

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\  
 Data File : BF112229.D  
 Acq On : 25 Jan 2019 13:21  
 Operator : JU/SJ  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

mohammad  
 1/29/2019 12:31:06 AM

Quant Time: Jan 25 15:37:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 25 15:22:29 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 184424   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 747914   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.88  | 164  | 381085   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.37 | 188  | 761318   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.01 | 240  | 672704   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.47 | 264  | 522732   | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.47  | 112 | 166507 | 16.39 | ng | 0.00  |
| 7) Phenol-d6                | 6.49  | 99  | 244277 | 19.21 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.40  | 82  | 261869 | 24.19 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330 | 98929  | 24.06 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 9.20  | 172 | 594481 | 22.87 | ng | 0.00  |
| 79) Terphenyl-d14           | 12.95 | 244 | 750482 | 23.73 | ng | 0.00  |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.61 | 88  | 32711  | 6.864  | ng | 95   |
| 3) Pyridine                    | 3.38 | 79  | 79389  | 6.651  | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.30 | 42  | 34133  | 7.043  | ng | 90   |
| 6) Aniline                     | 6.50 | 93  | 143897 | 9.306  | ng | 98   |
| 8) 2-Chlorophenol              | 6.63 | 128 | 121190 | 10.270 | ng | 98   |
| 9) Benzaldehyde                | 6.39 | 77  | 71612  | 9.951  | ng | 96   |
| 10) Phenol                     | 6.50 | 94  | 134910 | 9.710  | ng | 96   |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93  | 105740 | 9.572  | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 145383 | 10.795 | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 6.86 | 146 | 149070 | 10.821 | ng | 100  |
| 14) 1,2-Dichlorobenzene        | 7.02 | 146 | 144411 | 11.381 | ng | 99   |
| 15) Benzyl Alcohol             | 6.99 | 79  | 107266 | 11.325 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45  | 144287 | 9.057  | ng | 90   |
| 17) 2-Methylphenol             | 7.10 | 107 | 97987  | 11.057 | ng | 98   |
| 18) Hexachloroethane           | 7.36 | 117 | 52435  | 11.404 | ng | 97   |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70  | 91572  | 11.824 | ng | 99   |
| 20) 3+4-Methylphenols          | 7.26 | 107 | 130690 | 12.162 | ng | # 72 |
| 22) Acetophenone               | 7.25 | 105 | 188724 | 10.892 | ng | # 92 |
| 24) Nitrobenzene               | 7.42 | 77  | 131055 | 11.423 | ng | 97   |
| 25) Isophorone                 | 7.66 | 82  | 210951 | 10.089 | ng | 99   |
| 26) 2-Nitrophenol              | 7.74 | 139 | 69134  | 12.764 | ng | 90   |
| 27) 2,4-Dimethylphenol         | 7.78 | 122 | 98344  | 10.132 | ng | 95   |
| 28) bis(2-Chloroethoxy)methane | 7.87 | 93  | 144441 | 10.071 | ng | 97   |
| 29) 2,4-Dichlorophenol         | 7.99 | 162 | 110995 | 10.469 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 8.07 | 180 | 126899 | 10.313 | ng | 100  |
| 31) Naphthalene                | 8.15 | 128 | 369238 | 10.854 | ng | 98   |
| 32) Benzoic acid               | 7.88 | 122 | 40137m | 10.052 | ng |      |
| 33) 4-Chloroaniline            | 8.20 | 127 | 161264 | 10.548 | ng | 99   |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 74068  | 10.817 | ng | 97   |
| 35) Caprolactam                | 8.54 | 113 | 39125  | 10.543 | ng | 94   |
| 36) 4-Chloro-3-methylphenol    | 8.69 | 107 | 113992 | 11.008 | ng | 98   |
| 37) 2-Methylnaphthalene        | 8.84 | 142 | 253330 | 10.967 | ng | 98   |
| 38) 1-Methylnaphthalene        | 8.94 | 142 | 240331 | 10.826 | ng | 97   |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.01 | 216 | 128388 | 10.492 | ng | 99   |

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Manual Integrations  
 APPROVED

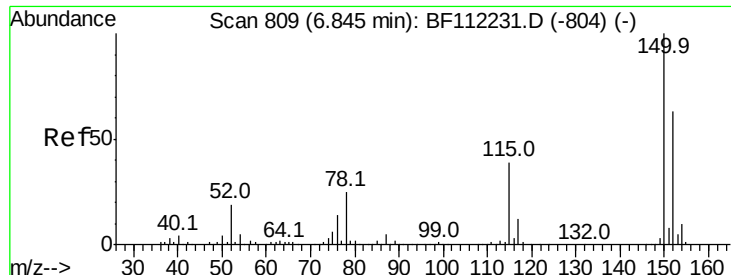
mohammad  
 1/29/2019 12:31:06 AM

Quant Time: Jan 25 15:37:57 2019  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.99  | 237  | 17027    | 4.246  | nq    | 92       |
| 43) 2,4,6-Trichlorophenol      | 9.12  | 196  | 76477    | 10.447 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.17  | 196  | 78897    | 10.119 | nq    | 95       |
| 46) 1,1'-Biphenyl              | 9.30  | 154  | 354947   | 11.139 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 9.33  | 162  | 267845   | 10.738 | nq    | 96       |
| 48) 2-Nitroaniline             | 9.42  | 65   | 71452    | 12.718 | nq    | 91       |
| 49) Acenaphthylene             | 9.75  | 152  | 402659   | 11.062 | nq    | 96       |
| 50) Dimethylphthalate          | 9.59  | 163  | 308408   | 11.097 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.66  | 165  | 68599    | 12.360 | nq    | 97       |
| 52) Acenaphthene               | 9.92  | 154  | 241353   | 10.837 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.83  | 138  | 75935    | 12.235 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 9.96  | 184  | 15439    | 13.051 | nq    | 94       |
| 55) Dibenzofuran               | 10.09 | 168  | 376832   | 11.189 | nq    | 96       |
| 56) 4-Nitrophenol              | 10.02 | 139  | 32414    | 8.403  | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 90631    | 13.704 | nq    | # 90     |
| 58) Fluorene                   | 10.43 | 166  | 286562   | 11.388 | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.21 | 232  | 60199    | 10.232 | nq    | 92       |
| 60) Diethylphthalate           | 10.29 | 149  | 313749   | 11.565 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 10.42 | 204  | 153345   | 11.293 | nq    | 94       |
| 62) 4-Nitroaniline             | 10.44 | 138  | 75958    | 12.325 | nq    | 96       |
| 63) Azobenzene                 | 10.58 | 77   | 273948   | 10.545 | nq    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 35114    | 13.008 | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 10.53 | 169  | 271715   | 10.796 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.91 | 248  | 94177    | 10.650 | nq    | 95       |
| 68) Hexachlorobenzene          | 10.99 | 284  | 99259    | 10.420 | nq    | 94       |
| 69) Atrazine                   | 11.06 | 200  | 93712    | 11.539 | nq    | 98       |
| 70) Pentachlorophenol          | 11.19 | 266  | 26593    | 6.751  | nq    | 95       |
| 71) Phenanthrene               | 11.39 | 178  | 423106   | 11.043 | nq    | 98       |
| 72) Anthracene                 | 11.45 | 178  | 429579   | 11.068 | nq    | 98       |
| 73) Carbazole                  | 11.60 | 167  | 420156   | 10.806 | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.92 | 149  | 491657   | 11.242 | nq    | 97       |
| 75) Fluoranthene               | 12.58 | 202  | 454402   | 11.233 | nq    | 97       |
| 77) Benzidine                  | 12.70 | 184  | 247966   | 11.048 | nq    | 95       |
| 78) Pyrene                     | 12.81 | 202  | 476124   | 10.728 | nq    | 97       |
| 80) Butylbenzylphthalate       | 13.42 | 149  | 215762   | 11.081 | nq    | 95       |
| 81) Benzo(a)anthracene         | 14.00 | 228  | 403042   | 10.449 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.95 | 252  | 170089   | 11.775 | nq    | # 98     |
| 83) Chrysene                   | 14.03 | 228  | 393082   | 10.770 | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 318368   | 11.409 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 14.59 | 149  | 479811   | 11.160 | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.94 | 276  | 326335   | 9.692  | nq    | 96       |
| 88) Benzo(b)fluoranthene       | 15.04 | 252  | 312860   | 10.544 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.07 | 252  | 312071   | 10.866 | nq    | 100      |
| 90) Benzo(a)pyrene             | 15.41 | 252  | 291270   | 10.704 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.95 | 278  | 275964   | 11.418 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.39 | 276  | 274545   | 11.530 | nq    | 95       |

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





#1

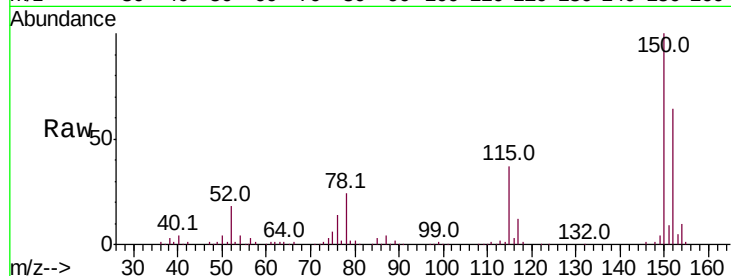
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 809  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.7 | 127.4 | 191.0 |
| 115     | 58.1  | 45.5  | 68.3  |

Manual Integrations  
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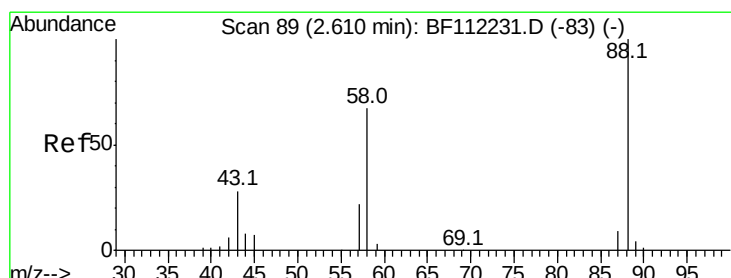
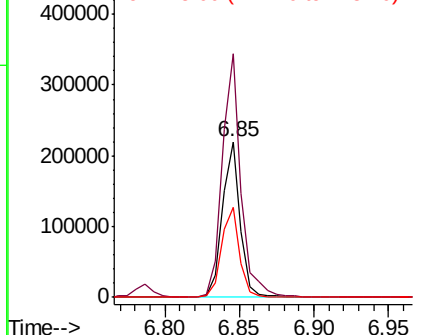
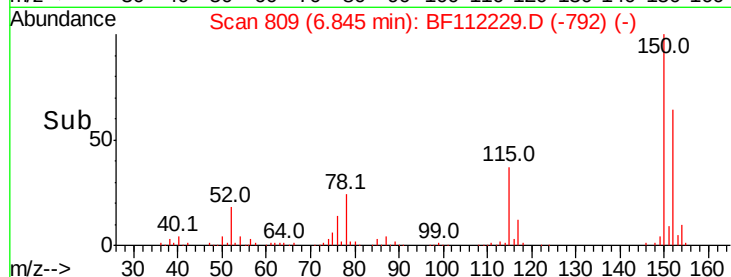


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

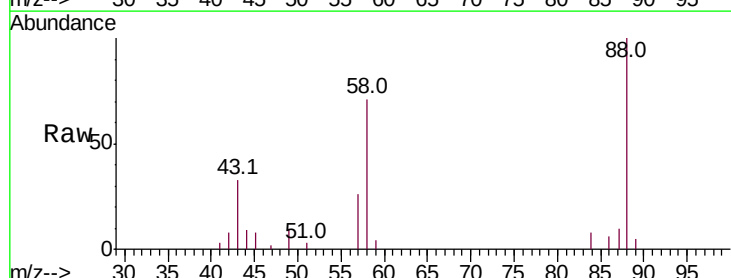
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 6.864 ng  
RT: 2.61 min Scan# 89  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 67.5  | 57.4  | 86.2  |
| 43      | 29.9  | 22.2  | 33.4  |

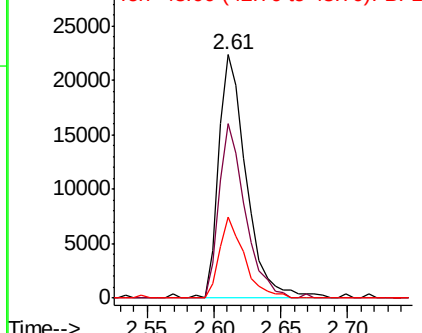
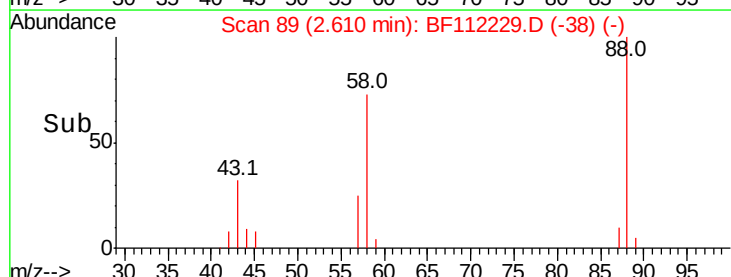


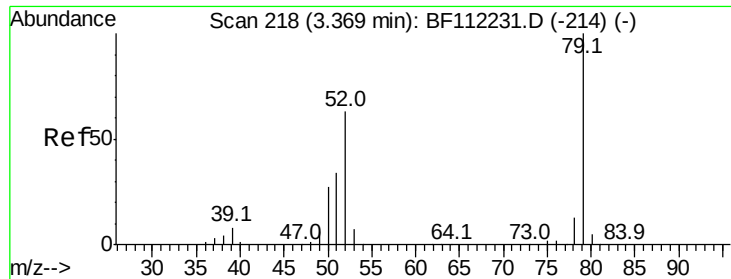
Abundance

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





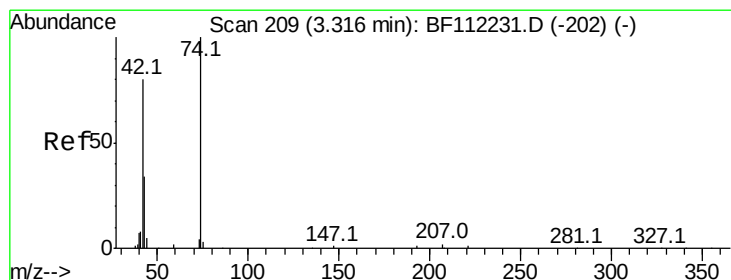
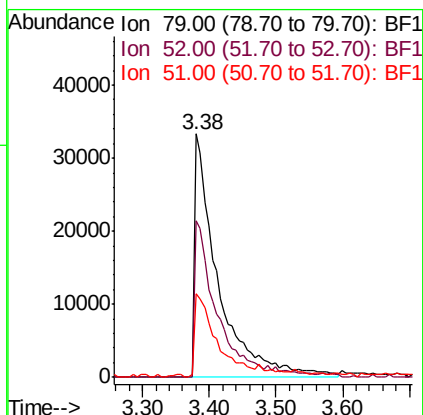
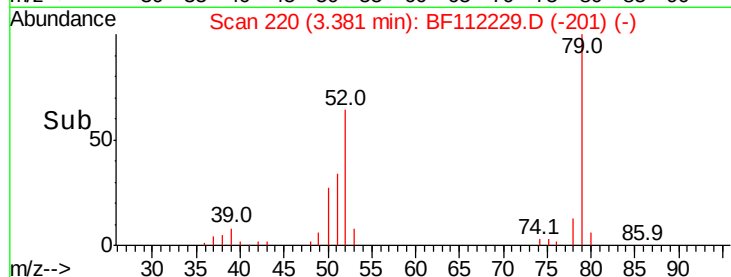
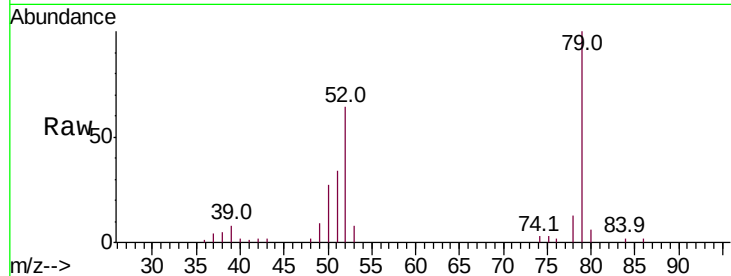
#3  
 Pvridine  
 Concen: 6.651 ng  
 RT: 3.38 min Scan# 220  
 Delta R.T. 0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 64.5  | 52.4  | 78.6  |
| 51      | 34.4  | 26.1  | 39.1  |

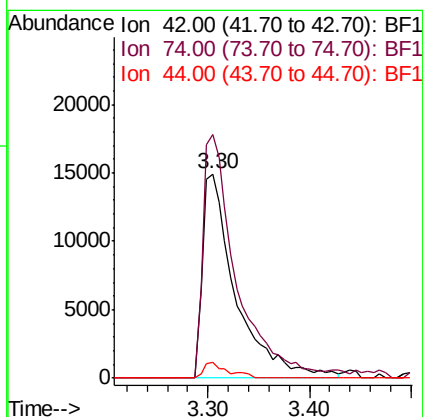
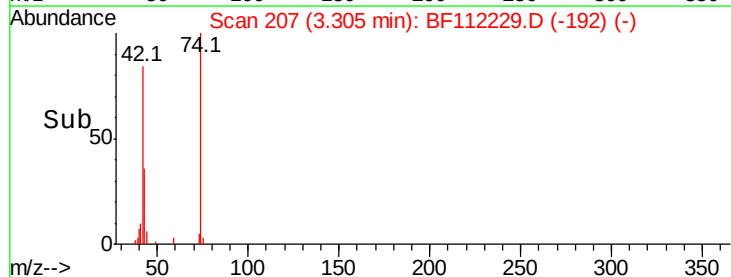
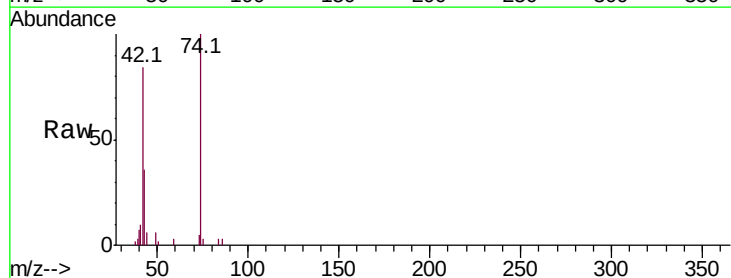
Manual Integrations  
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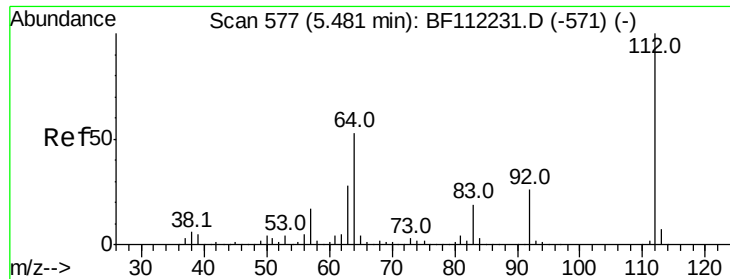
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#4  
 n-Nitrosodimethylamine  
 Concen: 7.043 ng  
 RT: 3.30 min Scan# 207  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 119.3 | 105.6 | 158.4 |
| 44      | 7.5   | 5.4   | 8.2   |





#5

2-Fluorophenol

Concen: 16.387 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

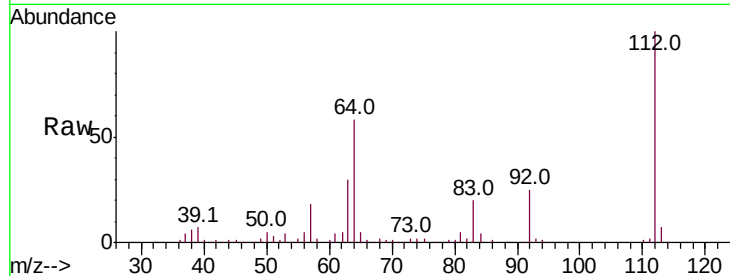
ClientSampleId :

SSTDIC010

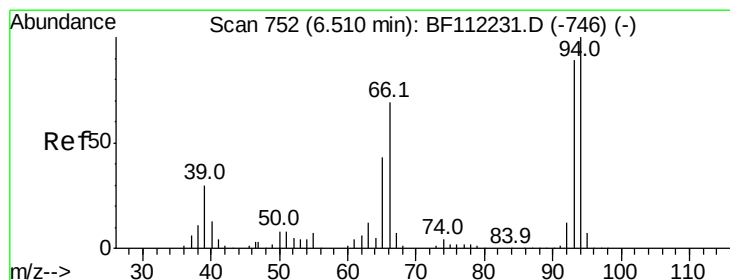
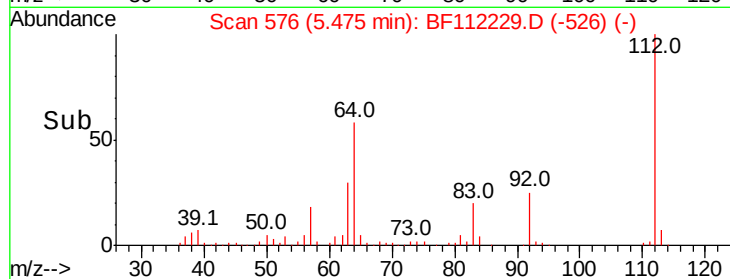
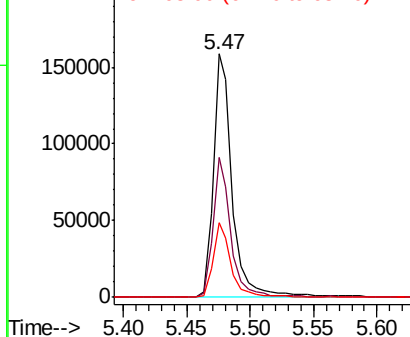
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 166507 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 57.6  | 45.7  | 68.5   |
| 63        | 30.5  | 23.6  | 35.4   |

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Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.306 ng

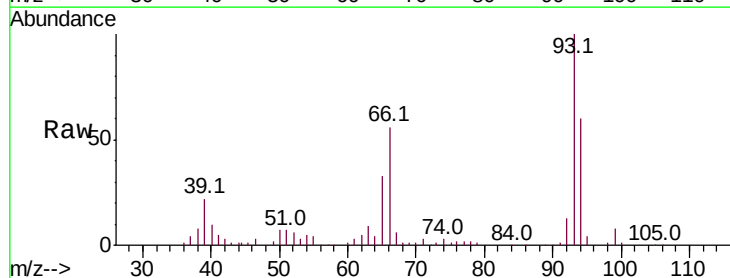
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

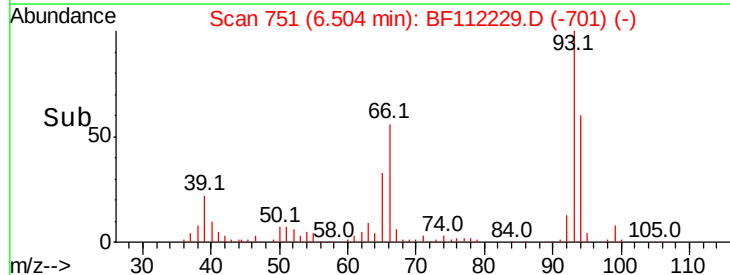
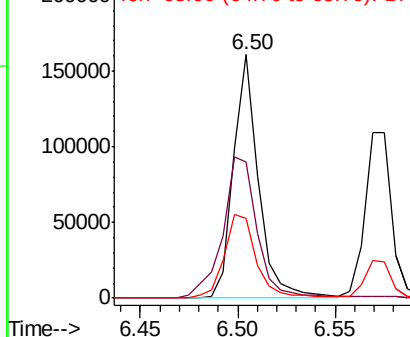
Lab File: BF112229.D

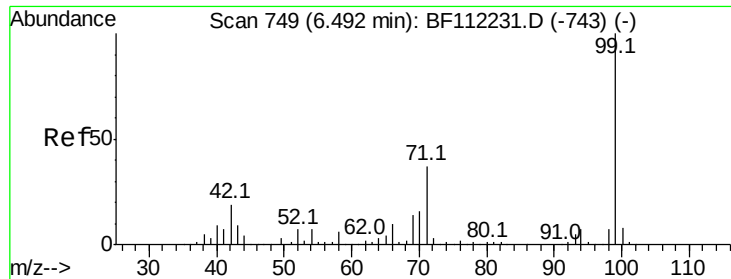
Acq: 25 Jan 2019 13:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 143897 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 55.9  | 43.4  | 65.2   |
| 65        | 32.8  | 25.3  | 37.9   |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 19.215 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

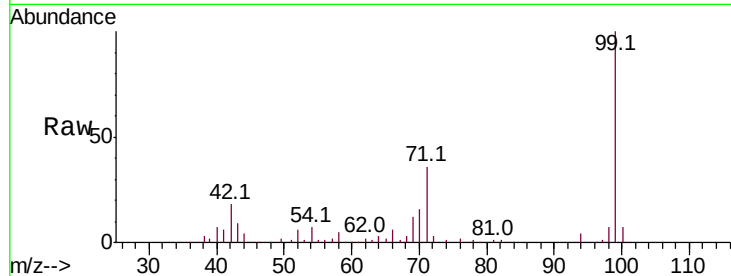
ClientSampleId :

SSTDIC010

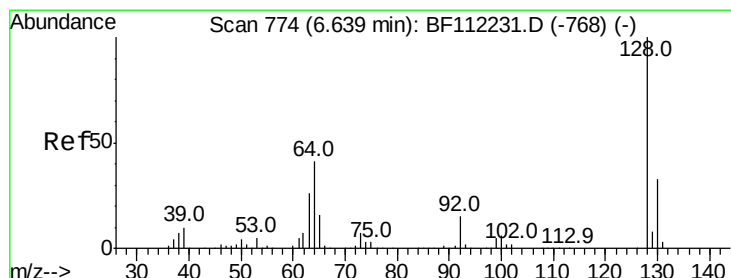
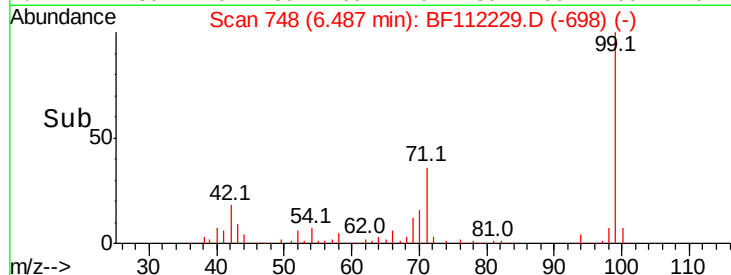
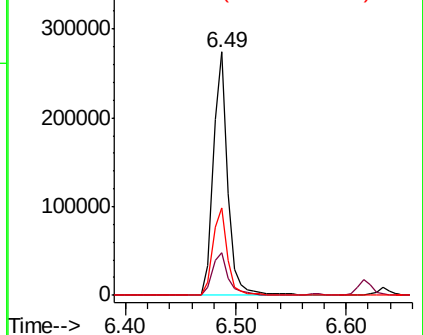
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 244277 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.8  | 15.1  | 22.7   |
| 71        | 35.7  | 26.9  | 40.3   |

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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 10.270 ng

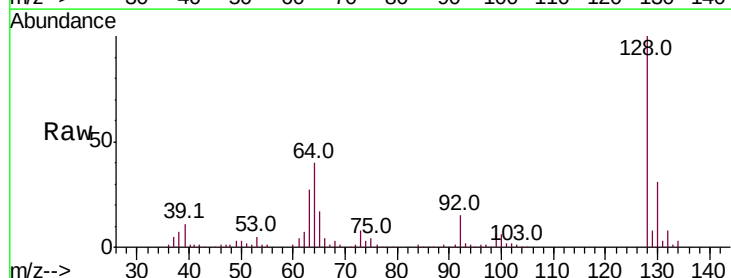
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

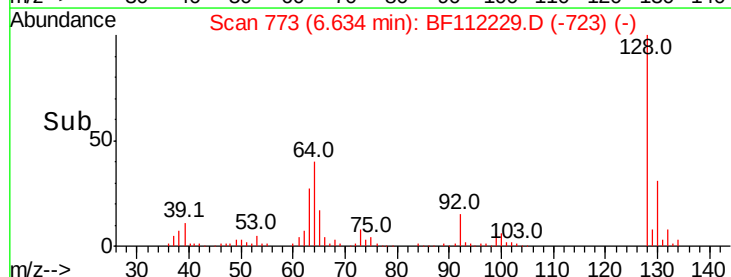
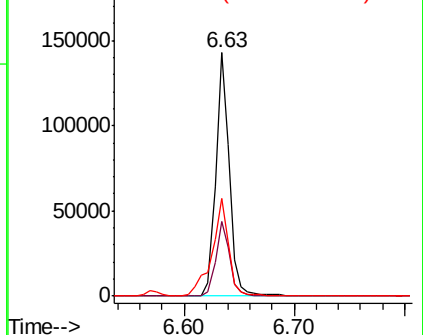
Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

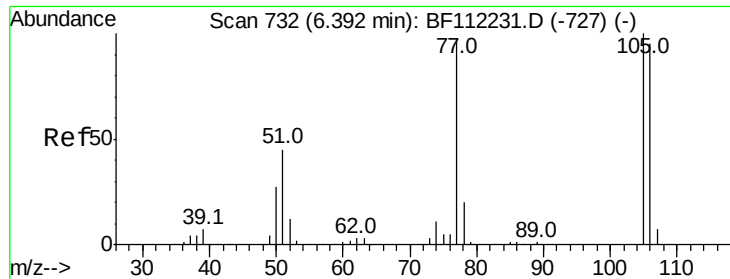
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 121190 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 30.9  | 13.4  | 53.4   |
| 64        | 40.3  | 20.5  | 60.5   |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 9.951 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

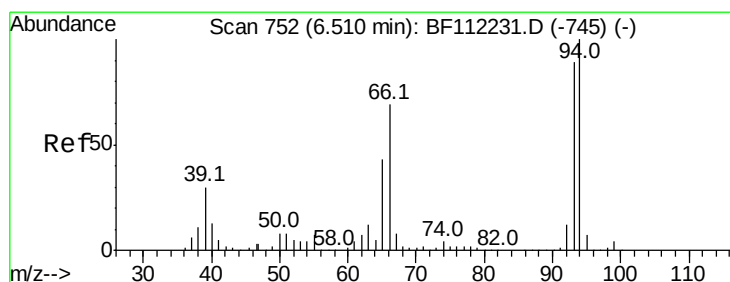
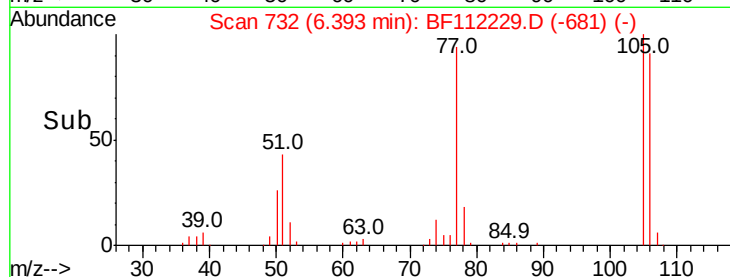
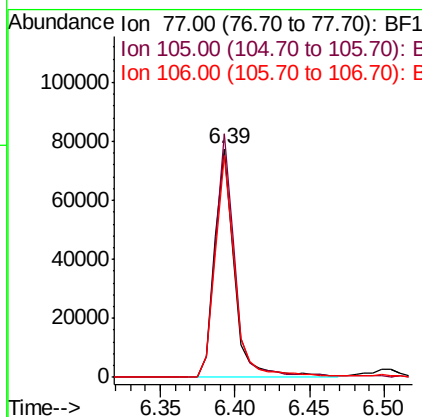
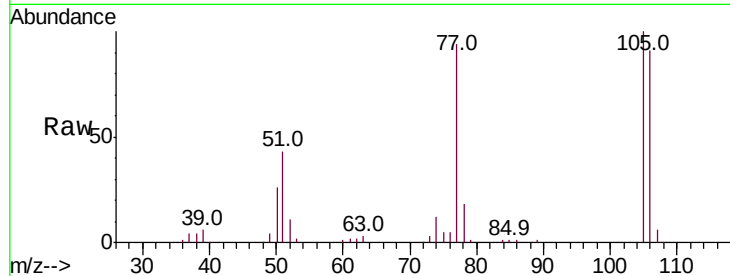
ClientSampled :

SSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 71612 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 106.6 | 80.8  | 120.8 |
| 106      | 97.2  | 75.7  | 115.7 |

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#10

Phenol

Concen: 9.710 ng

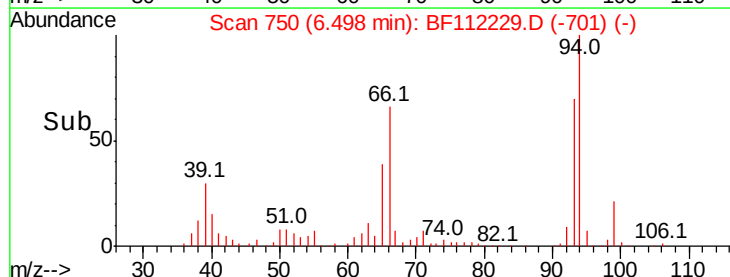
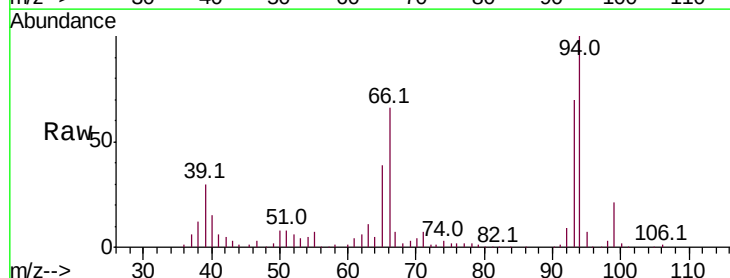
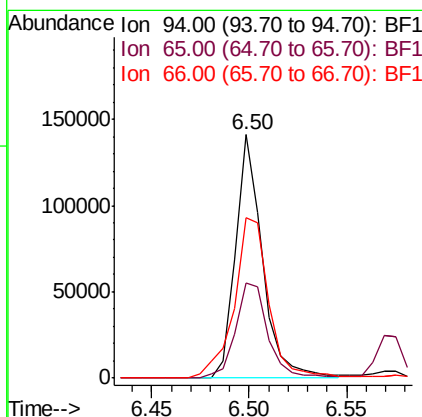
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

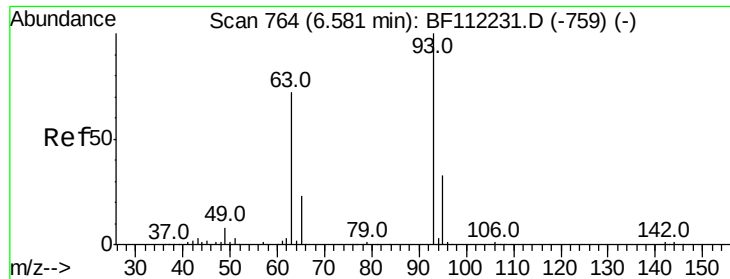
Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 134910 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 39.3  | 20.3  | 60.3   |
| 66       | 66.0  | 42.4  | 82.4   |







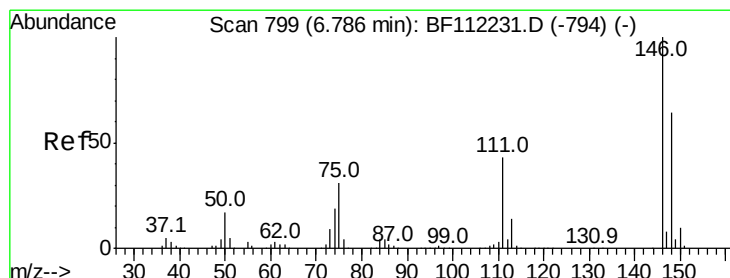
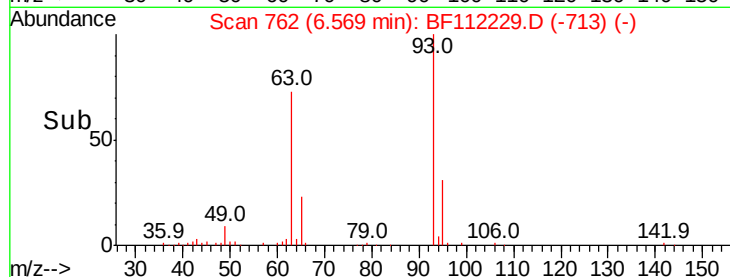
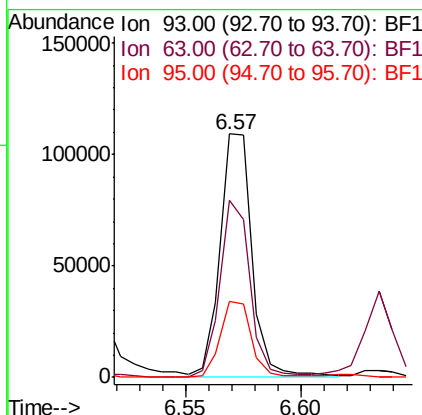
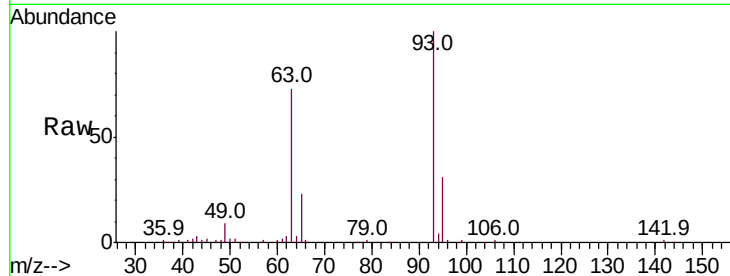
#11  
 bis(2-Chloroethyl)ether  
 Concen: 9.572 ng  
 RT: 6.57 min Scan# 762  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 105740 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 72.5  | 53.3  | 93.3   |
| 95        | 31.4  | 13.4  | 53.4   |

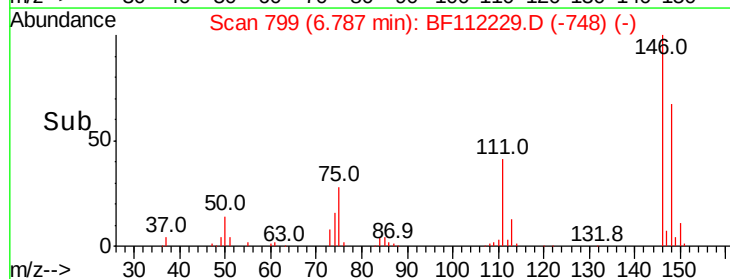
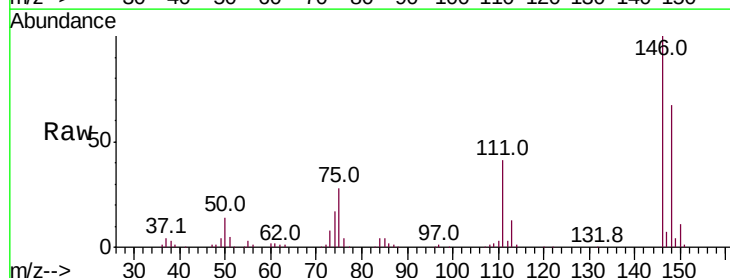
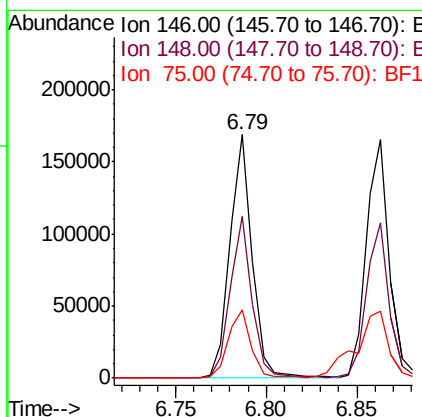
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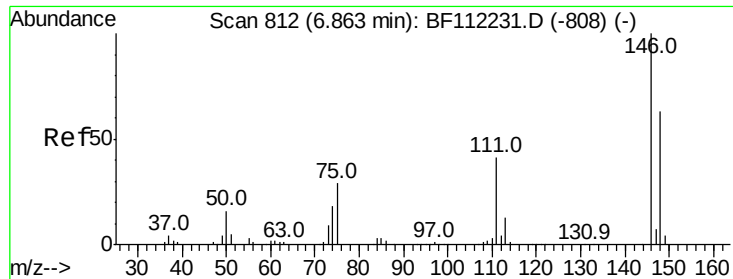
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#12  
 1,3-Dichlorobenzene  
 Concen: 10.795 ng  
 RT: 6.79 min Scan# 799  
 Delta R.T. 0.00 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 145383 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.6  | 51.8  | 77.8   |
| 75        | 28.0  | 23.1  | 34.7   |





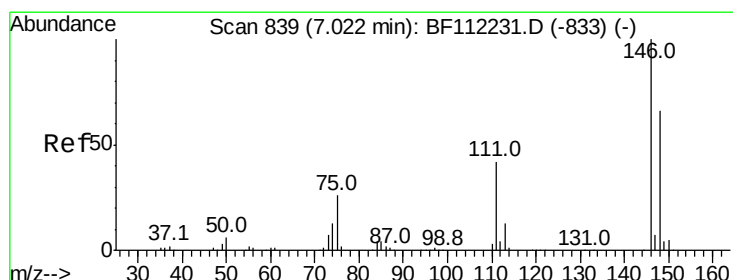
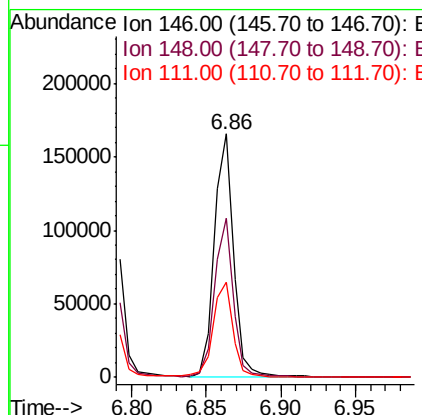
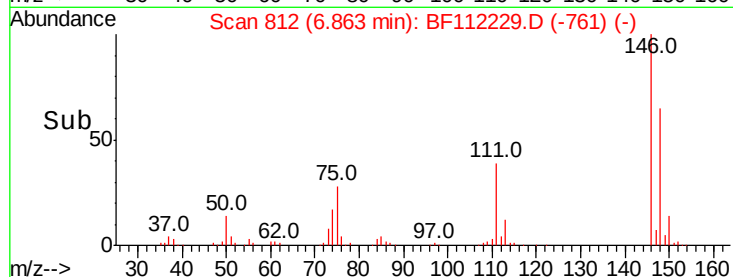
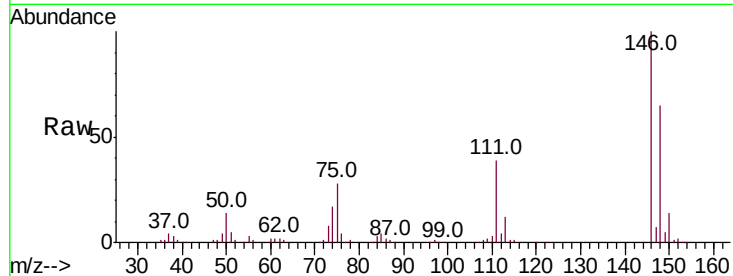
#13  
 1,4-Dichlorobenzene  
 Concen: 10.821 ng  
 RT: 6.86 min Scan# 812  
 Delta R.T. 0.00 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 52.0  | 78.0  |
| 111     | 39.2  | 31.2  | 46.8  |

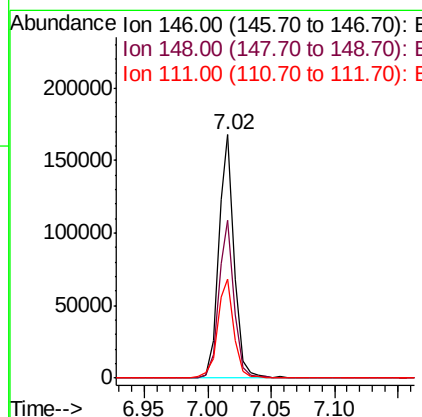
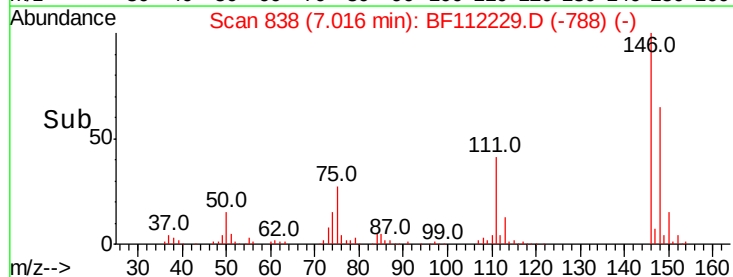
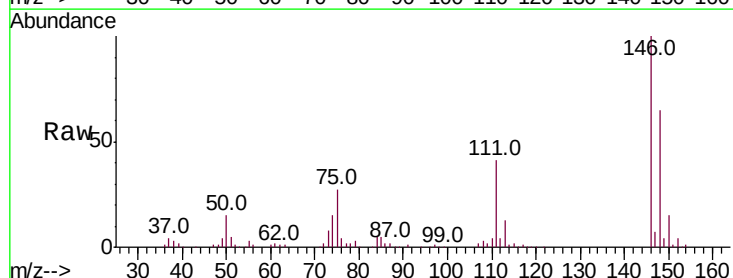
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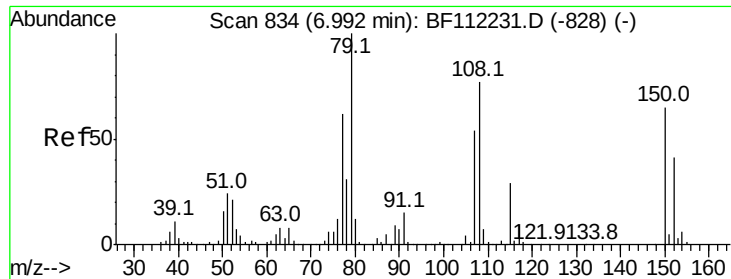
mohammad  
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#14  
 1,2-Dichlorobenzene  
 Concen: 11.381 ng  
 RT: 7.02 min Scan# 838  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 52.2  | 78.4  |
| 111     | 40.7  | 31.2  | 46.8  |





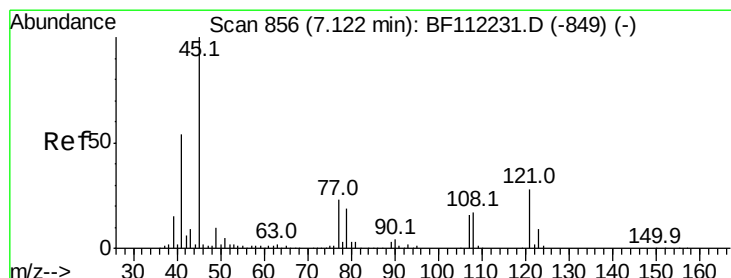
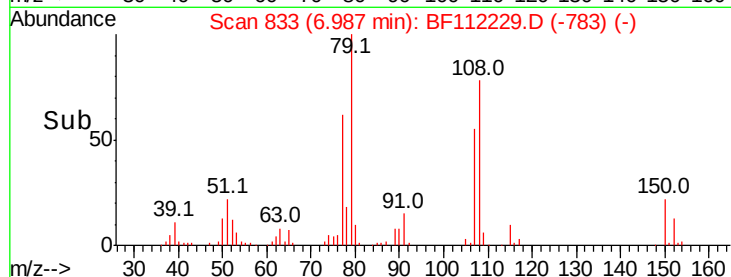
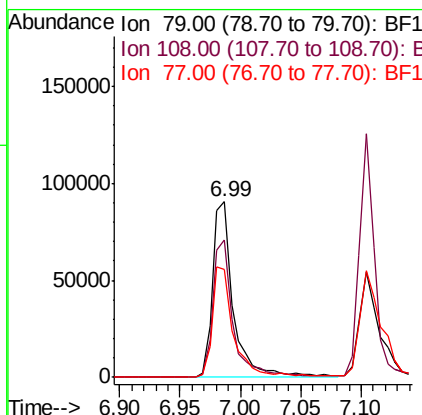
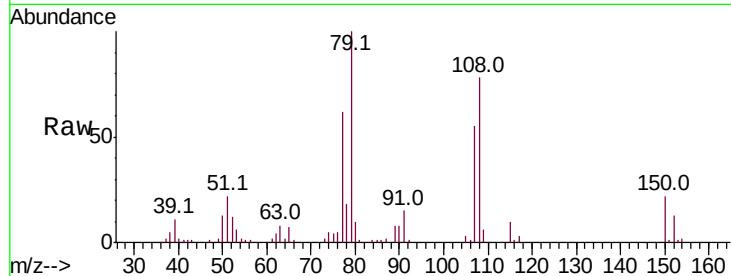
#15  
Benzyl Alcohol  
Concen: 11.325 ng  
RT: 6.99 min Scan# 833  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 78.4  | 64.2  | 96.2  |
| 77      | 61.7  | 50.3  | 75.5  |

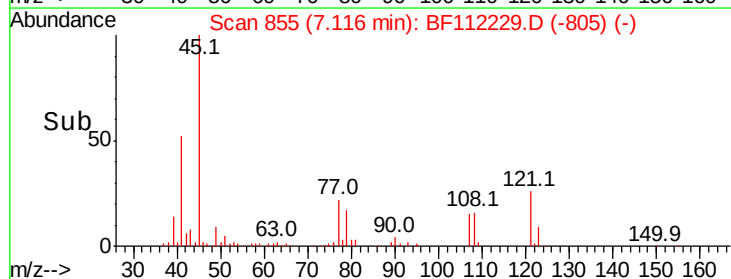
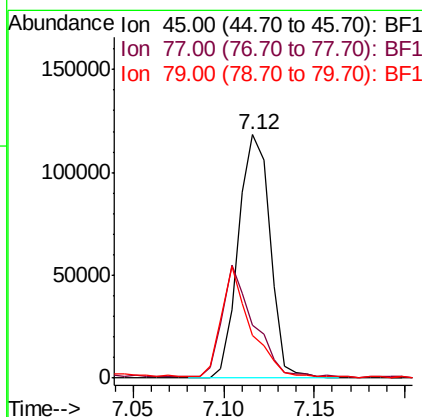
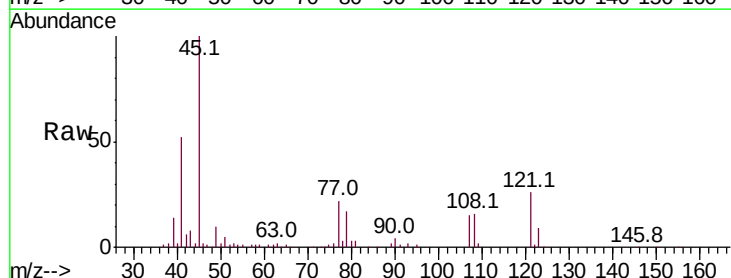
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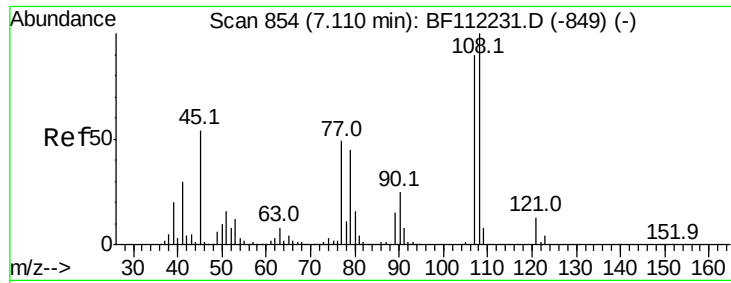
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 9.057 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 21.7  | 0.0   | 36.9  |
| 79      | 17.4  | 0.0   | 34.0  |





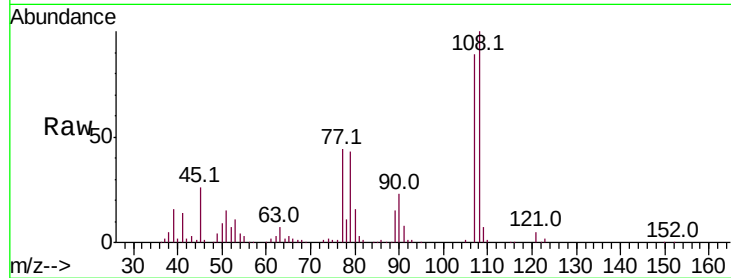
#17  
2-Methylphenol  
Concen: 11.057 ng  
RT: 7.10 min Scan# 853  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 97987 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.0 | 91.3  | 136.9 |
| 77       | 48.8  | 39.0  | 58.6  |
| 79       | 48.4  | 37.0  | 55.4  |

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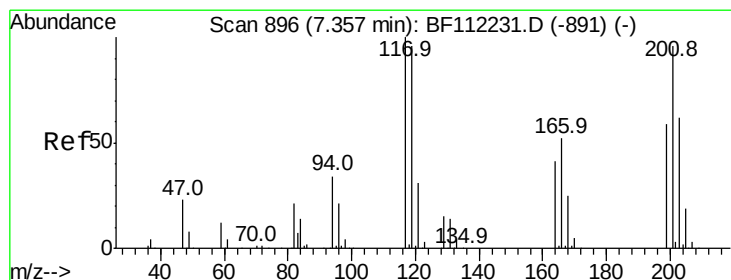
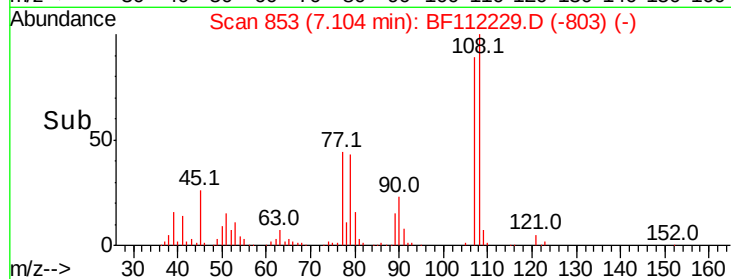
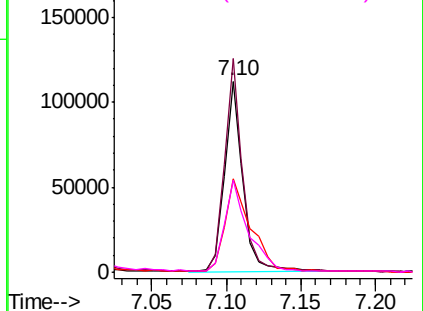
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

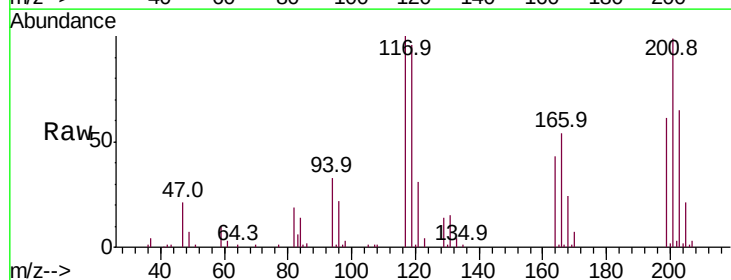
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 11.404 ng  
RT: 7.36 min Scan# 896  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 52435 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.6  | 77.0  | 115.4 |
| 201      | 98.9  | 74.1  | 111.1 |

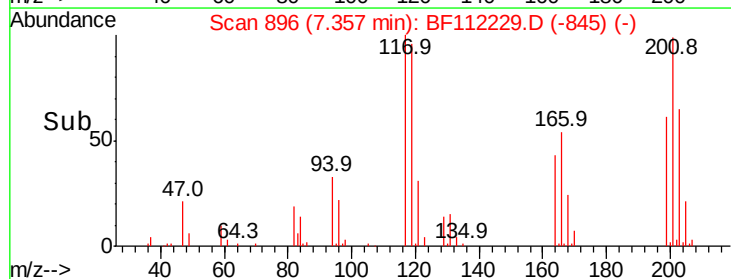
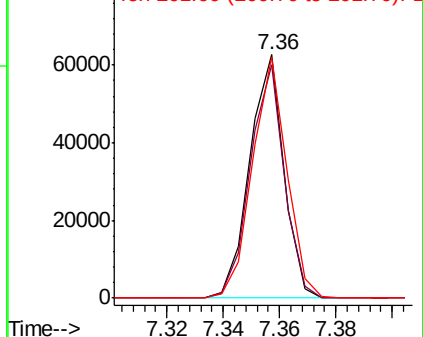


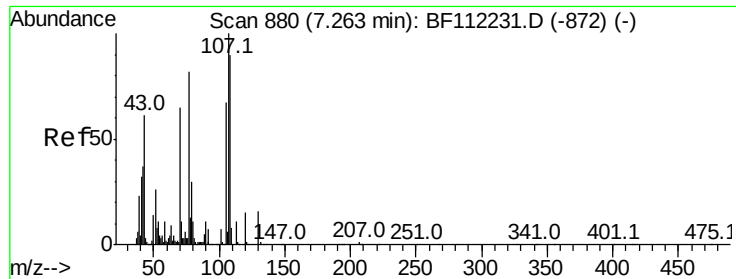
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 11.824 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

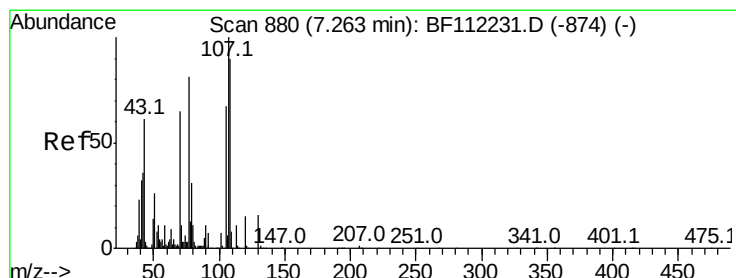
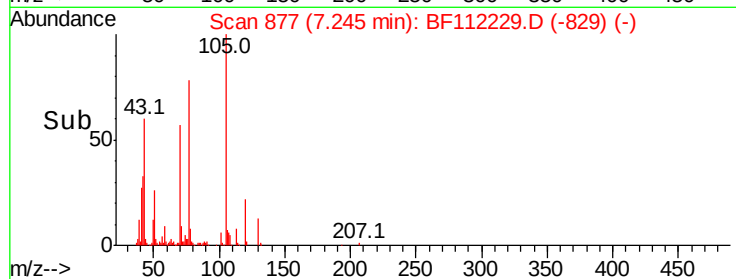
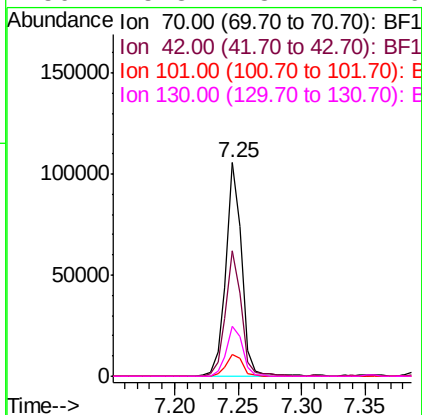
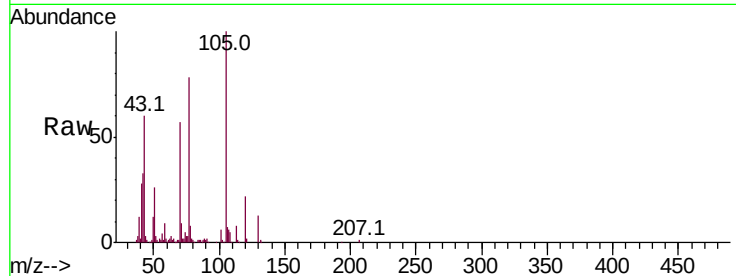
ClientSampleId :

SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 58.5  | 47.6  | 71.4  |
| 101     | 10.5  | 7.9   | 11.9  |
| 130     | 23.3  | 18.4  | 27.6  |

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#20

3+4-Methylphenols

Concen: 12.162 ng

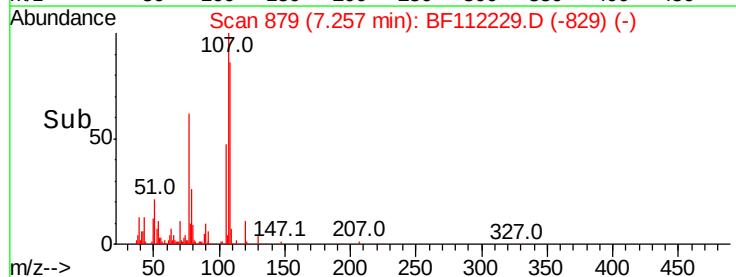
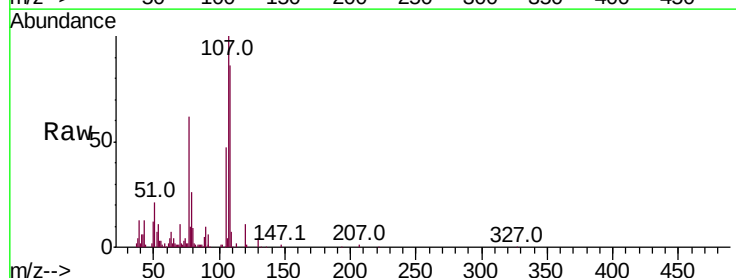
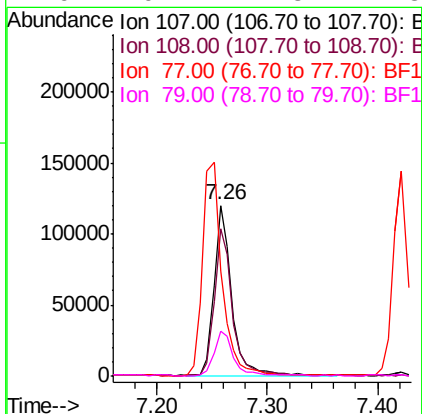
RT: 7.26 min Scan# 879

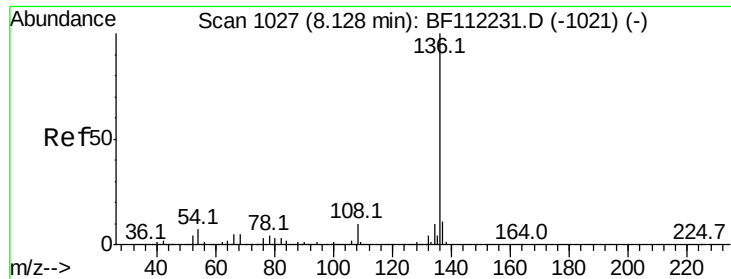
Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 86.2  | 68.2  | 108.2  |
| 77      | 61.5  | 100.7 | 140.7# |
| 79      | 26.4  | 7.3   | 47.3   |





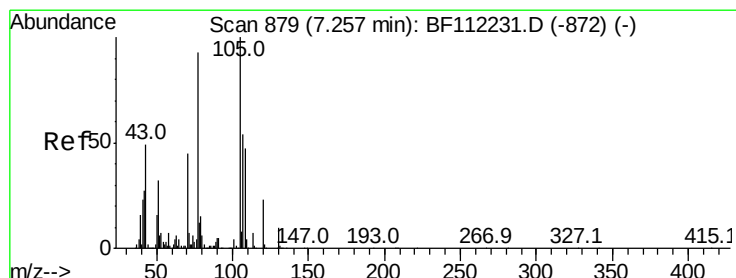
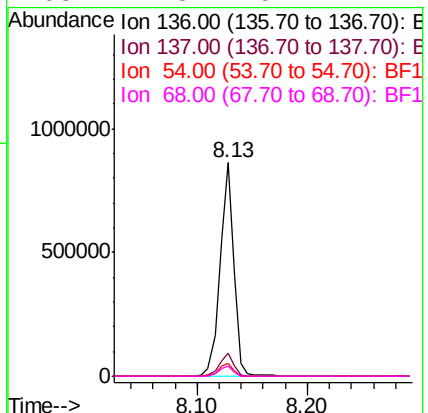
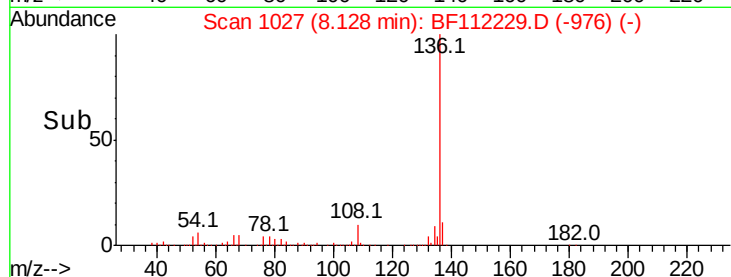
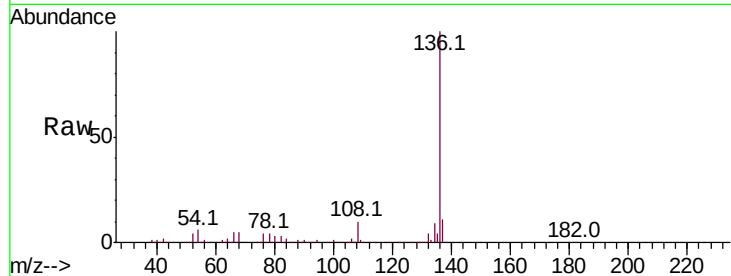
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.13 min Scan# 1027  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 747914 |       |       |
| 137     | 10.9  |        | 9.1   | 13.7  |
| 54      | 6.2   |        | 5.9   | 8.9   |
| 68      | 4.8   |        | 5.1   | 7.7#  |

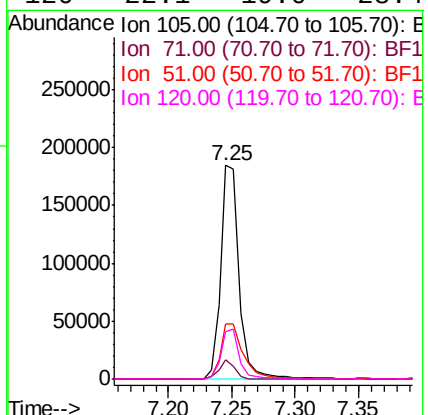
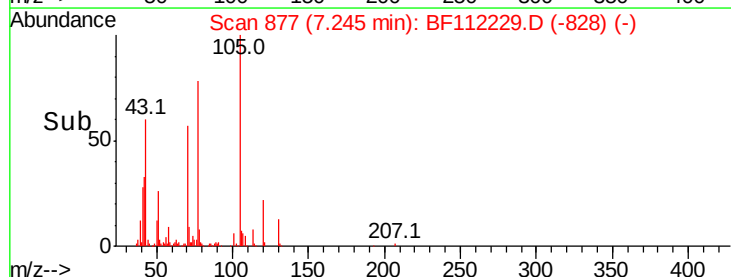
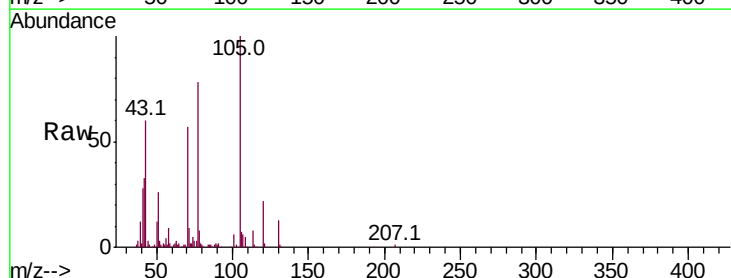
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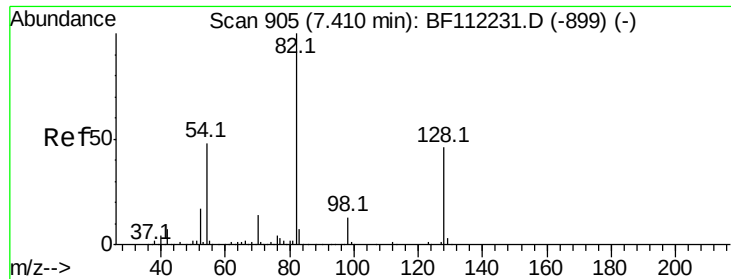
mohammad  
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#22  
Acetophenone  
Concen: 10.892 ng  
RT: 7.25 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 188724 |       |       |
| 71      | 9.3   |        | 4.6   | 6.8#  |
| 51      | 25.7  |        | 25.0  | 37.6  |
| 120     | 22.1  |        | 19.0  | 28.4  |





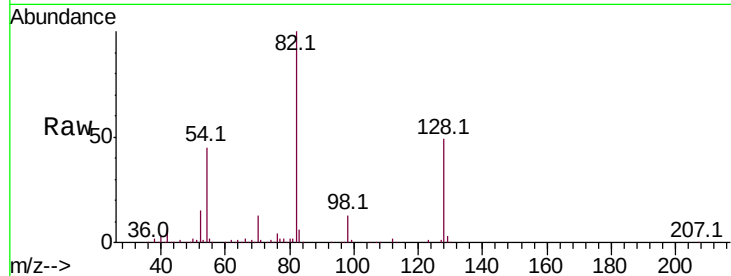
#23  
Nitrobenzene-d5  
Concen: 24.190 ng  
RT: 7.40 min Scan# 904  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 261869 |       |       |
| 128     | 48.7  |        | 37.8  | 56.8  |
| 54      | 45.2  |        | 39.7  | 59.5  |

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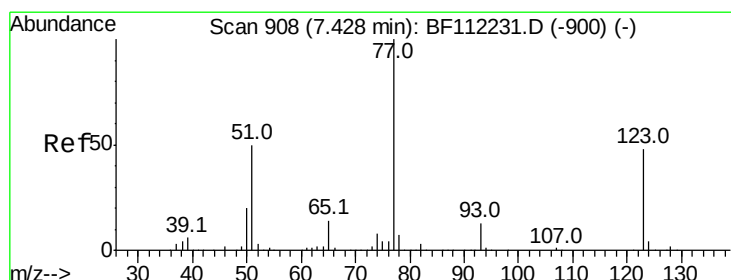
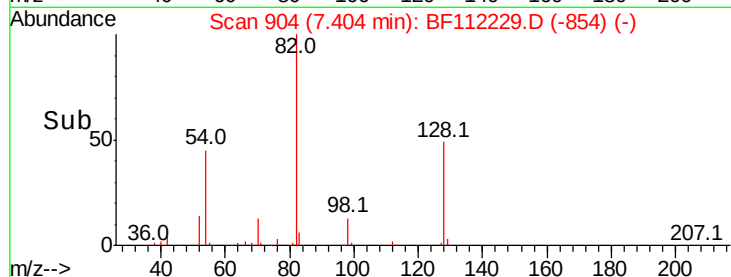
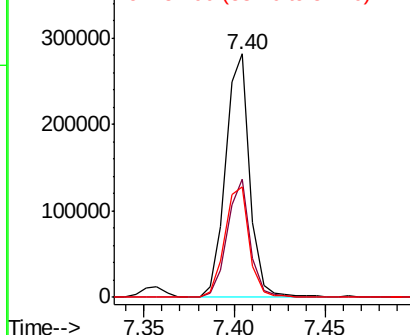


Abundance

Ion 82.00 (81.70 to 82.70): BF1

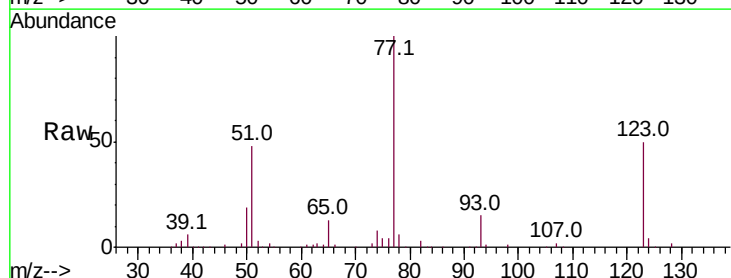
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24  
Nitrobenzene  
Concen: 11.423 ng  
RT: 7.42 min Scan# 907  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 131055 |       |       |
| 123     | 50.0  |        | 38.4  | 57.6  |
| 65      | 12.8  |        | 10.6  | 15.8  |

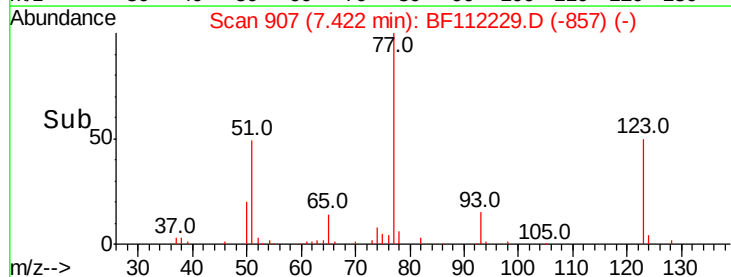
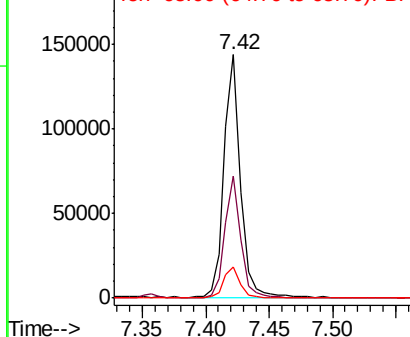


Abundance

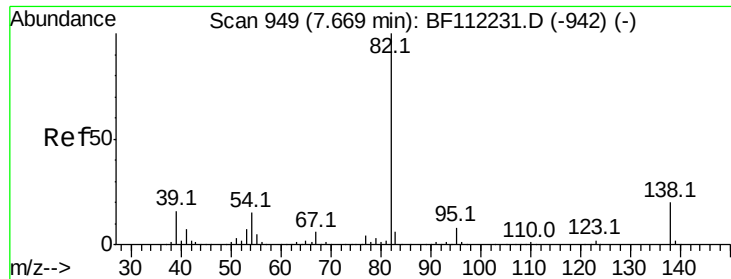
Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 10.089 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

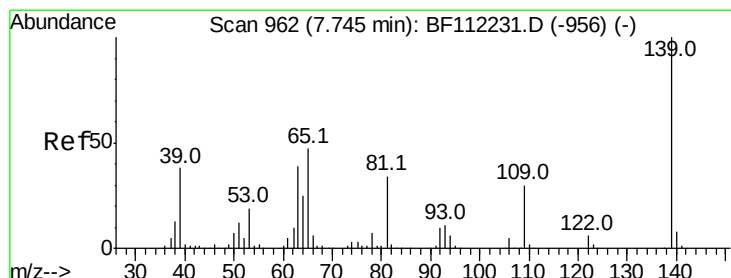
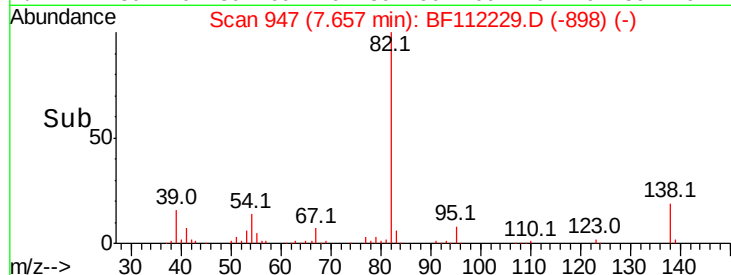
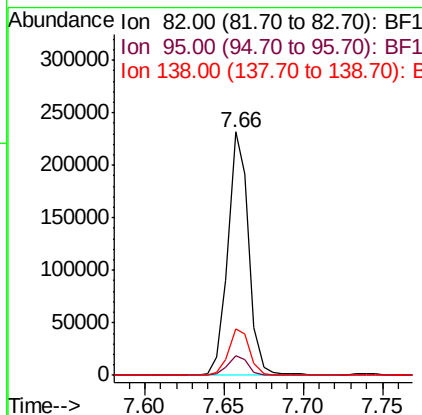
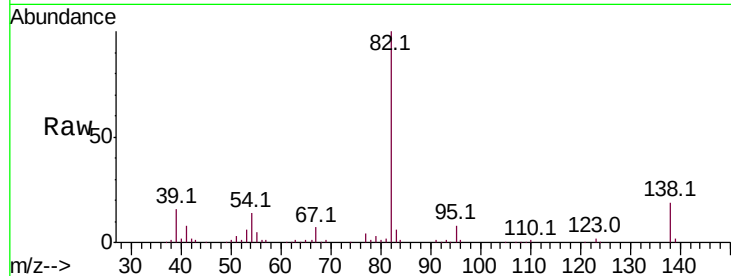
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 210951 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.8   | 5.7   | 8.5    |
| 138       | 19.1  | 15.4  | 23.0   |

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#26

2-Nitrophenol

Concen: 12.764 ng

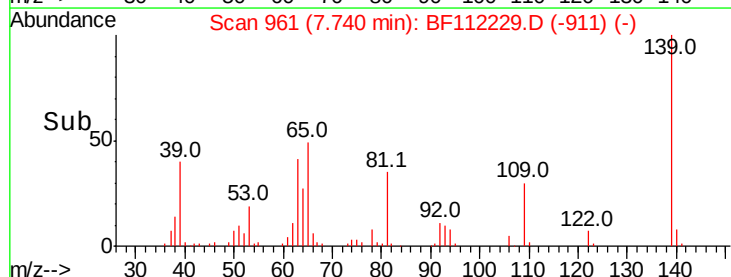
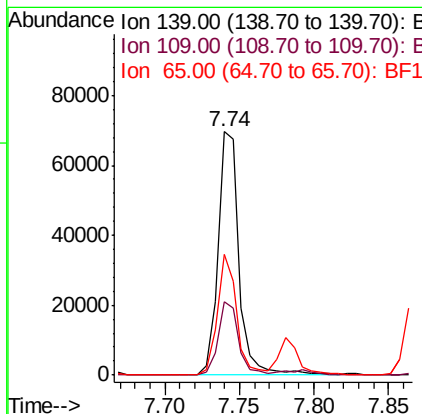
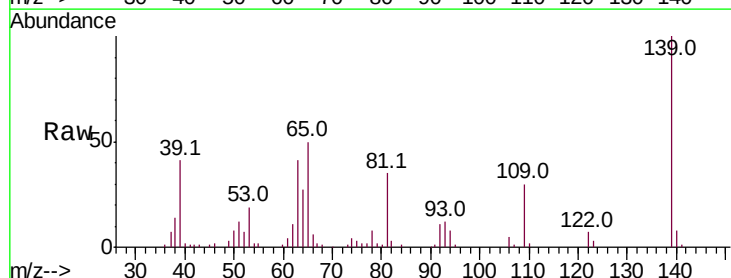
RT: 7.74 min Scan# 961

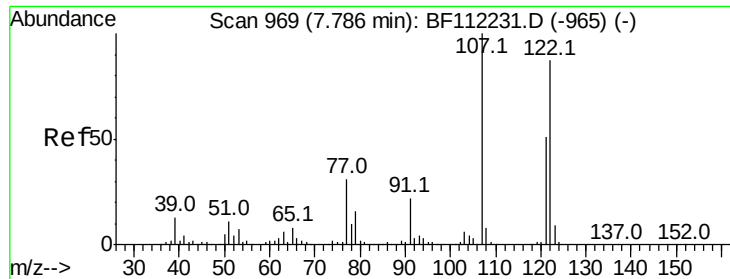
Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 69134 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 30.3  | 20.8  | 31.2  |
| 65        | 49.7  | 34.4  | 51.6  |





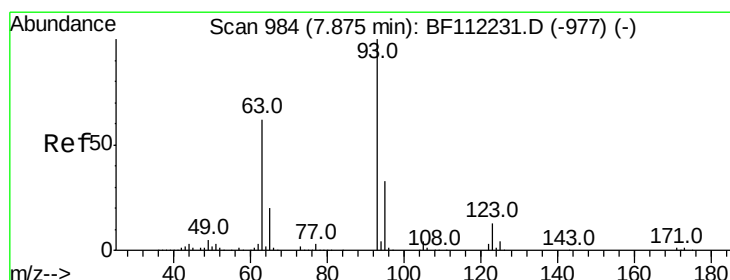
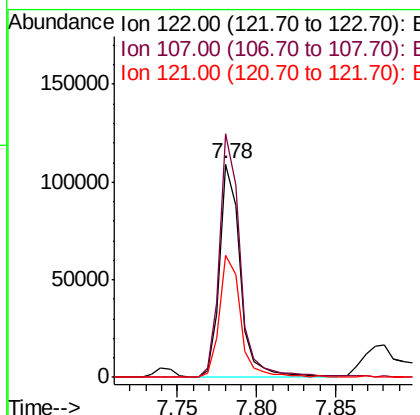
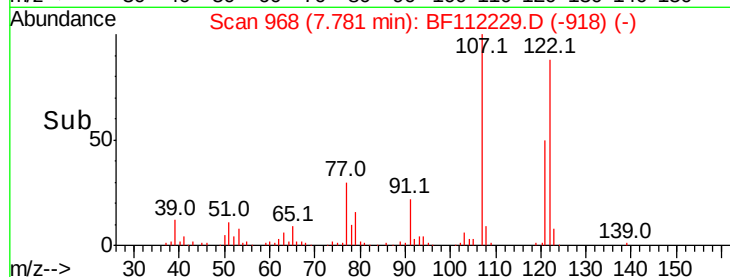
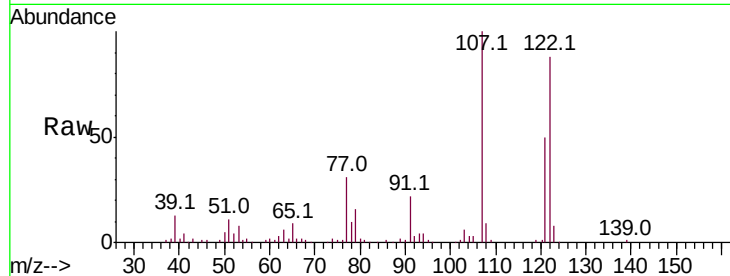
#27  
2,4-Dimethylphenol  
Concen: 10.132 ng  
RT: 7.78 min Scan# 968  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.3 | 85.4  | 128.0 |
| 121     | 57.4  | 47.0  | 70.4  |

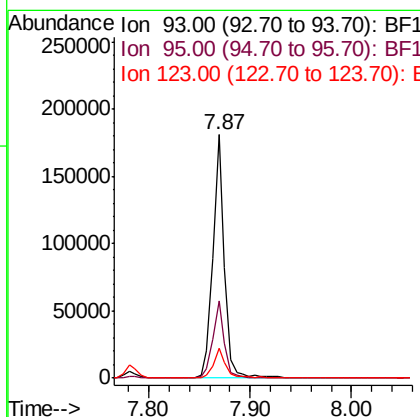
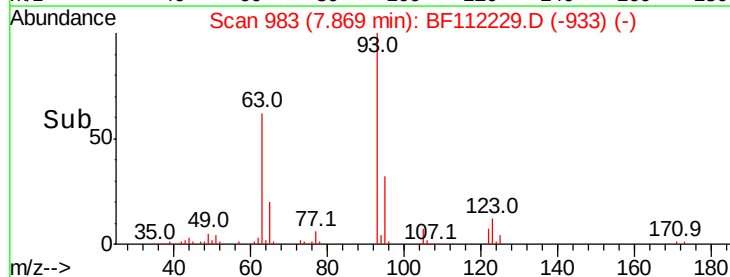
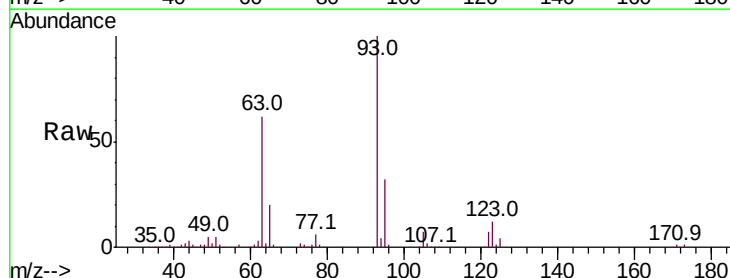
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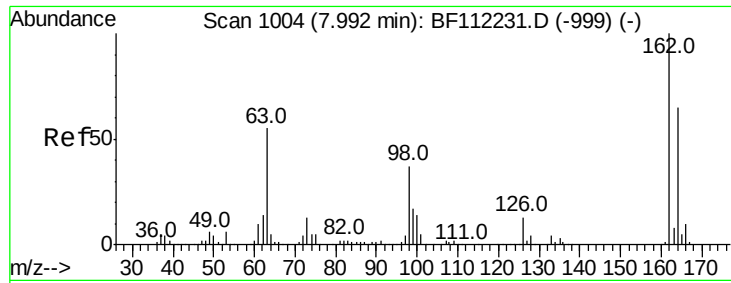
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#28  
bis(2-Chloroethoxy)methane  
Concen: 10.071 ng  
RT: 7.87 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.5  | 26.8  | 40.2  |
| 123     | 12.2  | 10.2  | 15.2  |





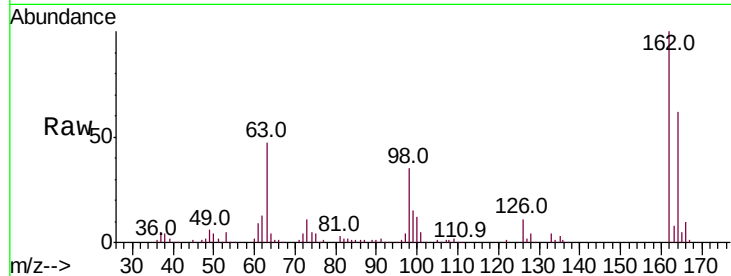
#29  
2,4-Dichlorophenol  
Concen: 10.469 ng  
RT: 7.99 min Scan# 1004  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

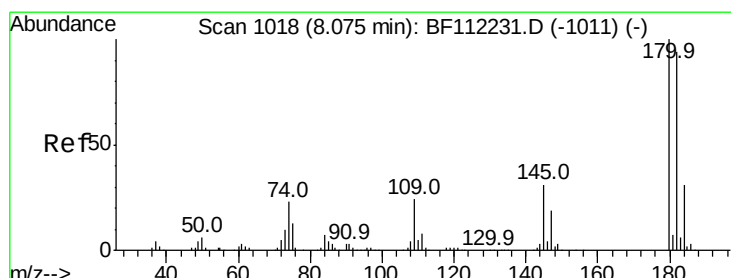
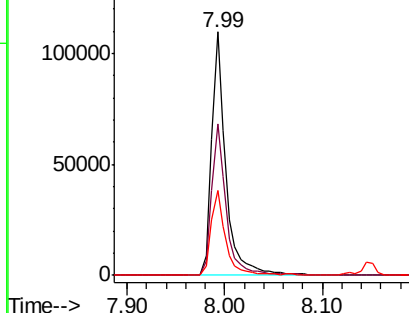
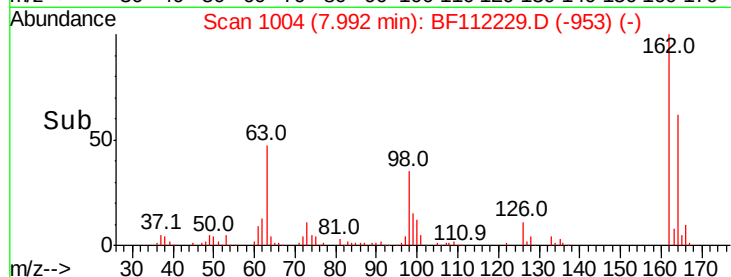
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 110995 |       |       |
| 164     | 62.4  |        | 44.6  | 84.6  |
| 98      | 34.7  |        | 14.6  | 54.6  |

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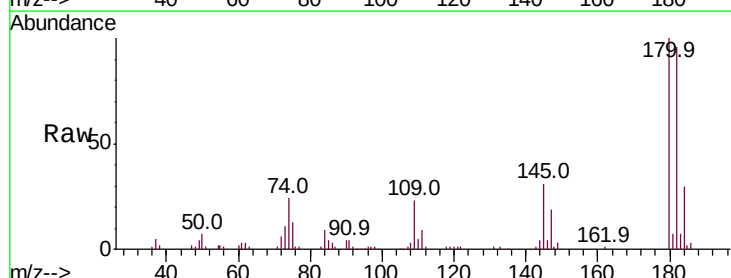


Abundance Ion 162.00 (161.70 to 162.70): E  
150000  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

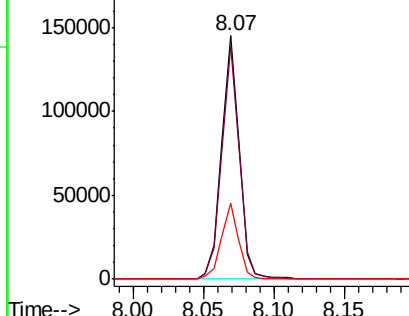
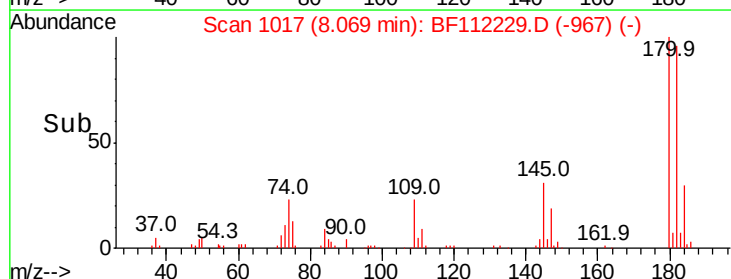


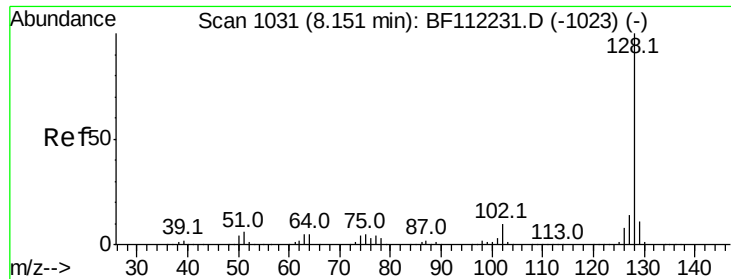
#30  
1,2,4-Trichlorobenzene  
Concen: 10.313 ng  
RT: 8.07 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 126899 |       |       |
| 182     | 95.6  |        | 76.4  | 114.6 |
| 145     | 31.2  |        | 25.0  | 37.4  |



Abundance Ion 180.00 (179.70 to 180.70): E  
200000  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





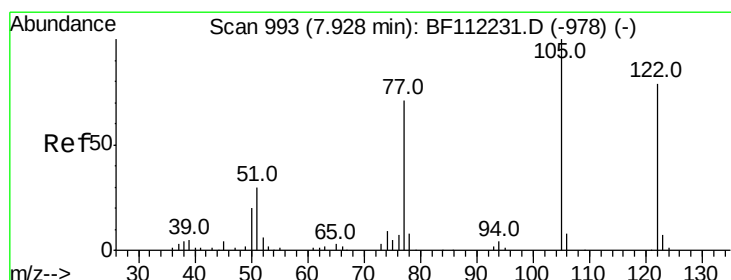
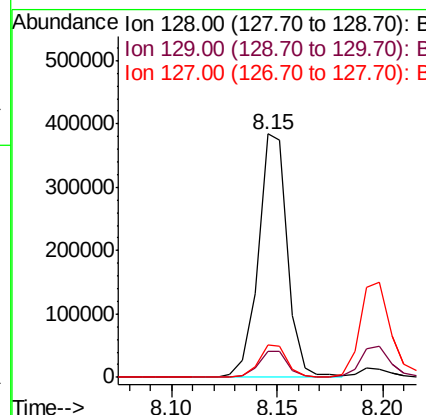
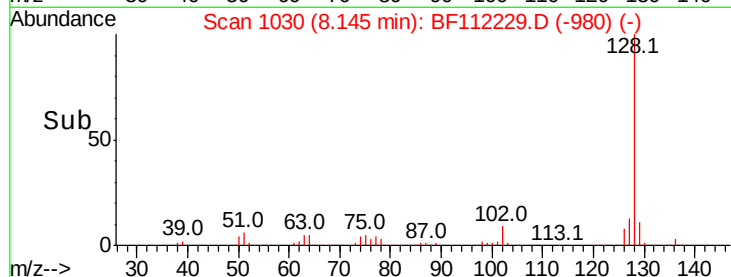
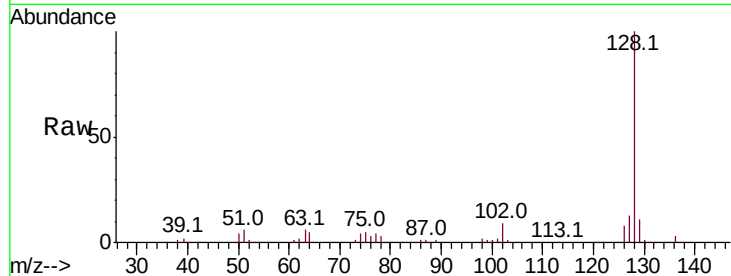
#31  
Naphthalene  
Concen: 10.854 ng  
RT: 8.15 min Scan# 1030  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 9.6   | 14.4  |
| 127     | 13.1  | 11.1  | 16.7  |

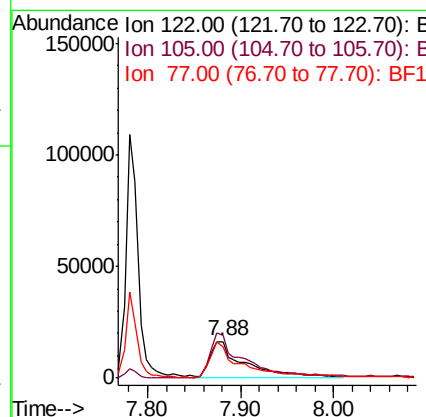
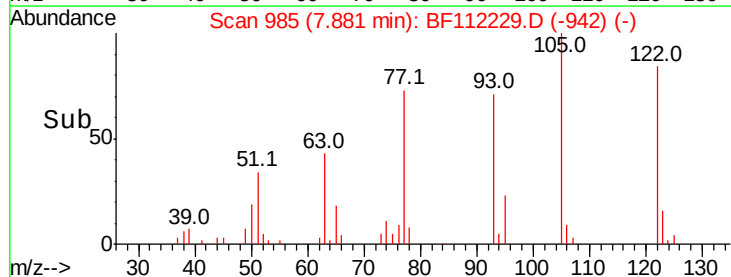
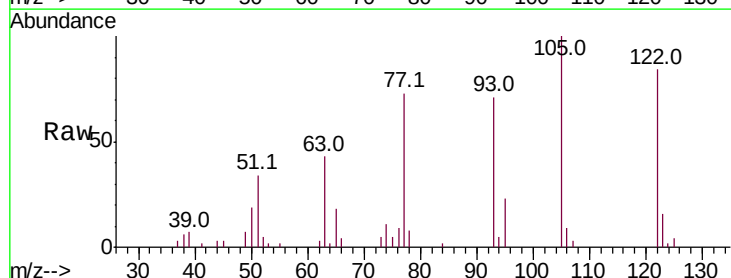
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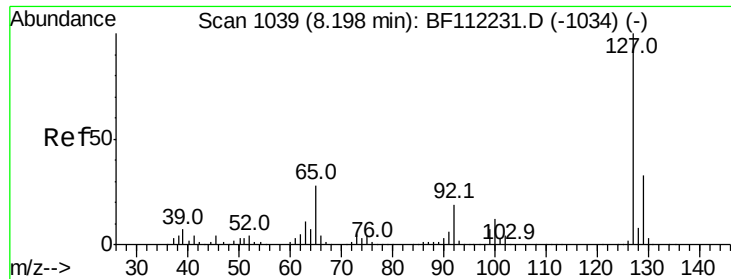
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#32  
Benzoic acid  
Concen: 10.052 ng m  
RT: 7.88 min Scan# 985  
Delta R.T. -0.05 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 118.7 | 101.2 | 141.2 |
| 77      | 86.3  | 70.4  | 110.4 |





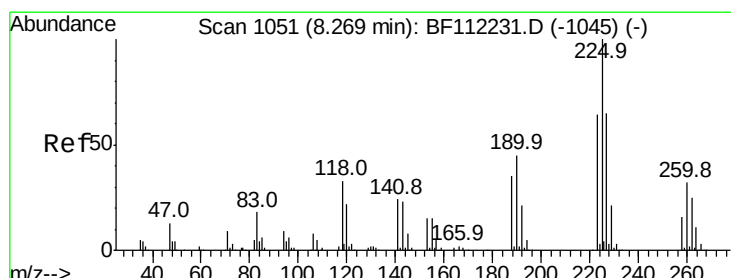
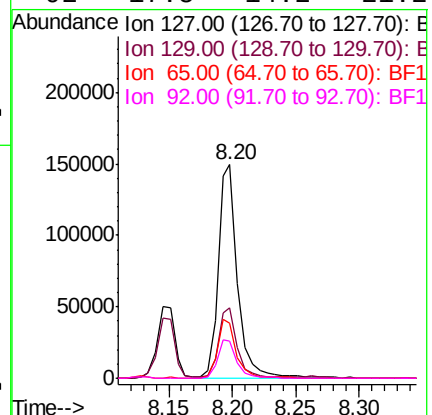
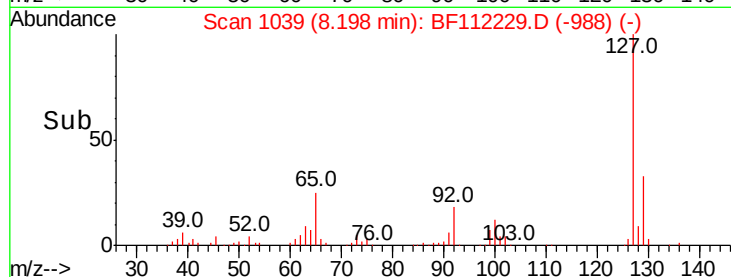
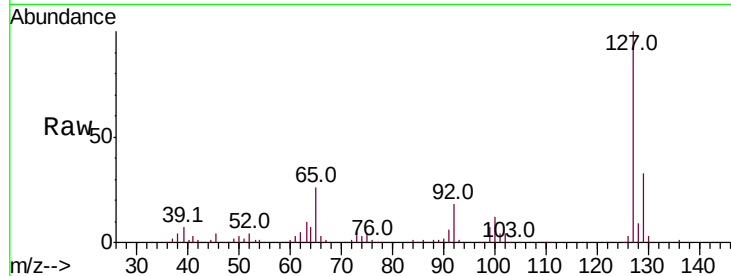
#33  
4-Chloroaniline  
Concen: 10.548 ng  
RT: 8.20 min Scan# 1039  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.8  | 26.6  | 39.8  |
| 65      | 25.8  | 21.4  | 32.2  |
| 92      | 17.5  | 14.2  | 21.2  |

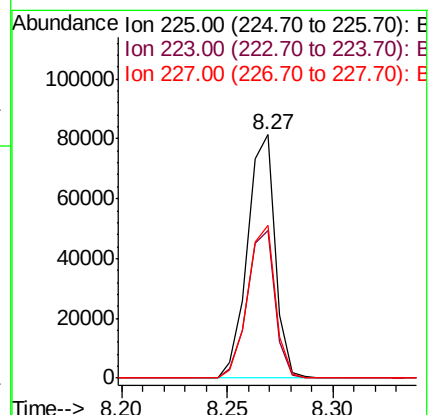
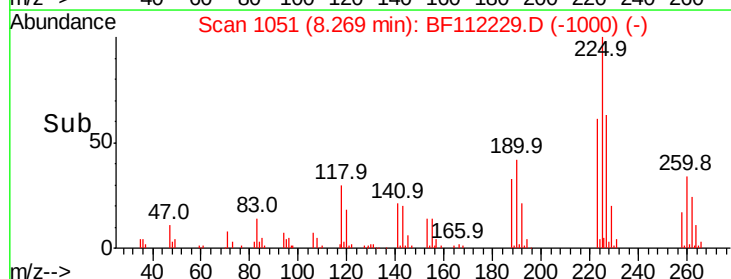
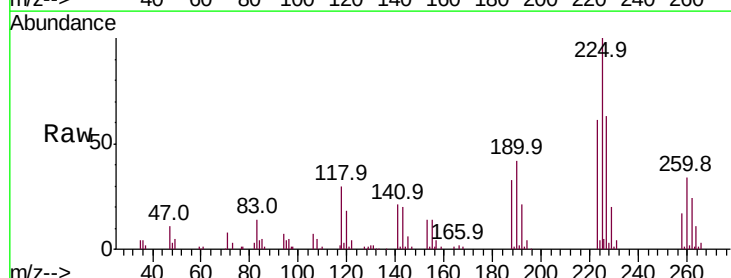
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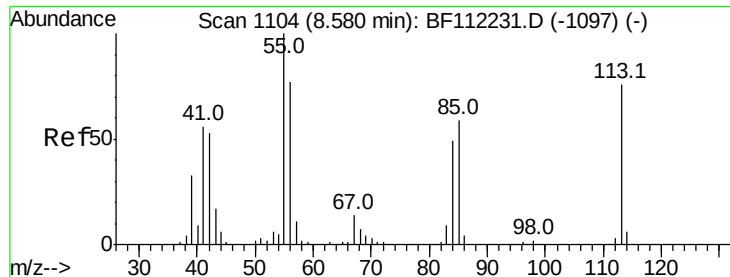
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#34  
Hexachlorobutadiene  
Concen: 10.817 ng  
RT: 8.27 min Scan# 1051  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.5  | 50.3  | 75.5  |
| 227     | 62.5  | 51.8  | 77.8  |





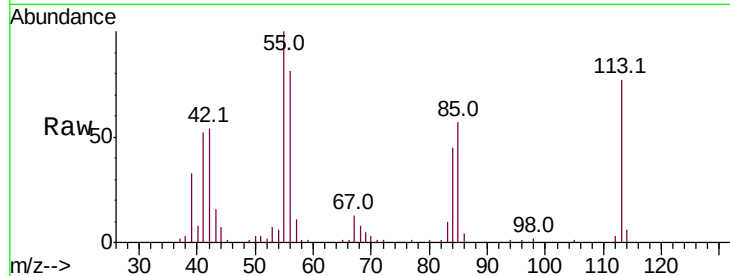
#35  
 Caprolactam  
 Concen: 10.543 ng  
 RT: 8.54 min Scan# 1097  
 Delta R.T. -0.04 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDICC010

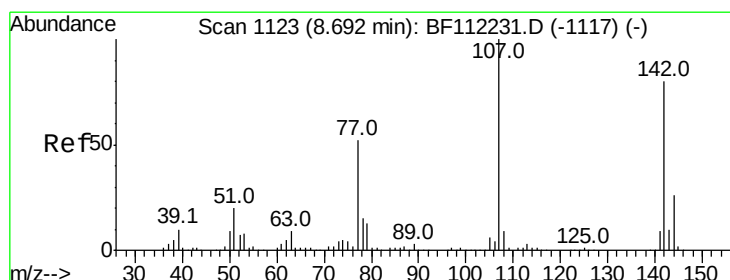
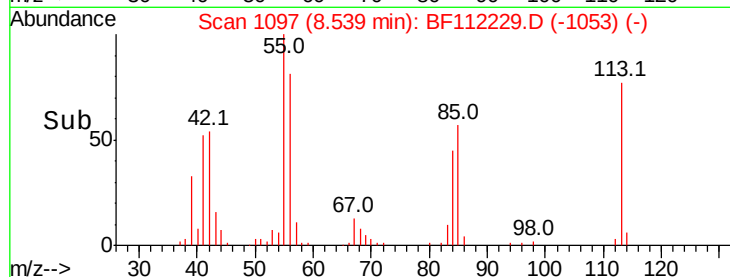
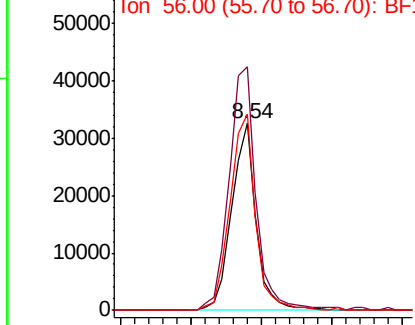
| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 113     | 100   |       | 39125 |       |       |
| 55      | 130.4 | 121.6 | 161.6 |       |       |
| 56      | 105.1 | 86.7  | 126.7 |       |       |

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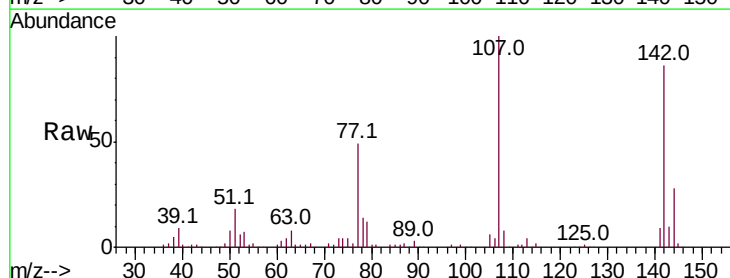


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

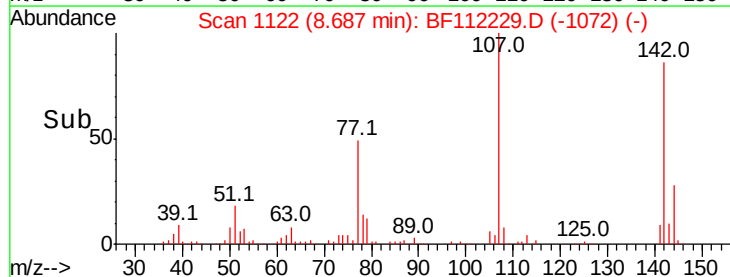
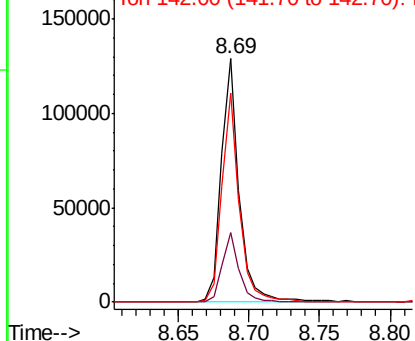


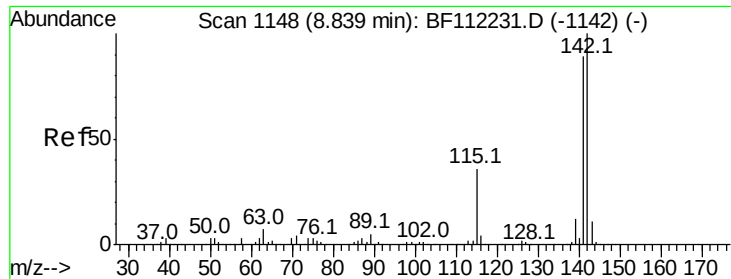
#36  
 4-Chloro-3-methylphenol  
 Concen: 11.008 ng  
 RT: 8.69 min Scan# 1122  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 113992 |       |       |
| 144     | 28.4 | 22.2  | 33.2   |       |       |
| 142     | 86.1 | 67.7  | 101.5  |       |       |



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





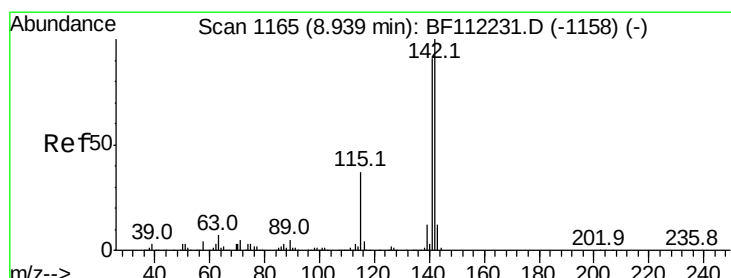
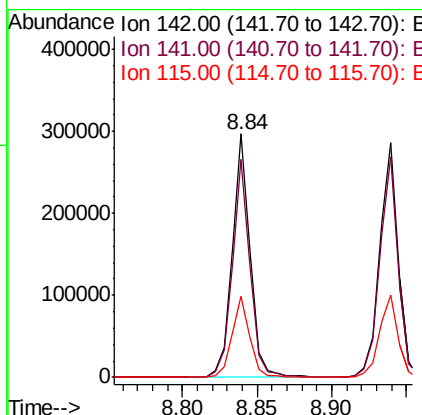
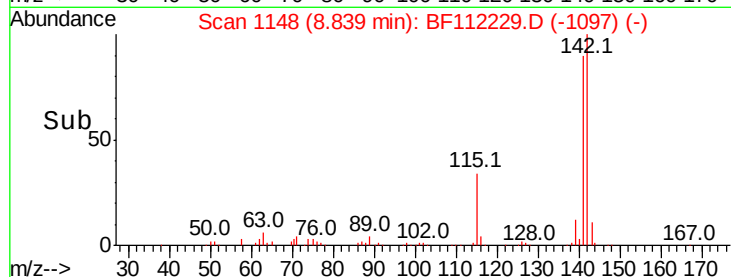
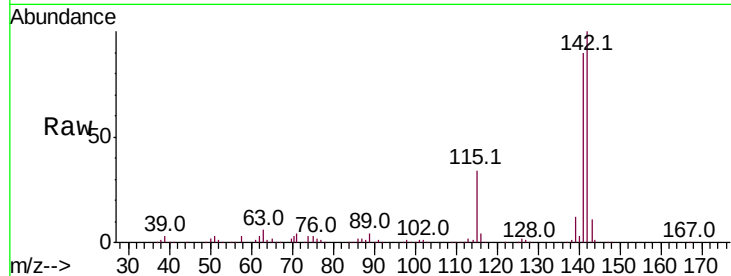
#37  
2-Methylnaphthalene  
Concen: 10.967 ng  
RT: 8.84 min Scan# 1148  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 253330 |       |       |
| 141     | 89.6  |        | 70.9  | 106.3 |
| 115     | 33.5  |        | 24.9  | 37.3  |

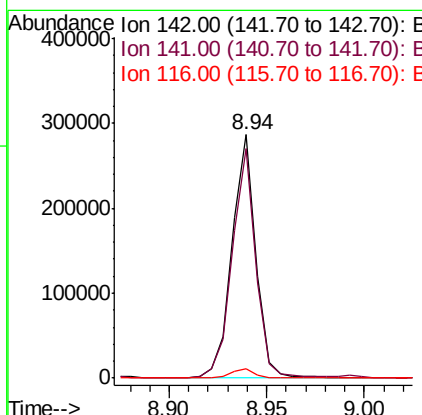
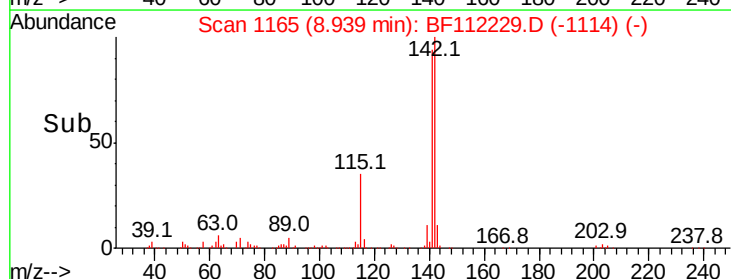
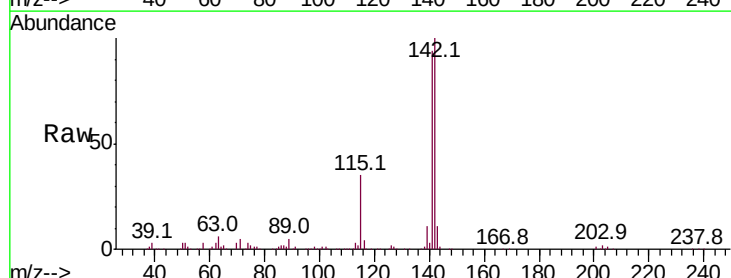
Manual Integrations  
APPROVED

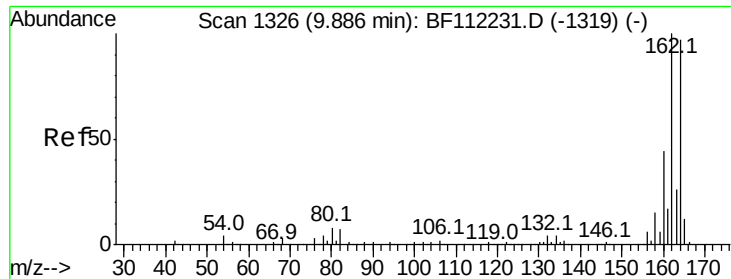
mohammad  
1/29/2019 12:31:06 AM



#38  
1-Methylnaphthalene  
Concen: 10.826 ng  
RT: 8.94 min Scan# 1165  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 240331 |       |       |
| 141     | 94.0  |        | 72.6  | 108.8 |
| 116     | 3.8   |        | 2.8   | 4.2   |





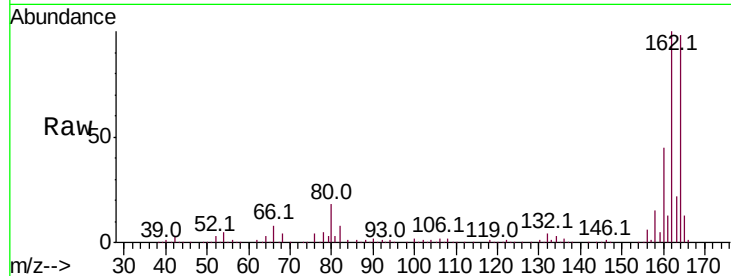
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 102.4 | 82.2 | 123.4 |       |
| 160     | 46.2  | 36.2 | 54.4  |       |

Manual Integrations  
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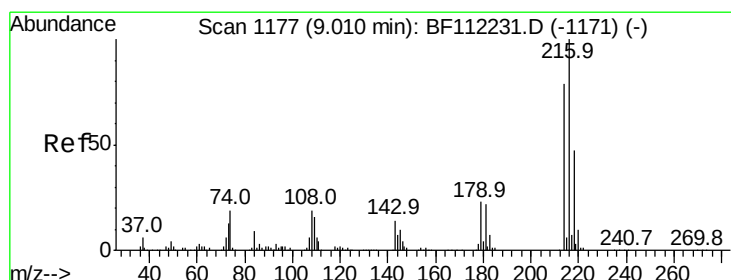
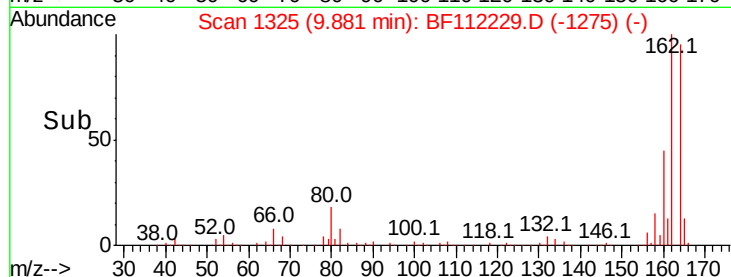
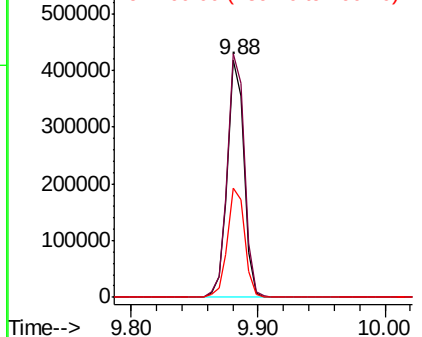


Abundance

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: 10.492 ng  
RT: 9.01 min Scan# 1177  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 79.4  | 63.8 | 95.6  |       |
| 179     | 22.2  | 16.9 | 25.3  |       |
| 108     | 17.1  | 14.2 | 21.4  |       |

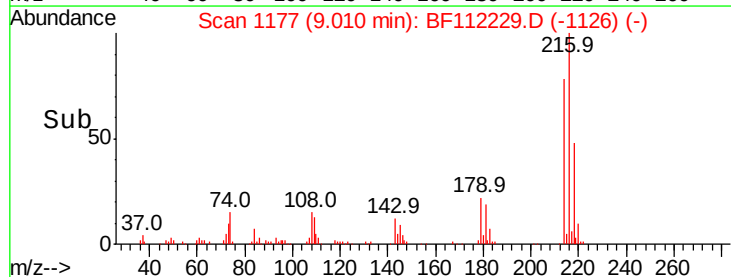
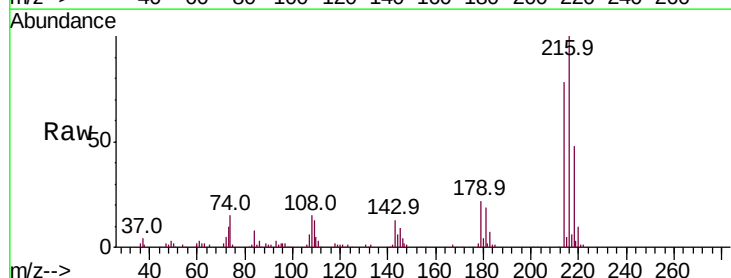
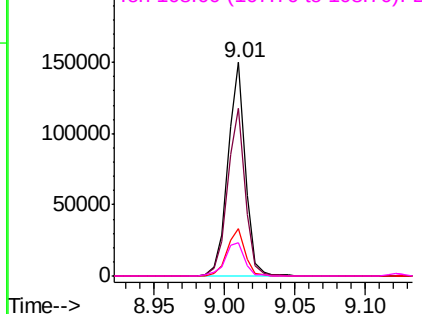
Abundance

Ion 216.00 (215.70 to 216.70): E

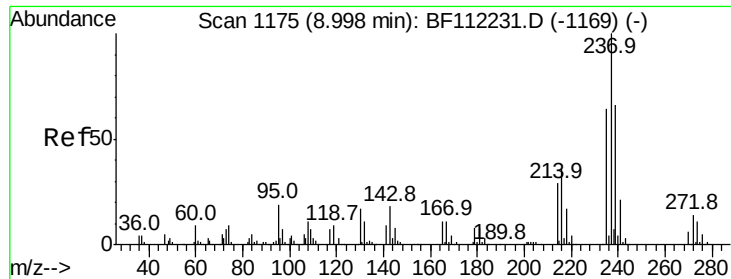
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







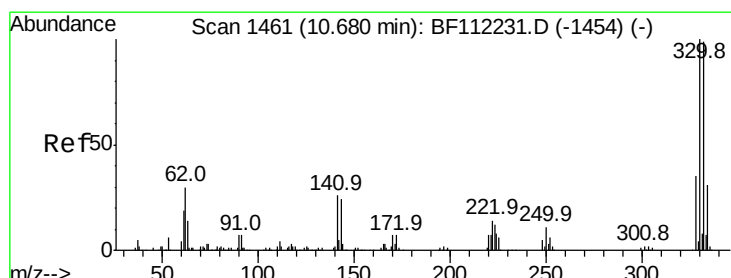
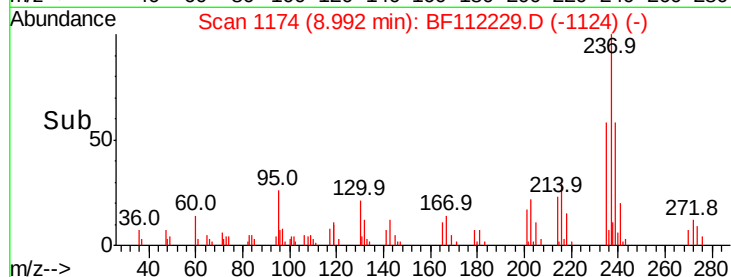
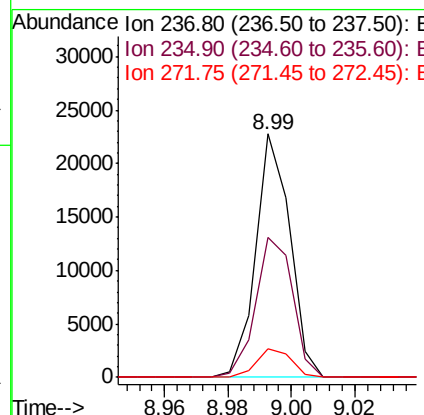
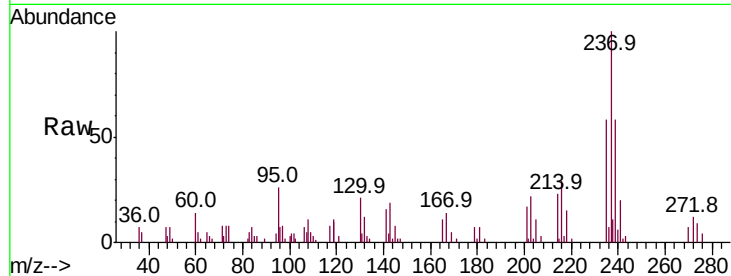
#41  
Hexachlorocyclopentadiene  
Concen: 4.246 ng  
RT: 8.99 min Scan# 1174  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 17027 |       |       |
| 235     | 57.6  |       | 44.0  | 84.0  |
| 272     | 11.6  |       | 0.0   | 33.3  |

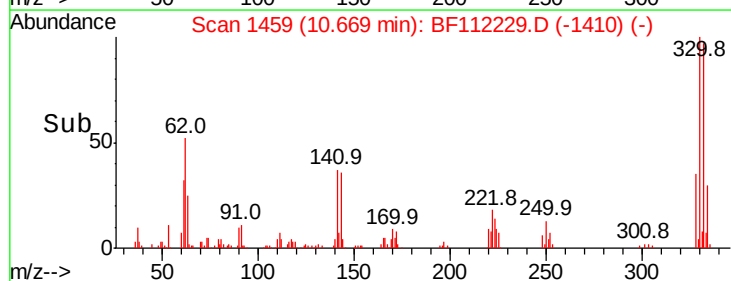
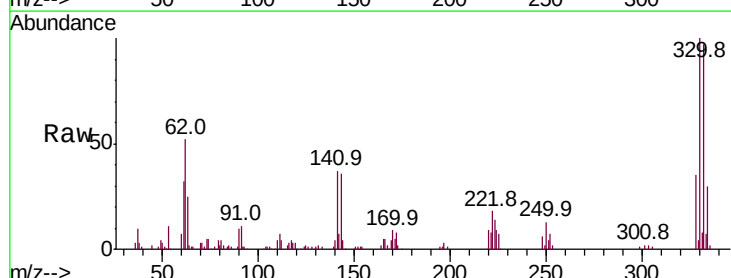
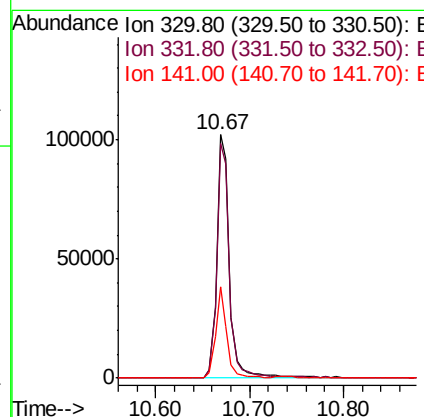
Manual Integrations  
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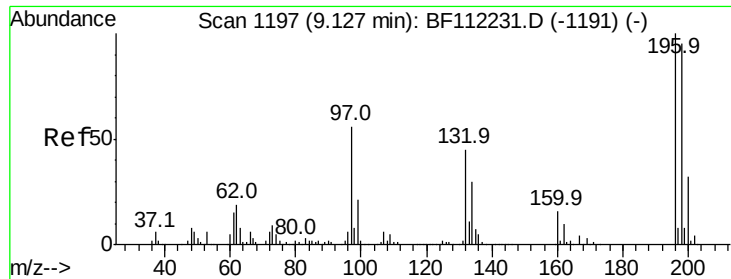
mohammad  
1/29/2019 12:31:06 AM



#42  
2,4,6-Tribromophenol  
Concen: 24.064 ng  
RT: 10.67 min Scan# 1459  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 98929 |       |       |
| 332     | 95.1  |       | 76.6  | 114.8 |
| 141     | 32.2  |       | 24.3  | 36.5  |





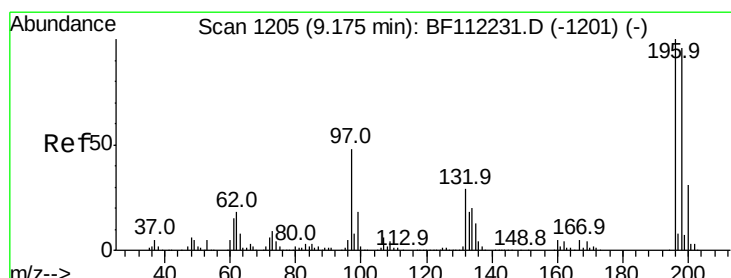
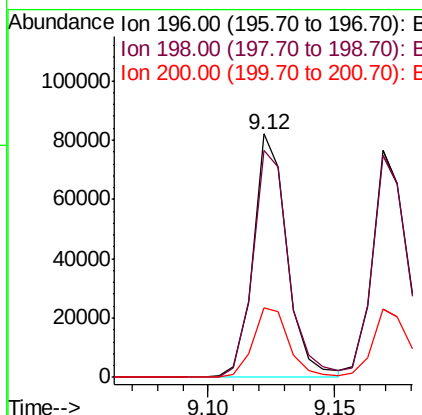
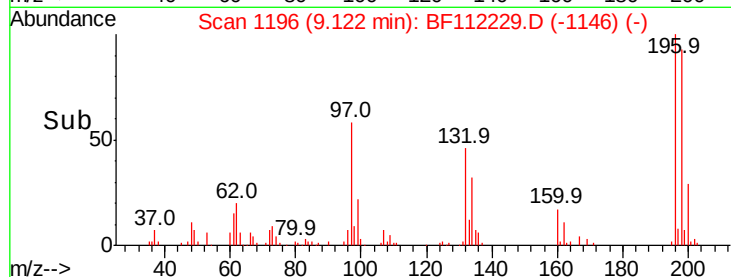
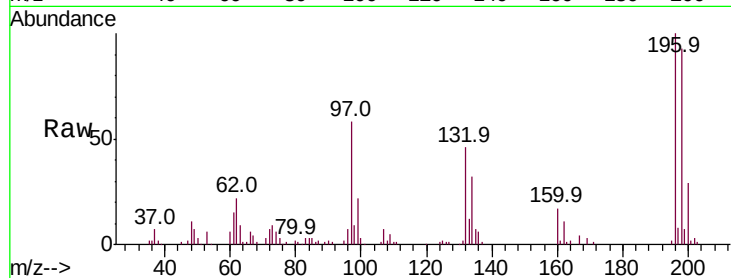
#43  
 2,4,6-Trichlorophenol  
 Concen: 10.447 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.1  | 76.2  | 114.4 |
| 200     | 28.5  | 24.3  | 36.5  |

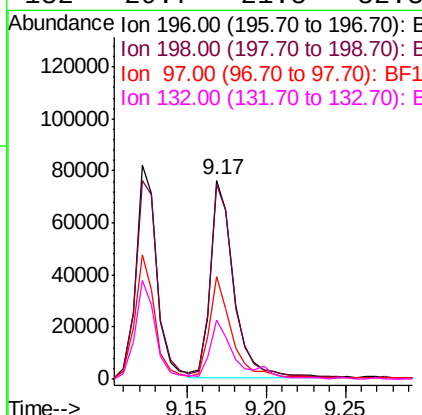
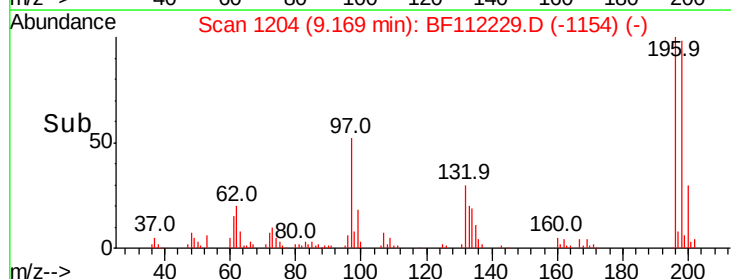
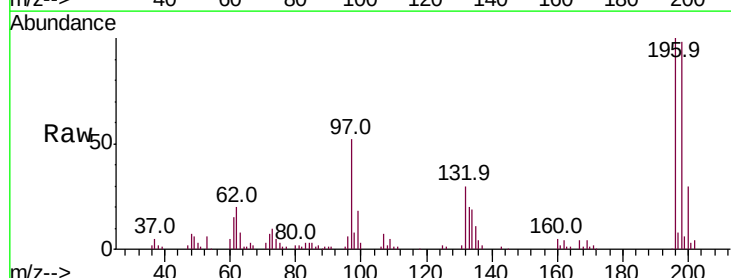
Manual Integrations  
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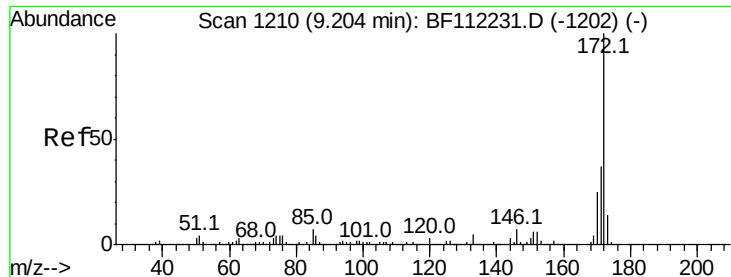
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 10.119 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.8  | 76.0  | 114.0 |
| 97      | 51.6  | 36.4  | 54.6  |
| 132     | 29.7  | 21.5  | 32.3  |





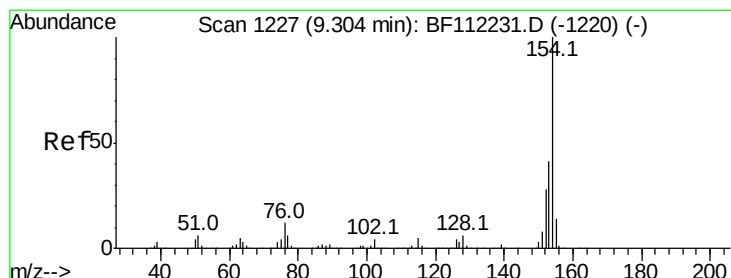
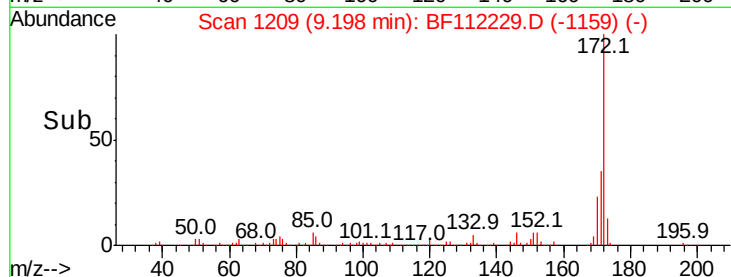
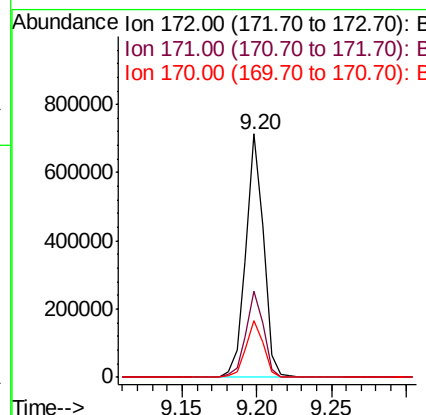
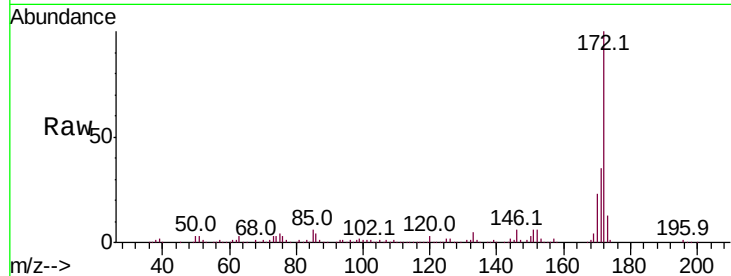
#45  
2-Fluorobiphenyl  
Concen: 22.871 ng  
RT: 9.20 min Scan# 1209  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.3  | 30.5  | 45.7  |
| 170     | 23.3  | 20.2  | 30.4  |

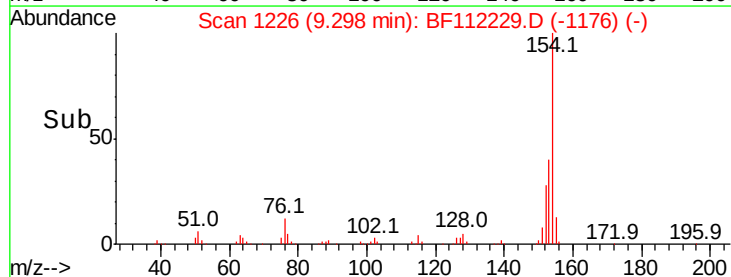
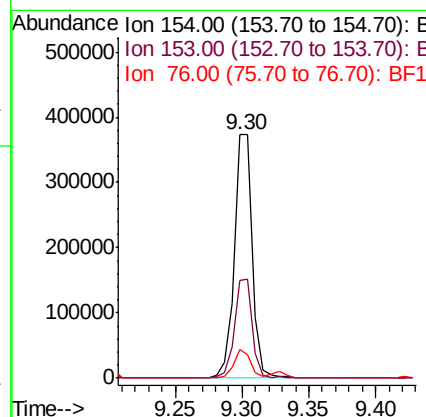
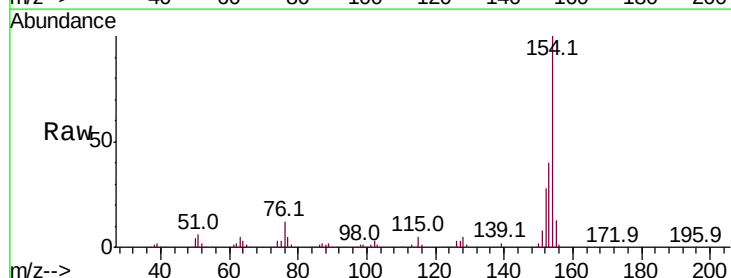
Manual Integrations  
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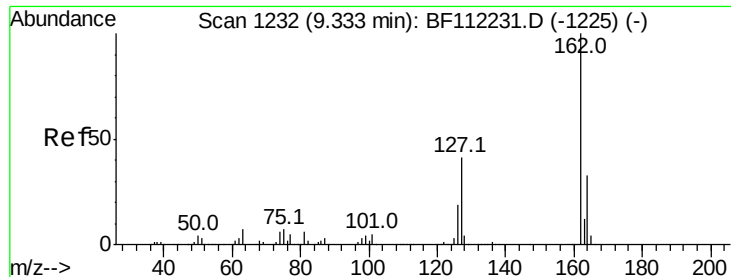
mohammad  
1/29/2019 12:31:06 AM



#46  
1,1'-Biphenyl  
Concen: 11.139 ng  
RT: 9.30 min Scan# 1226  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.1  | 21.5  | 61.5  |
| 76      | 11.6  | 0.0   | 33.1  |





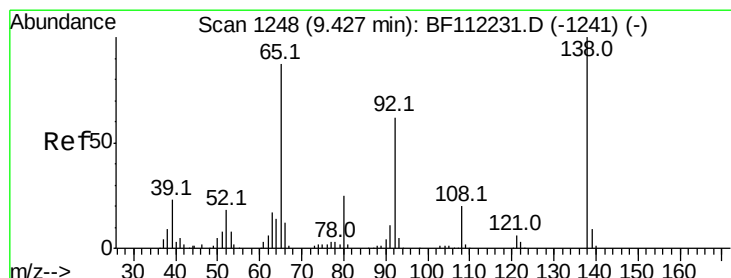
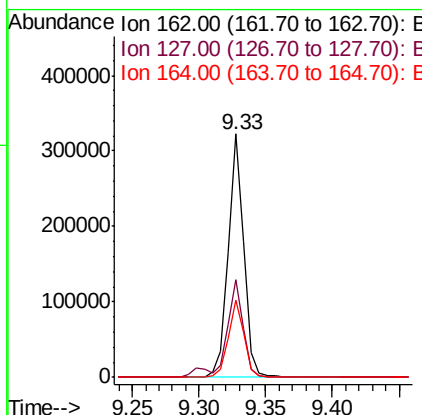
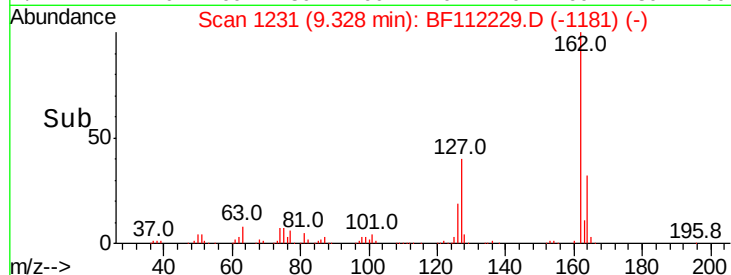
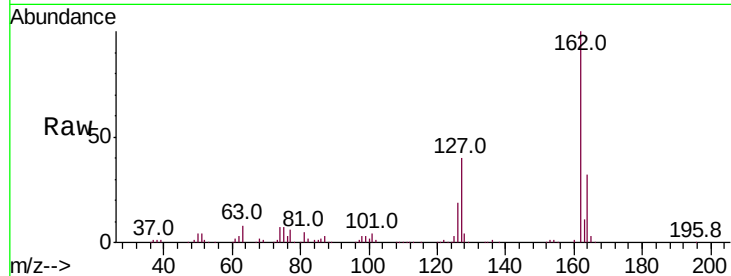
#47  
 2-Chloronaphthalene  
 Concen: 10.738 ng  
 RT: 9.33 min Scan# 1231  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 267845 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.9  | 30.4  | 45.6   |
| 164       | 31.8  | 27.4  | 41.2   |

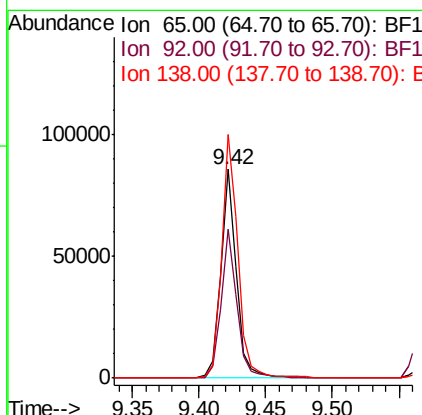
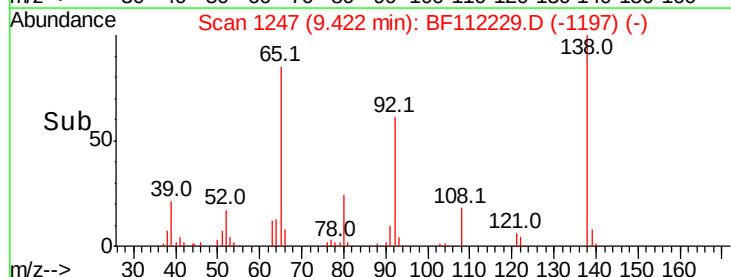
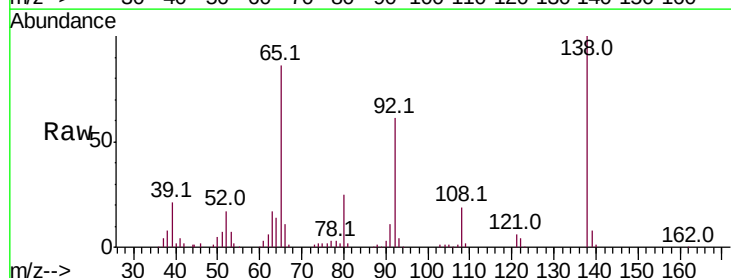
Manual Integrations  
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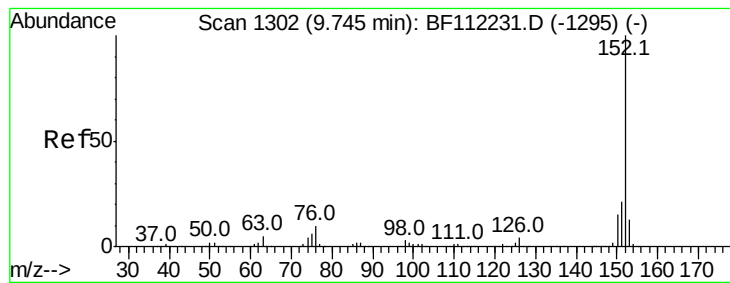
mohammad  
 1/29/2019 12:31:06 AM



#48  
 2-Nitroaniline  
 Concen: 12.718 ng  
 RT: 9.42 min Scan# 1247  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 71452 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 71.1  | 60.4  | 90.6  |
| 138       | 116.6 | 104.4 | 156.6 |





#49

Acenaphthylene

Concen: 11.062 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

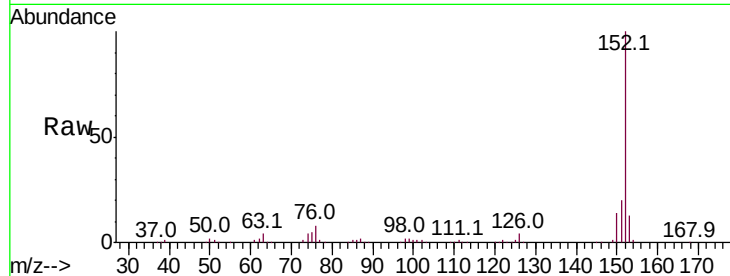
ClientSampleId :

SSTDICC010

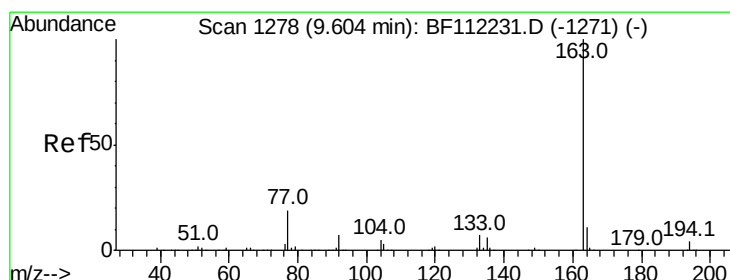
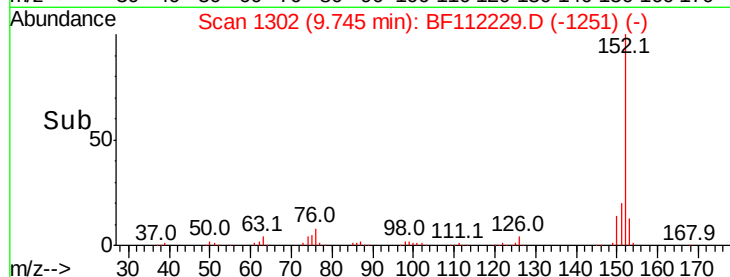
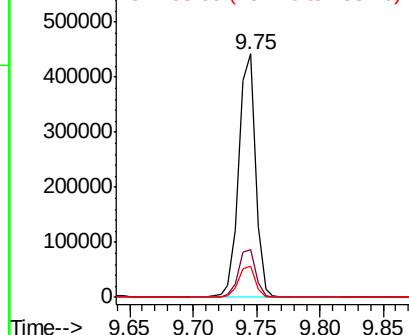
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 402659 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.7  | 17.0  | 25.6   |
| 153       | 12.5  | 11.2  | 16.8   |

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



#50

Dimethylphthalate

Concen: 11.097 ng

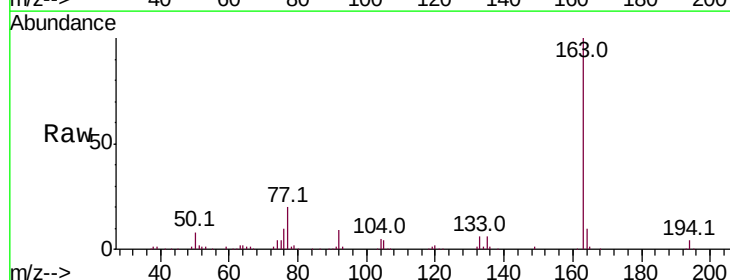
RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

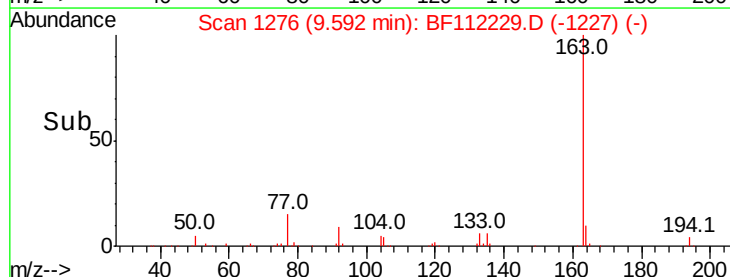
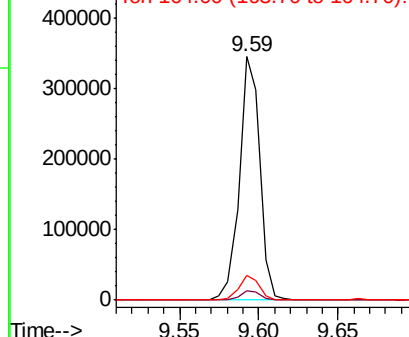
Lab File: BF112229.D

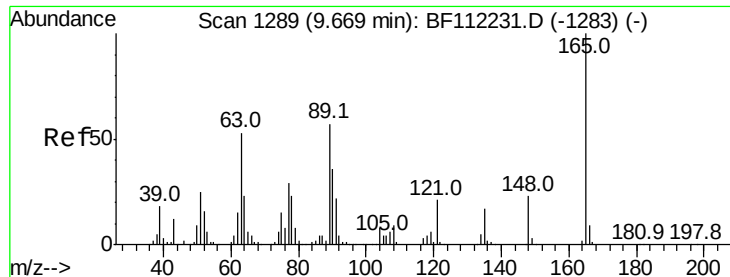
Acq: 25 Jan 2019 13:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 308408 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.9   | 3.3   | 4.9    |
| 164       | 10.2  | 8.5   | 12.7   |



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





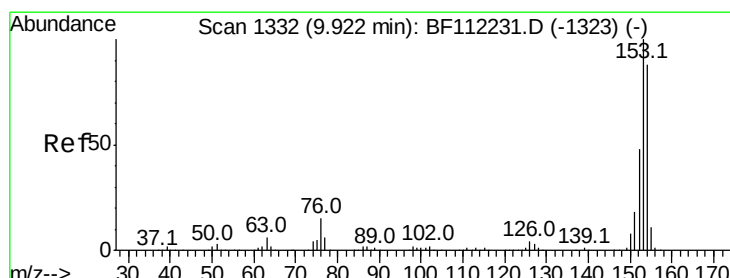
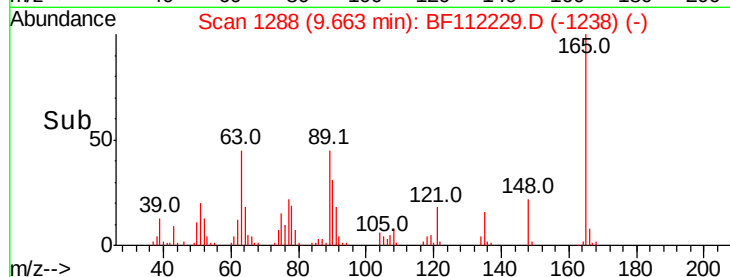
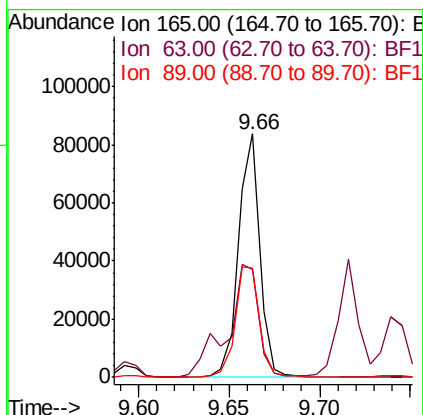
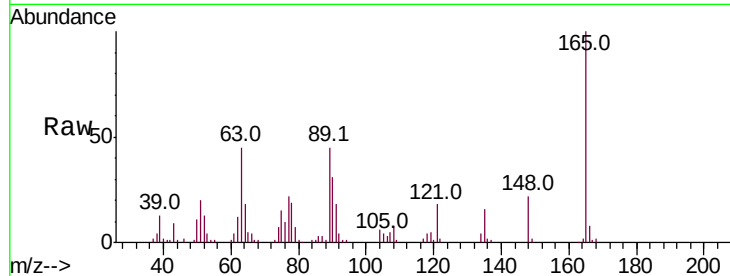
#51  
2,6-Dinitrotoluene  
Concen: 12.360 ng  
RT: 9.66 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 44.6  | 33.8       | 50.8  |
| 89      | 45.1  | 36.9       | 55.3  |

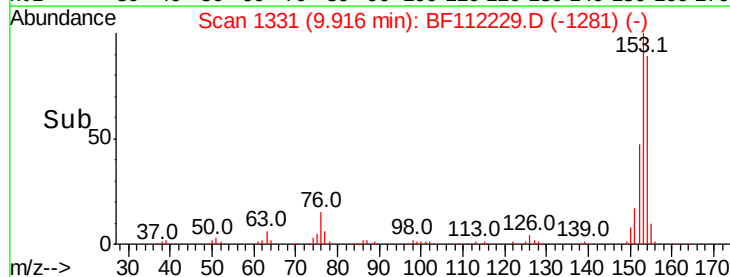
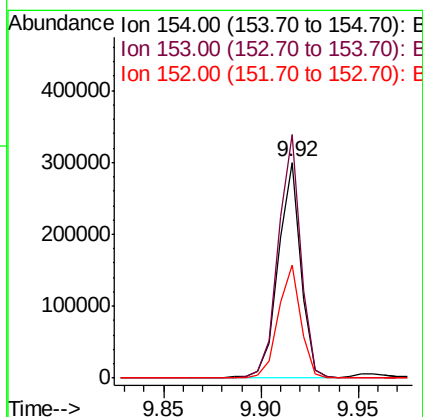
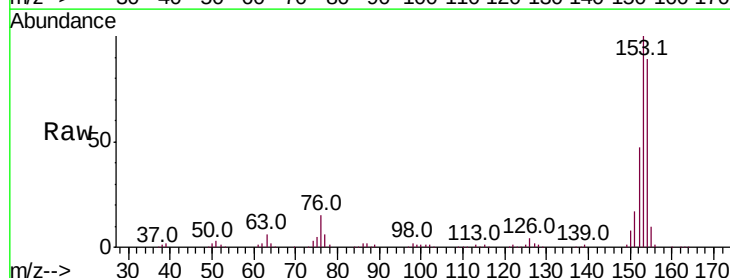
Manual Integrations  
APPROVED

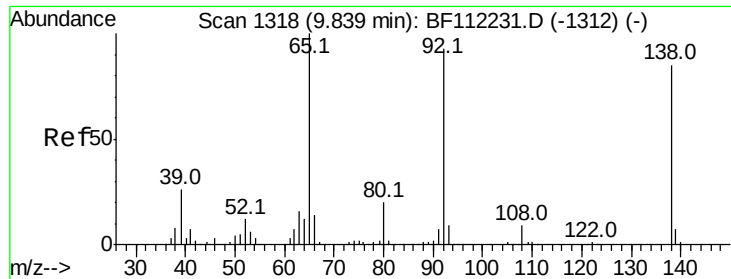
mohammad  
1/29/2019 12:31:06 AM



#52  
Acenaphthene  
Concen: 10.837 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 112.7 | 89.8       | 134.6 |
| 152     | 52.5  | 43.5       | 65.3  |





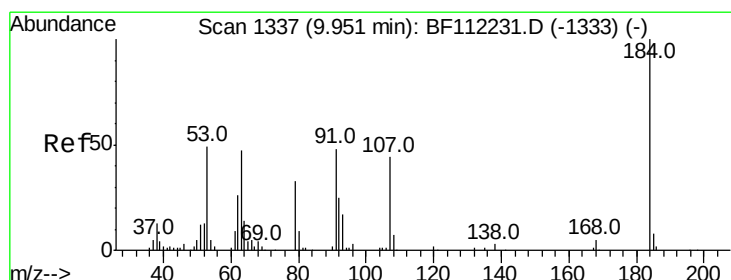
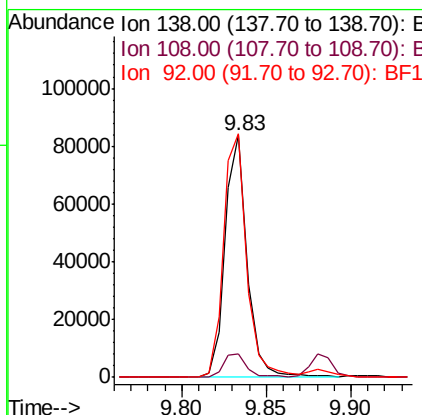
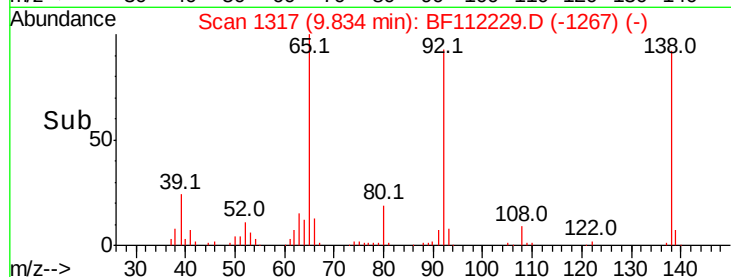
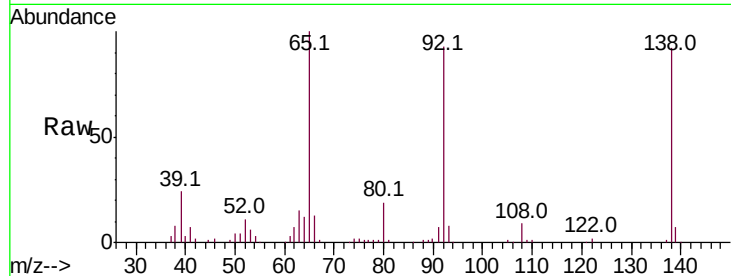
#53  
 3-Nitroaniline  
 Concen: 12.235 ng  
 RT: 9.83 min Scan# 1317  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.9   | 9.8   | 14.6  |
| 92      | 100.6 | 79.4  | 119.2 |

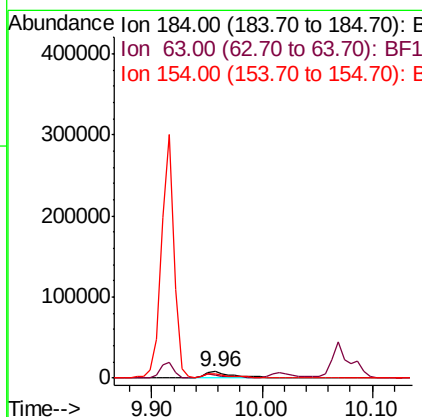
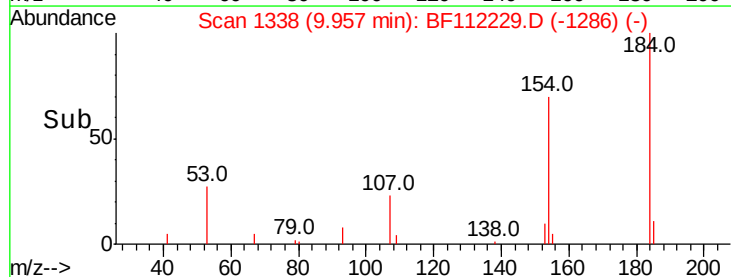
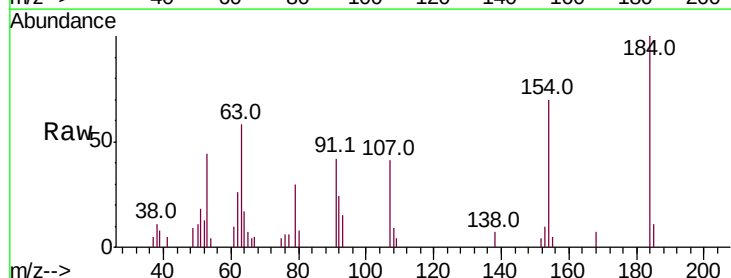
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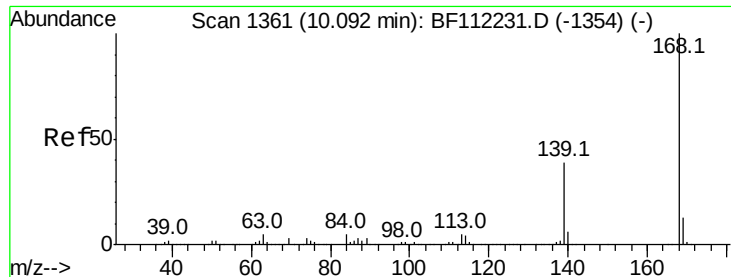
mohammad  
 1/29/2019 12:31:06 AM



#54  
 2,4-Dinitrophenol  
 Concen: 13.051 ng  
 RT: 9.96 min Scan# 1338  
 Delta R.T. 0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 58.3  | 47.1  | 70.7  |
| 154     | 69.8  | 48.9  | 73.3  |





#55

Dibenzofuran

Concen: 11.189 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

Tot Ion:168 Resp: 376832

Ion Ratio Lower Upper

168 100

139 39.3 29.2 43.8

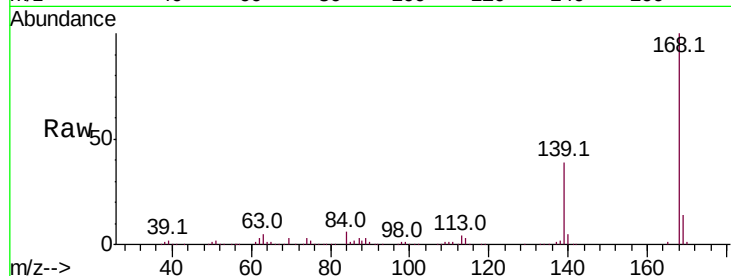
169 13.5 11.4 17.0

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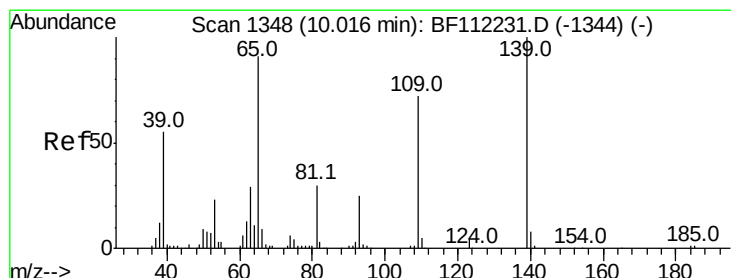
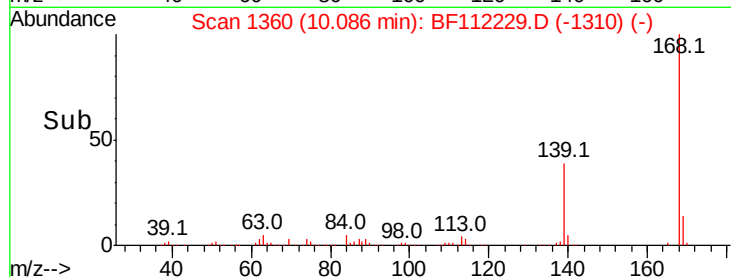
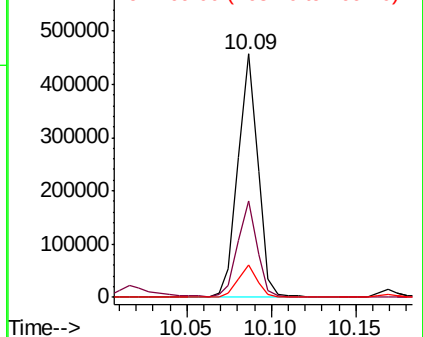


Abundance

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: 8.403 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

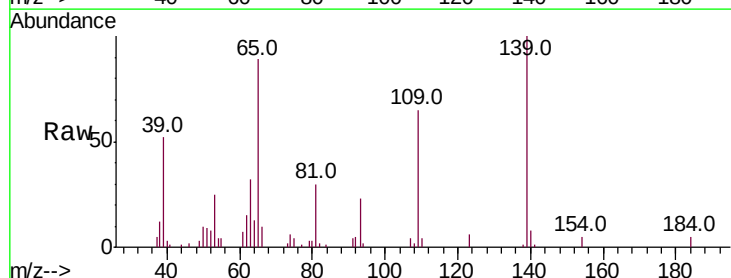
Tgt Ion:139 Resp: 32414

Ion Ratio Lower Upper

139 100

109 65.1 42.8 82.8

65 89.4 66.1 106.1

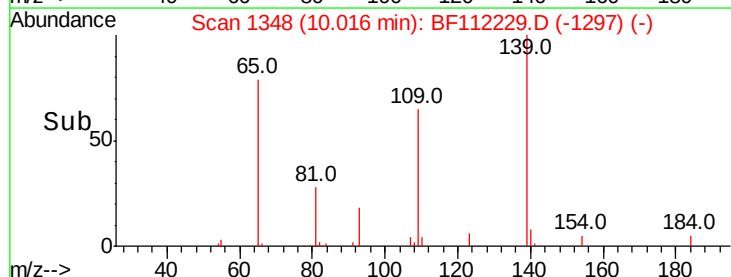
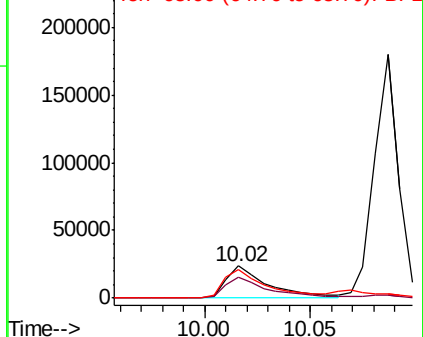


Abundance

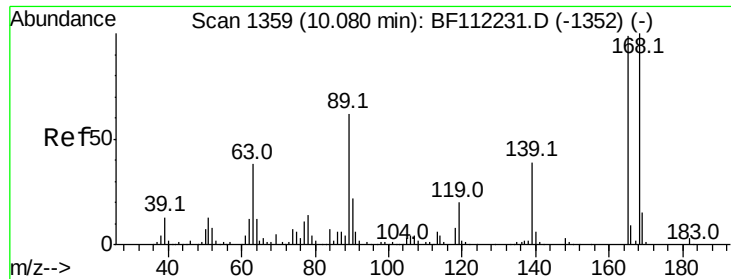
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1







#57

2,4-Dinitrotoluene

Concen: 13.704 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

Tot Ion:165 Resp: 90631

Ion Ratio Lower Upper

165 100

63 40.4 27.9 41.9

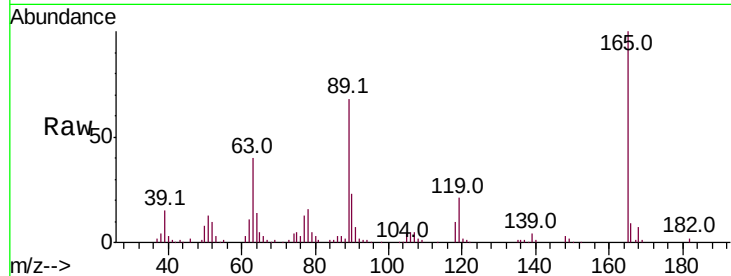
89 68.0 47.9 71.9

182 2.2 2.2 3.4#

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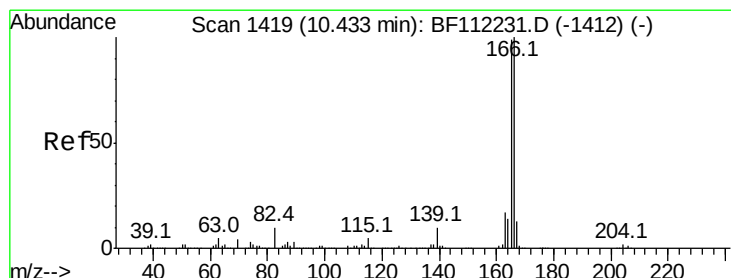
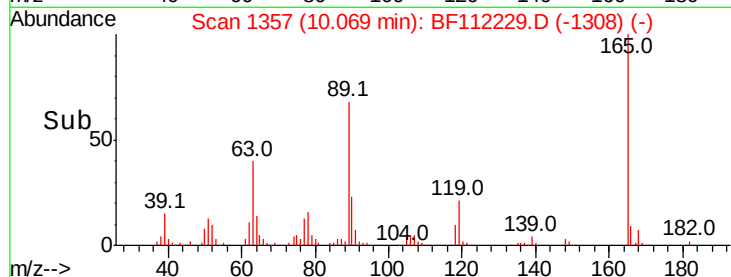
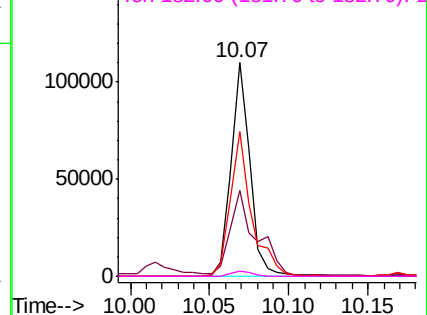


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 11.388 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

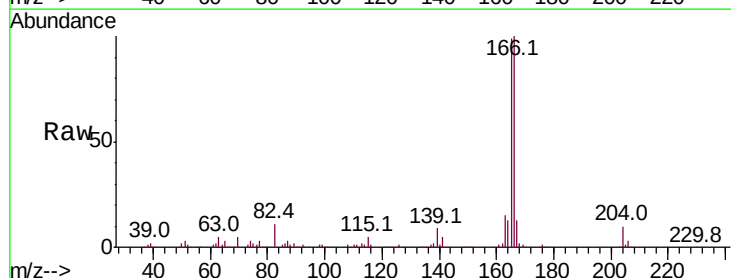
Tgt Ion:166 Resp: 286562

Ion Ratio Lower Upper

166 100

165 99.3 77.1 115.7

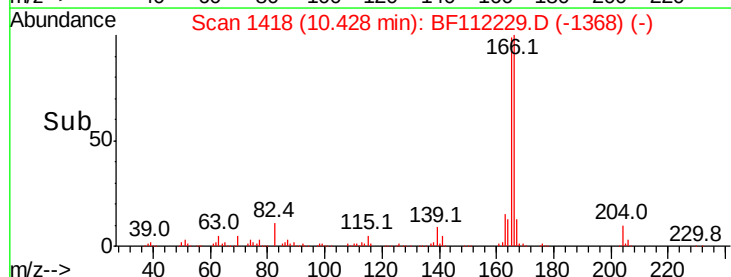
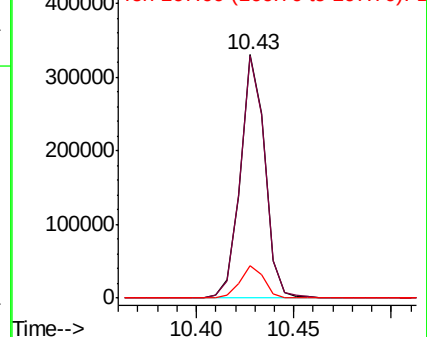
167 13.4 11.3 16.9

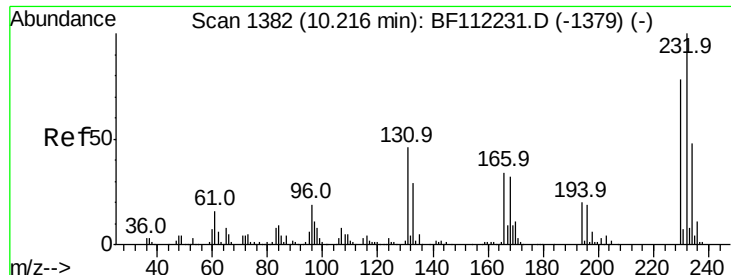


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





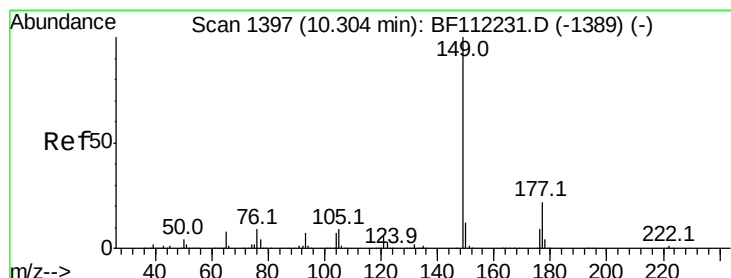
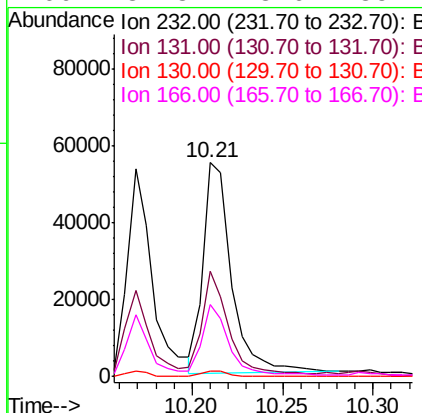
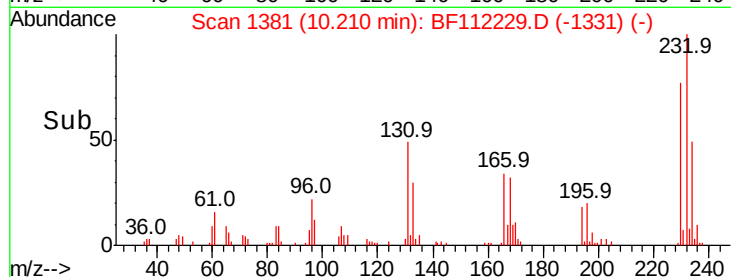
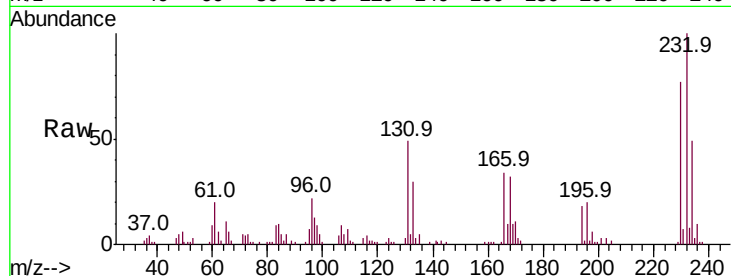
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 10.232 ng  
 RT: 10.21 min Scan# 1381  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 49.3  | 33.9  | 50.9  |
| 130     | 2.3   | 1.8   | 2.6   |
| 166     | 31.8  | 23.6  | 35.4  |

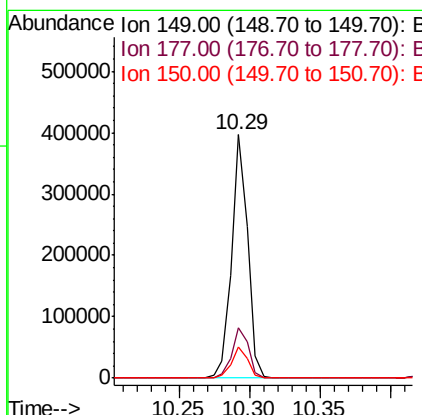
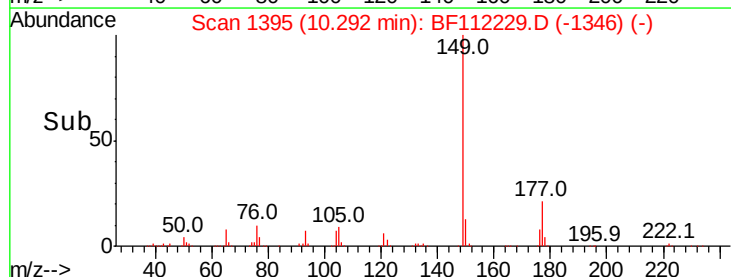
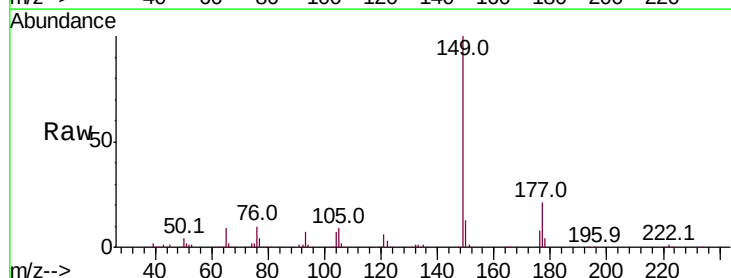
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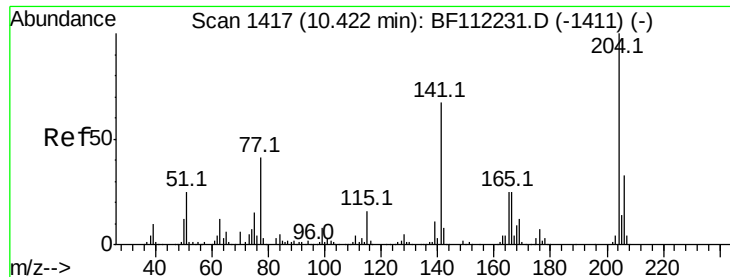
mohammad  
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#60  
 Diethylphthalate  
 Concen: 11.565 ng  
 RT: 10.29 min Scan# 1395  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.7  | 18.2  | 27.2  |
| 150     | 12.6  | 10.4  | 15.6  |





#61

4-Chlorophenyl-phenylether

Concen: 11.293 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

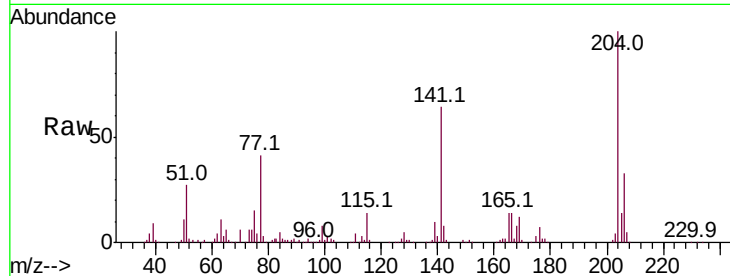
ClientSampleId :

SSTDICC010

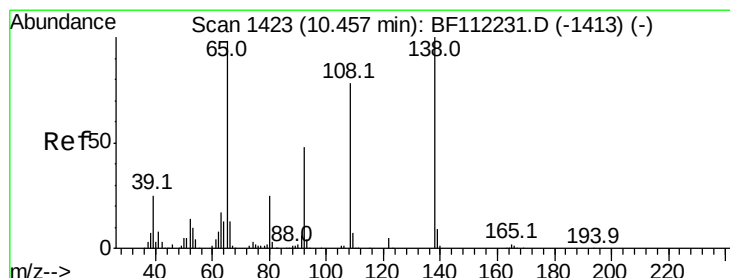
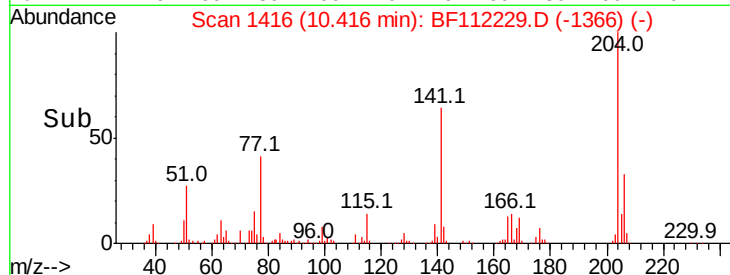
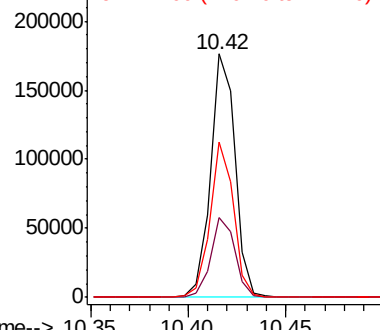
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 153345 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.8  | 26.5  | 39.7   |
| 141       | 63.8  | 45.9  | 68.9   |

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Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 12.325 ng

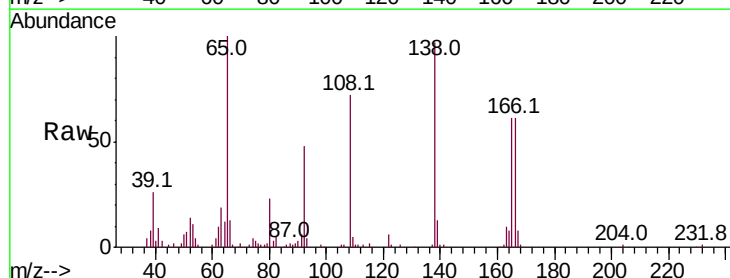
RT: 10.44 min Scan# 1420

Delta R.T. -0.02 min

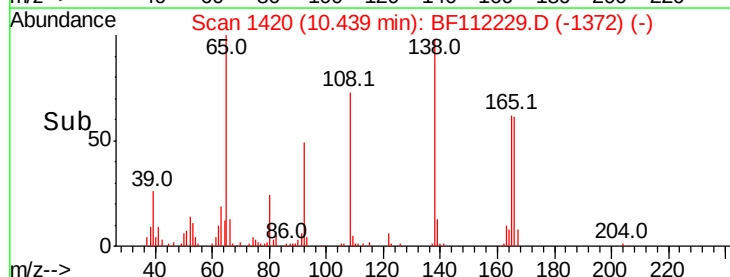
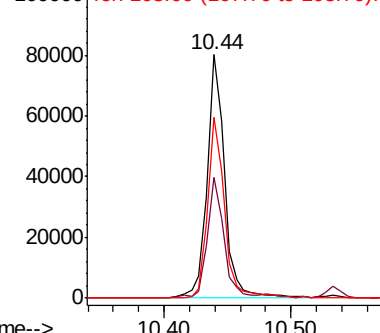
Lab File: BF112229.D

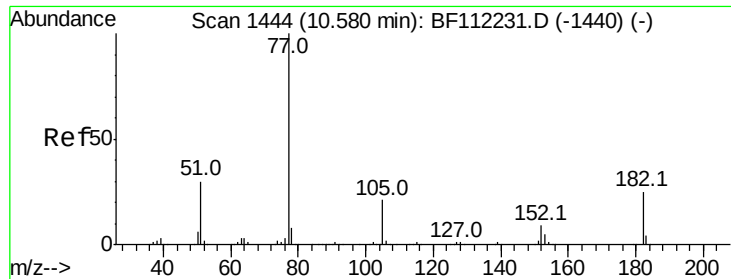
Acq: 25 Jan 2019 13:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 75958 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 49.7  | 30.6  | 70.6  |
| 108       | 74.5  | 50.0  | 90.0  |



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





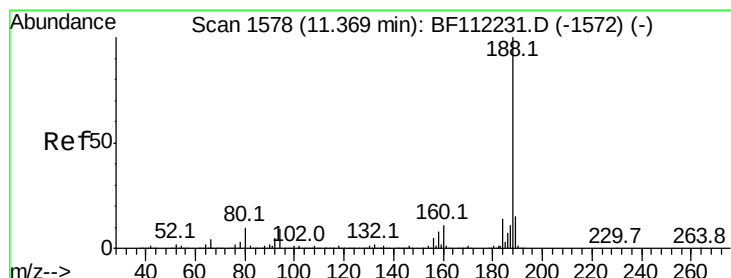
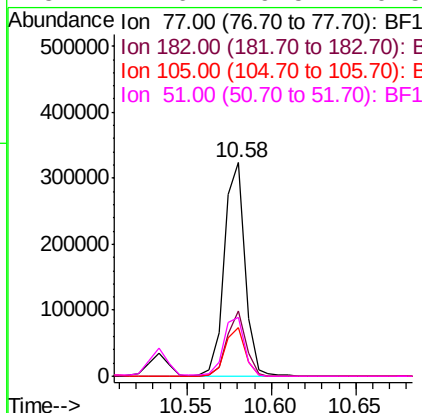
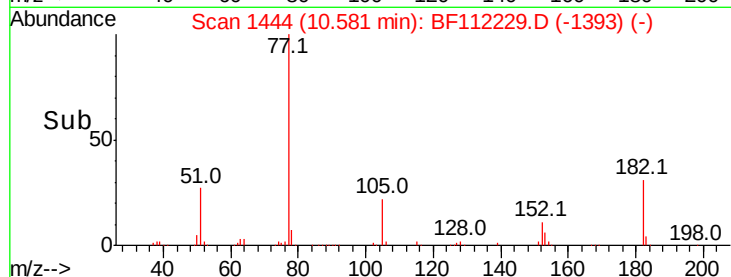
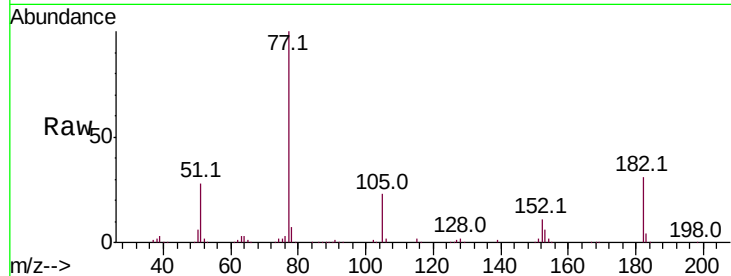
#63  
Azobenzene  
Concen: 10.545 ng  
RT: 10.58 min Scan# 1444  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 273948 |       |       |
| 182     | 30.7 | 5.7   | 45.7   |       |       |
| 105     | 22.8 | 1.4   | 41.4   |       |       |
| 51      | 27.6 | 9.5   | 49.5   |       |       |

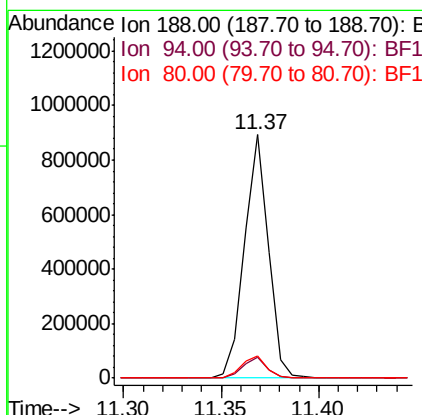
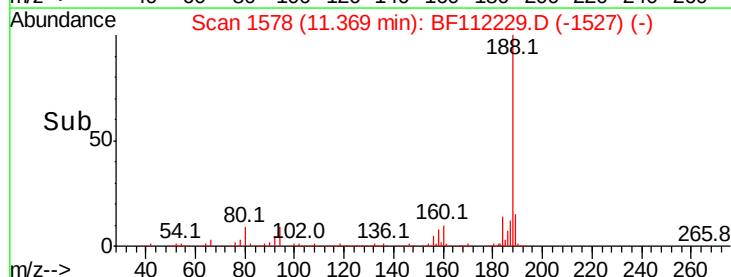
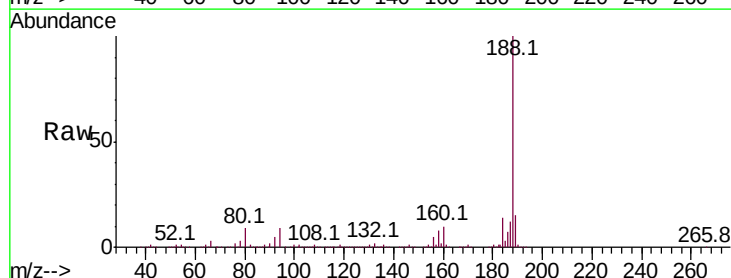
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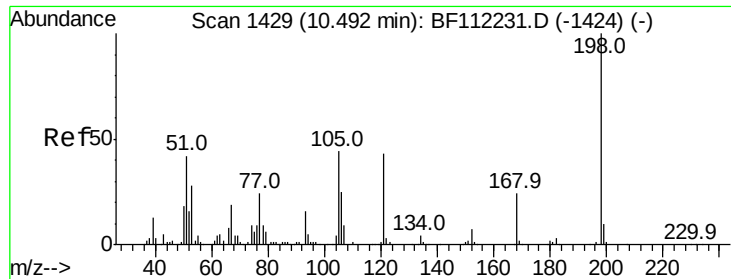
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 761318 |       |       |
| 94      | 8.6 | 8.2   | 12.2   |       |       |
| 80      | 9.2 | 8.9   | 13.3   |       |       |





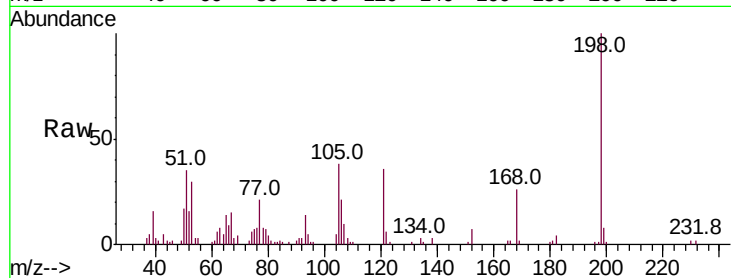
#65  
4,6-Dinitro-2-methylphenol  
Concen: 13.008 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 35.0  | 17.2  | 57.2  |
| 105     | 38.4  | 21.9  | 61.9  |

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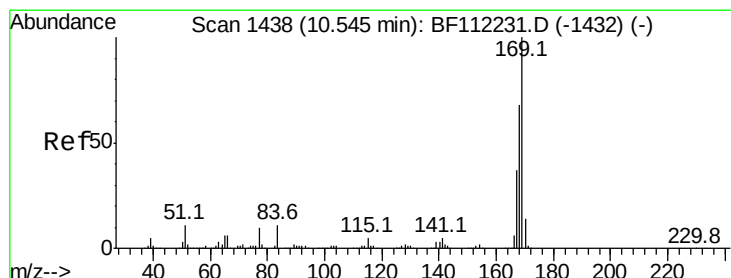
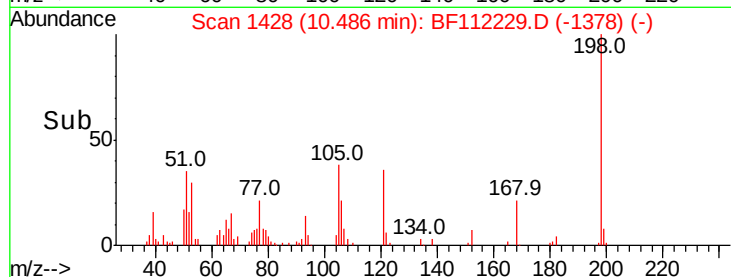
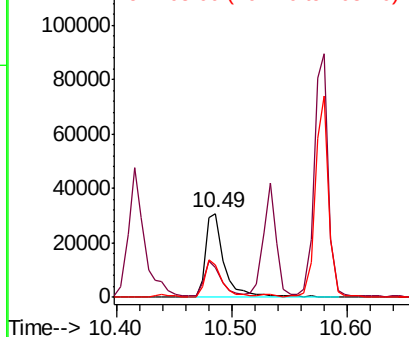


Abundance

Ion 198.00 (197.70 to 198.70): E

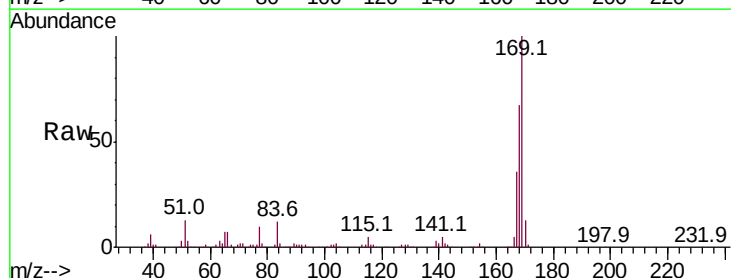
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 10.796 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.0  | 53.9  | 80.9  |
| 167     | 35.8  | 28.9  | 43.3  |

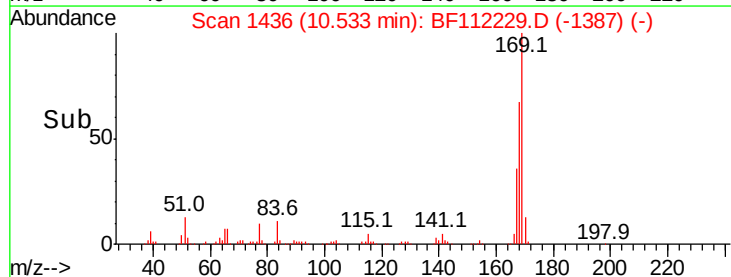
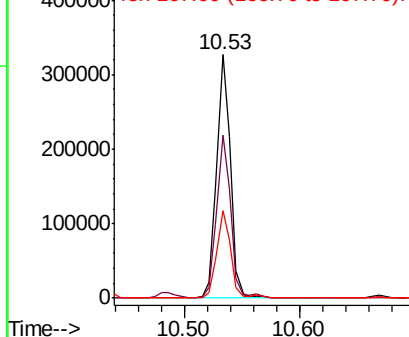


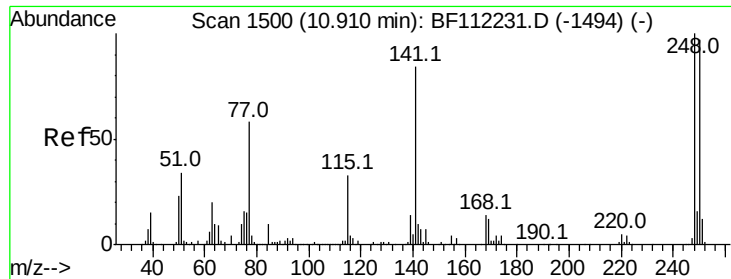
Abundance

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





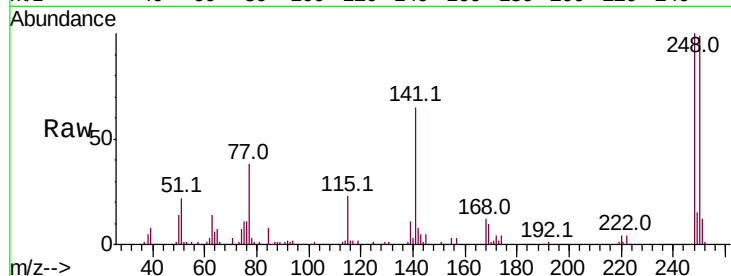
#67  
 4-Bromophenyl-phenylether  
 Concen: 10.650 ng  
 RT: 10.91 min Scan# 1500  
 Delta R.T. 0.00 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.5  | 79.7  | 119.5 |
| 141     | 65.0  | 60.3  | 90.5  |

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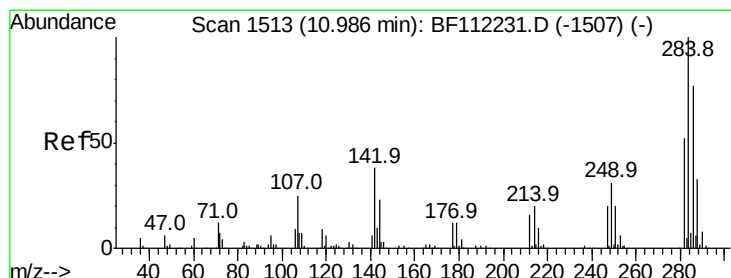
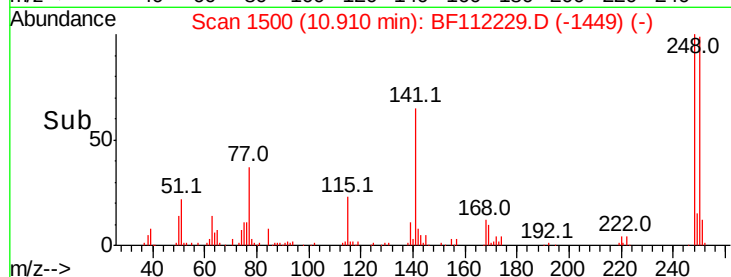
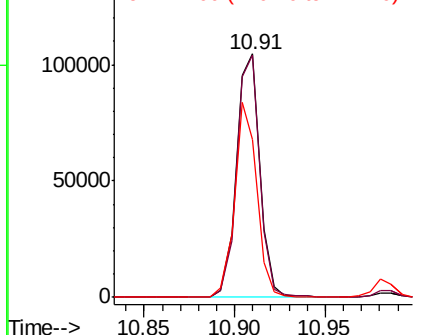


Abundance

Ion 248.00 (247.70 to 248.70): E

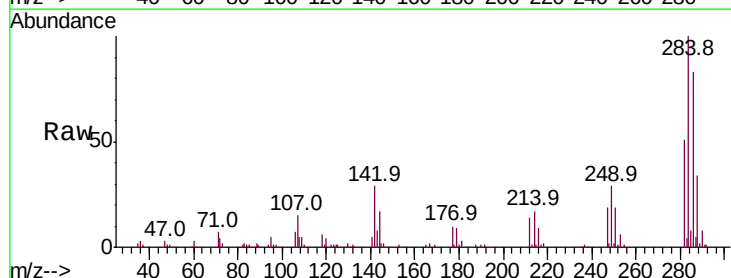
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 10.420 ng  
 RT: 10.99 min Scan# 1513  
 Delta R.T. 0.00 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.7  | 27.6  | 41.4  |
| 249     | 29.2  | 24.1  | 36.1  |

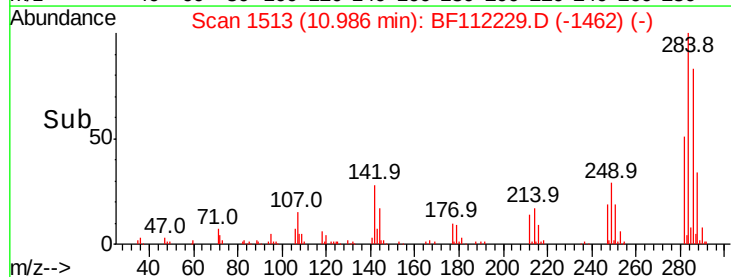
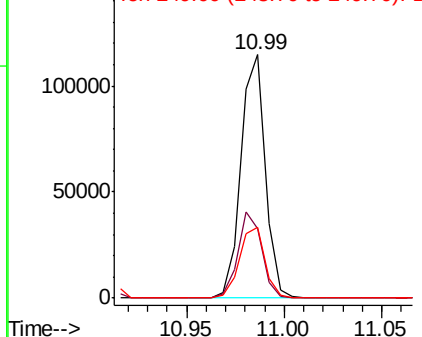


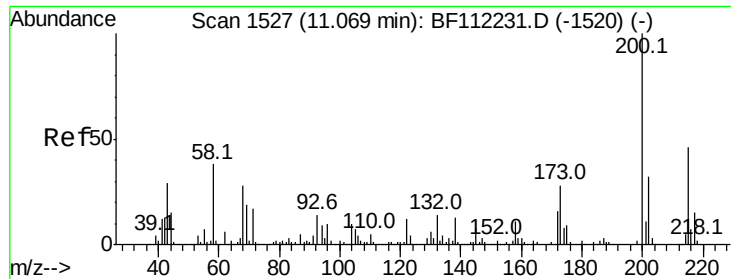
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





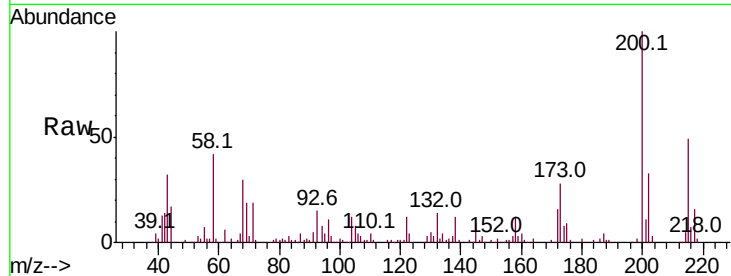
#69  
Atrazine  
Concen: 11.539 ng  
RT: 11.06 min Scan# 1525  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC010

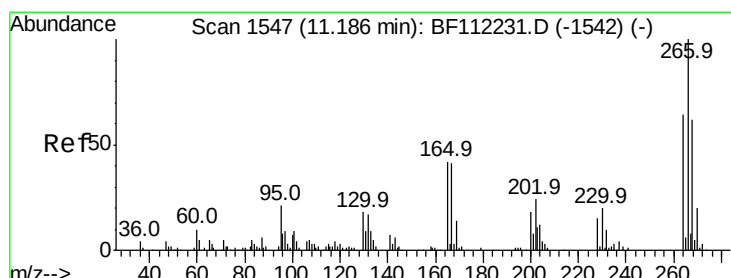
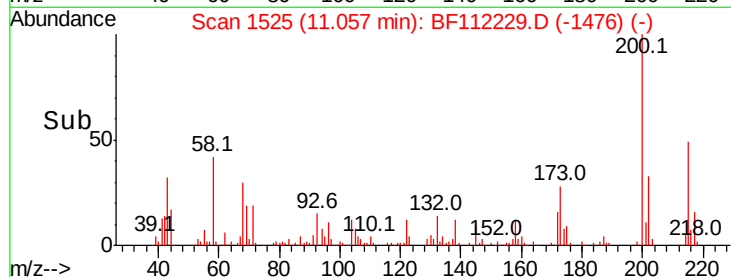
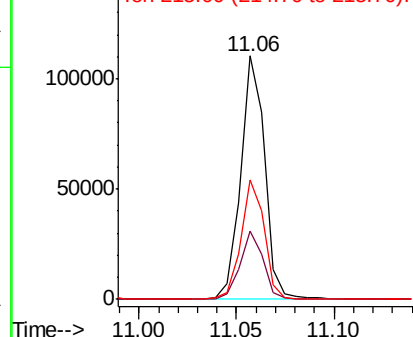
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.0  | 7.1   | 47.1  |
| 215     | 48.8  | 30.4  | 70.4  |

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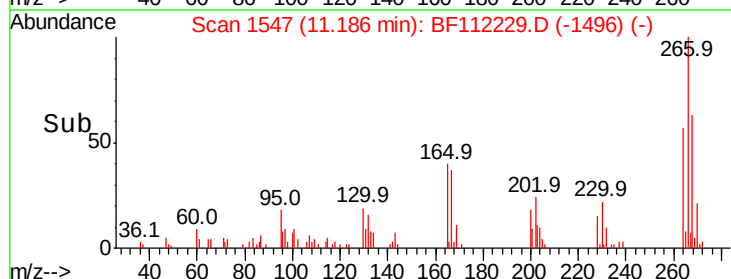
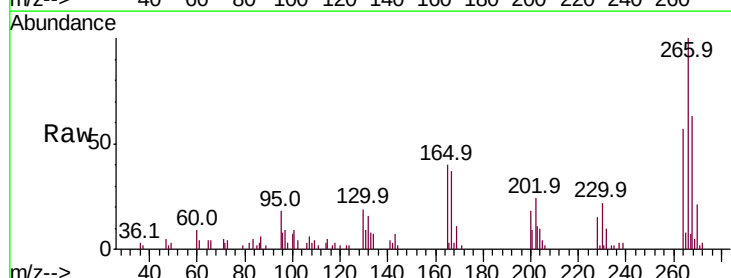
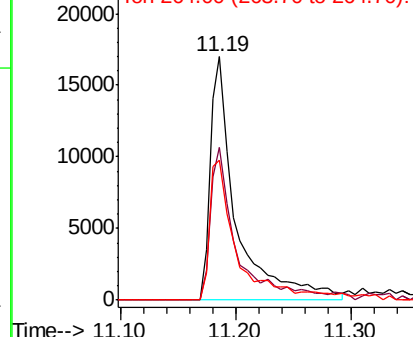
Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

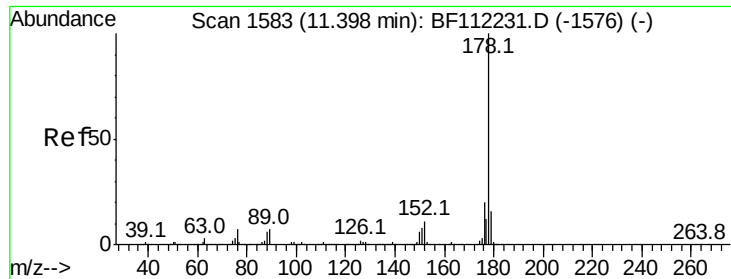


#70  
Pentachlorophenol  
Concen: 6.751 ng  
RT: 11.19 min Scan# 1547  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.8  | 51.2  | 76.8  |
| 264     | 57.4  | 50.9  | 76.3  |

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





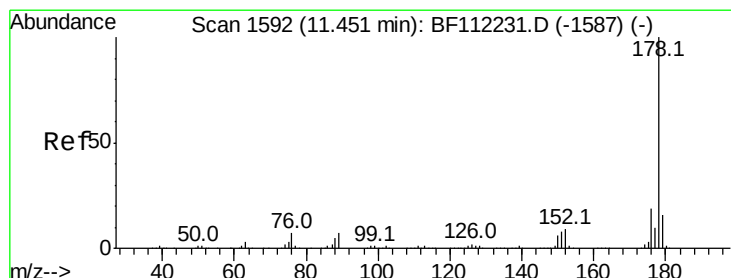
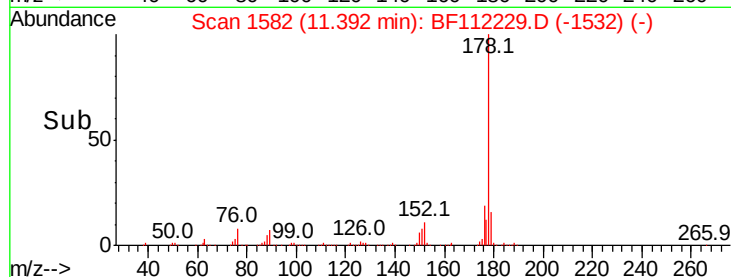
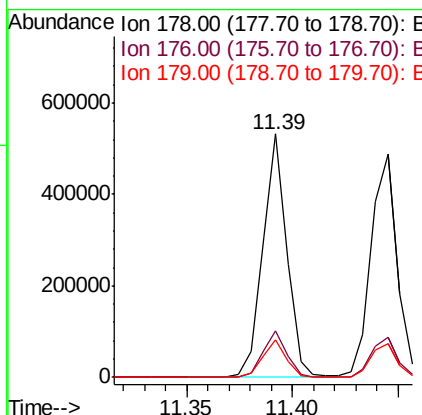
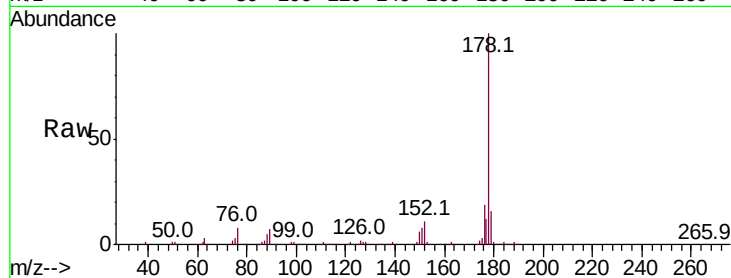
#71  
Phenanthrene  
Concen: 11.043 ng  
RT: 11.39 min Scan# 1582  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 16.3  | 24.5  |
| 179     | 15.5  | 13.0  | 19.4  |

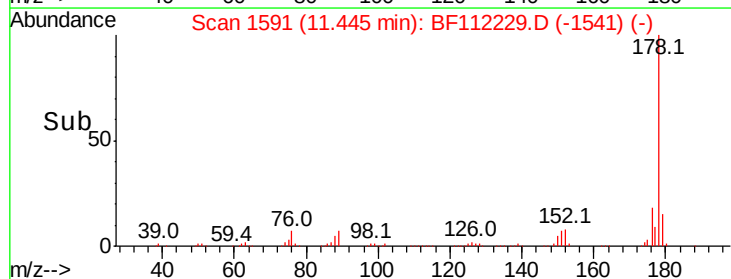
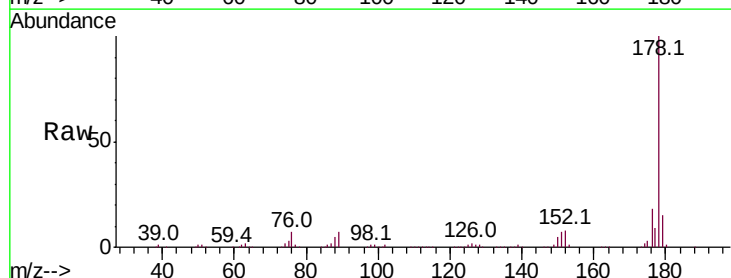
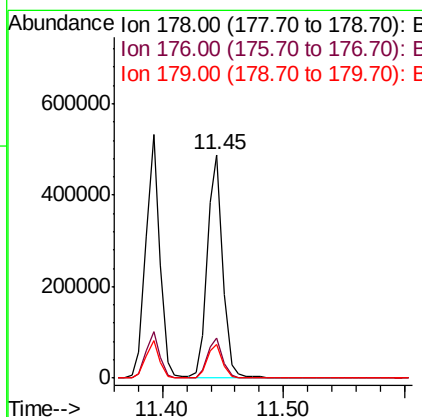
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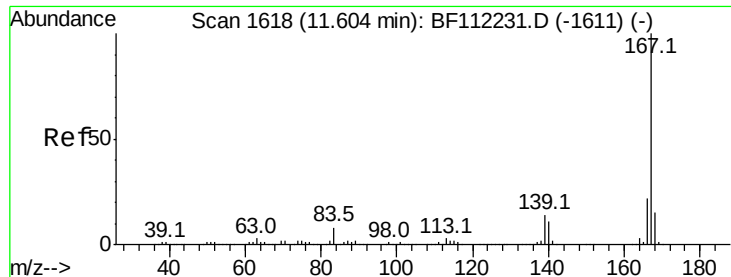


#72  
Anthracene  
Concen: 11.068 ng  
RT: 11.45 min Scan# 1591  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.1  | 15.5  | 23.3  |
| 179     | 15.3  | 12.8  | 19.2  |







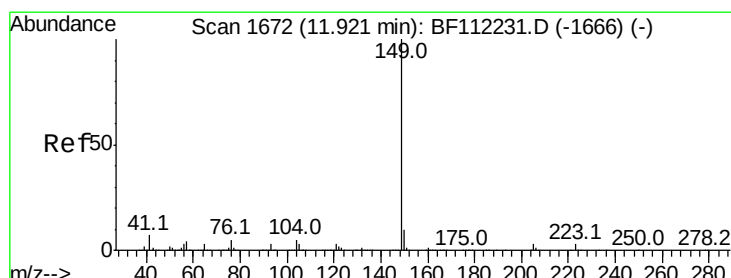
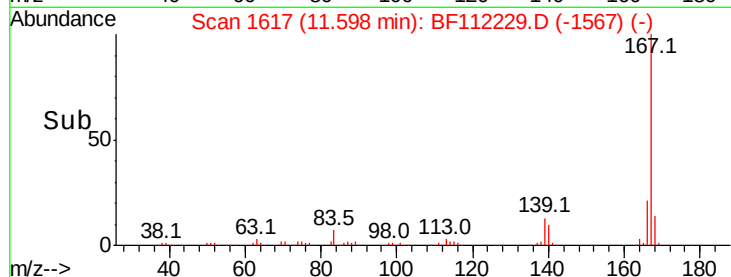
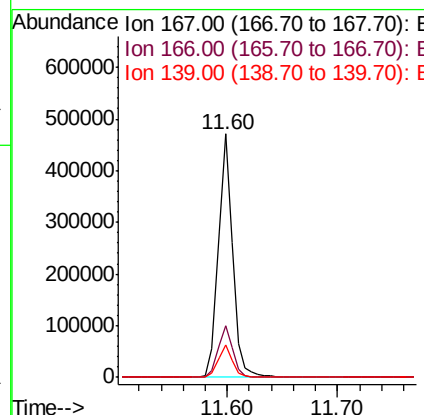
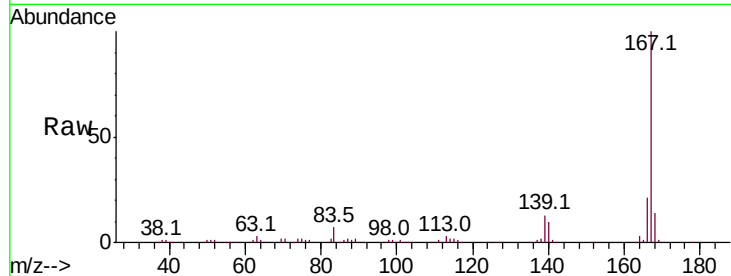
#73  
 Carbazole  
 Concen: 10.806 ng  
 RT: 11.60 min Scan# 1617  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 420156 |       |       |
| 166     | 21.1  |        | 17.9  | 26.9  |
| 139     | 13.1  |        | 10.2  | 15.2  |

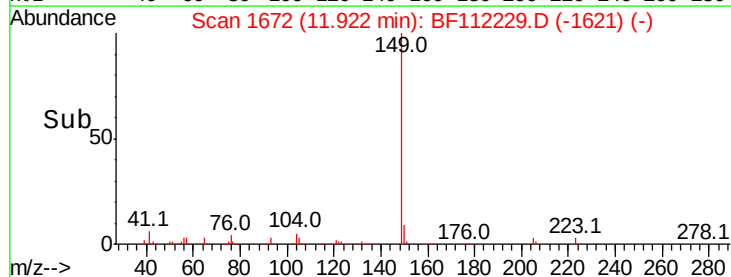
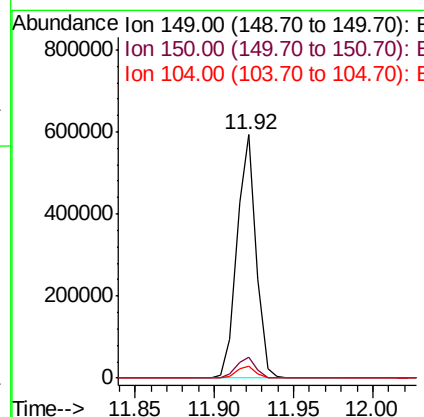
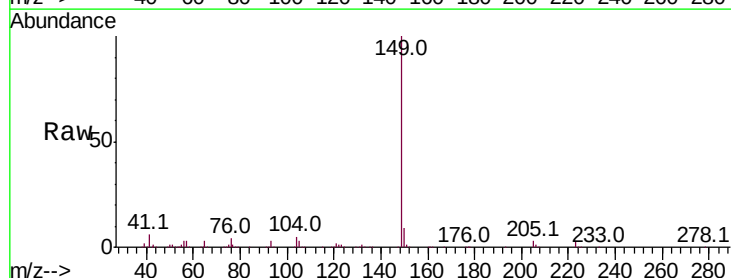
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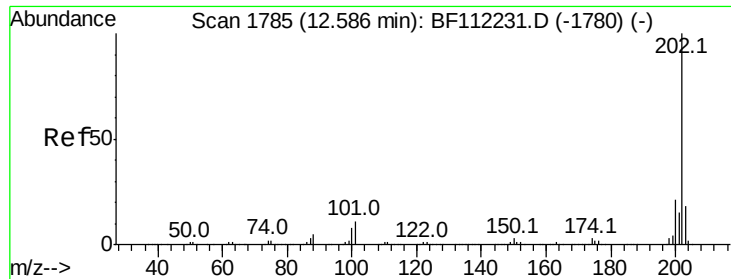
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#74  
 Di-n-butylphthalate  
 Concen: 11.242 ng  
 RT: 11.92 min Scan# 1672  
 Delta R.T. 0.00 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 491657 |       |       |
| 150     | 8.8   |        | 8.1   | 12.1  |
| 104     | 4.7   |        | 3.9   | 5.9   |





#75

Fluoranthene

Concen: 11.233 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

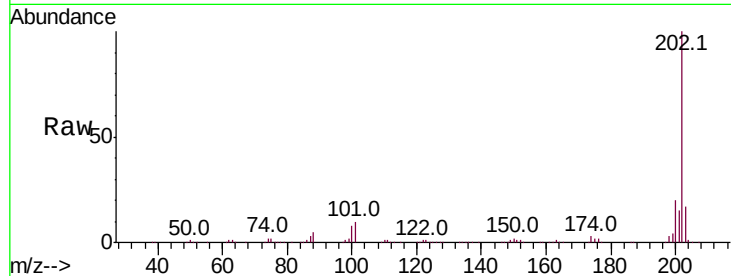
ClientSampleId :

SSTDIC010

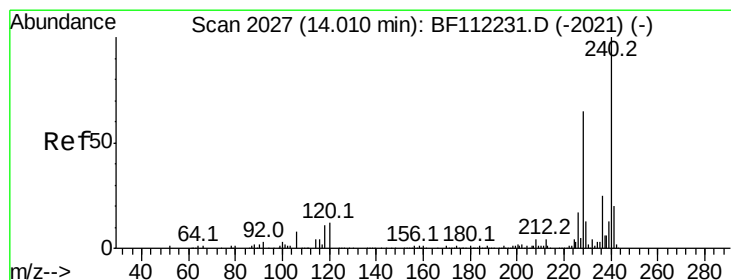
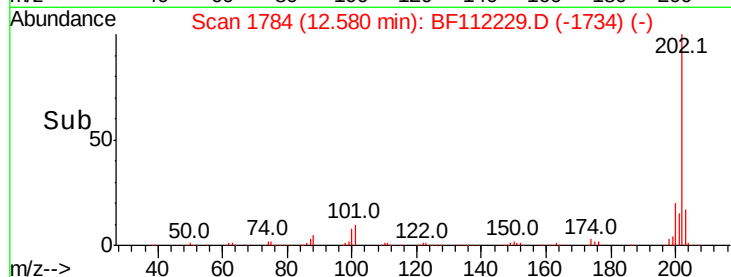
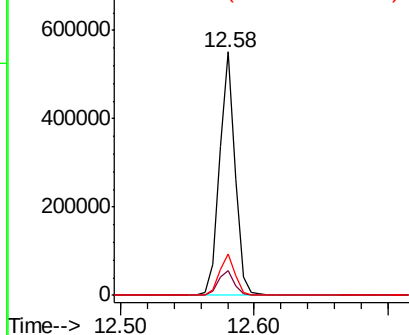
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 454402 |       |       |
| 101     | 10.2  | 0.0    | 31.8  |       |
| 203     | 17.2  | 0.0    | 38.4  |       |

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



#76

Chrysene-d12

Concen: 20.000 ng

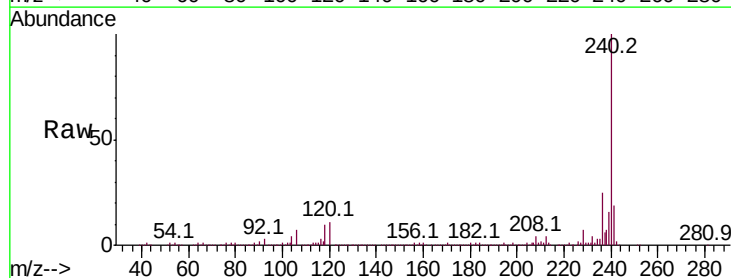
RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

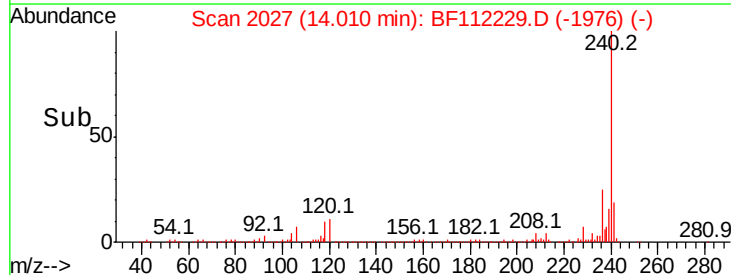
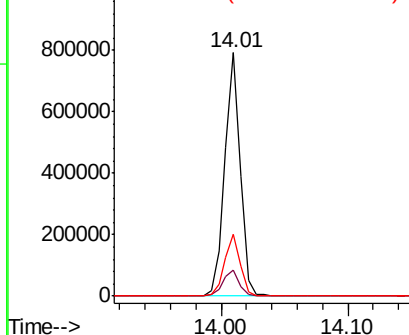
Lab File: BF112229.D

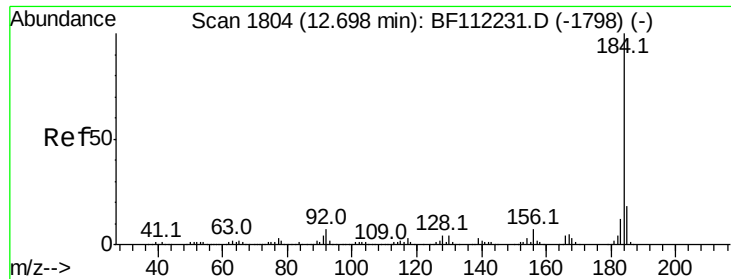
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 672704 |       |       |
| 120     | 10.8  | 9.0    | 13.6  |       |
| 236     | 25.3  | 20.7   | 31.1  |       |



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





#77

Benzidine

Concen: 11.048 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

Tot Ion:184 Resp: 247966

Ion Ratio Lower Upper

184 100

185 14.8 13.9 20.9

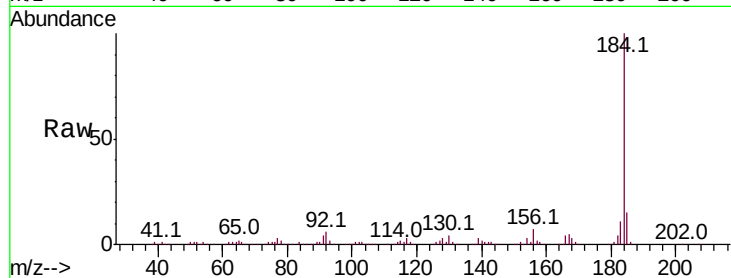
183 11.2 10.0 15.0

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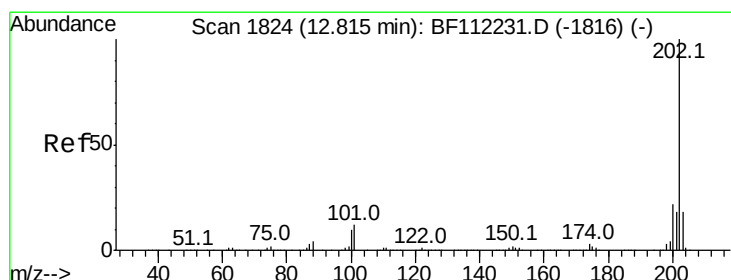
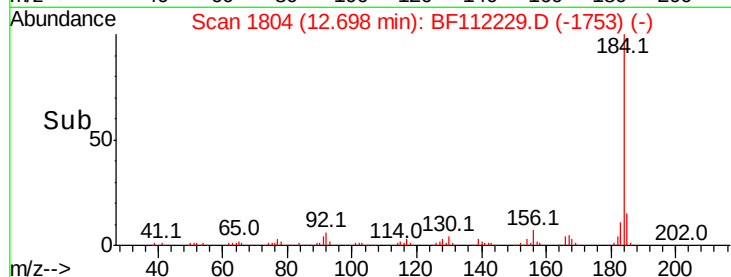
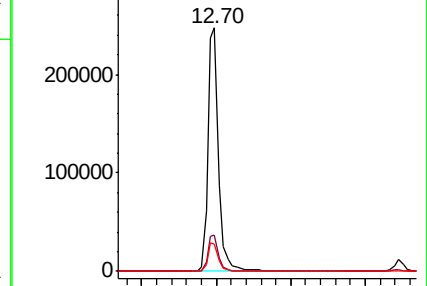
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.728 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

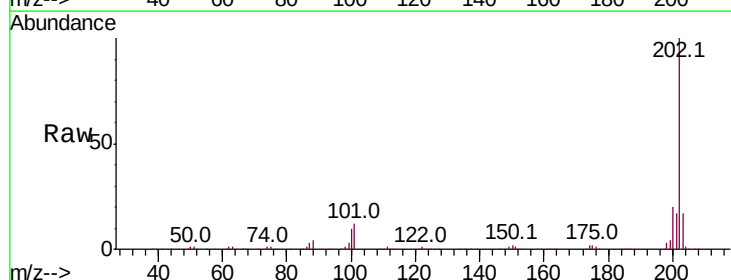
Tgt Ion:202 Resp: 476124

Ion Ratio Lower Upper

202 100

200 20.4 17.7 26.5

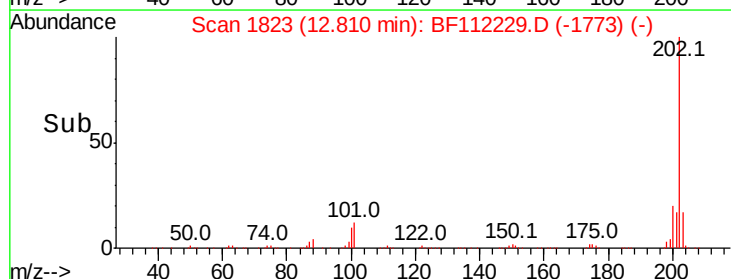
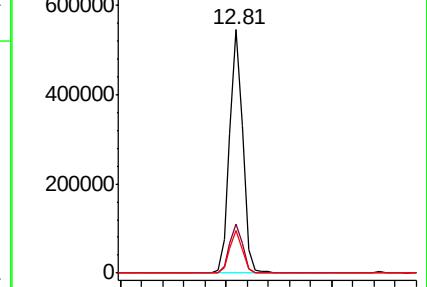
203 17.3 14.6 22.0

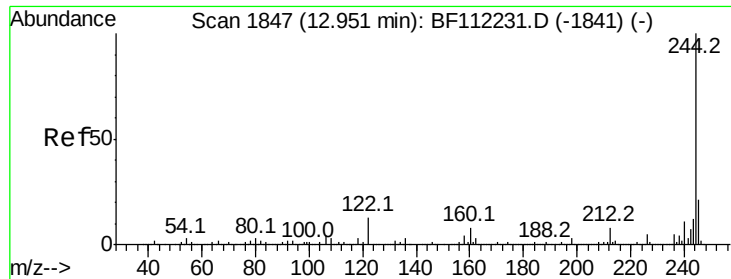


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 23.733 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

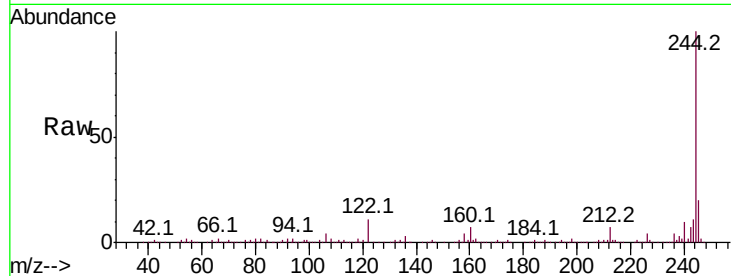
ClientSampleId :

SSTDICC010

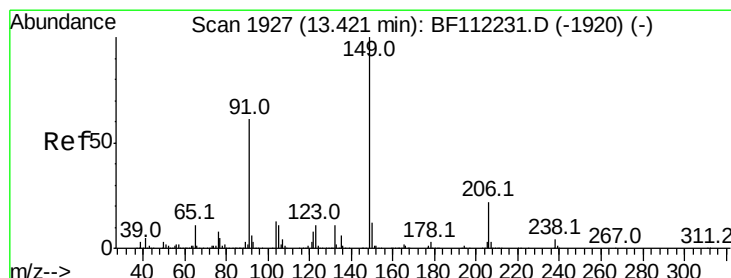
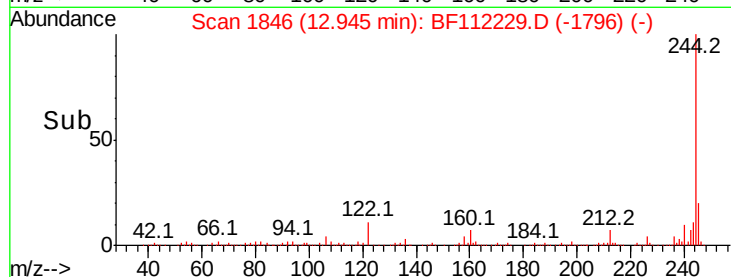
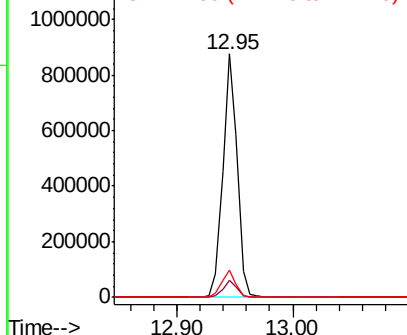
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 750482 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.9   | 5.9   | 8.9    |
| 122       | 11.4  | 9.8   | 14.6   |

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Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 11.081 ng

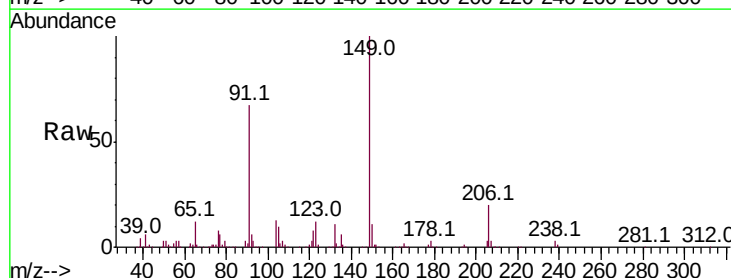
RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

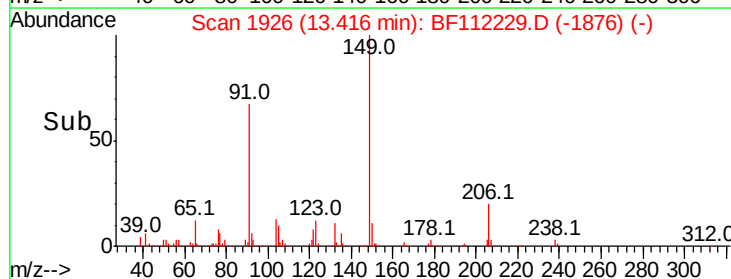
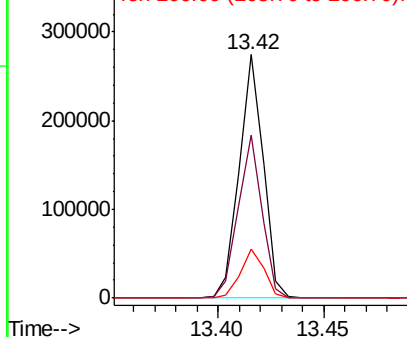
Lab File: BF112229.D

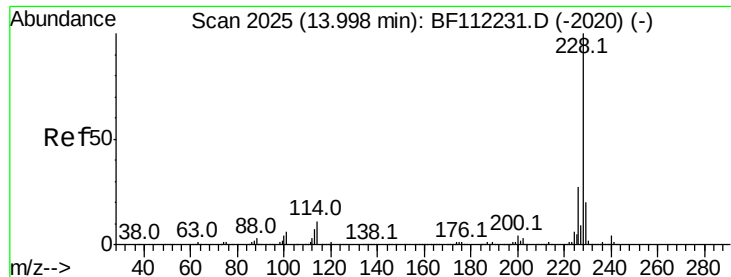
Acq: 25 Jan 2019 13:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 215762 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 67.0  | 50.3  | 75.5   |
| 206       | 20.1  | 18.2  | 27.4   |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF1  
Ion 206.00 (205.70 to 206.70): E





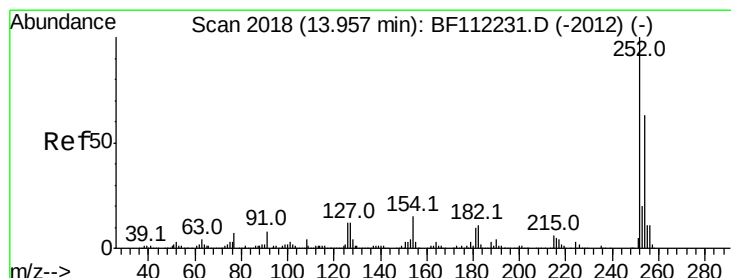
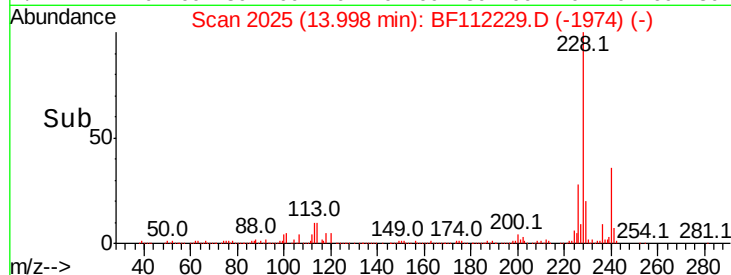
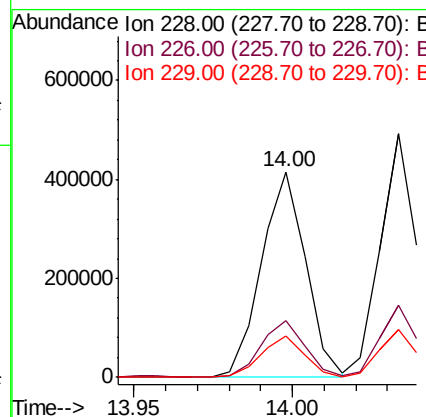
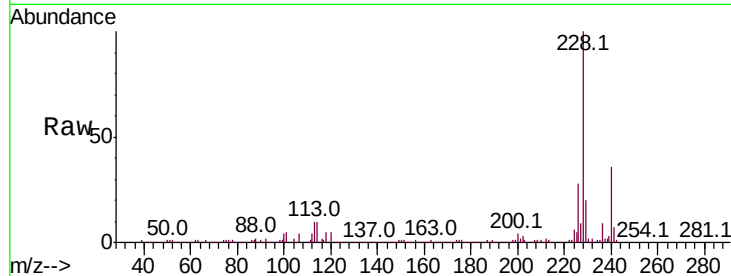
#81  
Benzo(a)anthracene  
Concen: 10.449 ng  
RT: 14.00 min Scan# 2025  
Delta R.T. 0.00 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.7  | 22.6  | 34.0  |
| 229     | 20.2  | 16.5  | 24.7  |

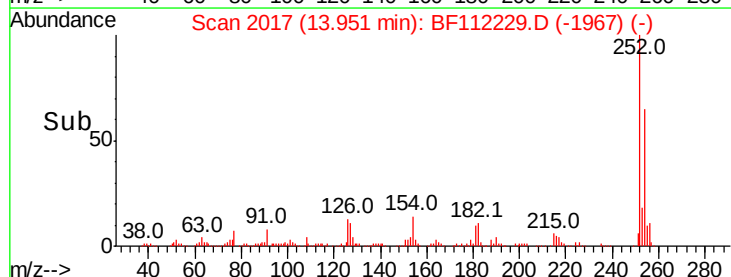
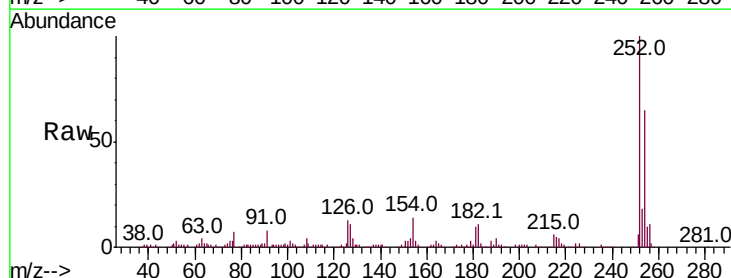
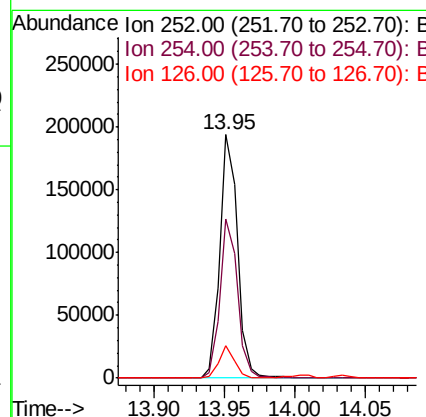
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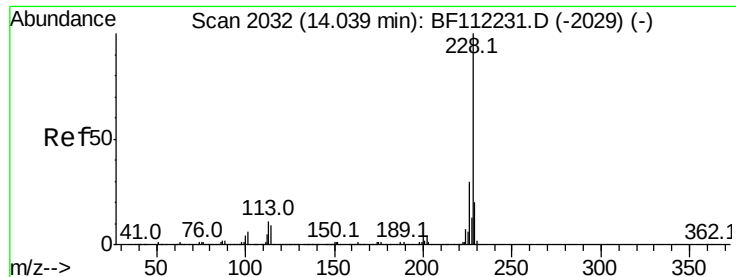
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#82  
3,3'-Dichlorobenzidine  
Concen: 11.775 ng  
RT: 13.95 min Scan# 2017  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.2  | 51.6  | 77.4  |
| 126     | 13.4  | 8.6   | 12.8  |





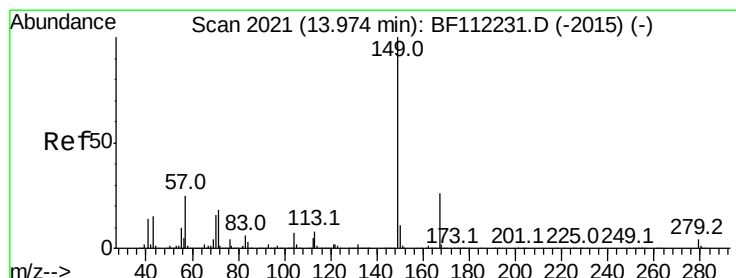
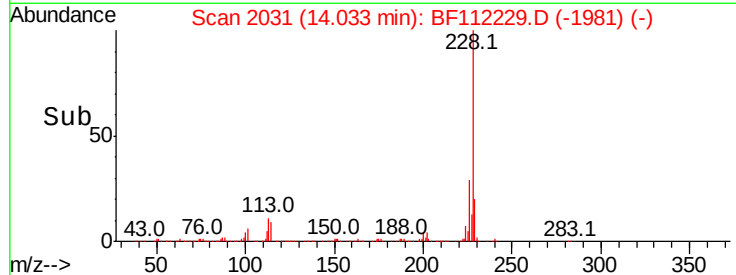
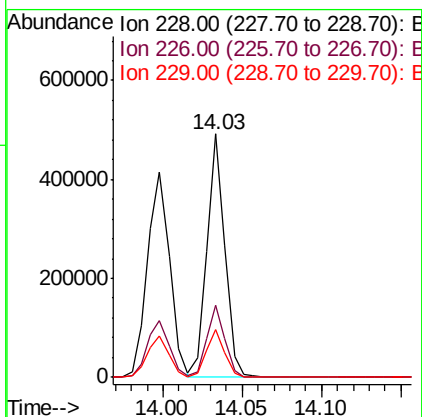
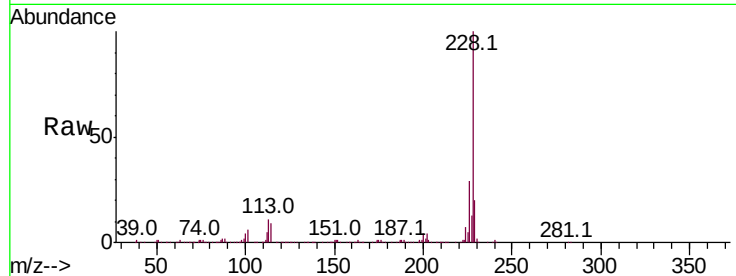
#83  
 Chrysene  
 Concen: 10.770 ng  
 RT: 14.03 min Scan# 2031  
 Delta R.T. -0.01 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.4  | 25.0  | 37.6  |
| 229     | 19.7  | 16.6  | 24.8  |

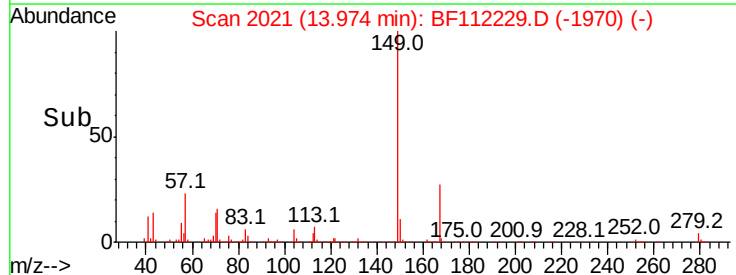
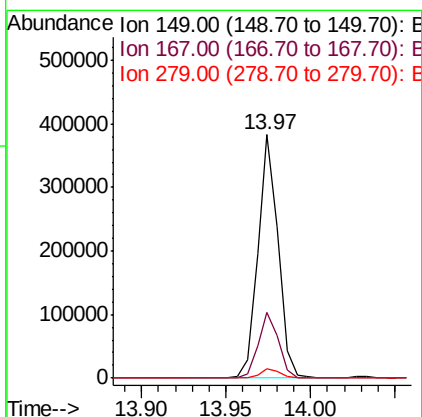
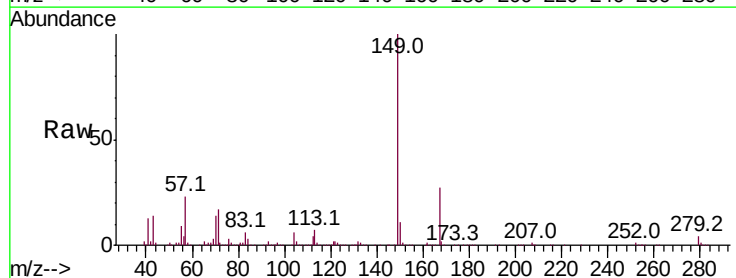
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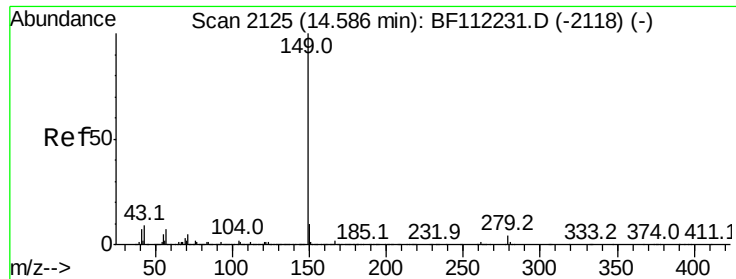
mohammad  
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 11.409 ng  
 RT: 13.97 min Scan# 2021  
 Delta R.T. 0.00 min  
 Lab File: BF112229.D  
 Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.9  | 22.5  | 33.7  |
| 279     | 4.0   | 3.8   | 5.6   |





#85

Di-n-octyl phthalate

Concen: 11.160 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

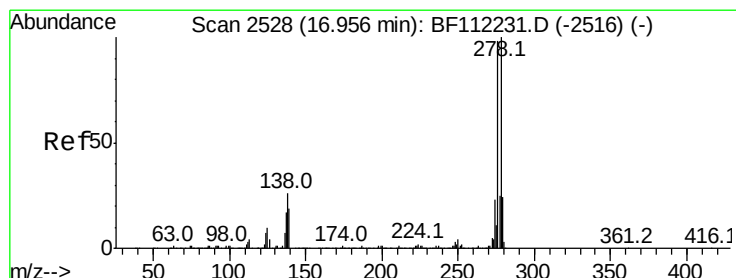
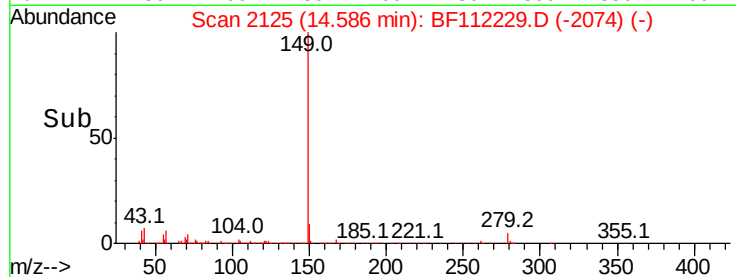
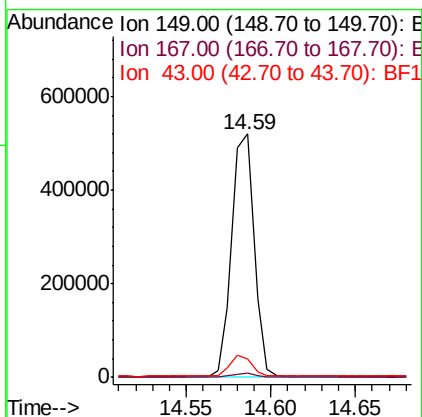
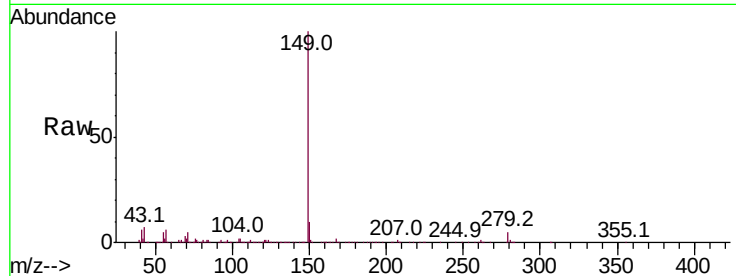
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 479811 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.7   | 1.3   | 1.9    |
| 43        | 8.1   | 7.8   | 11.6   |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 9.692 ng

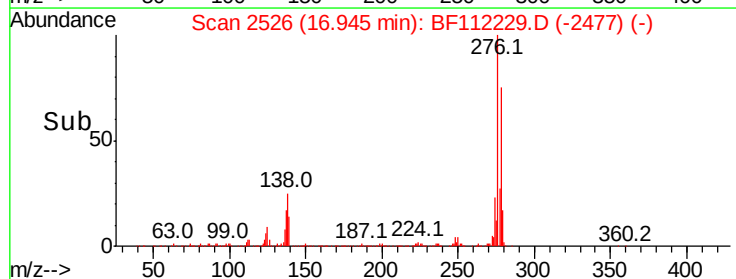
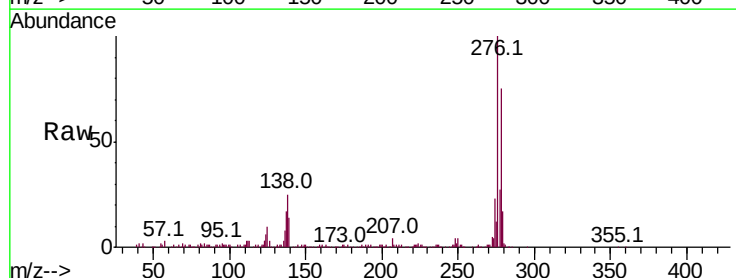
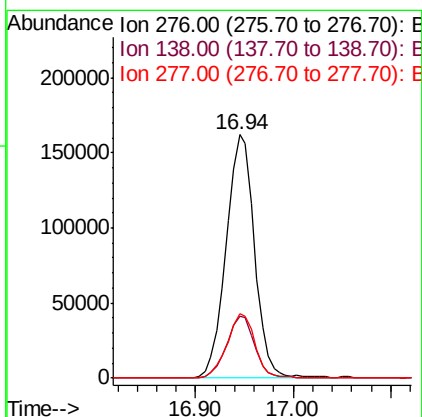
RT: 16.94 min Scan# 2526

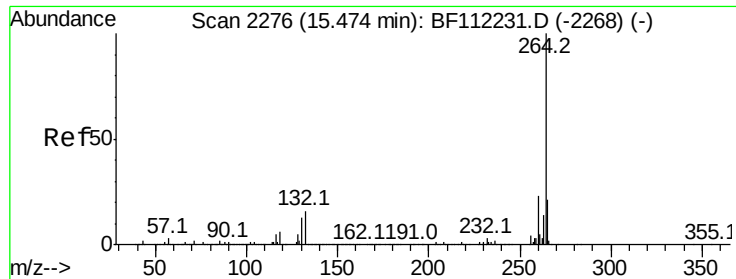
Delta R.T. -0.01 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 326335 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 25.6  | 22.6  | 34.0   |
| 277       | 26.3  | 20.3  | 30.5   |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

Instrument :

BNA\_F

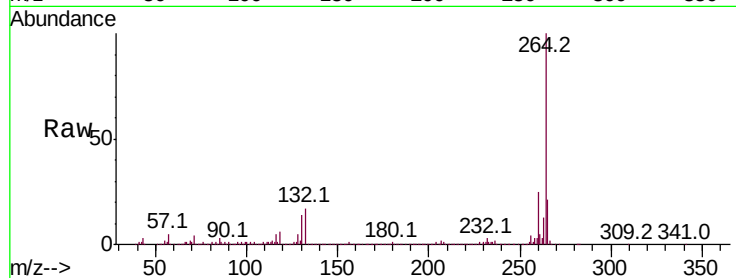
ClientSampled :

SSTDICC010

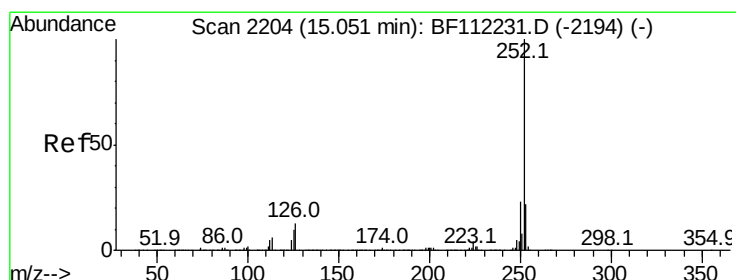
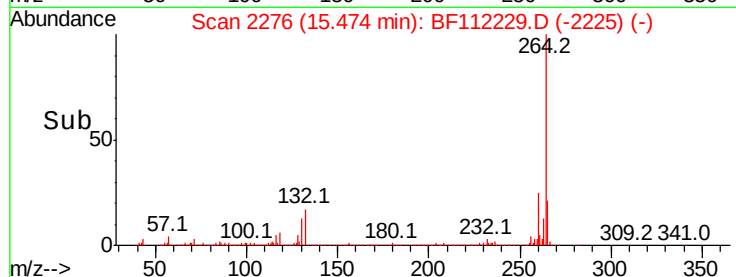
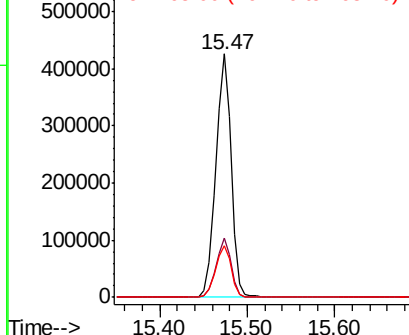
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.5  | 18.2  | 27.2  |
| 265     | 21.4  | 17.0  | 25.4  |

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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: 10.544 ng

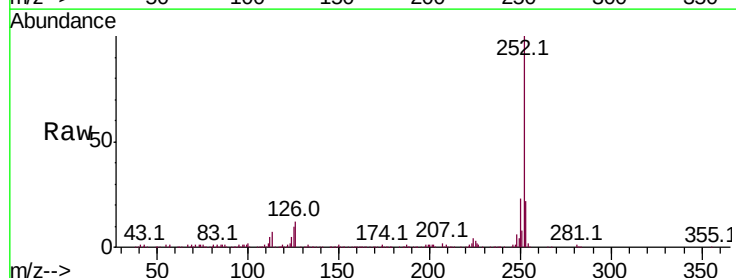
RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

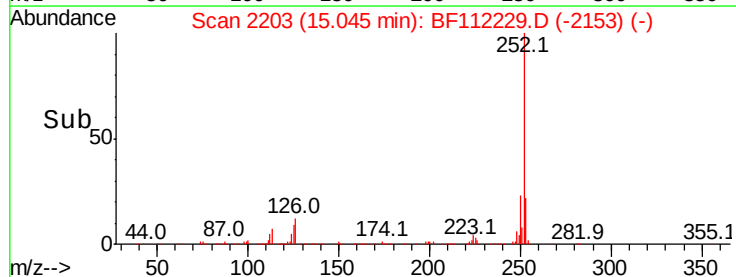
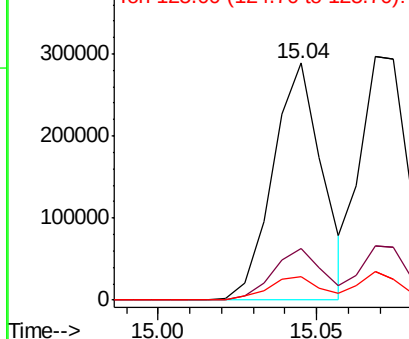
Lab File: BF112229.D

Acq: 25 Jan 2019 13:21

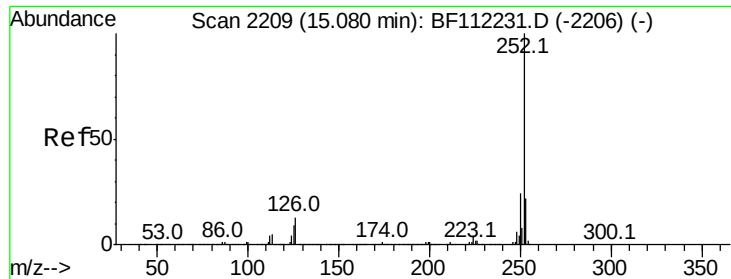
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 18.0  | 27.0  |
| 125     | 9.7   | 8.7   | 13.1  |



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







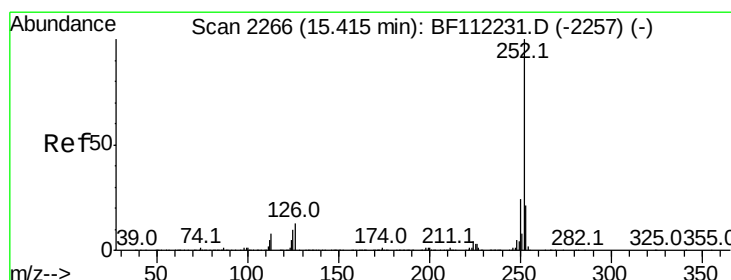
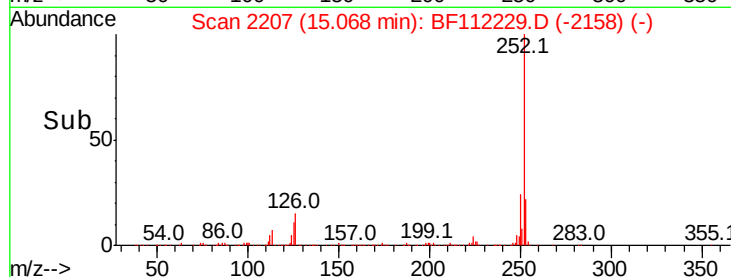
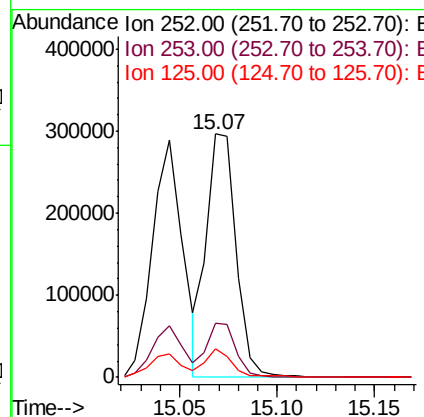
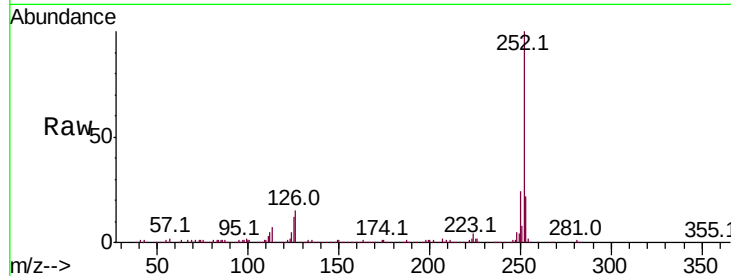
#89  
Benzo(k)fluoranthene  
Concen: 10.866 ng  
RT: 15.07 min Scan# 2207  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.0  | 27.0  |
| 125     | 11.5  | 9.1   | 13.7  |

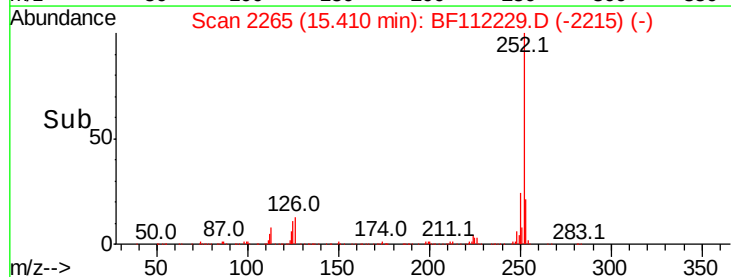
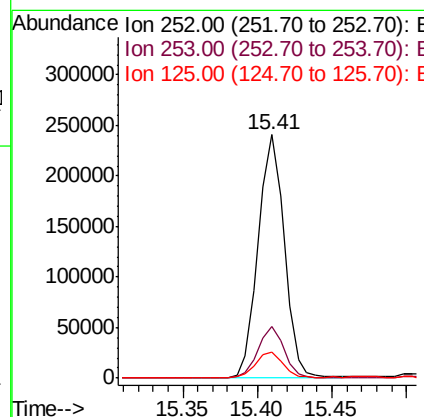
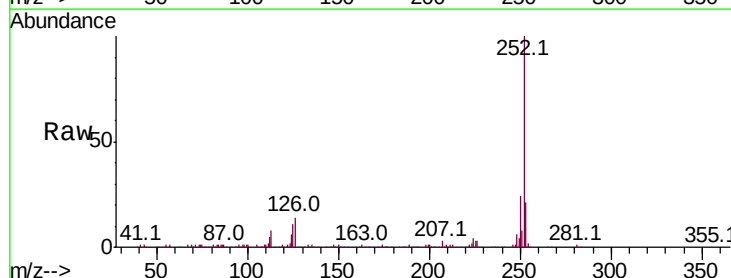
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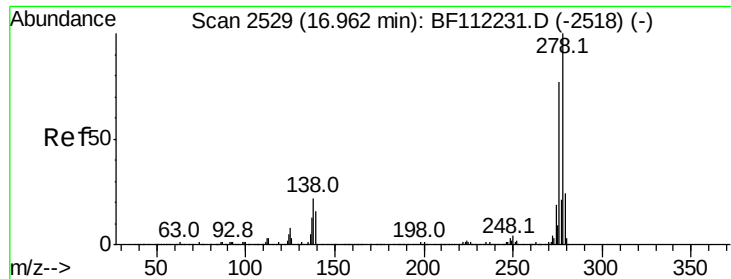
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#90  
Benzo(a)pyrene  
Concen: 10.704 ng  
RT: 15.41 min Scan# 2265  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.2  | 17.5  | 26.3  |
| 125     | 10.8  | 9.0   | 13.4  |





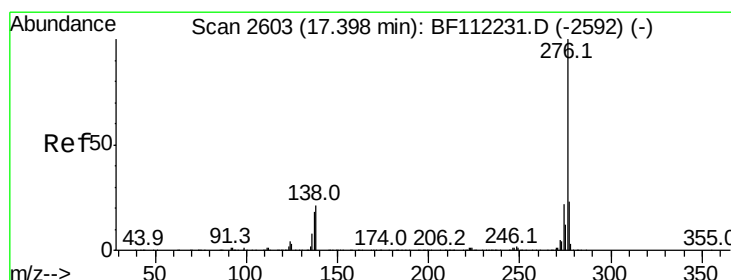
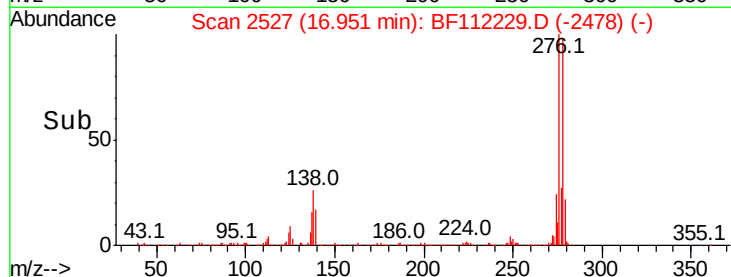
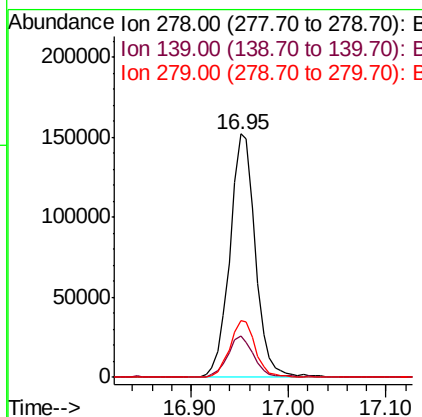
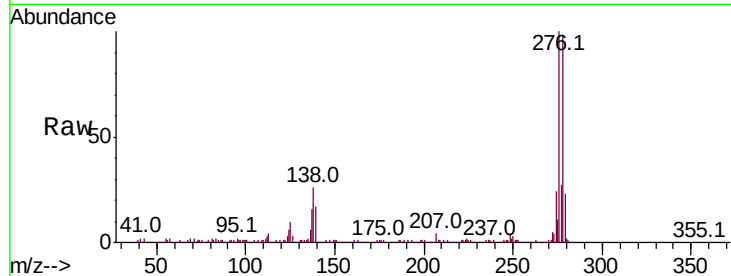
#91  
Dibenzo(a,h)anthracene  
Concen: 11.418 ng  
RT: 16.95 min Scan# 2527  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.2  | 13.7  | 20.5  |
| 279     | 23.1  | 19.0  | 28.6  |

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#92  
Benzo(g,h,i)perylene  
Concen: 11.530 ng  
RT: 17.39 min Scan# 2602  
Delta R.T. -0.01 min  
Lab File: BF112229.D  
Acq: 25 Jan 2019 13:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.2  | 19.4  | 29.0  |
| 138     | 20.0  | 19.1  | 28.7  |

