 | 47.033 | ng     | 97   |
| 27) 2,4-Dimethylphenol         | 7.67 | 122 | 268949 | 53.031 | ng     | 98   |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93  | 357629 | 44.361 | ng     | 99   |
| 29) 2,4-Dichlorophenol         | 7.88 | 162 | 278806 | 46.698 | ng     | 98   |
| 30) 1,2,4-Trichlorobenzene     | 7.95 | 180 | 302044 | 42.669 | ng     | 99   |
| 31) Naphthalene                | 8.03 | 128 | 903821 | 46.281 | ng     | 98   |
| 32) Benzoic acid               | 7.83 | 122 | 137674 | 38.706 | ng     | 98   |
| 33) 4-Chloroaniline            | 8.09 | 127 | 162146 | 19.304 | ng     | 97   |
| 34) Hexachlorobutadiene        | 8.15 | 225 | 186883 | 42.384 | ng     | 98   |
| 35) Caprolactam                | 8.46 | 113 | 87666m | 47.687 | ng     |      |
| 36) 4-Chloro-3-methylphenol    | 8.59 | 107 | 294355 | 48.716 | ng     | 98   |
| 37) 2-Methylnaphthalene        | 8.72 | 142 | 629029 | 47.863 | ng     | 98   |
| 38) 1-Methylnaphthalene        | 8.82 | 142 | 588433 | 47.609 | ng     | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 311741 | 44.947 | ng     | 99   |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-10-030220MSD

Manual Integrations  
 APPROVED

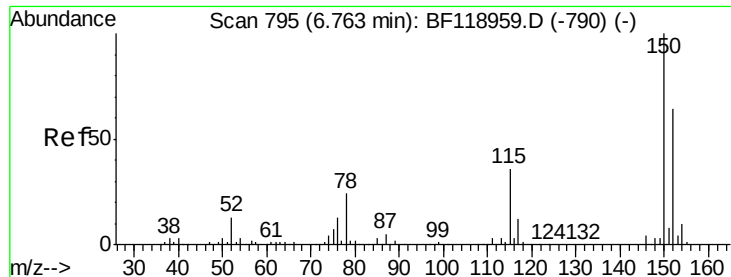
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 3/9/2020 3:09:21 PM

Quant Time: Mar 07 02:03:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 06 23:38:46 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.87  | 237  | 116247   | 50.033 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.01  | 196  | 193830   | 44.255 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.06  | 196  | 205094   | 44.624 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.18  | 154  | 759298   | 45.670 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.21  | 162  | 607994   | 45.380 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.31  | 65   | 177679   | 47.547 | nq    | 95       |
| 49) Acenaphthylene             | 9.62  | 152  | 935932   | 48.368 | nq    | 98       |
| 50) Dimethylphthalate          | 9.49  | 163  | 827052   | 52.577 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.55  | 165  | 166231   | 47.565 | nq #  | 80       |
| 52) Acenaphthene               | 9.79  | 154  | 552546   | 47.356 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.73  | 138  | 90322    | 23.312 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 9.85  | 184  | 107874   | 65.050 | nq    | 95       |
| 55) Dibenzofuran               | 9.97  | 168  | 824831   | 47.362 | nq    | 97       |
| 56) 4-Nitrophenol              | 9.92  | 139  | 155491   | 66.796 | nq    | 91       |
| 57) 2,4-Dinitrotoluene         | 9.96  | 165  | 214064   | 47.255 | nq #  | 87       |
| 58) Fluorene                   | 10.31 | 166  | 675477   | 49.914 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.10 | 232  | 170113   | 43.865 | nq    | 99       |
| 60) Diethylphthalate           | 10.19 | 149  | 723614   | 48.814 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.30 | 204  | 348054   | 48.589 | nq    | 95       |
| 62) 4-Nitroaniline             | 10.35 | 138  | 154821   | 39.057 | nq    | 95       |
| 63) Azobenzene                 | 10.46 | 77   | 649583   | 50.413 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.38 | 198  | 110060   | 45.984 | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 10.42 | 169  | 618317   | 47.741 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.79 | 248  | 230654   | 44.612 | nq    | 94       |
| 68) Hexachlorobenzene          | 10.86 | 284  | 263285   | 44.168 | nq    | 99       |
| 69) Atrazine                   | 10.95 | 200  | 205263   | 45.361 | nq    | 97       |
| 70) Pentachlorophenol          | 11.06 | 266  | 171927   | 71.600 | nq    | 99       |
| 71) Phenanthrene               | 11.27 | 178  | 1026048  | 47.566 | nq    | 98       |
| 72) Anthracene                 | 11.32 | 178  | 1075231  | 49.888 | nq    | 98       |
| 73) Carbazole                  | 11.48 | 167  | 937990   | 48.851 | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.80 | 149  | 1143586  | 49.181 | nq    | 98       |
| 75) Fluoranthene               | 12.46 | 202  | 1119735  | 48.904 | nq    | 99       |
| 77) Benzidine                  | 12.58 | 184  | 525177   | 42.901 | nq    | 97       |
| 78) Pyrene                     | 12.69 | 202  | 1135179  | 46.966 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.30 | 149  | 490905   | 48.257 | nq    | 98       |
| 81) Benzo(a)anthracene         | 13.87 | 228  | 989943   | 48.268 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.83 | 252  | 256973   | 32.267 | nq    | 100      |
| 83) Chrysene                   | 13.91 | 228  | 968676   | 47.400 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 678441   | 52.790 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.46 | 149  | 1087231  | 53.096 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.72 | 276  | 947461   | 47.881 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 14.90 | 252  | 875951   | 46.165 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 14.93 | 252  | 884373   | 50.294 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.25 | 252  | 783893   | 45.775 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.72 | 278  | 793605   | 52.669 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.13 | 276  | 812228   | 54.557 | nq    | 99       |

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





#1

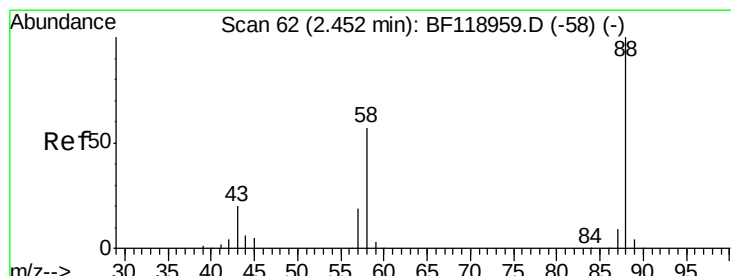
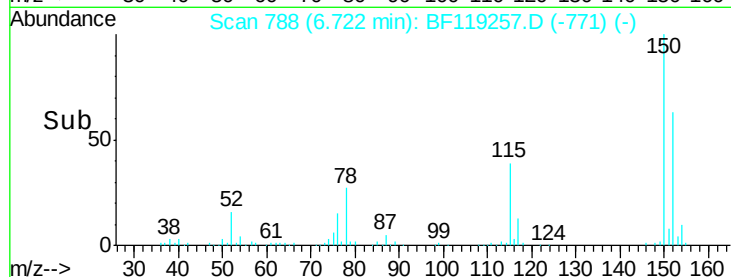
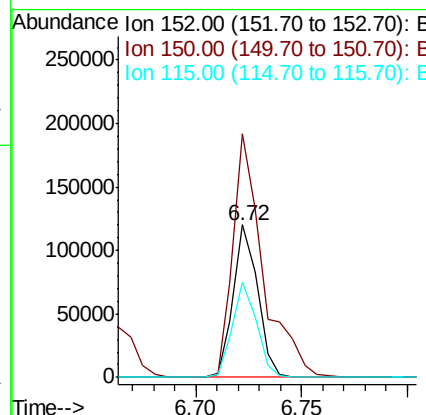
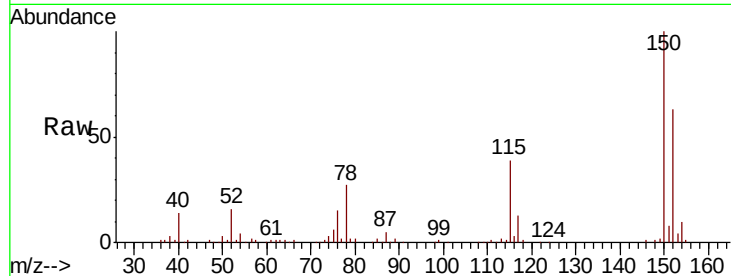
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.5 | 123.0 | 184.6 |
| 115     | 62.5  | 49.5  | 74.3  |

Manual Integrations  
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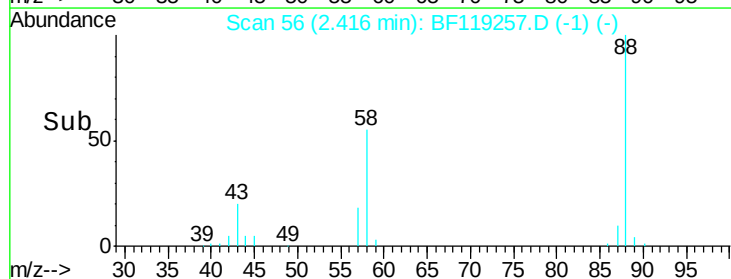
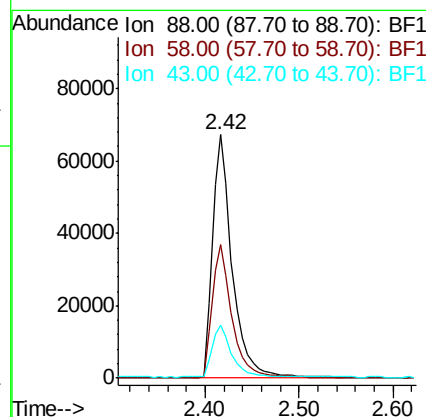
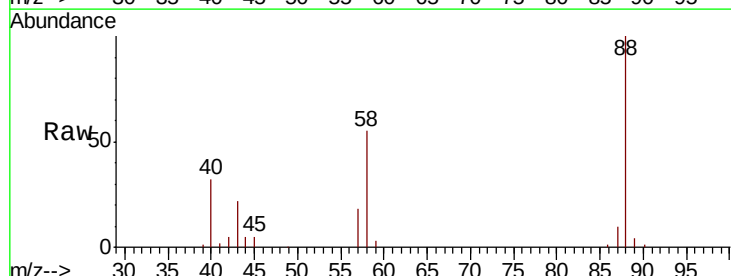
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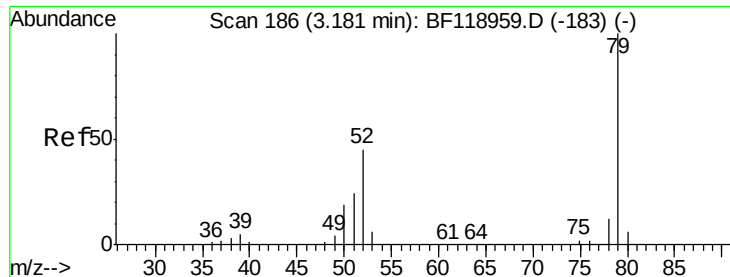


#2

1,4-Dioxane  
Concen: 38.789 ng  
RT: 2.42 min Scan# 56  
Delta R.T. 0.04 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 55.1  | 43.8  | 65.6  |
| 43      | 23.4  | 16.2  | 24.4  |





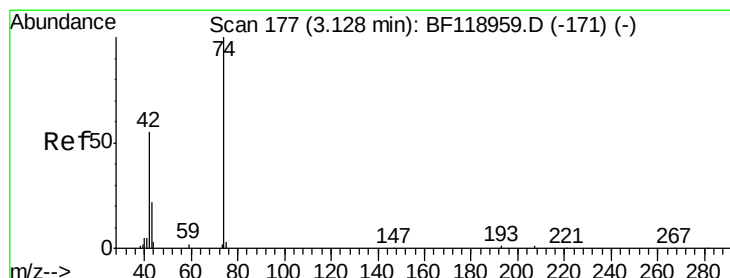
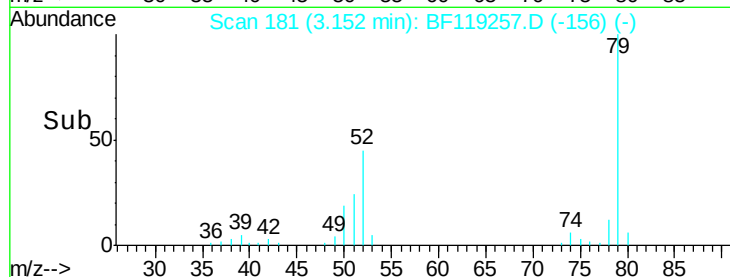
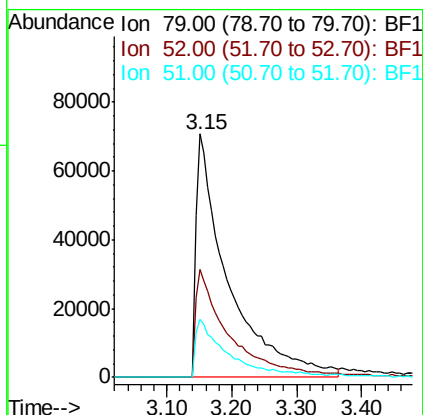
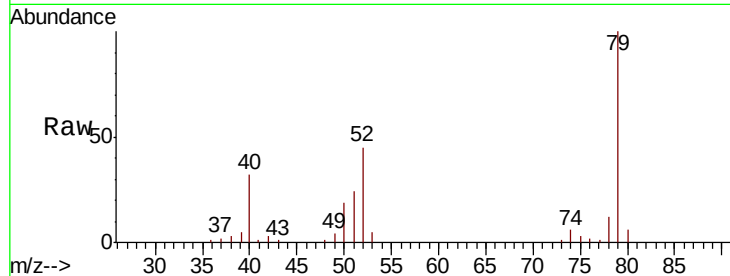
#3  
 Pvridine  
 Concen: 34.492 ng  
 RT: 3.15 min Scan# 181  
 Delta R.T. 0.05 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-10-030220MSD

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 79      | 79  | 100   | 241116 |       |       |
| 52      | 52  | 44.6  |        | 37.4  | 56.0  |
| 51      | 51  | 24.0  |        | 19.8  | 29.6  |

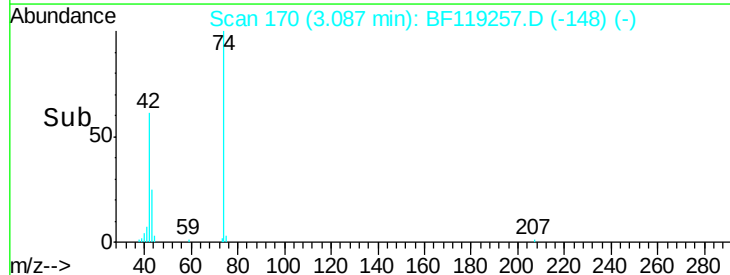
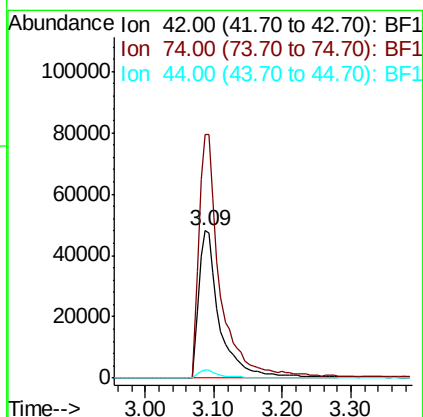
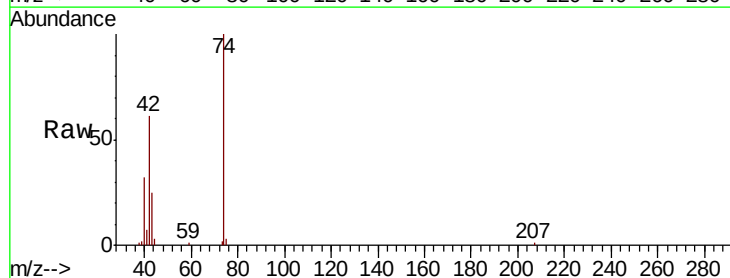
Manual Integrations  
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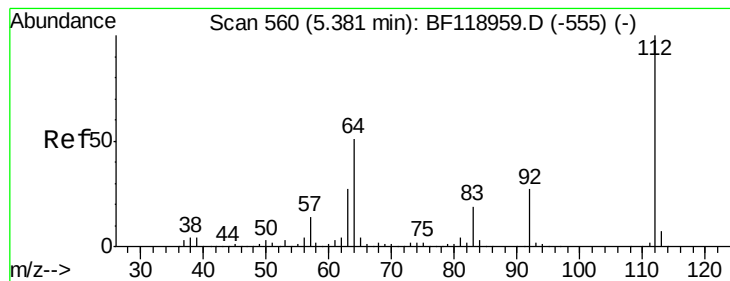
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#4  
 n-Nitrosodimethylamine  
 Concen: 49.058 ng  
 RT: 3.09 min Scan# 170  
 Delta R.T. 0.03 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 42      | 42  | 100   | 103887 |       |       |
| 74      | 74  | 165.2 |        | 137.7 | 206.5 |
| 44      | 44  | 5.6   |        | 4.5   | 6.7   |





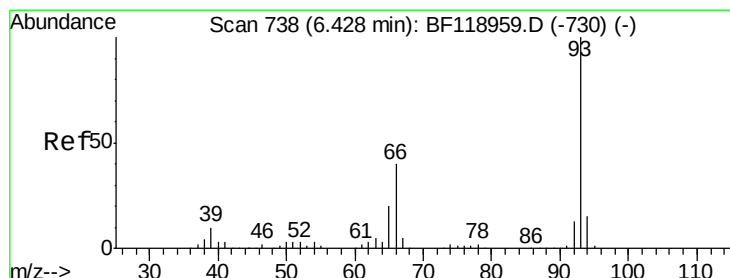
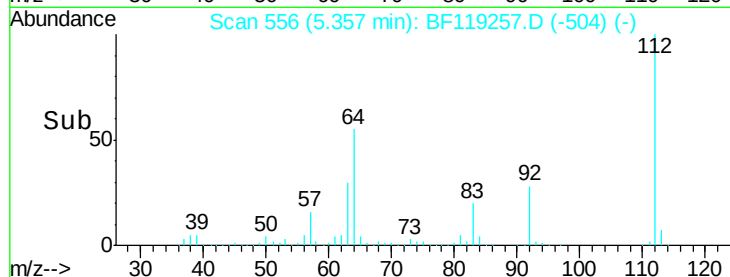
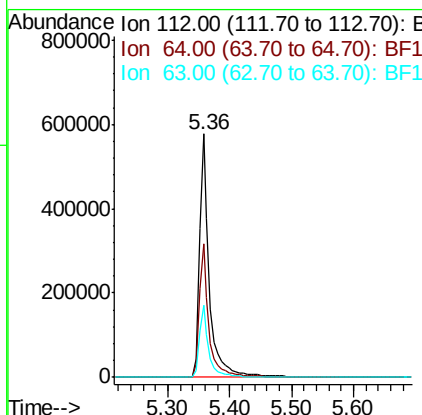
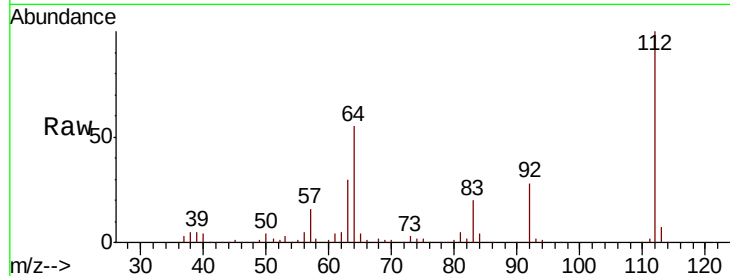
#5  
2-Fluorophenol  
Concen: 114.560 ng  
RT: 5.36 min Scan# 556  
Delta R.T. 0.01 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 658612 |       |       |
| 64      | 54.9  | 45.0   | 67.4  |       |
| 63      | 29.6  | 24.2   | 36.4  |       |

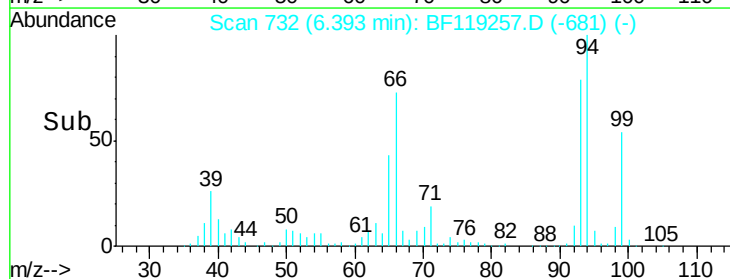
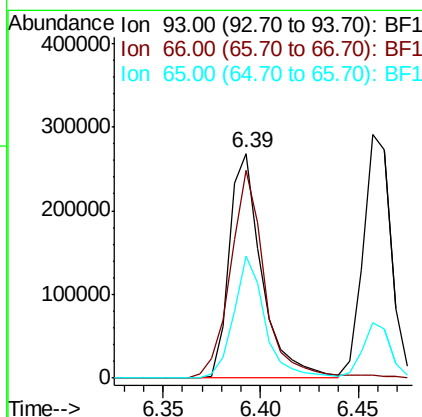
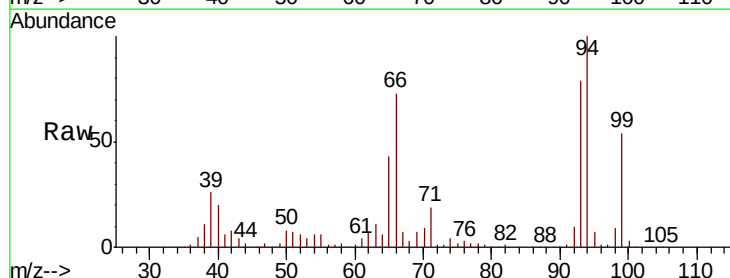
Manual Integrations  
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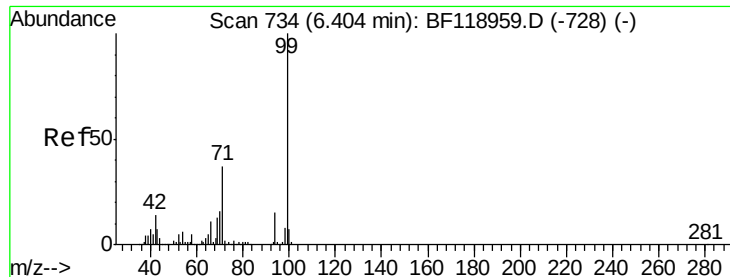
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#6  
Aniline  
Concen: 35.951 ng  
RT: 6.39 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 310169 |       |       |
| 66      | 92.3  | 74.5   | 111.7 |       |
| 65      | 54.1  | 45.3   | 67.9  |       |





#7

Phenol-d6

Concen: 110.632 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA\_F

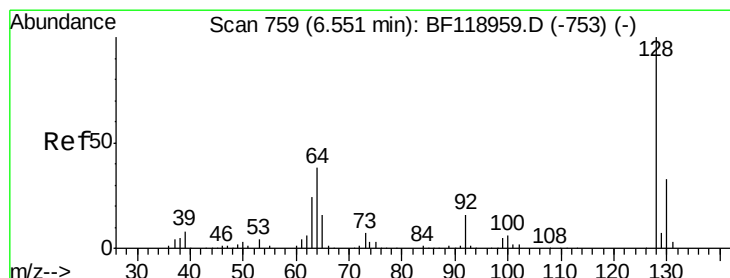
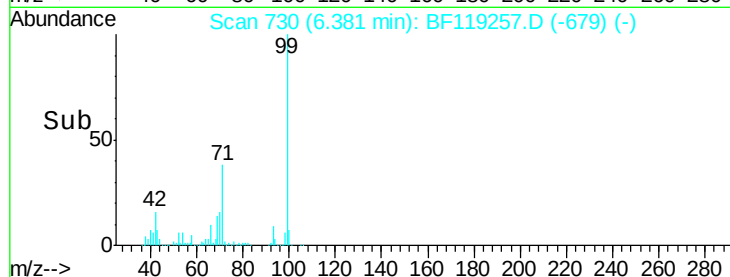
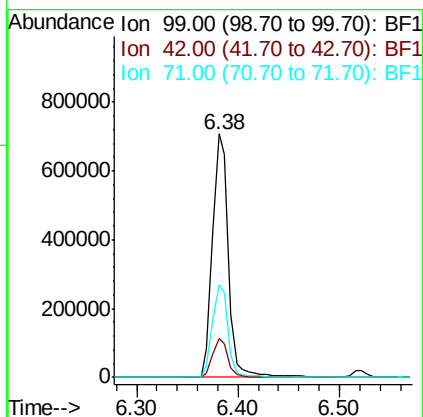
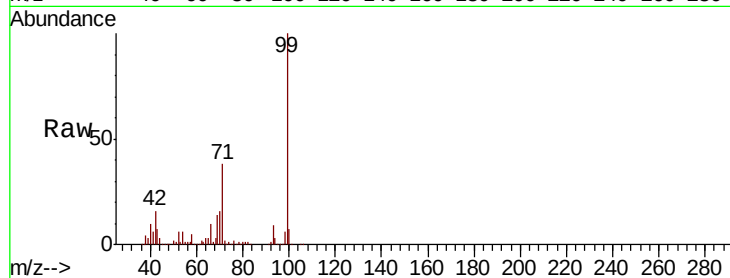
ClientSampleId :

GP-10-030220MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 773527 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.8  | 12.6  | 18.8   |
| 71        | 38.2  | 31.0  | 46.4   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 52.087 ng

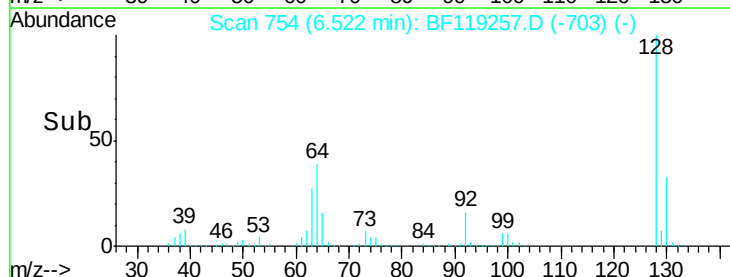
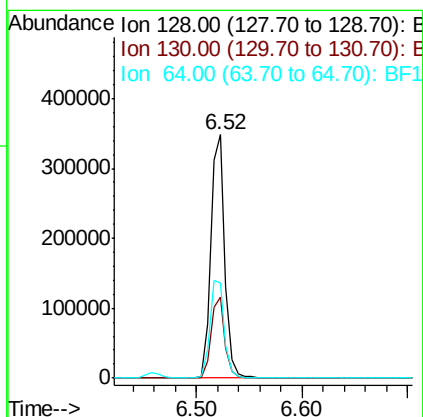
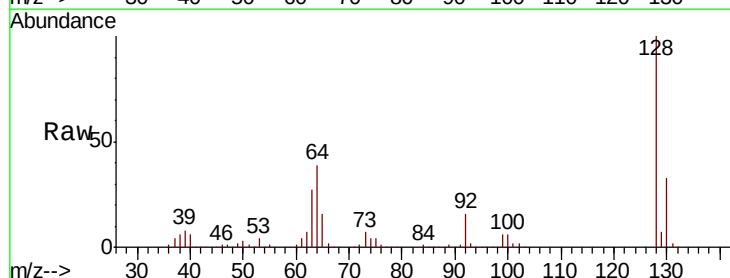
RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

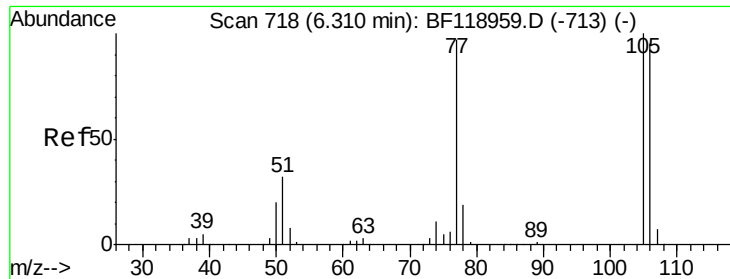
Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 323162 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.1  | 12.7  | 52.7   |
| 64        | 39.0  | 22.3  | 62.3   |







#9

Benzaldehyde

Concen: 50.484 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA\_F

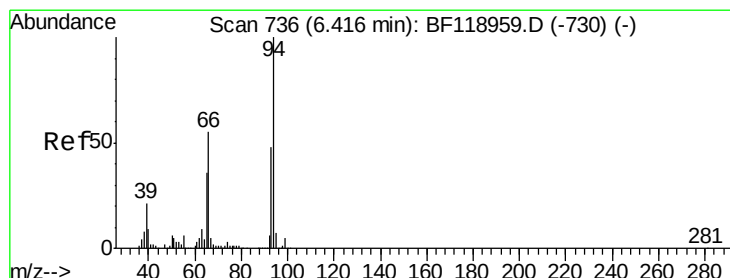
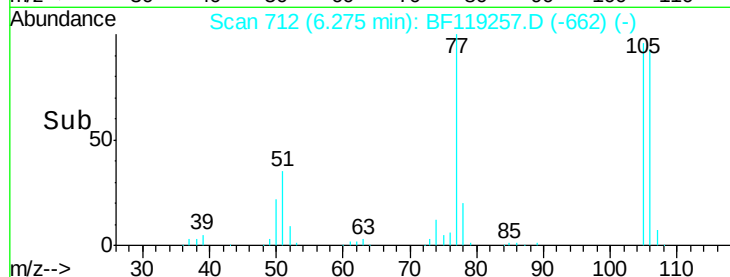
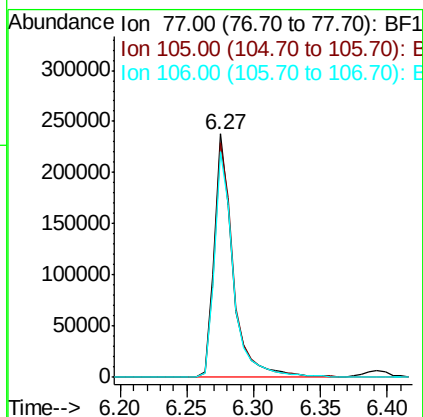
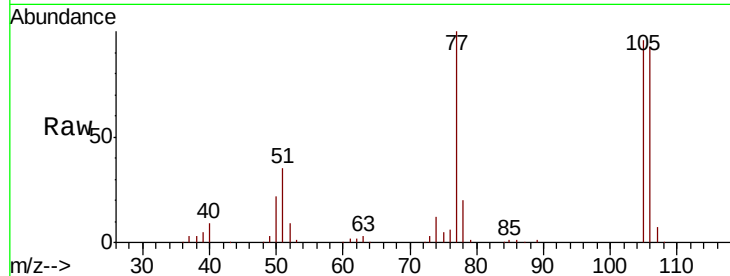
ClientSampleId :

GP-10-030220MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 235829 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 96.3  | 80.1  | 120.1  |
| 106       | 93.0  | 75.9  | 115.9  |

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#10

Phenol

Concen: 50.181 ng

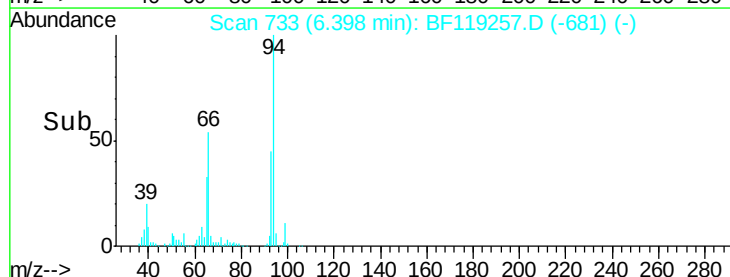
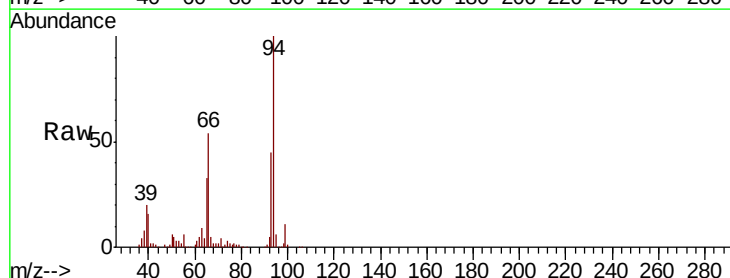
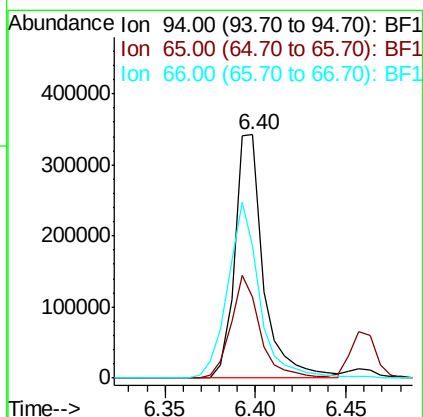
RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

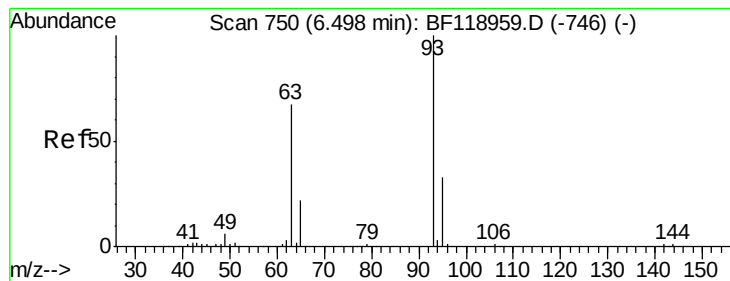
Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 379345 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 33.4  | 19.2  | 59.2   |
| 66        | 54.1  | 44.4  | 84.4   |







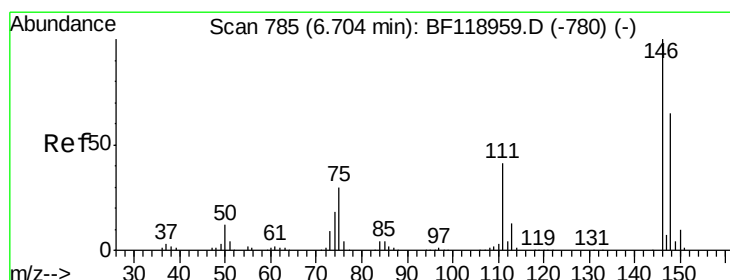
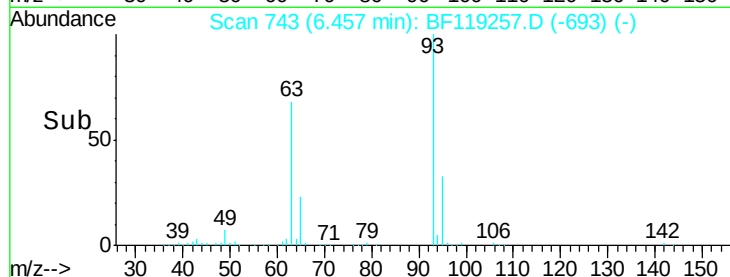
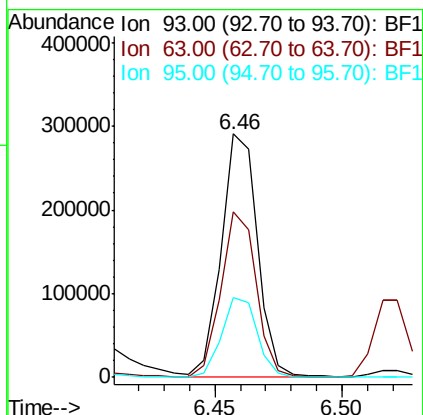
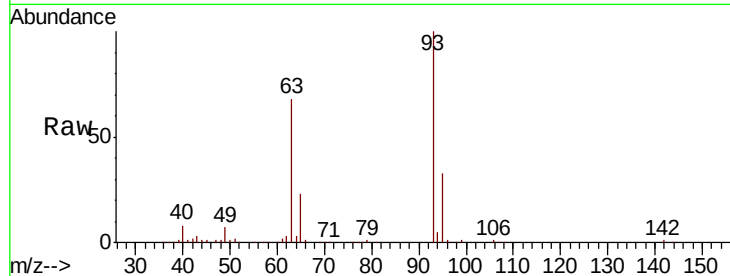
#11  
bis(2-Chloroethyl)ether  
Concen: 49.462 ng  
RT: 6.46 min Scan# 743  
Delta R.T. -0.01 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 286094 |       |       |
| 63      | 68.0  |        | 45.4  | 85.4  |
| 95      | 32.5  |        | 13.5  | 53.5  |

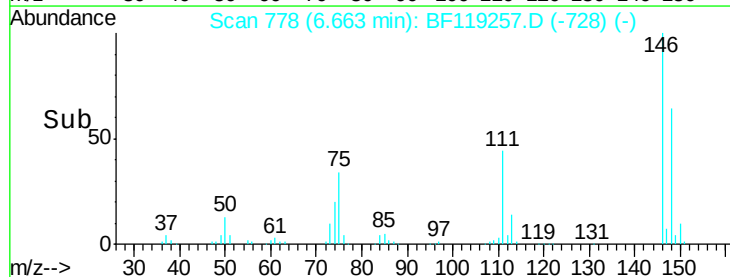
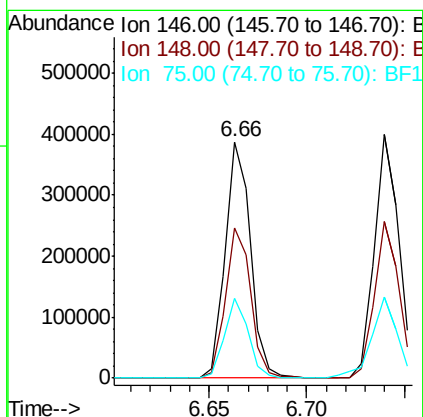
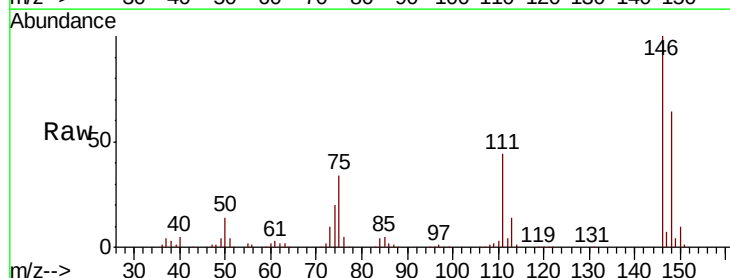
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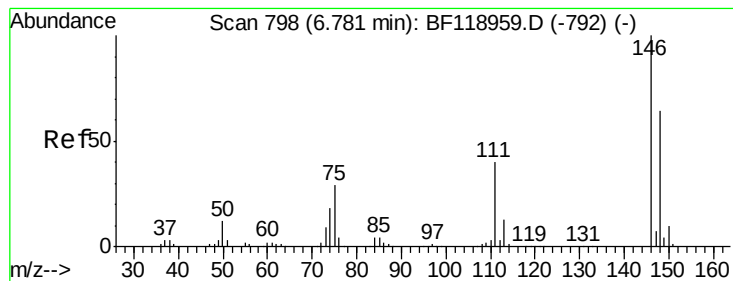
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 46.852 ng  
RT: 6.66 min Scan# 778  
Delta R.T. -0.01 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 348402 |       |       |
| 148     | 63.7  |        | 52.5  | 78.7  |
| 75      | 33.7  |        | 23.6  | 35.4  |





#13

1,4-Dichlorobenzene

Concen: 48.054 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA\_F

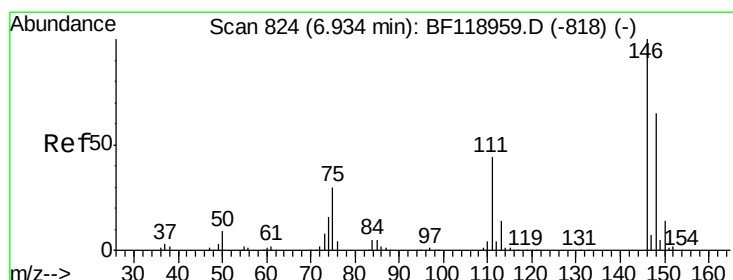
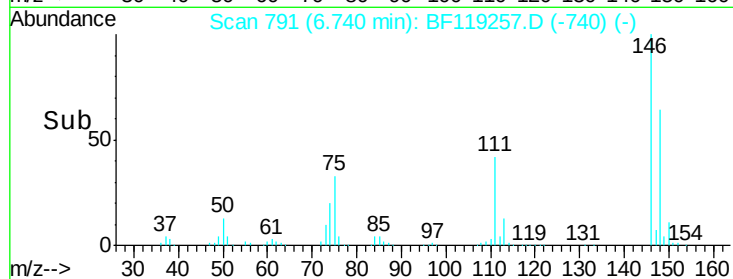
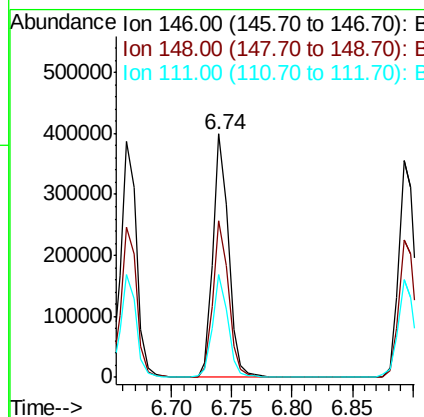
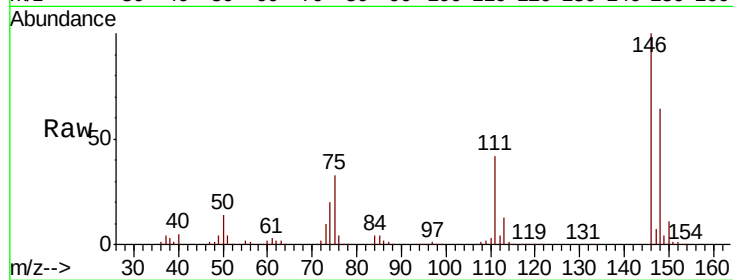
ClientSampleId :

GP-10-030220MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 357586 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.4  | 51.1  | 76.7   |
| 111       | 42.3  | 34.8  | 52.2   |

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#14

1,2-Dichlorobenzene

Concen: 48.389 ng

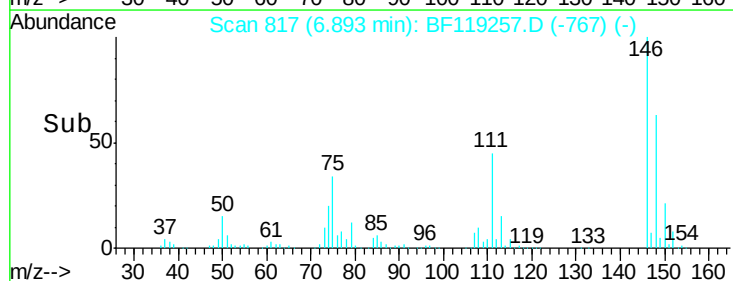
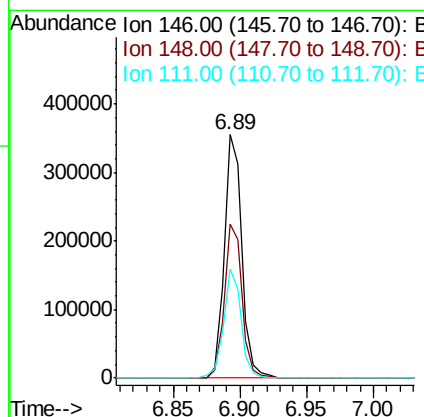
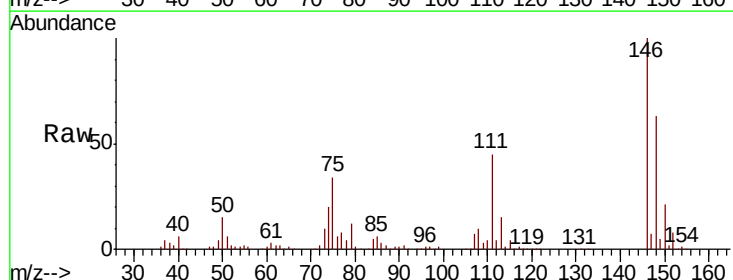
RT: 6.89 min Scan# 817

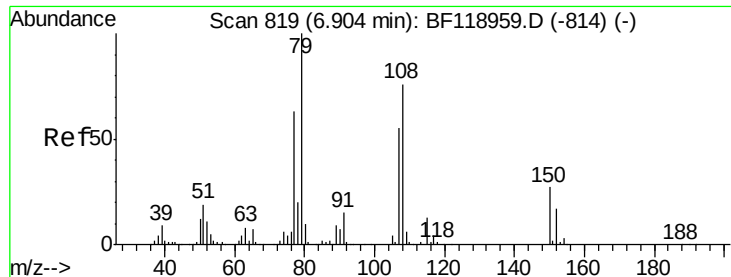
Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 328393 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.3  | 51.9  | 77.9   |
| 111       | 44.9  | 36.2  | 54.2   |





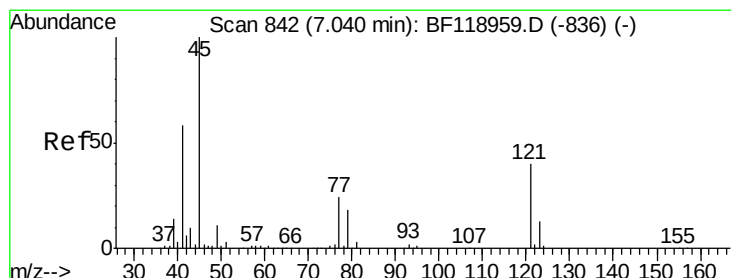
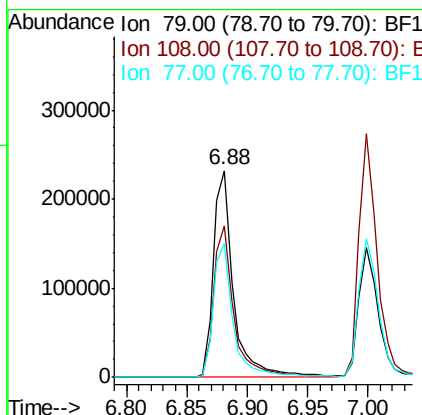
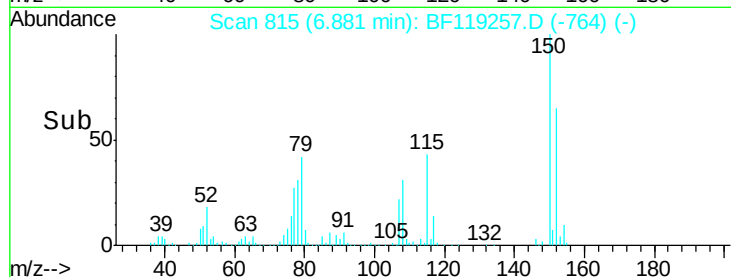
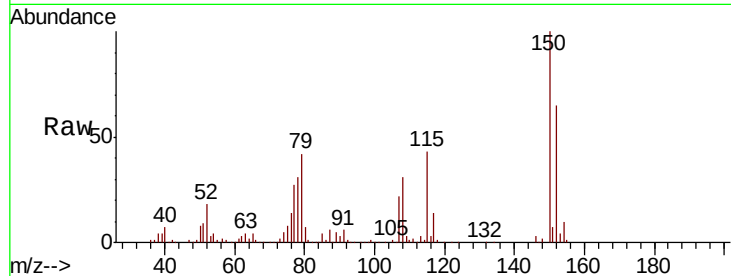
#15  
Benzyl Alcohol  
Concen: 52.655 ng  
RT: 6.88 min Scan# 815  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 73.1  | 58.2  | 87.2  |
| 77      | 64.4  | 51.2  | 76.8  |

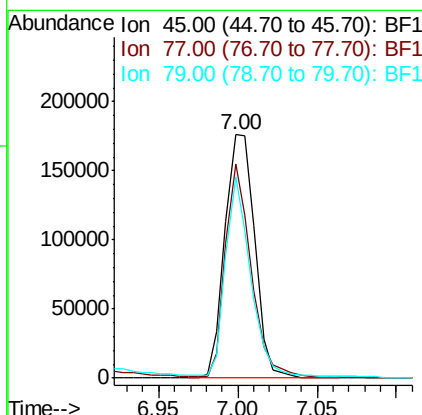
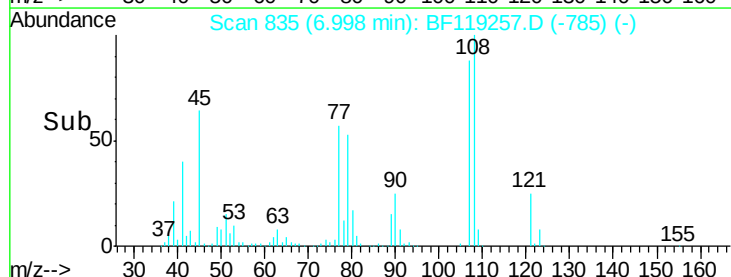
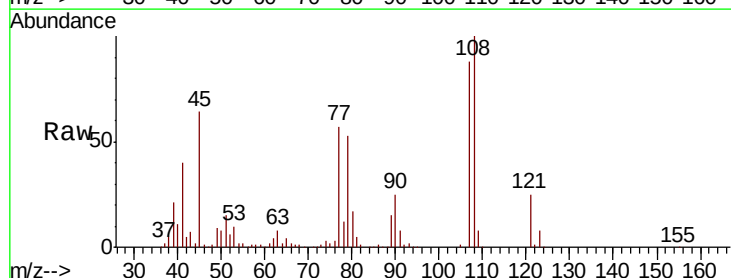
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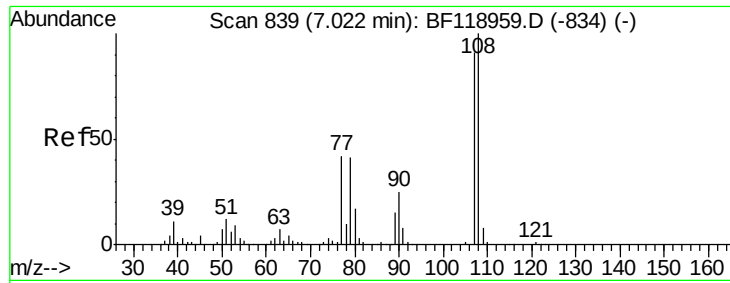
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.990 ng  
RT: 7.00 min Scan# 835  
Delta R.T. -0.01 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 87.9  | 15.0  | 55.0# |
| 79      | 82.8  | 9.4   | 49.4# |





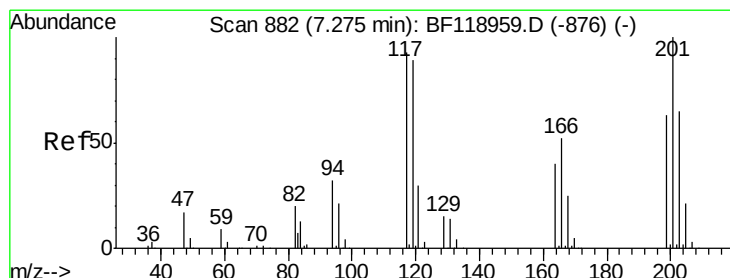
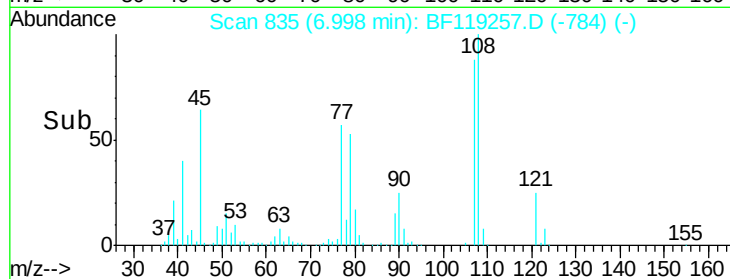
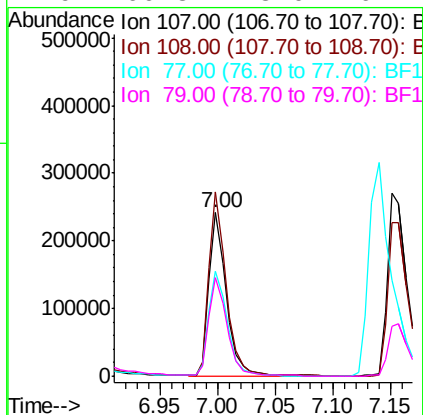
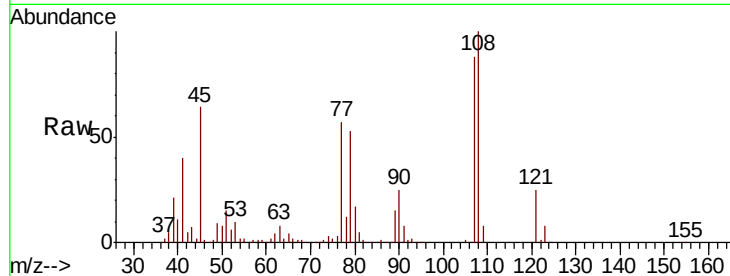
#17  
2-Methylphenol  
Concen: 50.236 ng  
RT: 7.00 min Scan# 835  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 113.0 | 87.9 | 131.9 |       |
| 77      | 64.1  | 45.3 | 67.9  |       |
| 79      | 60.3  | 43.0 | 64.4  |       |

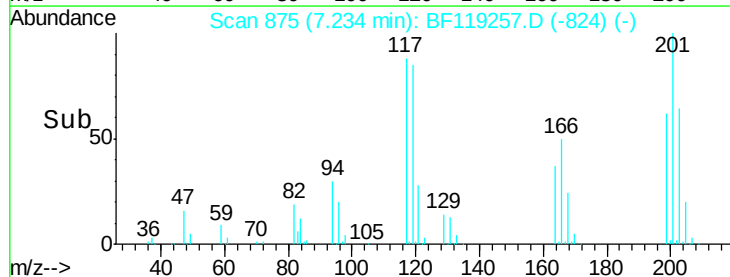
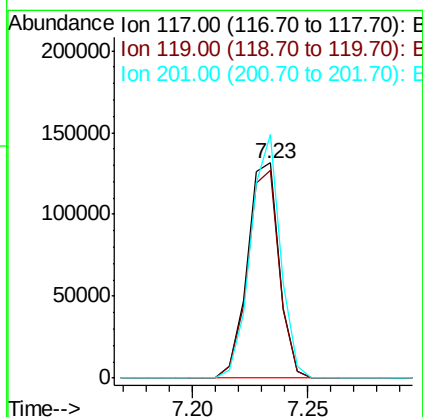
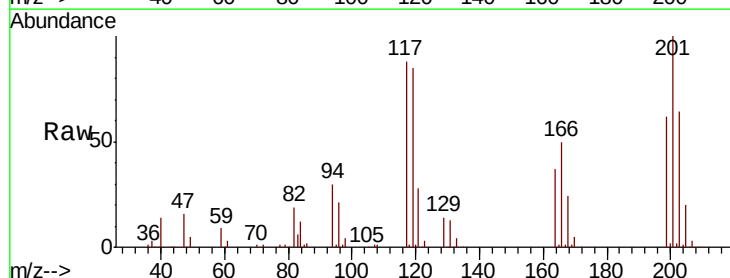
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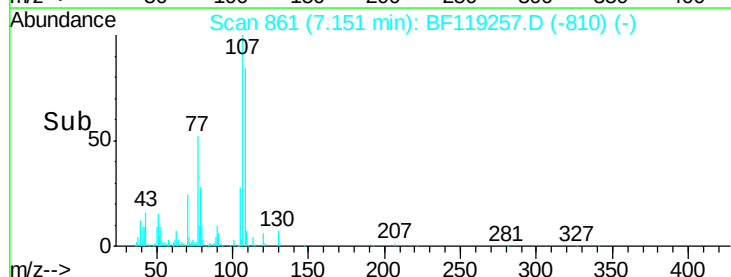
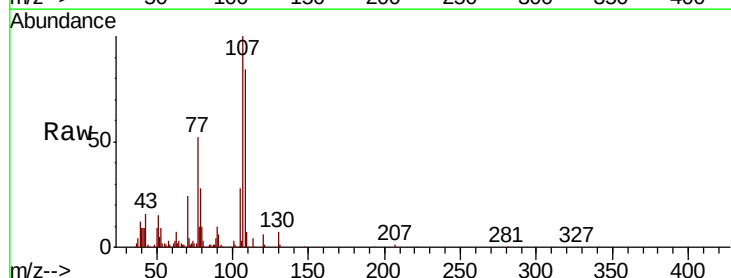
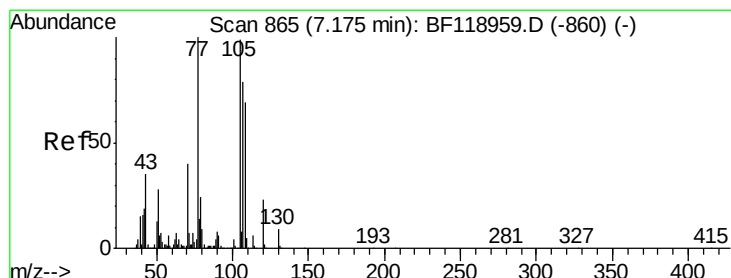
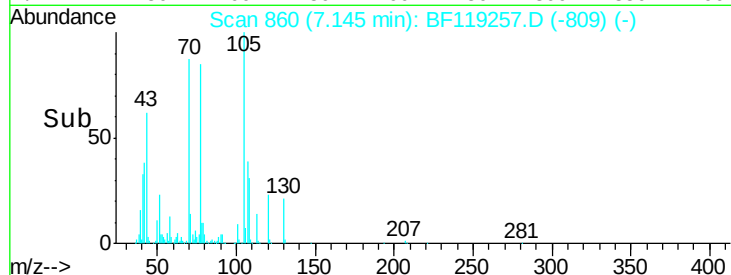
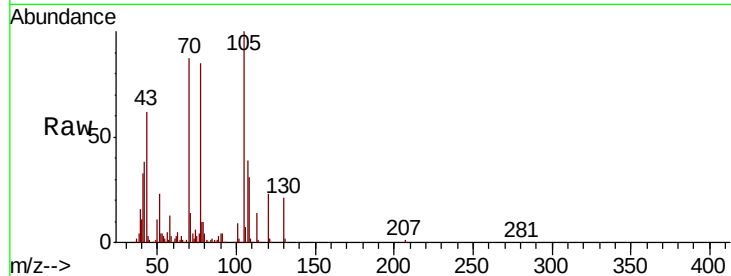
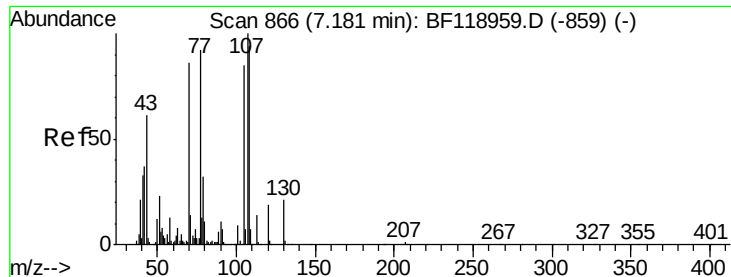
mohammad  
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#18  
Hexachloroethane  
Concen: 47.685 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

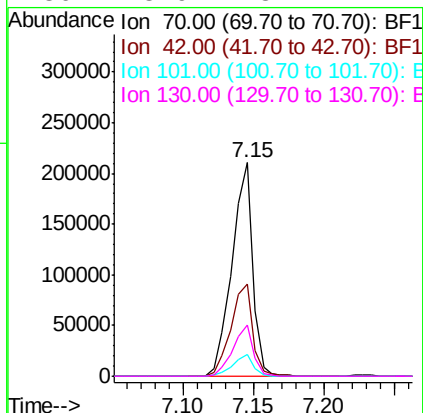
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.8  | 77.5 | 116.3 |       |
| 201     | 113.2 | 82.6 | 123.8 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 53.037 ng  
RT: 7.15 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 43.4  | 38.0  | 57.0  |
| 101     | 10.3  | 8.2   | 12.4  |
| 130     | 23.9  | 18.2  | 27.4  |



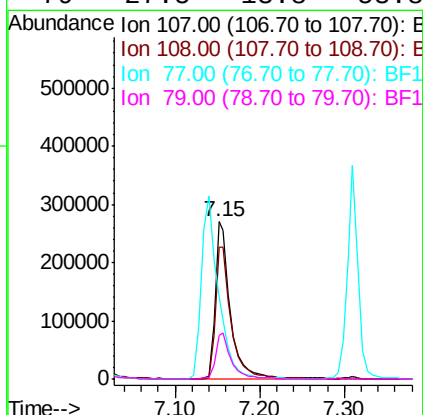
Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

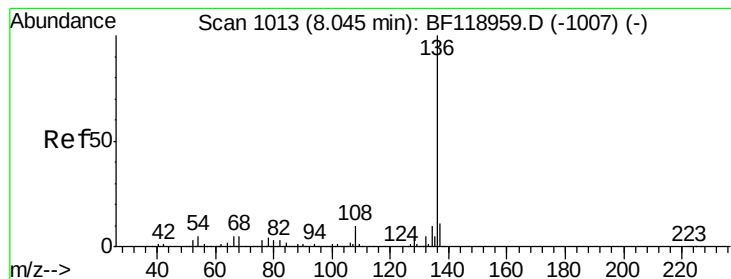
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#20  
3+4-Methylphenols  
Concen: 55.129 ng  
RT: 7.15 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 84.2  | 71.5  | 111.5 |
| 77      | 52.4  | 45.9  | 85.9  |
| 79      | 27.5  | 13.8  | 53.8  |





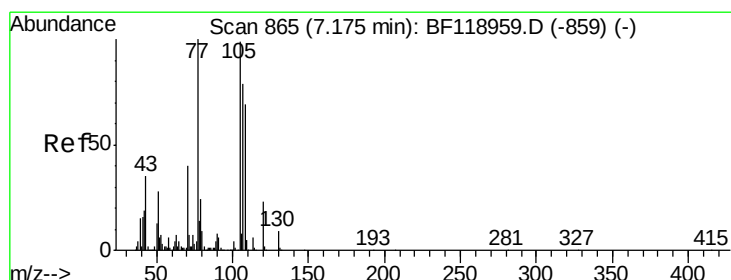
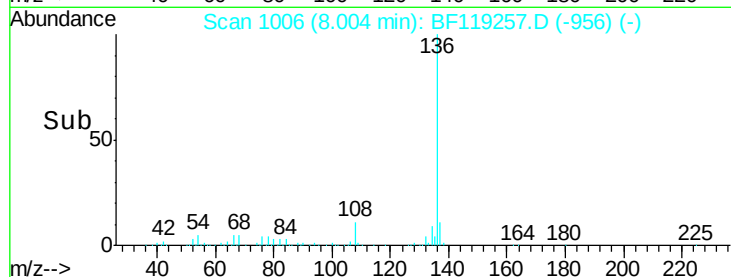
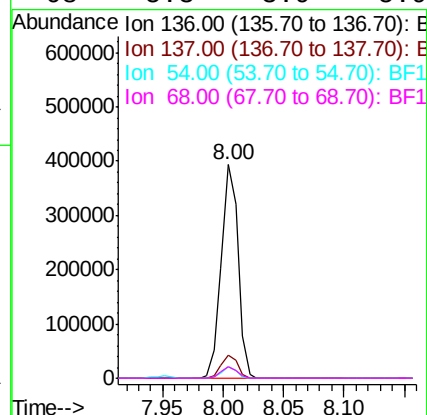
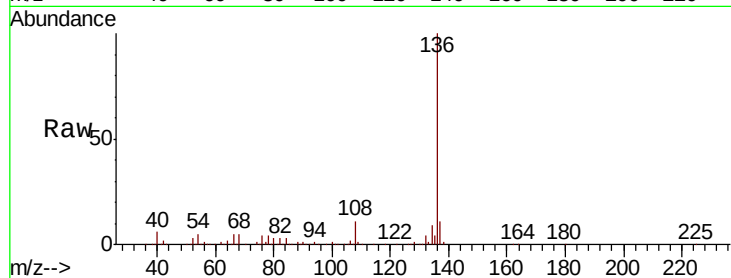
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.00 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 376557 |       |       |
| 137     | 10.8  |        | 8.8   | 13.2  |
| 54      | 5.4   |        | 3.8   | 5.6   |
| 68      | 5.3   |        | 3.9   | 5.9   |

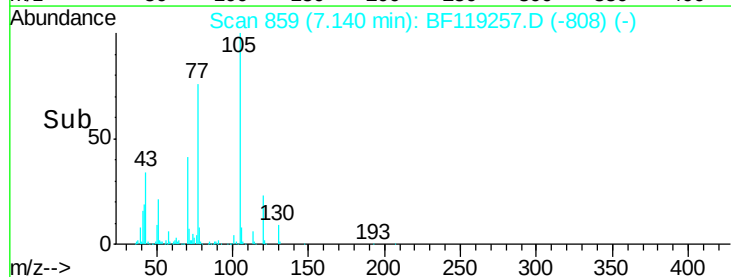
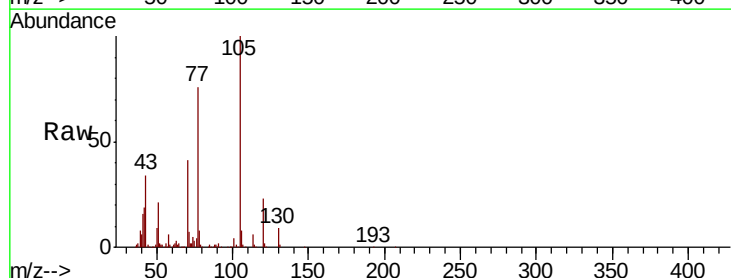
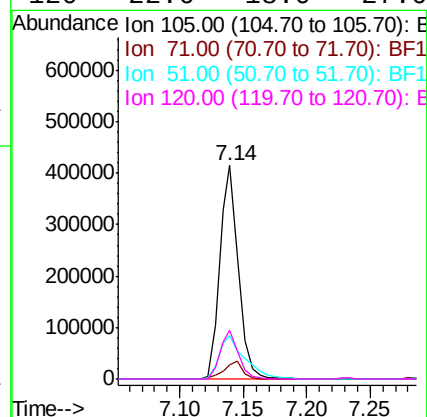
Manual Integrations  
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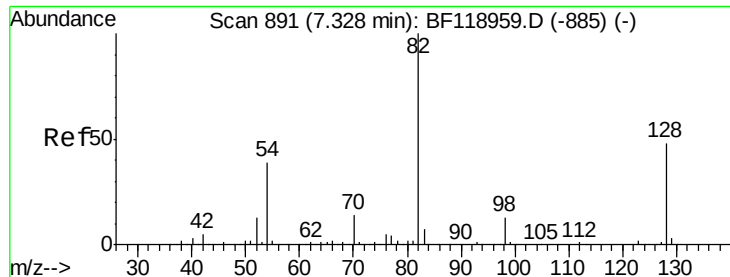
mohammad  
3/9/2020 3:09:21 PM



#22  
Acetophenone  
Concen: 49.205 ng  
RT: 7.14 min Scan# 859  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 428701 |       |       |
| 71      | 6.8   |        | 3.0   | 4.4#  |
| 51      | 20.7  |        | 20.1  | 30.1  |
| 120     | 22.6  |        | 18.0  | 27.0  |





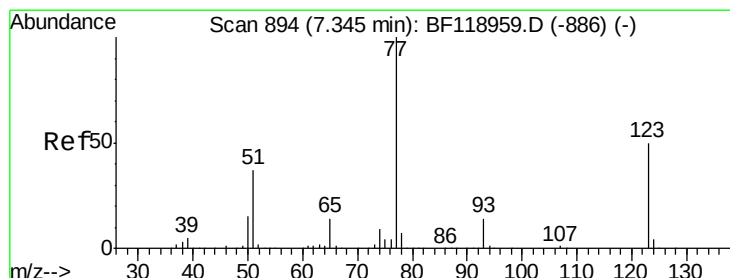
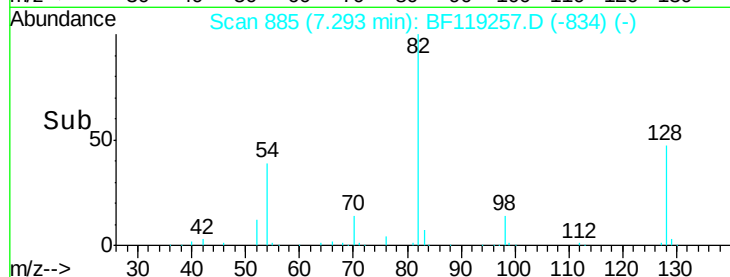
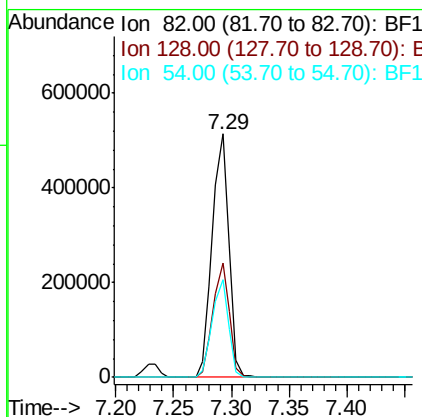
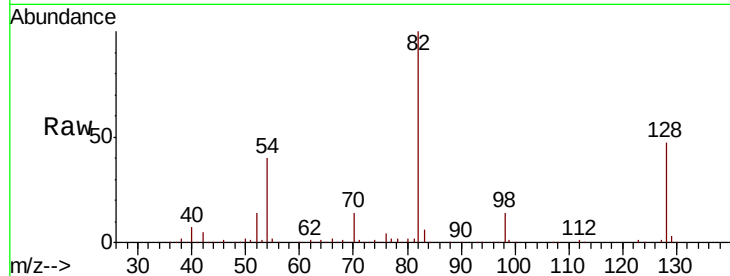
#23  
 Nitrobenzene-d5  
 Concen: 72.923 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-10-030220MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 520069 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 46.8  | 37.9  | 56.9   |
| 54        | 39.9  | 33.4  | 50.2   |

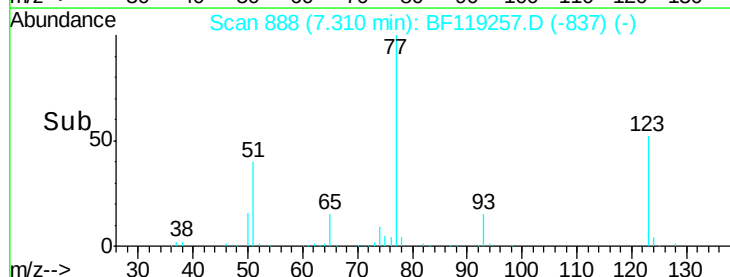
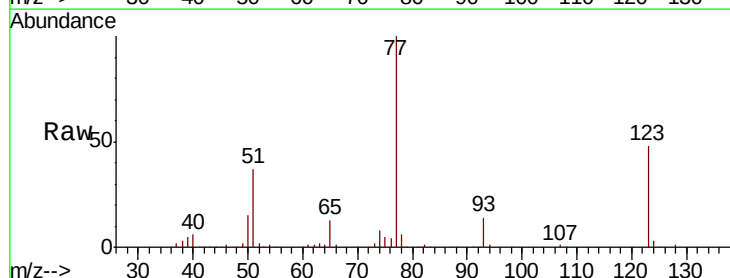
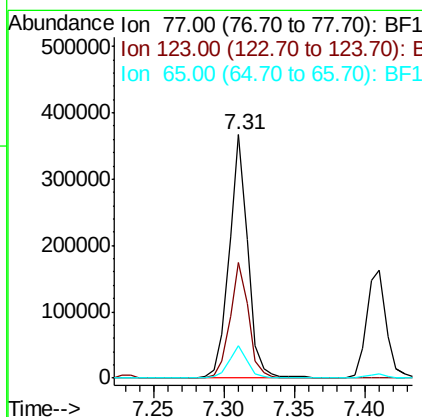
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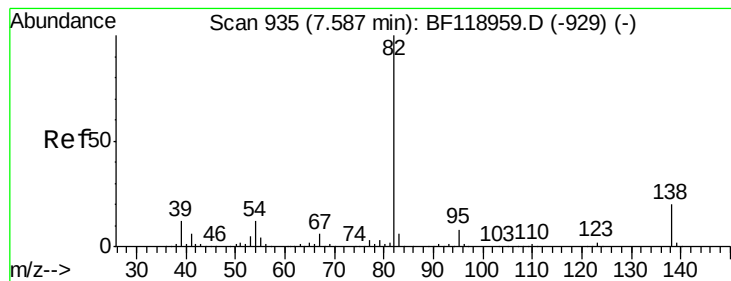


#24  
 Nitrobenzene  
 Concen: 46.959 ng  
 RT: 7.31 min Scan# 888  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 331186 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 47.5  | 40.2  | 60.2   |
| 65        | 13.4  | 10.8  | 16.2   |







#25

Isophorone

Concen: 47.442 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA\_F

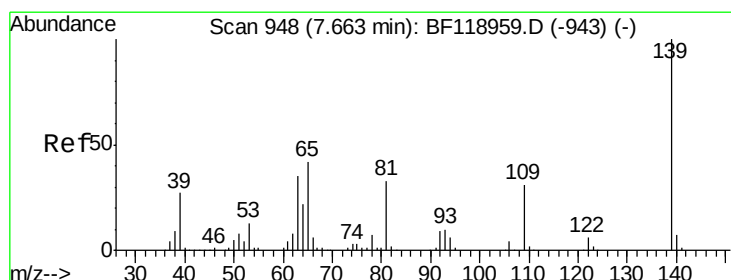
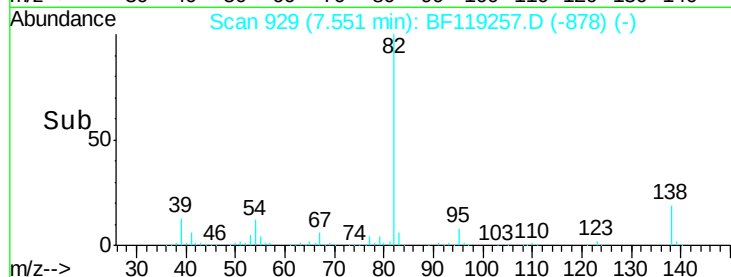
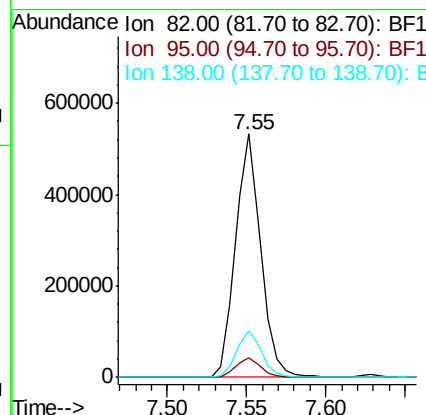
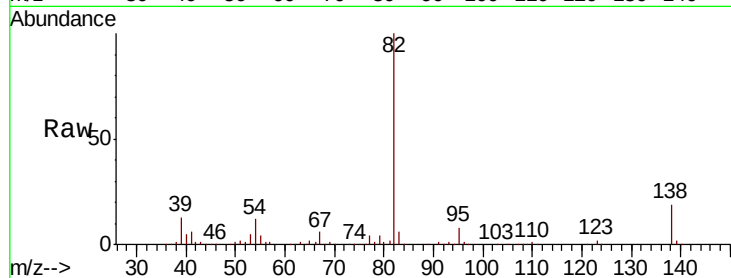
ClientSampleId :

GP-10-030220MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 587609 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.9   | 6.4   | 9.6    |
| 138       | 19.0  | 15.7  | 23.5   |

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#26

2-Nitrophenol

Concen: 47.033 ng

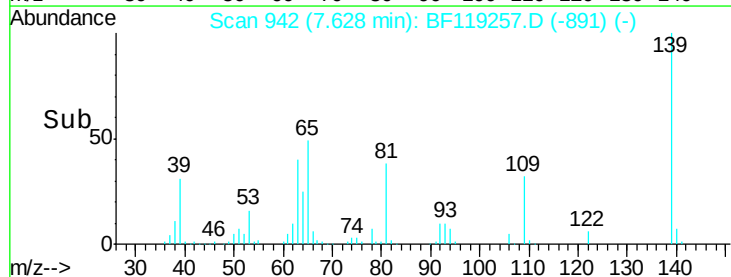
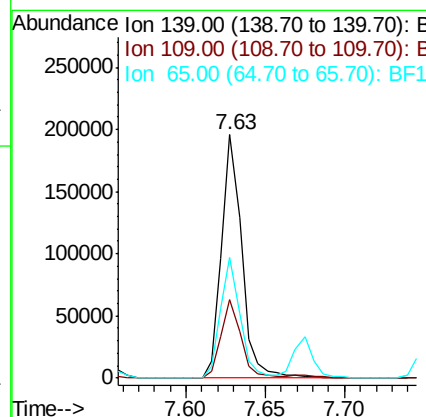
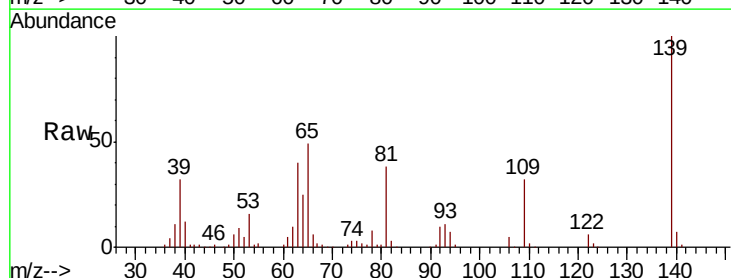
RT: 7.63 min Scan# 942

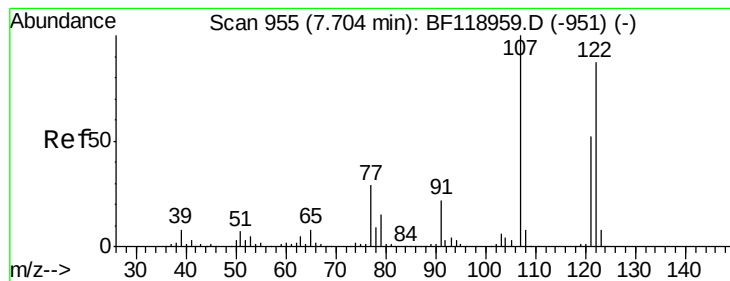
Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 175752 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 32.1  | 25.7  | 38.5   |
| 65        | 49.4  | 37.1  | 55.7   |





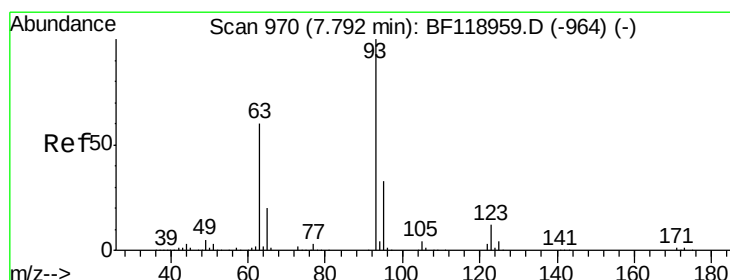
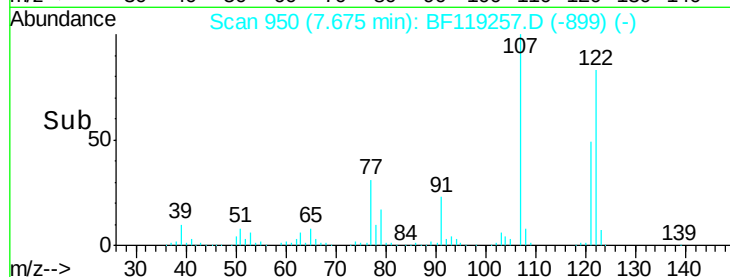
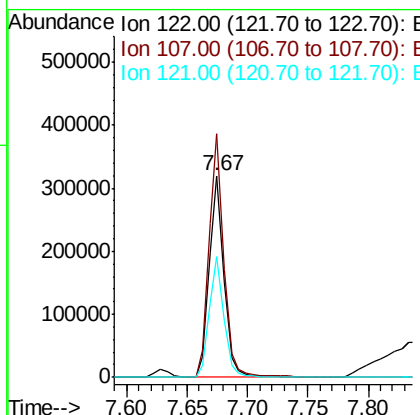
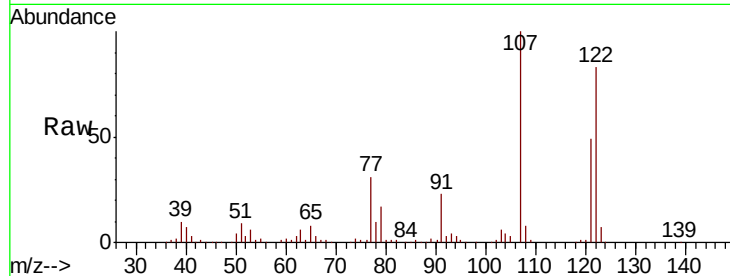
#27  
2,4-Dimethylphenol  
Concen: 53.031 ng  
RT: 7.67 min Scan# 950  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 120.8 | 93.8  | 140.6 |
| 121     | 59.8  | 48.2  | 72.2  |

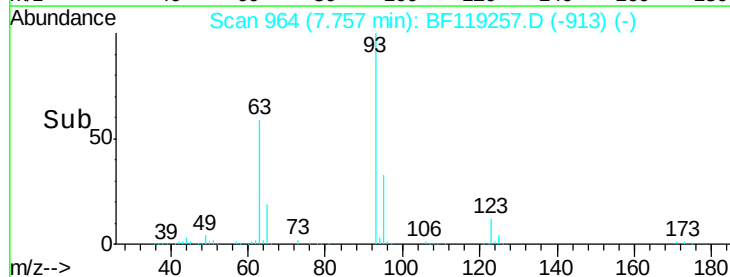
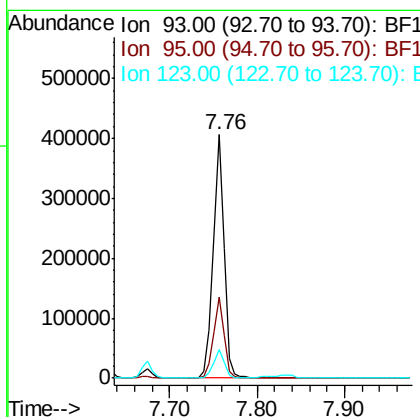
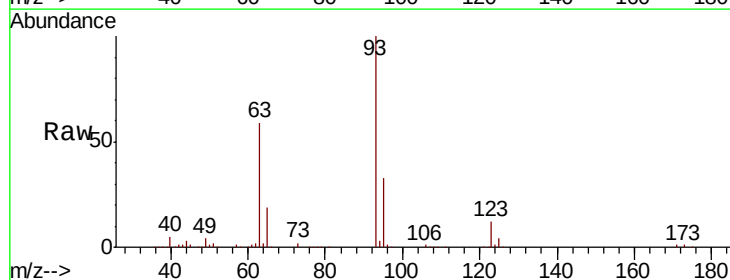
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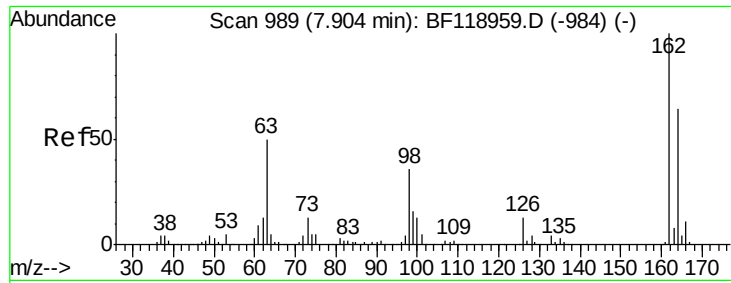
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#28  
bis(2-Chloroethoxy)methane  
Concen: 44.361 ng  
RT: 7.76 min Scan# 964  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 26.5  | 39.7  |
| 123     | 11.6  | 10.2  | 15.2  |





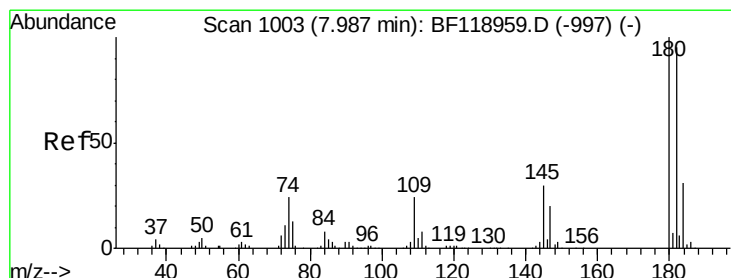
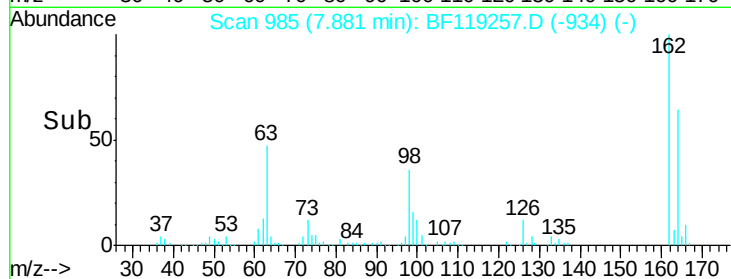
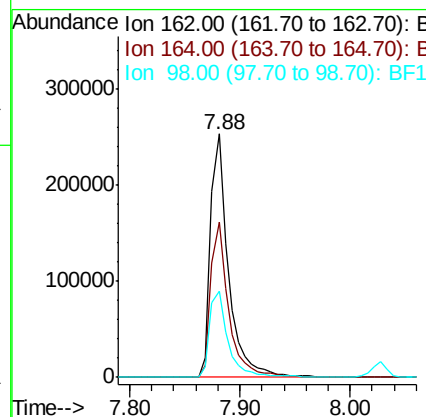
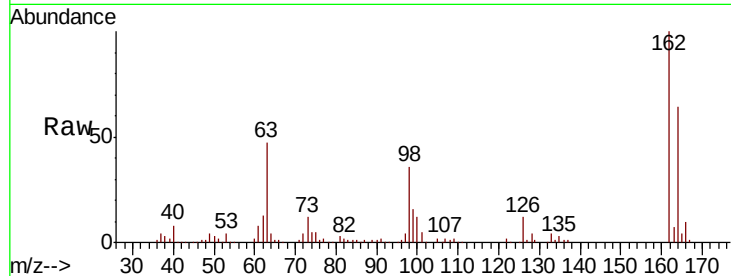
#29  
2,4-Dichlorophenol  
Concen: 46.698 ng  
RT: 7.88 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 278806 |       |       |
| 164     | 63.6  | 45.2   | 85.2  |       |
| 98      | 35.7  | 17.4   | 57.4  |       |

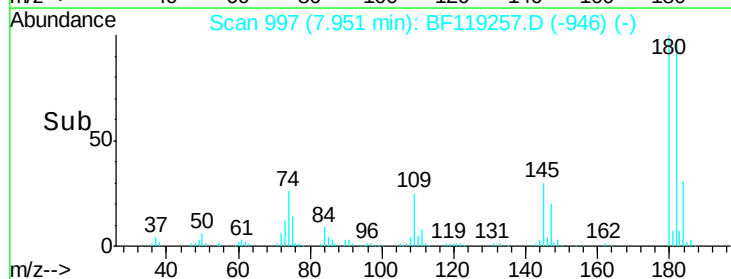
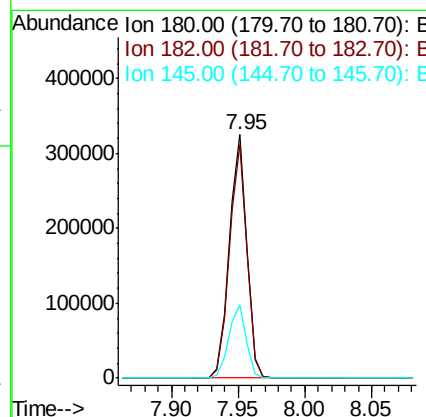
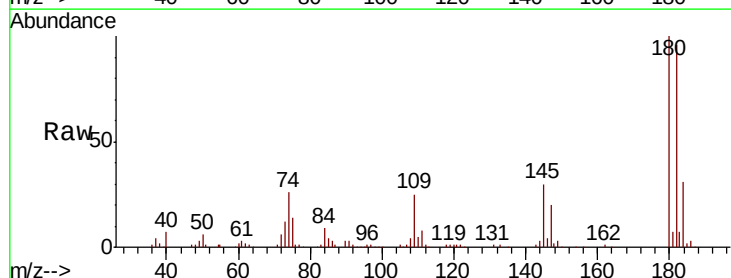
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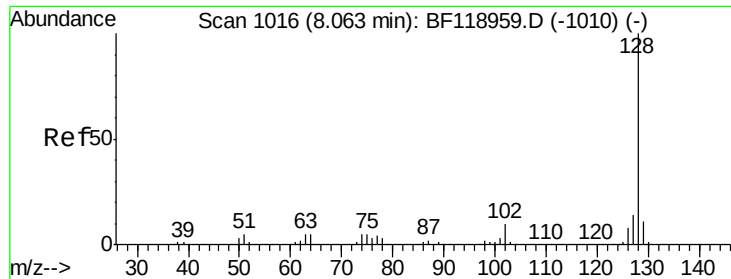
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#30  
1,2,4-Trichlorobenzene  
Concen: 42.669 ng  
RT: 7.95 min Scan# 997  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 302044 |       |       |
| 182     | 96.0  | 77.8   | 116.6 |       |
| 145     | 30.3  | 25.2   | 37.8  |       |





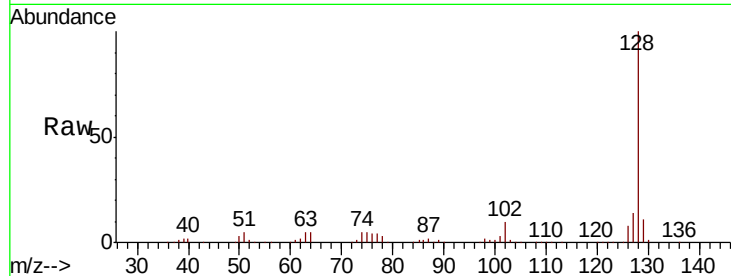
#31  
Naphthalene  
Concen: 46.281 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

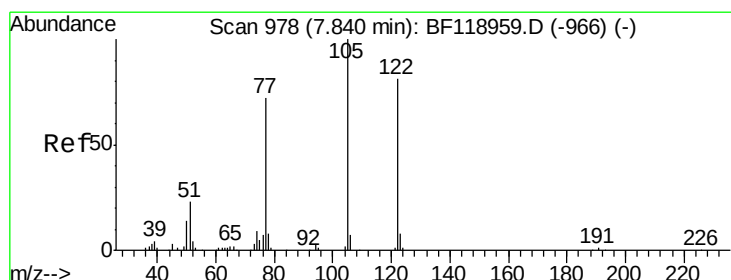
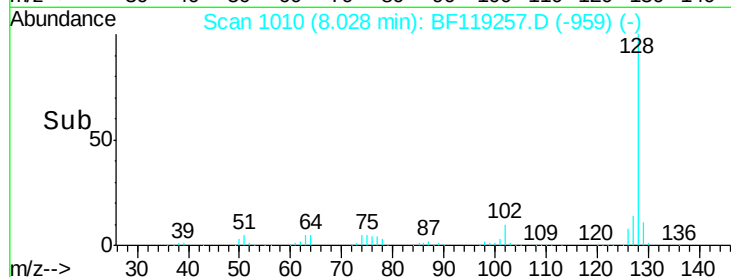
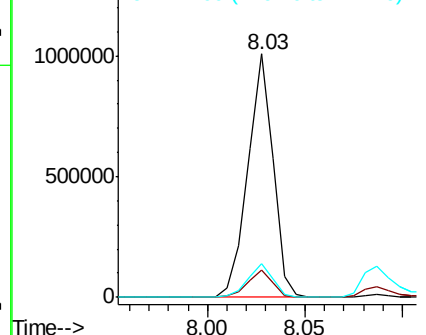
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 903821 |       |       |
| 129     | 11.3  |        | 9.4   | 14.2  |
| 127     | 13.6  |        | 11.4  | 17.2  |

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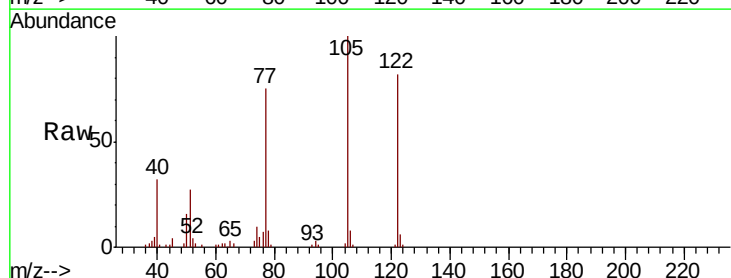


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

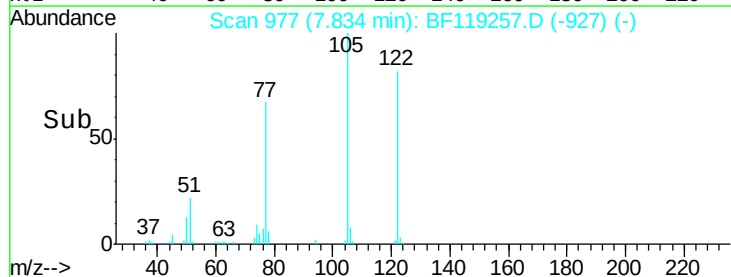
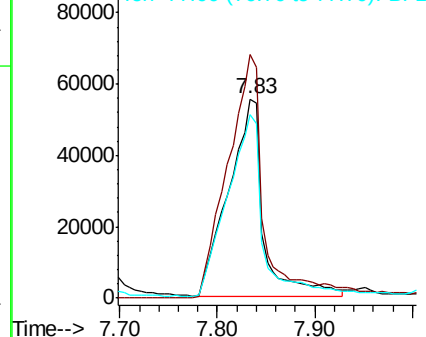


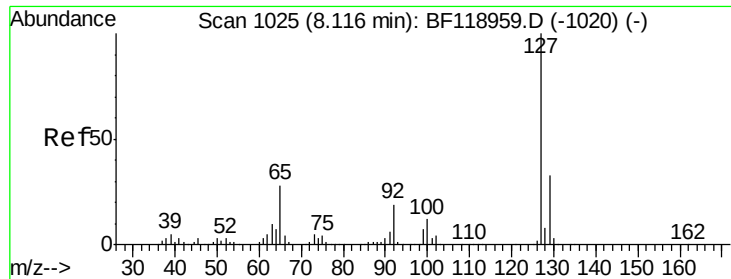
#32  
Benzoic acid  
Concen: 38.706 ng  
RT: 7.83 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 137674 |       |       |
| 105     | 122.5 |        | 106.3 | 146.3 |
| 77      | 92.2  |        | 73.1  | 113.1 |



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





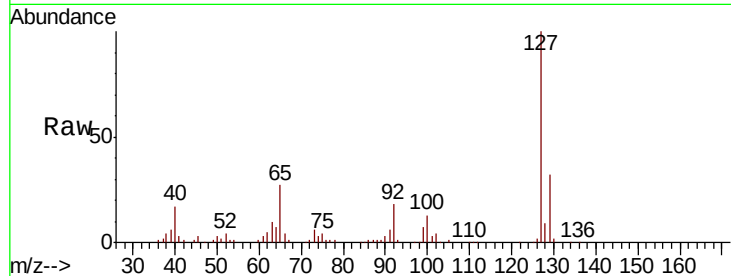
#33  
4-Chloroaniline  
Concen: 19.304 ng  
RT: 8.09 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 162146 |       |       |
| 129     | 32.2 | 25.9  | 38.9   |       |       |
| 65      | 27.4 | 23.9  | 35.9   |       |       |
| 92      | 18.4 | 16.3  | 24.5   |       |       |

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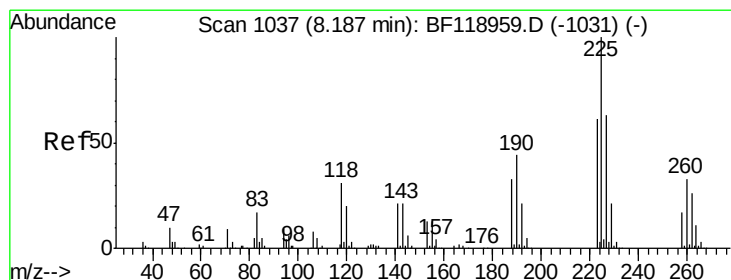
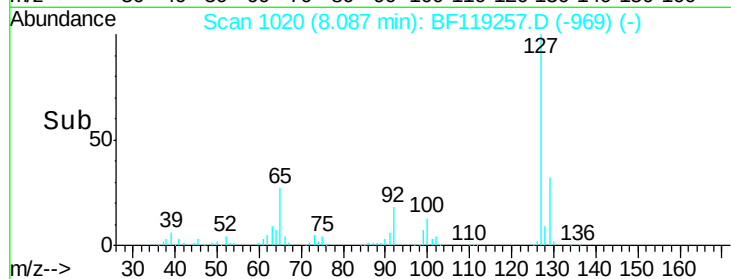
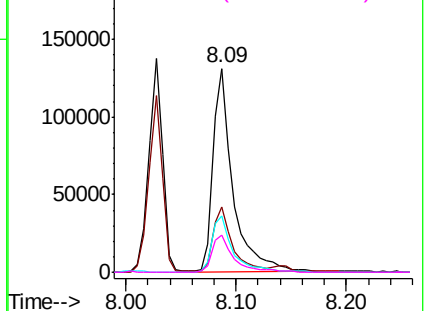
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

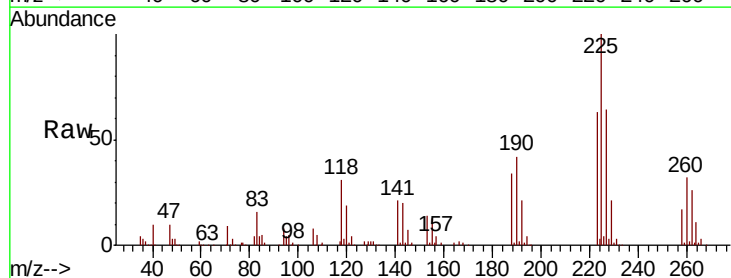
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 42.384 ng  
RT: 8.15 min Scan# 1030  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 186883 |       |       |
| 223     | 62.9 | 49.4  | 74.2   |       |       |
| 227     | 64.1 | 52.9  | 79.3   |       |       |

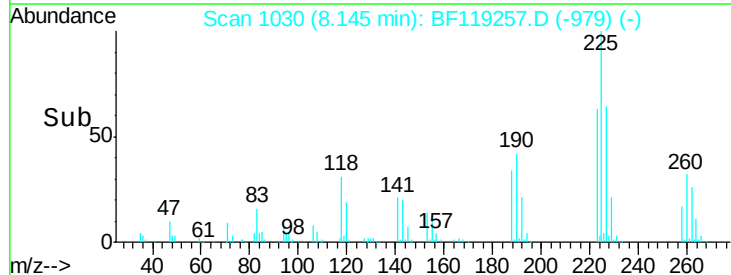
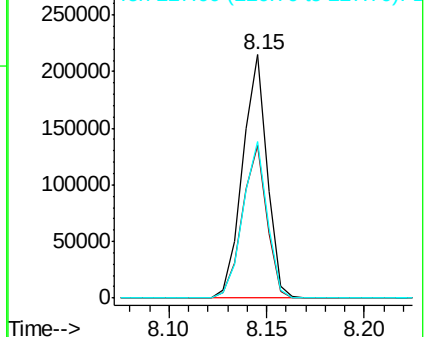


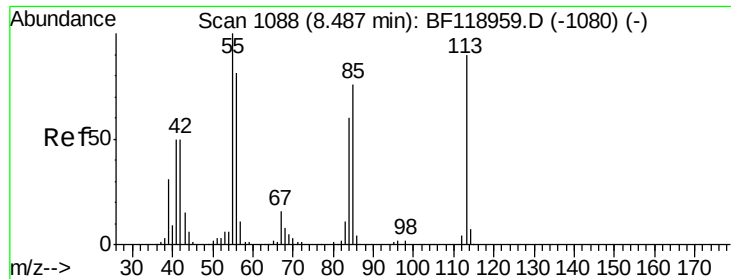
Abundance

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





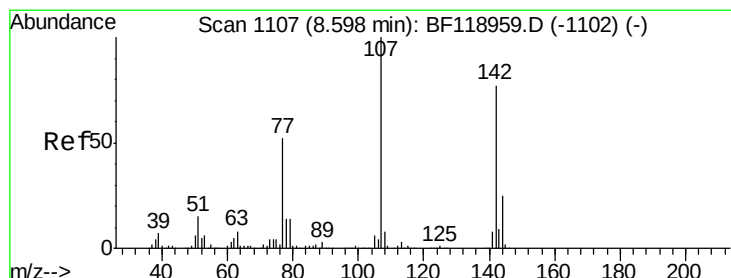
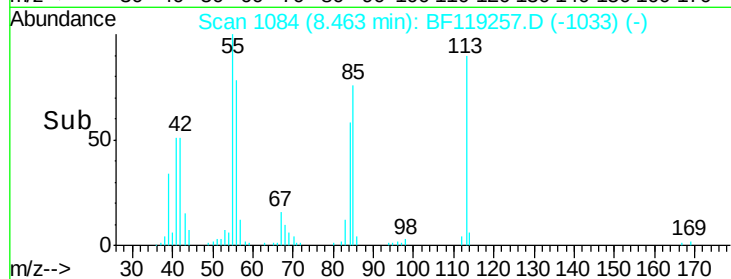
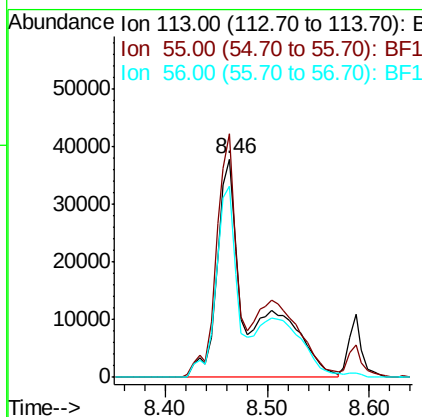
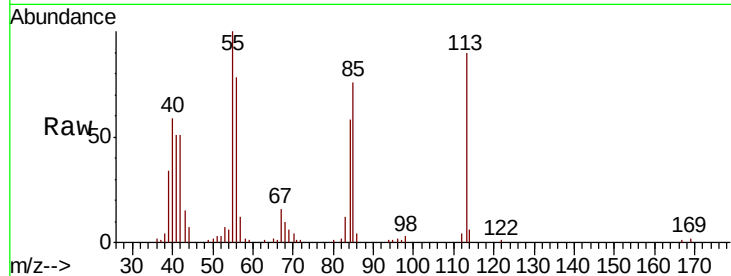
#35  
 Caprolactam  
 Concen: 47.687 ng/ml  
 RT: 8.46 min Scan# 1084  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-10-030220MSD

Tot Ion:113 Resp: 87666  
 Ion Ratio Lower Upper  
 113 100  
 55 111.6 95.7 135.7  
 56 87.6 73.1 113.1

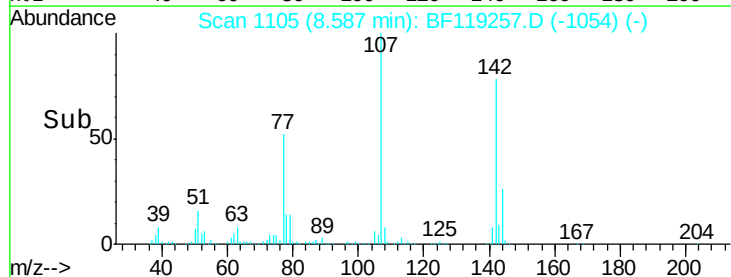
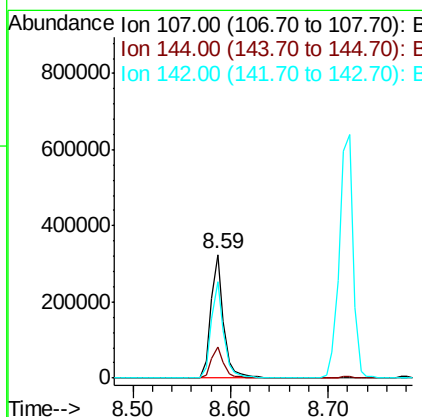
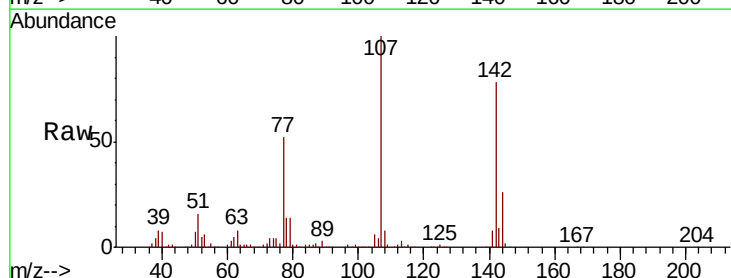
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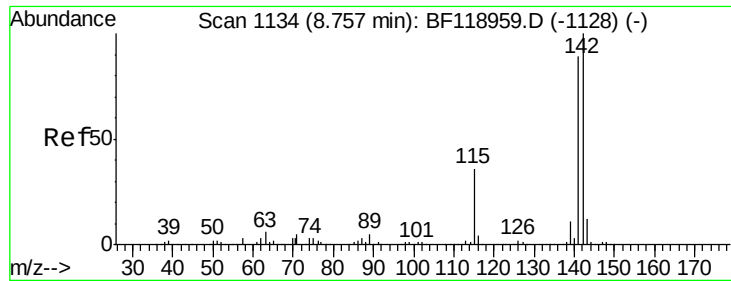
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#36  
 4-Chloro-3-methylphenol  
 Concen: 48.716 ng/ml  
 RT: 8.59 min Scan# 1105  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

Tgt Ion:107 Resp: 294355  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 20.1 30.1  
 142 78.3 61.4 92.2





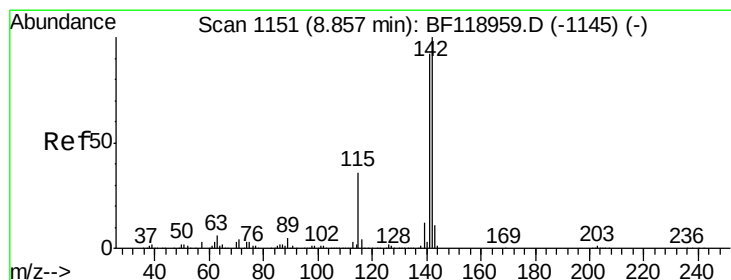
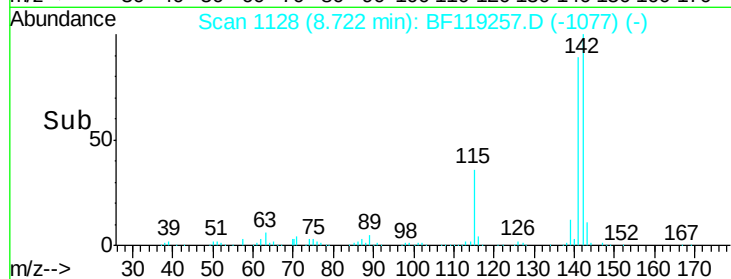
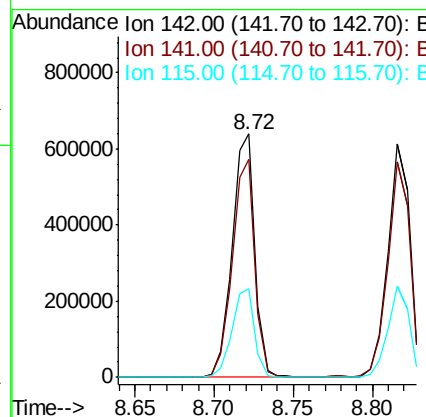
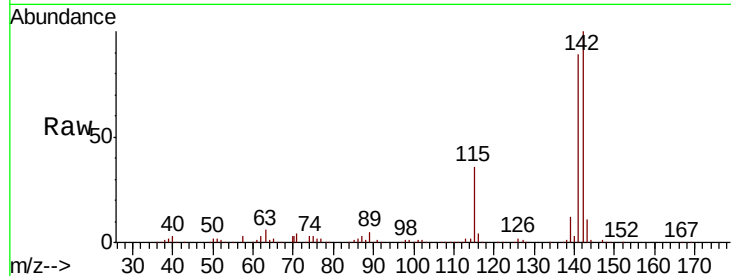
#37  
2-Methylnaphthalene  
Concen: 47.863 ng  
RT: 8.72 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.5  | 72.3  | 108.5 |
| 115     | 36.3  | 30.6  | 45.8  |

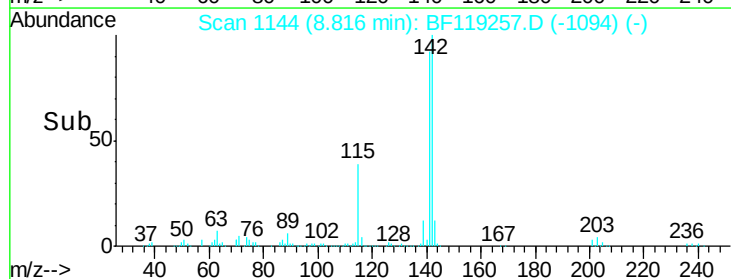
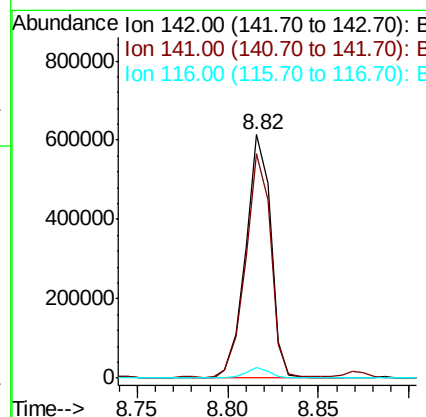
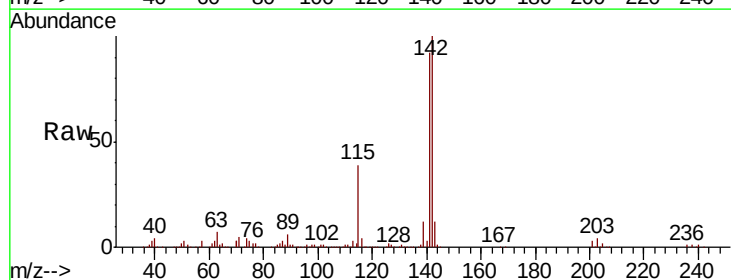
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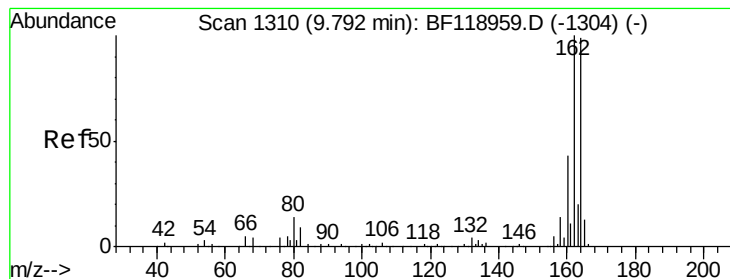
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#38  
1-Methylnaphthalene  
Concen: 47.609 ng  
RT: 8.82 min Scan# 1144  
Delta R.T. -0.01 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.3  | 75.8  | 113.6 |
| 116     | 4.2   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA\_F

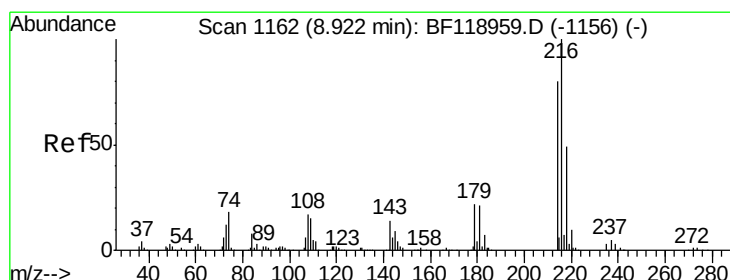
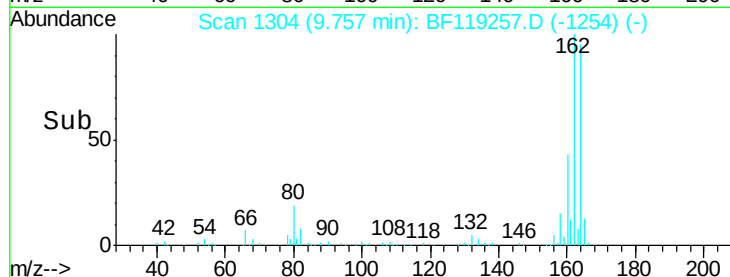
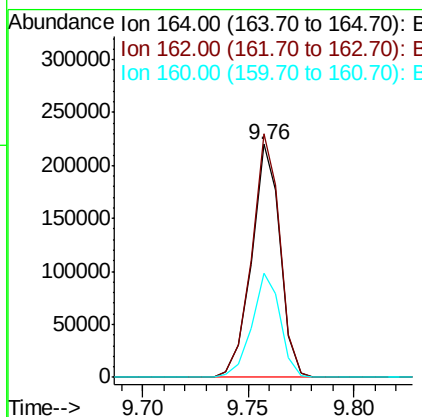
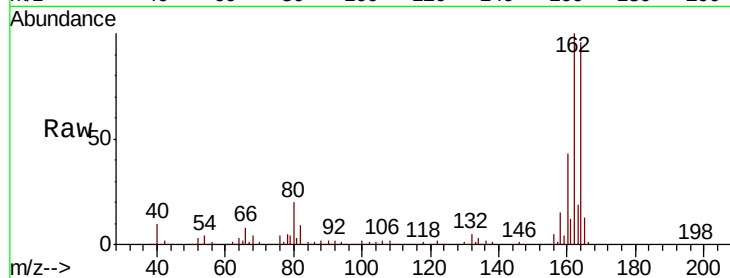
ClientSampleId :

GP-10-030220MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 205711 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 104.4 | 81.8  | 122.8  |
| 160       | 44.8  | 36.0  | 54.0   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.947 ng

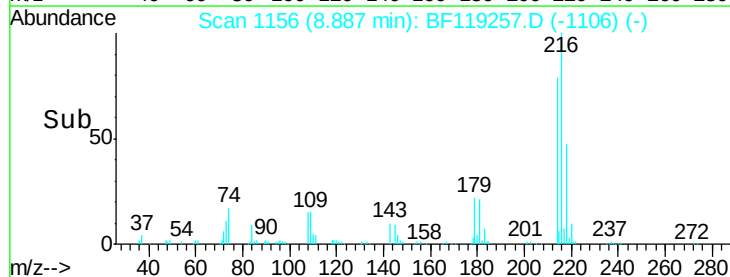
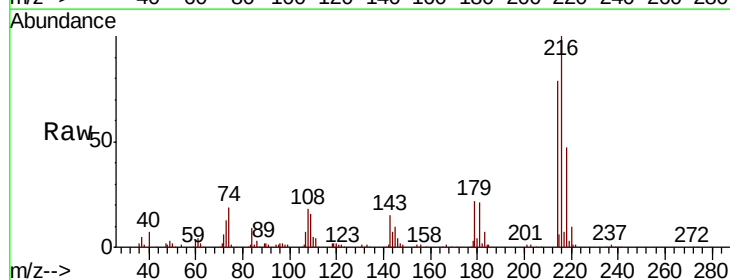
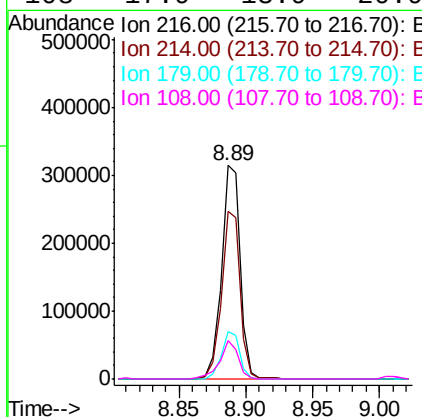
RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

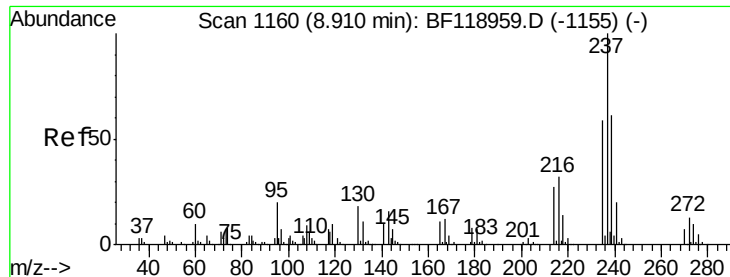
Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 311741 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.1  | 63.3  | 94.9   |
| 179       | 21.6  | 17.7  | 26.5   |
| 108       | 17.9  | 13.9  | 20.9   |







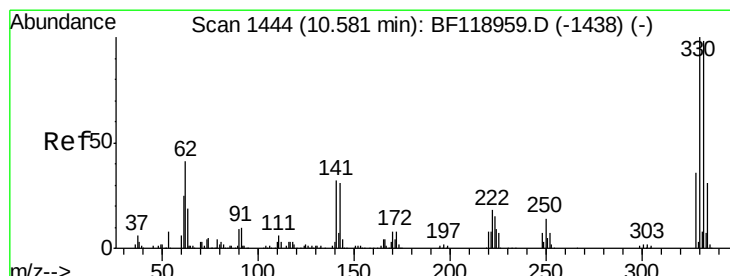
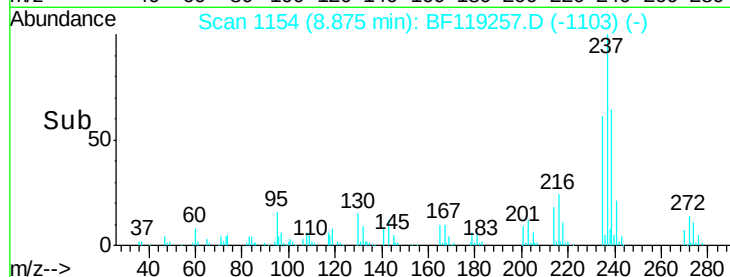
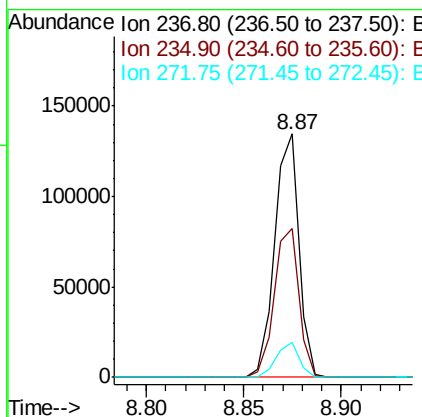
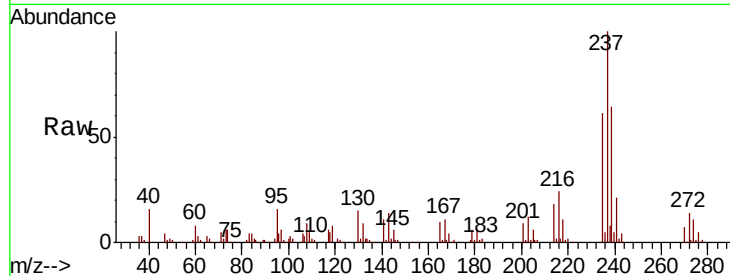
#41  
Hexachlorocyclopentadiene  
Concen: 50.033 ng  
RT: 8.87 min Scan# 1154  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 116247 |       |       |
| 235     | 61.1  | 42.3   | 82.3  |       |
| 272     | 14.4  | 0.0    | 33.5  |       |

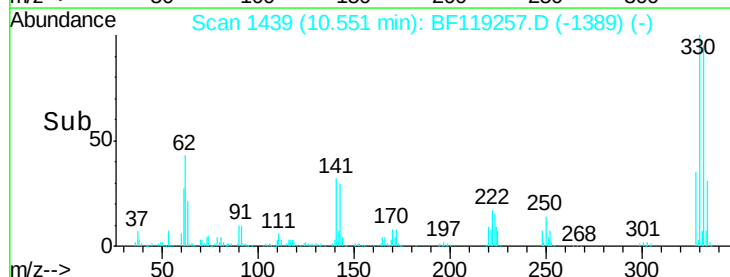
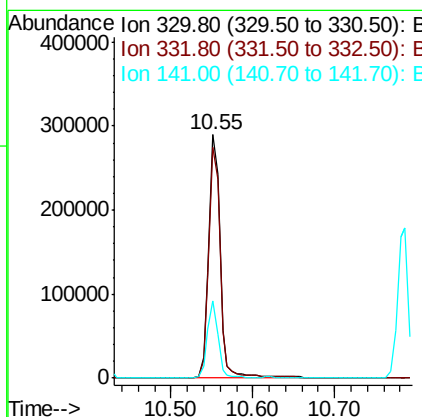
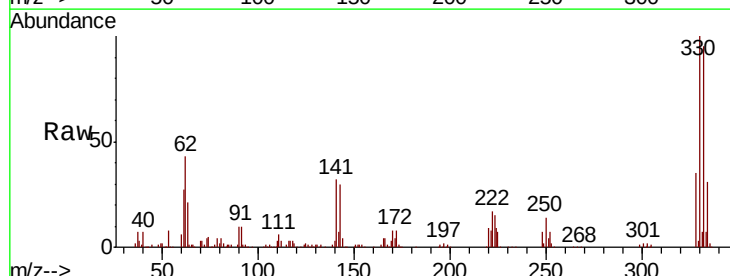
Manual Integrations  
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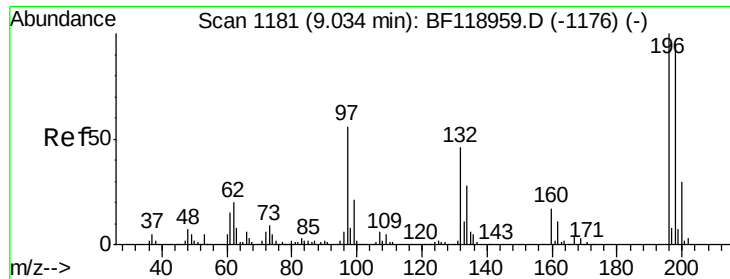
mohammad  
3/9/2020 3:09:21 PM



#42  
2,4,6-Tribromophenol  
Concen: 106.036 ng  
RT: 10.55 min Scan# 1439  
Delta R.T. -0.01 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 285348 |       |       |
| 332     | 95.5  | 76.0   | 114.0 |       |
| 141     | 29.9  | 22.9   | 34.3  |       |





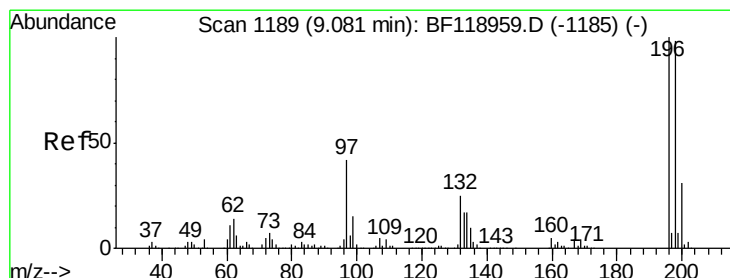
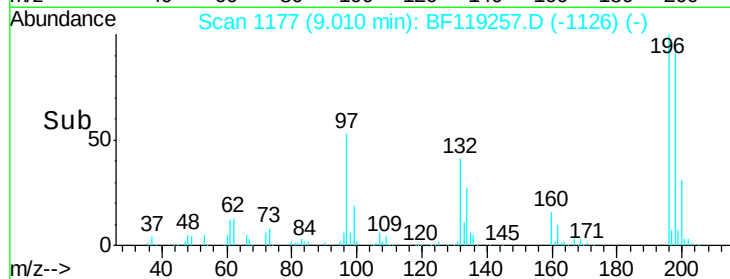
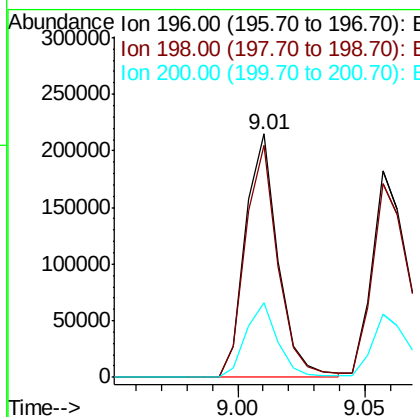
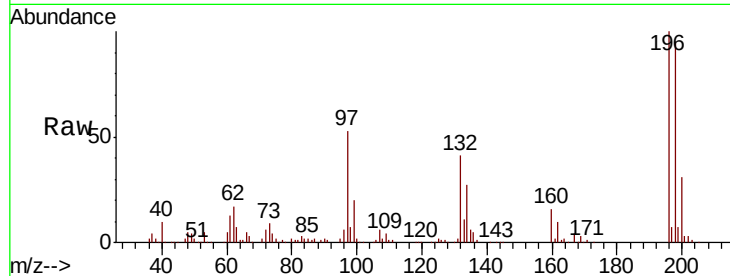
#43  
 2,4,6-Trichlorophenol  
 Concen: 44.255 ng  
 RT: 9.01 min Scan# 1177  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-10-030220MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 193830 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.5  | 77.1  | 115.7  |
| 200       | 30.7  | 25.0  | 37.6   |

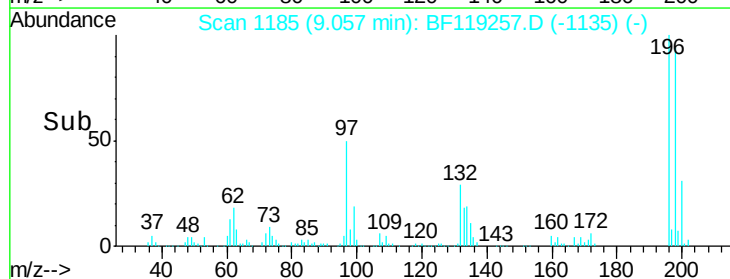
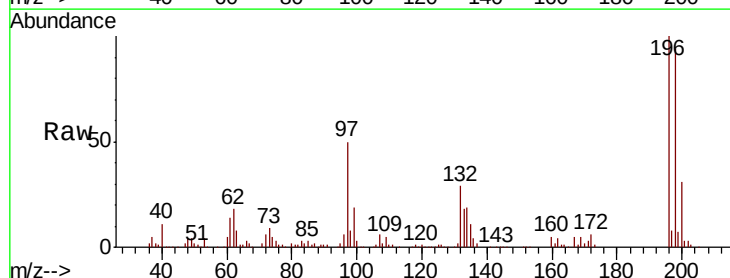
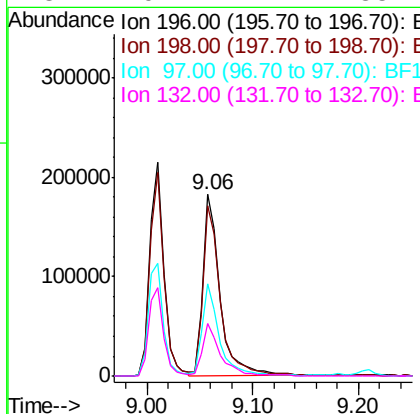
Manual Integrations  
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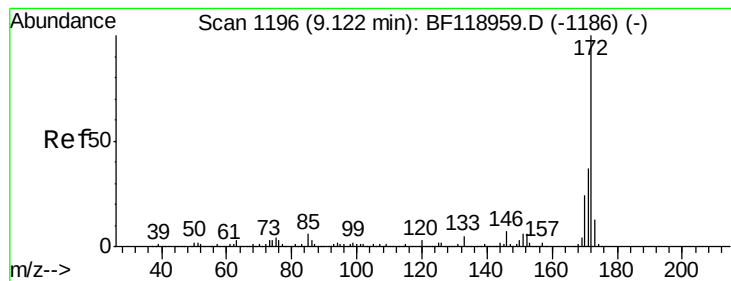
mohammad  
 3/9/2020 3:09:21 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.624 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. -0.01 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 205094 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 93.9  | 76.8  | 115.2  |
| 97        | 50.5  | 38.5  | 57.7   |
| 132       | 29.2  | 22.2  | 33.4   |





#45

2-Fluorobiphenyl

Concen: 73.830 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA\_F

ClientSampleId :

GP-10-030220MSD

Tot Ion:172 Resp: 1030942

Ion Ratio Lower Upper

172 100

171 36.3 30.6 45.8

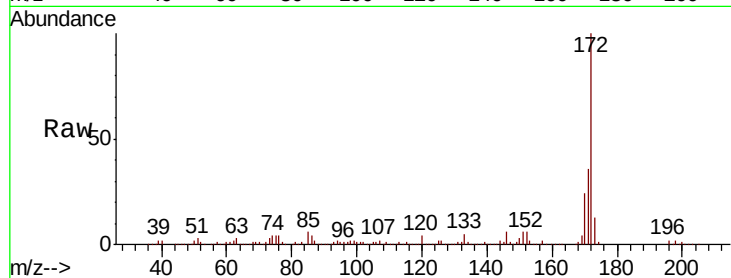
170 23.9 20.2 30.2

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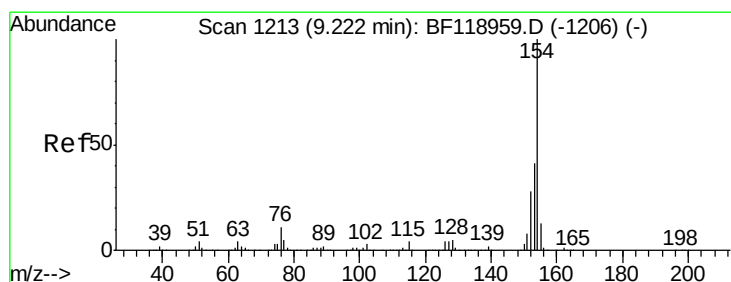
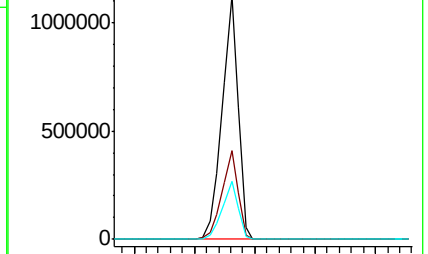
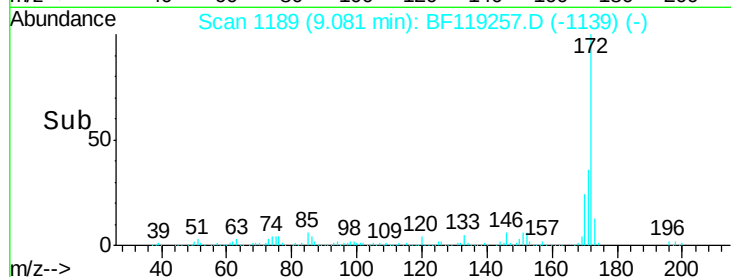
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 45.670 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

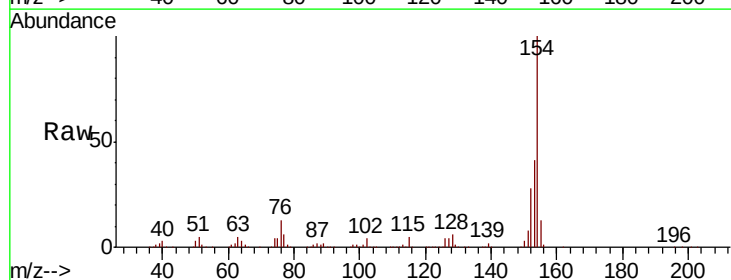
Tgt Ion:154 Resp: 759298

Ion Ratio Lower Upper

154 100

153 41.4 22.8 62.8

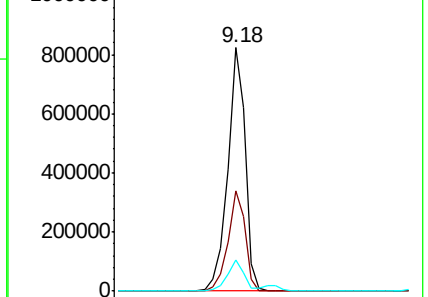
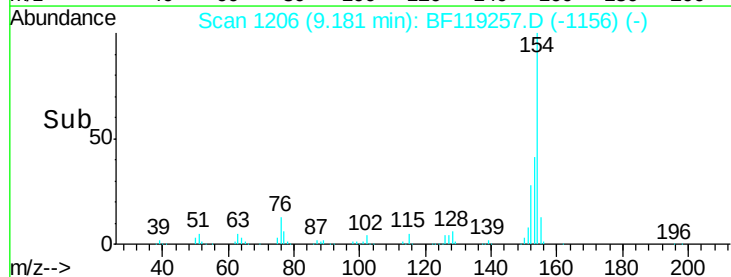
76 12.5 0.0 32.2

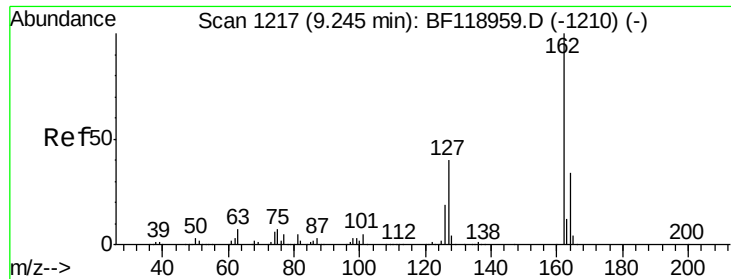


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





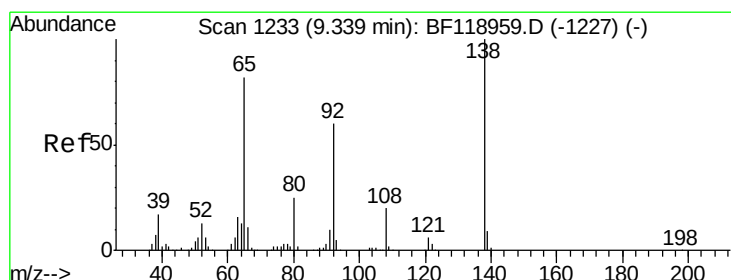
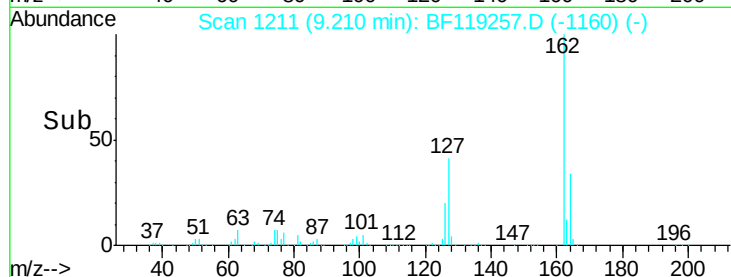
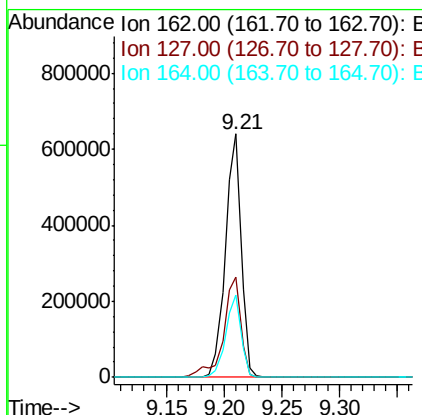
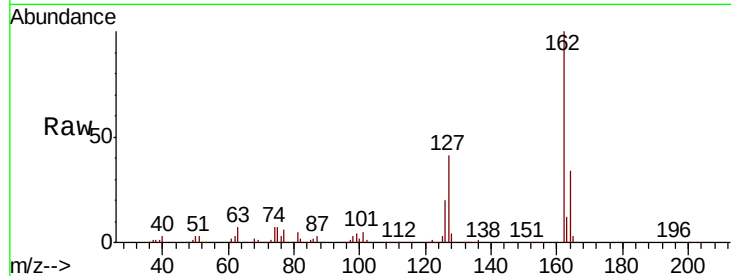
#47  
2-Chloronaphthalene  
Concen: 45.380 ng  
RT: 9.21 min Scan# 1211  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.4  | 35.0  | 52.4  |
| 164     | 33.9  | 27.2  | 40.8  |

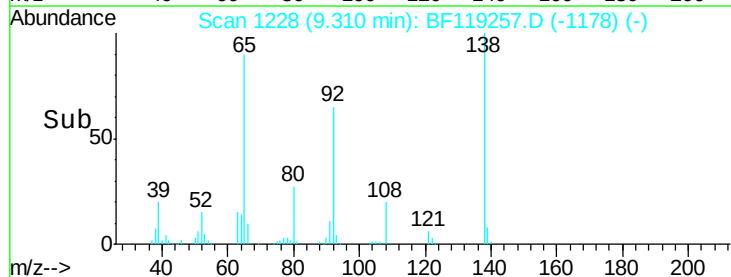
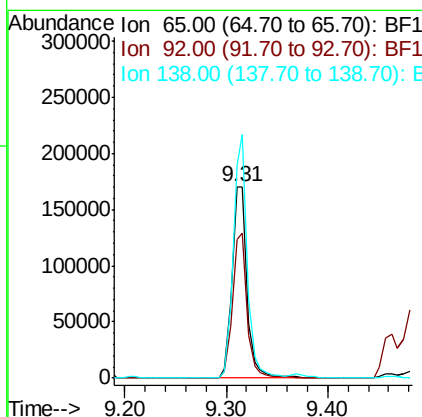
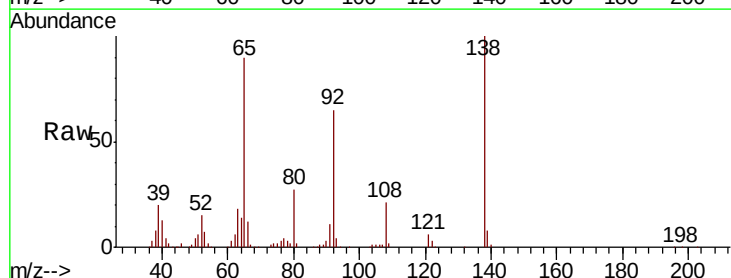
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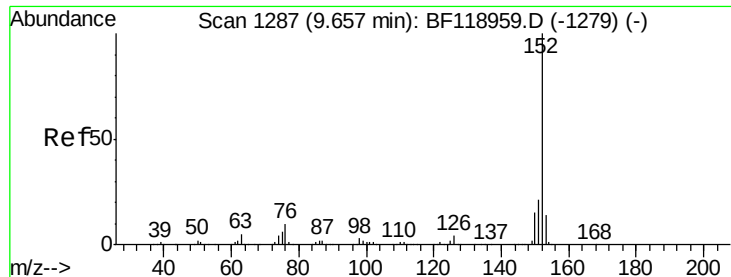
mohammad  
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#48  
2-Nitroaniline  
Concen: 47.547 ng  
RT: 9.31 min Scan# 1228  
Delta R.T. -0.01 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.1  | 58.2  | 87.2  |
| 138     | 110.9 | 95.6  | 143.4 |





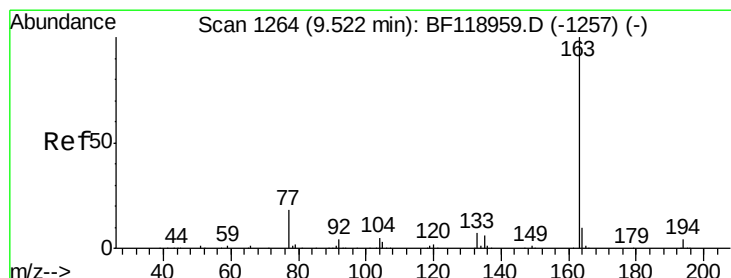
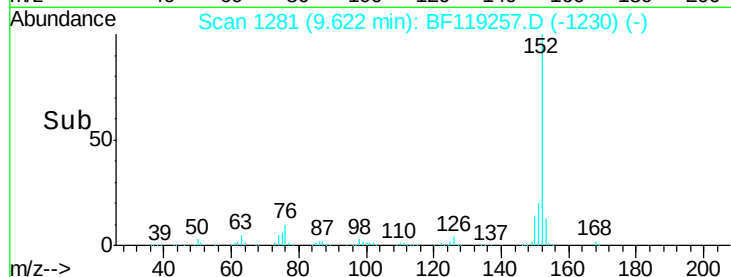
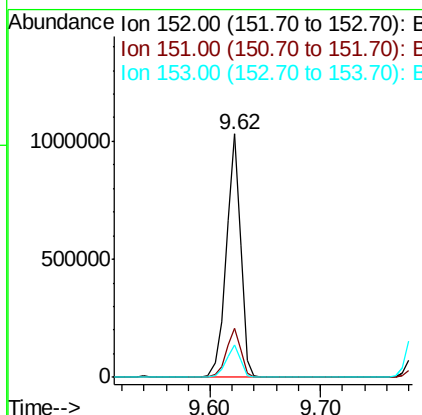
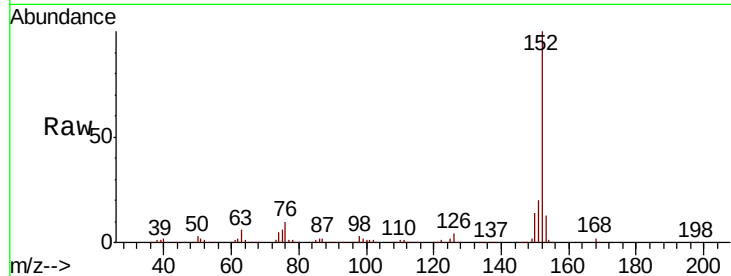
#49  
Acenaphthylene  
Concen: 48.368 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 152     | 100  |       | 935932 |       |       |
| 151     | 20.3 |       | 16.9   | 25.3  |       |
| 153     | 13.2 |       | 11.0   | 16.6  |       |

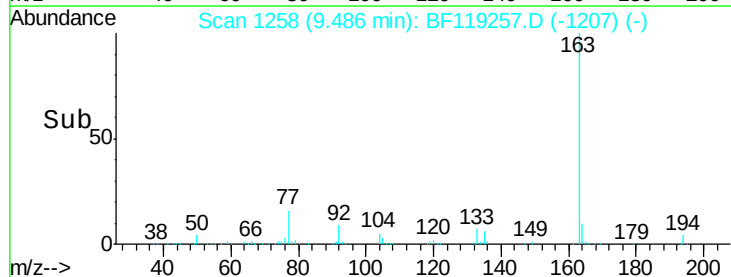
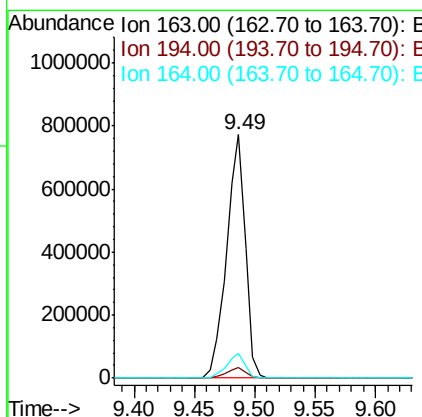
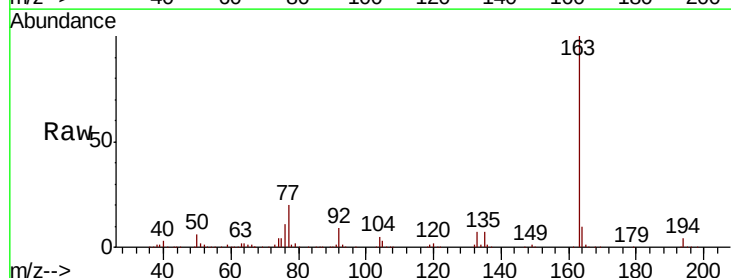
Manual Integrations  
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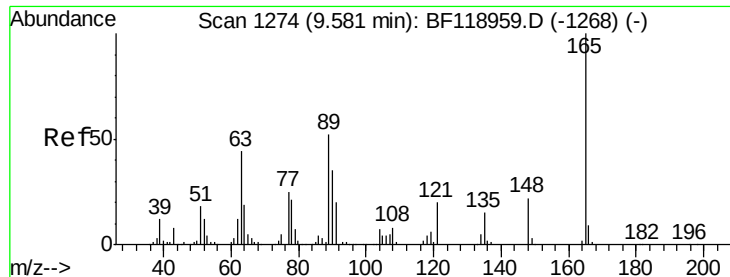
mohammad  
3/9/2020 3:09:21 PM



#50  
Dimethylphthalate  
Concen: 52.577 ng  
RT: 9.49 min Scan# 1258  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 163     | 100  |       | 827052 |       |       |
| 194     | 4.3  |       | 3.5    | 5.3   |       |
| 164     | 10.3 |       | 8.4    | 12.6  |       |





#51

2,6-Dinitrotoluene

Concen: 47.565 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA\_F

ClientSampleId :

GP-10-030220MSD

Tot Ion:165 Resp: 166231

Ion Ratio Lower Upper

165 100

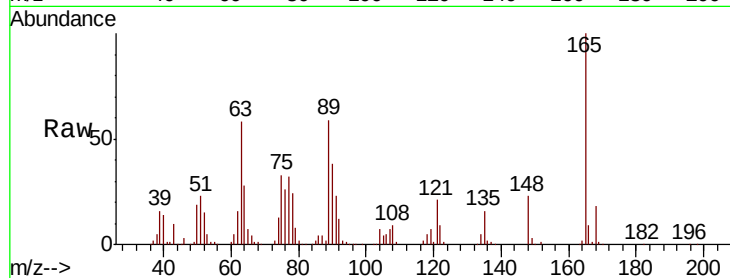
63 58.3 34.3 51.5#

89 58.7 38.3 57.5#

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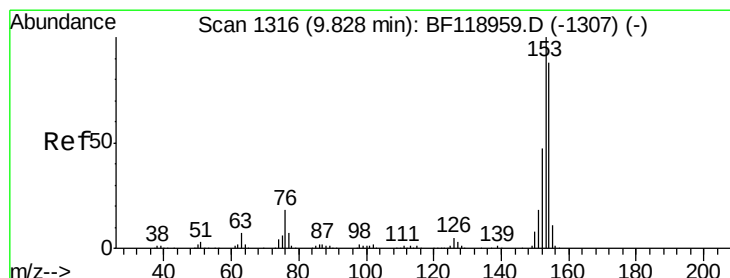
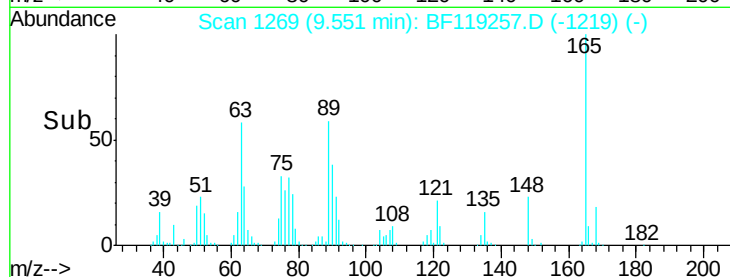
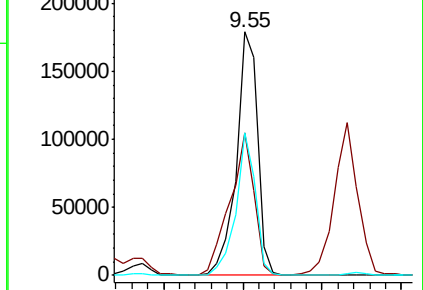
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 47.356 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

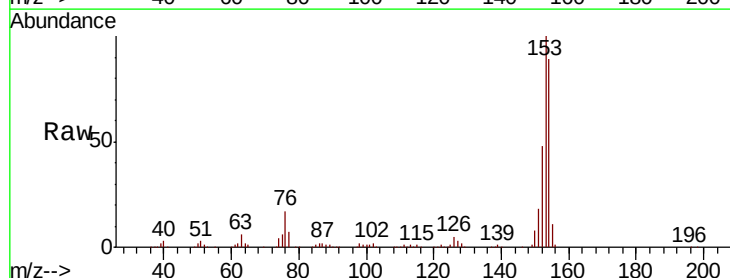
Tgt Ion:154 Resp: 552546

Ion Ratio Lower Upper

154 100

153 112.6 90.3 135.5

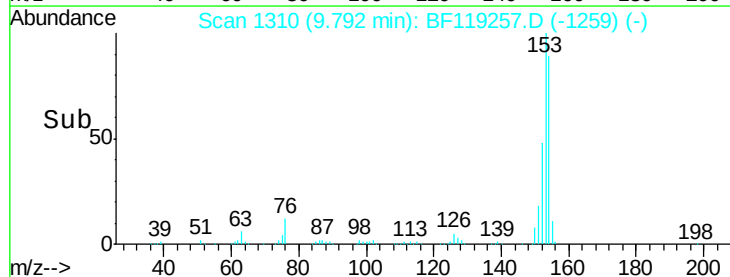
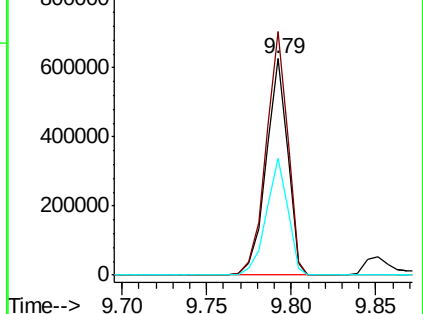
152 54.0 43.8 65.8

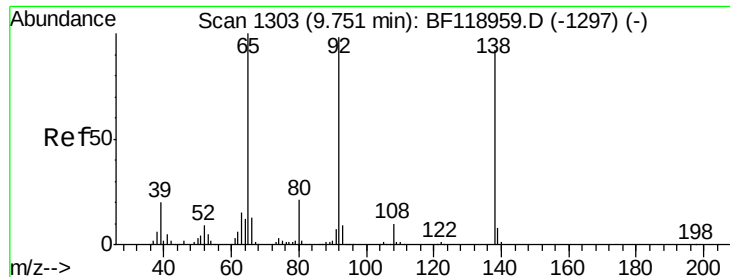


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





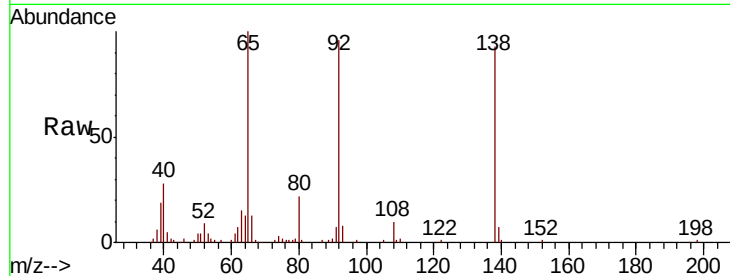
#53  
3-Nitroaniline  
Concen: 23.312 ng  
RT: 9.73 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.7  | 8.8   | 13.2  |
| 92      | 103.6 | 84.8  | 127.2 |

Manual Integrations  
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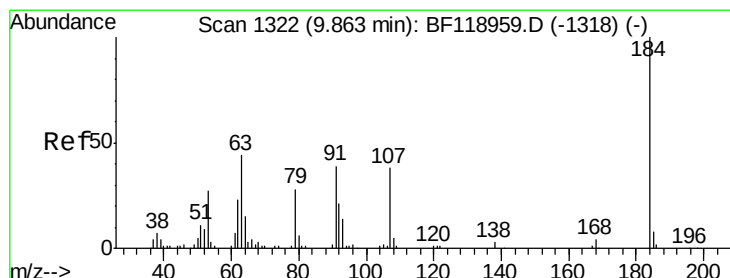
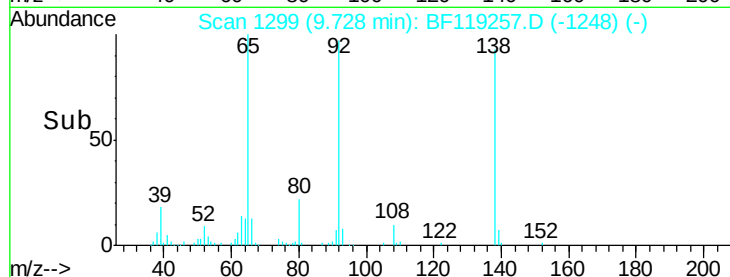
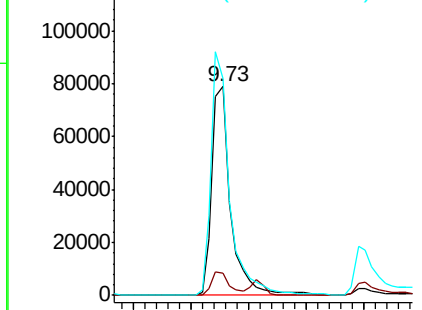


Abundance

Ion 138.00 (137.70 to 138.70): E

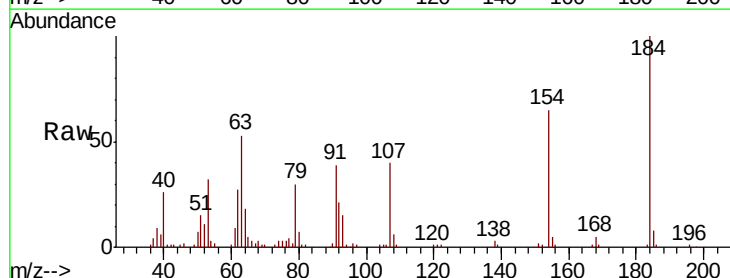
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54  
2,4-Dinitrophenol  
Concen: 65.050 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 53.0  | 38.7  | 58.1  |
| 154     | 65.2  | 49.7  | 74.5  |

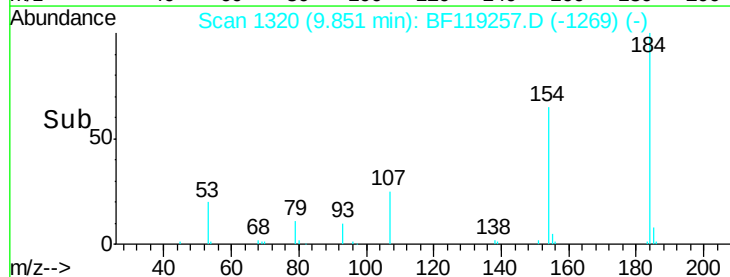
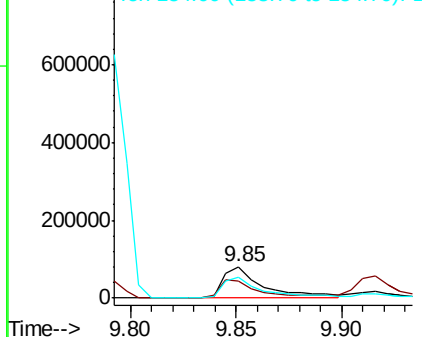


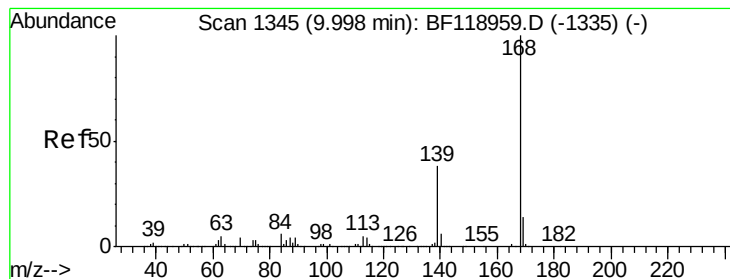
Abundance

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: 47.362 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA\_F

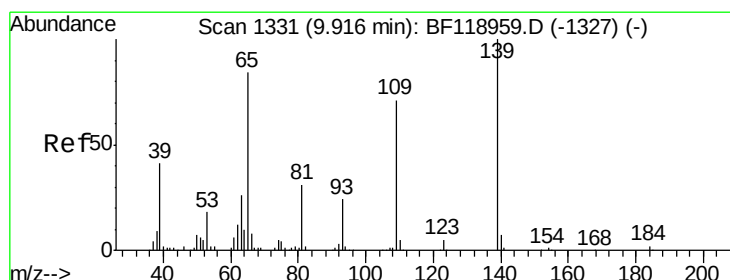
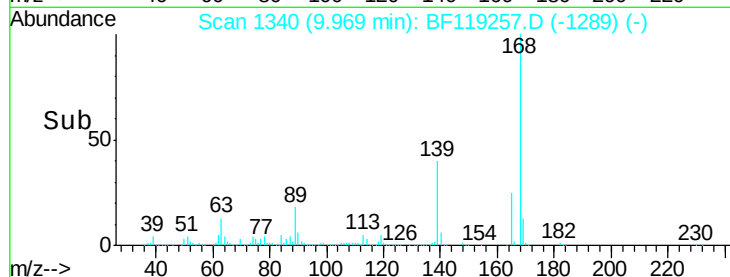
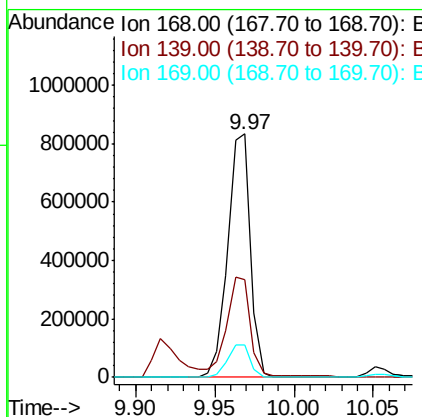
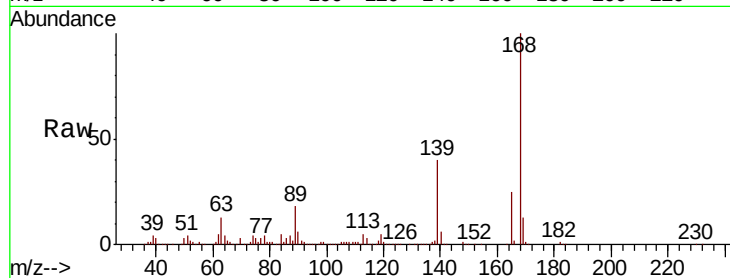
ClientSampleId :

GP-10-030220MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 824831 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 40.3  | 34.0  | 51.0   |
| 169       | 13.3  | 11.0  | 16.4   |

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#56

4-Nitrophenol

Concen: 66.796 ng

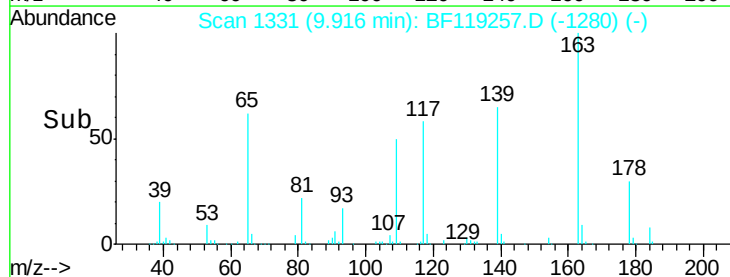
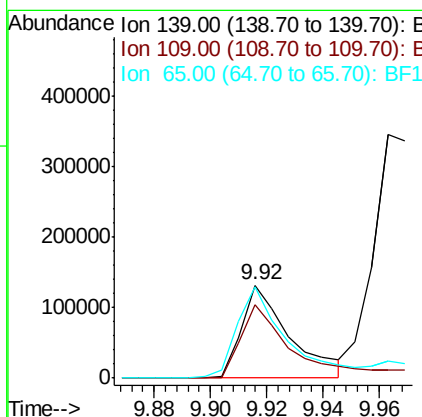
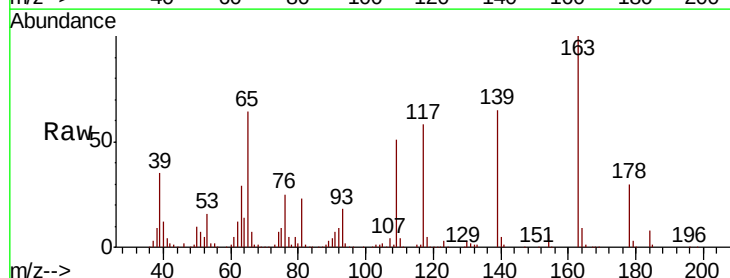
RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

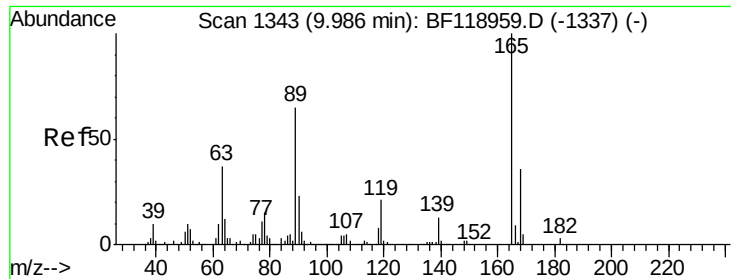
Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 155491 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 78.9  | 56.7  | 96.7   |
| 65        | 98.8  | 65.0  | 105.0  |







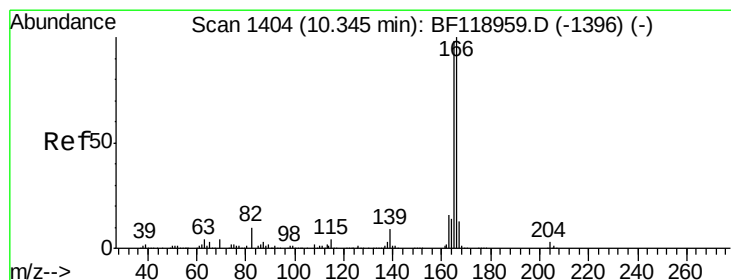
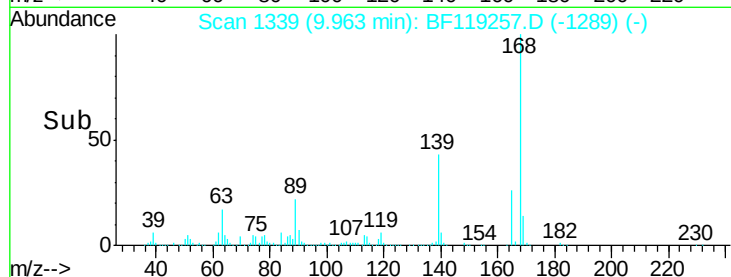
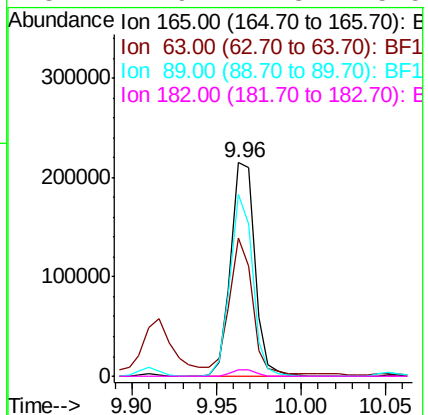
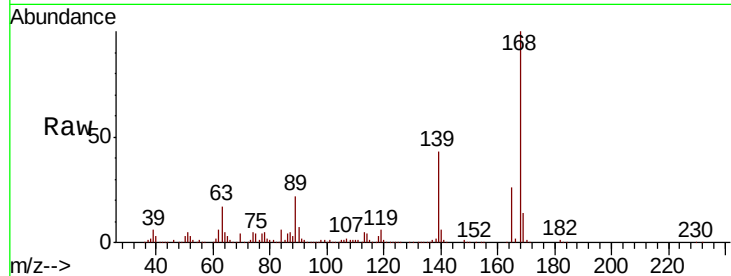
#57  
 2,4-Dinitrotoluene  
 Concen: 47.255 ng  
 RT: 9.96 min Scan# 1339  
 Delta R.T. -0.01 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-10-030220MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 214064 |       |       |
| 63      | 65.0  | 42.3   | 63.5# |       |
| 89      | 84.9  | 60.2   | 90.4  |       |
| 182     | 2.9   | 2.3    | 3.5   |       |

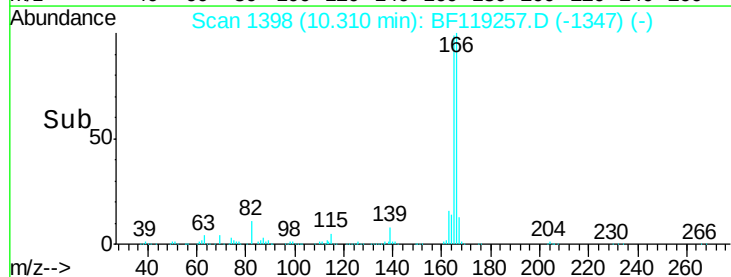
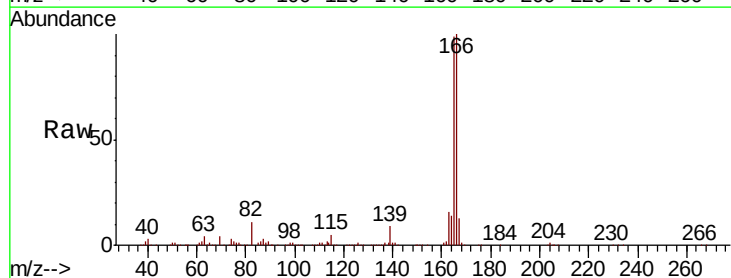
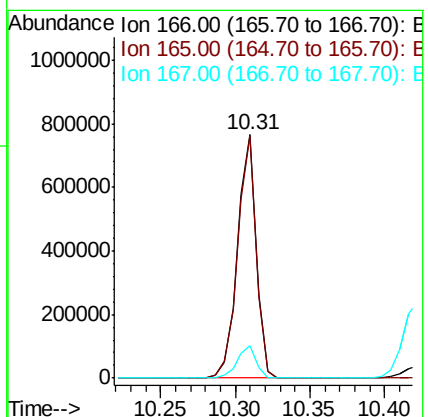
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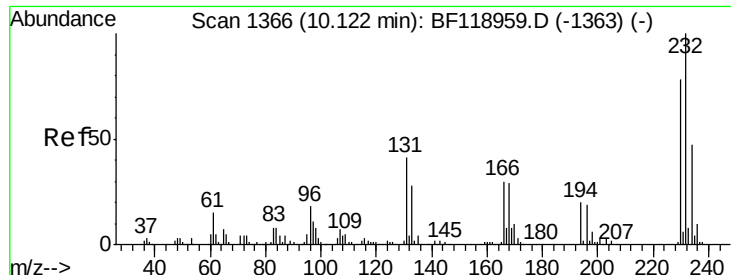
mohammad  
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#58  
 Fluorene  
 Concen: 49.914 ng  
 RT: 10.31 min Scan# 1398  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 675477 |       |       |
| 165     | 99.3  | 78.5   | 117.7 |       |
| 167     | 13.3  | 11.0   | 16.4  |       |





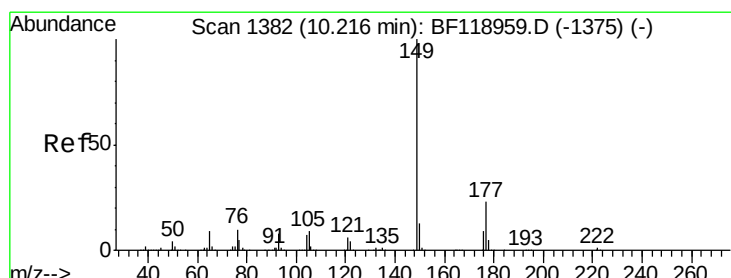
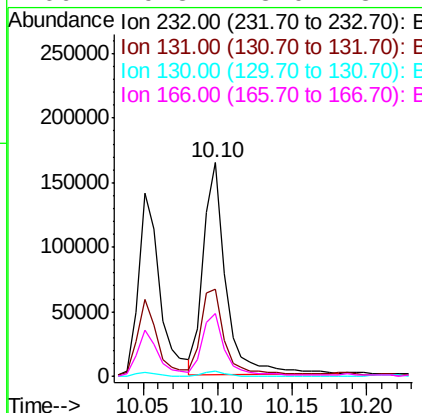
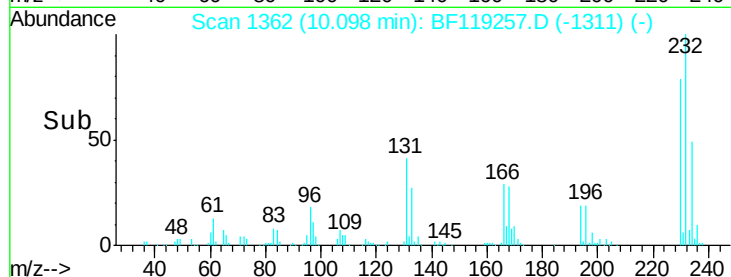
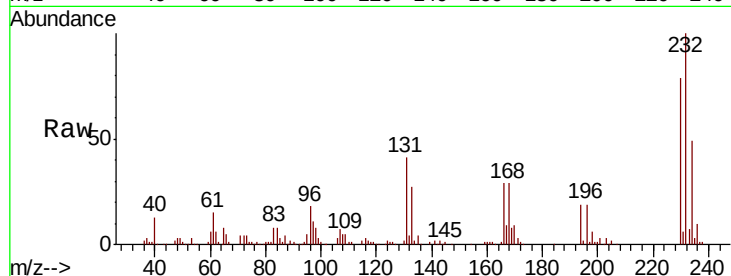
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.865 ng  
 RT: 10.10 min Scan# 1362  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.3  | 33.8  | 50.8  |
| 130     | 2.5   | 1.8   | 2.6   |
| 166     | 29.3  | 23.0  | 34.4  |

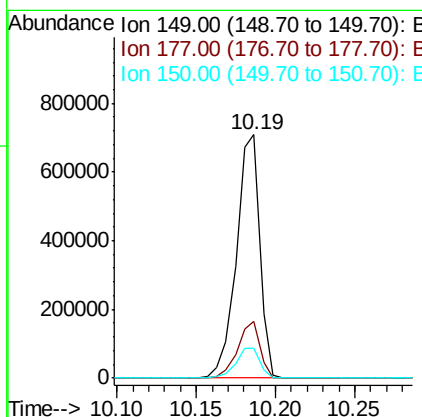
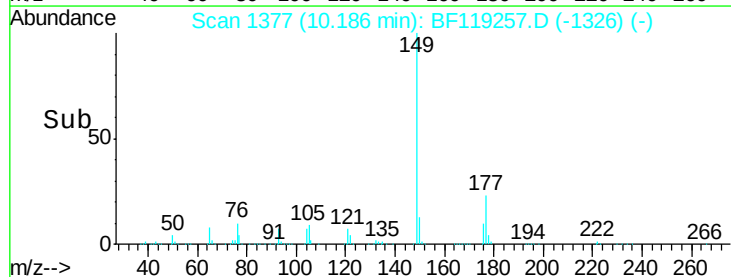
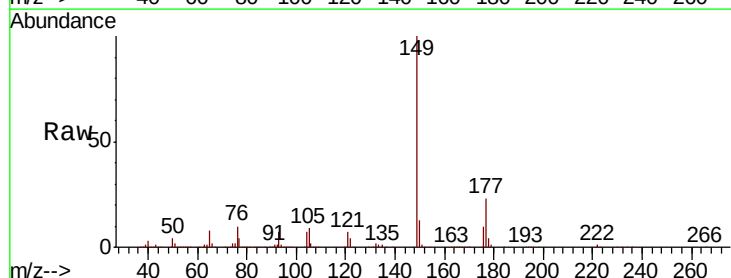
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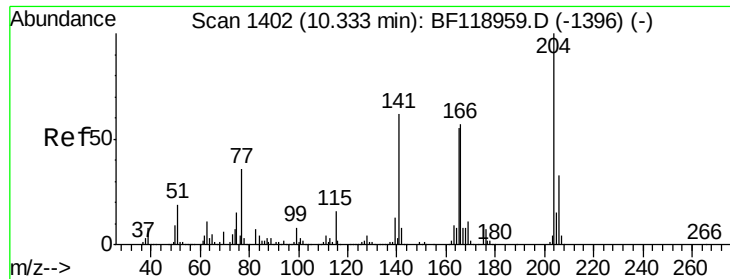
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#60  
 Diethylphthalate  
 Concen: 48.814 ng  
 RT: 10.19 min Scan# 1377  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.1  | 18.2  | 27.2  |
| 150     | 12.5  | 10.5  | 15.7  |





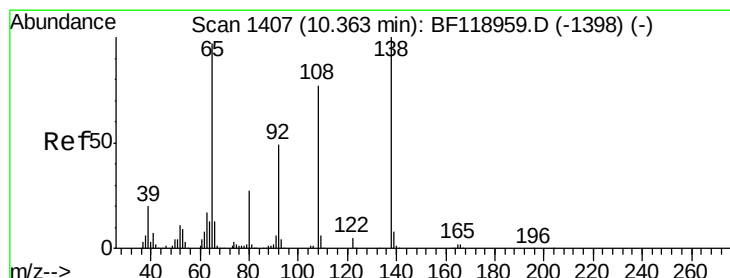
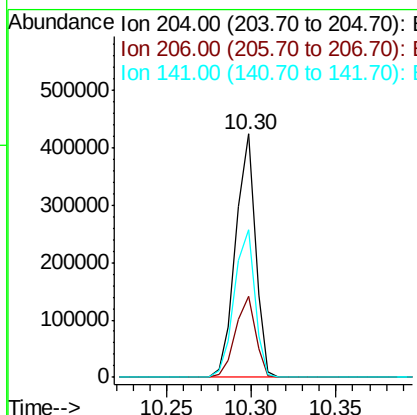
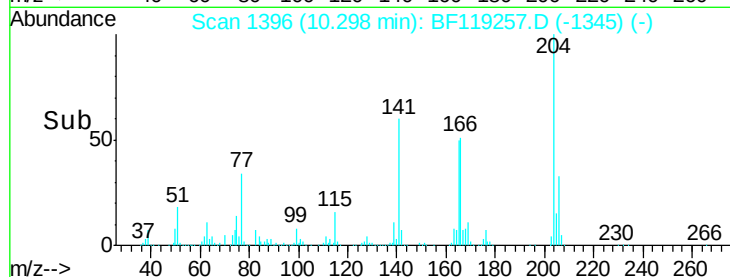
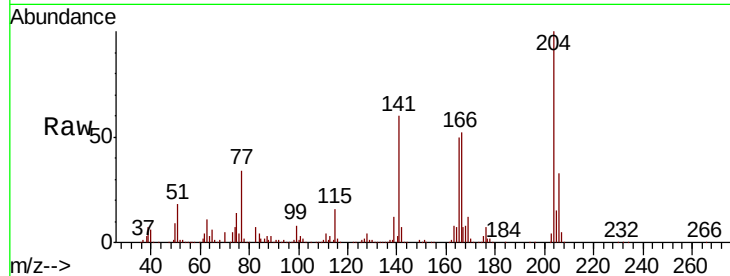
#61  
 4-Chlorophenyl-phenylether  
 Concen: 48.589 ng  
 RT: 10.30 min Scan# 1396  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-10-030220MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 204  | Resp: | 348054 |
| Ion Ratio |      | Lower | Upper  |
| 204       | 100  |       |        |
| 206       | 33.3 | 27.1  | 40.7   |
| 141       | 60.4 | 52.9  | 79.3   |

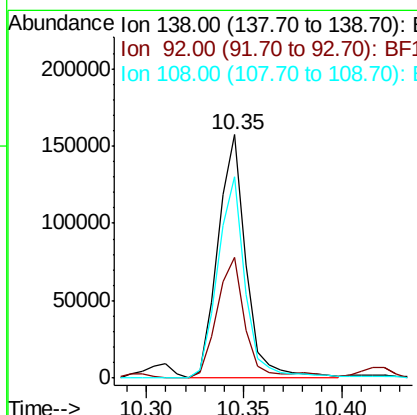
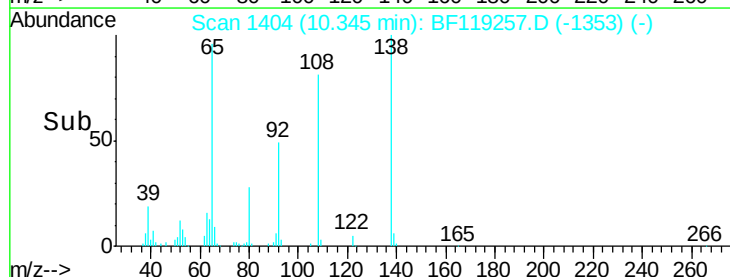
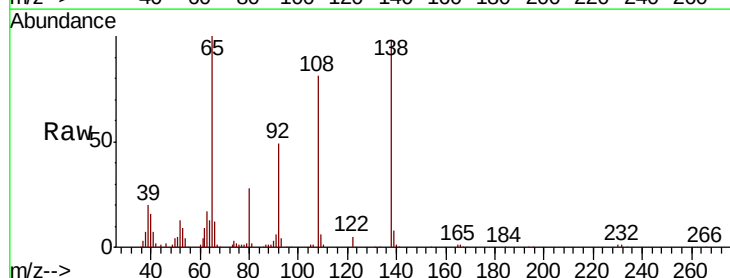
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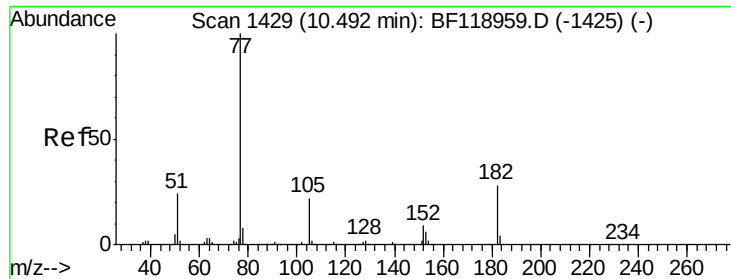
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#62  
 4-Nitroaniline  
 Concen: 39.057 ng  
 RT: 10.35 min Scan# 1404  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 138  | Resp: | 154821 |
| Ion Ratio |      | Lower | Upper  |
| 138       | 100  |       |        |
| 92        | 49.5 | 27.3  | 67.3   |
| 108       | 82.6 | 57.0  | 97.0   |





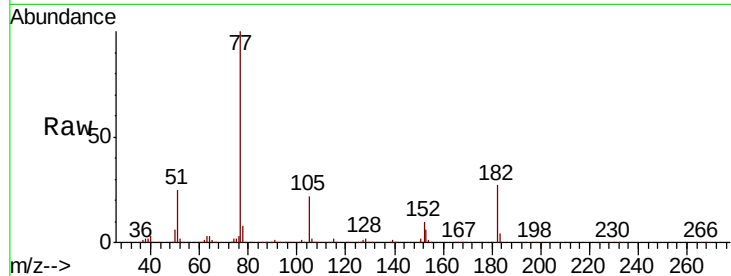
#63  
Azobenzene  
Concen: 50.413 ng  
RT: 10.46 min Scan# 1423  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

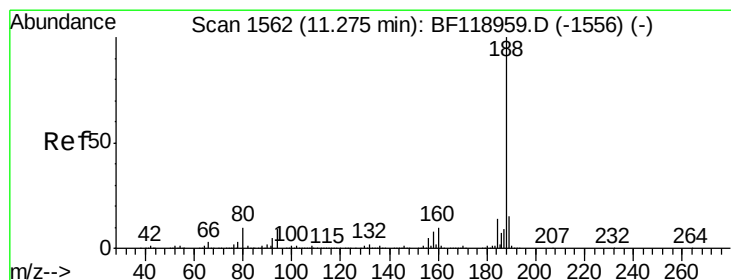
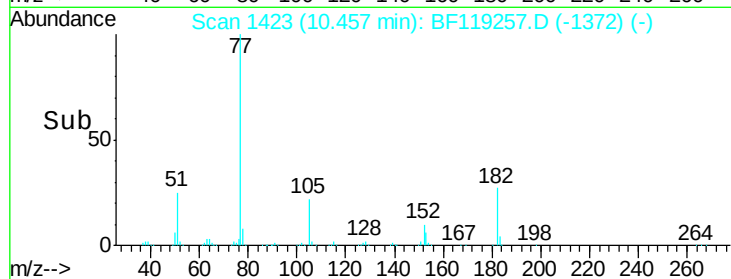
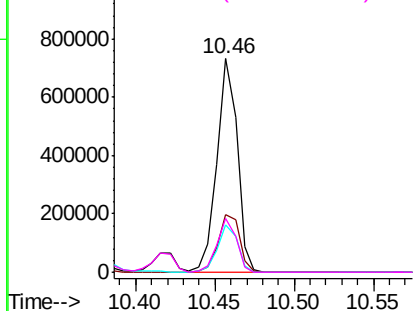
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 649583 |       |       |
| 182     | 27.0 | 11.4  | 51.4   |       |       |
| 105     | 22.1 | 3.4   | 43.4   |       |       |
| 51      | 24.9 | 5.1   | 45.1   |       |       |

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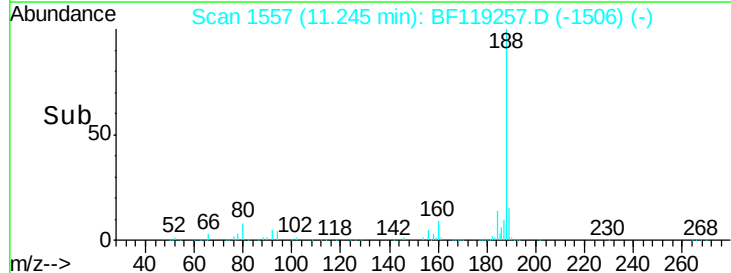
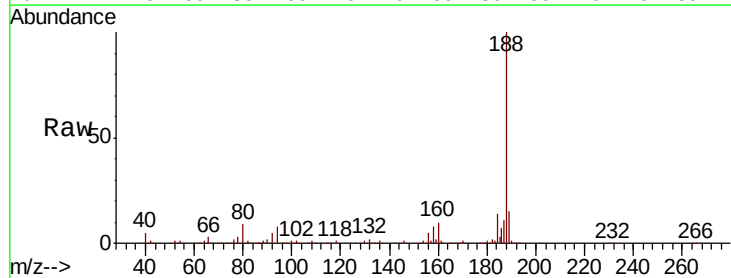
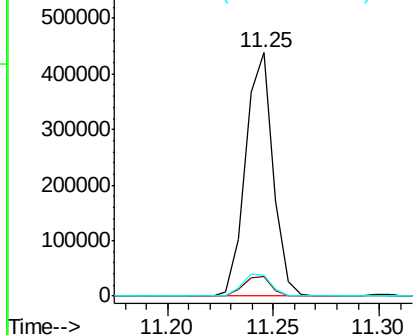
Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1

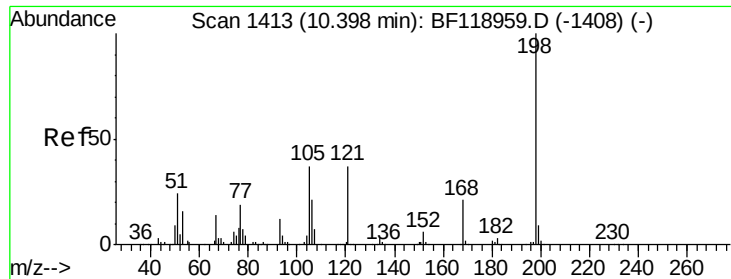


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.25 min Scan# 1557  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 395540 |       |       |
| 94      | 8.0 | 7.1   | 10.7   |       |       |
| 80      | 8.6 | 7.8   | 11.8   |       |       |

Abundance Ion 188.00 (187.70 to 188.70): BF1  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





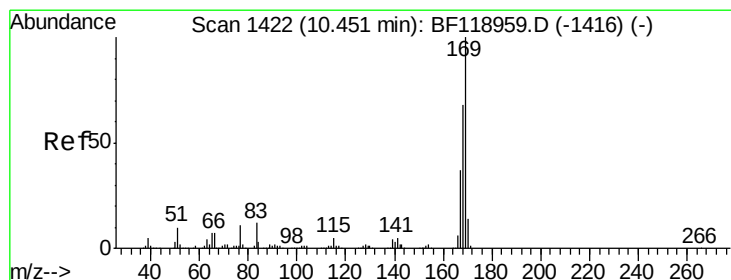
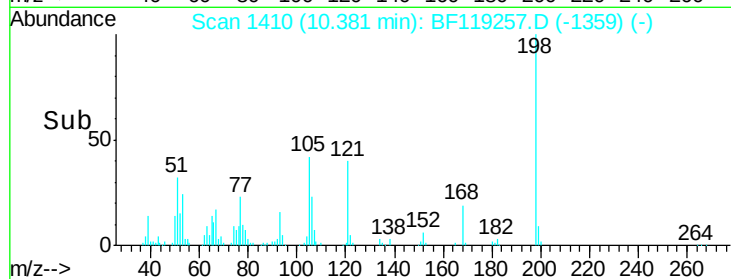
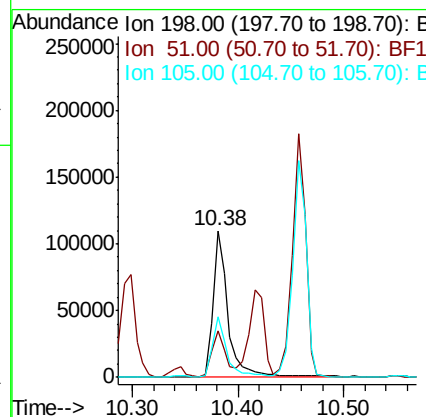
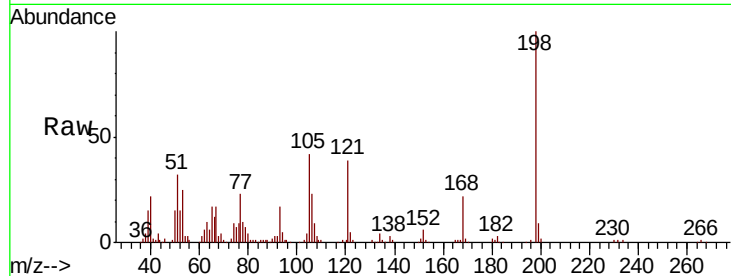
#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.984 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 110060 |       |       |
| 51      | 32.1  | 14.2   | 54.2  |       |
| 105     | 41.7  | 22.7   | 62.7  |       |

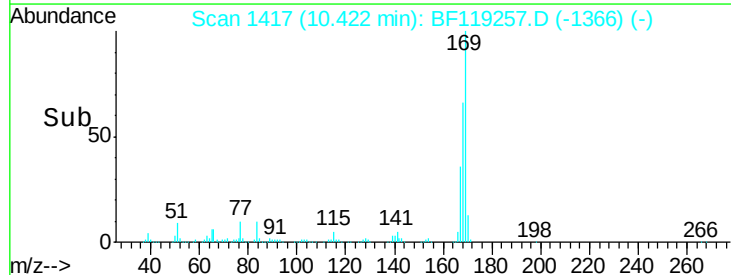
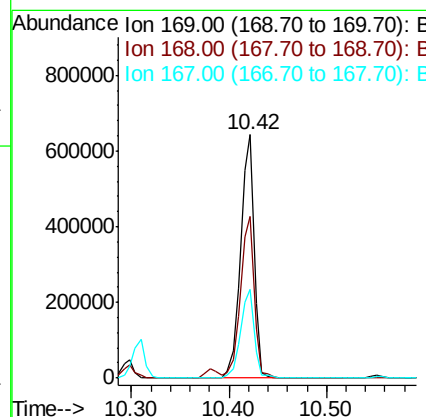
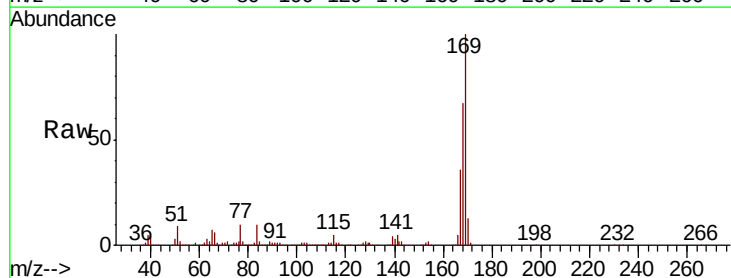
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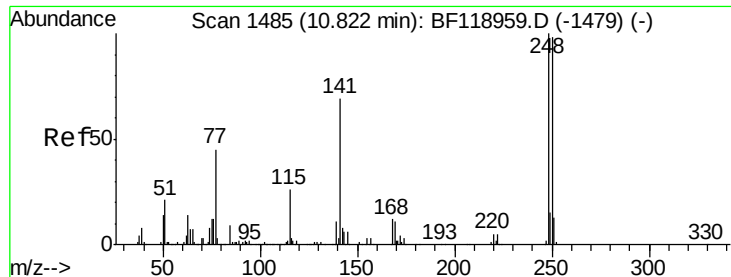
mohammad  
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#66  
n-Nitrosodiphenylamine  
Concen: 47.741 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 618317 |       |       |
| 168     | 66.6  | 54.1   | 81.1  |       |
| 167     | 36.5  | 29.4   | 44.0  |       |





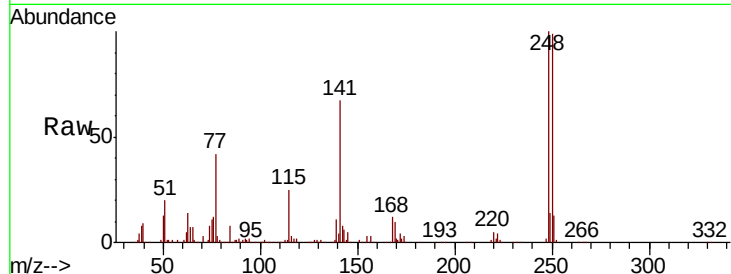
#67  
4-Bromophenyl-phenylether  
Concen: 44.612 ng  
RT: 10.79 min Scan# 1479  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.9  | 76.7  | 115.1 |
| 141     | 66.8  | 60.7  | 91.1  |

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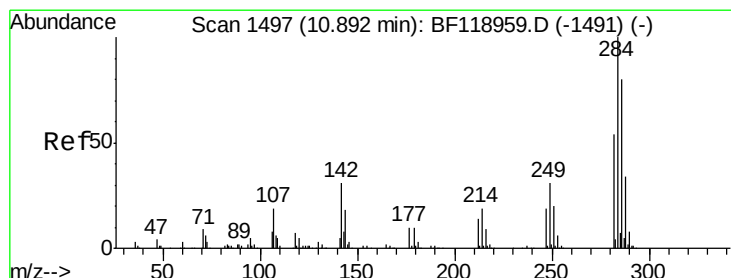
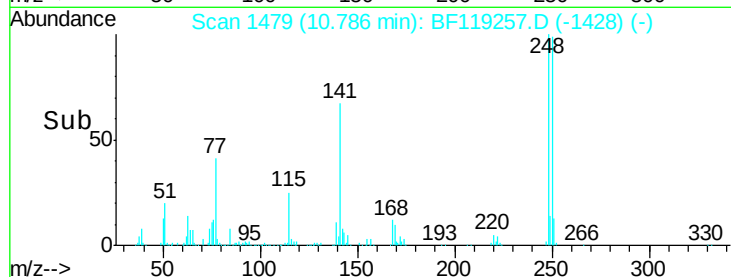
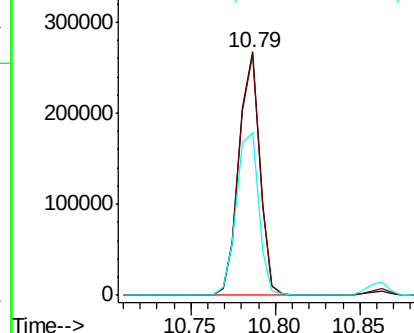


Abundance

Ion 248.00 (247.70 to 248.70): E

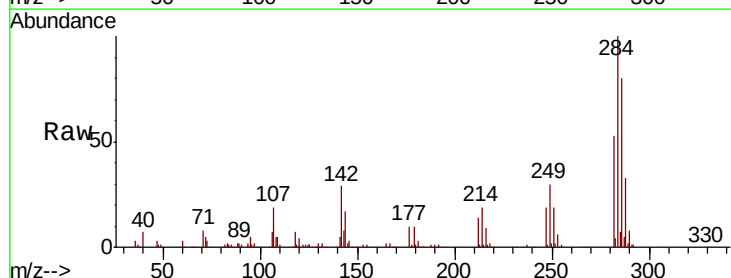
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 44.168 ng  
RT: 10.86 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.1  | 23.7  | 35.5  |
| 249     | 30.3  | 25.0  | 37.6  |

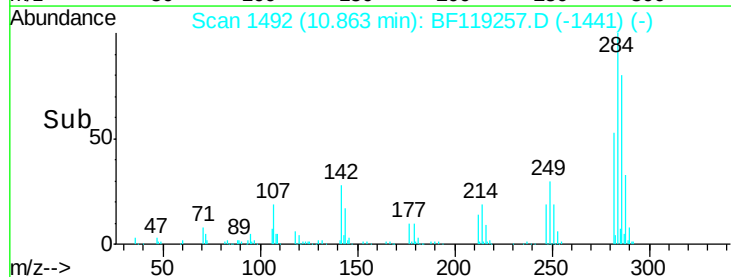
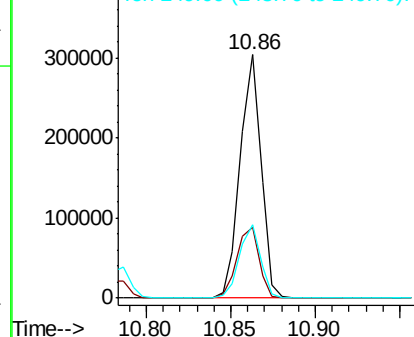


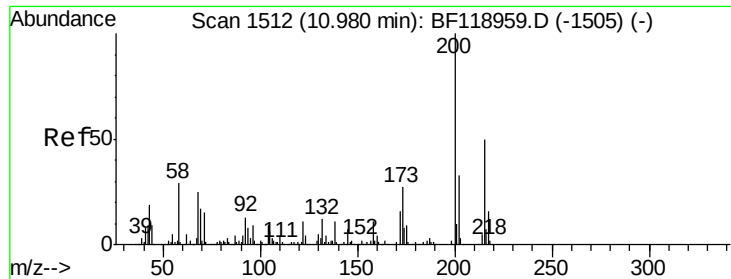
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





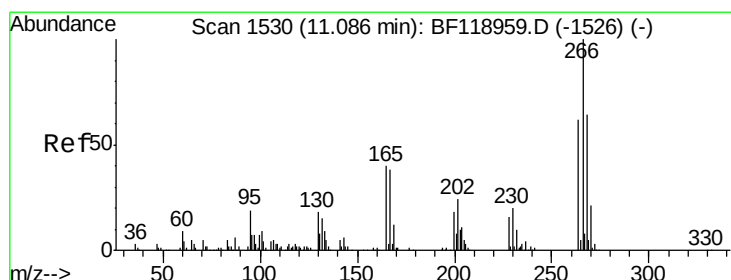
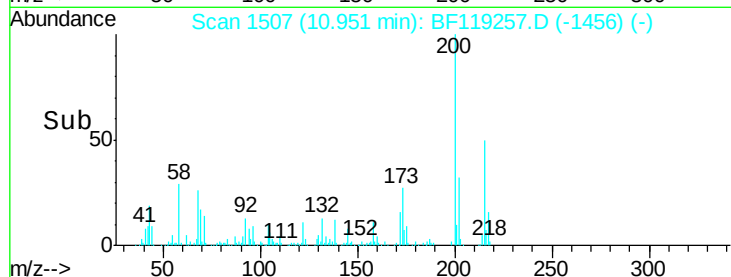
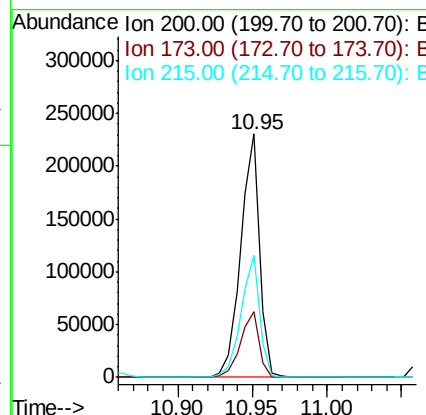
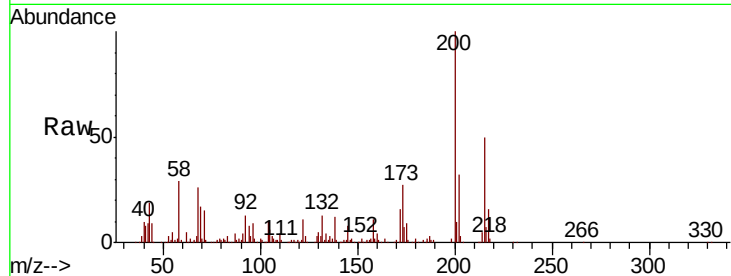
#69  
Atrazine  
Concen: 45.361 ng  
RT: 10.95 min Scan# 1507  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.9  | 6.4   | 46.4  |
| 215     | 50.0  | 27.4  | 67.4  |

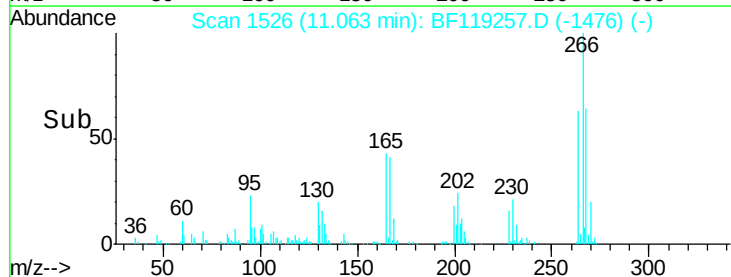
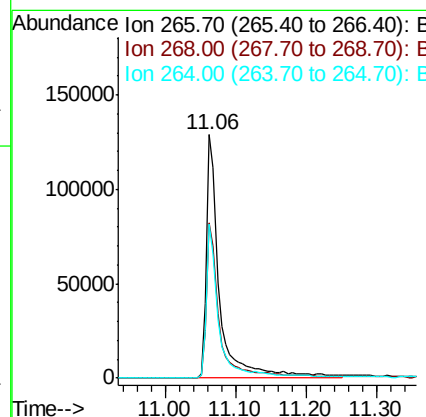
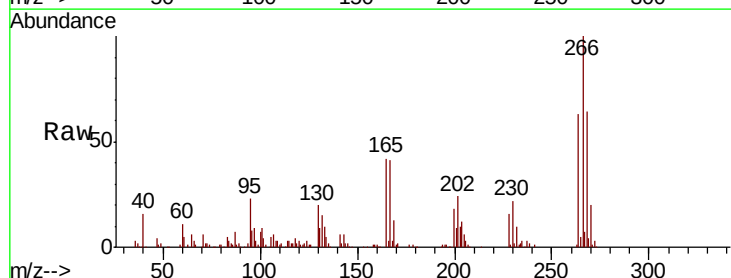
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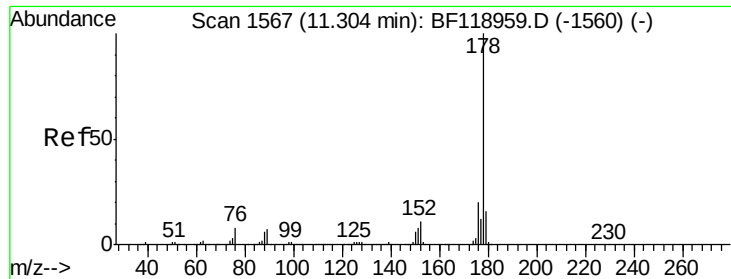
mohammad  
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#70  
Pentachlorophenol  
Concen: 71.600 ng  
RT: 11.06 min Scan# 1526  
Delta R.T. -0.01 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.8  | 51.9  | 77.9  |
| 264     | 63.4  | 51.0  | 76.4  |





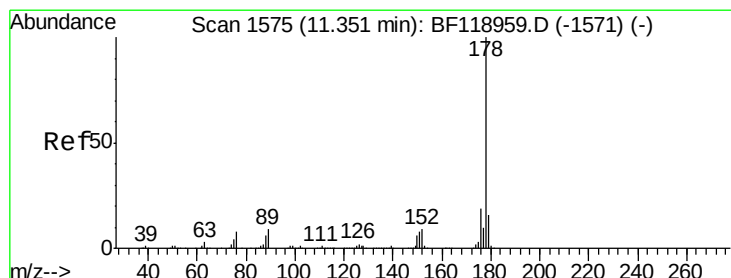
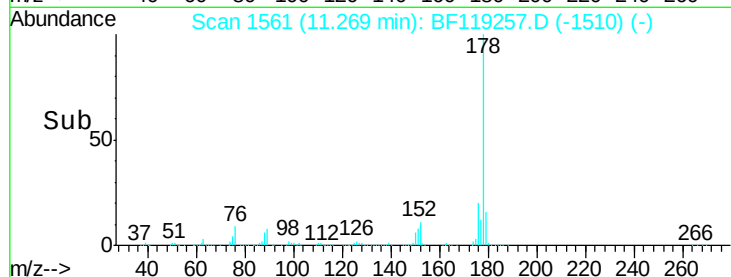
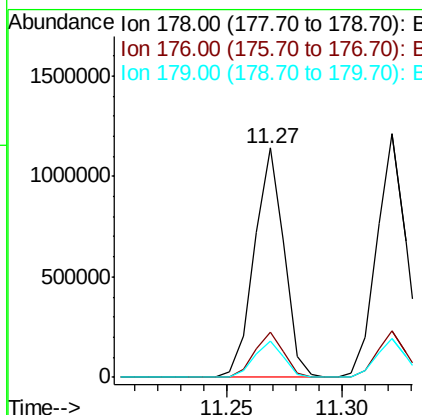
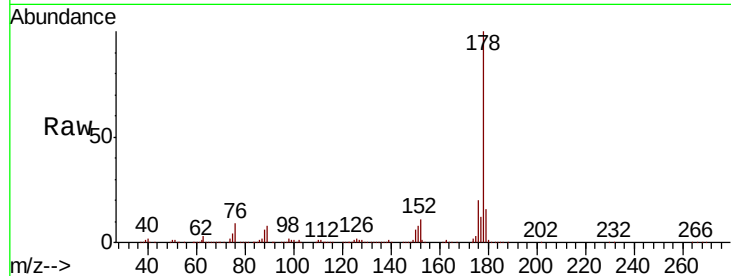
#71  
Phenanthrene  
Concen: 47.566 ng  
RT: 11.27 min Scan# 1561  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

Tot Ion:178 Resp: 1026048  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.5 24.7  
179 15.7 13.0 19.6

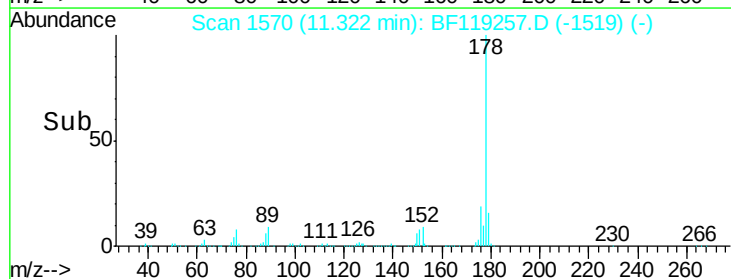
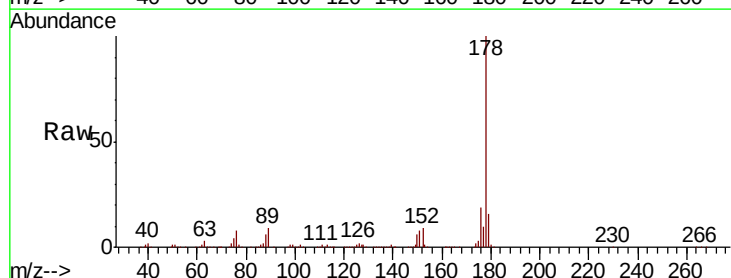
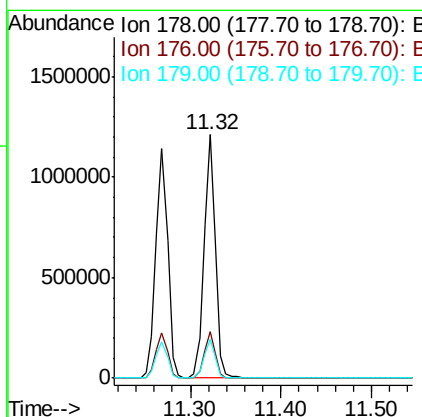
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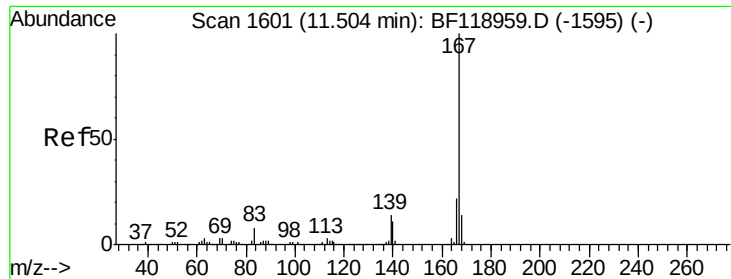


#72  
Anthracene  
Concen: 49.888 ng  
RT: 11.32 min Scan# 1570  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Tgt Ion:178 Resp: 1075231  
Ion Ratio Lower Upper  
178 100  
176 19.1 16.0 24.0  
179 15.8 13.1 19.7







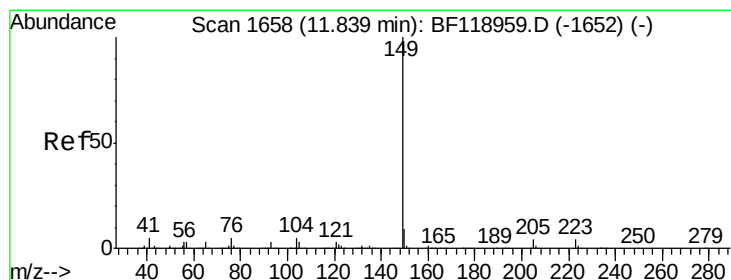
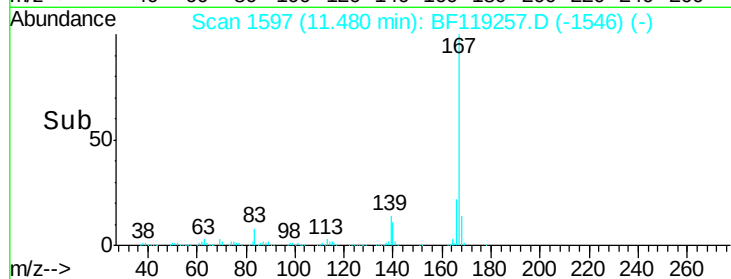
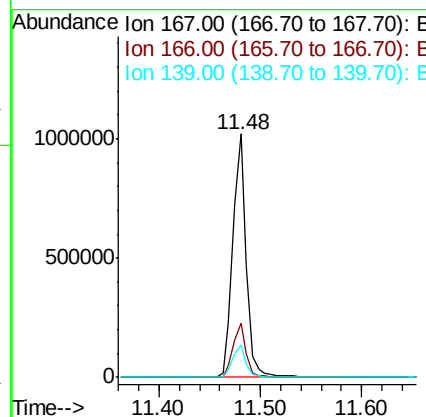
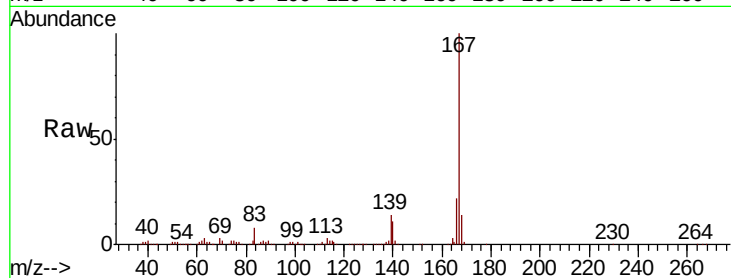
#73  
 Carbazole  
 Concen: 48.851 ng  
 RT: 11.48 min Scan# 1597  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.3  | 18.2  | 27.4  |
| 139     | 13.5  | 11.7  | 17.5  |

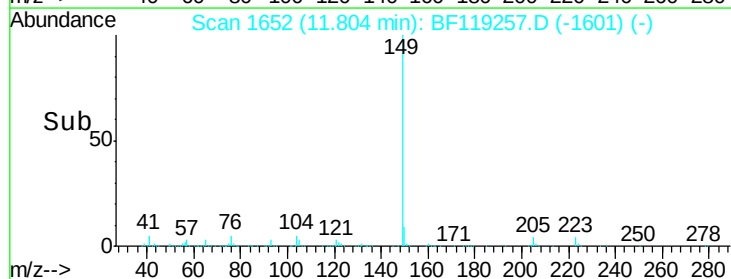
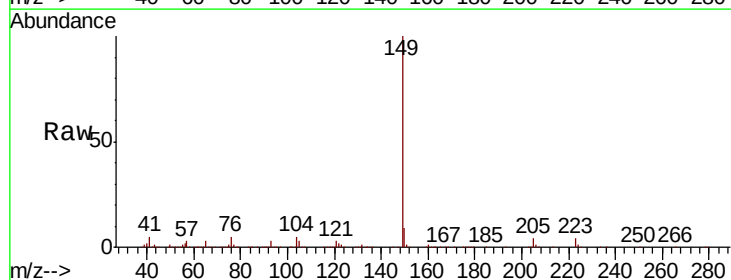
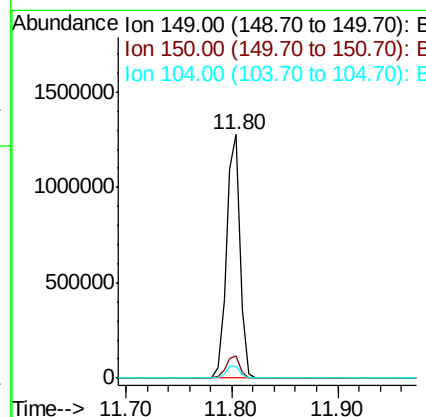
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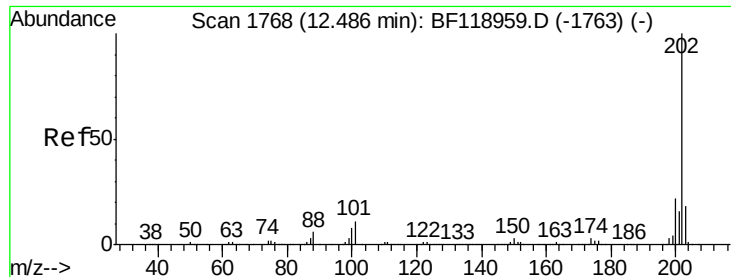
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#74  
 Di-n-butylphthalate  
 Concen: 49.181 ng  
 RT: 11.80 min Scan# 1652  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 7.9   | 11.9  |
| 104     | 5.0   | 4.6   | 6.8   |





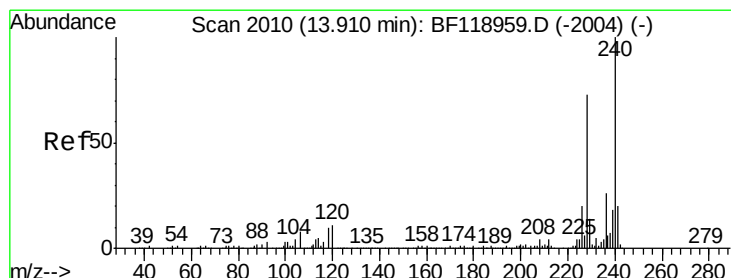
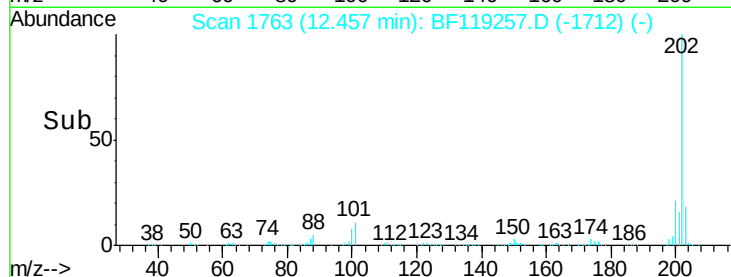
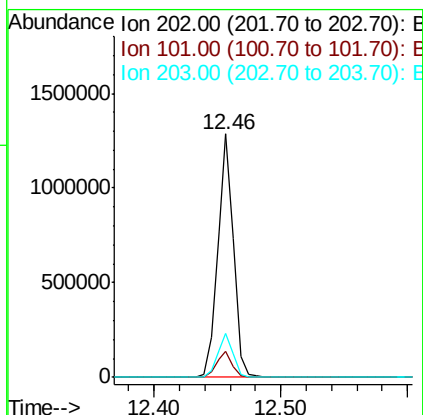
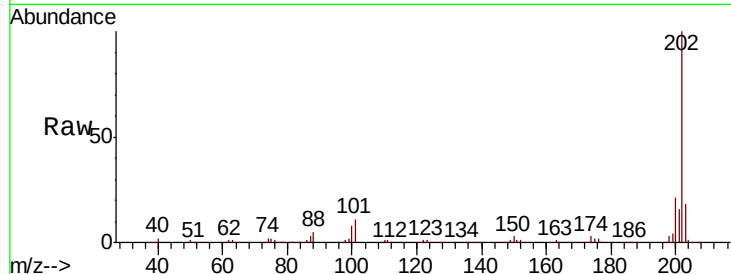
#75  
Fluoranthene  
Concen: 48.904 ng  
RT: 12.46 min Scan# 1763  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.8  | 0.0   | 30.3  |
| 203     | 18.0  | 0.0   | 38.4  |

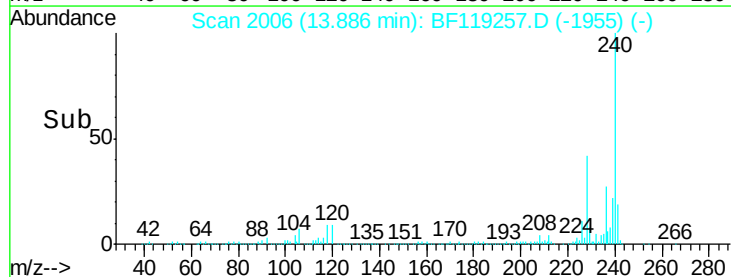
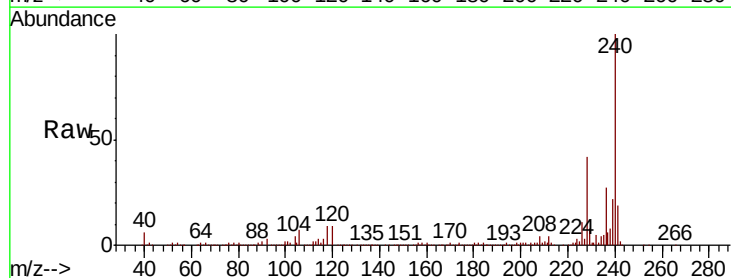
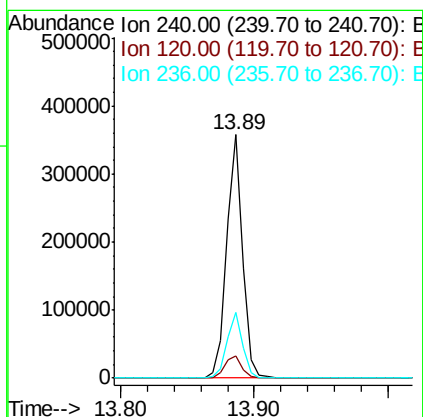
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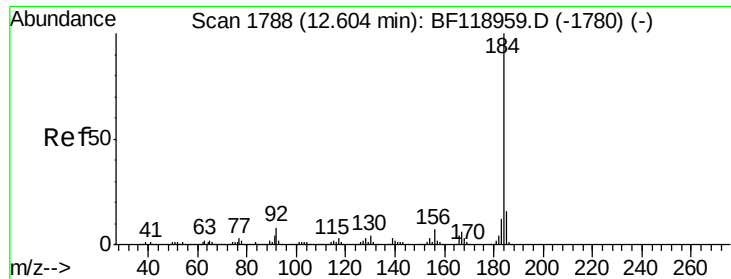
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.89 min Scan# 2006  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.2   | 8.4   | 12.6  |
| 236     | 26.9  | 21.0  | 31.4  |





#77

Benzidine

Concen: 42.901 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA\_F

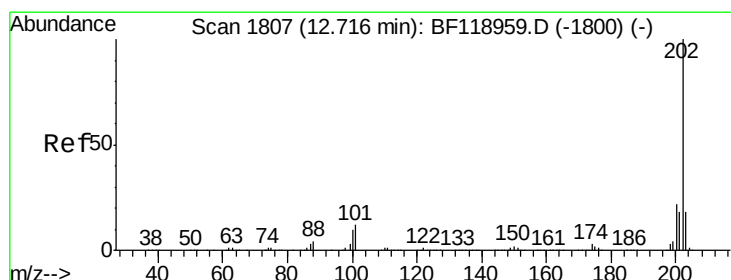
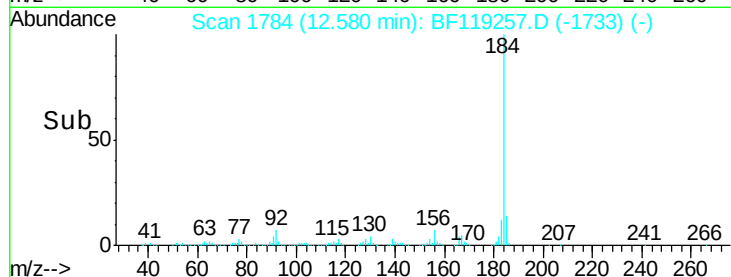
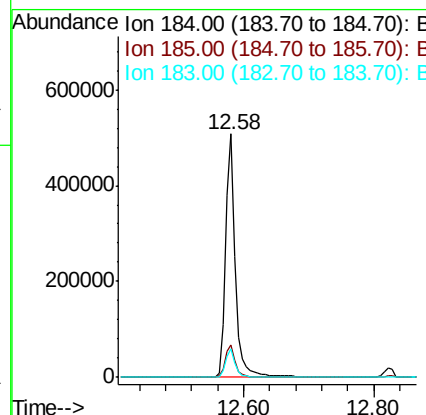
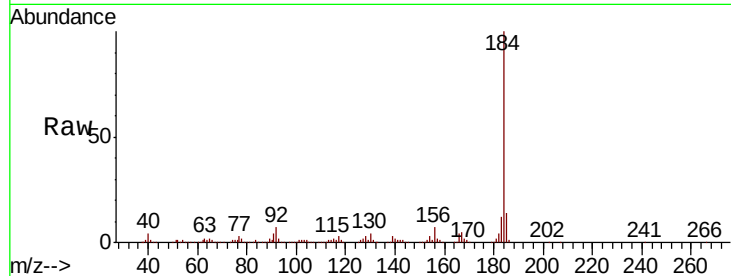
ClientSampleId :

GP-10-030220MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 525177 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.6  | 12.2  | 18.4   |
| 183       | 11.9  | 9.9   | 14.9   |

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#78

Pyrene

Concen: 46.966 ng

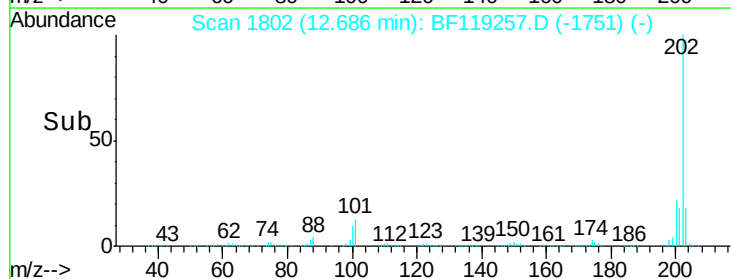
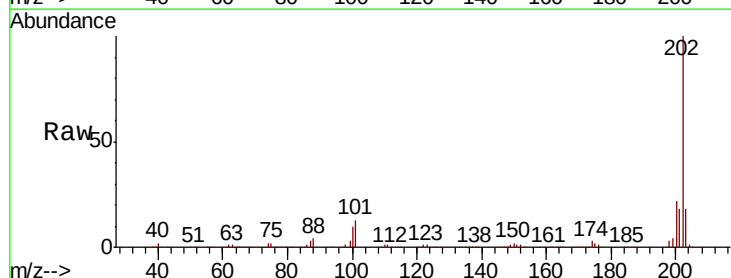
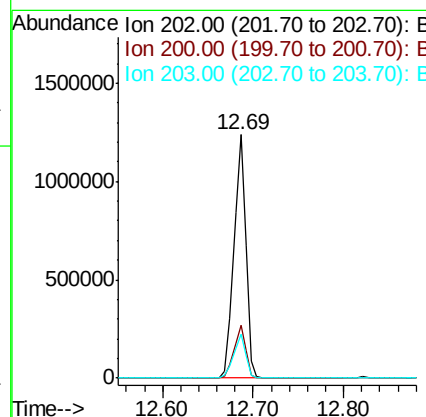
RT: 12.69 min Scan# 1802

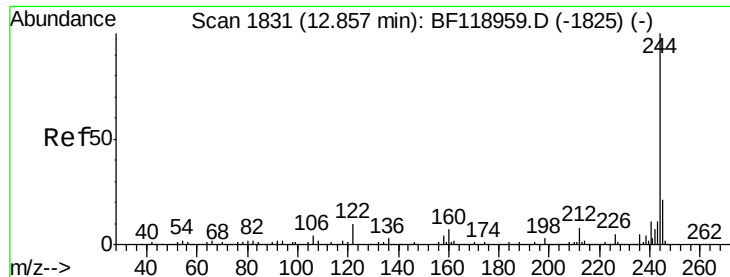
Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1135179 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.8  | 18.0  | 27.0    |
| 203       | 17.9  | 14.6  | 22.0    |





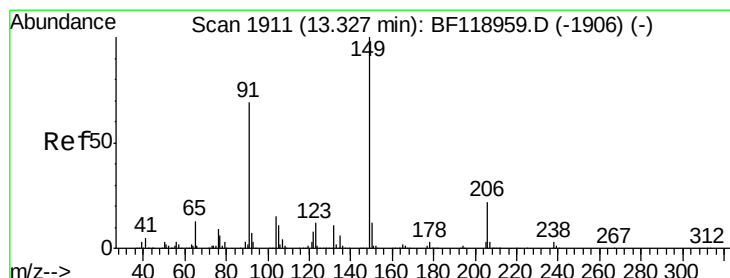
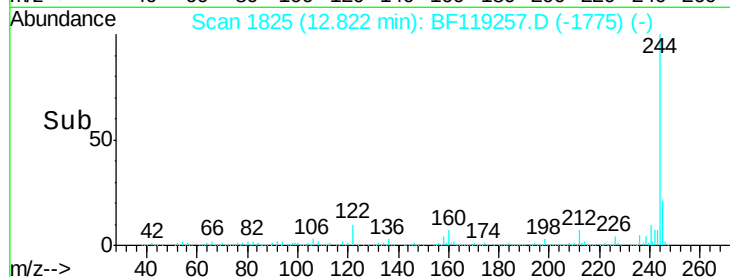
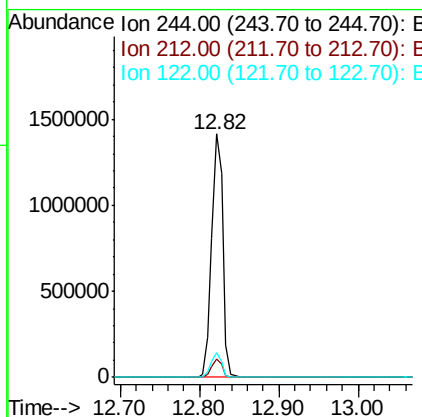
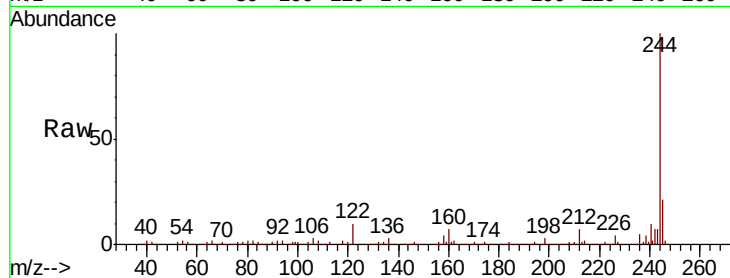
#79  
 Terphenyl-d14  
 Concen: 78.612 ng  
 RT: 12.82 min Scan# 1825  
 Delta R.T. -0.01 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.5   | 6.6   | 10.0  |
| 122     | 10.3  | 8.2   | 12.2  |

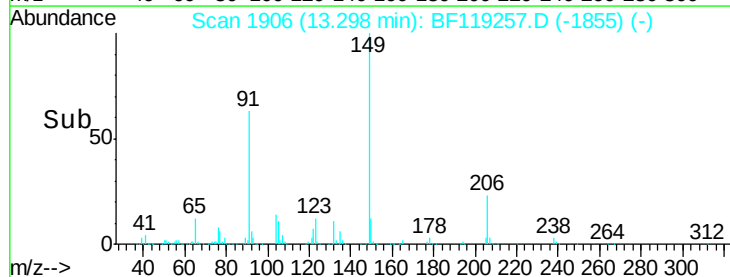
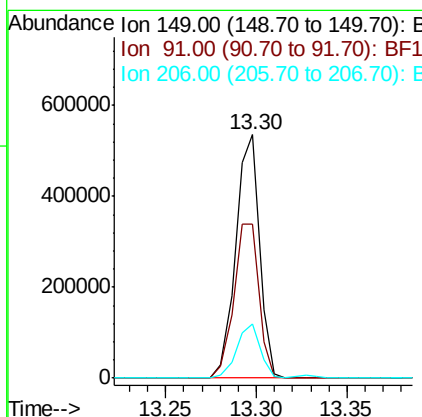
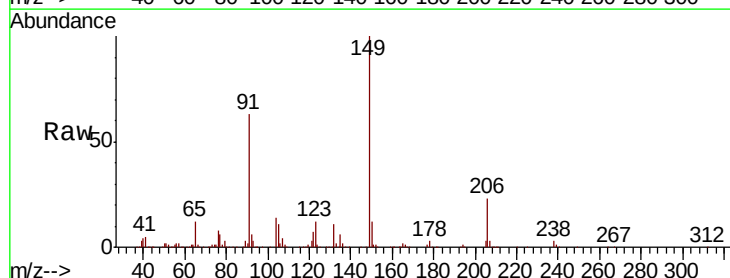
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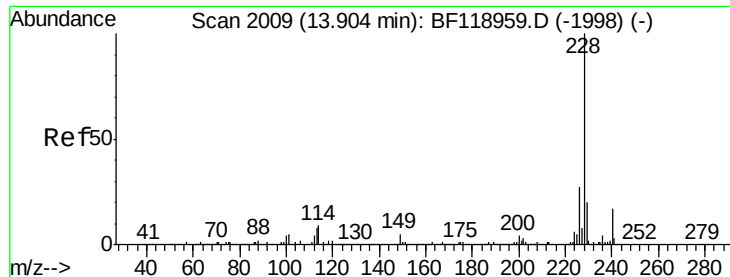
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#80  
 Butylbenzylphthalate  
 Concen: 48.257 ng  
 RT: 13.30 min Scan# 1906  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 63.4  | 52.3  | 78.5  |
| 206     | 22.5  | 18.5  | 27.7  |





#81

Benzo(a)anthracene

Concen: 48.268 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA\_F

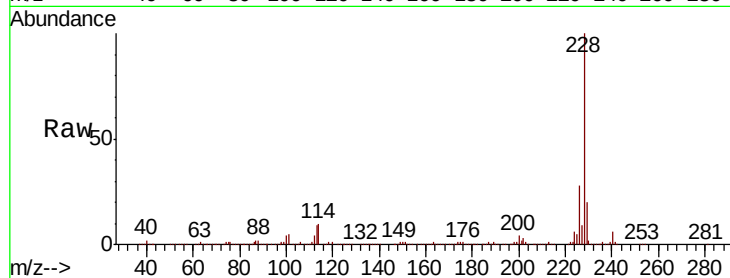
ClientSampleId :

GP-10-030220MSD

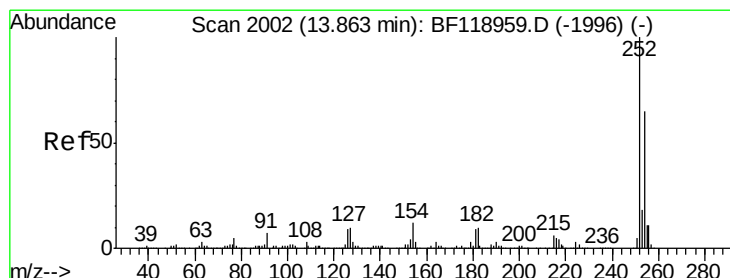
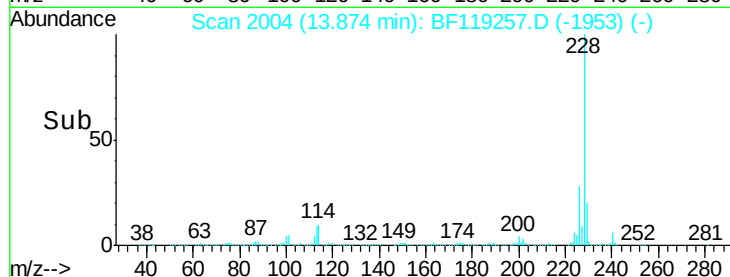
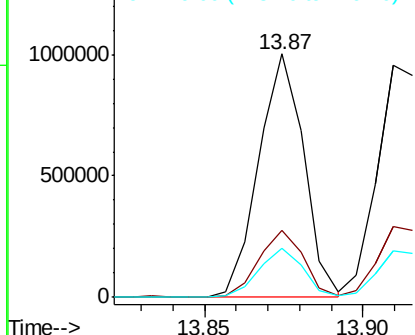
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 989943 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.7  | 22.6  | 33.8   |
| 229       | 20.0  | 16.6  | 24.8   |

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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



#82

3,3'-Dichlorobenzidine

Concen: 32.267 ng

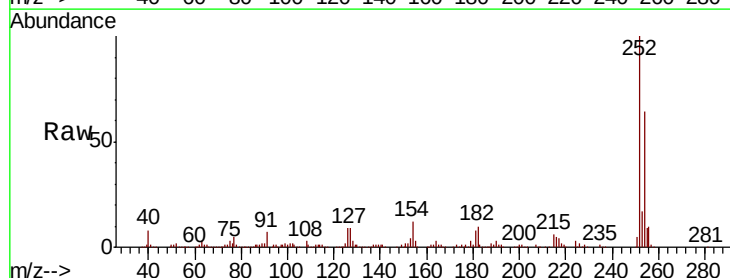
RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

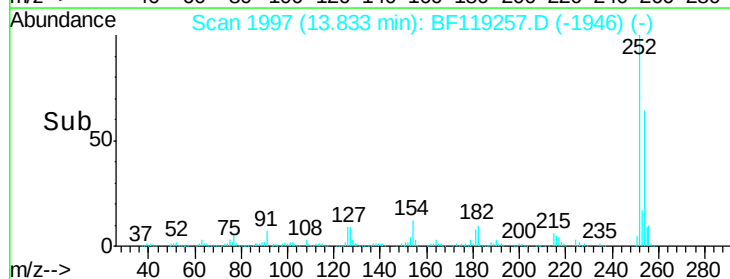
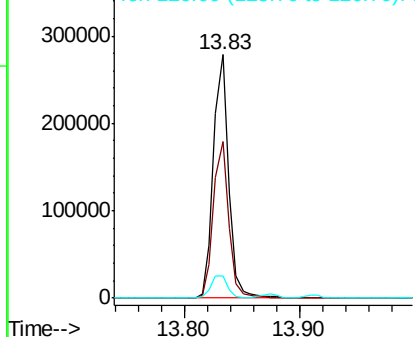
Lab File: BF119257.D

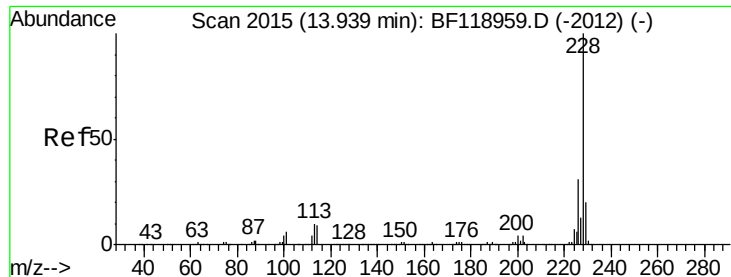
Acq: 6 Mar 2020 18:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 256973 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.4  | 51.6  | 77.4   |
| 126       | 9.1   | 7.4   | 11.0   |



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





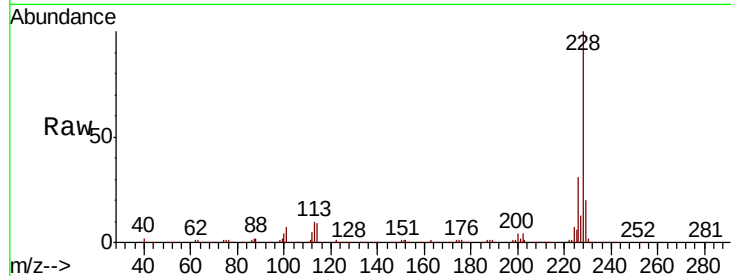
#83  
 Chrysene  
 Concen: 47.400 ng  
 RT: 13.91 min Scan# 2010  
 Delta R.T. -0.01 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GP-10-030220MSD

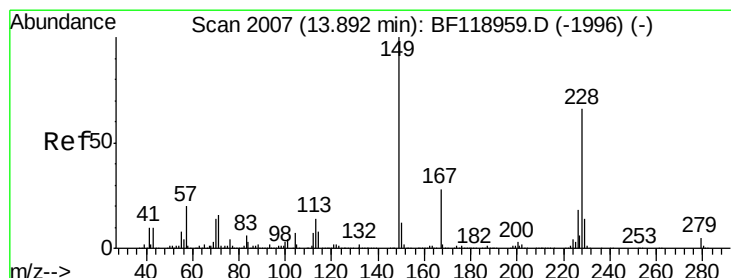
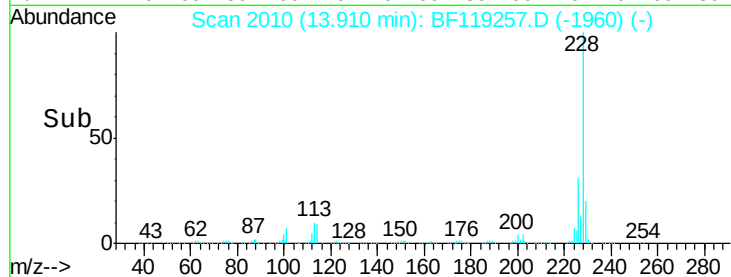
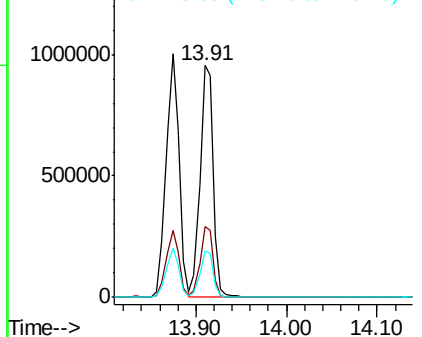
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.7  | 25.1  | 37.7  |
| 229     | 20.3  | 16.3  | 24.5  |

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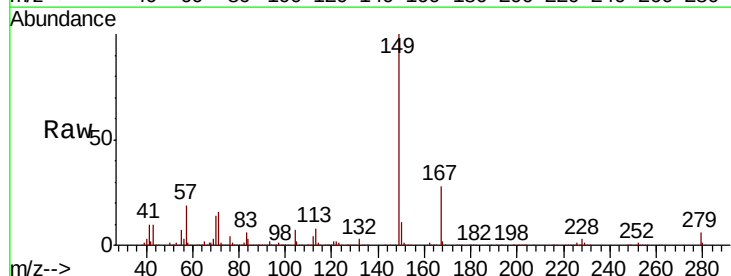


Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

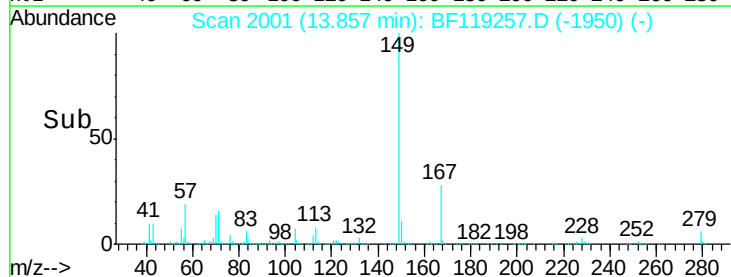
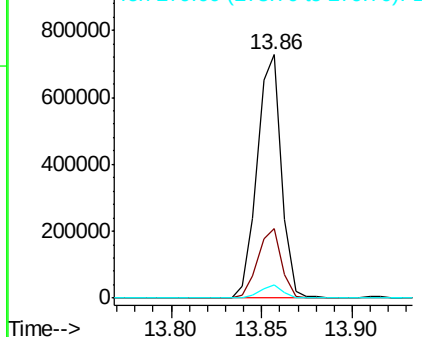


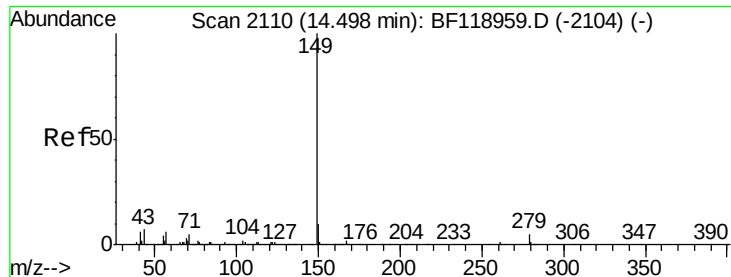
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 52.790 ng  
 RT: 13.86 min Scan# 2001  
 Delta R.T. 0.00 min  
 Lab File: BF119257.D  
 Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.3  | 22.8  | 34.2  |
| 279     | 5.6   | 4.6   | 6.8   |



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





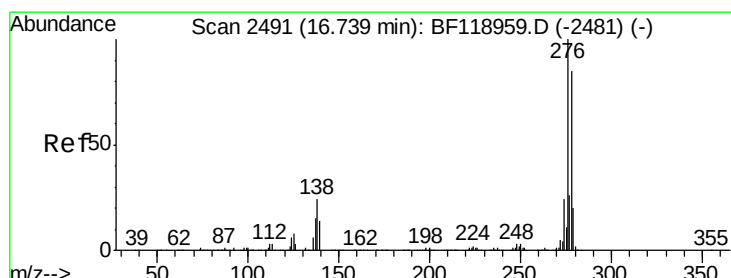
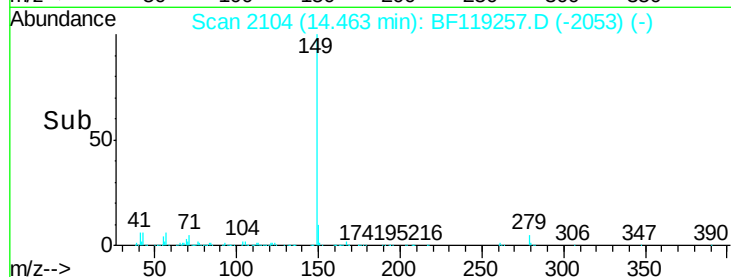
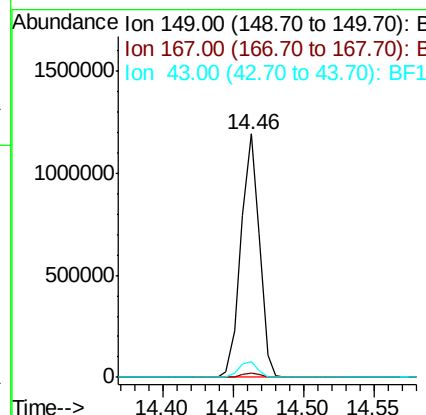
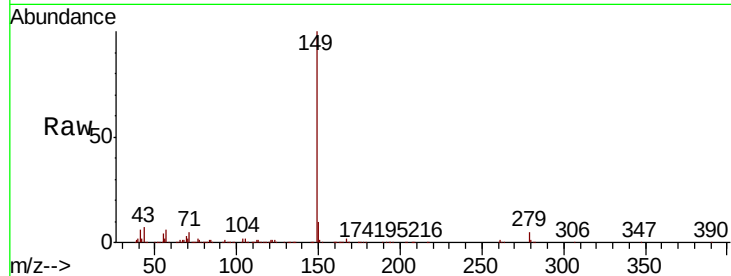
#85  
Di-n-octyl phthalate  
Concen: 53.096 ng  
RT: 14.46 min Scan# 2104  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 6.5   | 5.7   | 8.5   |

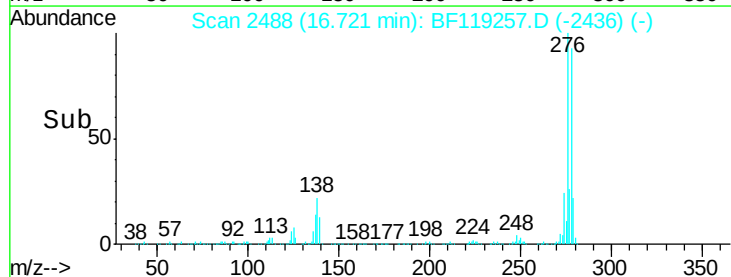
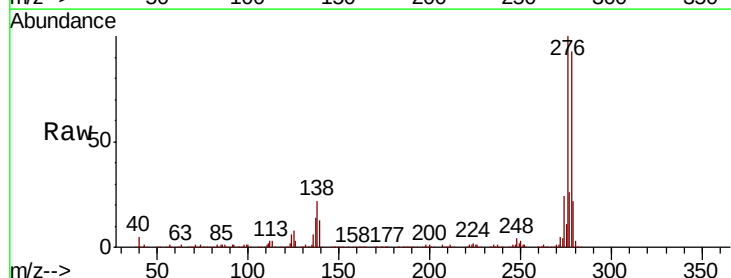
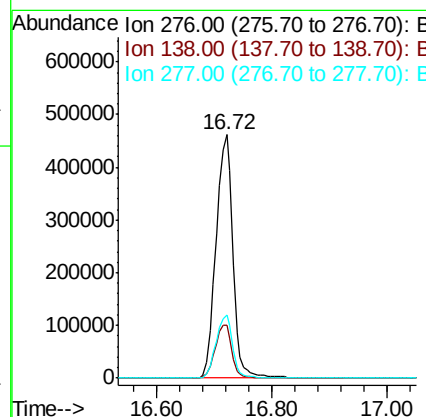
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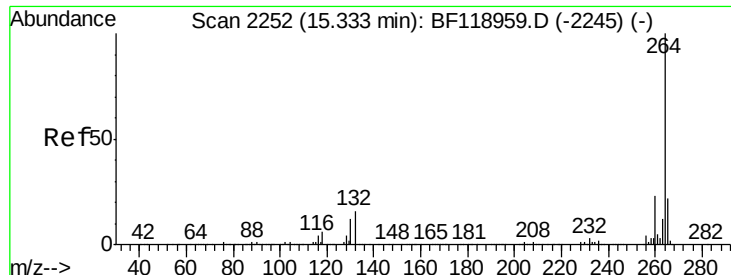
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 47.881 ng  
RT: 16.72 min Scan# 2488  
Delta R.T. 0.01 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.8  | 17.4  | 26.0  |
| 277     | 25.6  | 20.3  | 30.5  |





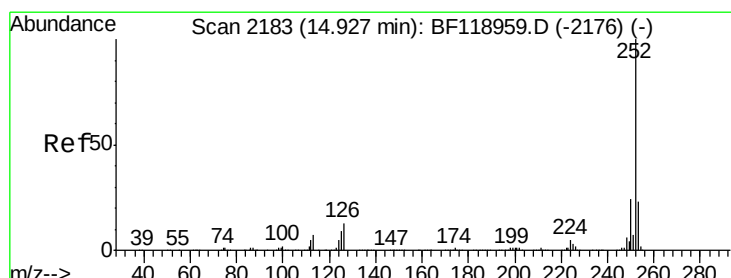
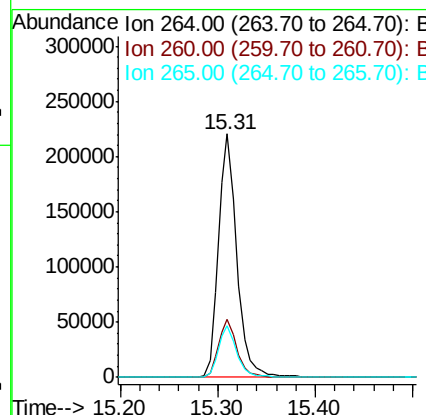
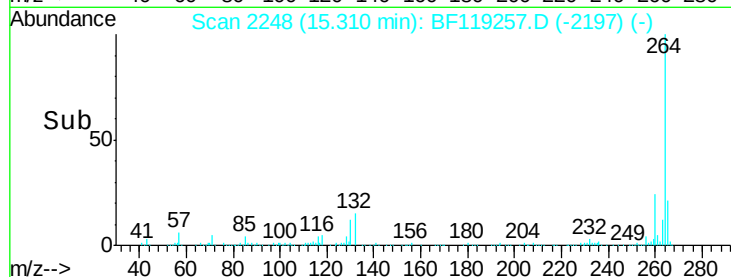
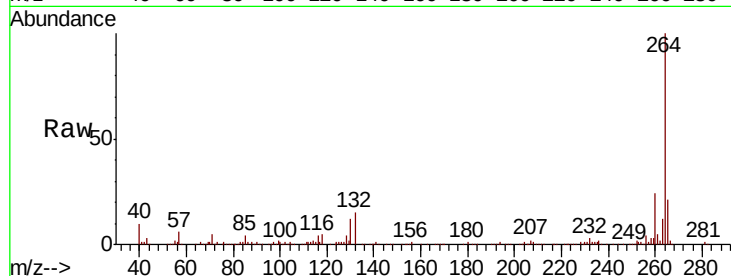
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.31 min Scan# 2248  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.4  | 29.2  |
| 265     | 20.9  | 17.7  | 26.5  |

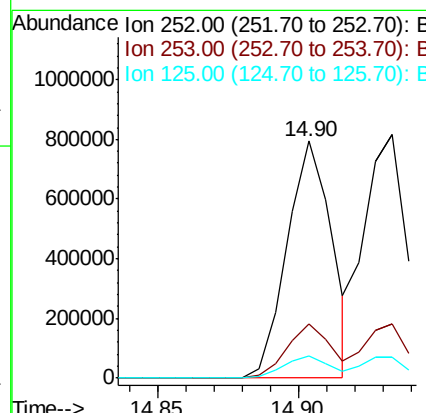
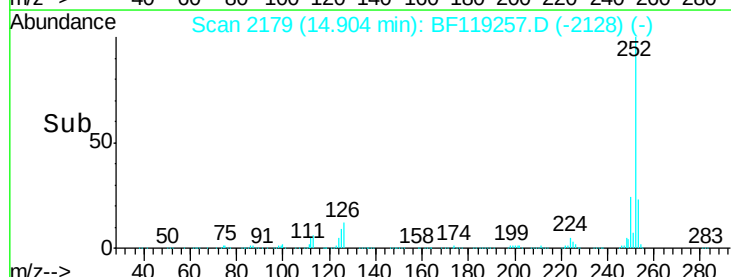
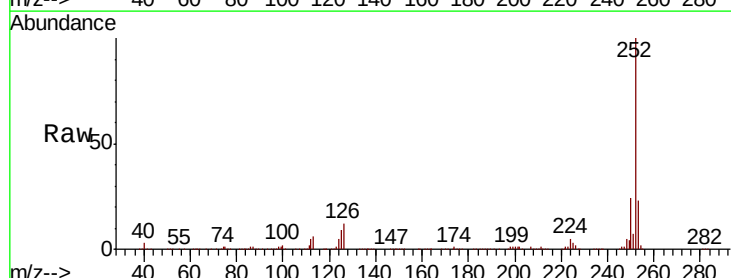
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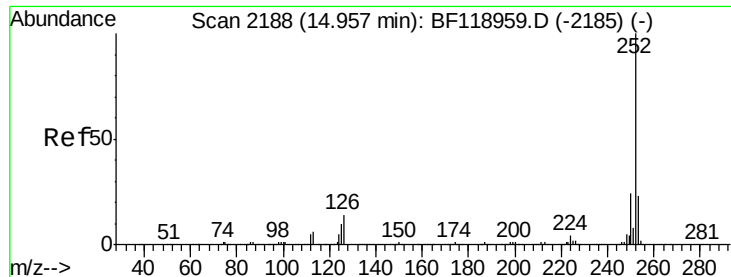


#88  
Benzo(b)fluoranthene  
Concen: 46.165 ng  
RT: 14.90 min Scan# 2179  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.1  | 27.1  |
| 125     | 9.2   | 7.4   | 11.0  |







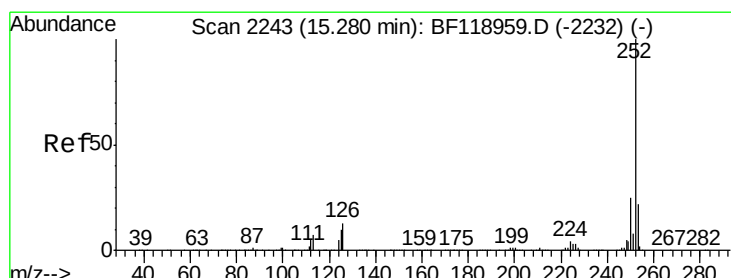
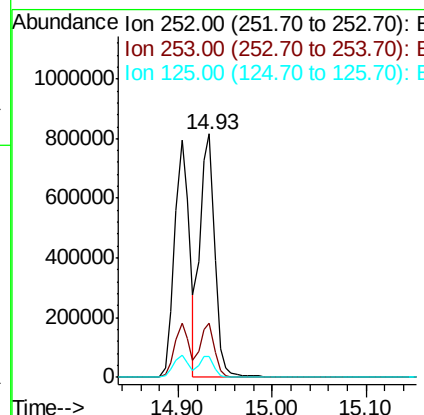
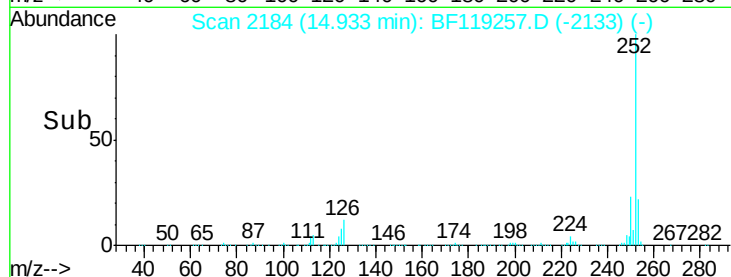
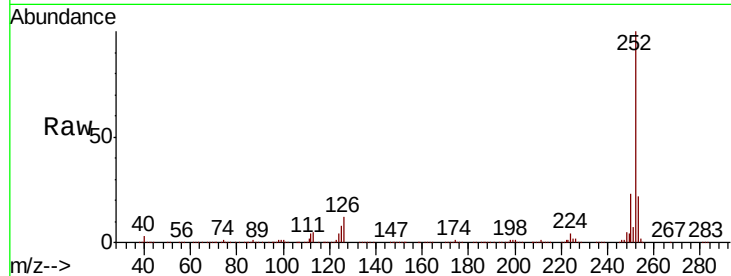
#89  
Benzo(k)fluoranthene  
Concen: 50.294 ng  
RT: 14.93 min Scan# 2184  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

Instrument :  
BNA\_F  
ClientSampleId :  
GP-10-030220MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.8  | 26.8  |
| 125     | 8.5   | 7.5   | 11.3  |

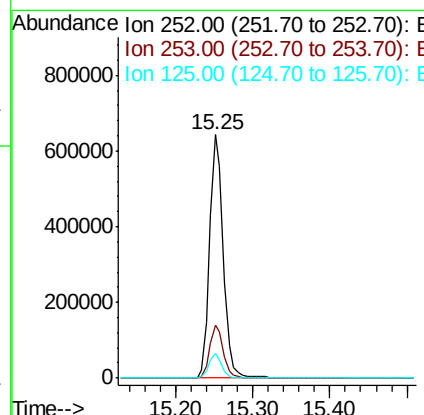
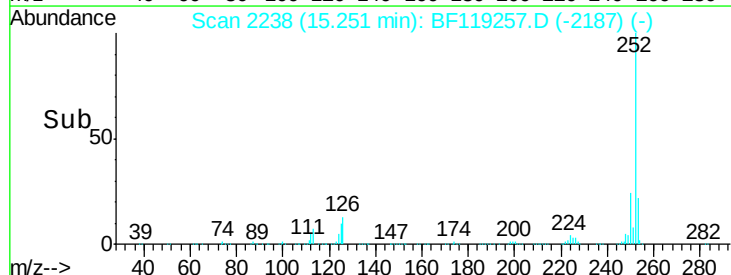
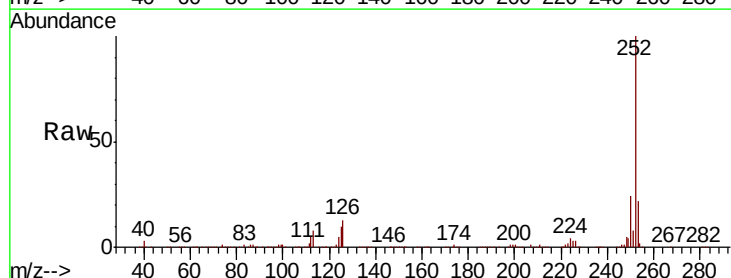
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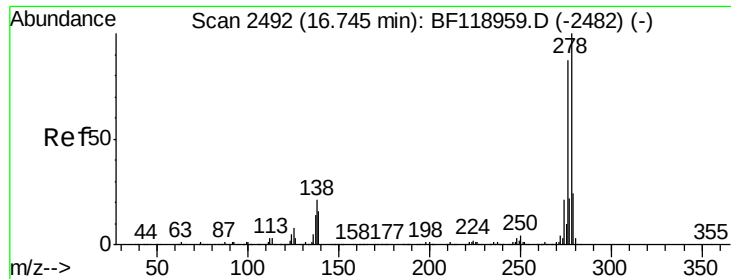
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#90  
Benzo(a)pyrene  
Concen: 45.775 ng  
RT: 15.25 min Scan# 2238  
Delta R.T. 0.00 min  
Lab File: BF119257.D  
Acq: 6 Mar 2020 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.0  | 27.0  |
| 125     | 10.3  | 8.6   | 12.8  |





#91

Dibenzo(a,h)anthracene

Concen: 52.669 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA\_F

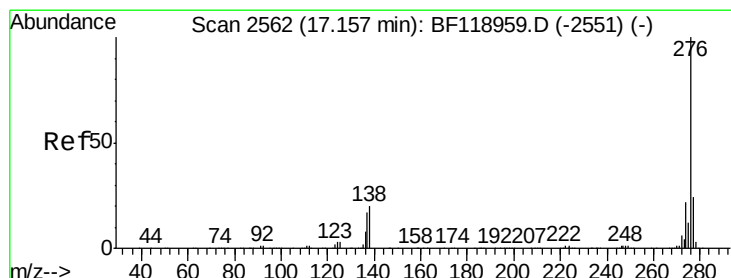
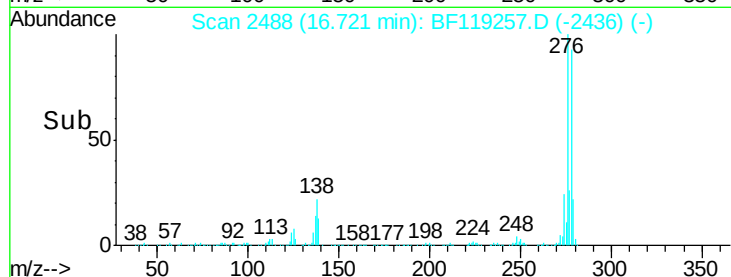
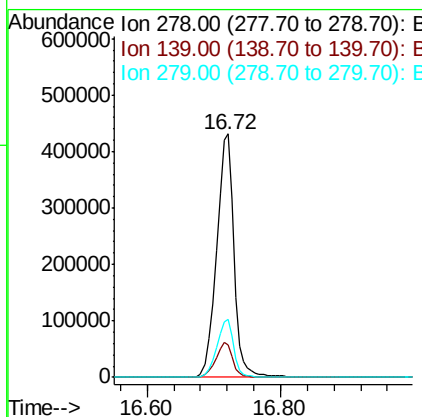
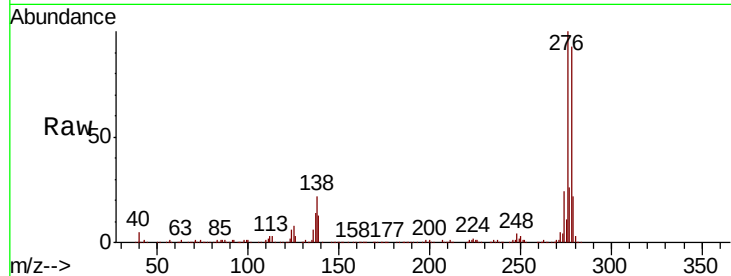
ClientSampleId :

GP-10-030220MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 793605 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 13.5  | 11.0  | 16.4   |
| 279       | 23.7  | 18.6  | 28.0   |

Manual Integrations  
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#92

Benzo(g,h,i)perylene

Concen: 54.557 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 812228 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.4  | 18.7  | 28.1   |
| 138       | 18.9  | 14.3  | 21.5   |

