

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\  
 Data File : BF120892.D  
 Acq On : 16 Jul 2020 18:27  
 Operator : JU/CG  
 Sample : L3187-08MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-071420MS

Manual Integrations  
 APPROVED

mohammad  
 7/17/2020 12:30:14 PM

Quant Time: Jul 16 19:01:55 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 14:20:32 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 167209   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 652645   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 348976   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.34 | 188  | 691870   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 551611   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.42 | 264  | 567048   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.44  | 112 | 1100363 | 107.88 | ng | 0.02 |
| 7) Phenol-d6             | 6.45  | 99  | 1274384 | 96.72  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.38  | 82  | 916062  | 81.22  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 453447  | 118.71 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 1577660 | 67.50  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.93 | 244 | 1790485 | 70.56  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.69 | 88  | 193057  | 41.127 | ng | # 85   |
| 3) Pyridine                    | 3.39 | 79  | 439169  | 35.169 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.32 | 42  | 251320  | 47.066 | ng | 98     |
| 6) Aniline                     | 6.48 | 93  | 366460  | 21.308 | ng | 99     |
| 8) 2-Chlorophenol              | 6.60 | 128 | 556879  | 49.561 | ng | 97     |
| 9) Benzaldehyde                | 6.36 | 77  | 97991   | 11.974 | ng | 98     |
| 10) Phenol                     | 6.46 | 94  | 585336  | 40.387 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 529246  | 47.648 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 533679  | 43.801 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 538418  | 44.441 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 522936  | 45.625 | ng | 99     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 441829  | 47.419 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 734665  | 45.888 | ng | 99     |
| 17) 2-Methylphenol             | 7.07 | 107 | 434454  | 43.624 | ng | 100    |
| 18) Hexachloroethane           | 7.33 | 117 | 200827  | 45.798 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 349753  | 46.684 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 475331  | 37.520 | ng | 95     |
| 22) Acetophenone               | 7.23 | 105 | 652755  | 44.565 | ng | # 96   |
| 24) Nitrobenzene               | 7.40 | 77  | 558594  | 45.950 | ng | 99     |
| 25) Isophorone                 | 7.64 | 82  | 1051225 | 46.699 | ng | 98     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 288100  | 49.900 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 469050  | 50.037 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 657837  | 47.874 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 460293  | 48.053 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.04 | 180 | 481970  | 45.351 | ng | 99     |
| 31) Naphthalene                | 8.12 | 128 | 1505659 | 44.975 | ng | 99     |
| 32) Benzoic acid               | 7.88 | 122 | 349791  | 49.709 | ng | 94     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 181076  | 12.125 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 267951  | 42.770 | ng | 99     |
| 35) Caprolactam                | 8.54 | 113 | 126941m | 41.325 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 488543  | 49.729 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 1039571 | 47.825 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.91 | 142 | 988199  | 48.001 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 438039  | 43.082 | ng | 99     |

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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 485194   | 86.342 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 347868   | 48.592 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.13  | 196  | 381106   | 46.931 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 9.28  | 154  | 1218953  | 45.791 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 971753   | 44.774 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.40  | 65   | 319103   | 48.652 | nq    | 93       |
| 49) Acenaphthylene             | 9.72  | 152  | 1571772  | 46.617 | nq    | 99       |
| 50) Dimethylphthalate          | 9.58  | 163  | 1220779  | 48.489 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.64  | 165  | 276942   | 51.201 | nq    | 95       |
| 52) Acenaphthene               | 9.89  | 154  | 1105476m | 51.571 | nq    |          |
| 53) 3-Nitroaniline             | 9.80  | 138  | 150392   | 22.169 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 9.92  | 184  | 296980   | 94.074 | nq    | # 80     |
| 55) Dibenzofuran               | 10.06 | 168  | 1423623  | 45.925 | nq    | 99       |
| 56) 4-Nitrophenol              | 9.97  | 139  | 472022   | 91.599 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.05 | 165  | 375128   | 52.812 | nq    | 98       |
| 58) Fluorene                   | 10.40 | 166  | 998359   | 43.183 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 326406   | 52.792 | nq    | 98       |
| 60) Diethylphthalate           | 10.28 | 149  | 1228231  | 48.231 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.40 | 204  | 485429   | 39.365 | nq    | 96       |
| 62) 4-Nitroaniline             | 10.42 | 138  | 288183   | 43.611 | nq    | 99       |
| 63) Azobenzene                 | 10.56 | 77   | 1136543  | 46.881 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 201983   | 50.246 | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.52 | 169  | 1025444  | 47.115 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.89 | 248  | 347100   | 44.997 | nq    | 93       |
| 68) Hexachlorobenzene          | 10.95 | 284  | 393162   | 47.117 | nq    | 92       |
| 69) Atrazine                   | 11.04 | 200  | 308853   | 57.299 | nq    | 97       |
| 70) Pentachlorophenol          | 11.14 | 266  | 454665   | 95.112 | nq    | 100      |
| 71) Phenanthrene               | 11.36 | 178  | 1610600  | 45.263 | nq    | 99       |
| 72) Anthracene                 | 11.42 | 178  | 1657178  | 46.380 | nq    | 99       |
| 73) Carbazole                  | 11.57 | 167  | 1603529  | 45.222 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.90 | 149  | 1936996  | 47.336 | nq    | 100      |
| 75) Fluoranthene               | 12.55 | 202  | 1820035  | 46.146 | nq    | 98       |
| 77) Benzidine                  | 12.67 | 184  | 153846   | 10.608 | nq    | 99       |
| 78) Pyrene                     | 12.78 | 202  | 1837857  | 47.126 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.40 | 149  | 867020   | 49.871 | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.97 | 228  | 1443450  | 43.213 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 401312   | 31.845 | nq    | 99       |
| 83) Chrysene                   | 14.00 | 228  | 1665498  | 47.446 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 934975   | 43.613 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.57 | 149  | 2042264  | 47.883 | nq    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.86 | 276  | 1754121  | 44.480 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 1830257  | 53.398 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.04 | 252  | 1528871  | 48.909 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.36 | 252  | 1529234  | 48.901 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.87 | 278  | 1466368  | 45.520 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.29 | 276  | 1400652  | 44.098 | nq    | 99       |

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

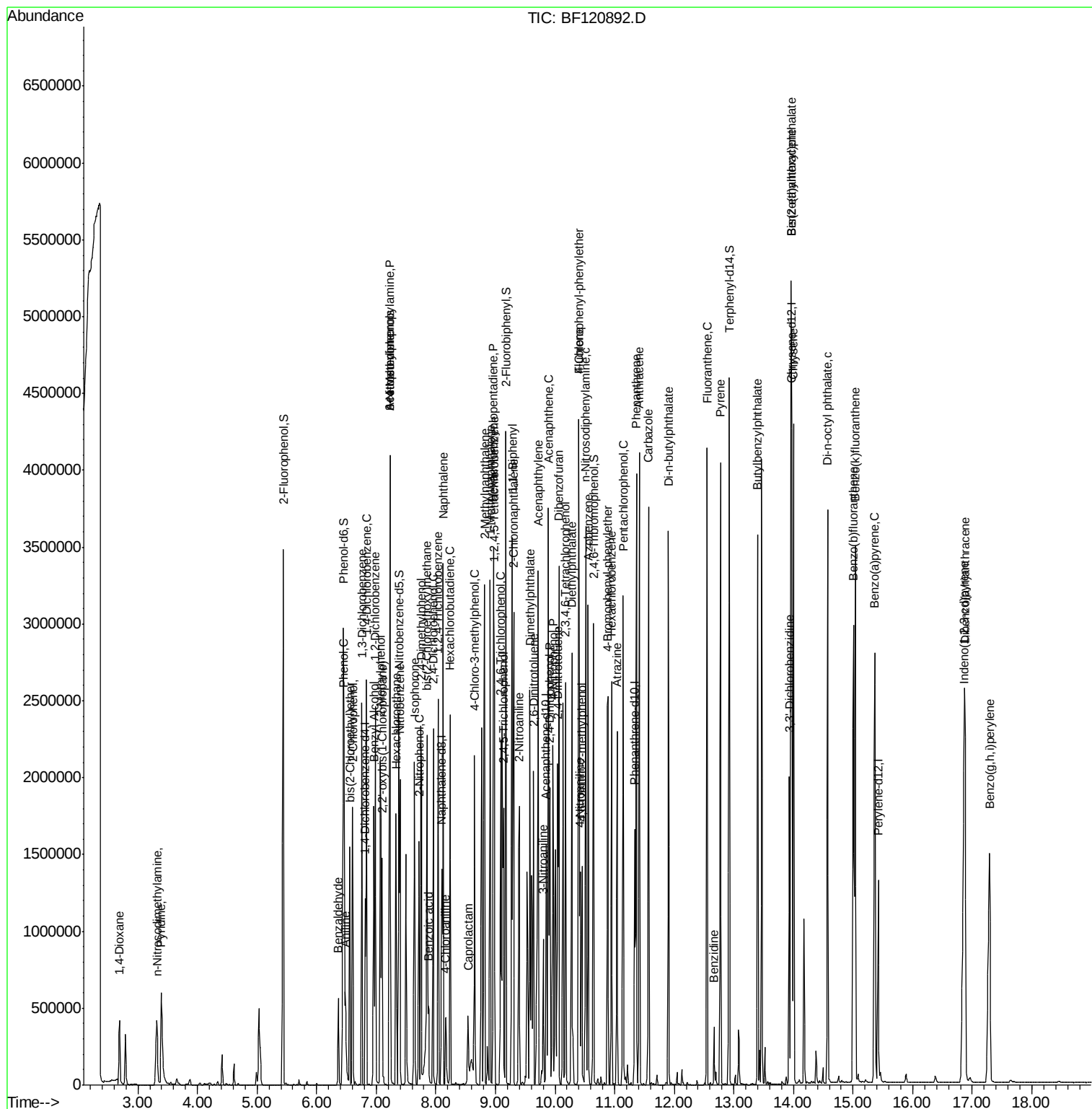
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\  
Data File : BF120892.D  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 16 14:20:32 2020  
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#1

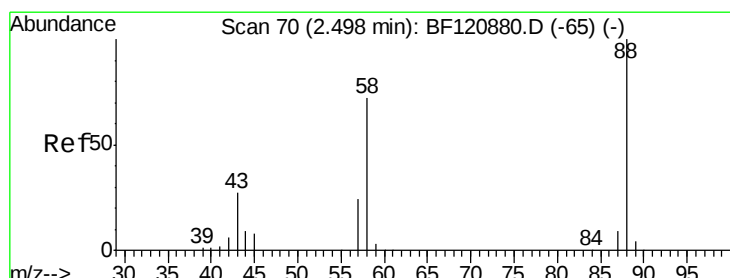
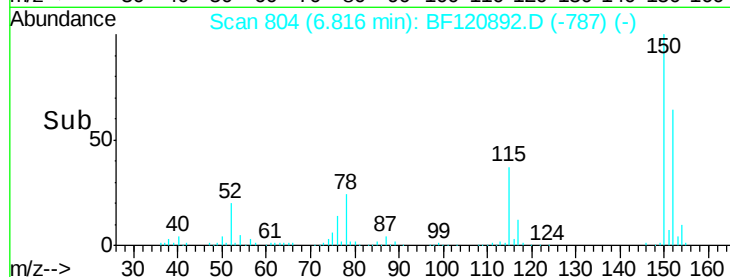
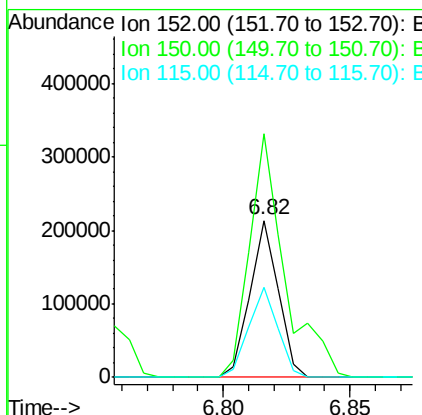
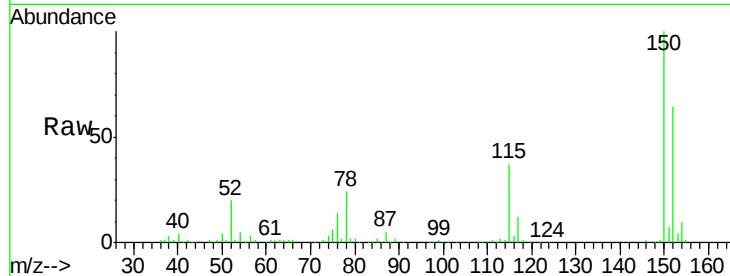
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 804  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.1 | 125.0 | 187.6 |
| 115     | 57.5  | 47.0  | 70.4  |

Manual Integrations  
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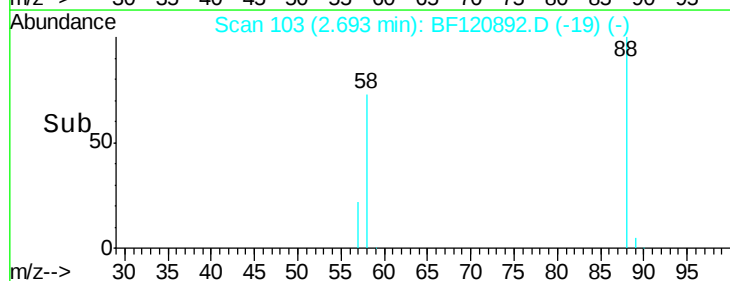
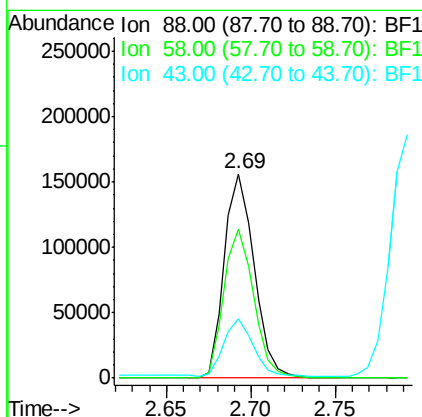
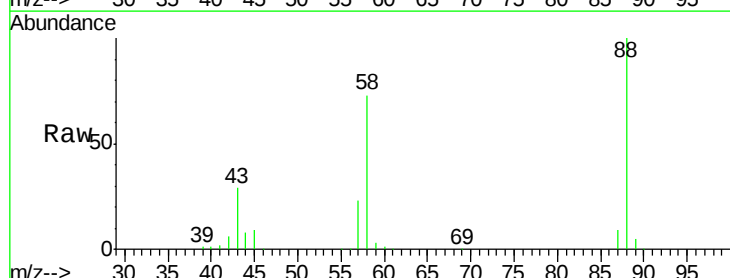
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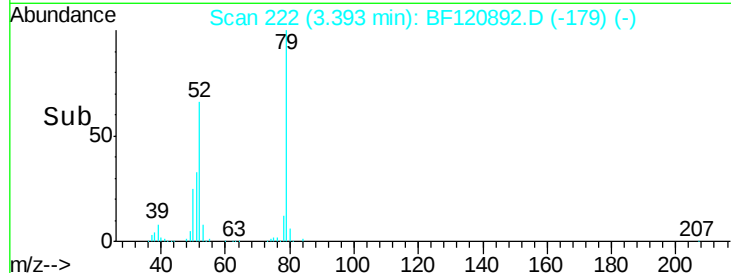
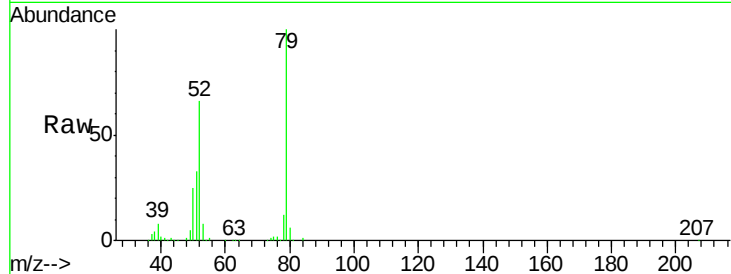


#2

1,4-Dioxane  
Concen: 41.127 ng  
RT: 2.69 min Scan# 103  
Delta R.T. 0.19 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 73.2  | 58.2  | 87.2  |
| 43      | 0.0   | 22.1  | 33.1# |





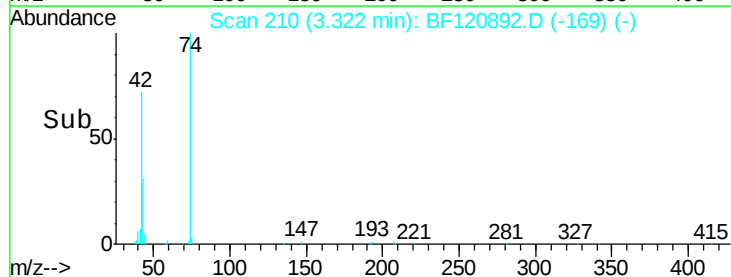
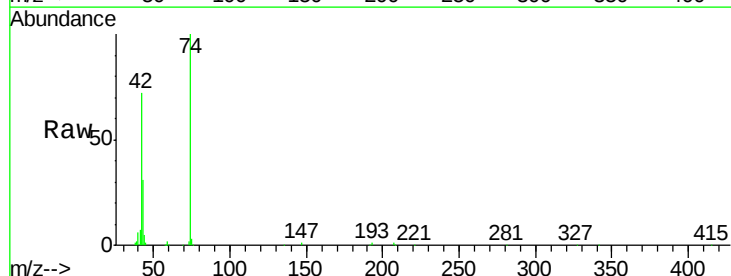
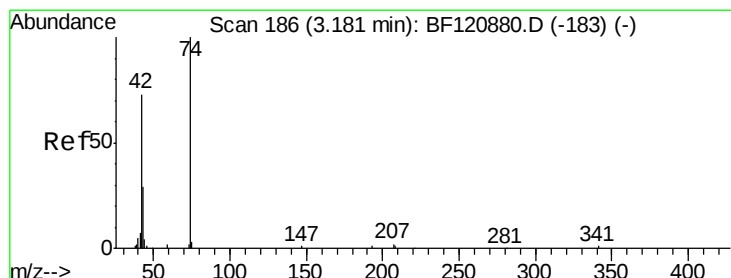
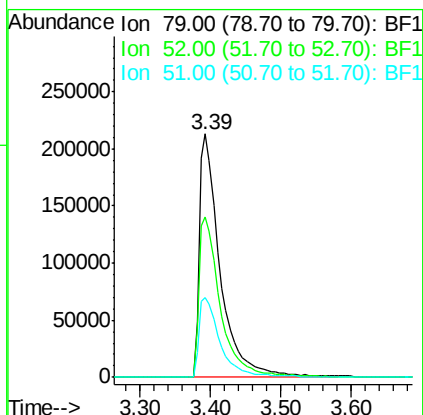
#3  
Pvridine  
Concen: 35.169 ng  
RT: 3.39 min Scan# 222  
Delta R.T. 0.15 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 65.8  | 55.0  | 82.6  |
| 51      | 32.9  | 26.9  | 40.3  |

Instrument :  
BNA\_F  
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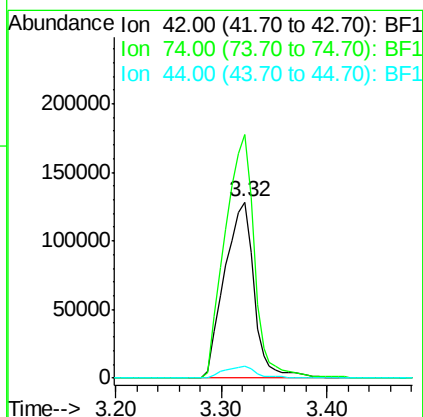
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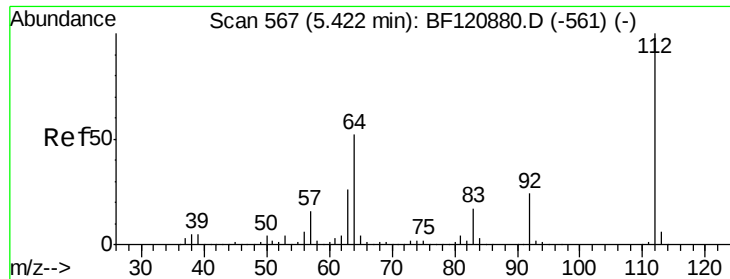
mohammad  
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#4  
n-Nitrosodimethylamine  
Concen: 47.066 ng  
RT: 3.32 min Scan# 210  
Delta R.T. 0.14 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 138.5 | 108.7 | 163.1 |
| 44      | 6.9   | 5.2   | 7.8   |





#5

2-Fluorophenol

Concen: 107.882 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA\_F

ClientSampleId :

SU-03-071420MS

Tot Ion: 112 Resp: 1100363

Ion Ratio Lower Upper

112 100

64 54.2 41.3 61.9

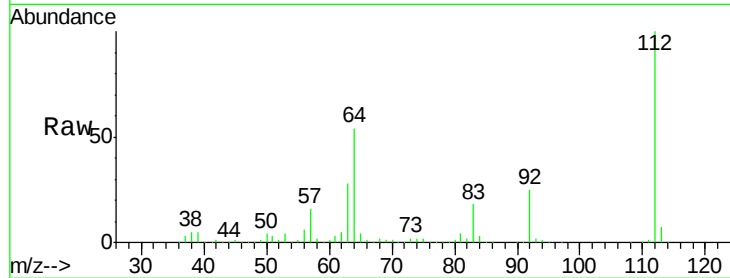
63 27.8 21.1 31.7

Manual Integrations

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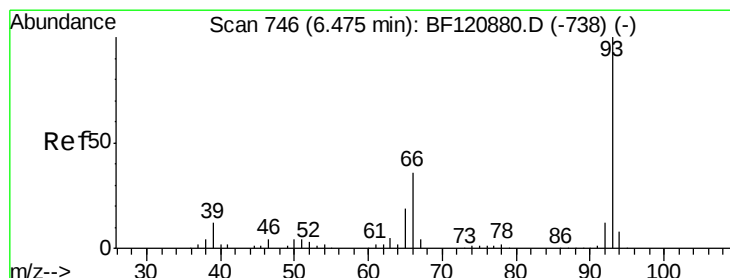
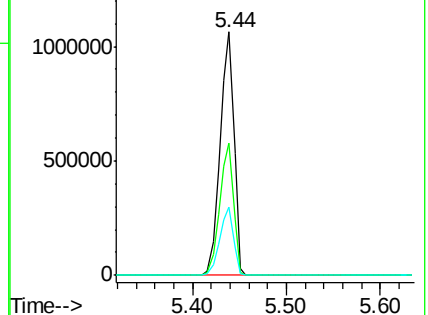
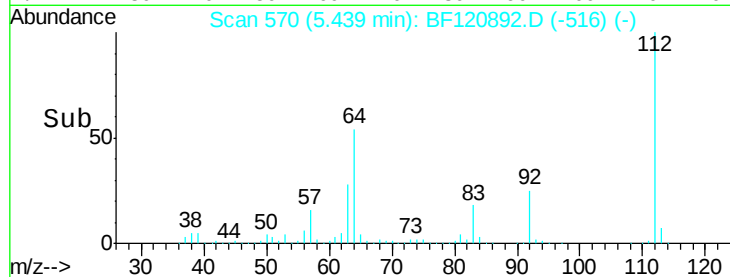
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.308 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

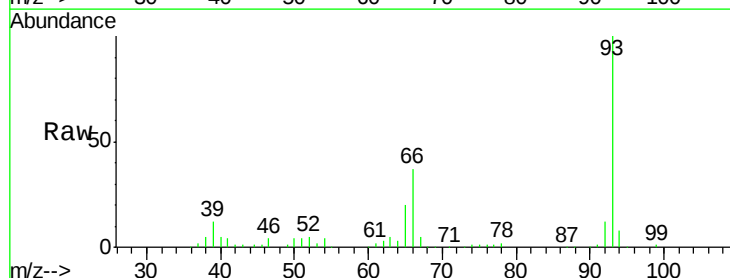
Tgt Ion: 93 Resp: 366460

Ion Ratio Lower Upper

93 100

66 37.2 30.2 45.4

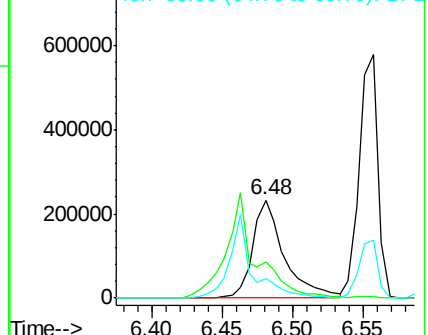
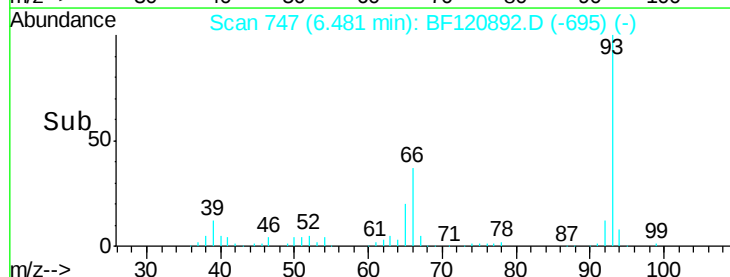
65 19.7 15.8 23.6

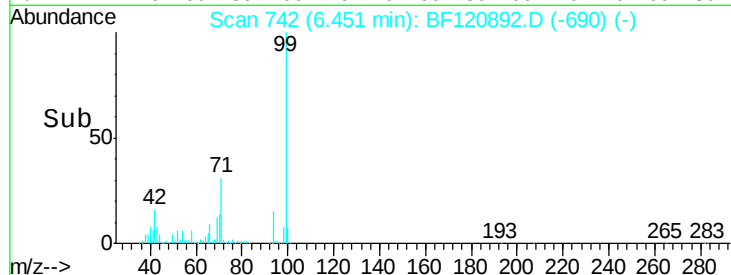
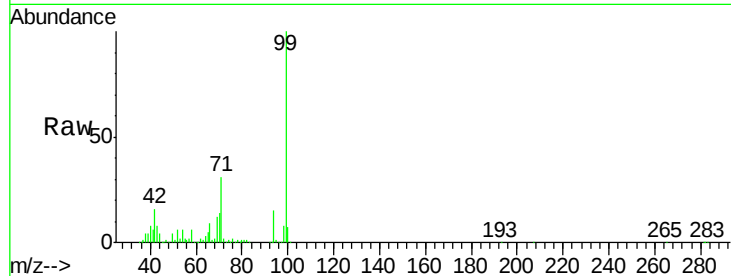


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.725 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1274384 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 16.2  | 13.1  | 19.7    |
| 71       | 30.8  | 24.2  | 36.4    |

Instrument :

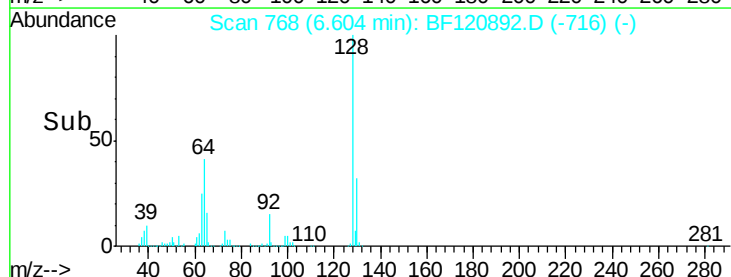
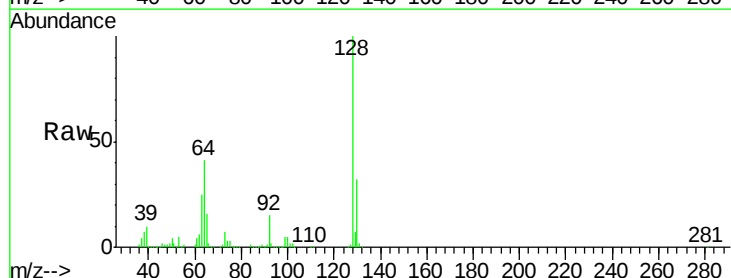
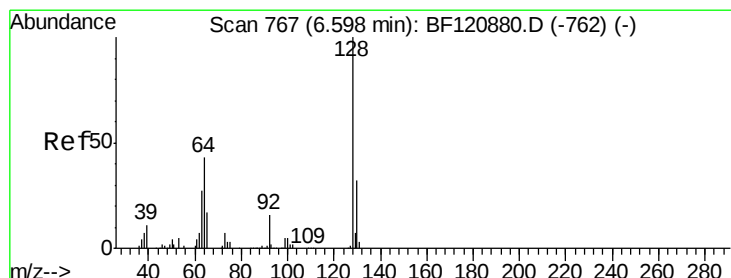
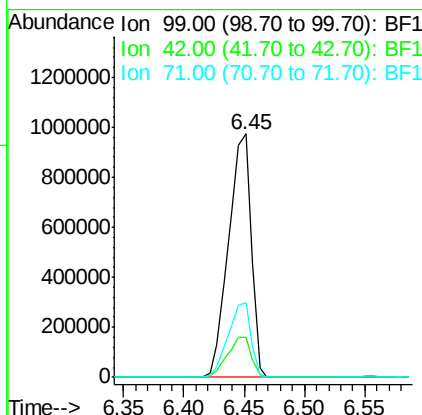
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ClientSampleId :

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Manual Integrations  
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#8

2-Chlorophenol

Concen: 49.561 ng

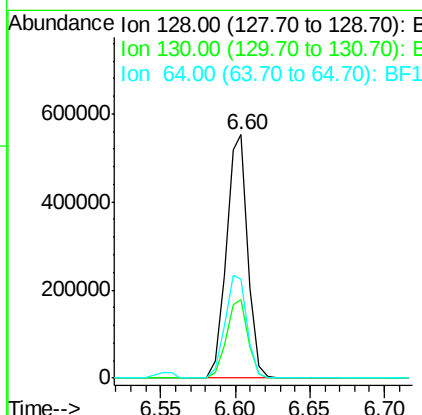
RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 556879 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.5  | 12.1  | 52.1   |
| 64       | 40.6  | 24.0  | 64.0   |





#9

Benzaldehyde

Concen: 11.974 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA\_F

ClientSampleId :

SU-03-071420MS

Tot Ion: 77 Resp: 97991

Ion Ratio Lower Upper

77 100

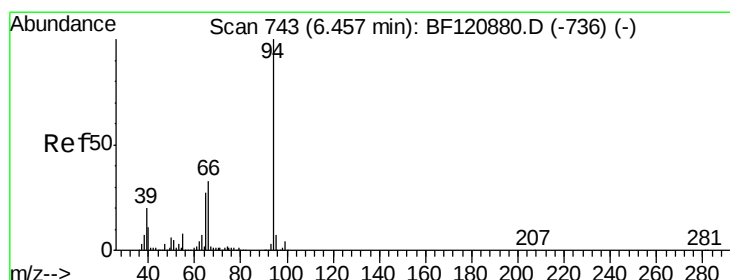
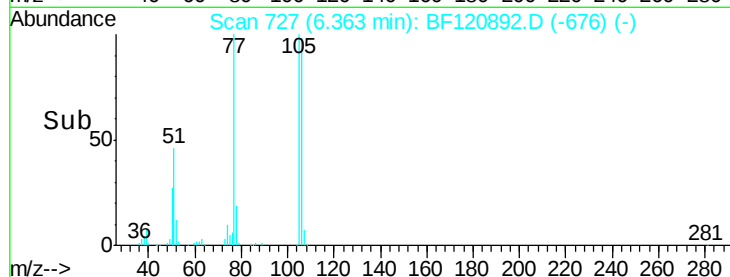
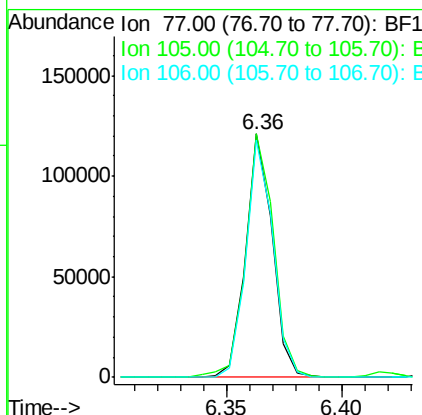
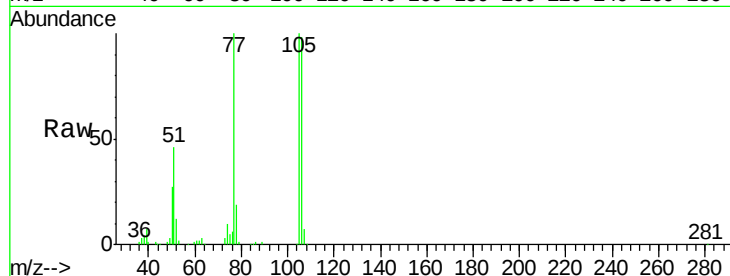
105 100.2 82.5 122.5

106 97.8 78.7 118.7

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#10

Phenol

Concen: 40.387 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

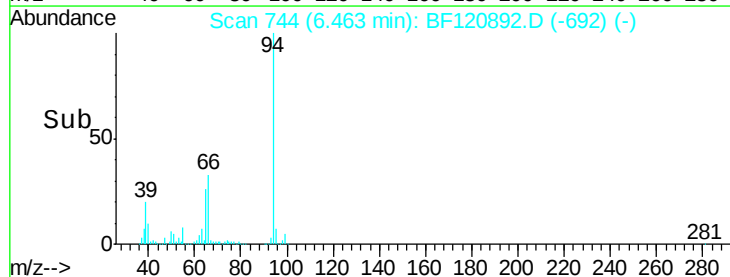
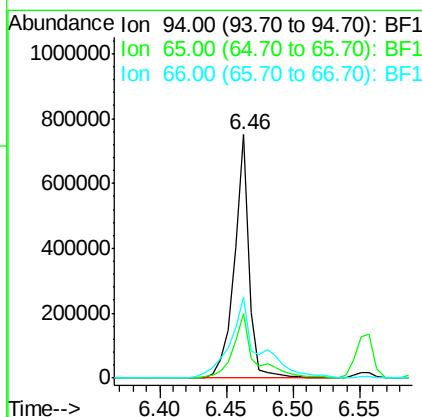
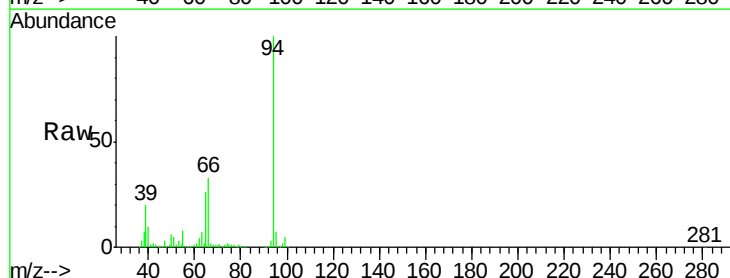
Tgt Ion: 94 Resp: 585336

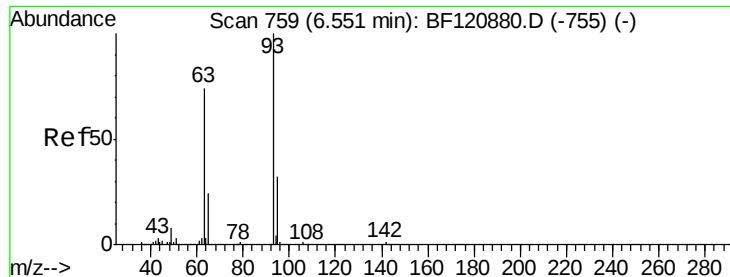
Ion Ratio Lower Upper

94 100

65 26.4 6.6 46.6

66 33.4 13.2 53.2





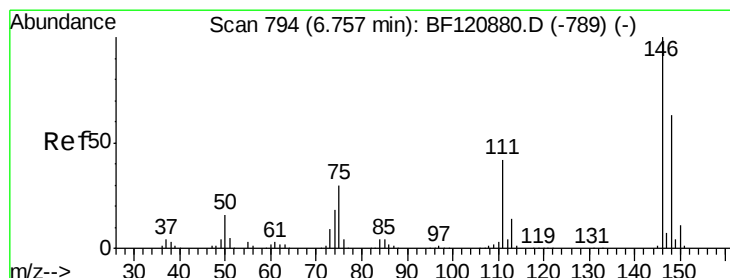
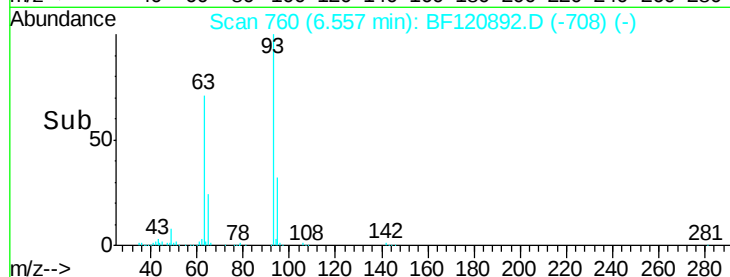
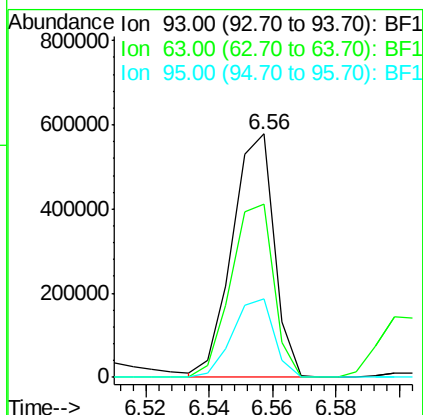
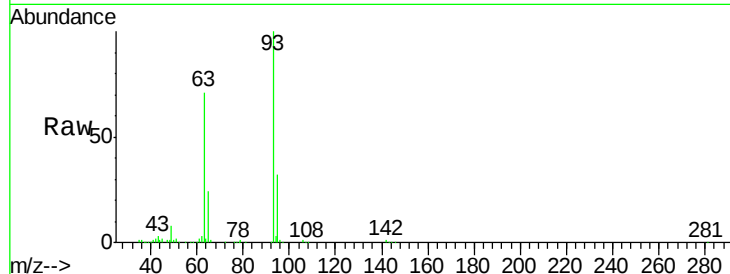
#11  
bis(2-Chloroethyl)ether  
Concen: 47.648 ng  
RT: 6.56 min Scan# 760  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 529246 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 71.4  | 54.2  | 94.2   |
| 95       | 32.4  | 12.2  | 52.2   |

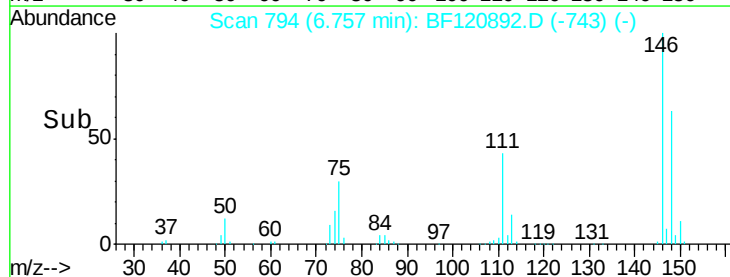
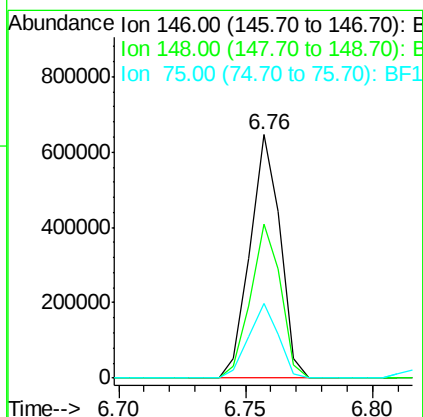
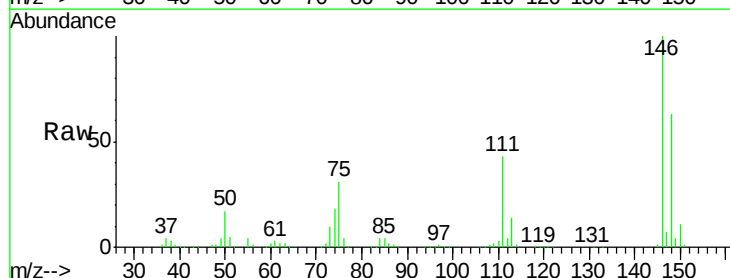
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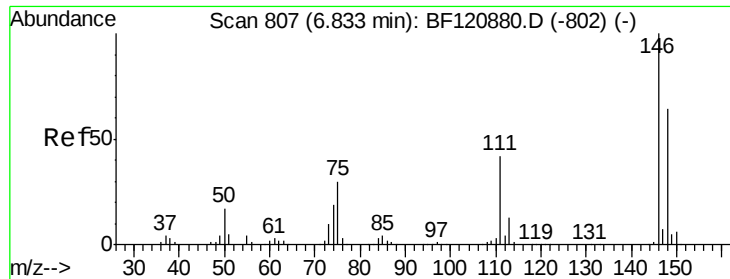
mohammad  
7/17/2020 12:30:14 PM



#12  
1,3-Dichlorobenzene  
Concen: 43.801 ng  
RT: 6.76 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 533679 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.1  | 50.6  | 75.8   |
| 75       | 30.6  | 24.1  | 36.1   |





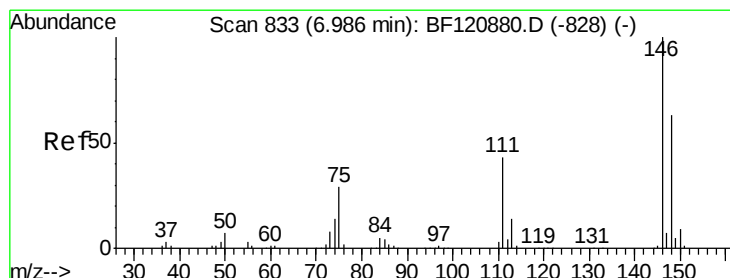
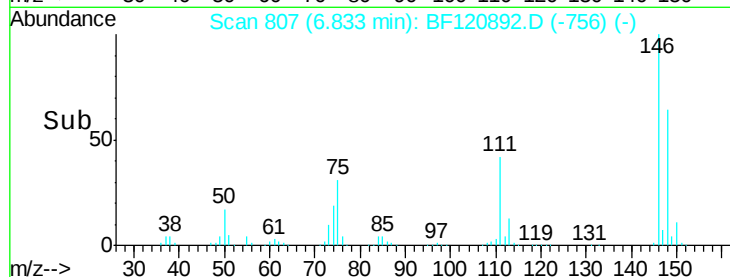
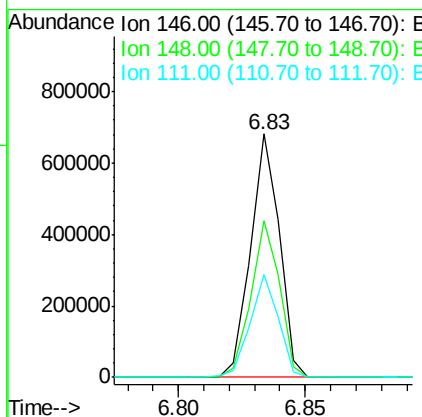
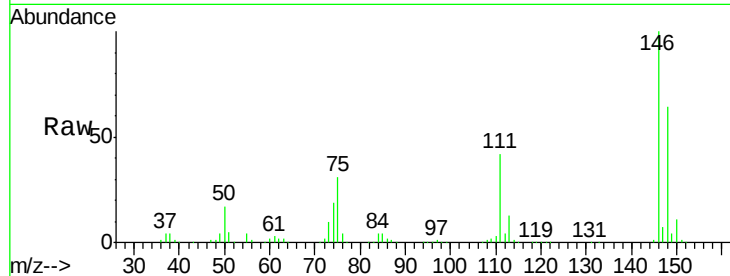
#13  
 1,4-Dichlorobenzene  
 Concen: 44.441 ng  
 RT: 6.83 min Scan# 807  
 Delta R.T. 0.00 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.6  | 77.4  |
| 111     | 42.0  | 33.5  | 50.3  |

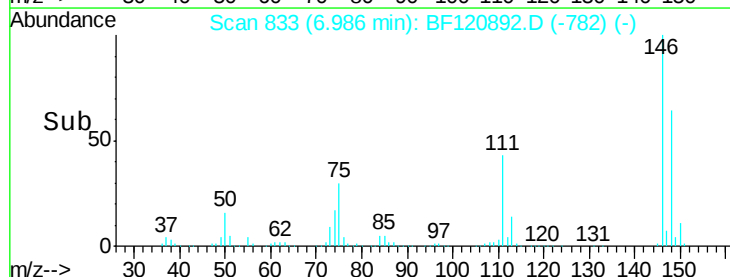
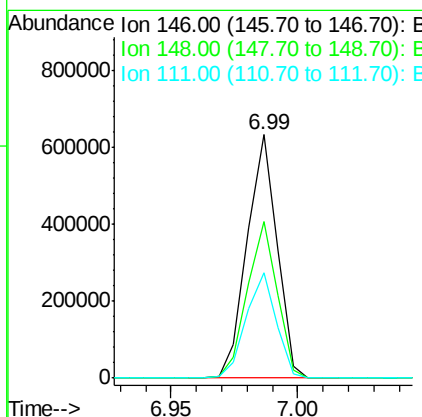
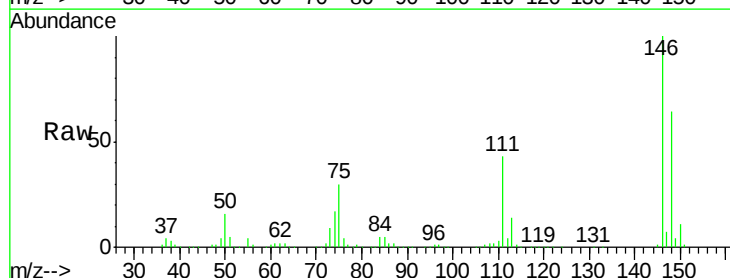
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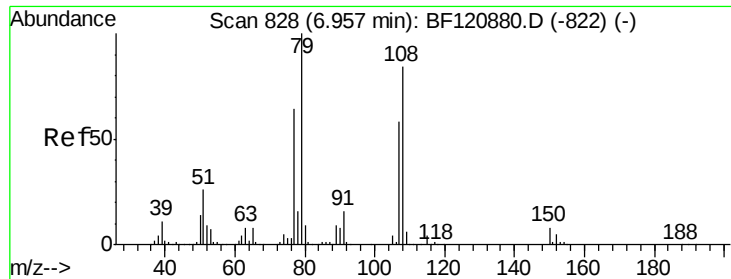
mohammad  
 7/17/2020 12:30:14 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 45.625 ng  
 RT: 6.99 min Scan# 833  
 Delta R.T. 0.00 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 50.6  | 76.0  |
| 111     | 43.4  | 34.2  | 51.2  |





#15

Benzyl Alcohol

Concen: 47.419 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA\_F

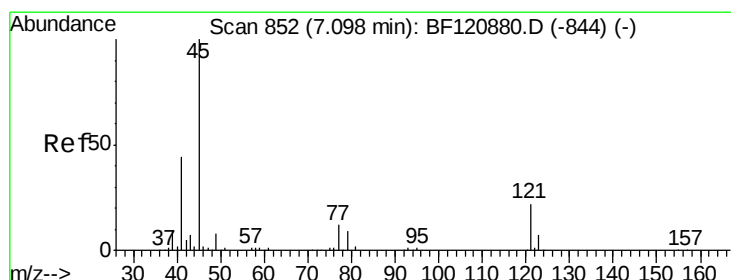
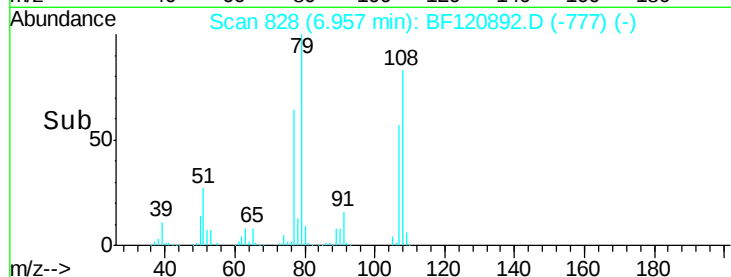
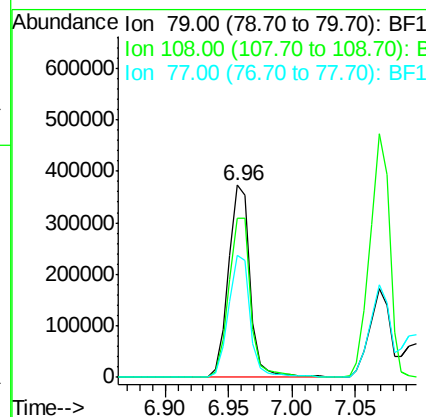
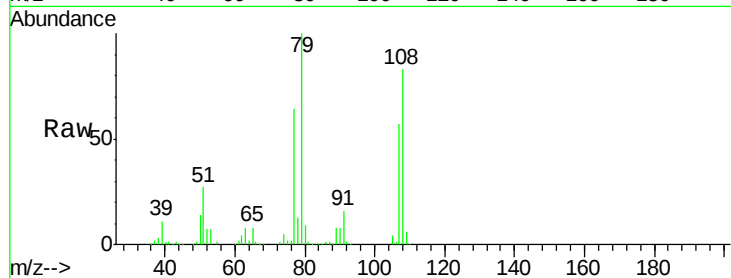
ClientSampleId :

SU-03-071420MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 441829 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 82.7  | 67.0  | 100.6  |
| 77       | 63.8  | 51.0  | 76.4   |

Manual Integrations  
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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.888 ng

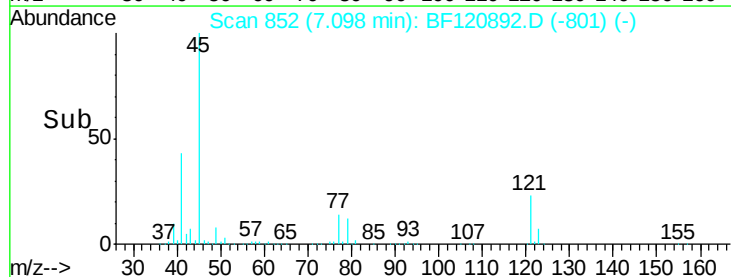
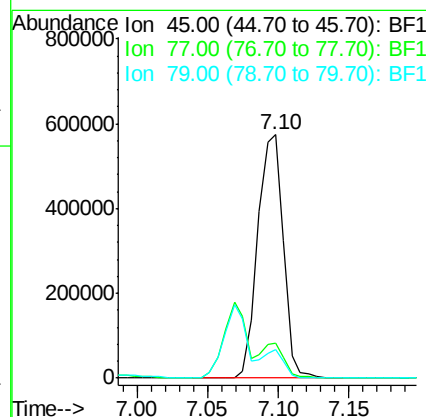
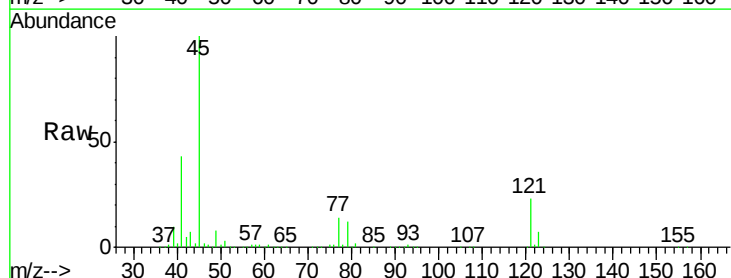
RT: 7.10 min Scan# 852

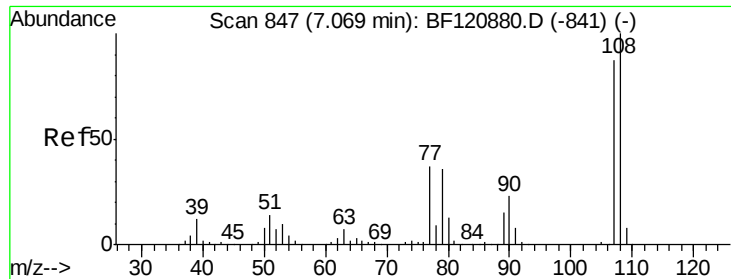
Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 734665 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 14.5  | 0.0   | 34.3   |
| 79       | 11.5  | 0.0   | 31.0   |





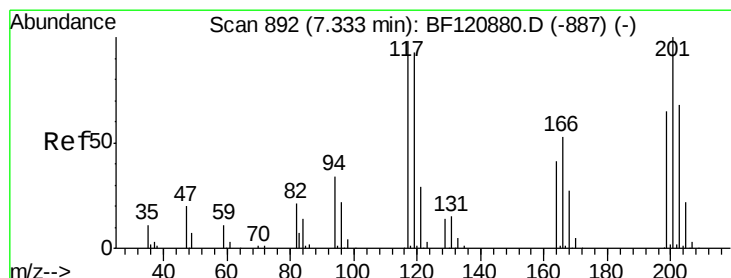
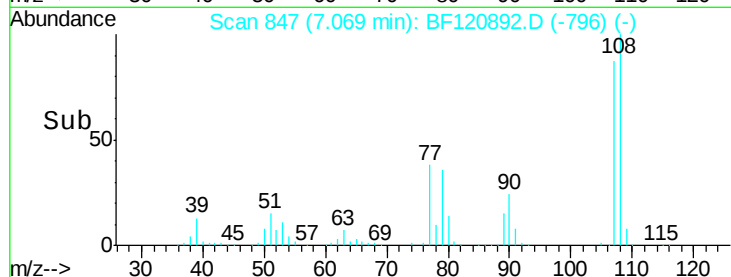
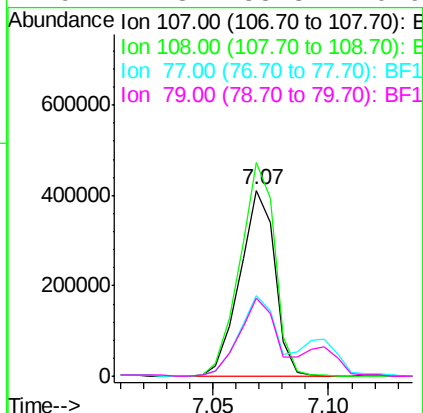
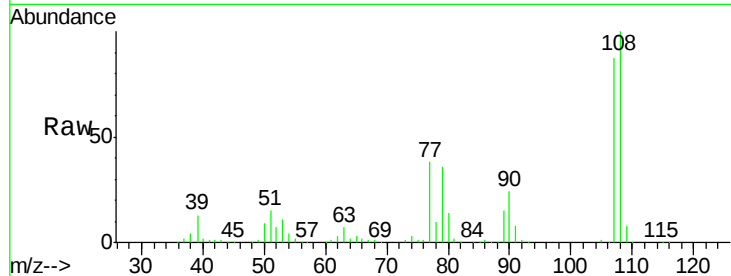
#17  
2-Methylphenol  
Concen: 43.624 ng  
RT: 7.07 min Scan# 847  
Delta R.T. -0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | 107   | Resp  | 434454 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 107     | 100   |       |        |
| 108     | 114.9 | 92.0  | 138.0  |
| 77      | 43.5  | 34.0  | 51.0   |
| 79      | 41.8  | 33.3  | 49.9   |

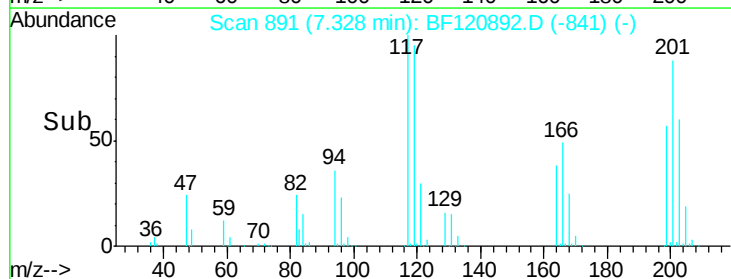
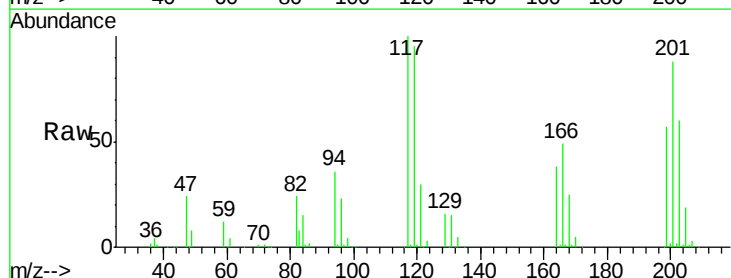
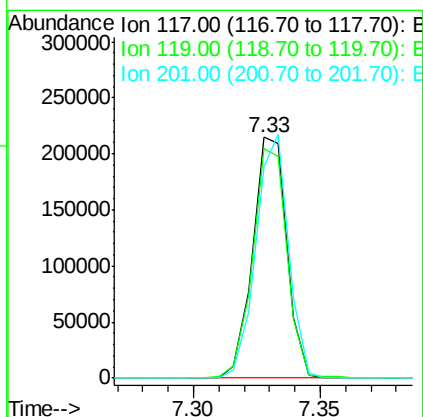
Manual Integrations  
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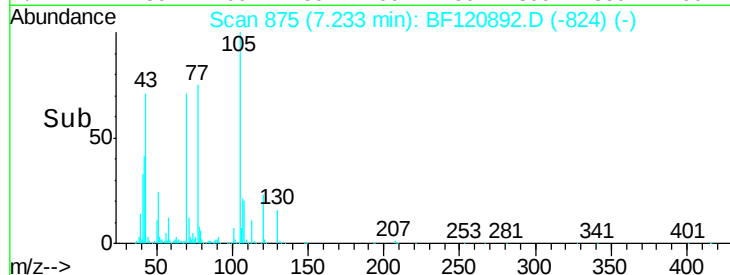
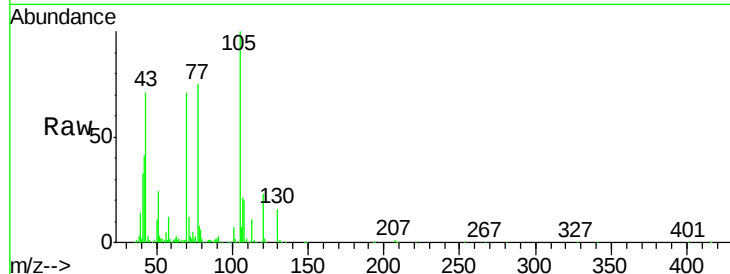
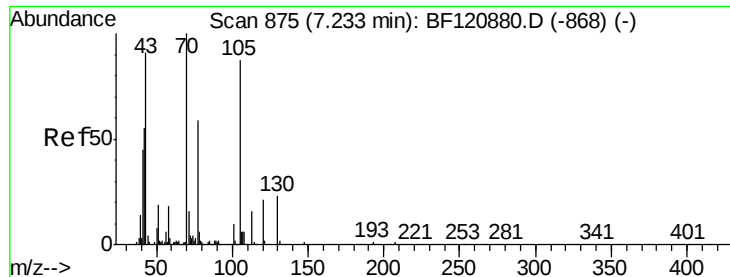
mohammad  
7/17/2020 12:30:14 PM



#18  
Hexachloroethane  
Concen: 45.798 ng  
RT: 7.33 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | 117   | Resp  | 200827 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 117     | 100   |       |        |
| 119     | 95.5  | 76.0  | 114.0  |
| 201     | 87.6  | 81.7  | 122.5  |





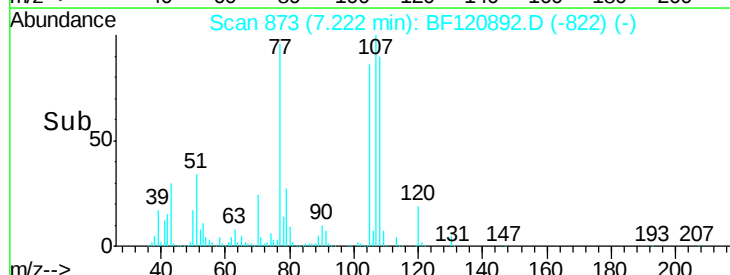
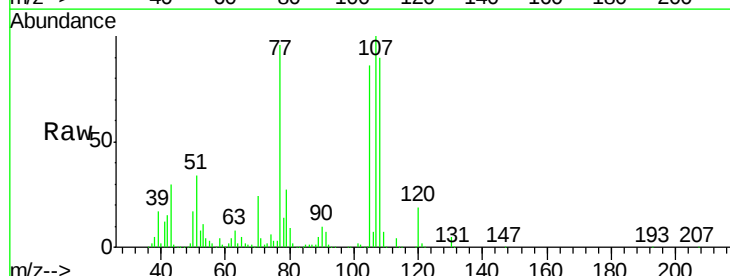
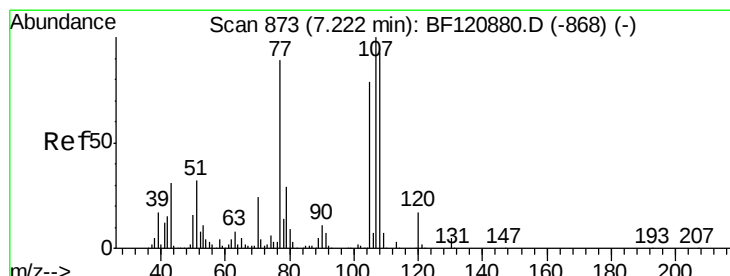
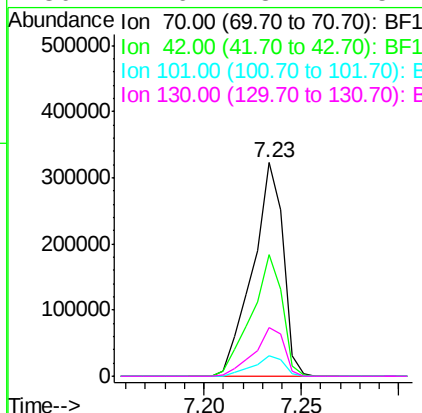
#19  
n-Nitroso-di-n-propylamine  
Concen: 46.684 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 57.2  | 44.0  | 66.0  |
| 101     | 9.3   | 7.8   | 11.6  |
| 130     | 22.6  | 18.7  | 28.1  |

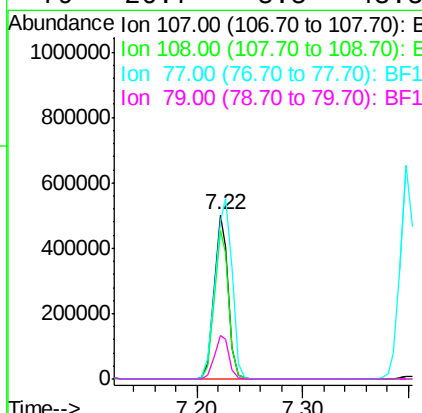
Manual Integrations  
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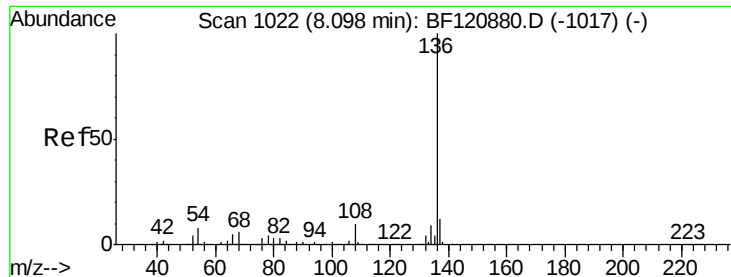
mohammad  
7/17/2020 12:30:14 PM



#20  
3+4-Methylphenols  
Concen: 37.520 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.3  | 72.8  | 112.8 |
| 77      | 95.9  | 68.7  | 108.7 |
| 79      | 26.7  | 8.5   | 48.5  |





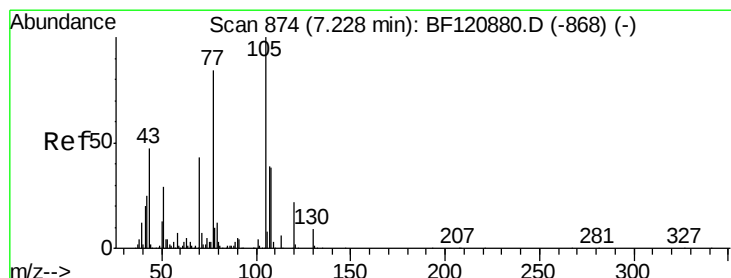
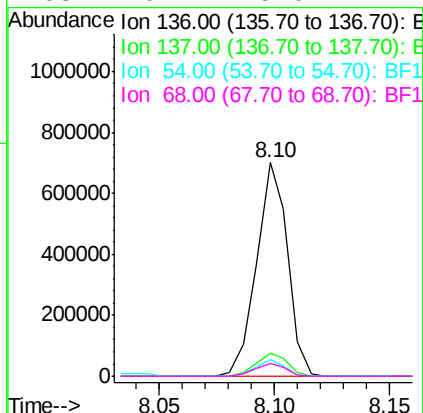
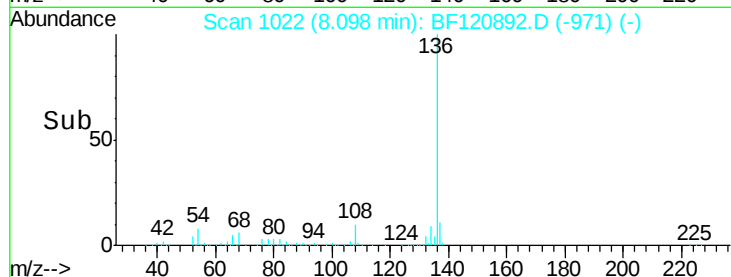
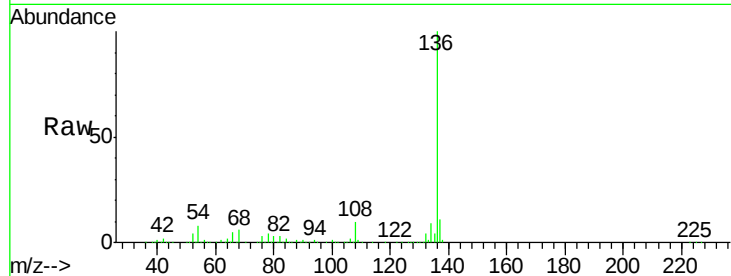
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 652645 |       |       |
| 137     | 11.0  | 9.3    | 13.9  |       |
| 54      | 7.8   | 6.3    | 9.5   |       |
| 68      | 6.2   | 5.0    | 7.4   |       |

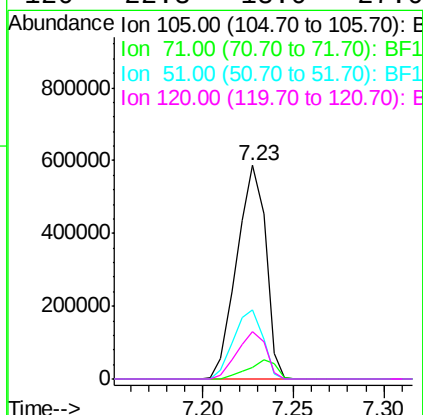
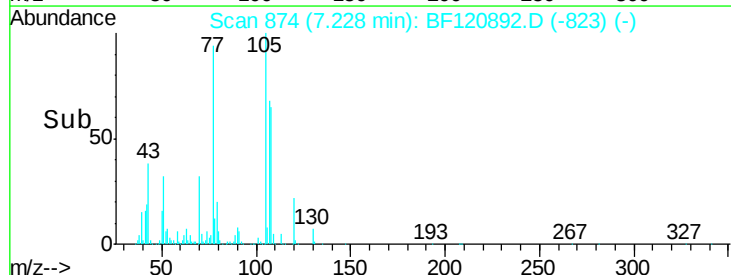
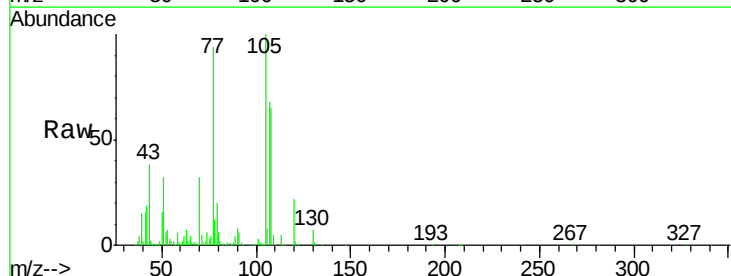
Manual Integrations  
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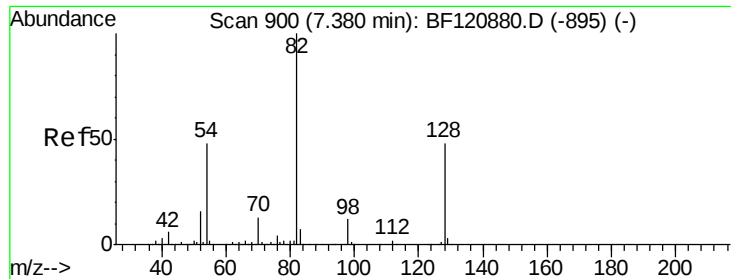
mohammad  
7/17/2020 12:30:14 PM



#22  
Acetophenone  
Concen: 44.565 ng  
RT: 7.23 min Scan# 874  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 652755 |       |       |
| 71      | 5.5   | 5.7    | 8.5#  |       |
| 51      | 32.2  | 22.9   | 34.3  |       |
| 120     | 22.3  | 18.0   | 27.0  |       |





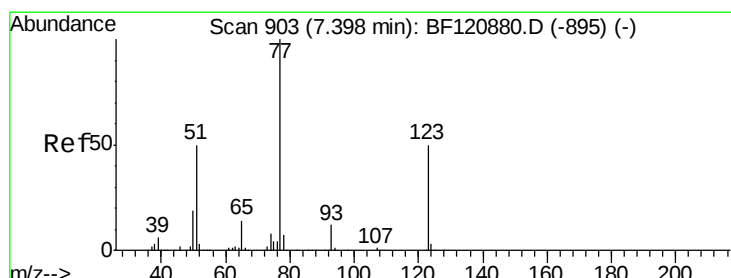
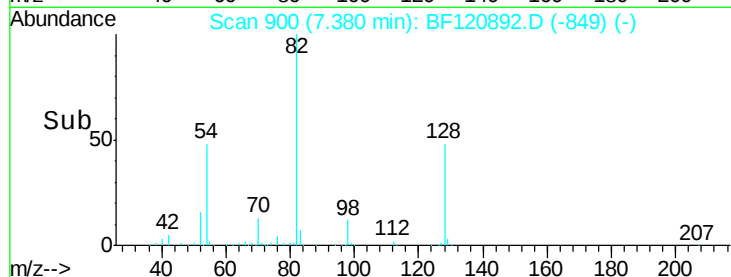
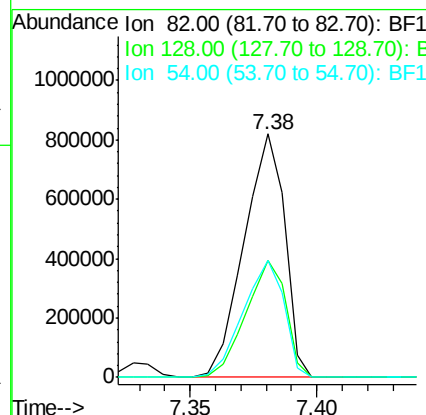
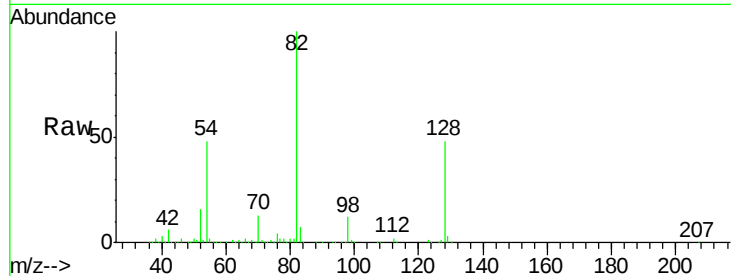
#23  
 Nitrobenzene-d5  
 Concen: 81.217 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 48.0  | 38.2  | 57.4  |
| 54      | 47.9  | 38.7  | 58.1  |

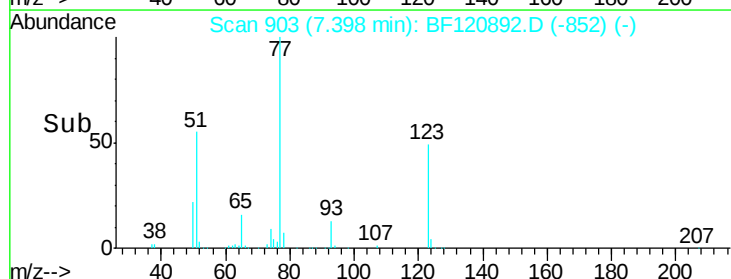
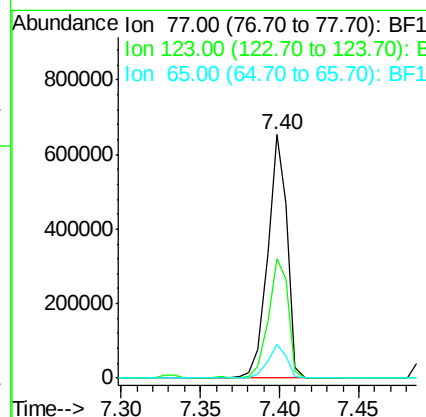
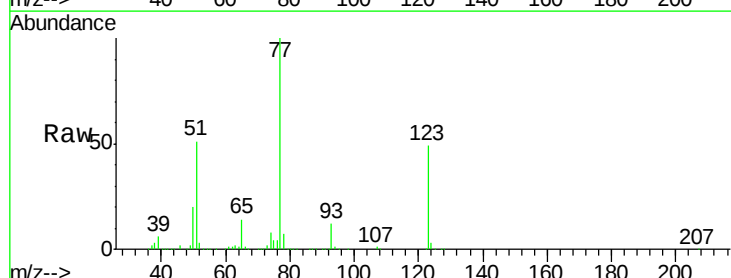
Manual Integrations  
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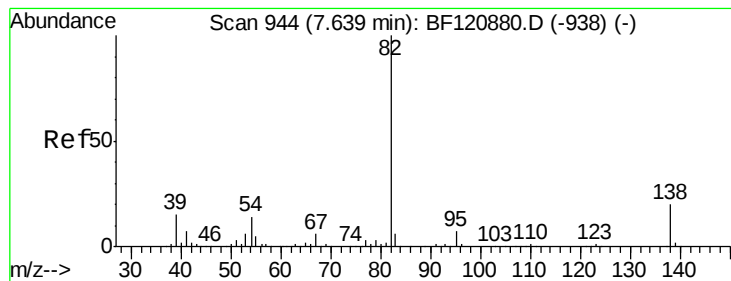
mohammad  
 7/17/2020 12:30:14 PM



#24  
 Nitrobenzene  
 Concen: 45.950 ng  
 RT: 7.40 min Scan# 903  
 Delta R.T. 0.00 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.3  | 40.1  | 60.1  |
| 65      | 13.7  | 10.8  | 16.2  |





#25

Isophorone

Concen: 46.699 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA\_F

ClientSampleId :

SU-03-071420MS

Tot Ion: 82 Resp: 1051225

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

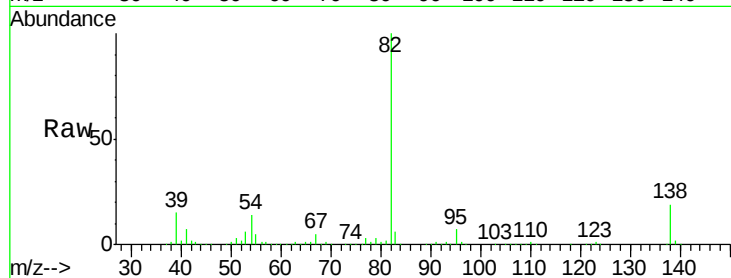
138 18.6 15.6 23.4

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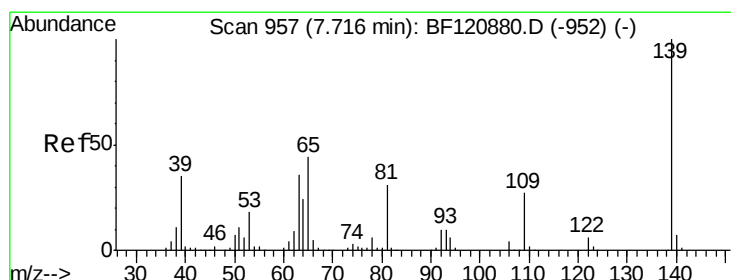
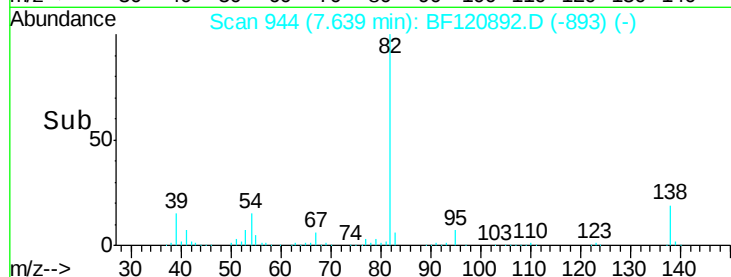
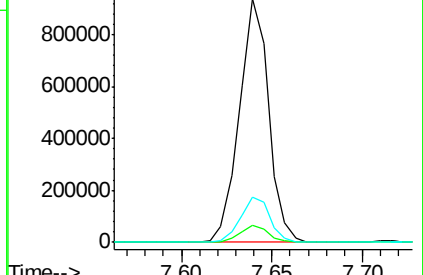
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.900 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

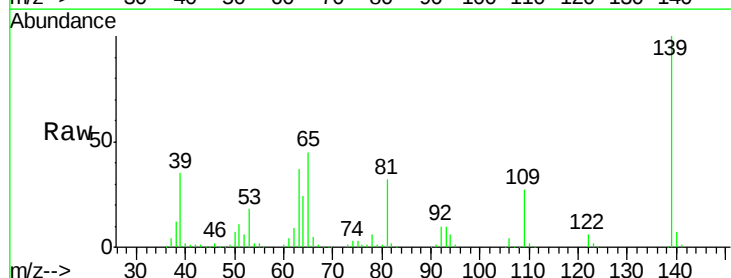
Tgt Ion: 139 Resp: 288100

Ion Ratio Lower Upper

139 100

109 27.3 21.6 32.4

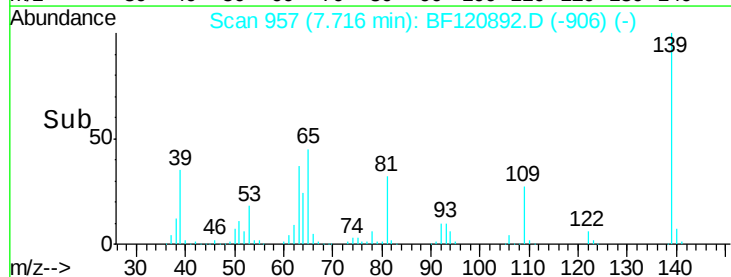
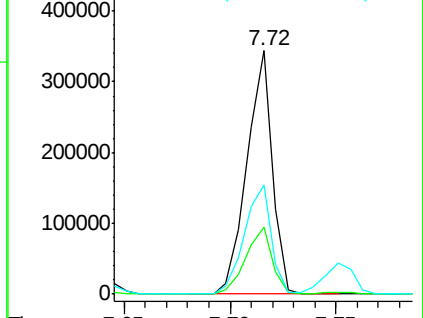
65 45.0 35.3 52.9

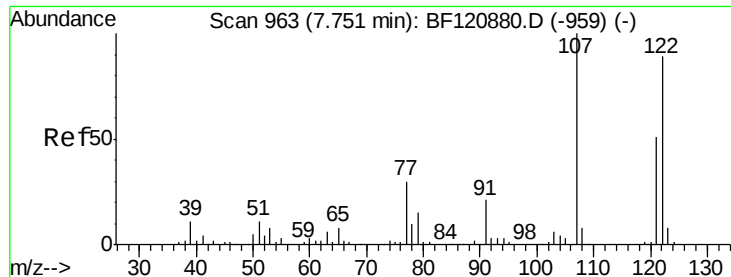


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





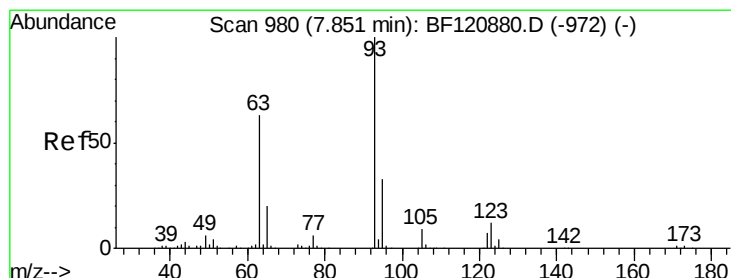
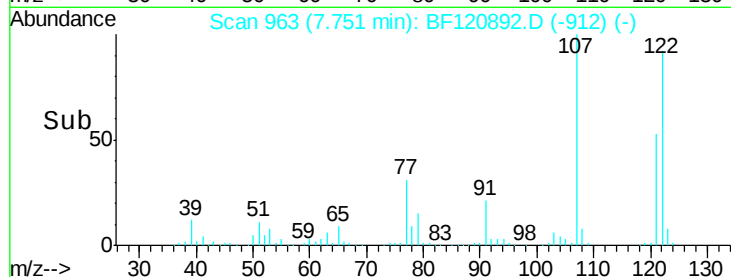
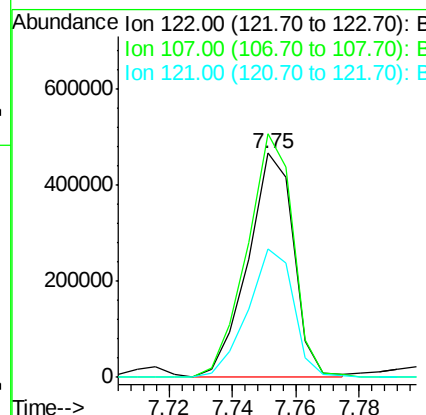
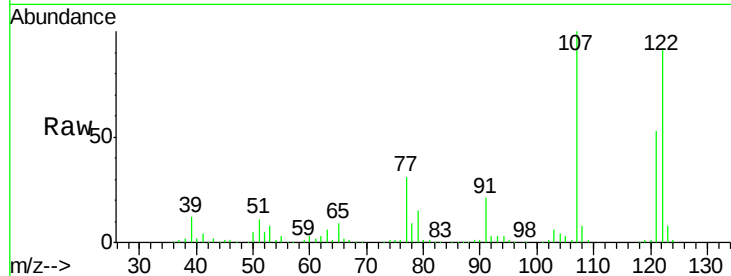
#27  
2,4-Dimethylphenol  
Concen: 50.037 ng  
RT: 7.75 min Scan# 963  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 108.7 | 89.4  | 134.0 |
| 121     | 57.2  | 46.0  | 69.0  |

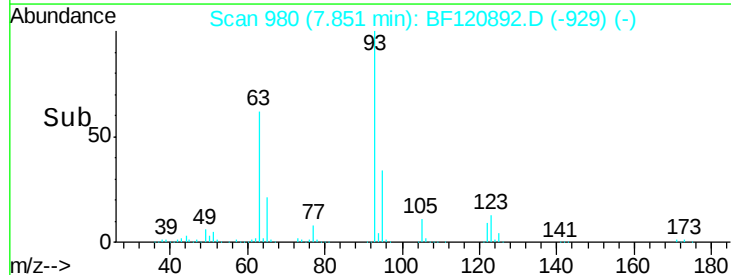
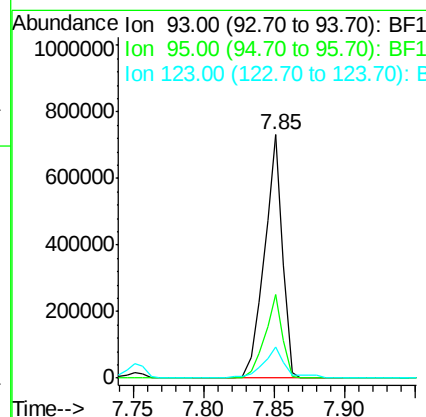
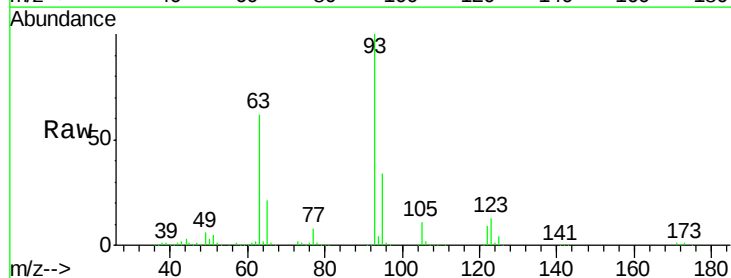
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#28  
bis(2-Chloroethoxy)methane  
Concen: 47.874 ng  
RT: 7.85 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.4  | 26.6  | 39.8  |
| 123     | 12.5  | 10.0  | 15.0  |





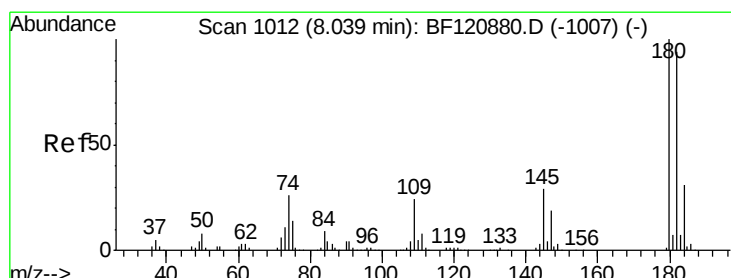
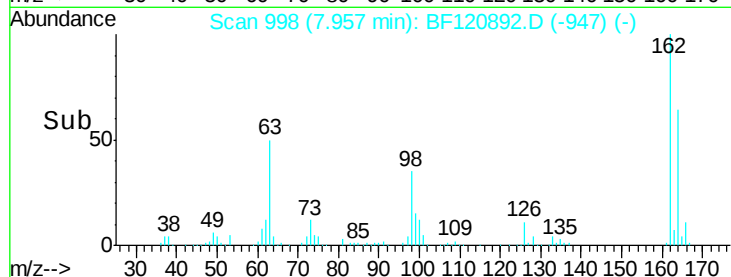
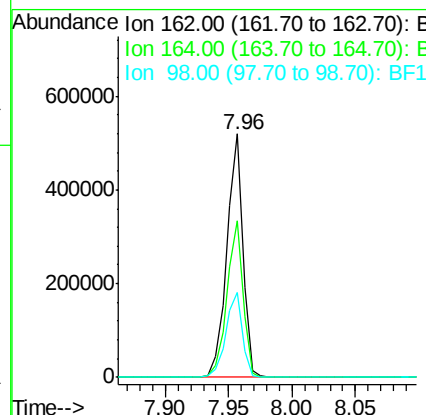
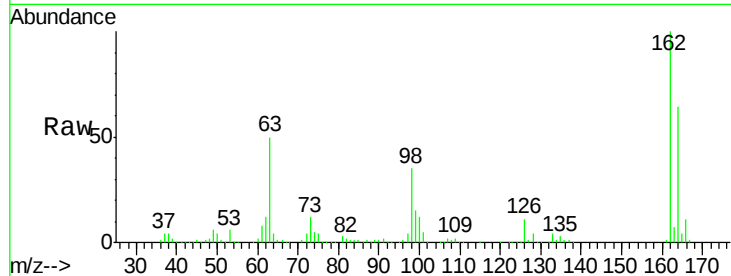
#29  
2,4-Dichlorophenol  
Concen: 48.053 ng  
RT: 7.96 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.3  | 45.3       | 85.3       |
| 98      | 34.8  | 13.3       | 53.3       |

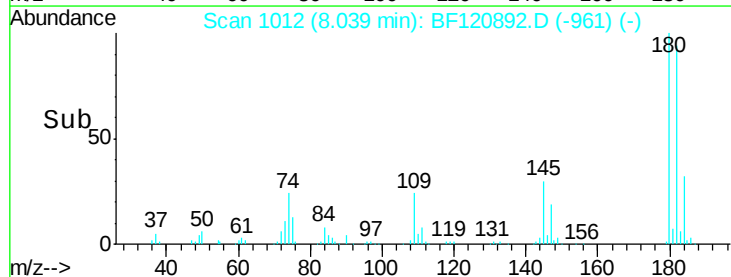
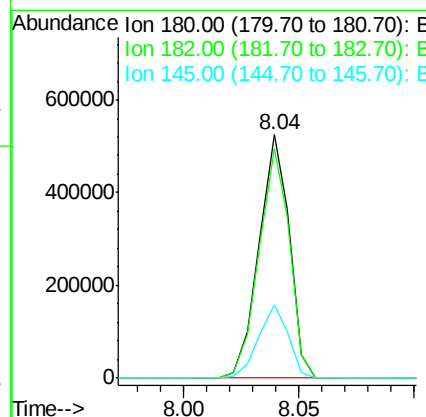
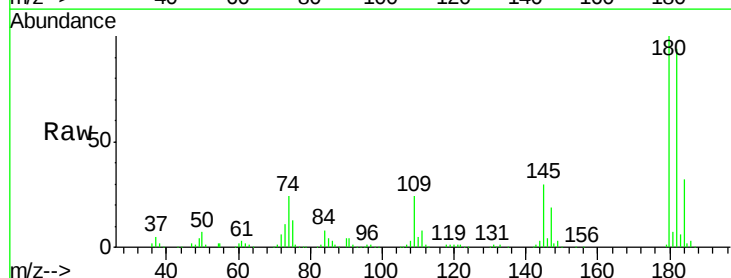
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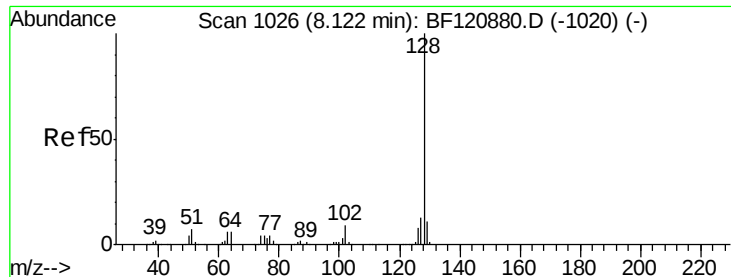
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#30  
1,2,4-Trichlorobenzene  
Concen: 45.351 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 94.2  | 75.0       | 112.6      |
| 145     | 30.0  | 23.5       | 35.3       |





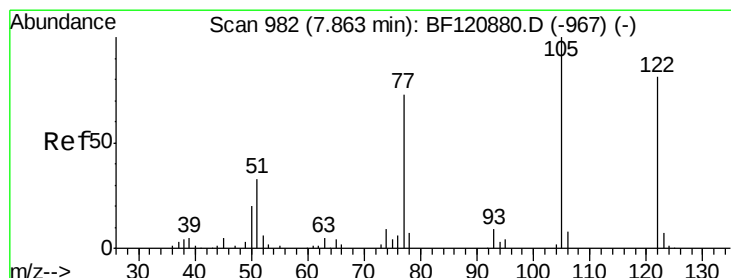
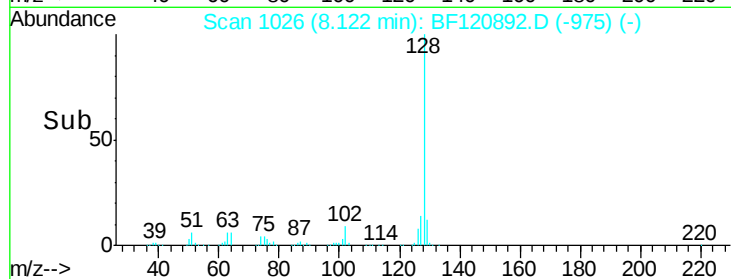
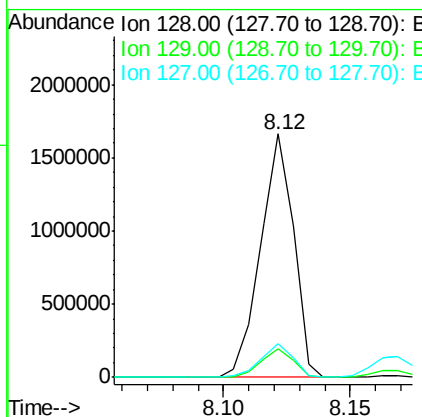
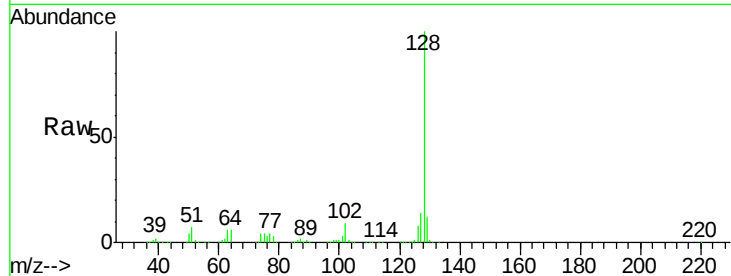
#31  
Naphthalene  
Concen: 44.975 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.8  | 9.1   | 13.7  |
| 127     | 13.7  | 10.7  | 16.1  |

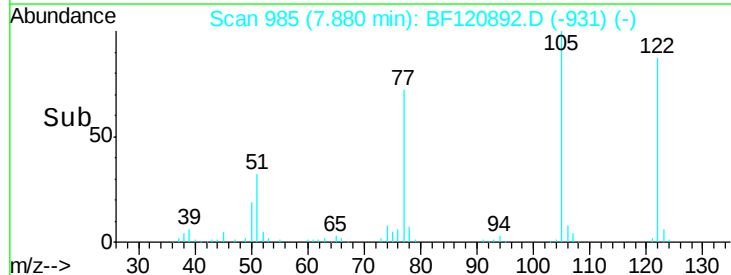
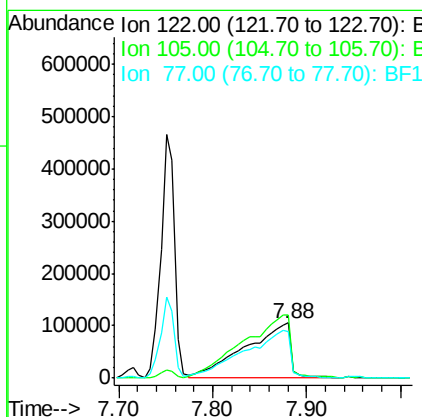
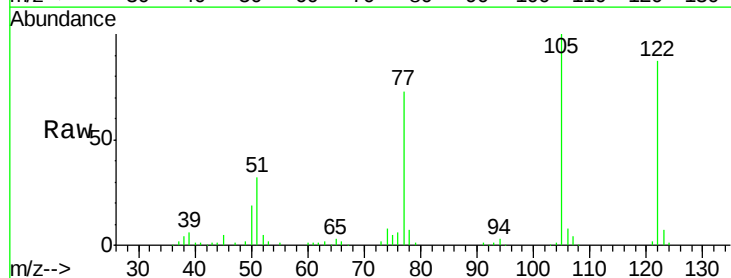
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#32  
Benzoic acid  
Concen: 49.709 ng  
RT: 7.88 min Scan# 985  
Delta R.T. 0.02 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 114.3 | 101.3 | 141.3 |
| 77      | 83.4  | 69.1  | 109.1 |





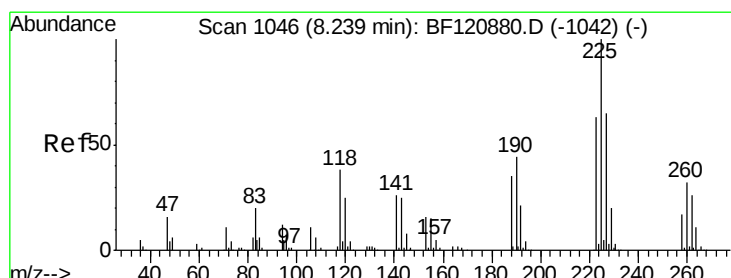
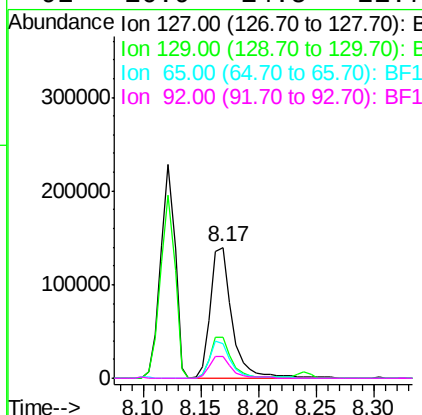
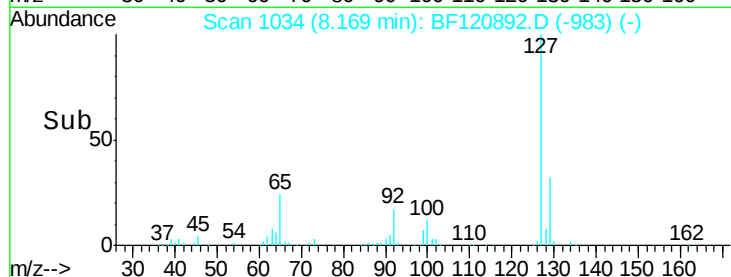
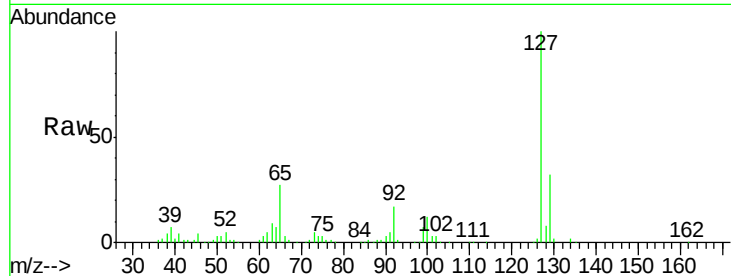
#33  
4-Chloroaniline  
Concen: 12.125 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 181076 |       |       |
| 129     | 31.8 | 26.5  | 39.7   |       |       |
| 65      | 26.6 | 23.0  | 34.4   |       |       |
| 92      | 16.9 | 14.5  | 21.7   |       |       |

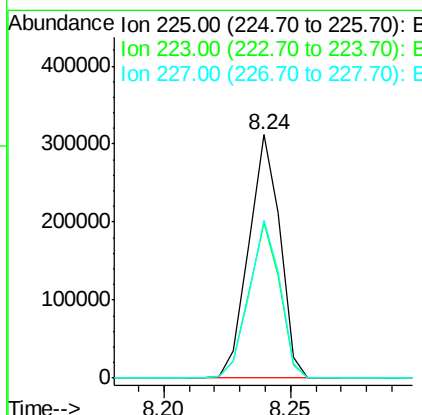
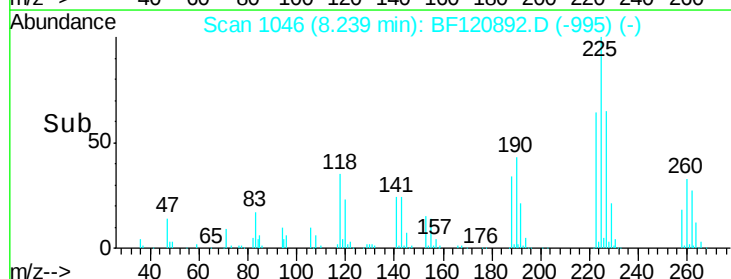
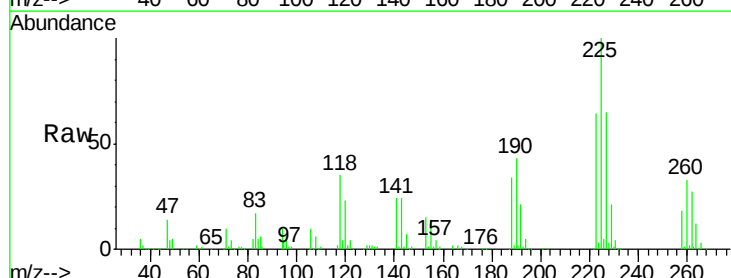
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#34  
Hexachlorobutadiene  
Concen: 42.770 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 267951 |       |       |
| 223     | 63.8 | 50.6  | 76.0   |       |       |
| 227     | 64.7 | 52.2  | 78.2   |       |       |





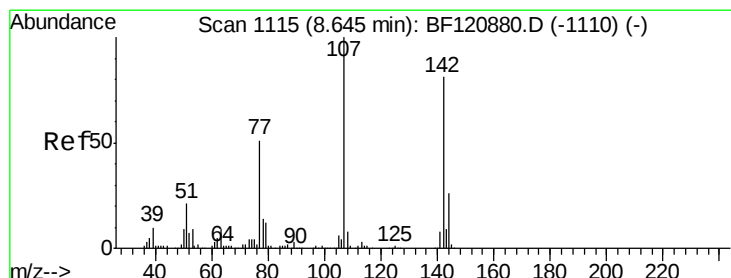
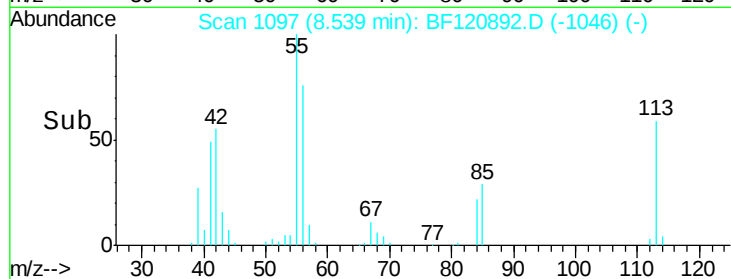
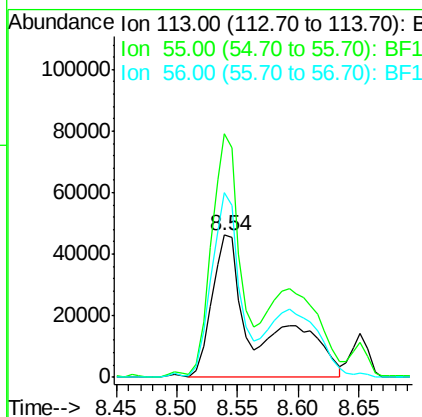
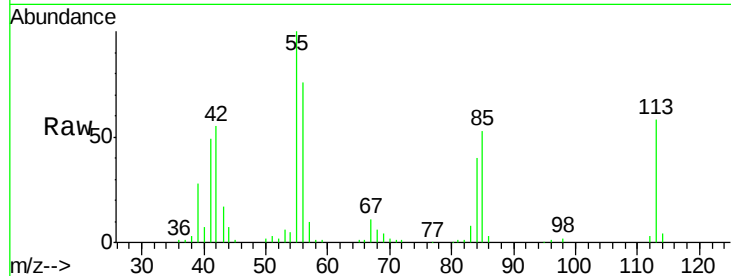
#35  
 Caprolactam  
 Concen: 41.325 ng/ml  
 RT: 8.54 min Scan# 1097  
 Delta R.T. 0.00 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-071420MS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 113     | 100   |       |       |       |       |
| 55      | 171.3 |       | 143.3 | 183.3 |       |
| 56      | 130.1 |       | 99.4  | 139.4 |       |

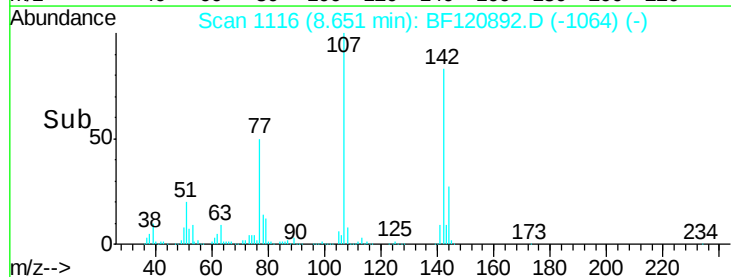
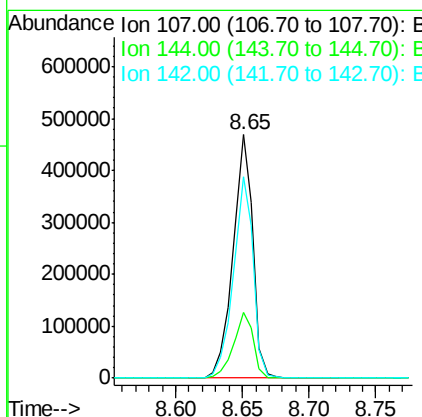
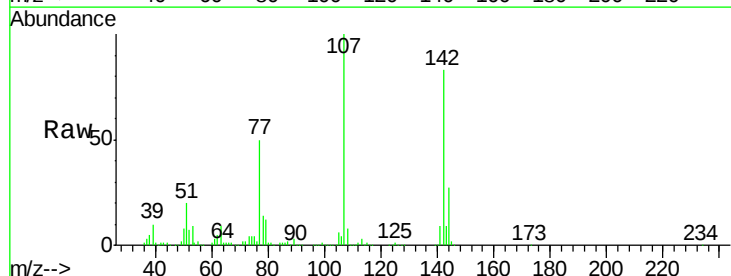
Manual Integrations  
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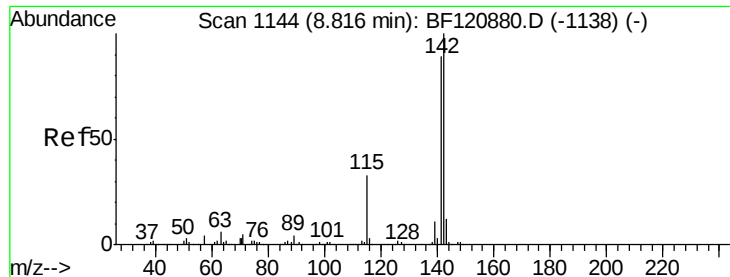
mohammad  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 49.729 ng/ml  
 RT: 8.65 min Scan# 1116  
 Delta R.T. 0.01 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 144     | 26.9 |       | 21.0 | 31.6  |       |
| 142     | 82.7 |       | 65.0 | 97.6  |       |





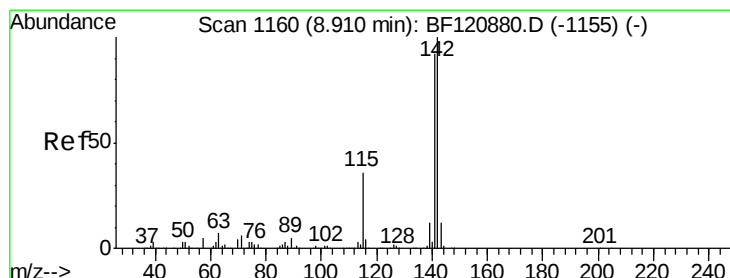
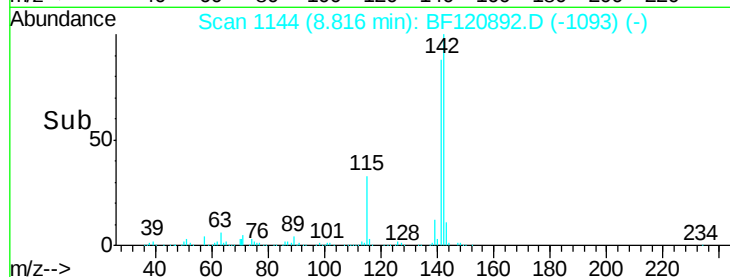
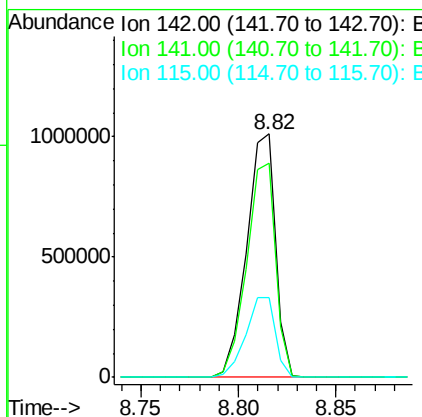
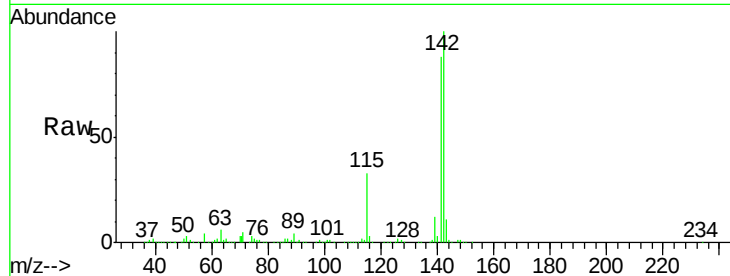
#37  
2-Methylnaphthalene  
Concen: 47.825 ng  
RT: 8.82 min Scan# 1144  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.0  | 71.0  | 106.4 |
| 115     | 32.7  | 26.0  | 39.0  |

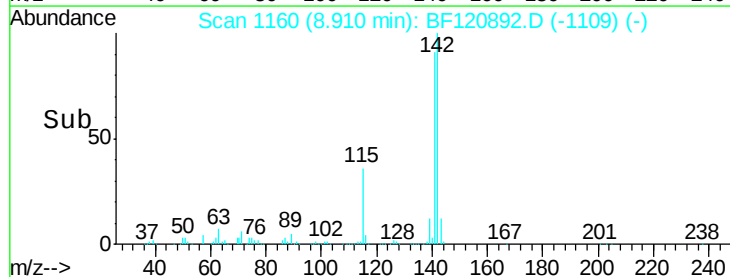
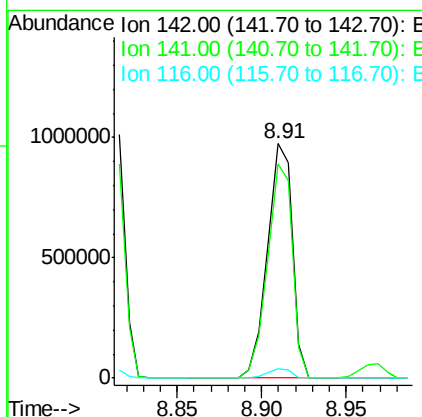
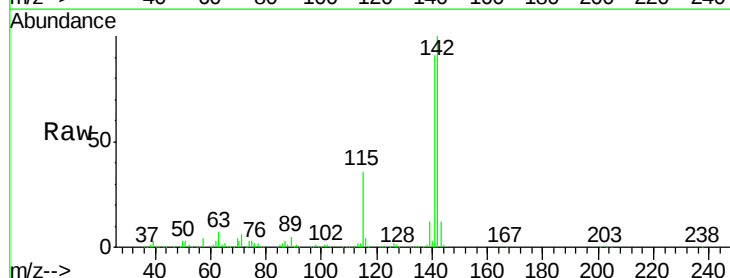
Manual Integrations  
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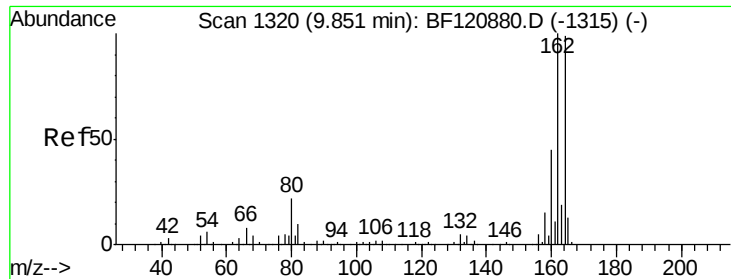
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 48.001 ng  
RT: 8.91 min Scan# 1160  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.3  | 73.7  | 110.5 |
| 116     | 3.8   | 3.0   | 4.6   |





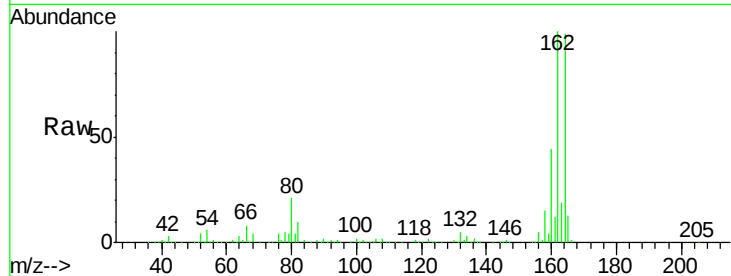
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.0 | 81.2  | 121.8 |
| 160     | 44.7  | 36.9  | 55.3  |

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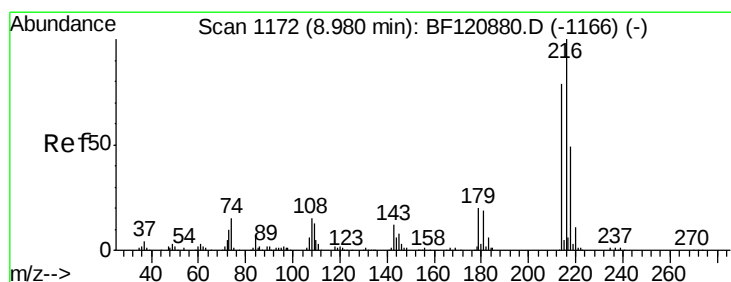
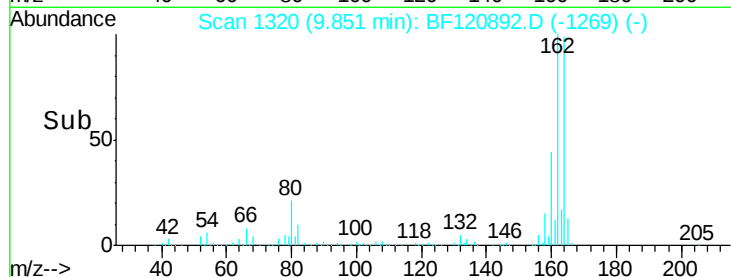
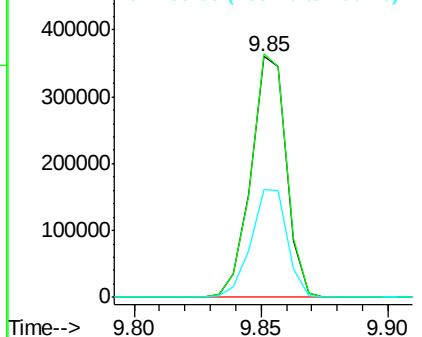


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.082 ng  
RT: 8.98 min Scan# 1172  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.7  | 63.8  | 95.8  |
| 179     | 20.7  | 16.6  | 24.8  |
| 108     | 20.8  | 15.4  | 23.0  |

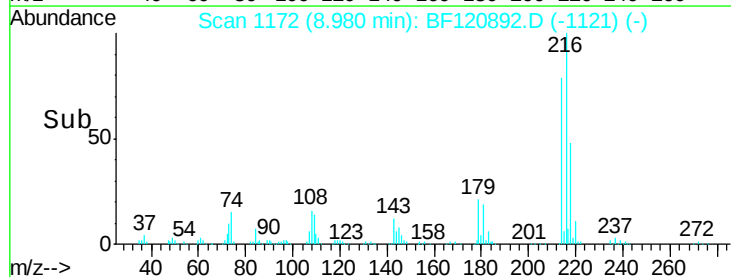
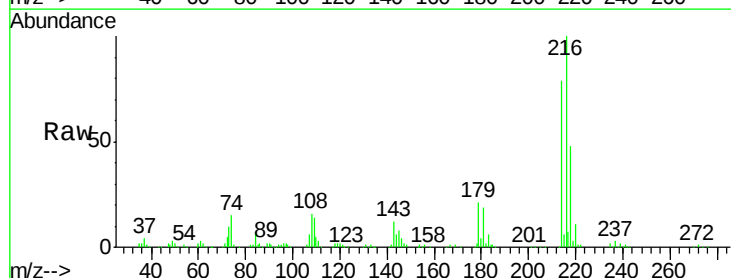
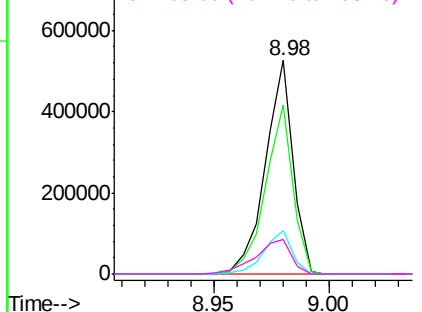
Abundance

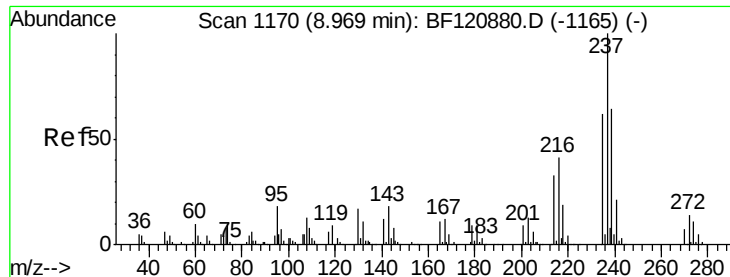
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.342 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA\_F

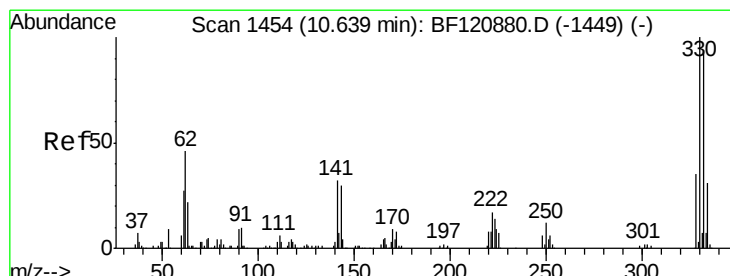
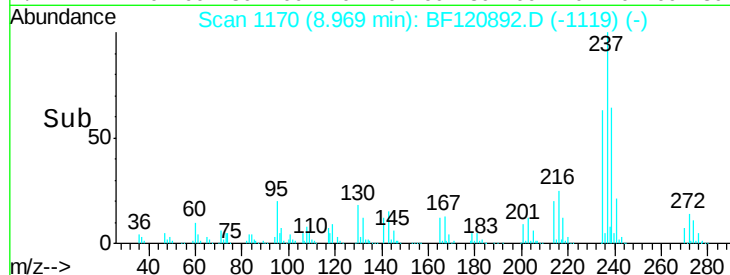
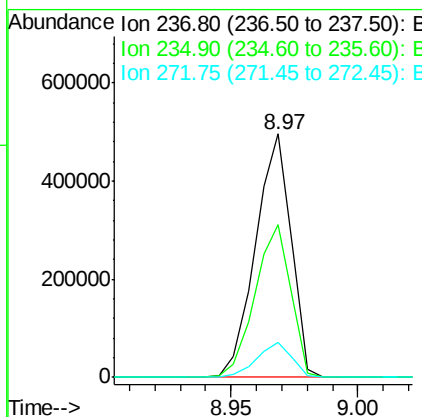
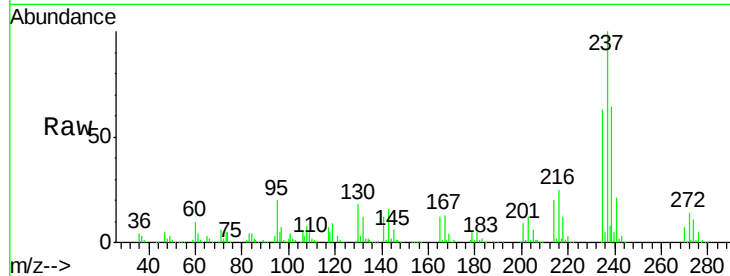
ClientSampleId :

SU-03-071420MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 485194 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.0  | 41.6  | 81.6   |
| 272       | 14.2  | 0.0   | 33.7   |

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#42

2,4,6-Tribromophenol

Concen: 118.707 ng

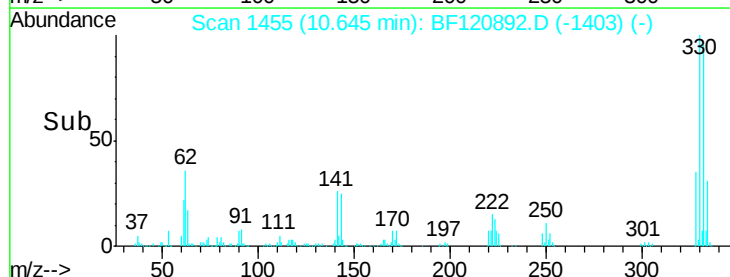
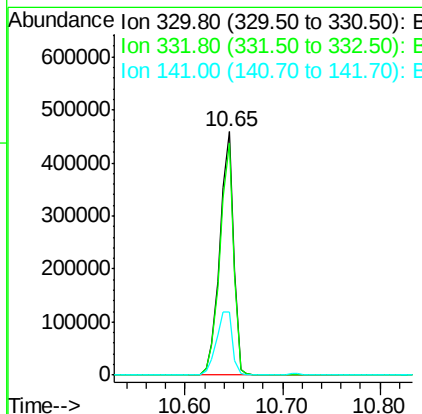
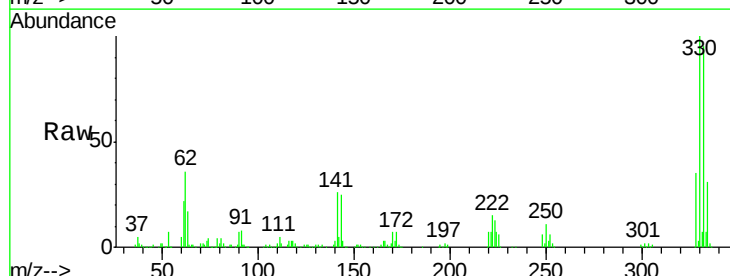
RT: 10.65 min Scan# 1455

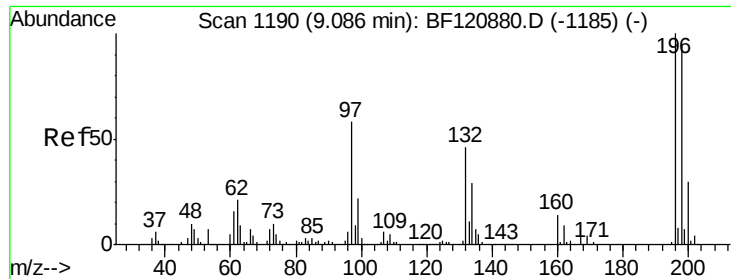
Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 453447 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.7  | 75.5  | 113.3  |
| 141       | 30.0  | 25.7  | 38.5   |





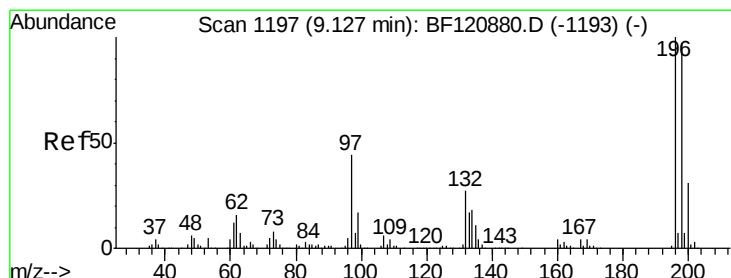
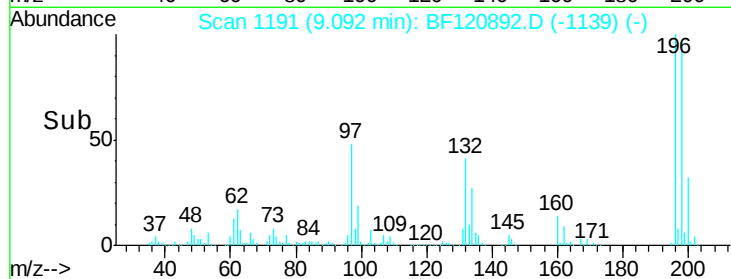
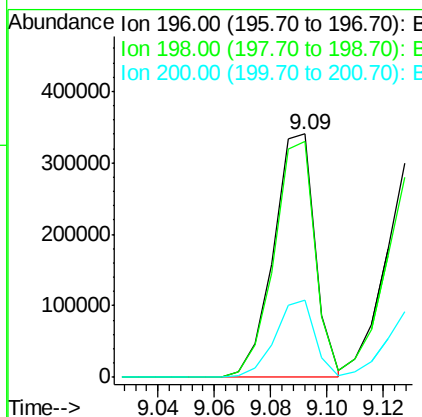
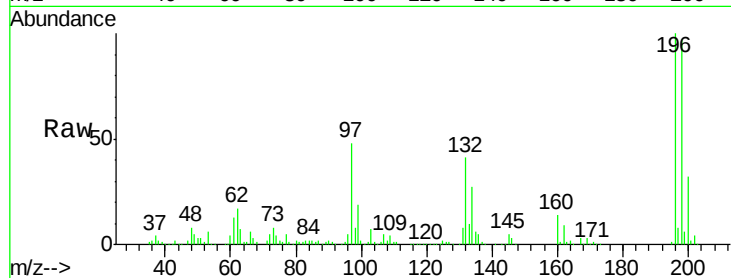
#43  
 2,4,6-Trichlorophenol  
 Concen: 48.592 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. 0.01 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-071420MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 347868 |       |       |
| 198     | 97.1  | 75.7   | 113.5 |       |
| 200     | 31.8  | 24.4   | 36.6  |       |

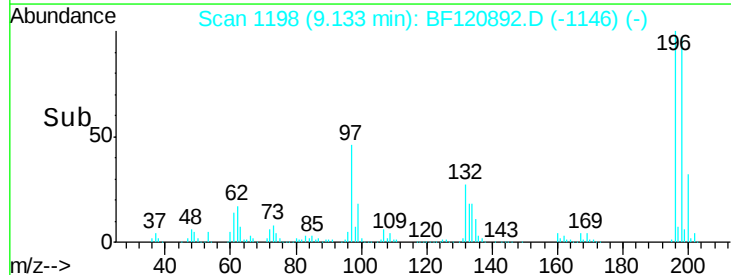
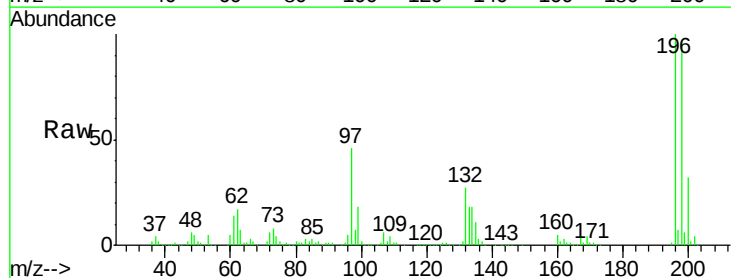
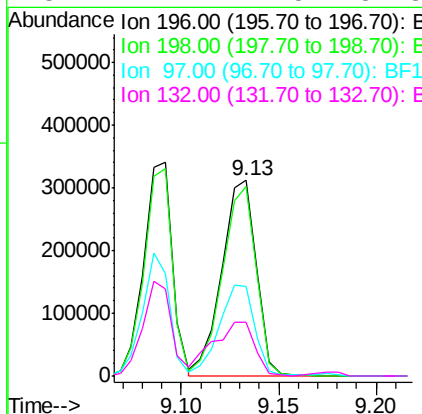
Manual Integrations  
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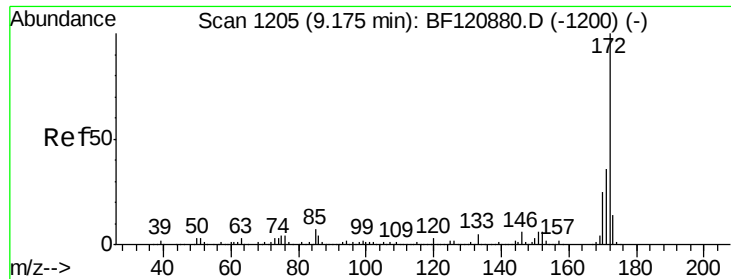
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#44  
 2,4,5-Trichlorophenol  
 Concen: 46.931 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. 0.01 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 381106 |       |       |
| 198     | 97.0  | 77.6   | 116.4 |       |
| 97      | 46.0  | 35.6   | 53.4  |       |
| 132     | 27.4  | 21.5   | 32.3  |       |





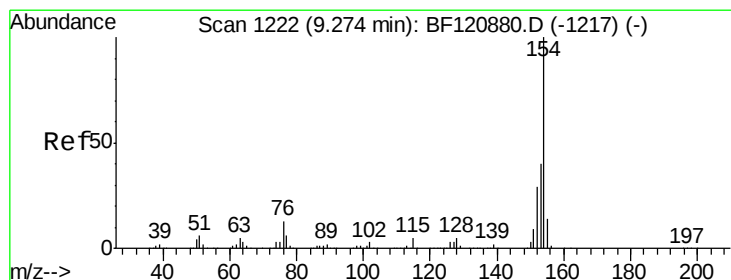
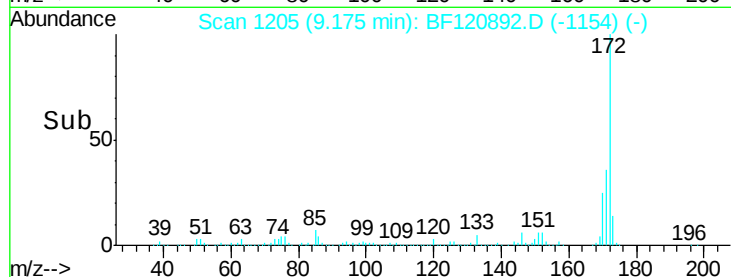
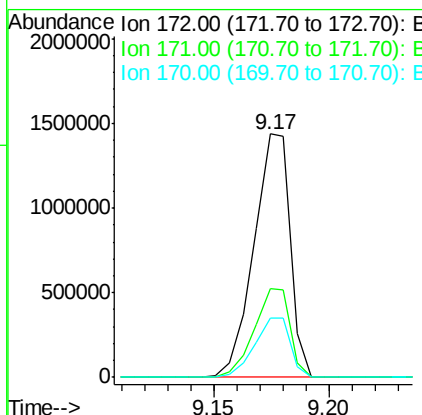
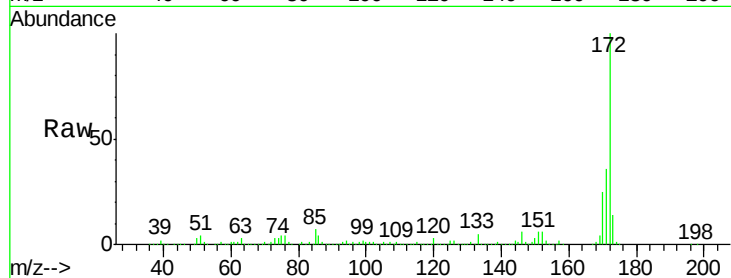
#45  
2-Fluorobiphenyl  
Concen: 67.498 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 29.0  | 43.4  |
| 170     | 24.6  | 19.6  | 29.4  |

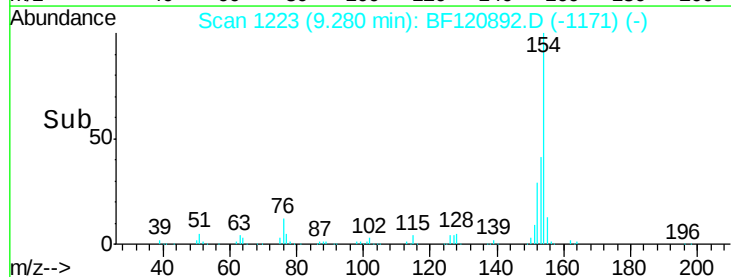
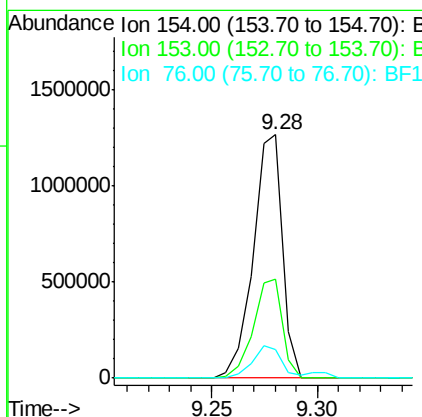
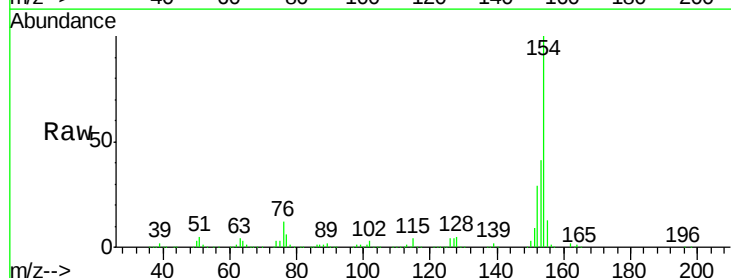
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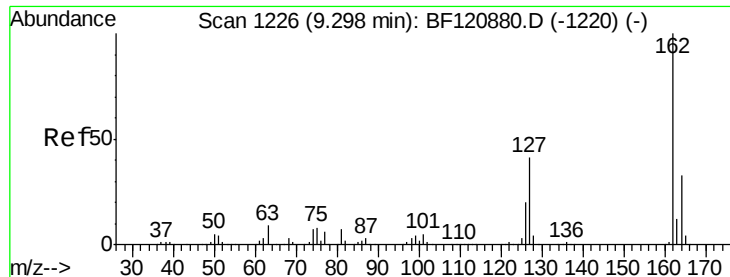
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#46  
1,1'-Biphenyl  
Concen: 45.791 ng  
RT: 9.28 min Scan# 1223  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.8  | 20.4  | 60.4  |
| 76      | 11.6  | 0.0   | 33.1  |





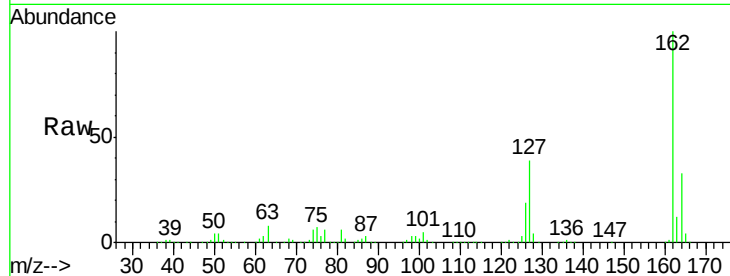
#47  
2-Chloronaphthalene  
Concen: 44.774 ng  
RT: 9.30 min Scan# 1227  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

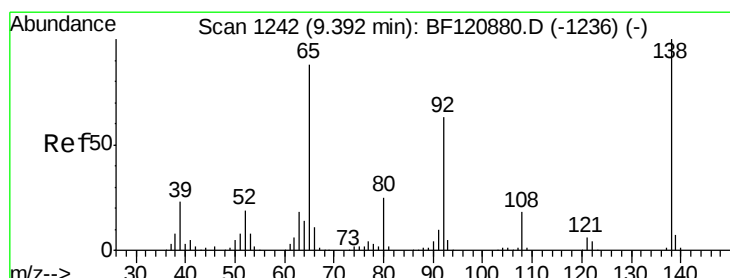
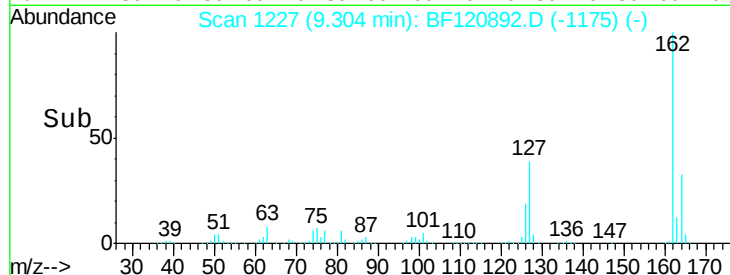
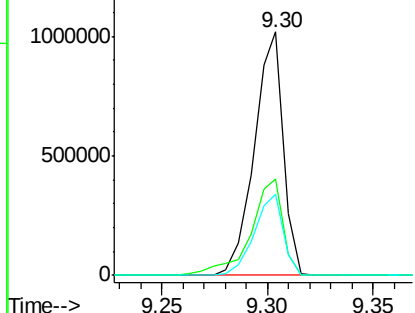
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 39.4  | 33.3       | 49.9  |
| 164     | 33.4  | 26.6       | 39.8  |

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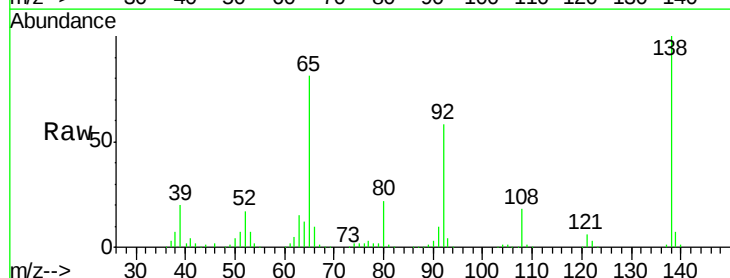


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

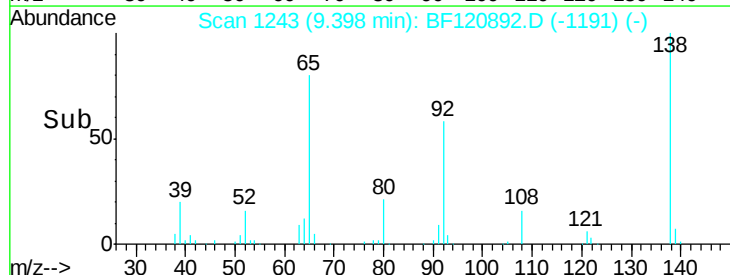
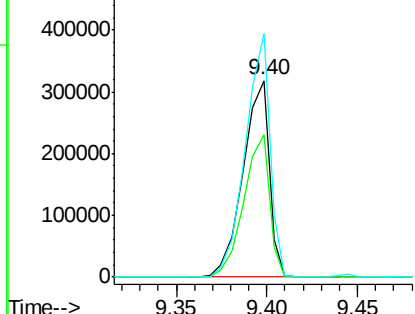


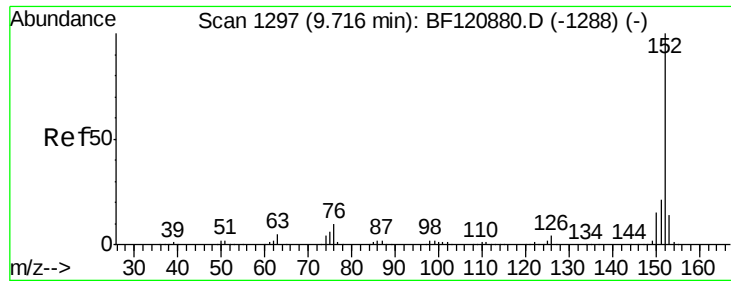
#48  
2-Nitroaniline  
Concen: 48.652 ng  
RT: 9.40 min Scan# 1243  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 65      | 100   |            |       |
| 92      | 72.2  | 57.0       | 85.4  |
| 138     | 123.8 | 90.4       | 135.6 |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): E





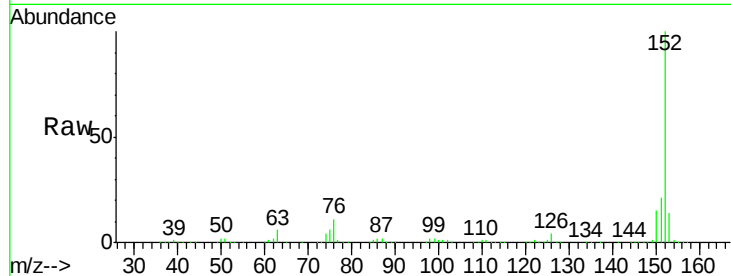
#49  
Acenaphthylene  
Concen: 46.617 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

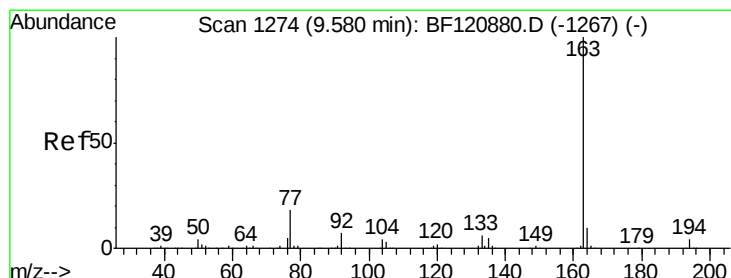
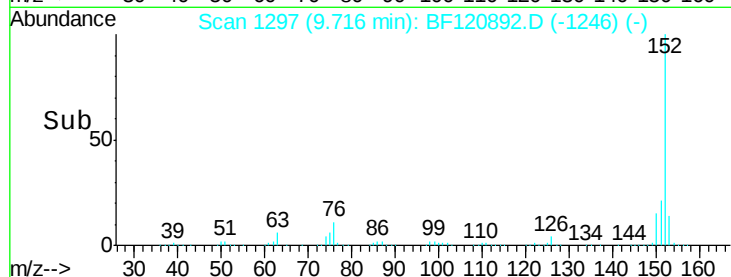
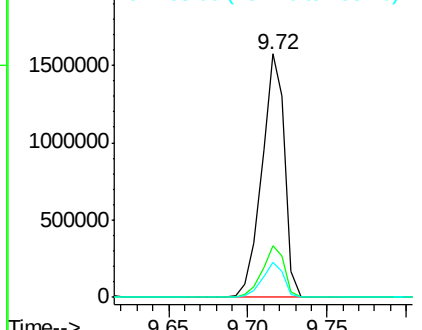
Tot Ion:152 Resp: 1571772  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.6 25.0  
153 14.1 10.9 16.3

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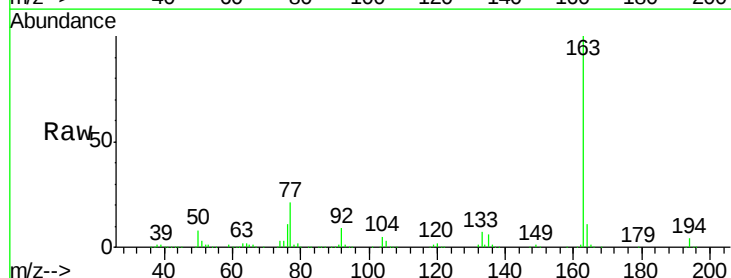


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E

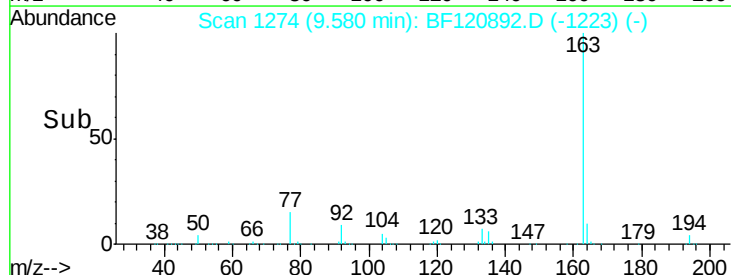
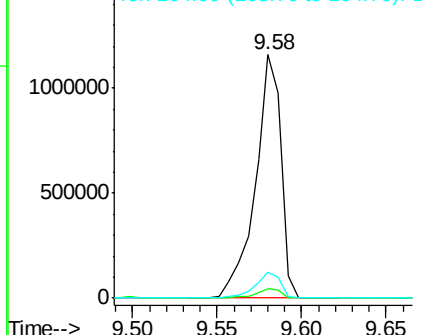


#50  
Dimethylphthalate  
Concen: 48.489 ng  
RT: 9.58 min Scan# 1274  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Tgt Ion:163 Resp: 1220779  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 10.9 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.201 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA\_F

ClientSampleId :

SU-03-071420MS

Tot Ion:165 Resp: 276942

Ion Ratio Lower Upper

165 100

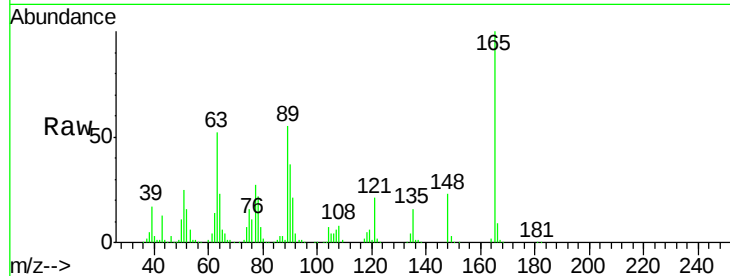
63 52.3 45.4 68.2

89 55.1 47.0 70.4

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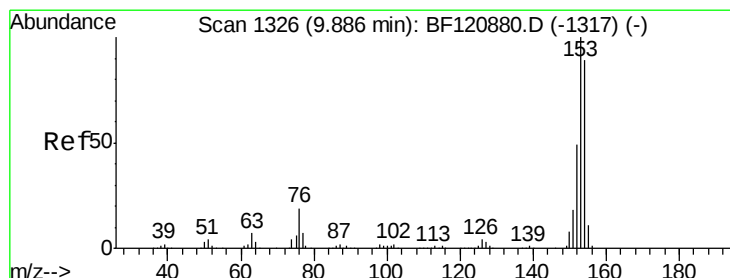
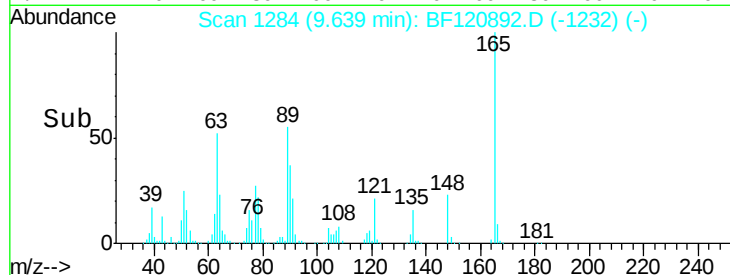
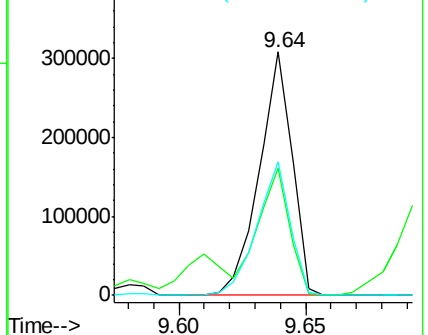
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 51.571 ng m

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

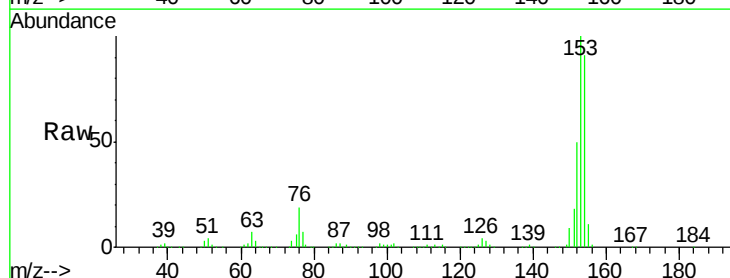
Tgt Ion:154 Resp: 1105476

Ion Ratio Lower Upper

154 100

153 110.4 89.5 134.3

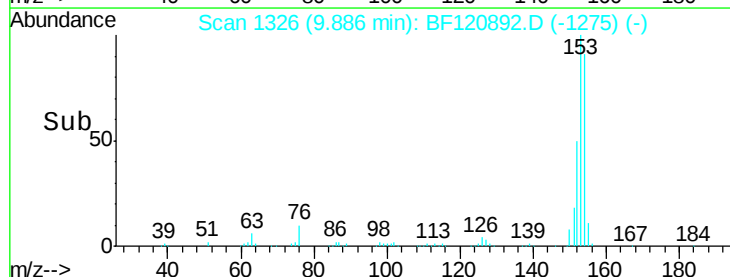
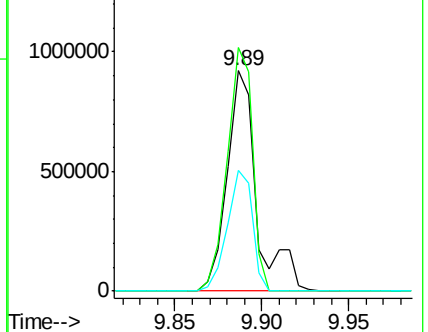
152 54.9 44.2 66.2

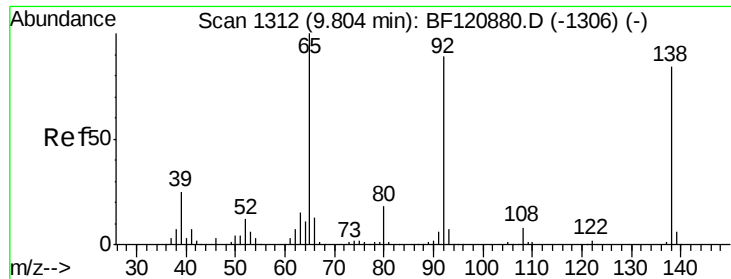


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





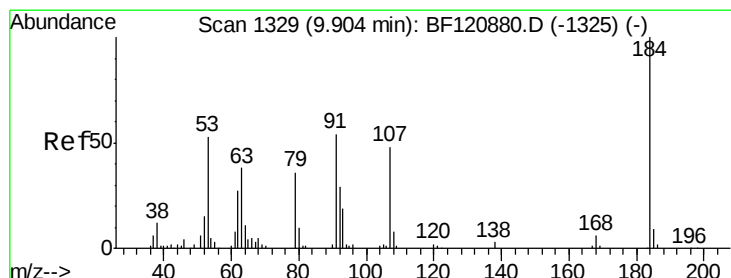
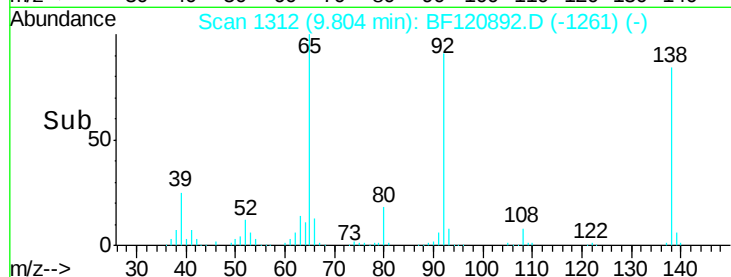
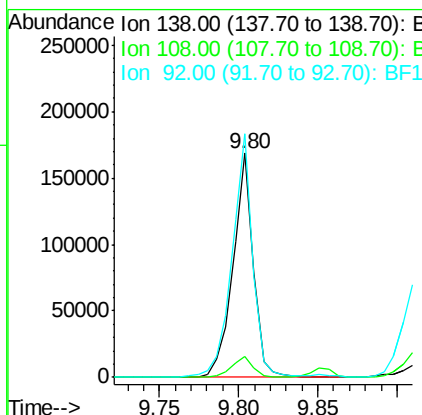
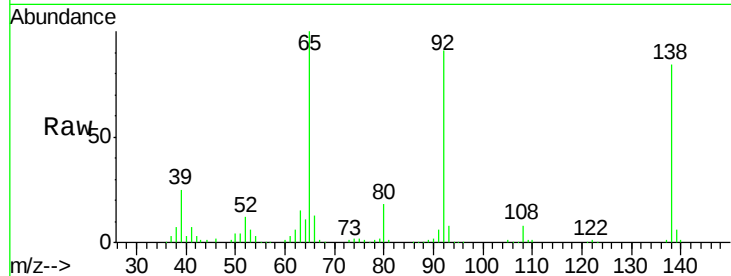
#53  
3-Nitroaniline  
Concen: 22.169 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. -0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.4   | 7.9   | 11.9  |
| 92      | 108.6 | 85.3  | 127.9 |

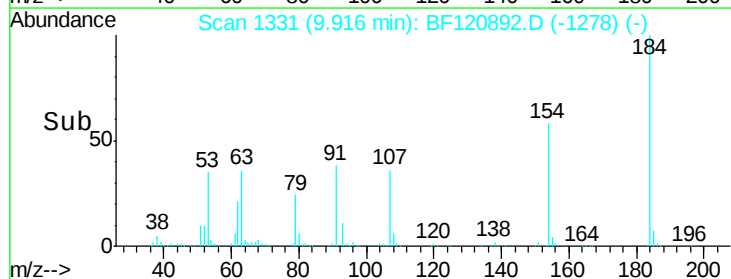
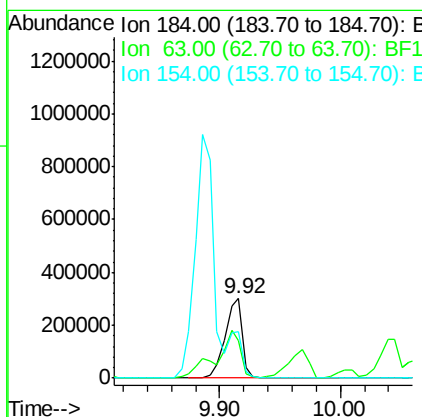
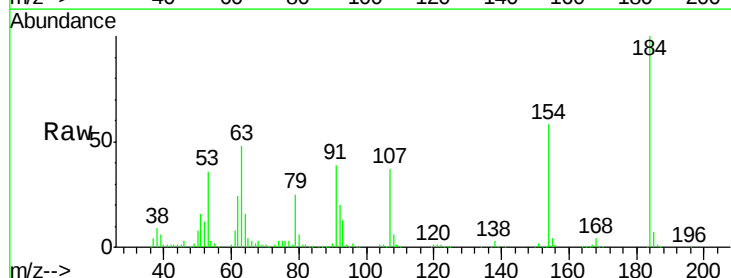
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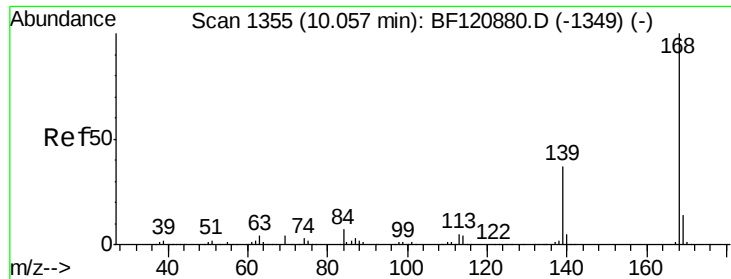
mohammad  
7/17/2020 12:30:14 PM



#54  
2,4-Dinitrophenol  
Concen: 94.074 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 48.1  | 57.9  | 86.9# |
| 154     | 58.0  | 52.6  | 78.8  |





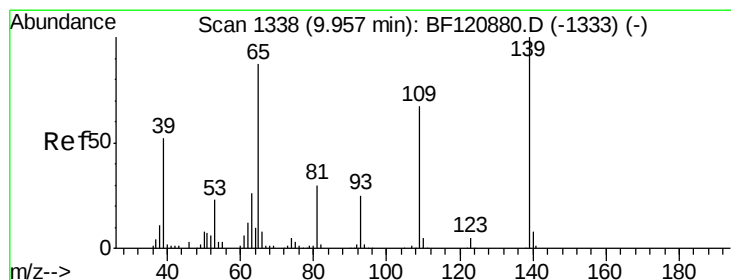
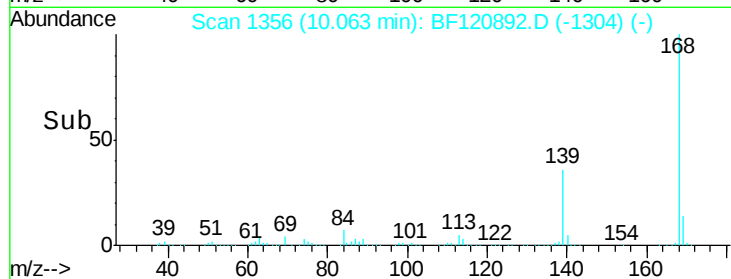
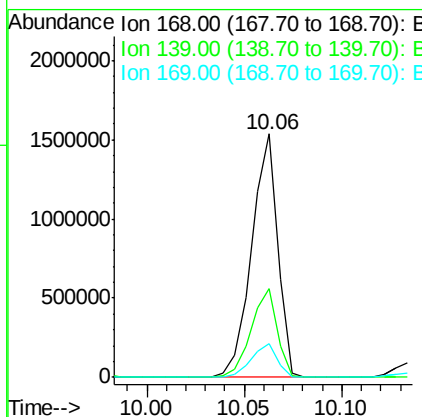
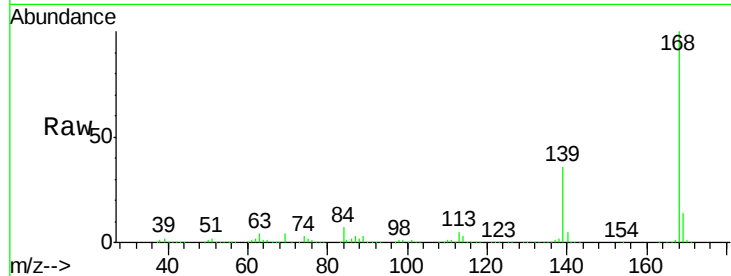
#55  
Dibenzenofuran  
Concen: 45.925 ng  
RT: 10.06 min Scan# 1356  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.5  | 29.7  | 44.5  |
| 169     | 13.7  | 11.1  | 16.7  |

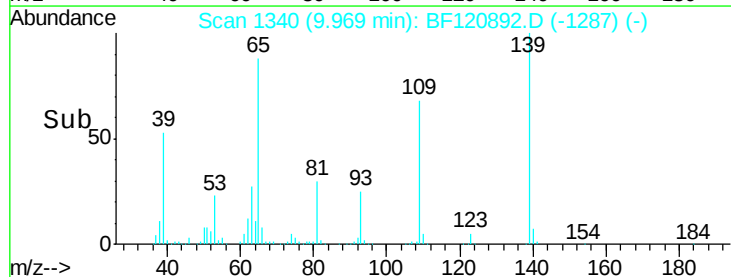
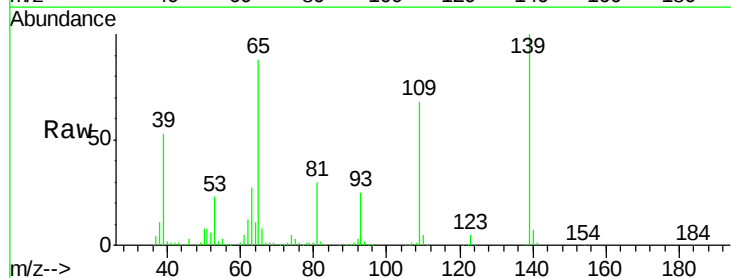
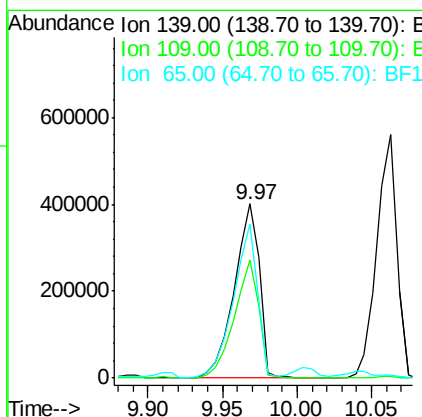
Manual Integrations  
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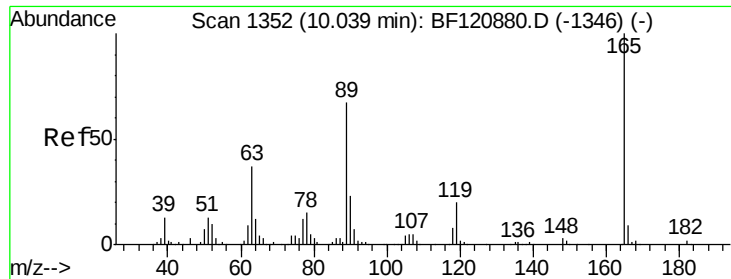
mohammad  
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#56  
4-Nitrophenol  
Concen: 91.599 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 67.8  | 47.3  | 87.3  |
| 65      | 88.2  | 67.2  | 107.2 |





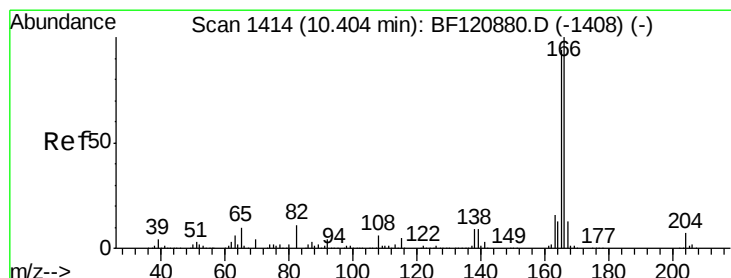
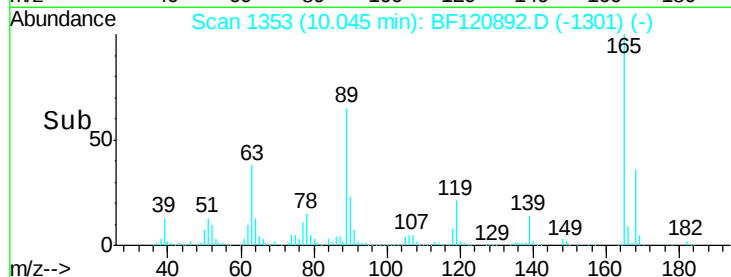
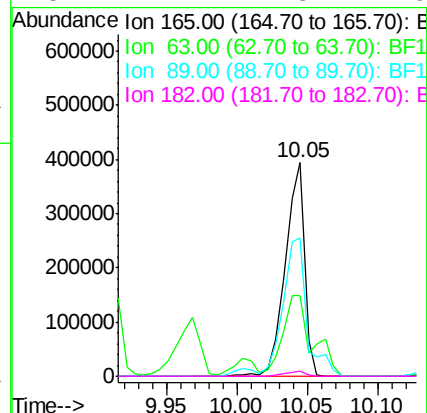
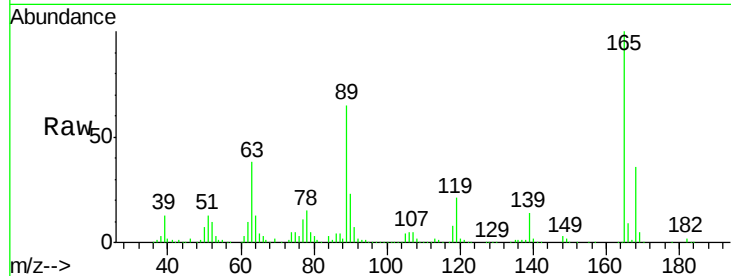
#57  
2,4-Dinitrotoluene  
Concen: 52.812 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 375128 |       |       |
| 63      | 37.8 | 29.4  | 44.2   |       |       |
| 89      | 64.6 | 53.4  | 80.0   |       |       |
| 182     | 2.4  | 1.8   | 2.6    |       |       |

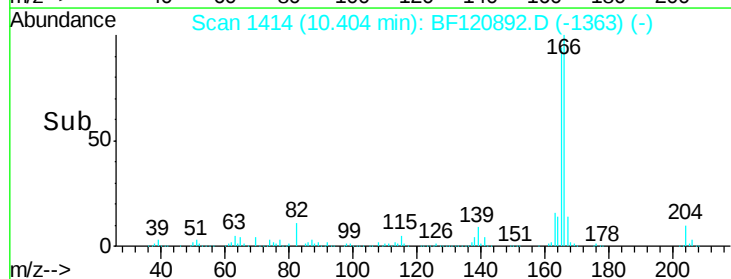
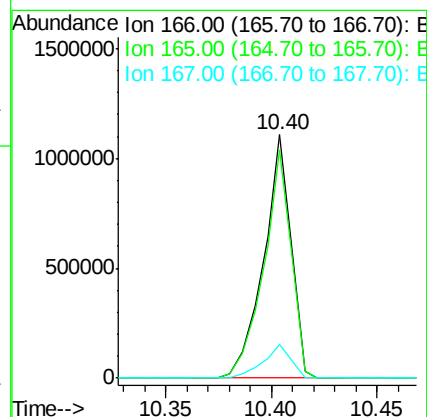
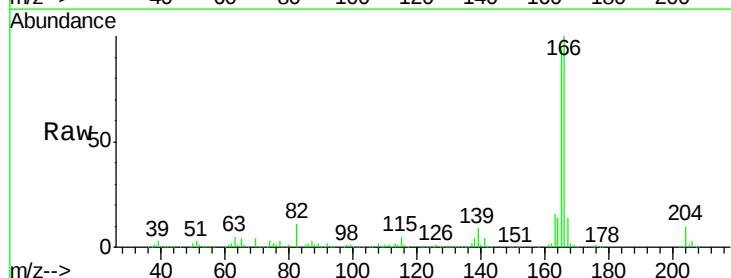
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#58  
Fluorene  
Concen: 43.183 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 998359 |       |       |
| 165     | 93.6 | 75.4  | 113.0  |       |       |
| 167     | 13.6 | 10.6  | 15.8   |       |       |





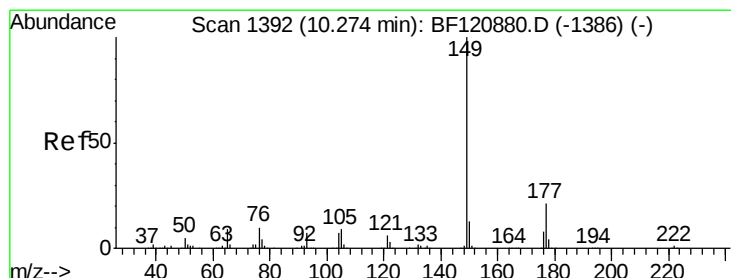
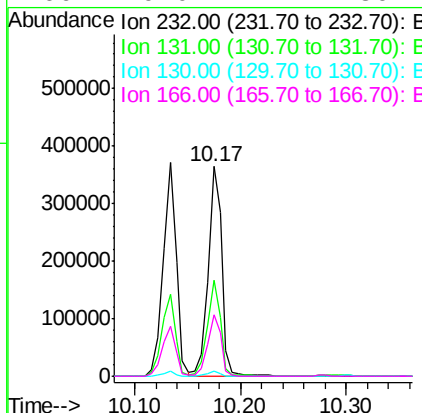
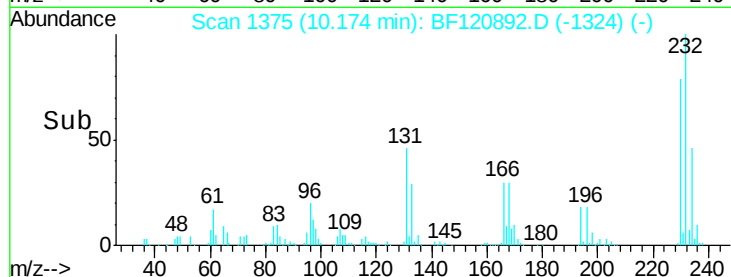
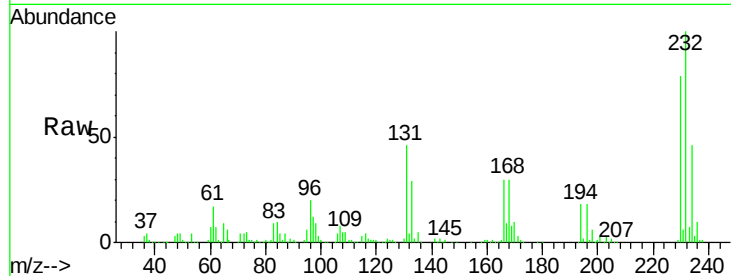
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.792 ng  
RT: 10.17 min Scan# 1375  
Delta R.T. -0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.7  | 37.1  | 55.7  |
| 130     | 2.2   | 1.7   | 2.5   |
| 166     | 29.0  | 24.2  | 36.4  |

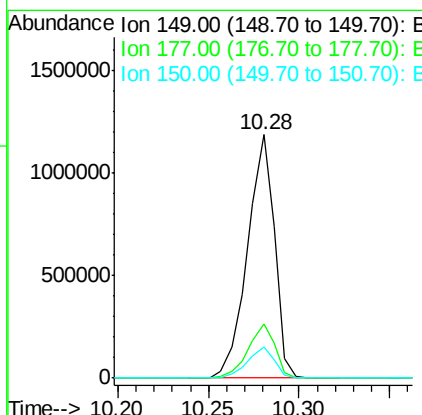
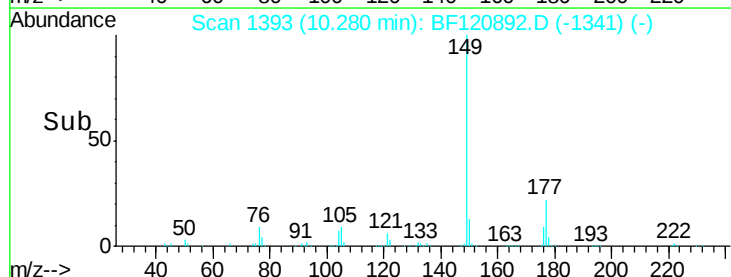
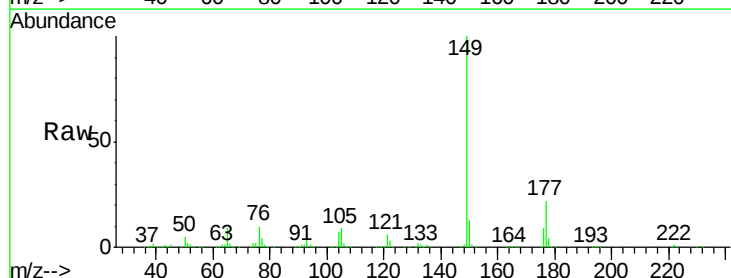
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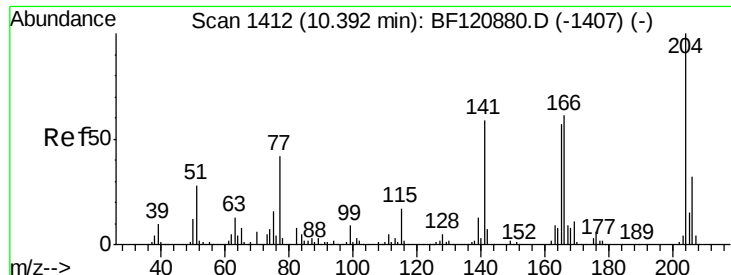
mohammad  
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#60  
Diethylphthalate  
Concen: 48.231 ng  
RT: 10.28 min Scan# 1393  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.2  | 17.1  | 25.7  |
| 150     | 12.9  | 10.3  | 15.5  |





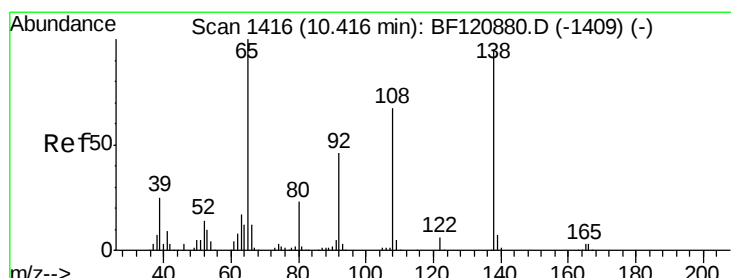
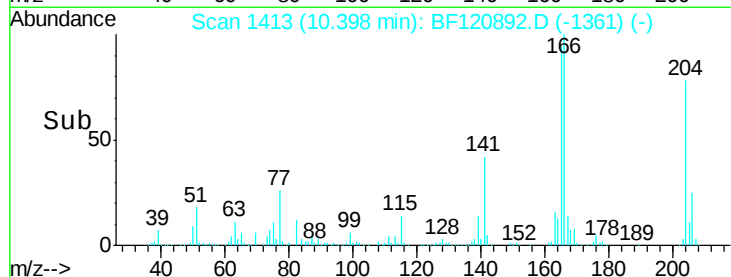
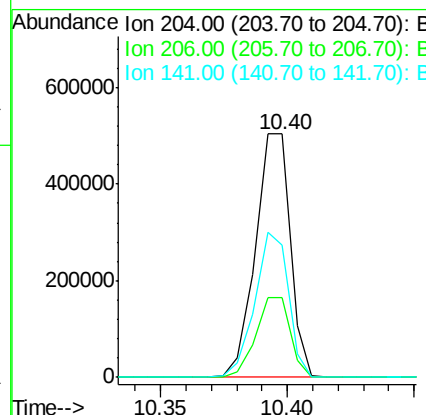
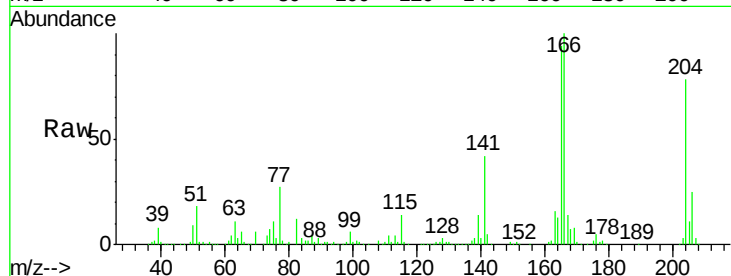
#61  
4-Chlorophenyl-phenylether  
Concen: 39.365 ng  
RT: 10.40 min Scan# 1413  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.5  | 25.9  | 38.9  |
| 141     | 54.1  | 47.2  | 70.8  |

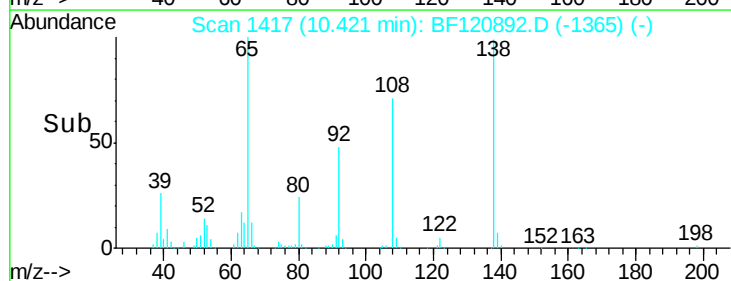
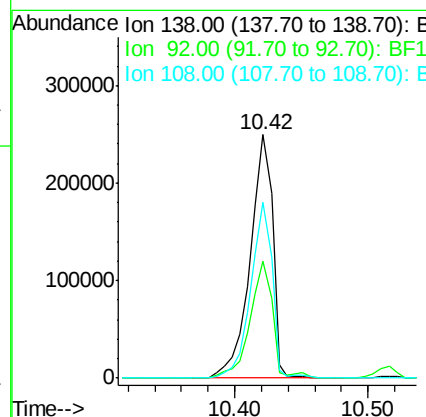
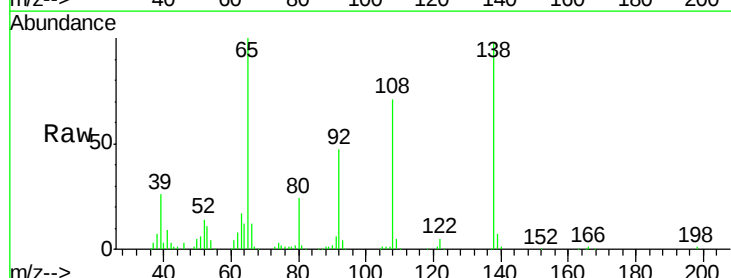
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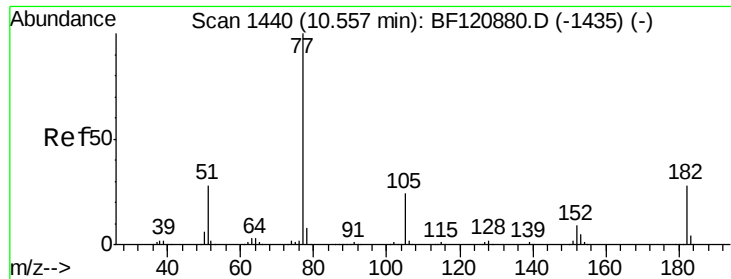
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#62  
4-Nitroaniline  
Concen: 43.611 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.2  | 28.6  | 68.6  |
| 108     | 72.1  | 51.1  | 91.1  |





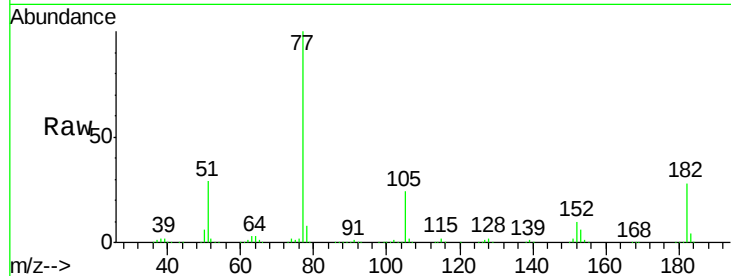
#63  
Azobenzene  
Concen: 46.881 ng  
RT: 10.56 min Scan# 1440  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

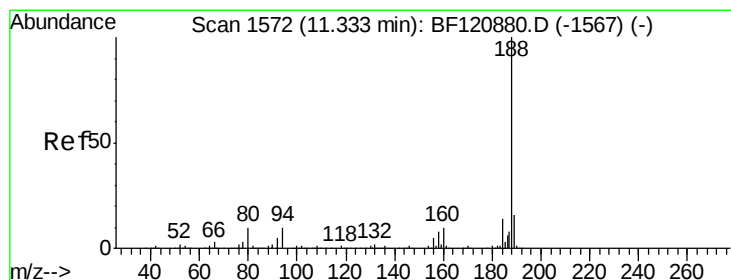
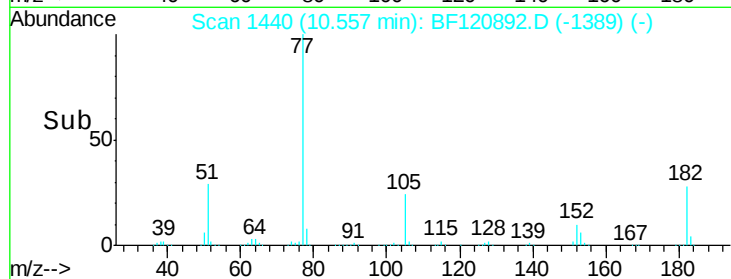
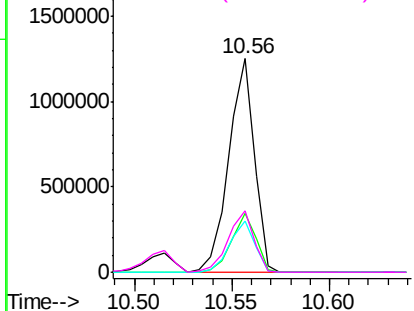
| Tot Ion | 77    | Resp  | 1136543 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 77      | 100   |       |         |
| 182     | 27.6  | 7.8   | 47.8    |
| 105     | 24.0  | 4.4   | 44.4    |
| 51      | 28.8  | 8.0   | 48.0    |

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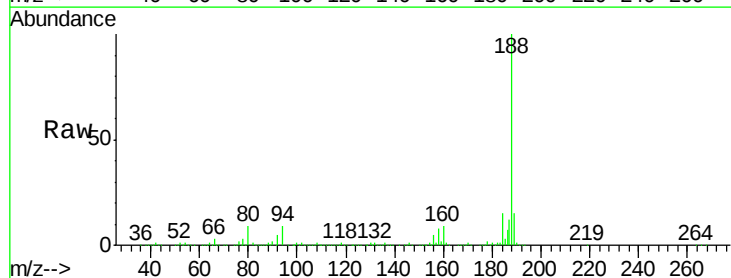


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

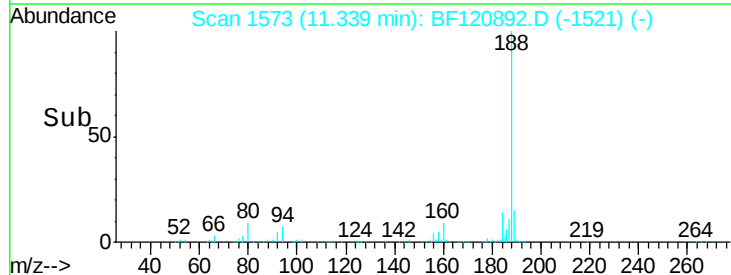
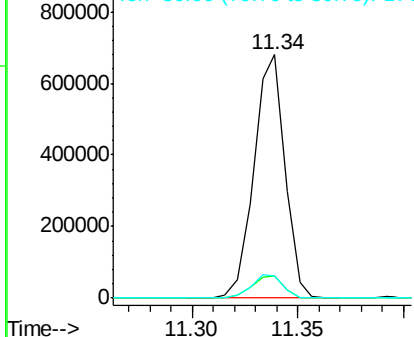


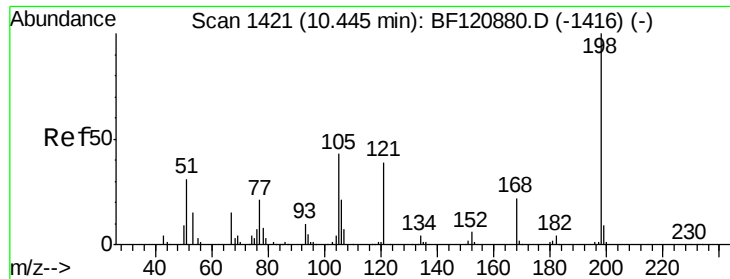
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.34 min Scan# 1573  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | 188   | Resp  | 691870 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 188     | 100   |       |        |
| 94      | 9.1   | 8.0   | 12.0   |
| 80      | 9.3   | 8.3   | 12.5   |



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: 50.246 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA\_F

ClientSampleId :

SU-03-071420MS

Tot Ion:198 Resp: 201983

Ion Ratio Lower Upper

198 100

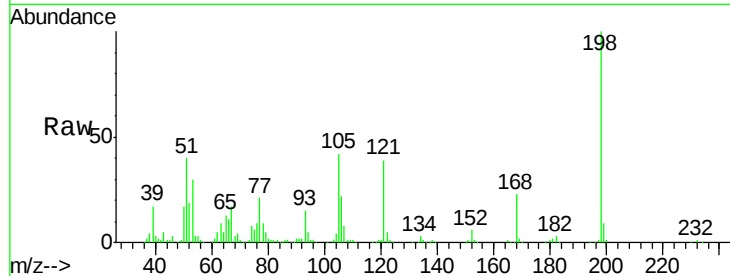
51 39.6 19.5 59.5

105 42.3 24.4 64.4

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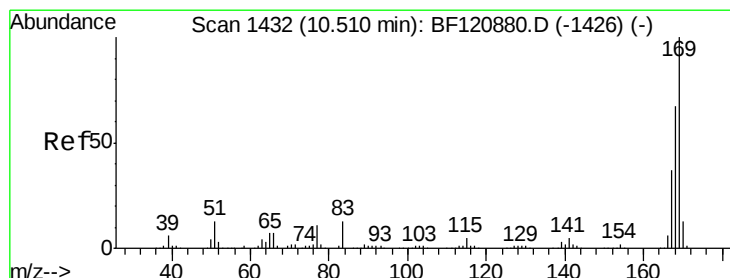
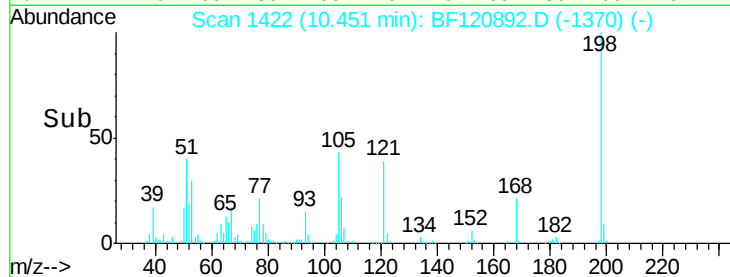
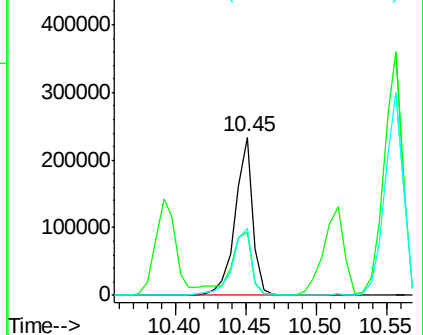
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.115 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

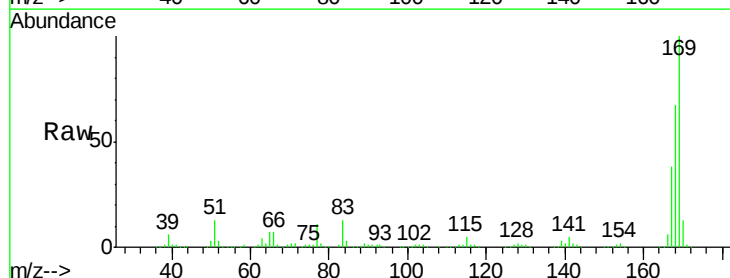
Tgt Ion:169 Resp: 1025444

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

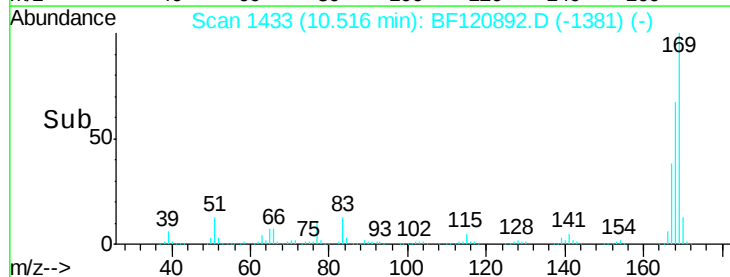
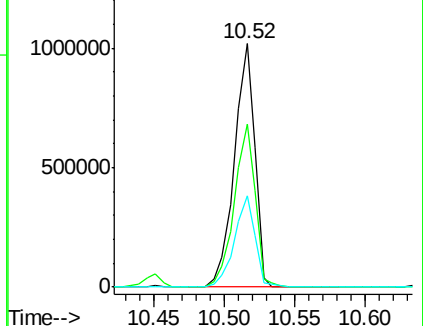
167 37.7 29.4 44.0

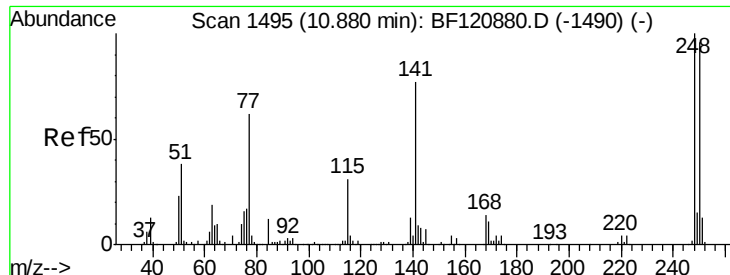


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





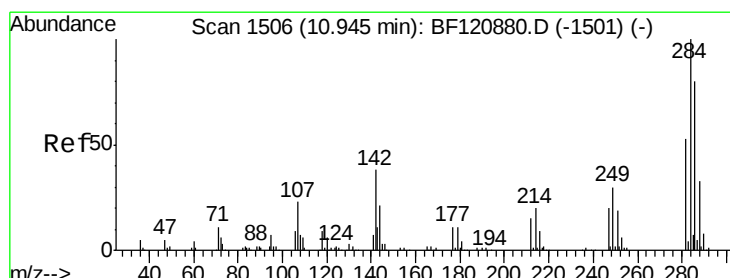
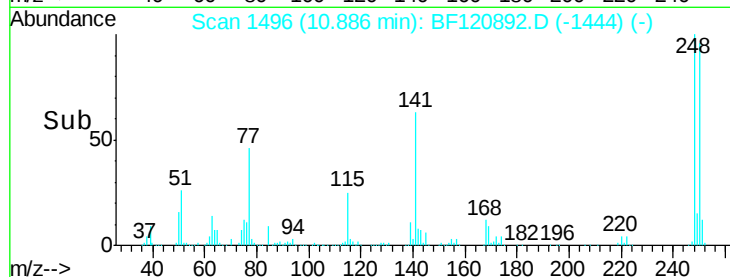
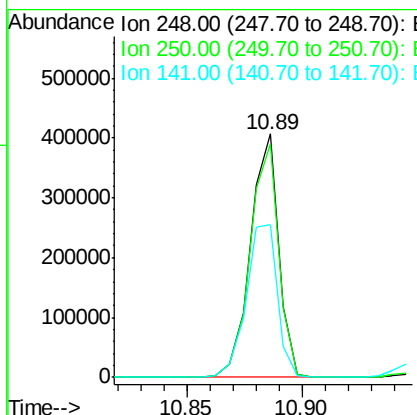
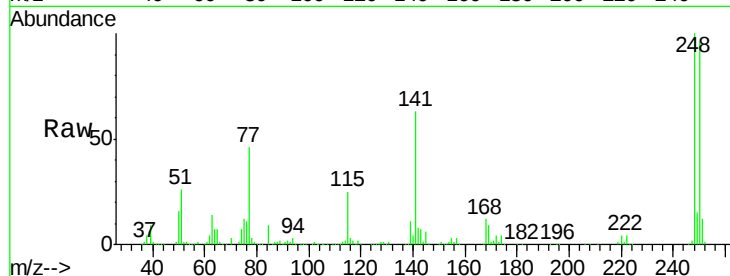
#67  
 4-Bromophenyl-phenylether  
 Concen: 44.997 ng  
 RT: 10.89 min Scan# 1496  
 Delta R.T. 0.01 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.8  | 77.1  | 115.7 |
| 141     | 62.7  | 61.2  | 91.8  |

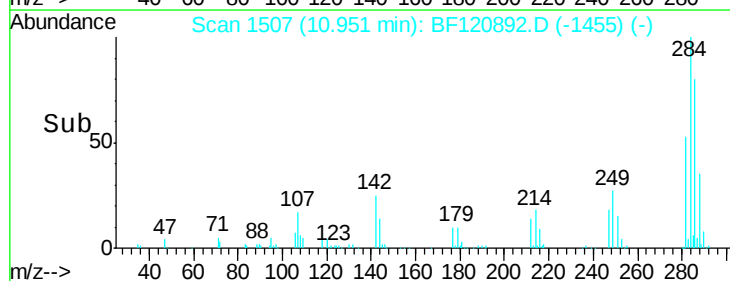
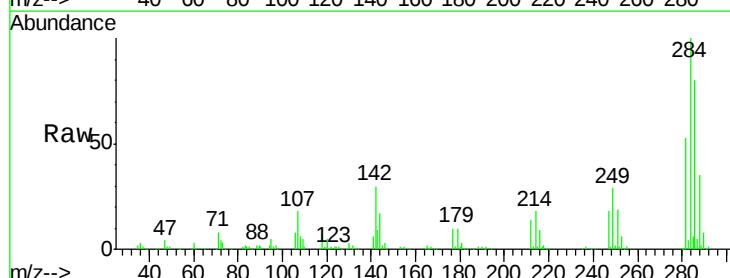
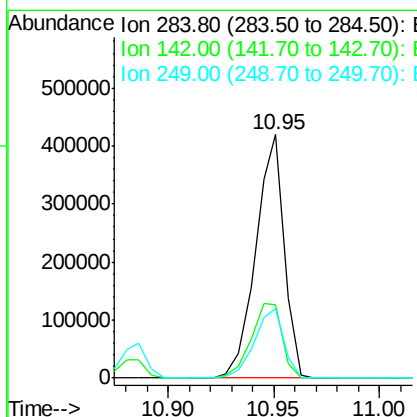
Manual Integrations  
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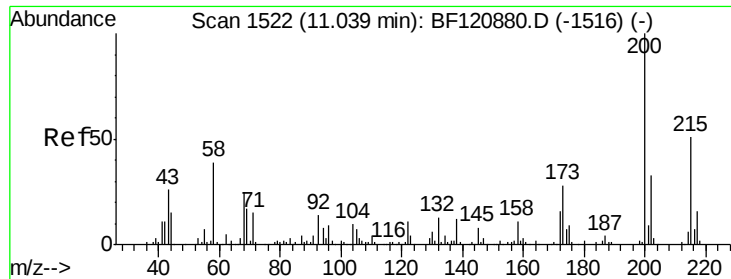
mohammad  
 7/17/2020 12:30:14 PM



#68  
 Hexachlorobenzene  
 Concen: 47.117 ng  
 RT: 10.95 min Scan# 1507  
 Delta R.T. 0.01 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.4  | 30.2  | 45.2  |
| 249     | 28.7  | 24.2  | 36.2  |





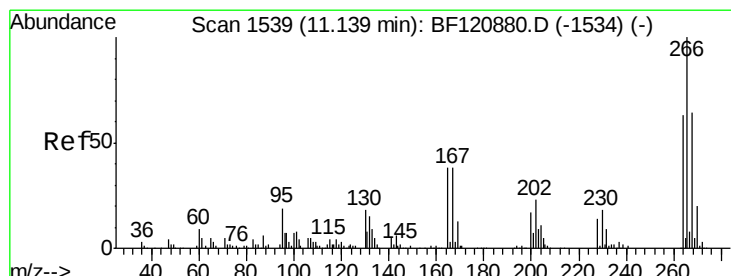
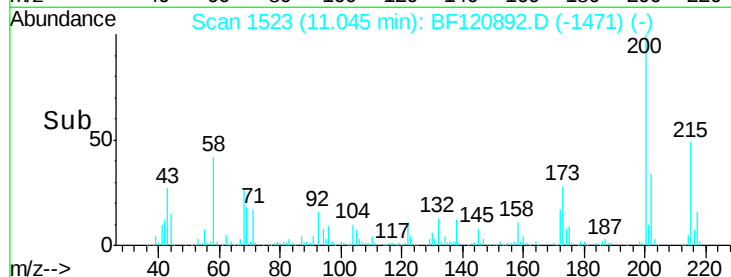
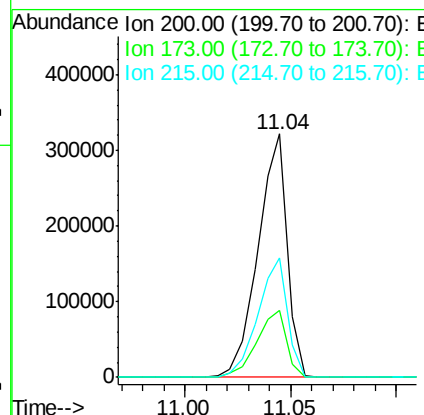
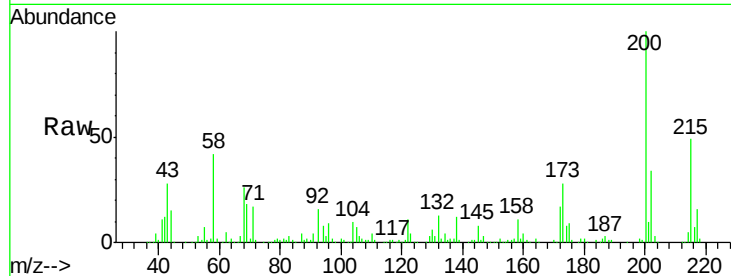
#69  
Atrazine  
Concen: 57.299 ng  
RT: 11.04 min Scan# 1523  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 27.6  | 8.0        | 48.0  |
| 215     | 48.9  | 31.5       | 71.5  |

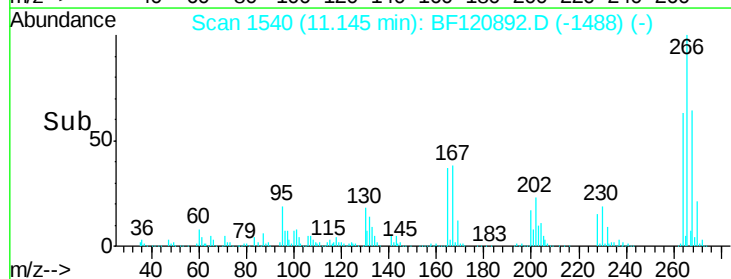
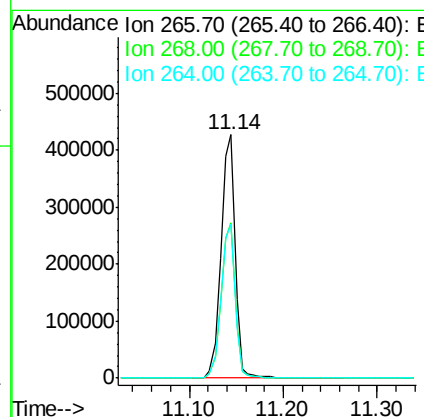
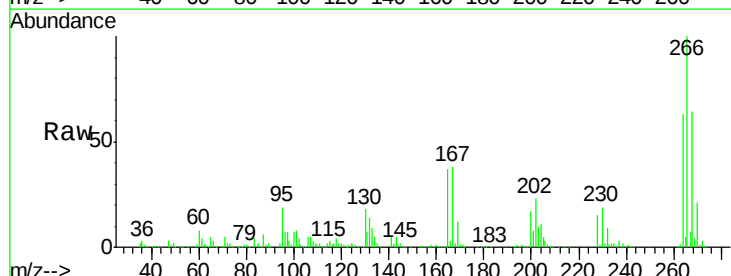
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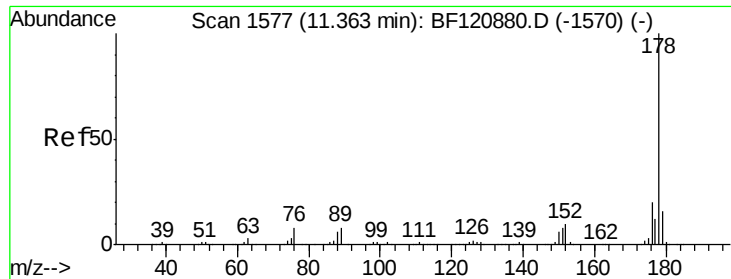
mohammad  
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#70  
Pentachlorophenol  
Concen: 95.112 ng  
RT: 11.14 min Scan# 1540  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 64.0  | 51.1       | 76.7  |
| 264     | 63.3  | 50.2       | 75.2  |





#71

Phenanthrene

Concen: 45.263 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA\_F

ClientSampleId :

SU-03-071420MS

Tot Ion:178 Resp: 1610600

Ion Ratio Lower Upper

178 100

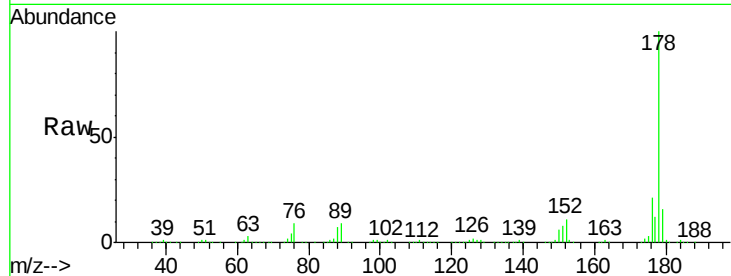
176 20.8 16.2 24.4

179 16.1 12.8 19.2

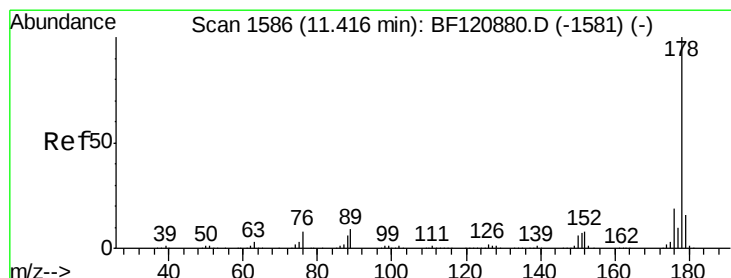
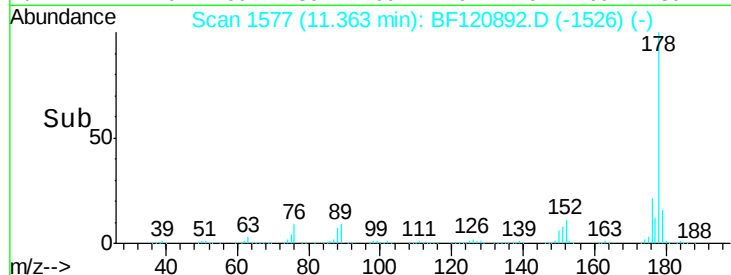
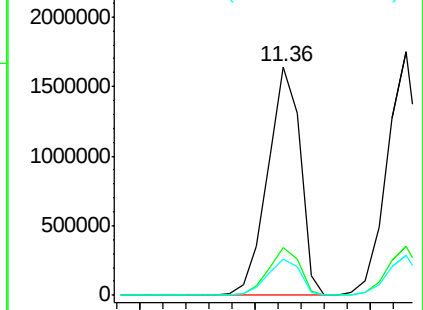
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Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.380 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Tgt Ion:178 Resp: 1657178

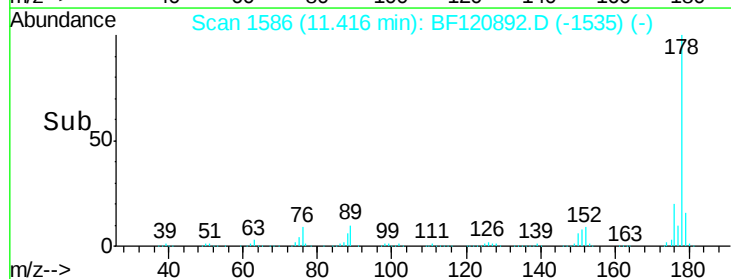
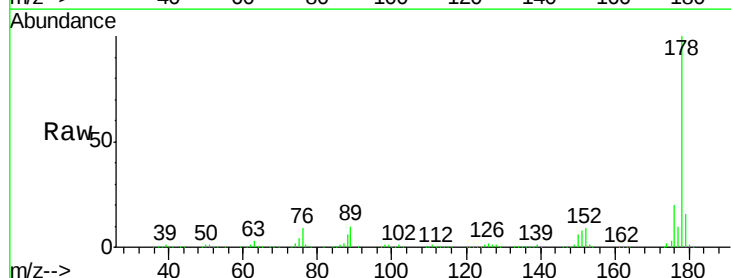
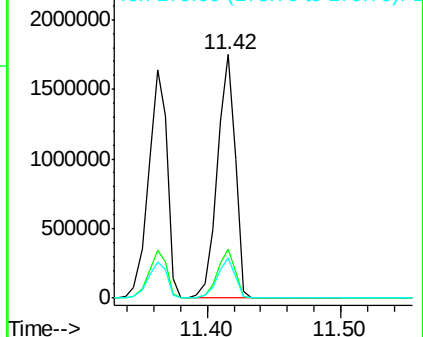
Ion Ratio Lower Upper

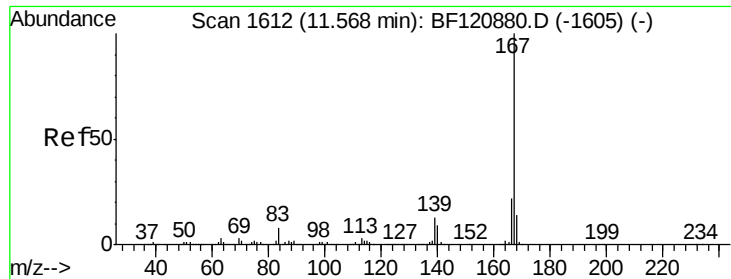
178 100

176 20.1 15.5 23.3

179 16.2 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E





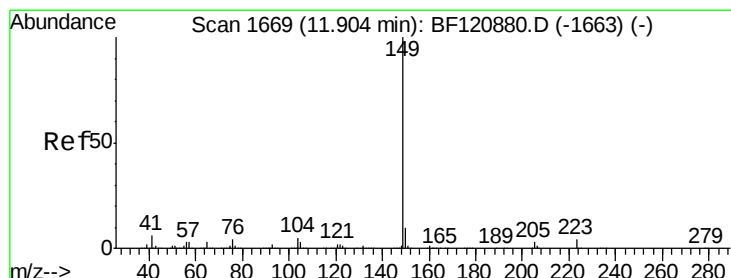
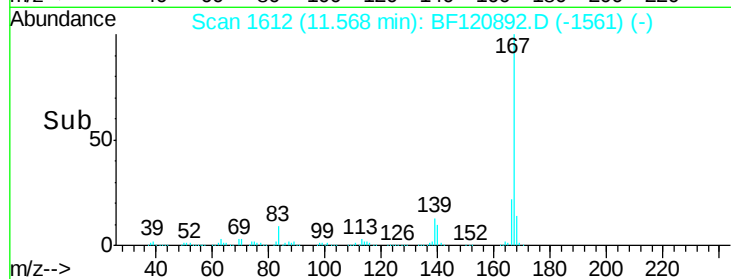
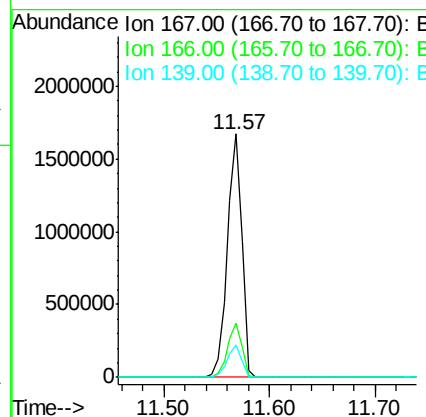
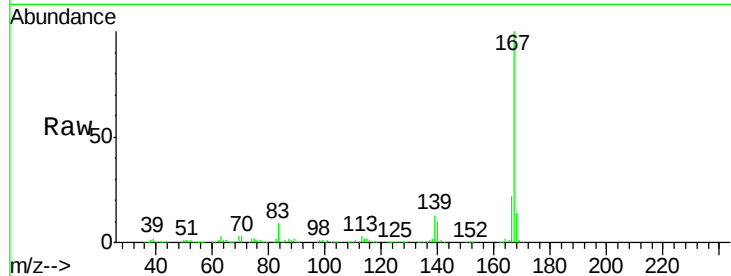
#73  
 Carbazole  
 Concen: 45.222 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-071420MS

Tot Ion:167 Resp: 1603529  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 17.7 26.5  
 139 13.2 10.1 15.1

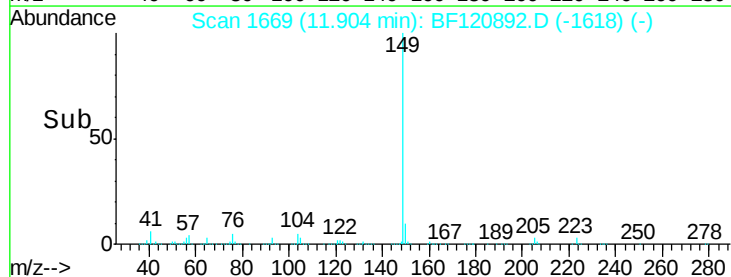
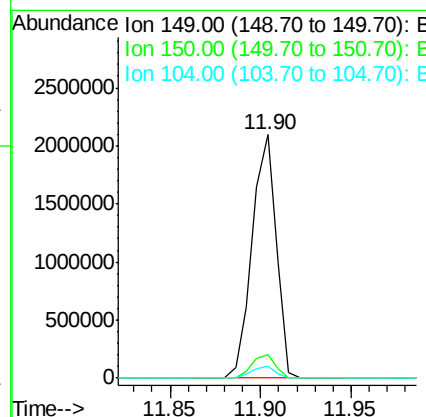
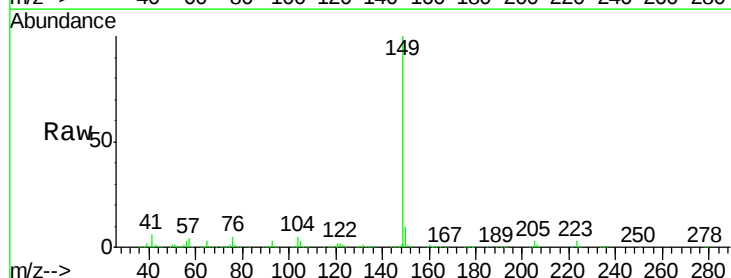
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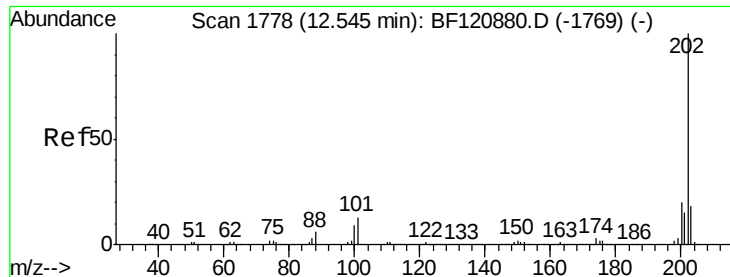
mohammad  
 7/17/2020 12:30:14 PM



#74  
 Di-n-butylphthalate  
 Concen: 47.336 ng  
 RT: 11.90 min Scan# 1669  
 Delta R.T. 0.00 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

Tgt Ion:149 Resp: 1936996  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.8 11.6  
 104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 46.146 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA\_F

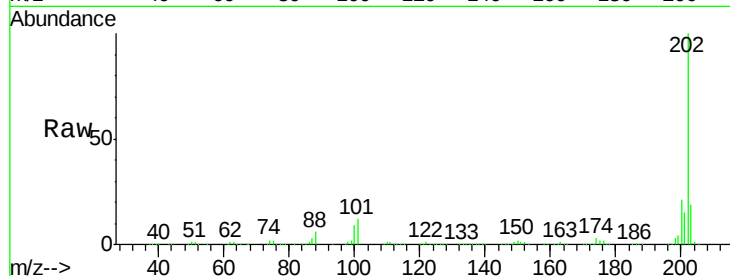
ClientSampleId :

SU-03-071420MS

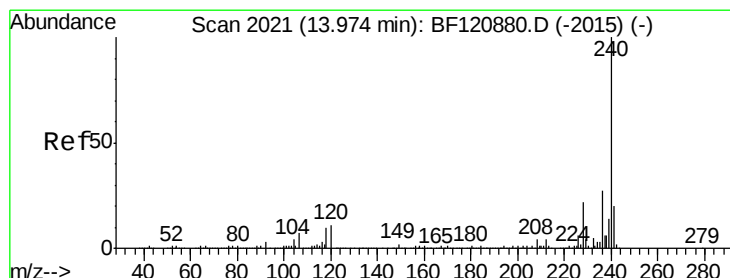
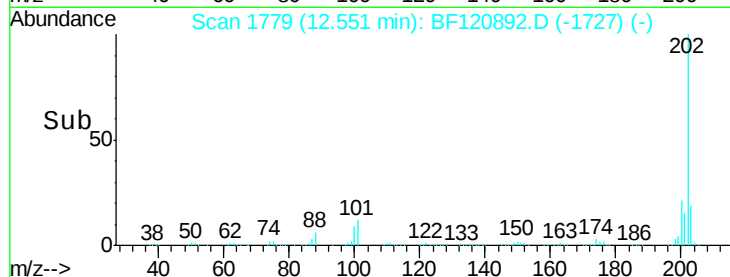
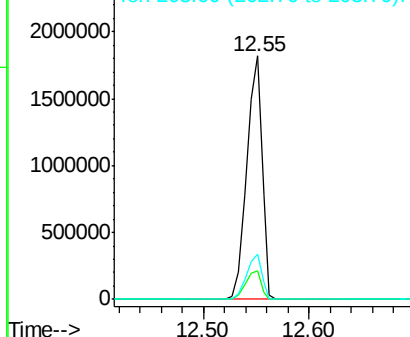
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1820035 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 11.6  | 0.0   | 32.7    |
| 203       | 18.6  | 0.0   | 38.0    |

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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

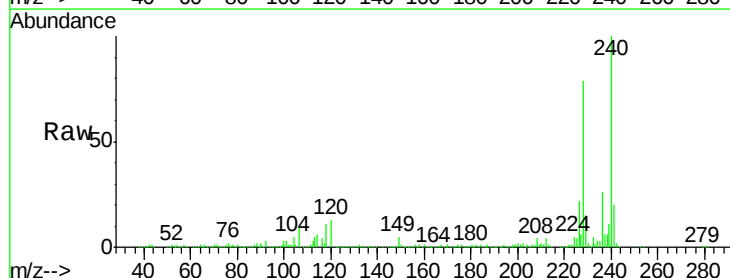
RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

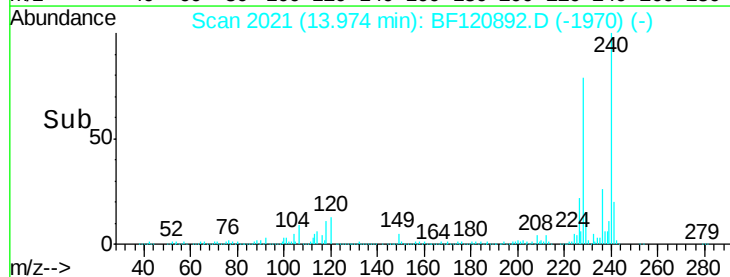
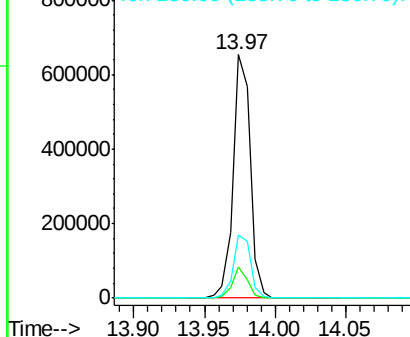
Lab File: BF120892.D

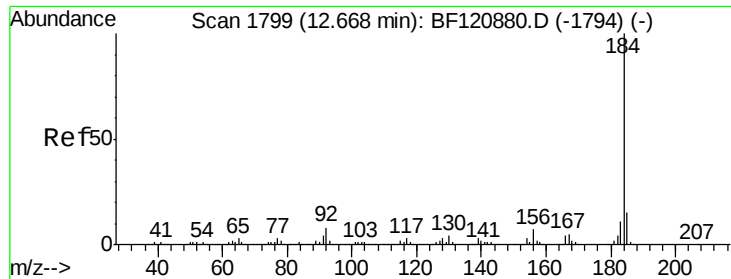
Acq: 16 Jul 2020 18:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 551611 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 13.1  | 9.0   | 13.4   |
| 236       | 25.9  | 21.7  | 32.5   |



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: 10.608 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA\_F

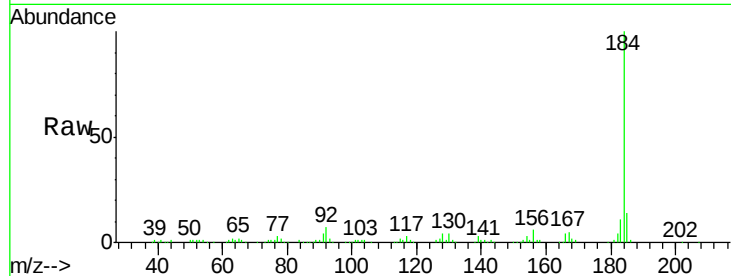
ClientSampleId :

SU-03-071420MS

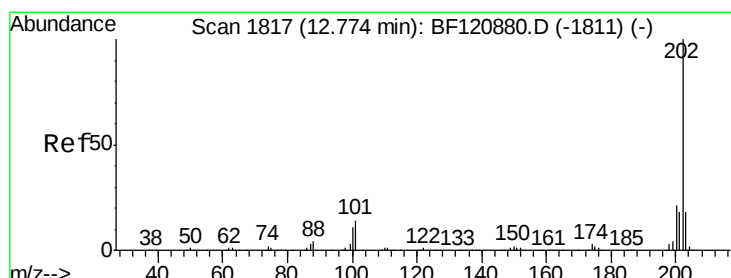
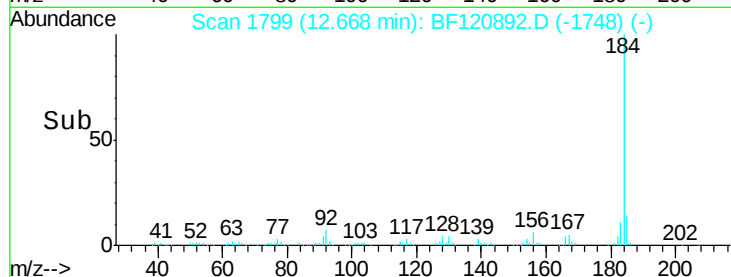
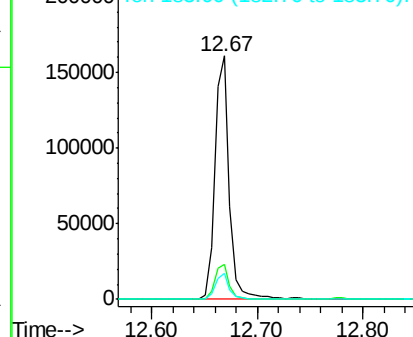
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 153846 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.5  | 12.2  | 18.2   |
| 183       | 10.6  | 8.5   | 12.7   |

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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.126 ng

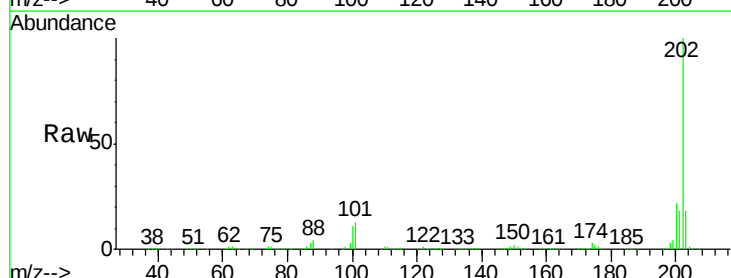
RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

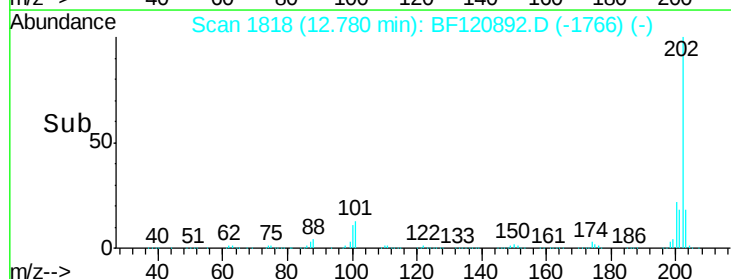
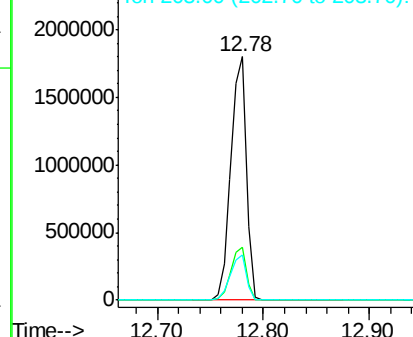
Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1837857 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.7  | 17.0  | 25.4    |
| 203       | 18.4  | 14.4  | 21.6    |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





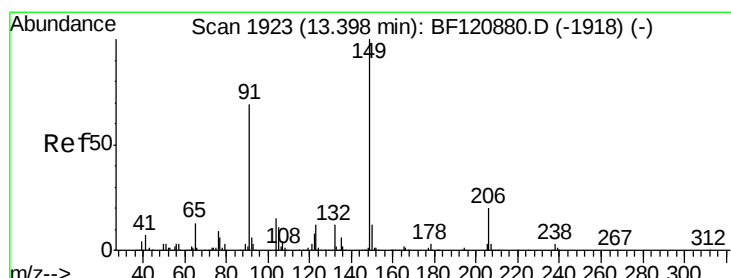
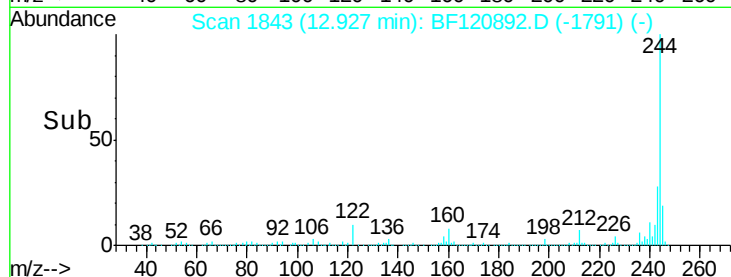
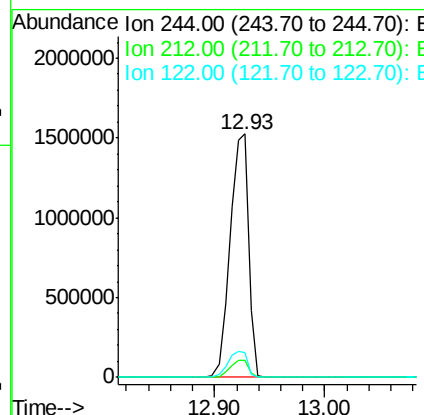
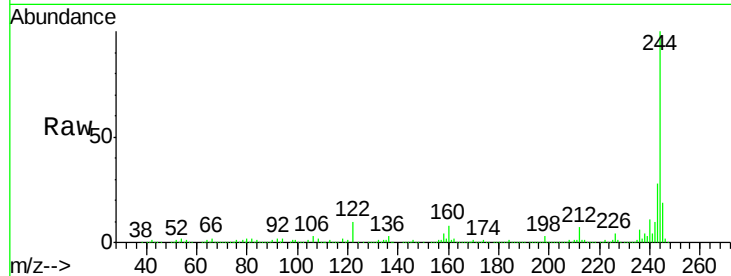
#79  
 Terphenyl-d14  
 Concen: 70.559 ng  
 RT: 12.93 min Scan# 1843  
 Delta R.T. 0.01 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-071420MS

Tot Ion:244 Resp: 1790485  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.6 8.4  
 122 10.4 8.9 13.3

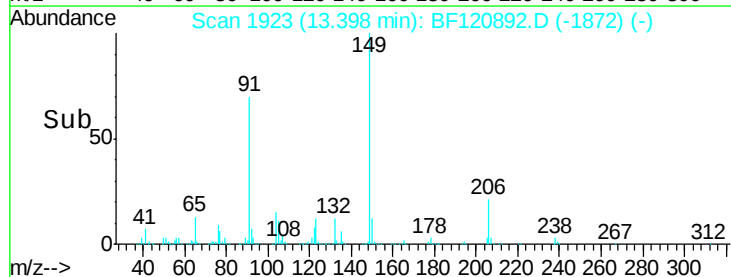
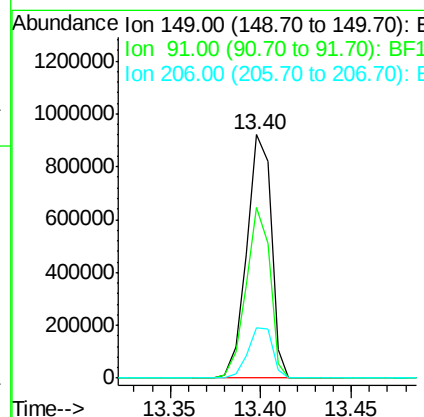
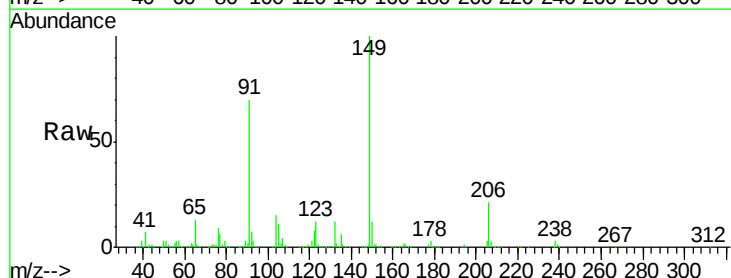
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#80  
 Butylbenzylphthalate  
 Concen: 49.871 ng  
 RT: 13.40 min Scan# 1923  
 Delta R.T. -0.00 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

Tgt Ion:149 Resp: 867020  
 Ion Ratio Lower Upper  
 149 100  
 91 70.2 55.1 82.7  
 206 20.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 43.213 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA\_F

ClientSampleId :

SU-03-071420MS

Tot Ion:228 Resp: 1443450

Ion Ratio Lower Upper

228 100

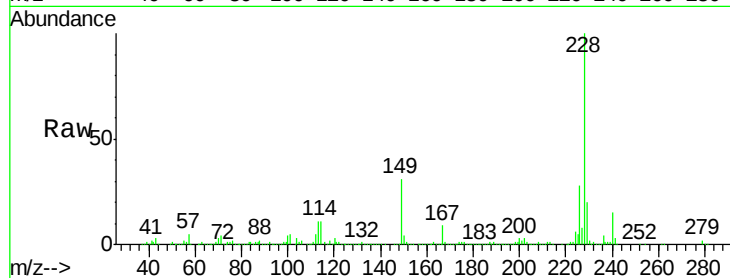
226 28.4 22.3 33.5

229 19.9 16.1 24.1

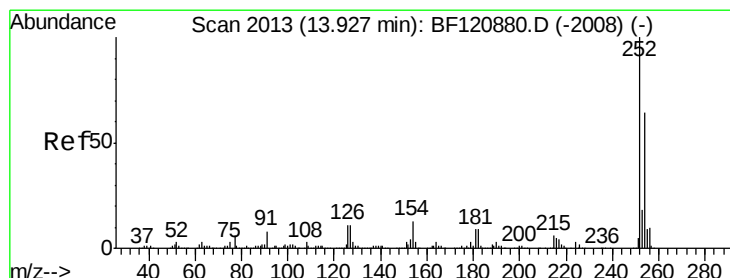
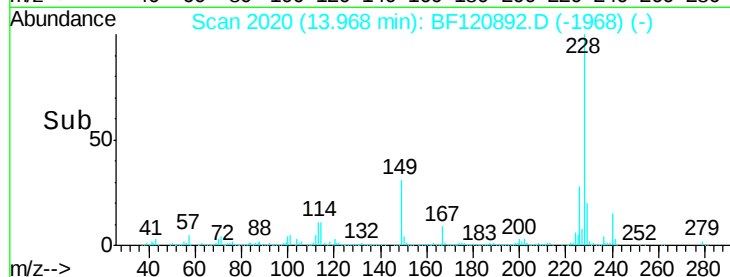
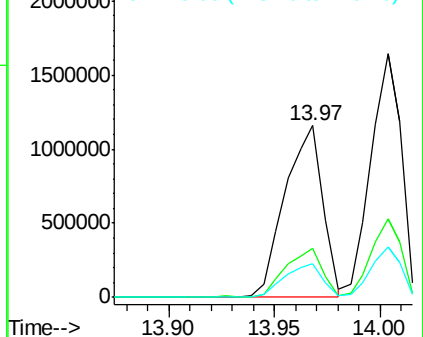
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Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.845 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

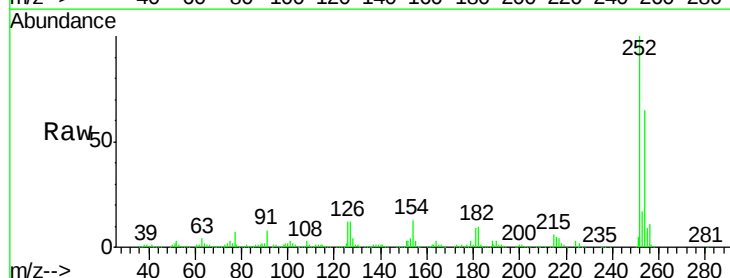
Tgt Ion:252 Resp: 401312

Ion Ratio Lower Upper

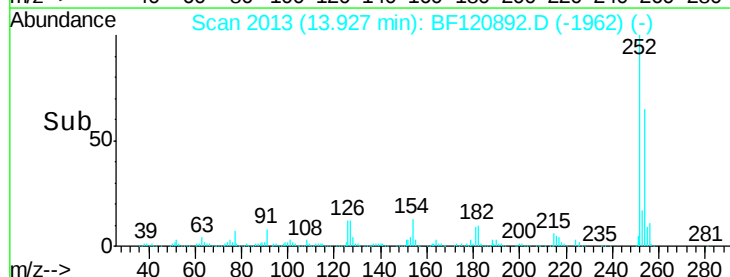
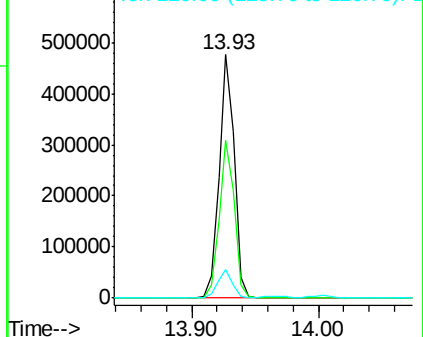
252 100

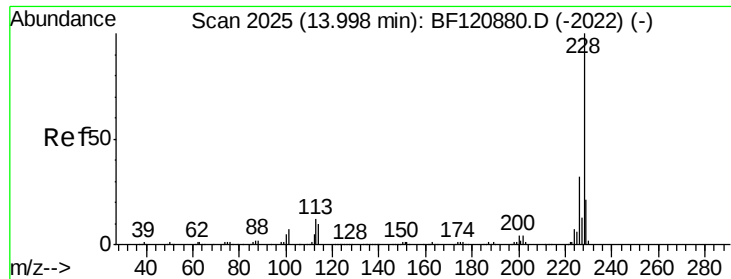
254 64.7 51.2 76.8

126 11.6 8.7 13.1



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





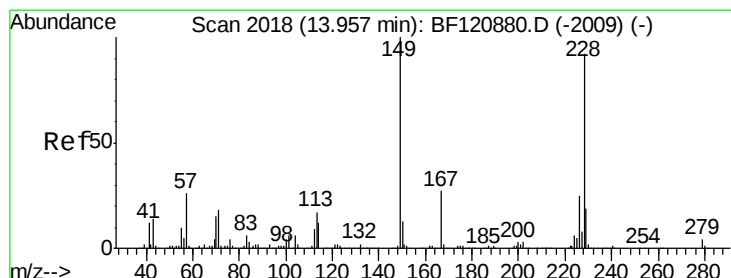
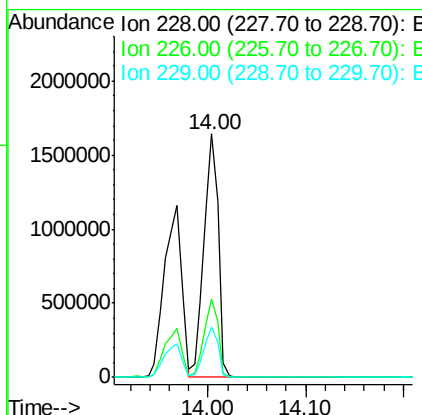
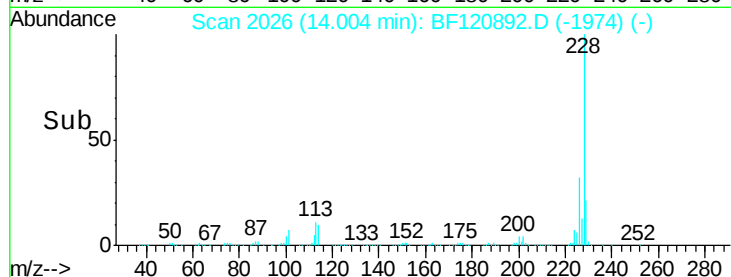
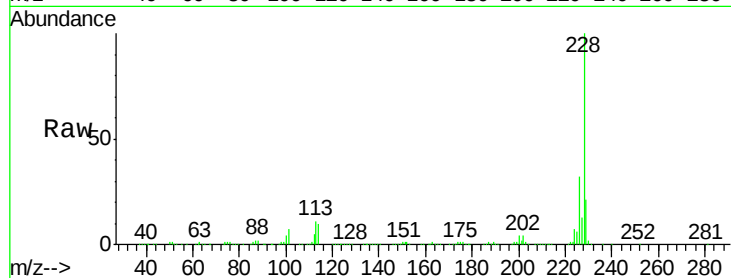
#83  
 Chrysene  
 Concen: 47.446 ng  
 RT: 14.00 min Scan# 2026  
 Delta R.T. 0.01 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-071420MS

Tot Ion:228 Resp: 1665498  
 Ion Ratio Lower Upper  
 228 100  
 226 32.2 25.6 38.4  
 229 20.5 16.8 25.2

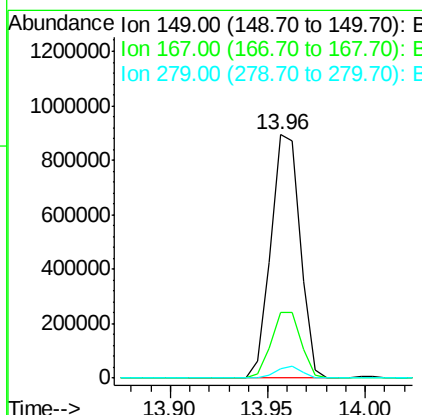
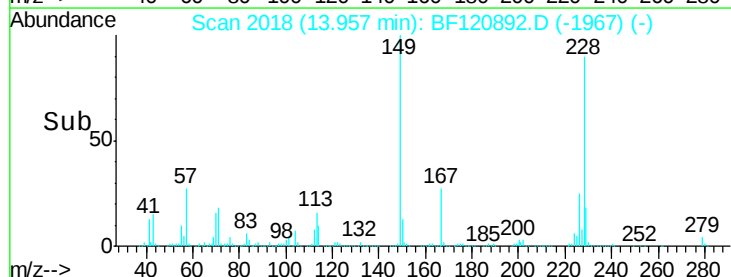
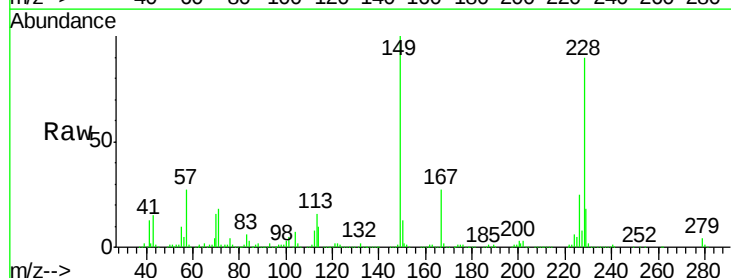
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.613 ng  
 RT: 13.96 min Scan# 2018  
 Delta R.T. 0.00 min  
 Lab File: BF120892.D  
 Acq: 16 Jul 2020 18:27

Tgt Ion:149 Resp: 934975  
 Ion Ratio Lower Upper  
 149 100  
 167 27.2 21.9 32.9  
 279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 47.883 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA\_F

ClientSampleId :

SU-03-071420MS

Tot Ion:149 Resp: 2042264

Ion Ratio Lower Upper

149 100

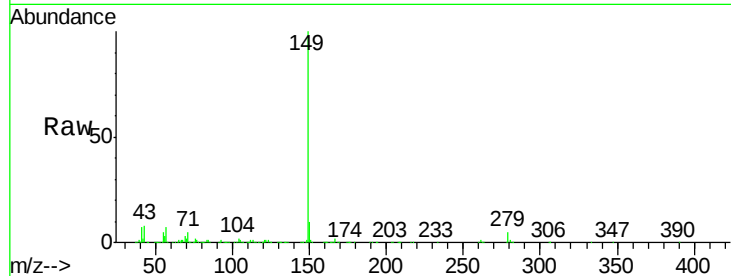
167 1.6 1.3 1.9

43 9.1 7.6 11.4

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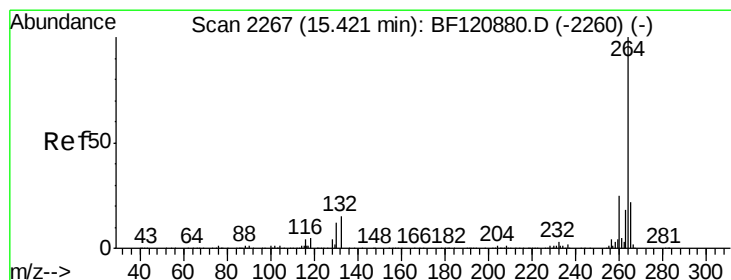
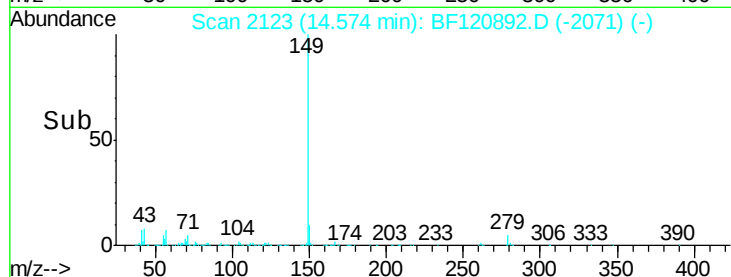
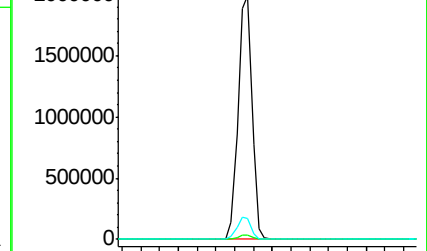
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

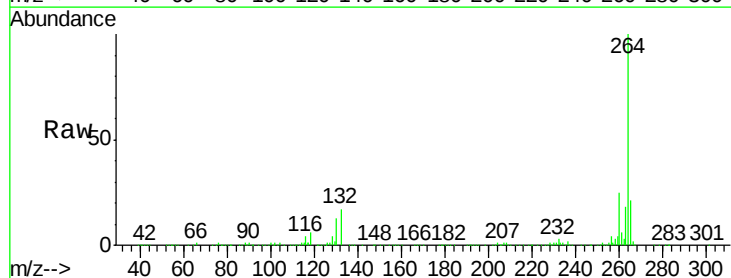
Tgt Ion:264 Resp: 567048

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

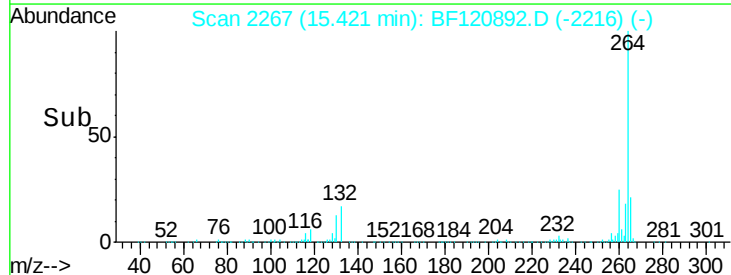
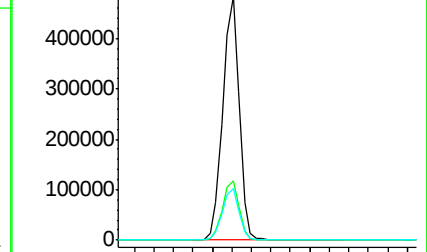
265 21.3 17.4 26.2

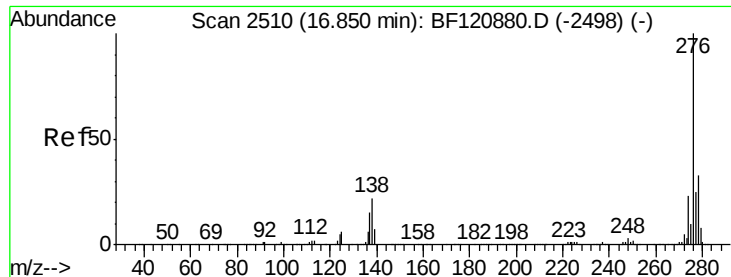


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





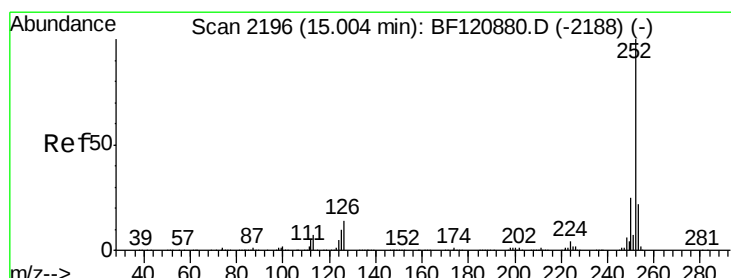
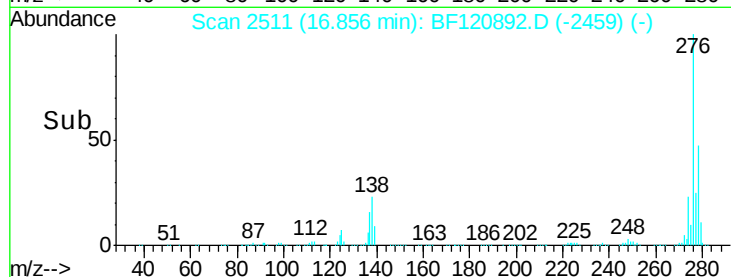
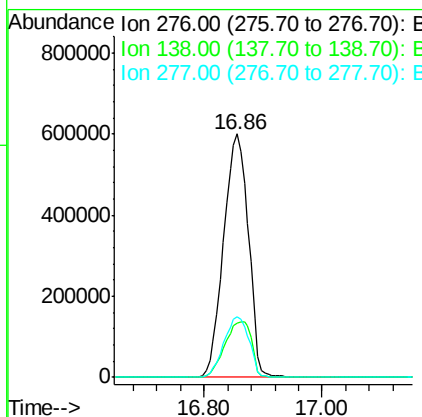
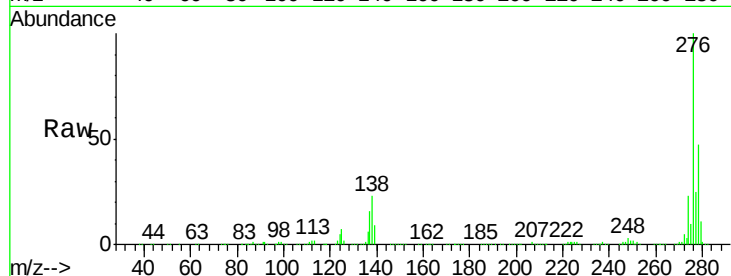
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.480 ng  
RT: 16.86 min Scan# 2511  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.8  | 19.8  | 29.8  |
| 277     | 25.4  | 20.2  | 30.2  |

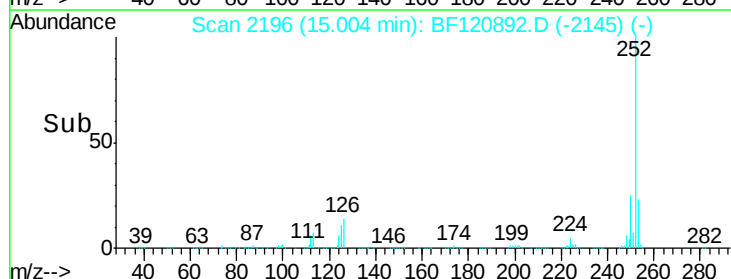
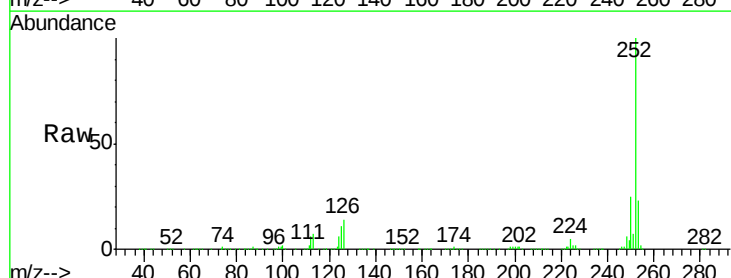
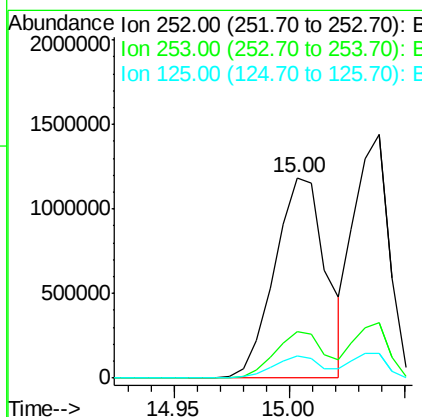
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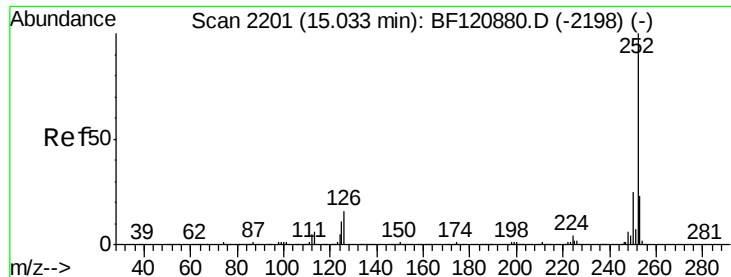
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#88  
Benzo(b)fluoranthene  
Concen: 53.398 ng  
RT: 15.00 min Scan# 2196  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 18.0  | 27.0  |
| 125     | 10.9  | 8.3   | 12.5  |





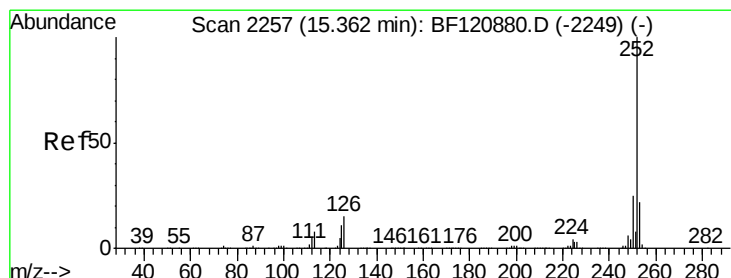
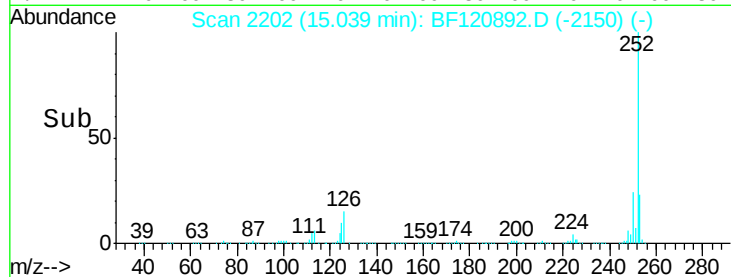
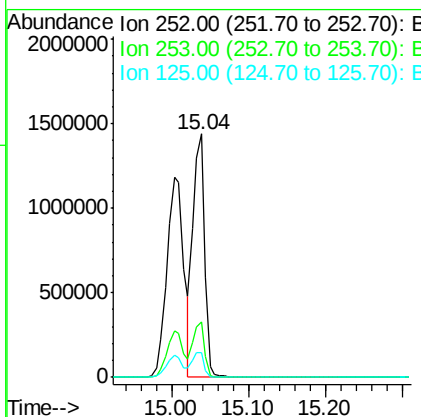
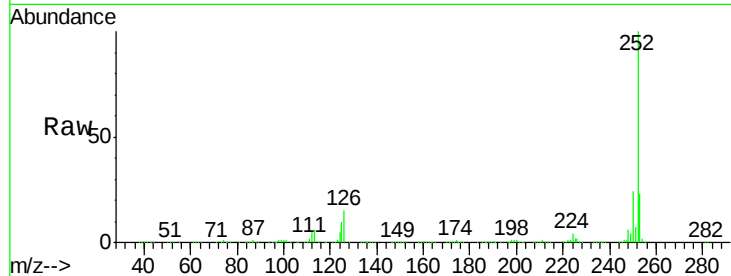
#89  
Benzo(k)fluoranthene  
Concen: 48.909 ng  
RT: 15.04 min Scan# 2202  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.2  | 27.2  |
| 125     | 10.0  | 8.4   | 12.6  |

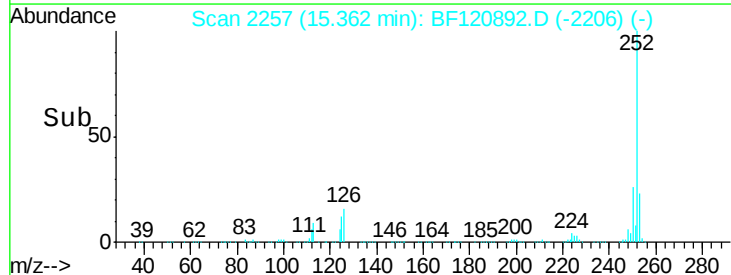
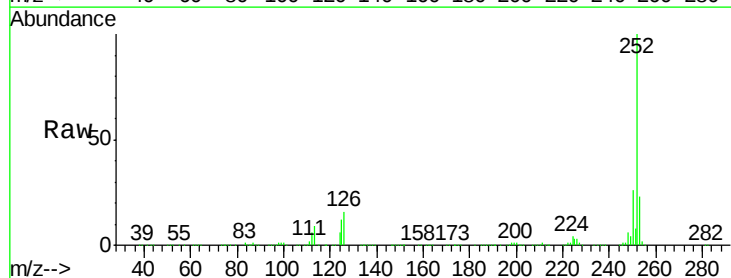
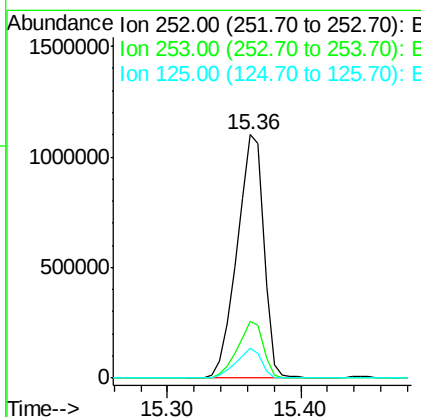
Manual Integrations  
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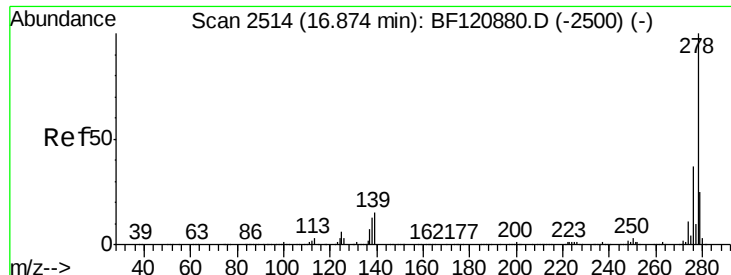
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#90  
Benzo(a)pyrene  
Concen: 48.901 ng  
RT: 15.36 min Scan# 2257  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.8  | 26.8  |
| 125     | 12.0  | 8.9   | 13.3  |





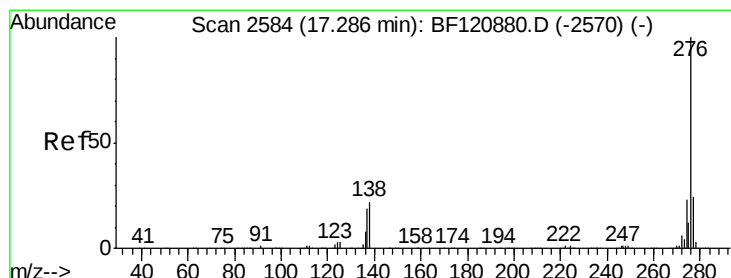
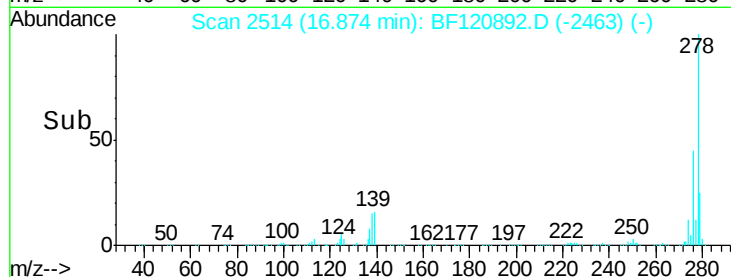
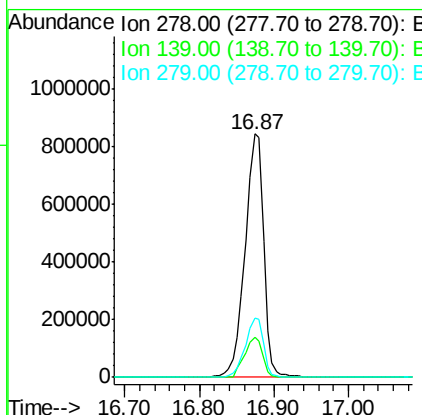
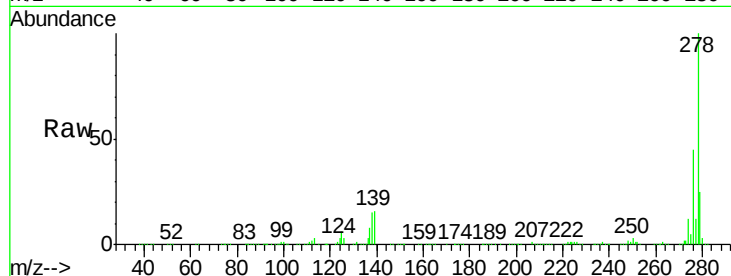
#91  
Dibenzo(a,h)anthracene  
Concen: 45.520 ng  
RT: 16.87 min Scan# 2514  
Delta R.T. 0.00 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-071420MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.5  | 12.3  | 18.5  |
| 279     | 24.5  | 20.1  | 30.1  |

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 44.098 ng  
RT: 17.29 min Scan# 2585  
Delta R.T. 0.01 min  
Lab File: BF120892.D  
Acq: 16 Jul 2020 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 18.8  | 28.2  |
| 138     | 21.5  | 17.5  | 26.3  |

