

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\  
 Data File : BF120383.D  
 Acq On : 21 May 2020 16:14  
 Operator : MA/SJ  
 Sample : L2722-03MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-3MSD

Manual Integrations  
 APPROVED

mohammad  
 5/22/2020 2:55:52 PM

Quant Time: May 21 16:47:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 21 14:56:56 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.59  | 152  | 240454   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.87  | 136  | 817733   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.63  | 164  | 405391   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.11 | 188  | 759199   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.75 | 240  | 551270   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.13 | 264  | 503018   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.21  | 112 | 1273438 | 103.04 | ng | 0.02 |
| 7) Phenol-d6             | 6.25  | 99  | 1835305 | 117.44 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.16  | 82  | 1120604 | 93.83  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.42 | 330 | 356307  | 107.80 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 8.96  | 172 | 1951492 | 98.90  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.70 | 244 | 2018305 | 80.88  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.27 | 88  | 262017  | 53.299 | ng | 98     |
| 3) Pyridine                    | 2.92 | 79  | 581700  | 37.642 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 2.88 | 42  | 306226  | 50.608 | ng | 93     |
| 6) Aniline                     | 6.26 | 93  | 573509  | 28.695 | ng | # 69   |
| 8) 2-Chlorophenol              | 6.38 | 128 | 726181  | 50.397 | ng | 96     |
| 9) Benzaldehyde                | 6.14 | 77  | 442999  | 45.982 | ng | 95     |
| 10) Phenol                     | 6.26 | 94  | 932417  | 51.110 | ng | 79     |
| 11) bis(2-Chloroethyl)ether    | 6.33 | 93  | 664431  | 45.594 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.53 | 146 | 733089  | 47.546 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.60 | 146 | 765375  | 48.196 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.76 | 146 | 684549  | 47.869 | ng | 99     |
| 15) Benzyl Alcohol             | 6.75 | 79  | 562869  | 50.697 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.87 | 45  | 1078534 | 46.963 | ng | 74     |
| 17) 2-Methylphenol             | 6.87 | 107 | 582727  | 47.906 | ng | 95     |
| 18) Hexachloroethane           | 7.10 | 117 | 246212  | 40.698 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.02 | 70  | 429857  | 41.985 | ng | 93     |
| 20) 3+4-Methylphenols          | 7.03 | 107 | 649780  | 41.086 | ng | 97     |
| 22) Acetophenone               | 7.01 | 105 | 857637  | 51.195 | ng | 97     |
| 24) Nitrobenzene               | 7.18 | 77  | 691740  | 53.816 | ng | 98     |
| 25) Isophorone                 | 7.42 | 82  | 1219981 | 49.092 | ng | 99     |
| 26) 2-Nitrophenol              | 7.50 | 139 | 355733  | 52.917 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.55 | 122 | 556898  | 56.948 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.63 | 93  | 772341  | 49.446 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.75 | 162 | 507316  | 50.512 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 7.82 | 180 | 551819  | 49.580 | ng | 98     |
| 31) Naphthalene                | 7.90 | 128 | 1771286 | 51.324 | ng | 99     |
| 32) Benzoic acid               | 7.72 | 122 | 287520  | 44.855 | ng | 97     |
| 33) 4-Chloroaniline            | 7.96 | 127 | 316911  | 20.149 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.02 | 225 | 296273  | 46.055 | ng | 97     |
| 35) Caprolactam                | 8.34 | 113 | 159443m | 48.525 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.46 | 107 | 550276  | 50.647 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.59 | 142 | 1177901 | 49.874 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.69 | 142 | 1133914 | 49.502 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.76 | 216 | 523899  | 51.252 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\  
 Data File : BF120383.D  
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 Operator : MA/SJ  
 Sample : L2722-03MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 COMP-3MSD

Manual Integrations  
 APPROVED

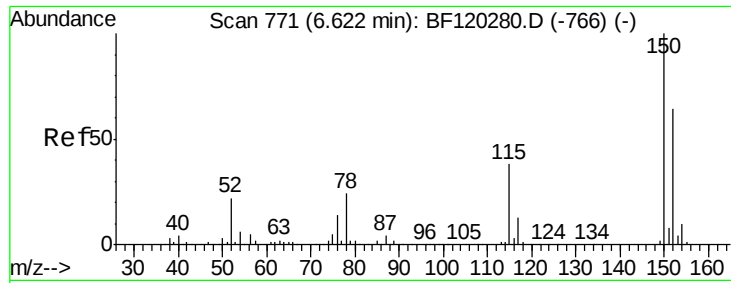
mohammad  
 5/22/2020 2:55:52 PM

Quant Time: May 21 16:47:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 21 14:56:56 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.74  | 237  | 370910   | 87.303 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 8.88  | 196  | 329942   | 48.086 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 8.93  | 196  | 356248   | 45.210 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 9.06  | 154  | 1419842  | 53.454 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.08  | 162  | 1062834  | 49.883 | nq    | 97       |
| 48) 2-Nitroaniline             | 9.19  | 65   | 389206   | 50.066 | nq    | 98       |
| 49) Acenaphthylene             | 9.49  | 152  | 1703177  | 52.331 | nq    | 99       |
| 50) Dimethylphthalate          | 9.37  | 163  | 1467020  | 57.246 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.43  | 165  | 277240   | 48.472 | nq    | 98       |
| 52) Acenaphthene               | 9.66  | 154  | 992322   | 50.866 | nq    | 100      |
| 53) 3-Nitroaniline             | 9.60  | 138  | 155933   | 22.862 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 9.72  | 184  | 248081   | 91.888 | nq    | 96       |
| 55) Dibenzofuran               | 9.84  | 168  | 1439372  | 51.235 | nq    | 99       |
| 56) 4-Nitrophenol              | 9.79  | 139  | 305087   | 83.245 | nq    | 85       |
| 57) 2,4-Dinitrotoluene         | 9.84  | 165  | 330558   | 49.268 | nq    | 97       |
| 58) Fluorene                   | 10.18 | 166  | 1127219  | 52.685 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 9.96  | 232  | 299390   | 50.486 | nq    | 99       |
| 60) Diethylphthalate           | 10.06 | 149  | 1193975  | 48.260 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.17 | 204  | 534183   | 48.021 | nq    | 94       |
| 62) 4-Nitroaniline             | 10.22 | 138  | 292840   | 46.107 | nq    | 97       |
| 63) Azobenzene                 | 10.33 | 77   | 1197293  | 51.204 | nq    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 10.25 | 198  | 194775   | 50.729 | nq    | 88       |
| 66) n-Nitrosodiphenylamine     | 10.30 | 169  | 1040574  | 49.542 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.66 | 248  | 333712   | 45.298 | nq    | 97       |
| 68) Hexachlorobenzene          | 10.72 | 284  | 360575   | 46.784 | nq    | 97       |
| 69) Atrazine                   | 10.83 | 200  | 281849   | 44.845 | nq    | 99       |
| 70) Pentachlorophenol          | 10.93 | 266  | 286577   | 87.425 | nq    | 99       |
| 71) Phenanthrene               | 11.14 | 178  | 1635020  | 51.252 | nq    | 99       |
| 72) Anthracene                 | 11.19 | 178  | 1785422  | 52.279 | nq    | 99       |
| 73) Carbazole                  | 11.35 | 167  | 1631320  | 51.123 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.68 | 149  | 1875082  | 48.757 | nq    | 99       |
| 75) Fluoranthene               | 12.32 | 202  | 1814316  | 53.061 | nq    | 99       |
| 77) Benzidine                  | 12.45 | 184  | 811283   | 50.396 | nq    | 96       |
| 78) Pyrene                     | 12.55 | 202  | 1840610  | 46.835 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.17 | 149  | 771940   | 41.713 | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.74 | 228  | 1436693  | 49.412 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.70 | 252  | 361463   | 32.989 | nq    | 98       |
| 83) Chrysene                   | 13.77 | 228  | 1546223  | 49.524 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.74 | 149  | 1001416  | 43.494 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.35 | 149  | 1858588  | 44.872 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.44 | 276  | 1136740  | 40.115 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.75 | 252  | 1262963  | 45.974 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 14.78 | 252  | 1326033  | 55.715 | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.08 | 252  | 1193146  | 48.430 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.45 | 278  | 935017   | 42.840 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.83 | 276  | 950745   | 43.198 | nq    | 97       |

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





#1

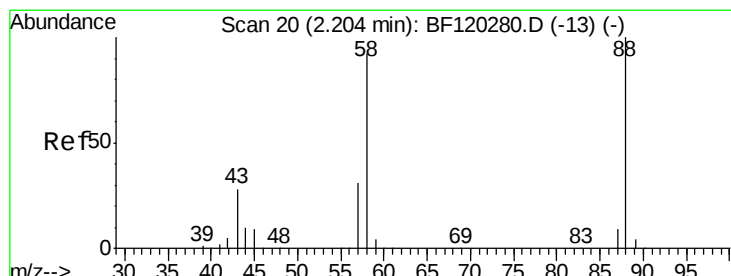
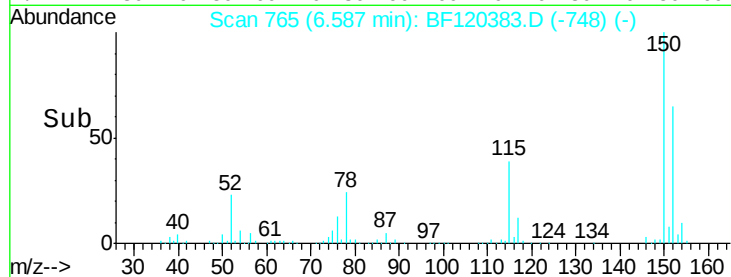
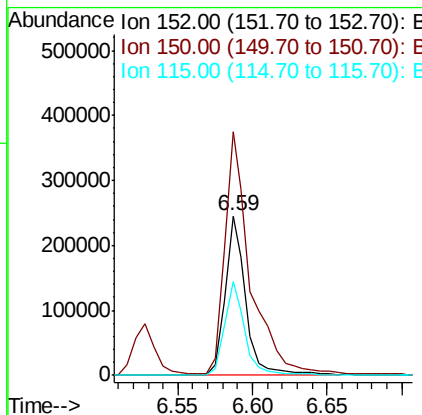
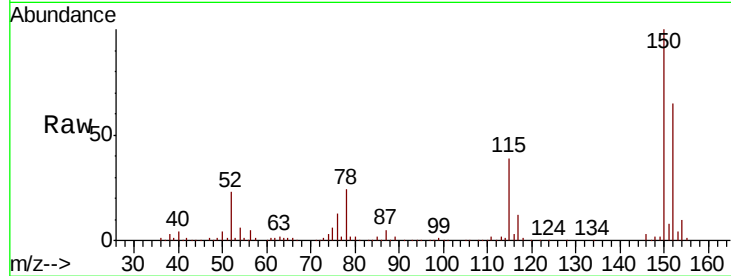
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.59 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.0 | 126.2 | 189.2 |
| 115     | 59.0  | 47.9  | 71.9  |

Manual Integrations  
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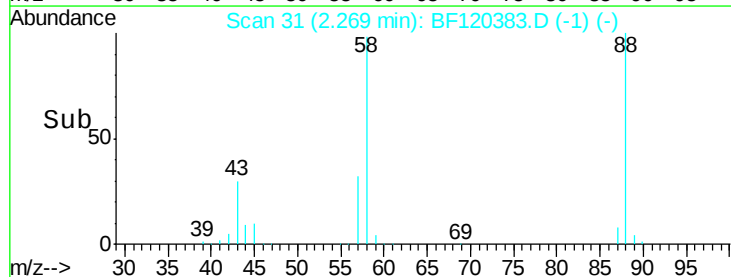
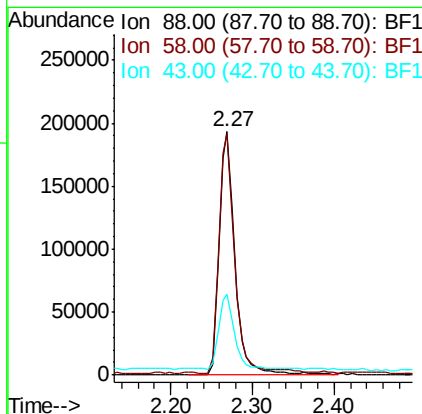
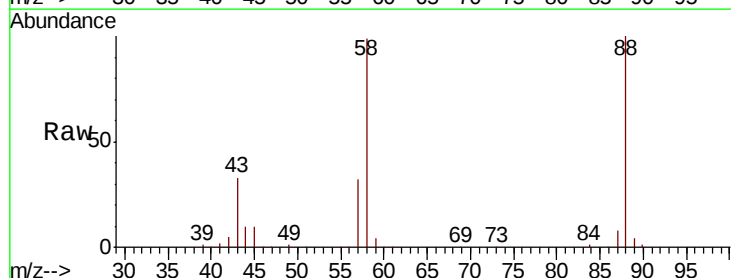
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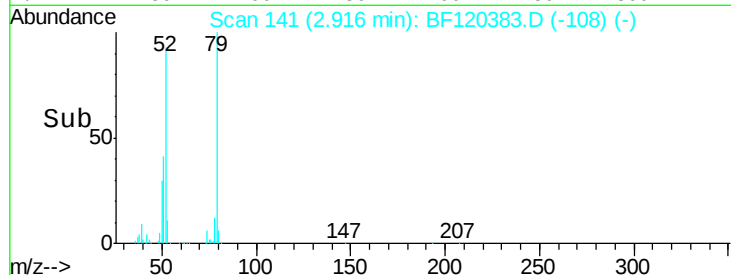
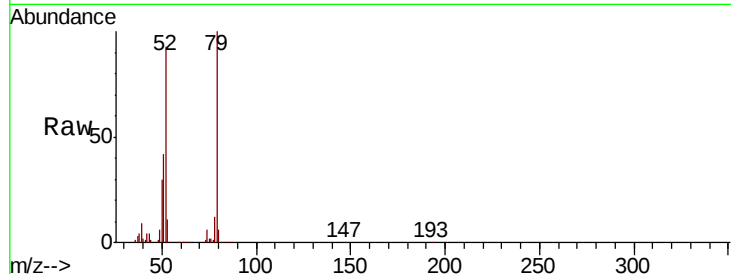
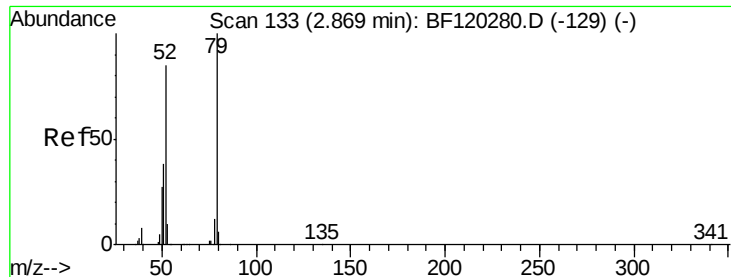


#2

1,4-Dioxane  
Concen: 53.299 ng  
RT: 2.27 min Scan# 31  
Delta R.T. 0.10 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 97.2  | 75.8  | 113.6 |
| 43      | 29.7  | 23.6  | 35.4  |





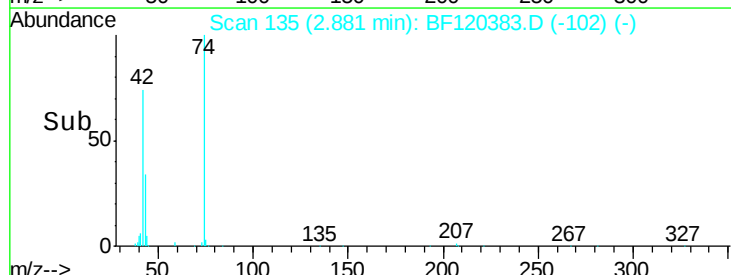
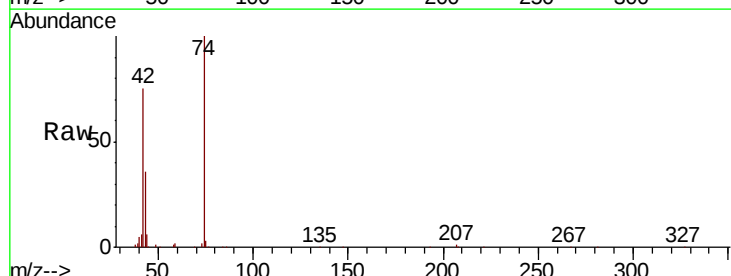
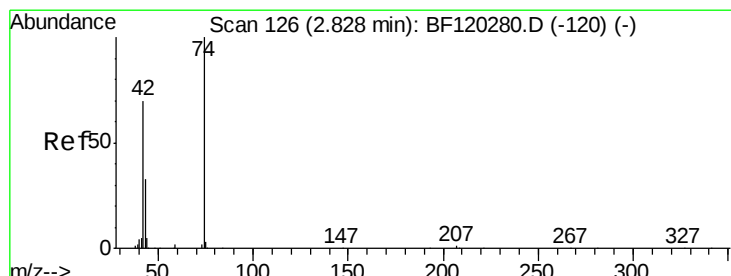
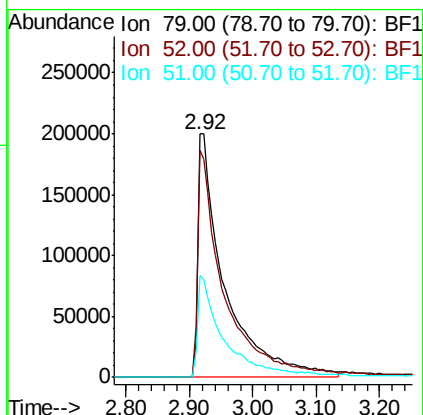
#3  
Pvridine  
Concen: 37.642 ng  
RT: 2.92 min Scan# 141  
Delta R.T. 0.09 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 93.3  | 68.4  | 102.6 |
| 51      | 41.5  | 31.0  | 46.4  |

Instrument :  
BNA\_F  
ClientSampled :  
COMP-3MSD

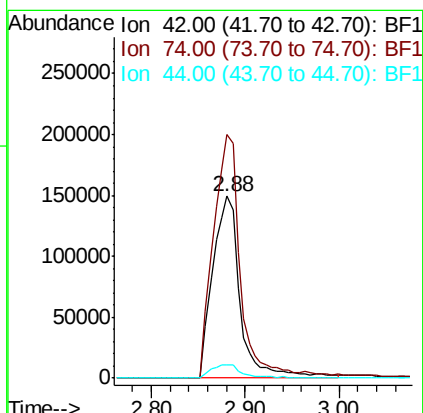
Manual Integrations  
APPROVED

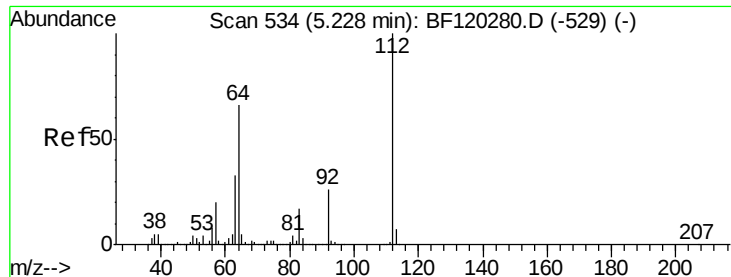
mohammad  
5/22/2020 2:55:52 PM



#4  
n-Nitrosodimethylamine  
Concen: 50.608 ng  
RT: 2.88 min Scan# 135  
Delta R.T. 0.09 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 134.0 | 114.8 | 172.2 |
| 44      | 7.5   | 5.6   | 8.4   |





#5

2-Fluorophenol

Concen: 103.044 ng

RT: 5.21 min Scan# 531

Delta R.T. 0.02 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Instrument :

BNA\_F

ClientSampleId :

COMP-3MSD

Tot Ion:112 Resp: 1273438

Ion Ratio Lower Upper

112 100

64 67.0 52.7 79.1

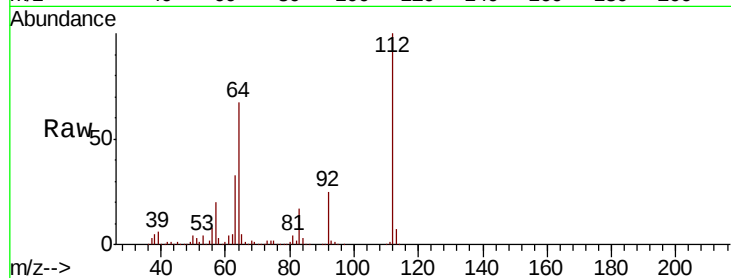
63 33.3 26.2 39.4

Manual Integrations

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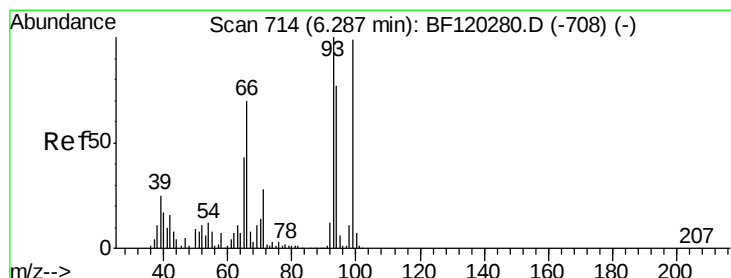
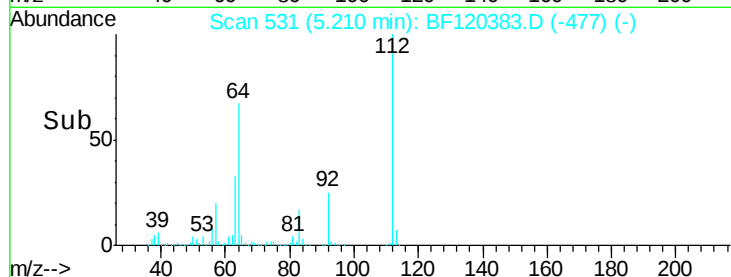
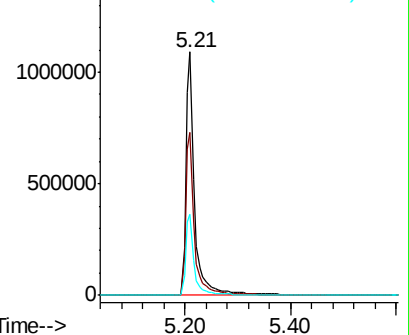
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.695 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

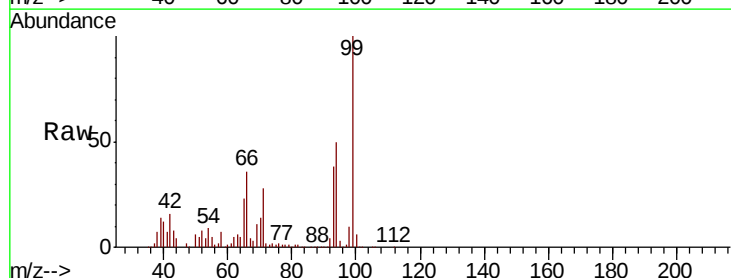
Tgt Ion: 93 Resp: 573509

Ion Ratio Lower Upper

93 100

66 96.8 56.2 84.4#

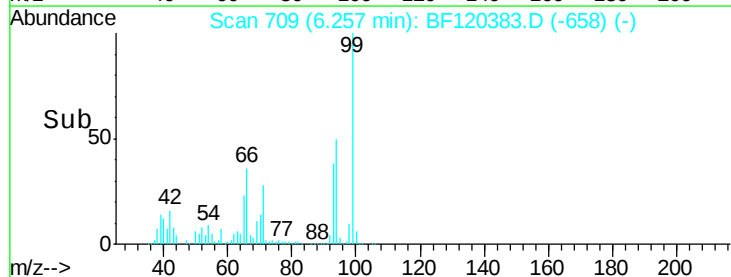
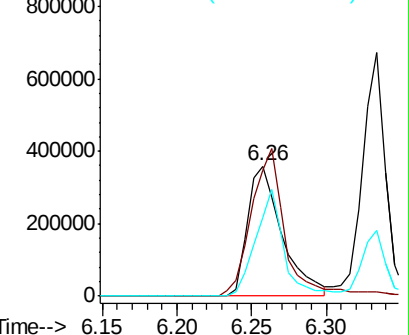
65 60.8 34.2 51.2#

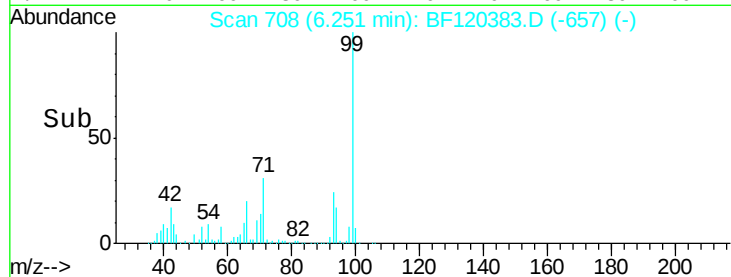
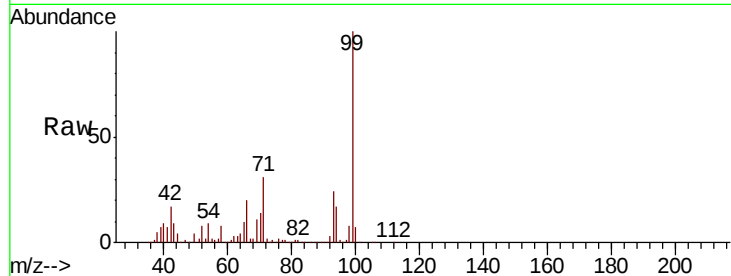
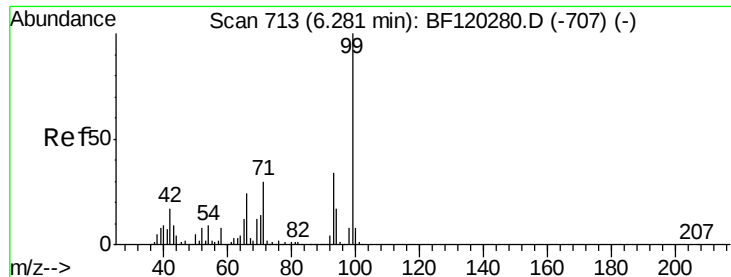


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.436 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Tot Ion: 99 Resp: 1835305

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

71 30.6 24.2 36.4

Instrument :

BNA\_F

ClientSampleId :

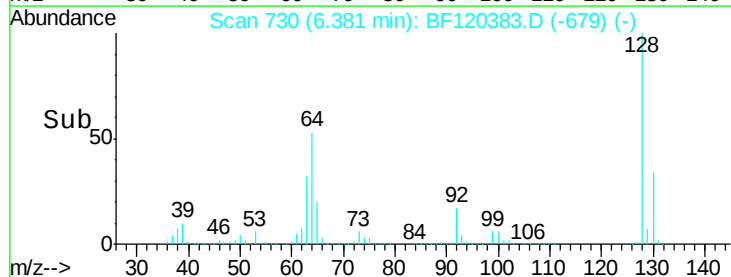
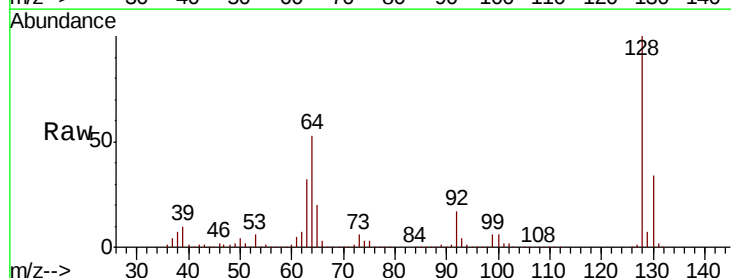
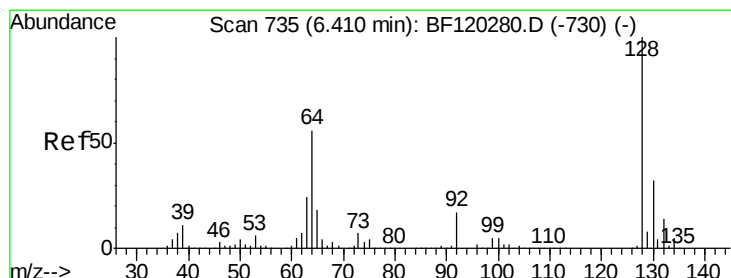
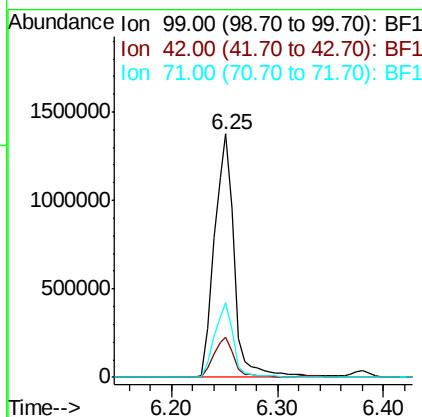
COMP-3MSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 50.397 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

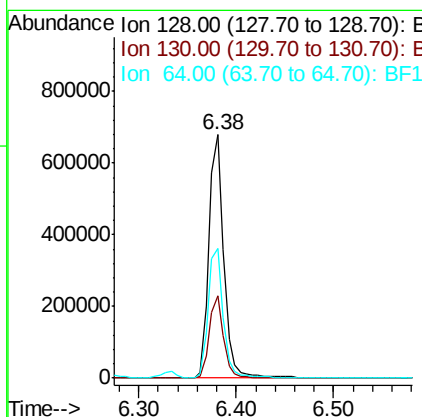
Tgt Ion:128 Resp: 726181

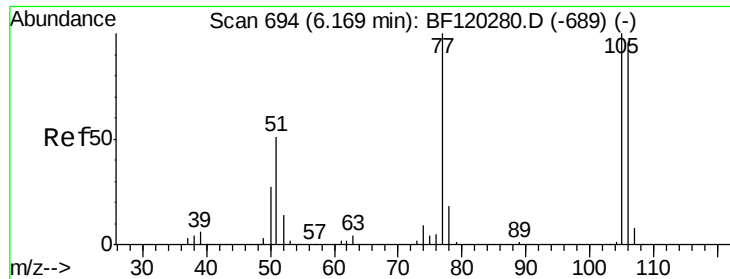
Ion Ratio Lower Upper

128 100

130 33.9 12.4 52.4

64 53.1 36.7 76.7





#9

Benzaldehyde

Concen: 45.982 ng

RT: 6.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Instrument :

BNA\_F

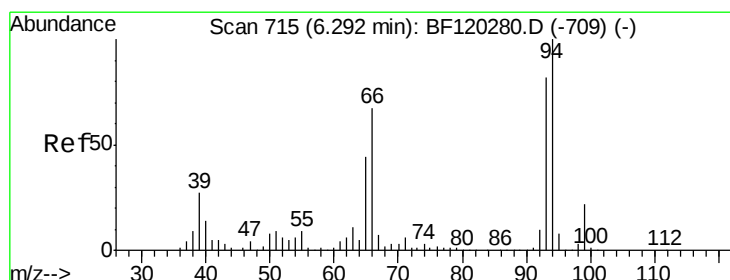
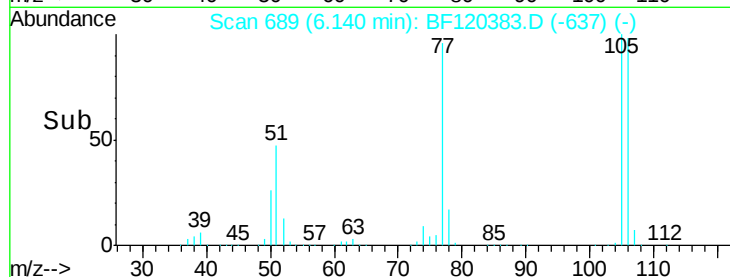
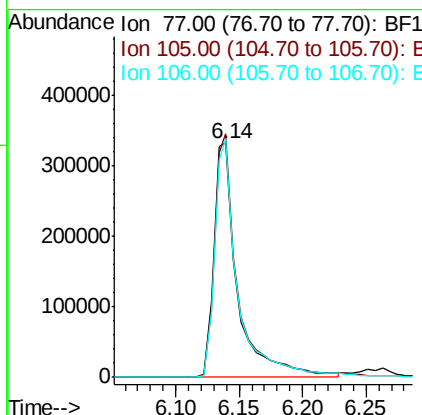
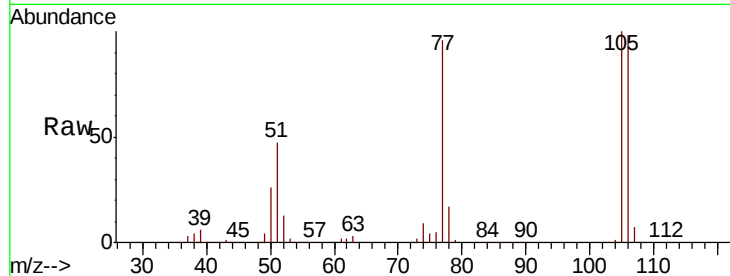
ClientSampleId :

COMP-3MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 442999 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 103.8 | 79.9  | 119.9  |
| 106      | 101.9 | 75.7  | 115.7  |

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#10

Phenol

Concen: 51.110 ng

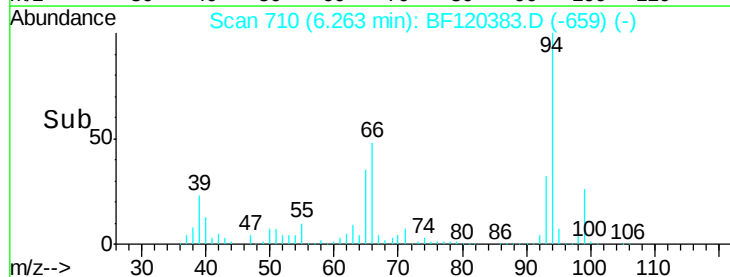
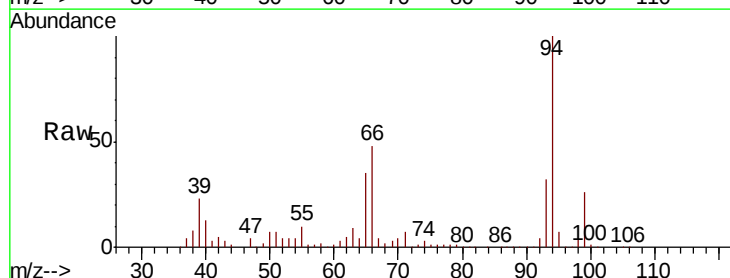
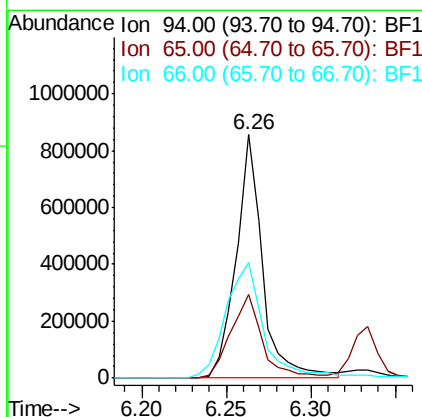
RT: 6.26 min Scan# 710

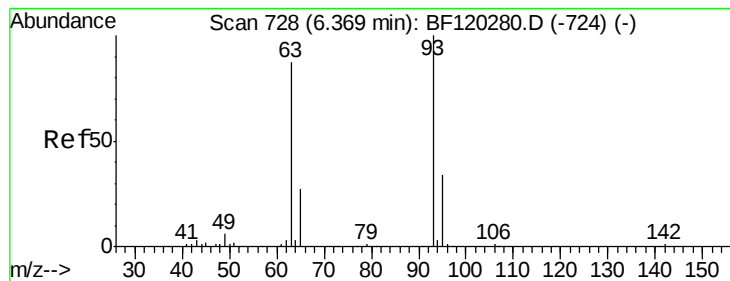
Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 932417 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 34.5  | 24.1  | 64.1   |
| 66       | 47.5  | 47.5  | 87.5   |





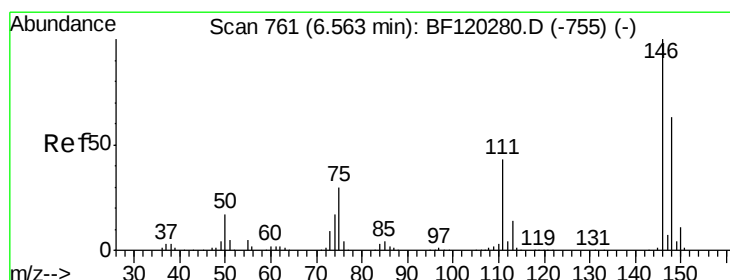
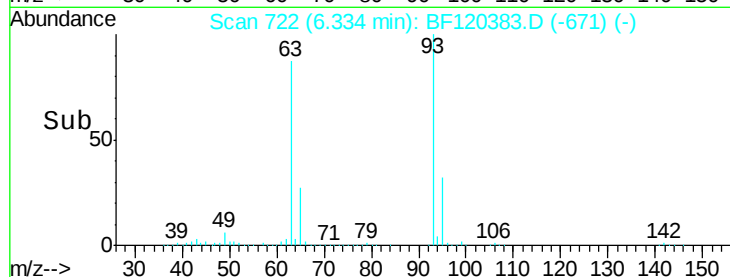
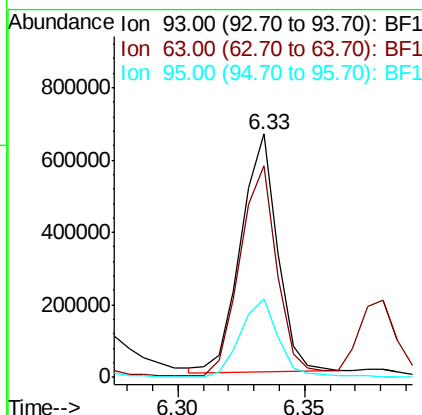
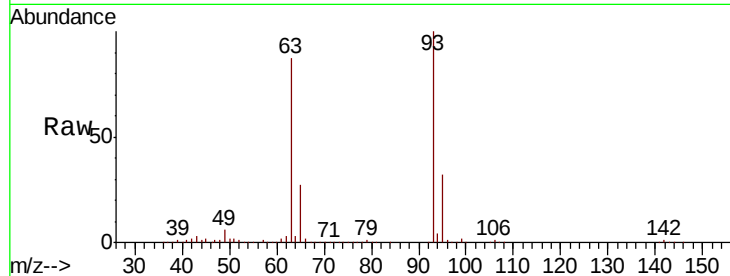
#11  
bis(2-Chloroethyl)ether  
Concen: 45.594 ng  
RT: 6.33 min Scan# 722  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 87.2  | 65.4  | 105.4 |
| 95      | 32.4  | 12.9  | 52.9  |

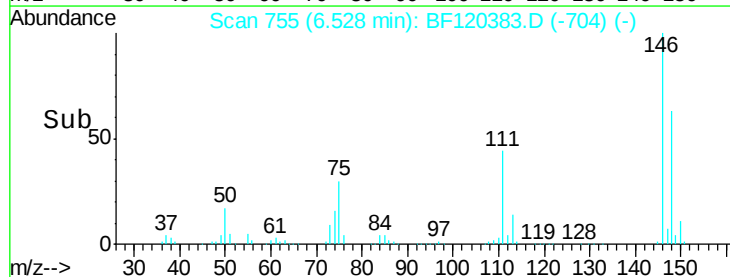
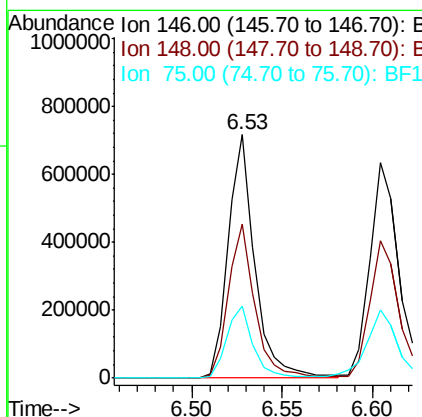
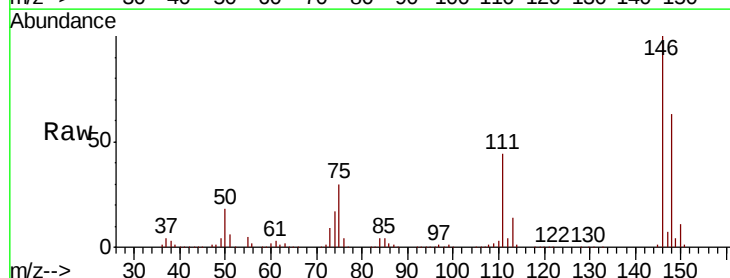
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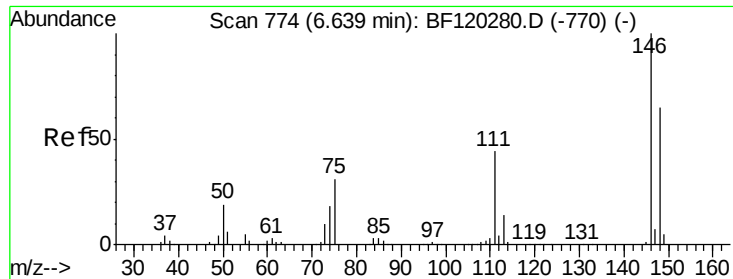
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#12  
1,3-Dichlorobenzene  
Concen: 47.546 ng  
RT: 6.53 min Scan# 755  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 50.5  | 75.7  |
| 75      | 29.7  | 24.2  | 36.4  |





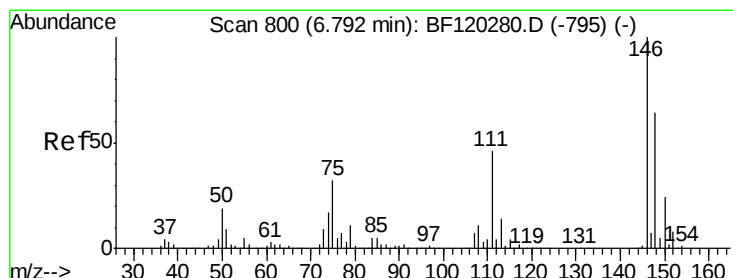
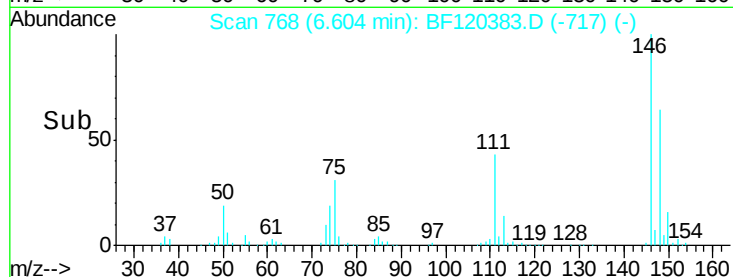
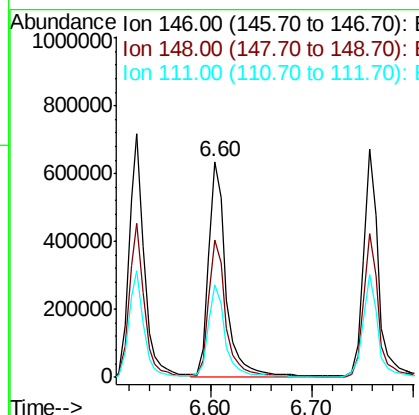
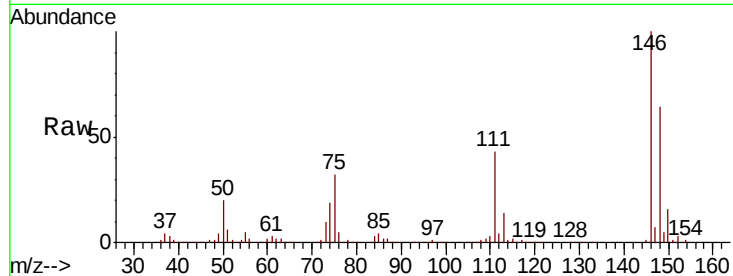
#13  
1,4-Dichlorobenzene  
Concen: 48.196 ng  
RT: 6.60 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 51.6  | 77.4  |
| 111     | 43.2  | 35.1  | 52.7  |

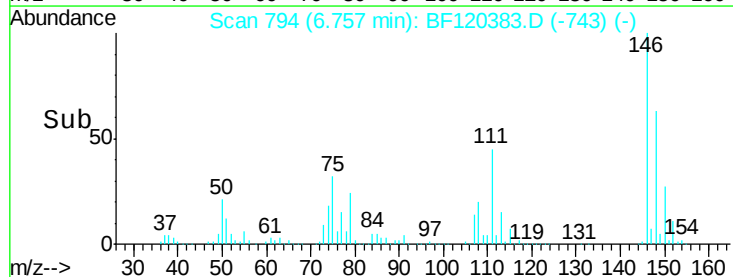
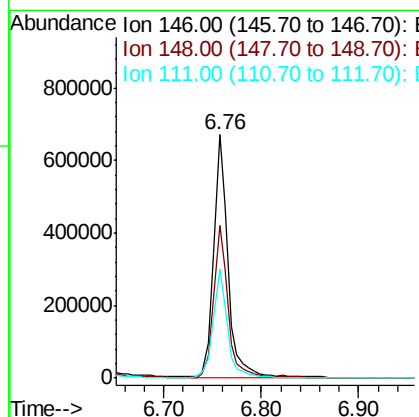
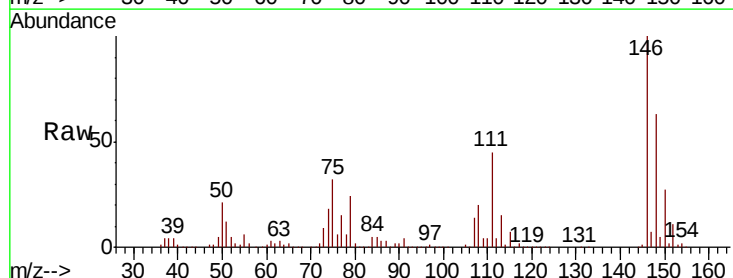
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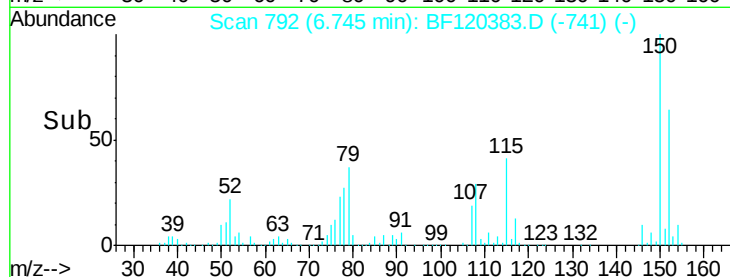
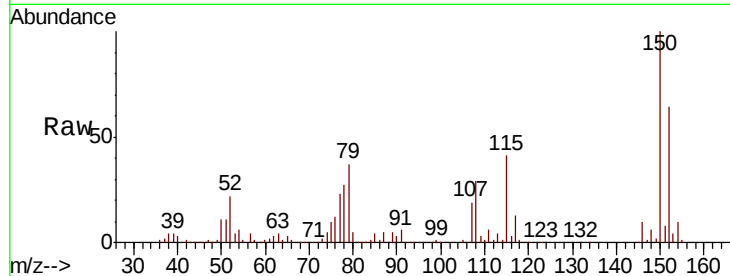
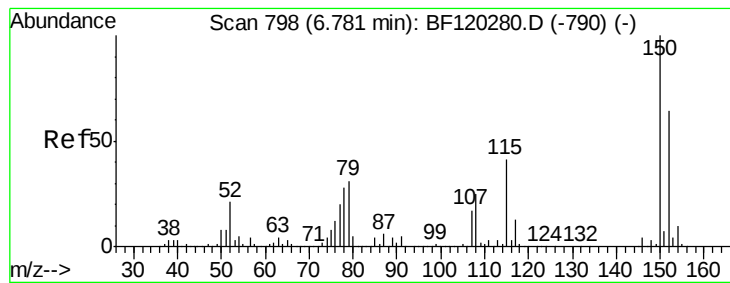
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#14  
1,2-Dichlorobenzene  
Concen: 47.869 ng  
RT: 6.76 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 51.1  | 76.7  |
| 111     | 45.0  | 36.6  | 55.0  |





#15

Benzyl Alcohol

Concen: 50.697 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 562869 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 79.5  | 64.2  | 96.4   |
| 77        | 63.4  | 51.6  | 77.4   |

Instrument :

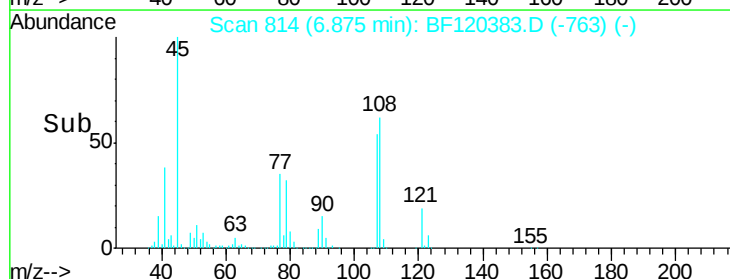
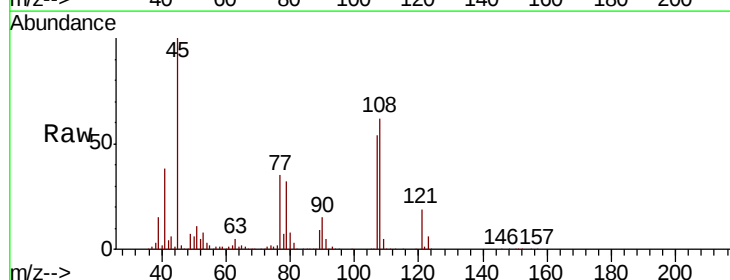
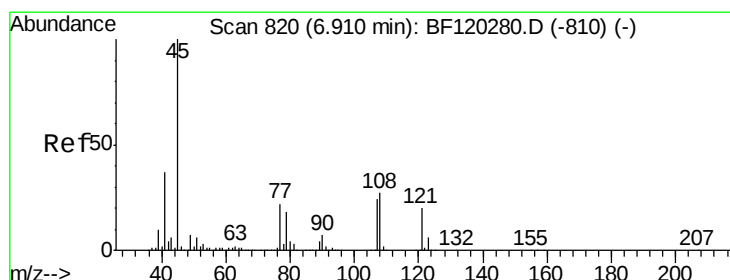
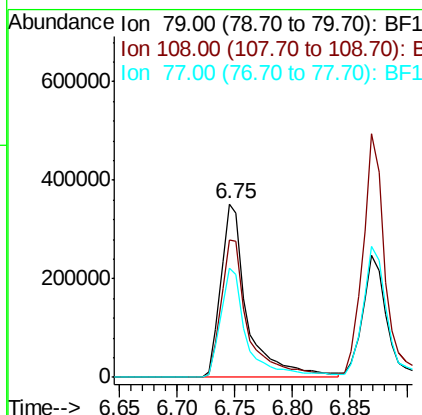
BNA\_F

ClientSampleId :

COMP-3MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.963 ng

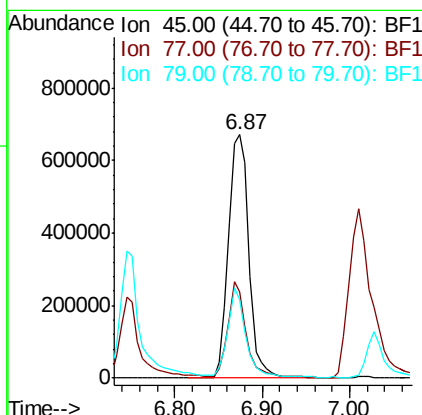
RT: 6.87 min Scan# 814

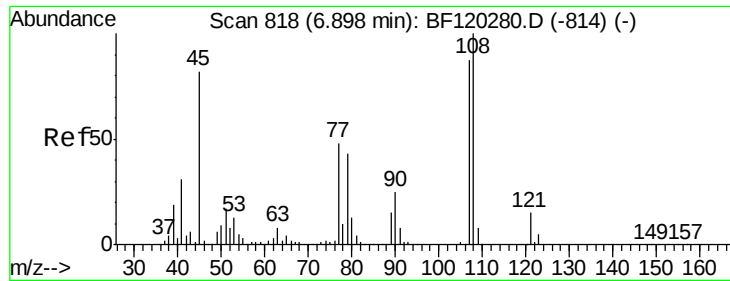
Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1078534 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 77        | 35.2  | 3.1   | 43.1    |
| 79        | 32.4  | 0.0   | 40.0    |





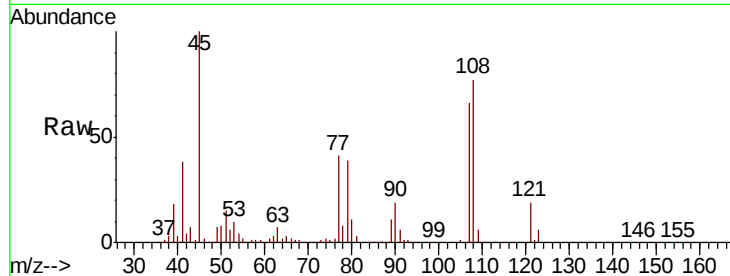
#17  
2-Methylphenol  
Concen: 47.906 ng  
RT: 6.87 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

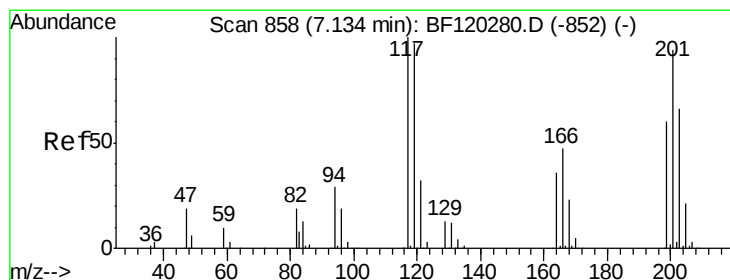
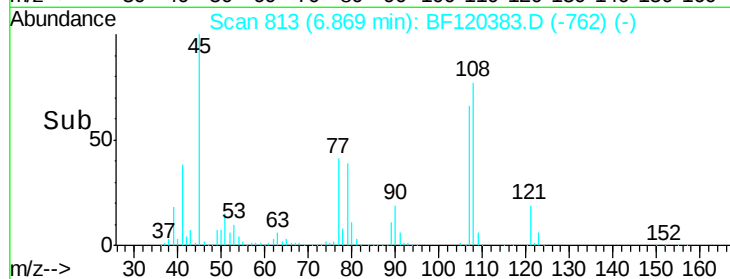
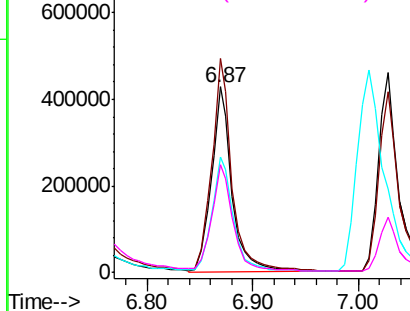
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 115.2 | 92.4  | 138.6 |
| 77      | 62.2  | 44.5  | 66.7  |
| 79      | 58.0  | 40.4  | 60.6  |

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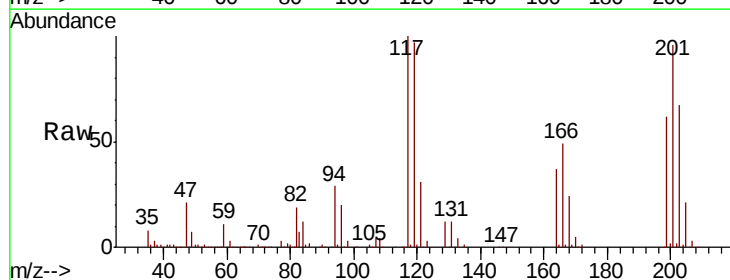


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

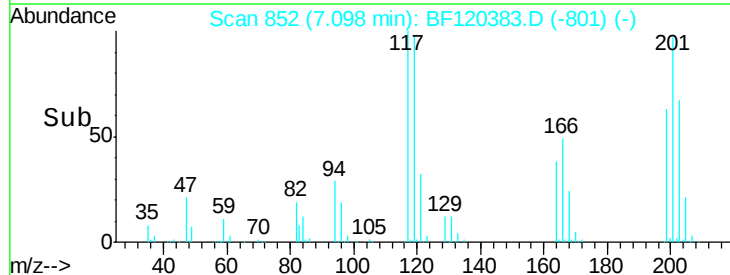
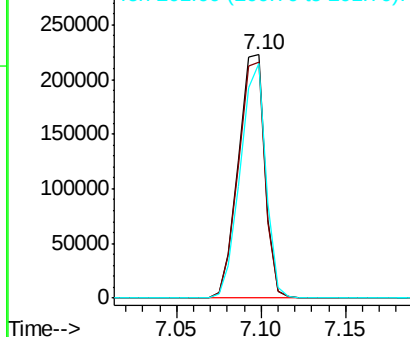


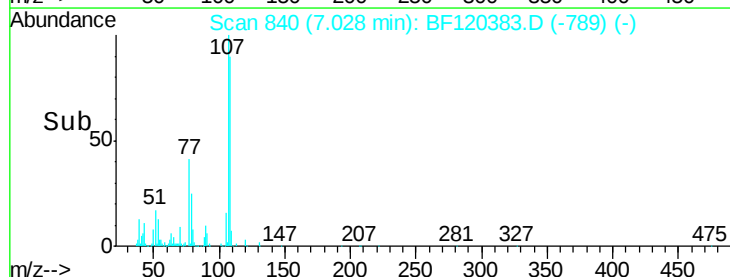
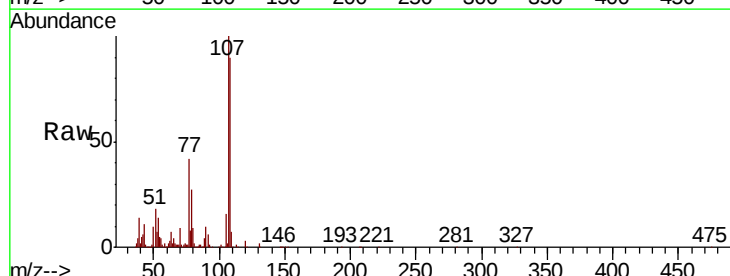
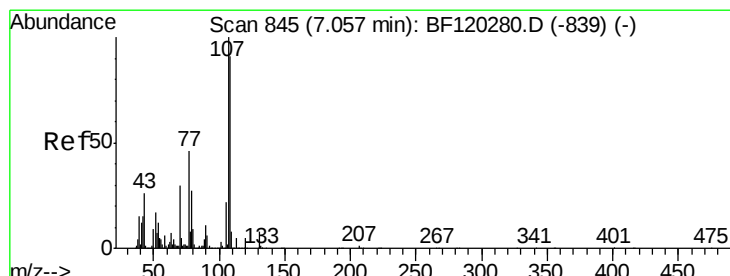
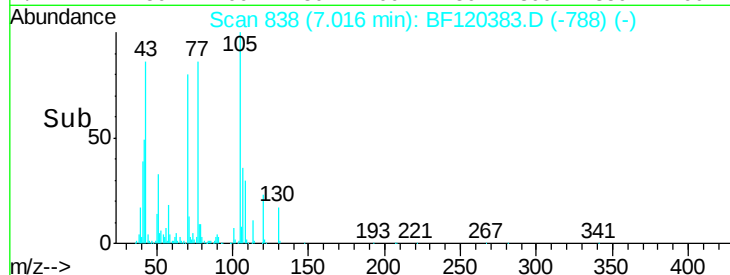
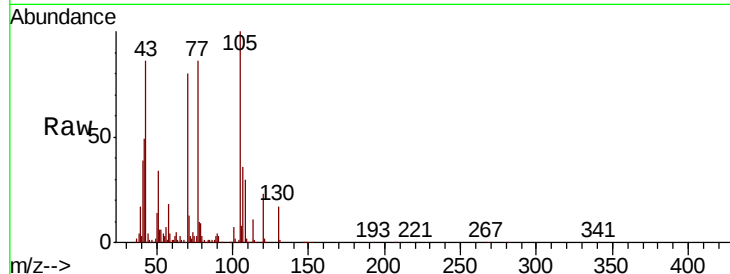
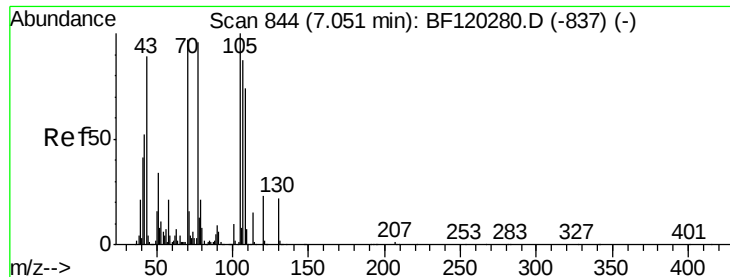
#18  
Hexachloroethane  
Concen: 40.698 ng  
RT: 7.10 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.0  | 77.4  | 116.0 |
| 201     | 96.4  | 74.9  | 112.3 |



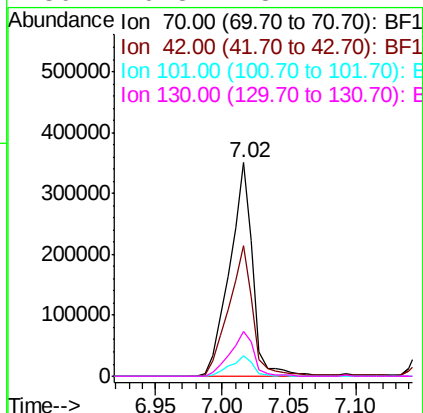
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 41.985 ng  
RT: 7.02 min Scan# 838  
Delta R.T. -0.01 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 429857 |       |       |
| 42      | 61.2 | 43.4  | 65.0   |       |       |
| 101     | 9.3  | 7.8   | 11.8   |       |       |
| 130     | 20.8 | 18.2  | 27.4   |       |       |



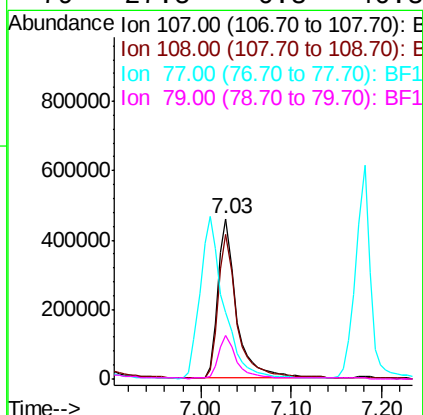
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

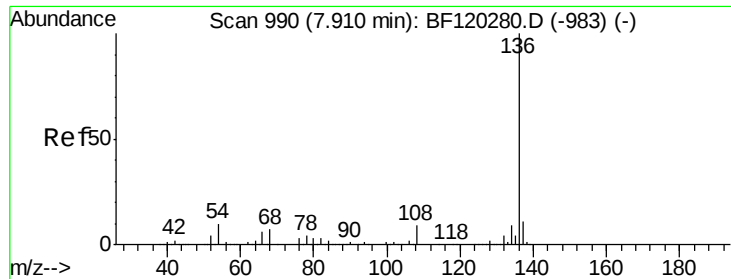
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#20  
3+4-Methylphenols  
Concen: 41.086 ng  
RT: 7.03 min Scan# 840  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 649780 |       |       |
| 108     | 90.3 | 71.1  | 111.1  |       |       |
| 77      | 41.9 | 28.1  | 68.1   |       |       |
| 79      | 27.5 | 6.8   | 46.8   |       |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Instrument :

BNA\_F

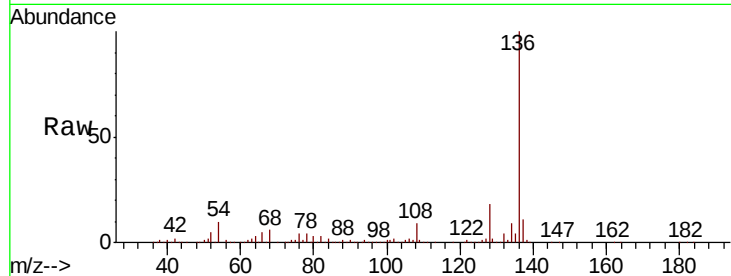
ClientSampleId :

COMP-3MSD

| Tot Ion   | 136   | Resp  | 817733 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.2  | 9.1   | 13.7   |
| 54        | 10.2  | 7.9   | 11.9   |
| 68        | 6.1   | 5.4   | 8.2    |

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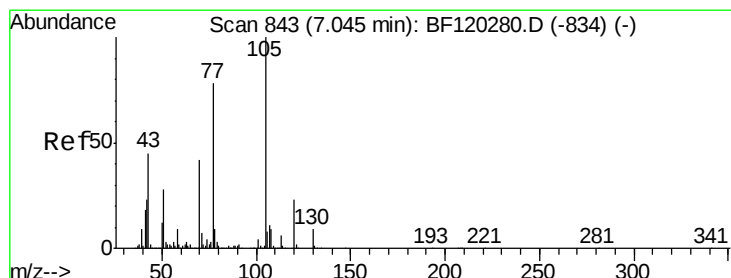
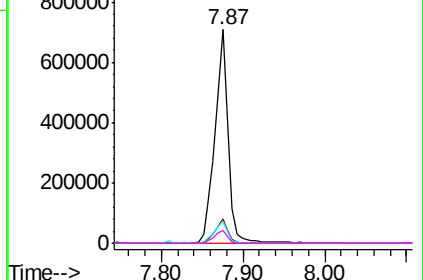
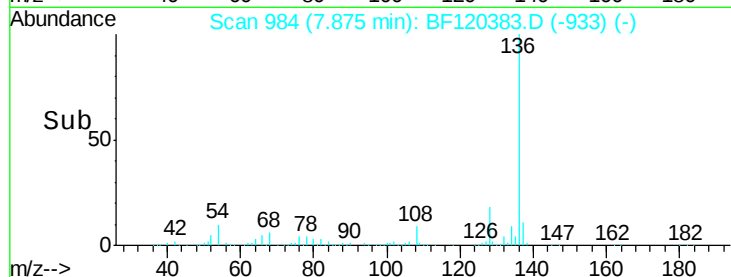


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 51.195 ng

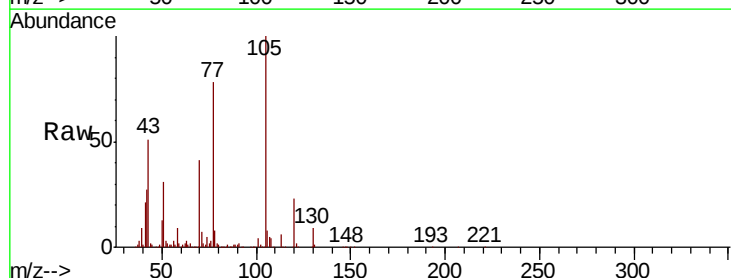
RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

| Tgt Ion   | 105   | Resp  | 857637 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 7.0   | 5.6   | 8.4    |
| 51        | 31.4  | 22.6  | 34.0   |
| 120       | 23.3  | 18.7  | 28.1   |

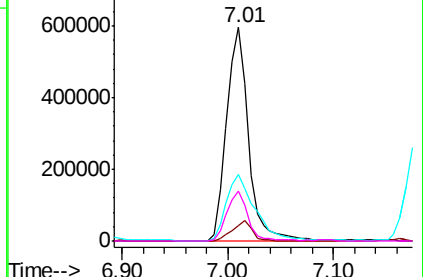
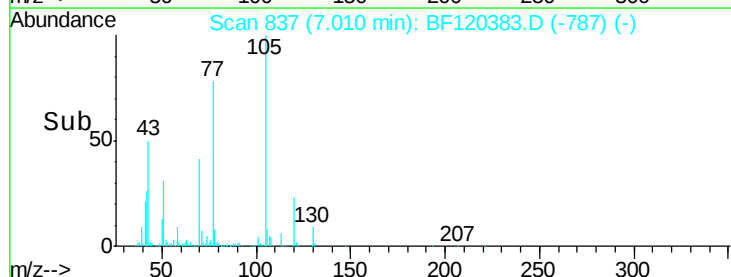


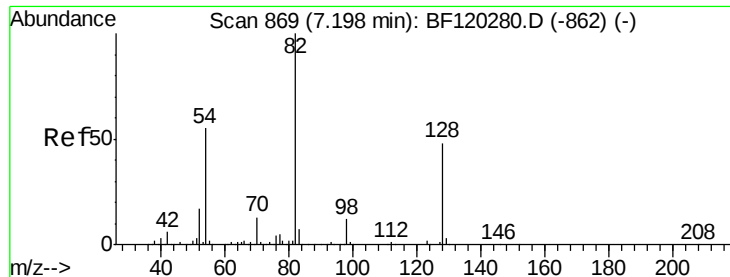
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





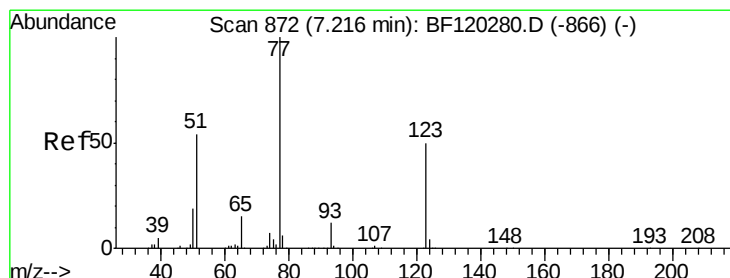
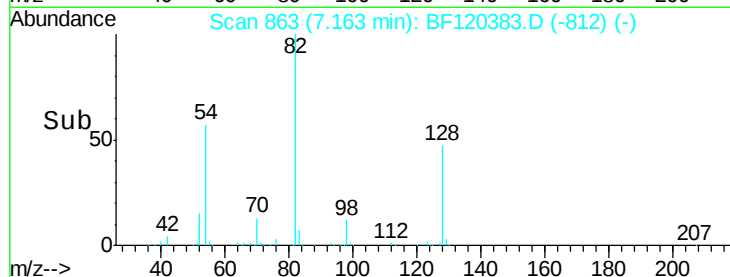
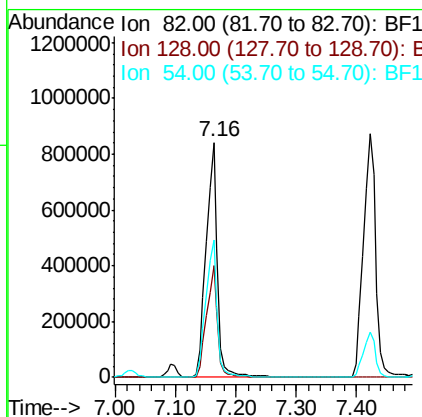
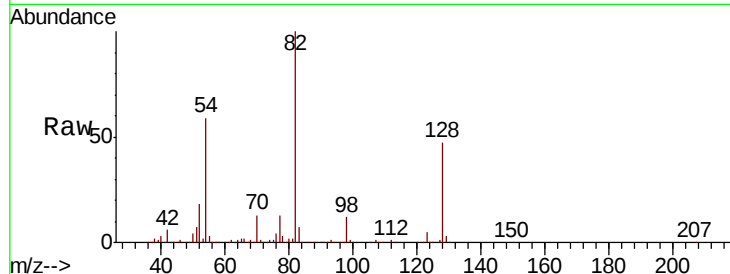
#23  
Nitrobenzene-d5  
Concen: 93.825 ng  
RT: 7.16 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.3  | 38.3  | 57.5  |
| 54      | 58.5  | 43.9  | 65.9  |

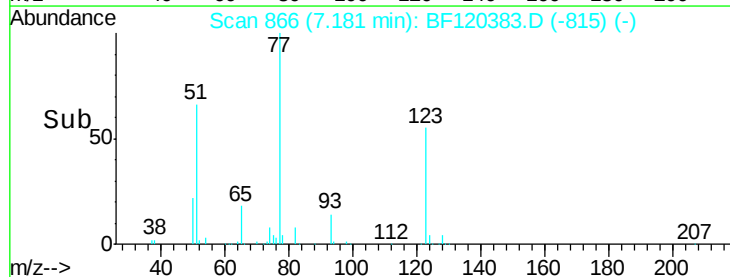
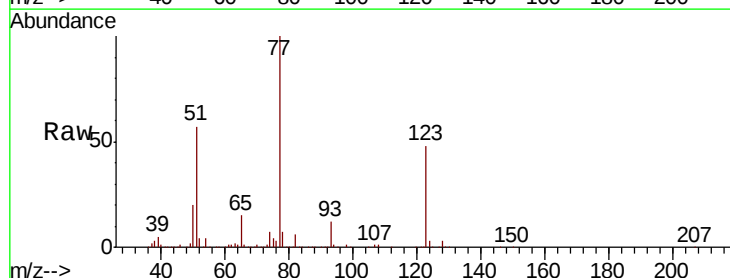
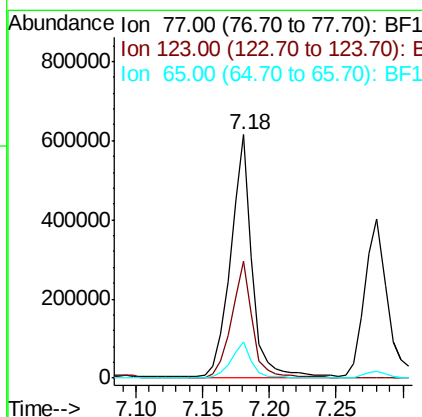
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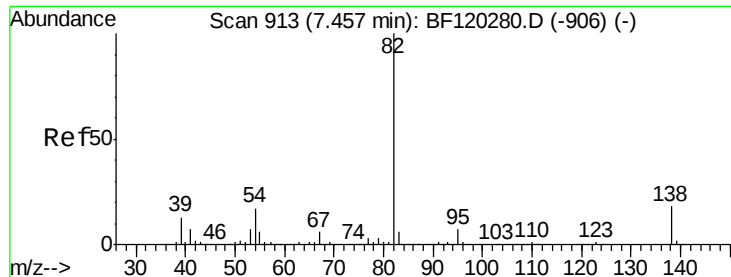
mohammad  
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#24  
Nitrobenzene  
Concen: 53.816 ng  
RT: 7.18 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.2  | 40.0  | 60.0  |
| 65      | 14.7  | 11.7  | 17.5  |





#25

Isophorone

Concen: 49.092 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Instrument :

BNA\_F

ClientSampleId :

COMP-3MSD

Tot Ion: 82 Resp: 1219981

Ion Ratio Lower Upper

82 100

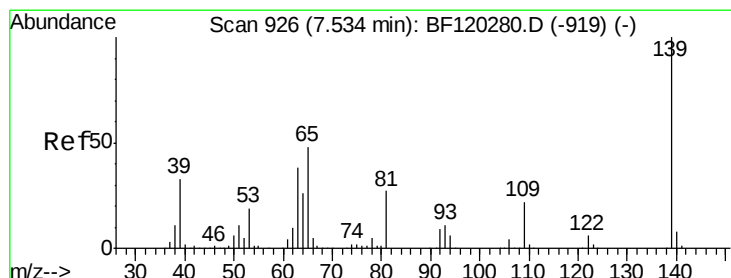
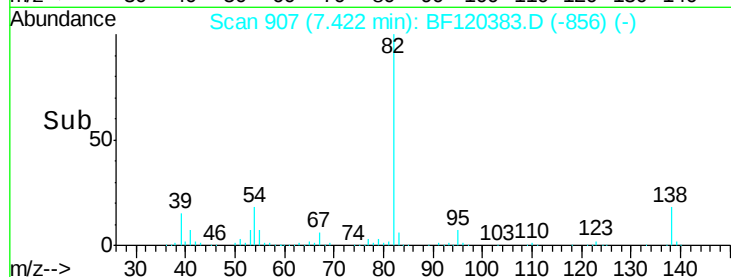
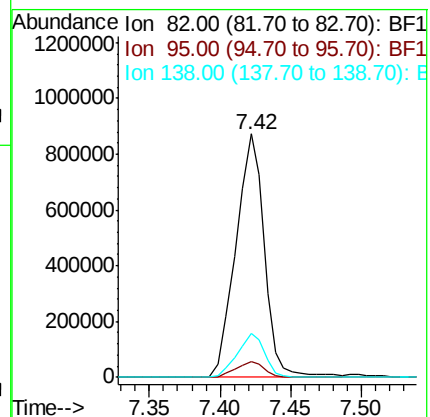
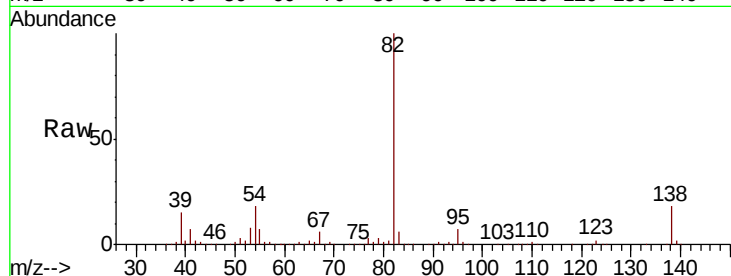
95 6.7 5.4 8.0

138 17.8 14.7 22.1

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#26

2-Nitrophenol

Concen: 52.917 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

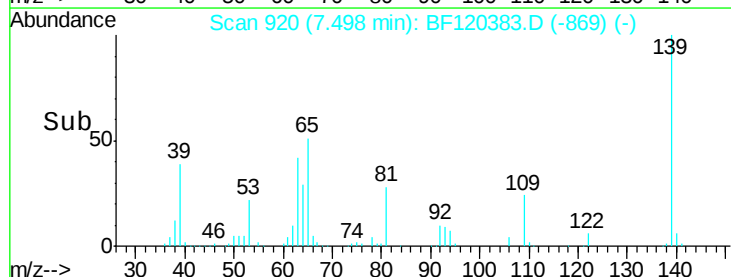
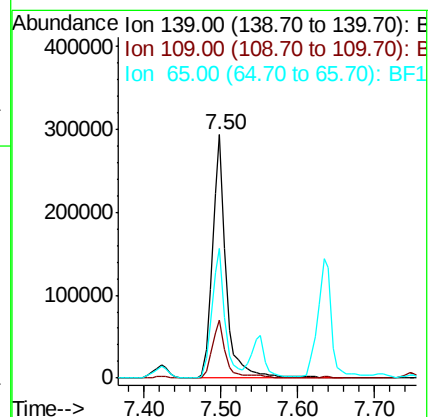
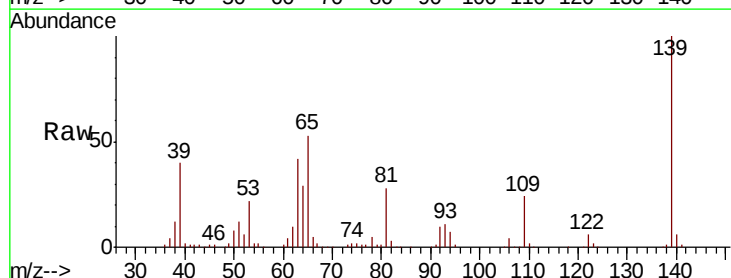
Tgt Ion: 139 Resp: 355733

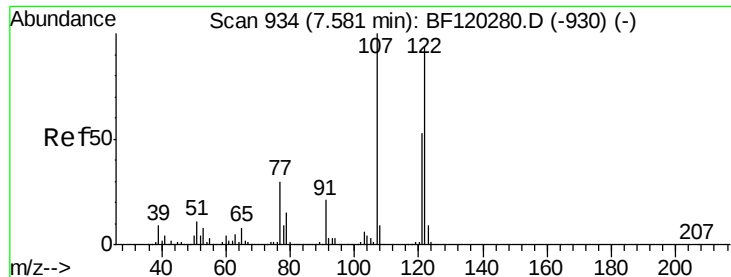
Ion Ratio Lower Upper

139 100

109 23.8 17.7 26.5

65 53.1 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 56.948 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Instrument :

BNA\_F

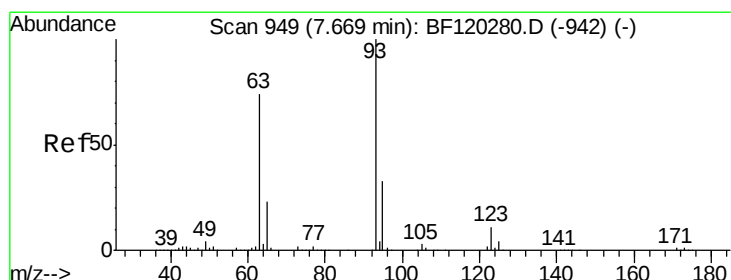
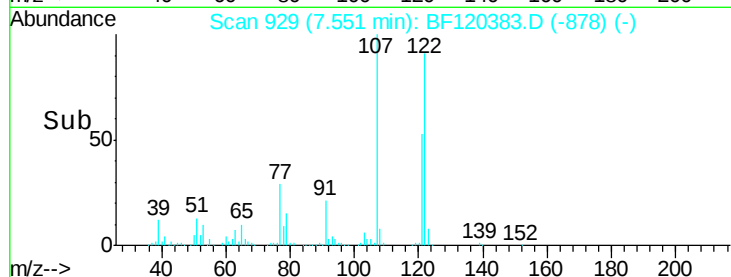
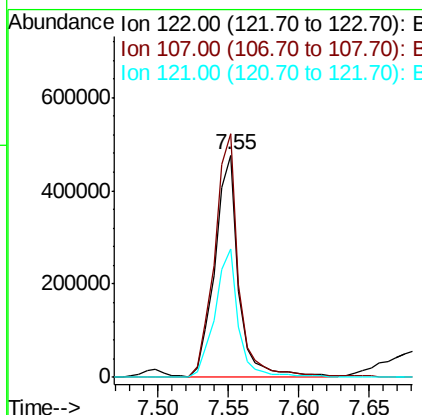
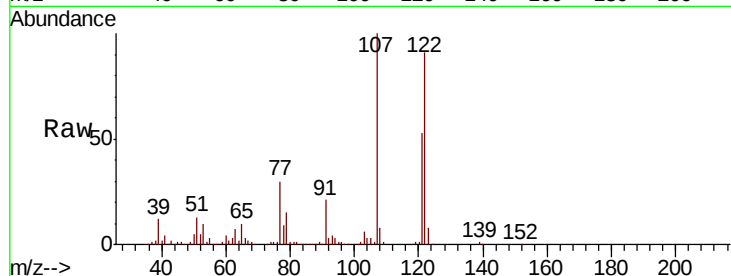
ClientSampleId :

COMP-3MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 556898 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 109.7 | 85.0  | 127.6  |
| 121       | 57.9  | 45.1  | 67.7   |

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#28

bis(2-Chloroethoxy)methane

Concen: 49.446 ng

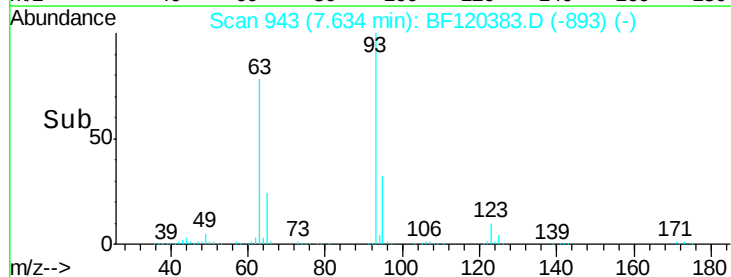
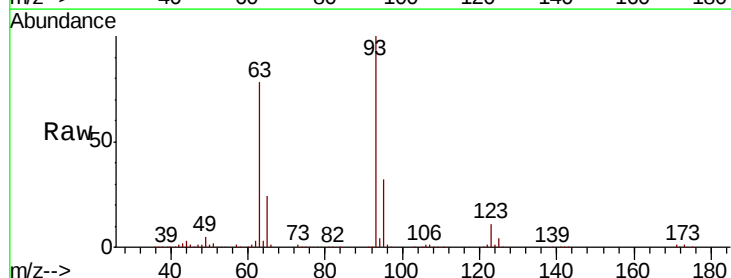
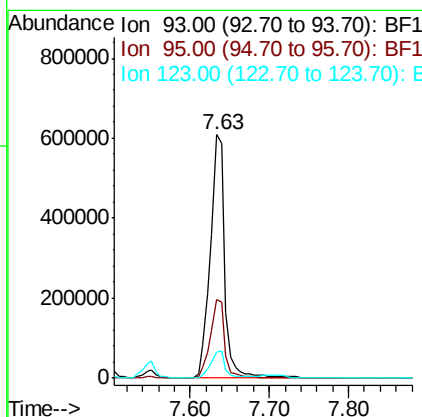
RT: 7.63 min Scan# 943

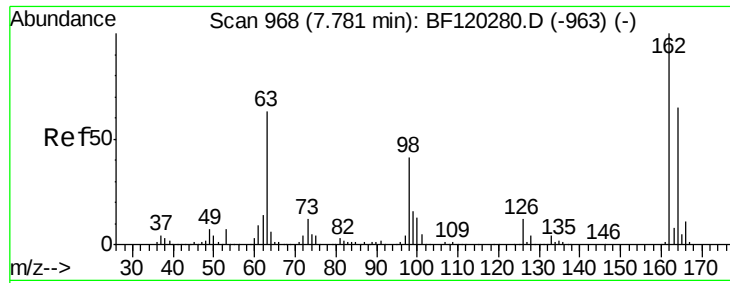
Delta R.T. -0.01 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 772341 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.5  | 26.8  | 40.2   |
| 123       | 10.6  | 9.2   | 13.8   |





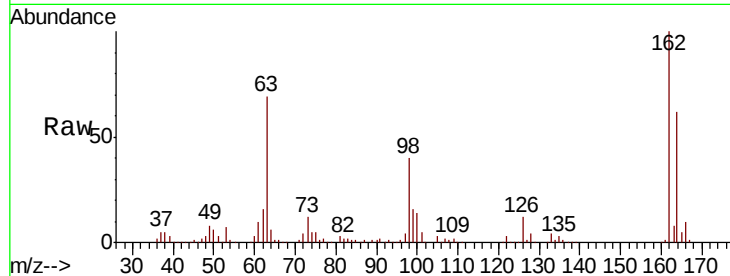
#29  
2,4-Dichlorophenol  
Concen: 50.512 ng  
RT: 7.75 min Scan# 962  
Delta R.T. -0.01 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

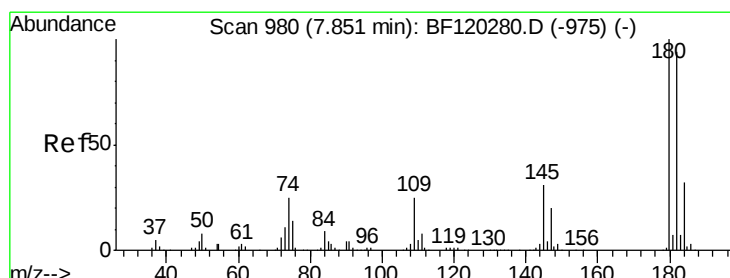
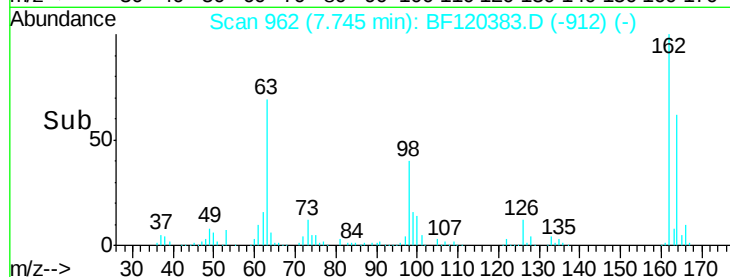
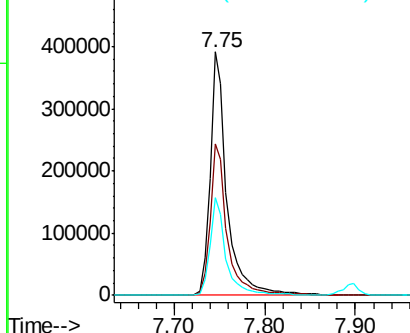
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 507316 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.2  | 44.9  | 84.9   |
| 98        | 40.0  | 20.7  | 60.7   |

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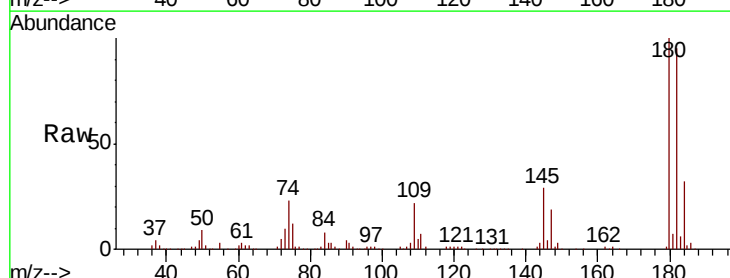


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

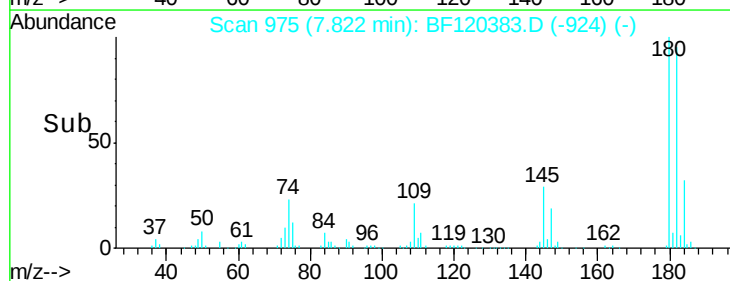
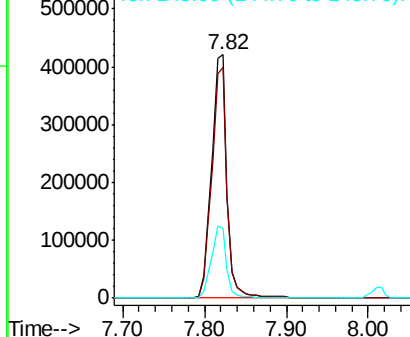


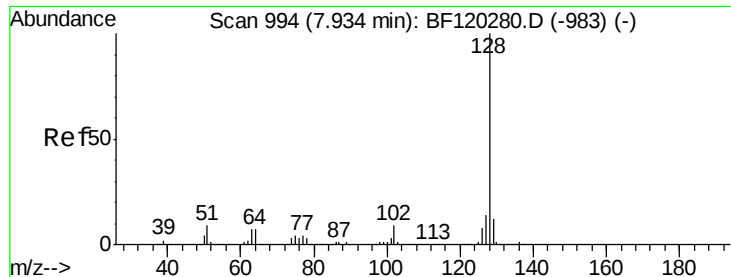
#30  
1,2,4-Trichlorobenzene  
Concen: 49.580 ng  
RT: 7.82 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 551819 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.8  | 75.3  | 112.9  |
| 145       | 28.7  | 24.9  | 37.3   |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





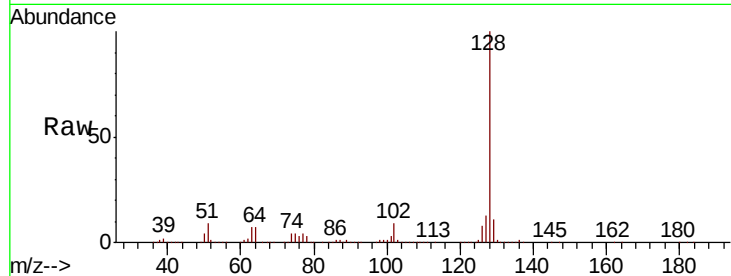
#31  
Naphthalene  
Concen: 51.324 ng  
RT: 7.90 min Scan# 988  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 9.3   | 13.9  |
| 127     | 13.4  | 11.2  | 16.8  |

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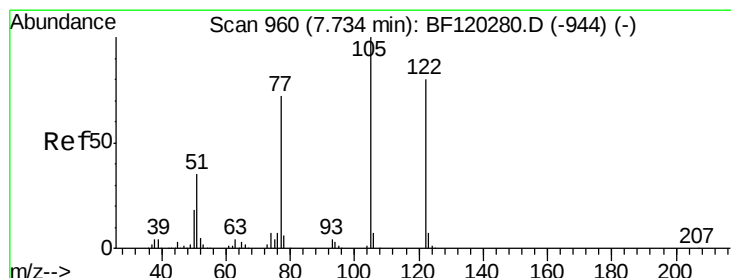
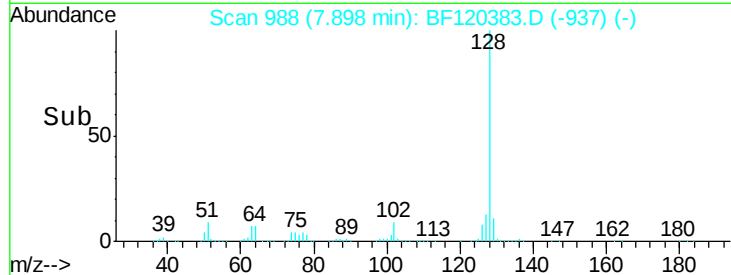
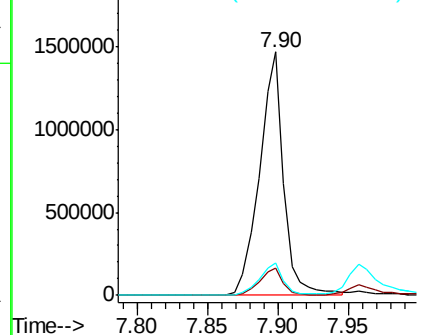


Abundance

Ion 128.00 (127.70 to 128.70): E

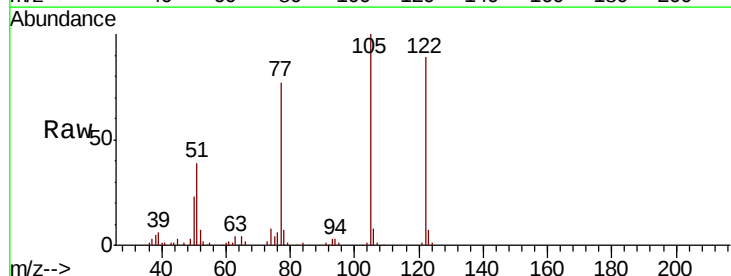
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 44.855 ng  
RT: 7.72 min Scan# 957  
Delta R.T. 0.01 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 112.2 | 98.1  | 138.1 |
| 77      | 86.1  | 66.7  | 106.7 |

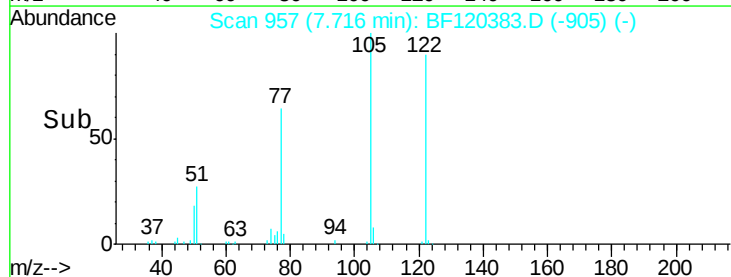
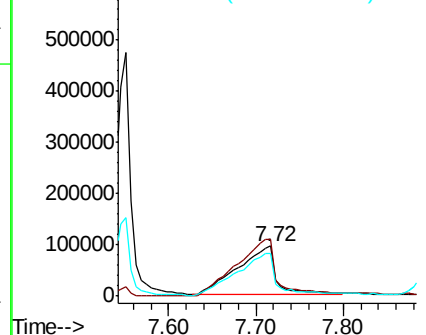


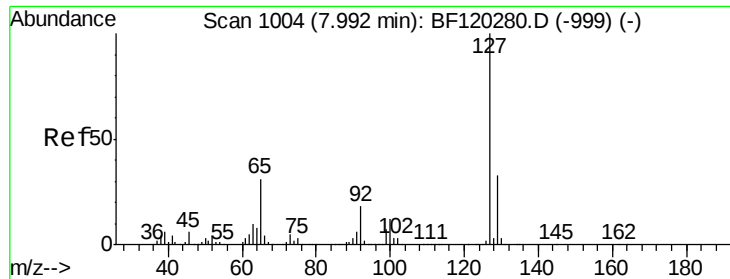
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





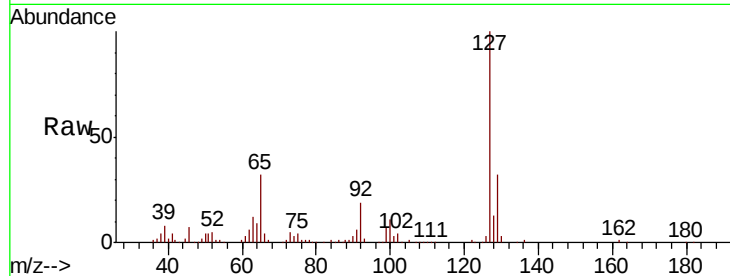
#33  
4-Chloroaniline  
Concen: 20.149 ng  
RT: 7.96 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

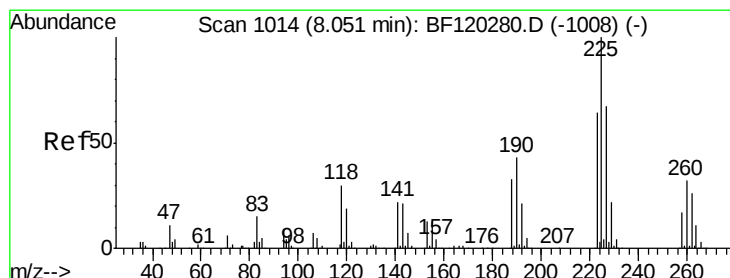
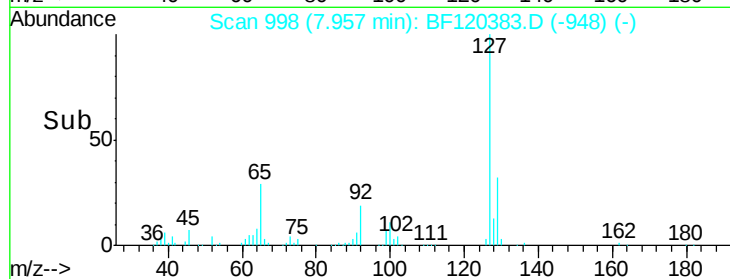
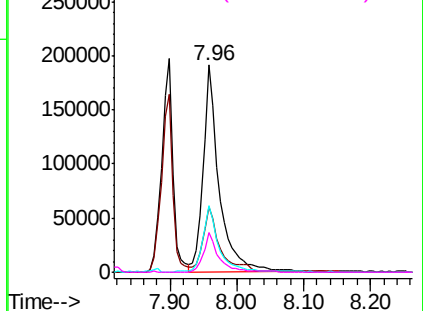
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 316911 |       |       |
| 129     | 31.8 | 26.4  | 39.6   |       |       |
| 65      | 32.2 | 24.8  | 37.2   |       |       |
| 92      | 19.3 | 14.5  | 21.7   |       |       |

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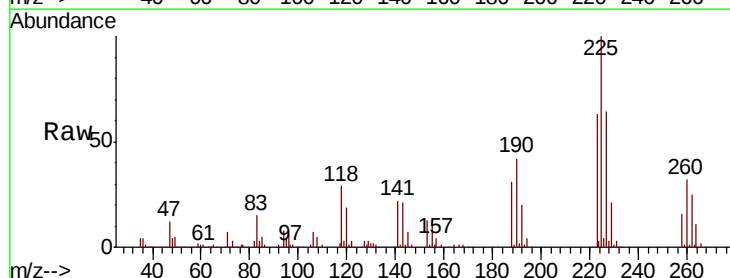


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

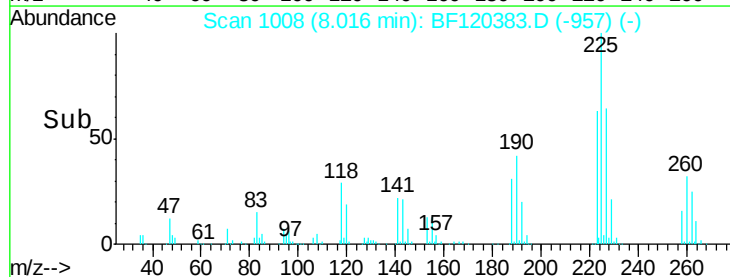
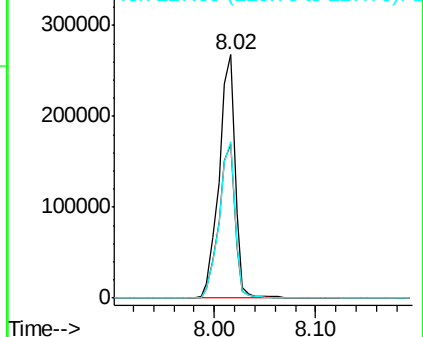


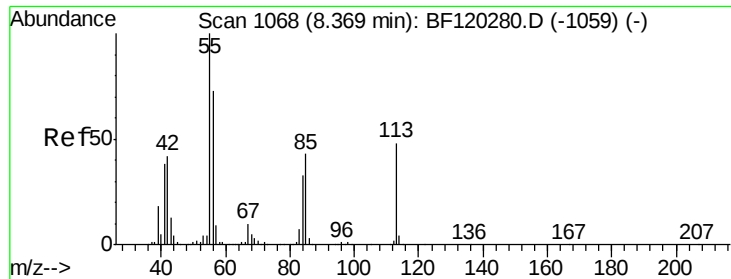
#34  
Hexachlorobutadiene  
Concen: 46.055 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 296273 |       |       |
| 223     | 63.2 | 51.4  | 77.0   |       |       |
| 227     | 64.5 | 54.0  | 81.0   |       |       |



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: 48.525 ng/mL

RT: 8.34 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Instrument :

BNA\_F

ClientSampleId :

COMP-3MSD

Tot Ion: 113 Resp: 159443

Ion Ratio Lower Upper

113 100

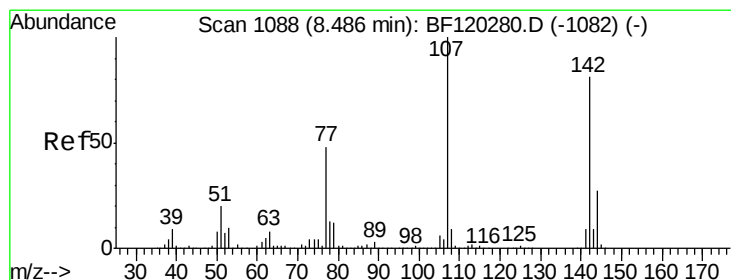
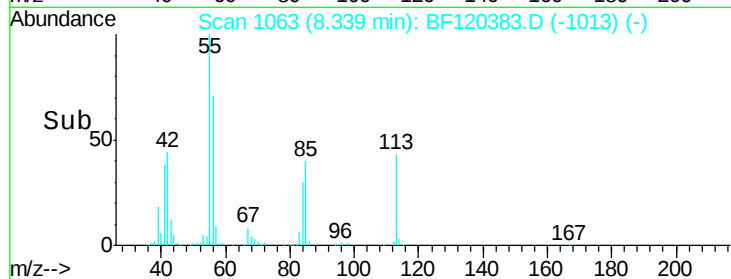
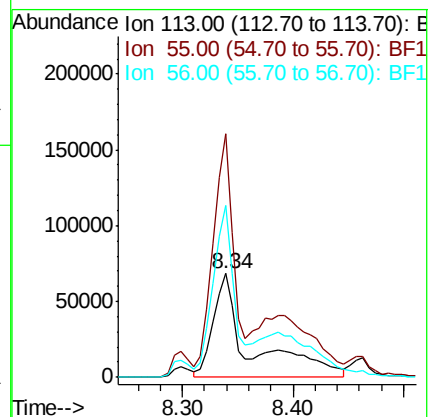
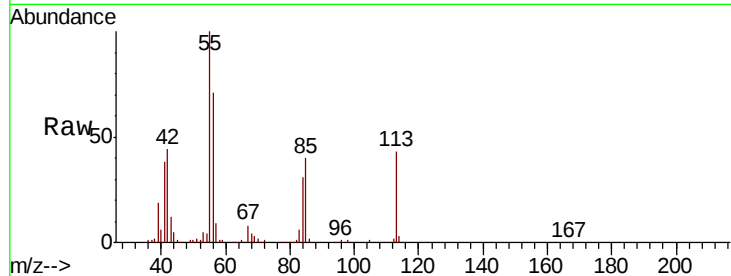
55 234.5 190.4 230.4#

56 165.9 132.7 172.7

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#36

4-Chloro-3-methylphenol

Concen: 50.647 ng/mL

RT: 8.46 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

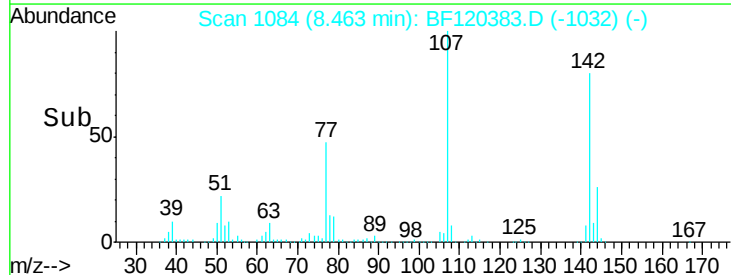
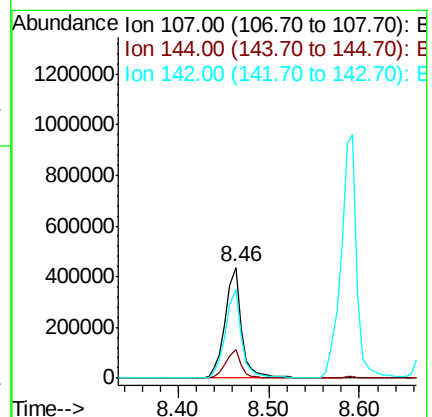
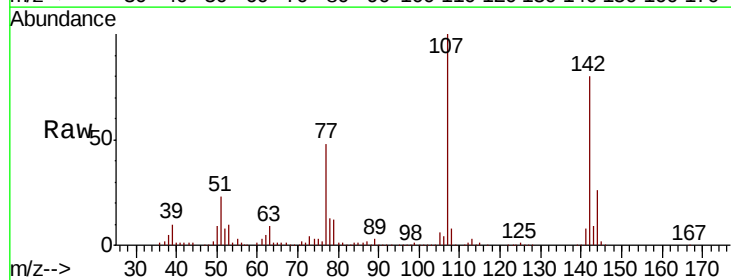
Tgt Ion: 107 Resp: 550276

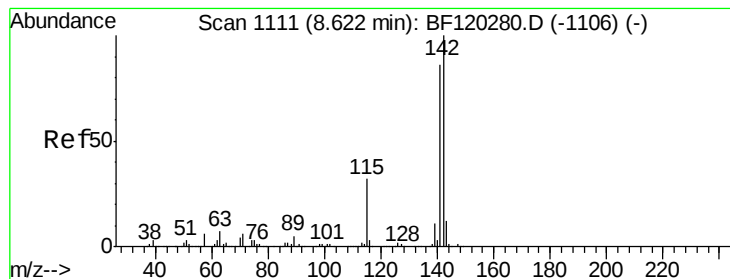
Ion Ratio Lower Upper

107 100

144 25.5 21.4 32.2

142 79.6 65.1 97.7





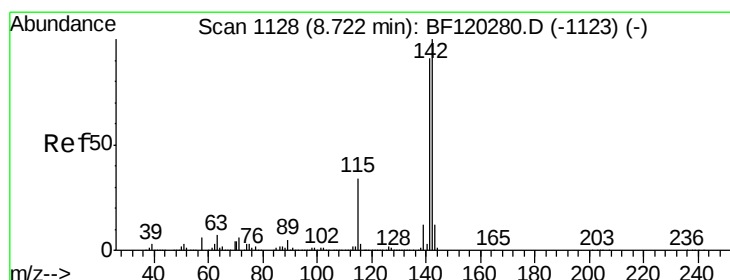
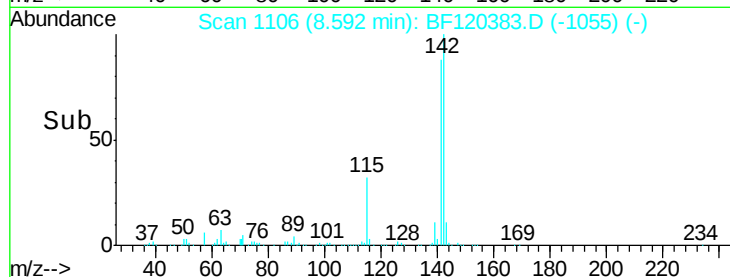
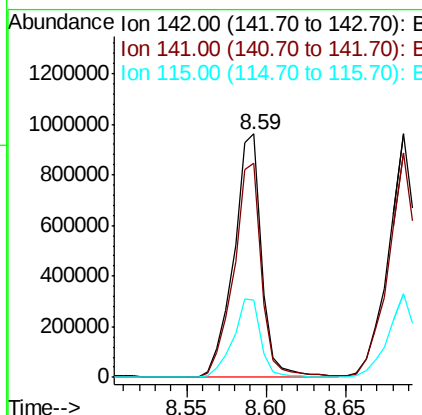
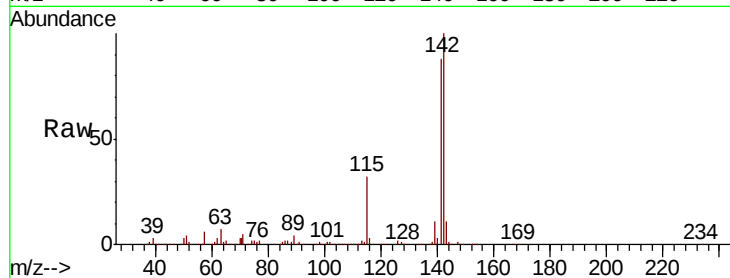
#37  
2-Methylnaphthalene  
Concen: 49.874 ng  
RT: 8.59 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.1  | 68.8  | 103.2 |
| 115     | 31.7  | 25.7  | 38.5  |

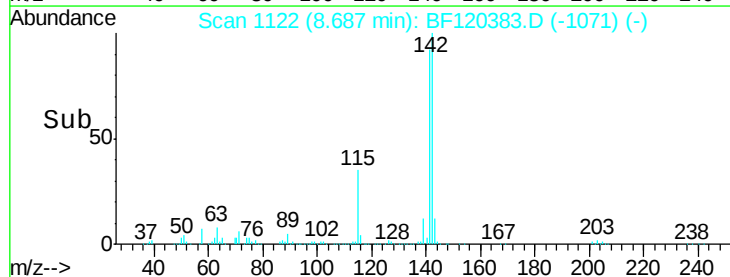
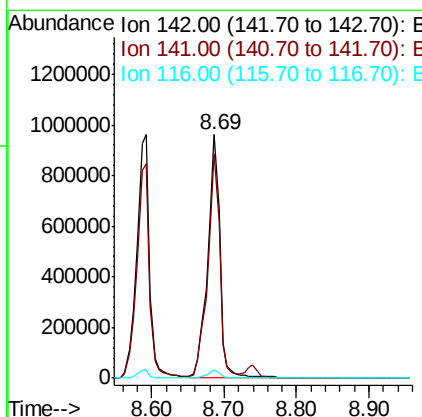
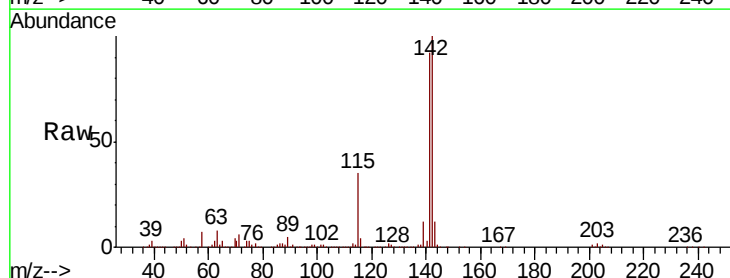
Manual Integrations  
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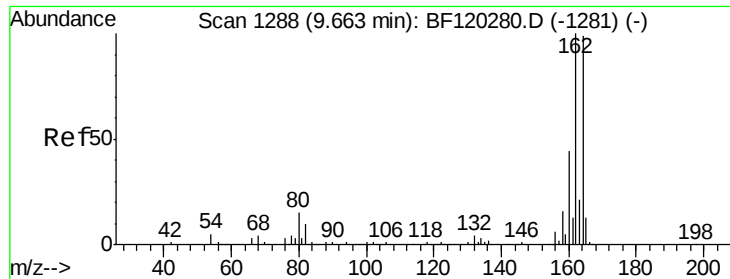
mohammad  
5/22/2020 2:55:52 PM



#38  
1-Methylnaphthalene  
Concen: 49.502 ng  
RT: 8.69 min Scan# 1122  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.2  | 73.0  | 109.6 |
| 116     | 3.6   | 2.7   | 4.1   |





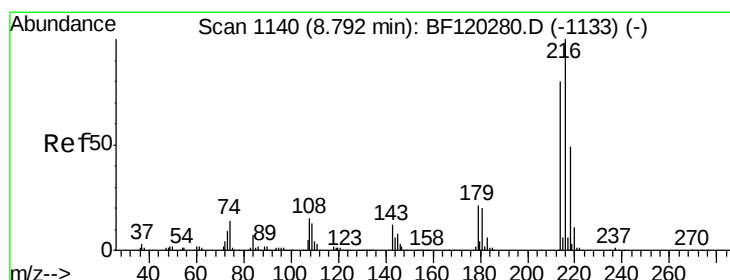
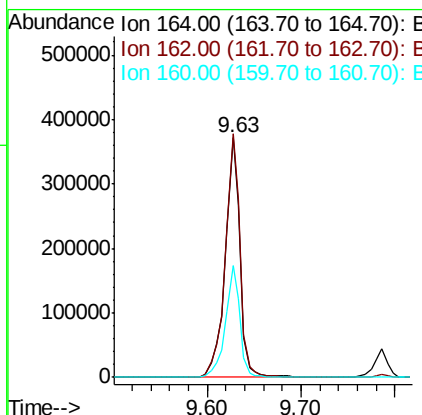
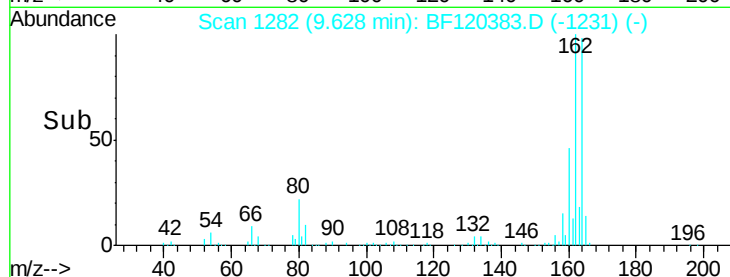
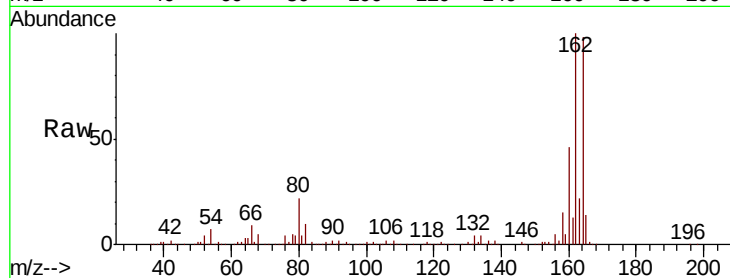
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.63 min Scan# 1282  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 101.7 | 81.2 | 121.8 |       |
| 160     | 46.6  | 35.8 | 53.6  |       |

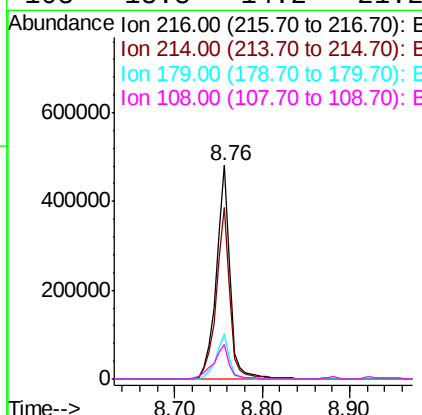
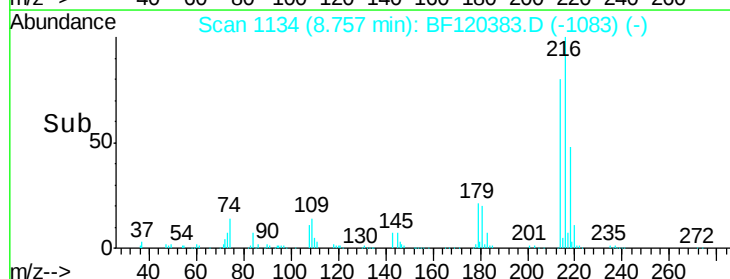
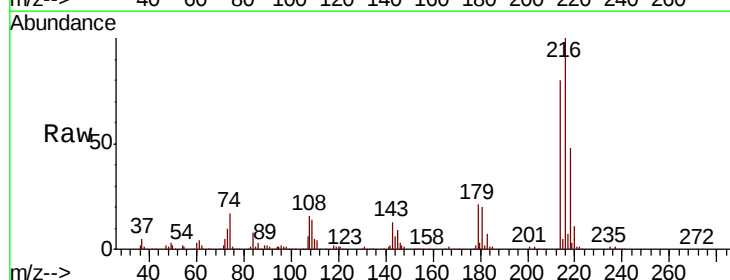
Manual Integrations  
APPROVED

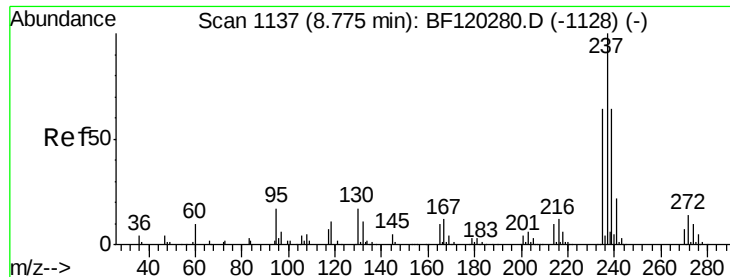
mohammad  
5/22/2020 2:55:52 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.252 ng  
RT: 8.76 min Scan# 1134  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 79.9  | 64.0 | 96.0  |       |
| 179     | 20.4  | 16.9 | 25.3  |       |
| 108     | 18.8  | 14.2 | 21.2  |       |





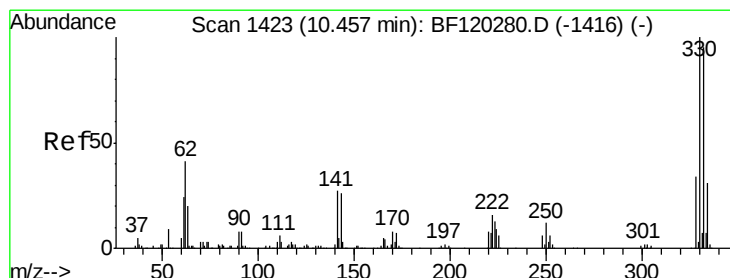
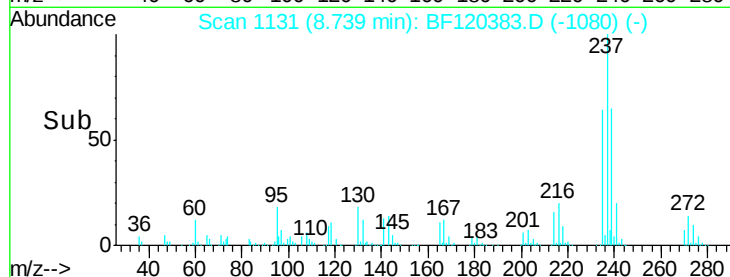
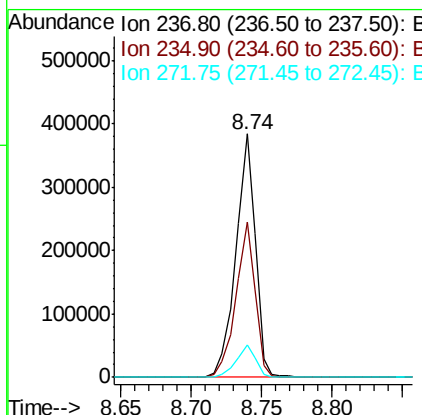
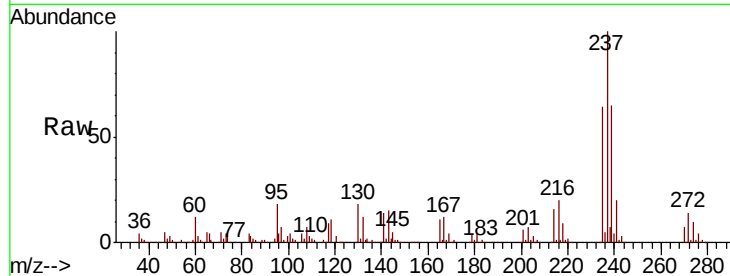
#41  
Hexachlorocyclopentadiene  
Concen: 87.303 ng  
RT: 8.74 min Scan# 1131  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 63.7  | 43.8       | 83.8       |
| 272     | 13.6  | 0.0        | 33.9       |

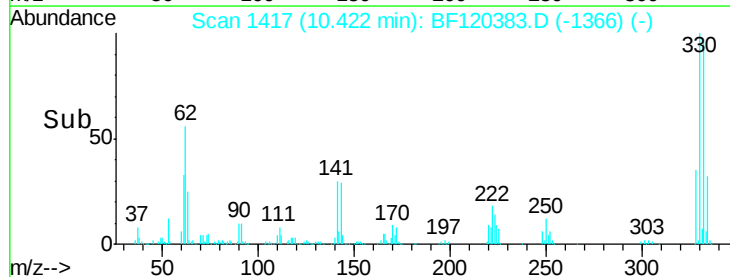
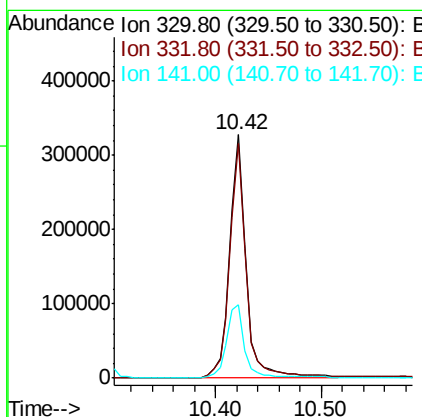
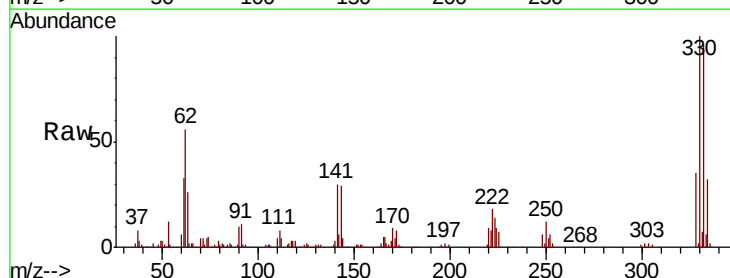
Manual Integrations  
APPROVED

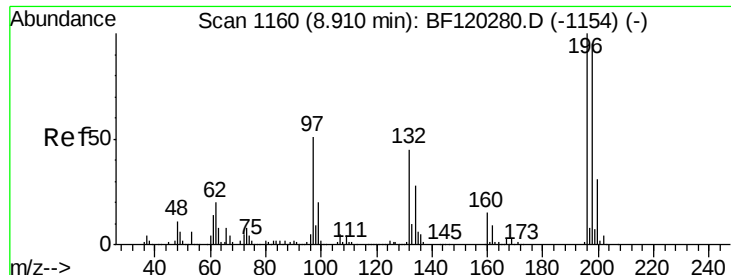
mohammad  
5/22/2020 2:55:52 PM



#42  
2,4,6-Tribromophenol  
Concen: 107.797 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 97.9  | 76.5       | 114.7      |
| 141     | 32.2  | 25.4       | 38.0       |





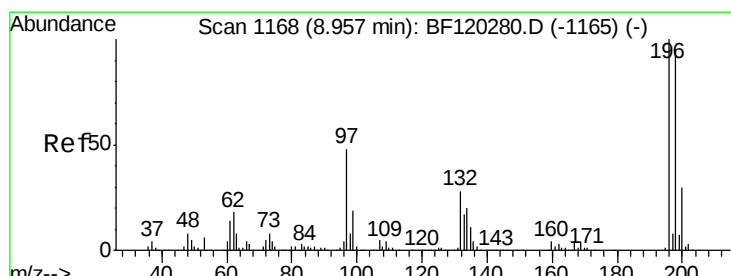
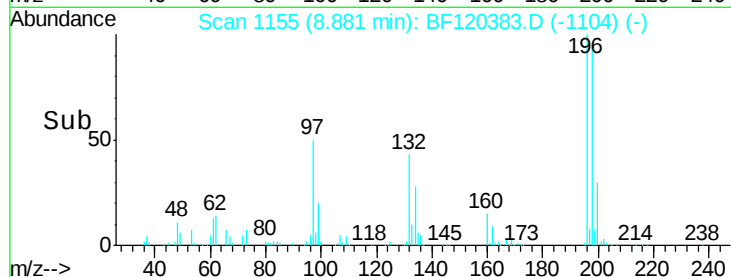
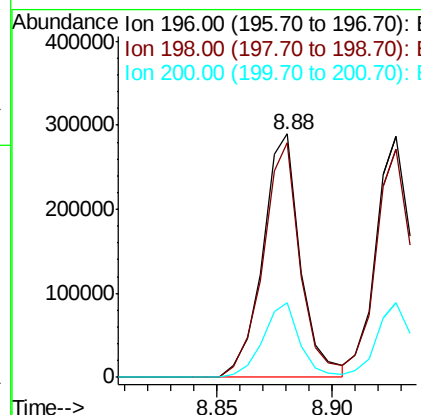
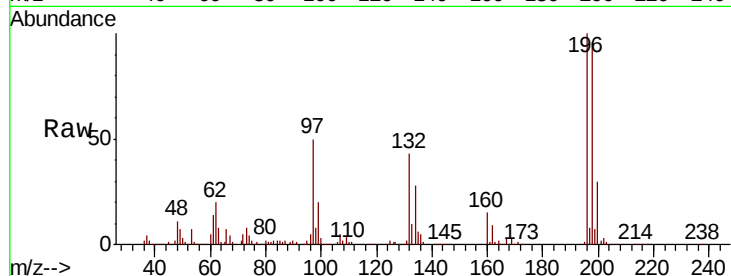
#43  
 2,4,6-Trichlorophenol  
 Concen: 48.086 ng  
 RT: 8.88 min Scan# 1155  
 Delta R.T. 0.00 min  
 Lab File: BF120383.D  
 Acq: 21 May 2020 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-3MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 329942 |       |       |
| 198     | 96.4  | 76.2   | 114.4 |       |
| 200     | 30.5  | 24.9   | 37.3  |       |

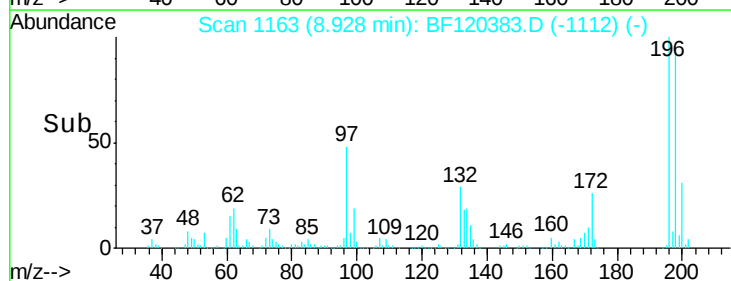
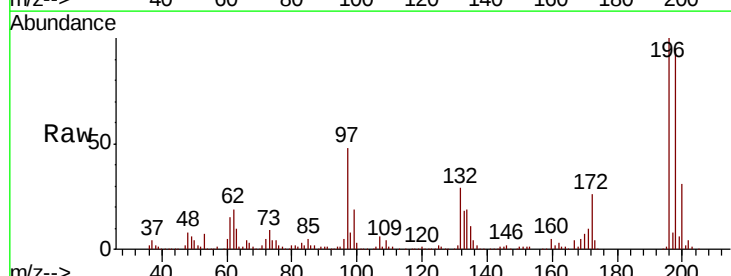
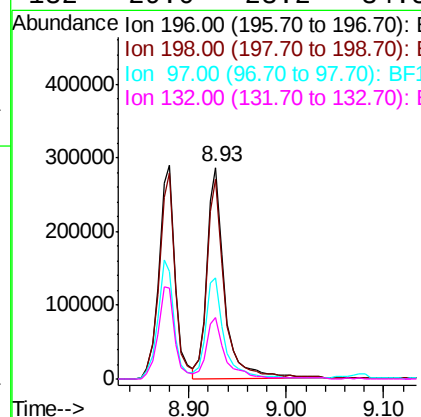
Manual Integrations  
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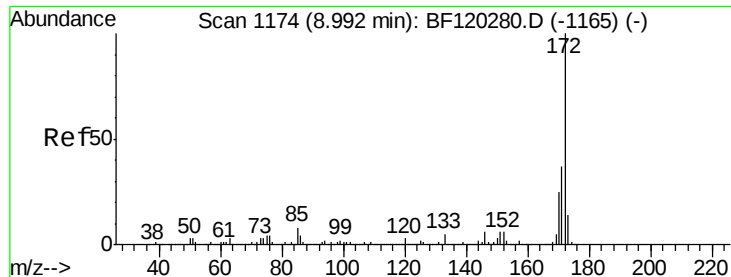
mohammad  
 5/22/2020 2:55:52 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.210 ng  
 RT: 8.93 min Scan# 1163  
 Delta R.T. 0.00 min  
 Lab File: BF120383.D  
 Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 356248 |       |       |
| 198     | 94.7  | 76.2   | 114.4 |       |
| 97      | 47.8  | 38.6   | 57.8  |       |
| 132     | 29.0  | 23.2   | 34.8  |       |





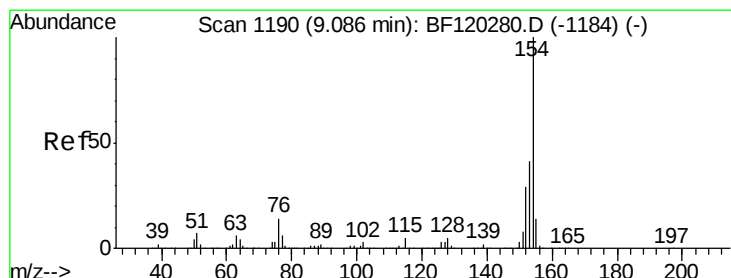
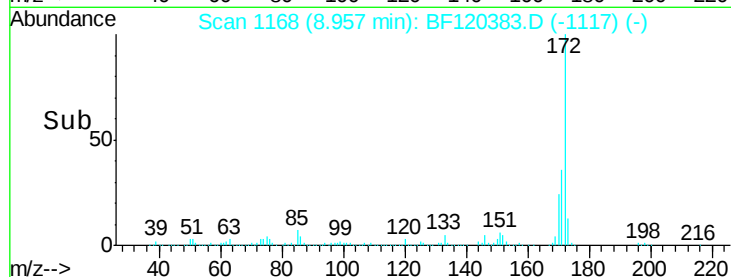
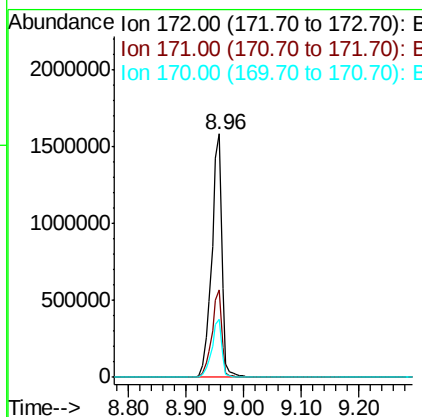
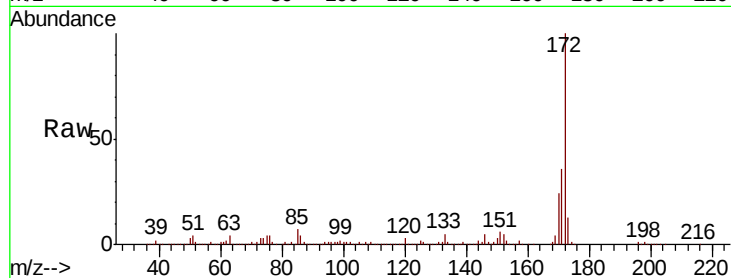
#45  
2-Fluorobiphenyl  
Concen: 98.899 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.8  | 29.7  | 44.5  |
| 170     | 24.0  | 19.9  | 29.9  |

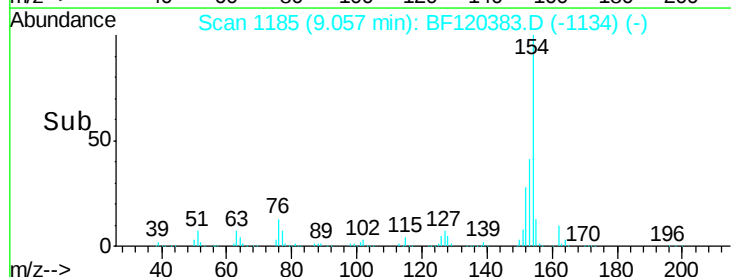
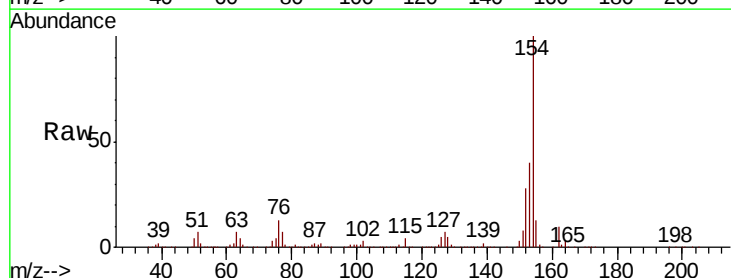
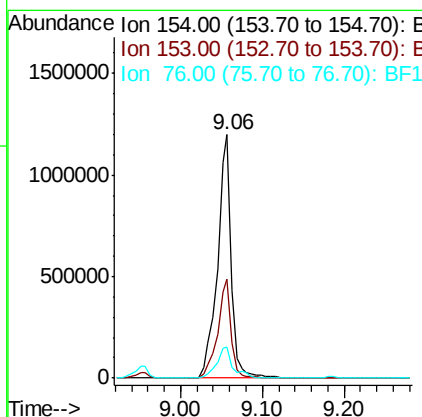
Manual Integrations  
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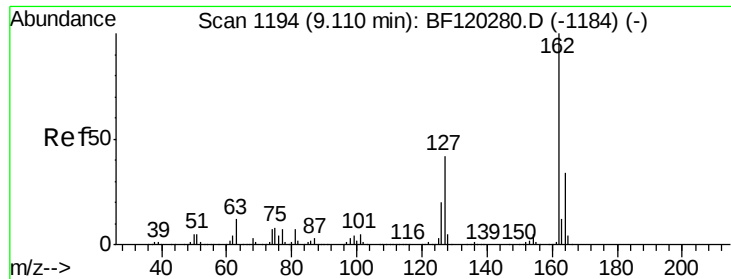
mohammad  
5/22/2020 2:55:52 PM



#46  
1,1'-Biphenyl  
Concen: 53.454 ng  
RT: 9.06 min Scan# 1185  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.4  | 20.8  | 60.8  |
| 76      | 12.6  | 0.0   | 34.3  |





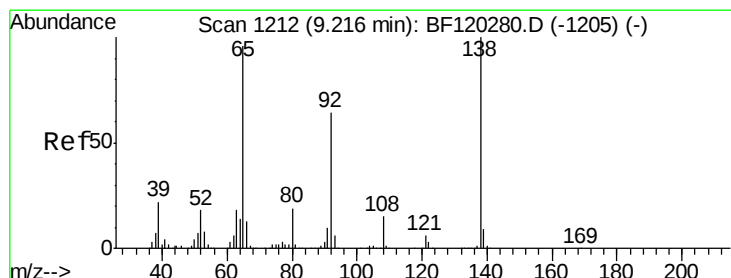
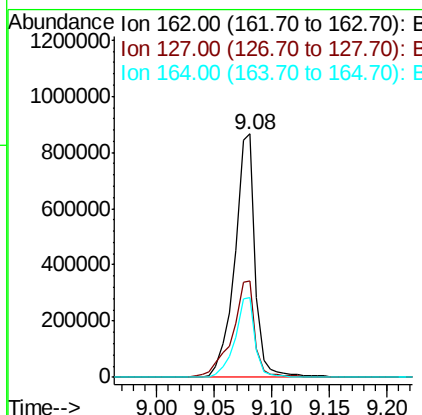
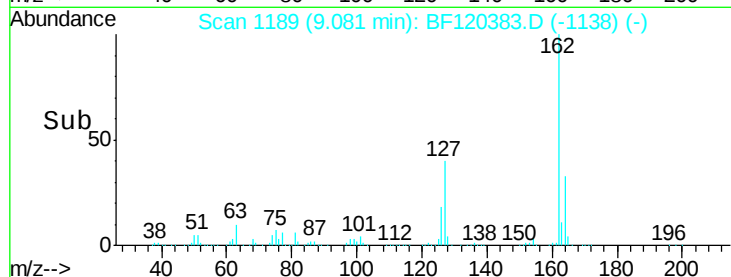
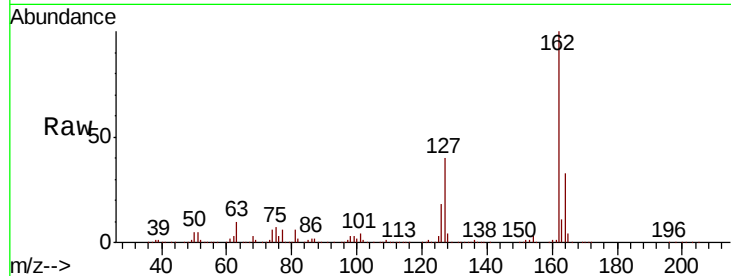
#47  
 2-Chloronaphthalene  
 Concen: 49.883 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. 0.00 min  
 Lab File: BF120383.D  
 Acq: 21 May 2020 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-3MSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 162   | Resp: | 1062834 |
| Ion Ratio | Lower | Upper |         |
| 162       | 100   |       |         |
| 127       | 39.6  | 33.4  | 50.0    |
| 164       | 32.8  | 27.0  | 40.6    |

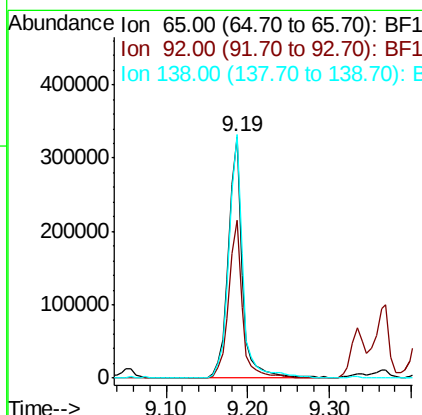
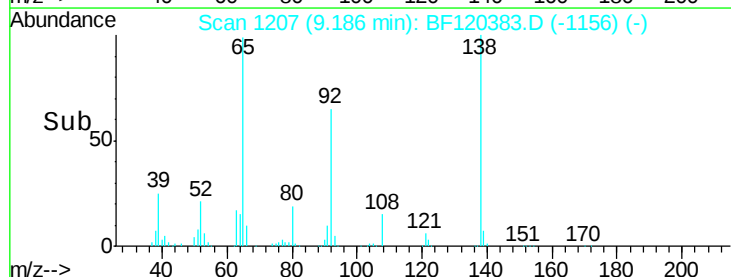
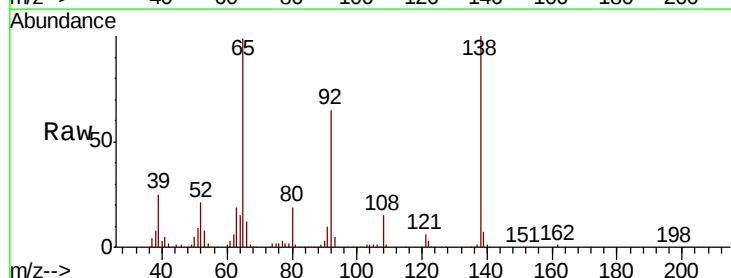
Manual Integrations  
 APPROVED

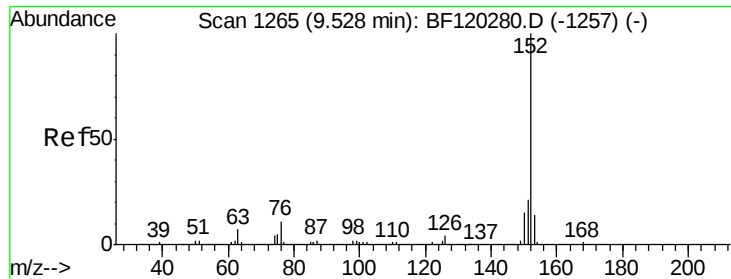
mohammad  
 5/22/2020 2:55:52 PM



#48  
 2-Nitroaniline  
 Concen: 50.066 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. 0.00 min  
 Lab File: BF120383.D  
 Acq: 21 May 2020 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 389206 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 65.7  | 52.9  | 79.3   |
| 138       | 101.0 | 83.0  | 124.4  |





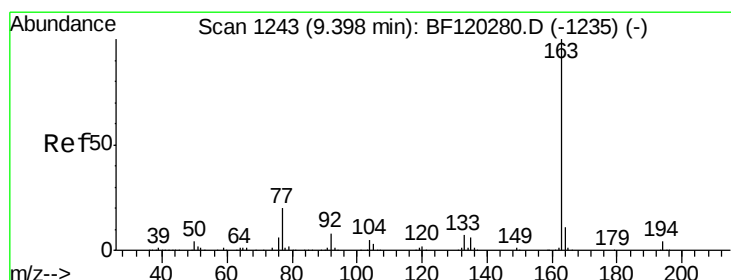
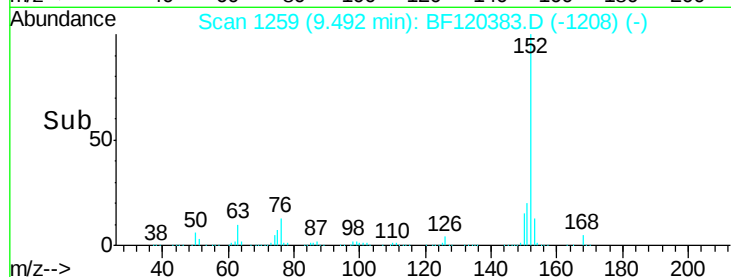
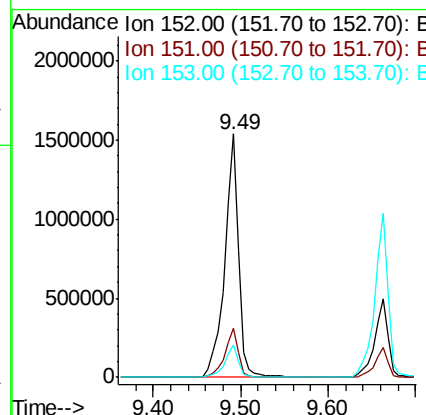
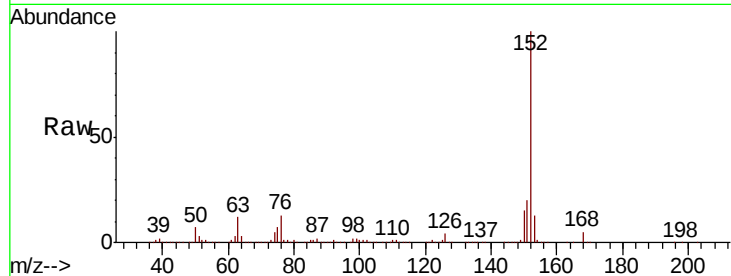
#49  
Acenaphthylene  
Concen: 52.331 ng  
RT: 9.49 min Scan# 1259  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 16.6  | 25.0  |
| 153     | 13.3  | 11.1  | 16.7  |

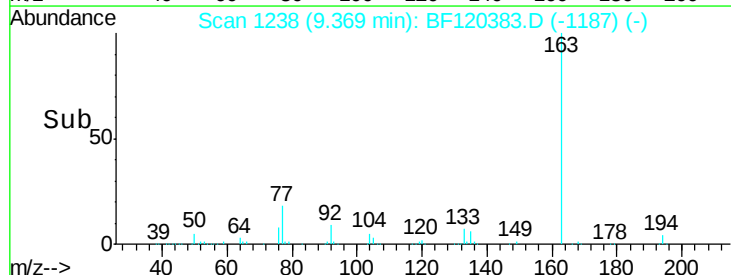
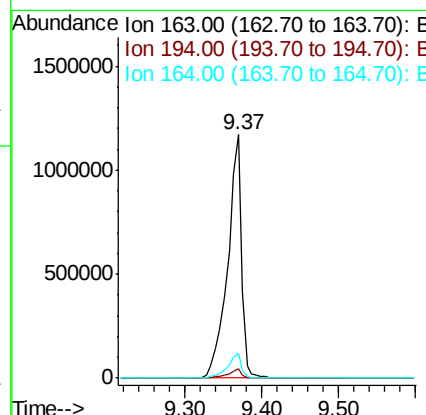
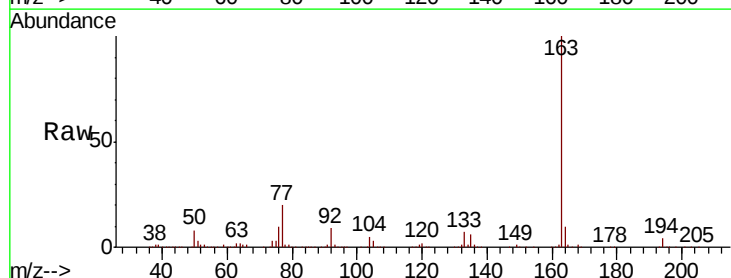
Manual Integrations  
APPROVED

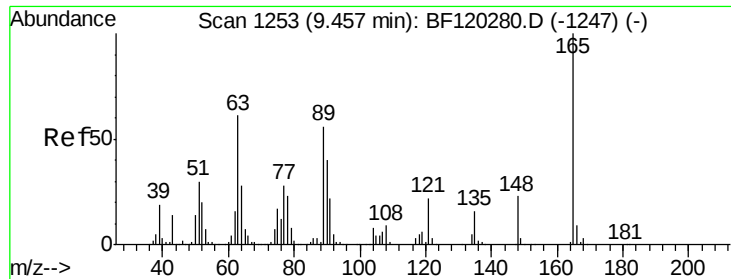
mohammad  
5/22/2020 2:55:52 PM



#50  
Dimethylphthalate  
Concen: 57.246 ng  
RT: 9.37 min Scan# 1238  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 3.1   | 4.7   |
| 164     | 10.1  | 8.6   | 12.8  |





#51

2,6-Dinitrotoluene

Concen: 48.472 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Instrument :

BNA\_F

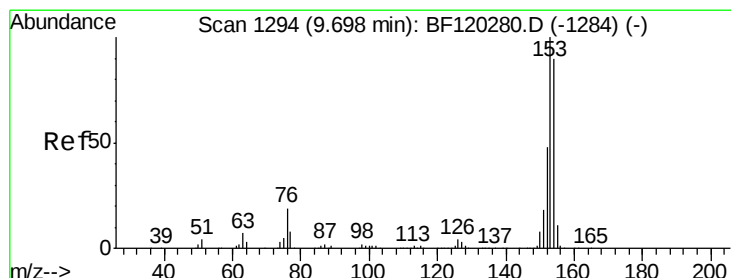
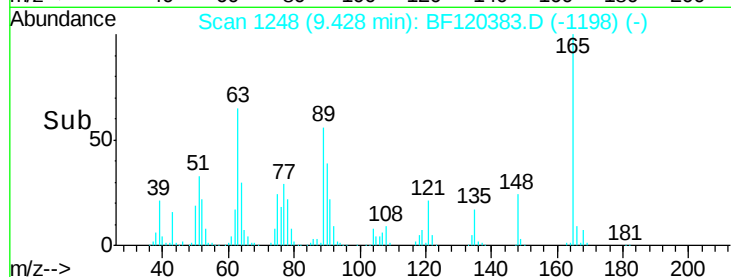
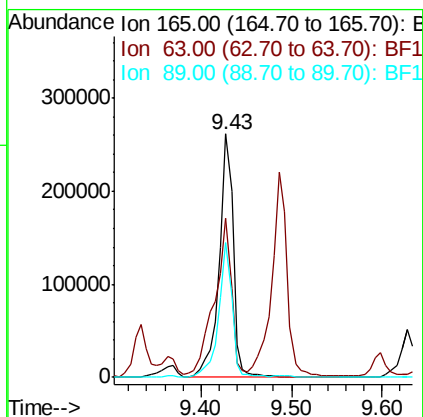
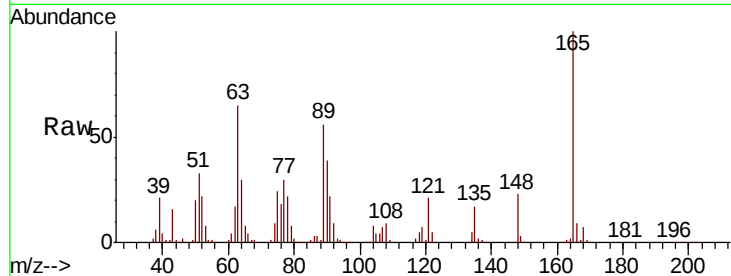
ClientSampleId :

COMP-3MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 277240 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 65.2  | 50.2  | 75.2   |
| 89        | 55.6  | 44.6  | 66.8   |

Manual Integrations  
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#52

Acenaphthene

Concen: 50.866 ng

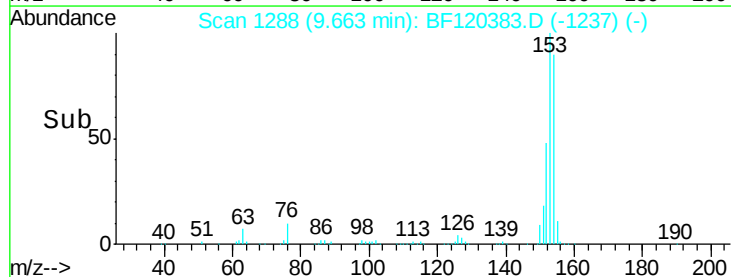
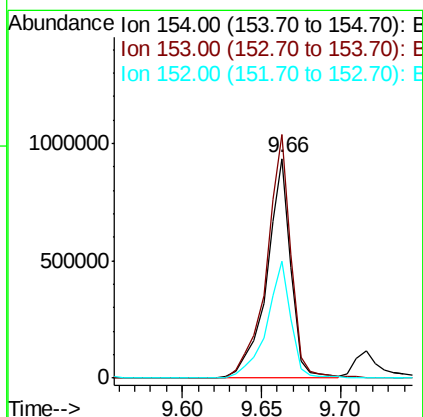
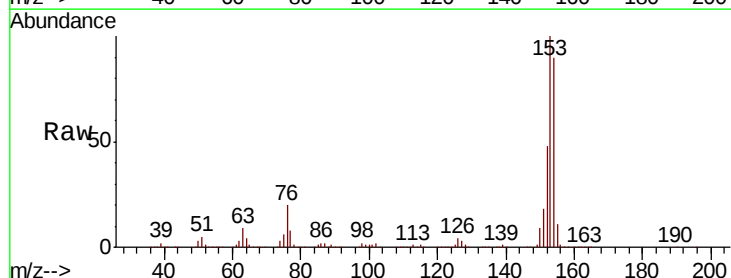
RT: 9.66 min Scan# 1288

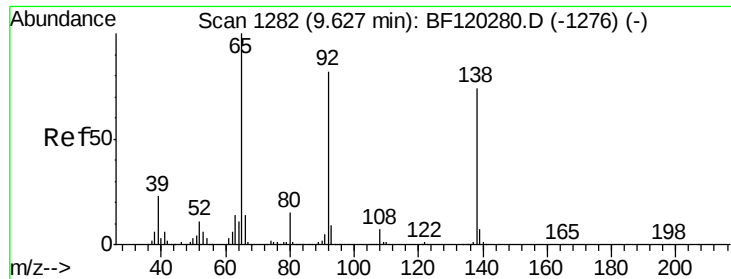
Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 992322 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 110.8 | 89.0  | 133.4  |
| 152       | 52.9  | 42.6  | 64.0   |





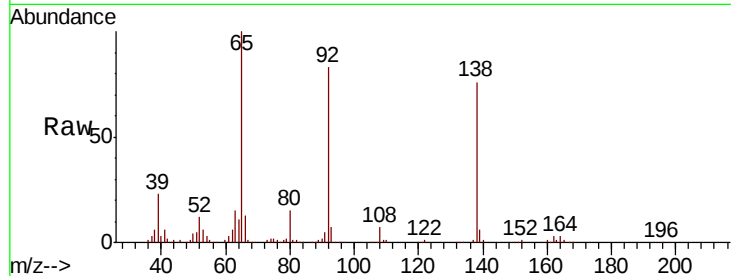
#53  
3-Nitroaniline  
Concen: 22.862 ng  
RT: 9.60 min Scan# 1277  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

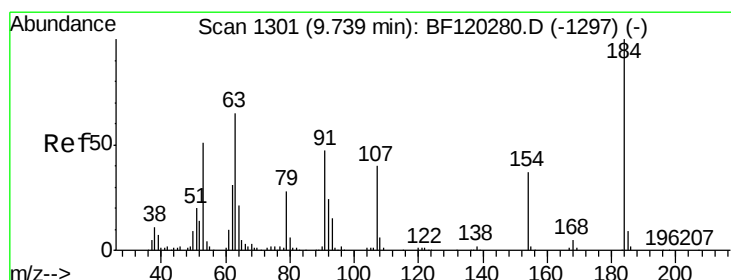
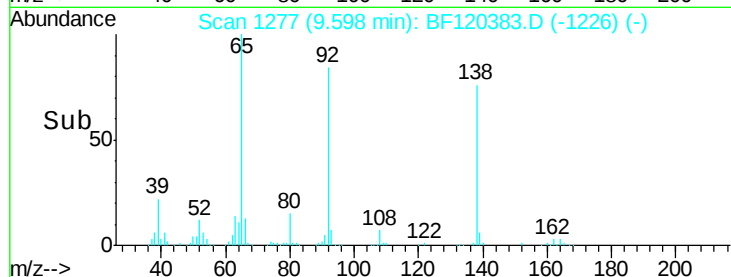
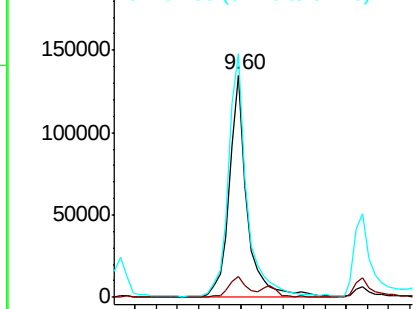
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 155933 |       |       |
| 108     | 9.2   | 8.2    | 12.2  |       |
| 92      | 109.7 | 89.6   | 134.4 |       |

Manual Integrations  
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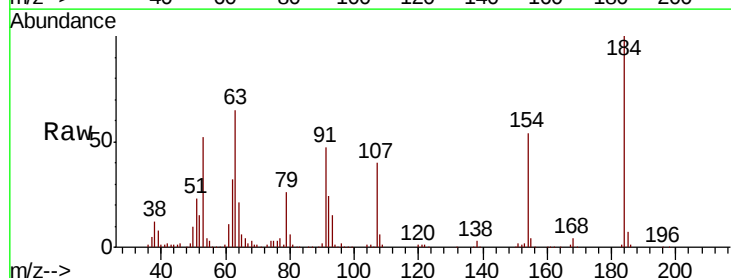


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

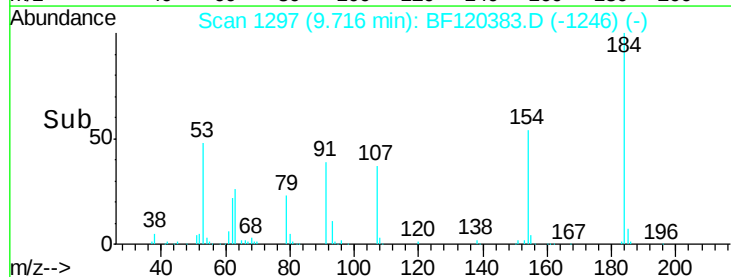
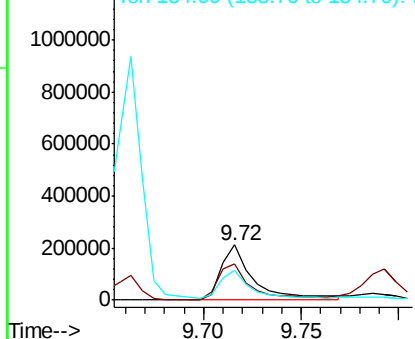


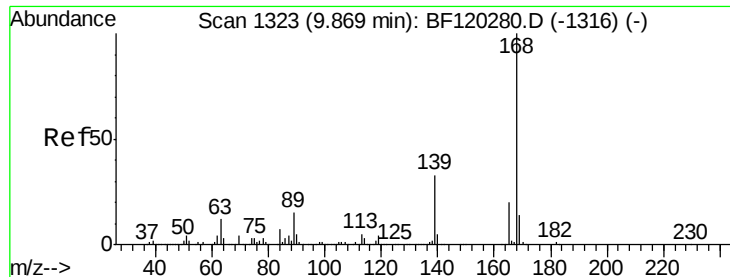
#54  
2,4-Dinitrophenol  
Concen: 91.888 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 248081 |       |       |
| 63      | 65.3  | 53.6   | 80.4  |       |
| 154     | 54.4  | 46.8   | 70.2  |       |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E





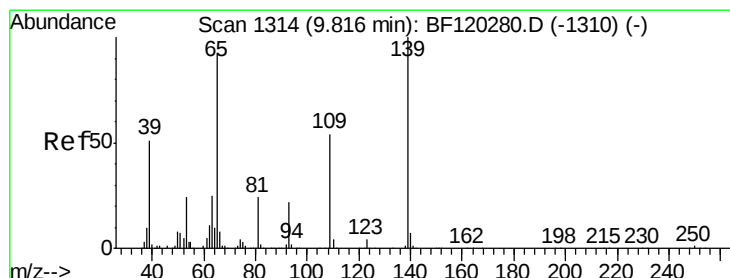
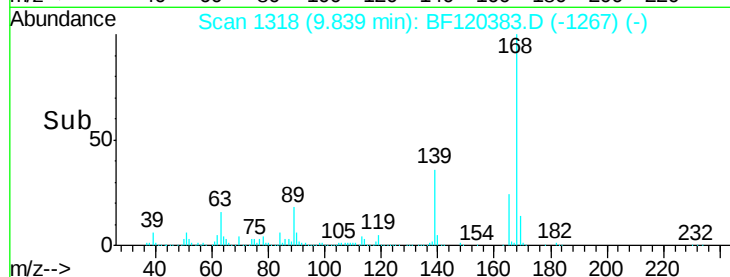
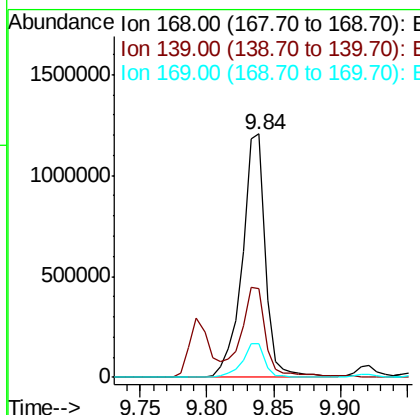
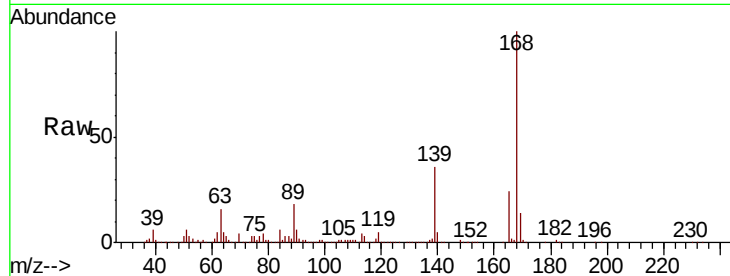
#55  
Dibenzofuran  
Concen: 51.235 ng  
RT: 9.84 min Scan# 1318  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.2  | 29.8  | 44.6  |
| 169     | 13.7  | 11.0  | 16.6  |

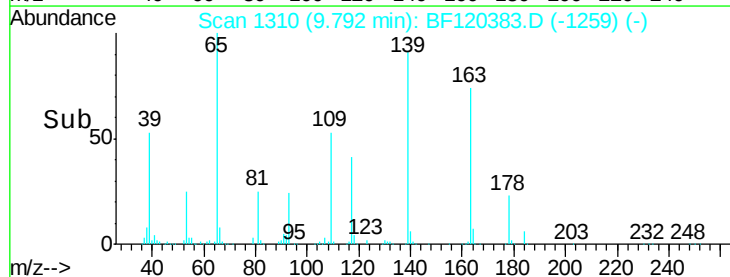
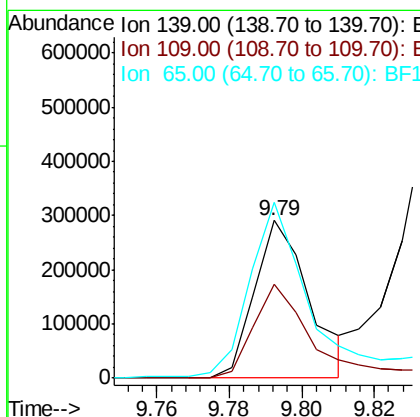
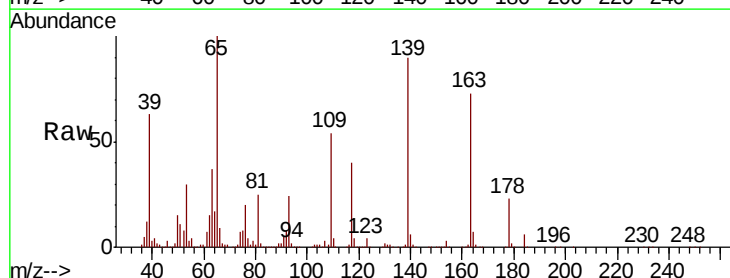
Manual Integrations  
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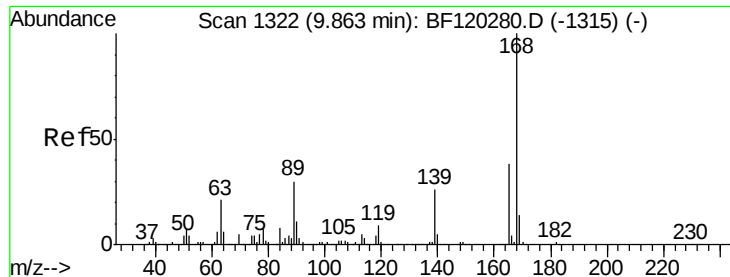
mohammad  
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#56  
4-Nitrophenol  
Concen: 83.245 ng  
RT: 9.79 min Scan# 1310  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 59.8  | 34.6  | 74.6  |
| 65      | 111.6 | 73.3  | 113.3 |





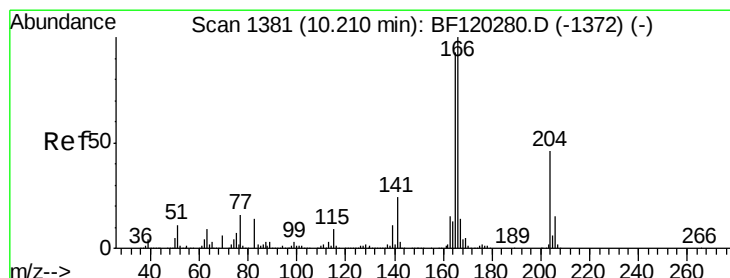
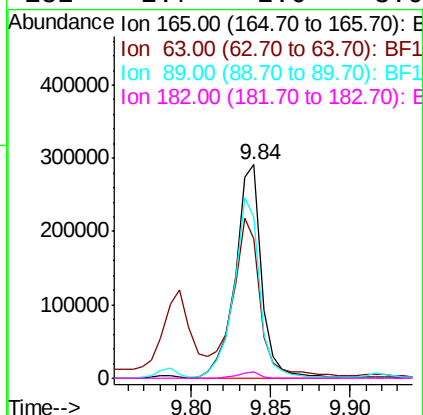
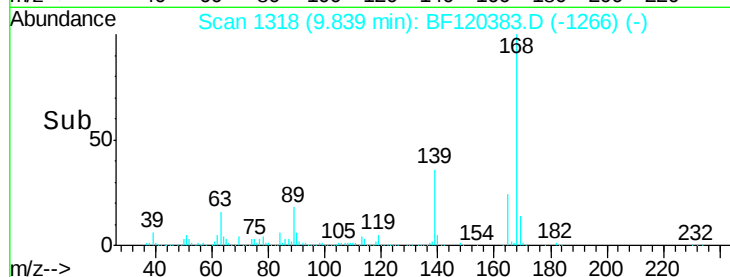
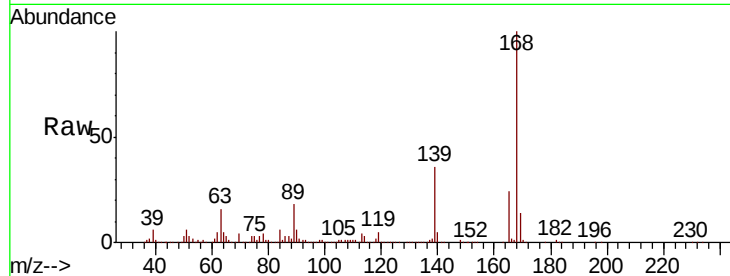
#57  
 2,4-Dinitrotoluene  
 Concen: 49.268 ng  
 RT: 9.84 min Scan# 1318  
 Delta R.T. 0.01 min  
 Lab File: BF120383.D  
 Acq: 21 May 2020 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-3MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 65.4  | 51.8 | 77.8  |       |
| 89      | 75.8  | 64.2 | 96.4  |       |
| 182     | 2.7   | 2.0  | 3.0   |       |

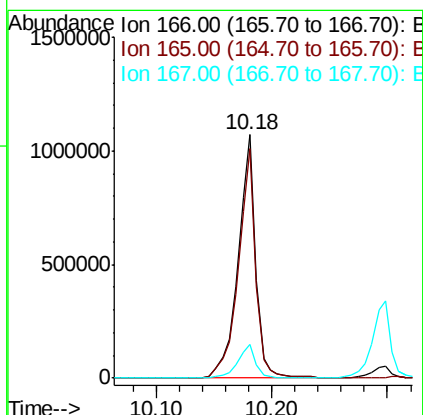
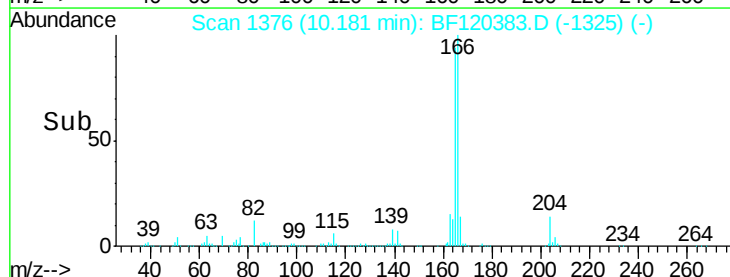
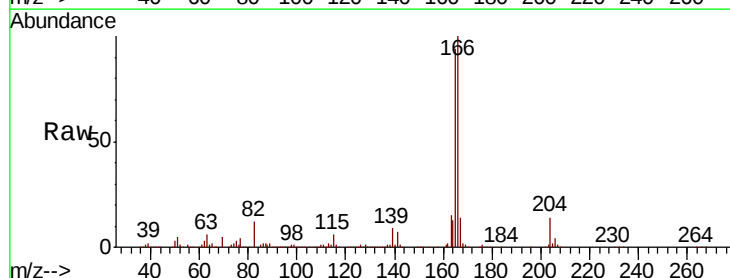
Manual Integrations  
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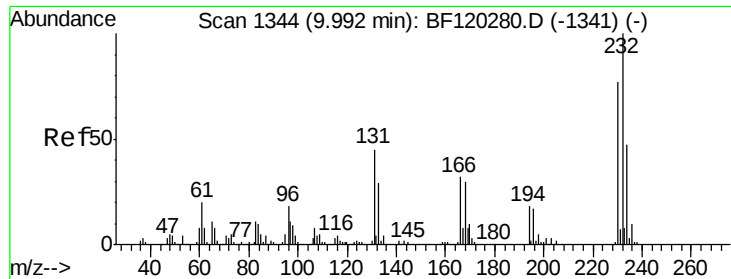
mohammad  
 5/22/2020 2:55:52 PM



#58  
 Fluorene  
 Concen: 52.685 ng  
 RT: 10.18 min Scan# 1376  
 Delta R.T. 0.00 min  
 Lab File: BF120383.D  
 Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 94.4  | 74.7 | 112.1 |       |
| 167     | 13.7  | 11.4 | 17.0  |       |





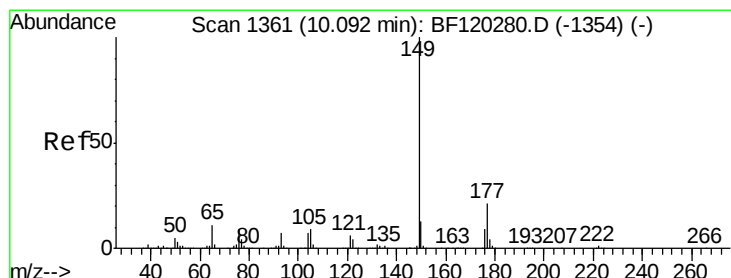
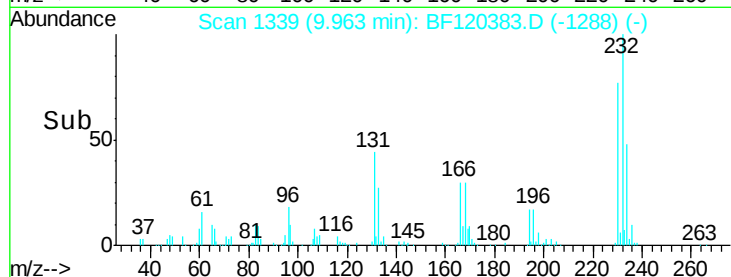
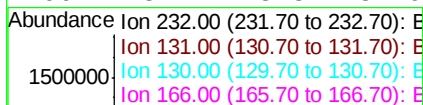
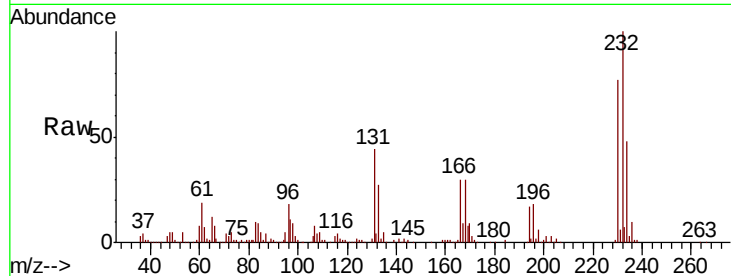
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.486 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 232     | 100  |       | 299390 |       |       |
| 131     | 42.8 | 34.1  | 51.1   |       |       |
| 130     | 2.0  | 1.7   | 2.5    |       |       |
| 166     | 28.1 | 23.3  | 34.9   |       |       |

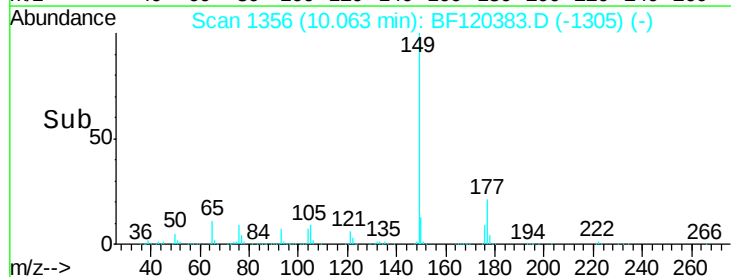
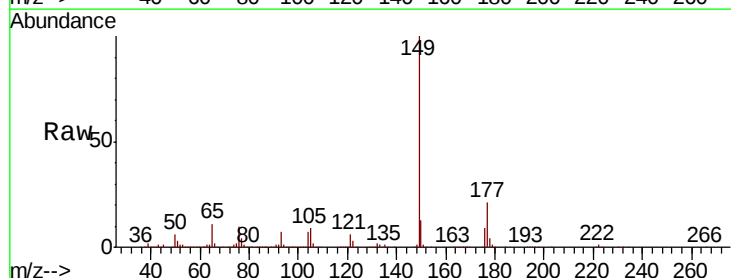
Manual Integrations  
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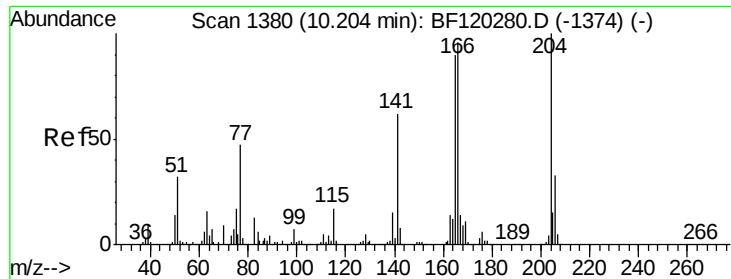
mohammad  
5/22/2020 2:55:52 PM



#60  
Diethylphthalate  
Concen: 48.260 ng  
RT: 10.06 min Scan# 1356  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 149     | 100  |       | 1193975 |       |       |
| 177     | 21.0 | 17.1  | 25.7    |       |       |
| 150     | 12.6 | 10.3  | 15.5    |       |       |





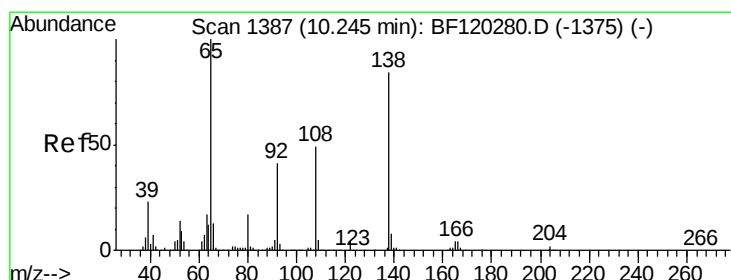
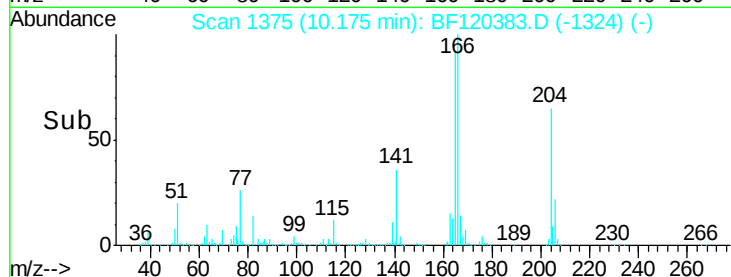
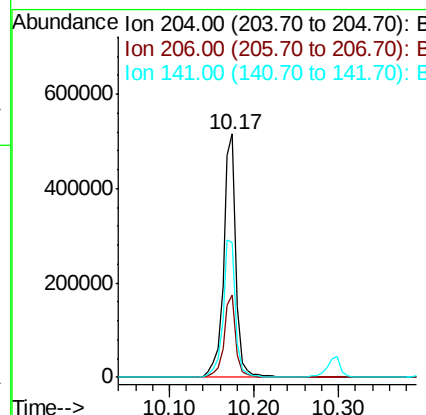
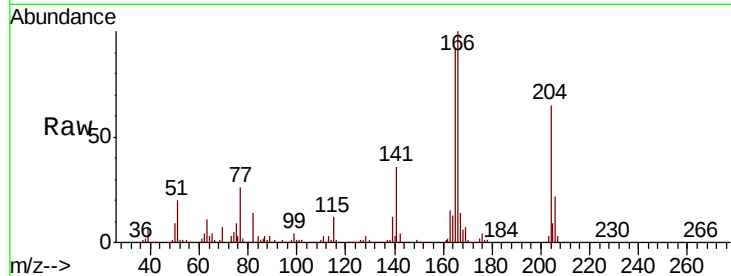
#61  
4-Chlorophenyl-phenylether  
Concen: 48.021 ng  
RT: 10.17 min Scan# 1375  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.7  | 26.8  | 40.2  |
| 141     | 55.5  | 49.5  | 74.3  |

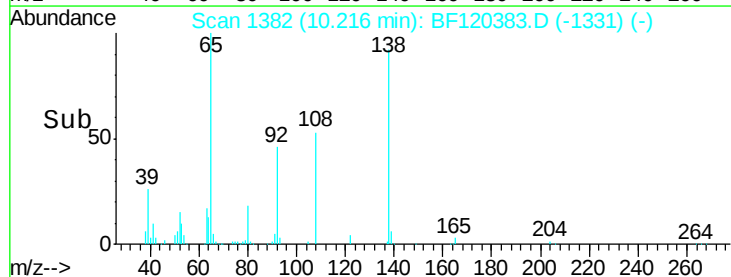
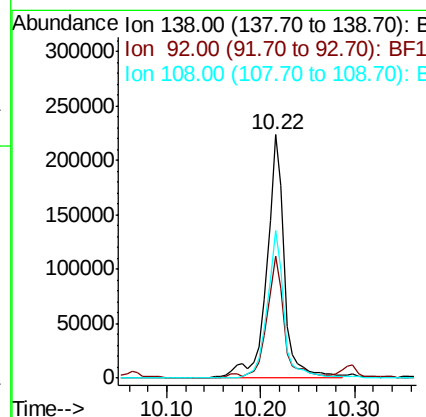
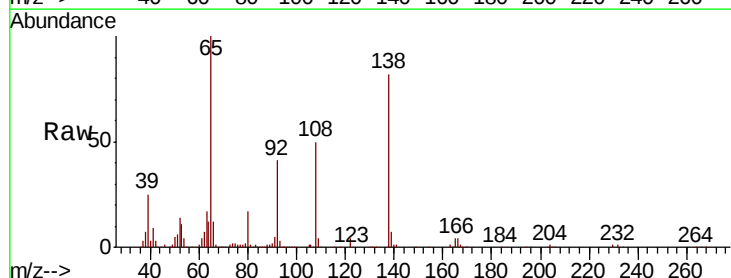
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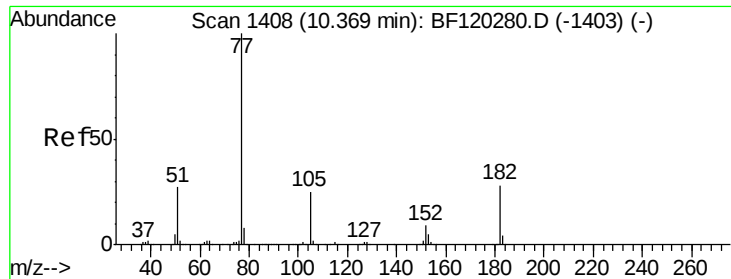
mohammad  
5/22/2020 2:55:52 PM



#62  
4-Nitroaniline  
Concen: 46.107 ng  
RT: 10.22 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.3  | 28.9  | 68.9  |
| 108     | 60.9  | 38.4  | 78.4  |





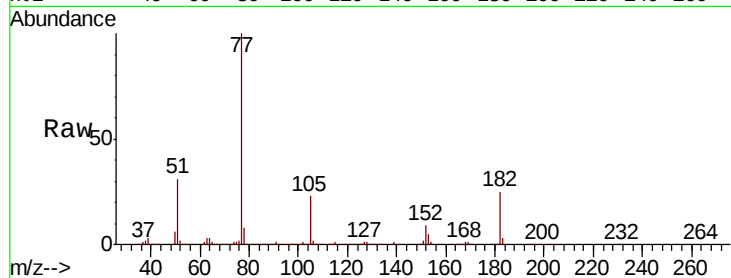
#63  
Azobenzene  
Concen: 51.204 ng  
RT: 10.33 min Scan# 1402  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

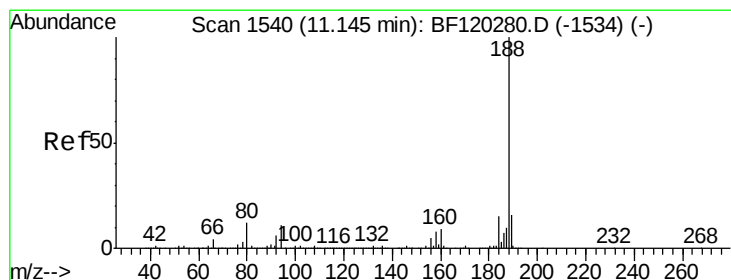
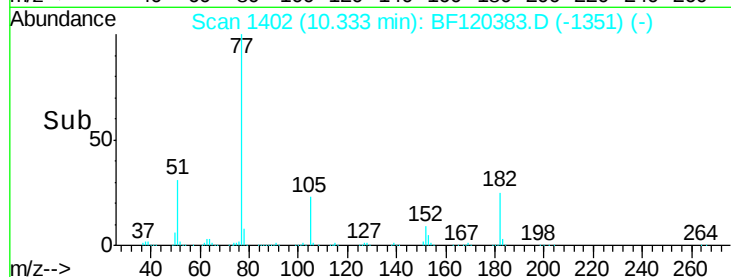
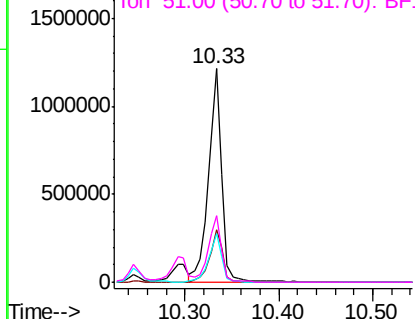
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.8  | 7.4   | 47.4  |
| 105     | 23.0  | 4.4   | 44.4  |
| 51      | 31.2  | 8.3   | 48.3  |

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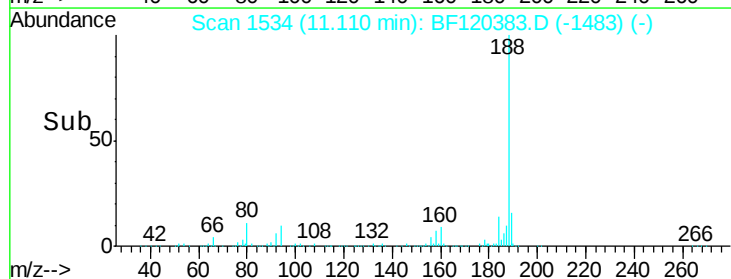
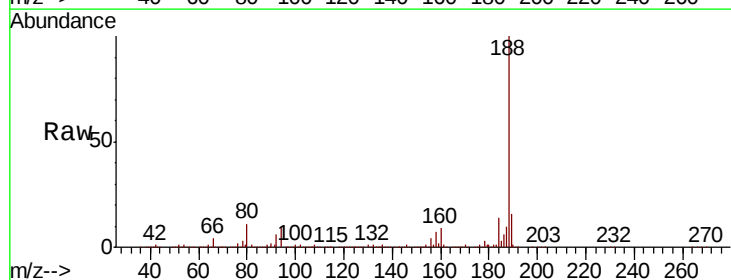
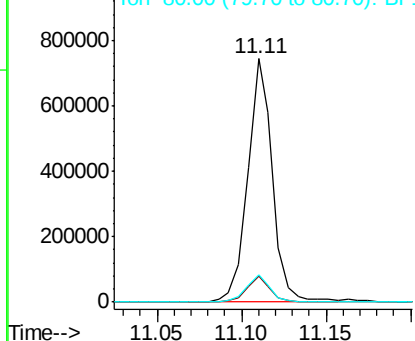
Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

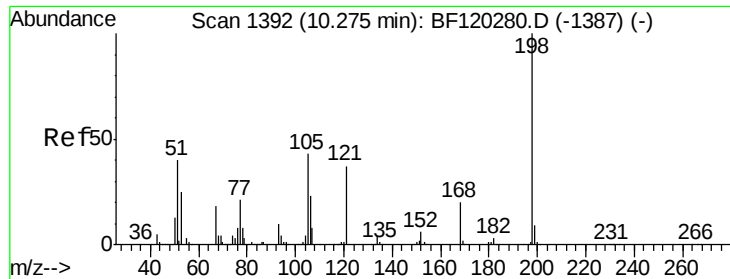


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.11 min Scan# 1534  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.5  | 8.6   | 13.0  |
| 80      | 11.2  | 9.2   | 13.8  |

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





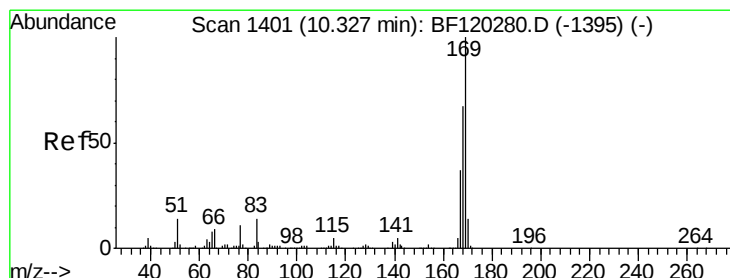
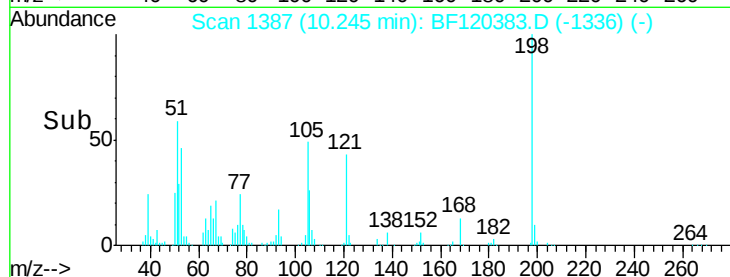
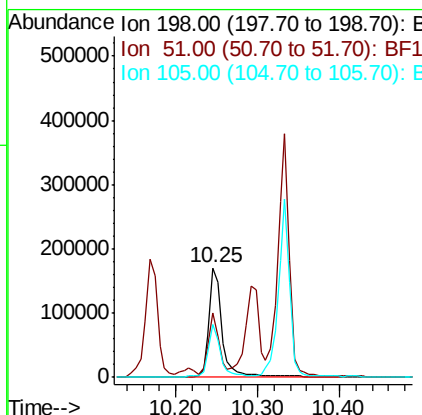
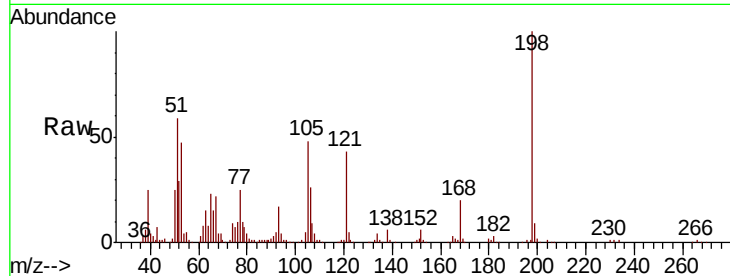
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 50.729 ng  
 RT: 10.25 min Scan# 1387  
 Delta R.T. 0.00 min  
 Lab File: BF120383.D  
 Acq: 21 May 2020 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-3MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 194775 |       |       |
| 51      | 58.9  | 27.1   | 67.1  |       |
| 105     | 48.3  | 24.3   | 64.3  |       |

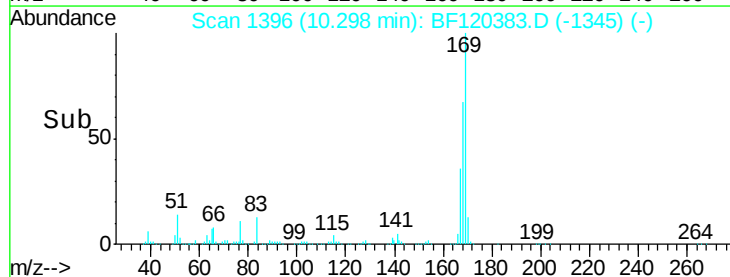
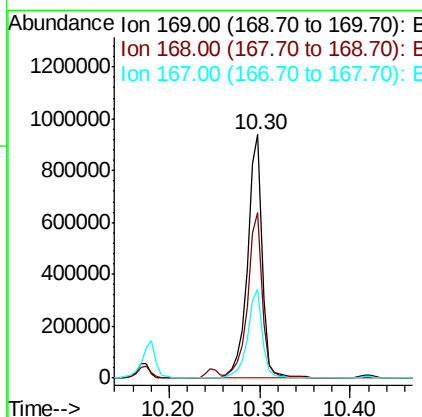
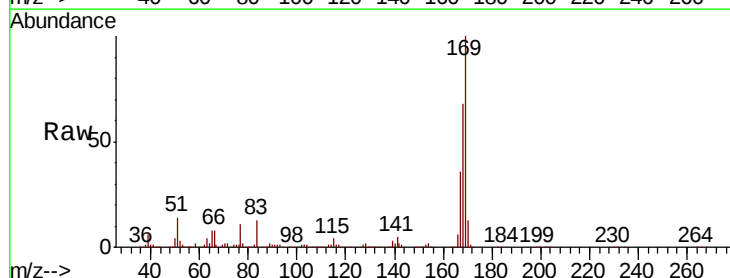
Manual Integrations  
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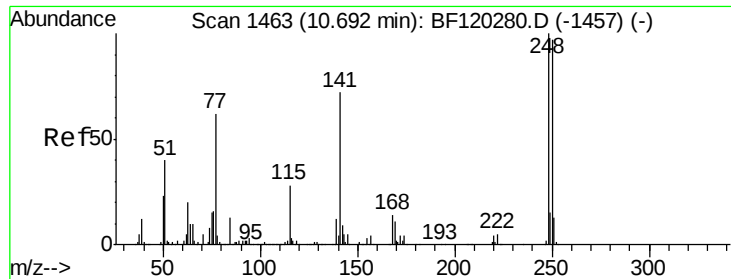
mohammad  
 5/22/2020 2:55:52 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 49.542 ng  
 RT: 10.30 min Scan# 1396  
 Delta R.T. 0.00 min  
 Lab File: BF120383.D  
 Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1040574 |       |       |
| 168     | 68.0  | 53.7    | 80.5  |       |
| 167     | 36.4  | 29.8    | 44.6  |       |





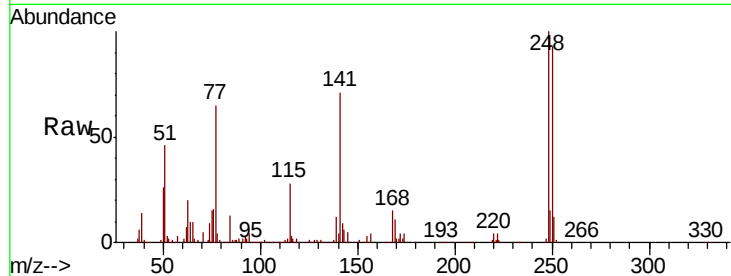
#67  
4-Bromophenyl-phenylether  
Concen: 45.298 ng  
RT: 10.66 min Scan# 1457  
Delta R.T. -0.01 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 93.1  | 77.8  | 116.6 |
| 141     | 71.3  | 57.7  | 86.5  |

Manual Integrations  
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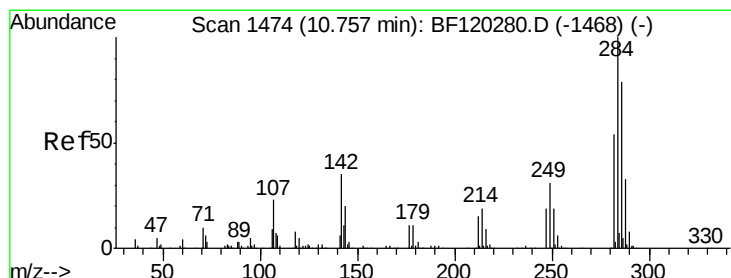
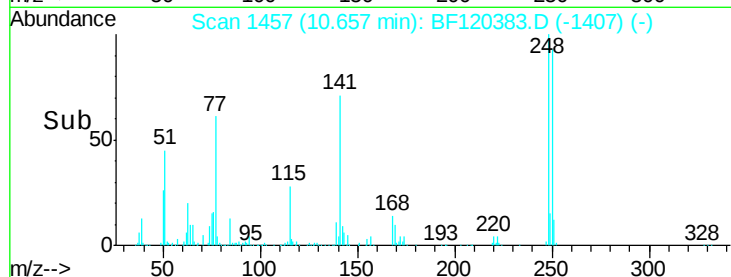
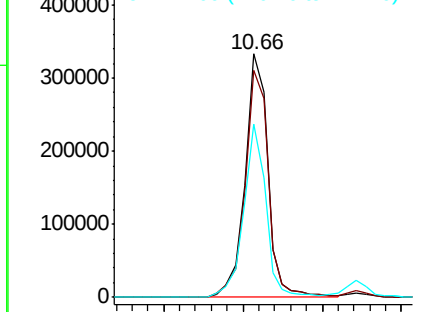


Abundance

Ion 248.00 (247.70 to 248.70): E

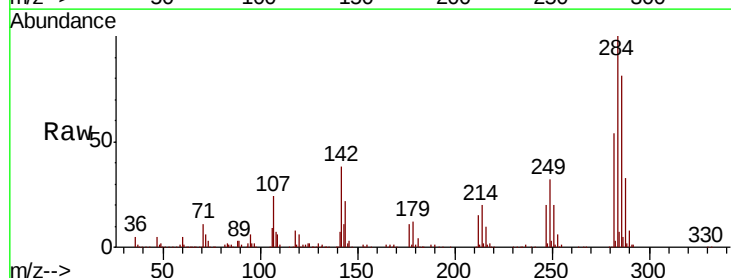
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 46.784 ng  
RT: 10.72 min Scan# 1468  
Delta R.T. -0.01 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 38.0  | 28.5  | 42.7  |
| 249     | 31.9  | 24.8  | 37.2  |

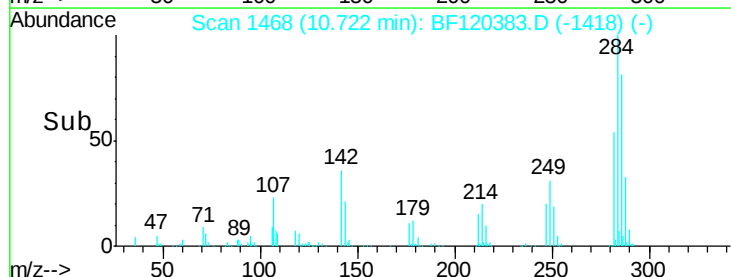
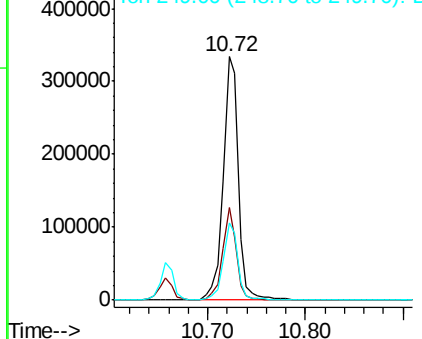


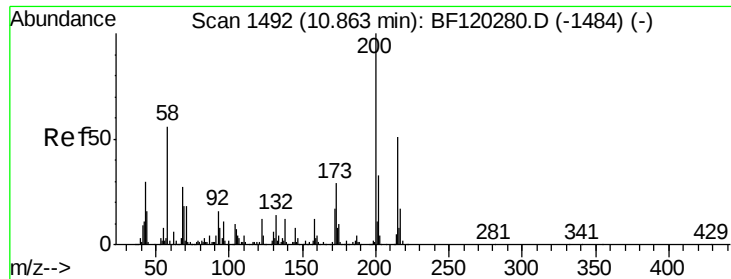
Abundance

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





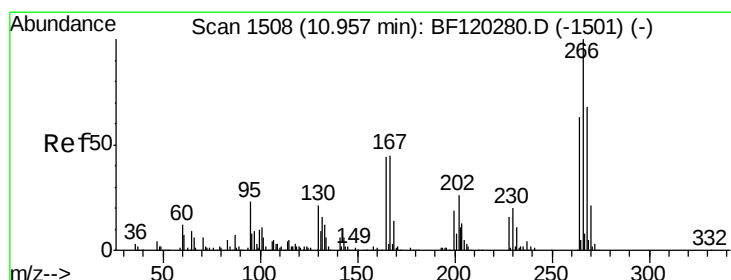
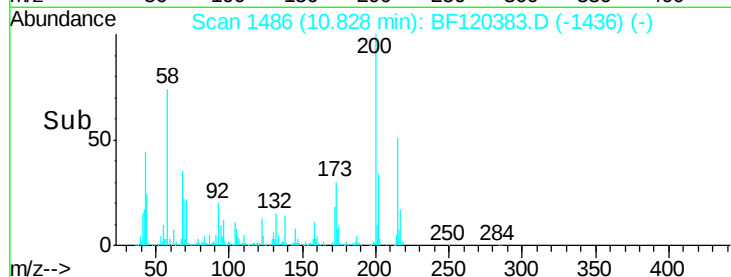
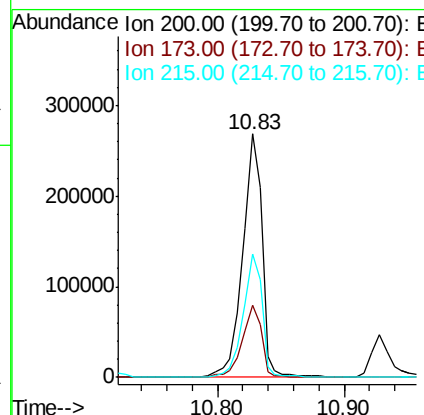
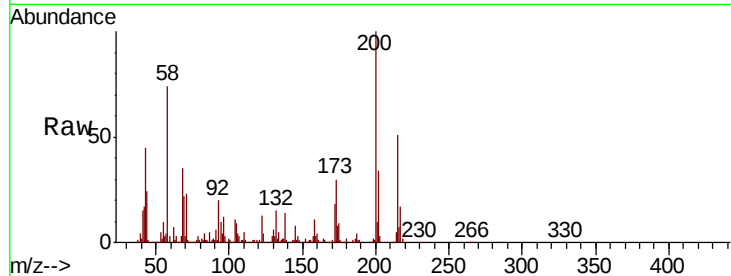
#69  
Atrazine  
Concen: 44.845 ng  
RT: 10.83 min Scan# 1486  
Delta R.T. -0.01 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 281849 |       |       |
| 173     | 29.7  | 8.7    | 48.7  |       |
| 215     | 50.6  | 30.6   | 70.6  |       |

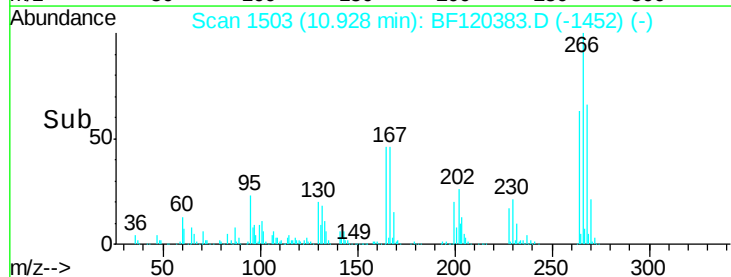
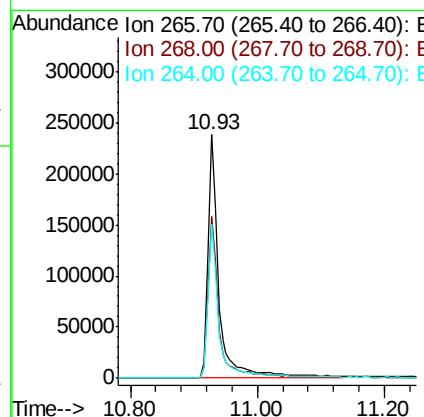
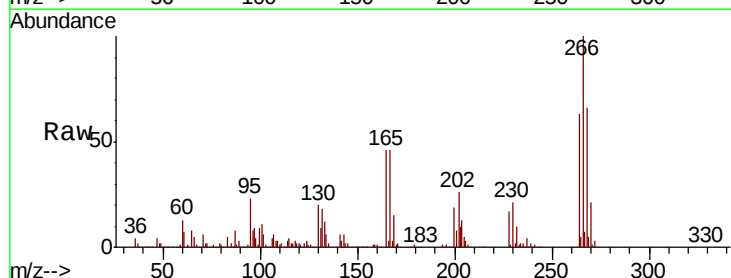
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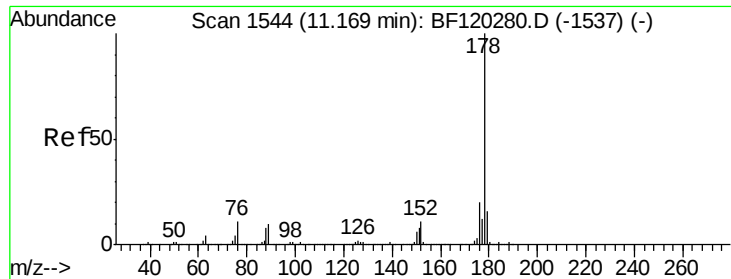
mohammad  
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#70  
Pentachlorophenol  
Concen: 87.425 ng  
RT: 10.93 min Scan# 1503  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 286577 |       |       |
| 268     | 66.3  | 54.2   | 81.4  |       |
| 264     | 63.1  | 50.2   | 75.4  |       |





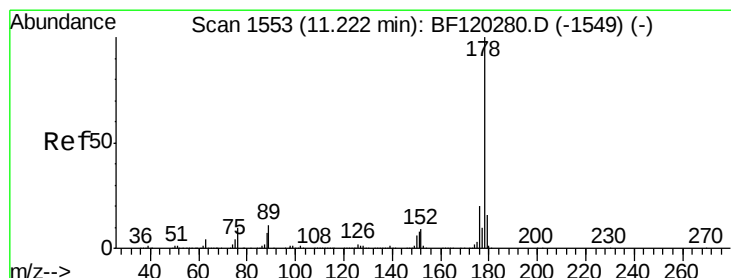
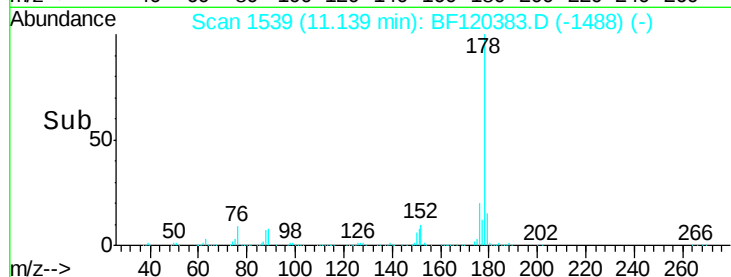
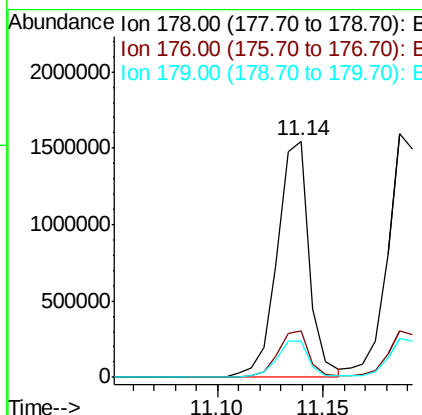
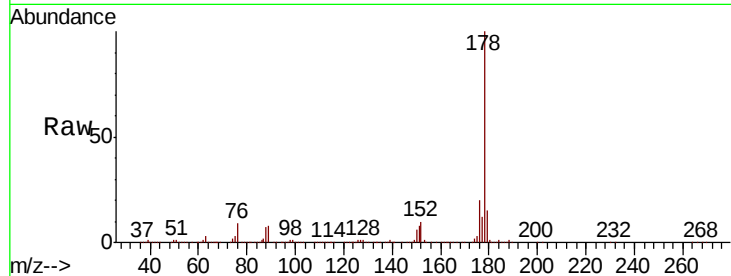
#71  
Phenanthrene  
Concen: 51.252 ng  
RT: 11.14 min Scan# 1539  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

Tot Ion:178 Resp: 1635020  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.8 23.8  
179 15.4 12.8 19.2

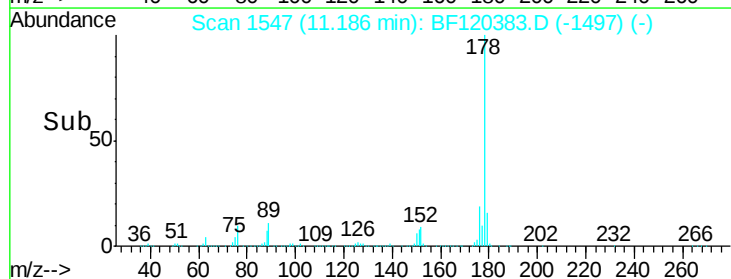
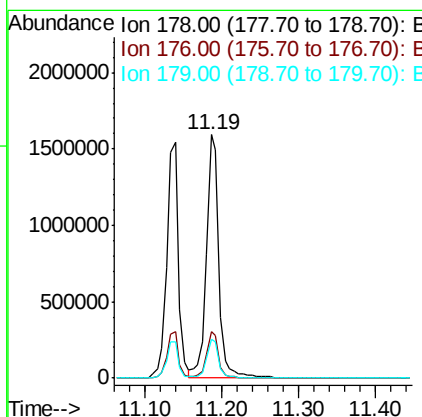
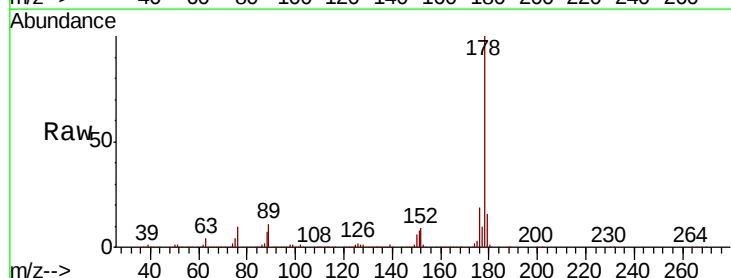
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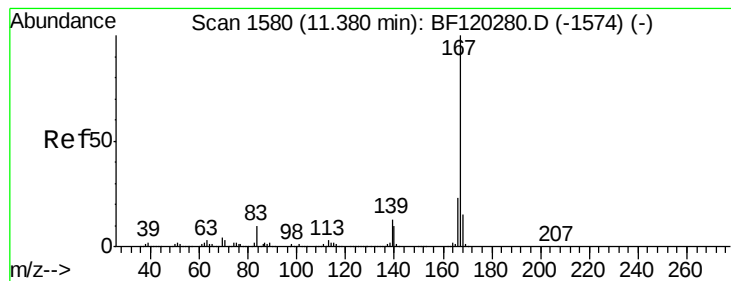
mohammad  
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#72  
Anthracene  
Concen: 52.279 ng  
RT: 11.19 min Scan# 1547  
Delta R.T. -0.01 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Tgt Ion:178 Resp: 1785422  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.7 23.5  
179 16.2 13.0 19.6





#73

Carbazole

Concen: 51.123 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Instrument :

BNA\_F

ClientSampleId :

COMP-3MSD

Tot Ion:167 Resp: 1631320

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

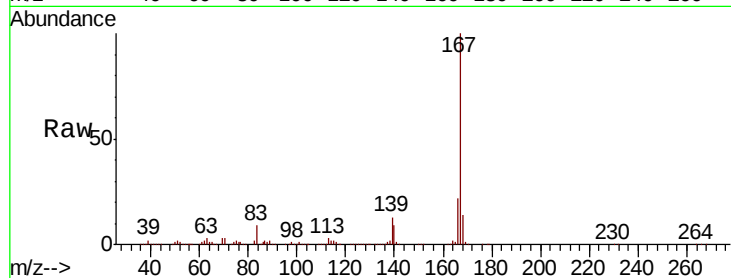
139 12.6 10.6 15.8

Manual Integrations

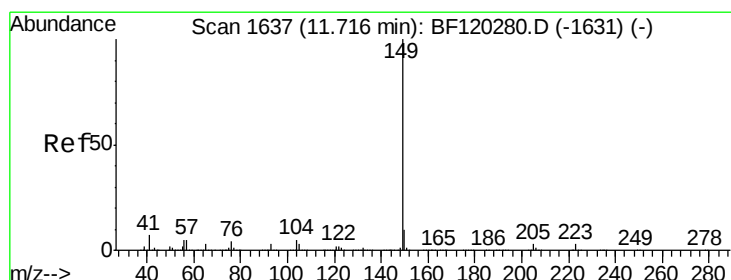
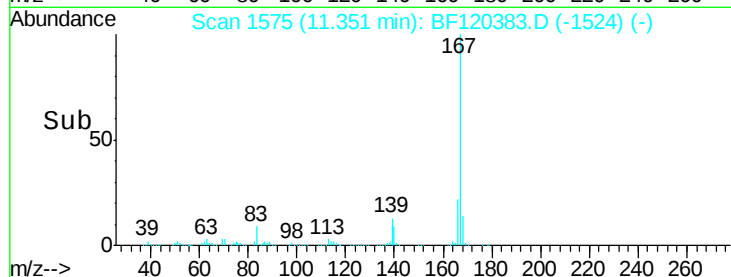
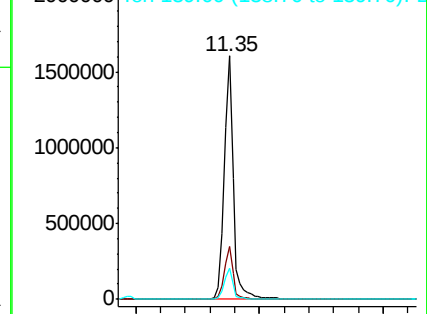
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Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.757 ng

RT: 11.68 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

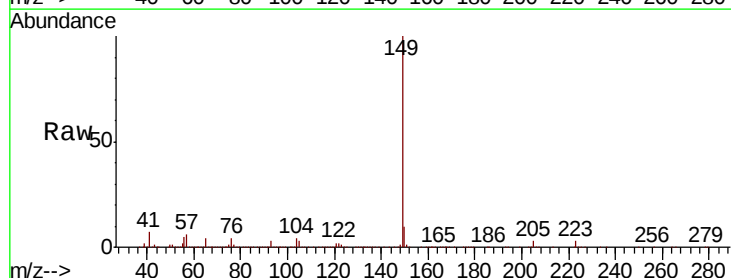
Tgt Ion:149 Resp: 1875082

Ion Ratio Lower Upper

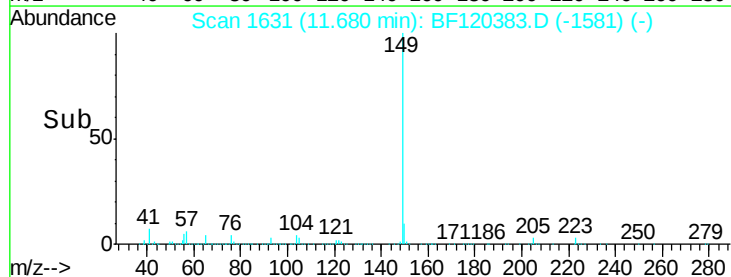
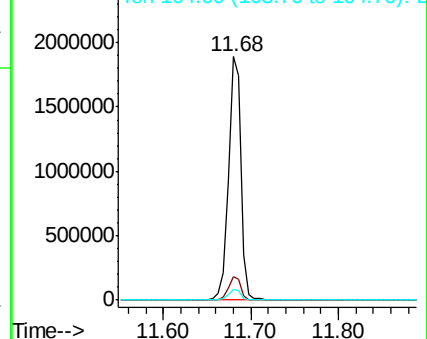
149 100

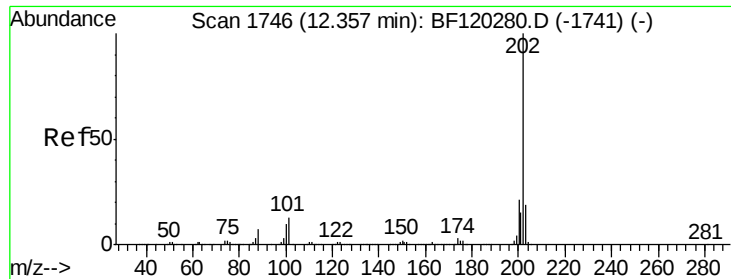
150 9.8 8.2 12.4

104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.061 ng

RT: 12.32 min Scan# 1740

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Instrument :

BNA\_F

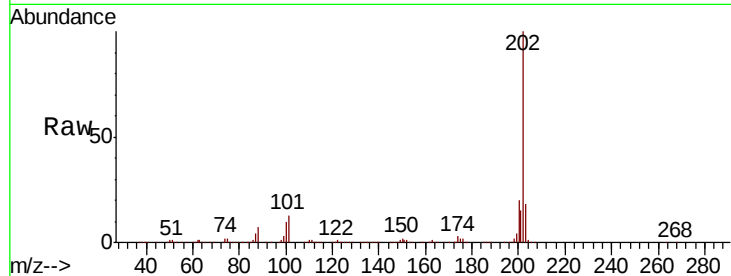
ClientSampleId :

COMP-3MSD

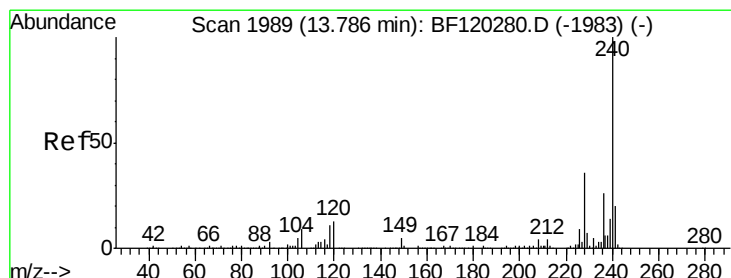
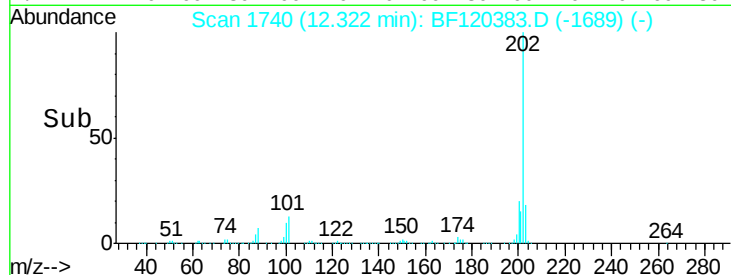
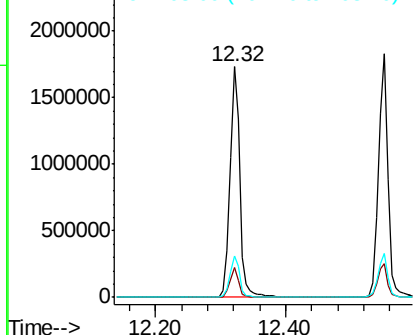
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1814316 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 13.1  | 0.0   | 33.2    |
| 203      | 18.1  | 0.0   | 39.1    |

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.75 min Scan# 1983

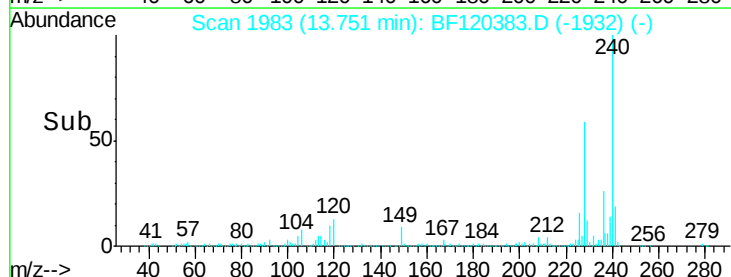
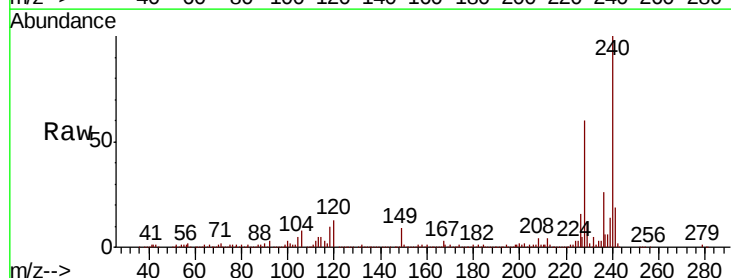
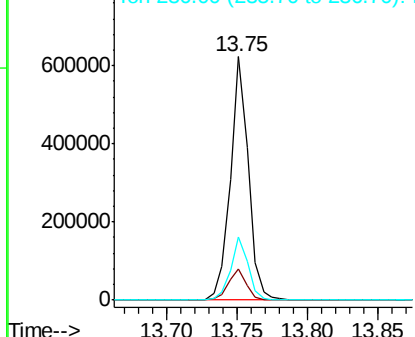
Delta R.T. 0.00 min

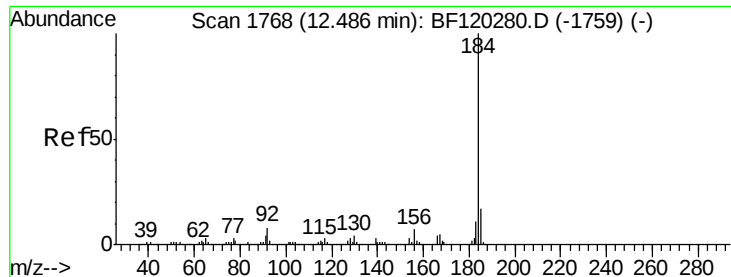
Lab File: BF120383.D

Acq: 21 May 2020 16:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 551270 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 12.6  | 10.4  | 15.6   |
| 236      | 26.0  | 21.0  | 31.6   |

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





#77

Benzidine

Concen: 50.396 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Instrument :

BNA\_F

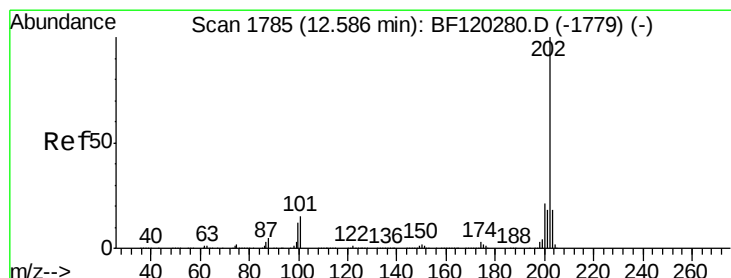
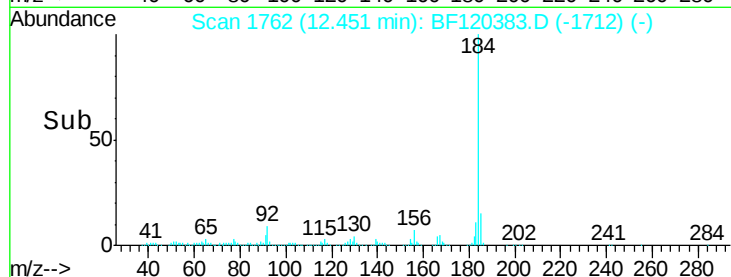
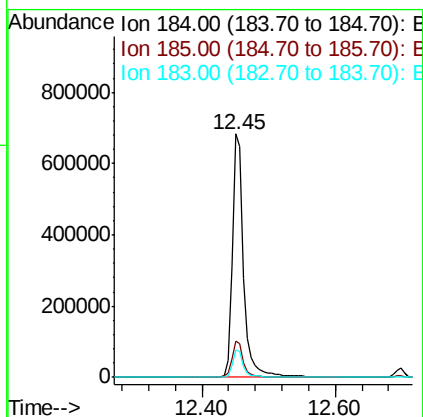
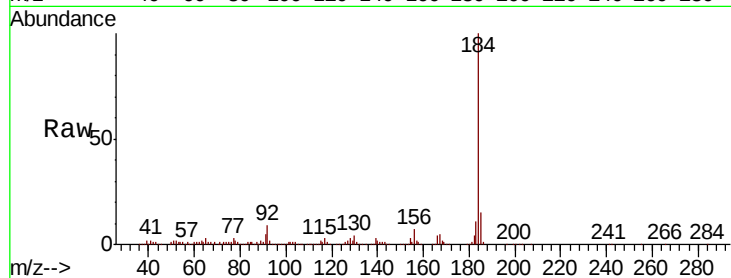
ClientSampleId :

COMP-3MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 811283 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.6  | 13.7  | 20.5   |
| 183       | 11.0  | 8.7   | 13.1   |

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#78

Pyrene

Concen: 46.835 ng

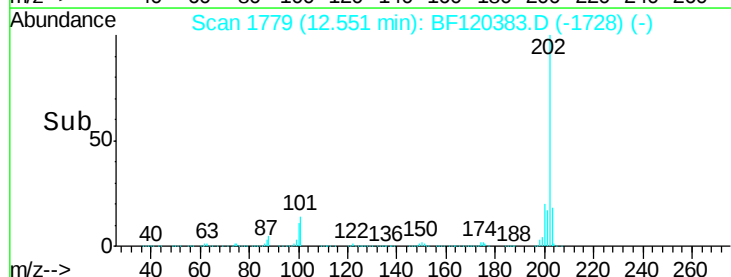
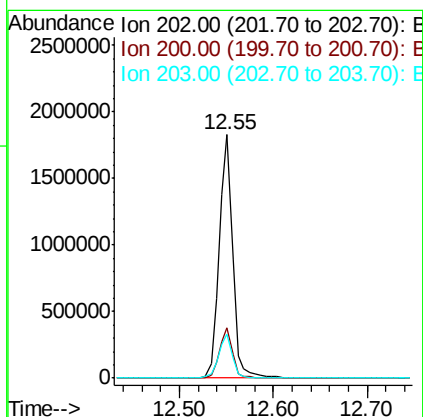
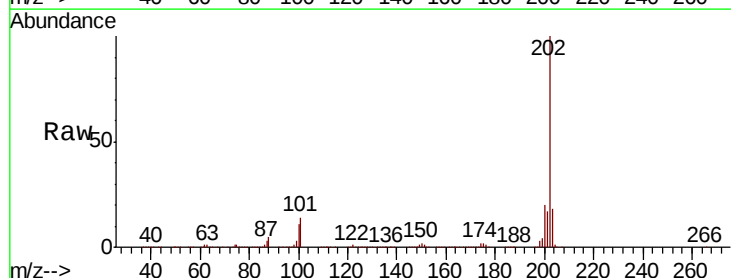
RT: 12.55 min Scan# 1779

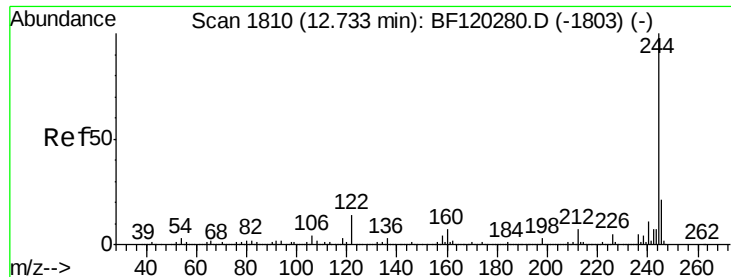
Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1840610 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 20.4  | 16.6  | 25.0    |
| 203       | 17.9  | 14.6  | 22.0    |





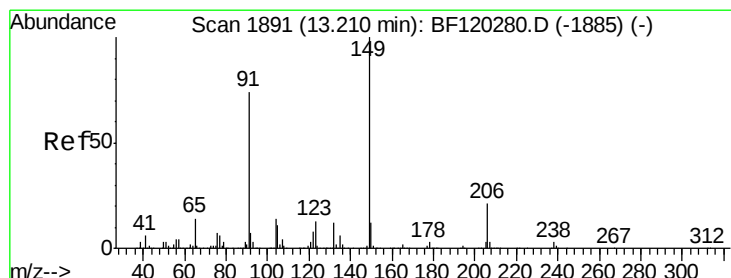
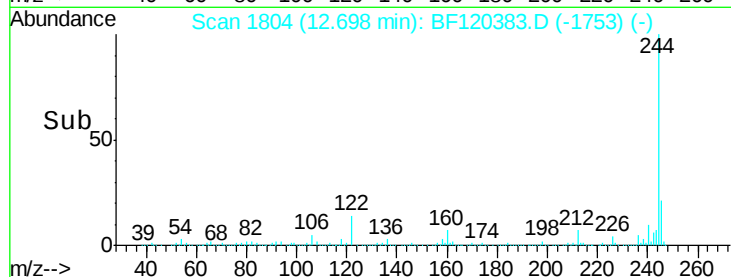
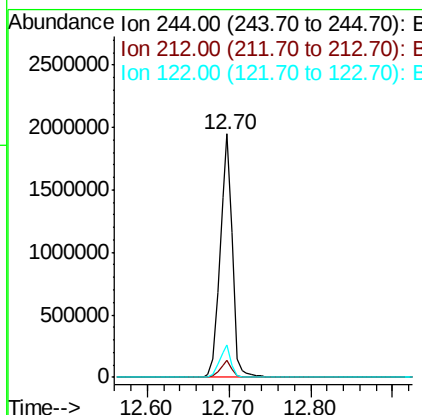
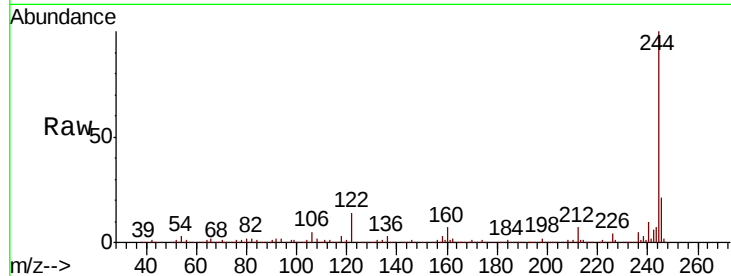
#79  
 Terphenyl-d14  
 Concen: 80.884 ng  
 RT: 12.70 min Scan# 1804  
 Delta R.T. 0.00 min  
 Lab File: BF120383.D  
 Acq: 21 May 2020 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-3MSD

Tot Ion:244 Resp: 2018305  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.6  
 122 13.5 10.8 16.2

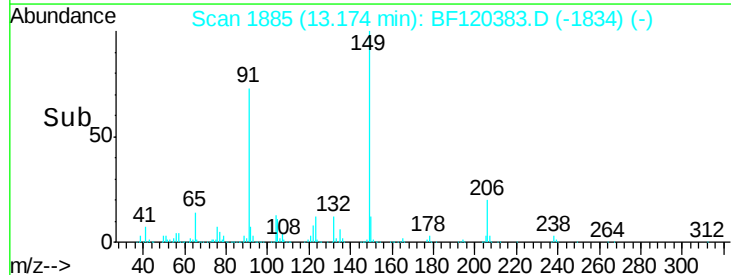
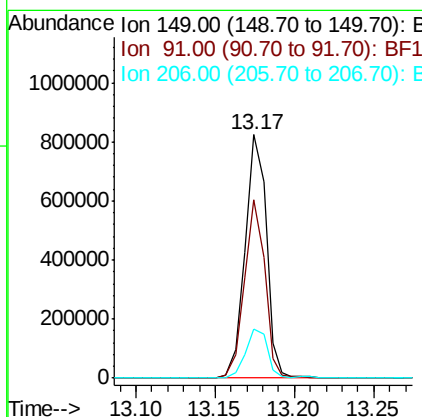
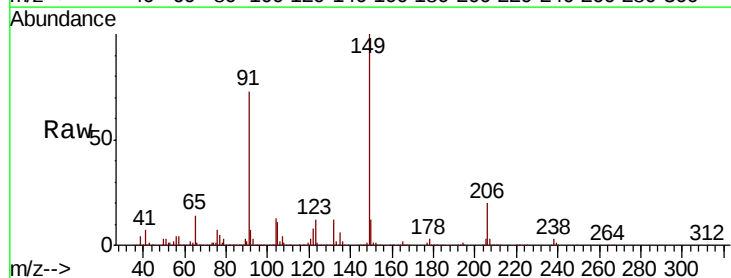
Manual Integrations  
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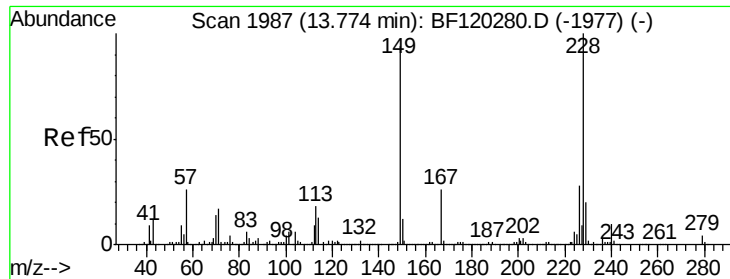
mohammad  
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#80  
 Butylbenzylphthalate  
 Concen: 41.713 ng  
 RT: 13.17 min Scan# 1885  
 Delta R.T. 0.00 min  
 Lab File: BF120383.D  
 Acq: 21 May 2020 16:14

Tgt Ion:149 Resp: 771940  
 Ion Ratio Lower Upper  
 149 100  
 91 73.2 59.0 88.4  
 206 20.2 16.8 25.2





#81

Benzo(a)anthracene

Concen: 49.412 ng

RT: 13.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Instrument :

BNA\_F

ClientSampleId :

COMP-3MSD

Tot Ion:228 Resp: 1436693

Ion Ratio Lower Upper

228 100

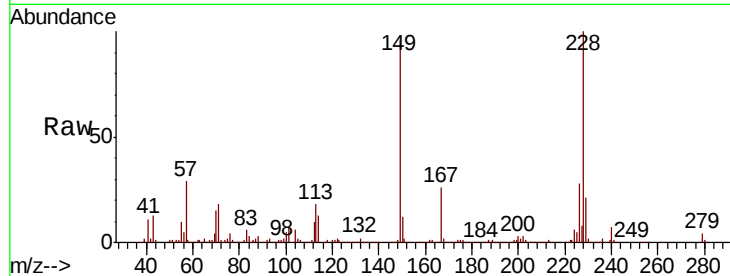
226 27.5 22.6 33.8

229 20.5 16.4 24.6

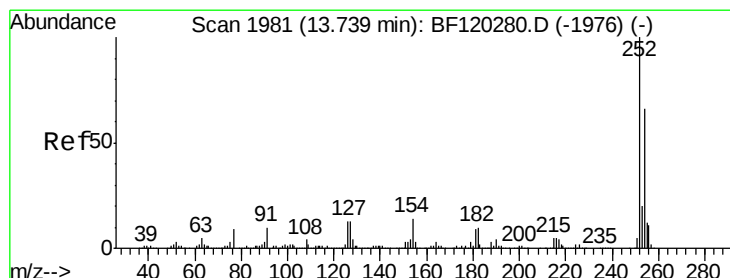
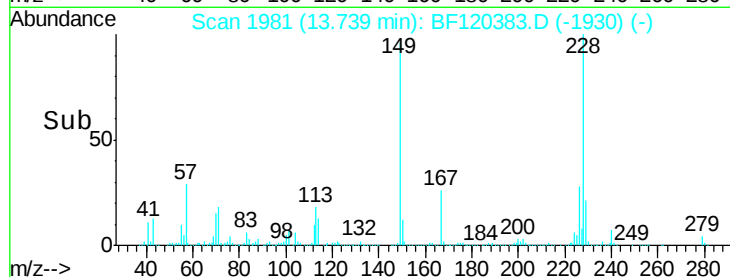
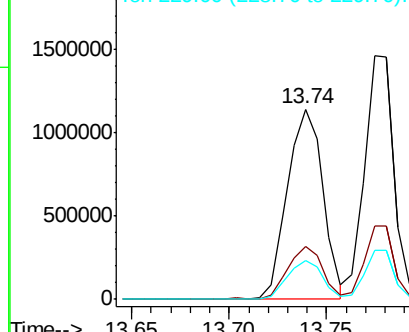
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Abundance Ion 228.00 (227.70 to 228.70): E  
2000000  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.989 ng

RT: 13.70 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

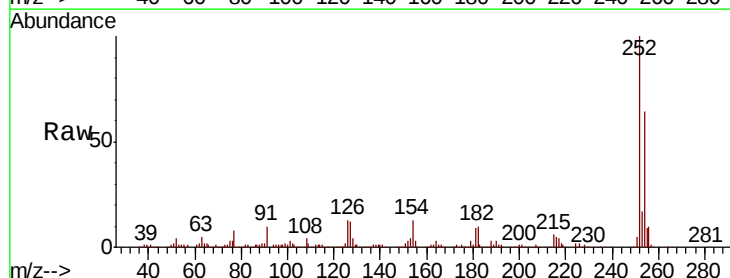
Tgt Ion:252 Resp: 361463

Ion Ratio Lower Upper

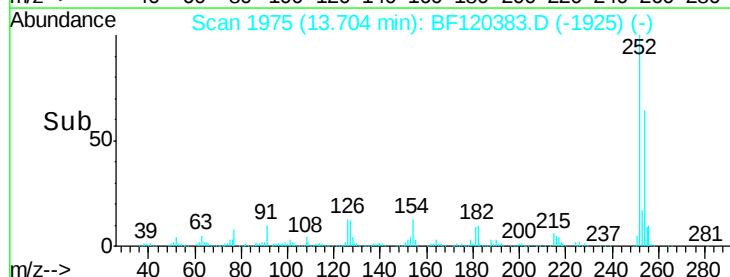
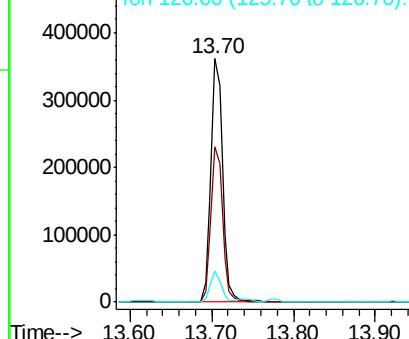
252 100

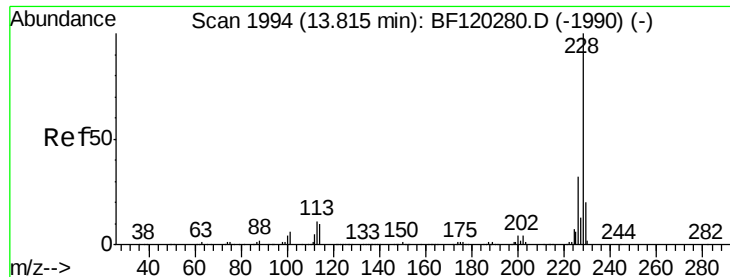
254 63.8 52.6 78.8

126 12.6 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E  
500000  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





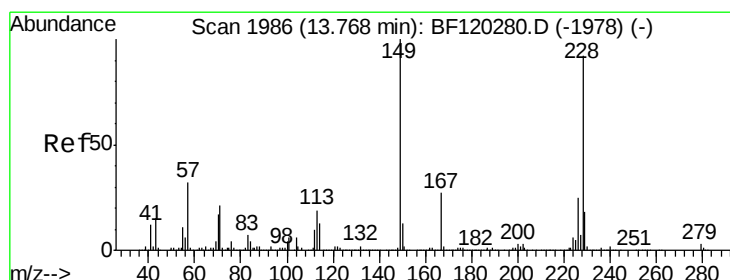
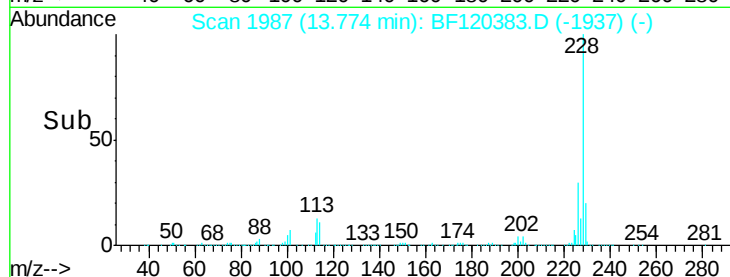
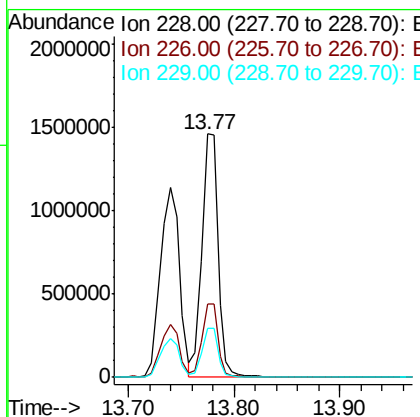
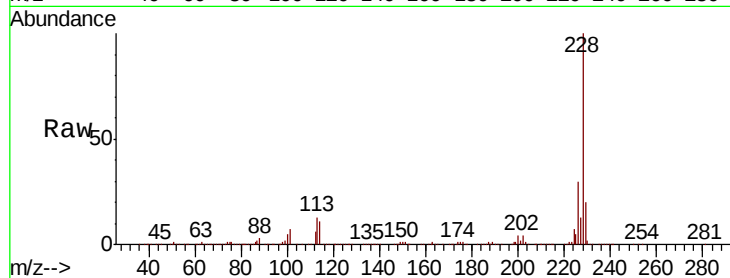
#83  
 Chrysene  
 Concen: 49.524 ng  
 RT: 13.77 min Scan# 1987  
 Delta R.T. -0.01 min  
 Lab File: BF120383.D  
 Acq: 21 May 2020 16:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-3MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 228     | 100  |       |       |       |
| 226     | 30.1 | 25.0  | 37.6  |       |
| 229     | 20.4 | 16.2  | 24.4  |       |

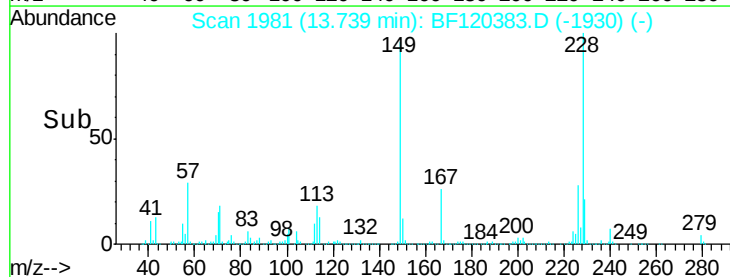
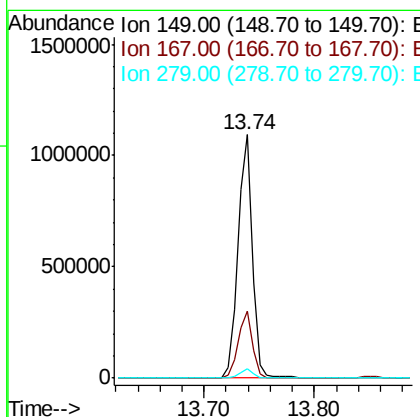
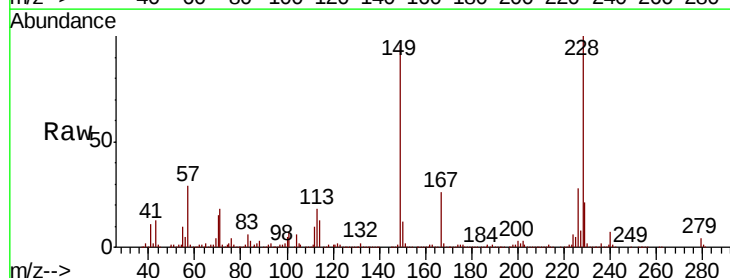
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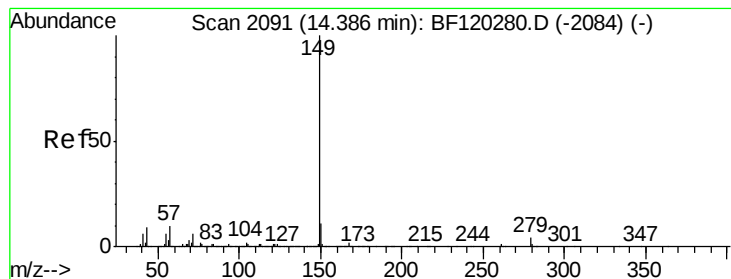
mohammad  
 5/22/2020 2:55:52 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.494 ng  
 RT: 13.74 min Scan# 1981  
 Delta R.T. 0.00 min  
 Lab File: BF120383.D  
 Acq: 21 May 2020 16:14

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 149     | 100  |       |       |       |
| 167     | 27.4 | 21.8  | 32.8  |       |
| 279     | 3.7  | 2.8   | 4.2   |       |





#85

Di-n-octyl phthalate

Concen: 44.872 ng

RT: 14.35 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

Instrument :

BNA\_F

ClientSampleId :

COMP-3MSD

Tot Ion:149 Resp: 1858588

Ion Ratio Lower Upper

149 100

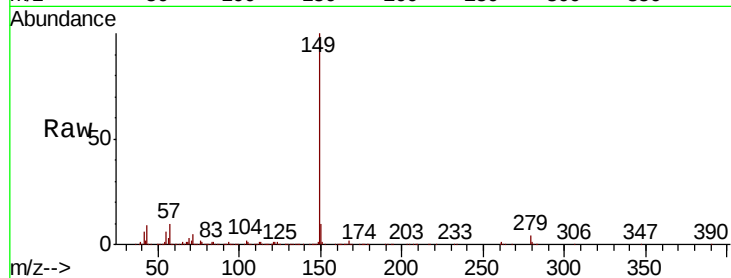
167 1.5 1.3 1.9

43 9.8 7.5 11.3

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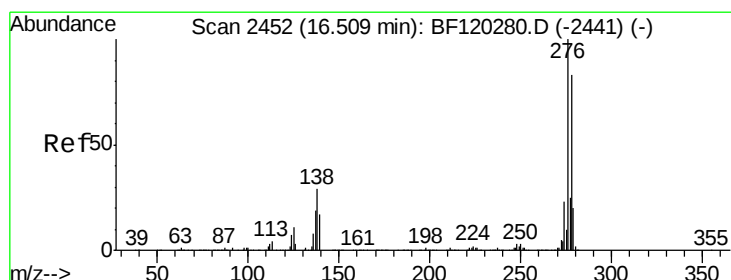
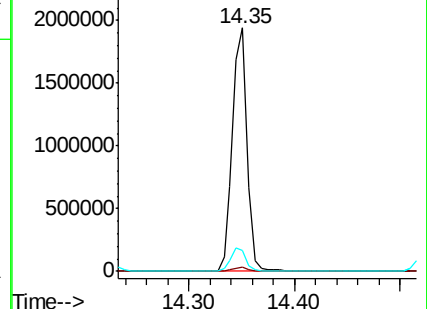
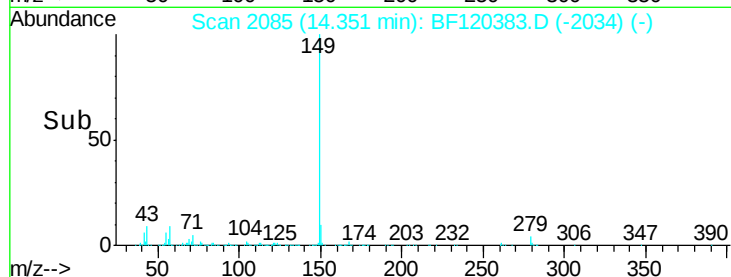
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.115 ng

RT: 16.44 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BF120383.D

Acq: 21 May 2020 16:14

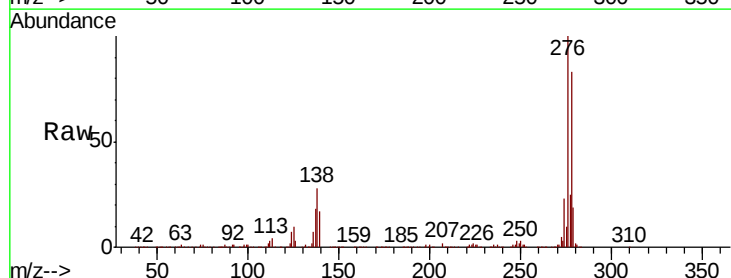
Tgt Ion:276 Resp: 1136740

Ion Ratio Lower Upper

276 100

138 28.0 23.3 34.9

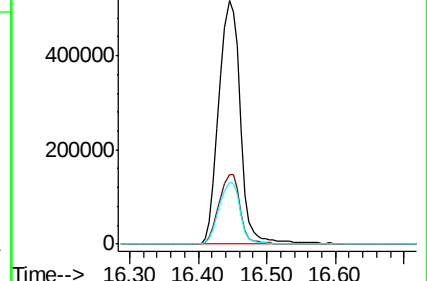
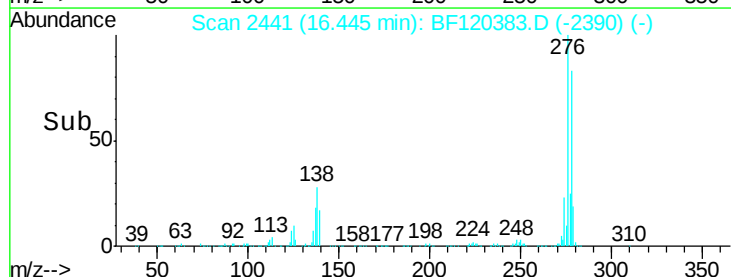
277 25.2 20.2 30.4

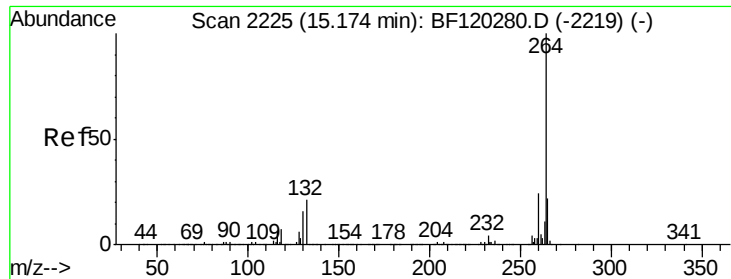


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





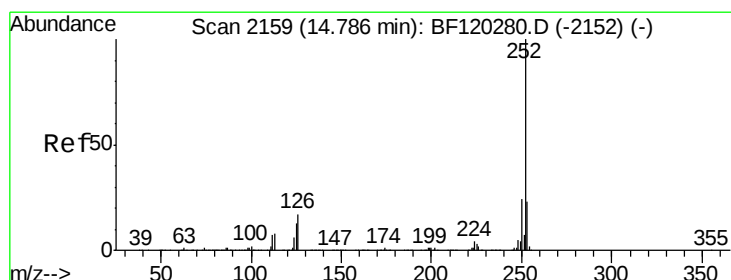
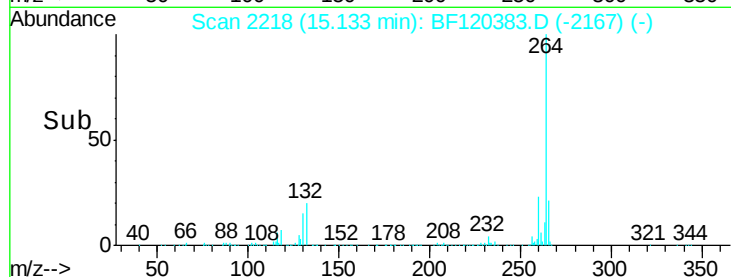
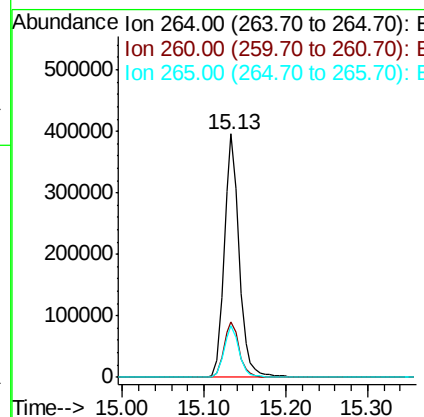
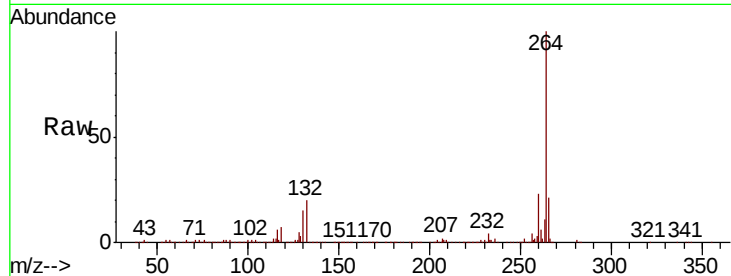
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.13 min Scan# 2218  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.6  | 19.0  | 28.6  |
| 265     | 21.0  | 17.5  | 26.3  |

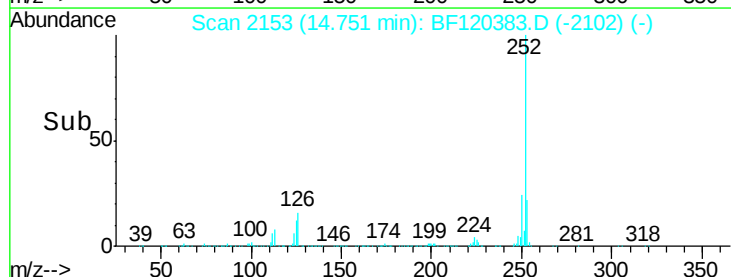
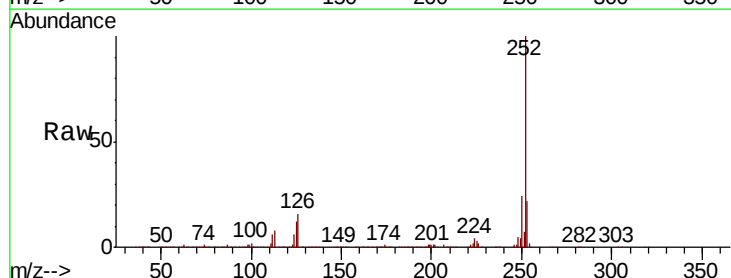
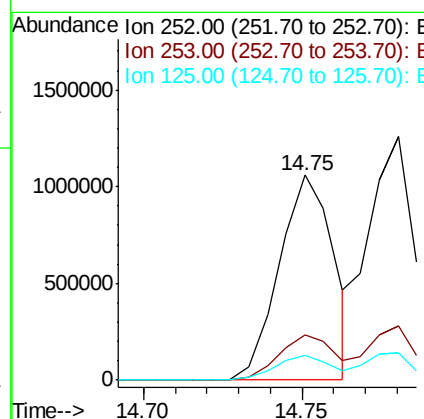
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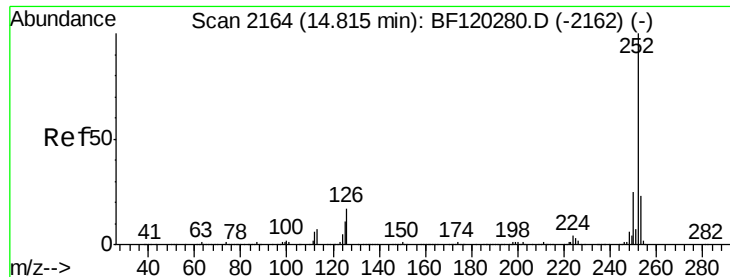
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#88  
Benzo(b)fluoranthene  
Concen: 45.974 ng  
RT: 14.75 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.1  | 27.1  |
| 125     | 12.1  | 10.4  | 15.6  |





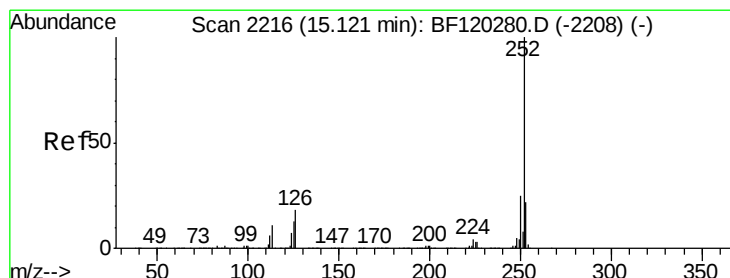
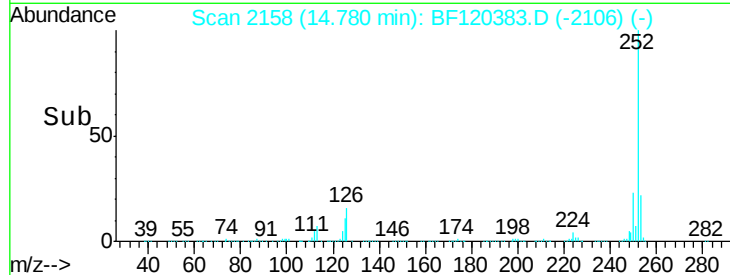
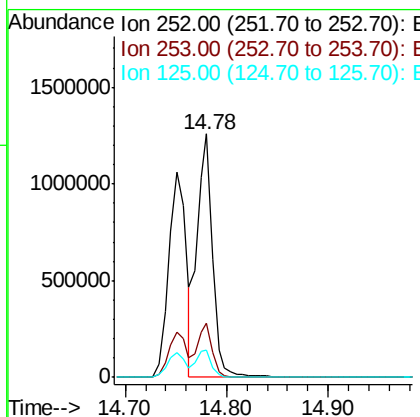
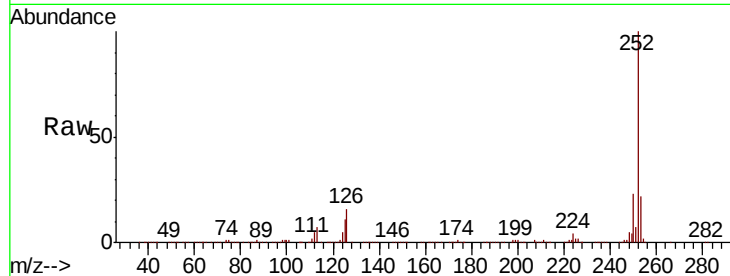
#89  
Benzo(k)fluoranthene  
Concen: 55.715 ng  
RT: 14.78 min Scan# 2158  
Delta R.T. 0.01 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.2  | 27.2  |
| 125     | 11.0  | 9.9   | 14.9  |

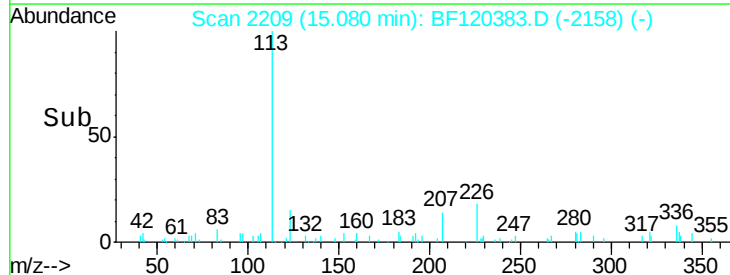
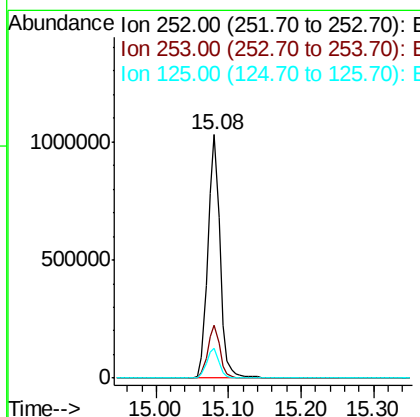
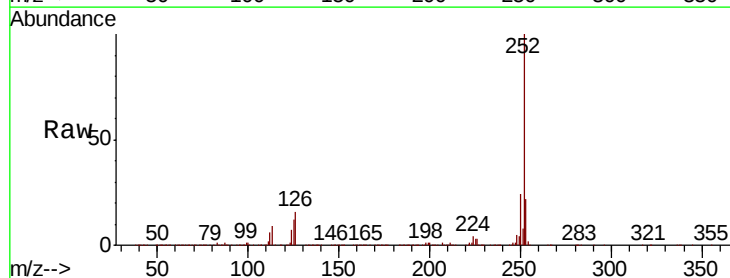
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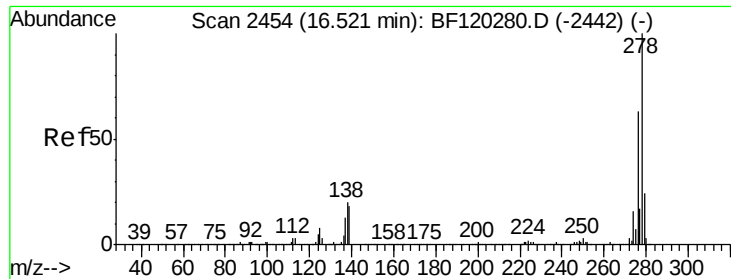
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#90  
Benzo(a)pyrene  
Concen: 48.430 ng  
RT: 15.08 min Scan# 2209  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.6  | 26.4  |
| 125     | 12.1  | 10.6  | 16.0  |





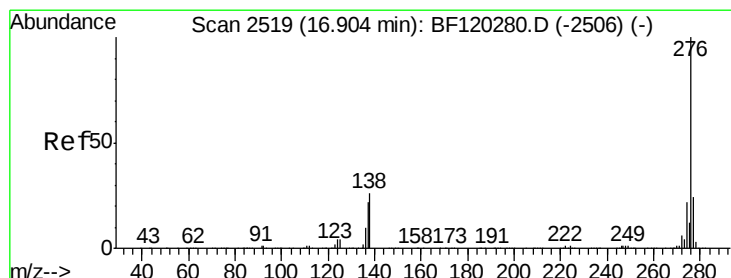
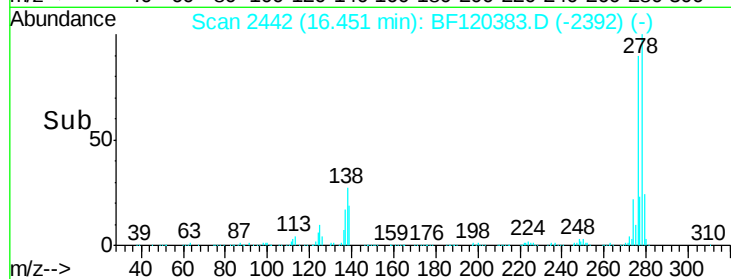
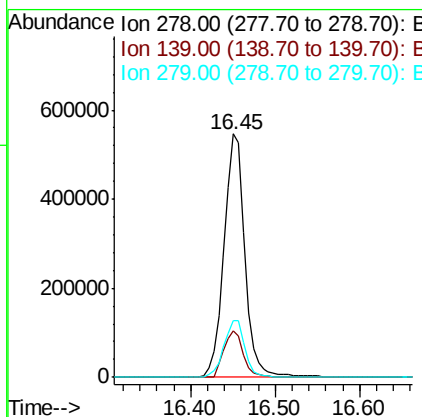
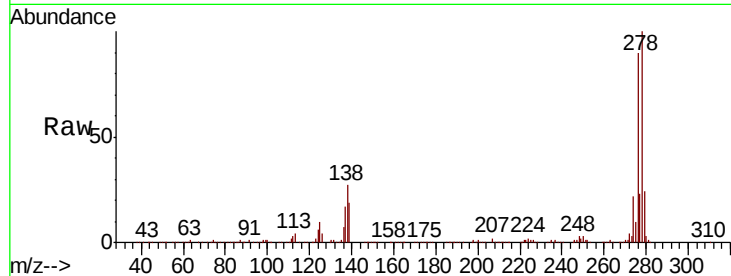
#91  
Dibenzo(a,h)anthracene  
Concen: 42.840 ng  
RT: 16.45 min Scan# 2442  
Delta R.T. -0.01 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.4  | 14.7  | 22.1  |
| 279     | 23.5  | 19.2  | 28.8  |

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#92  
Benzo(g,h,i)perylene  
Concen: 43.198 ng  
RT: 16.83 min Scan# 2507  
Delta R.T. 0.00 min  
Lab File: BF120383.D  
Acq: 21 May 2020 16:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 19.1  | 28.7  |
| 138     | 24.0  | 20.8  | 31.2  |

