

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF052020\  
 Data File : BF120370.D  
 Acq On : 20 May 2020 15:31  
 Operator : MA/SJ  
 Sample : PB129015BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129015BS

Manual Integrations  
 APPROVED

mohammad  
 5/21/2020 10:22:57 AM

Quant Time: May 20 16:09:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 20 13:33:43 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.59  | 152  | 293967   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.87  | 136  | 1159918  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.63  | 164  | 577867   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.12 | 188  | 1015258  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.76 | 240  | 660086   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.13 | 264  | 579043   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.22  | 112 | 2051392 | 135.78 | ng | 0.02 |
| 7) Phenol-d6                | 6.26  | 99  | 2514416 | 131.60 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.17  | 82  | 1653418 | 97.60  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.43 | 330 | 614439  | 130.41 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 8.96  | 172 | 2978078 | 105.88 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.70 | 244 | 2773009 | 92.81  | ng | 0.00 |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.29 | 88  | 337612  | 56.17 | ng | 98     |
| 3) Pyridine                    | 2.95 | 79  | 703876  | 37.26 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 2.90 | 42  | 377282  | 51.00 | ng | 92     |
| 6) Aniline                     | 6.26 | 93  | 883071  | 36.14 | ng | 97     |
| 8) 2-Chlorophenol              | 6.38 | 128 | 832120  | 47.24 | ng | 99     |
| 9) Benzaldehyde                | 6.14 | 77  | 501706  | 42.60 | ng | 98     |
| 10) Phenol                     | 6.27 | 94  | 992032  | 44.48 | ng | # 79   |
| 11) bis(2-Chloroethyl)ether    | 6.33 | 93  | 837757  | 47.02 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.53 | 146 | 829069  | 43.98 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.60 | 146 | 869245  | 44.77 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.76 | 146 | 765058  | 43.76 | ng | 99     |
| 15) Benzyl Alcohol             | 6.75 | 79  | 633706  | 46.69 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.87 | 45  | 1316083 | 46.87 | ng | 70     |
| 17) 2-Methylphenol             | 6.87 | 107 | 648557  | 43.61 | ng | 95     |
| 18) Hexachloroethane           | 7.10 | 117 | 326787  | 44.18 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.02 | 70  | 559476  | 44.70 | ng | 93     |
| 20) 3+4-Methylphenols          | 7.03 | 107 | 822618  | 42.55 | ng | 96     |
| 22) Acetophenone               | 7.01 | 105 | 1134137 | 47.73 | ng | 96     |
| 24) Nitrobenzene               | 7.18 | 77  | 848057  | 46.51 | ng | 95     |
| 25) Isophorone                 | 7.43 | 82  | 1615921 | 45.84 | ng | 99     |
| 26) 2-Nitrophenol              | 7.50 | 139 | 462252  | 48.48 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 7.55 | 122 | 704705  | 50.80 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.64 | 93  | 1029135 | 46.45 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.75 | 162 | 662050  | 46.47 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 7.82 | 180 | 724810  | 45.91 | ng | 99     |
| 31) Naphthalene                | 7.90 | 128 | 2301612 | 47.02 | ng | 99     |
| 32) Benzoic acid               | 7.72 | 122 | 426161  | 46.87 | ng | 99     |
| 33) 4-Chloroaniline            | 7.96 | 127 | 713660  | 31.99 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.02 | 225 | 399949  | 43.83 | ng | 97     |
| 35) Caprolactam                | 8.35 | 113 | 202054m | 43.35 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.46 | 107 | 706016  | 45.81 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.59 | 142 | 1550070 | 46.27 | ng | 97     |
| 38) 1-Methylnaphthalene        | 8.69 | 142 | 1486908 | 45.76 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.76 | 216 | 686134  | 47.09 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF052020\  
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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB129015BS

Manual Integrations  
 APPROVED

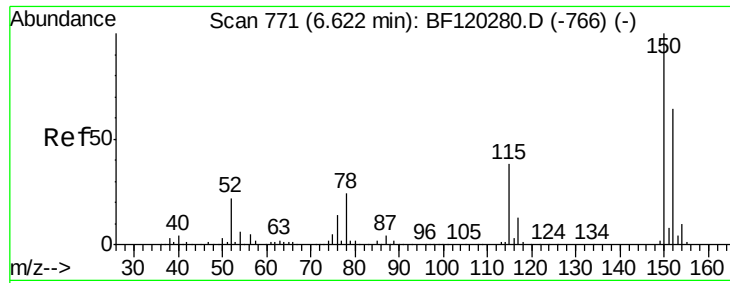
mohammad  
 5/21/2020 10:22:57 AM

Quant Time: May 20 16:09:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051420.M  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.75  | 237  | 570101   | 93.62 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 8.88  | 196  | 446552   | 45.66 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 8.93  | 196  | 466051   | 41.49 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.06  | 154  | 1848831  | 48.83 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.08  | 162  | 1385715  | 45.63 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.19  | 65   | 504162   | 45.50 | ng    | 95       |
| 49) Acenaphthylene             | 9.49  | 152  | 2176106  | 46.91 | ng    | 100      |
| 50) Dimethylphthalate          | 9.37  | 163  | 1603836  | 43.91 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.43  | 165  | 352931   | 43.29 | ng    | 94       |
| 52) Acenaphthene               | 9.66  | 154  | 1287199  | 46.29 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.60  | 138  | 284731   | 29.29 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.72  | 184  | 344696   | 89.57 | ng    | 96       |
| 55) Dibenzofuran               | 9.84  | 168  | 1850583  | 46.21 | ng    | 100      |
| 56) 4-Nitrophenol              | 9.80  | 139  | 395586   | 75.72 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 9.84  | 165  | 420751   | 43.99 | ng    | 92       |
| 58) Fluorene                   | 10.18 | 166  | 1430776  | 46.91 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 9.96  | 232  | 371557   | 43.95 | ng    | 98       |
| 60) Diethylphthalate           | 10.07 | 149  | 1595570  | 45.24 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.17 | 204  | 696907   | 43.95 | ng    | 96       |
| 62) 4-Nitroaniline             | 10.22 | 138  | 374643   | 41.38 | ng    | 100      |
| 63) Azobenzene                 | 10.33 | 77   | 1561957  | 46.86 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 10.25 | 198  | 252559   | 49.19 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 10.30 | 169  | 1354830  | 48.24 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.66 | 248  | 438573   | 44.52 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.73 | 284  | 471101   | 45.71 | ng    | 98       |
| 69) Atrazine                   | 10.83 | 200  | 357693   | 42.56 | ng    | 100      |
| 70) Pentachlorophenol          | 10.93 | 266  | 376473   | 85.88 | ng    | 99       |
| 71) Phenanthrene               | 11.14 | 178  | 2015731  | 47.25 | ng    | 99       |
| 72) Anthracene                 | 11.19 | 178  | 2186433  | 47.87 | ng    | 99       |
| 73) Carbazole                  | 11.35 | 167  | 1945887  | 45.60 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.69 | 149  | 2446307  | 47.57 | ng    | 99       |
| 75) Fluoranthene               | 12.33 | 202  | 2142712  | 46.86 | ng    | 97       |
| 77) Benzidine                  | 12.46 | 184  | 1250782  | 64.89 | ng    | 96       |
| 78) Pyrene                     | 12.55 | 202  | 2177997  | 46.28 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.18 | 149  | 993895   | 44.85 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.74 | 228  | 1617526  | 46.46 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.71 | 252  | 478241   | 36.45 | ng    | 99       |
| 83) Chrysene                   | 13.78 | 228  | 1687544  | 45.14 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.74 | 149  | 1264153  | 45.85 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.35 | 149  | 2297521  | 46.32 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.44 | 276  | 1276793  | 37.63 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 14.76 | 252  | 1530704  | 48.40 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 14.78 | 252  | 1335850  | 48.76 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.09 | 252  | 1263125  | 44.54 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.46 | 278  | 1050274  | 41.80 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.84 | 276  | 1079948  | 42.63 | ng    | 99       |

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





#1

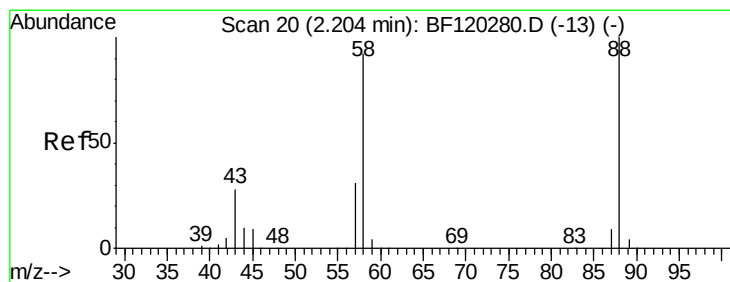
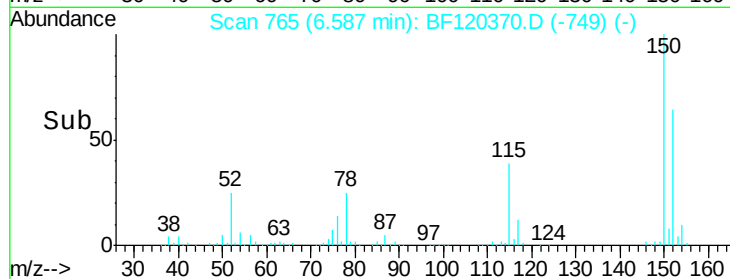
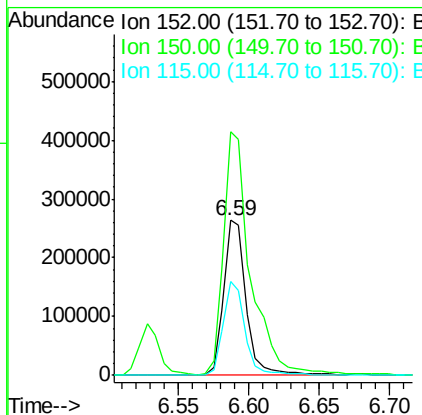
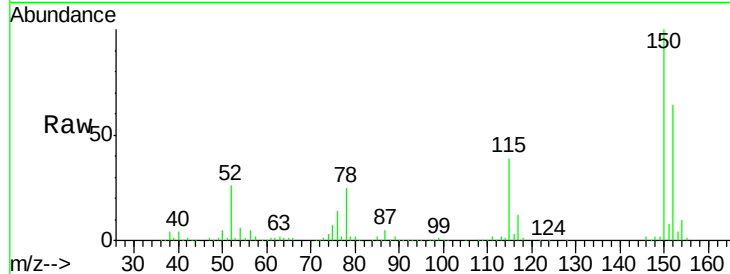
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.59 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.1 | 126.2 | 189.2 |
| 115     | 60.9  | 47.9  | 71.9  |

Manual Integrations  
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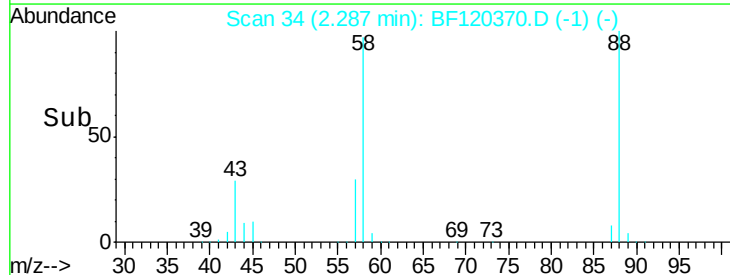
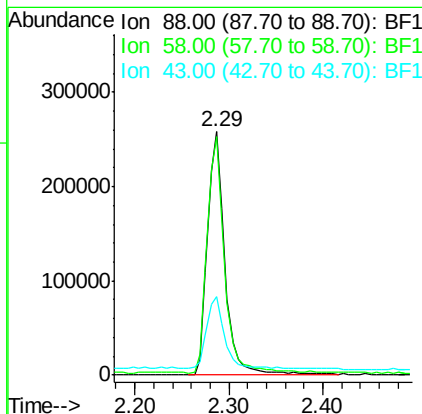
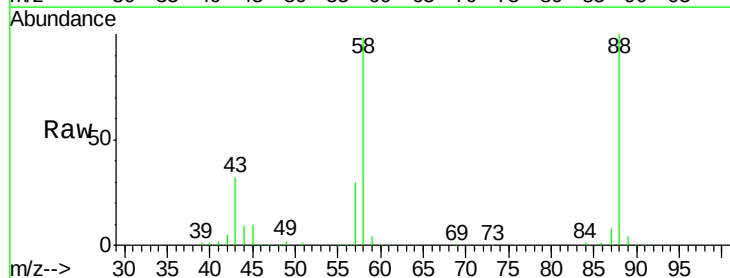
mohammad  
5/21/2020 10:22:57 AM

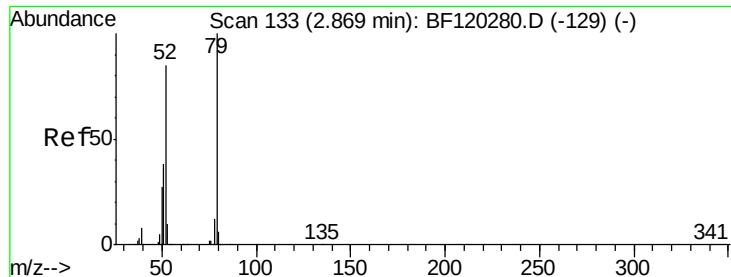


#2

1,4-Dioxane  
Concen: 56.17 ng  
RT: 2.29 min Scan# 34  
Delta R.T. 0.12 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 96.5  | 75.8  | 113.6 |
| 43      | 28.5  | 23.6  | 35.4  |





#3

Pyridine

Concen: 37.26 ng

RT: 2.95 min Scan# 147

Delta R.T. 0.12 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

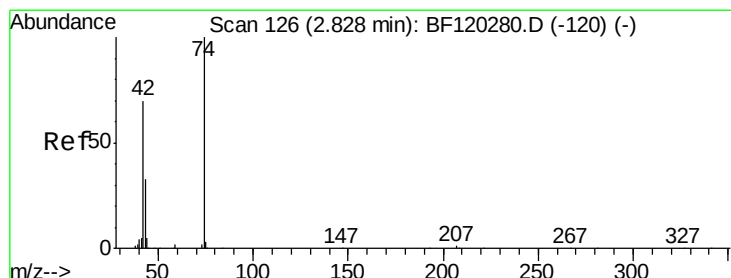
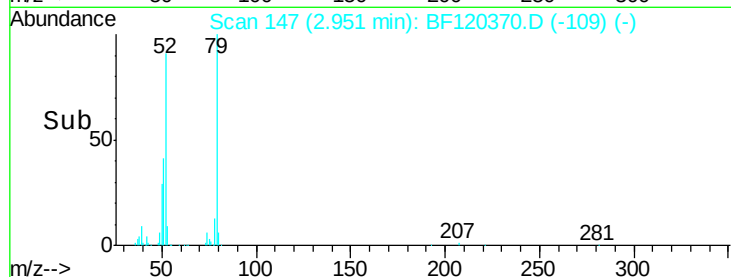
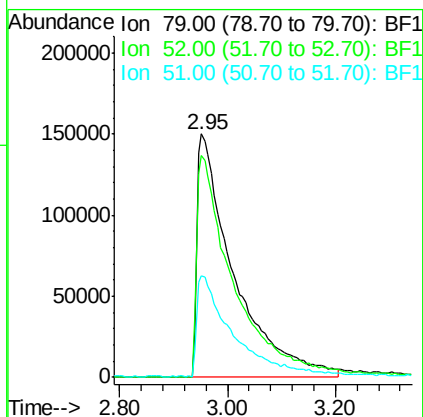
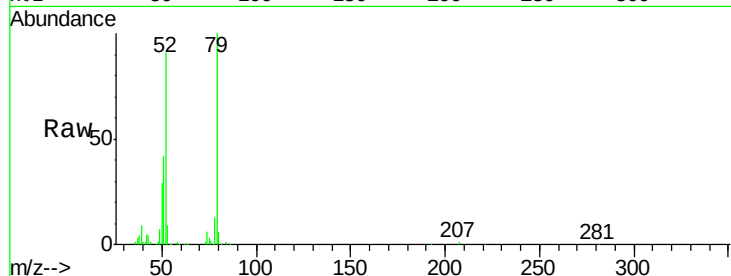
ClientSampleId :

PB129015BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 703876 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 91.0  | 68.4  | 102.6  |
| 51        | 41.9  | 31.0  | 46.4   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 51.00 ng

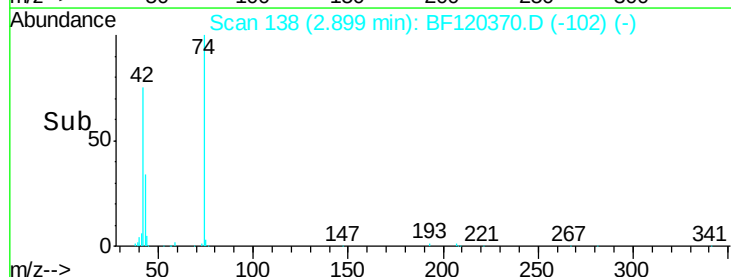
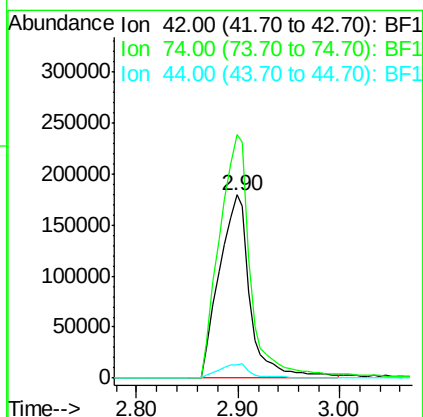
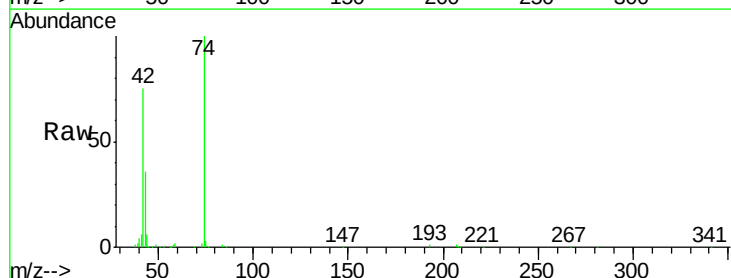
RT: 2.90 min Scan# 138

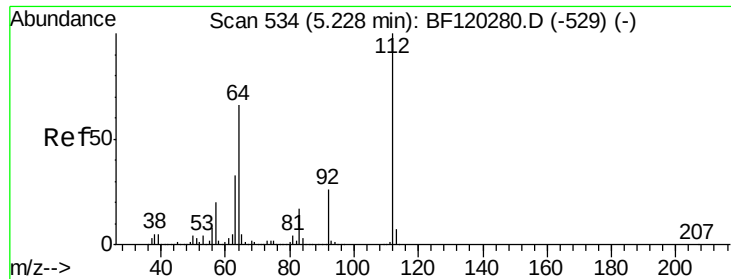
Delta R.T. 0.11 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 377282 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 133.2 | 114.8 | 172.2  |
| 44        | 7.5   | 5.6   | 8.4    |





#5

2-Fluorophenol

Concen: 135.78 ng

RT: 5.22 min Scan# 532

Delta R.T. 0.02 min

Lab File: BF120370.D

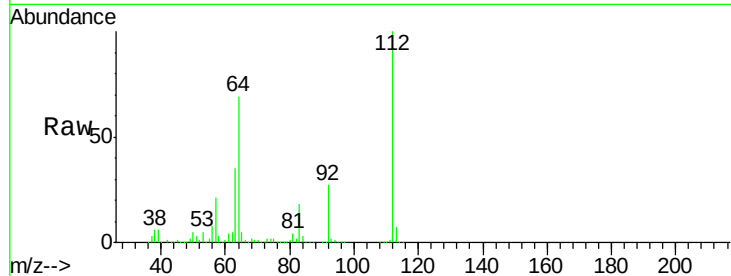
Acq: 20 May 2020 15:31

Instrument :

BNA\_F

ClientSampleId :

PB129015BS



Tgt Ion: 112 Resp: 2051392

Ion Ratio Lower Upper

112 100

64 69.1 52.7 79.1

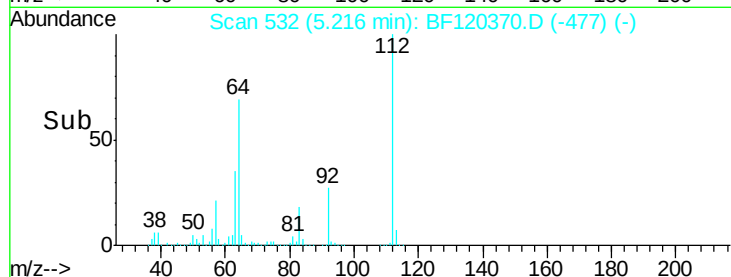
63 35.5 26.2 39.4

Manual Integrations

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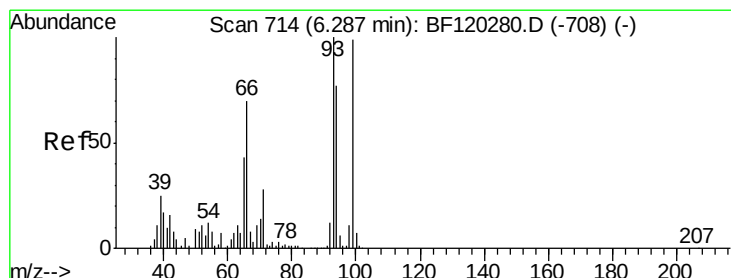
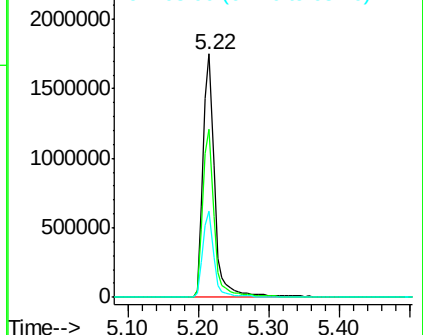
5/21/2020 10:22:57 AM



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: 36.14 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

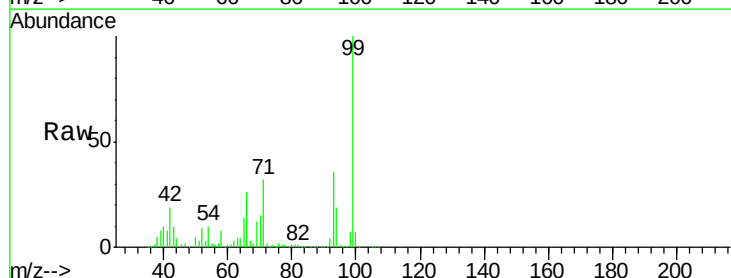
Tgt Ion: 93 Resp: 883071

Ion Ratio Lower Upper

93 100

66 71.4 56.2 84.4

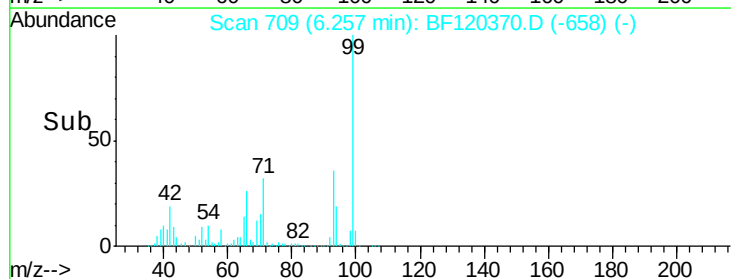
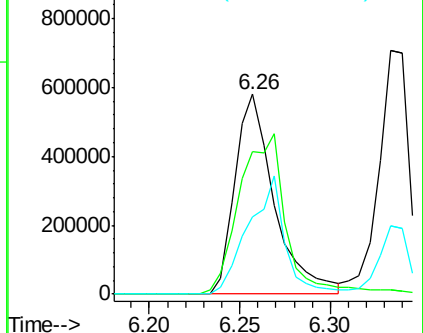
65 38.4 34.2 51.2

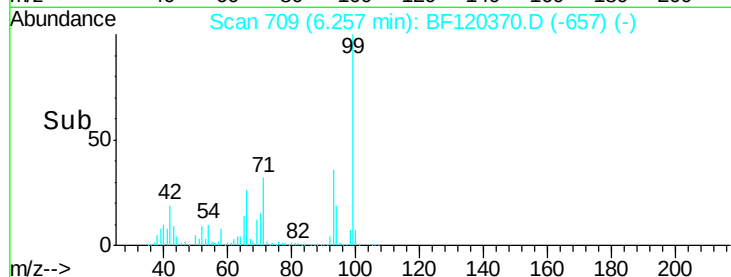
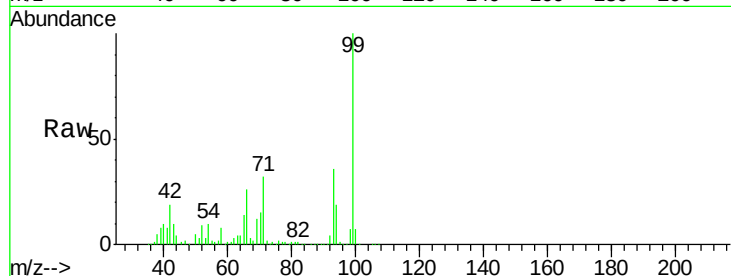
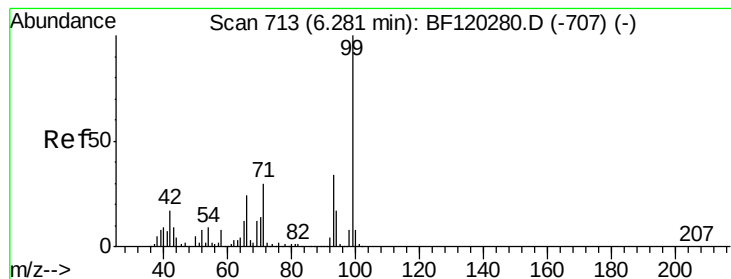


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.60 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Tgt Ion: 99 Resp: 2514416

Ion Ratio Lower Upper

99 100

42 18.6 13.6 20.4

71 31.7 24.2 36.4

Instrument :

BNA\_F

ClientSampleId :

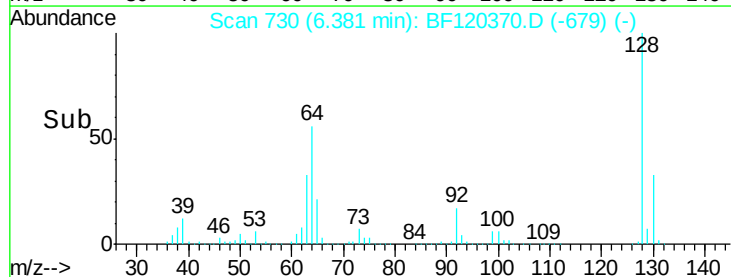
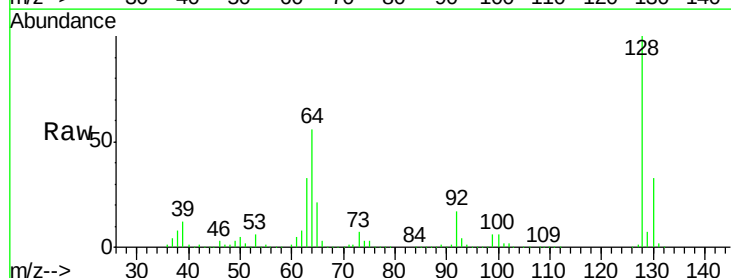
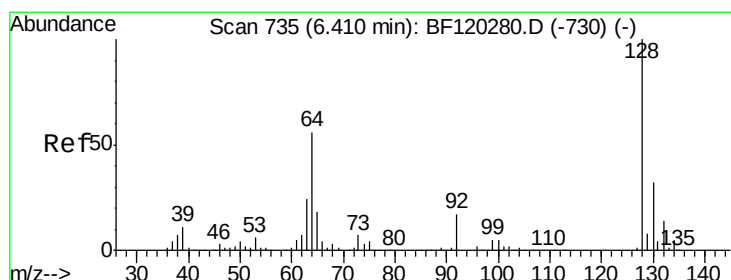
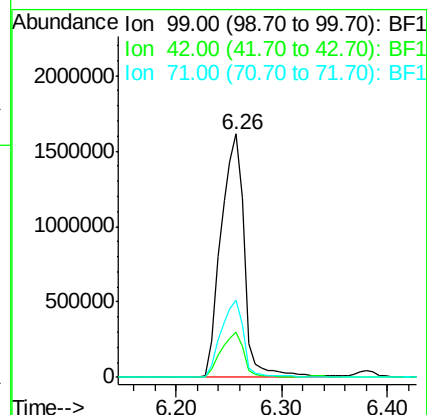
PB129015BS

Manual Integrations

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5/21/2020 10:22:57 AM



#8

2-Chlorophenol

Concen: 47.24 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

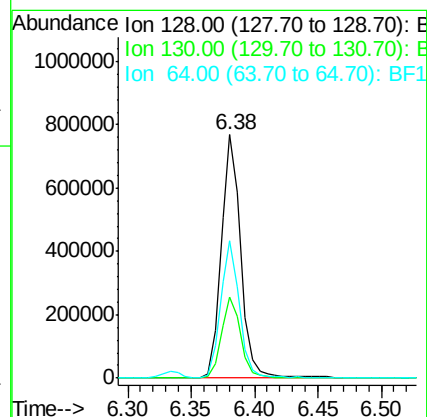
Tgt Ion: 128 Resp: 832120

Ion Ratio Lower Upper

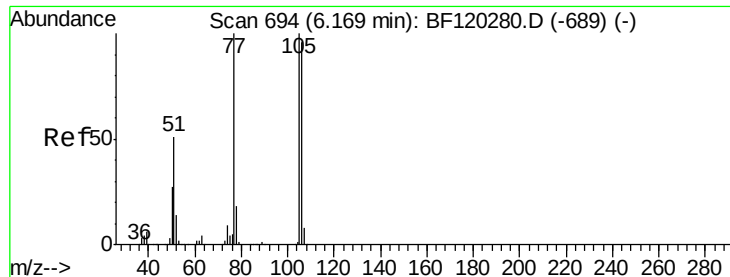
128 100

130 33.2 12.4 52.4

64 56.3 36.7 76.7







#9

Benzaldehyde

Concen: 42.60 ng

RT: 6.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

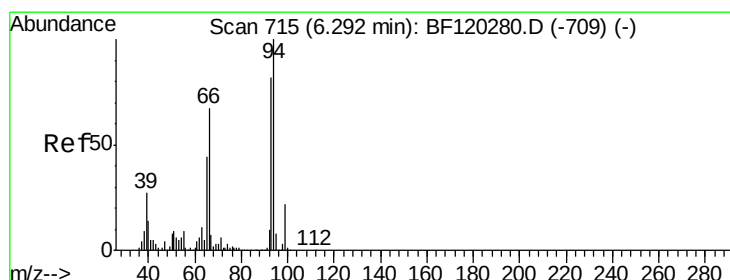
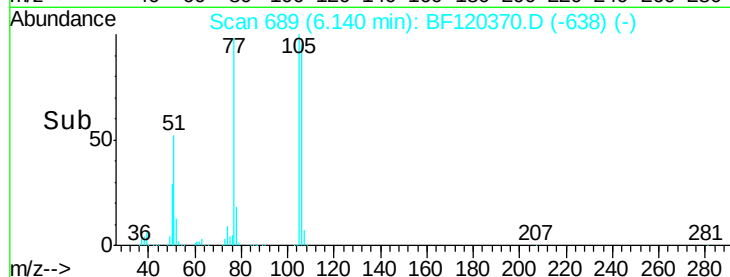
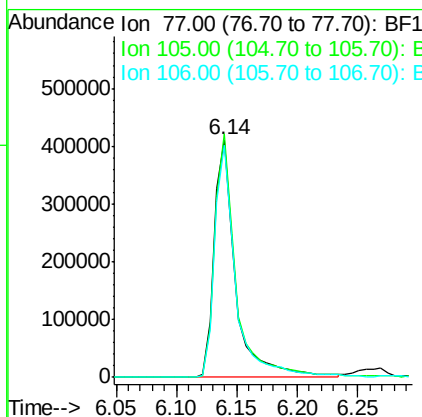
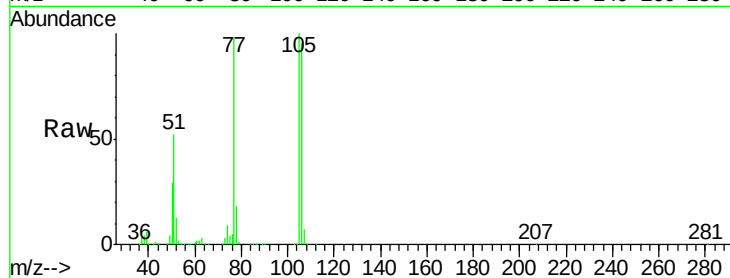
ClientSampleId :

PB129015BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 501706 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 102.5 | 79.9  | 119.9  |
| 106       | 97.9  | 75.7  | 115.7  |

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#10

Phenol

Concen: 44.48 ng

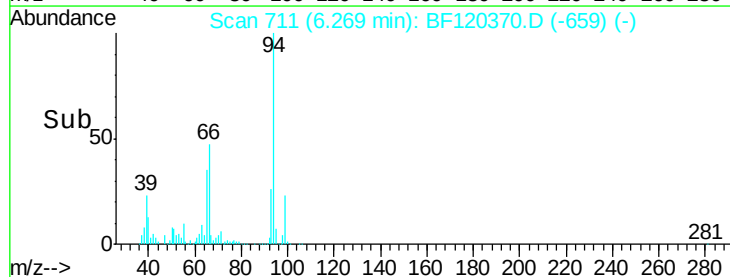
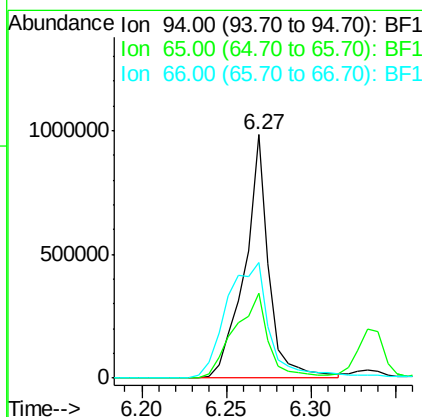
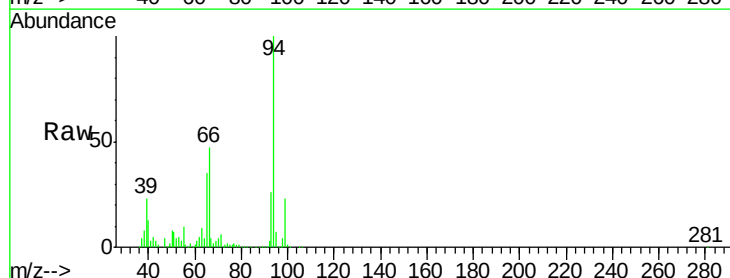
RT: 6.27 min Scan# 711

Delta R.T. 0.01 min

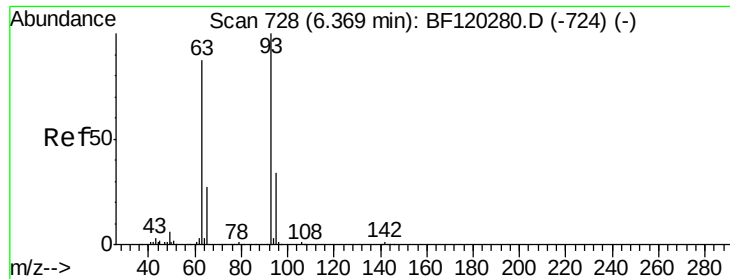
Lab File: BF120370.D

Acq: 20 May 2020 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 992032 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 34.9  | 24.1  | 64.1   |
| 66        | 47.3  | 47.5  | 87.5#  |







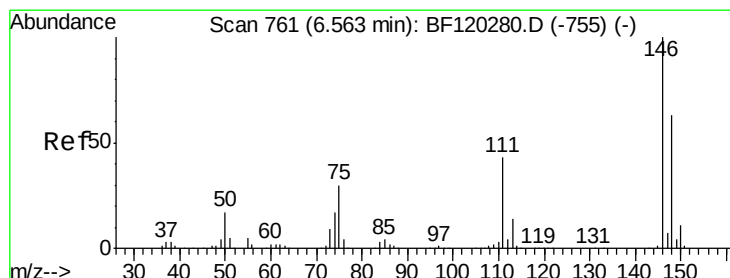
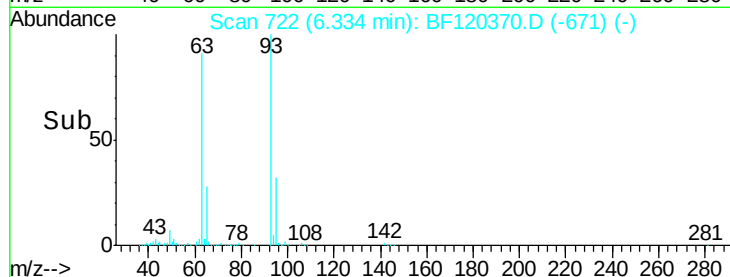
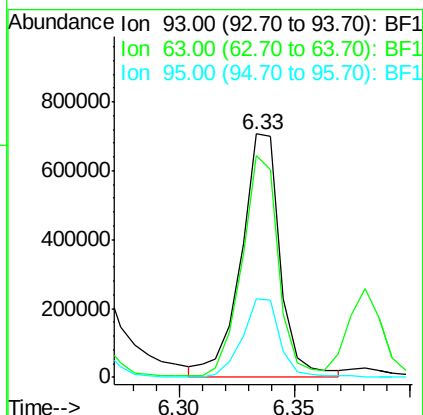
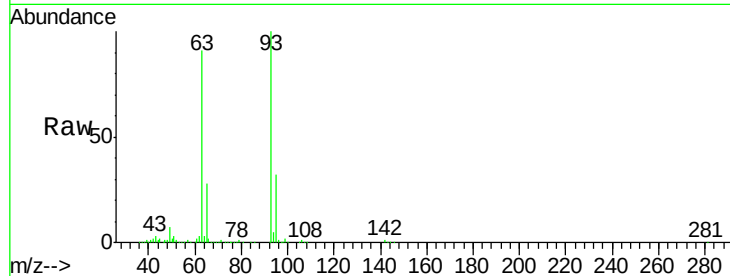
#11  
bis(2-Chloroethyl)ether  
Concen: 47.02 ng  
RT: 6.33 min Scan# 722  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 91.1  | 65.4  | 105.4 |
| 95      | 32.2  | 12.9  | 52.9  |

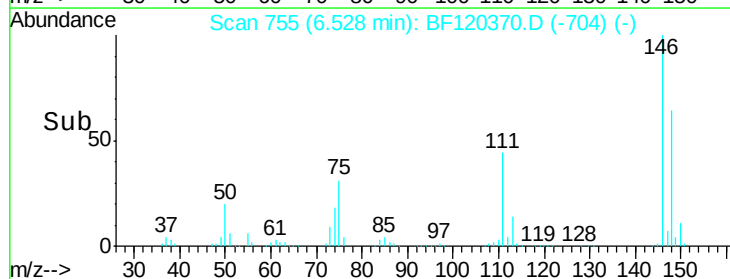
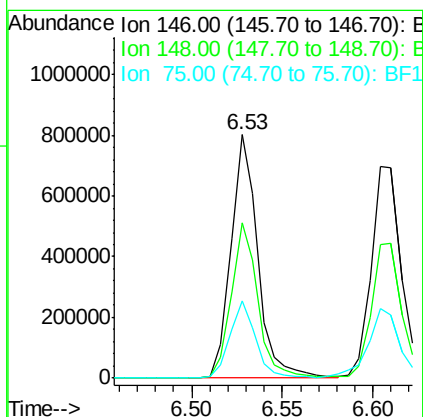
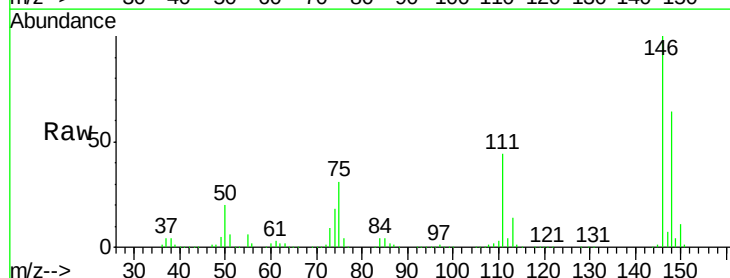
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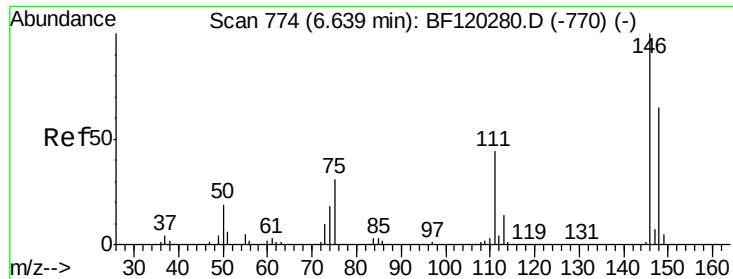
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#12  
1,3-Dichlorobenzene  
Concen: 43.98 ng  
RT: 6.53 min Scan# 755  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 50.5  | 75.7  |
| 75      | 31.5  | 24.2  | 36.4  |





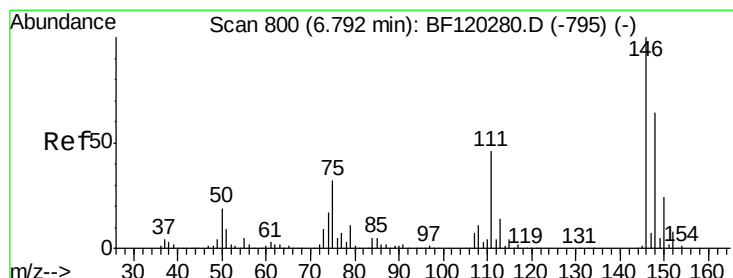
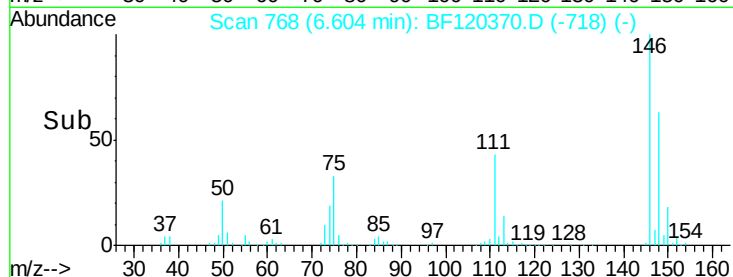
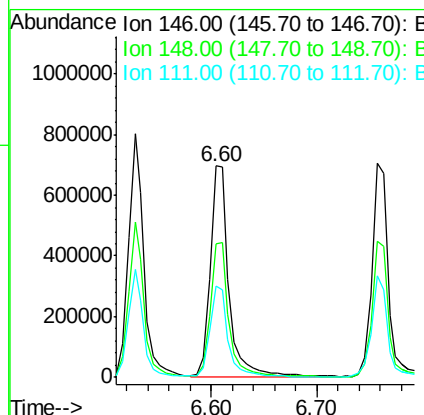
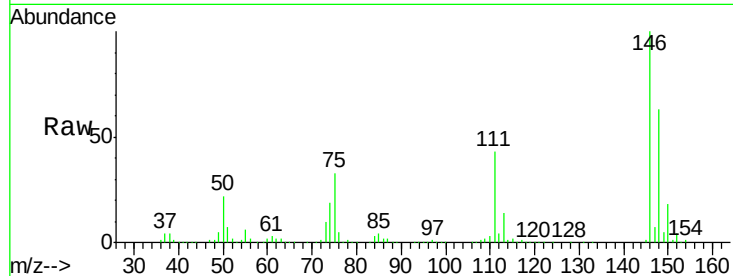
#13  
 1,4-Dichlorobenzene  
 Concen: 44.77 ng  
 RT: 6.60 min Scan# 768  
 Delta R.T. -0.01 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129015BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.6  | 77.4  |
| 111     | 43.1  | 35.1  | 52.7  |

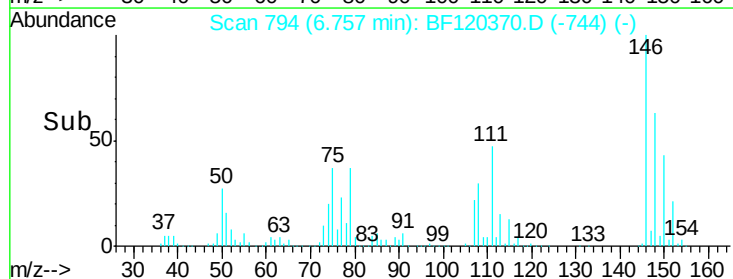
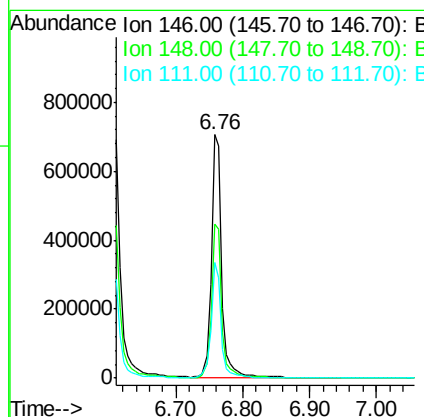
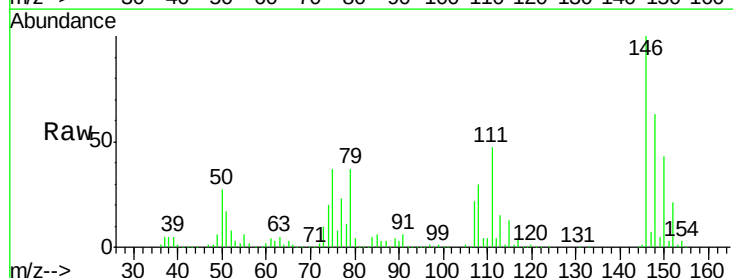
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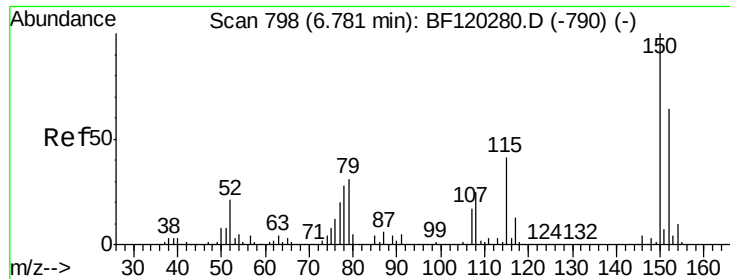
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#14  
 1,2-Dichlorobenzene  
 Concen: 43.76 ng  
 RT: 6.76 min Scan# 794  
 Delta R.T. -0.01 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.1  | 76.7  |
| 111     | 47.4  | 36.6  | 55.0  |





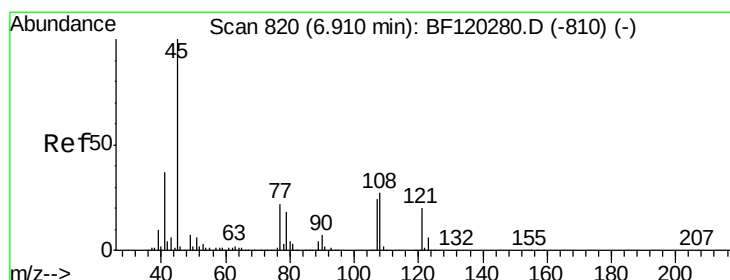
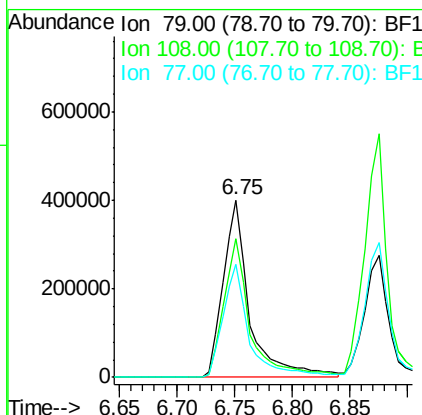
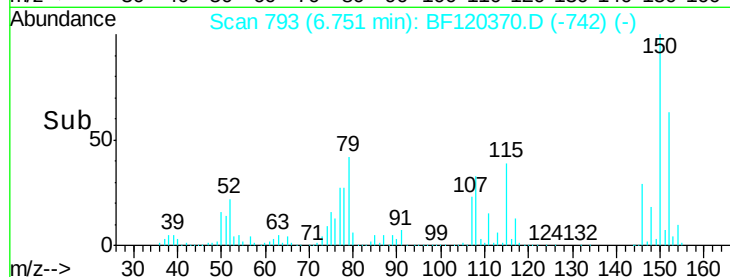
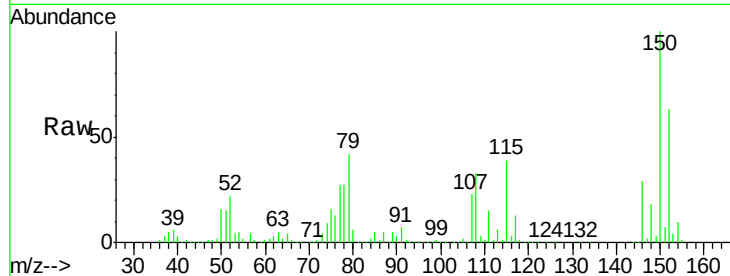
#15  
Benzyl Alcohol  
Concen: 46.69 ng  
RT: 6.75 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 77.9  | 64.2  | 96.4  |
| 77      | 63.7  | 51.6  | 77.4  |

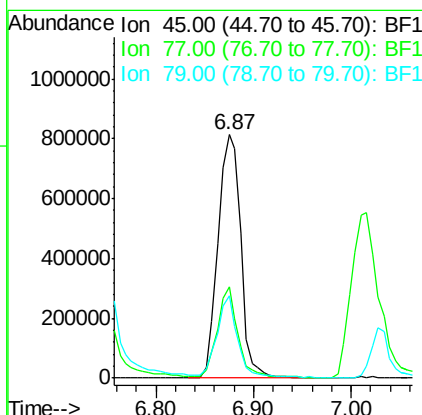
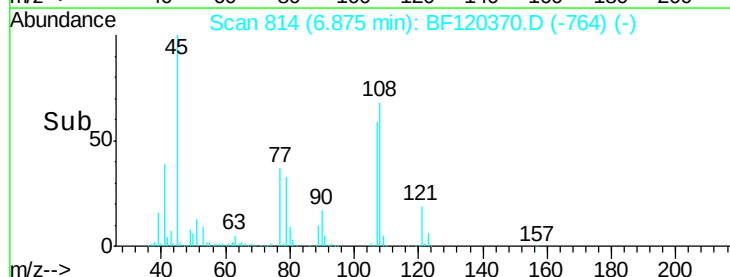
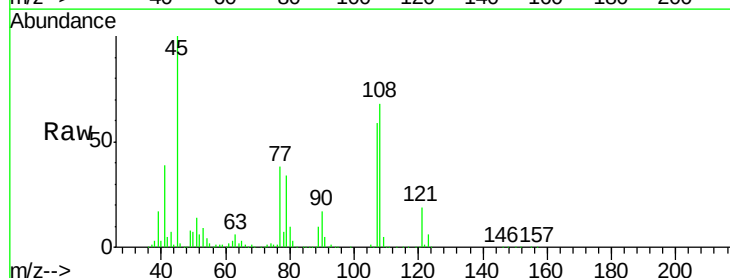
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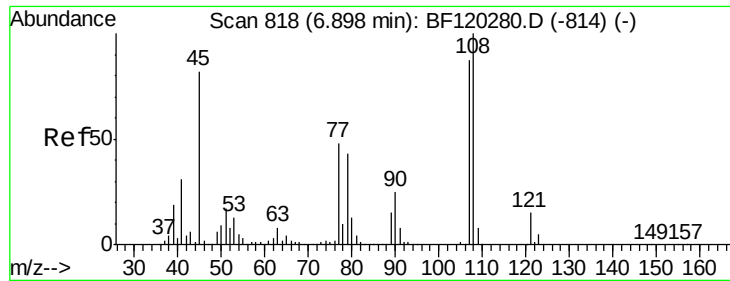
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.87 ng  
RT: 6.87 min Scan# 814  
Delta R.T. -0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 37.5  | 3.1   | 43.1  |
| 79      | 33.8  | 0.0   | 40.0  |





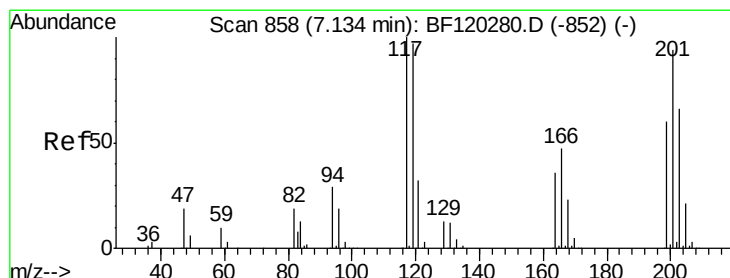
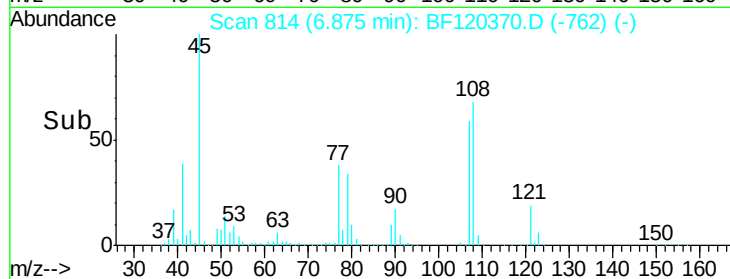
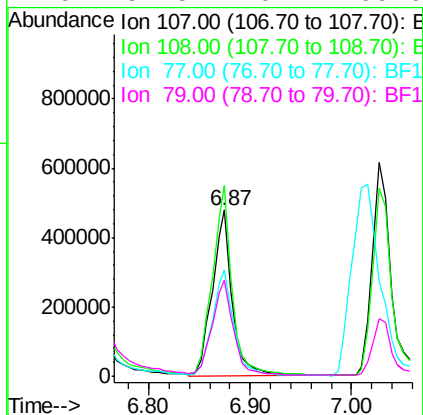
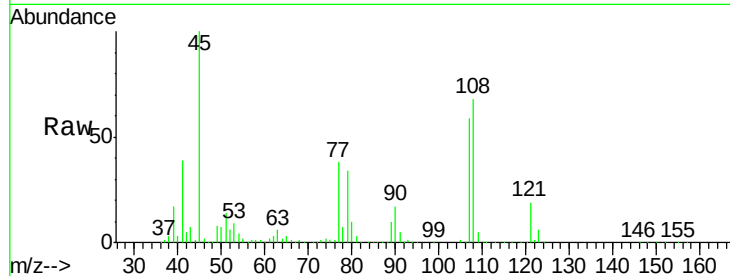
#17  
2-Methylphenol  
Concen: 43.61 ng  
RT: 6.87 min Scan# 814  
Delta R.T. 0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 648557 |       |       |
| 108     | 114.9 | 92.4   | 138.6 |       |
| 77      | 63.8  | 44.5   | 66.7  |       |
| 79      | 57.5  | 40.4   | 60.6  |       |

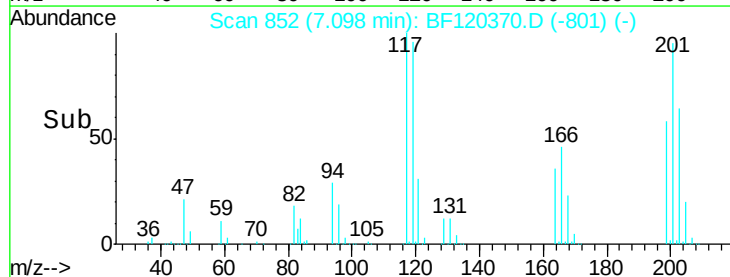
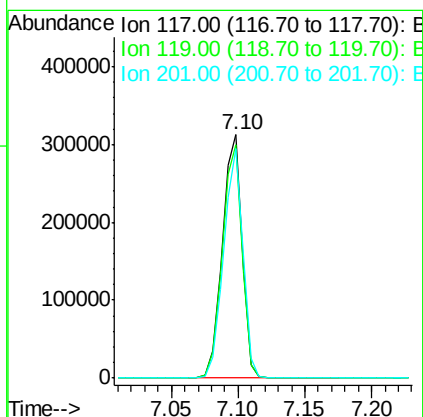
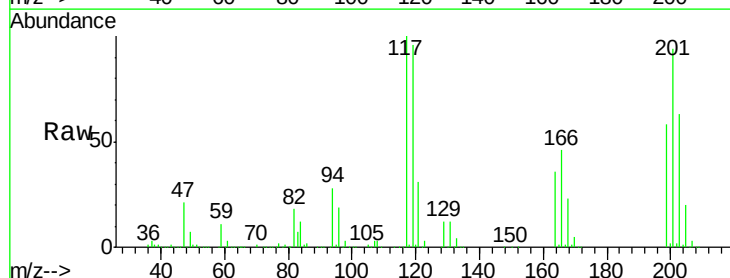
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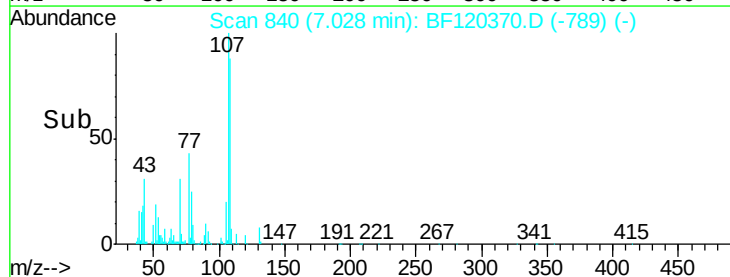
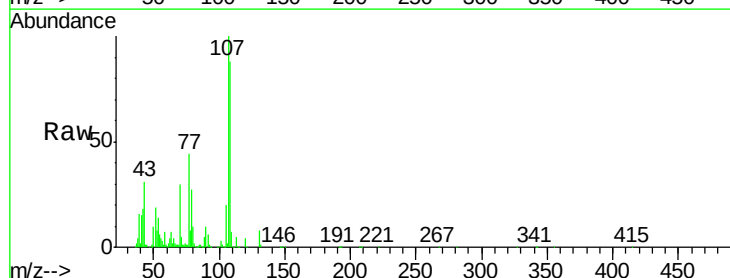
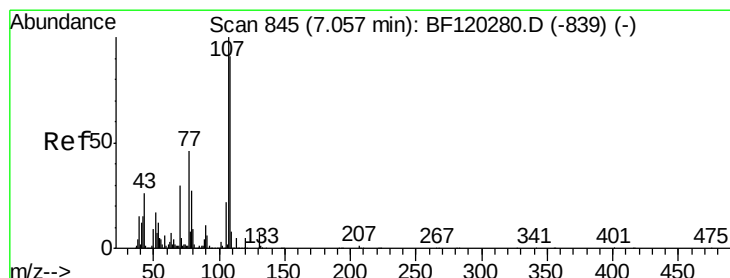
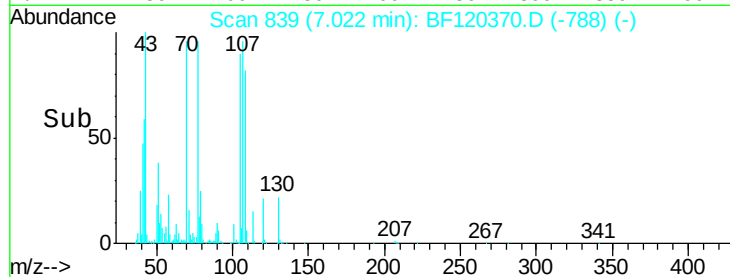
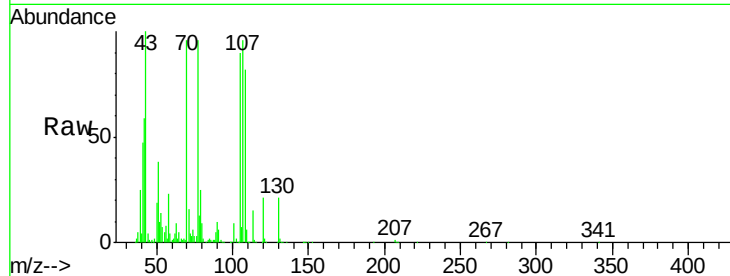
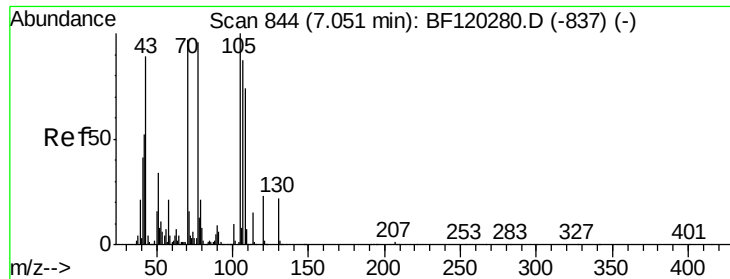
mohammad  
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#18  
Hexachloroethane  
Concen: 44.18 ng  
RT: 7.10 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

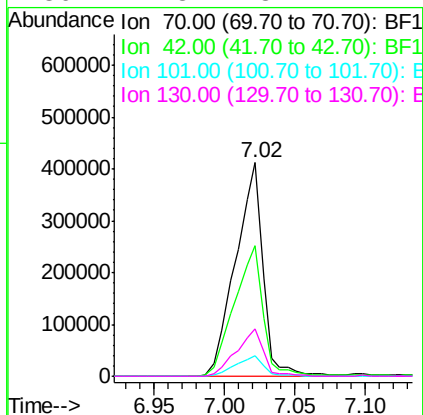
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 326787 |       |       |
| 119     | 95.8  | 77.4   | 116.0 |       |
| 201     | 94.5  | 74.9   | 112.3 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 44.70 ng  
RT: 7.02 min Scan# 839  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 61.3  | 43.4  | 65.0  |
| 101     | 9.4   | 7.8   | 11.8  |
| 130     | 22.3  | 18.2  | 27.4  |



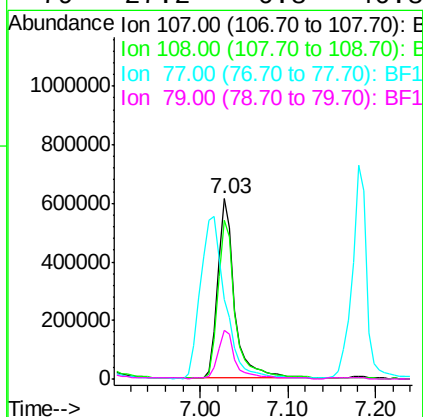
Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

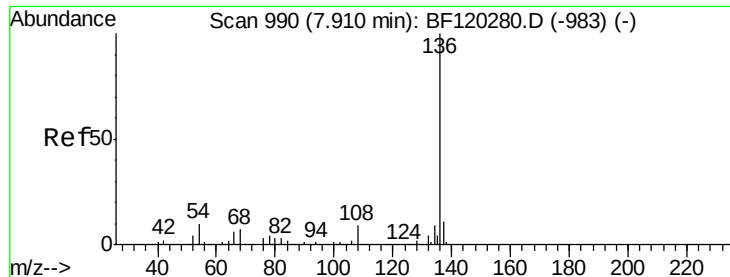
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#20  
3+4-Methylphenols  
Concen: 42.55 ng  
RT: 7.03 min Scan# 840  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.0  | 71.1  | 111.1 |
| 77      | 44.3  | 28.1  | 68.1  |
| 79      | 27.2  | 6.8   | 46.8  |





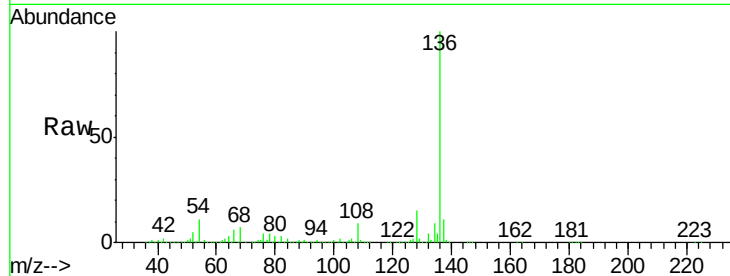
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.87 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

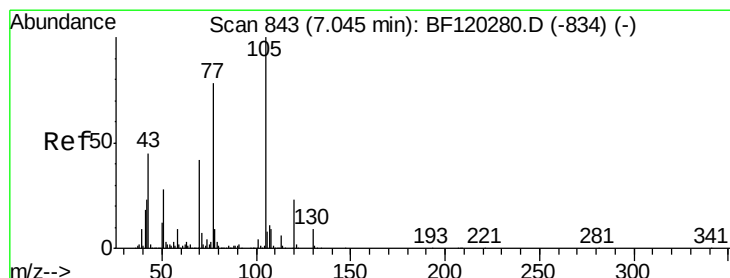
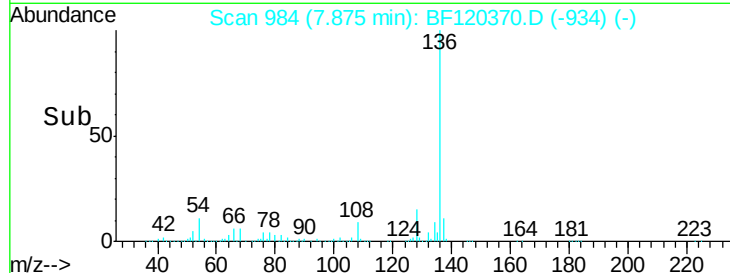
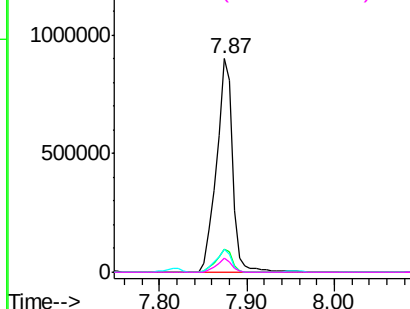
| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 136     | 100   | 1159918 |       |       |
| 137     | 10.7  |         | 9.1   | 13.7  |
| 54      | 10.8  |         | 7.9   | 11.9  |
| 68      | 6.6   |         | 5.4   | 8.2   |

Manual Integrations  
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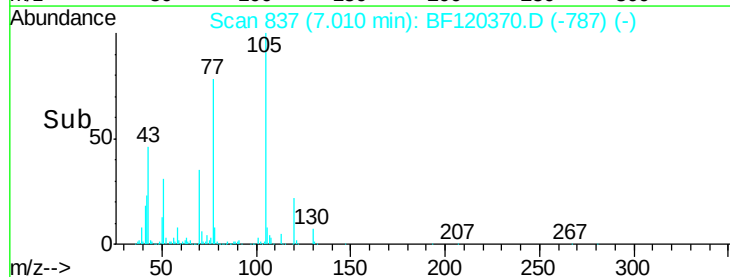
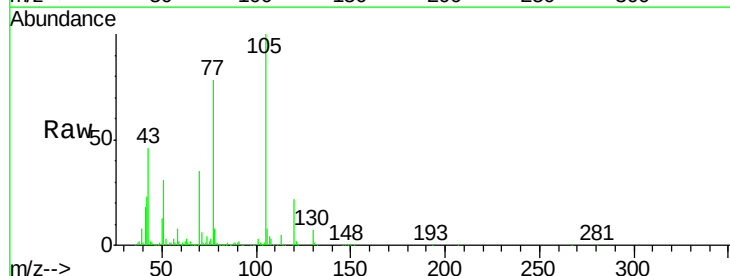
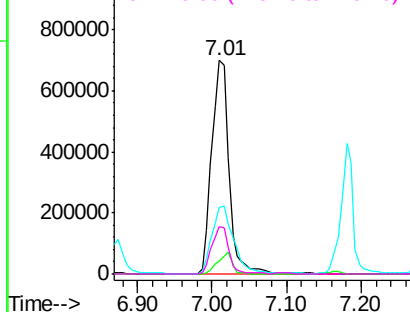
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

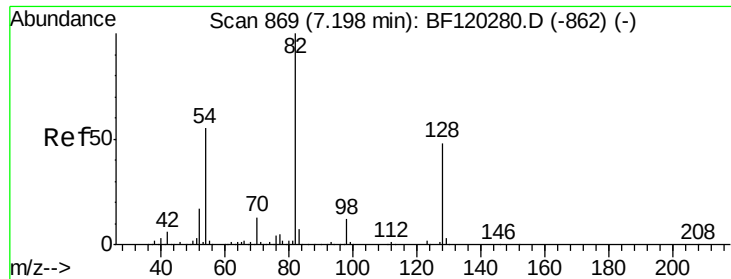


#22  
Acetophenone  
Concen: 47.73 ng  
RT: 7.01 min Scan# 837  
Delta R.T. -0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 105     | 100   | 1134137 |       |       |
| 71      | 5.9   |         | 5.6   | 8.4   |
| 51      | 31.0  |         | 22.6  | 34.0  |
| 120     | 22.4  |         | 18.7  | 28.1  |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E





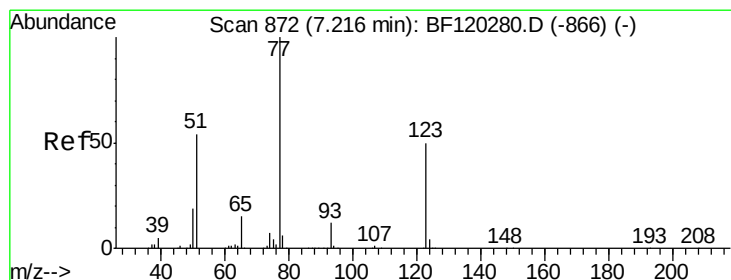
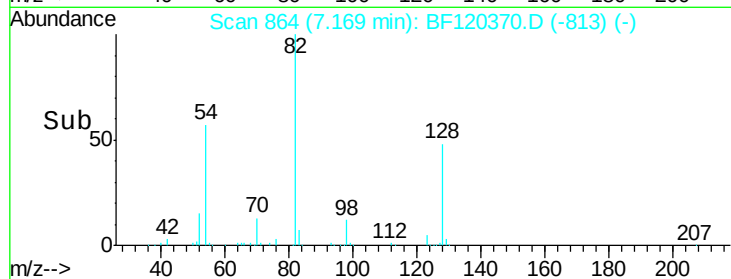
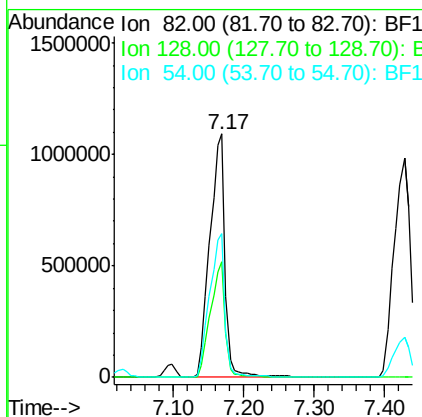
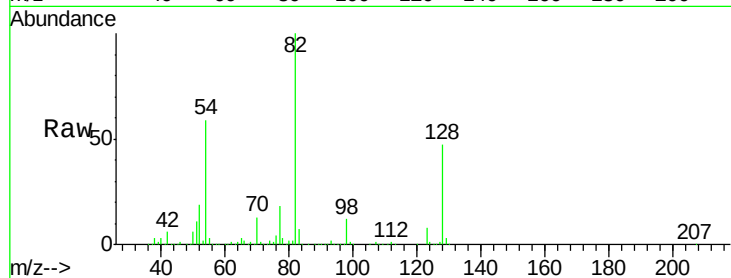
#23  
 Nitrobenzene-d5  
 Concen: 97.60 ng  
 RT: 7.17 min Scan# 864  
 Delta R.T. 0.00 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129015BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.5  | 38.3  | 57.5  |
| 54      | 59.1  | 43.9  | 65.9  |

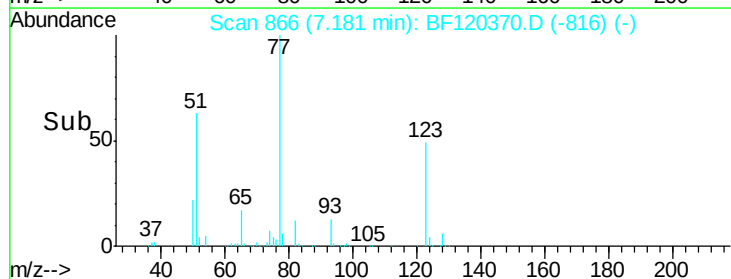
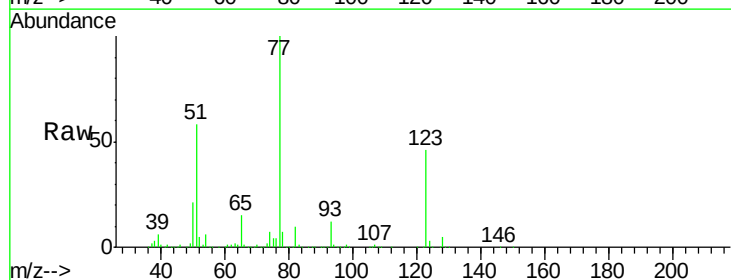
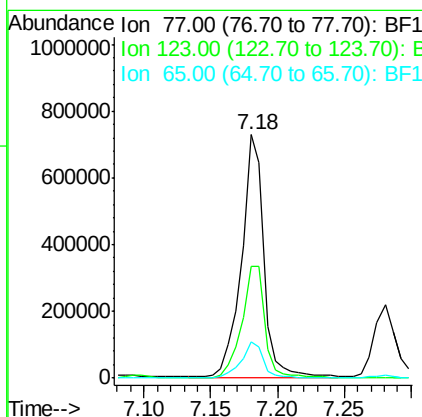
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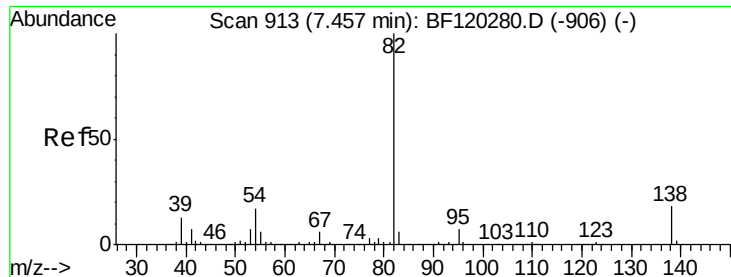


#24  
 Nitrobenzene  
 Concen: 46.51 ng  
 RT: 7.18 min Scan# 866  
 Delta R.T. -0.01 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 45.9  | 40.0  | 60.0  |
| 65      | 15.0  | 11.7  | 17.5  |







#25

Isophorone

Concen: 45.84 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

ClientSampleId :

PB129015BS

Tgt Ion: 82 Resp: 1615921

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.0

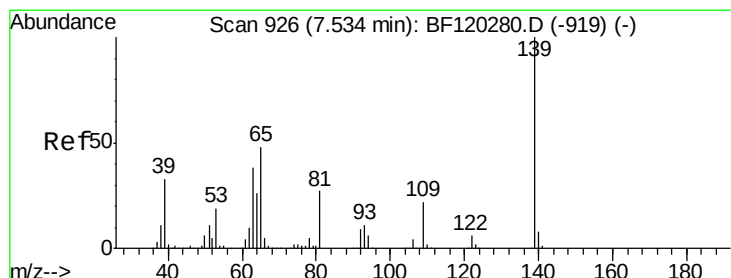
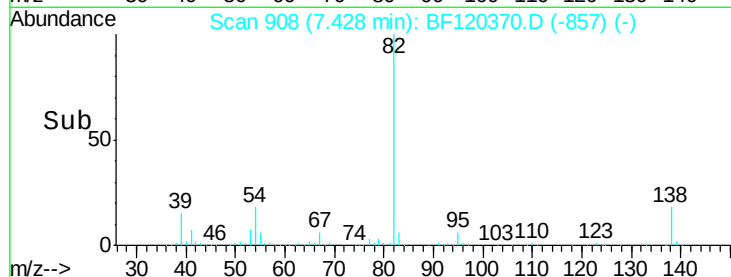
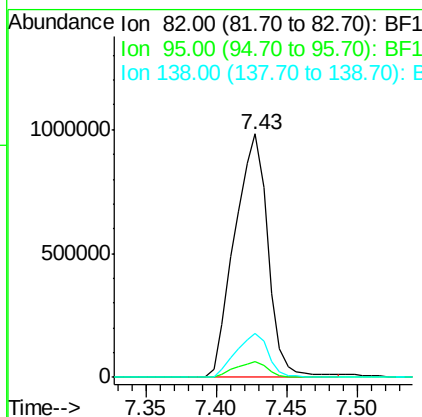
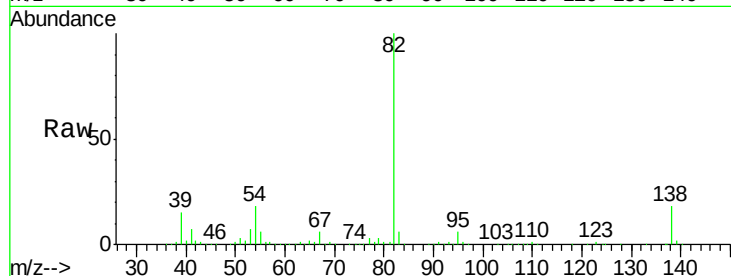
138 18.0 14.7 22.1

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#26

2-Nitrophenol

Concen: 48.48 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

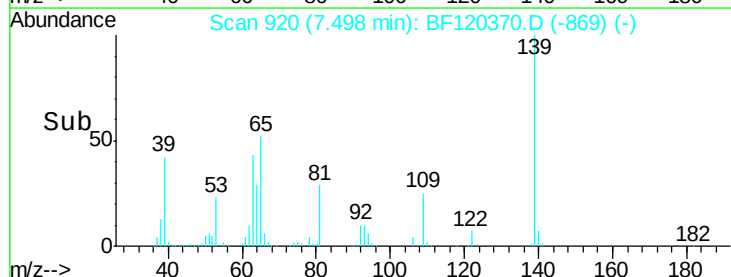
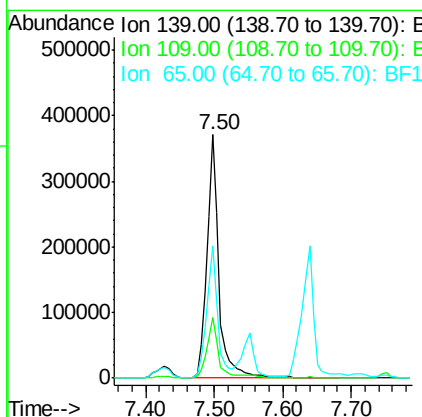
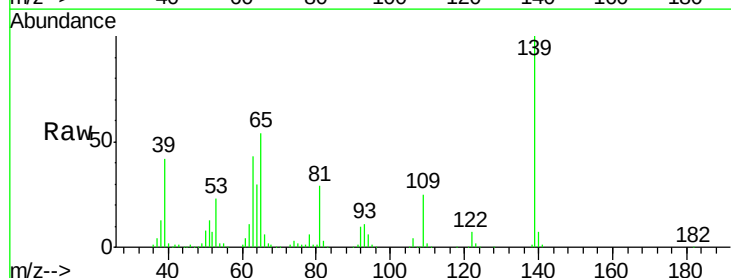
Tgt Ion: 139 Resp: 462252

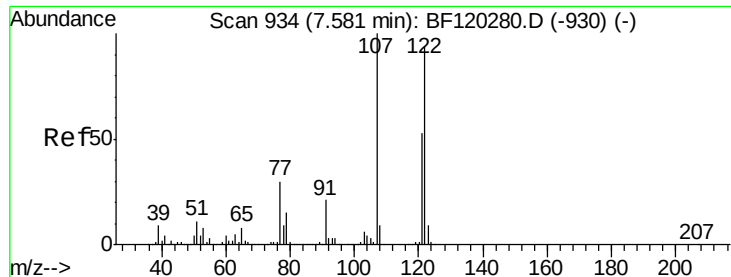
Ion Ratio Lower Upper

139 100

109 24.8 17.7 26.5

65 54.1 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 50.80 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

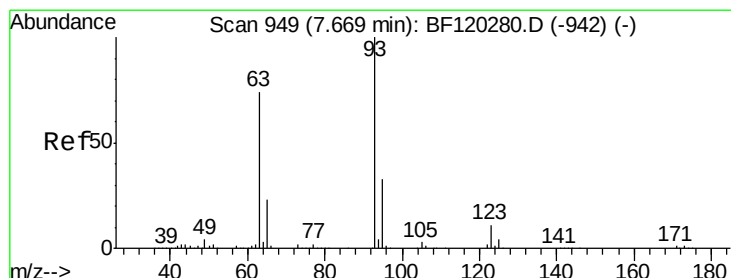
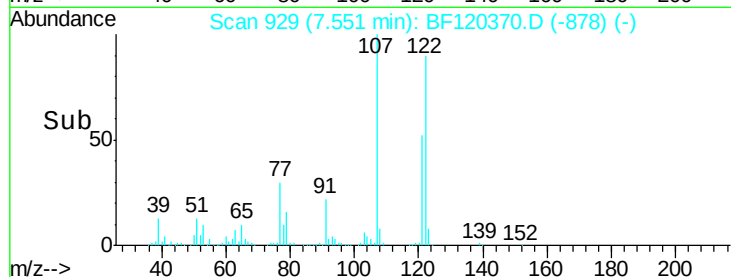
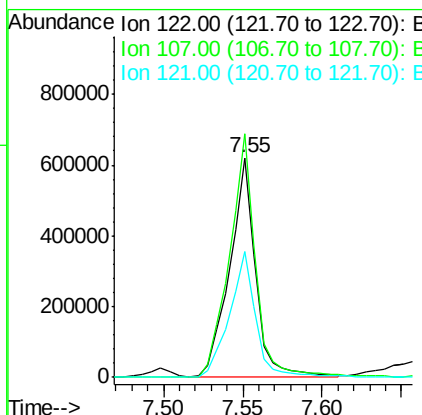
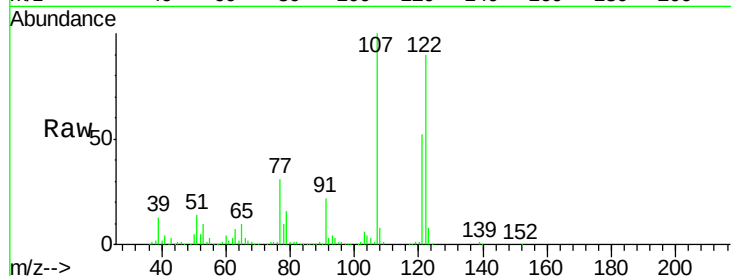
ClientSampleId :

PB129015BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 704705 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 110.9 | 85.0  | 127.6  |
| 121       | 57.4  | 45.1  | 67.7   |

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#28

bis(2-Chloroethoxy)methane

Concen: 46.45 ng

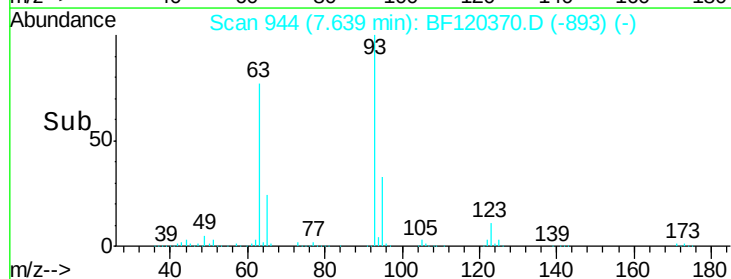
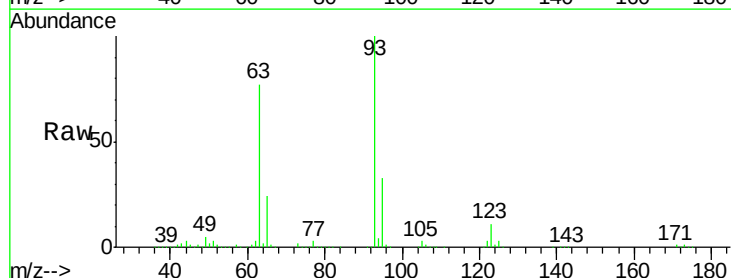
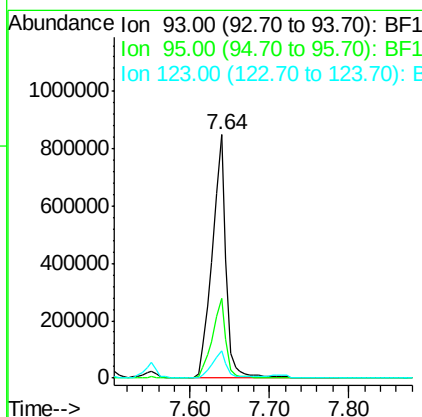
RT: 7.64 min Scan# 944

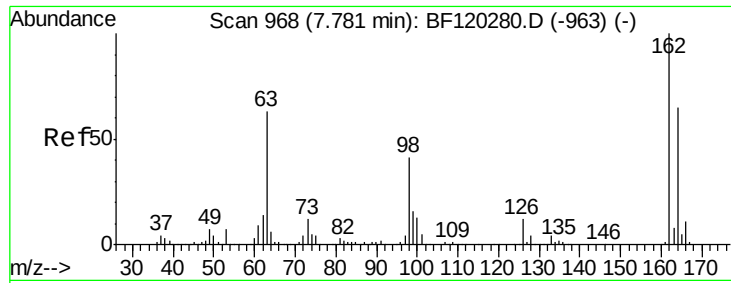
Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 93    | Resp: | 1029135 |
| Ion Ratio | Lower | Upper |         |
| 93        | 100   |       |         |
| 95        | 33.0  | 26.8  | 40.2    |
| 123       | 11.4  | 9.2   | 13.8    |





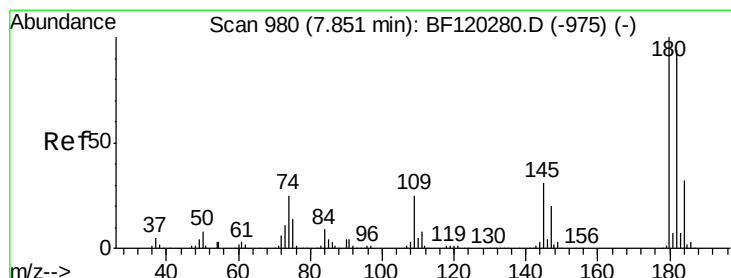
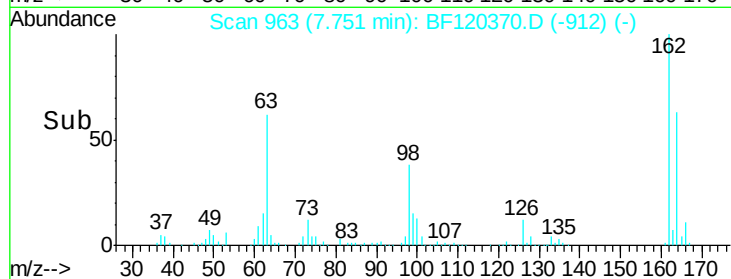
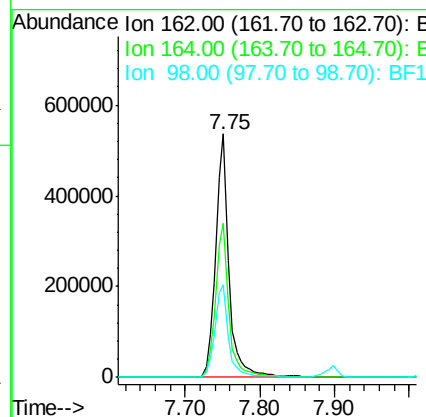
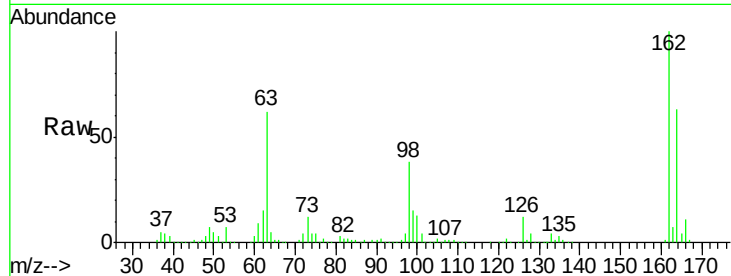
#29  
2,4-Dichlorophenol  
Concen: 46.47 ng  
RT: 7.75 min Scan# 963  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 662050 |       |       |
| 164     | 63.1  | 44.9   | 84.9  |       |
| 98      | 38.2  | 20.7   | 60.7  |       |

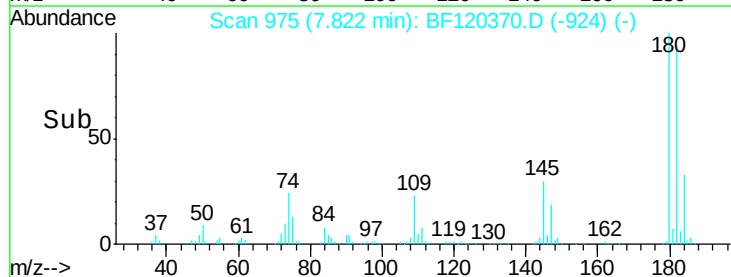
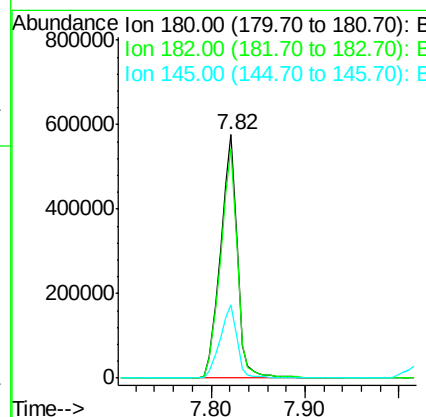
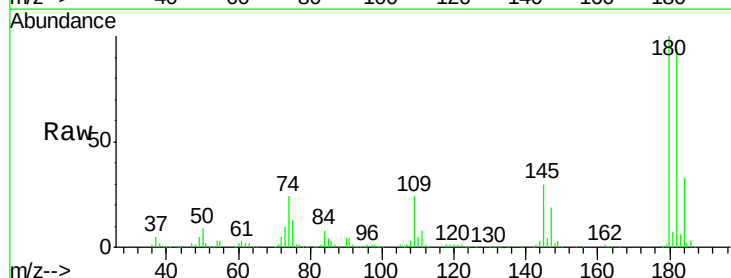
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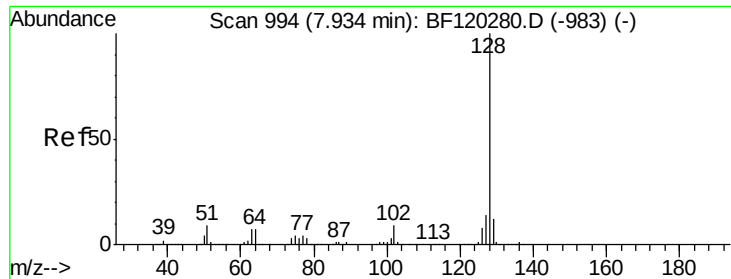
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#30  
1,2,4-Trichlorobenzene  
Concen: 45.91 ng  
RT: 7.82 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 724810 |       |       |
| 182     | 94.2  | 75.3   | 112.9 |       |
| 145     | 29.9  | 24.9   | 37.3  |       |





#31

Naphthalene

Concen: 47.02 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

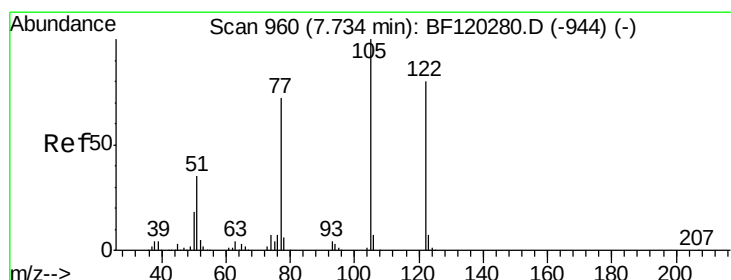
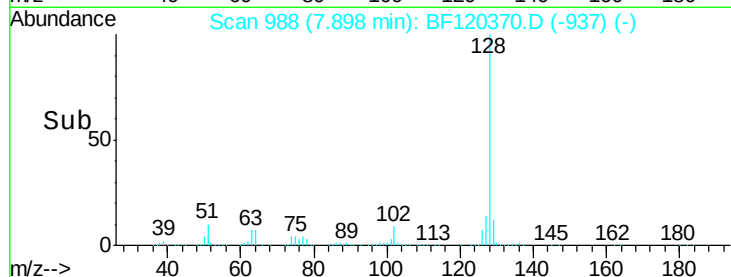
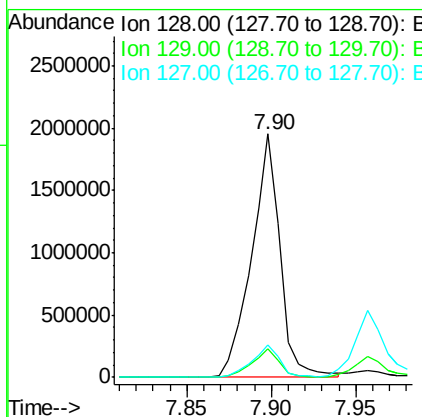
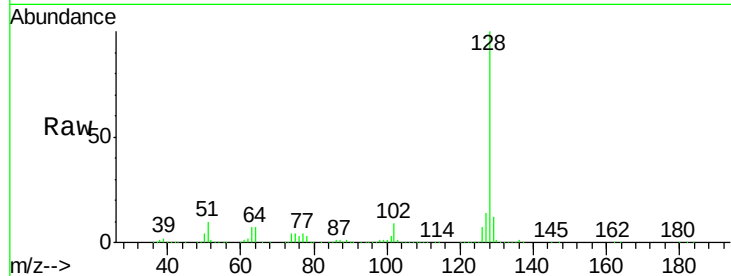
ClientSampleId :

PB129015BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 128   | Resp: | 2301612 |
| Ion      | Ratio | Lower | Upper   |
| 128      | 100   |       |         |
| 129      | 11.7  | 9.3   | 13.9    |
| 127      | 13.5  | 11.2  | 16.8    |

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#32

Benzoic acid

Concen: 46.87 ng

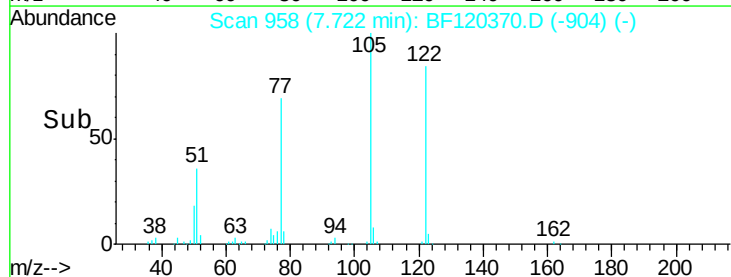
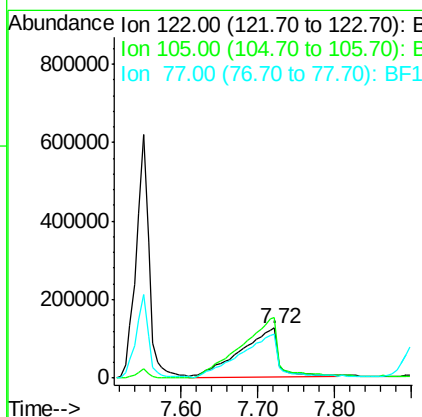
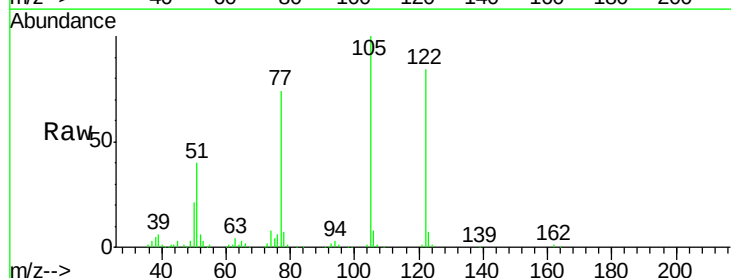
RT: 7.72 min Scan# 958

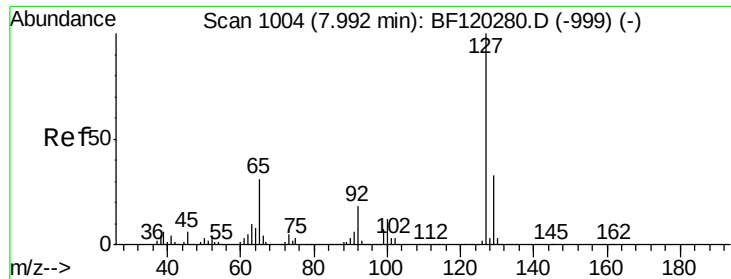
Delta R.T. 0.02 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 426161 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 119.3 | 98.1  | 138.1  |
| 77       | 87.7  | 66.7  | 106.7  |





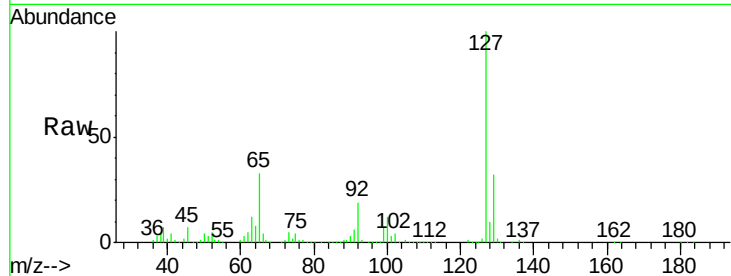
#33  
4-Chloroaniline  
Concen: 31.99 ng  
RT: 7.96 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

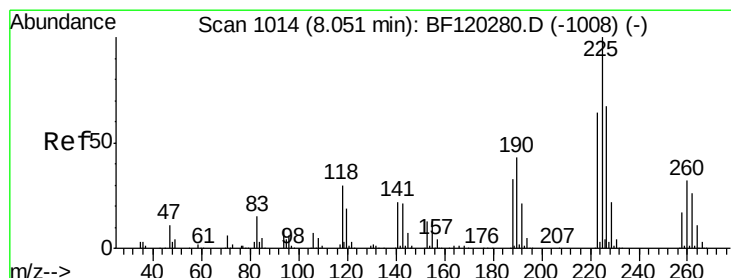
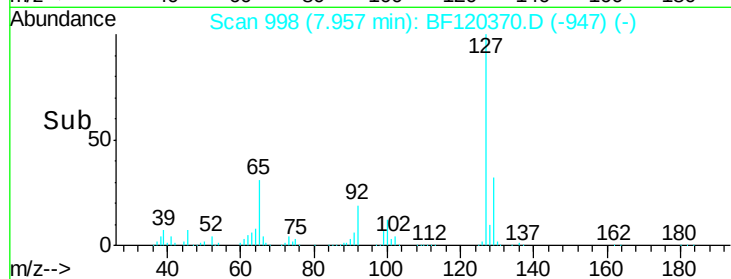
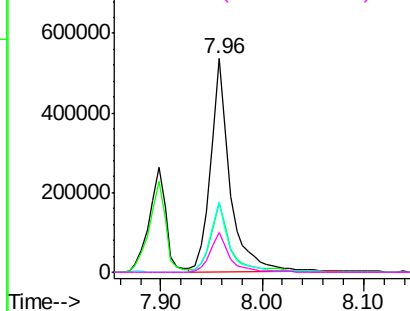
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 713660 |       |       |
| 129     | 32.2  | 26.4   | 39.6  |       |
| 65      | 32.8  | 24.8   | 37.2  |       |
| 92      | 18.9  | 14.5   | 21.7  |       |

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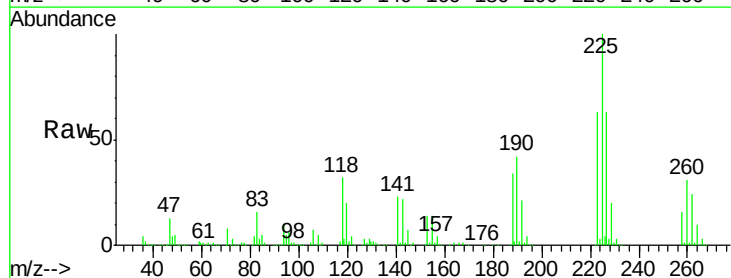


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

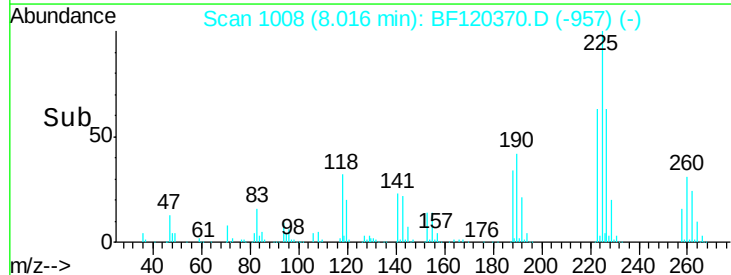
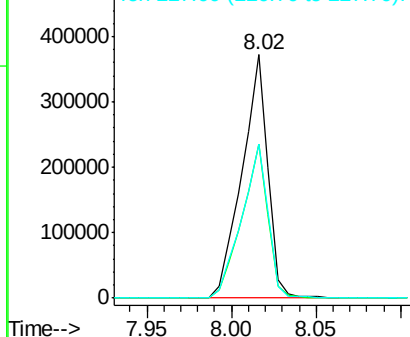


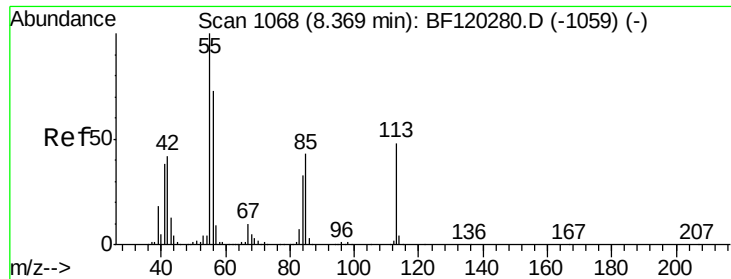
#34  
Hexachlorobutadiene  
Concen: 43.83 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 399949 |       |       |
| 223     | 63.3  | 51.4   | 77.0  |       |
| 227     | 63.1  | 54.0   | 81.0  |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





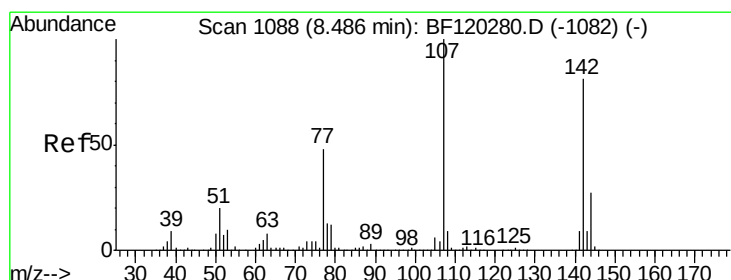
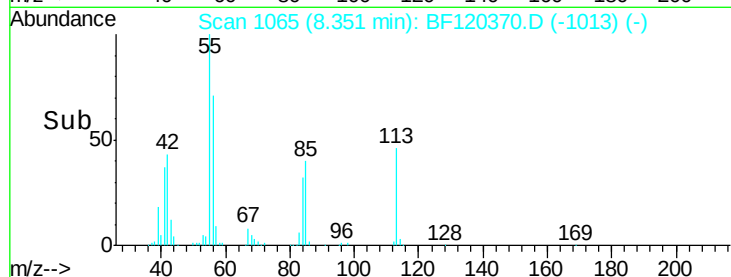
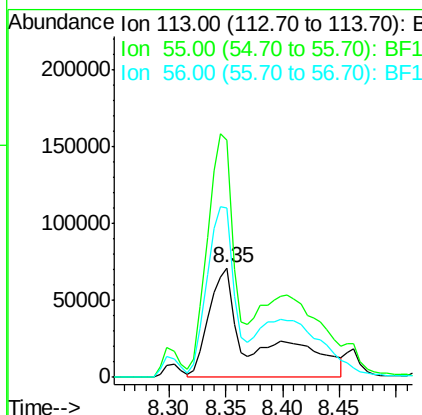
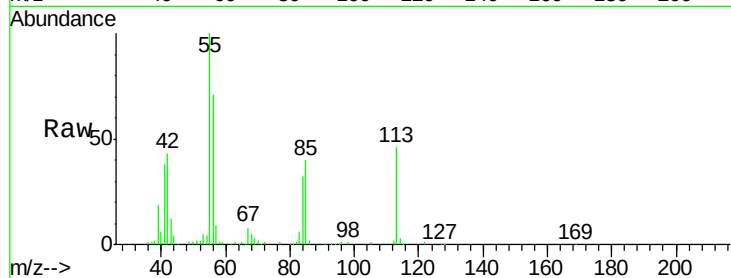
#35  
 Caprolactam  
 Concen: 43.35 ng m  
 RT: 8.35 min Scan# 1065  
 Delta R.T. 0.01 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129015BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 202054 |       |       |
| 55      | 216.4 | 190.4  | 230.4 |       |
| 56      | 154.1 | 132.7  | 172.7 |       |

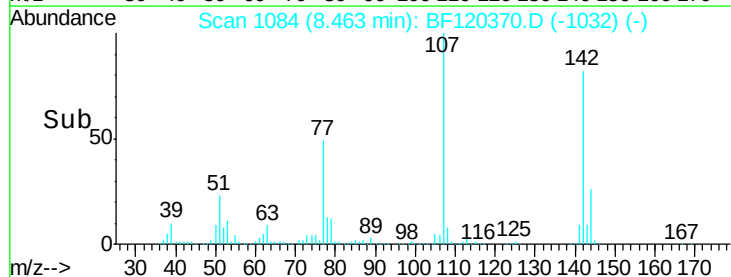
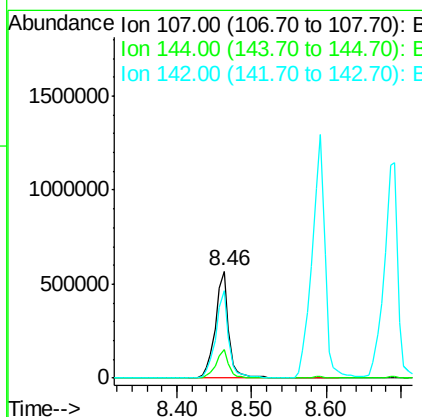
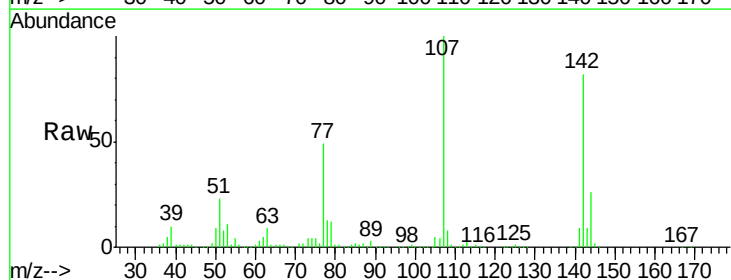
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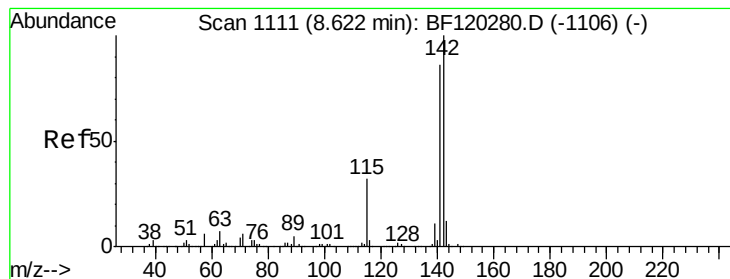
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#36  
 4-Chloro-3-methylphenol  
 Concen: 45.81 ng  
 RT: 8.46 min Scan# 1084  
 Delta R.T. 0.01 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 706016 |       |       |
| 144     | 26.4  | 21.4   | 32.2  |       |
| 142     | 81.7  | 65.1   | 97.7  |       |





#37

2-Methylnaphthalene

Concen: 46.27 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

ClientSampleId :

PB129015BS

Tgt Ion:142 Resp: 1550070

Ion Ratio Lower Upper

142 100

141 88.7 68.8 103.2

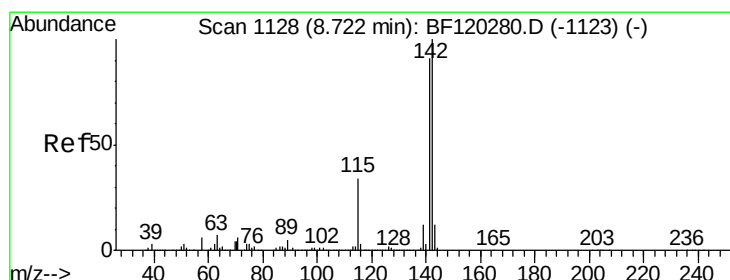
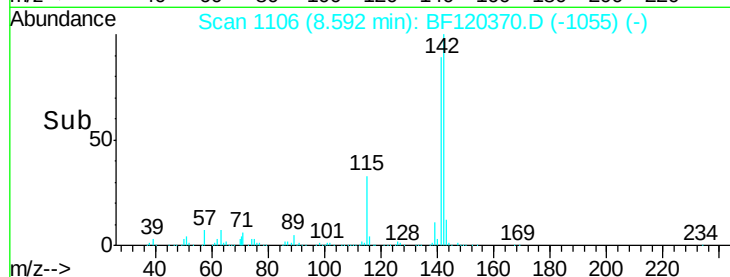
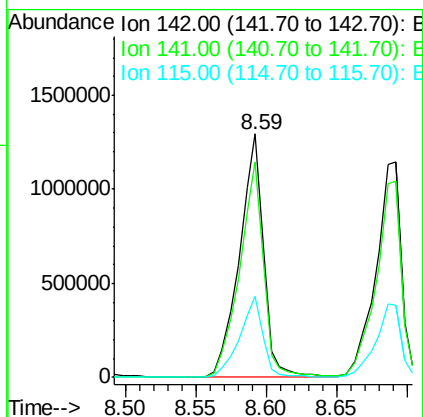
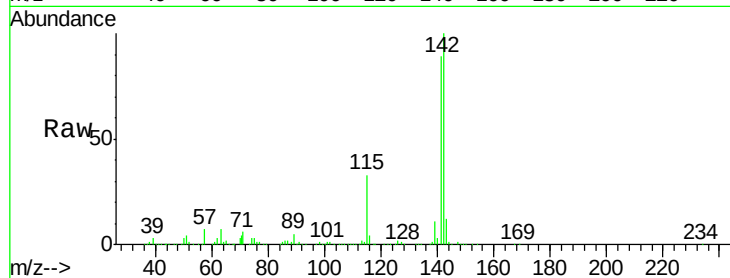
115 33.4 25.7 38.5

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#38

1-Methylnaphthalene

Concen: 45.76 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

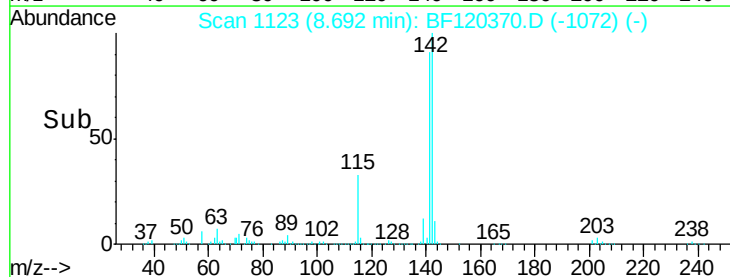
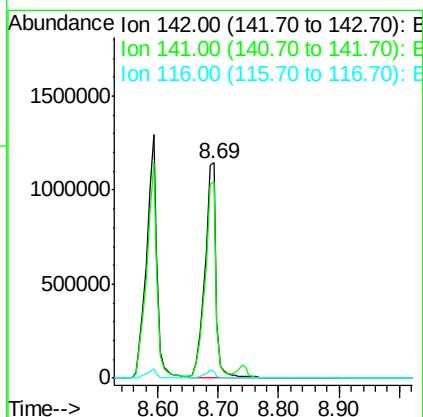
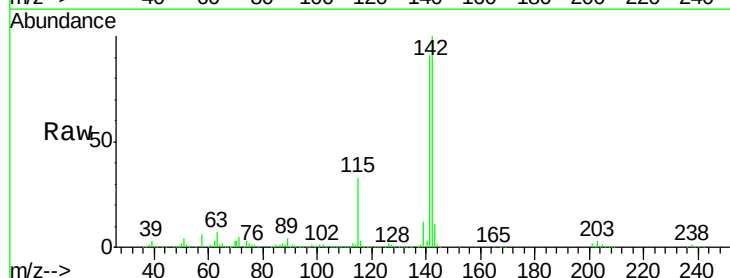
Tgt Ion:142 Resp: 1486908

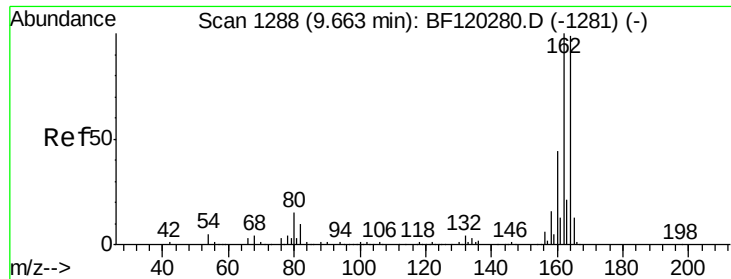
Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.6

116 3.3 2.7 4.1





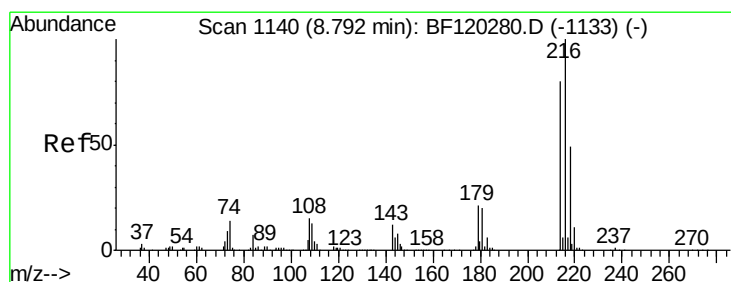
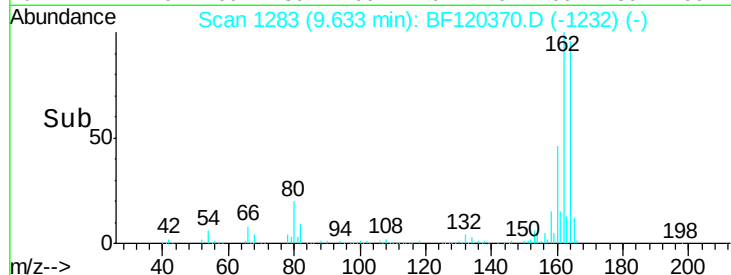
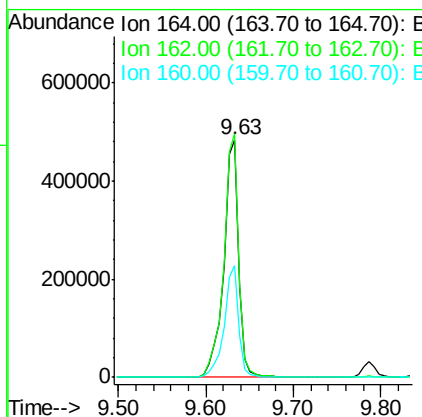
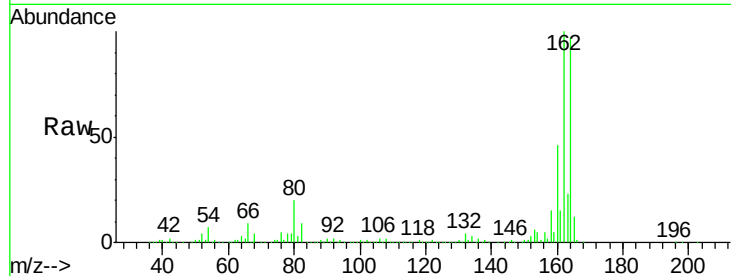
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 577867 |       |       |
| 162     | 102.6 | 81.2   | 121.8 |       |
| 160     | 47.2  | 35.8   | 53.6  |       |

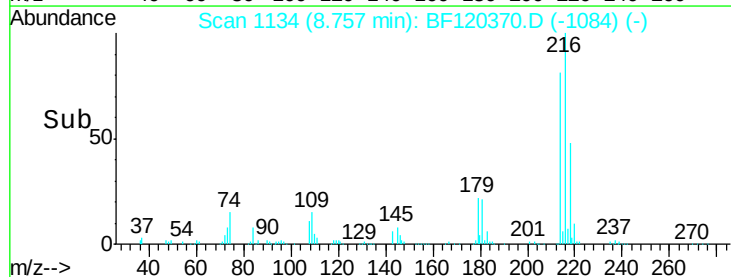
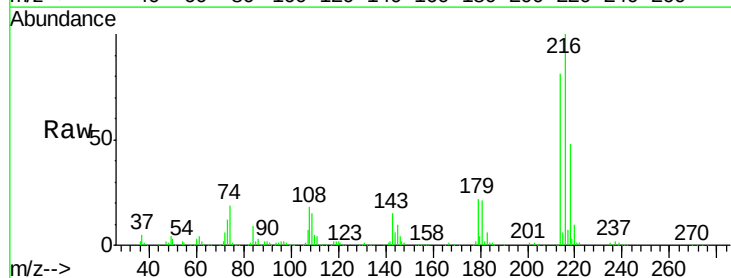
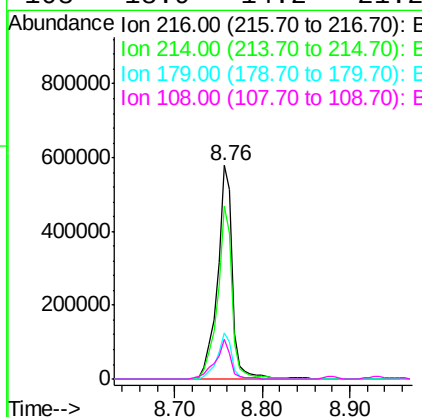
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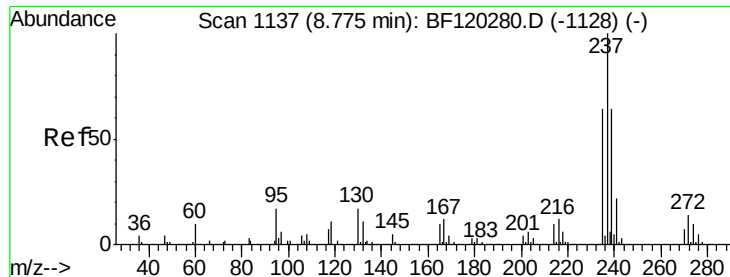


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.09 ng  
RT: 8.76 min Scan# 1134  
Delta R.T. -0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 686134 |       |       |
| 214     | 79.4  | 64.0   | 96.0  |       |
| 179     | 21.1  | 16.9   | 25.3  |       |
| 108     | 18.9  | 14.2   | 21.2  |       |







#41

Hexachlorocyclopentadiene

Concen: 93.62 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

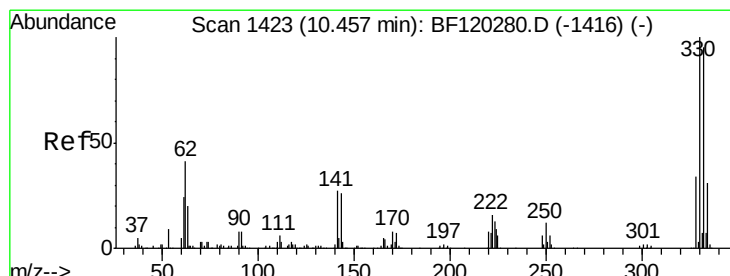
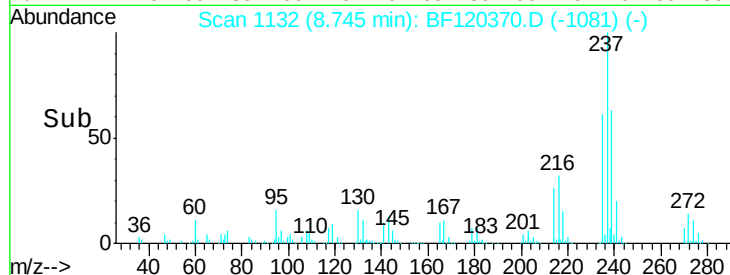
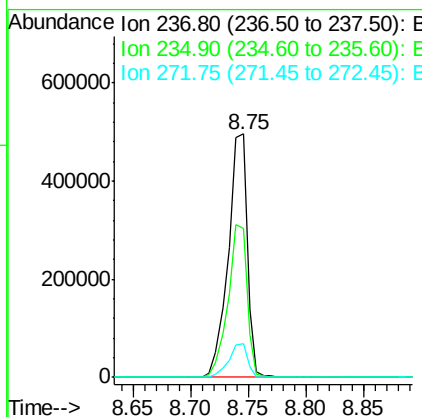
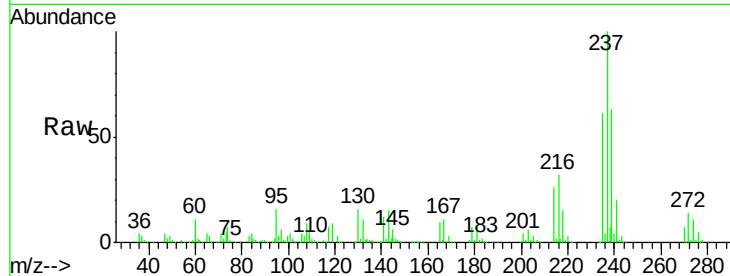
ClientSampleId :

PB129015BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 570101 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.1  | 43.8  | 83.8   |
| 272       | 13.8  | 0.0   | 33.9   |

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#42

2,4,6-Tribromophenol

Concen: 130.41 ng

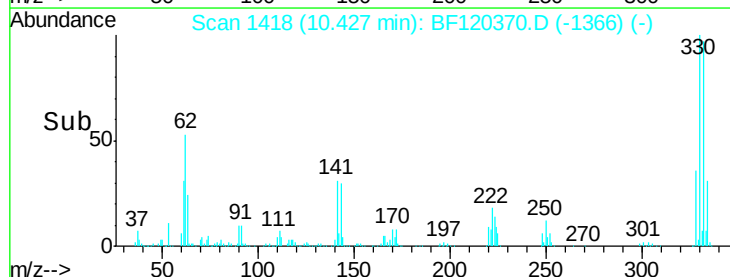
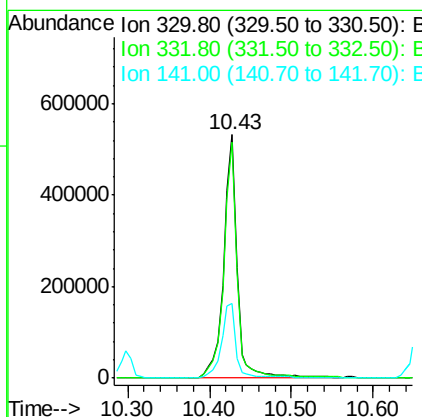
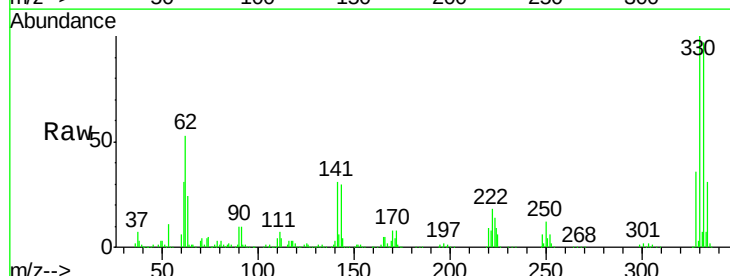
RT: 10.43 min Scan# 1418

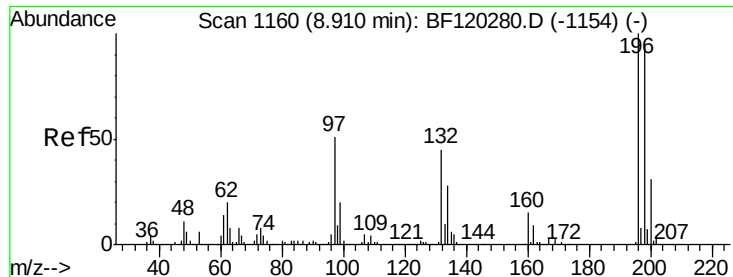
Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 614439 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.3  | 76.5  | 114.7  |
| 141       | 32.5  | 25.4  | 38.0   |





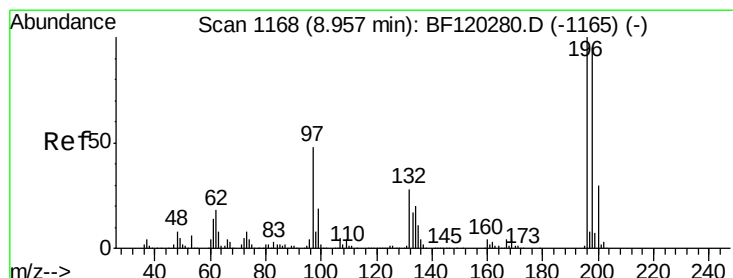
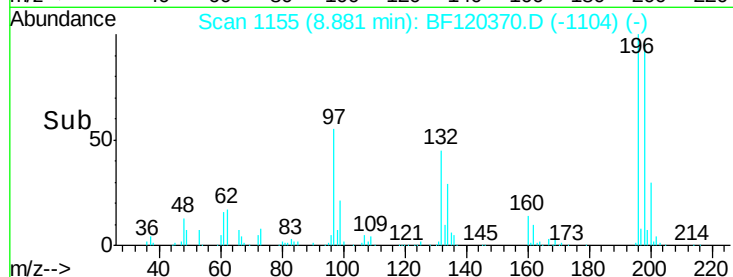
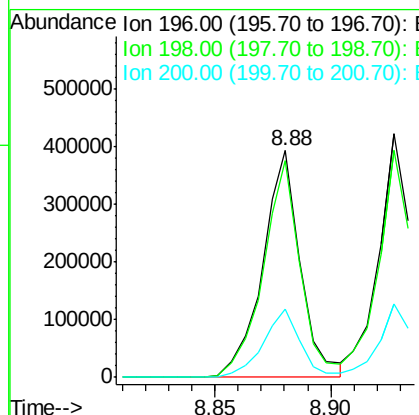
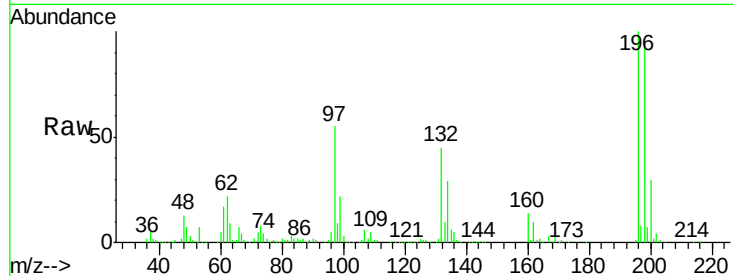
#43  
 2,4,6-Trichlorophenol  
 Concen: 45.66 ng  
 RT: 8.88 min Scan# 1155  
 Delta R.T. 0.00 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129015BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 446552 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.6  | 76.2  | 114.4  |
| 200       | 30.2  | 24.9  | 37.3   |

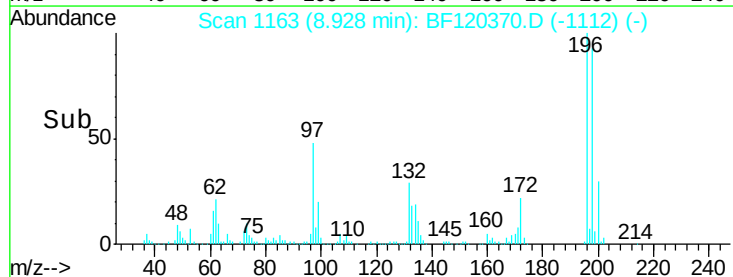
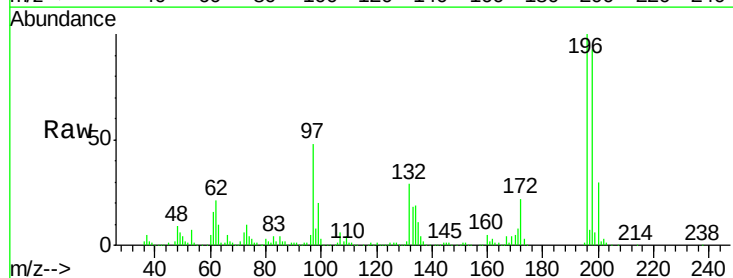
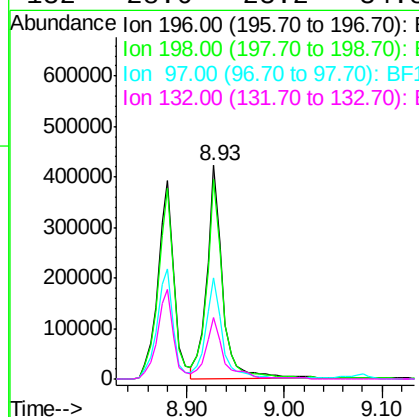
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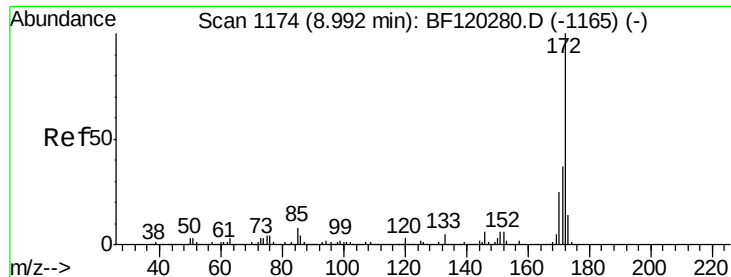
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 41.49 ng  
 RT: 8.93 min Scan# 1163  
 Delta R.T. 0.00 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 466051 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 93.2  | 76.2  | 114.4  |
| 97        | 47.6  | 38.6  | 57.8   |
| 132       | 28.6  | 23.2  | 34.8   |





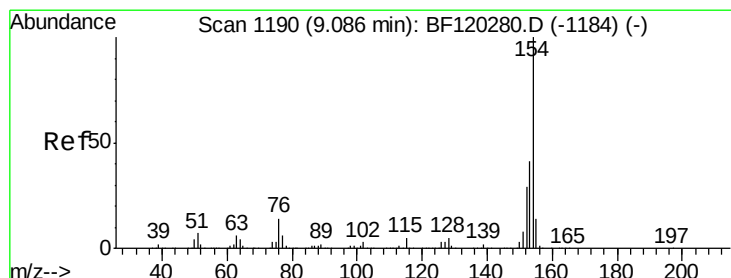
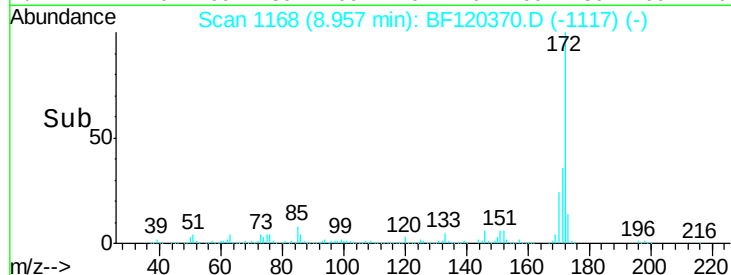
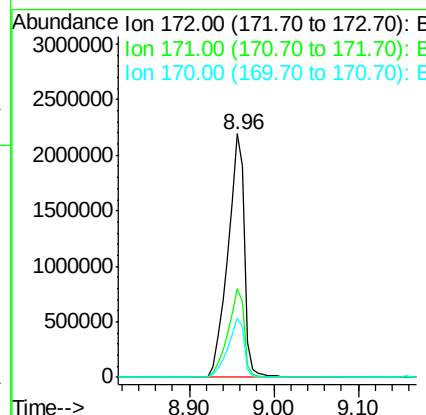
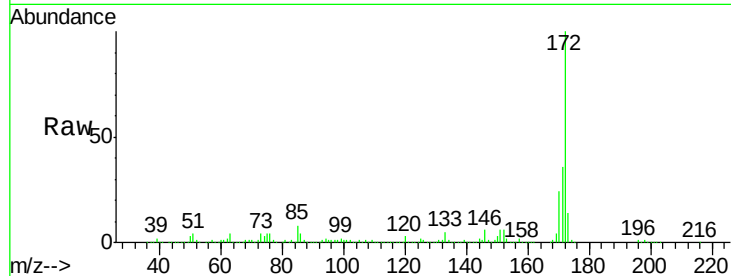
#45  
 2-Fluorobiphenyl  
 Concen: 105.88 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. 0.00 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129015BS

Tgt Ion:172 Resp: 2978078  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 29.7 44.5  
 170 24.4 19.9 29.9

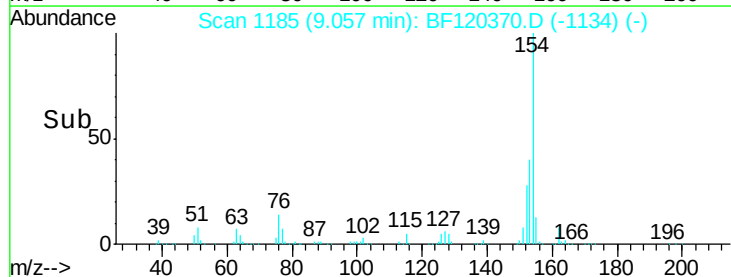
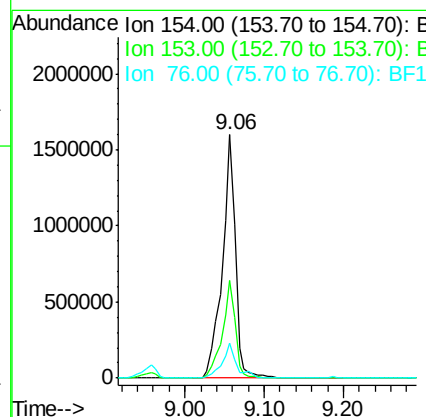
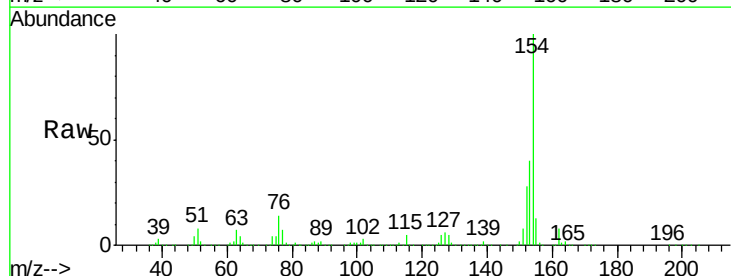
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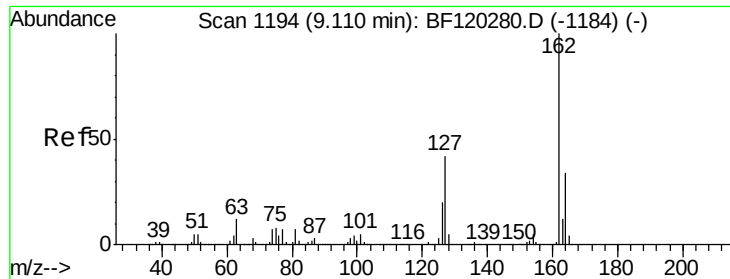
mohammad  
 5/21/2020 10:22:57 AM



#46  
 1,1'-Biphenyl  
 Concen: 48.83 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. 0.00 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Tgt Ion:154 Resp: 1848831  
 Ion Ratio Lower Upper  
 154 100  
 153 40.2 20.8 60.8  
 76 14.2 0.0 34.3





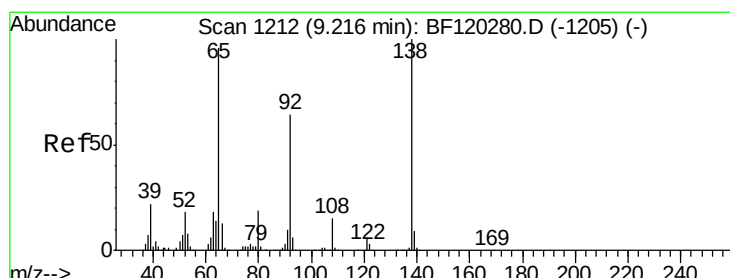
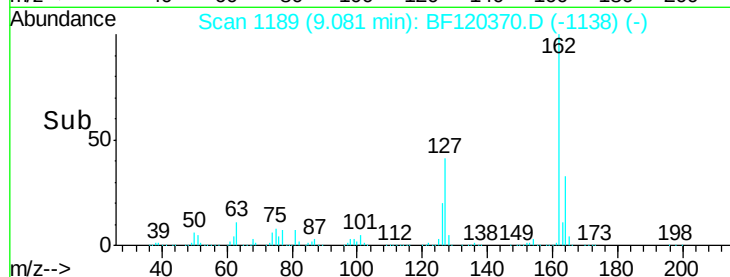
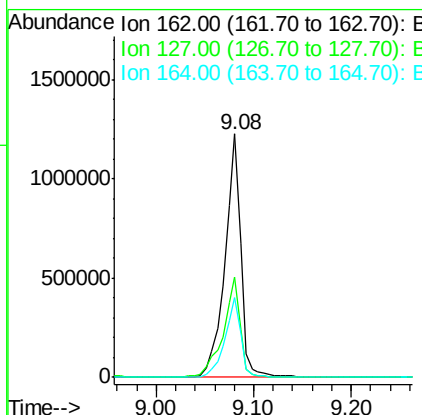
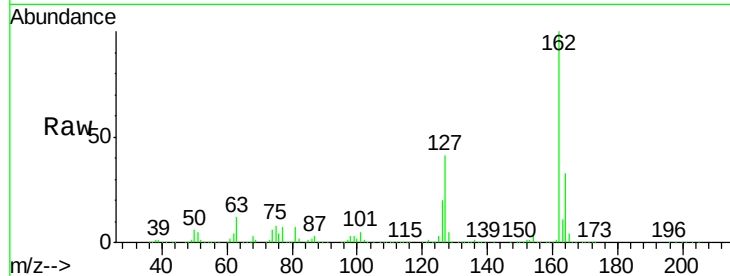
#47  
 2-Chloronaphthalene  
 Concen: 45.63 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. 0.00 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129015BS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 162   | Resp: | 1385715 |
| Ion Ratio | Lower | Upper |         |
| 162       | 100   |       |         |
| 127       | 41.1  | 33.4  | 50.0    |
| 164       | 33.0  | 27.0  | 40.6    |

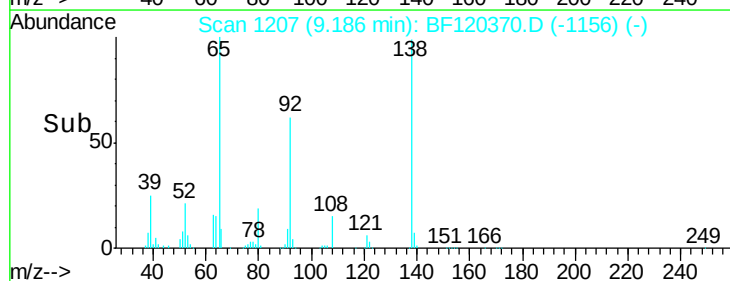
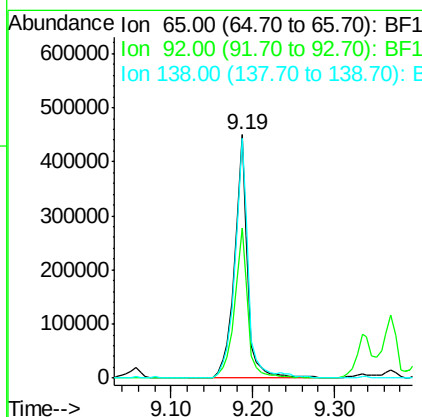
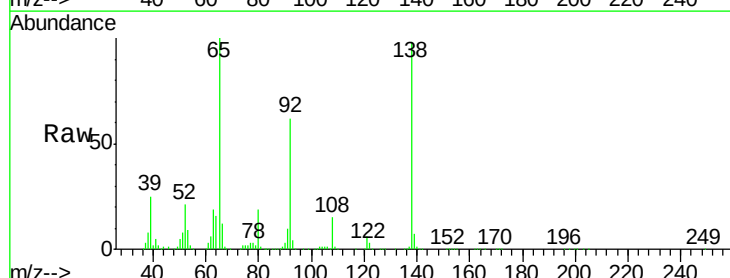
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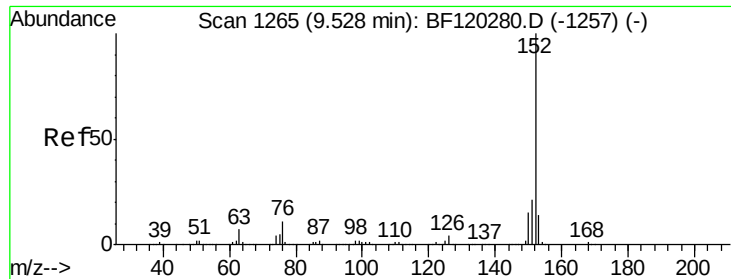
mohammad  
 5/21/2020 10:22:57 AM



#48  
 2-Nitroaniline  
 Concen: 45.50 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. 0.00 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 504162 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 61.9  | 52.9  | 79.3   |
| 138       | 98.4  | 83.0  | 124.4  |





#49

Acenaphthylene

Concen: 46.91 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

ClientSampleId :

PB129015BS

Tgt Ion:152 Resp: 2176106

Ion Ratio Lower Upper

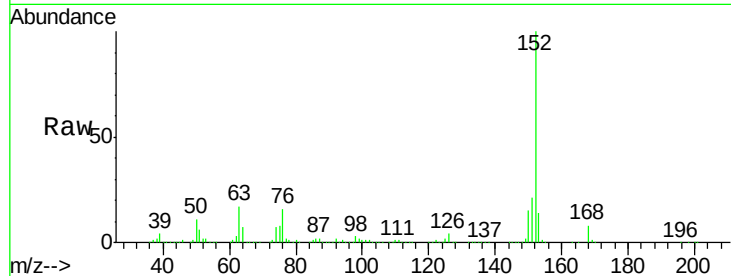
152 100

151 20.7 16.6 25.0

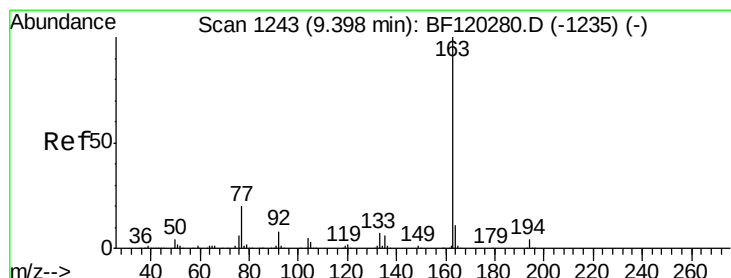
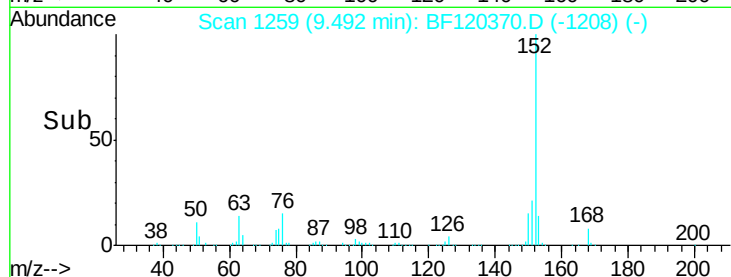
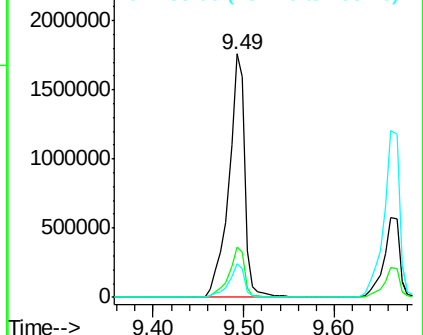
153 13.8 11.1 16.7

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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: 43.91 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

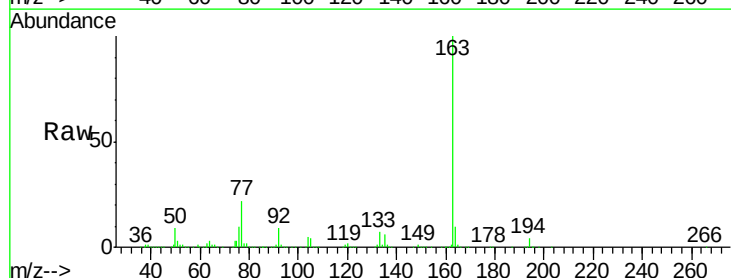
Tgt Ion:163 Resp: 1603836

Ion Ratio Lower Upper

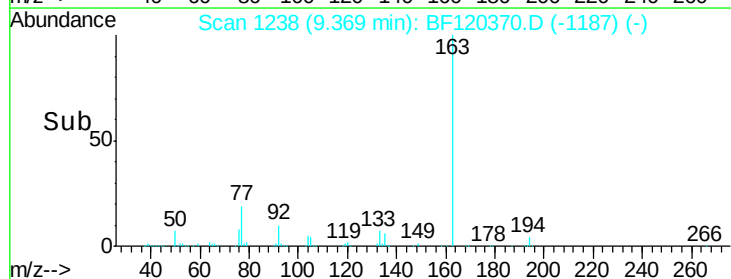
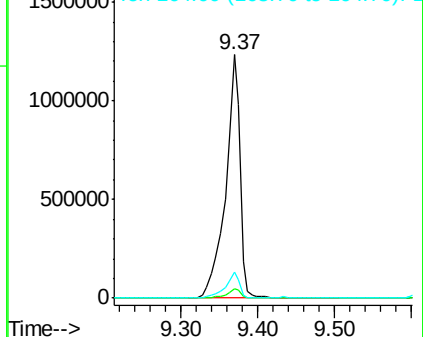
163 100

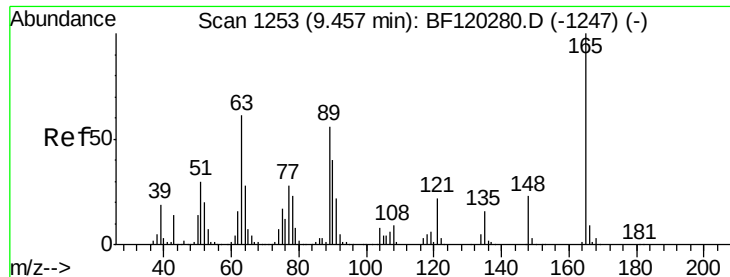
194 3.7 3.1 4.7

164 10.4 8.6 12.8



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





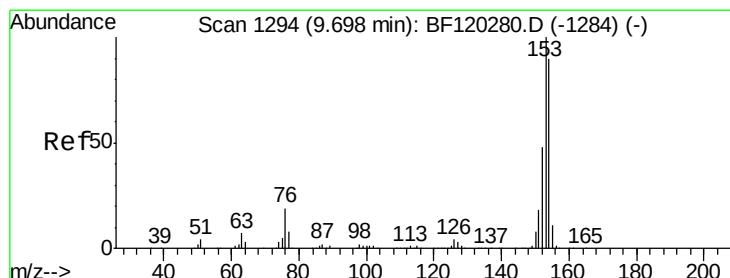
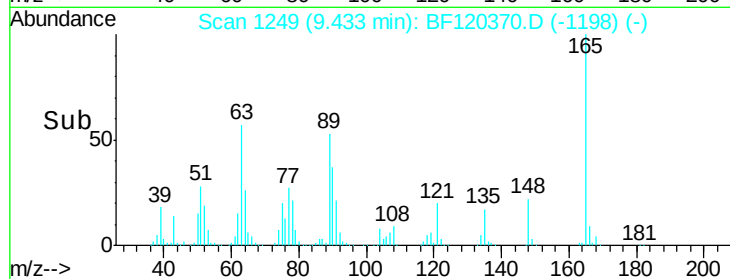
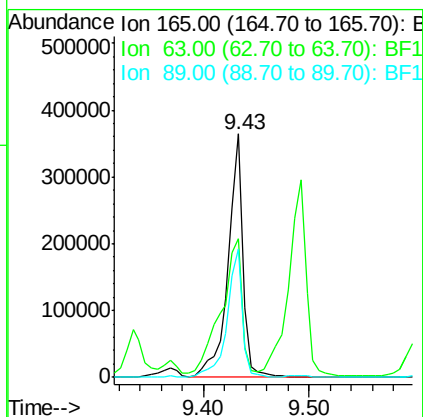
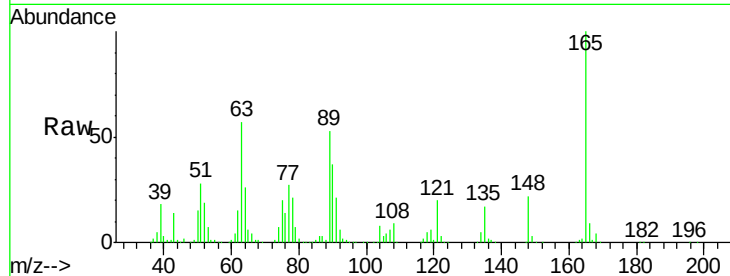
#51  
2,6-Dinitrotoluene  
Concen: 43.29 ng  
RT: 9.43 min Scan# 1249  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 352931 |       |       |
| 63      | 57.1  | 50.2   | 75.2  |       |
| 89      | 52.6  | 44.6   | 66.8  |       |

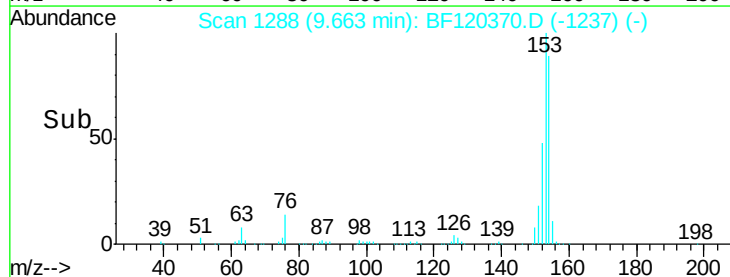
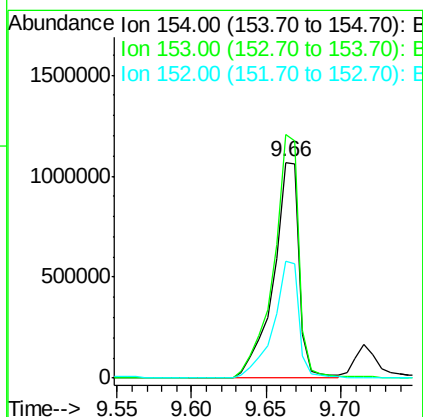
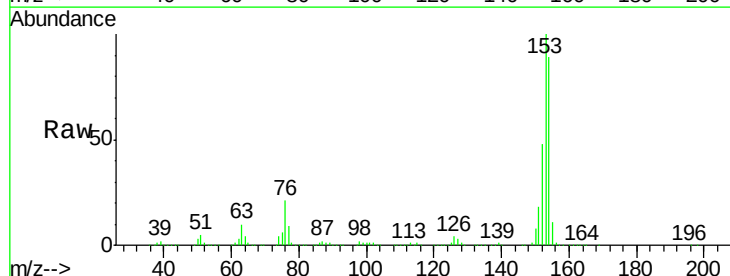
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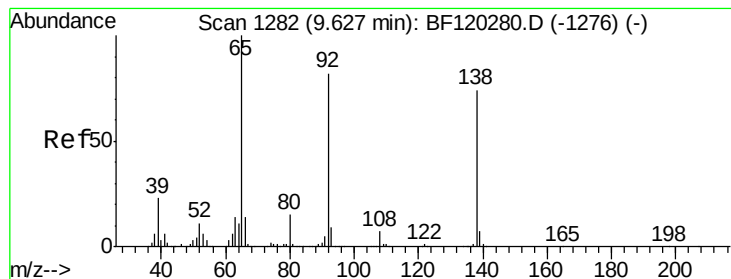
mohammad  
5/21/2020 10:22:57 AM



#52  
Acenaphthene  
Concen: 46.29 ng  
RT: 9.66 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1287199 |       |       |
| 153     | 112.7 | 89.0    | 133.4 |       |
| 152     | 53.9  | 42.6    | 64.0  |       |





#53

3-Nitroaniline

Concen: 29.29 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

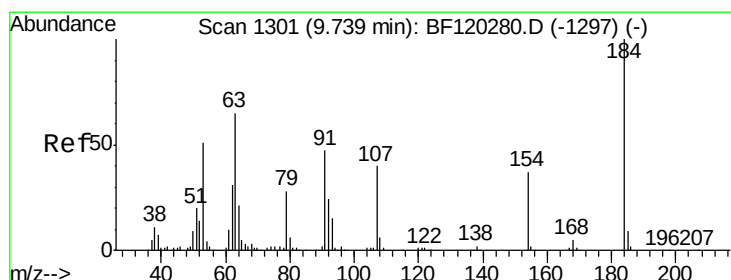
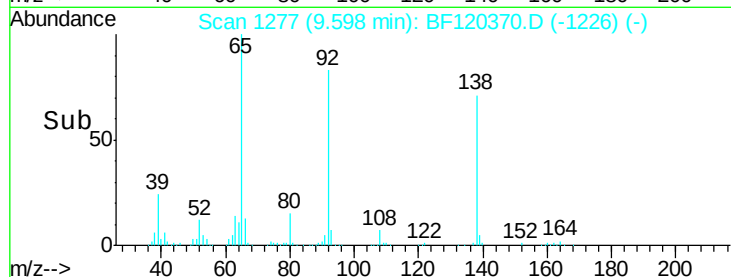
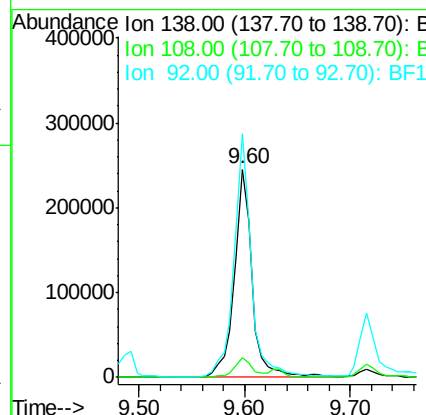
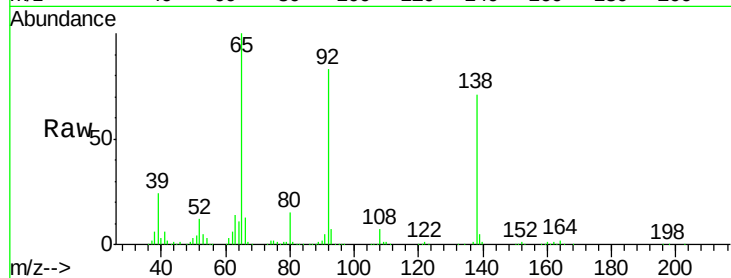
ClientSampleId :

PB129015BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 284731 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 9.7   | 8.2   | 12.2   |
| 92        | 116.9 | 89.6  | 134.4  |

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#54

2,4-Dinitrophenol

Concen: 89.57 ng

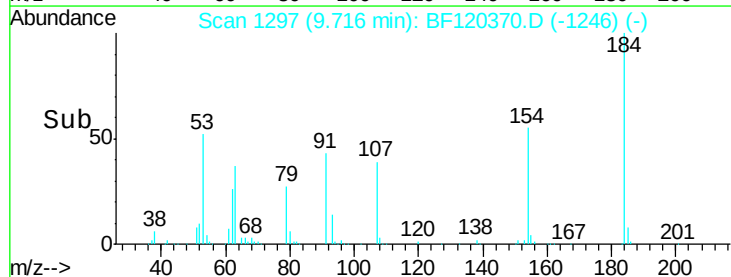
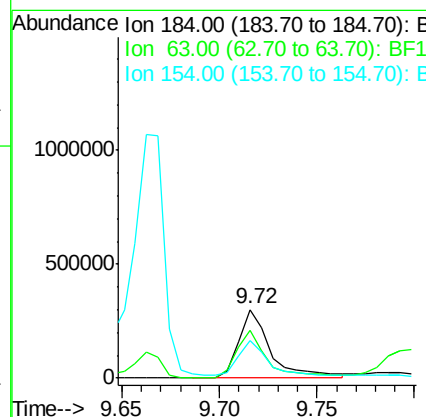
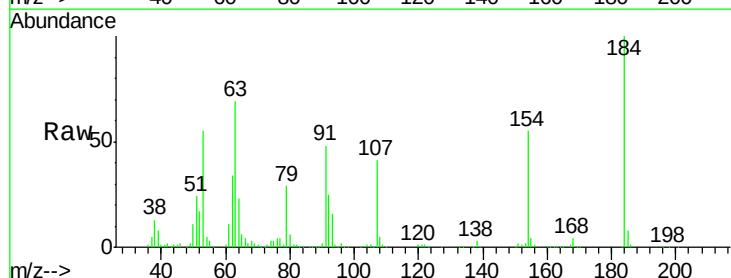
RT: 9.72 min Scan# 1297

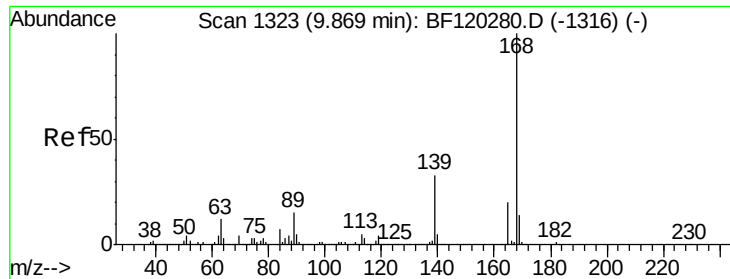
Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 344696 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 63        | 69.3  | 53.6  | 80.4   |
| 154       | 55.2  | 46.8  | 70.2   |





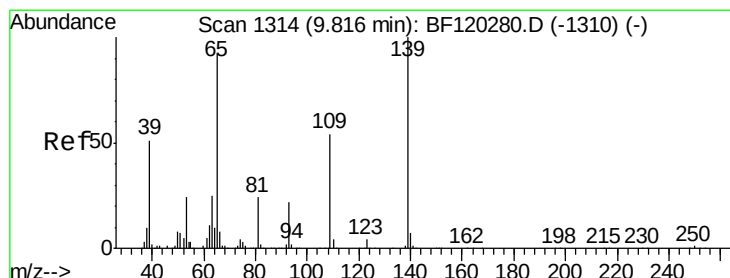
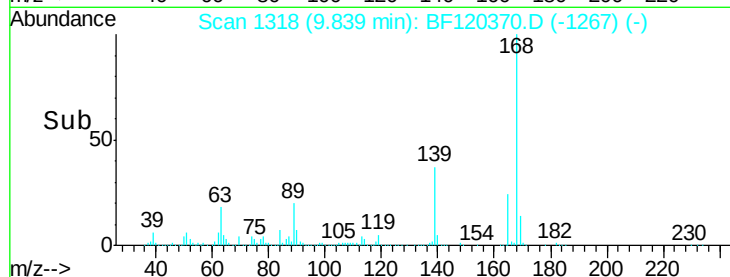
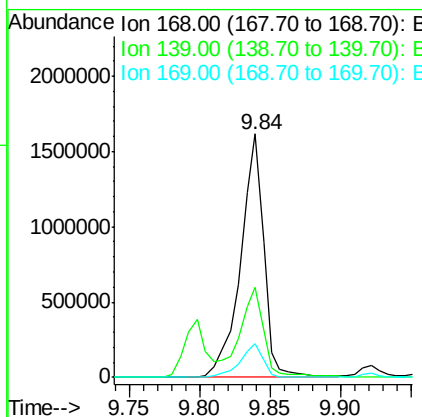
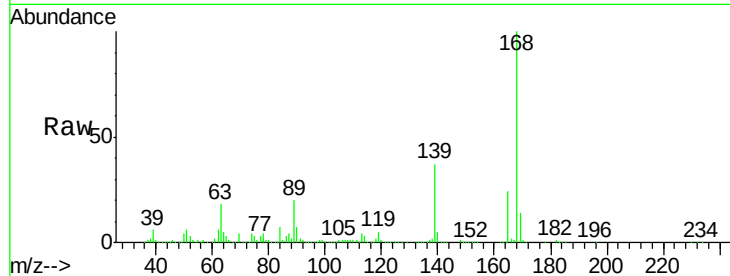
#55  
Dibenzofuran  
Concen: 46.21 ng  
RT: 9.84 min Scan# 1318  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

Tgt Ion:168 Resp: 1850583  
Ion Ratio Lower Upper  
168 100  
139 37.2 29.8 44.6  
169 13.8 11.0 16.6

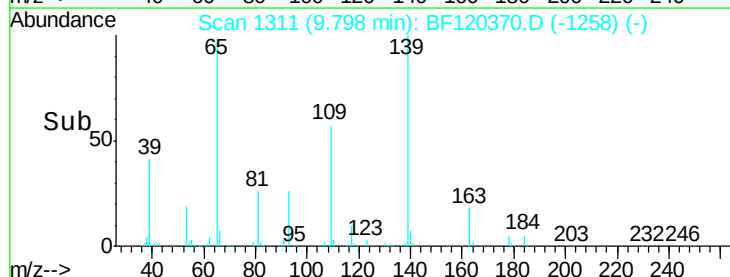
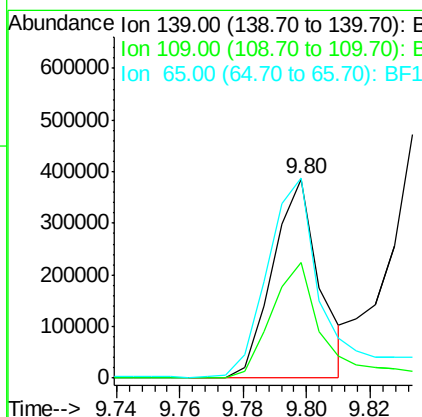
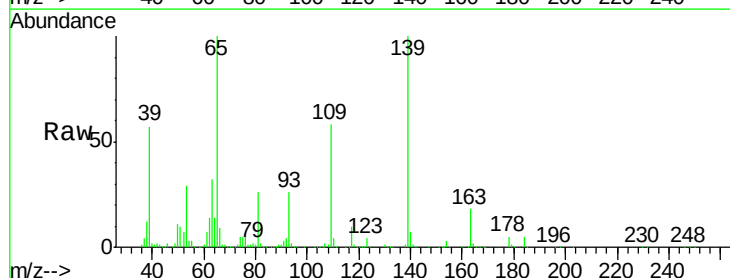
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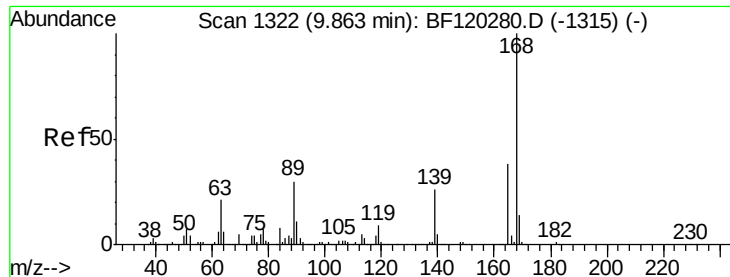


#56  
4-Nitrophenol  
Concen: 75.72 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. 0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Tgt Ion:139 Resp: 395586  
Ion Ratio Lower Upper  
139 100  
109 58.1 34.6 74.6  
65 100.2 73.3 113.3







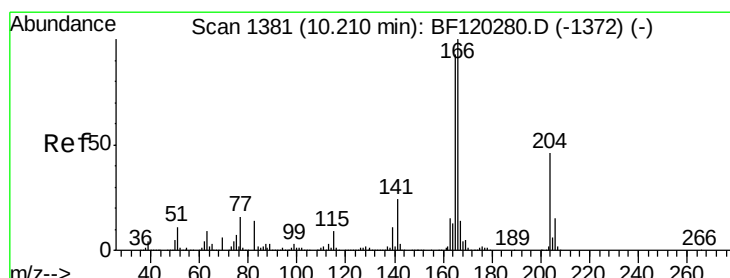
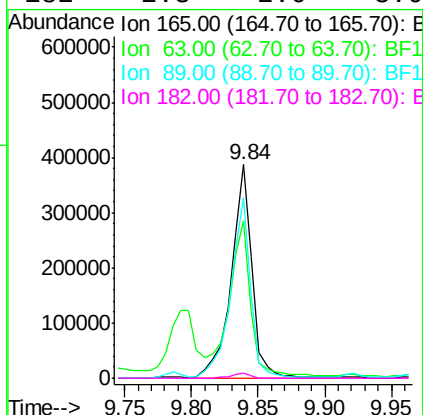
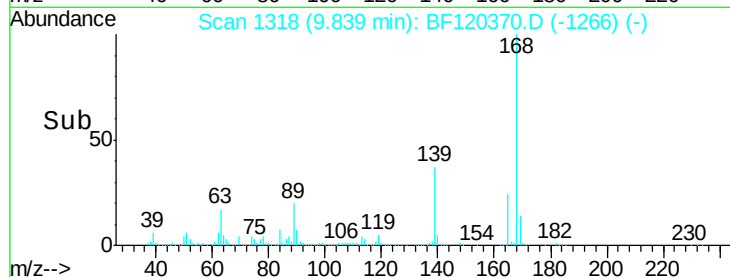
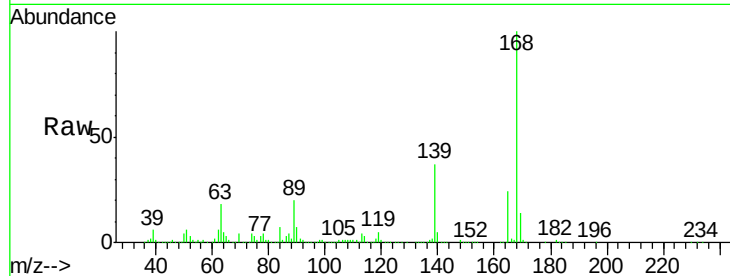
#57  
 2,4-Dinitrotoluene  
 Concen: 43.99 ng  
 RT: 9.84 min Scan# 1318  
 Delta R.T. 0.01 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129015BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 420751 |       |       |
| 63      | 73.8  | 51.8   | 77.8  |       |
| 89      | 84.8  | 64.2   | 96.4  |       |
| 182     | 2.3   | 2.0    | 3.0   |       |

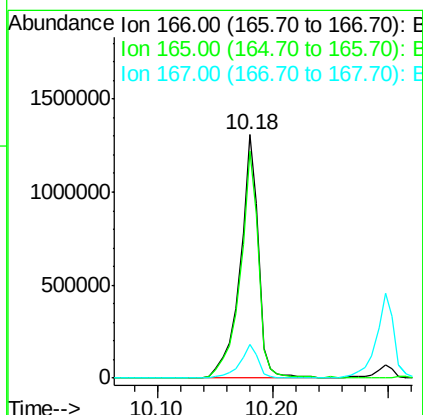
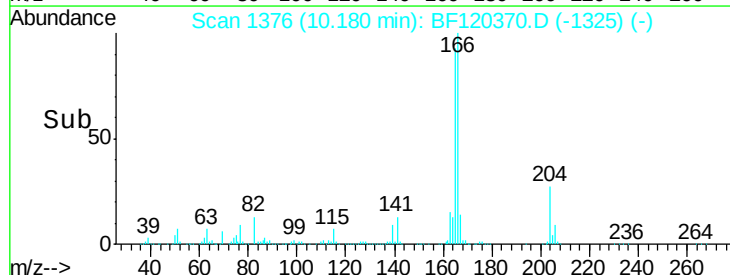
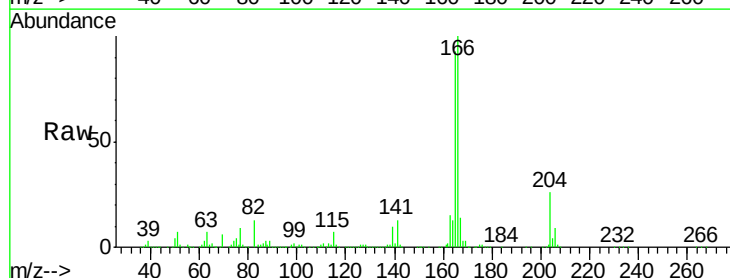
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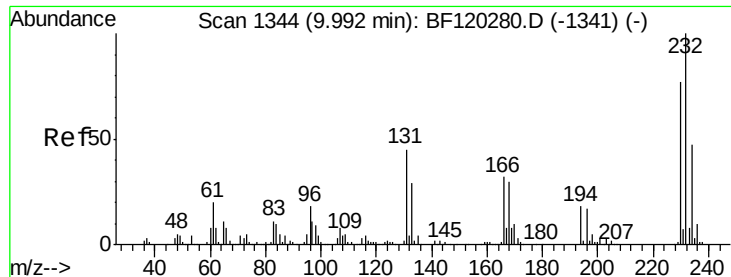
mohammad  
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#58  
 Fluorene  
 Concen: 46.91 ng  
 RT: 10.18 min Scan# 1376  
 Delta R.T. 0.00 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1430776 |       |       |
| 165     | 93.5  | 74.7    | 112.1 |       |
| 167     | 13.7  | 11.4    | 17.0  |       |





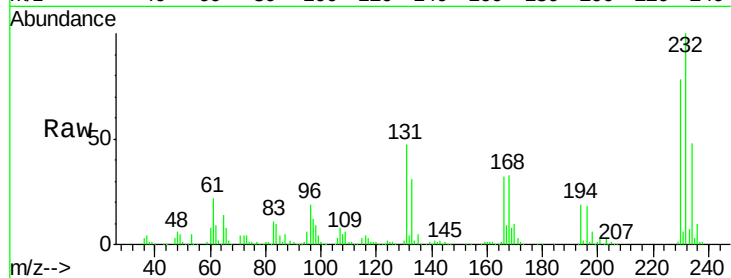
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.95 ng  
 RT: 9.96 min Scan# 1339  
 Delta R.T. 0.00 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129015BS

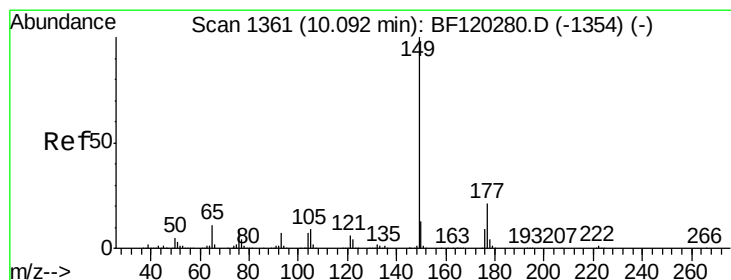
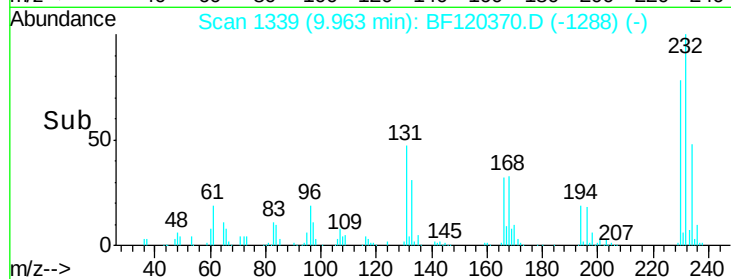
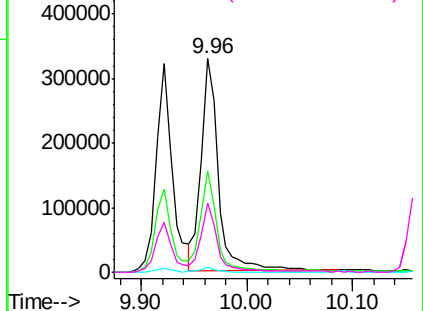
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 371557 |       |       |
| 131     | 44.9  | 34.1   | 51.1  |       |
| 130     | 2.3   | 1.7    | 2.5   |       |
| 166     | 29.5  | 23.3   | 34.9  |       |

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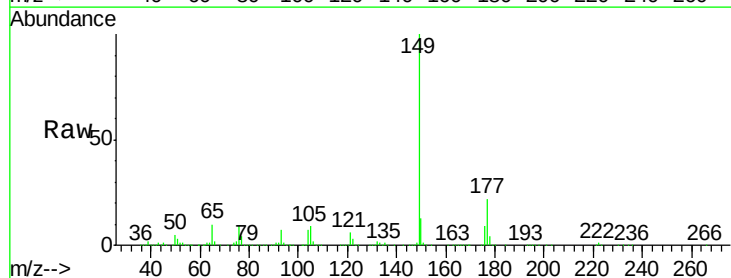


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

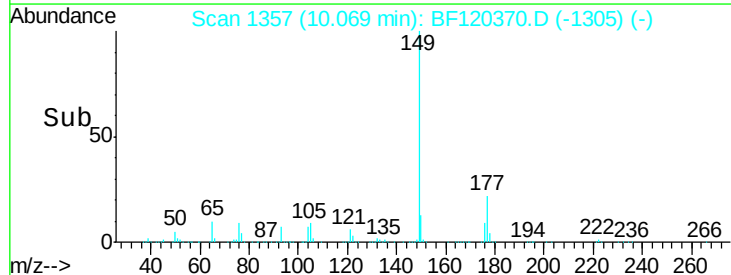
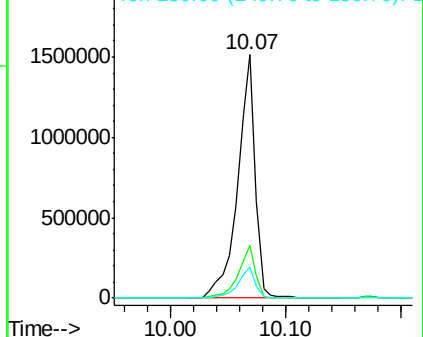


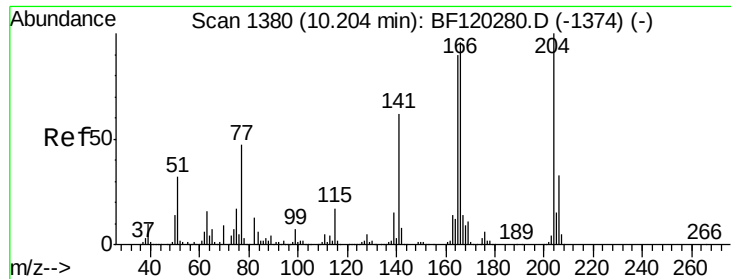
#60  
 Diethylphthalate  
 Concen: 45.24 ng  
 RT: 10.07 min Scan# 1357  
 Delta R.T. 0.01 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1595570 |       |       |
| 177     | 21.6  | 17.1    | 25.7  |       |
| 150     | 12.8  | 10.3    | 15.5  |       |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





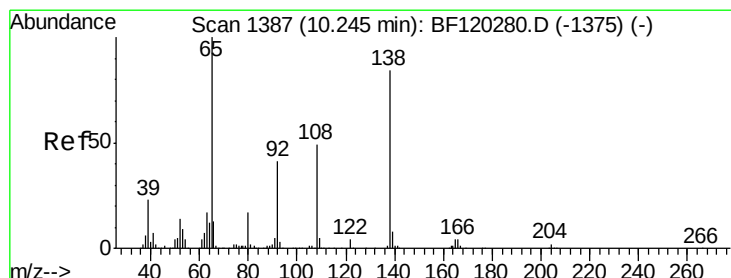
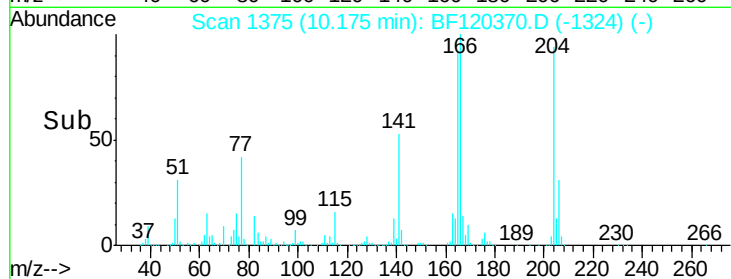
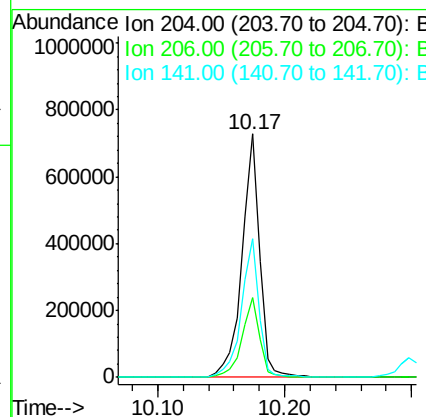
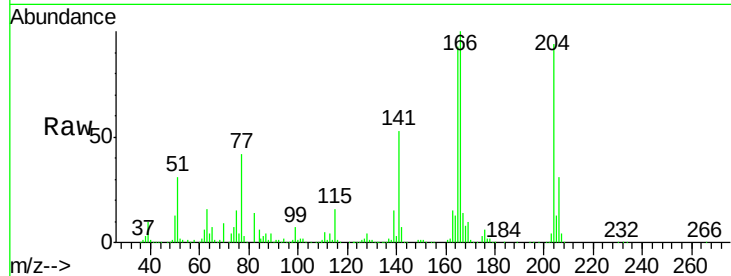
#61  
 4-Chlorophenyl-phenylether  
 Concen: 43.95 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. 0.00 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129015BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 696907 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.8  | 26.8  | 40.2   |
| 141       | 57.1  | 49.5  | 74.3   |

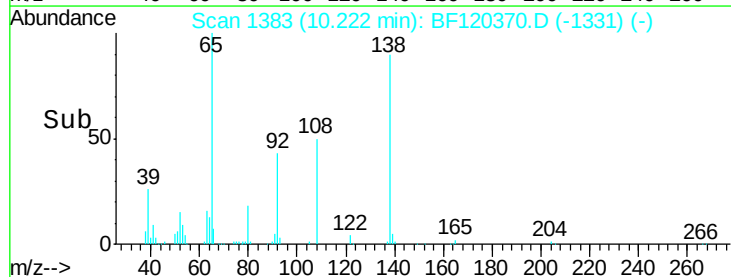
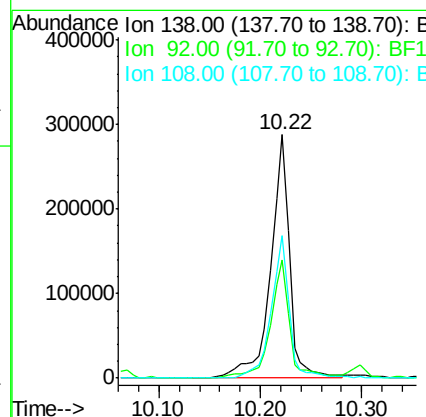
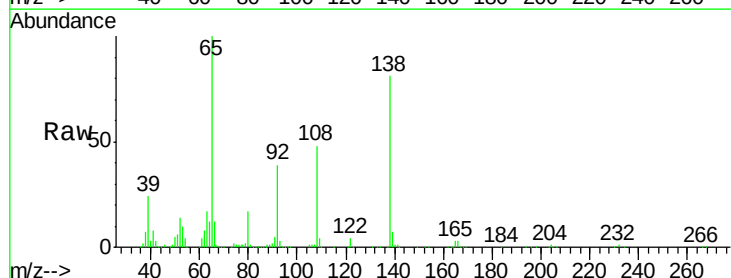
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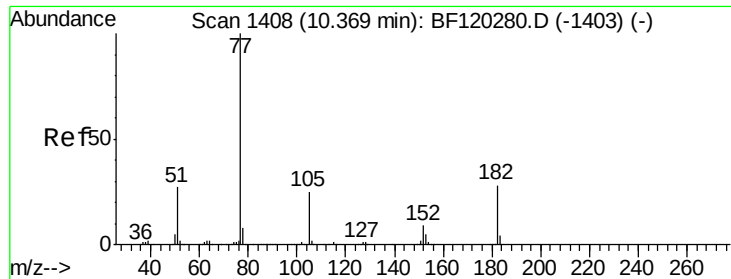
mohammad  
 5/21/2020 10:22:57 AM



#62  
 4-Nitroaniline  
 Concen: 41.38 ng  
 RT: 10.22 min Scan# 1383  
 Delta R.T. 0.01 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 374643 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 48.6  | 28.9  | 68.9   |
| 108       | 58.8  | 38.4  | 78.4   |





#63

Azobenzene

Concen: 46.86 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

ClientSampleId :

PB129015BS

Tgt Ion: 77 Resp: 1561957

Ion Ratio Lower Upper

77 100

182 23.3 7.4 47.4

105 22.9 4.4 44.4

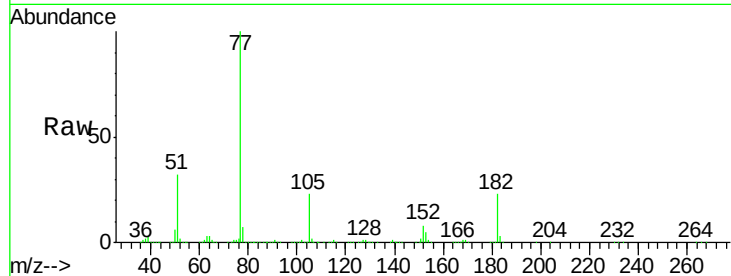
51 31.7 8.3 48.3

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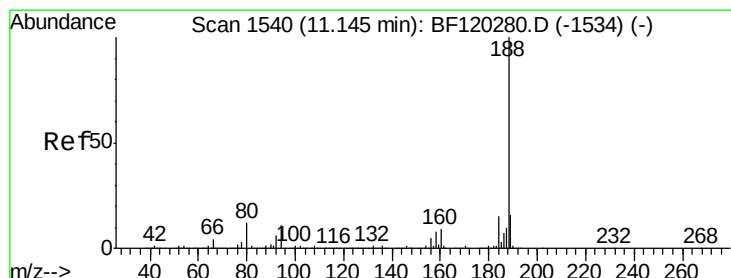
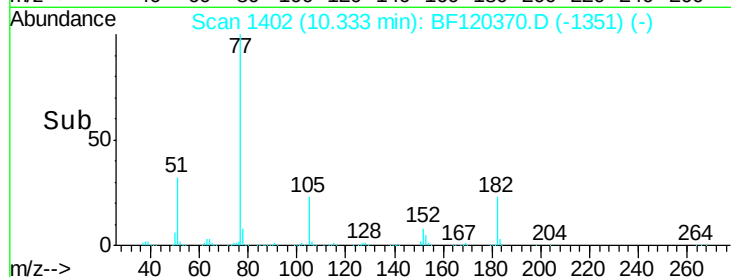
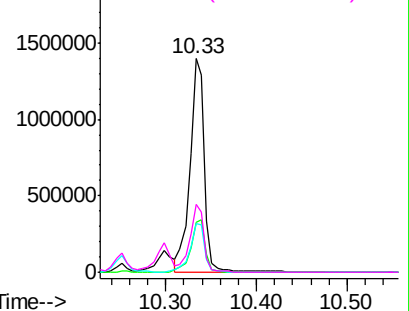


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

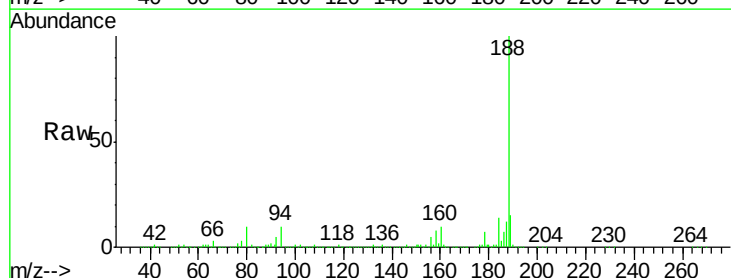
Tgt Ion: 188 Resp: 1015258

Ion Ratio Lower Upper

188 100

94 9.5 8.6 13.0

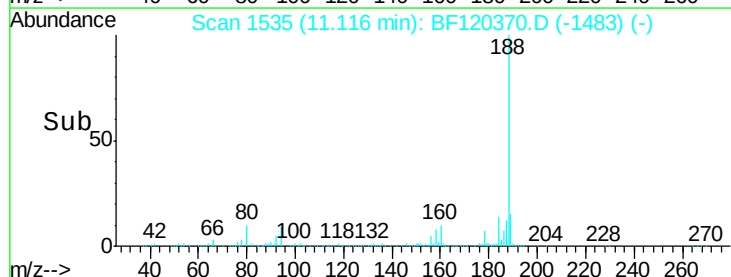
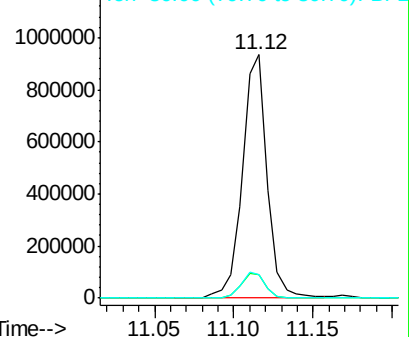
80 9.8 9.2 13.8

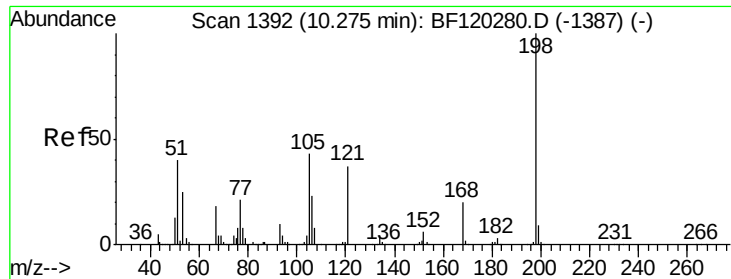


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





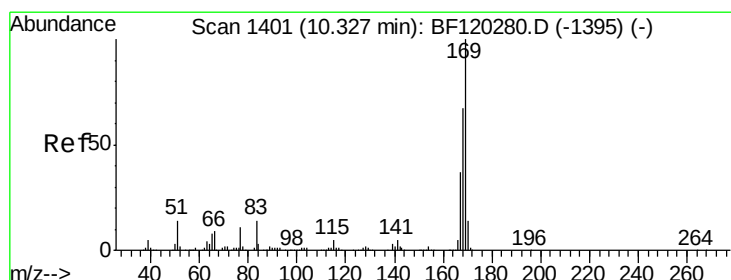
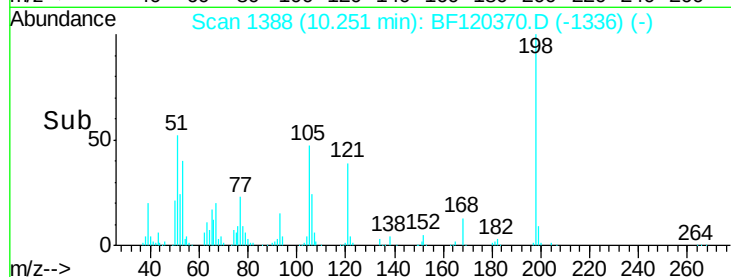
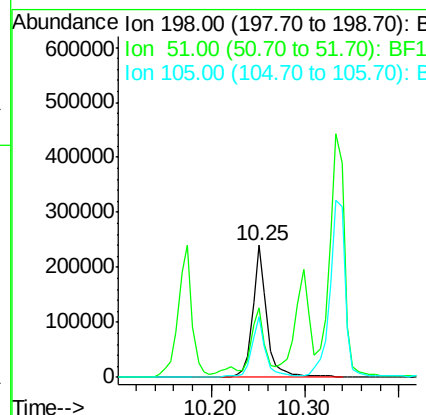
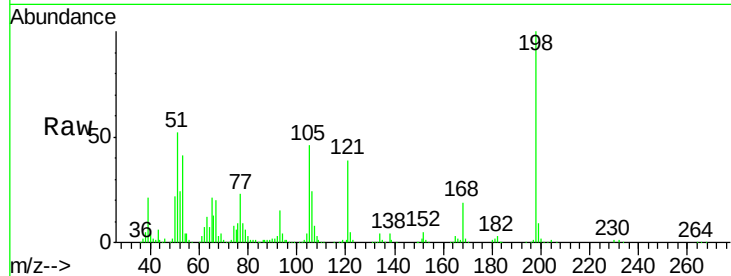
#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.19 ng  
RT: 10.25 min Scan# 1388  
Delta R.T. 0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 252559 |       |       |
| 51      | 52.3  | 27.1   | 67.1  |       |
| 105     | 46.4  | 24.3   | 64.3  |       |

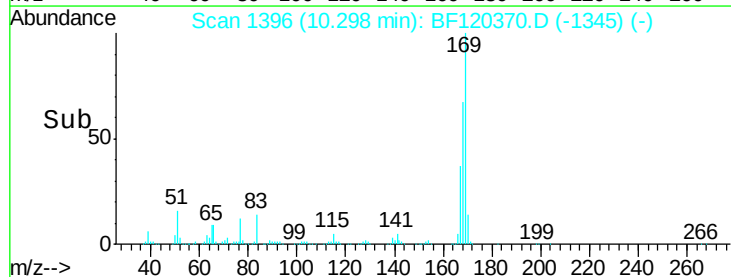
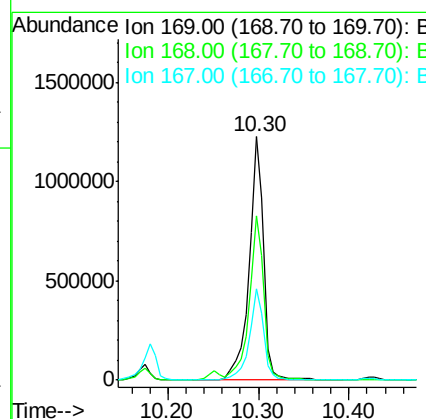
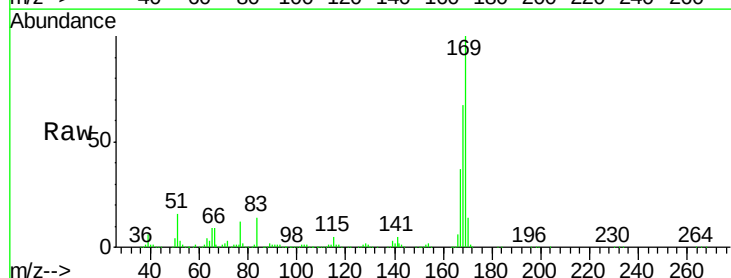
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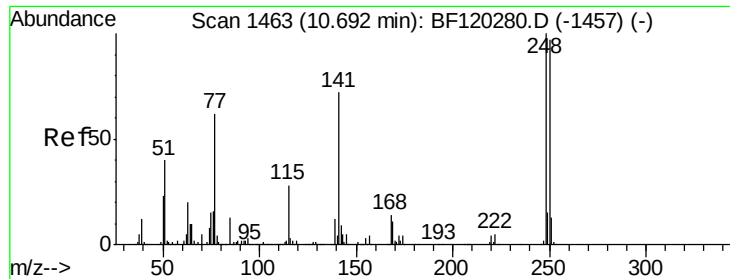
mohammad  
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#66  
n-Nitrosodiphenylamine  
Concen: 48.24 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1354830 |       |       |
| 168     | 67.3  | 53.7    | 80.5  |       |
| 167     | 37.3  | 29.8    | 44.6  |       |





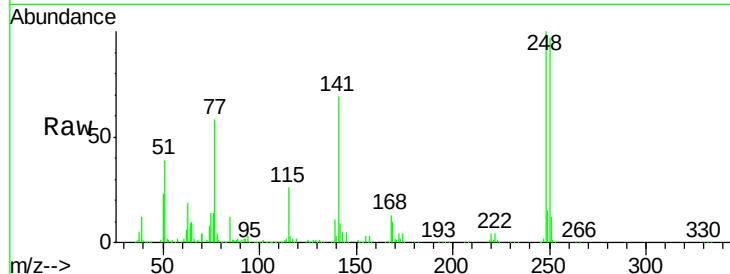
#67  
4-Bromophenyl-phenylether  
Concen: 44.52 ng  
RT: 10.66 min Scan# 1458  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

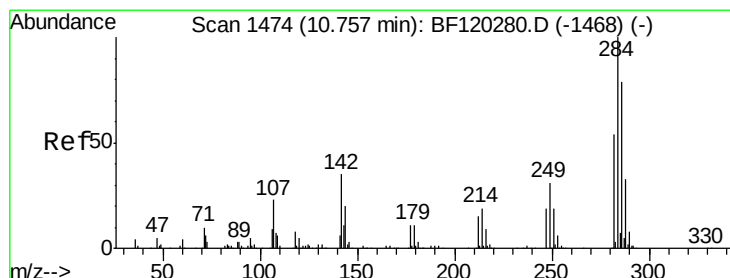
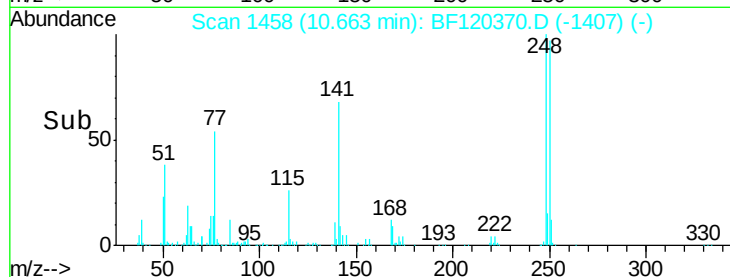
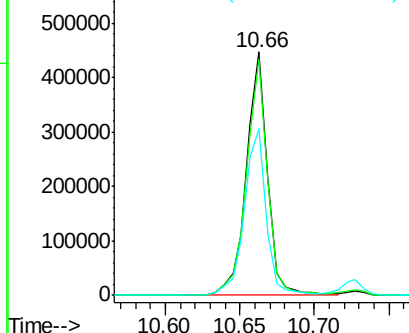
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 438573 |       |       |
| 250     | 97.0  | 77.8   | 116.6 |       |
| 141     | 68.6  | 57.7   | 86.5  |       |

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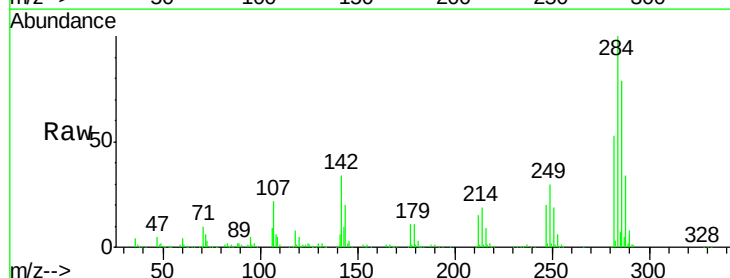


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

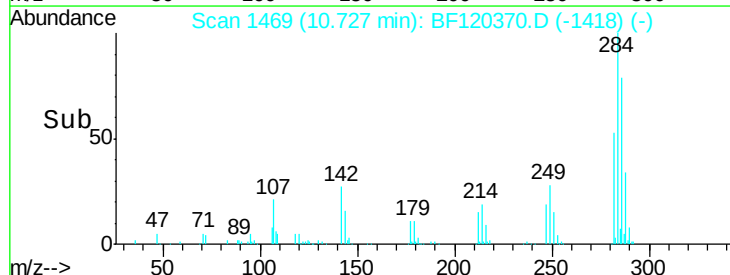
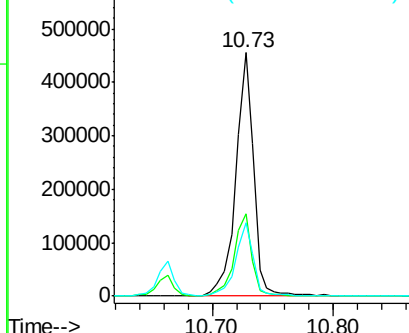


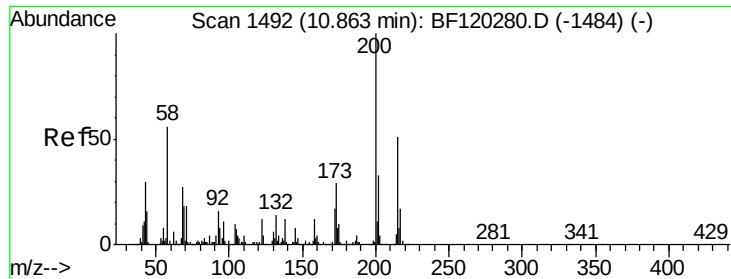
#68  
Hexachlorobenzene  
Concen: 45.71 ng  
RT: 10.73 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 471101 |       |       |
| 142     | 34.0  | 28.5   | 42.7  |       |
| 249     | 30.2  | 24.8   | 37.2  |       |



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





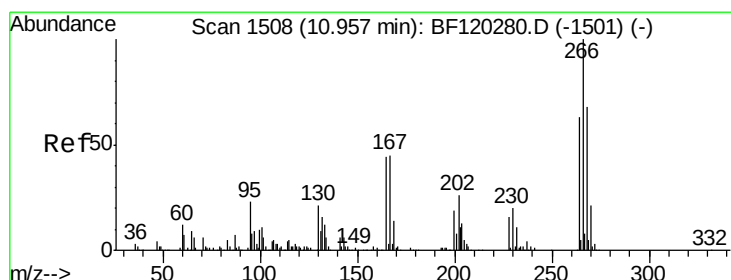
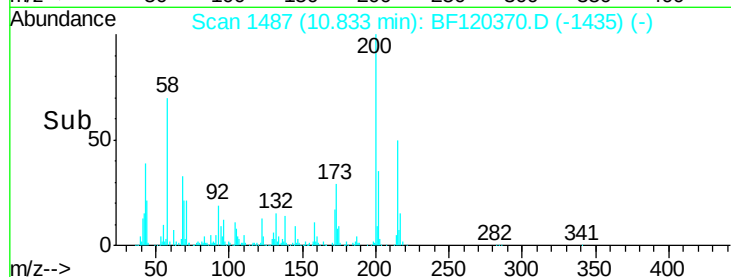
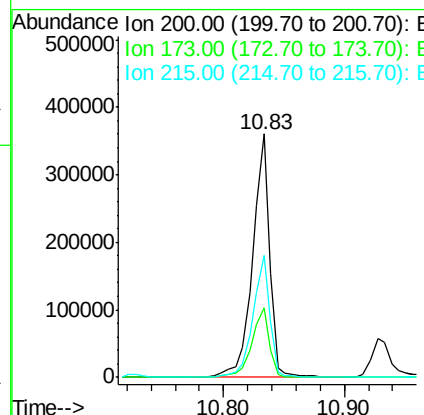
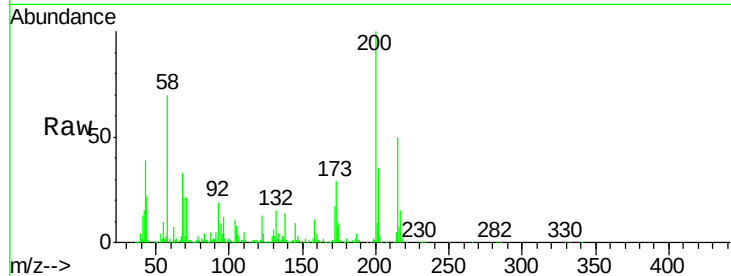
#69  
Atrazine  
Concen: 42.56 ng  
RT: 10.83 min Scan# 1487  
Delta R.T. 0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 28.8  | 8.7        | 48.7       |
| 215     | 50.2  | 30.6       | 70.6       |

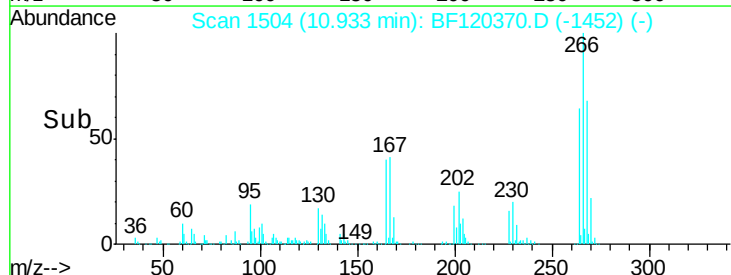
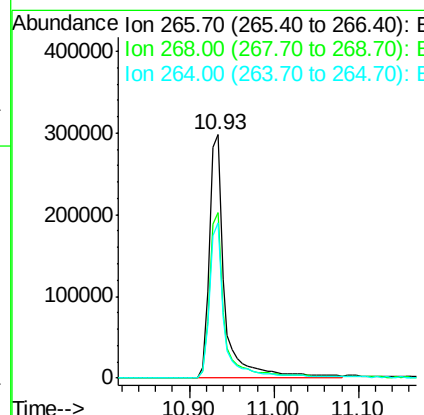
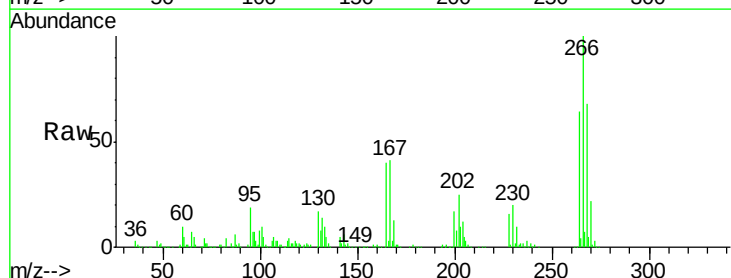
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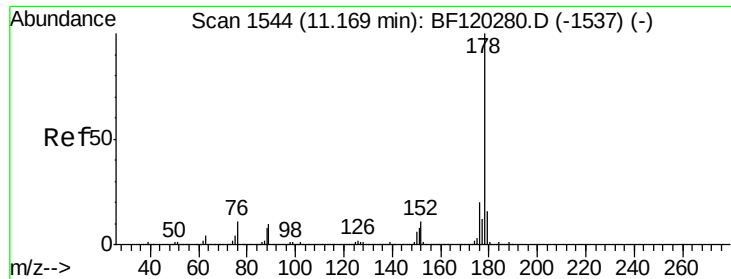
mohammad  
5/21/2020 10:22:57 AM



#70  
Pentachlorophenol  
Concen: 85.88 ng  
RT: 10.93 min Scan# 1504  
Delta R.T. 0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 68.0  | 54.2       | 81.4       |
| 264     | 63.6  | 50.2       | 75.4       |





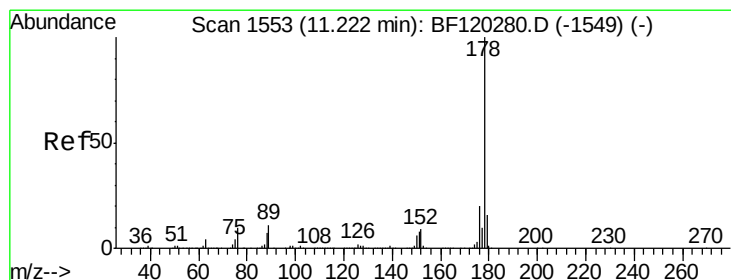
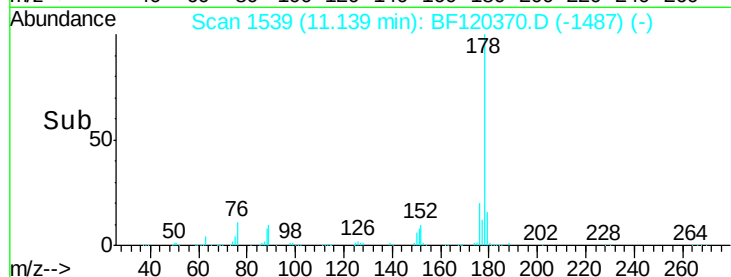
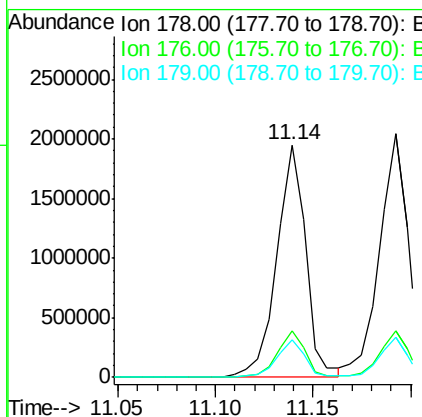
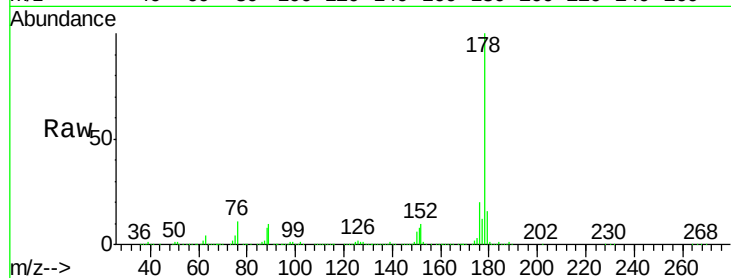
#71  
Phenanthrene  
Concen: 47.25 ng  
RT: 11.14 min Scan# 1539  
Delta R.T. 0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

Tgt Ion:178 Resp: 2015731  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.8 23.8  
179 16.1 12.8 19.2

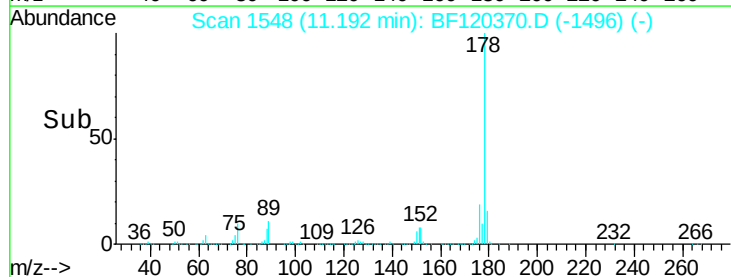
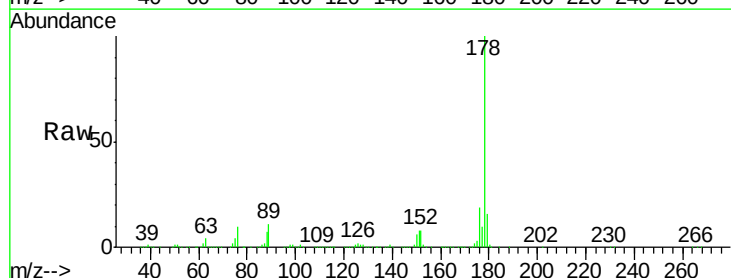
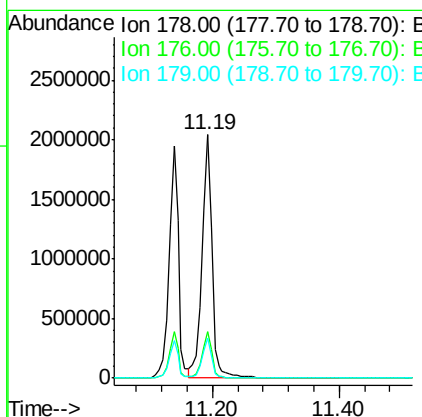
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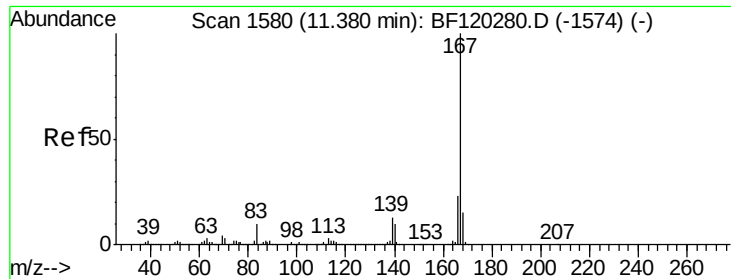


#72  
Anthracene  
Concen: 47.87 ng  
RT: 11.19 min Scan# 1548  
Delta R.T. 0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Tgt Ion:178 Resp: 2186433  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.7 23.5  
179 16.2 13.0 19.6







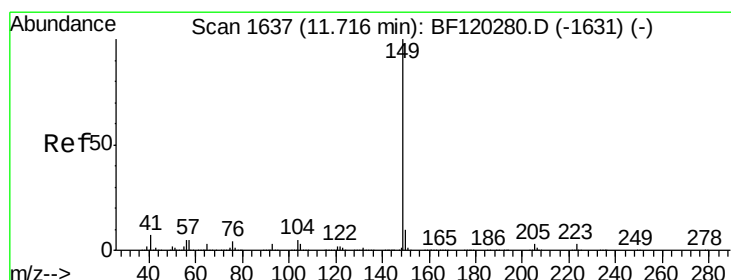
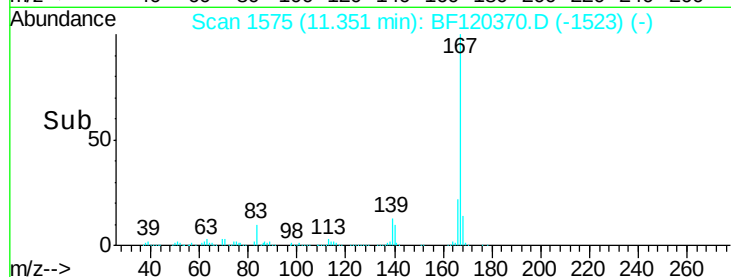
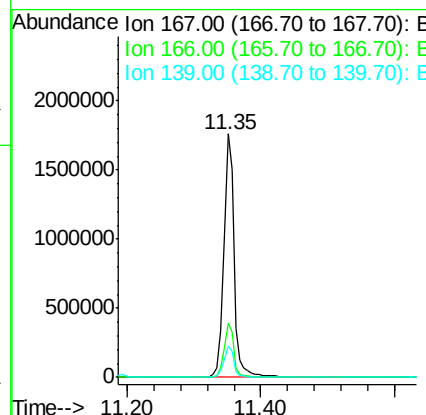
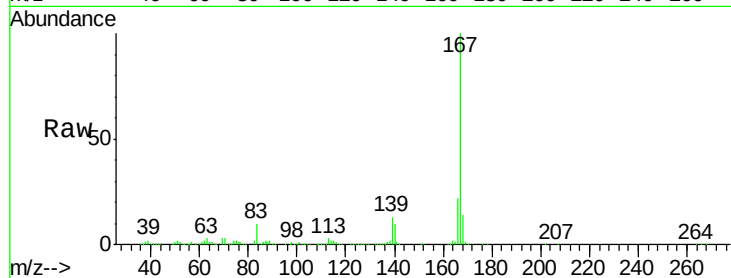
#73  
 Carbazole  
 Concen: 45.60 ng  
 RT: 11.35 min Scan# 1575  
 Delta R.T. 0.01 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129015BS

Tgt Ion:167 Resp: 1945887  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 18.1 27.1  
 139 13.0 10.6 15.8

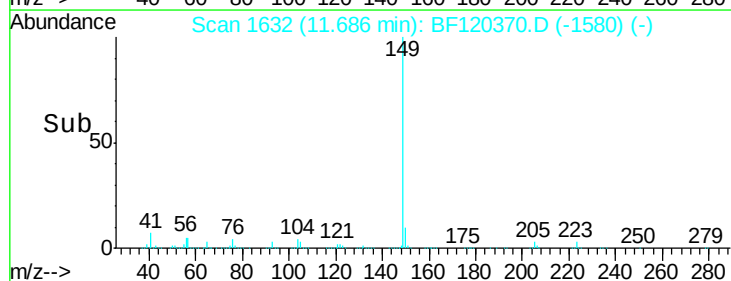
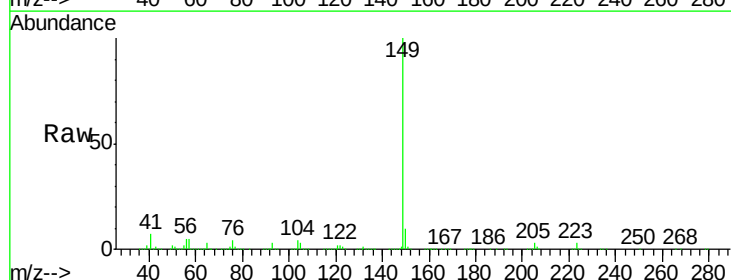
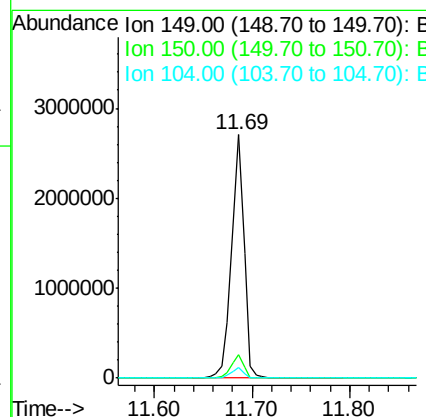
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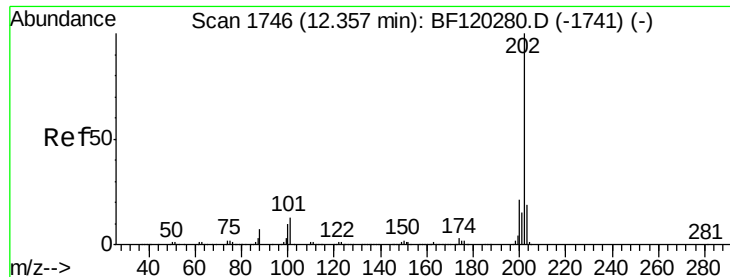
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#74  
 Di-n-butylphthalate  
 Concen: 47.57 ng  
 RT: 11.69 min Scan# 1632  
 Delta R.T. 0.01 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Tgt Ion:149 Resp: 2446307  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 8.2 12.4  
 104 4.5 3.8 5.8





#75

Fluoranthene

Concen: 46.86 ng

RT: 12.33 min Scan# 1741

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

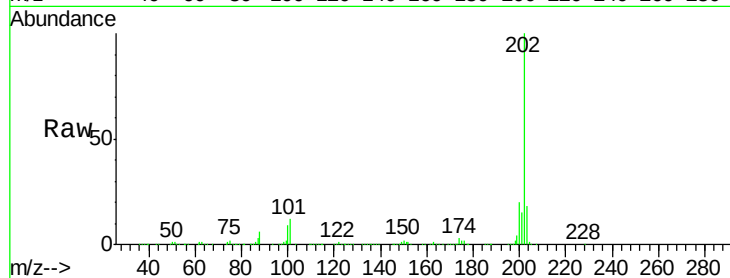
ClientSampleID :

PB129015BS

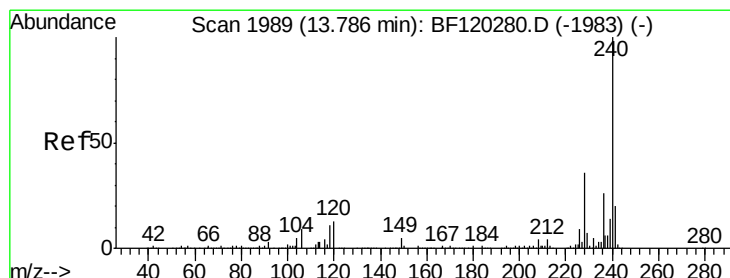
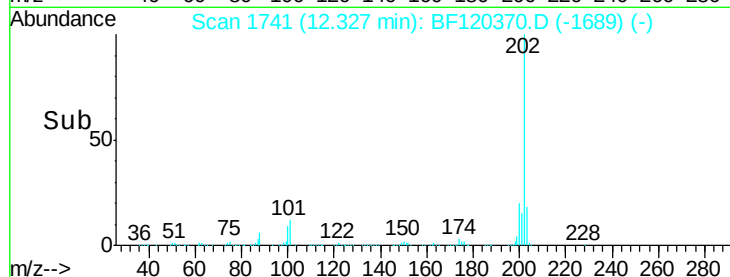
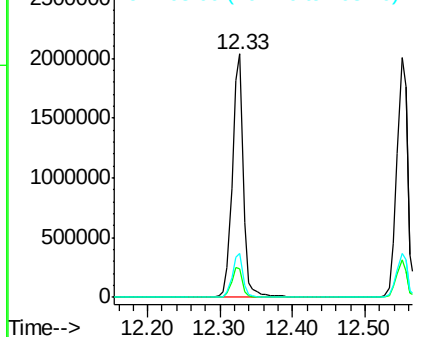
|     |       |       |       |         |
|-----|-------|-------|-------|---------|
| Tgt | Ion   | 202   | Resp  | 2142712 |
| Ion | Ratio | Lower | Upper |         |
| 202 | 100   |       |       |         |
| 101 | 11.6  | 0.0   | 33.2  |         |
| 203 | 18.0  | 0.0   | 39.1  |         |

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



#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1984

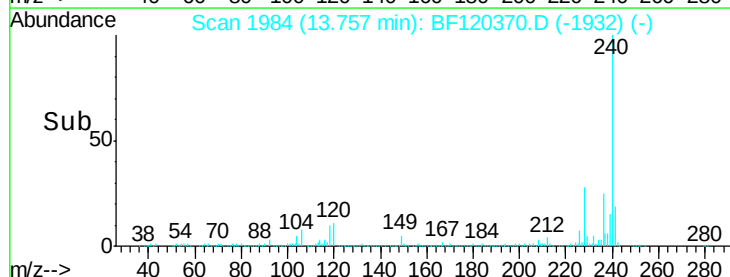
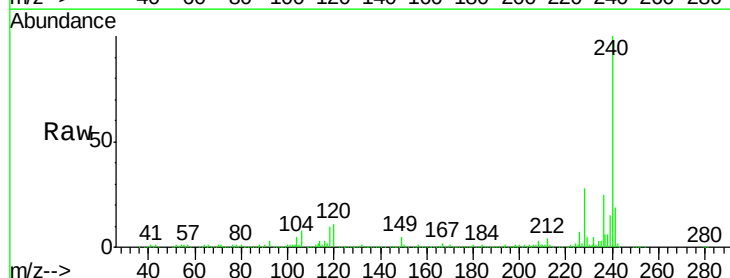
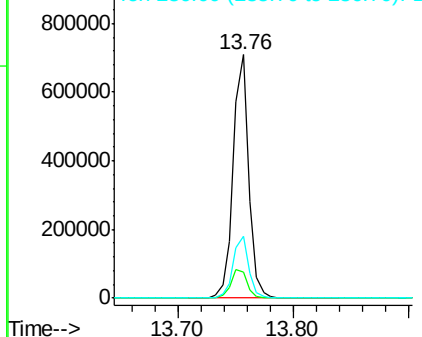
Delta R.T. 0.01 min

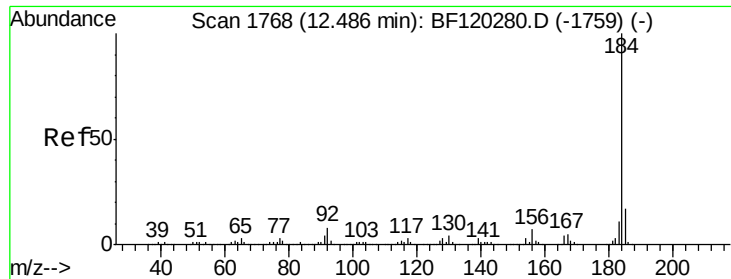
Lab File: BF120370.D

Acq: 20 May 2020 15:31

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 240   | Resp  | 660086 |
| Ion | Ratio | Lower | Upper |        |
| 240 | 100   |       |       |        |
| 120 | 10.9  | 10.4  | 15.6  |        |
| 236 | 25.3  | 21.0  | 31.6  |        |

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





#77

Benzidine

Concen: 64.89 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

ClientSampleId :

PB129015BS

Tgt Ion:184 Resp: 1250782

Ion Ratio Lower Upper

184 100

185 14.4 13.7 20.5

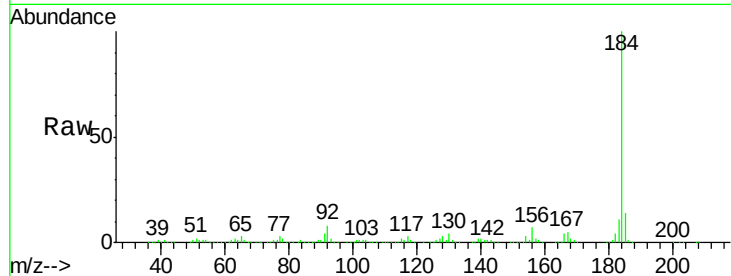
183 11.0 8.7 13.1

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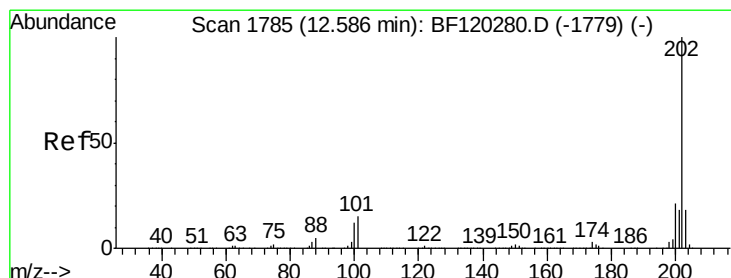
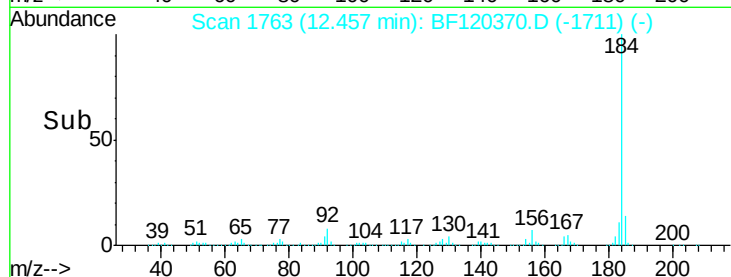
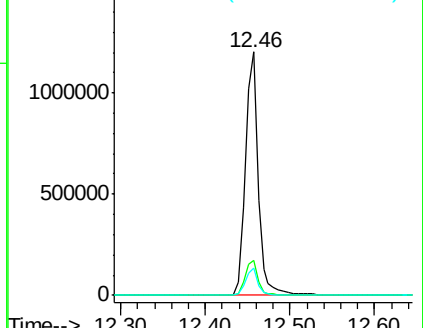
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.28 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

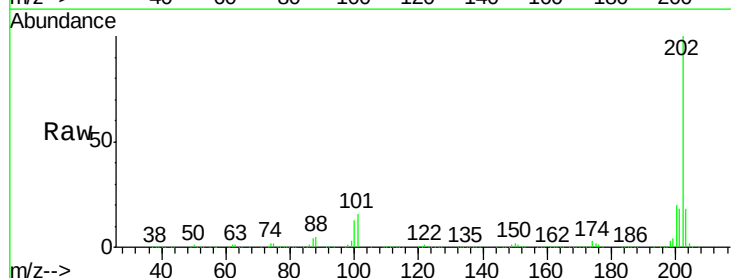
Tgt Ion:202 Resp: 2177997

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

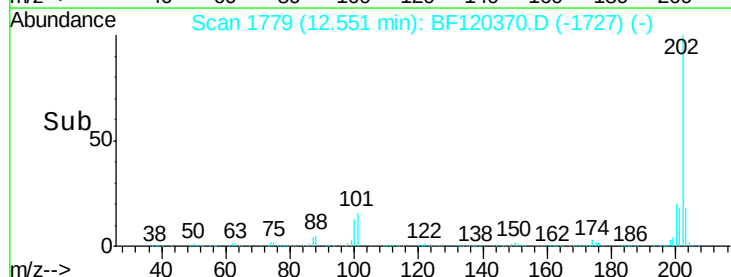
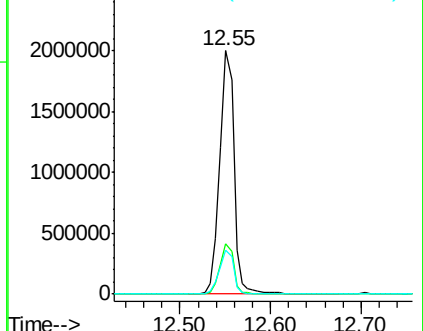
203 18.1 14.6 22.0

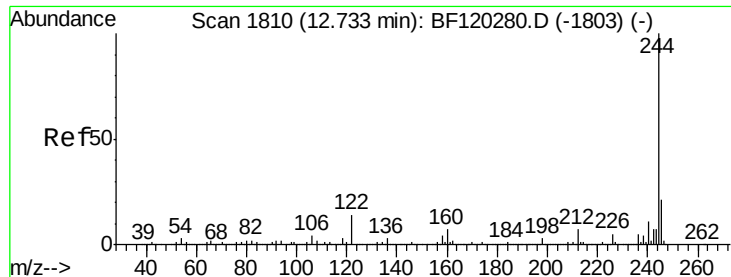


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





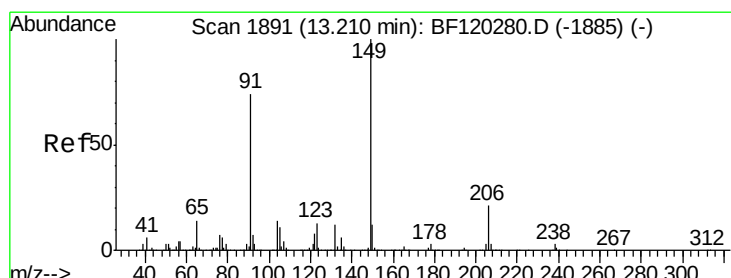
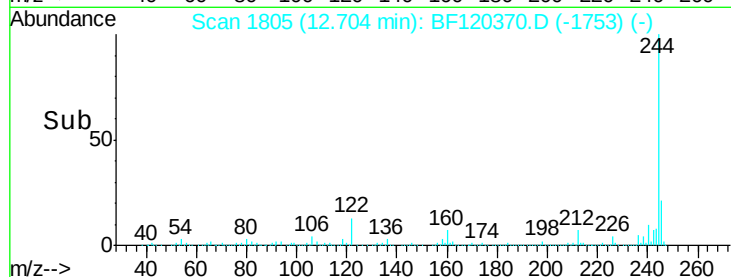
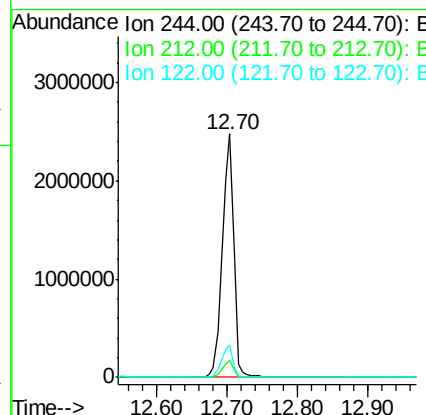
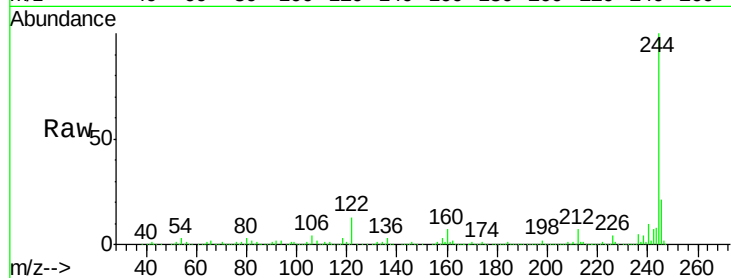
#79  
 Terphenyl-d14  
 Concen: 92.81 ng  
 RT: 12.70 min Scan# 1805  
 Delta R.T. 0.01 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129015BS

Tgt Ion: 244 Resp: 2773009  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.8 8.6  
 122 13.2 10.8 16.2

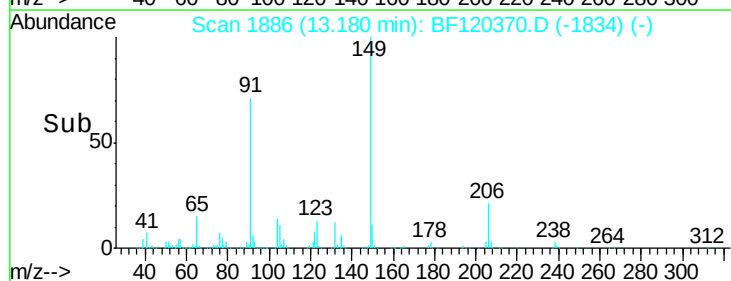
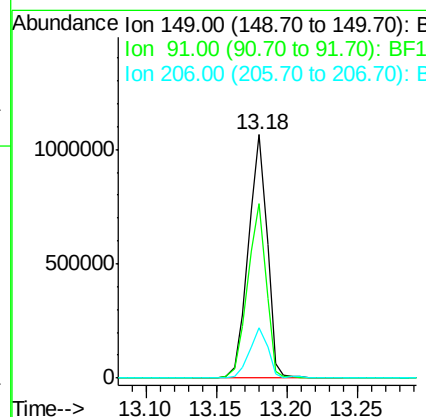
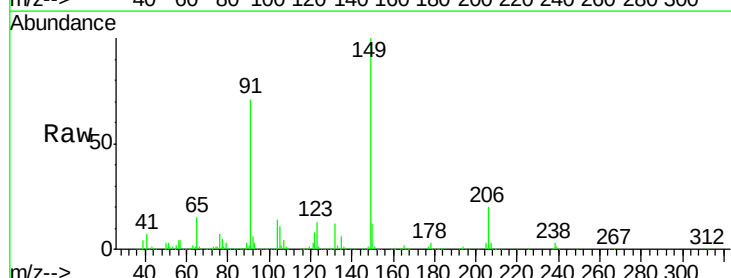
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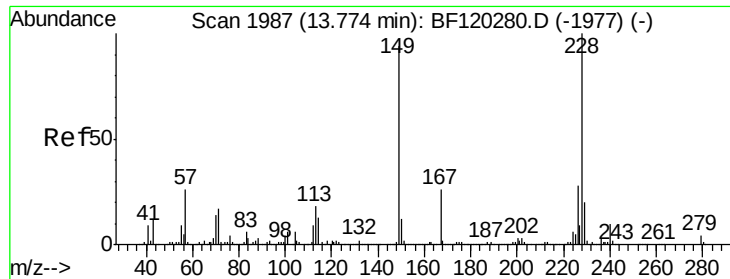
mohammad  
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#80  
 Butylbenzylphthalate  
 Concen: 44.85 ng  
 RT: 13.18 min Scan# 1886  
 Delta R.T. 0.01 min  
 Lab File: BF120370.D  
 Acq: 20 May 2020 15:31

Tgt Ion: 149 Resp: 993895  
 Ion Ratio Lower Upper  
 149 100  
 91 71.4 59.0 88.4  
 206 20.5 16.8 25.2





#81

Benzo(a)anthracene

Concen: 46.46 ng

RT: 13.74 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

ClientSampleId :

PB129015BS

Tgt Ion:228 Resp: 1617526

Ion Ratio Lower Upper

228 100

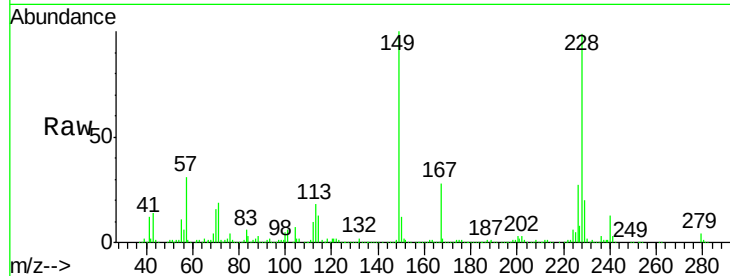
226 27.5 22.6 33.8

229 20.0 16.4 24.6

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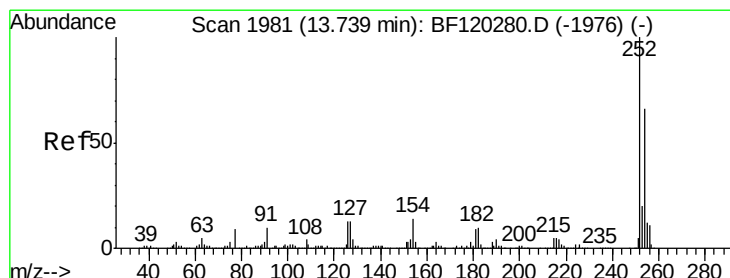
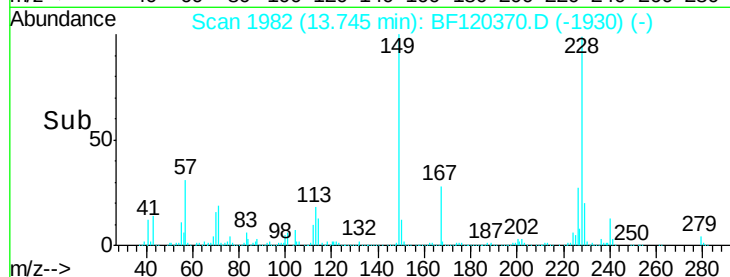
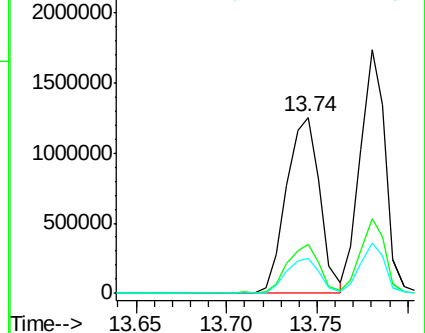
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.45 ng

RT: 13.71 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Tgt Ion:252 Resp: 478241

Ion Ratio Lower Upper

252 100

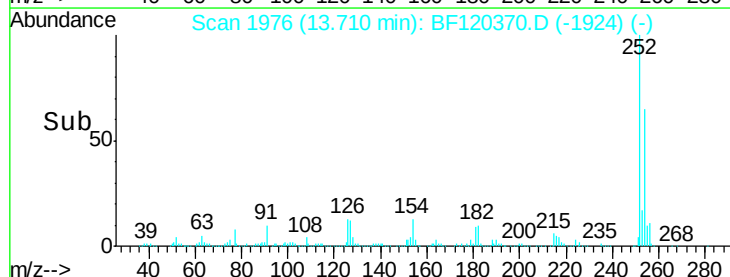
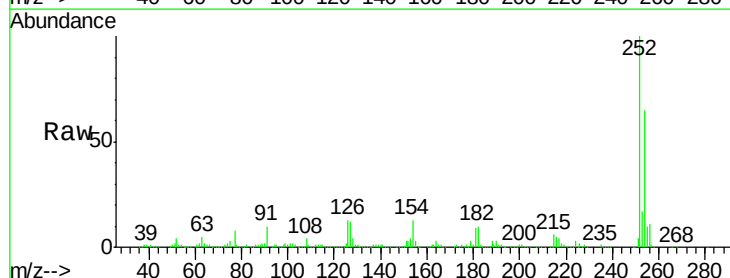
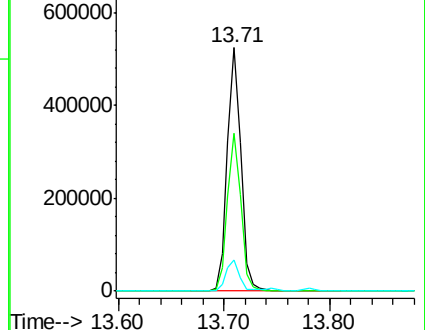
254 64.7 52.6 78.8

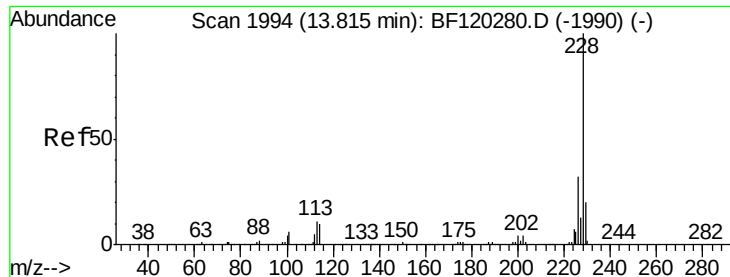
126 12.6 10.7 16.1

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: 45.14 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

ClientSampleId :

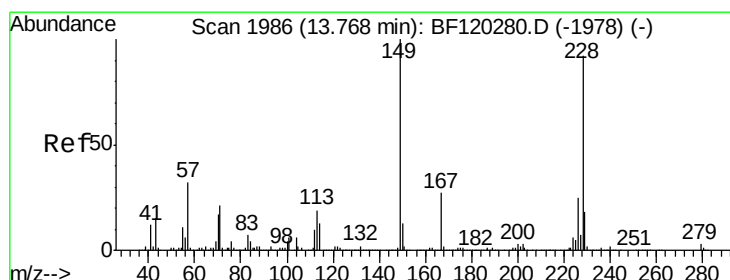
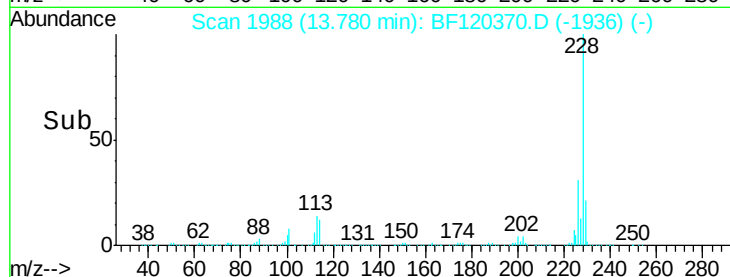
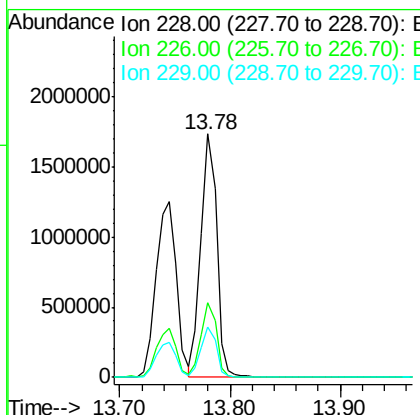
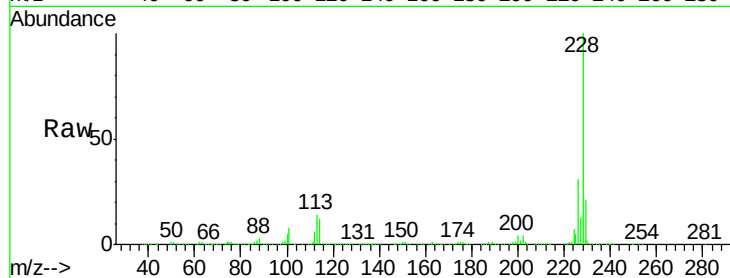
PB129015BS

Tgt Ion: 228 Resp: 1687544

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.8  | 25.0  | 37.6  |
| 229 | 20.8  | 16.2  | 24.4  |

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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.85 ng

RT: 13.74 min Scan# 1982

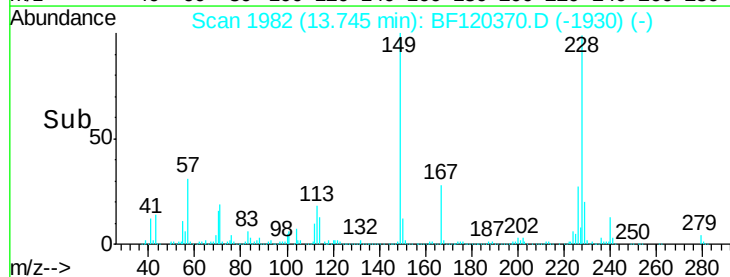
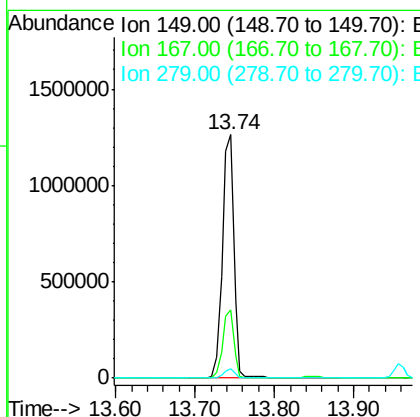
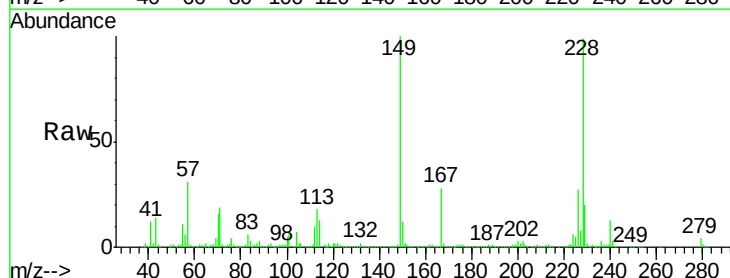
Delta R.T. 0.01 min

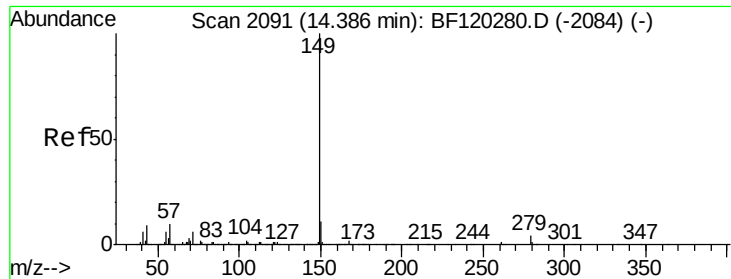
Lab File: BF120370.D

Acq: 20 May 2020 15:31

Tgt Ion: 149 Resp: 1264153

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.9  | 21.8  | 32.8  |
| 279 | 4.0   | 2.8   | 4.2   |





#85

Di-n-octyl phthalate

Concen: 46.32 ng

RT: 14.35 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

ClientSampleId :

PB129015BS

Tgt Ion:149 Resp: 2297521

Ion Ratio Lower Upper

149 100

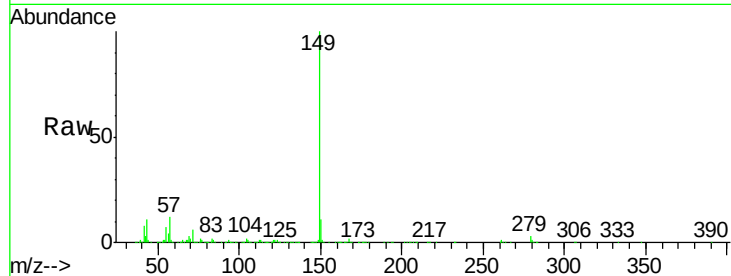
167 1.6 1.3 1.9

43 10.1 7.5 11.3

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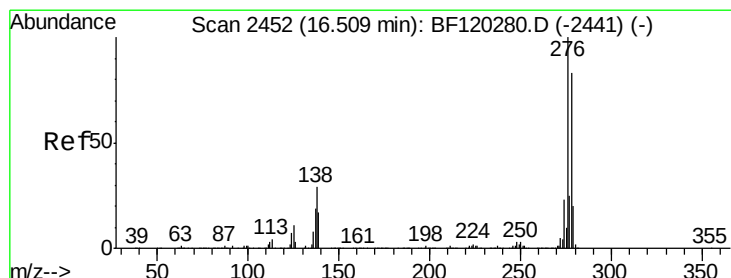
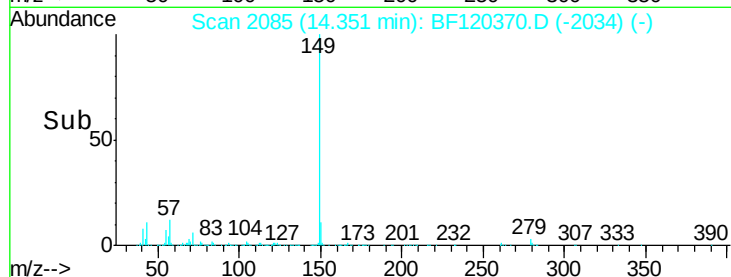
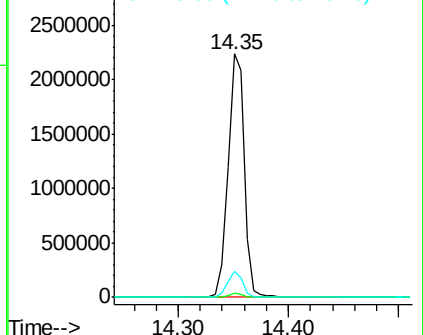
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.63 ng

RT: 16.44 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

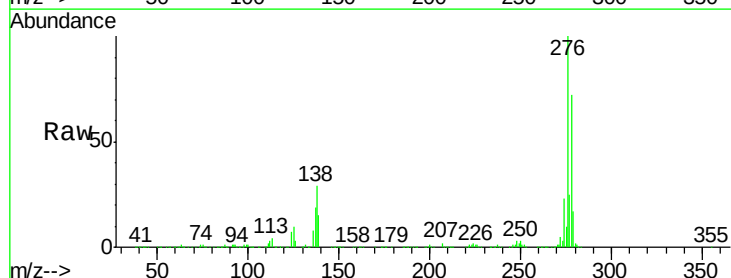
Tgt Ion:276 Resp: 1276793

Ion Ratio Lower Upper

276 100

138 28.2 23.3 34.9

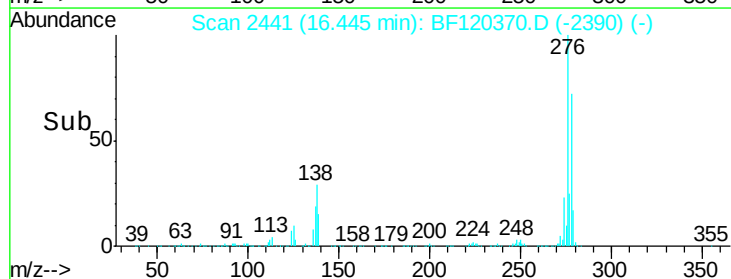
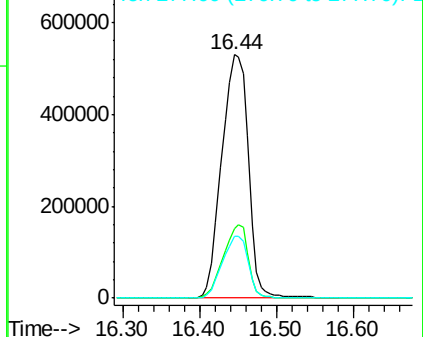
277 24.6 20.2 30.4

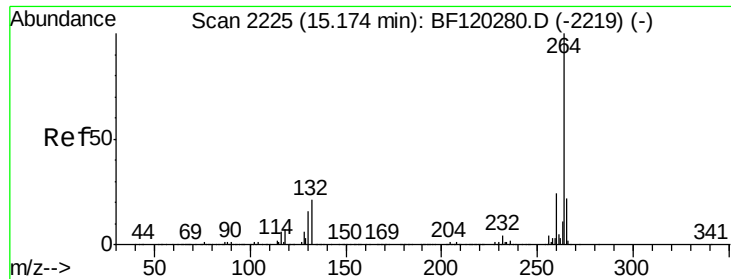


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





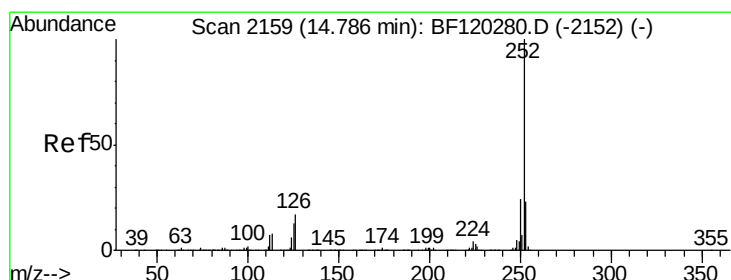
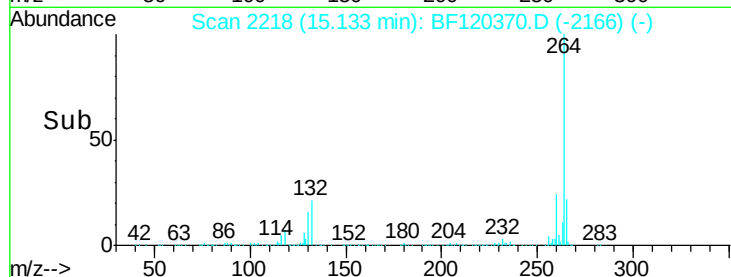
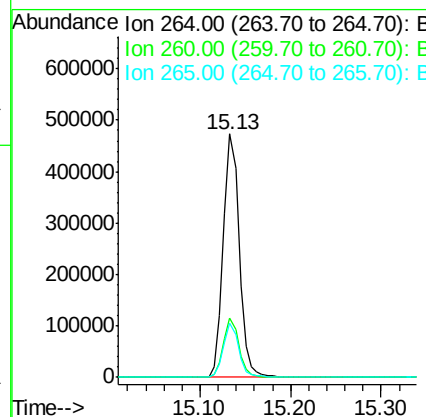
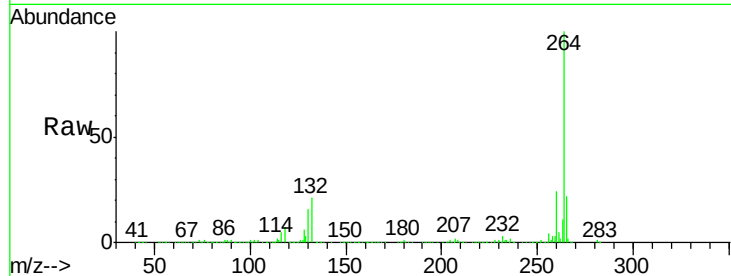
#87  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.13 min Scan# 2218  
Delta R.T. 0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.0  | 28.6  |
| 265     | 22.1  | 17.5  | 26.3  |

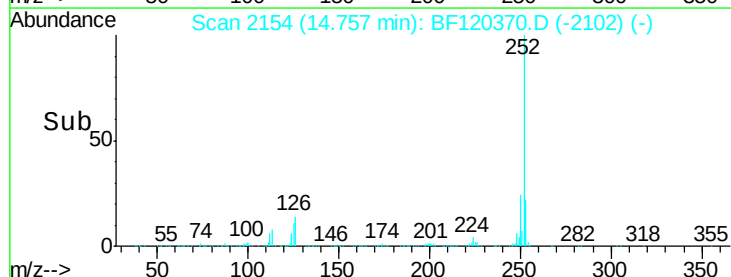
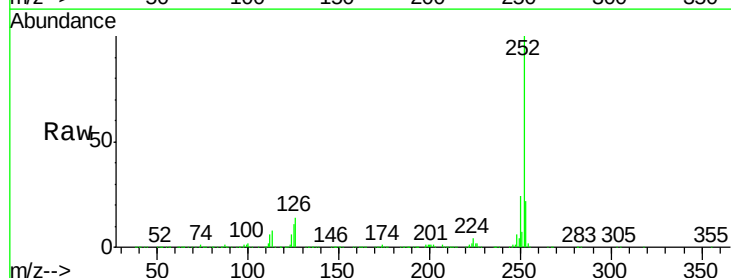
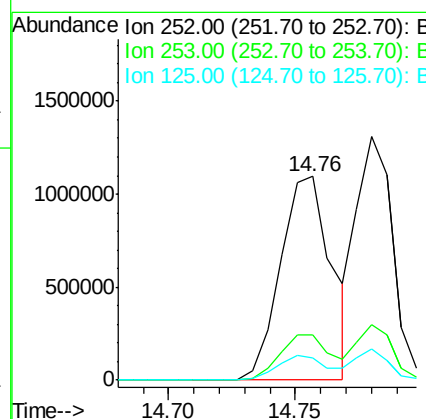
Manual Integrations  
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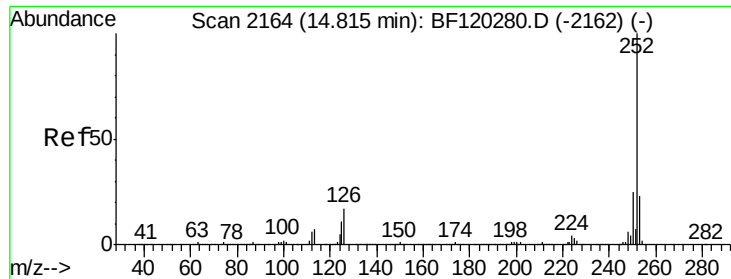


#88  
Benzo(b)fluoranthene  
Concen: 48.40 ng  
RT: 14.76 min Scan# 2154  
Delta R.T. 0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.1  | 27.1  |
| 125     | 11.2  | 10.4  | 15.6  |







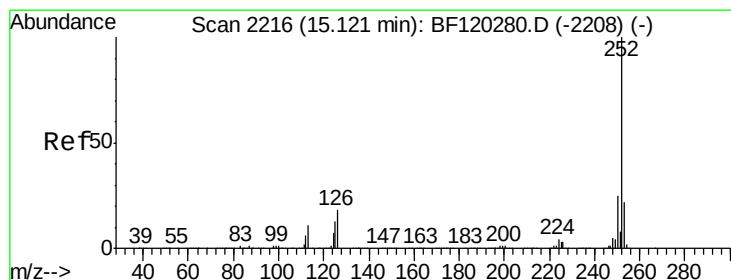
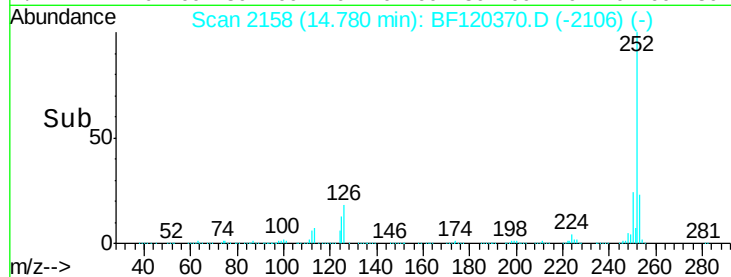
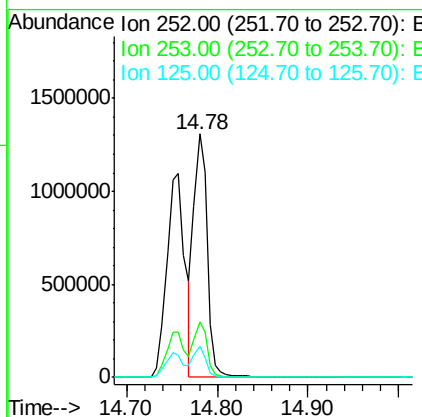
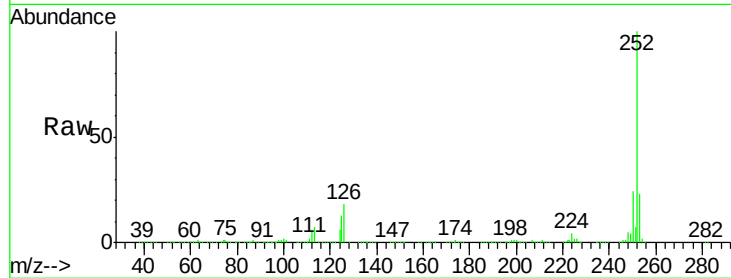
#89  
Benzo(k)fluoranthene  
Concen: 48.76 ng  
RT: 14.78 min Scan# 2158  
Delta R.T. 0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB129015BS

Tgt Ion: 252 Resp: 1335850  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.2 27.2  
125 12.8 9.9 14.9

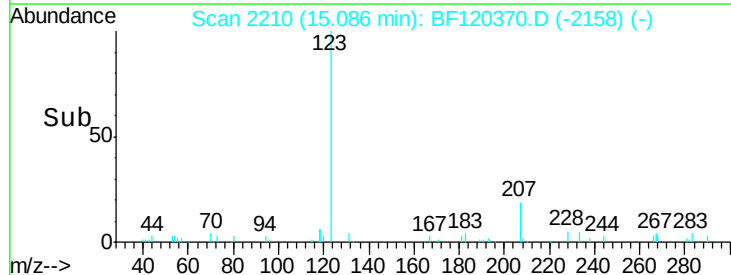
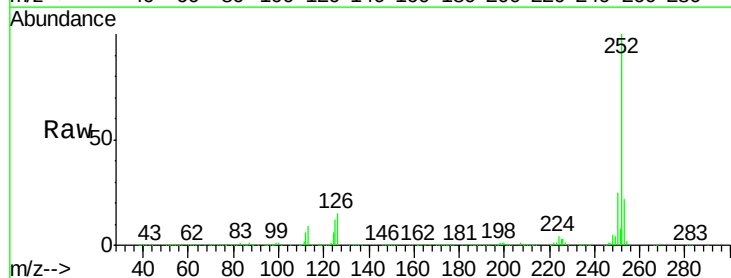
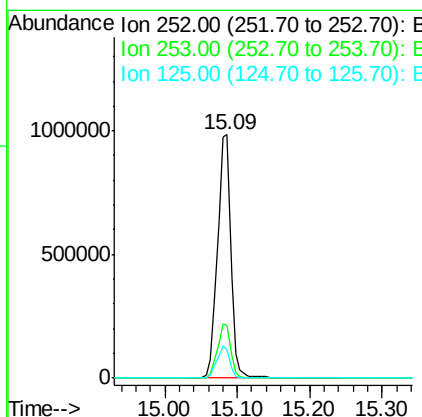
Manual Integrations  
APPROVED

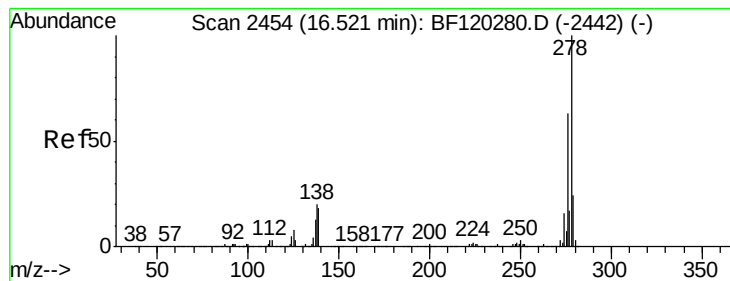
mohammad  
5/21/2020 10:22:57 AM



#90  
Benzo(a)pyrene  
Concen: 44.54 ng  
RT: 15.09 min Scan# 2210  
Delta R.T. 0.01 min  
Lab File: BF120370.D  
Acq: 20 May 2020 15:31

Tgt Ion: 252 Resp: 1263125  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.6 26.4  
125 11.9 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 41.80 ng

RT: 16.46 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

Instrument :

BNA\_F

ClientSampleId :

PB129015BS

Tgt Ion:278 Resp: 1050274

Ion Ratio Lower Upper

278 100

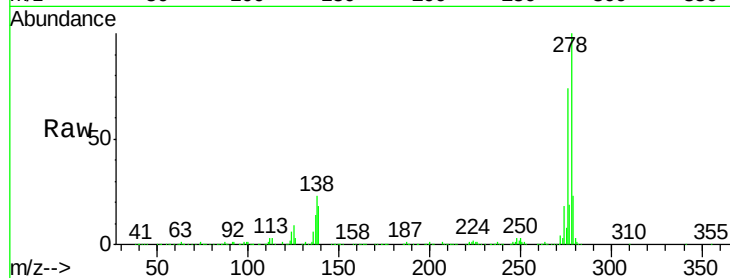
139 18.3 14.7 22.1

279 23.2 19.2 28.8

Manual Integrations  
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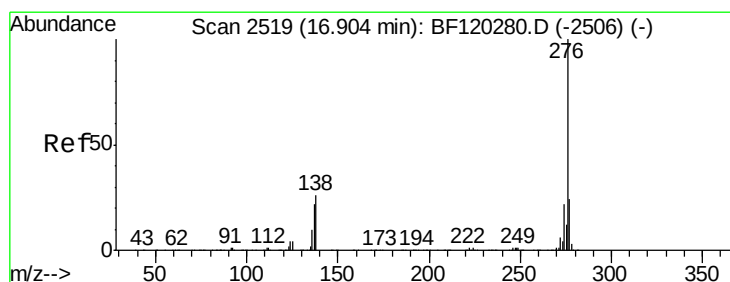
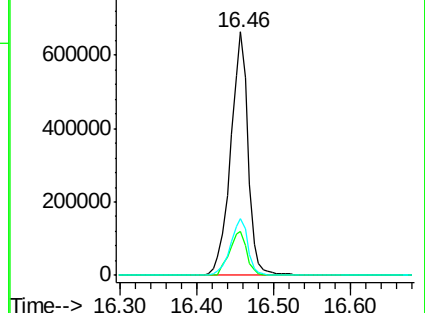
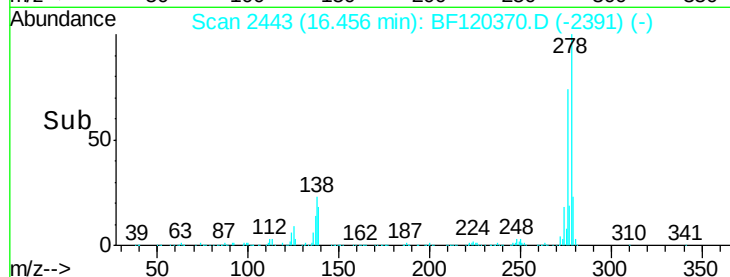
5/21/2020 10:22:57 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.63 ng

RT: 16.84 min Scan# 2508

Delta R.T. 0.01 min

Lab File: BF120370.D

Acq: 20 May 2020 15:31

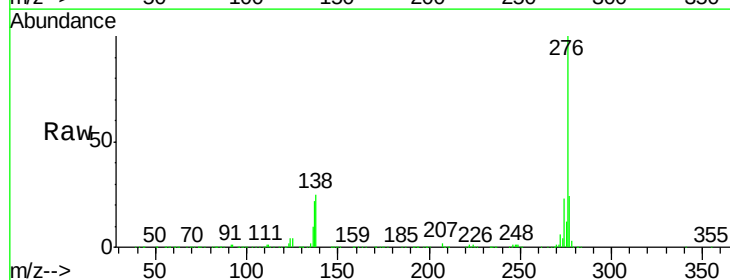
Tgt Ion:276 Resp: 1079948

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 25.1 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

