

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\  
 Data File : BF110953.D  
 Acq On : 26 Nov 2018 10:04  
 Operator : JU/SJ  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

mohammad  
 11/27/2018 11:35:51 AM

Quant Time: Nov 26 11:40:37 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 26 11:30:23 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.93  | 152  | 65242    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.22  | 136  | 287498   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.98  | 164  | 142396   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.47 | 188  | 283397   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.13 | 240  | 237110   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.66 | 264  | 199890   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 79681  | 19.84 | ng | 0.01 |
| 7) Phenol-d6             | 6.56  | 99  | 107393 | 20.91 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.50  | 82  | 101729 | 20.38 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.77 | 330 | 29190  | 20.34 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.29  | 172 | 214968 | 21.56 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.06 | 244 | 254557 | 20.11 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.76 | 88  | 19577  | 9.782  | ng | 94     |
| 3) Pyridine                    | 3.60 | 79  | 39428m | 9.127  | ng |        |
| 4) n-Nitrosodimethylamine      | 3.54 | 42  | 17257m | 9.310  | ng |        |
| 6) Aniline                     | 6.60 | 93  | 64394  | 9.614  | ng | # 58   |
| 8) 2-Chlorophenol              | 6.72 | 128 | 48261  | 10.250 | ng | 98     |
| 9) Benzaldehyde                | 6.50 | 77  | 35251  | 12.095 | ng | 87     |
| 10) Phenol                     | 6.57 | 94  | 59680  | 10.021 | ng | # 68   |
| 11) bis(2-Chloroethyl)ether    | 6.67 | 93  | 42887  | 9.609  | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.87 | 146 | 52796  | 10.248 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.95 | 146 | 54547  | 10.426 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 7.10 | 146 | 52099  | 10.705 | ng | 100    |
| 15) Benzyl Alcohol             | 7.09 | 79  | 40608  | 10.103 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.20 | 45  | 73601  | 10.500 | ng | 80     |
| 17) 2-Methylphenol             | 7.19 | 107 | 39050  | 10.421 | ng | # 84   |
| 18) Hexachloroethane           | 7.44 | 117 | 19532  | 10.113 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.34 | 70  | 35752  | 10.905 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.35 | 107 | 52637  | 10.942 | ng | # 33   |
| 22) Acetophenone               | 7.35 | 105 | 70297  | 10.492 | ng | # 92   |
| 24) Nitrobenzene               | 7.52 | 77  | 52216  | 10.209 | ng | 98     |
| 25) Isophorone                 | 7.76 | 82  | 84009  | 10.267 | ng | 95     |
| 26) 2-Nitrophenol              | 7.85 | 139 | 24608  | 9.644  | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.87 | 122 | 38560  | 9.923  | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93  | 56312  | 10.165 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 40265  | 10.070 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180 | 46169  | 10.241 | ng | 94     |
| 31) Naphthalene                | 8.24 | 128 | 140224 | 10.390 | ng | 98     |
| 32) Benzoic acid               | 7.97 | 122 | 23682m | 8.613  | ng |        |
| 33) 4-Chloroaniline            | 8.30 | 127 | 60374  | 9.876  | ng | 99     |
| 34) Hexachlorobutadiene        | 8.35 | 225 | 26599  | 10.329 | ng | 96     |
| 35) Caprolactam                | 8.65 | 113 | 13715  | 10.266 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.78 | 107 | 46566  | 10.798 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.93 | 142 | 91707  | 10.365 | ng | 98     |
| 38) 1-Methylnaphthalene        | 9.03 | 142 | 89296  | 10.495 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 46535  | 10.324 | ng | 98     |

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Instrument :  
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 SSTDICC010

Manual Integrations  
 APPROVED

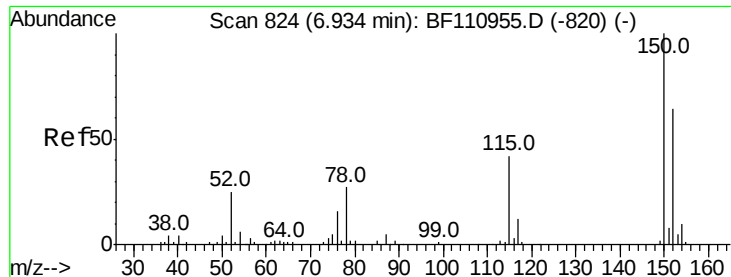
mohammad  
 11/27/2018 11:35:51 AM

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.07  | 237  | 361      | 0.250  | nq    | 92       |
| 43) 2,4,6-Trichlorophenol      | 9.22  | 196  | 27112    | 9.572  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.27  | 196  | 29686    | 9.825  | nq    | 96       |
| 46) 1,1'-Biphenyl              | 9.39  | 154  | 136771   | 10.296 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 9.43  | 162  | 98749    | 10.319 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.53  | 65   | 30006    | 10.175 | nq    | 96       |
| 49) Acenaphthylene             | 9.84  | 152  | 144198   | 10.463 | nq    | 99       |
| 50) Dimethylphthalate          | 9.69  | 163  | 109586   | 10.314 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.76  | 165  | 24130    | 10.324 | nq #  | 86       |
| 52) Acenaphthene               | 10.01 | 154  | 92305    | 10.598 | nq    | 97       |
| 53) 3-Nitroaniline             | 9.95  | 138  | 27995    | 10.338 | nq    | 90       |
| 54) 2,4-Dinitrophenol          | 10.09 | 184  | 4804     | 5.817  | nq    | 87       |
| 55) Dibenzofuran               | 10.19 | 168  | 137786   | 10.813 | nq    | 96       |
| 56) 4-Nitrophenol              | 10.13 | 139  | 9258     | 5.153  | nq    | 90       |
| 57) 2,4-Dinitrotoluene         | 10.19 | 165  | 32166    | 10.584 | nq #  | 85       |
| 58) Fluorene                   | 10.53 | 166  | 104907   | 10.718 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.31 | 232  | 24266    | 10.209 | nq    | 93       |
| 60) Diethylphthalate           | 10.39 | 149  | 115345   | 10.973 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.52 | 204  | 55691    | 10.989 | nq    | 96       |
| 62) 4-Nitroaniline             | 10.56 | 138  | 26008    | 9.538  | nq    | 98       |
| 63) Azobenzene                 | 10.67 | 77   | 111027   | 10.826 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.61 | 198  | 10189    | 7.134  | nq    | 93       |
| 66) n-Nitrosodiphenylamine     | 10.63 | 169  | 98343    | 10.295 | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 11.00 | 248  | 31806    | 10.155 | nq #  | 85       |
| 68) Hexachlorobenzene          | 11.08 | 284  | 33656    | 10.192 | nq #  | 90       |
| 69) Atrazine                   | 11.16 | 200  | 31546    | 10.801 | nq    | 98       |
| 70) Pentachlorophenol          | 11.29 | 266  | 10406    | 5.906  | nq    | 89       |
| 71) Phenanthrene               | 11.50 | 178  | 157635   | 10.382 | nq    | 99       |
| 72) Anthracene                 | 11.55 | 178  | 162052   | 10.581 | nq    | 99       |
| 73) Carbazole                  | 11.72 | 167  | 158485   | 10.775 | nq    | 99       |
| 74) Di-n-butylphthalate        | 12.02 | 149  | 184067   | 10.671 | nq    | 98       |
| 75) Fluoranthene               | 12.70 | 202  | 164769   | 10.824 | nq    | 99       |
| 77) Benzidine                  | 12.82 | 184  | 86016    | 13.191 | nq    | 96       |
| 78) Pyrene                     | 12.93 | 202  | 170579   | 9.343  | nq    | 96       |
| 80) Butylbenzylphthalate       | 13.52 | 149  | 74714    | 9.508  | nq    | 96       |
| 81) Benzo(a)anthracene         | 14.12 | 228  | 141143   | 9.959  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 14.08 | 252  | 54512    | 11.482 | nq    | 98       |
| 83) Chrysene                   | 14.16 | 228  | 140346   | 10.394 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 14.07 | 149  | 102837   | 10.550 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 14.69 | 149  | 165912   | 11.574 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.26 | 276  | 100265   | 10.348 | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 15.20 | 252  | 114366   | 9.564  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.24 | 252  | 123686   | 10.468 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.60 | 252  | 108830   | 10.017 | nq #  | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.26 | 278  | 83484    | 9.080  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.74 | 276  | 77981    | 8.548  | nq    | 97       |

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





#1

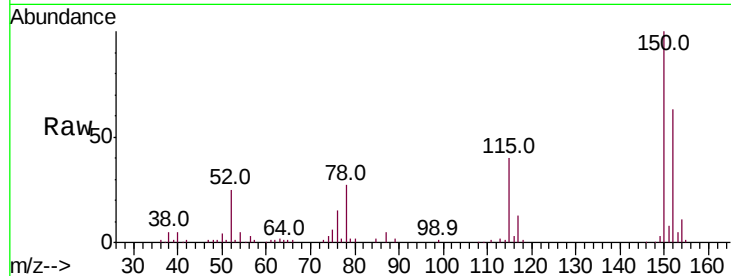
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.93 min Scan# 824  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.0 | 122.7 | 184.1 |
| 115     | 63.6  | 49.1  | 73.7  |

Manual Integrations  
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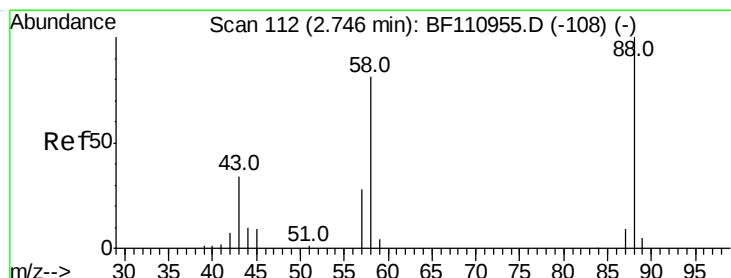
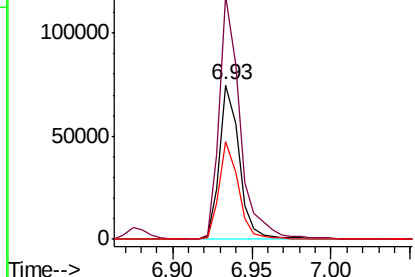
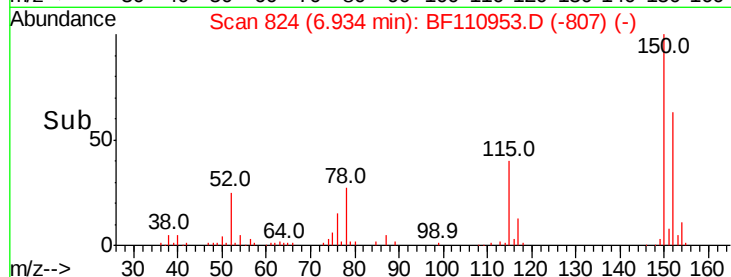


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

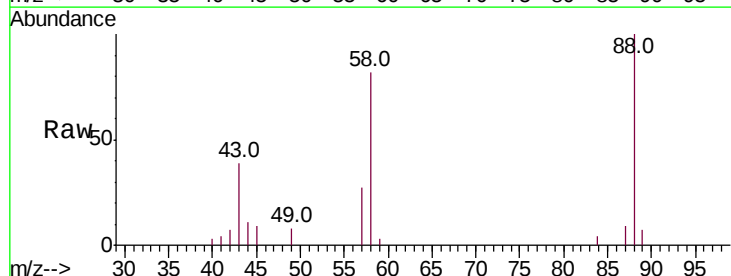
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 9.782 ng  
RT: 2.76 min Scan# 114  
Delta R.T. 0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.3  | 57.1  | 85.7  |
| 43      | 33.3  | 24.1  | 36.1  |

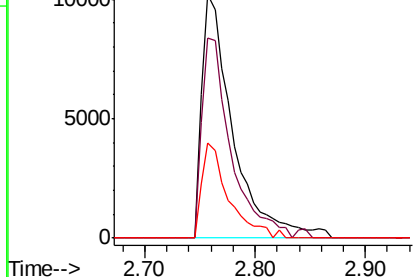
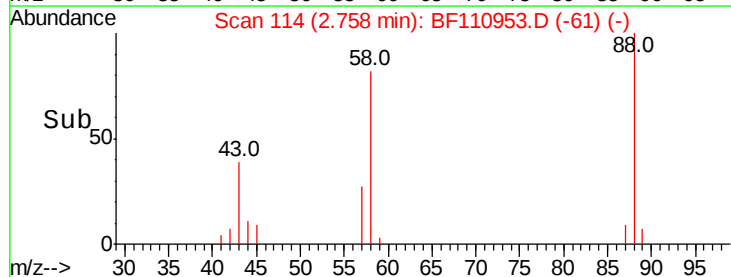


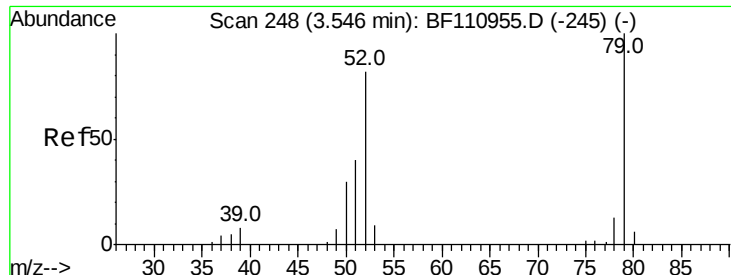
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





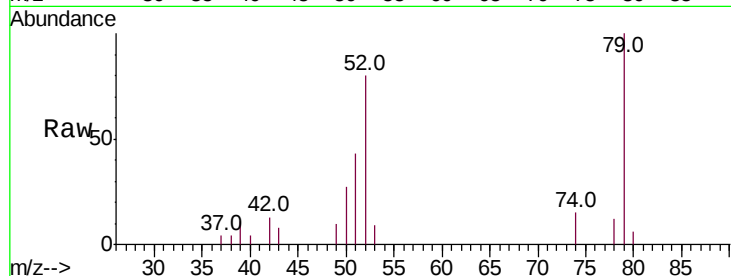
#3  
 Pvridine  
 Concen: 9.127 ng m  
 RT: 3.60 min Scan# 257  
 Delta R.T. 0.05 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

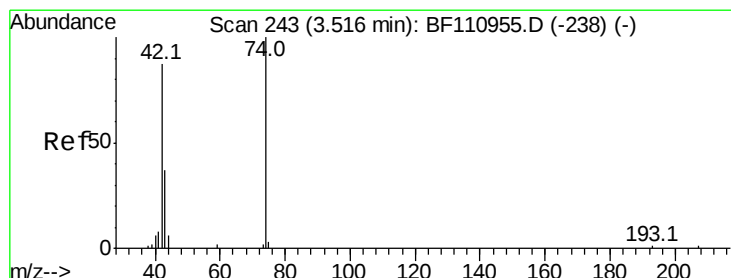
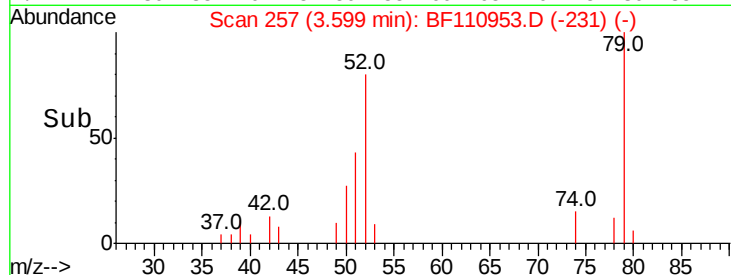
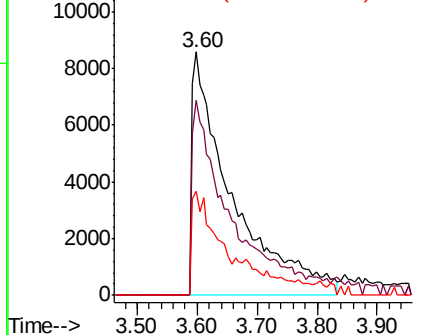
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 79      | 100  |       |       |       |
| 52      | 80.1 | 53.1  | 79.7# |       |
| 51      | 42.8 | 27.4  | 41.2# |       |

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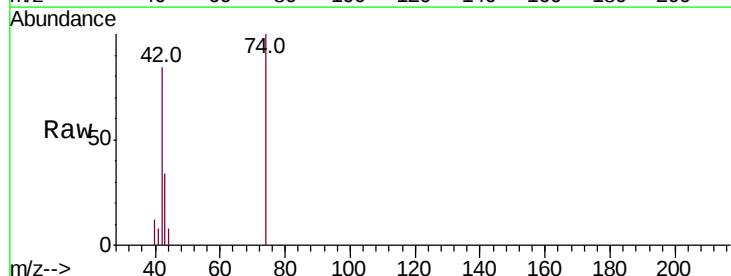


Abundance Ion 79.00 (78.70 to 79.70): BF1  
 Ion 52.00 (51.70 to 52.70): BF1  
 Ion 51.00 (50.70 to 51.70): BF1

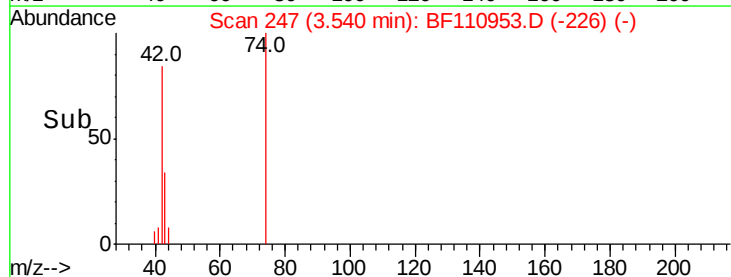
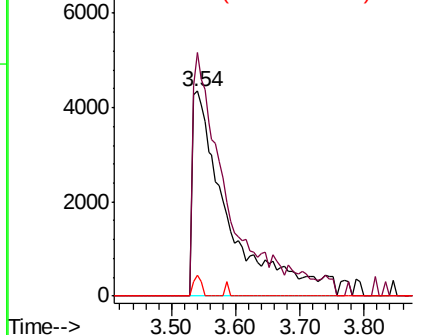


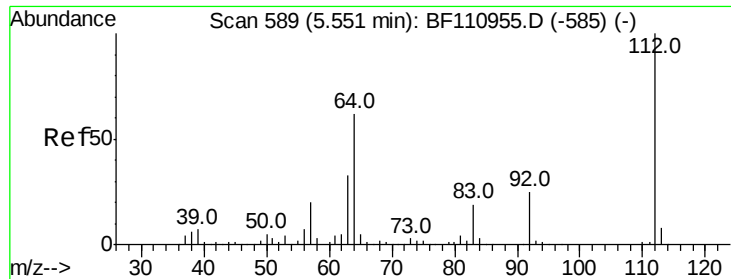
#4  
 n-Nitrosodimethylamine  
 Concen: 9.310 ng m  
 RT: 3.54 min Scan# 247  
 Delta R.T. 0.02 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 42      | 100   |       |       |       |
| 74      | 118.9 | 105.5 | 158.3 |       |
| 44      | 9.9   | 4.9   | 7.3#  |       |



Abundance Ion 42.00 (41.70 to 42.70): BF1  
 Ion 74.00 (73.70 to 74.70): BF1  
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 19.838 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA\_F

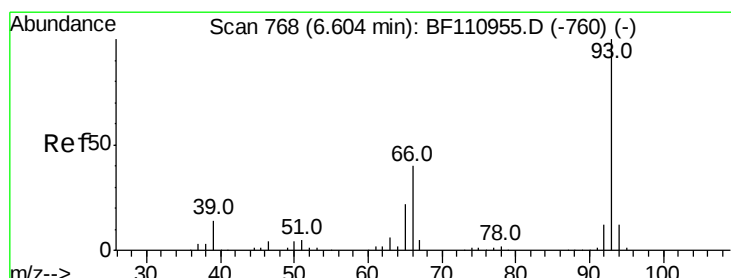
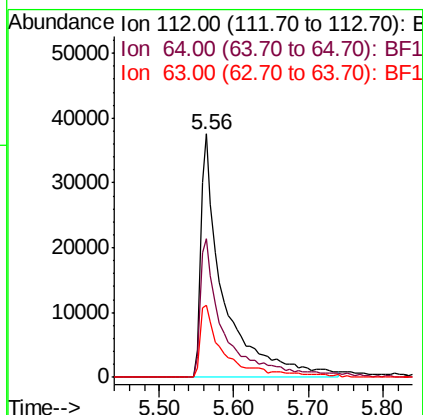
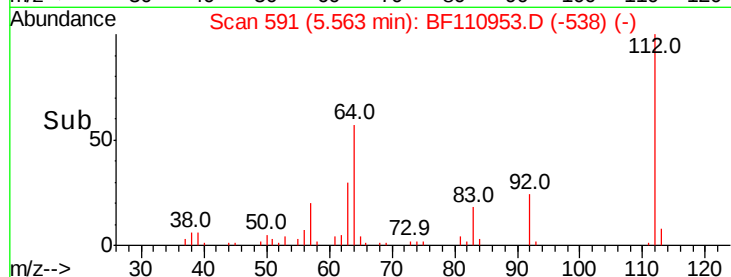
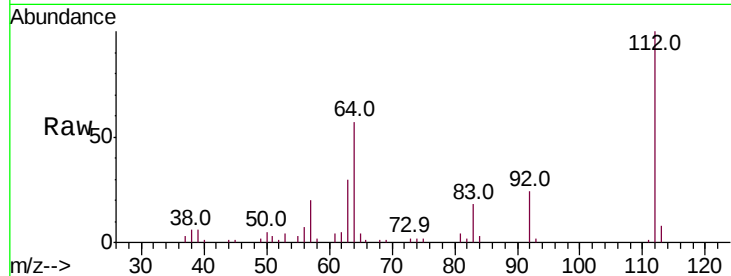
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 112   | Resp: | 79681 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 56.8  | 44.1  | 66.1  |
| 63        | 29.8  | 23.7  | 35.5  |

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#6

Aniline

Concen: 9.614 ng

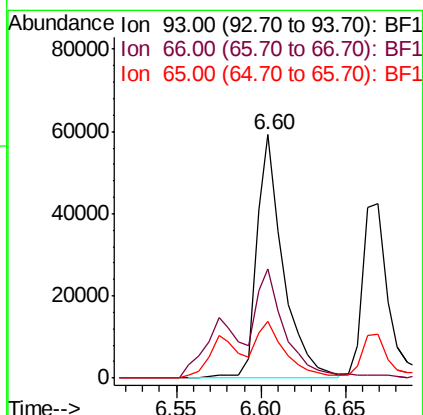
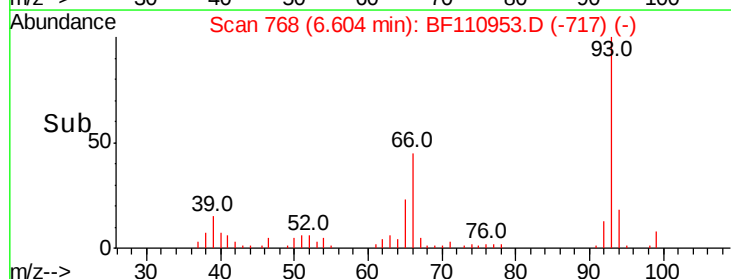
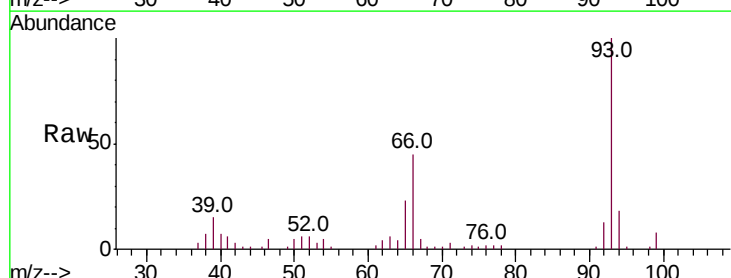
RT: 6.60 min Scan# 768

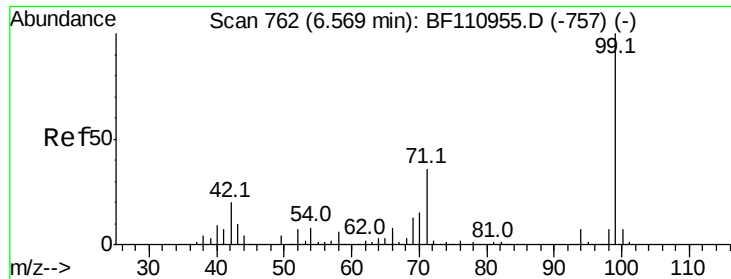
Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 64394  |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 45.0  | 67.4  | 101.0# |
| 65        | 23.4  | 41.0  | 61.4#  |





#7

Phenol-d6

Concen: 20.909 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA\_F

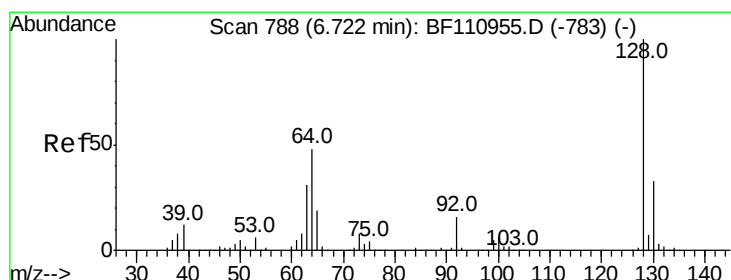
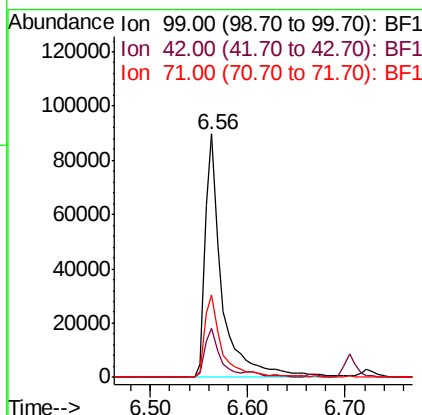
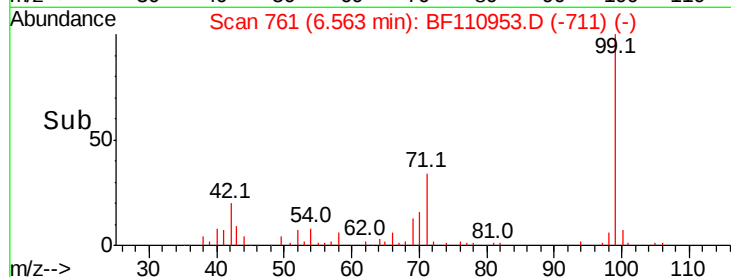
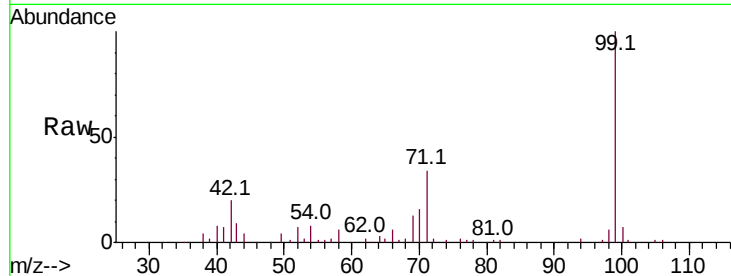
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 107393 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.1  | 15.8  | 23.6   |
| 71        | 34.1  | 28.0  | 42.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 10.250 ng

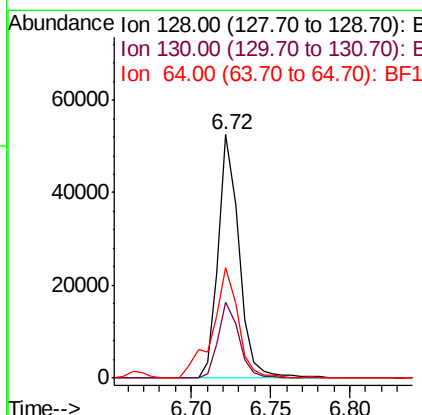
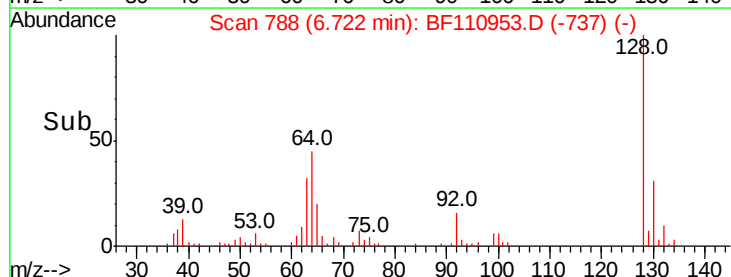
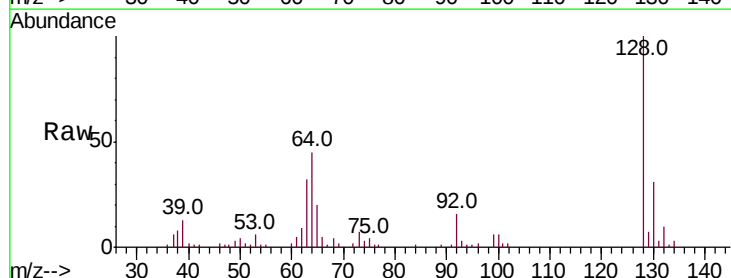
RT: 6.72 min Scan# 788

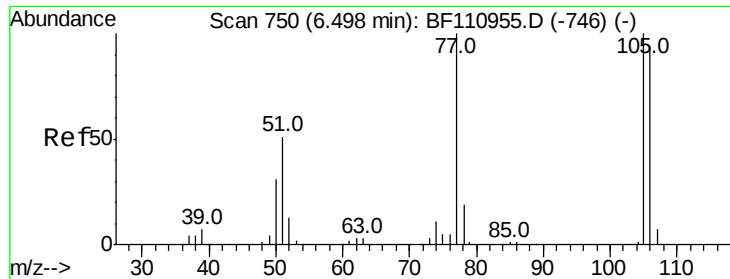
Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 48261 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 31.4  | 13.1  | 53.1  |
| 64        | 45.4  | 26.0  | 66.0  |





#9

Benzaldehyde

Concen: 12.095 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA\_F

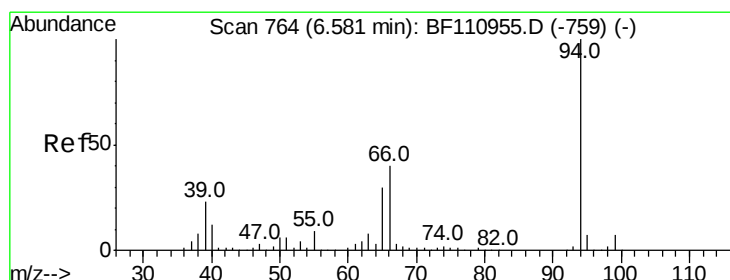
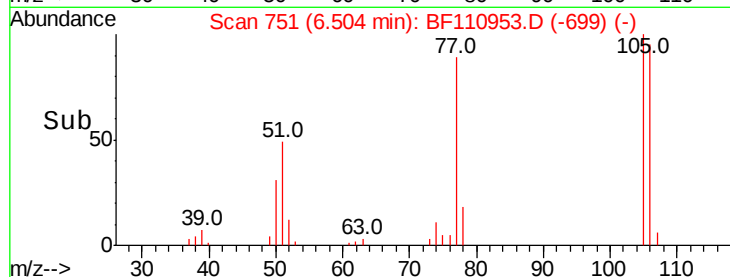
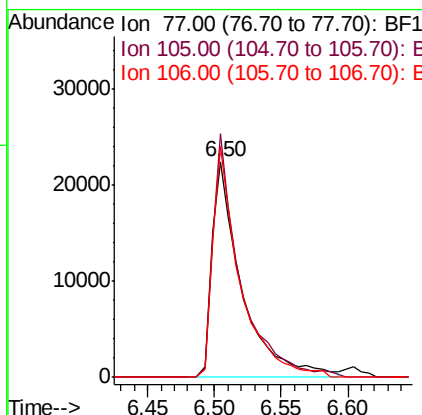
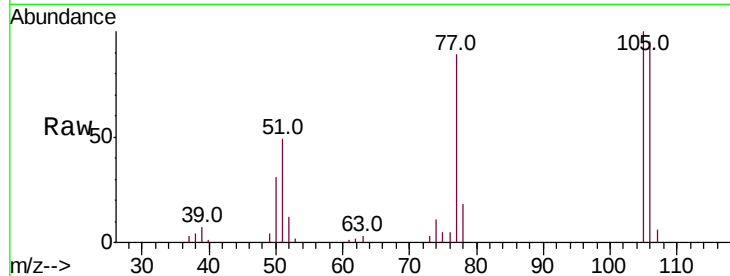
ClientSampleId :

SSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 35251 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 112.7 | 78.6  | 118.6 |
| 106      | 106.5 | 74.8  | 114.8 |

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#10

Phenol

Concen: 10.021 ng

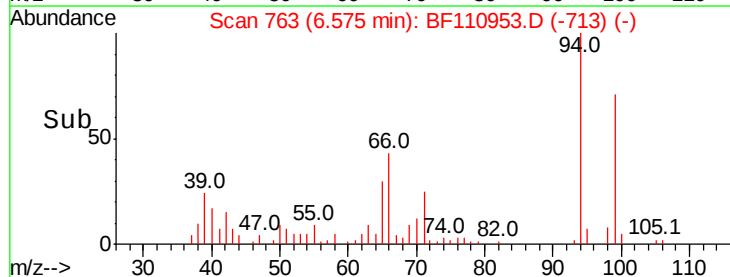
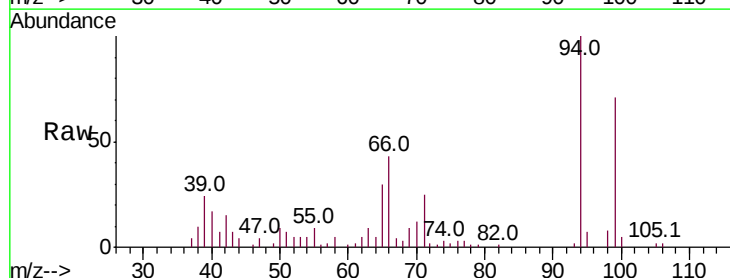
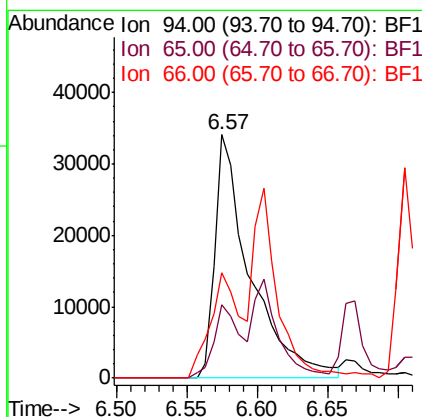
RT: 6.57 min Scan# 763

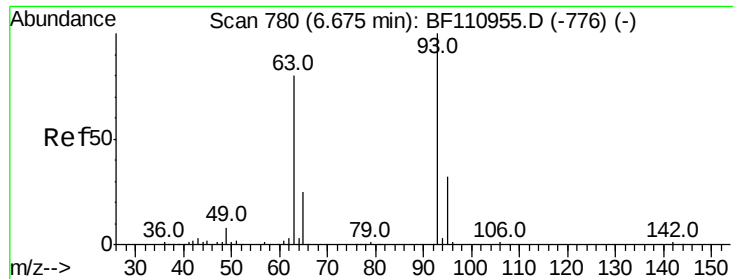
Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 59680 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 30.0  | 25.3  | 65.3  |
| 66       | 43.5  | 54.5  | 94.5# |





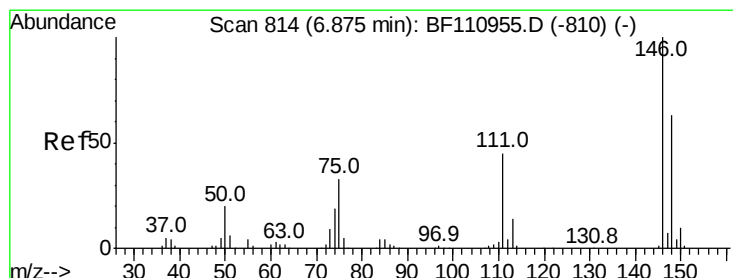
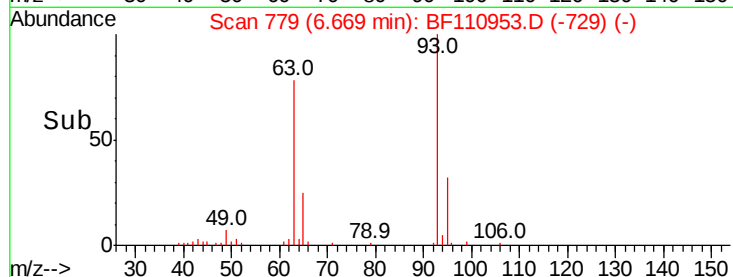
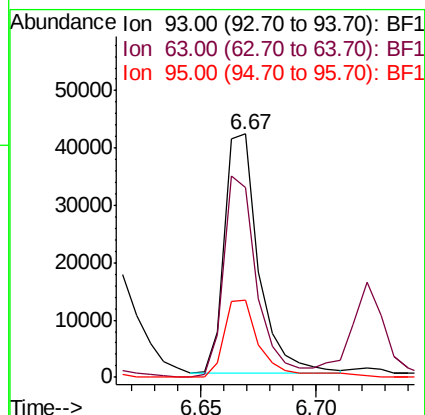
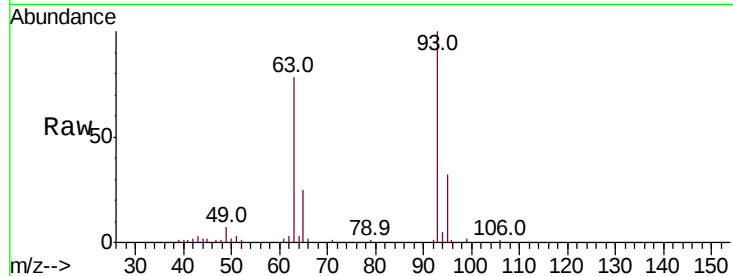
#11  
bis(2-Chloroethyl)ether  
Concen: 9.609 ng  
RT: 6.67 min Scan# 779  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 93    | Resp: | 42887 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 78.1  | 53.4  | 93.4  |
| 95       | 31.9  | 12.1  | 52.1  |

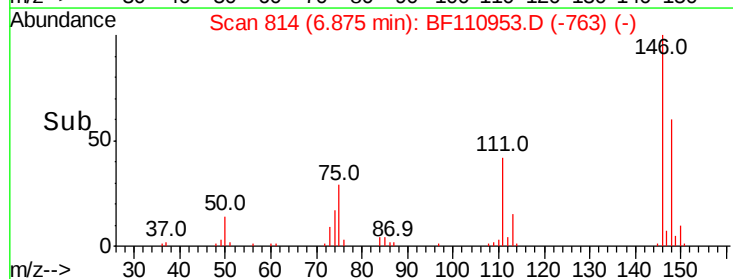
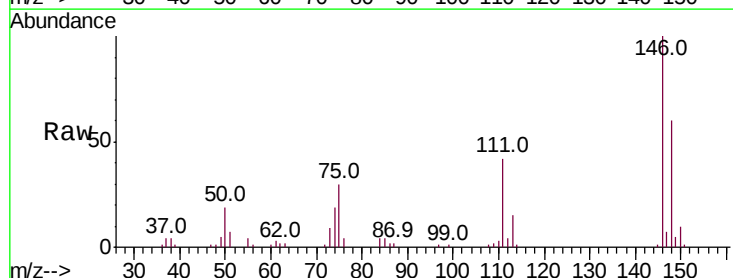
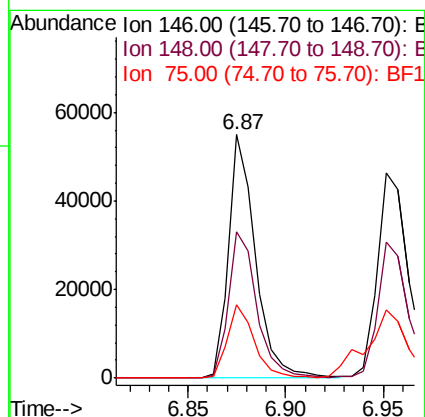
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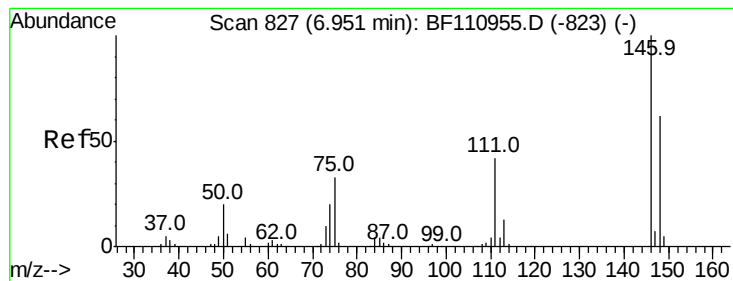
mohammad  
11/27/2018 11:35:51 AM



#12  
1,3-Dichlorobenzene  
Concen: 10.248 ng  
RT: 6.87 min Scan# 814  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 52796 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 59.9  | 50.4  | 75.6  |
| 75       | 29.9  | 25.8  | 38.6  |





#13

1,4-Dichlorobenzene

Concen: 10.426 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA\_F

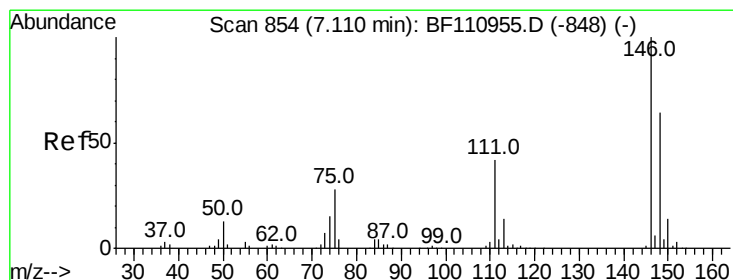
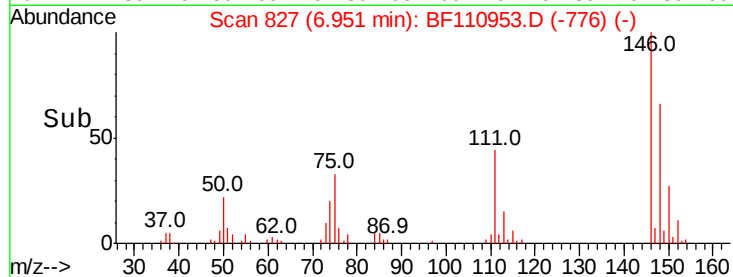
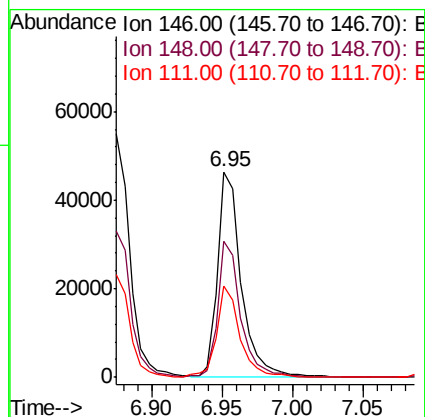
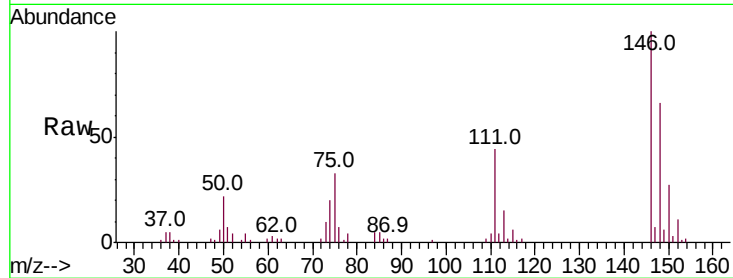
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 54547 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 66.1  | 50.3  | 75.5  |
| 111       | 44.2  | 32.7  | 49.1  |

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#14

1,2-Dichlorobenzene

Concen: 10.705 ng

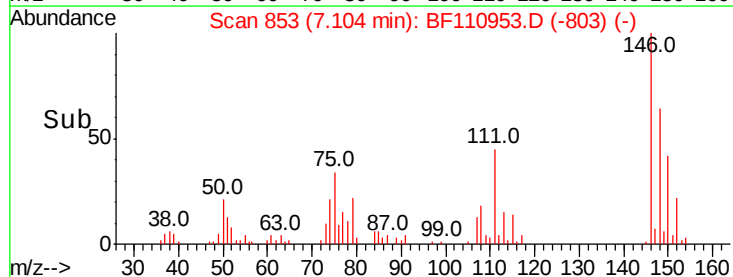
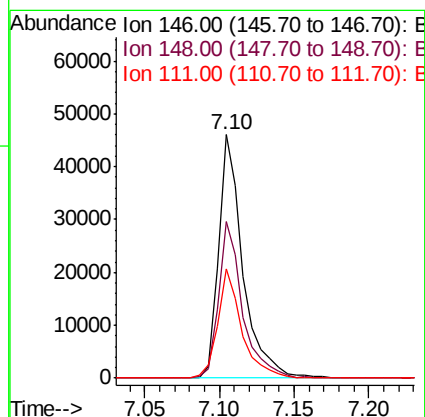
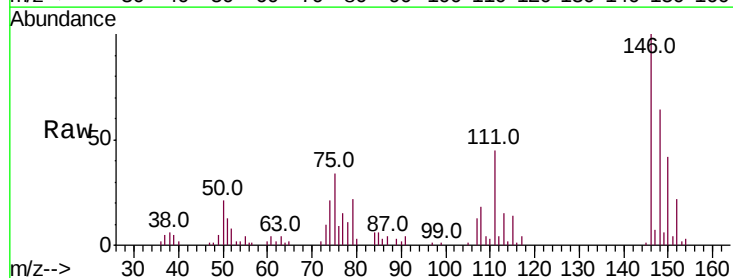
RT: 7.10 min Scan# 853

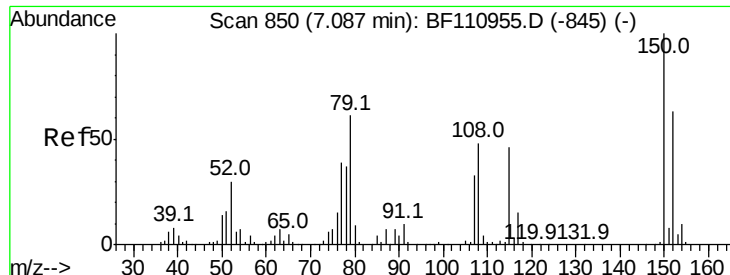
Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 52099 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.4  | 51.1  | 76.7  |
| 111       | 44.6  | 35.8  | 53.6  |





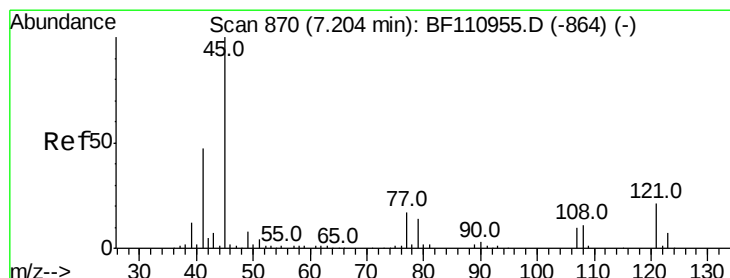
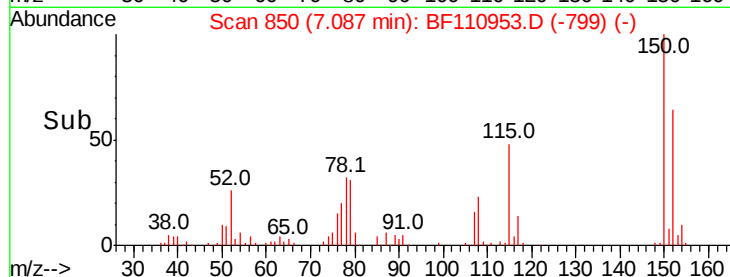
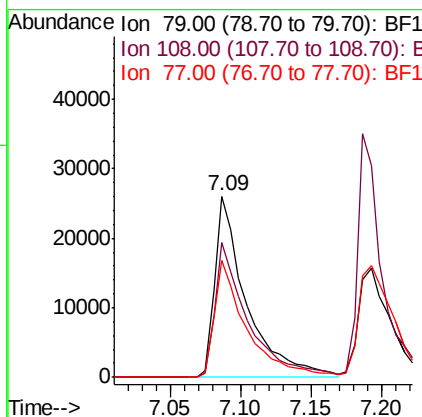
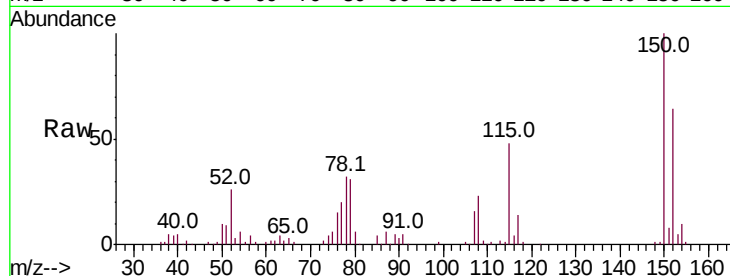
#15  
Benzyl Alcohol  
Concen: 10.103 ng  
RT: 7.09 min Scan# 850  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 74.2  | 56.3  | 84.5  |
| 77      | 64.2  | 52.9  | 79.3  |

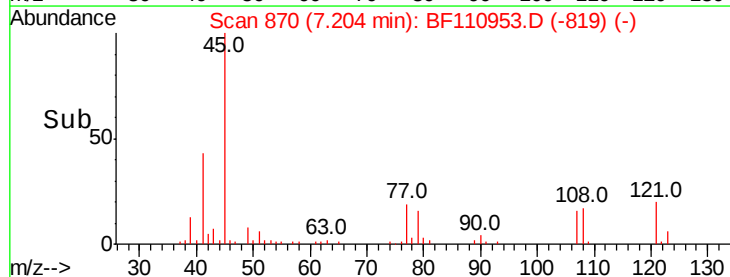
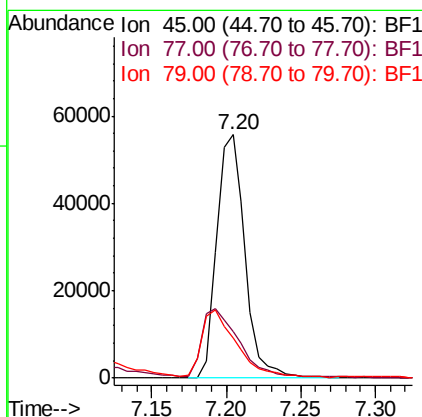
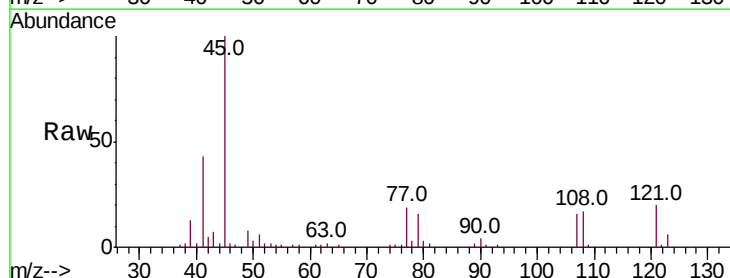
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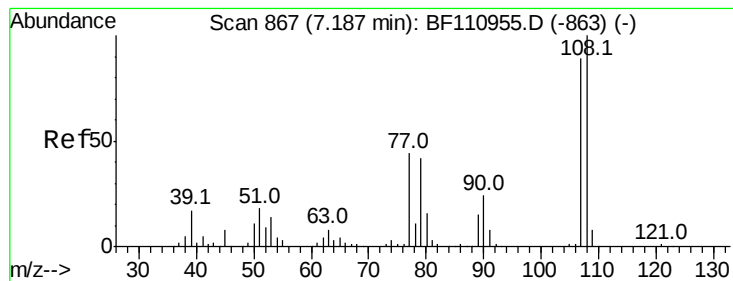
mohammad  
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 10.500 ng  
RT: 7.20 min Scan# 870  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 18.9  | 10.0  | 50.0  |
| 79      | 16.3  | 6.1   | 46.1  |





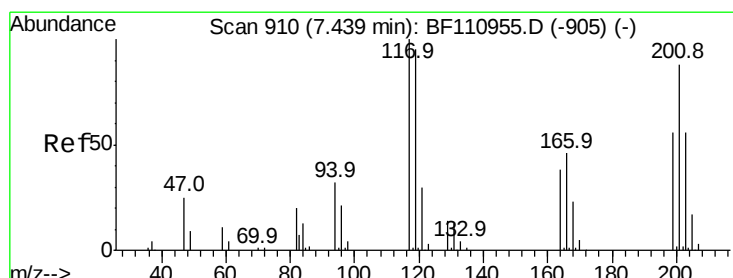
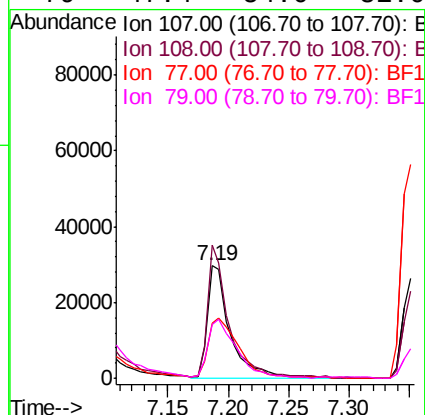
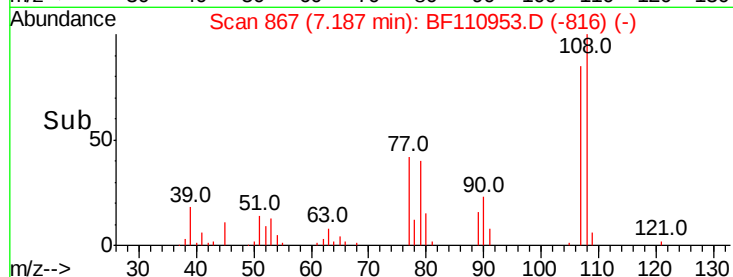
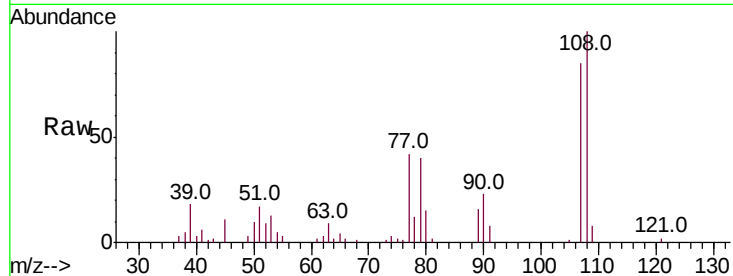
#17  
2-Methylphenol  
Concen: 10.421 ng  
RT: 7.19 min Scan# 867  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 118.3 | 92.6  | 138.8 |
| 77      | 49.5  | 59.4  | 89.2# |
| 79      | 47.4  | 54.0  | 81.0# |

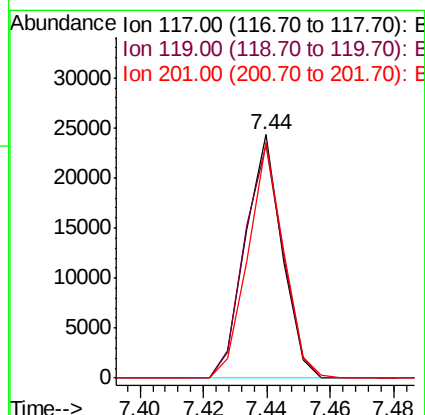
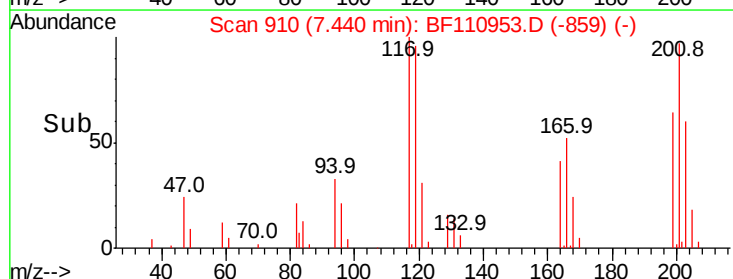
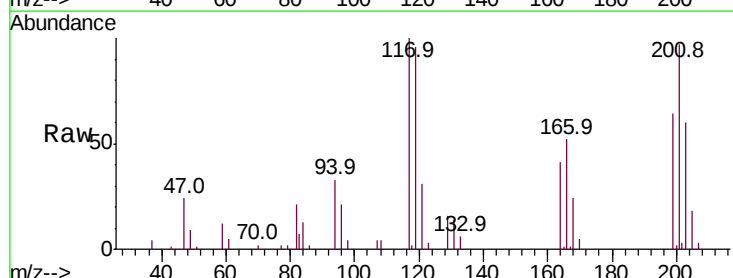
Manual Integrations  
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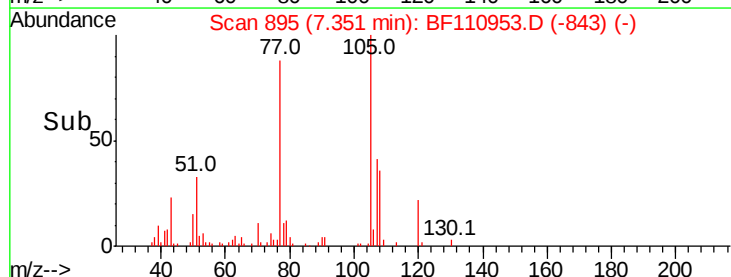
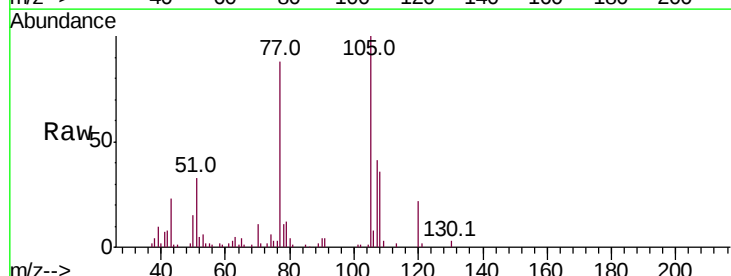
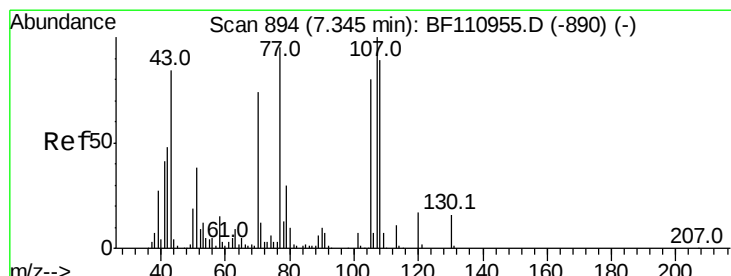
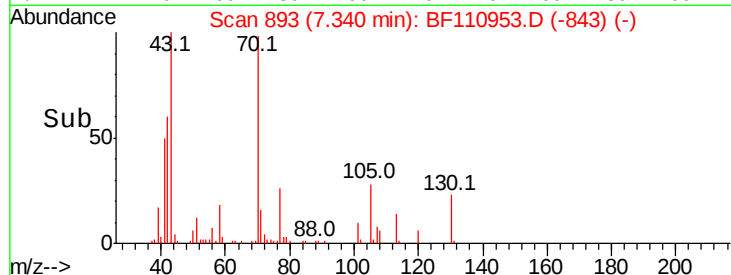
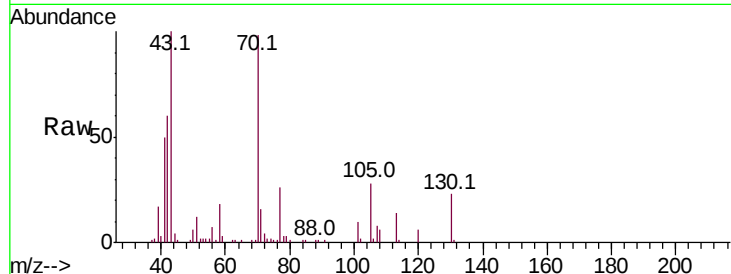
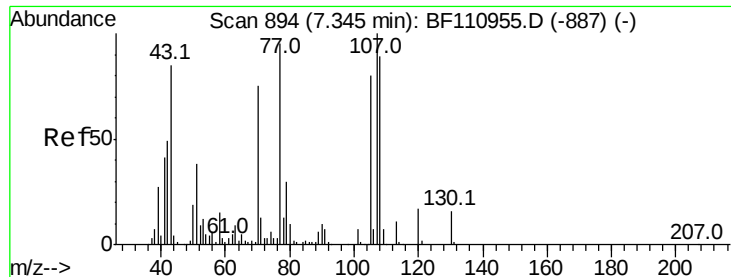
mohammad  
11/27/2018 11:35:51 AM



#18  
Hexachloroethane  
Concen: 10.113 ng  
RT: 7.44 min Scan# 910  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.0  | 75.0  | 112.6 |
| 201     | 97.0  | 79.2  | 118.8 |





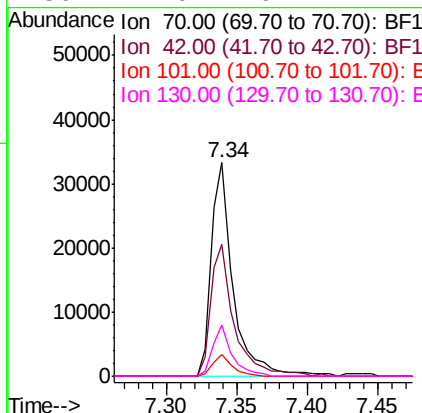
#19  
n-Nitroso-di-n-propylamine  
Concen: 10.905 ng  
RT: 7.34 min Scan# 893  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 61.5  | 47.4  | 71.2  |
| 101     | 10.0  | 7.3   | 10.9  |
| 130     | 24.0  | 16.2  | 24.2  |

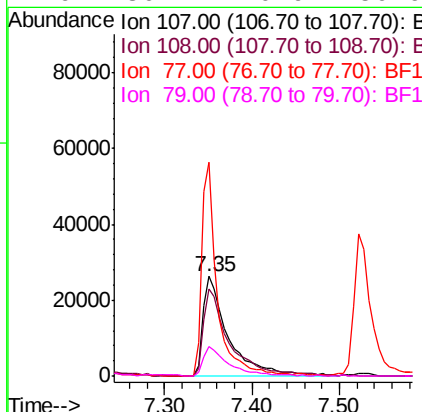
Manual Integrations  
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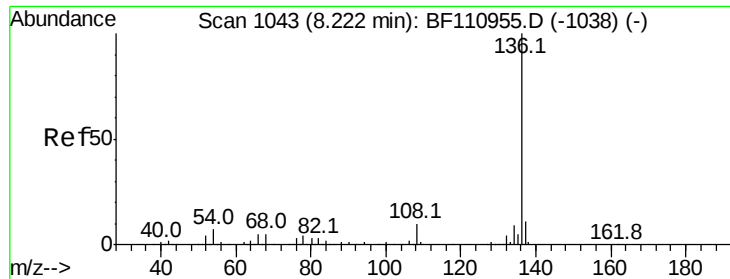
mohammad  
11/27/2018 11:35:51 AM



#20  
3+4-Methylphenols  
Concen: 10.942 ng  
RT: 7.35 min Scan# 895  
Delta R.T. 0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.8  | 71.4  | 111.4 |
| 77      | 214.1 | 47.3  | 87.3# |
| 79      | 30.1  | 10.9  | 50.9  |





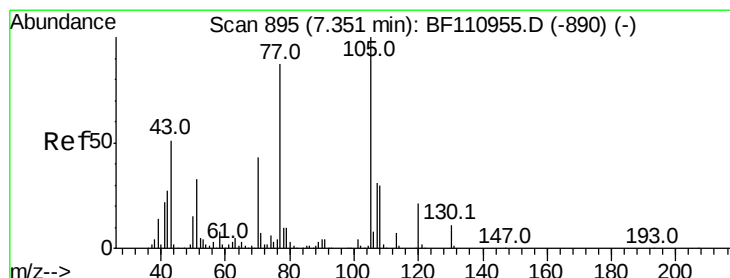
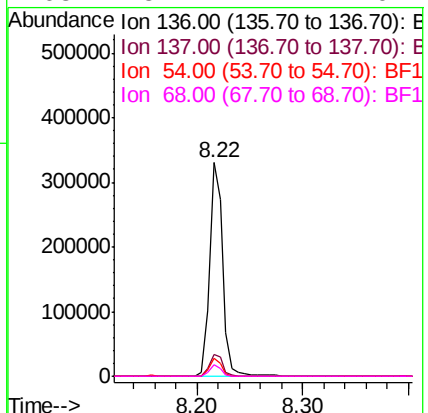
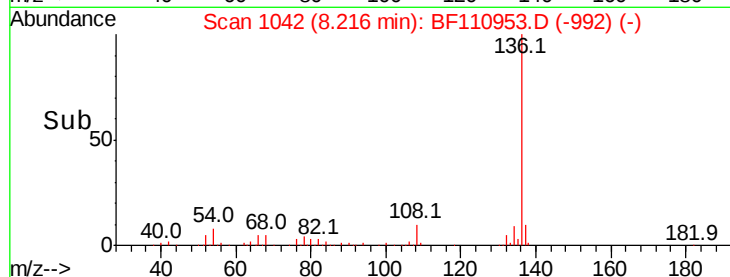
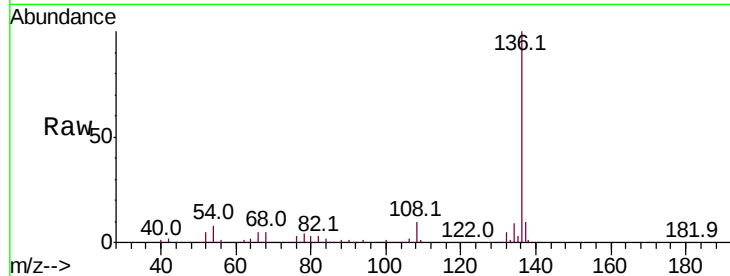
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.22 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.5  | 8.8  | 13.2  |       |
| 54      | 8.3   | 5.4  | 8.2#  |       |
| 68      | 5.4   | 4.2  | 6.2   |       |

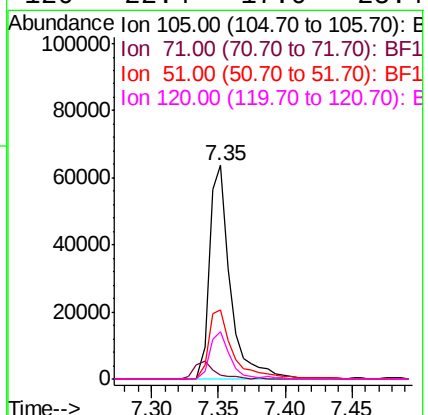
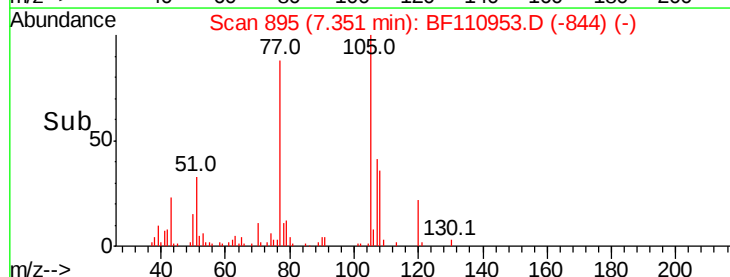
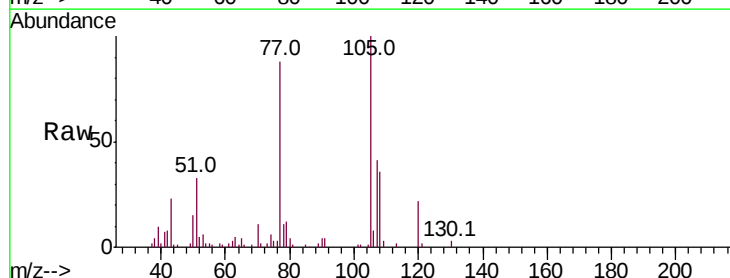
Manual Integrations  
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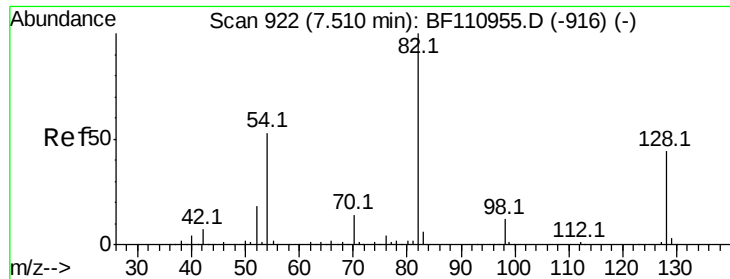
mohammad  
11/27/2018 11:35:51 AM



#22  
Acetophenone  
Concen: 10.492 ng  
RT: 7.35 min Scan# 895  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 2.1   | 5.2  | 7.8#  |       |
| 51      | 32.6  | 21.8 | 32.8  |       |
| 120     | 22.4  | 17.0 | 25.4  |       |





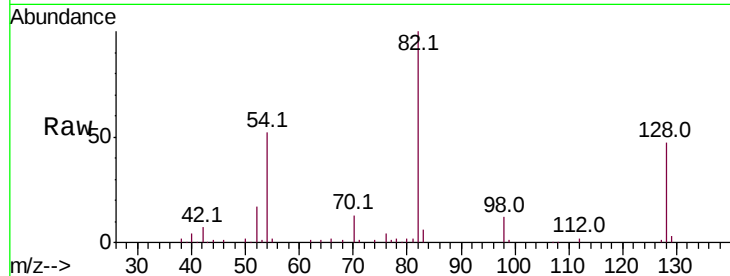
#23  
 Nitrobenzene-d5  
 Concen: 20.378 ng  
 RT: 7.50 min Scan# 921  
 Delta R.T. -0.01 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

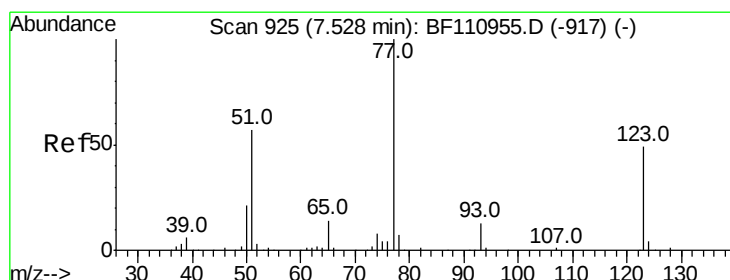
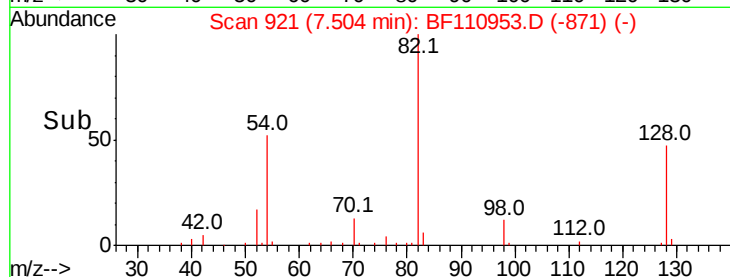
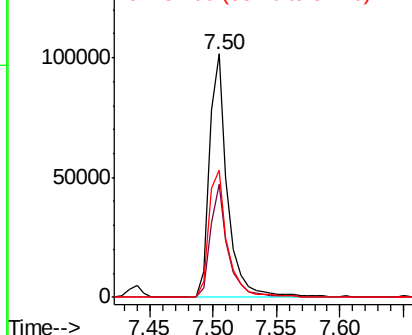
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.7  | 34.2  | 51.2  |
| 54      | 52.3  | 38.6  | 58.0  |

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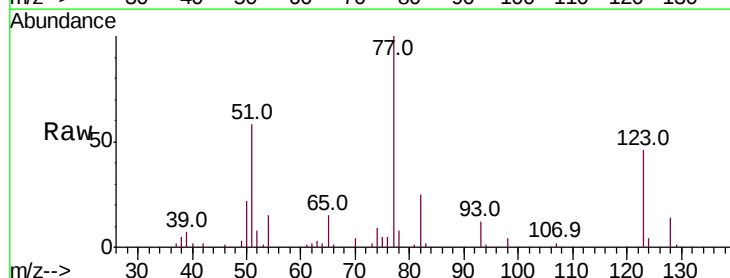


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

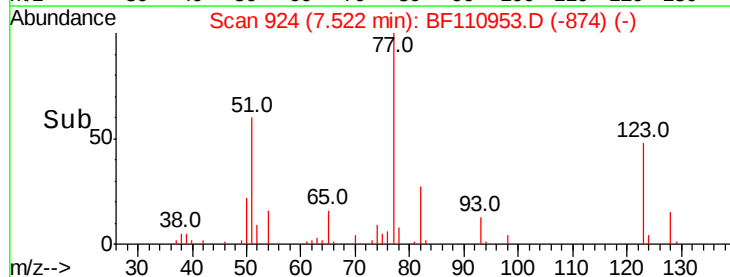
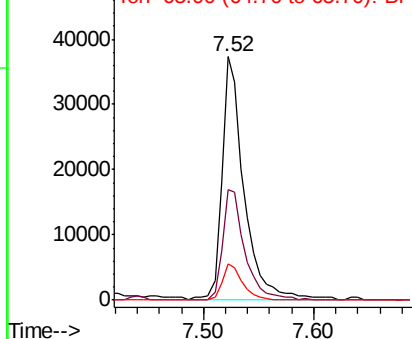


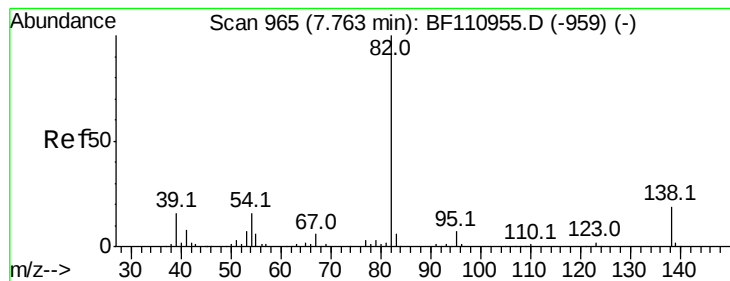
#24  
 Nitrobenzene  
 Concen: 10.209 ng  
 RT: 7.52 min Scan# 924  
 Delta R.T. -0.01 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 45.6  | 35.7  | 53.5  |
| 65      | 14.8  | 10.7  | 16.1  |



Abundance Ion 77.00 (76.70 to 77.70): BF1  
 Ion 123.00 (122.70 to 123.70): BF1  
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 10.267 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

Tot Ion: 82 Resp: 84009

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

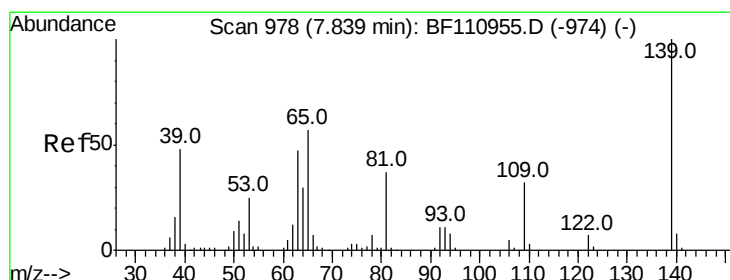
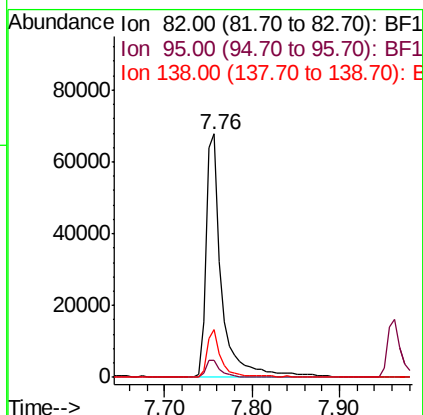
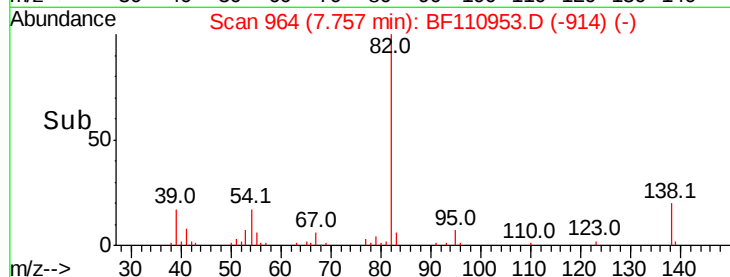
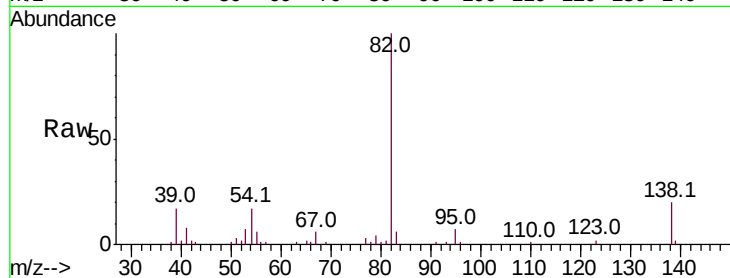
138 19.6 13.2 19.8

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#26

2-Nitrophenol

Concen: 9.644 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

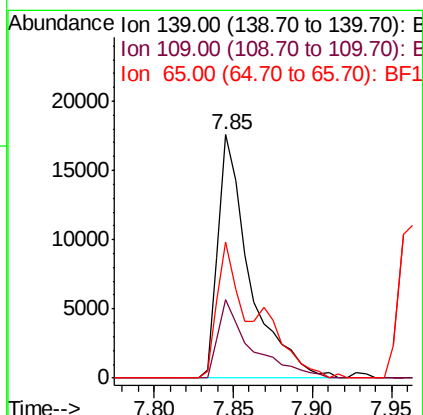
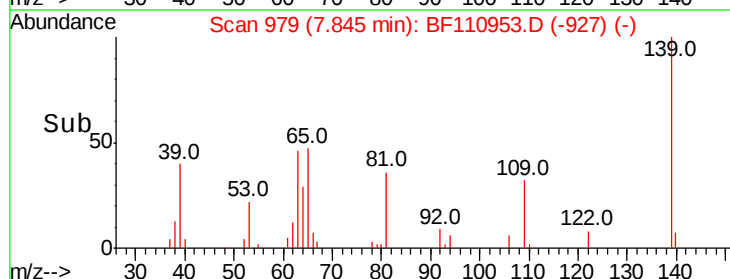
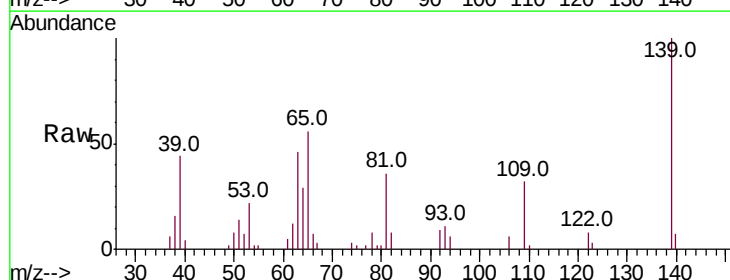
Tgt Ion: 139 Resp: 24608

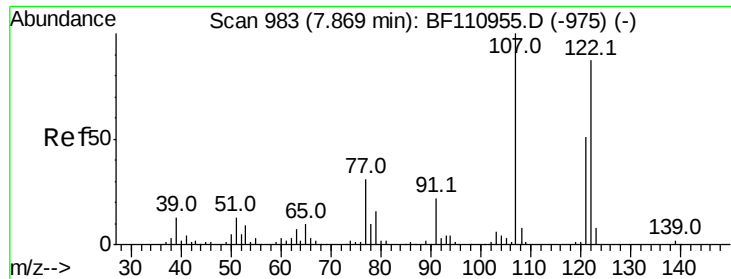
Ion Ratio Lower Upper

139 100

109 32.1 25.0 37.6

65 55.7 44.0 66.0





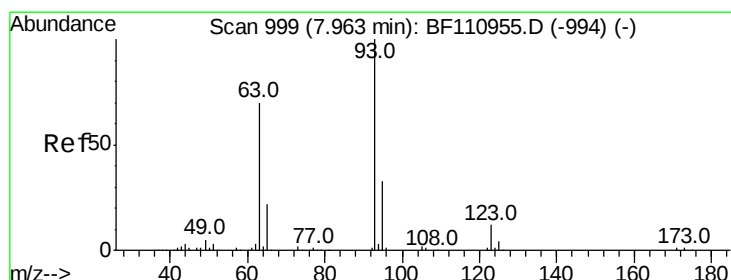
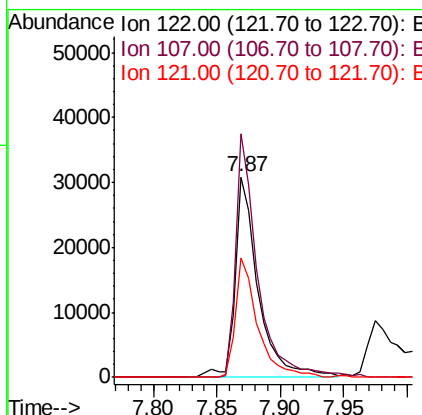
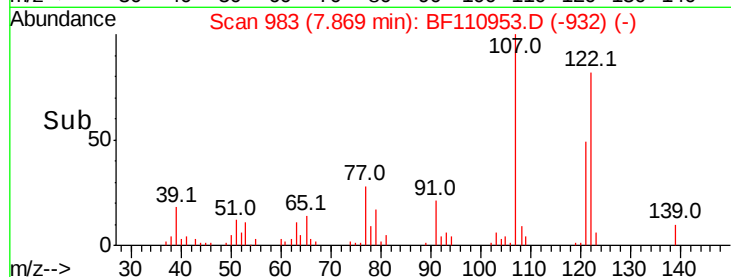
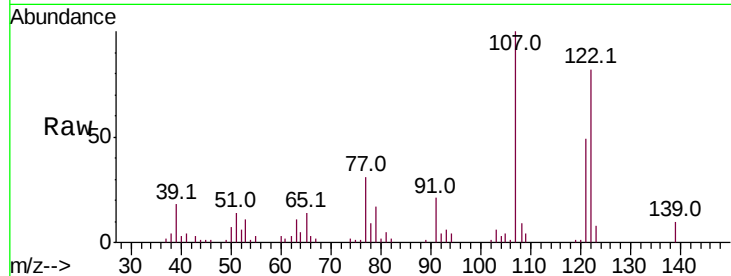
#27  
2,4-Dimethylphenol  
Concen: 9.923 ng  
RT: 7.87 min Scan# 983  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 121.5 | 92.5  | 138.7 |
| 121     | 59.6  | 45.8  | 68.8  |

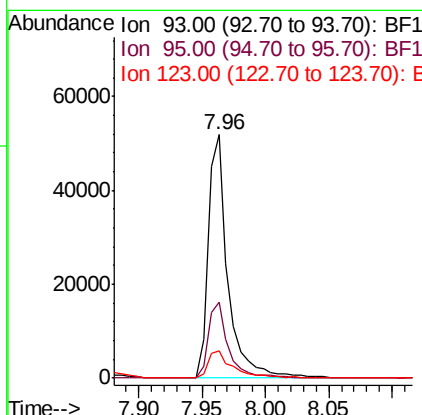
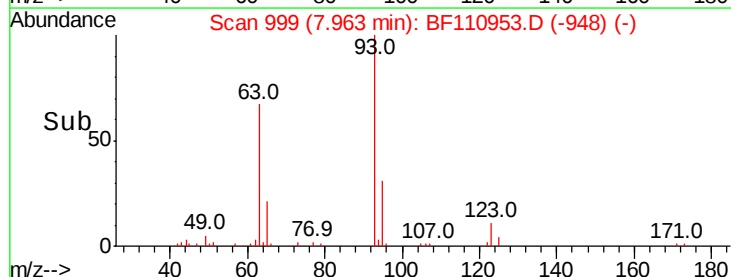
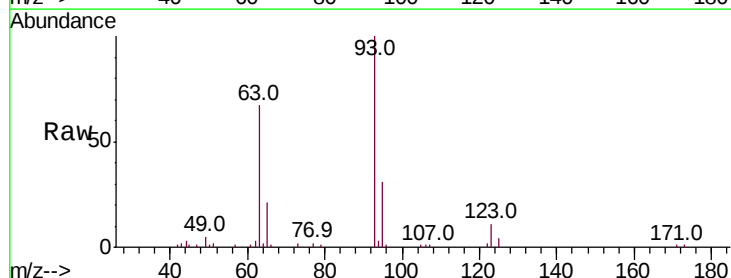
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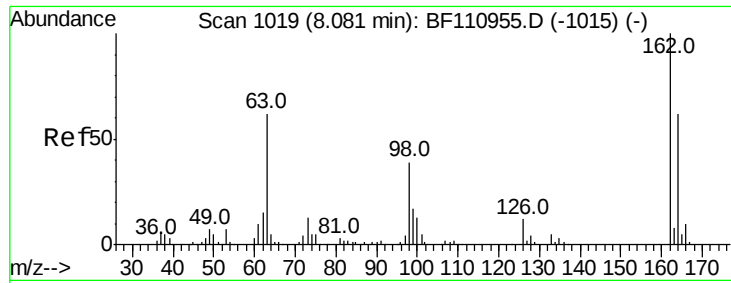
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#28  
bis(2-Chloroethoxy)methane  
Concen: 10.165 ng  
RT: 7.96 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.0  | 26.4  | 39.6  |
| 123     | 11.5  | 9.0   | 13.6  |





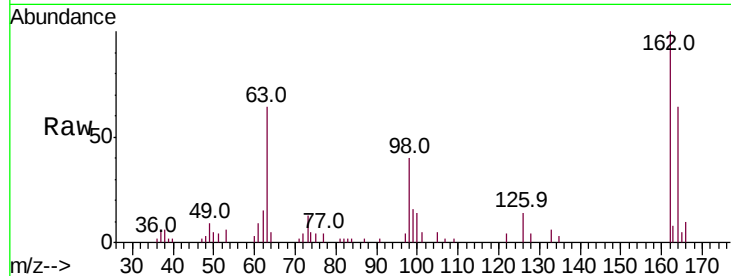
#29  
2,4-Dichlorophenol  
Concen: 10.070 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. 0.02 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 40265 |       |       |
| 164     | 64.2  |       | 44.6  | 84.6  |
| 98      | 40.3  |       | 17.4  | 57.4  |

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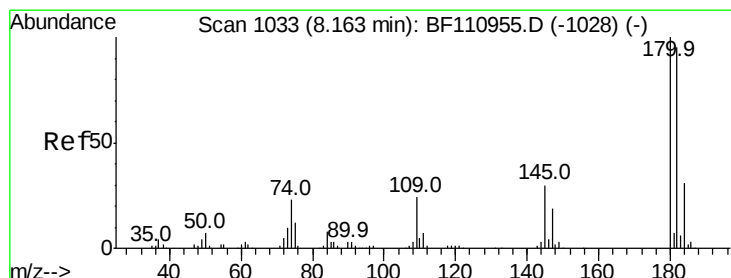
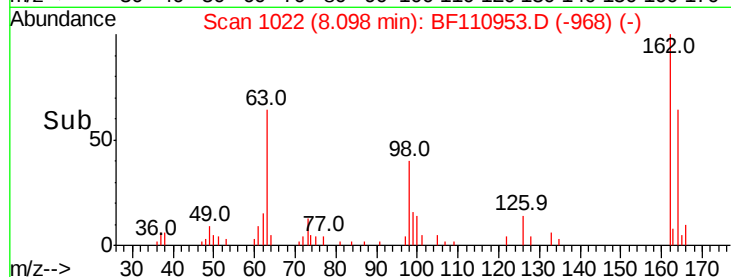
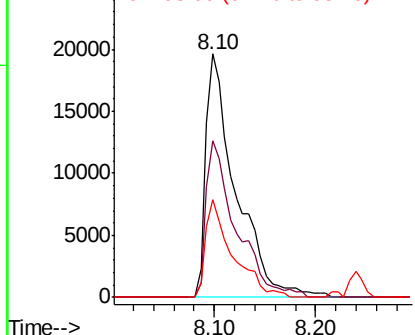


Abundance

Ion 162.00 (161.70 to 162.70): E

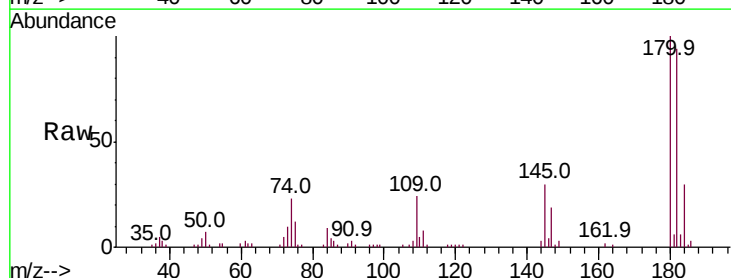
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 10.241 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 46169 |       |       |
| 182     | 93.9  |       | 80.3  | 120.5 |
| 145     | 29.5  |       | 25.4  | 38.0  |

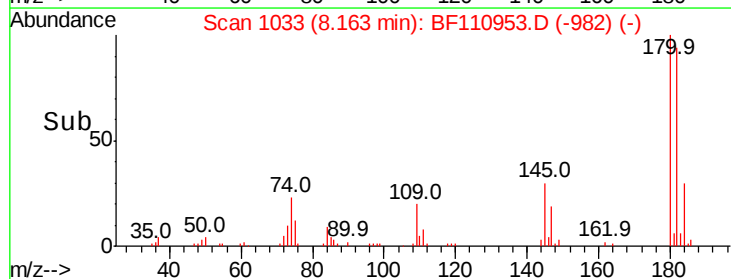
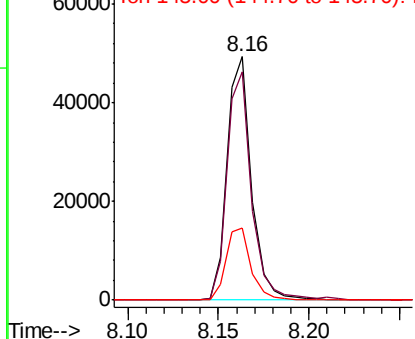


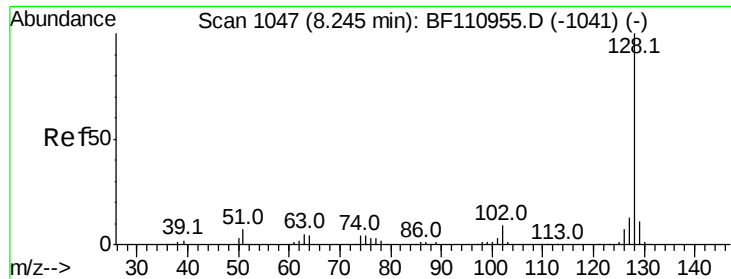
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





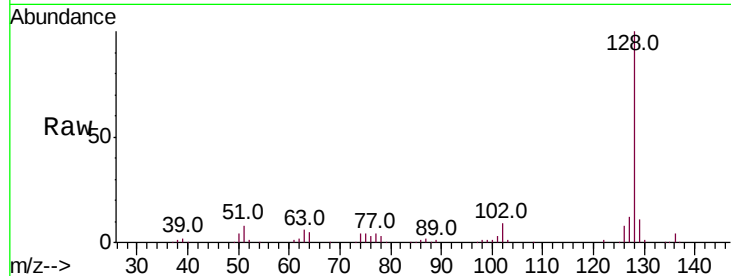
#31  
Naphthalene  
Concen: 10.390 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.8   | 13.2  |
| 127     | 12.4  | 10.8  | 16.2  |

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11/27/2018 11:35:51 AM

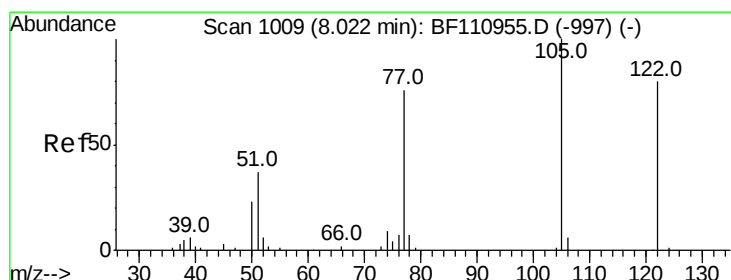
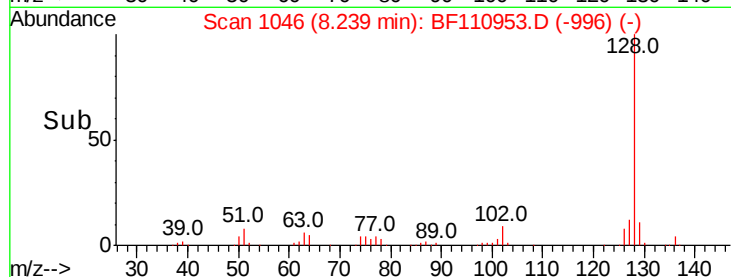
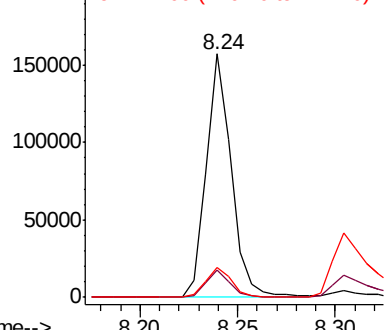


Abundance

Ion 128.00 (127.70 to 128.70): E

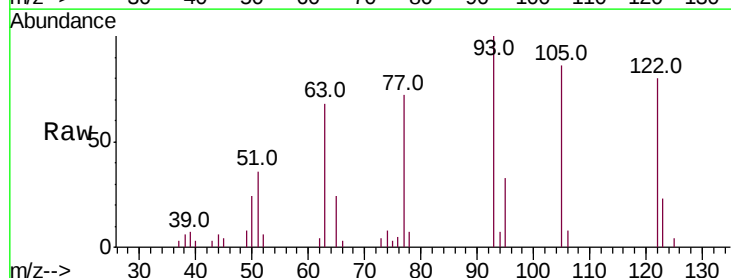
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 8.613 ng m  
RT: 7.97 min Scan# 1001  
Delta R.T. -0.05 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 108.0 | 109.0 | 149.0# |
| 77      | 90.8  | 79.0  | 119.0  |

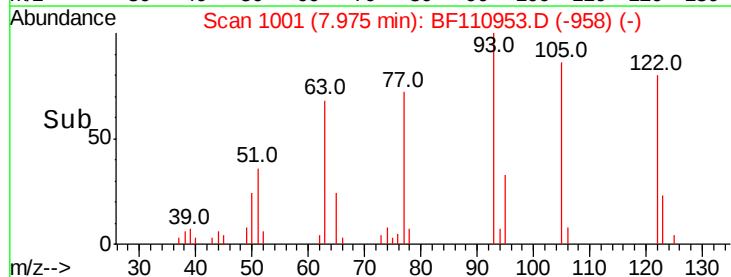
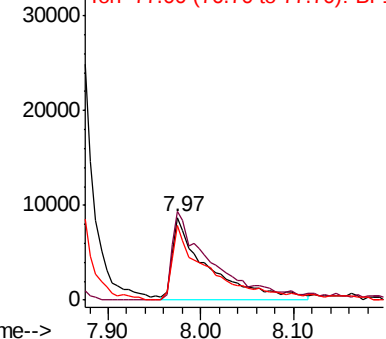


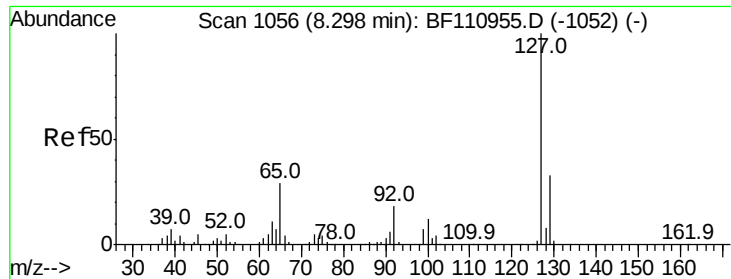
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





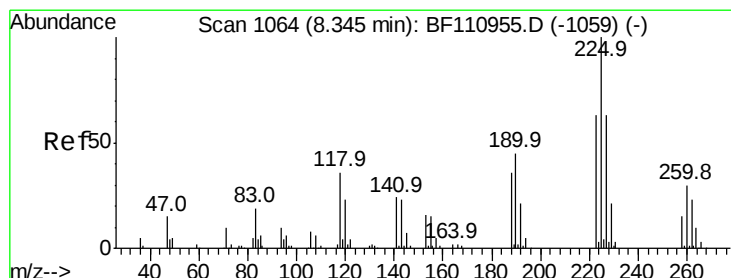
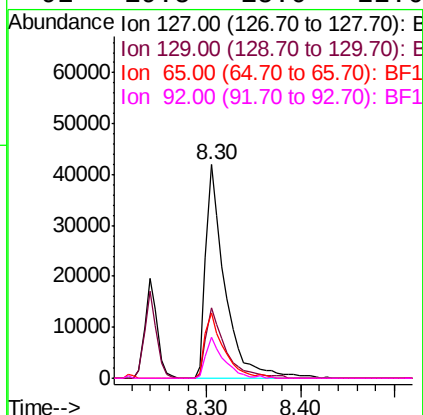
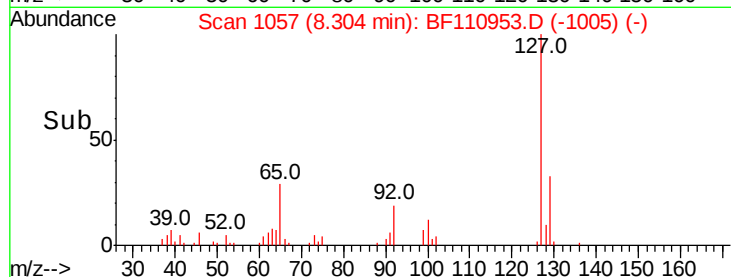
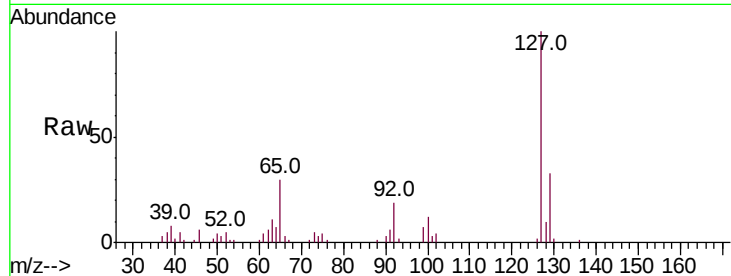
#33  
4-Chloroaniline  
Concen: 9.876 ng  
RT: 8.30 min Scan# 1057  
Delta R.T. 0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 60374 |       |       |
| 129     | 33.2 | 26.0  | 39.0  |       |       |
| 65      | 30.5 | 25.1  | 37.7  |       |       |
| 92      | 19.5 | 15.0  | 22.6  |       |       |

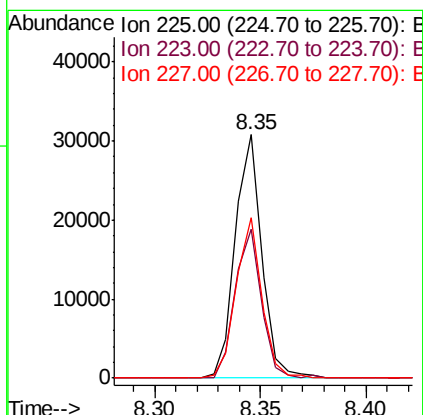
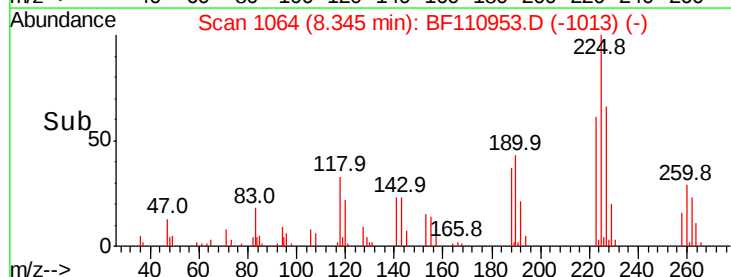
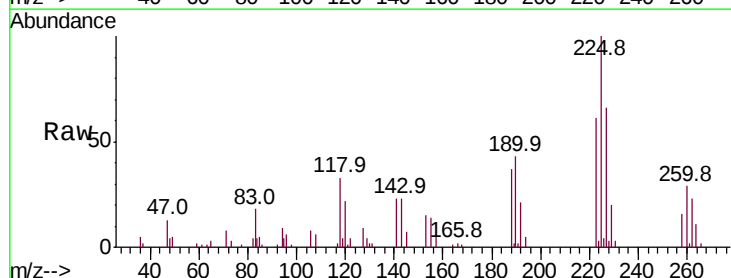
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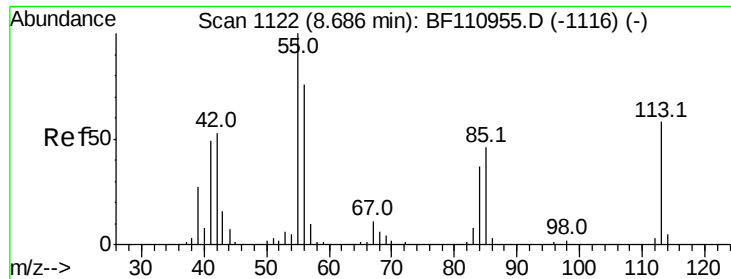
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#34  
Hexachlorobutadiene  
Concen: 10.329 ng  
RT: 8.35 min Scan# 1064  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 26599 |       |       |
| 223     | 61.0 | 51.4  | 77.2  |       |       |
| 227     | 66.0 | 51.0  | 76.6  |       |       |





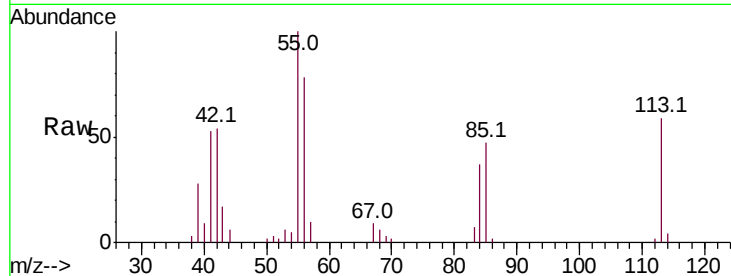
#35  
Caprolactam  
Concen: 10.266 ng  
RT: 8.65 min Scan# 1116  
Delta R.T. -0.04 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

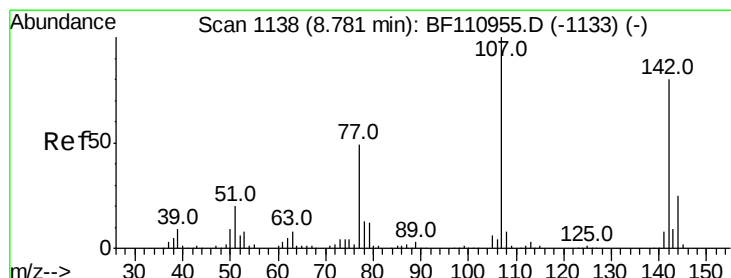
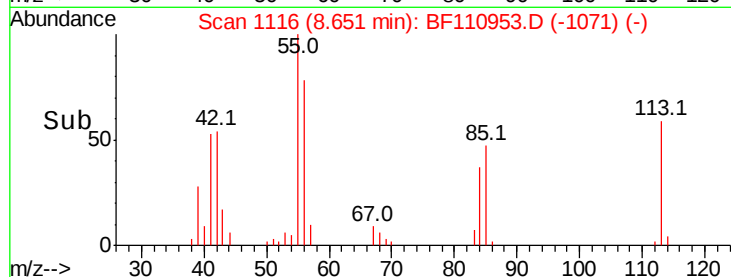
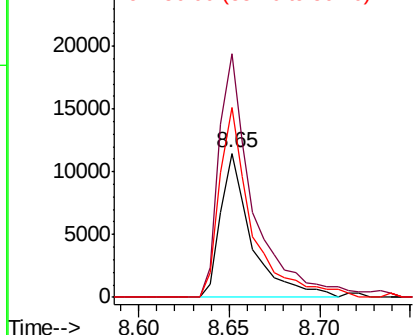
Tot Ion:113 Resp: 13715  
Ion Ratio Lower Upper  
113 100  
55 169.1 142.8 182.8  
56 131.6 105.0 145.0

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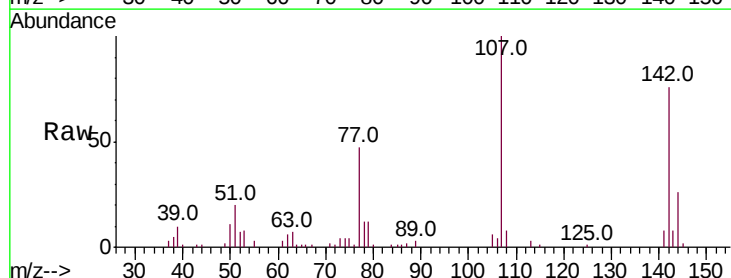


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

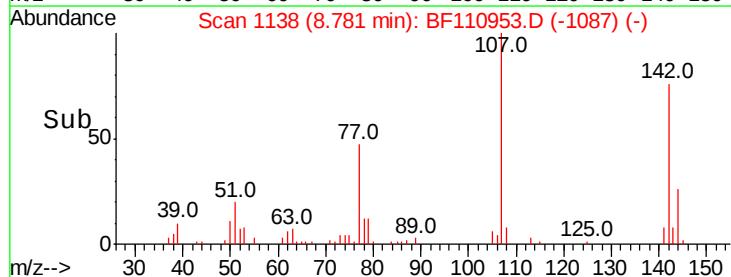
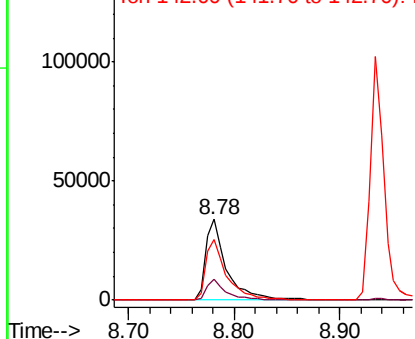


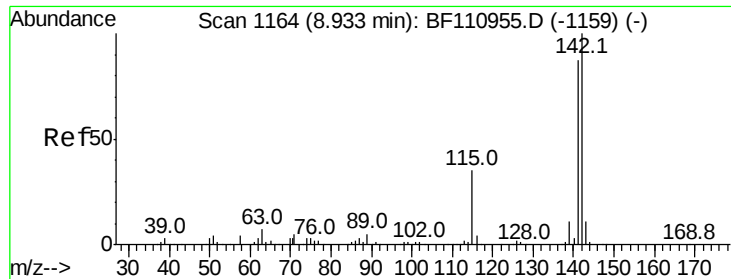
#36  
4-Chloro-3-methylphenol  
Concen: 10.798 ng  
RT: 8.78 min Scan# 1138  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Tgt Ion:107 Resp: 46566  
Ion Ratio Lower Upper  
107 100  
144 26.0 20.0 30.0  
142 75.8 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





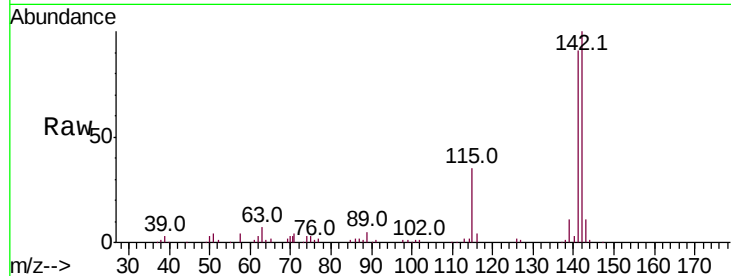
#37  
2-Methylnaphthalene  
Concen: 10.365 ng  
RT: 8.93 min Scan# 1164  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

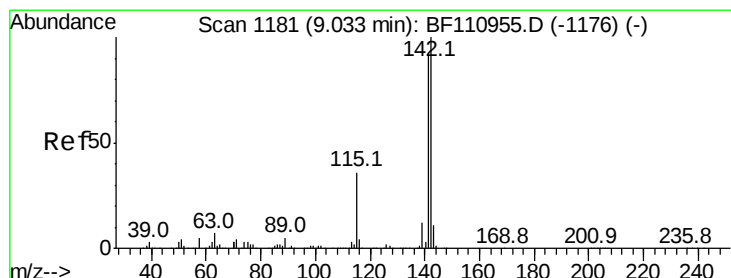
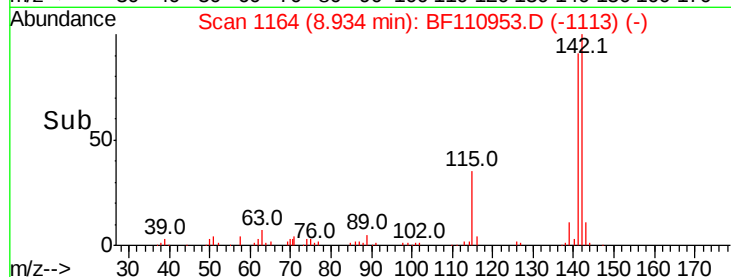
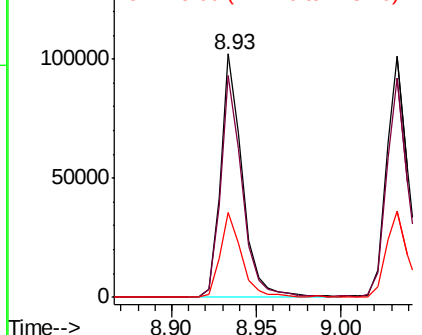
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.2  | 71.4  | 107.2 |
| 115     | 34.8  | 28.7  | 43.1  |

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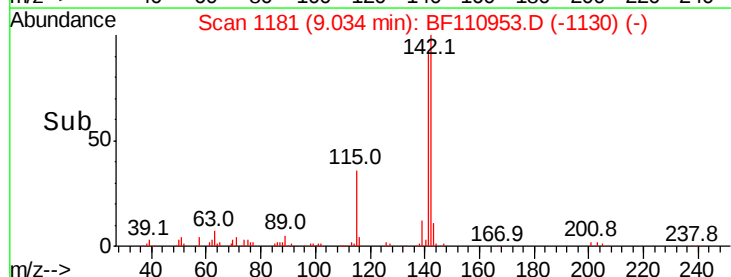
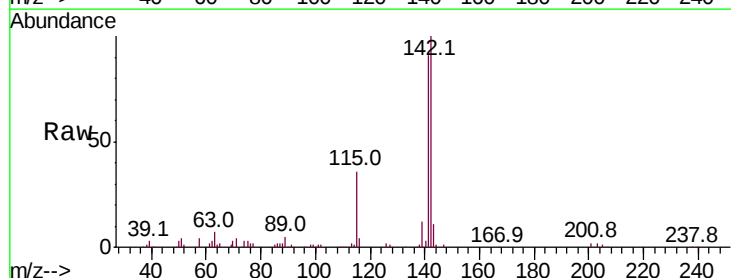
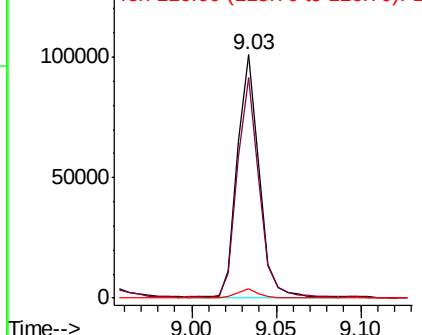
Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

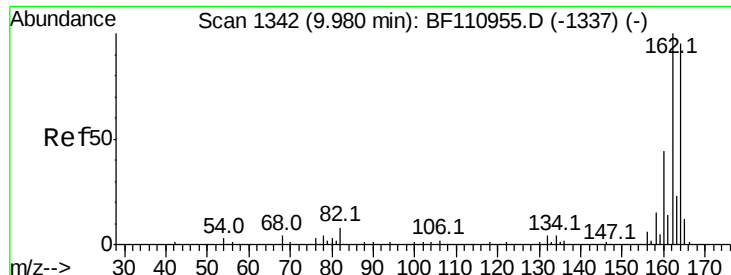


#38  
1-Methylnaphthalene  
Concen: 10.495 ng  
RT: 9.03 min Scan# 1181  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.8  | 74.2  | 111.4 |
| 116     | 3.7   | 2.6   | 4.0   |

Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E





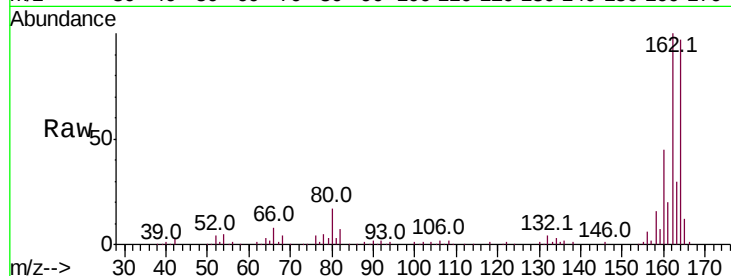
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

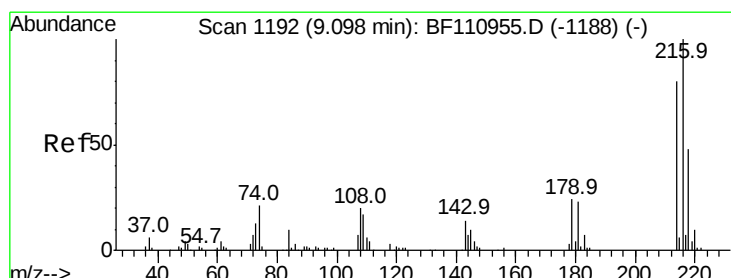
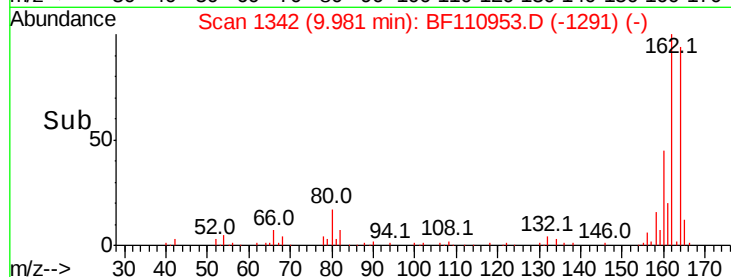
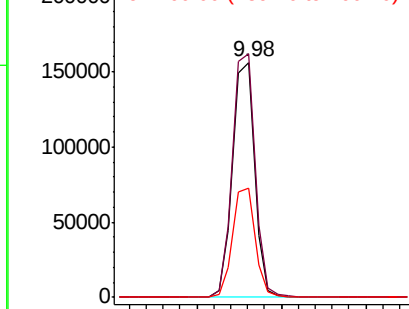
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.6 | 83.0  | 124.6 |
| 160     | 46.2  | 37.0  | 55.6  |

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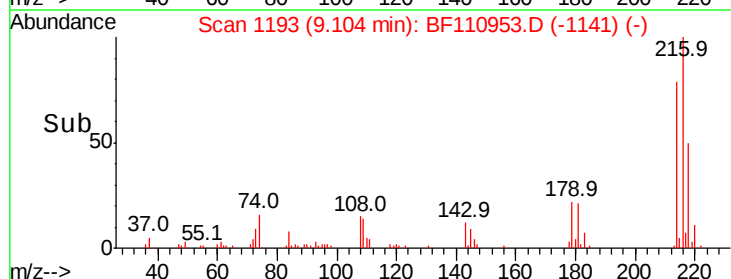
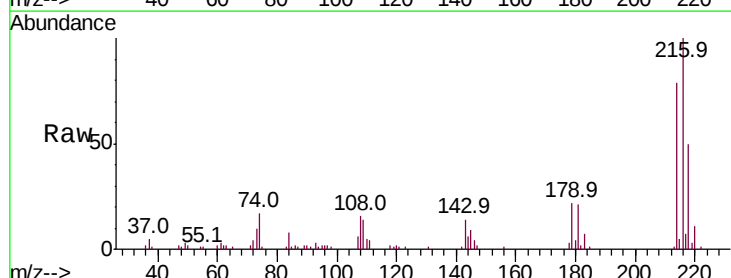
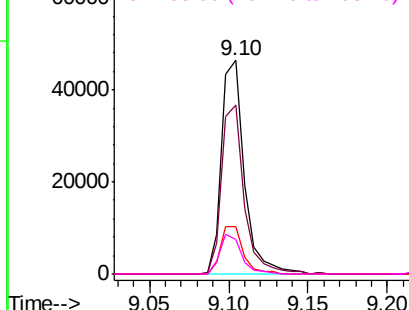
Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

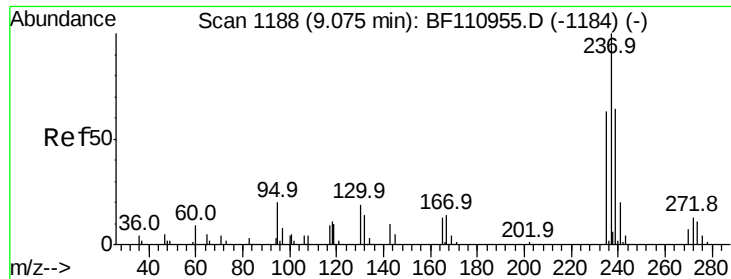


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 10.324 ng  
RT: 9.10 min Scan# 1193  
Delta R.T. 0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.0  | 63.8  | 95.6  |
| 179     | 21.9  | 16.6  | 25.0  |
| 108     | 17.5  | 15.1  | 22.7  |

Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 0.250 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA\_F

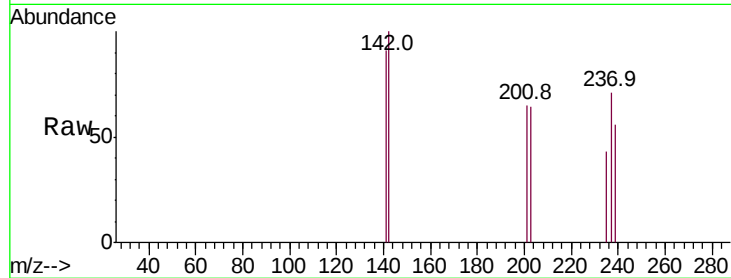
ClientSampleId :

SSTDIC010

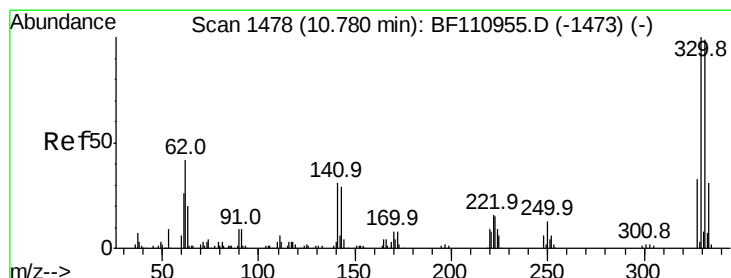
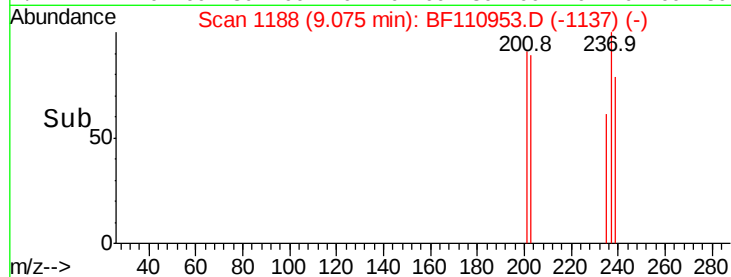
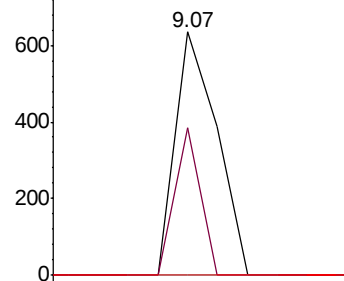
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 237   | Resp: | 361  |
| Ion Ratio | Lower | Upper |      |
| 237       | 100   |       |      |
| 235       | 60.8  | 43.1  | 83.1 |
| 272       | 0.0   | 0.0   | 32.6 |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 20.344 ng

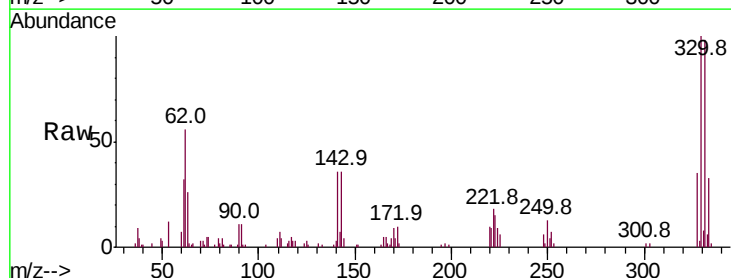
RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

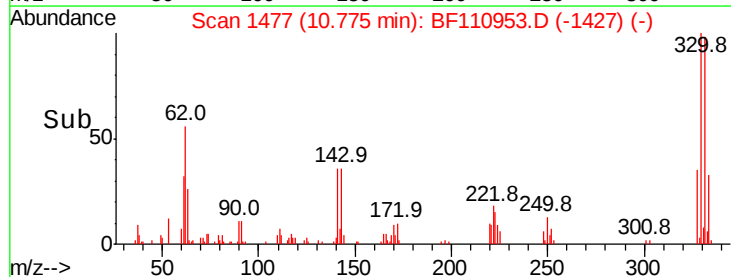
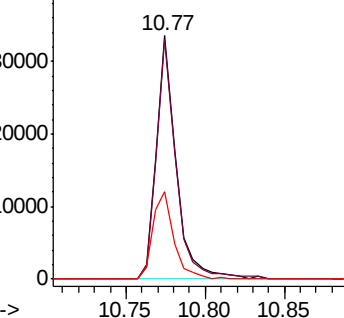
Lab File: BF110953.D

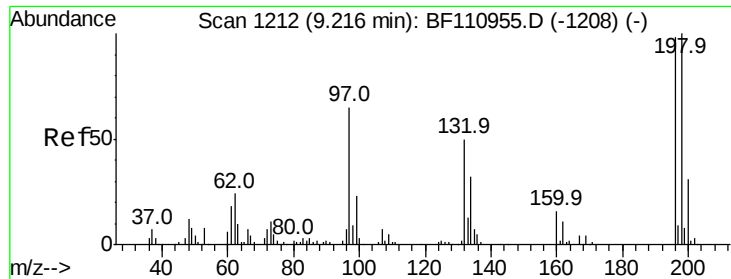
Acq: 26 Nov 2018 10:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 29190 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 97.4  | 77.1  | 115.7 |
| 141       | 38.3  | 27.0  | 40.4  |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





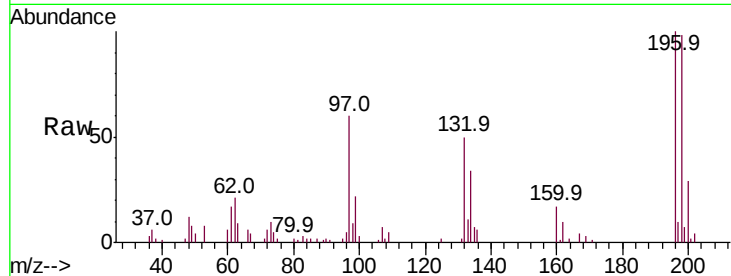
#43  
 2,4,6-Trichlorophenol  
 Concen: 9.572 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. 0.01 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 27112 |       |       |
| 198     | 97.9  | 76.2  | 114.4 |       |
| 200     | 29.1  | 24.4  | 36.6  |       |

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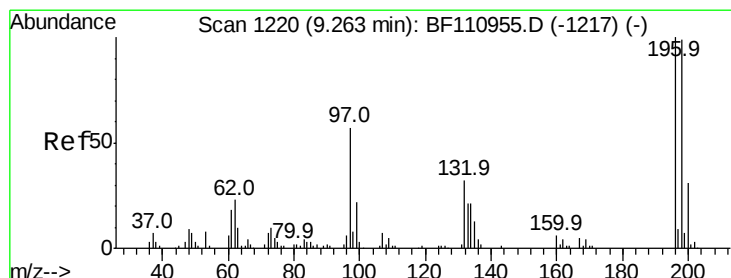
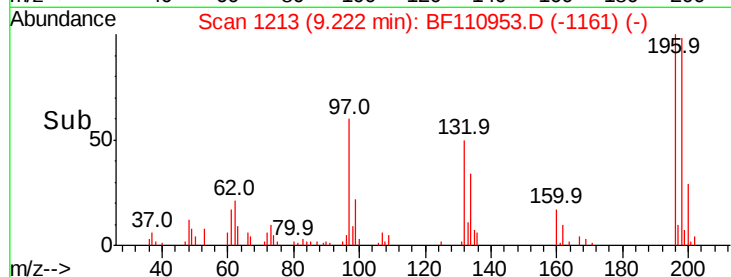
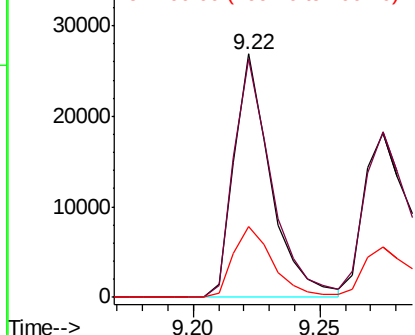


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 9.825 ng  
 RT: 9.27 min Scan# 1222  
 Delta R.T. 0.01 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 29686 |       |       |
| 198     | 100.5 | 75.8  | 113.6 |       |
| 97      | 53.4  | 42.4  | 63.6  |       |
| 132     | 30.3  | 22.8  | 34.2  |       |

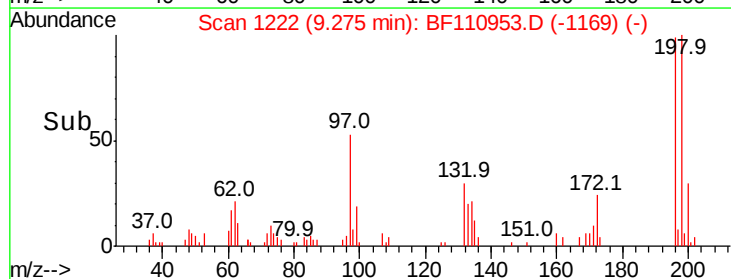
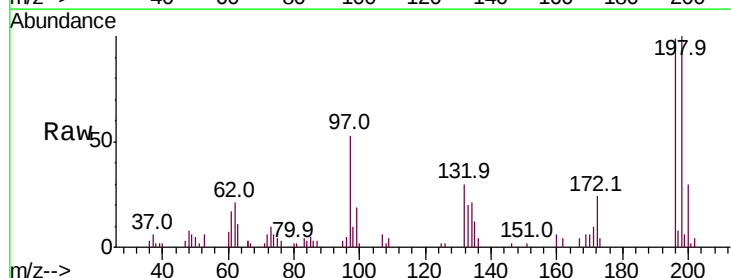
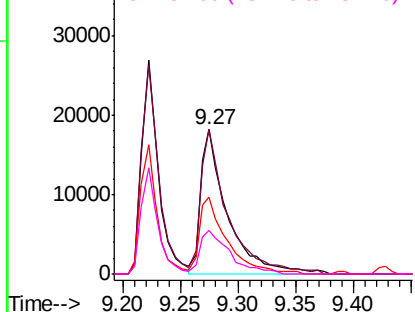
Abundance

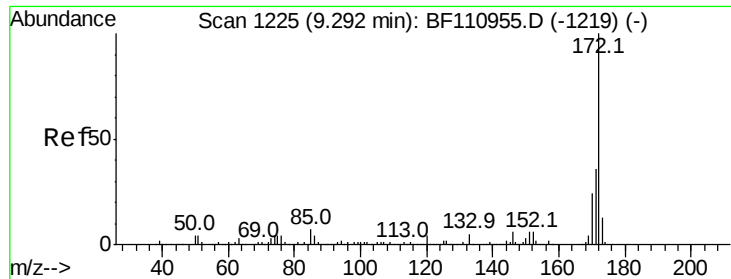
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





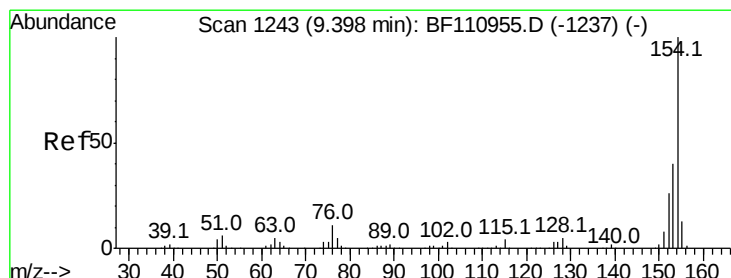
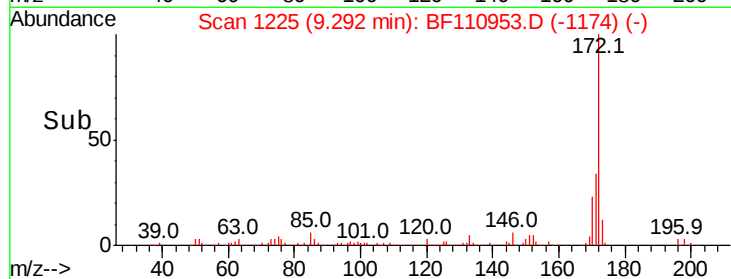
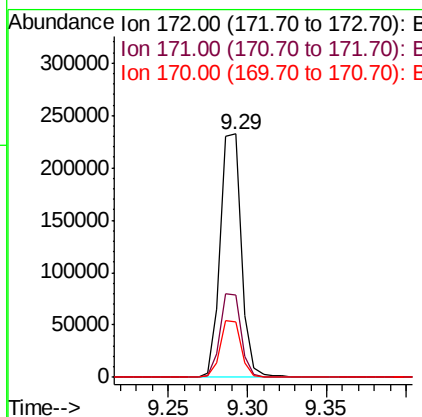
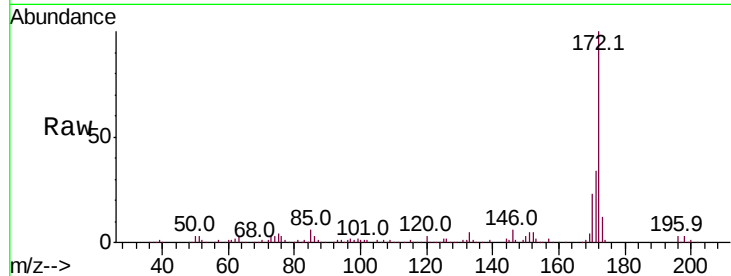
#45  
2-Fluorobiphenyl  
Concen: 21.561 ng  
RT: 9.29 min Scan# 1225  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 214968 |       |       |
| 171     | 34.0  |        | 28.6  | 43.0  |
| 170     | 23.0  |        | 19.7  | 29.5  |

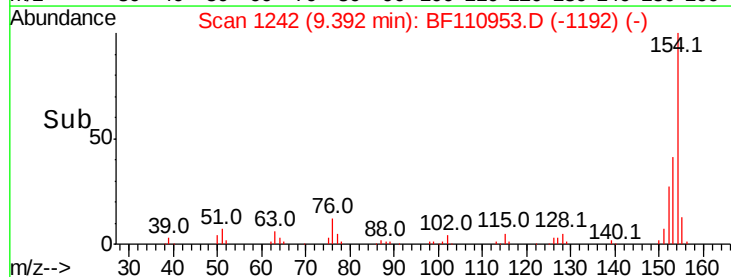
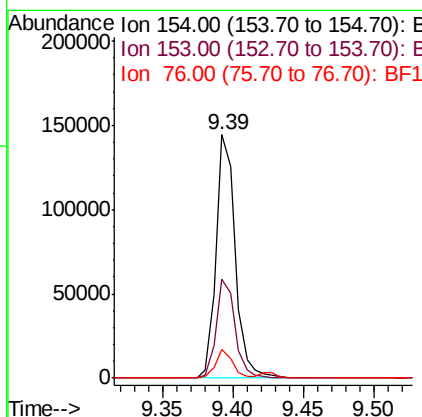
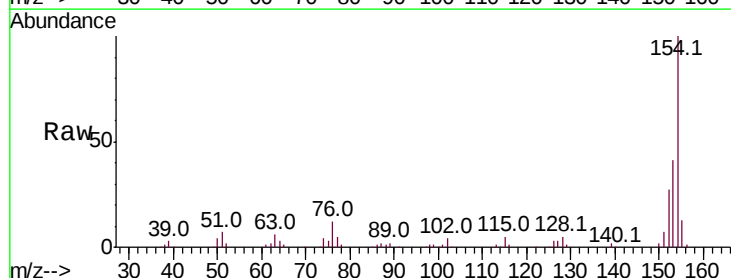
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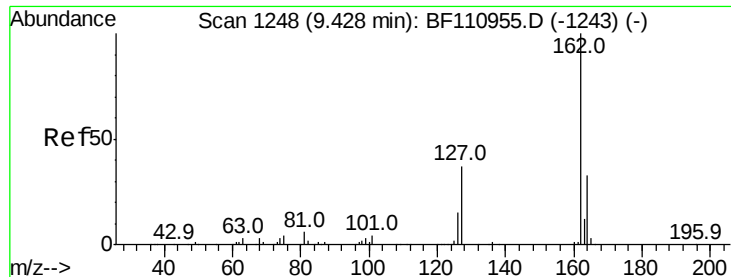
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#46  
1,1'-Biphenyl  
Concen: 10.296 ng  
RT: 9.39 min Scan# 1242  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 136771 |       |       |
| 153     | 40.6  |        | 20.4  | 60.4  |
| 76      | 12.0  |        | 0.0   | 31.9  |





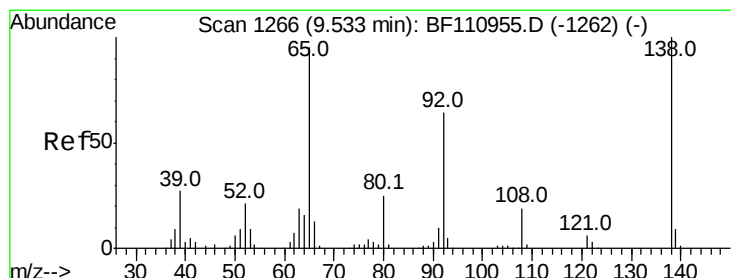
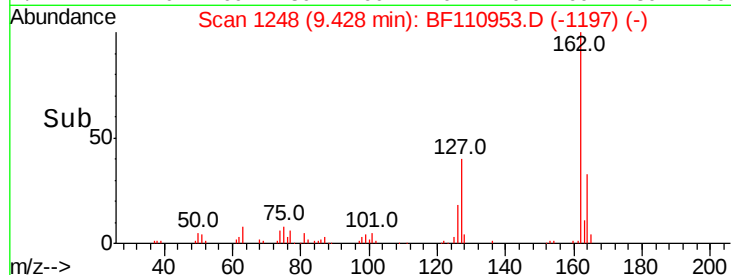
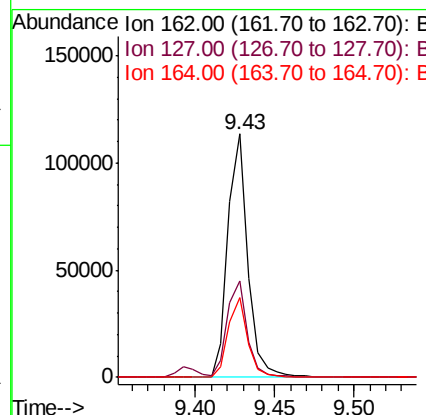
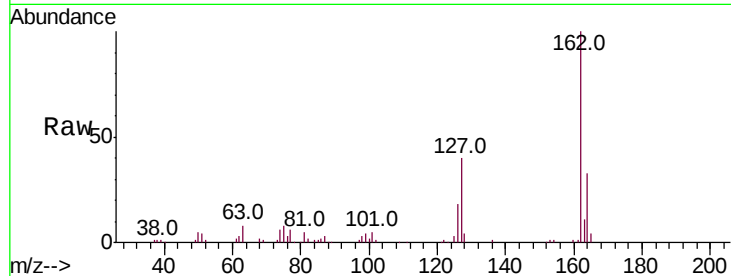
#47  
2-Chloronaphthalene  
Concen: 10.319 ng  
RT: 9.43 min Scan# 1248  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.7  | 32.6  | 48.8  |
| 164     | 32.8  | 25.9  | 38.9  |

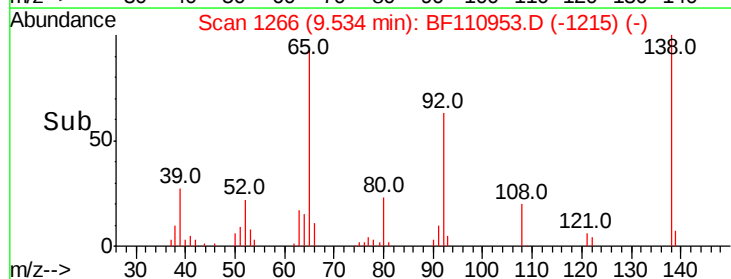
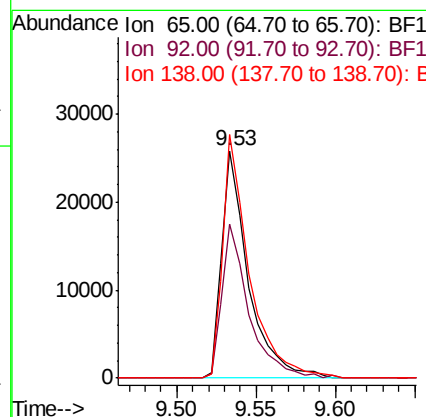
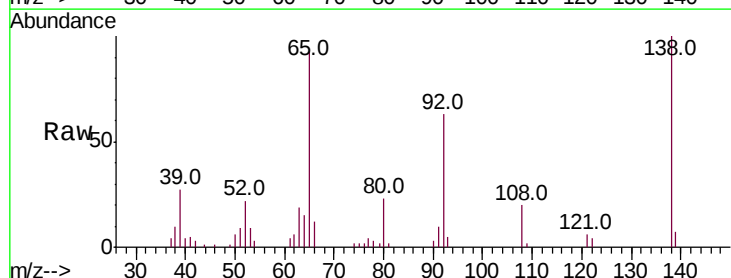
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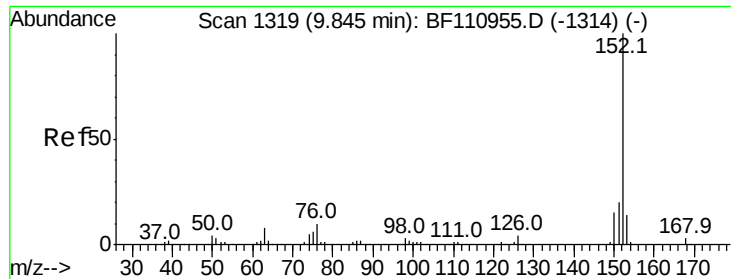
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#48  
2-Nitroaniline  
Concen: 10.175 ng  
RT: 9.53 min Scan# 1266  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.0  | 54.6  | 81.8  |
| 138     | 107.2 | 80.3  | 120.5 |





#49

Acenaphthylene

Concen: 10.463 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA\_F

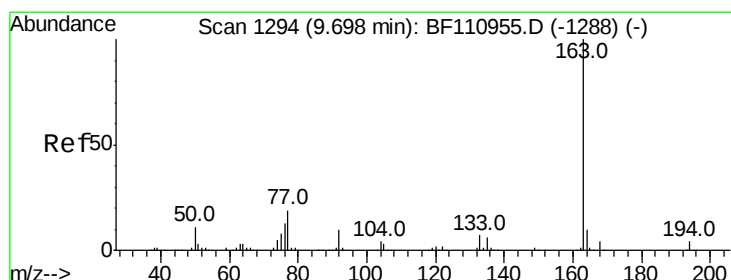
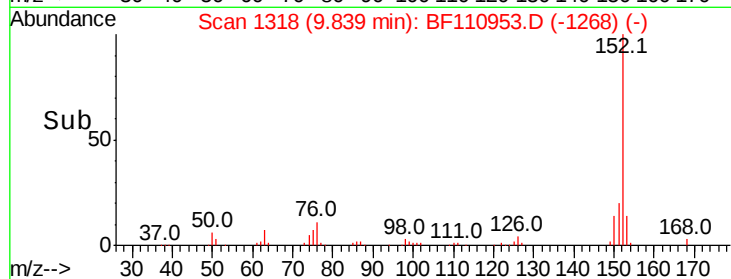
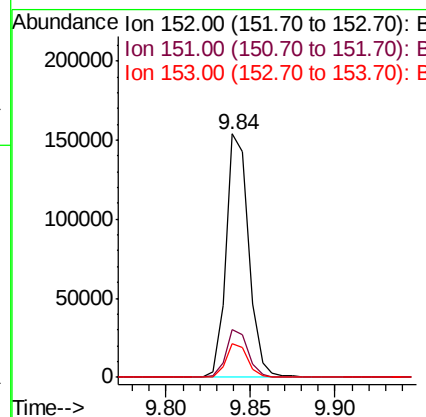
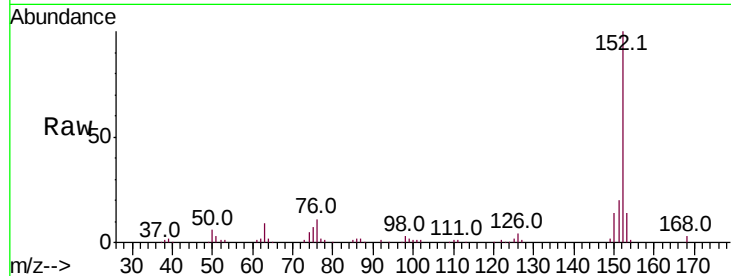
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 144198 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.8  | 15.8  | 23.8   |
| 153       | 13.7  | 10.4  | 15.6   |

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#50

Dimethylphthalate

Concen: 10.314 ng

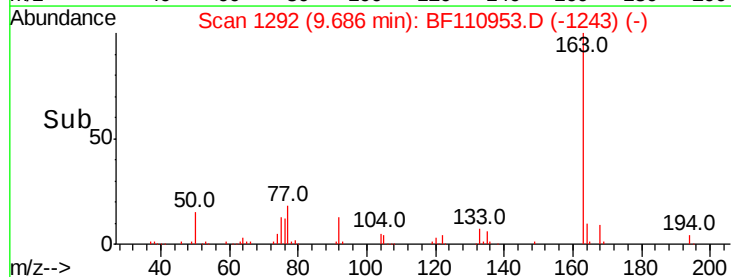
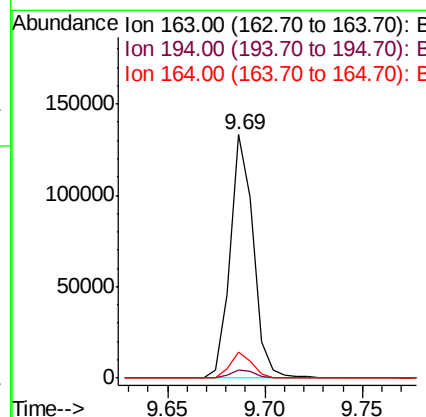
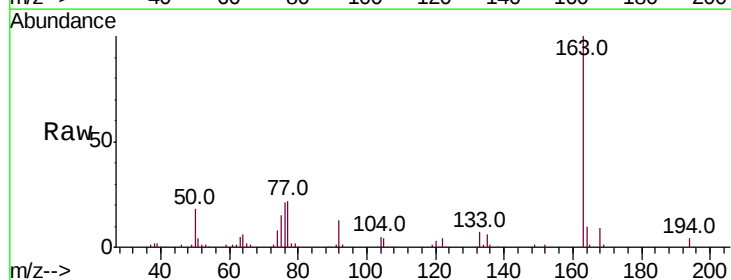
RT: 9.69 min Scan# 1292

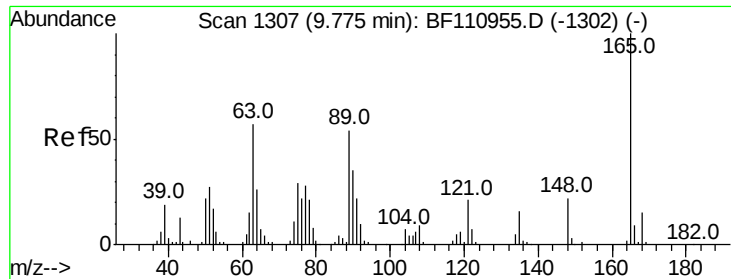
Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 109586 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.5   | 3.2   | 4.8    |
| 164       | 10.5  | 8.1   | 12.1   |





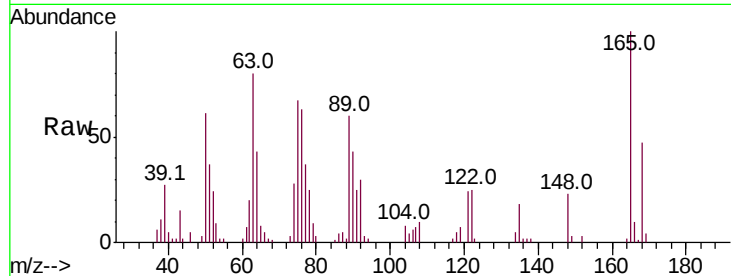
#51  
2,6-Dinitrotoluene  
Concen: 10.324 ng  
RT: 9.76 min Scan# 1305  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 80.3  | 48.9  | 73.3# |
| 89      | 60.1  | 46.6  | 69.8  |

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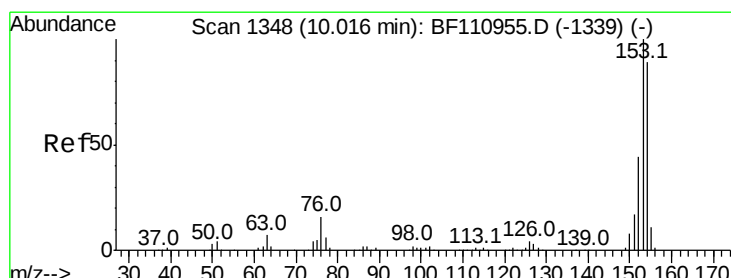
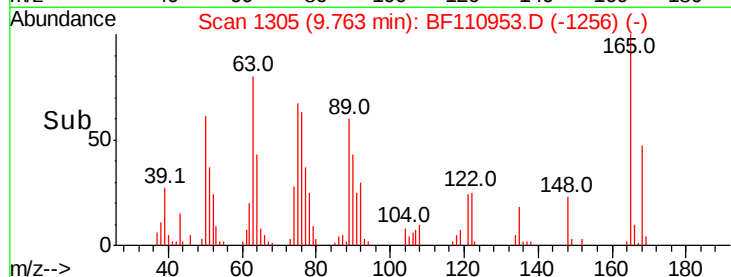
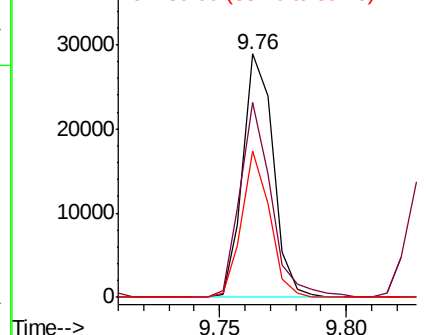


Abundance

Ion 165.00 (164.70 to 165.70): E

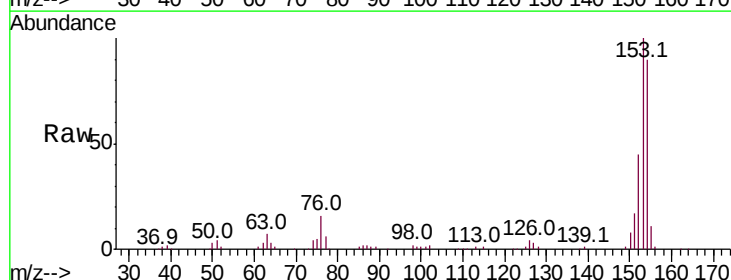
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52  
Acenaphthene  
Concen: 10.598 ng  
RT: 10.01 min Scan# 1347  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 110.7 | 90.1  | 135.1 |
| 152     | 49.8  | 43.4  | 65.2  |

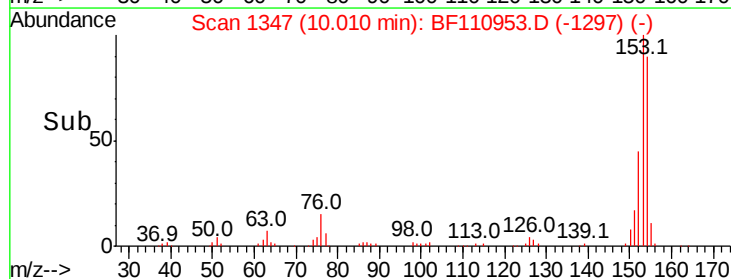
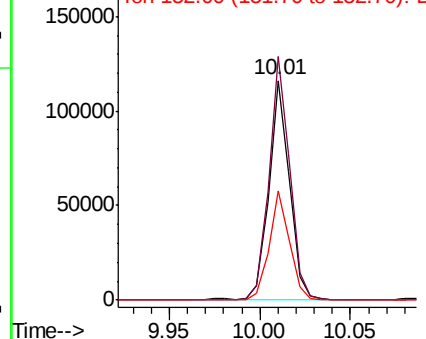


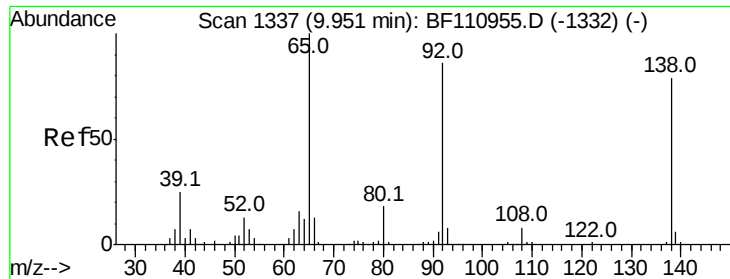
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





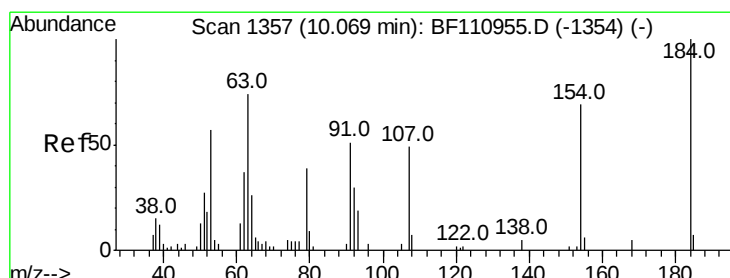
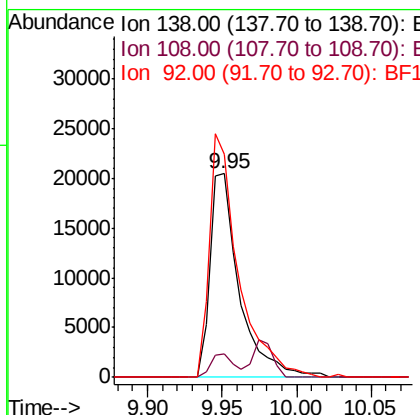
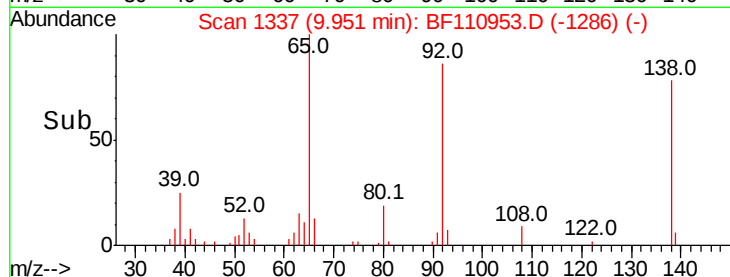
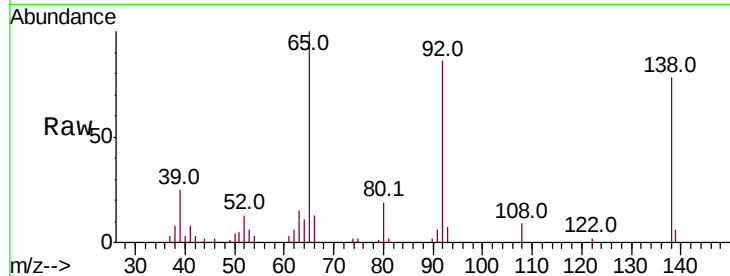
#53  
3-Nitroaniline  
Concen: 10.338 ng  
RT: 9.95 min Scan# 1337  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tot Ion:138 Resp: 27995  
Ion Ratio Lower Upper  
138 100  
108 11.6 8.7 13.1  
92 109.8 97.0 145.4

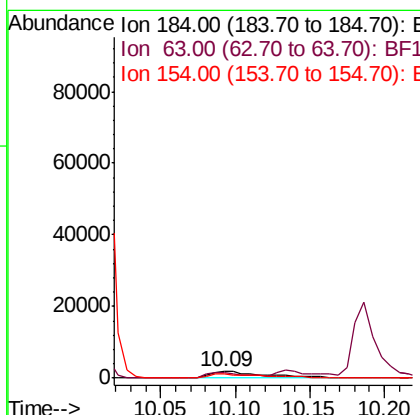
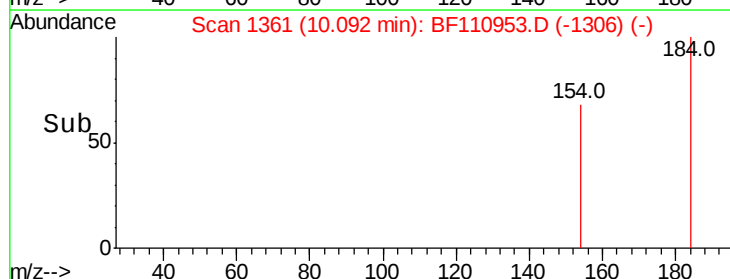
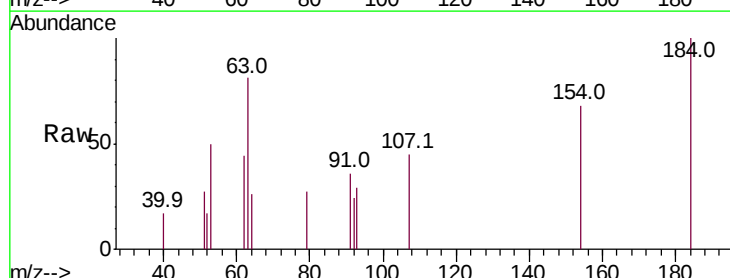
Manual Integrations  
APPROVED

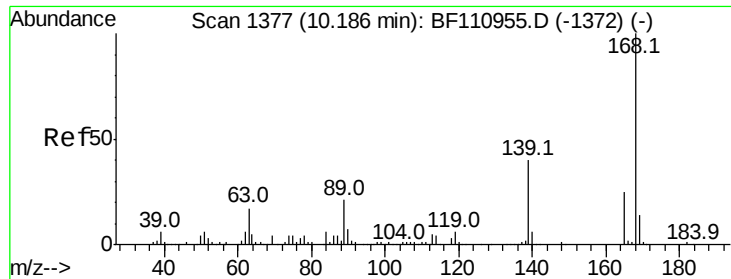
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 5.817 ng  
RT: 10.09 min Scan# 1361  
Delta R.T. 0.02 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Tgt Ion:184 Resp: 4804  
Ion Ratio Lower Upper  
184 100  
63 81.2 55.8 83.6  
154 67.6 63.2 94.8





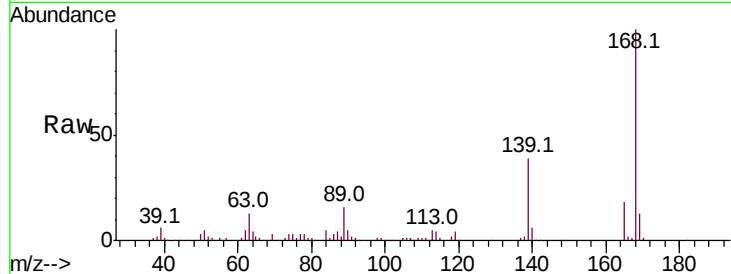
#55  
Dibenzenofuran  
Concen: 10.813 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

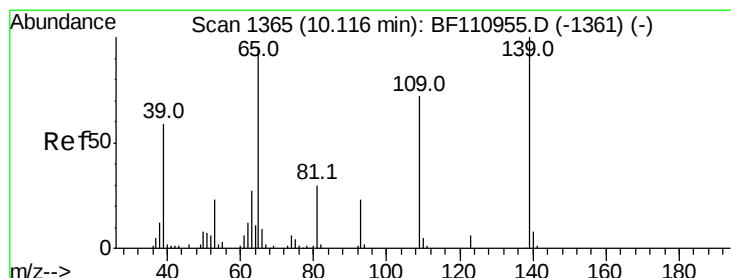
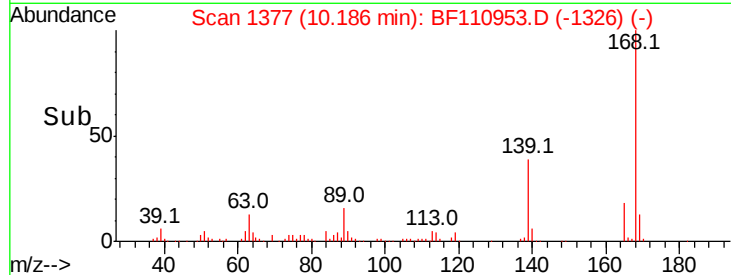
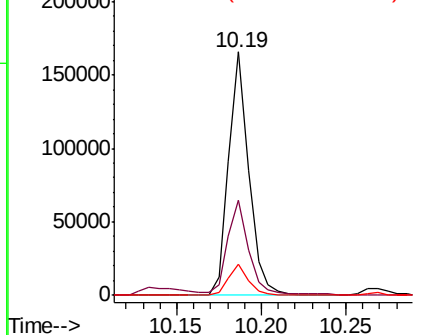
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.9  | 33.0  | 49.6  |
| 169     | 12.7  | 11.3  | 16.9  |

Manual Integrations  
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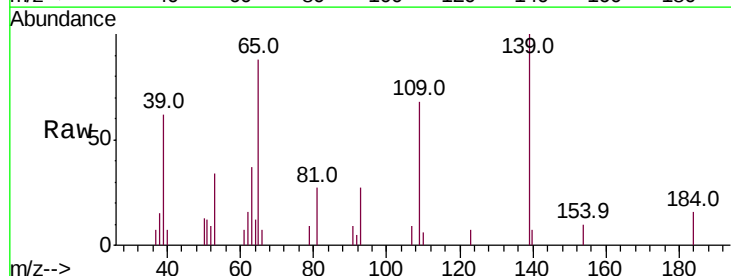


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

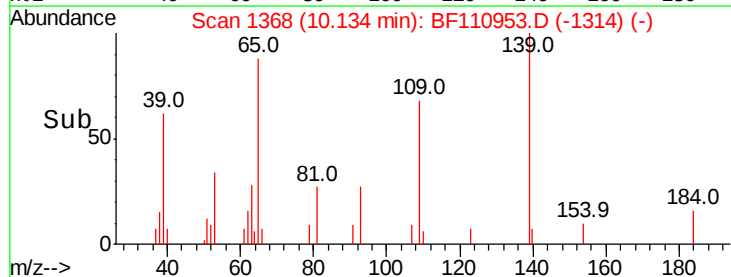
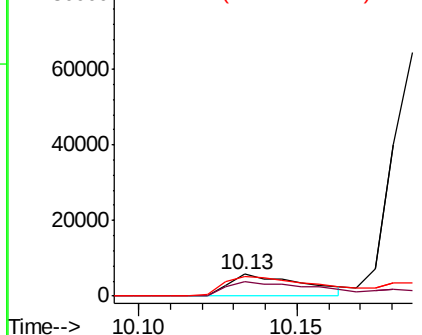


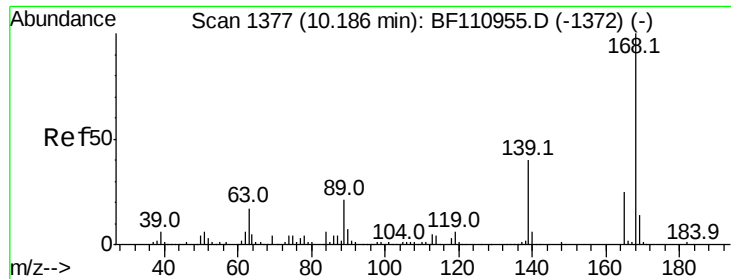
#56  
4-Nitrophenol  
Concen: 5.153 ng  
RT: 10.13 min Scan# 1368  
Delta R.T. 0.02 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 68.1  | 55.8  | 95.8  |
| 65      | 88.0  | 77.9  | 117.9 |



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1





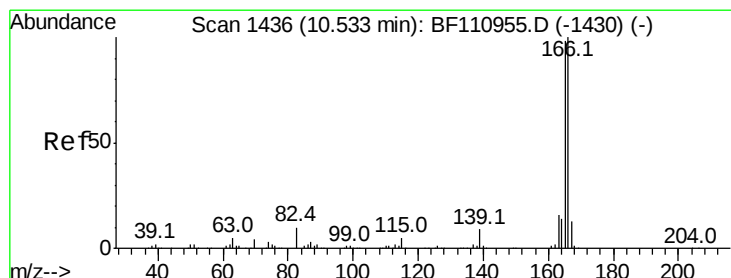
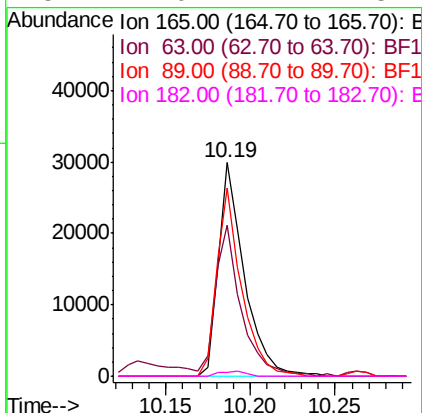
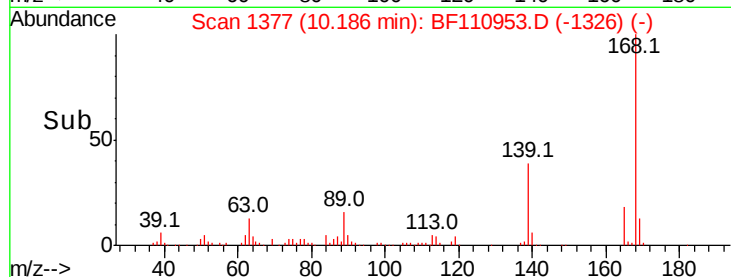
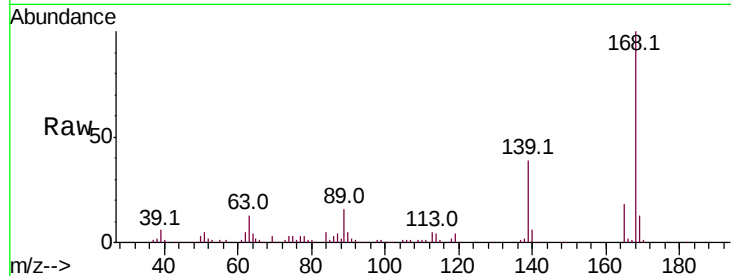
#57  
2,4-Dinitrotoluene  
Concen: 10.584 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 70.8  | 44.8  | 67.2# |
| 89      | 87.8  | 62.2  | 93.4  |
| 182     | 2.0   | 2.1   | 3.1#  |

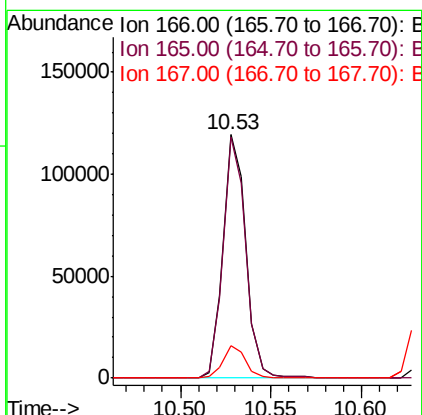
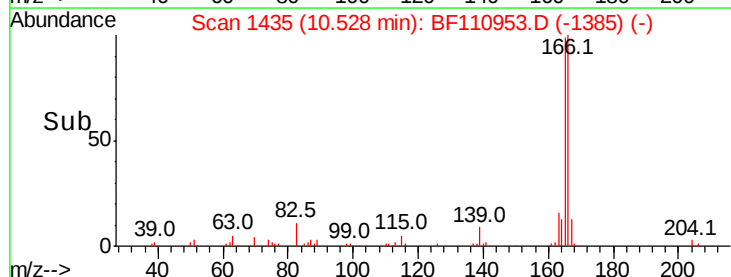
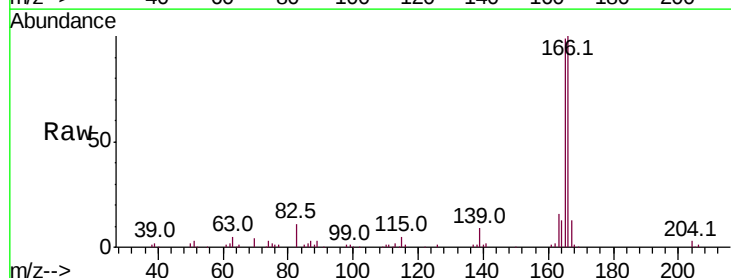
Manual Integrations  
APPROVED

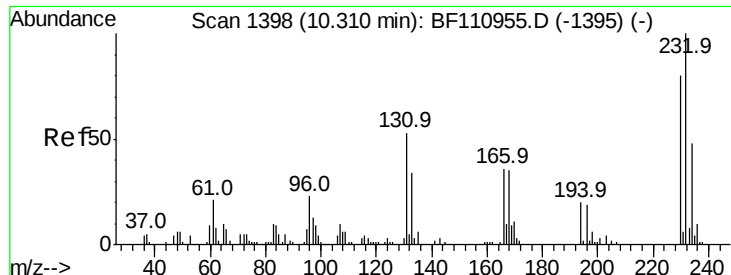
mohammad  
11/27/2018 11:35:51 AM



#58  
Fluorene  
Concen: 10.718 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.9  | 78.6  | 117.8 |
| 167     | 13.1  | 10.8  | 16.2  |





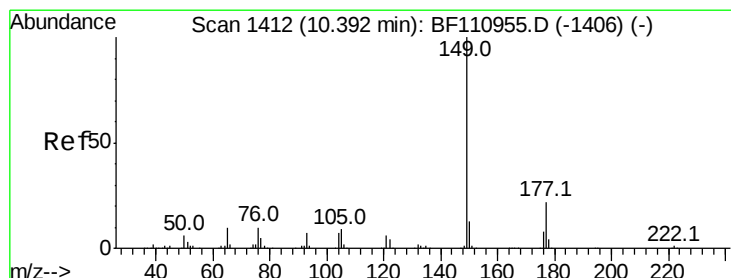
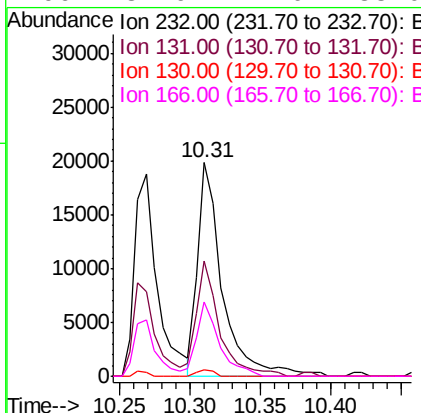
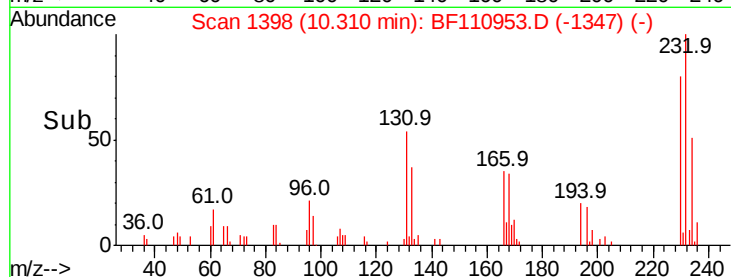
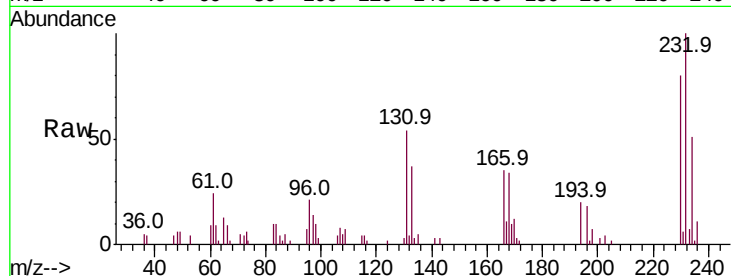
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 10.209 ng  
 RT: 10.31 min Scan# 1398  
 Delta R.T. 0.00 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 232   | Resp: | 24266 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 50.5  | 37.0  | 55.4  |
| 130       | 1.9   | 1.8   | 2.6   |
| 166       | 31.9  | 22.0  | 33.0  |

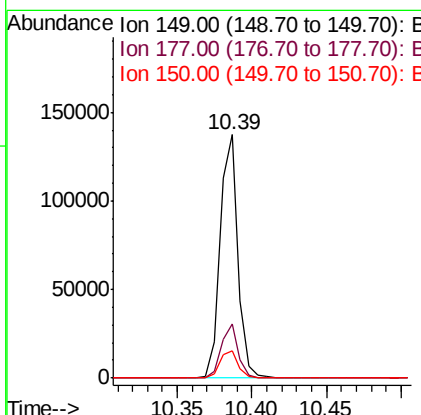
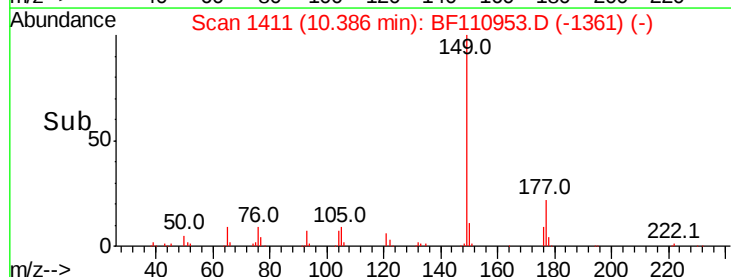
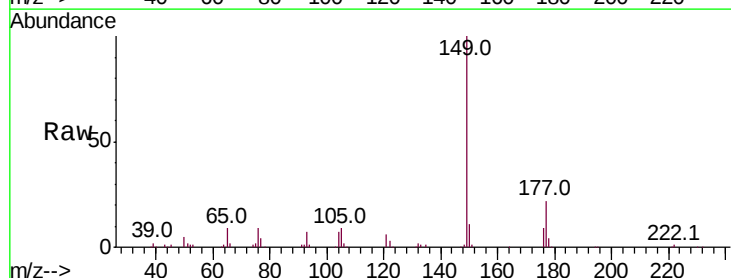
Manual Integrations  
 APPROVED

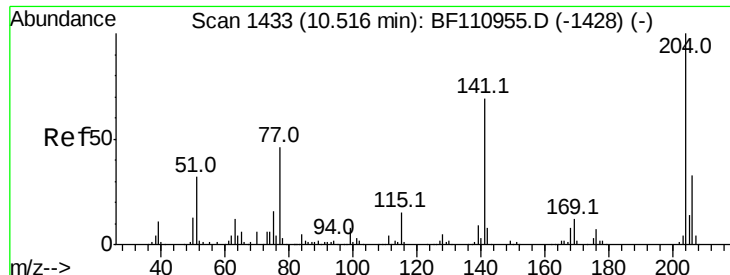
mohammad  
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#60  
 Diethylphthalate  
 Concen: 10.973 ng  
 RT: 10.39 min Scan# 1411  
 Delta R.T. -0.01 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 115345 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.4  | 17.4  | 26.2   |
| 150       | 11.5  | 9.8   | 14.8   |





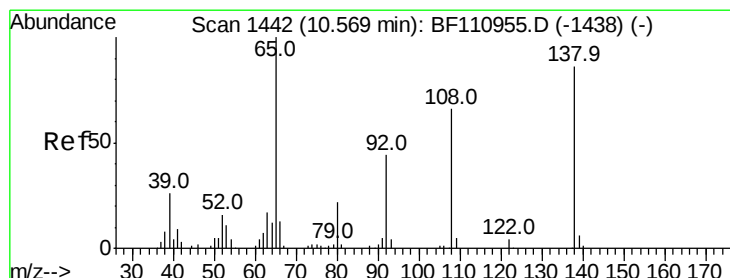
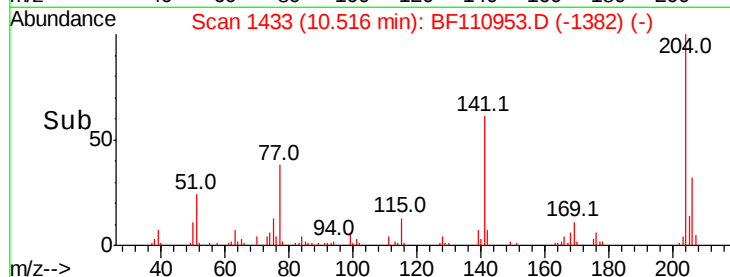
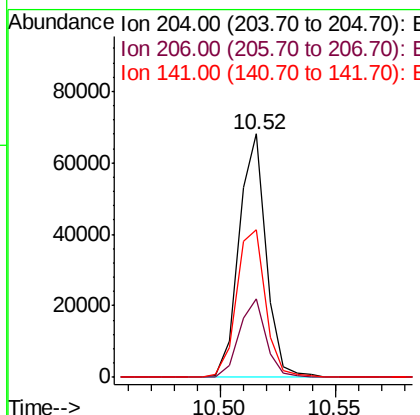
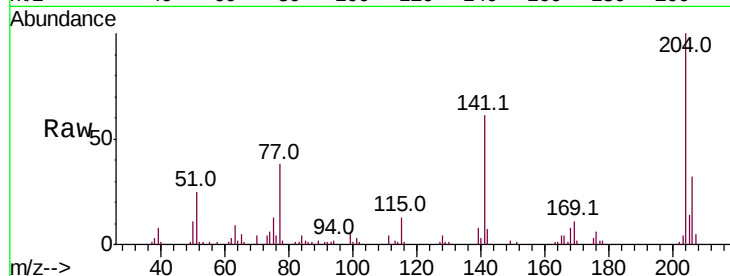
#61  
4-Chlorophenyl-phenylether  
Concen: 10.989 ng  
RT: 10.52 min Scan# 1433  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.4  | 26.5  | 39.7  |
| 141     | 60.7  | 51.8  | 77.8  |

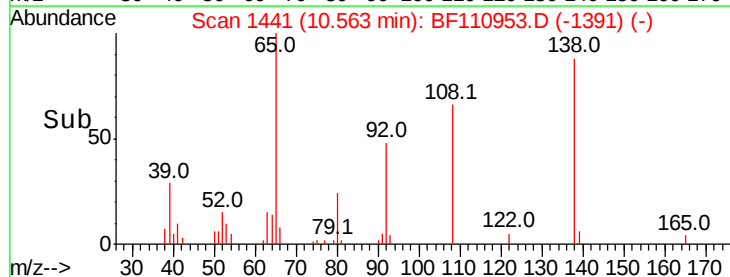
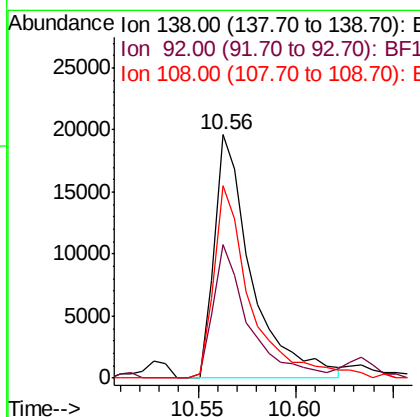
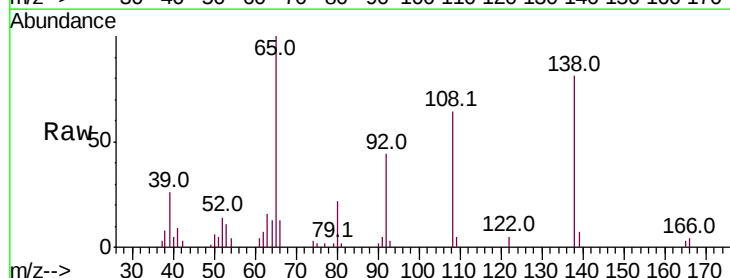
Manual Integrations  
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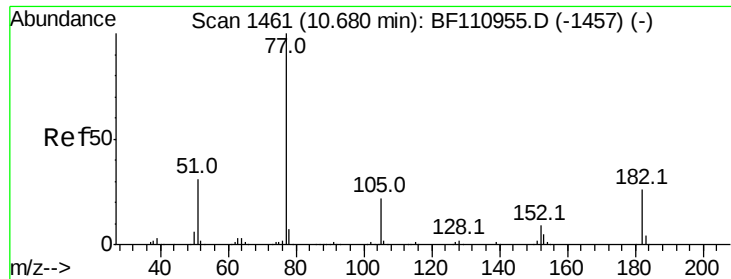
mohammad  
11/27/2018 11:35:51 AM



#62  
4-Nitroaniline  
Concen: 9.538 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.8  | 31.7  | 71.7  |
| 108     | 79.1  | 59.3  | 99.3  |





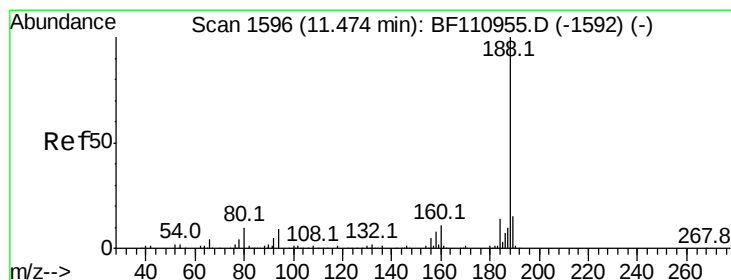
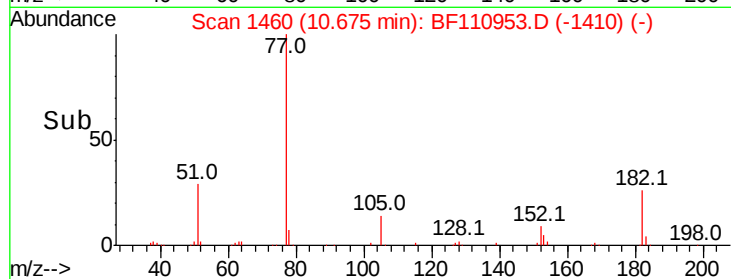
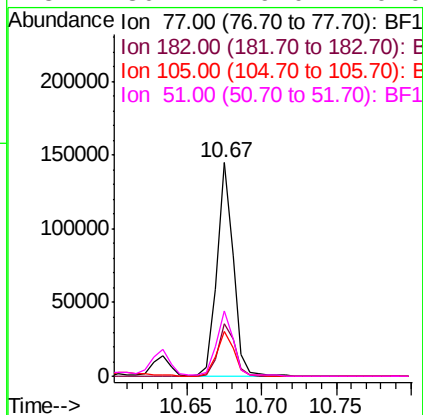
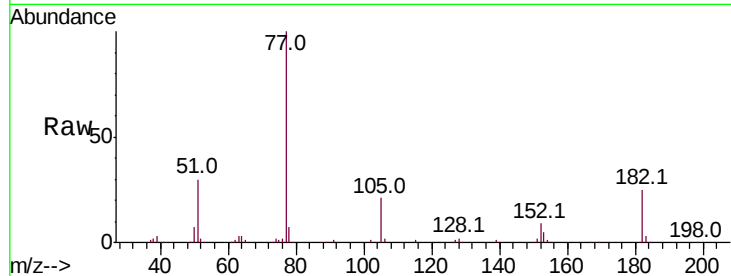
#63  
Azobenzene  
Concen: 10.826 ng  
RT: 10.67 min Scan# 1460  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.7  | 4.3   | 44.3  |
| 105     | 21.1  | 1.3   | 41.3  |
| 51      | 30.4  | 9.0   | 49.0  |

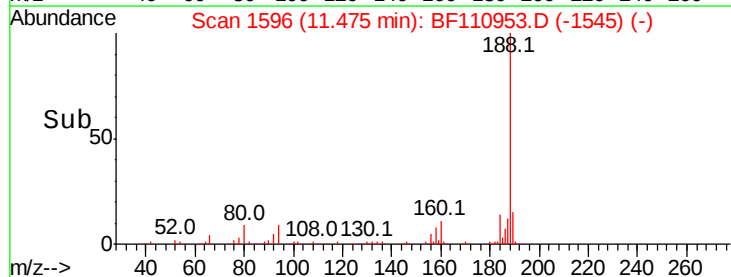
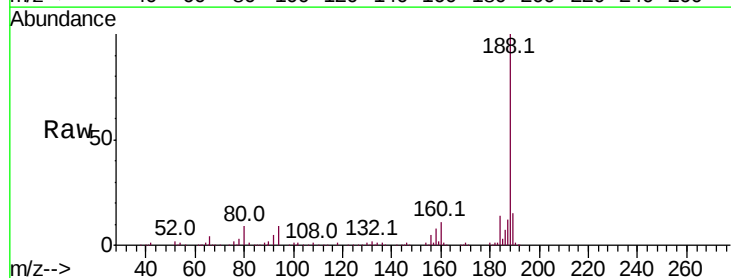
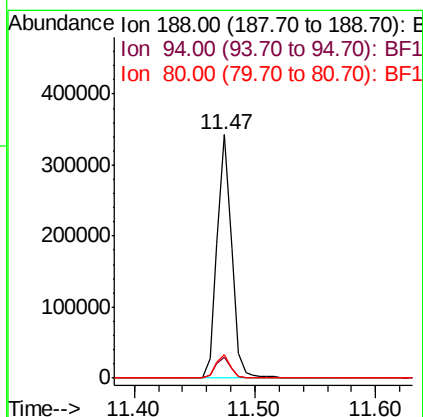
Manual Integrations  
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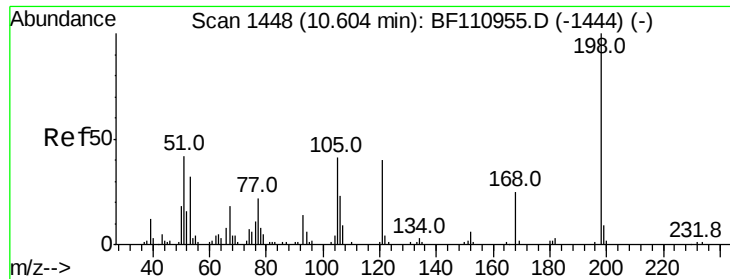
mohammad  
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.47 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.8   | 7.2   | 10.8  |
| 80      | 9.5   | 7.9   | 11.9  |





#65

4,6-Dinitro-2-methylphenol

Concen: 7.134 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

Tot Ion:198 Resp: 10189

Ion Ratio Lower Upper

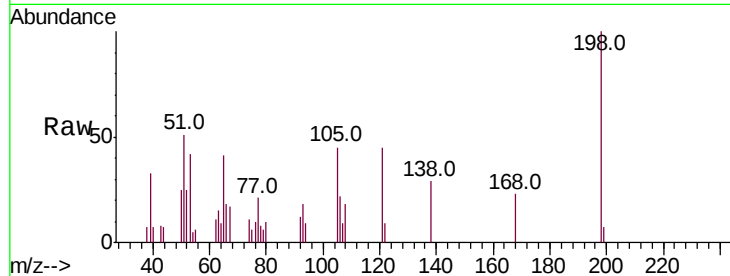
198 100

51 50.6 22.8 62.8

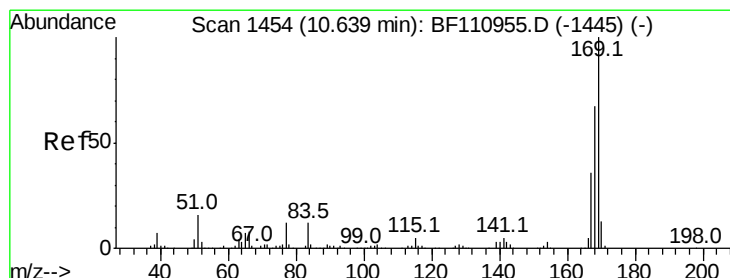
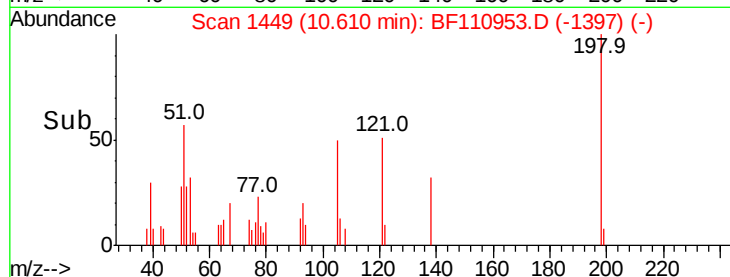
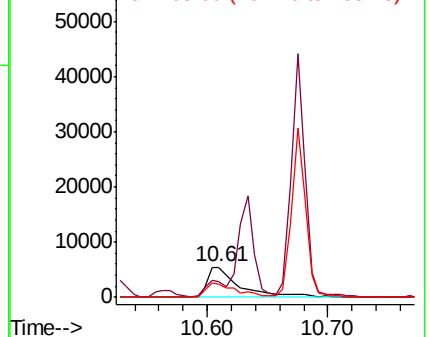
105 45.0 23.6 63.6

Manual Integrations  
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Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 10.295 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

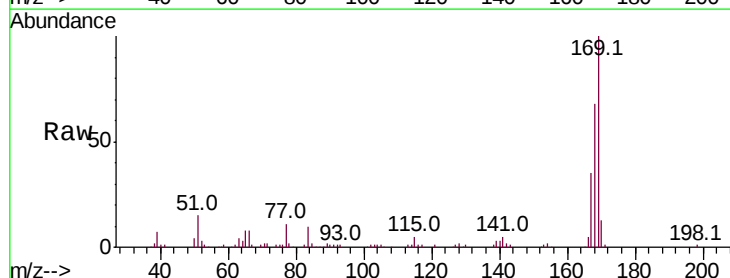
Tgt Ion:169 Resp: 98343

Ion Ratio Lower Upper

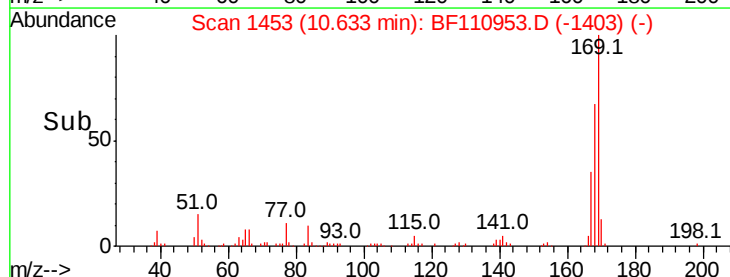
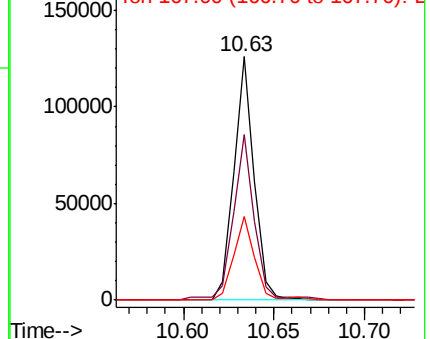
169 100

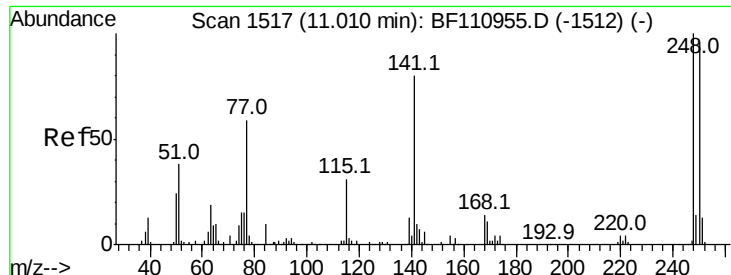
168 67.8 51.2 76.8

167 34.6 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E





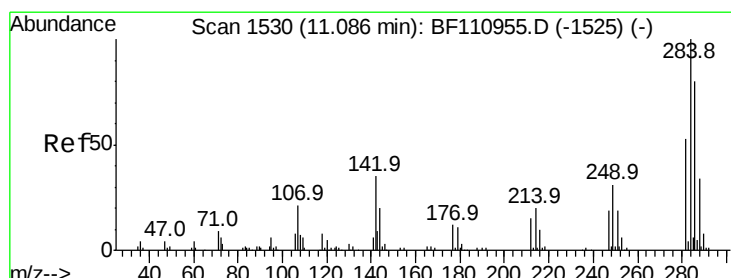
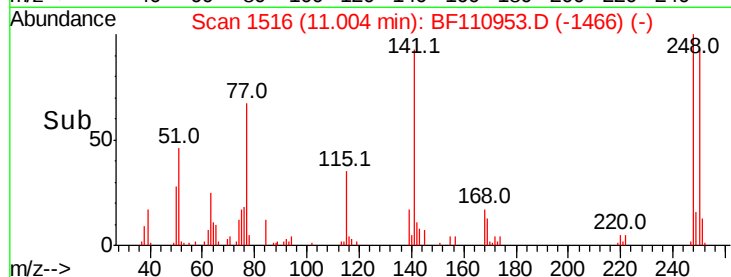
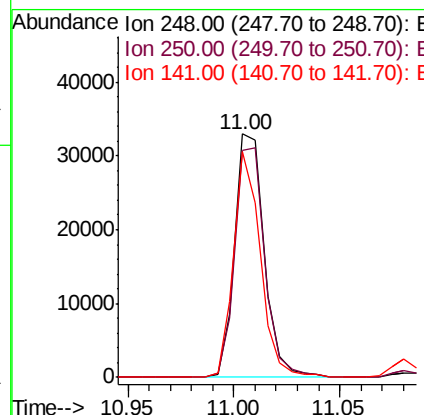
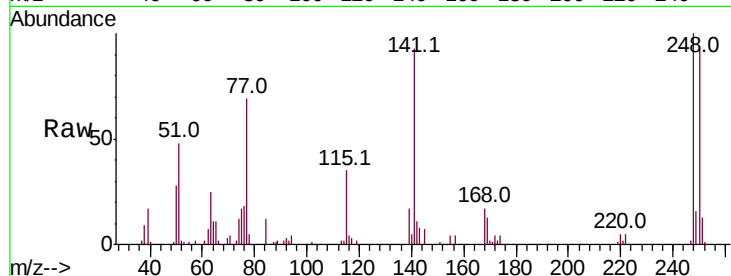
#67  
4-Bromophenyl-phenylether  
Concen: 10.155 ng  
RT: 11.00 min Scan# 1516  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 93.4  | 79.4  | 119.2 |
| 141     | 92.8  | 55.9  | 83.9# |

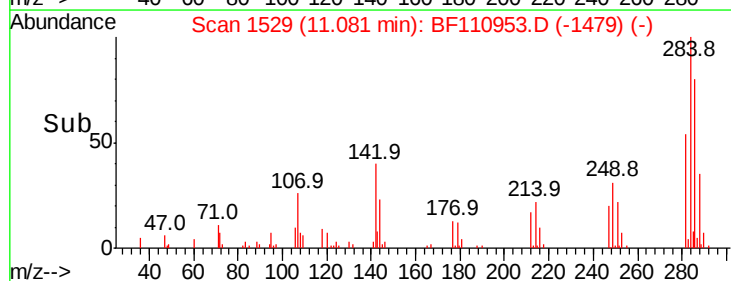
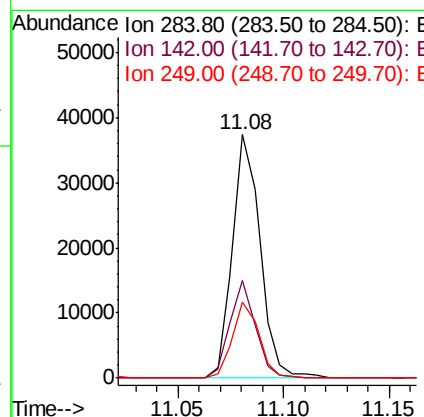
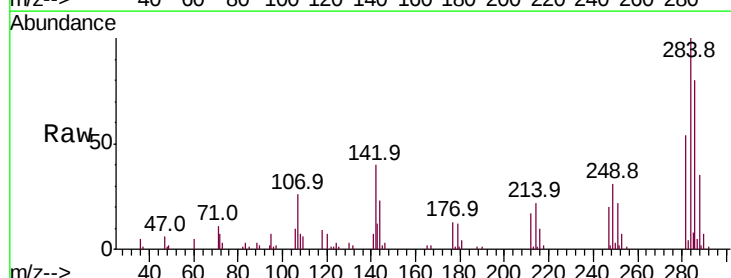
Manual Integrations  
APPROVED

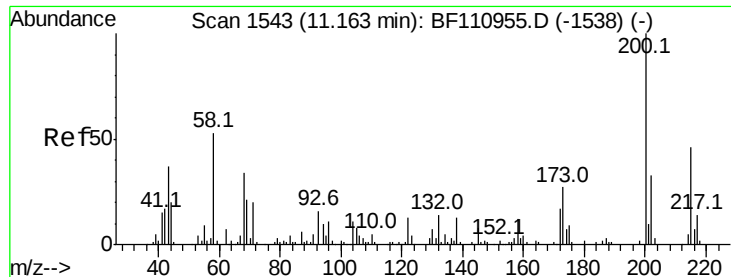
mohammad  
11/27/2018 11:35:51 AM



#68  
Hexachlorobenzene  
Concen: 10.192 ng  
RT: 11.08 min Scan# 1529  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 40.1  | 23.9  | 35.9# |
| 249     | 31.2  | 24.2  | 36.2  |





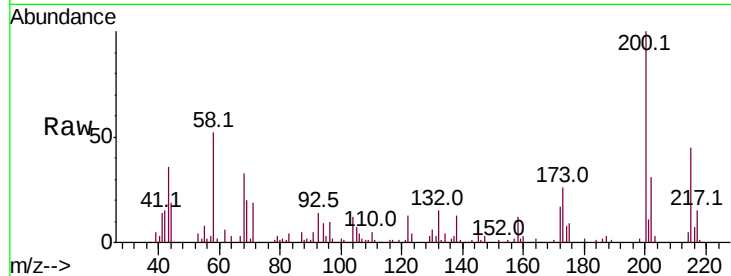
#69  
Atrazine  
Concen: 10.801 ng  
RT: 11.16 min Scan# 1542  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

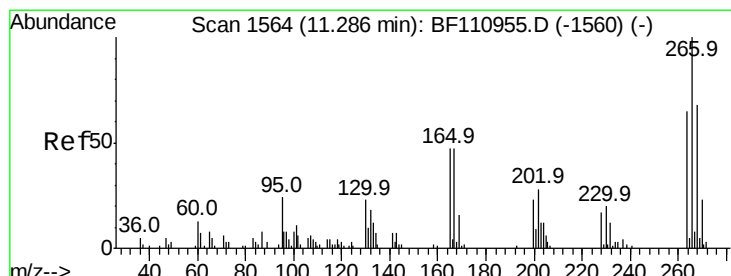
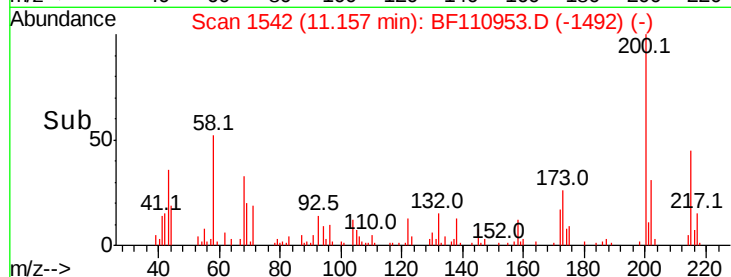
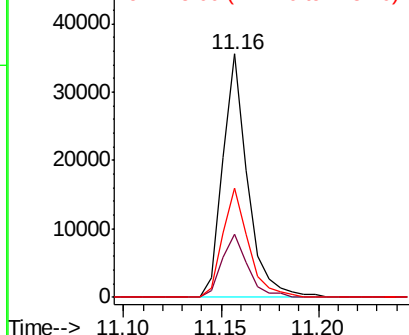
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.7  | 6.6   | 46.6  |
| 215     | 44.8  | 26.3  | 66.3  |

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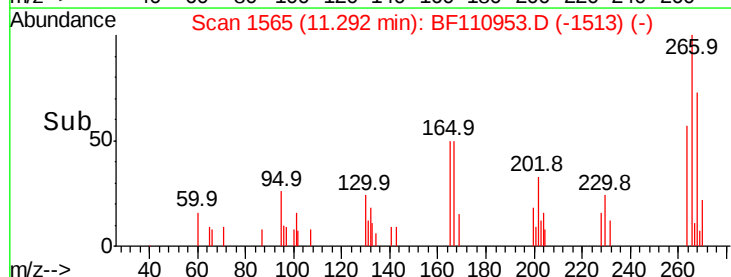
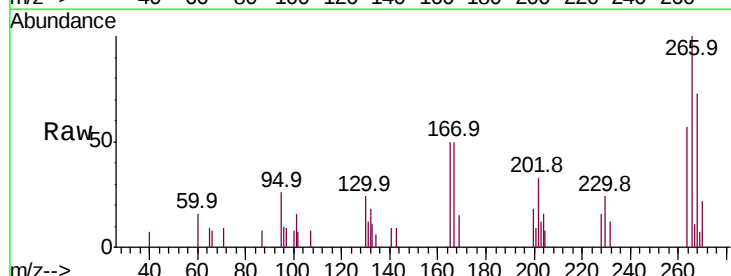
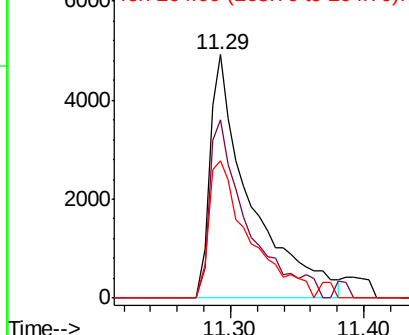
Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

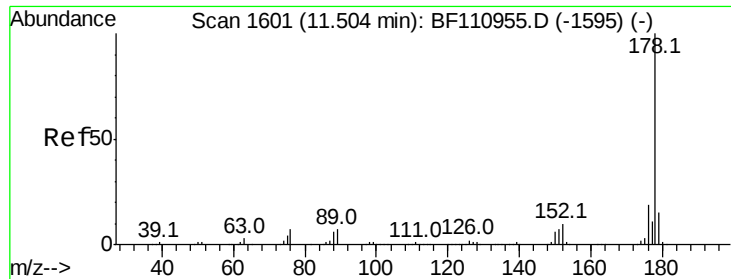


#70  
Pentachlorophenol  
Concen: 5.906 ng  
RT: 11.29 min Scan# 1565  
Delta R.T. 0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 73.4  | 50.6  | 75.8  |
| 264     | 56.5  | 50.6  | 75.8  |

Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





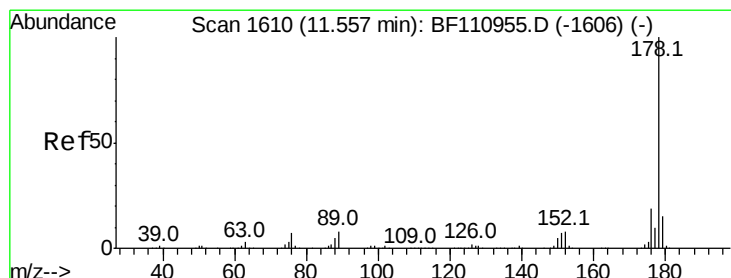
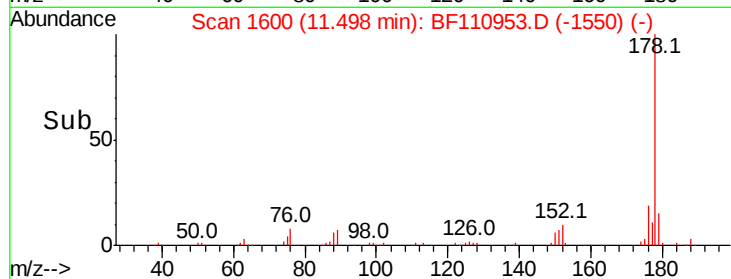
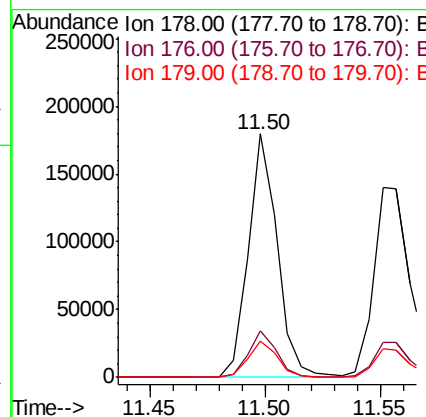
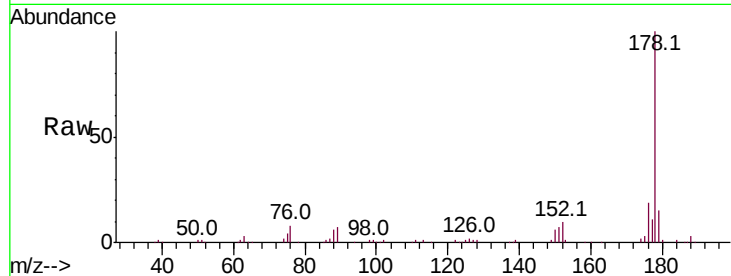
#71  
Phenanthrene  
Concen: 10.382 ng  
RT: 11.50 min Scan# 1600  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.5  | 23.3  |
| 179     | 14.8  | 12.5  | 18.7  |

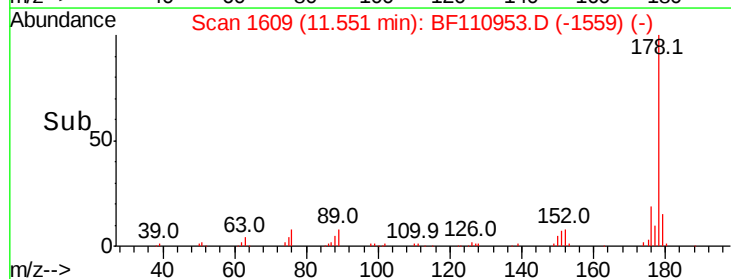
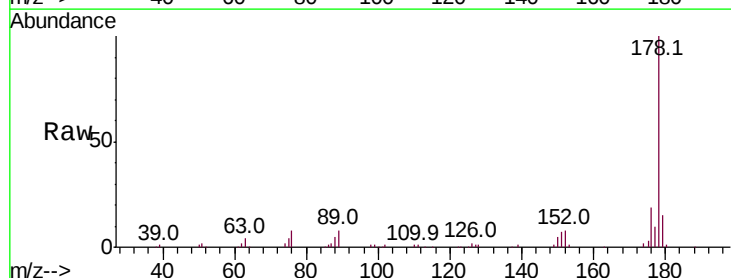
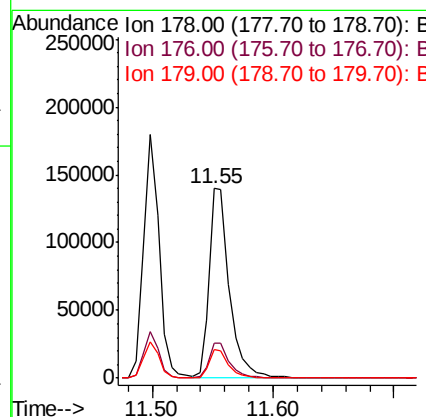
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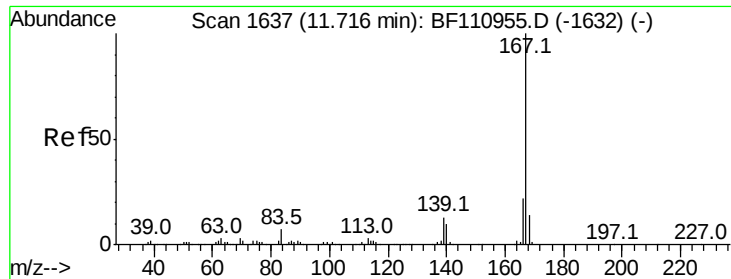
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#72  
Anthracene  
Concen: 10.581 ng  
RT: 11.55 min Scan# 1609  
Delta R.T. -0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 15.4  | 23.2  |
| 179     | 15.1  | 12.6  | 18.8  |





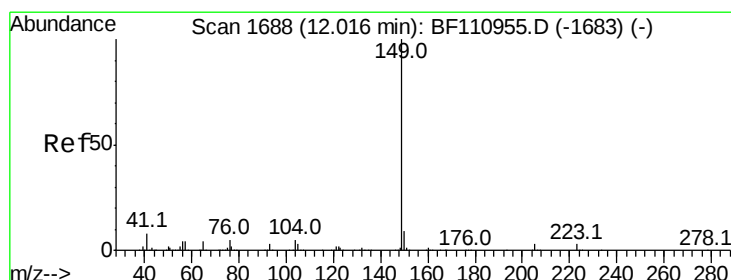
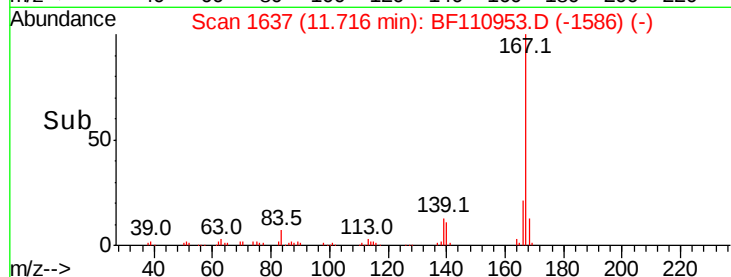
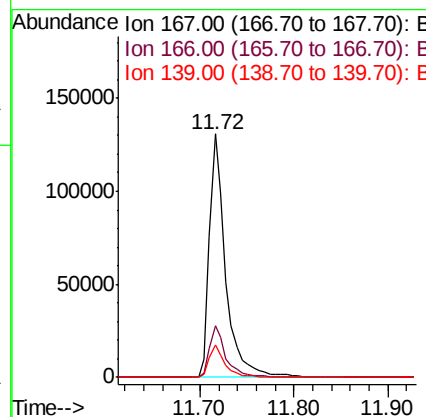
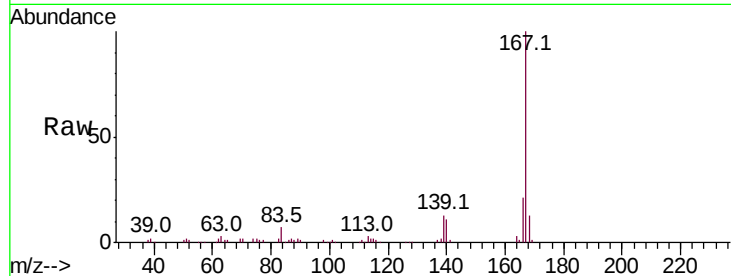
#73  
 Carbazole  
 Concen: 10.775 ng  
 RT: 11.72 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 158485 |       |       |
| 166     | 21.1  |        | 17.4  | 26.0  |
| 139     | 13.1  |        | 10.9  | 16.3  |

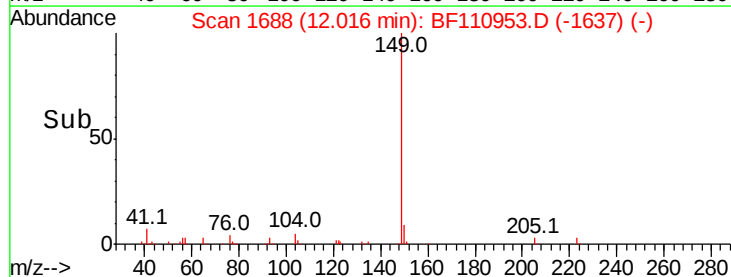
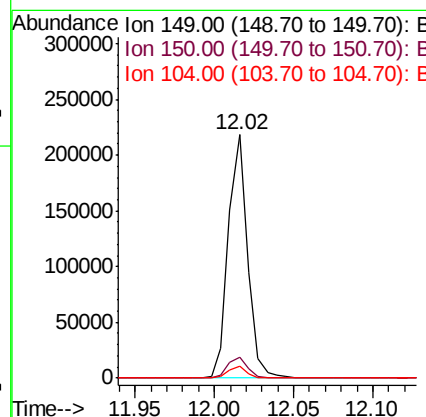
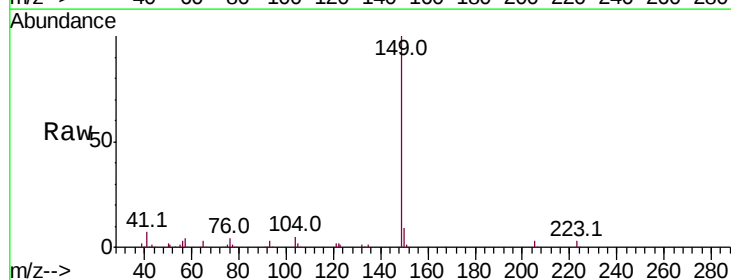
Manual Integrations  
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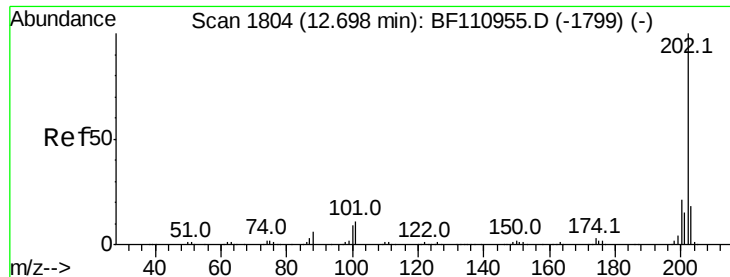
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 11/27/2018 11:35:51 AM



#74  
 Di-n-butylphthalate  
 Concen: 10.671 ng  
 RT: 12.02 min Scan# 1688  
 Delta R.T. 0.00 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 184067 |       |       |
| 150     | 8.6   |        | 7.7   | 11.5  |
| 104     | 4.7   |        | 4.2   | 6.4   |





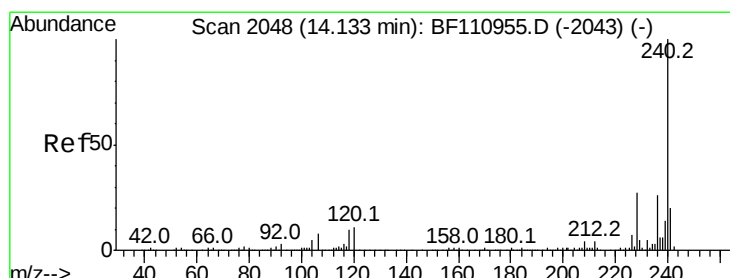
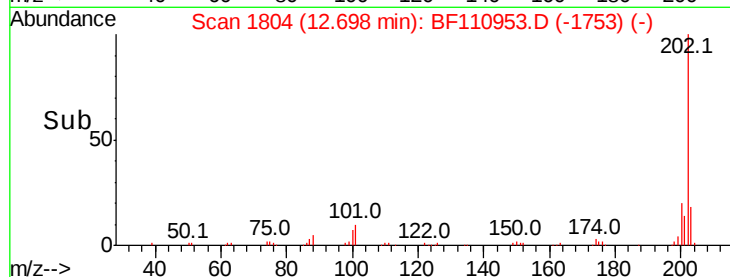
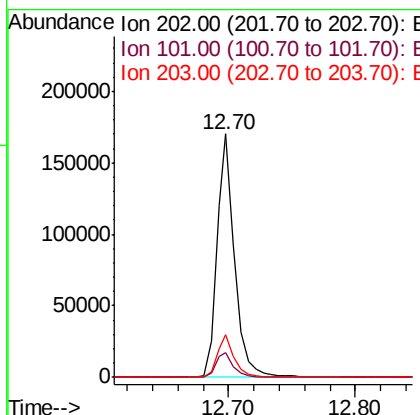
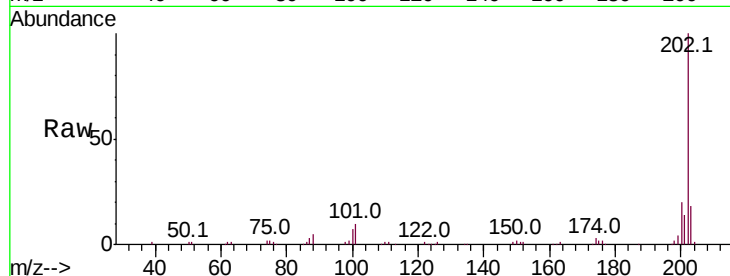
#75  
**Fluoranthene**  
 Concen: 10.824 ng  
 RT: 12.70 min Scan# 1804  
 Delta R.T. 0.00 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 10.3  | 0.0        | 31.4  |
| 203     | 17.5  | 0.0        | 37.7  |

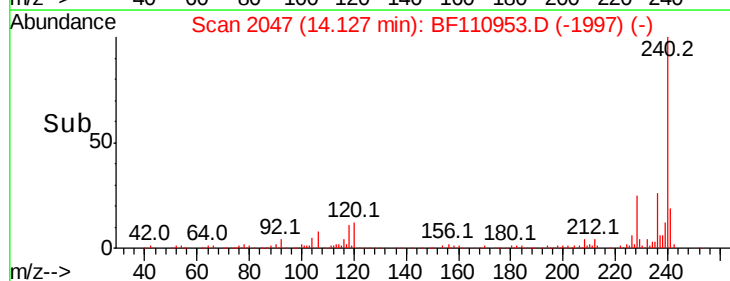
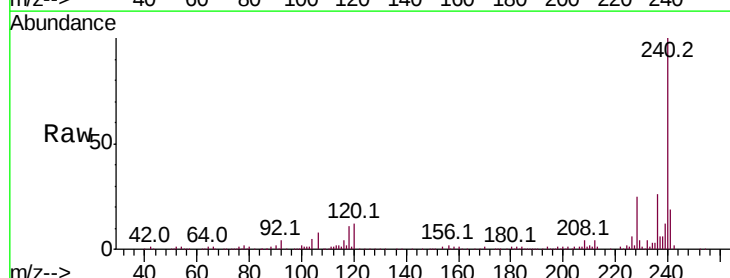
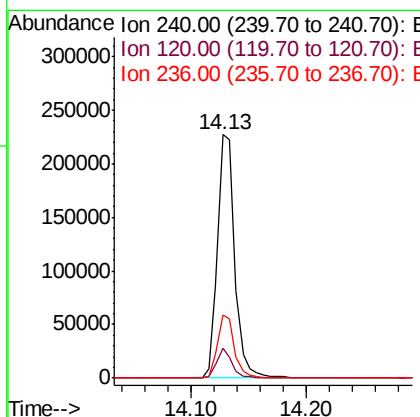
Manual Integrations  
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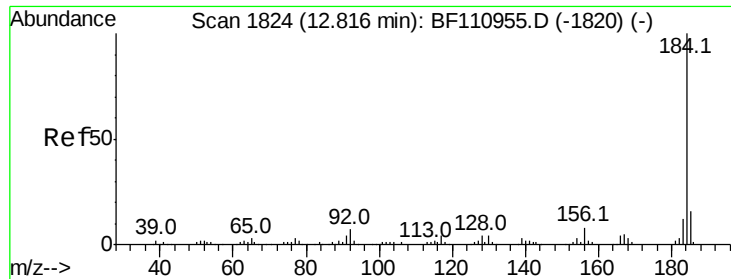
mohammad  
 11/27/2018 11:35:51 AM



#76  
**Chrysene-d12**  
 Concen: 20.000 ng  
 RT: 14.13 min Scan# 2047  
 Delta R.T. -0.01 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 12.5  | 8.3        | 12.5# |
| 236     | 25.8  | 21.2       | 31.8  |





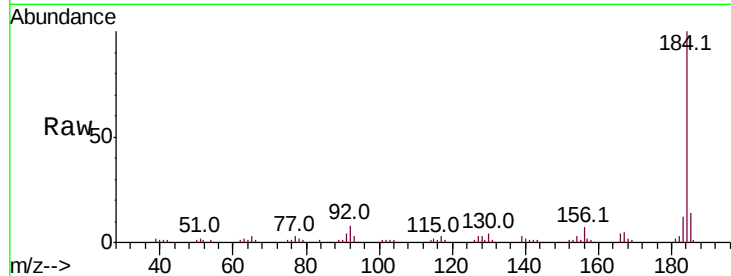
#77  
Benzidine  
Concen: 13.191 ng  
RT: 12.82 min Scan# 1825  
Delta R.T. 0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.0  | 13.4  | 20.2  |
| 183     | 11.9  | 9.4   | 14.2  |

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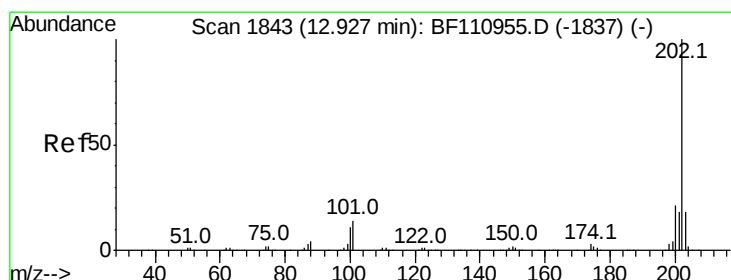
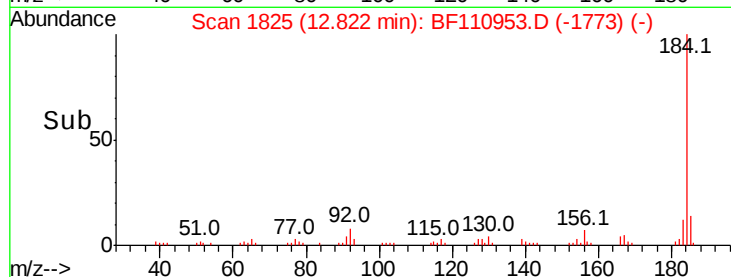
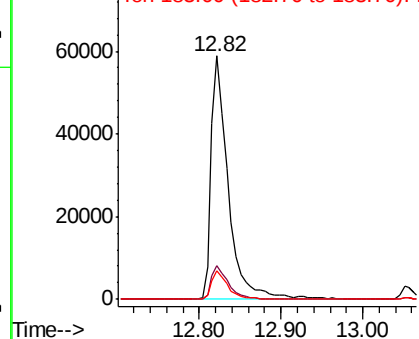


Abundance

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: 9.343 ng  
RT: 12.93 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

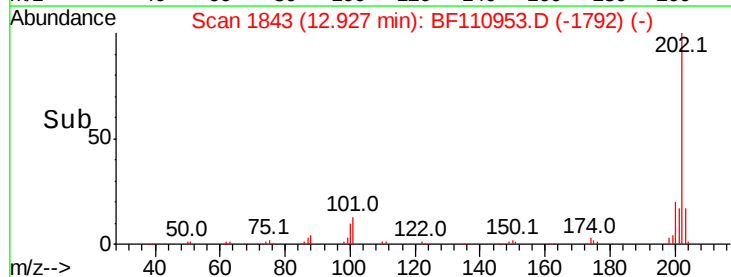
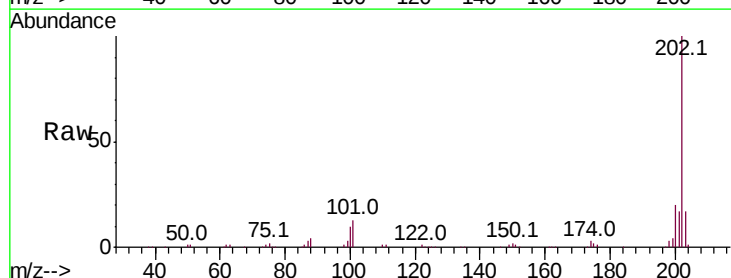
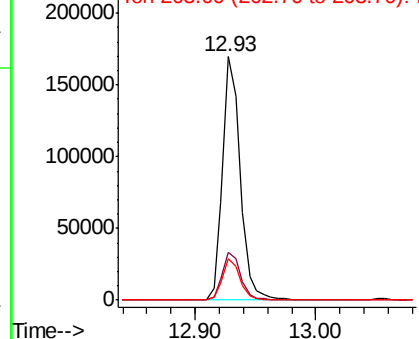
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 19.6  | 17.8  | 26.6  |
| 203     | 17.2  | 14.2  | 21.4  |

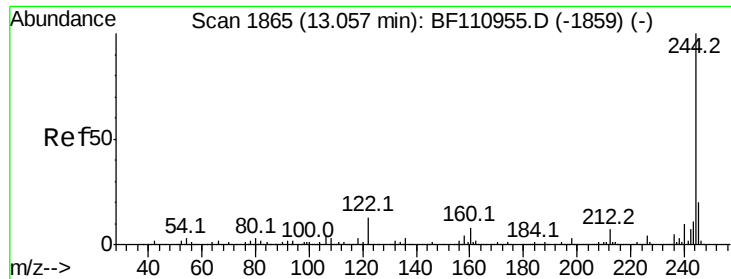
Abundance

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





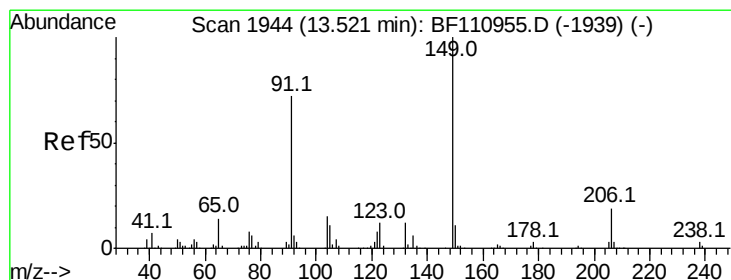
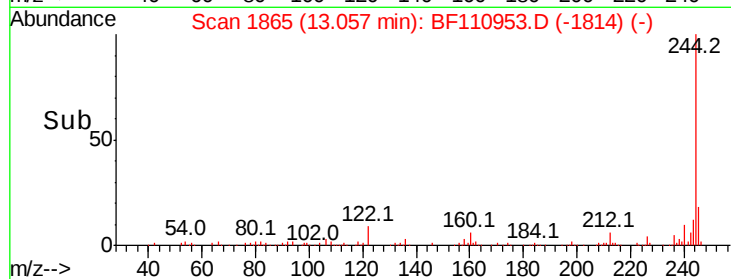
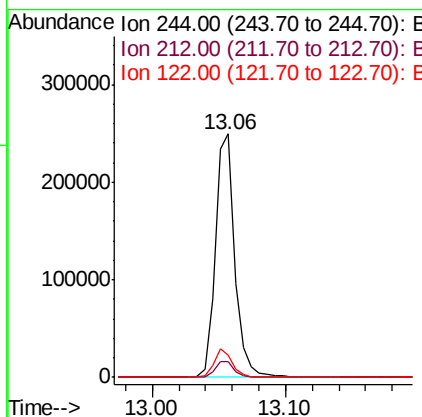
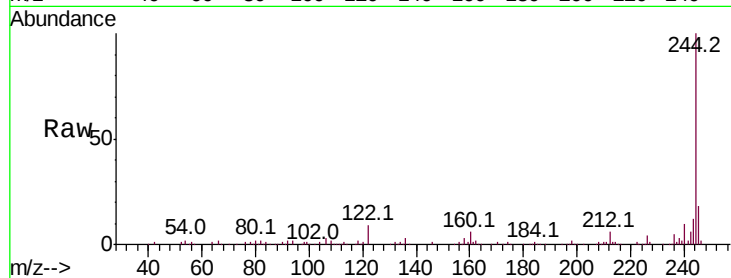
#79  
 Terphenyl-d14  
 Concen: 20.106 ng  
 RT: 13.06 min Scan# 1865  
 Delta R.T. 0.00 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.4   | 5.8   | 8.8   |
| 122     | 9.4   | 8.7   | 13.1  |

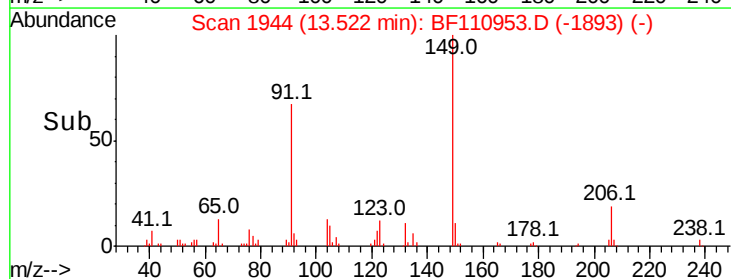
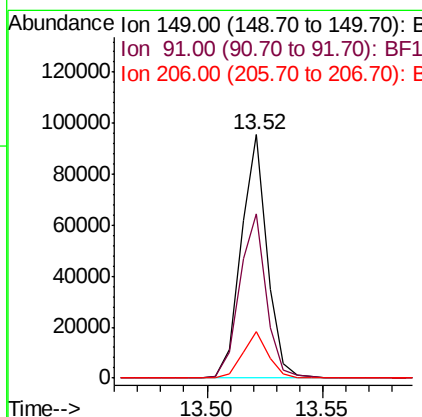
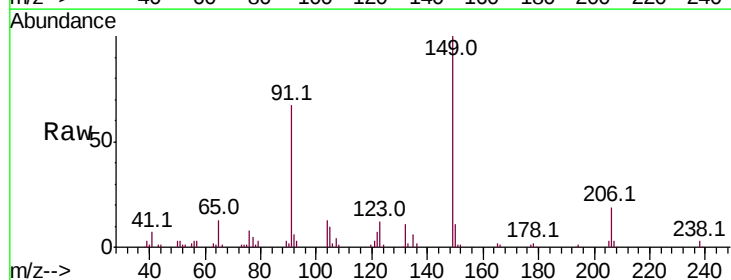
Manual Integrations  
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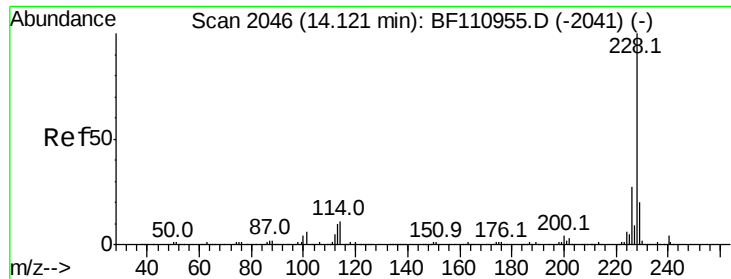
mohammad  
 11/27/2018 11:35:51 AM



#80  
 Butylbenzylphthalate  
 Concen: 9.508 ng  
 RT: 13.52 min Scan# 1944  
 Delta R.T. 0.00 min  
 Lab File: BF110953.D  
 Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 67.5  | 57.2  | 85.8  |
| 206     | 19.3  | 15.7  | 23.5  |





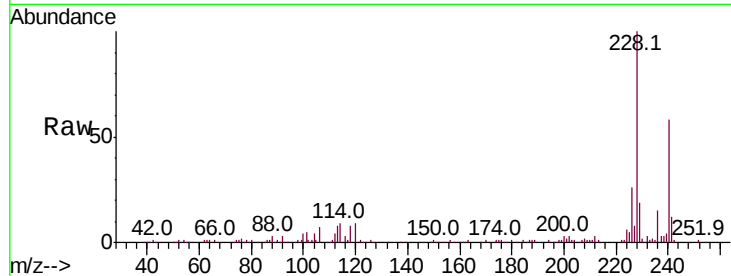
#81  
Benzo(a)anthracene  
Concen: 9.959 ng  
RT: 14.12 min Scan# 2046  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

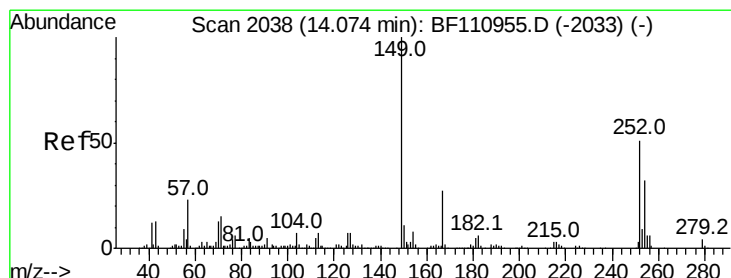
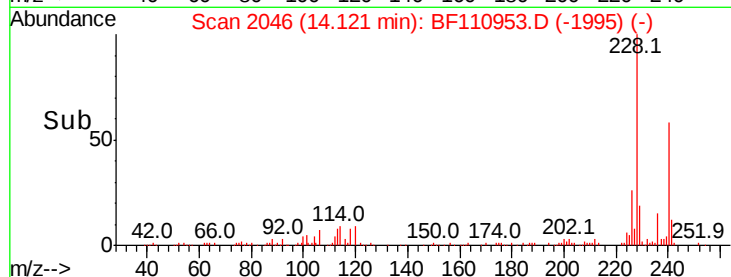
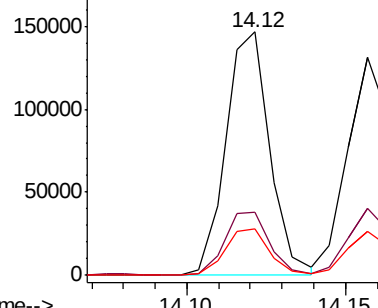
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.2  | 22.1  | 33.1  |
| 229     | 19.3  | 15.6  | 23.4  |

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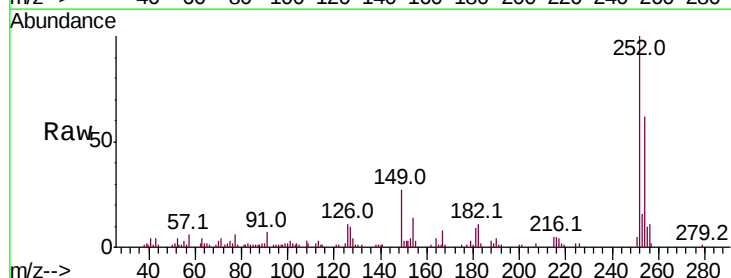


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

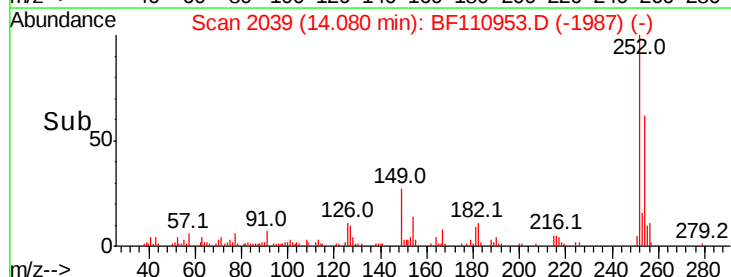
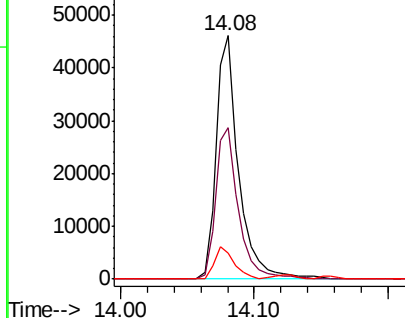


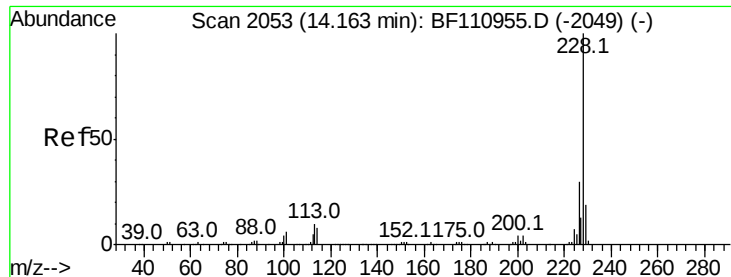
#82  
3,3'-Dichlorobenzidine  
Concen: 11.482 ng  
RT: 14.08 min Scan# 2039  
Delta R.T. 0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.4  | 51.3  | 76.9  |
| 126     | 10.6  | 9.4   | 14.2  |



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: 10.394 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA\_F

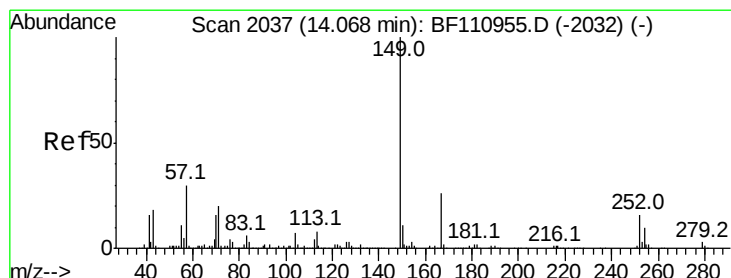
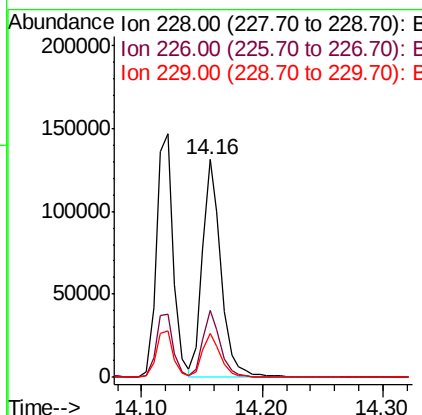
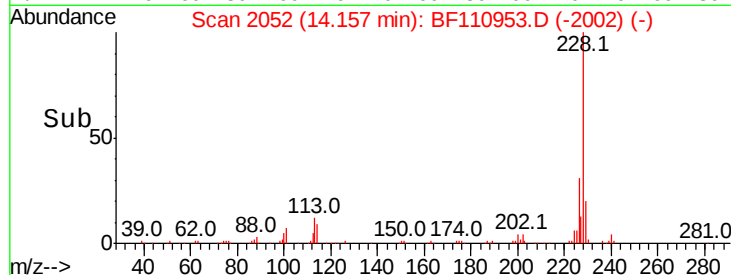
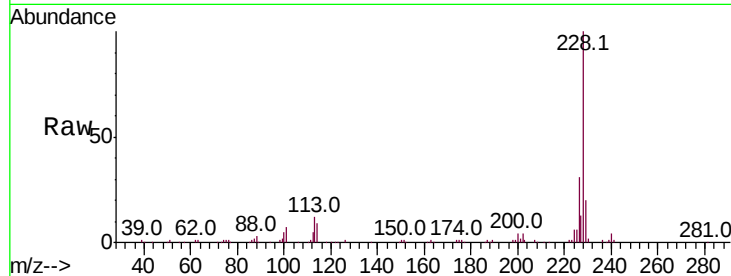
ClientSampleID :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 140346 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.8  | 24.7  | 37.1   |
| 229       | 20.3  | 15.9  | 23.9   |

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#84

Bis(2-ethylhexyl)phthalate

Concen: 10.550 ng

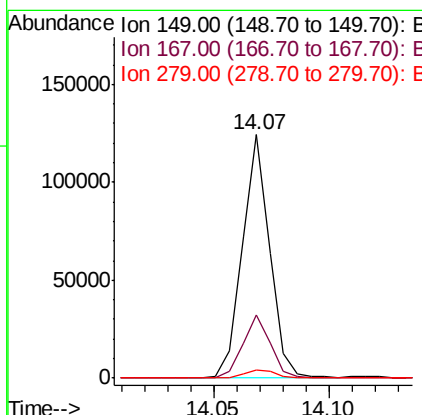
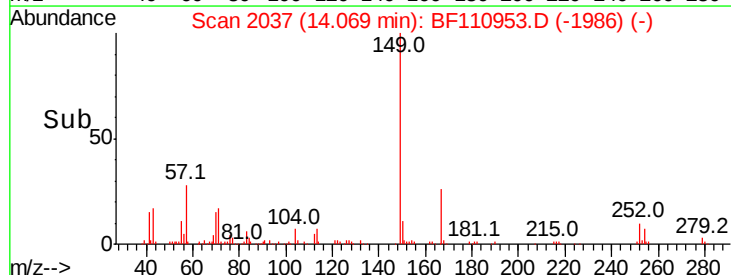
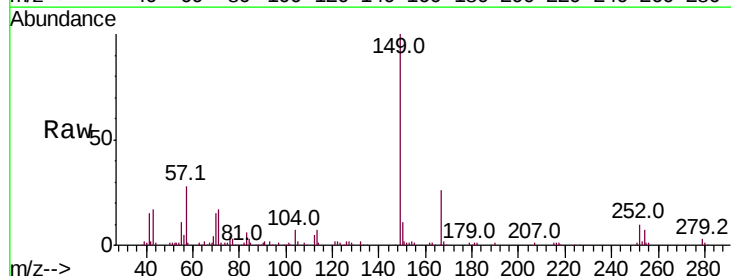
RT: 14.07 min Scan# 2037

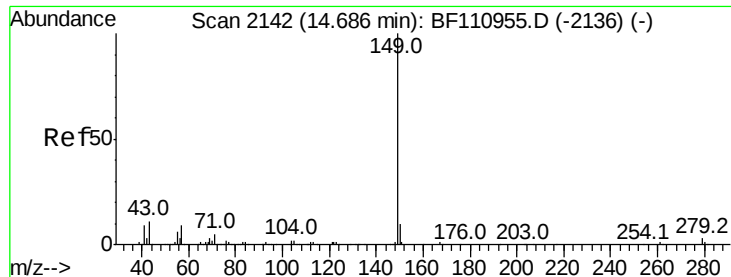
Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 102837 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.0  | 19.8  | 29.8   |
| 279       | 3.4   | 2.7   | 4.1    |





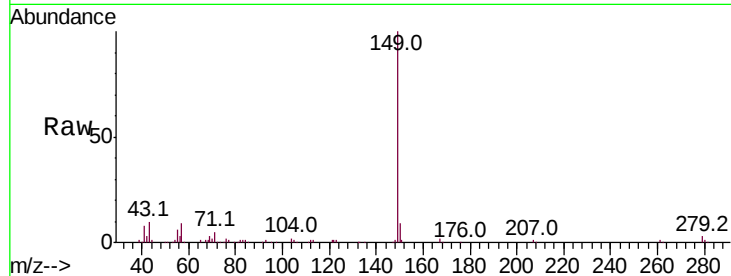
#85  
Di-n-octyl phthalate  
Concen: 11.574 ng  
RT: 14.69 min Scan# 2142  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

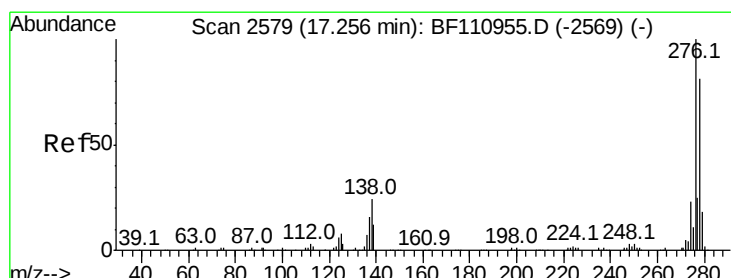
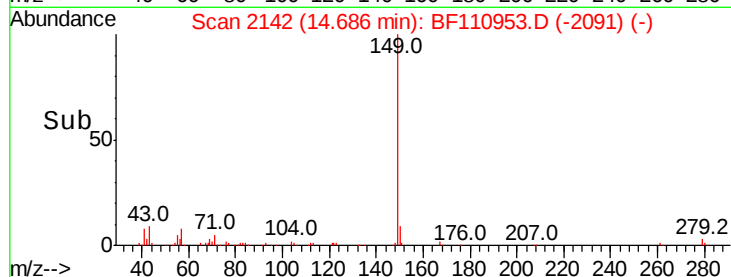
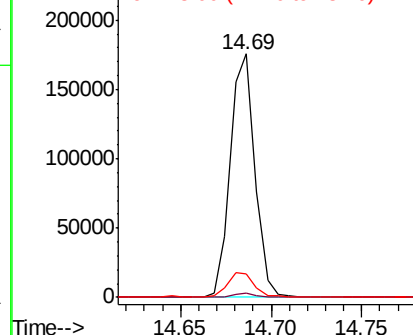
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 165912 |       |       |
| 167     | 1.5   |        | 1.1   | 1.7   |
| 43      | 10.1  |        | 7.8   | 11.8  |

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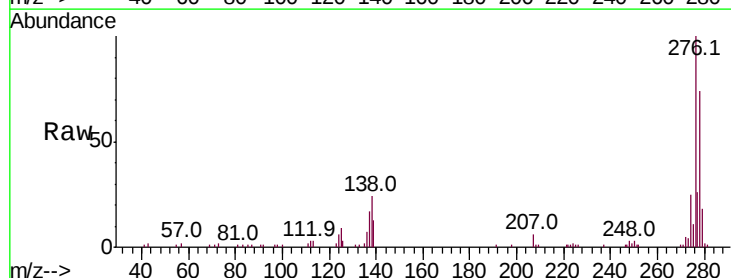


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

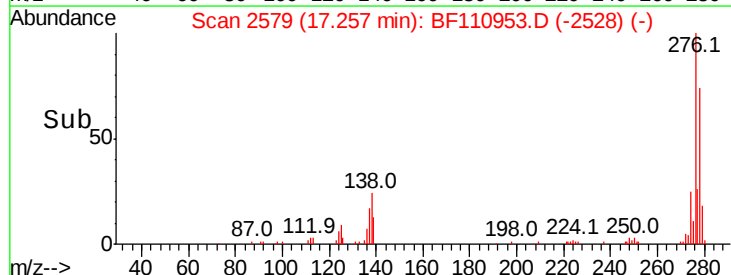
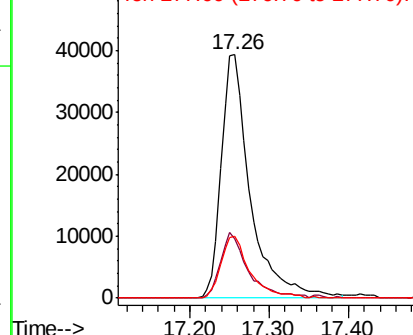


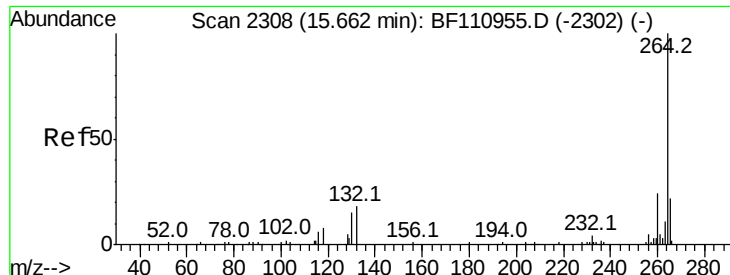
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 10.348 ng  
RT: 17.26 min Scan# 2579  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 100265 |       |       |
| 138     | 25.4  |        | 18.5  | 27.7  |
| 277     | 25.0  |        | 20.0  | 30.0  |



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.00 min

Lab File: BF110953.D

Acq: 26 Nov 2018 10:04

Instrument :

BNA\_F

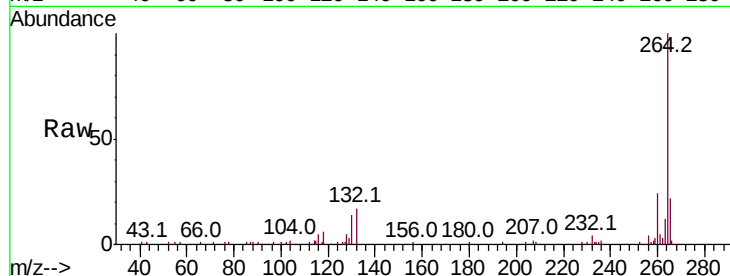
ClientSampleId :

SSTDICC010

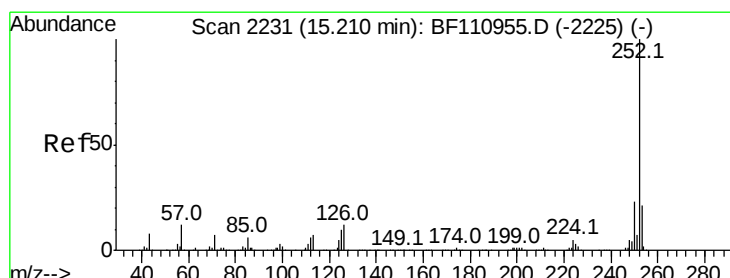
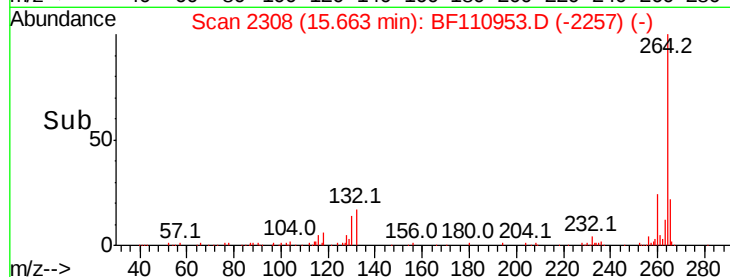
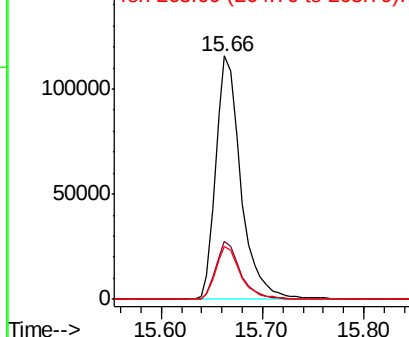
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 199890 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.8  | 18.7  | 28.1   |
| 265       | 21.8  | 16.7  | 25.1   |

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Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 9.564 ng

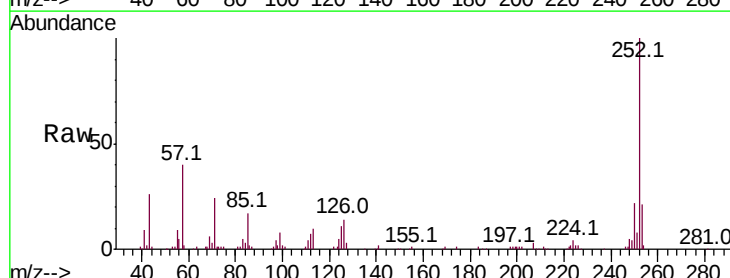
RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

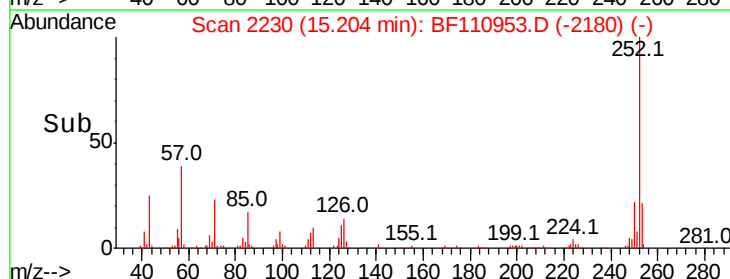
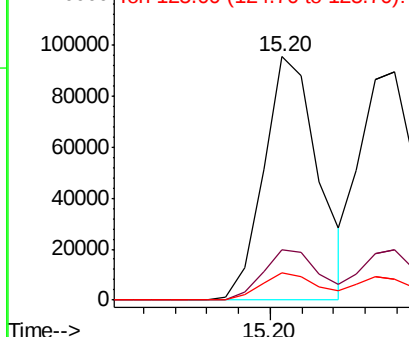
Lab File: BF110953.D

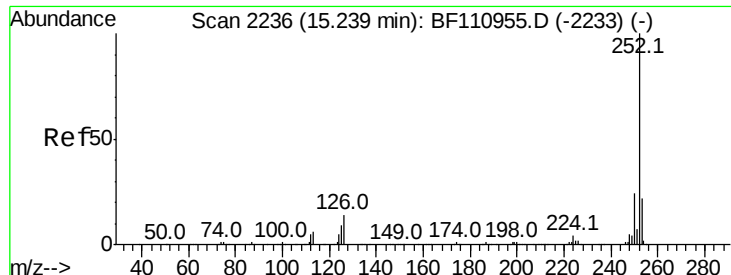
Acq: 26 Nov 2018 10:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 114366 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 20.9  | 17.2  | 25.8   |
| 125       | 11.2  | 8.2   | 12.4   |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





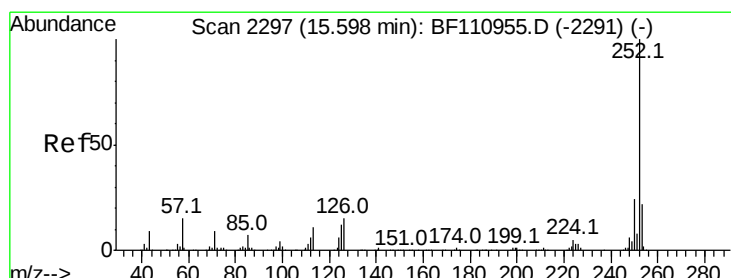
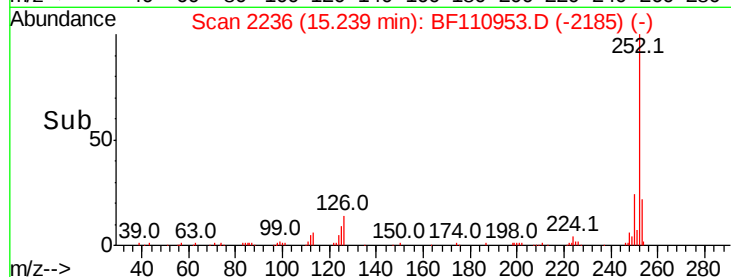
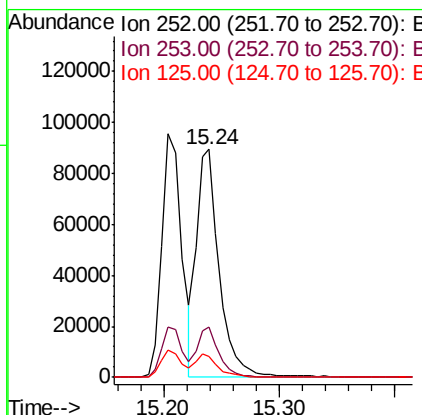
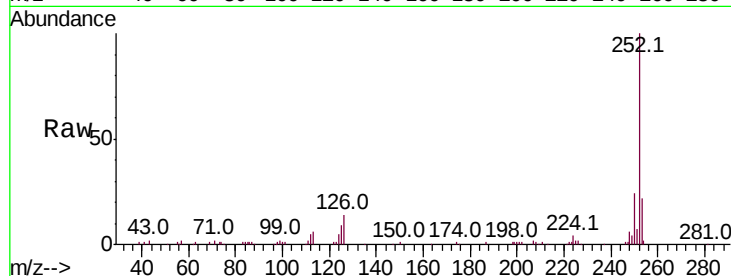
#89  
Benzo(k)fluoranthene  
Concen: 10.468 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.2  | 25.8  |
| 125     | 9.1   | 7.4   | 11.0  |

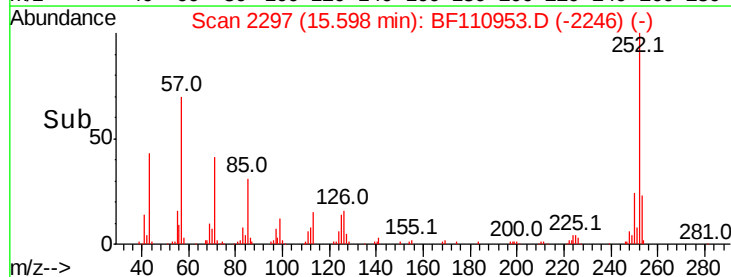
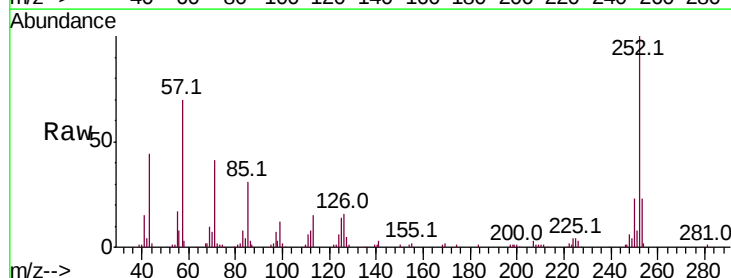
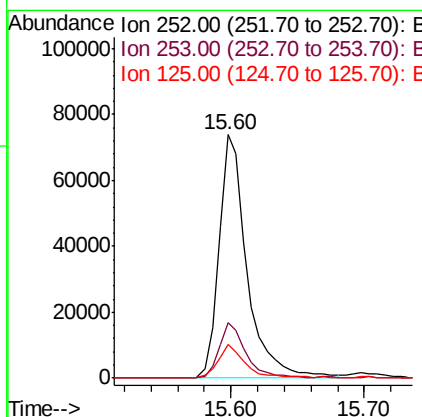
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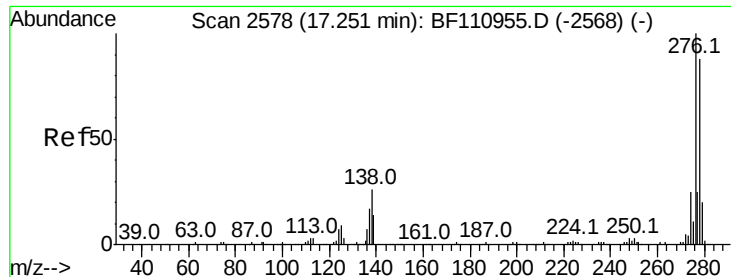
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#90  
Benzo(a)pyrene  
Concen: 10.017 ng  
RT: 15.60 min Scan# 2297  
Delta R.T. 0.00 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.4  |
| 125     | 13.8  | 9.0   | 13.6  |





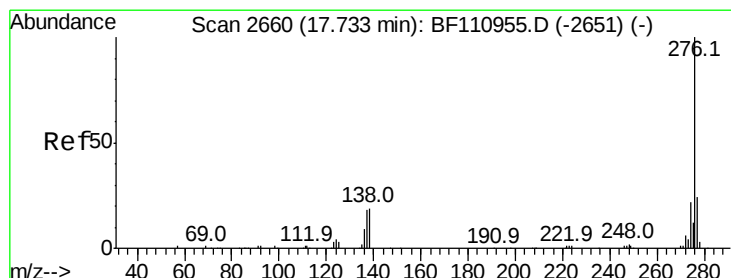
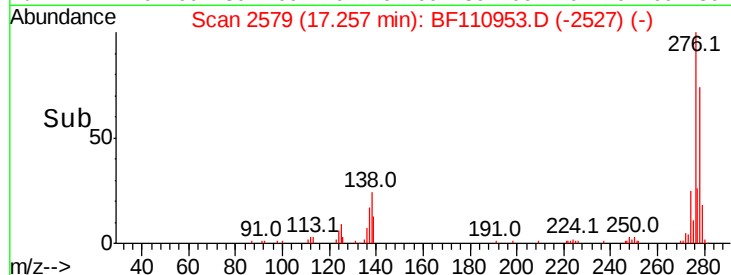
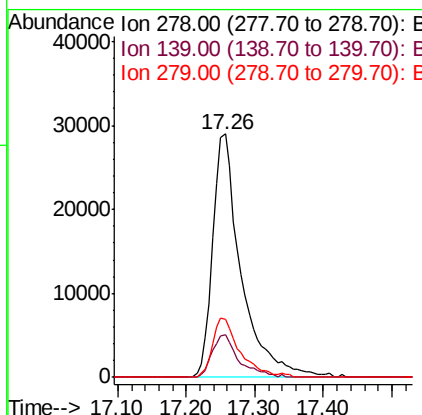
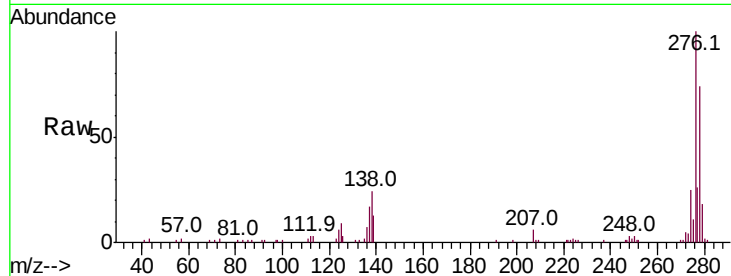
#91  
Dibenzo(a,h)anthracene  
Concen: 9.080 ng  
RT: 17.26 min Scan# 2579  
Delta R.T. 0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.5  | 12.7  | 19.1  |
| 279     | 23.8  | 19.0  | 28.4  |

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#92  
Benzo(g,h,i)perylene  
Concen: 8.548 ng  
RT: 17.74 min Scan# 2662  
Delta R.T. 0.01 min  
Lab File: BF110953.D  
Acq: 26 Nov 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 21.9  | 18.8  | 28.2  |
| 138     | 21.2  | 16.0  | 24.0  |

