

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
 Data File : BF112206.D  
 Acq On : 24 Jan 2019 13:56  
 Operator : JU/SJ  
 Sample : PB116593BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116593BS

Manual Integrations  
 APPROVED

Sohil  
 1/25/2019 10:04:58 AM

Quant Time: Jan 24 14:34:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 19 01:02:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 244734   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 1002114  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.89  | 164  | 526141   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.38 | 188  | 1044949  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.03 | 240  | 798807   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.49 | 264  | 549970   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.50  | 112 | 1766914 | 131.04 | ng | 0.01  |
| 7) Phenol-d6             | 6.51  | 99  | 2237816 | 132.65 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 1331187 | 91.78  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.69 | 330 | 799104  | 140.79 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.22  | 172 | 2668413 | 74.36  | ng | 0.00  |
| 79) Terphenyl-d14        | 12.97 | 244 | 3043903 | 81.06  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.72 | 88  | 195410  | 30.900 | ng | 96     |
| 3) Pyridine                    | 3.48 | 79  | 485216  | 30.635 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.42 | 42  | 255854  | 39.785 | ng | 97     |
| 6) Aniline                     | 6.52 | 93  | 573372  | 27.944 | ng | # 25   |
| 8) 2-Chlorophenol              | 6.65 | 128 | 656582  | 41.927 | ng | 99     |
| 9) Benzaldehyde                | 6.40 | 77  | 91153   | 7.033  | ng | 99     |
| 10) Phenol                     | 6.52 | 94  | 742009  | 40.245 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 571117  | 38.958 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 671087  | 37.551 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 691242  | 37.813 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 655031  | 38.900 | ng | 98     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 543983  | 43.280 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 717297  | 33.930 | ng | 72     |
| 17) 2-Methylphenol             | 7.12 | 107 | 517146  | 43.973 | ng | # 90   |
| 18) Hexachloroethane           | 7.36 | 117 | 247269  | 40.527 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 434286  | 42.257 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 660921  | 46.350 | ng | # 82   |
| 22) Acetophenone               | 7.26 | 105 | 875576  | 37.714 | ng | 97     |
| 24) Nitrobenzene               | 7.43 | 77  | 658858  | 42.860 | ng | 99     |
| 25) Isophorone                 | 7.67 | 82  | 1180568 | 42.139 | ng | 99     |
| 26) 2-Nitrophenol              | 7.75 | 139 | 370821  | 47.088 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 576462  | 44.327 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93  | 747735  | 38.908 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 585315  | 41.201 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 617510  | 37.455 | ng | 98     |
| 31) Naphthalene                | 8.16 | 128 | 1879379 | 41.233 | ng | 99     |
| 32) Benzoic acid               | 7.95 | 122 | 355712  | 55.526 | ng | 98     |
| 33) 4-Chloroaniline            | 8.20 | 127 | 545599  | 26.635 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 340513  | 37.114 | ng | 99     |
| 35) Caprolactam                | 8.59 | 113 | 189206m | 38.053 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 616341  | 44.420 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 1346567 | 43.507 | ng | 97     |
| 38) 1-Methylnaphthalene        | 8.95 | 142 | 1266432 | 42.576 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 609979  | 36.104 | ng | 99     |

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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.00  | 237  | 451822   | 68.216  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.13  | 196  | 416454   | 41.204  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.19  | 196  | 443500   | 41.200  | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.32  | 154  | 1617791  | 36.773  | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.34  | 162  | 1276924  | 37.080  | nq    | 96       |
| 48) 2-Nitroaniline             | 9.44  | 65   | 376908   | 48.591  | nq    | 96       |
| 49) Acenaphthylene             | 9.76  | 152  | 2026120  | 40.318  | nq    | 100      |
| 50) Dimethylphthalate          | 9.62  | 163  | 1579058  | 41.153  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.68  | 165  | 362255   | 47.275  | nq    | 97       |
| 52) Acenaphthene               | 9.93  | 154  | 1164848  | 37.884  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.85  | 138  | 273301   | 31.894  | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.97  | 184  | 303455   | 102.753 | nq    | 93       |
| 55) Dibenzofuran               | 10.10 | 168  | 1771453  | 38.097  | nq    | 96       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 478535   | 78.268  | nq    | 94       |
| 57) 2,4-Dinitrotoluene         | 10.09 | 165  | 477522   | 48.494  | nq    | # 88     |
| 58) Fluorene                   | 10.45 | 166  | 1440234  | 41.456  | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 366109   | 45.071  | nq    | 95       |
| 60) Diethylphthalate           | 10.32 | 149  | 1543310  | 41.205  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.43 | 204  | 695361   | 37.092  | nq    | 97       |
| 62) 4-Nitroaniline             | 10.47 | 138  | 382239   | 44.923  | nq    | 97       |
| 63) Azobenzene                 | 10.59 | 77   | 1355568  | 37.793  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.50 | 198  | 221338   | 50.202  | nq    | 100      |
| 66) n-Nitrosodiphenylamine     | 10.55 | 169  | 1299606  | 37.621  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.92 | 248  | 444739   | 36.642  | nq    | 98       |
| 68) Hexachlorobenzene          | 11.00 | 284  | 484381   | 37.047  | nq    | 98       |
| 69) Atrazine                   | 11.08 | 200  | 412775   | 37.029  | nq    | 96       |
| 70) Pentachlorophenol          | 11.20 | 266  | 432790   | 69.697  | nq    | 99       |
| 71) Phenanthrene               | 11.41 | 178  | 2092949  | 39.799  | nq    | 100      |
| 72) Anthracene                 | 11.46 | 178  | 2144692  | 40.260  | nq    | 99       |
| 73) Carbazole                  | 11.62 | 167  | 1971053  | 36.935  | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.93 | 149  | 2351480  | 39.173  | nq    | 99       |
| 75) Fluoranthene               | 12.60 | 202  | 2203312  | 39.682  | nq    | 99       |
| 77) Benzidine                  | 12.71 | 184  | 636284   | 23.874  | nq    | 96       |
| 78) Pyrene                     | 12.83 | 202  | 2192583  | 41.603  | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.43 | 149  | 1012496  | 43.792  | nq    | 94       |
| 81) Benzo(a)anthracene         | 14.02 | 228  | 1875587  | 40.951  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.97 | 252  | 524988   | 30.607  | nq    | 97       |
| 83) Chrysene                   | 14.06 | 228  | 1746388  | 40.297  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 1351374  | 40.783  | nq    | 98       |
| 85) Di-n-octyl phthalate       | 14.60 | 149  | 2058976  | 40.329  | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.99 | 276  | 1318981  | 32.988  | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 15.07 | 252  | 1520167  | 48.694  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.10 | 252  | 1485581  | 49.166  | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.44 | 252  | 1374376  | 48.005  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.00 | 278  | 1092746  | 42.974  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.43 | 276  | 1090563  | 43.534  | nq    | 99       |

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

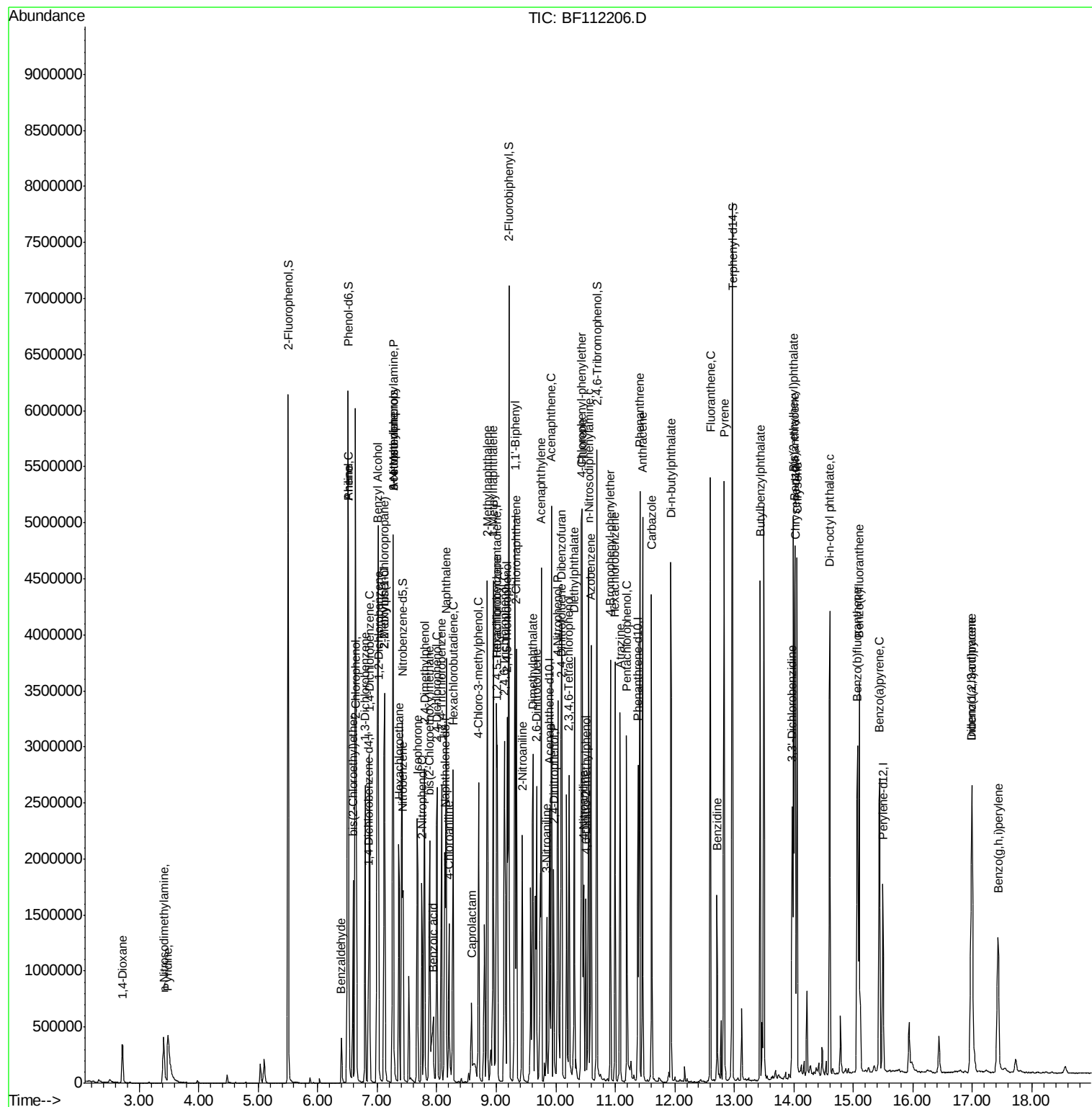
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\  
 Data File : BF112206.D  
 Acq On : 24 Jan 2019 13:56  
 Operator : JU/SJ  
 Sample : PB116593BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

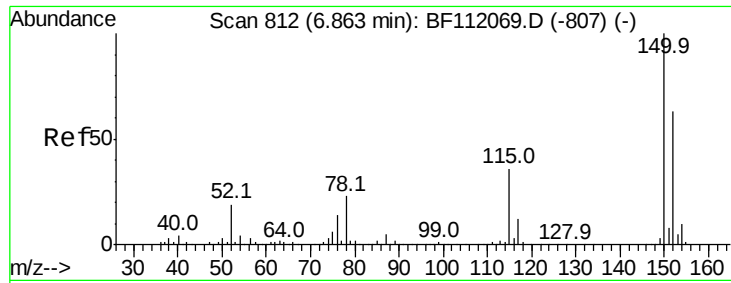
Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB116593BS

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#1

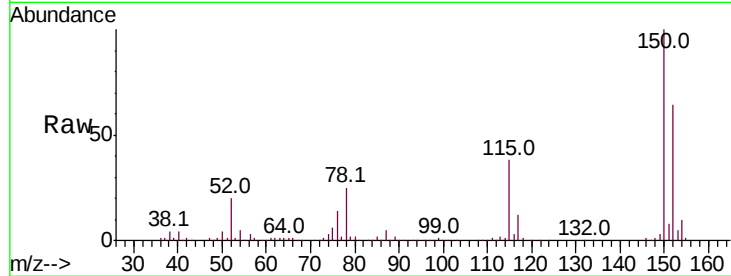
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 810  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampled :  
PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.5 | 127.4 | 191.0 |
| 115     | 58.6  | 45.5  | 68.3  |

Manual Integrations  
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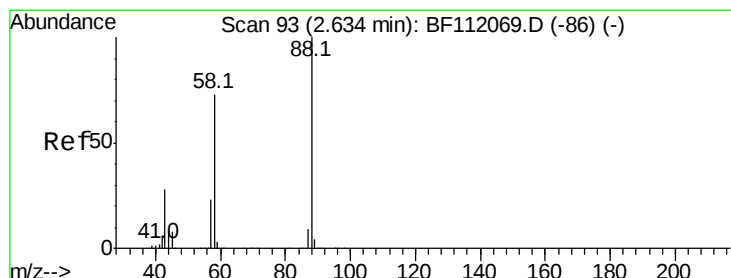
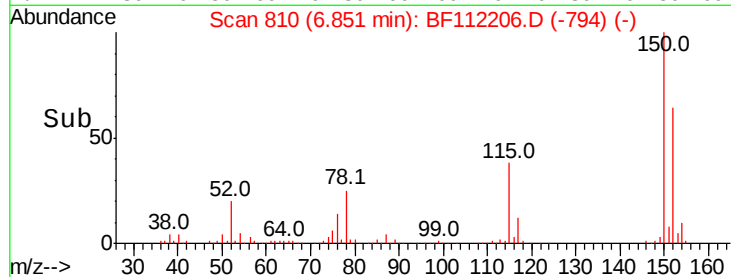
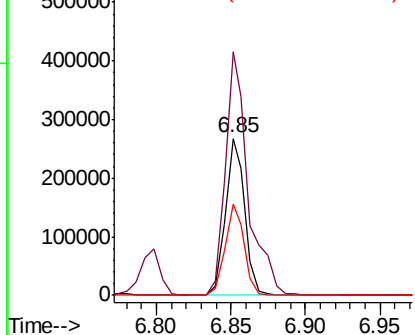


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

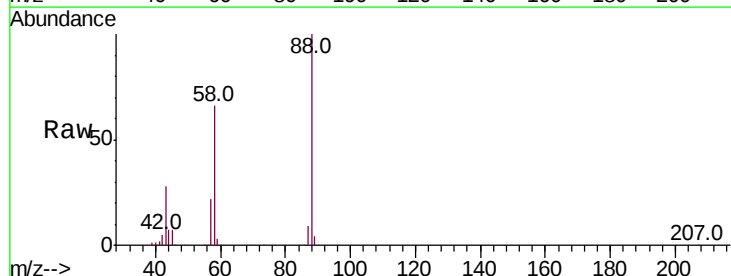
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 30.900 ng  
RT: 2.72 min Scan# 108  
Delta R.T. 0.09 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 68.0  | 57.4  | 86.2  |
| 43      | 29.3  | 22.2  | 33.4  |

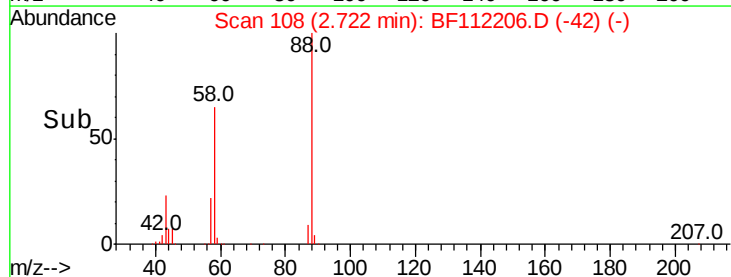
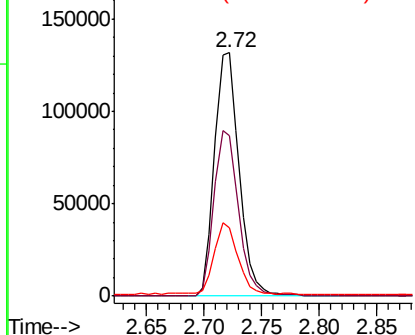


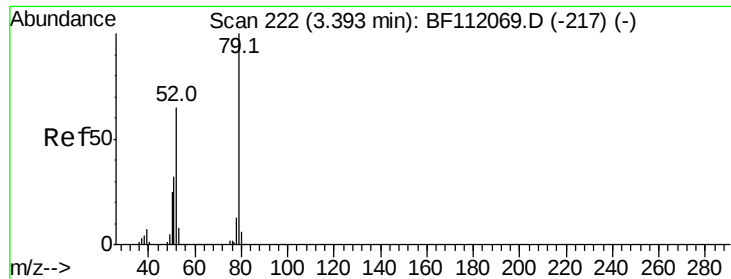
Abundance

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





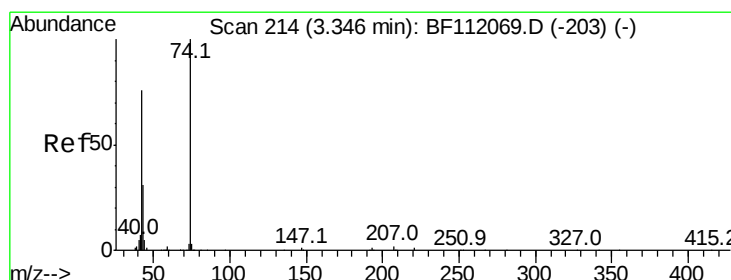
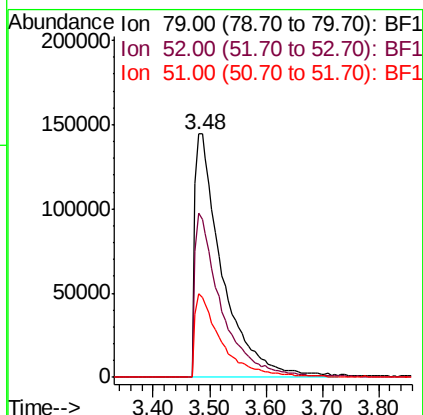
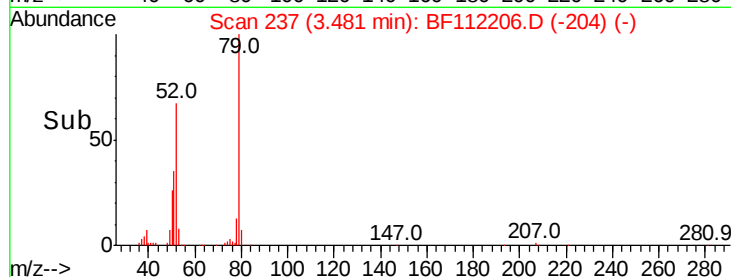
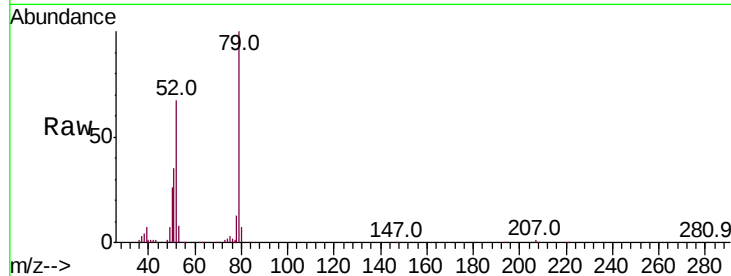
#3  
Pvridine  
Concen: 30.635 ng  
RT: 3.48 min Scan# 237  
Delta R.T. 0.09 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 67.3  | 52.4  | 78.6  |
| 51      | 34.6  | 26.1  | 39.1  |

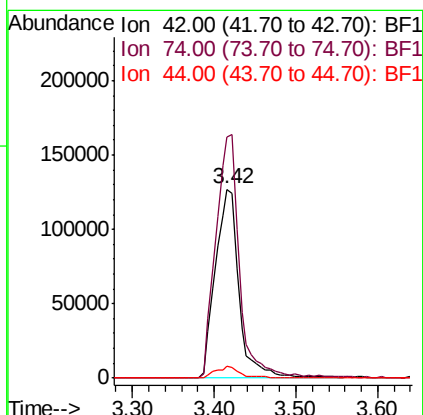
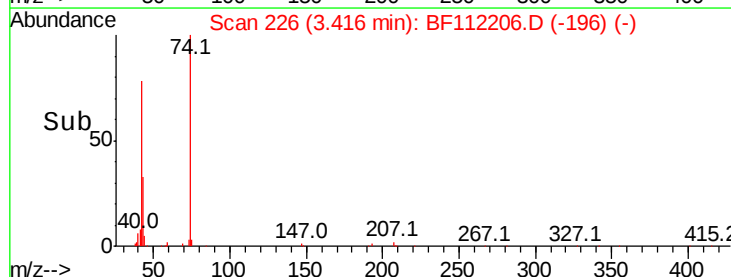
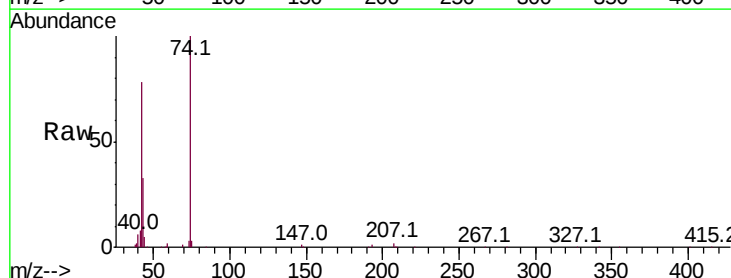
Manual Integrations  
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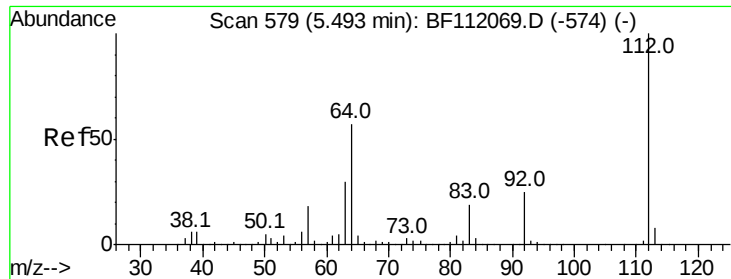
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1/25/2019 10:04:58 AM



#4  
n-Nitrosodimethylamine  
Concen: 39.785 ng  
RT: 3.42 min Scan# 226  
Delta R.T. 0.08 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 128.1 | 105.6 | 158.4 |
| 44      | 6.6   | 5.4   | 8.2   |





#5

2-Fluorophenol

Concen: 131.041 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

ClientSampleID :

PB116593BS

Tot Ion:112 Resp: 1766914

Ion Ratio Lower Upper

112 100

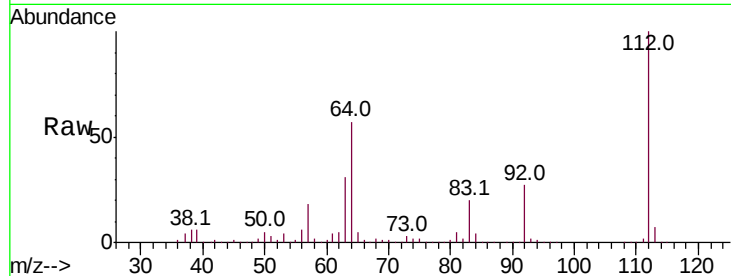
64 56.9 45.7 68.5

63 30.9 23.6 35.4

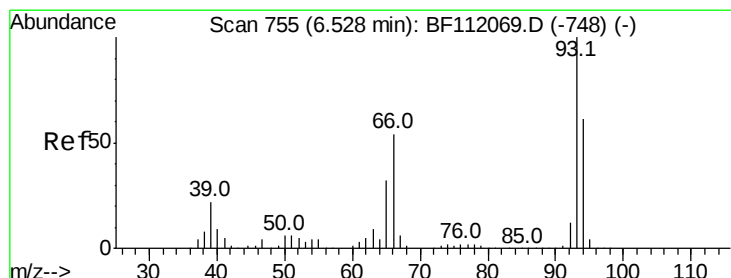
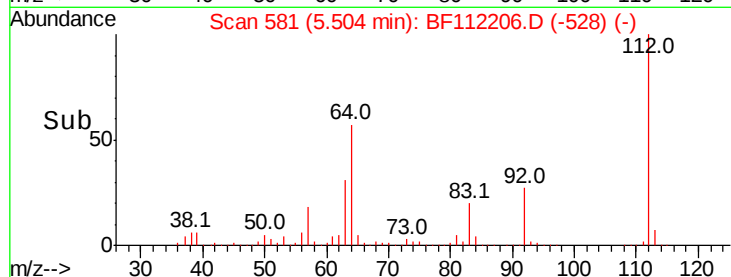
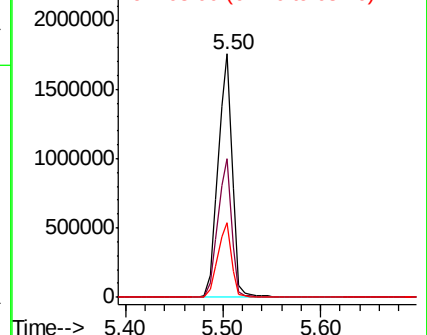
Manual Integrations  
APPROVED

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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: 27.944 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

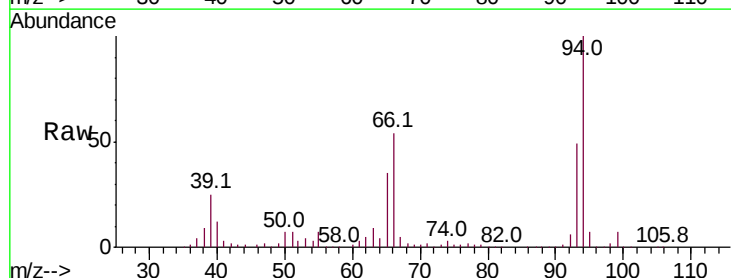
Tgt Ion: 93 Resp: 573372

Ion Ratio Lower Upper

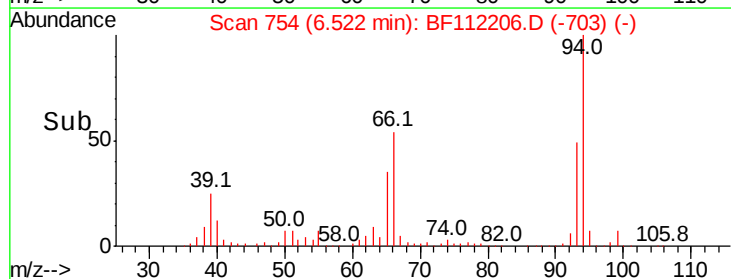
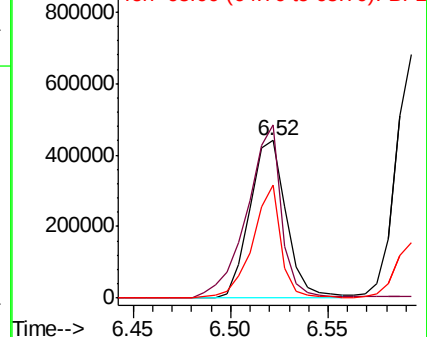
93 100

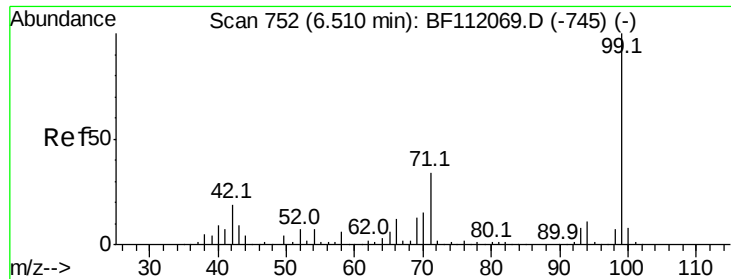
66 109.8 43.4 65.2#

65 71.6 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: 132.649 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

ClientSampleId :

PB116593BS

Tot Ion: 99 Resp: 2237816

Ion Ratio Lower Upper

99 100

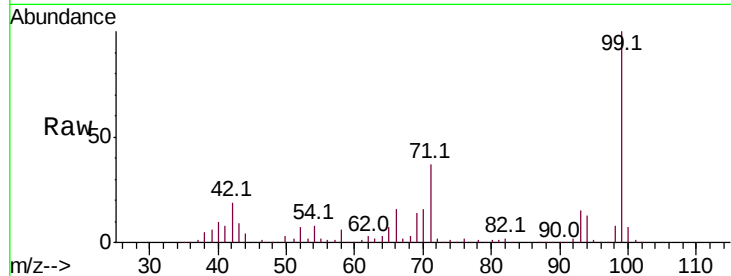
42 19.3 15.1 22.7

71 37.0 26.9 40.3

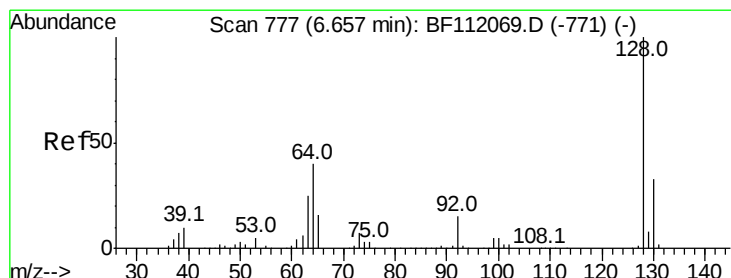
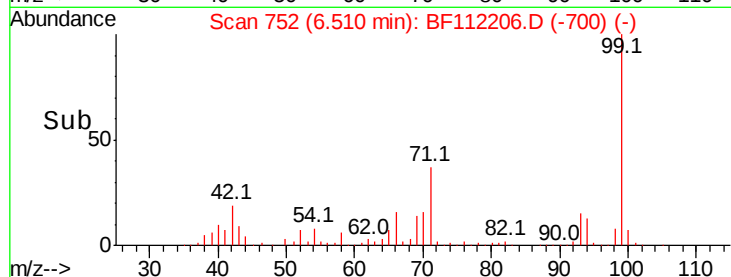
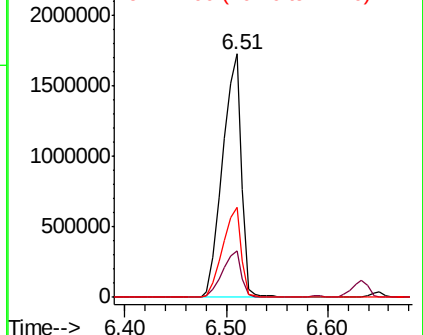
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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.927 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

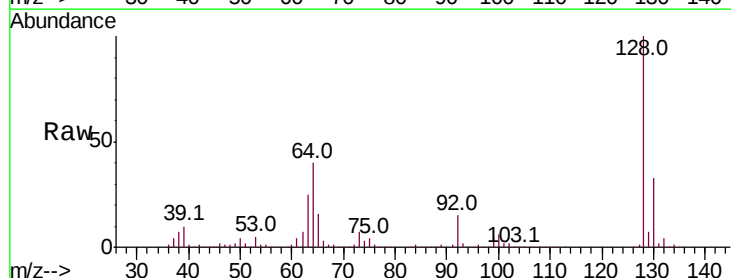
Tgt Ion:128 Resp: 656582

Ion Ratio Lower Upper

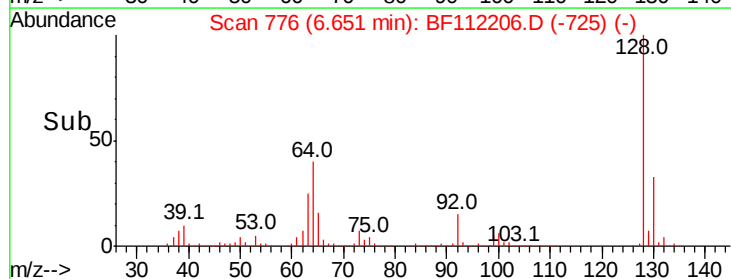
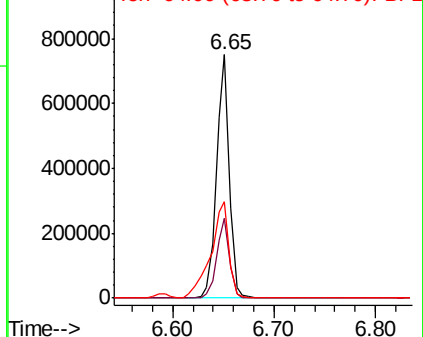
128 100

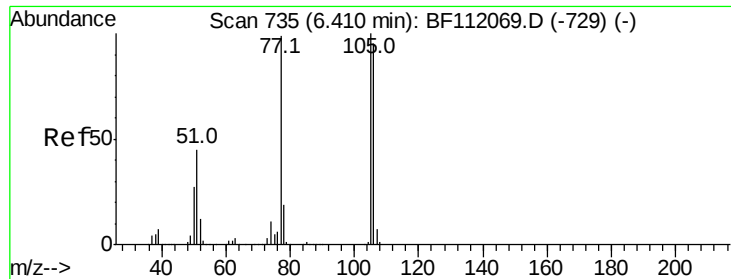
130 33.0 13.4 53.4

64 39.9 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: 7.033 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

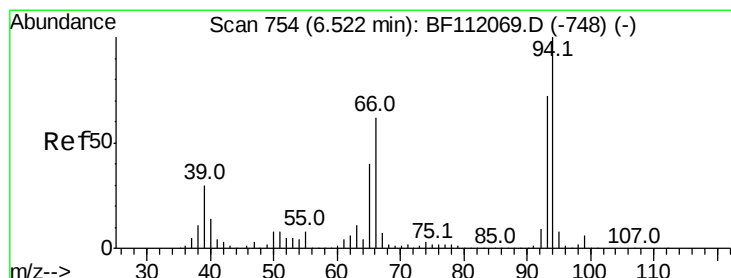
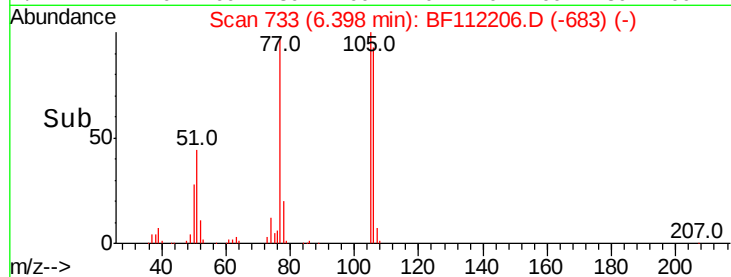
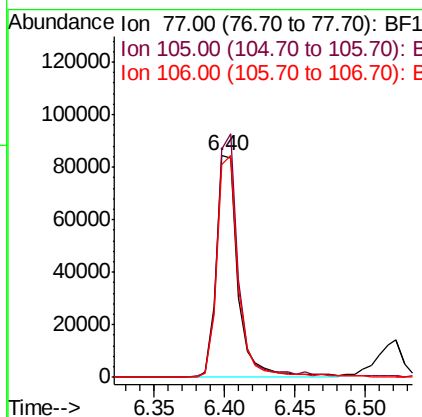
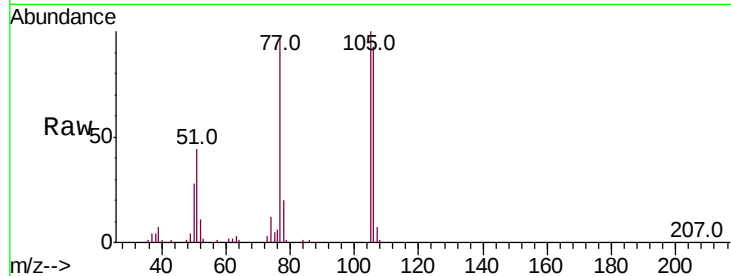
ClientSampleId :

PB116593BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 91153 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 103.3 | 80.8  | 120.8 |
| 106      | 96.1  | 75.7  | 115.7 |

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#10

Phenol

Concen: 40.245 ng

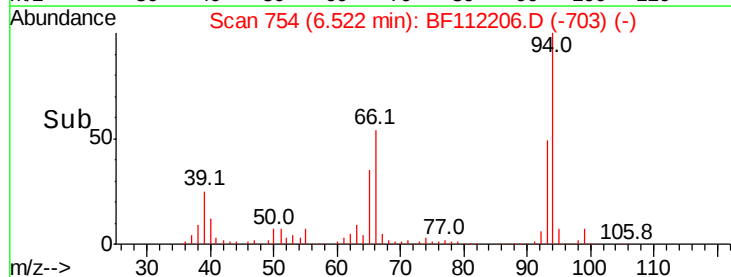
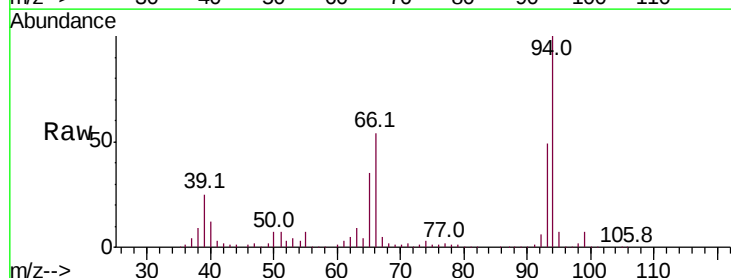
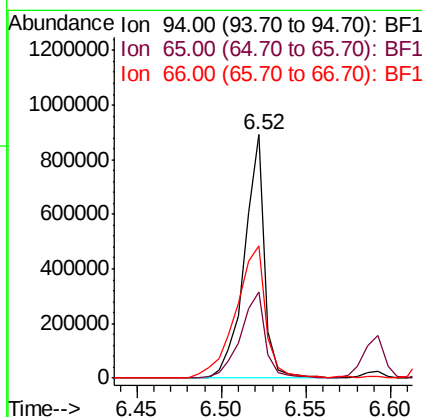
RT: 6.52 min Scan# 754

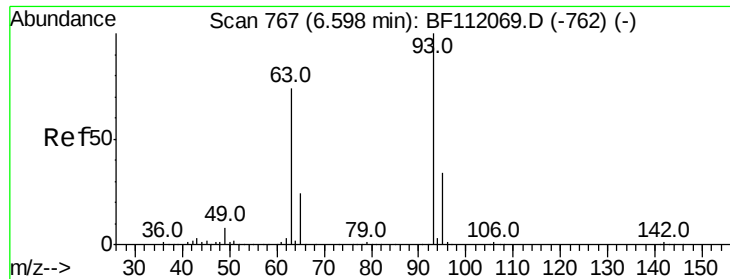
Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 742009 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 35.4  | 20.3  | 60.3   |
| 66       | 54.3  | 42.4  | 82.4   |





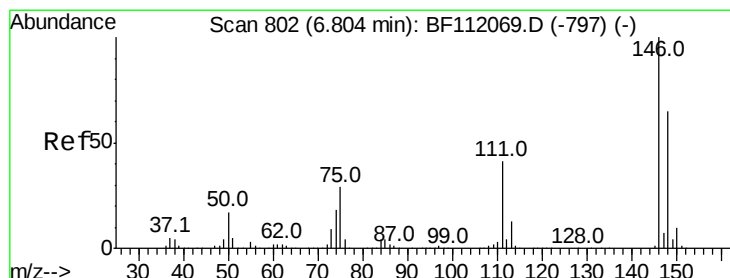
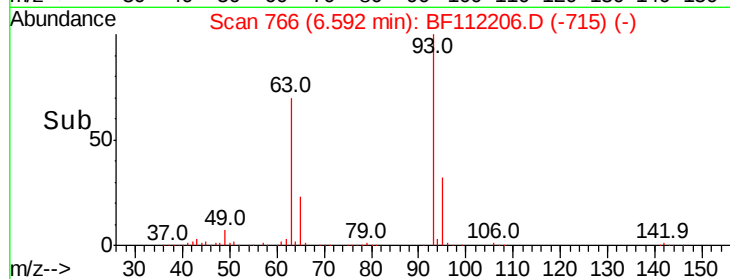
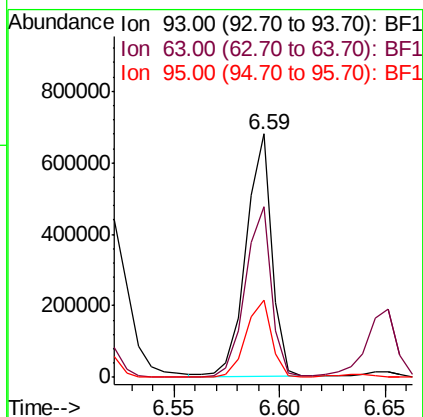
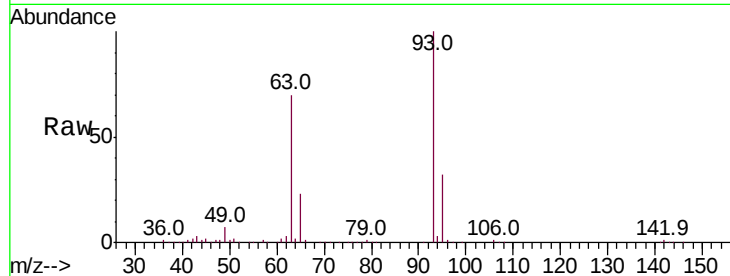
#11  
bis(2-Chloroethyl)ether  
Concen: 38.958 ng  
RT: 6.59 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 571117 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 69.9  | 53.3  | 93.3   |
| 95        | 31.9  | 13.4  | 53.4   |

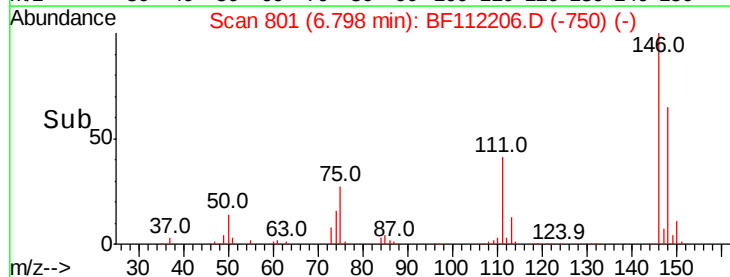
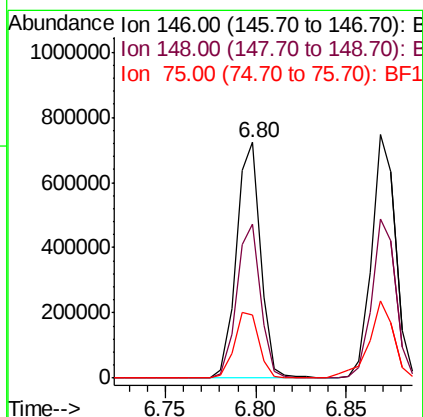
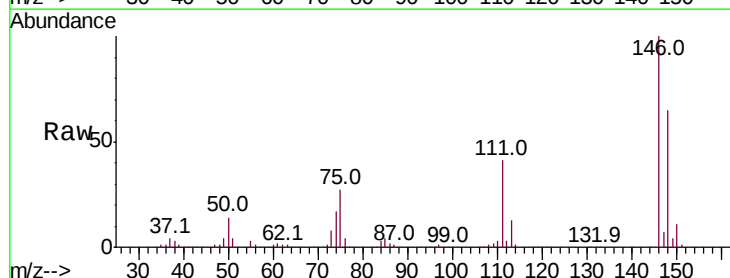
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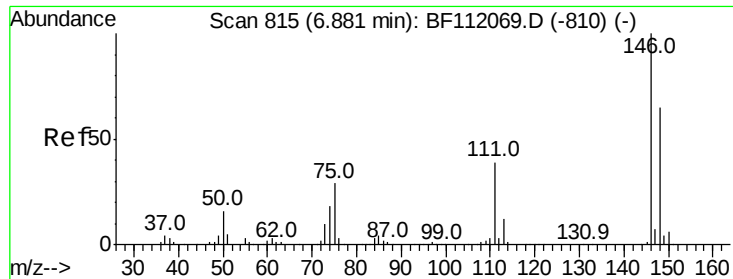
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#12  
1,3-Dichlorobenzene  
Concen: 37.551 ng  
RT: 6.80 min Scan# 801  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 671087 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.2  | 51.8  | 77.8   |
| 75        | 27.1  | 23.1  | 34.7   |





#13

1,4-Dichlorobenzene

Concen: 37.813 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

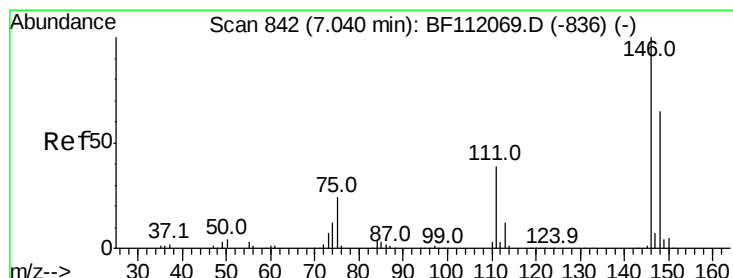
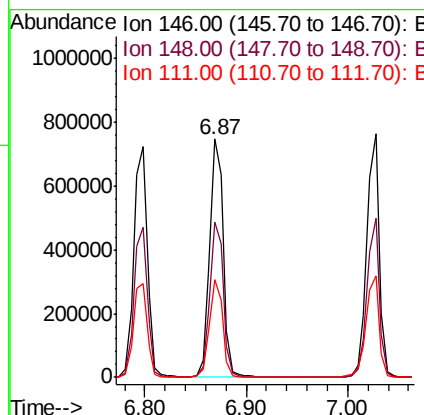
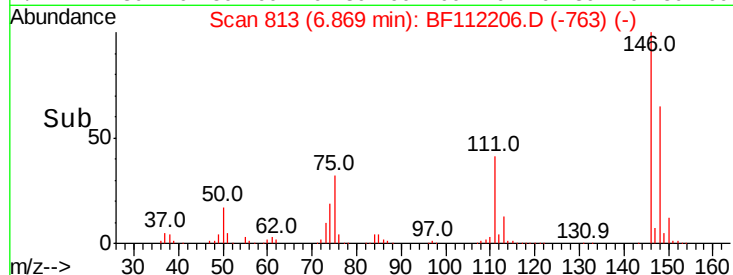
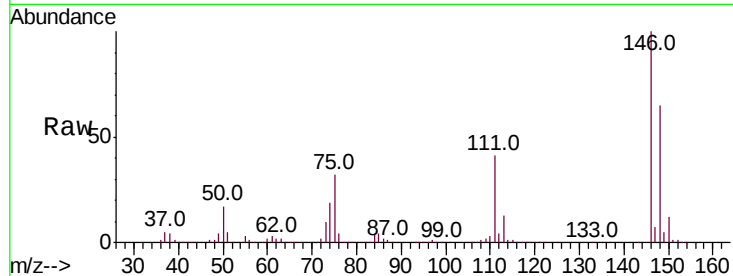
ClientSampled :

PB116593BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 691242 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.2  | 52.0  | 78.0   |
| 111       | 41.3  | 31.2  | 46.8   |

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#14

1,2-Dichlorobenzene

Concen: 38.900 ng

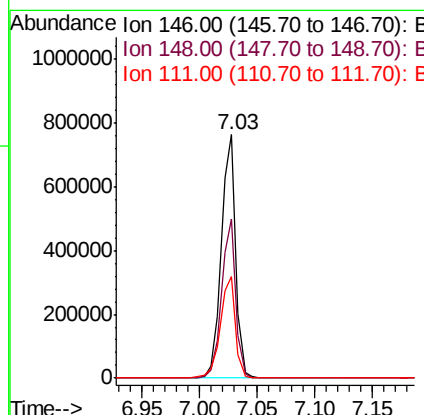
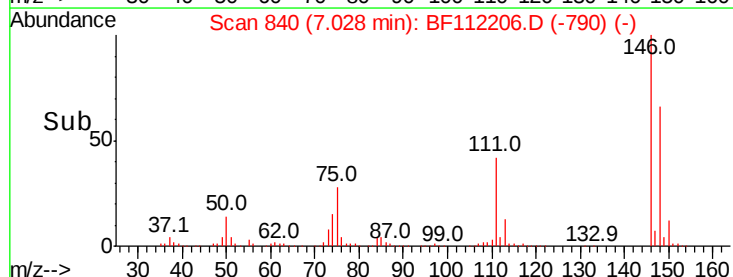
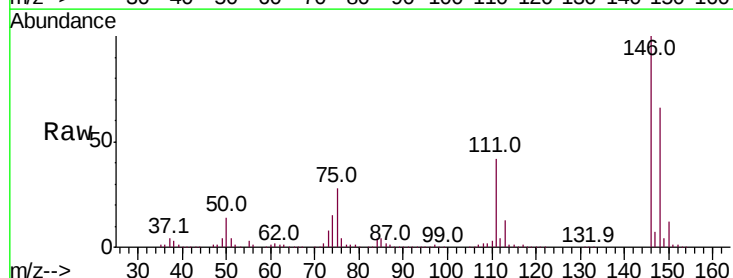
RT: 7.03 min Scan# 840

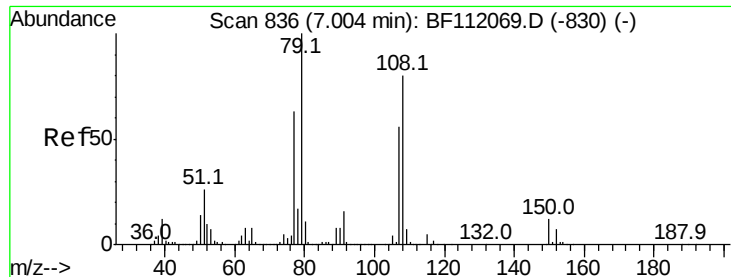
Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 655031 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.6  | 52.2  | 78.4   |
| 111       | 41.6  | 31.2  | 46.8   |





#15

Benzyl Alcohol

Concen: 43.280 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

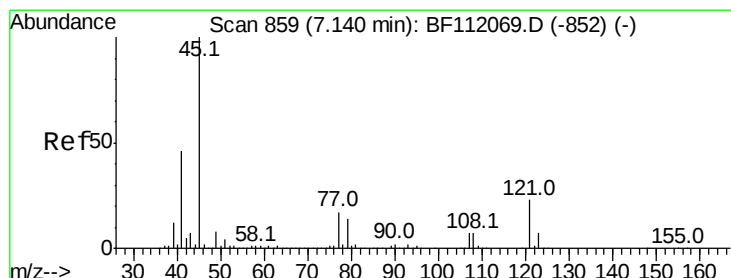
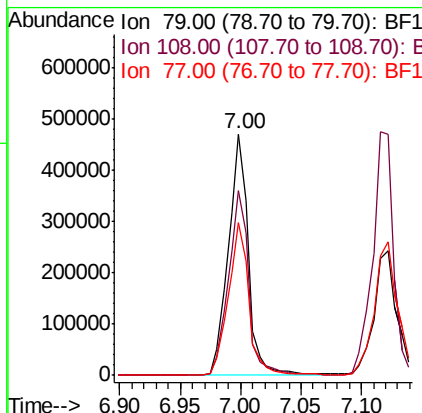
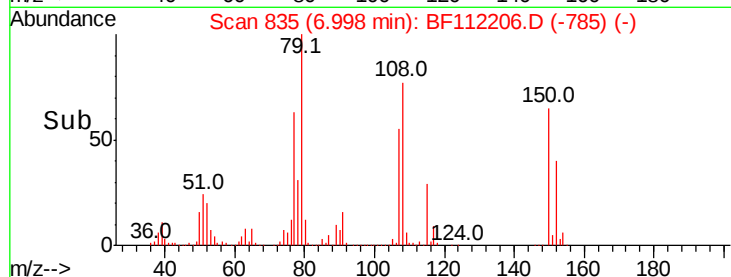
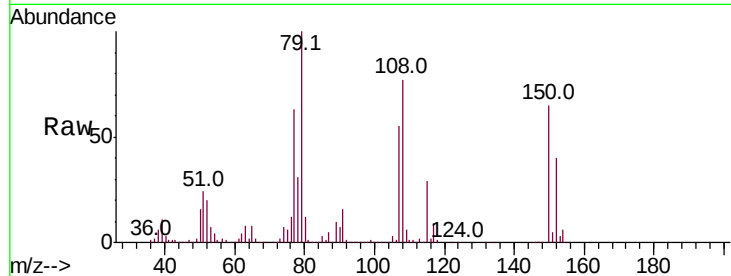
ClientSampleId :

PB116593BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 543983 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 76.7  | 64.2  | 96.2   |
| 77       | 63.3  | 50.3  | 75.5   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.930 ng

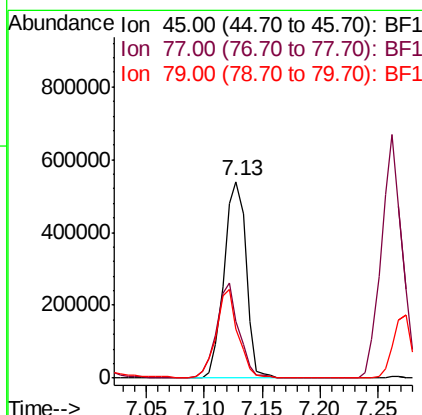
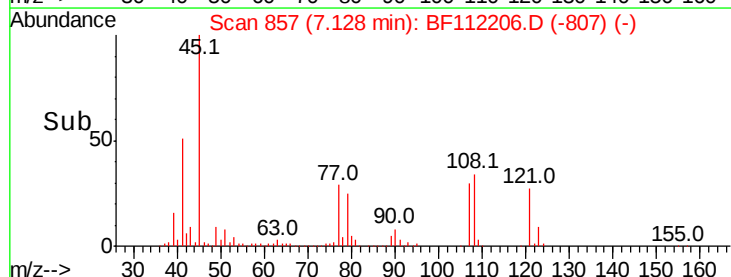
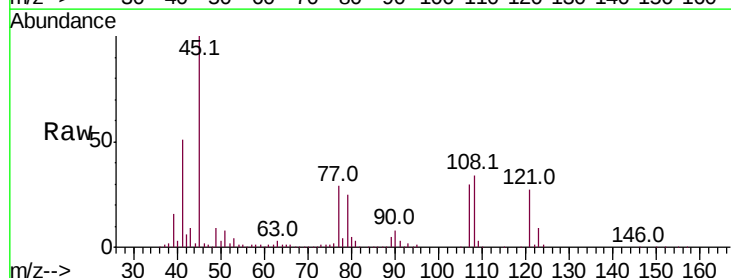
RT: 7.13 min Scan# 857

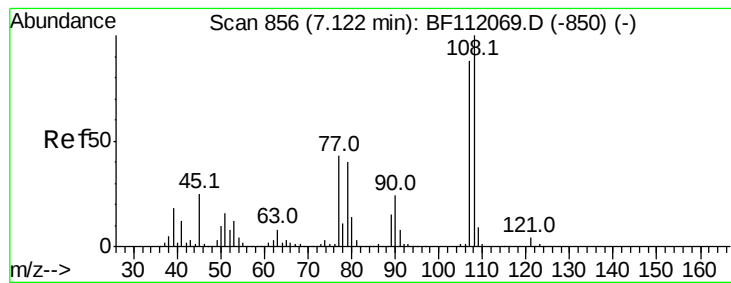
Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 717297 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 29.2  | 0.0   | 36.9   |
| 79       | 24.8  | 0.0   | 34.0   |





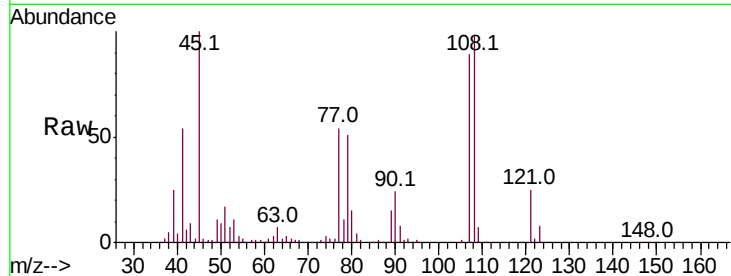
#17  
2-Methylphenol  
Concen: 43.973 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.2 | 91.3 | 136.9 |       |
| 77      | 61.3  | 39.0 | 58.6# |       |
| 79      | 57.1  | 37.0 | 55.4# |       |

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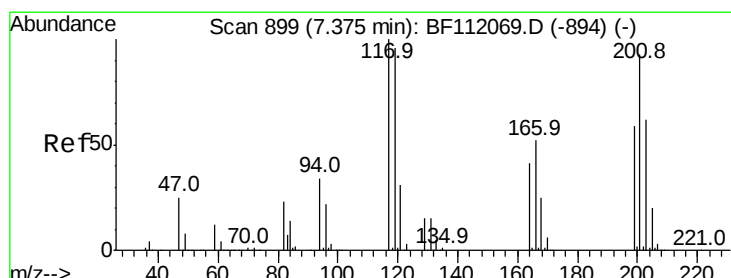
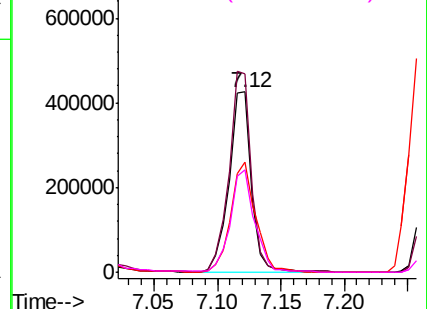
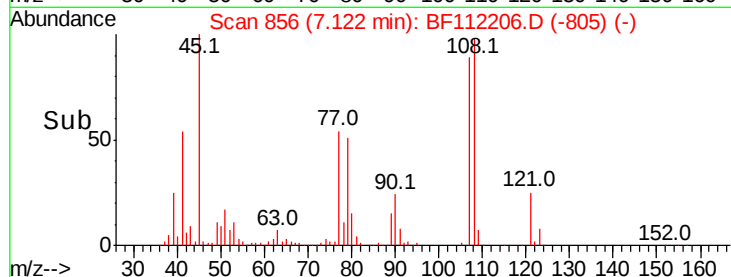
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

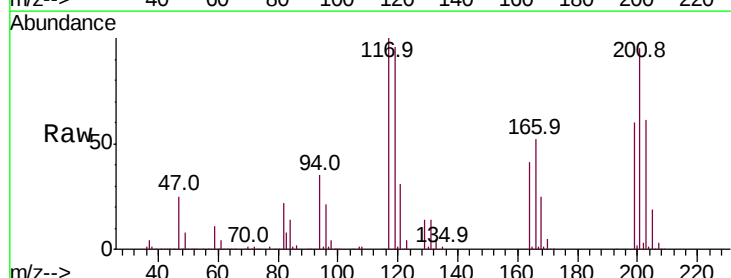
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 40.527 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.0  | 77.0 | 115.4 |       |
| 201     | 95.1  | 74.1 | 111.1 |       |

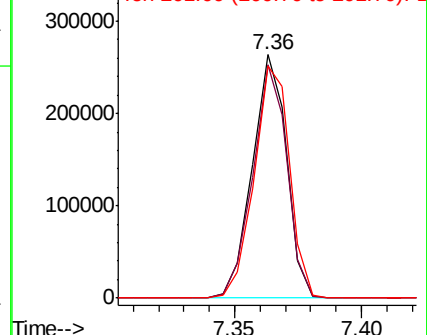
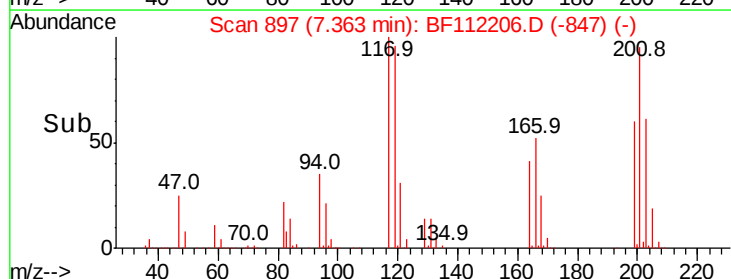


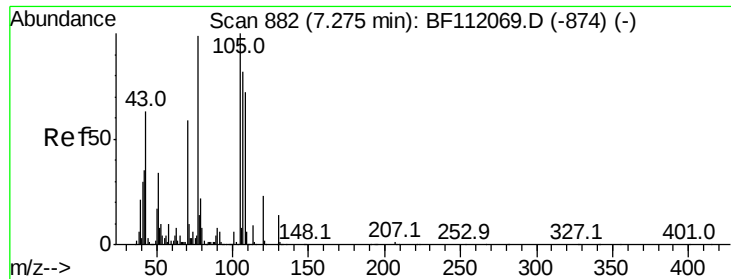
Abundance

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





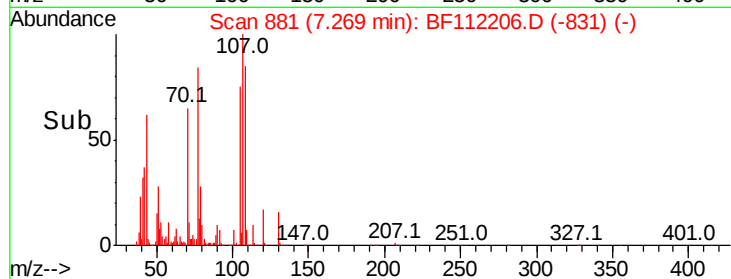
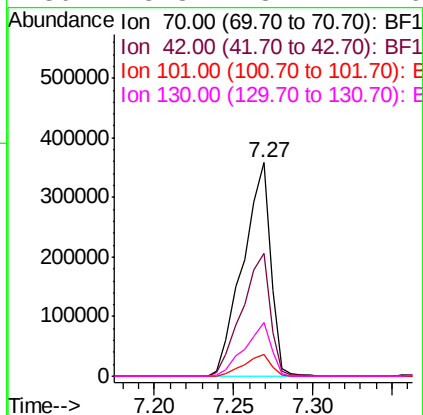
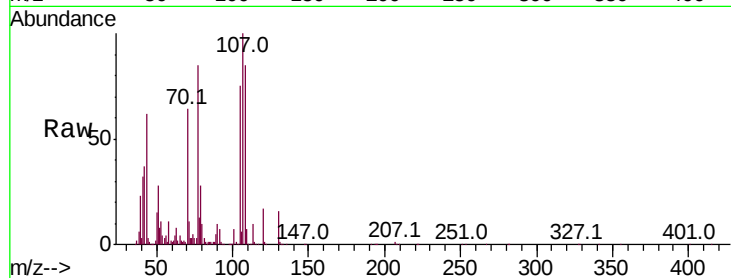
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.257 ng  
RT: 7.27 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleID :  
PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 57.3  | 47.6  | 71.4  |
| 101     | 10.5  | 7.9   | 11.9  |
| 130     | 25.3  | 18.4  | 27.6  |

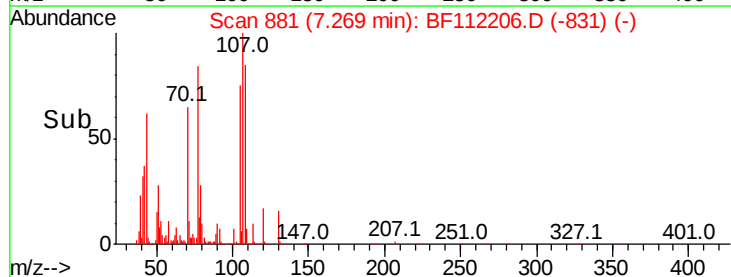
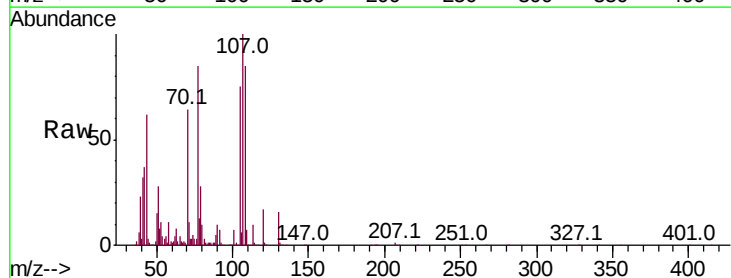
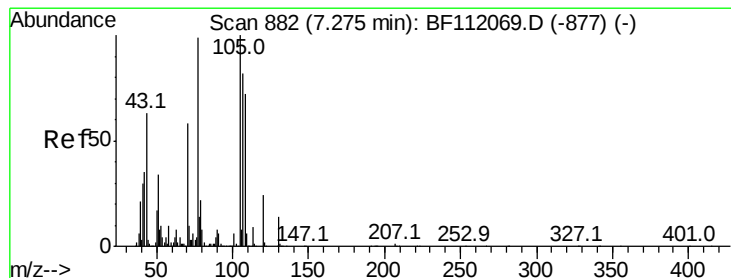
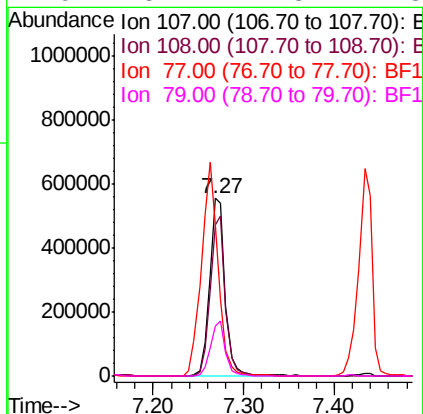
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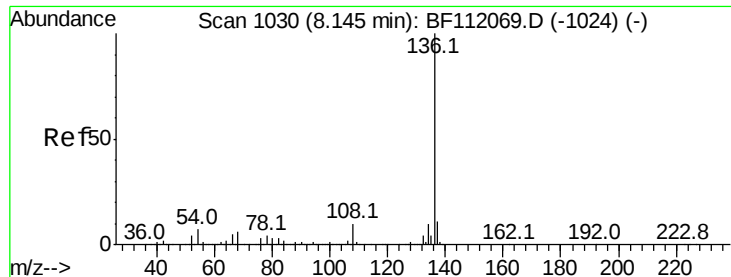
Sohil  
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#20  
3+4-Methylphenols  
Concen: 46.350 ng  
RT: 7.27 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 85.2  | 68.2  | 108.2  |
| 77      | 84.8  | 100.7 | 140.7# |
| 79      | 28.4  | 7.3   | 47.3   |





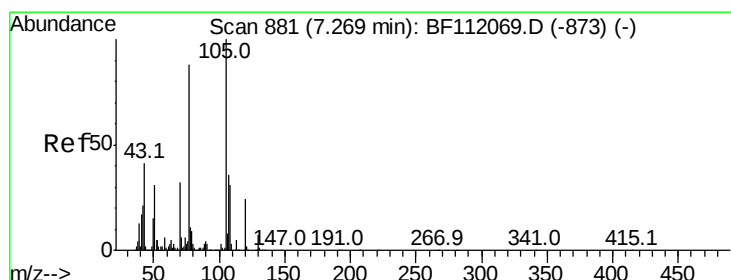
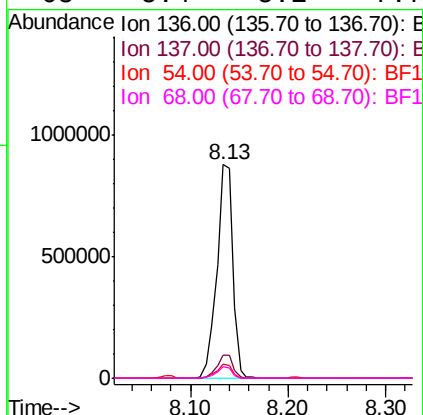
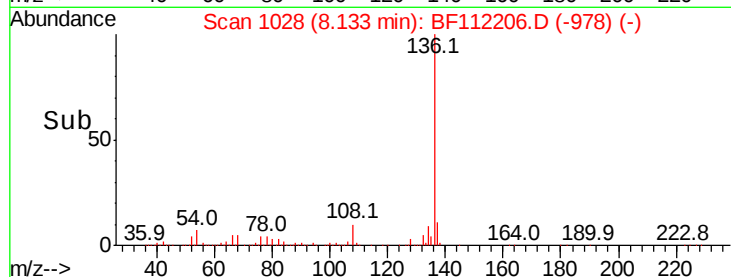
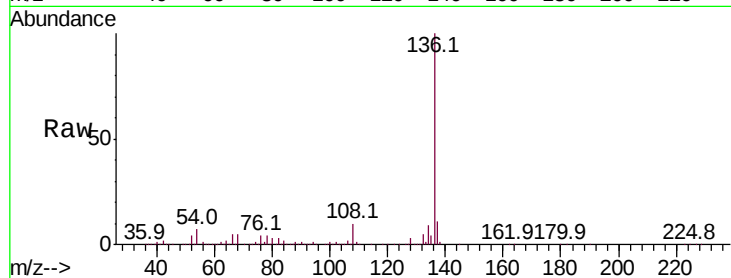
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.13 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.9  | 9.1   | 13.7  |
| 54      | 6.6   | 5.9   | 8.9   |
| 68      | 5.4   | 5.1   | 7.7   |

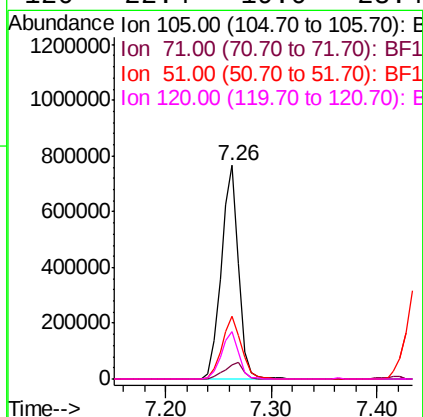
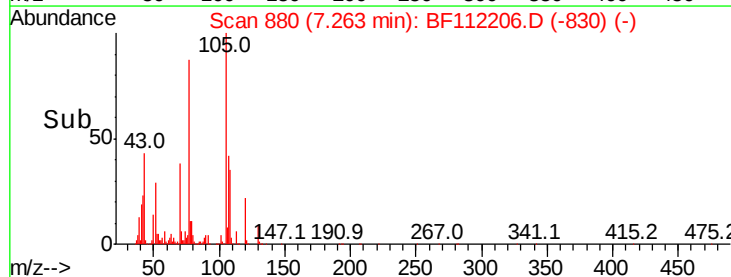
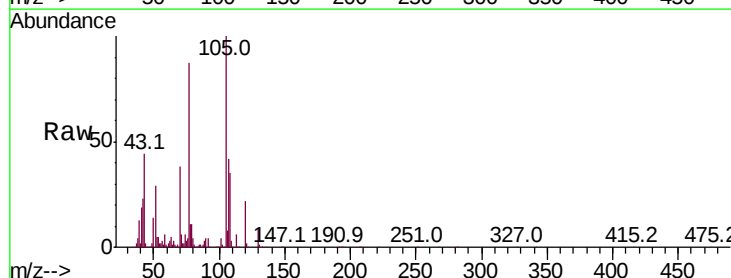
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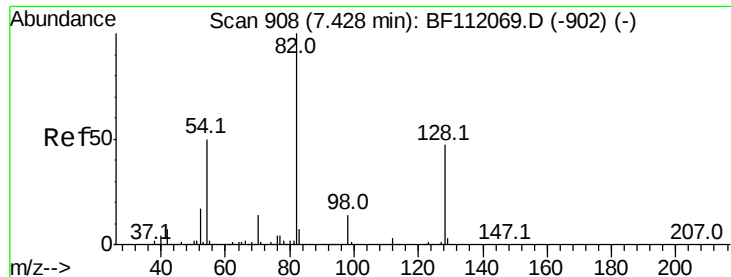
Sohil  
1/25/2019 10:04:58 AM



#22  
Acetophenone  
Concen: 37.714 ng  
RT: 7.26 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 6.4   | 4.6   | 6.8   |
| 51      | 29.1  | 25.0  | 37.6  |
| 120     | 22.4  | 19.0  | 28.4  |





#23

Nitrobenzene-d5

Concen: 91.776 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

ClientSampled :

PB116593BS

Tot Ion: 82 Resp: 1331187

Ion Ratio Lower Upper

82 100

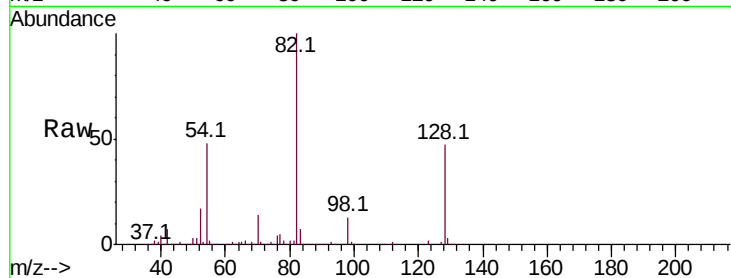
128 46.9 37.8 56.8

54 48.1 39.7 59.5

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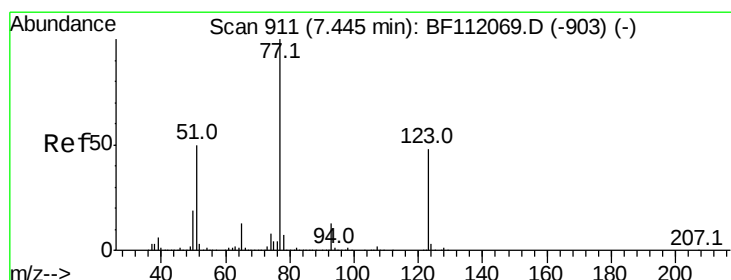
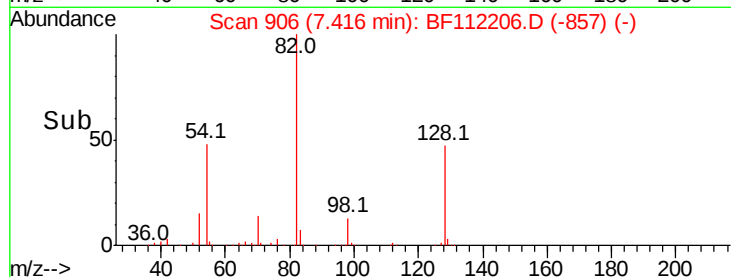
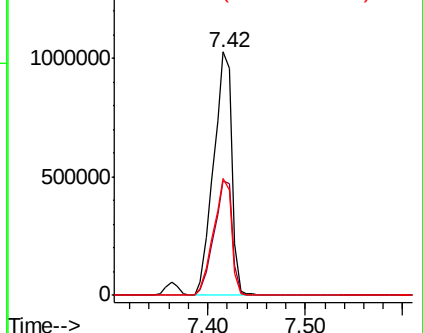
1/25/2019 10:04:58 AM



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: 42.860 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

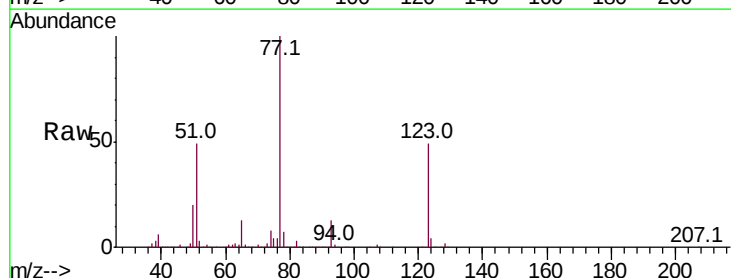
Tgt Ion: 77 Resp: 658858

Ion Ratio Lower Upper

77 100

123 48.6 38.4 57.6

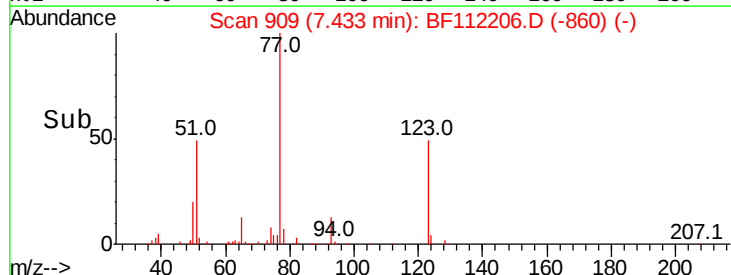
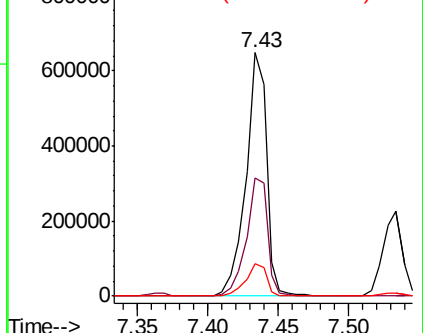
65 13.4 10.6 15.8

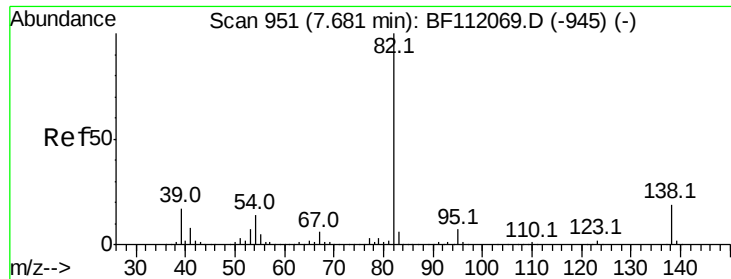


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.139 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

ClientSampleId :

PB116593BS

Tot Ion: 82 Resp: 1180568

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

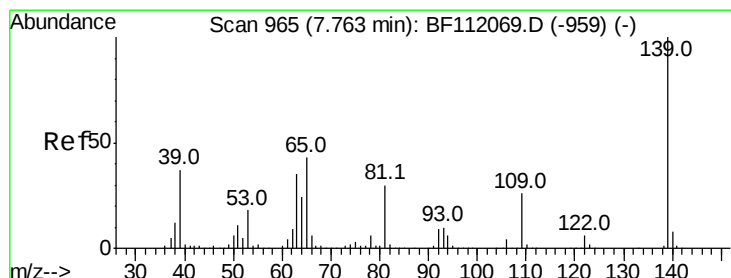
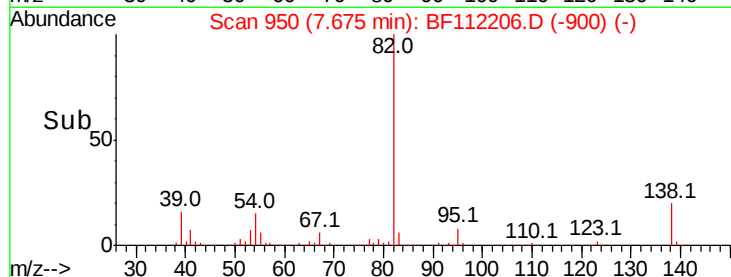
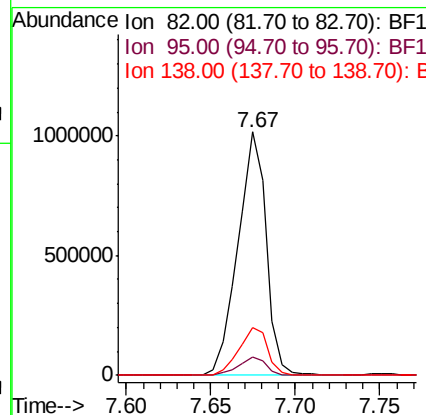
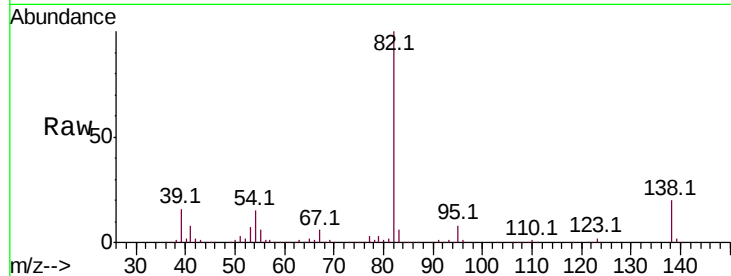
138 19.7 15.4 23.0

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#26

2-Nitrophenol

Concen: 47.088 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

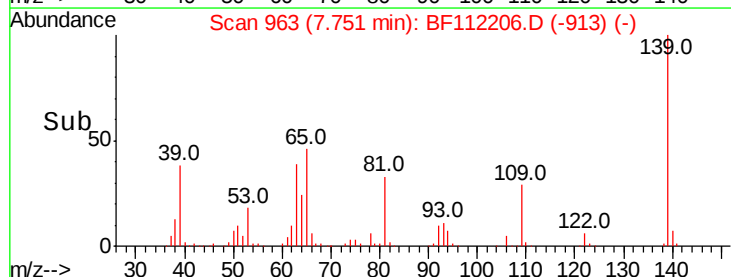
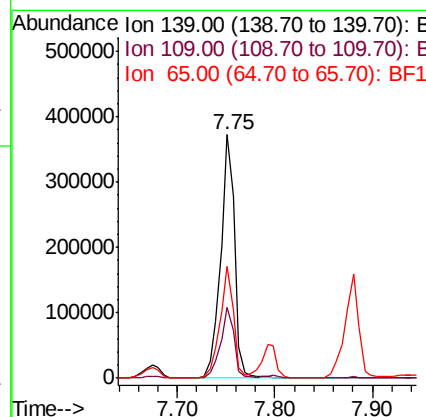
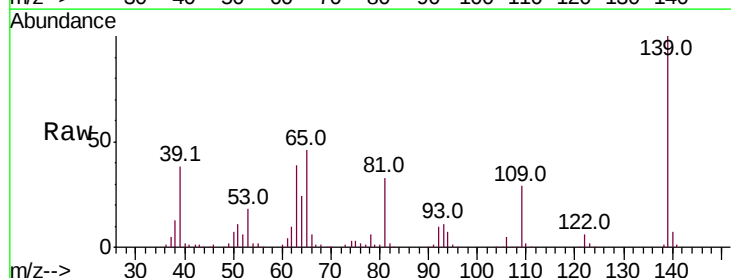
Tgt Ion: 139 Resp: 370821

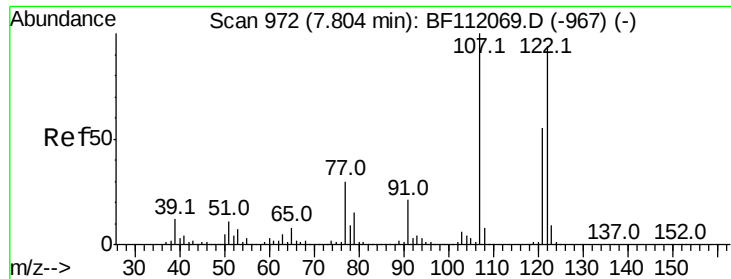
Ion Ratio Lower Upper

139 100

109 29.1 20.8 31.2

65 45.9 34.4 51.6





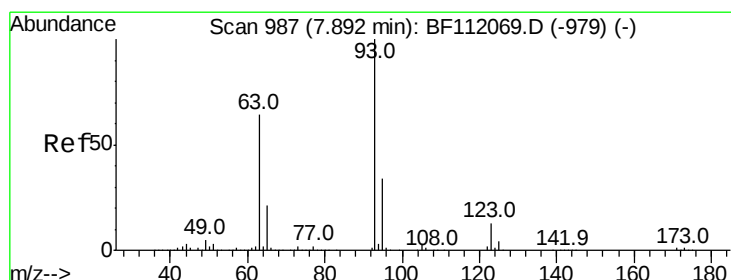
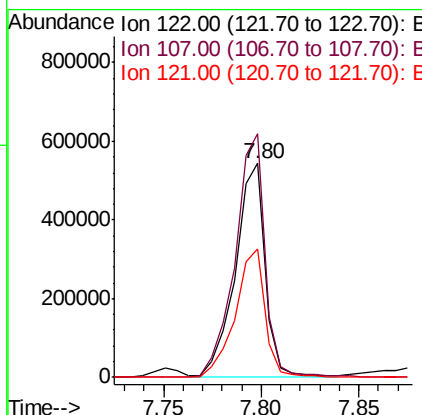
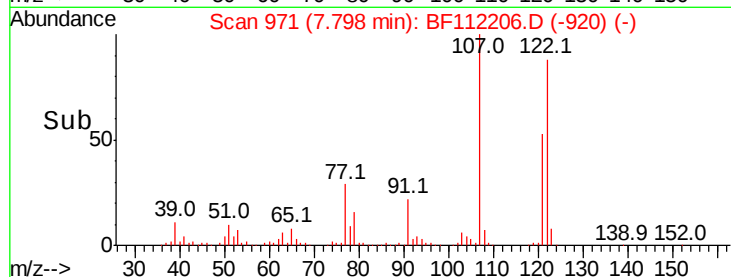
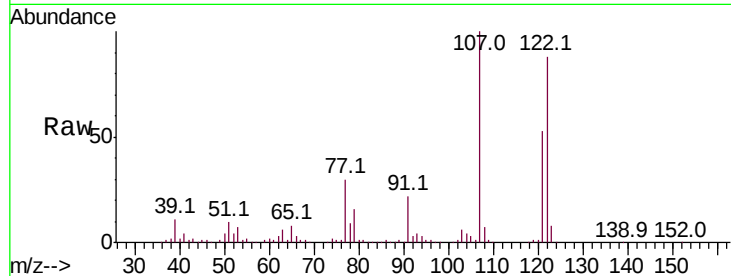
#27  
2,4-Dimethylphenol  
Concen: 44.327 ng  
RT: 7.80 min Scan# 971  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.8 | 85.4  | 128.0 |
| 121     | 60.2  | 47.0  | 70.4  |

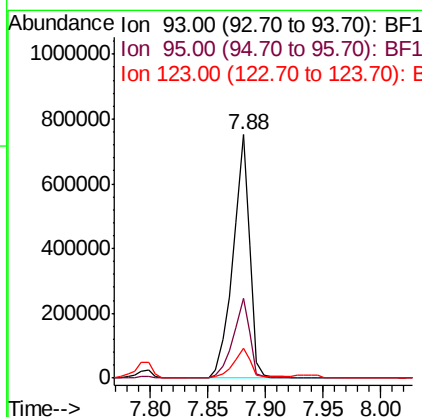
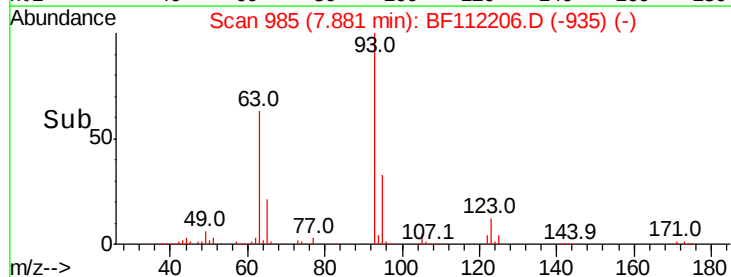
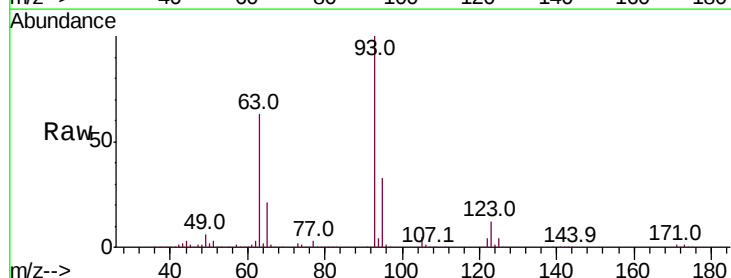
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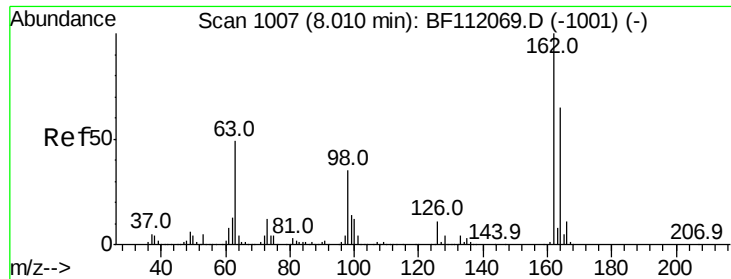
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#28  
bis(2-Chloroethoxy)methane  
Concen: 38.908 ng  
RT: 7.88 min Scan# 985  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.8  | 40.2  |
| 123     | 12.3  | 10.2  | 15.2  |





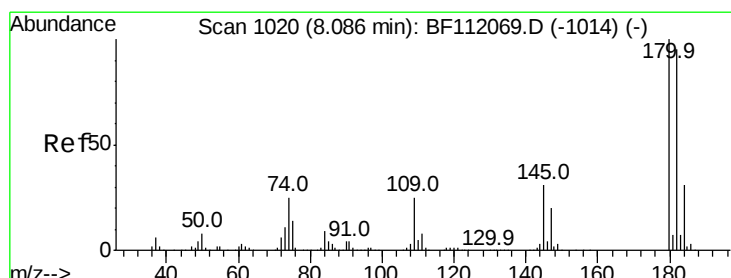
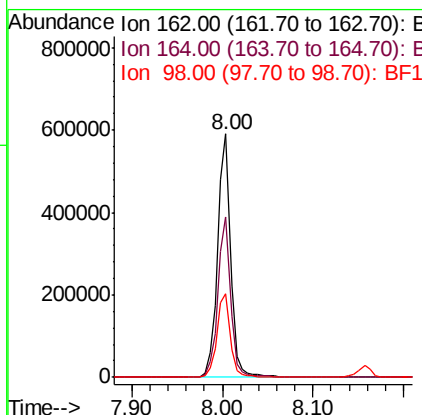
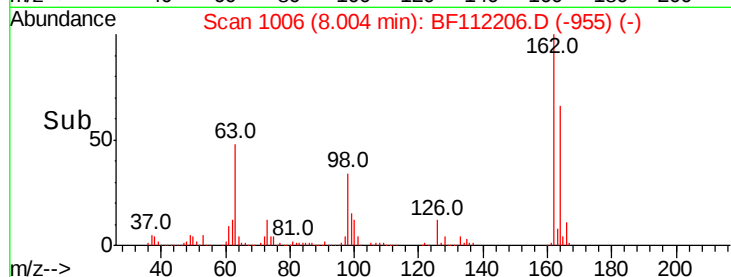
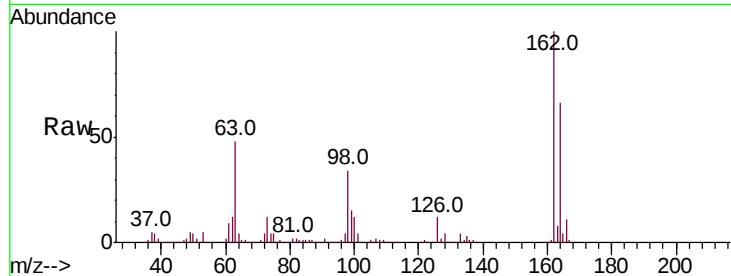
#29  
2,4-Dichlorophenol  
Concen: 41.201 ng  
RT: 8.00 min Scan# 1006  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 164     | 65.7  | 44.6 | 84.6  |       |
| 98      | 34.4  | 14.6 | 54.6  |       |

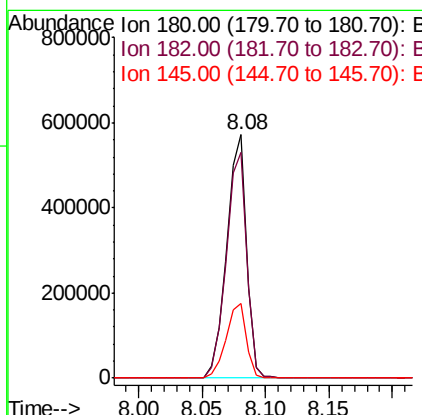
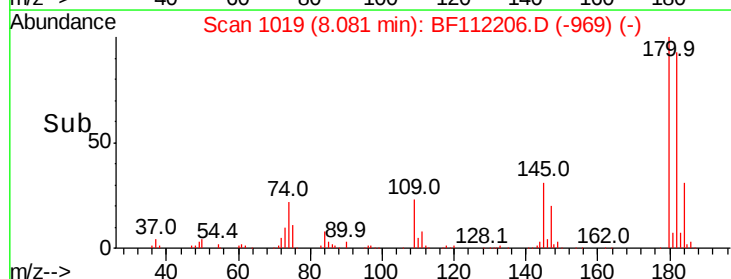
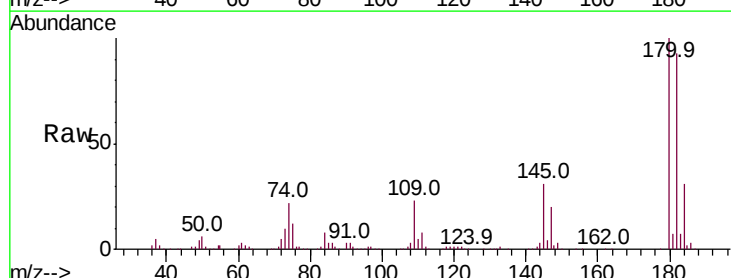
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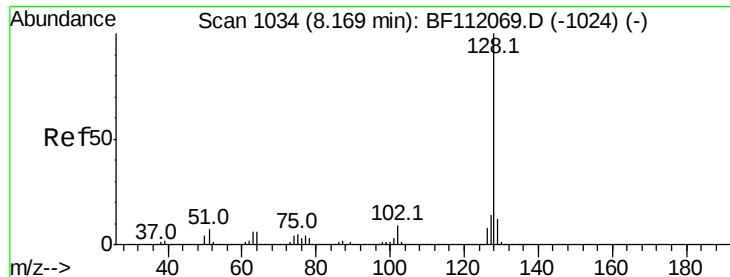
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#30  
1,2,4-Trichlorobenzene  
Concen: 37.455 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 92.8  | 76.4 | 114.6 |       |
| 145     | 30.7  | 25.0 | 37.4  |       |





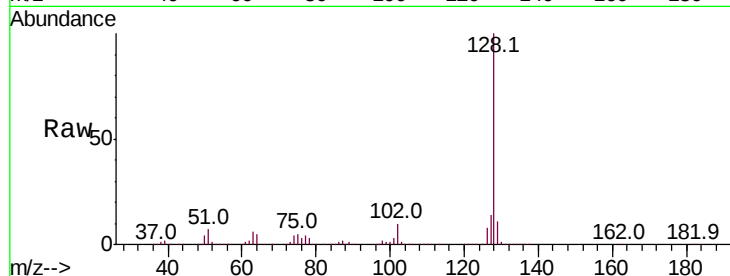
#31  
Naphthalene  
Concen: 41.233 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

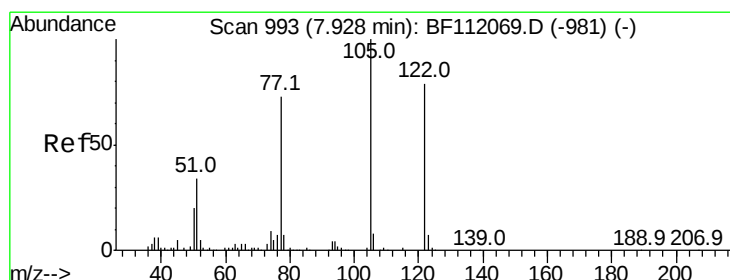
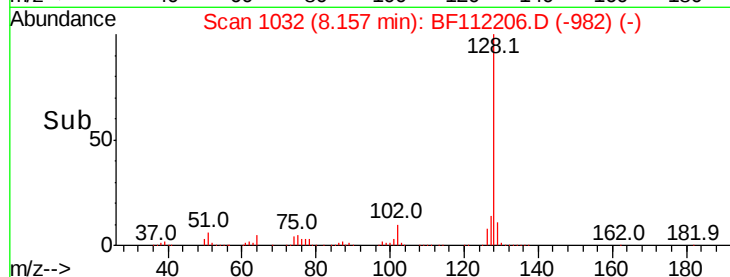
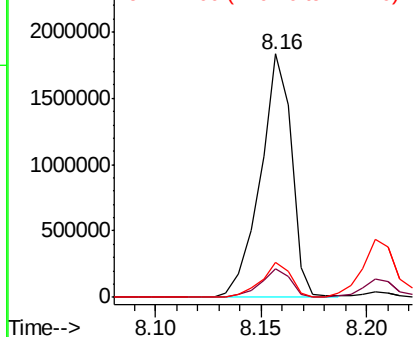
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 9.6   | 14.4  |
| 127     | 14.3  | 11.1  | 16.7  |

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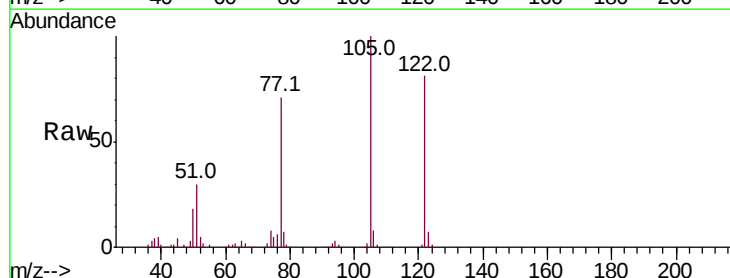


Abundance Ion 128.00 (127.70 to 128.70): E  
2500000  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

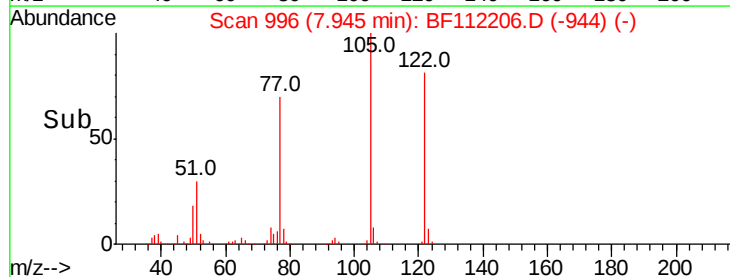
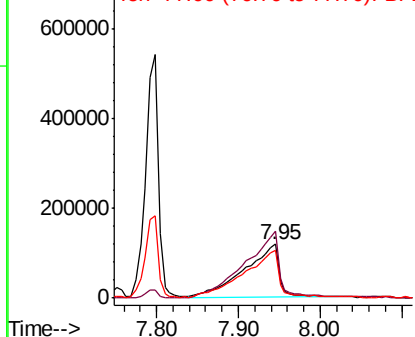


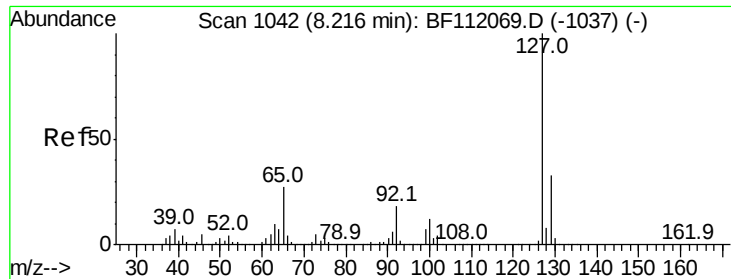
#32  
Benzoic acid  
Concen: 55.526 ng  
RT: 7.95 min Scan# 996  
Delta R.T. 0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 123.8 | 101.2 | 141.2 |
| 77      | 88.2  | 70.4  | 110.4 |



Abundance Ion 122.00 (121.70 to 122.70): E  
600000  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1





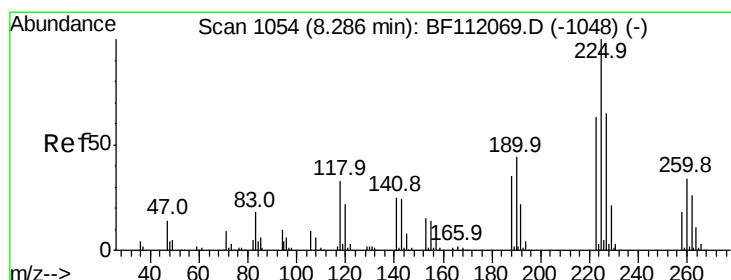
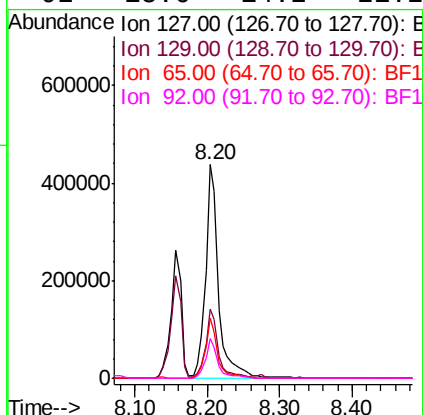
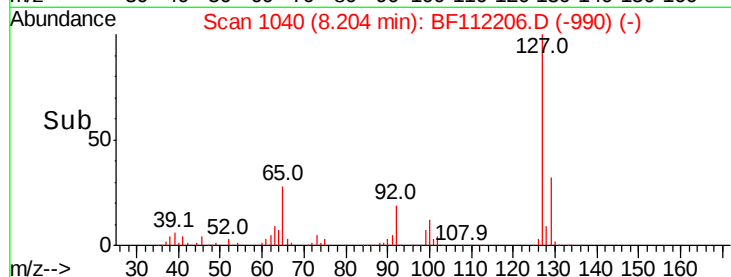
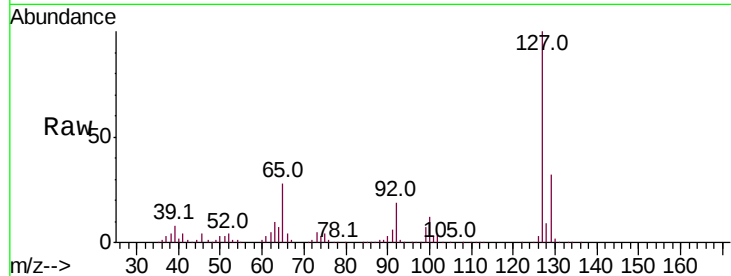
#33  
4-Chloroaniline  
Concen: 26.635 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.3  | 26.6 | 39.8  |       |
| 65      | 28.5  | 21.4 | 32.2  |       |
| 92      | 18.6  | 14.2 | 21.2  |       |

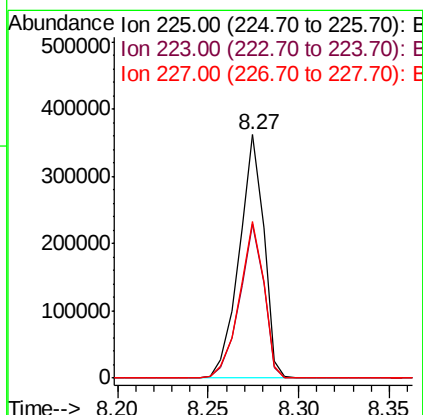
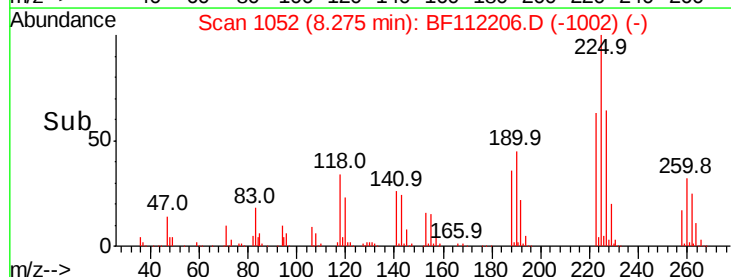
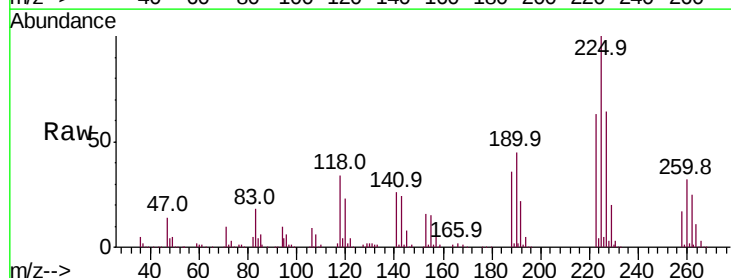
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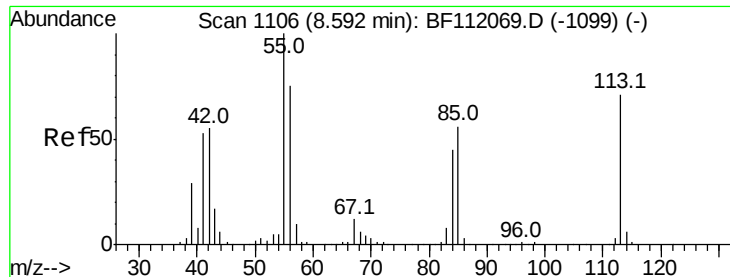
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#34  
Hexachlorobutadiene  
Concen: 37.114 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.4  | 50.3 | 75.5  |       |
| 227     | 64.2  | 51.8 | 77.8  |       |





#35

Caprolactam

Concen: 38.053 ng/ml

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

ClientSampleId :

PB116593BS

Tot Ion:113 Resp: 189206

Ion Ratio Lower Upper

113 100

55 143.2 121.6 161.6

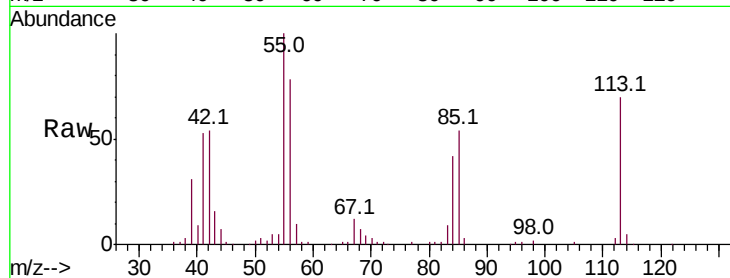
56 111.1 86.7 126.7

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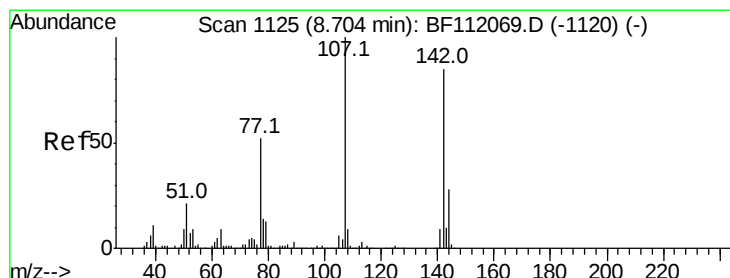
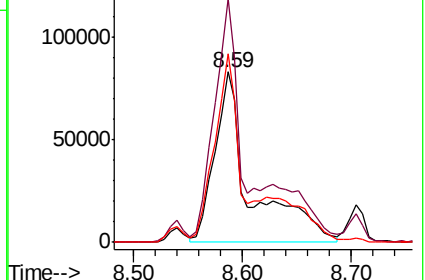
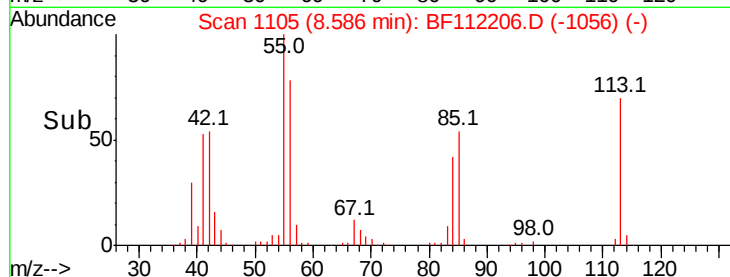
1/25/2019 10:04:58 AM



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: 44.420 ng/ml

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

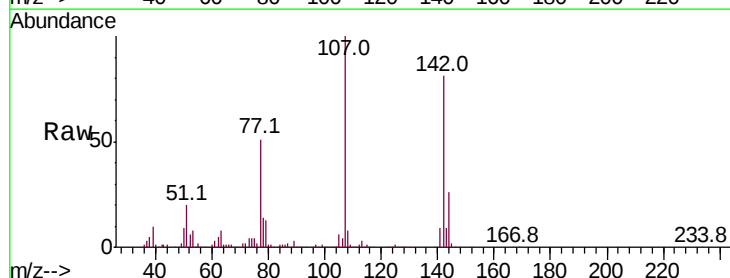
Tgt Ion:107 Resp: 616341

Ion Ratio Lower Upper

107 100

144 26.3 22.2 33.2

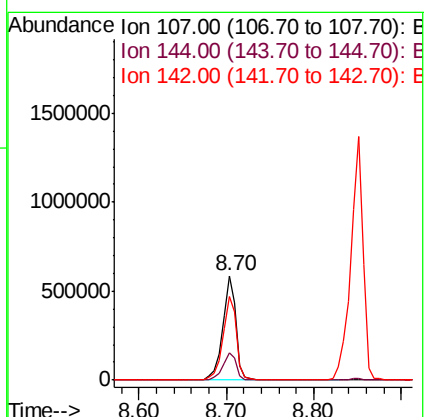
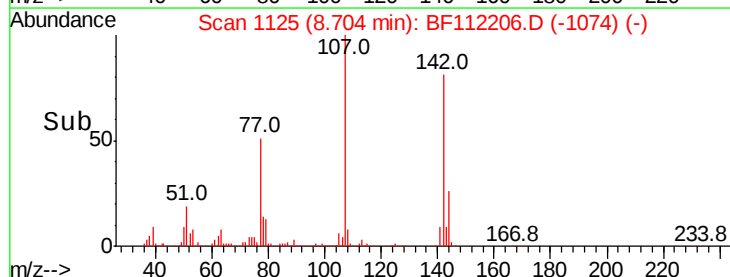
142 80.7 67.7 101.5

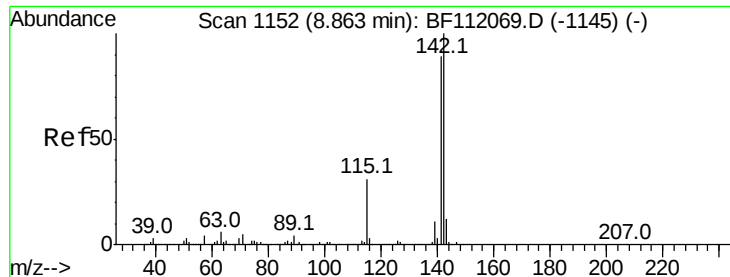


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





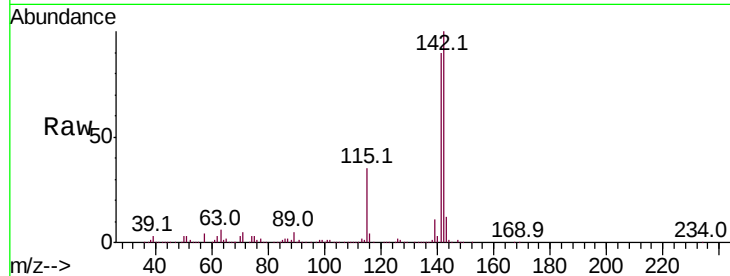
#37  
2-Methylnaphthalene  
Concen: 43.507 ng  
RT: 8.85 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

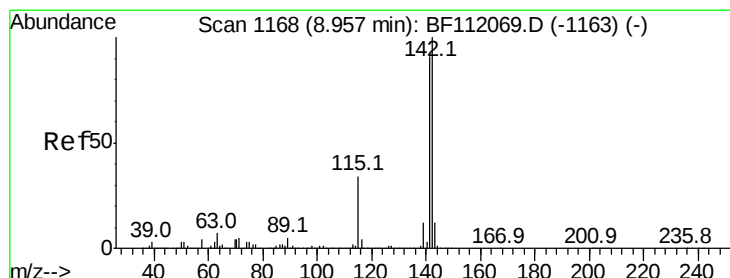
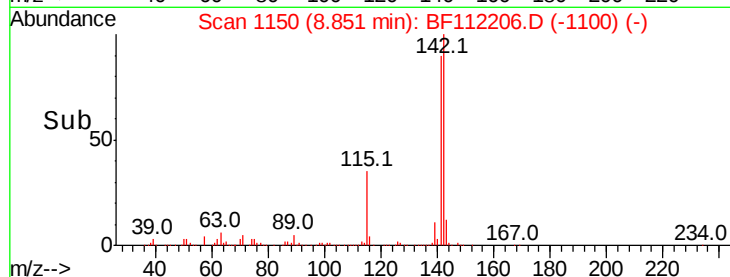
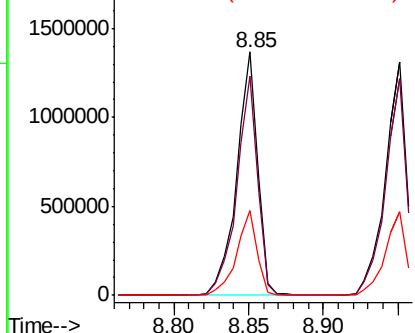
Tot Ion:142 Resp: 1346567  
Ion Ratio Lower Upper  
142 100  
141 89.9 70.9 106.3  
115 35.0 24.9 37.3

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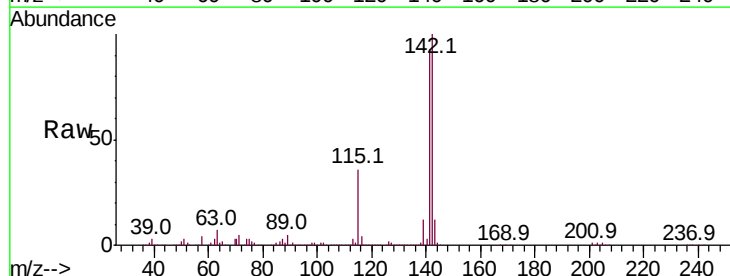


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

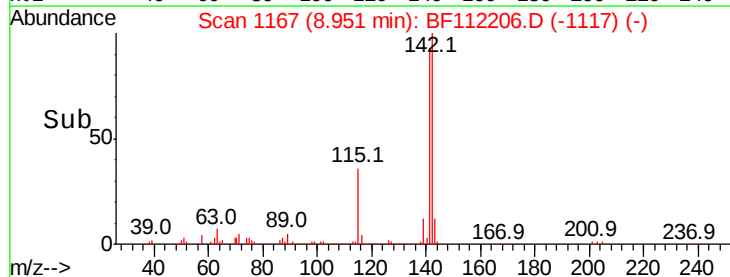
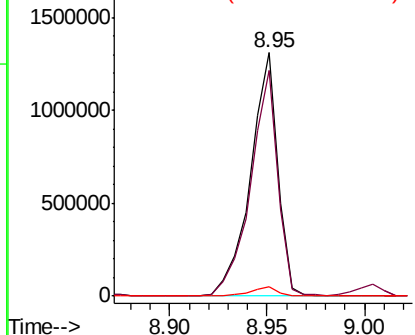


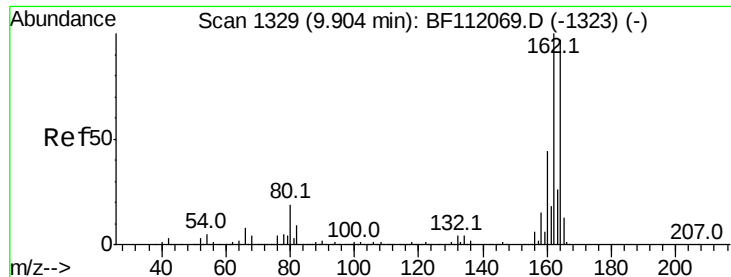
#38  
1-Methylnaphthalene  
Concen: 42.576 ng  
RT: 8.95 min Scan# 1167  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Tgt Ion:142 Resp: 1266432  
Ion Ratio Lower Upper  
142 100  
141 92.7 72.6 108.8  
116 3.8 2.8 4.2



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





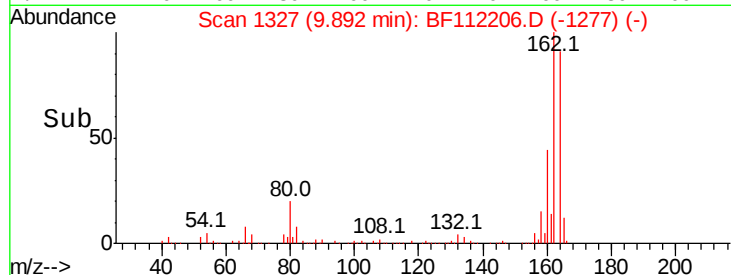
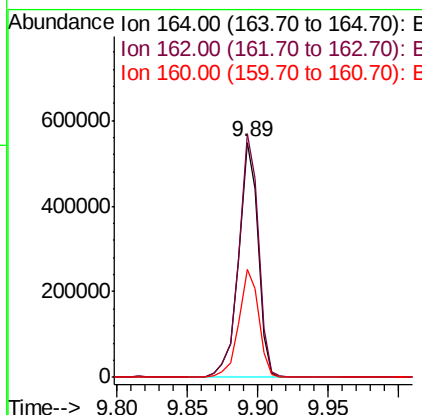
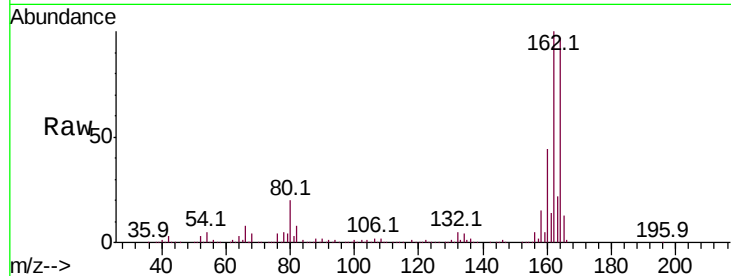
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.89 min Scan# 1327  
 Delta R.T. -0.01 min  
 Lab File: BF112206.D  
 Acq: 24 Jan 2019 13:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.5 | 82.2  | 123.4 |
| 160     | 45.7  | 36.2  | 54.4  |

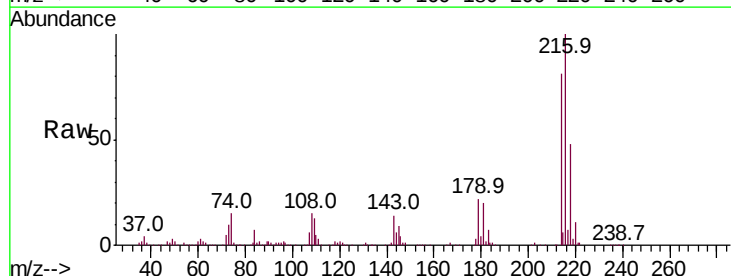
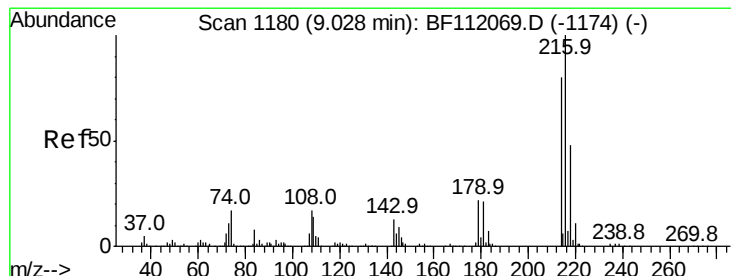
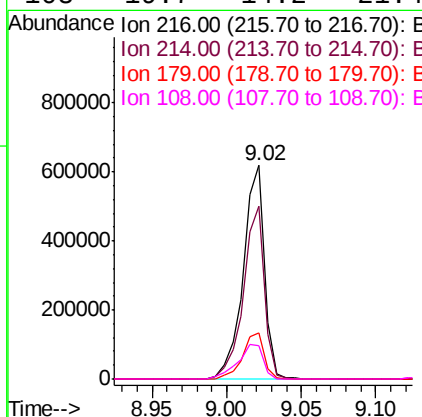
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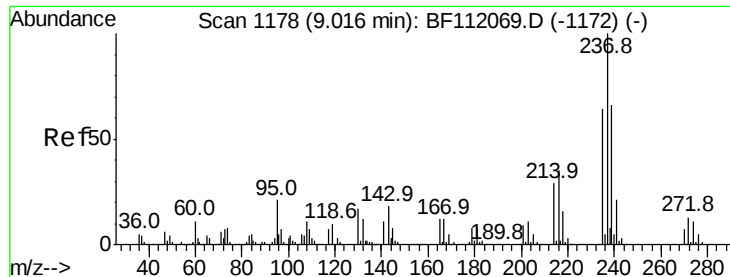
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#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.104 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: BF112206.D  
 Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.1  | 63.8  | 95.6  |
| 179     | 22.0  | 16.9  | 25.3  |
| 108     | 19.7  | 14.2  | 21.4  |





#41

Hexachlorocyclopentadiene

Concen: 68.216 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

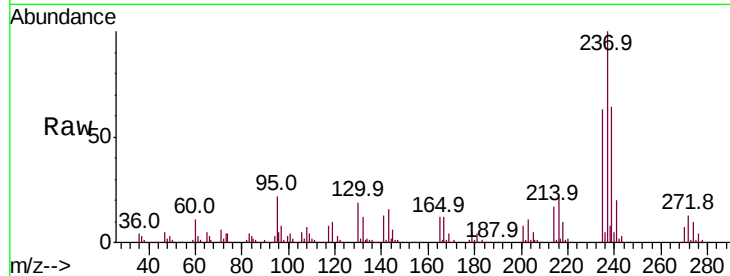
ClientSampleId :

PB116593BS

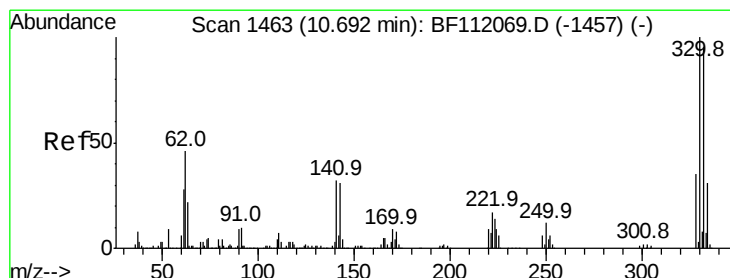
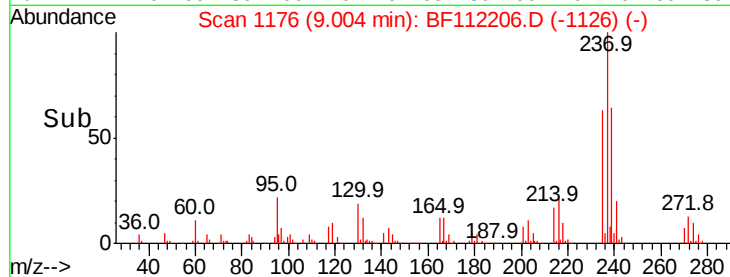
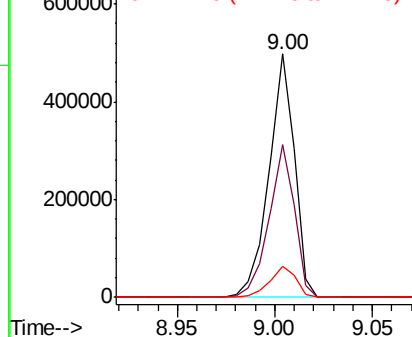
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 451822 |       |       |
| 235     | 62.8  | 44.0   | 84.0  |       |
| 272     | 13.0  | 0.0    | 33.3  |       |

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



#42

2,4,6-Tribromophenol

Concen: 140.789 ng

RT: 10.69 min Scan# 1463

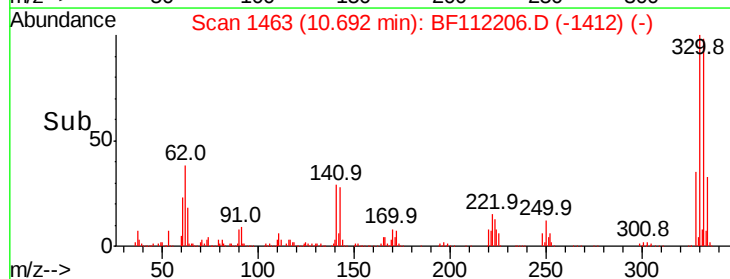
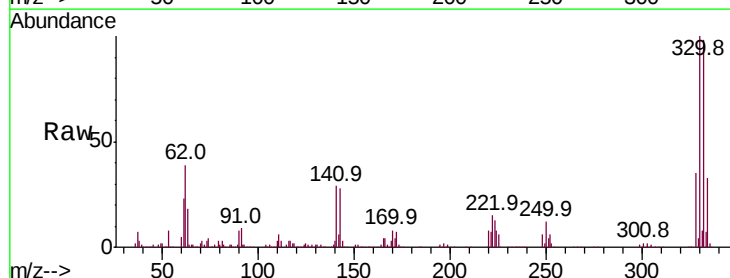
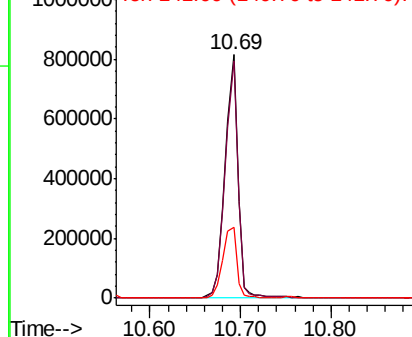
Delta R.T. 0.00 min

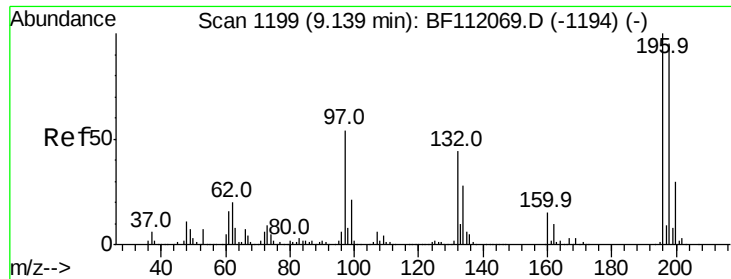
Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 799104 |       |       |
| 332     | 97.7  | 76.6   | 114.8 |       |
| 141     | 31.9  | 24.3   | 36.5  |       |

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





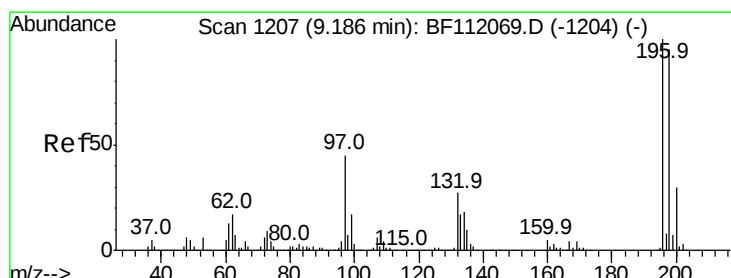
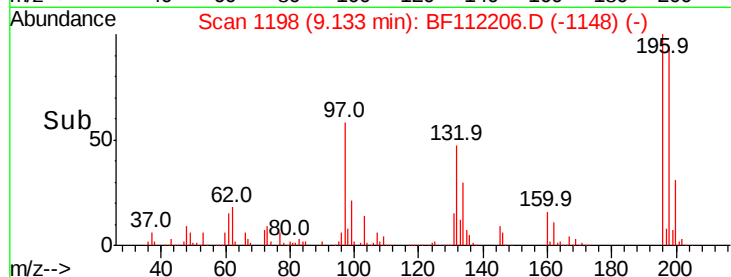
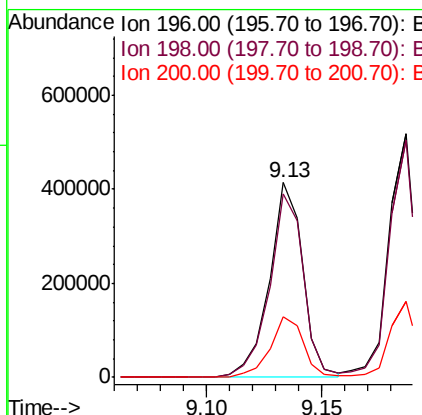
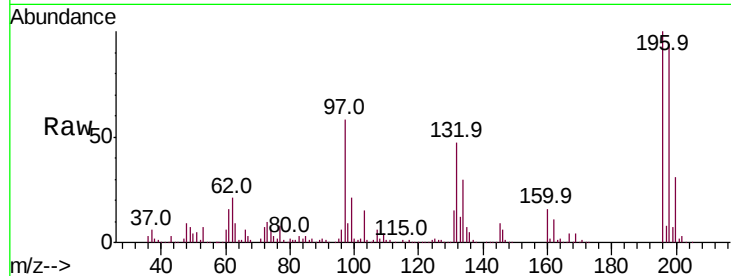
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.204 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: BF112206.D  
 Acq: 24 Jan 2019 13:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116593BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 416454 |       |       |
| 198     | 94.0  | 76.2   | 114.4 |       |
| 200     | 31.0  | 24.3   | 36.5  |       |

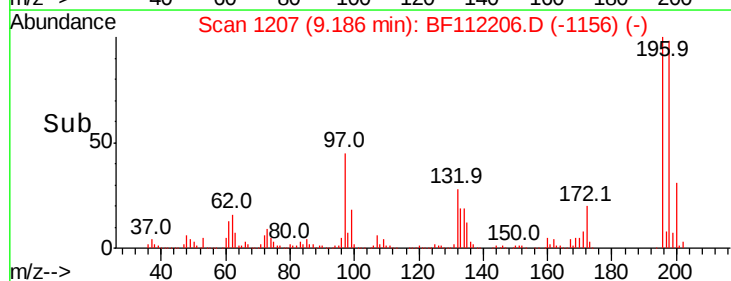
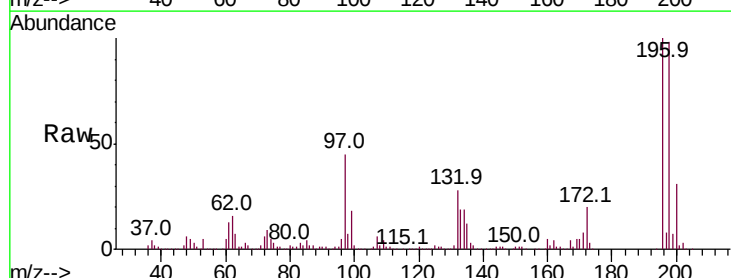
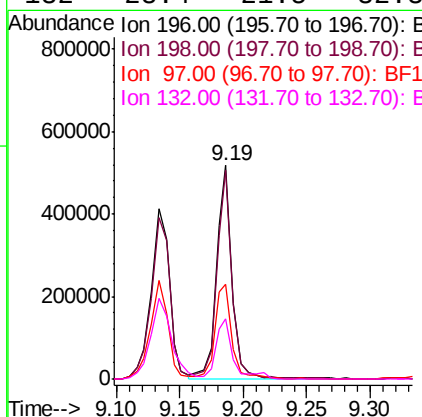
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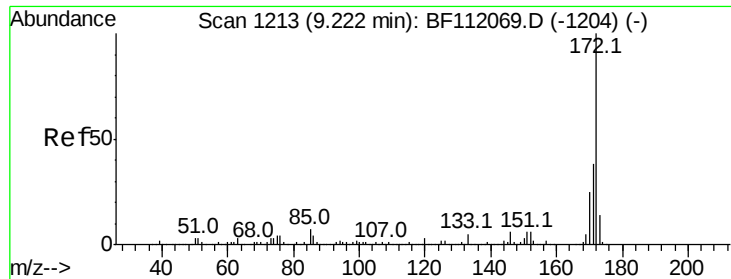
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#44  
 2,4,5-Trichlorophenol  
 Concen: 41.200 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. 0.00 min  
 Lab File: BF112206.D  
 Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 443500 |       |       |
| 198     | 97.5  | 76.0   | 114.0 |       |
| 97      | 44.6  | 36.4   | 54.6  |       |
| 132     | 28.4  | 21.5   | 32.3  |       |





#45  
 2-Fluorobiphenyl  
 Concen: 74.356 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. 0.00 min  
 Lab File: BF112206.D  
 Acq: 24 Jan 2019 13:56

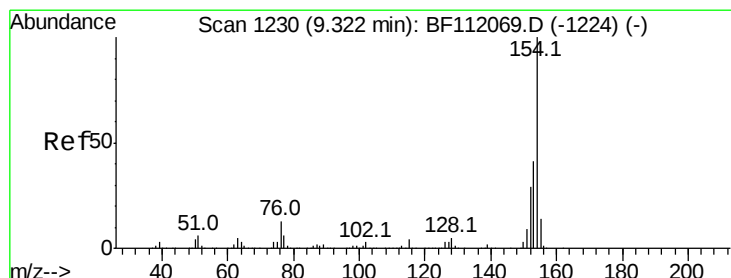
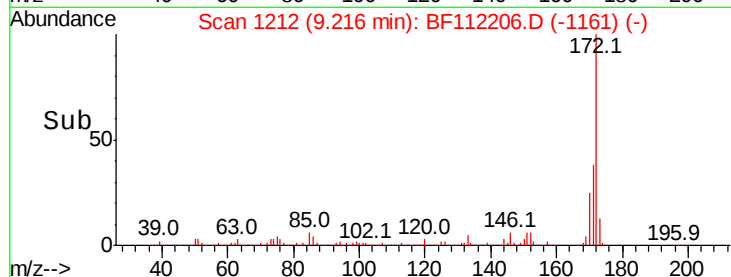
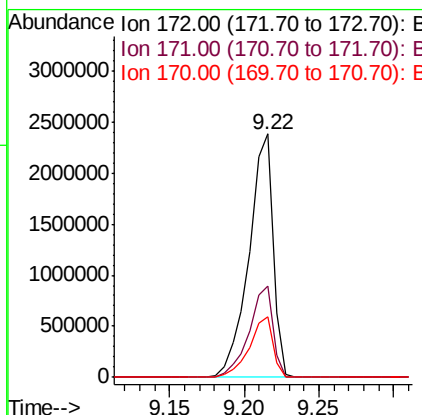
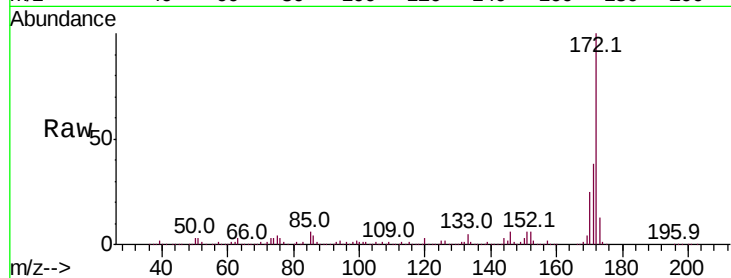
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116593BS

Tot Ion:172 Resp: 2668413  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.7  | 30.5  | 45.7  |
| 170 | 24.9  | 20.2  | 30.4  |

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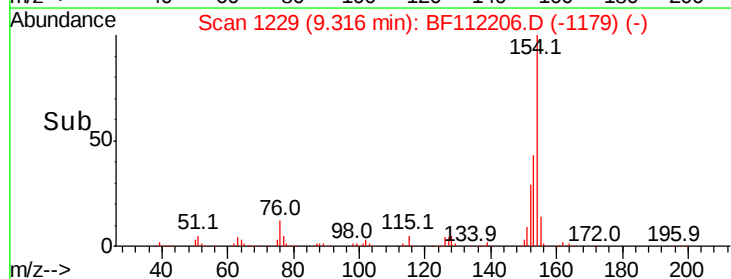
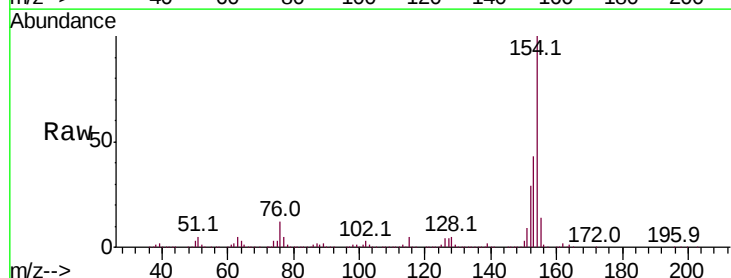
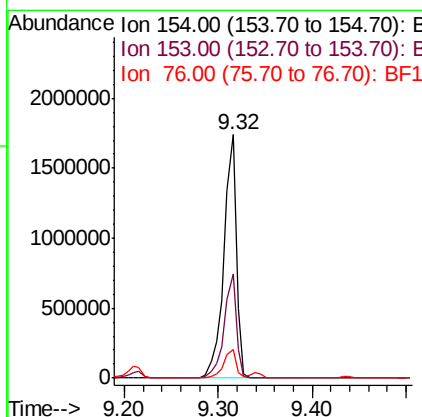
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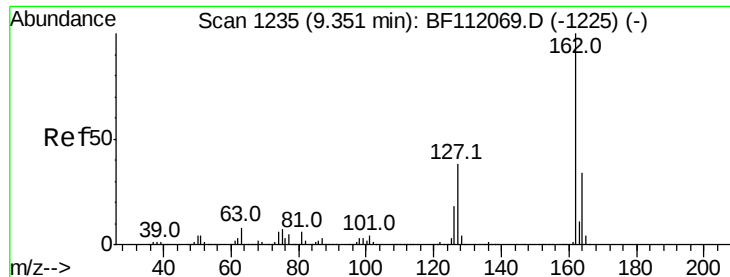


#46  
 1,1'-Biphenyl  
 Concen: 36.773 ng  
 RT: 9.32 min Scan# 1229  
 Delta R.T. -0.01 min  
 Lab File: BF112206.D  
 Acq: 24 Jan 2019 13:56

Tgt Ion:154 Resp: 1617791  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.7  | 21.5  | 61.5  |
| 76  | 11.7  | 0.0   | 33.1  |





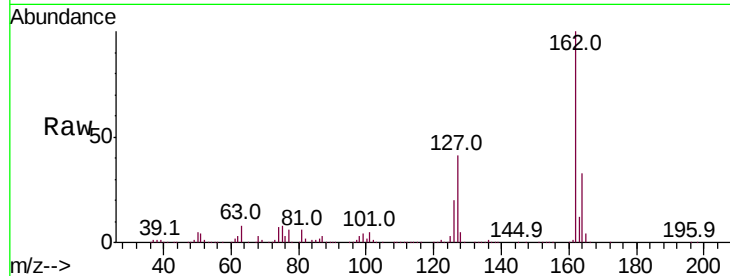
#47  
 2-Chloronaphthalene  
 Concen: 37.080 ng  
 RT: 9.34 min Scan# 1233  
 Delta R.T. -0.01 min  
 Lab File: BF112206.D  
 Acq: 24 Jan 2019 13:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116593BS

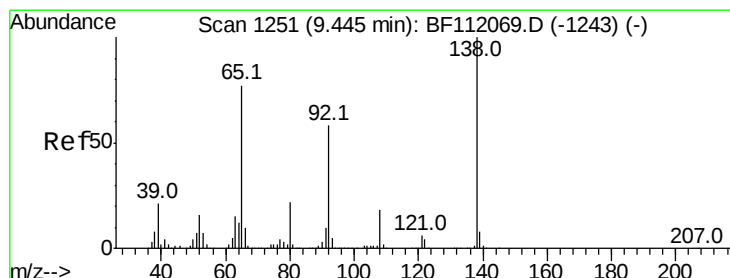
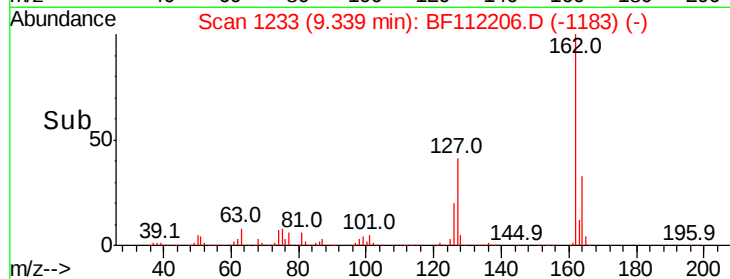
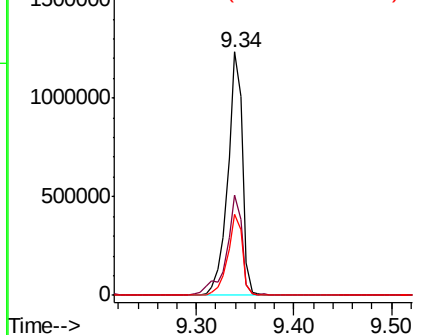
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.2  | 30.4  | 45.6  |
| 164     | 33.1  | 27.4  | 41.2  |

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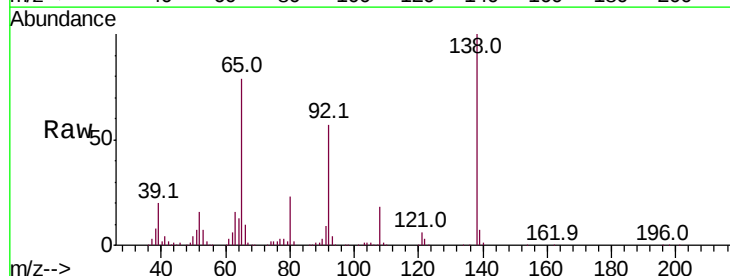


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

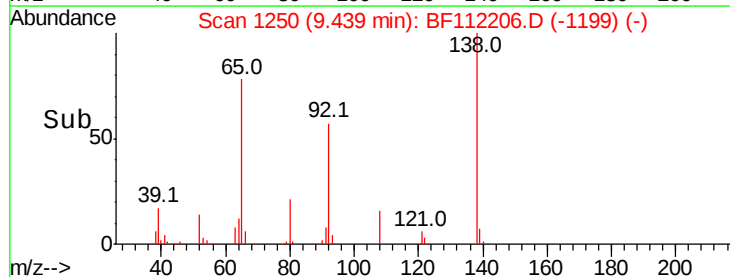
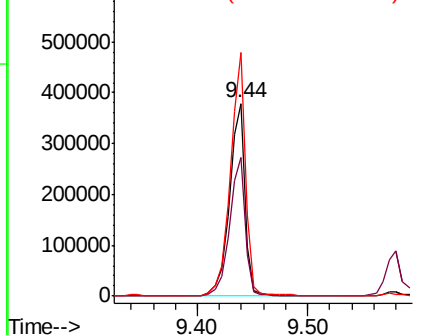


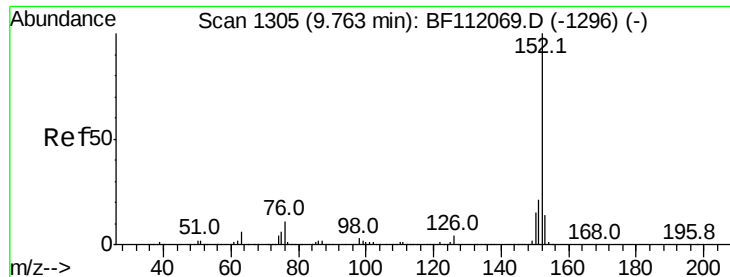
#48  
 2-Nitroaniline  
 Concen: 48.591 ng  
 RT: 9.44 min Scan# 1250  
 Delta R.T. 0.00 min  
 Lab File: BF112206.D  
 Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.2  | 60.4  | 90.6  |
| 138     | 126.2 | 104.4 | 156.6 |



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





#49

Acenaphthylene

Concen: 40.318 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

ClientSampleId :

PB116593BS

Tot Ion:152 Resp: 2026120

Ion Ratio Lower Upper

152 100

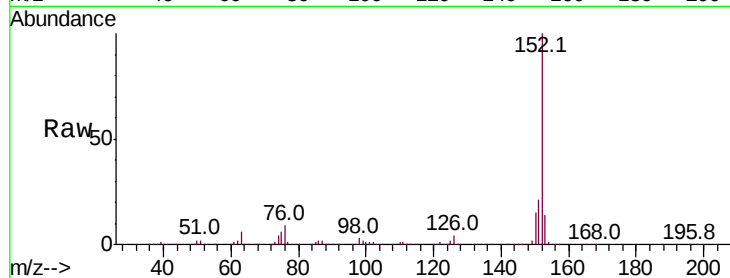
151 21.2 17.0 25.6

153 13.9 11.2 16.8

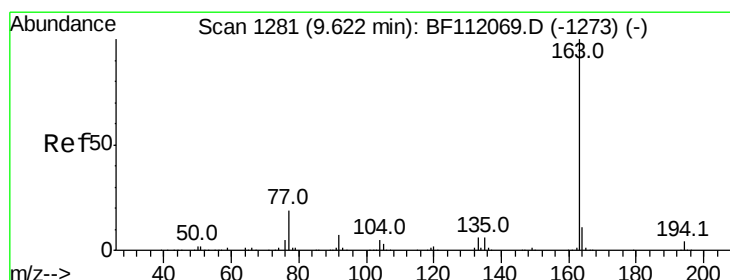
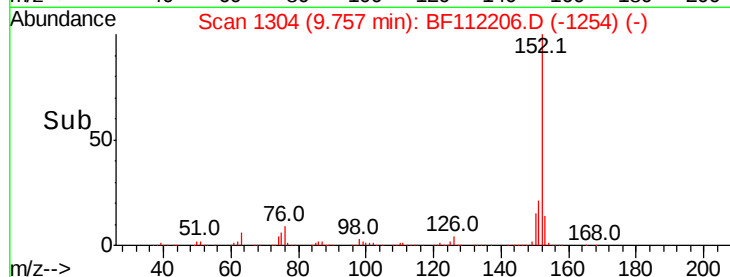
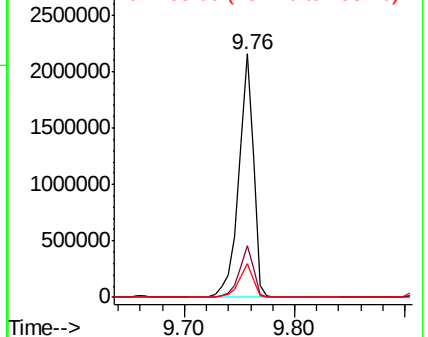
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.153 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

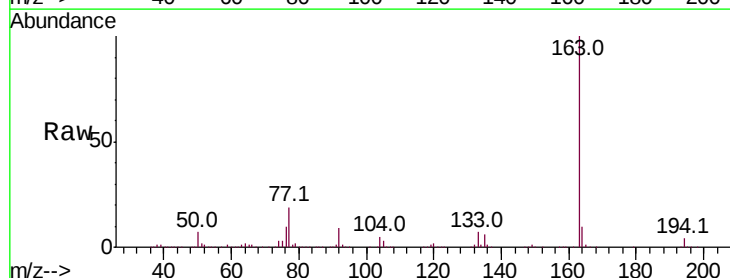
Tgt Ion:163 Resp: 1579058

Ion Ratio Lower Upper

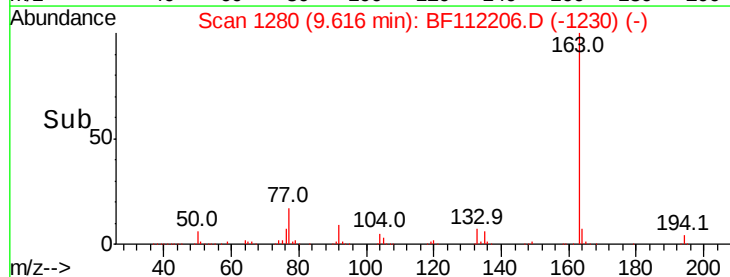
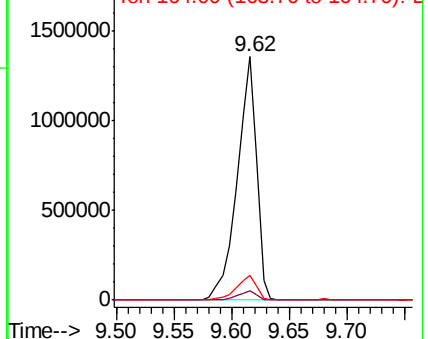
163 100

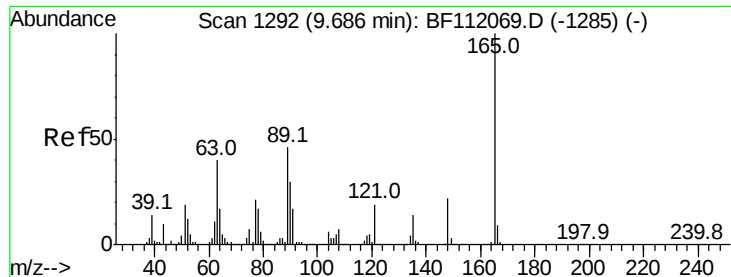
194 4.1 3.3 4.9

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





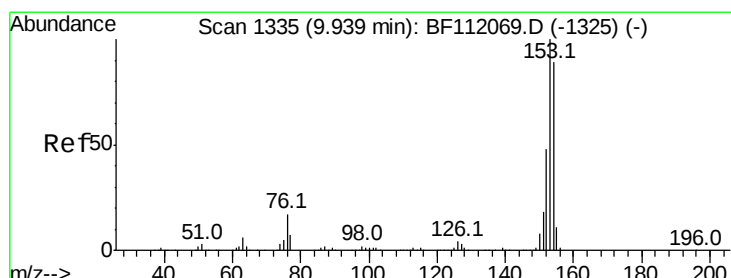
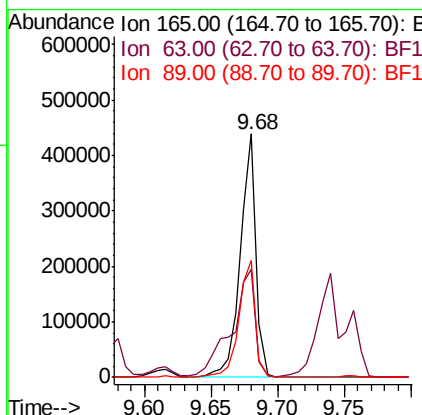
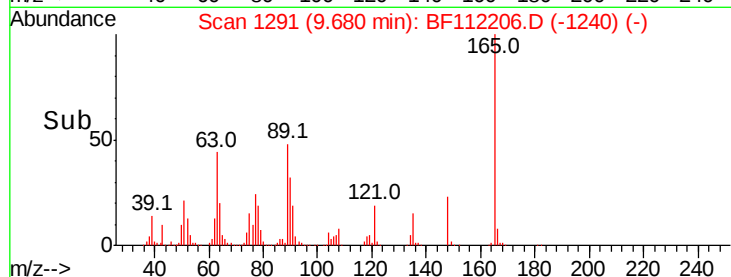
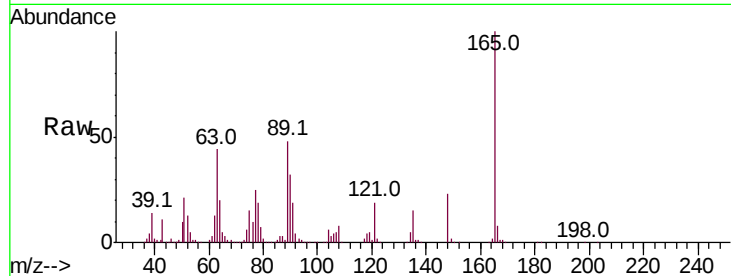
#51  
2,6-Dinitrotoluene  
Concen: 47.275 ng  
RT: 9.68 min Scan# 1291  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampled :  
PB116593BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 362255 |       |       |
| 63      | 44.3  |        | 33.8  | 50.8  |
| 89      | 48.1  |        | 36.9  | 55.3  |

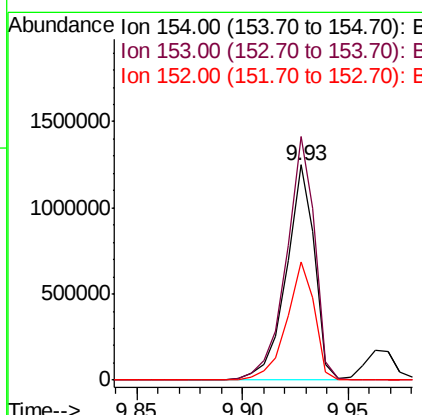
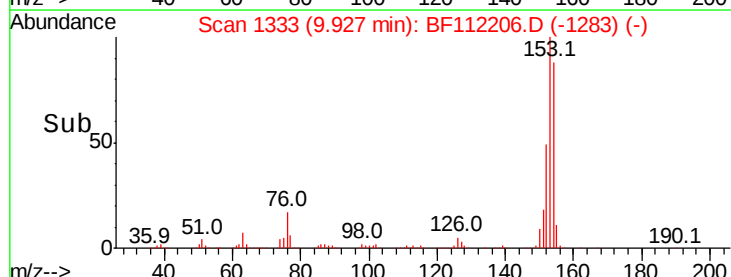
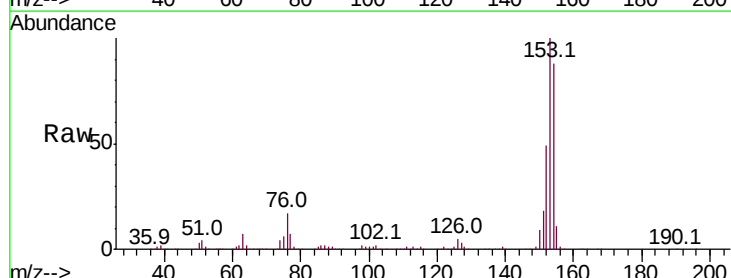
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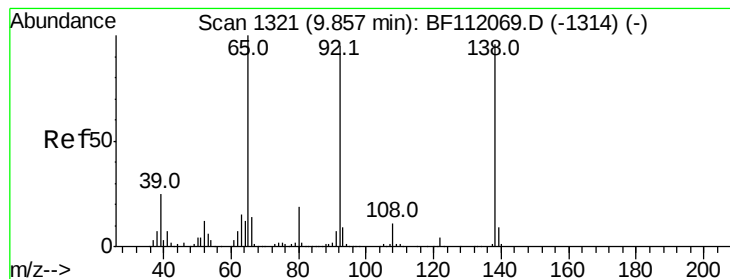
Sohil  
1/25/2019 10:04:58 AM



#52  
Acenaphthene  
Concen: 37.884 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1164848 |       |       |
| 153     | 113.3 |         | 89.8  | 134.6 |
| 152     | 55.1  |         | 43.5  | 65.3  |





#53

3-Nitroaniline

Concen: 31.894 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

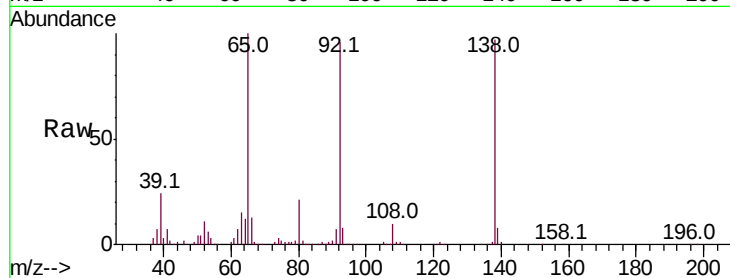
ClientSampleId :

PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.9   | 9.8   | 14.6  |
| 92      | 98.9  | 79.4  | 119.2 |

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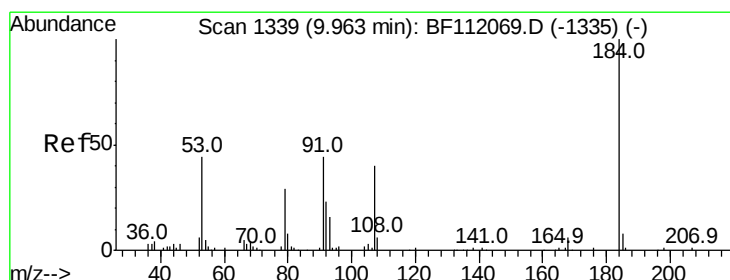
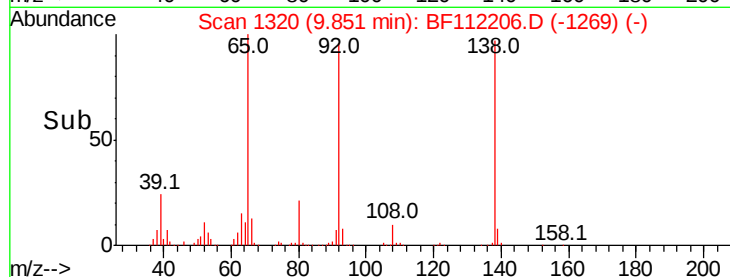
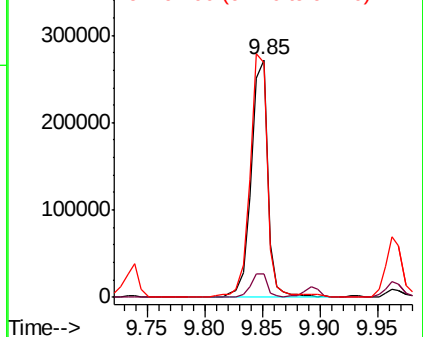


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 102.753 ng

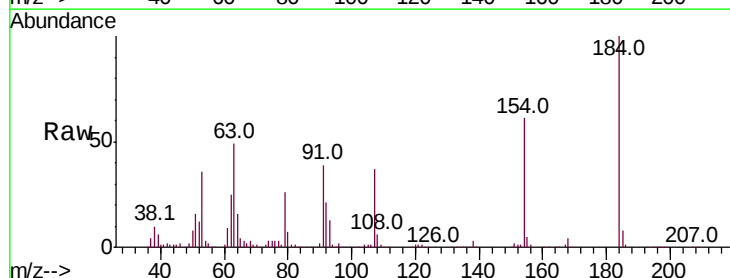
RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 48.9  | 47.1  | 70.7  |
| 154     | 60.5  | 48.9  | 73.3  |

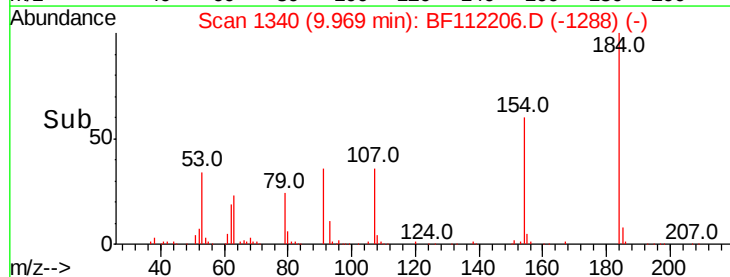
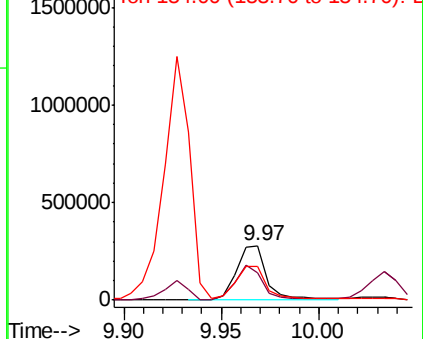


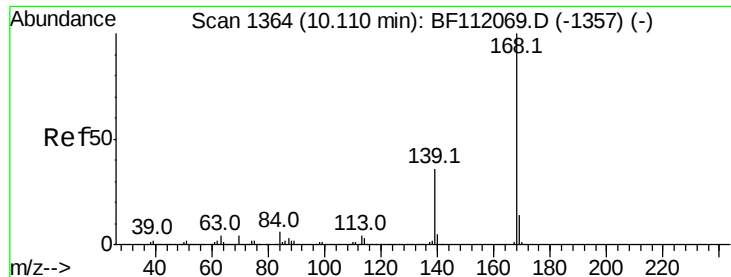
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





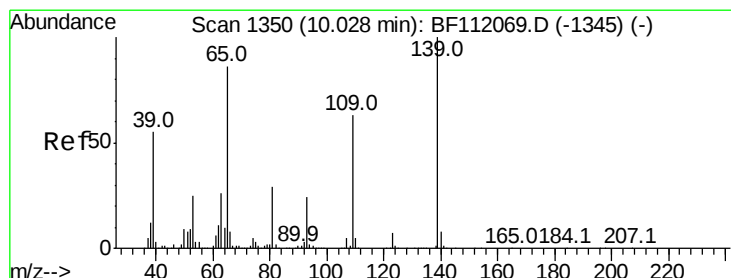
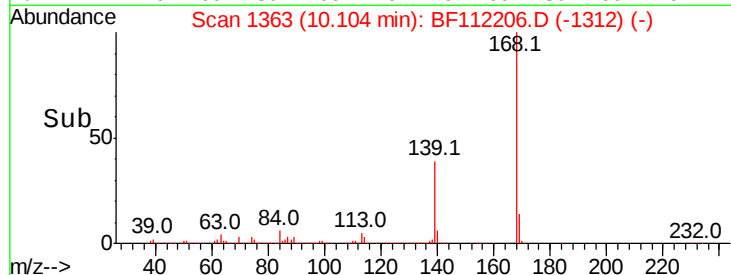
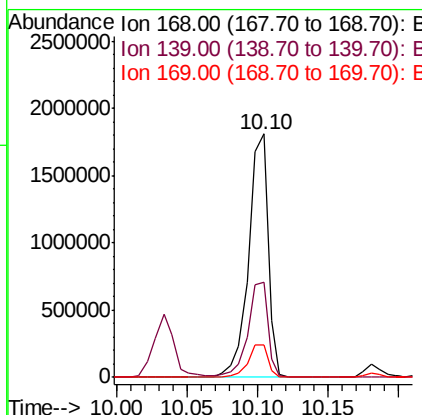
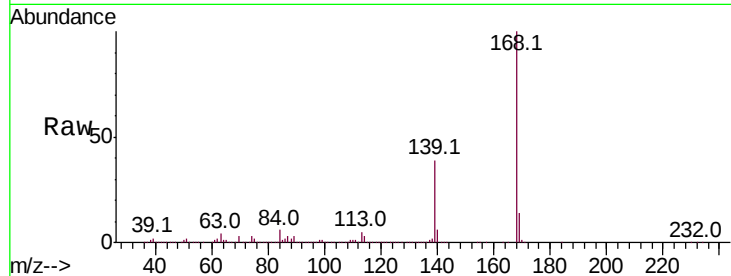
#55  
Dibenzofuran  
Concen: 38.097 ng  
RT: 10.10 min Scan# 1363  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

Tot Ion:168 Resp: 1771453  
Ion Ratio Lower Upper  
168 100  
139 39.3 29.2 43.8  
169 13.5 11.4 17.0

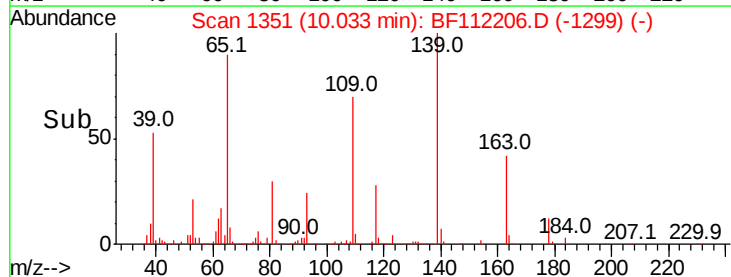
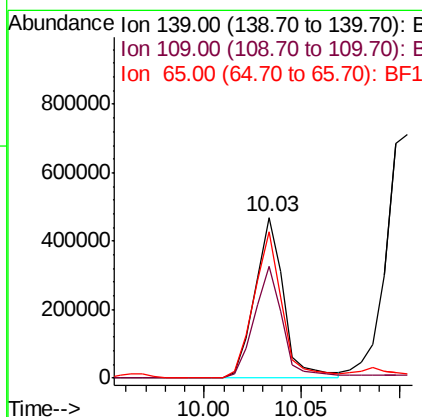
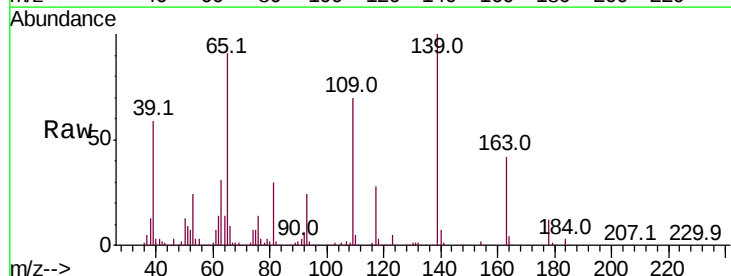
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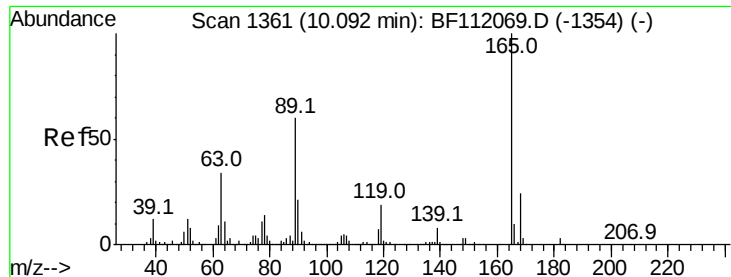
Sohil  
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#56  
4-Nitrophenol  
Concen: 78.268 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Tgt Ion:139 Resp: 478535  
Ion Ratio Lower Upper  
139 100  
109 69.6 42.8 82.8  
65 90.6 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 48.494 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

ClientSampleId :

PB116593BS

Tot Ion:165 Resp: 477522

Ion Ratio Lower Upper

165 100

63 43.8 27.9 41.9#

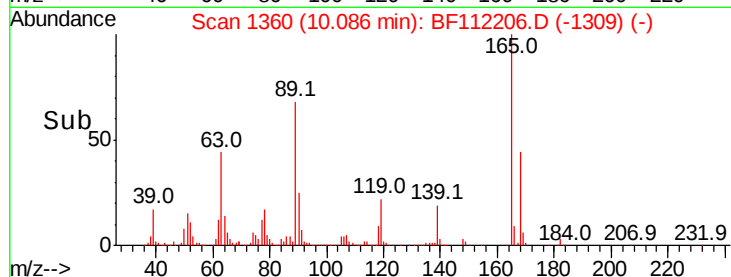
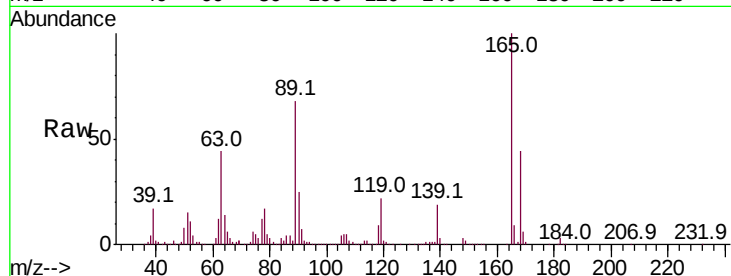
89 67.7 47.9 71.9

182 2.9 2.2 3.4

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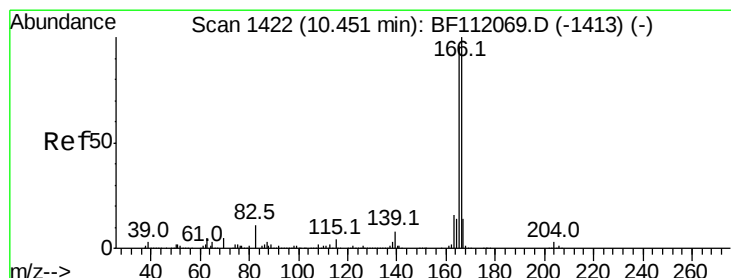
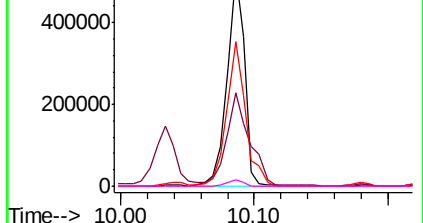


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.456 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

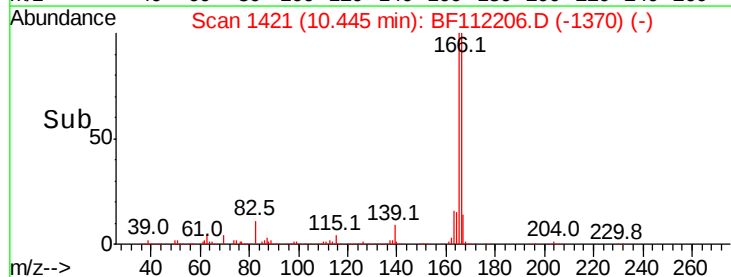
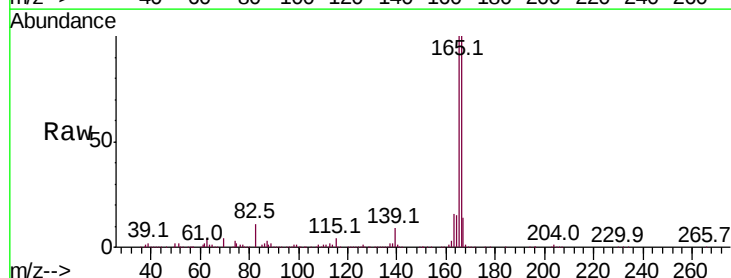
Tgt Ion:166 Resp: 1440234

Ion Ratio Lower Upper

166 100

165 99.9 77.1 115.7

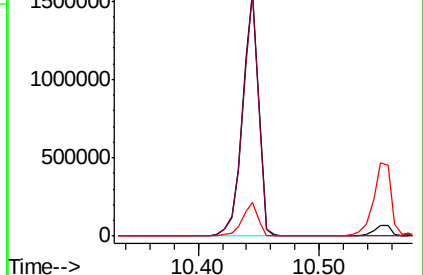
167 13.8 11.3 16.9

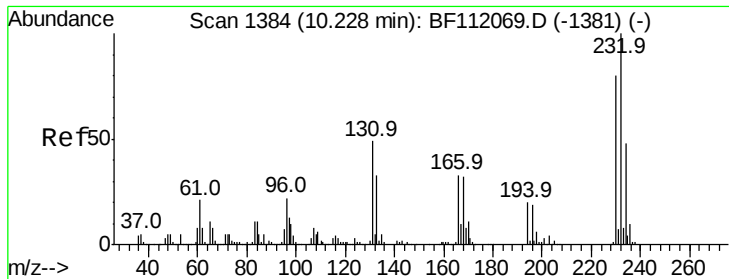


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





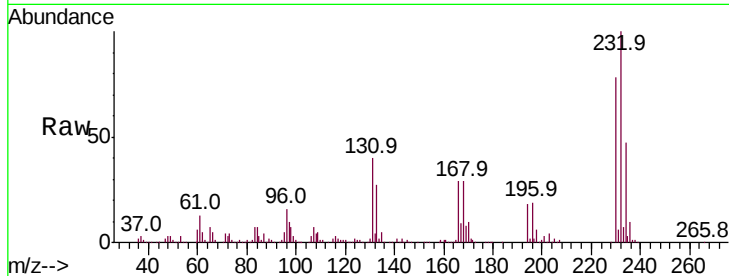
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.071 ng  
 RT: 10.23 min Scan# 1384  
 Delta R.T. 0.00 min  
 Lab File: BF112206.D  
 Acq: 24 Jan 2019 13:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 46.6  | 33.9  | 50.9  |
| 130     | 2.5   | 1.8   | 2.6   |
| 166     | 31.5  | 23.6  | 35.4  |

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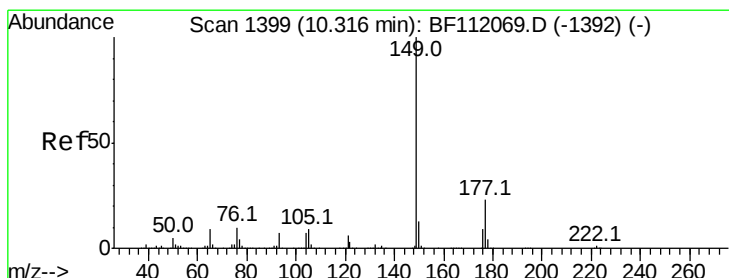
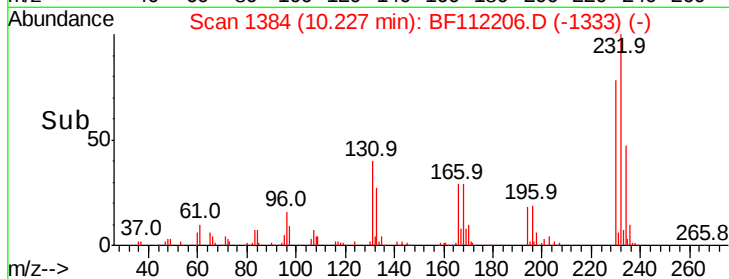
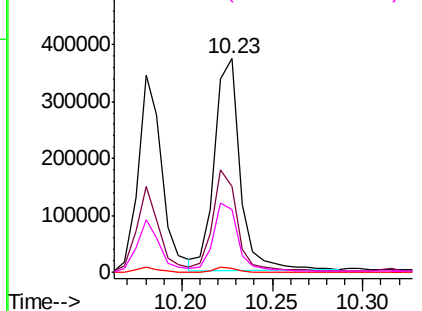
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

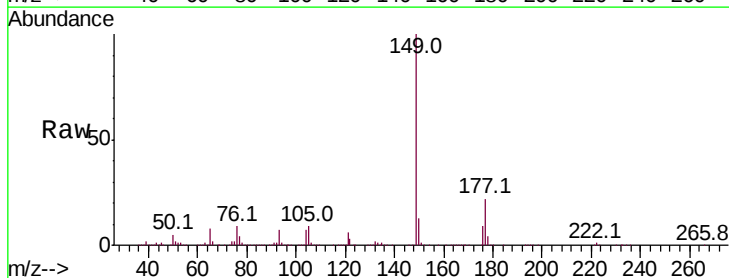
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 41.205 ng  
 RT: 10.32 min Scan# 1399  
 Delta R.T. 0.00 min  
 Lab File: BF112206.D  
 Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.2  | 18.2  | 27.2  |
| 150     | 12.9  | 10.4  | 15.6  |

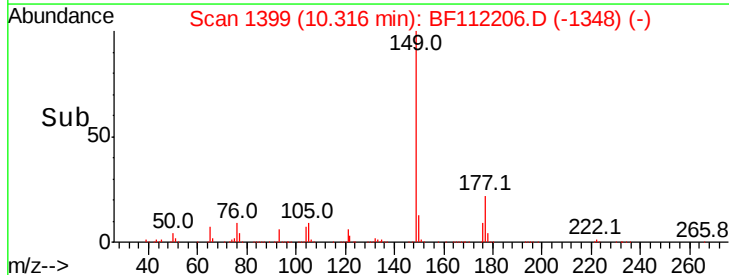
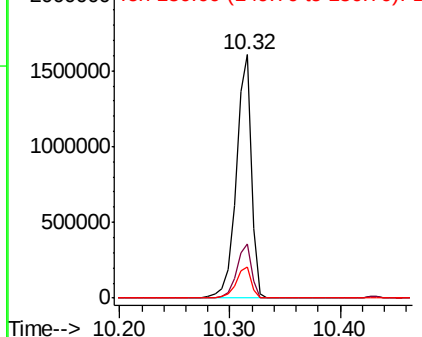


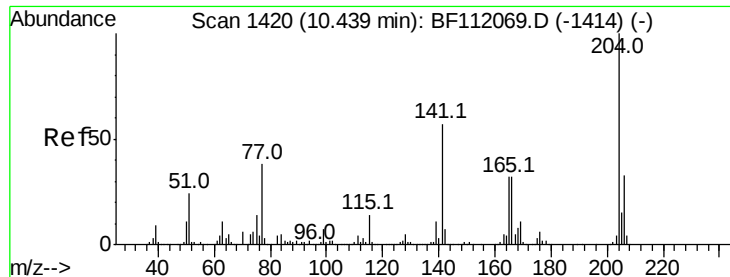
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





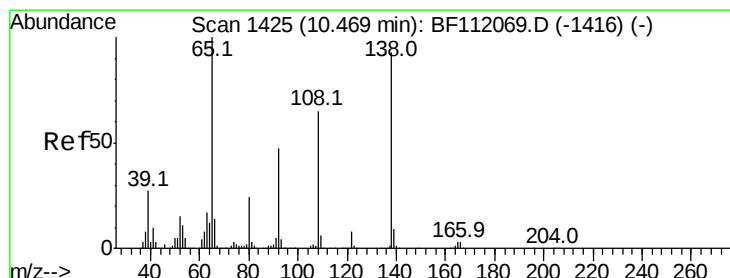
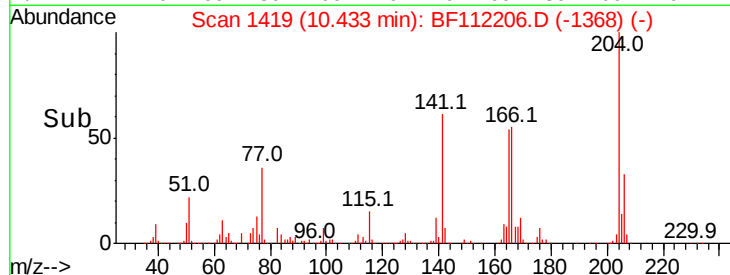
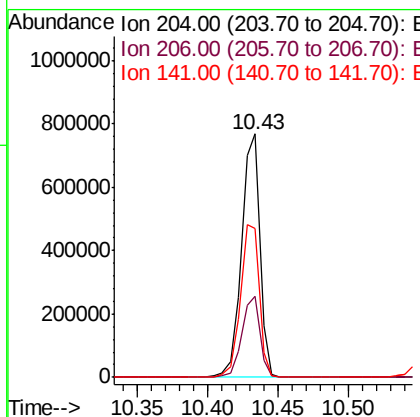
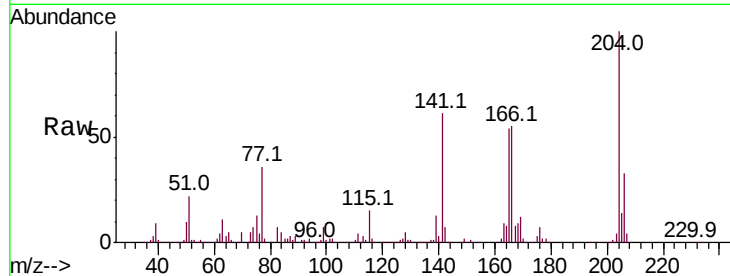
#61  
4-Chlorophenyl-phenylether  
Concen: 37.092 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampled :  
PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.3  | 26.5  | 39.7  |
| 141     | 60.9  | 45.9  | 68.9  |

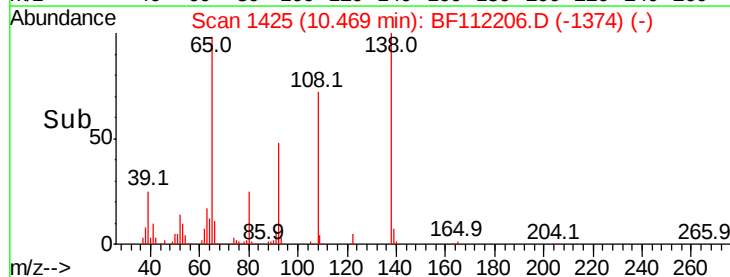
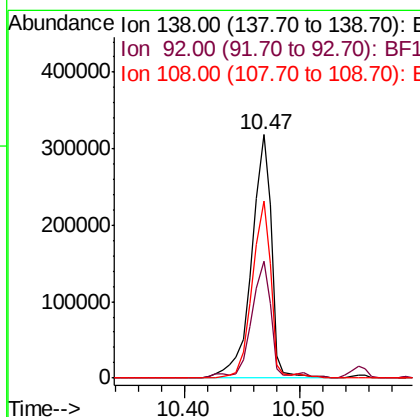
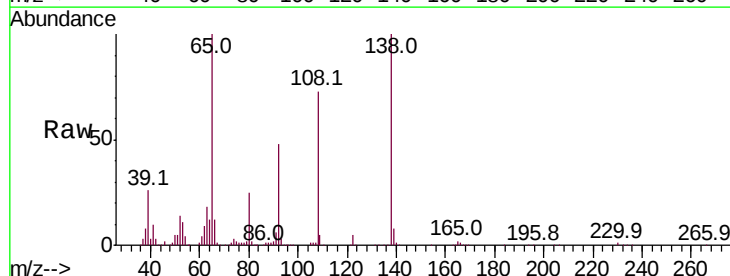
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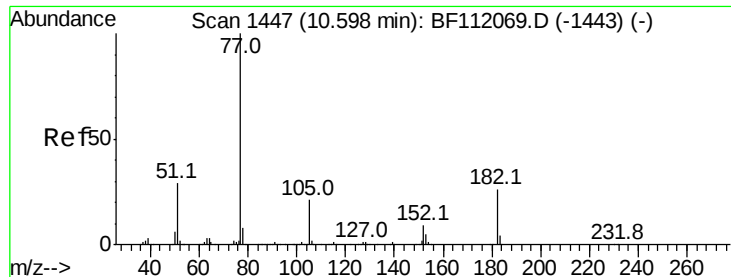
Sohil  
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#62  
4-Nitroaniline  
Concen: 44.923 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.0  | 30.6  | 70.6  |
| 108     | 72.6  | 50.0  | 90.0  |





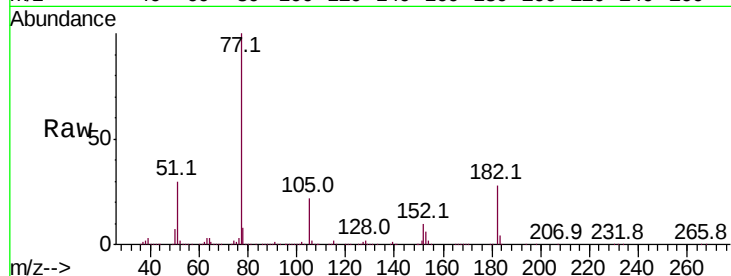
#63  
Azobenzene  
Concen: 37.793 ng  
RT: 10.59 min Scan# 1446  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.8  | 5.7   | 45.7  |
| 105     | 22.5  | 1.4   | 41.4  |
| 51      | 29.6  | 9.5   | 49.5  |

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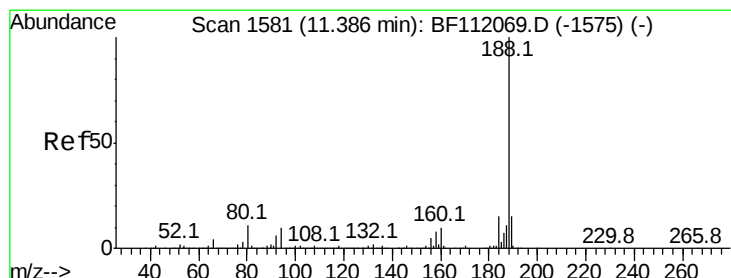
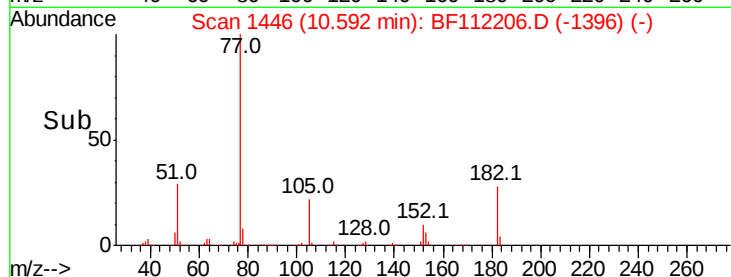
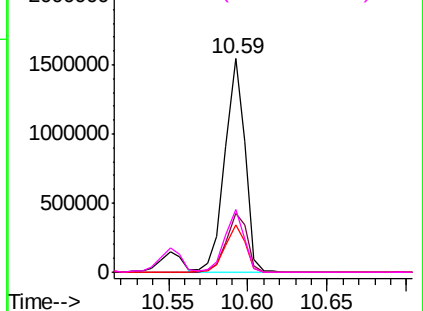
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.38 min Scan# 1580  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

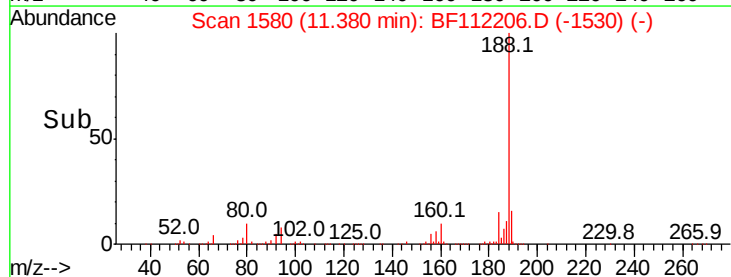
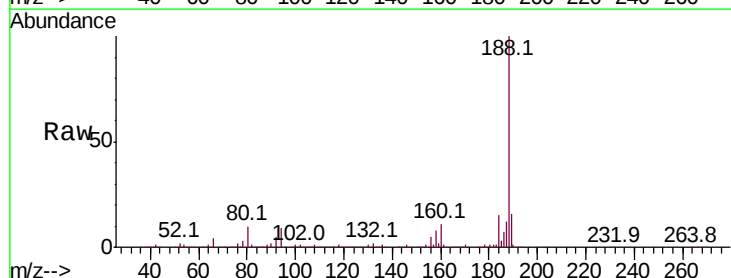
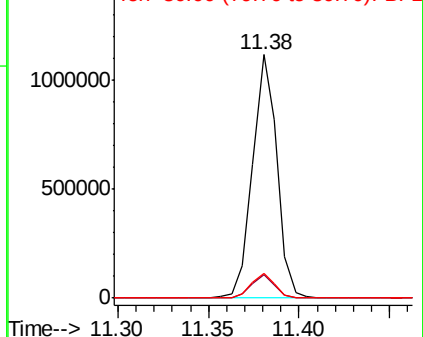
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.5   | 8.2   | 12.2  |
| 80      | 10.3  | 8.9   | 13.3  |

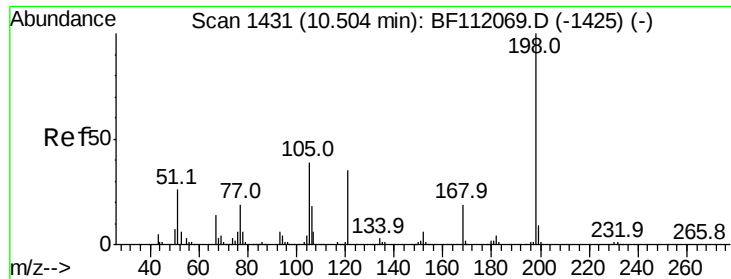
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 50.202 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

ClientSampleId :

PB116593BS

Tot Ion:198 Resp: 221338

Ion Ratio Lower Upper

198 100

51 37.1 17.2 57.2

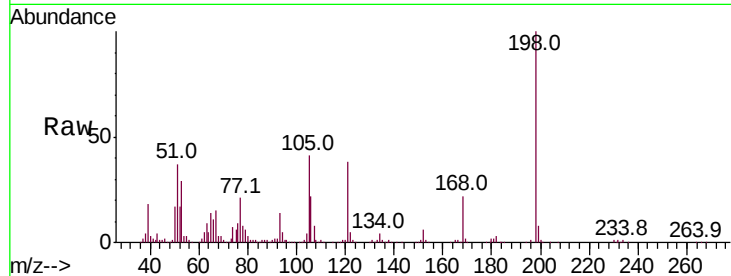
105 41.5 21.9 61.9

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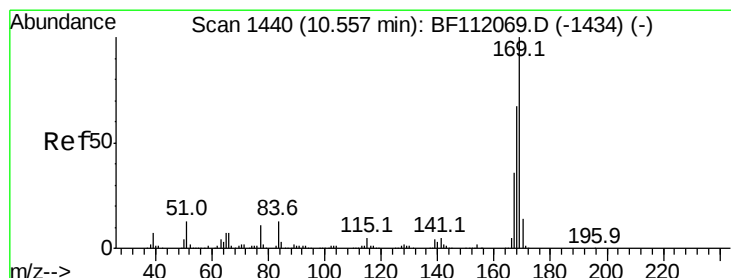
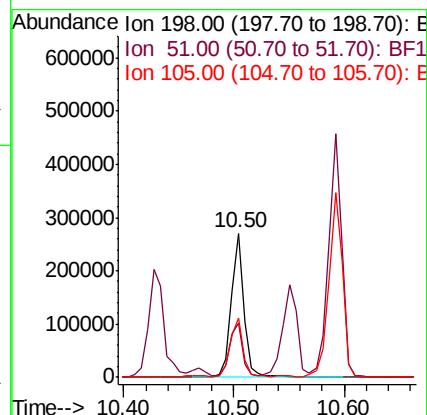
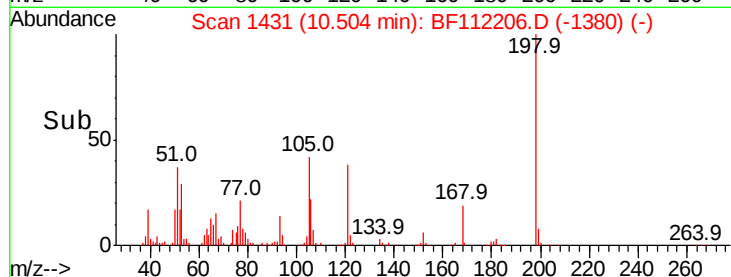
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.621 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

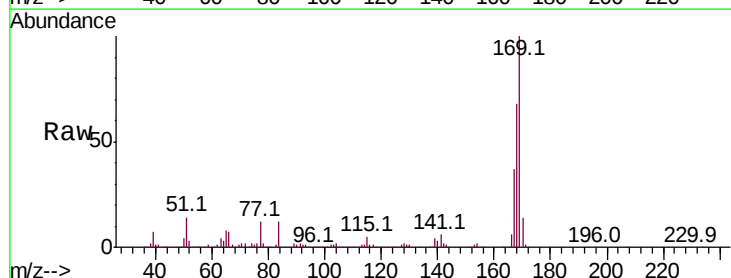
Tgt Ion:169 Resp: 1299606

Ion Ratio Lower Upper

169 100

168 67.9 53.9 80.9

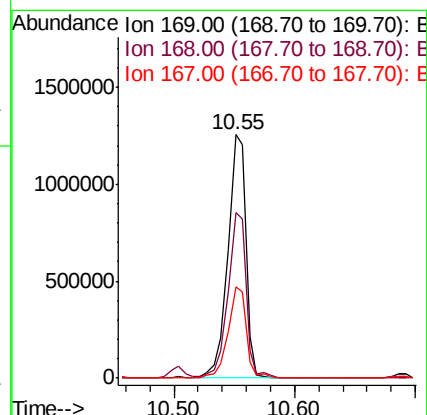
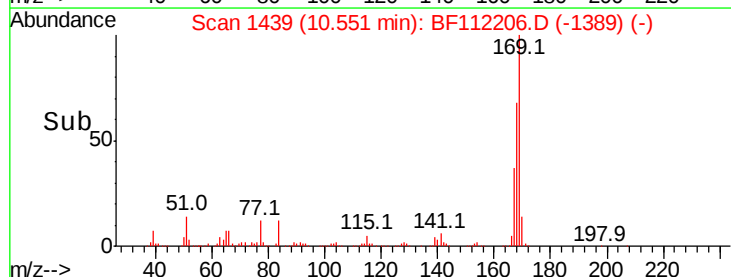
167 37.3 28.9 43.3

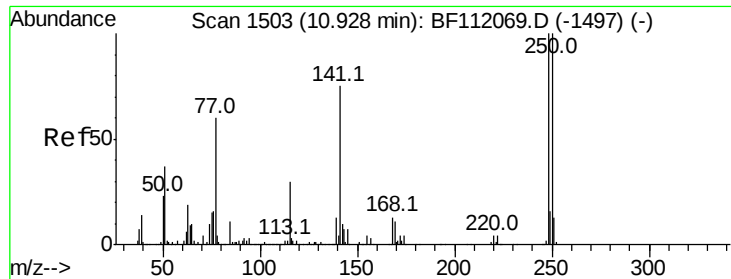


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





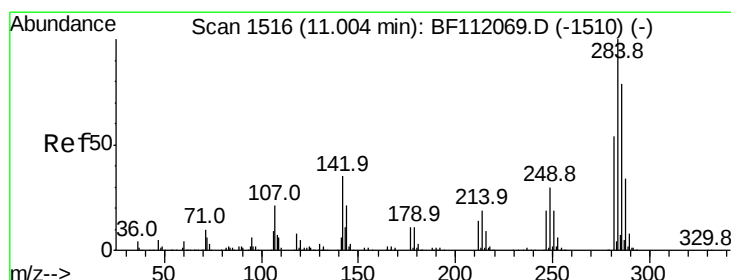
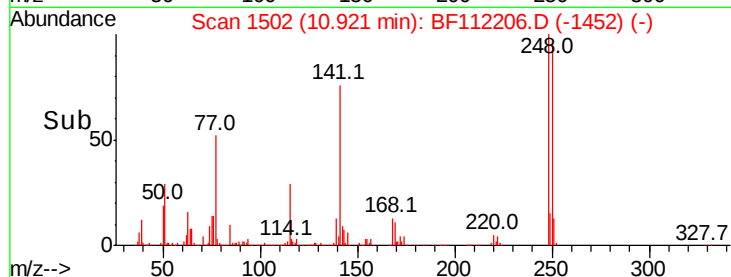
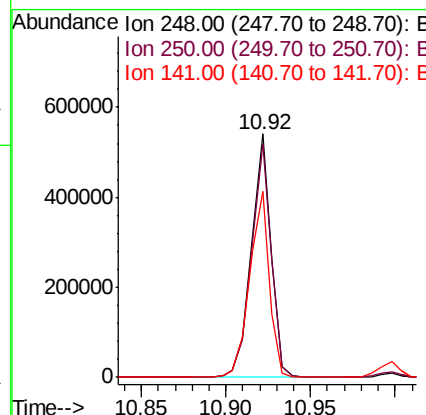
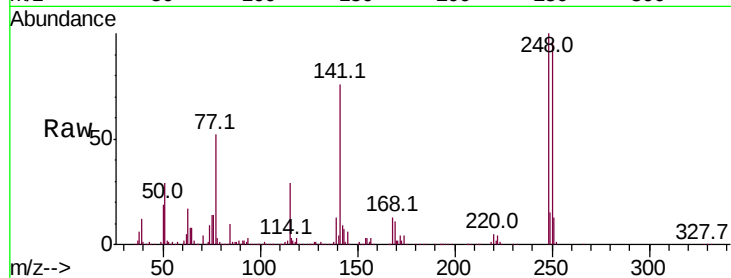
#67  
4-Bromophenyl-phenylether  
Concen: 36.642 ng  
RT: 10.92 min Scan# 1502  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.0  | 79.7  | 119.5 |
| 141     | 76.2  | 60.3  | 90.5  |

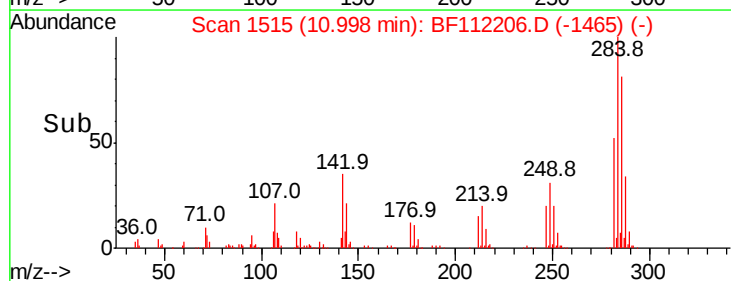
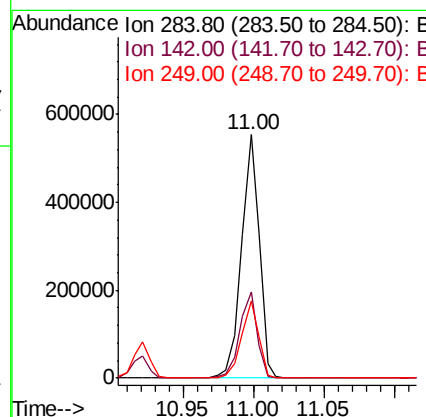
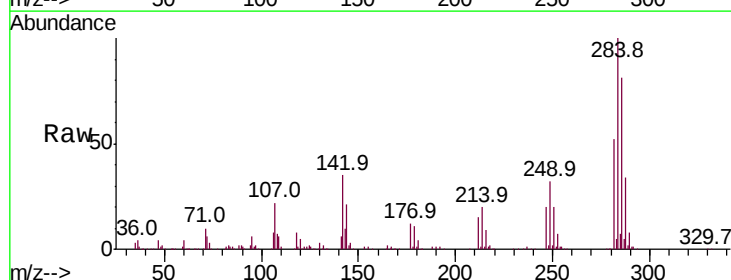
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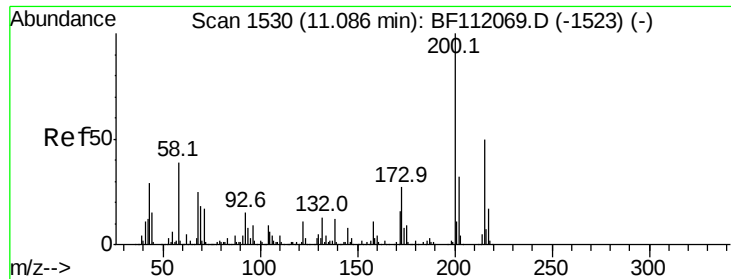
Sohil  
1/25/2019 10:04:58 AM



#68  
Hexachlorobenzene  
Concen: 37.047 ng  
RT: 11.00 min Scan# 1515  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.2  | 27.6  | 41.4  |
| 249     | 31.6  | 24.1  | 36.1  |





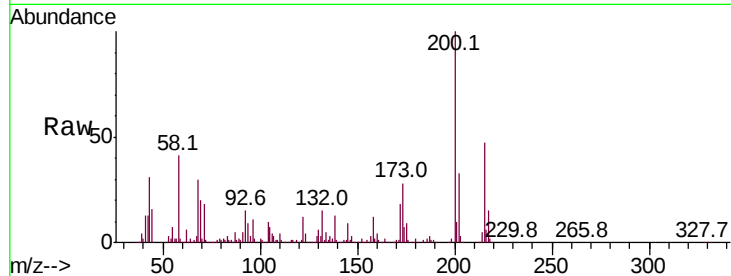
#69  
Atrazine  
Concen: 37.029 ng  
RT: 11.08 min Scan# 1529  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 28.4  | 7.1  | 47.1  |       |
| 215     | 47.4  | 30.4 | 70.4  |       |

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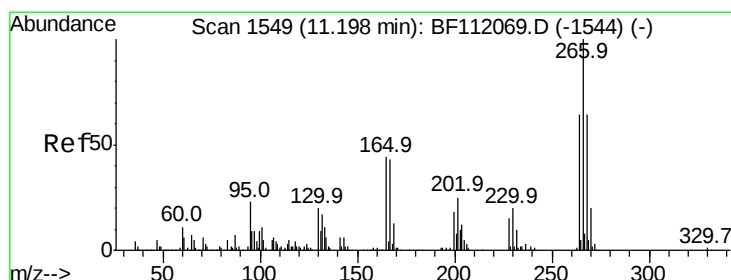
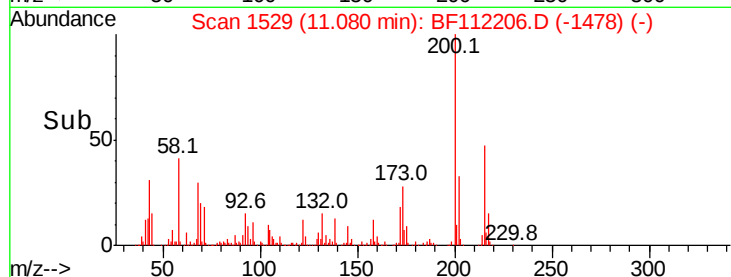
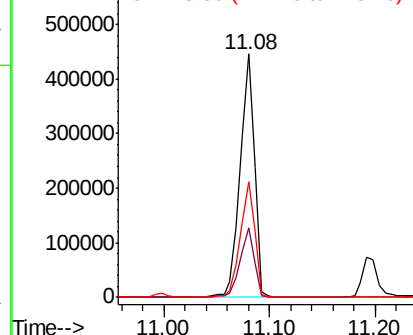


Abundance

Ion 200.00 (199.70 to 200.70): E

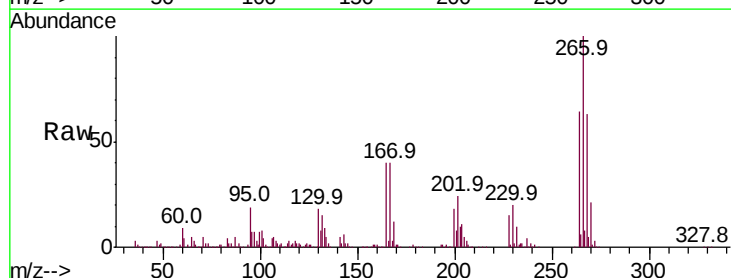
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 69.697 ng  
RT: 11.20 min Scan# 1549  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 266     | 100   |      |       |       |
| 268     | 62.8  | 51.2 | 76.8  |       |
| 264     | 63.8  | 50.9 | 76.3  |       |

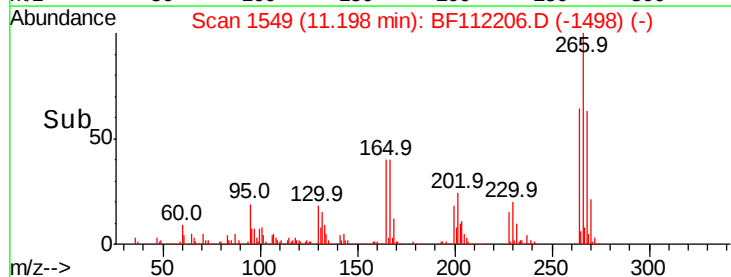
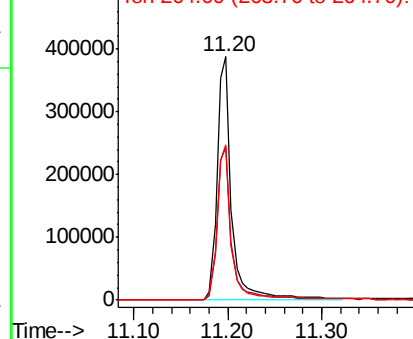


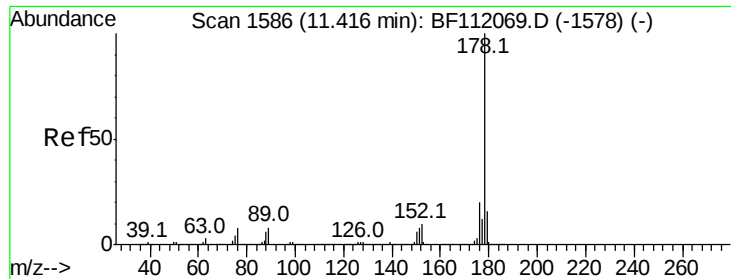
Abundance

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: 39.799 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

ClientSampleId :

PB116593BS

Tot Ion:178 Resp: 2092949

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

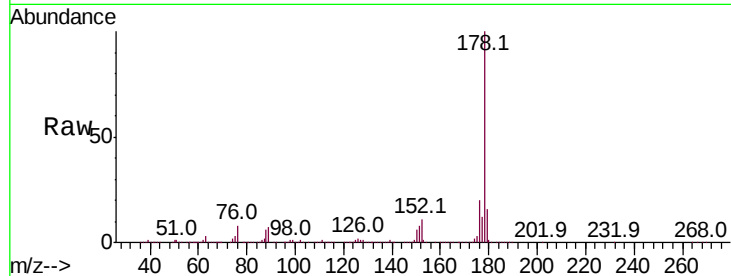
179 16.2 13.0 19.4

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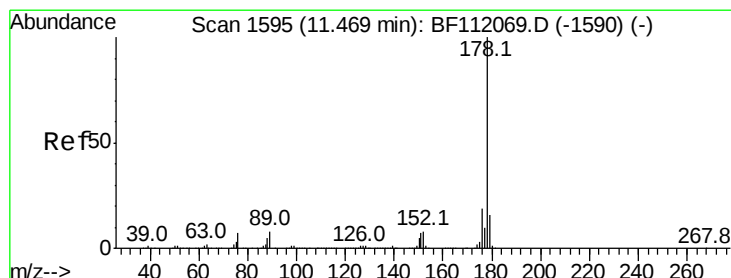
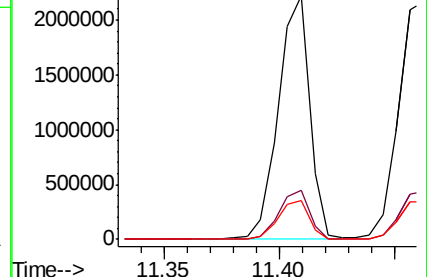
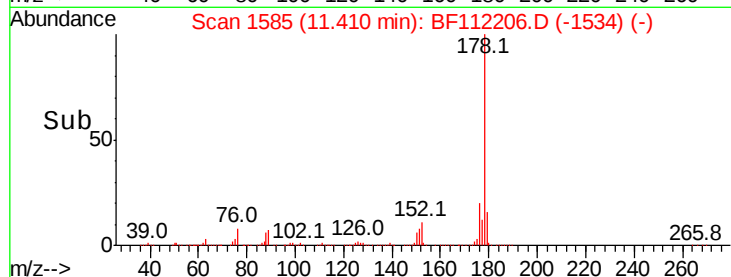
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.260 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

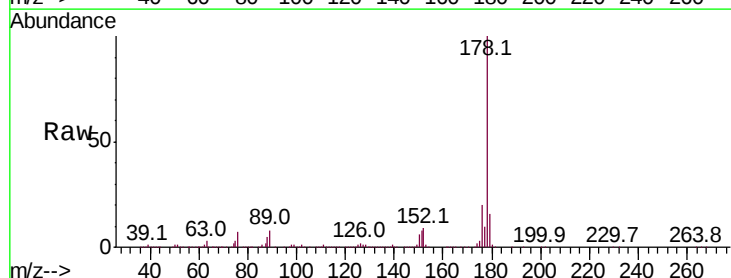
Tgt Ion:178 Resp: 2144692

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

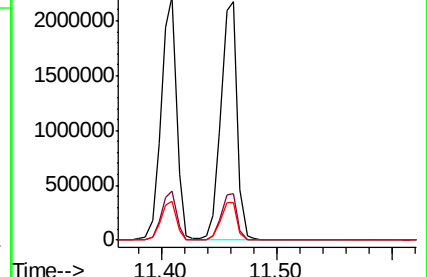
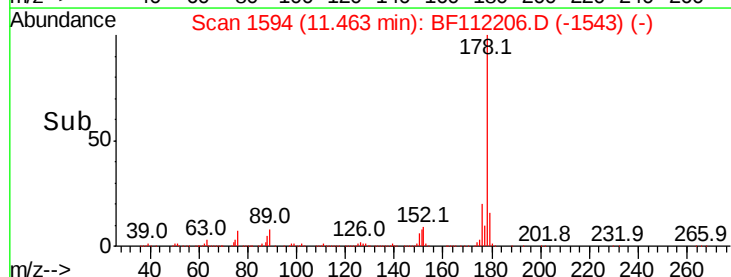
179 15.7 12.8 19.2

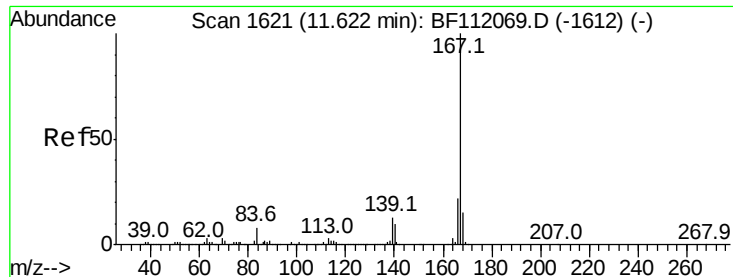


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.935 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

ClientSampled :

PB116593BS

Tot Ion:167 Resp: 1971053

Ion Ratio Lower Upper

167 100

166 22.3 17.9 26.9

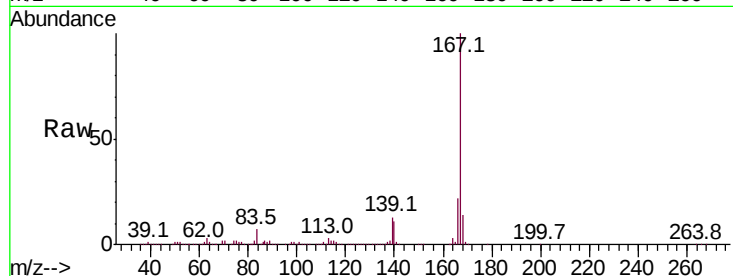
139 13.4 10.2 15.2

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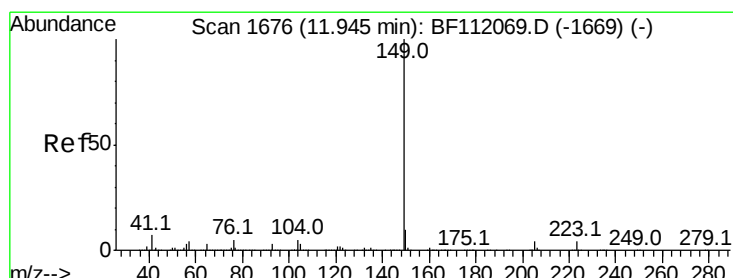
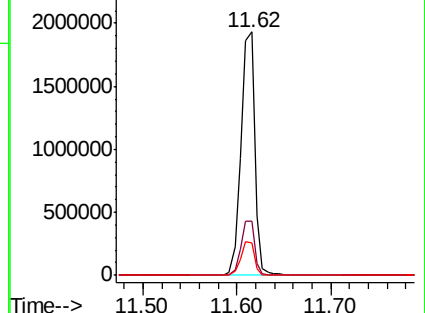
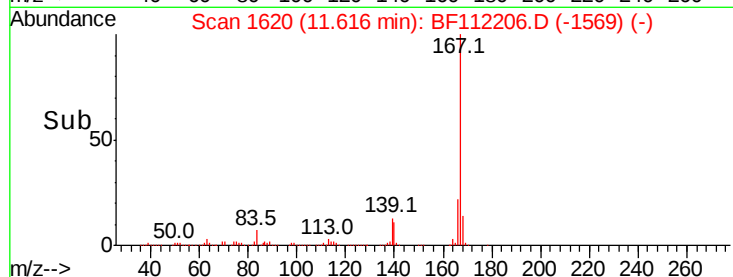
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.173 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

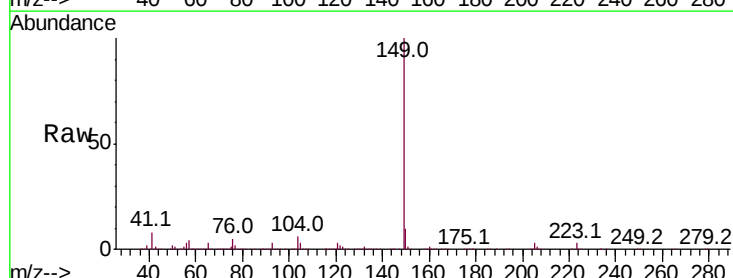
Tgt Ion:149 Resp: 2351480

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

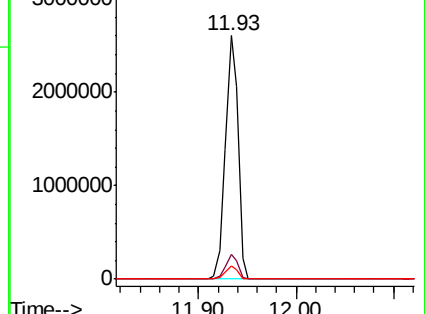
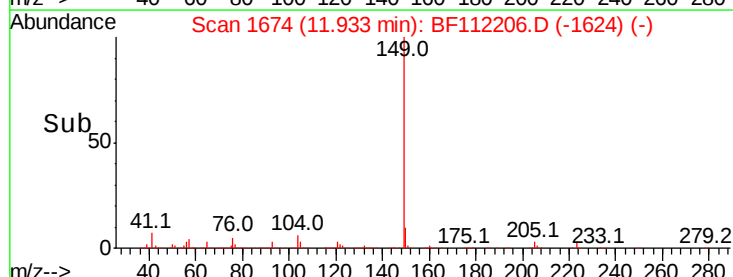
104 5.6 3.9 5.9

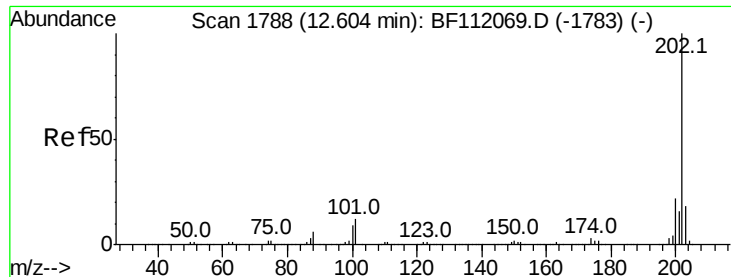


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.682 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

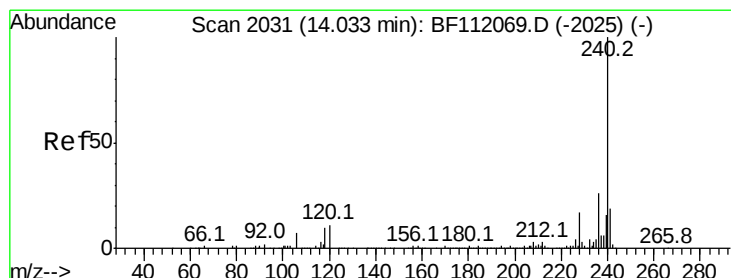
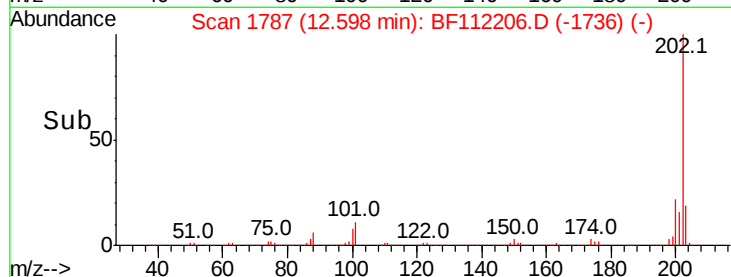
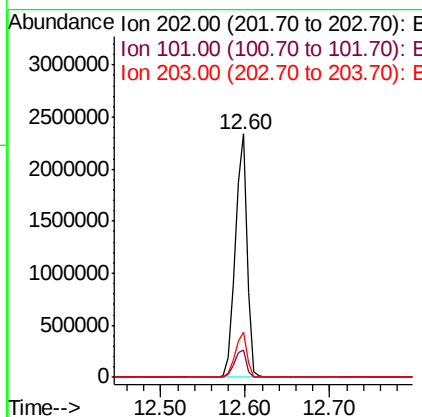
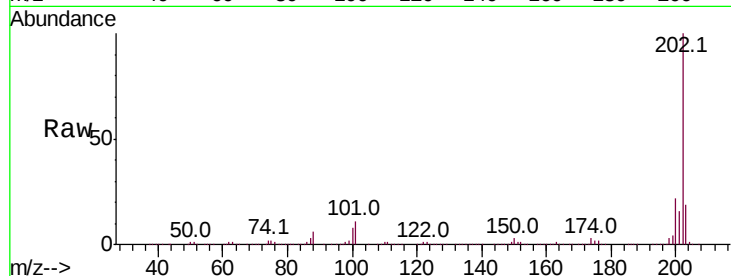
ClientSampleId :

PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.3  | 0.0   | 31.8  |
| 203     | 18.5  | 0.0   | 38.4  |

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#76

Chrysene-d12

Concen: 20.000 ng

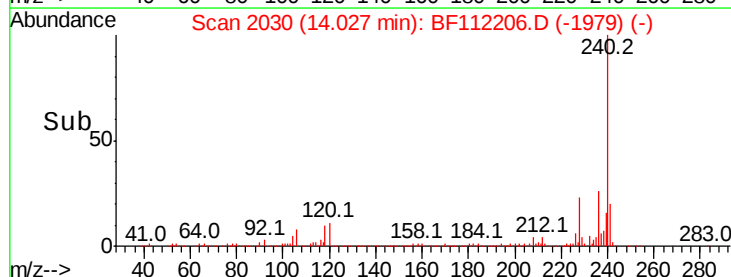
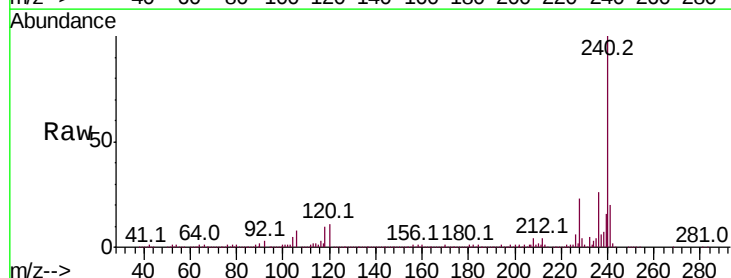
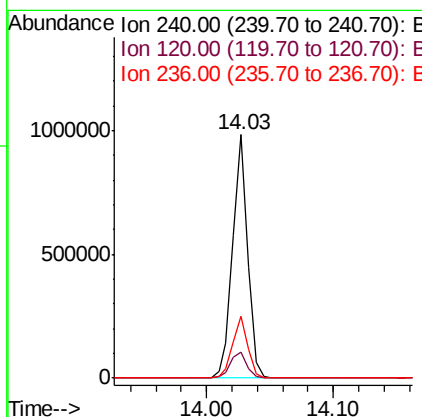
RT: 14.03 min Scan# 2030

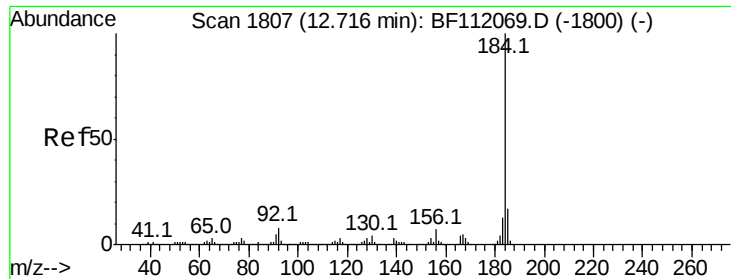
Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.8  | 9.0   | 13.6  |
| 236     | 25.6  | 20.7  | 31.1  |





#77

Benzidine

Concen: 23.874 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

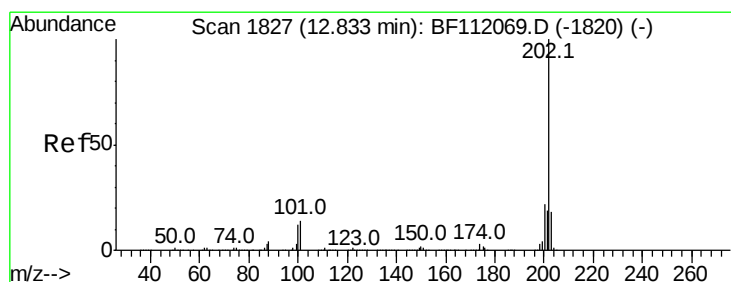
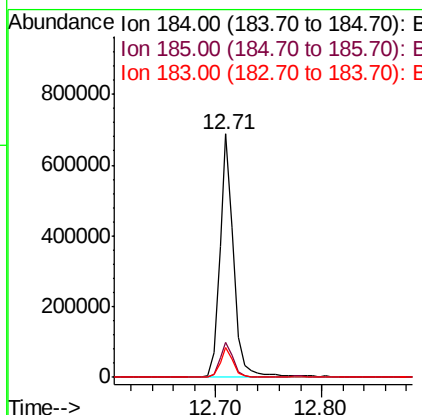
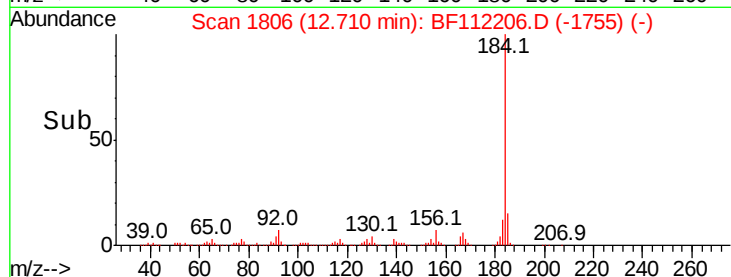
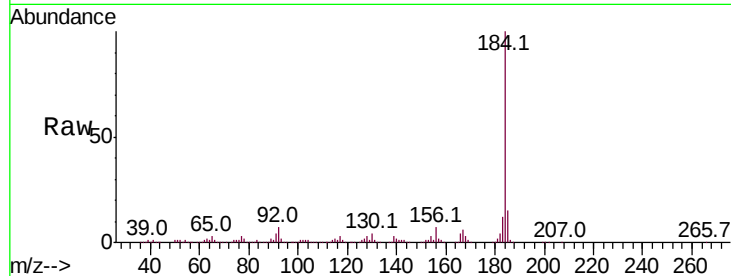
ClientSampleId :

PB116593BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 636284 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.6  | 13.9  | 20.9   |
| 183       | 12.2  | 10.0  | 15.0   |

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#78

Pyrene

Concen: 41.603 ng

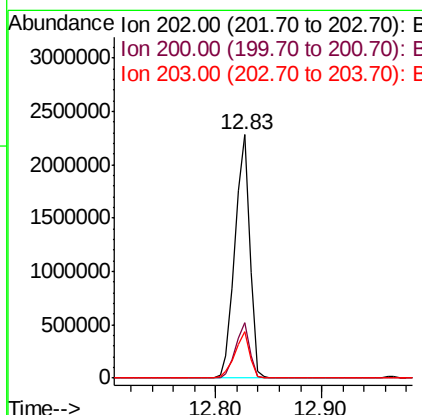
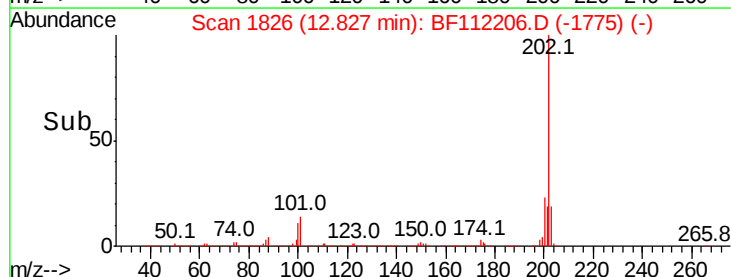
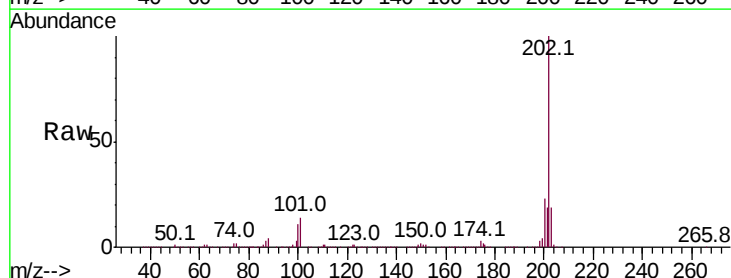
RT: 12.83 min Scan# 1826

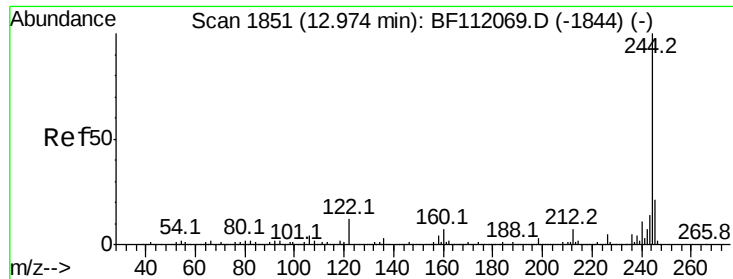
Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 2192583 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 22.7  | 17.7  | 26.5    |
| 203       | 18.9  | 14.6  | 22.0    |





#79

Terphenyl-d14

Concen: 81.065 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

ClientSampleId :

PB116593BS

Tot Ion:244 Resp: 3043903

Ion Ratio Lower Upper

244 100

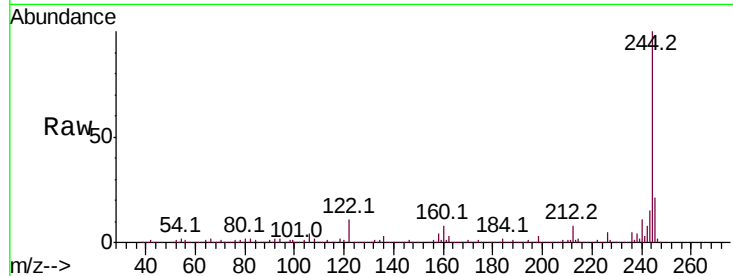
212 7.6 5.9 8.9

122 11.1 9.8 14.6

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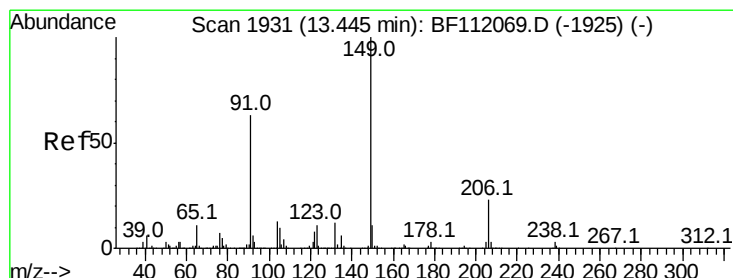
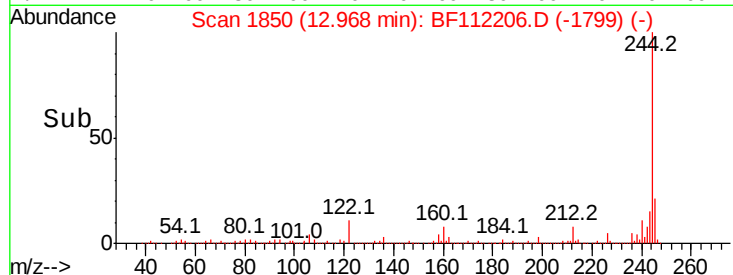
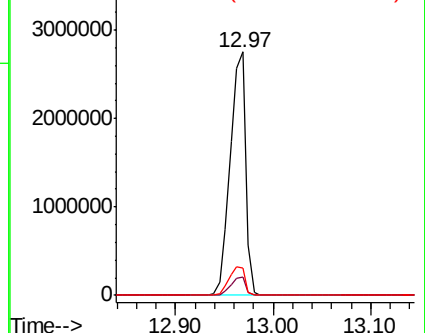
1/25/2019 10:04:58 AM



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: 43.792 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

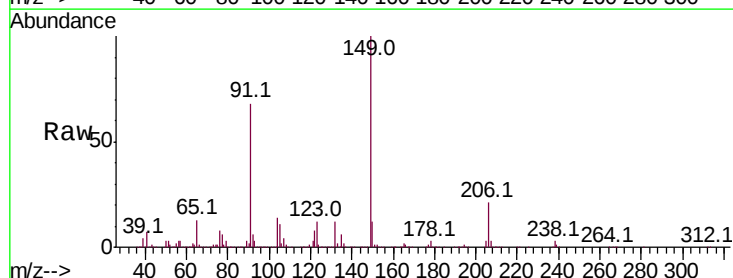
Tgt Ion:149 Resp: 1012496

Ion Ratio Lower Upper

149 100

91 68.2 50.3 75.5

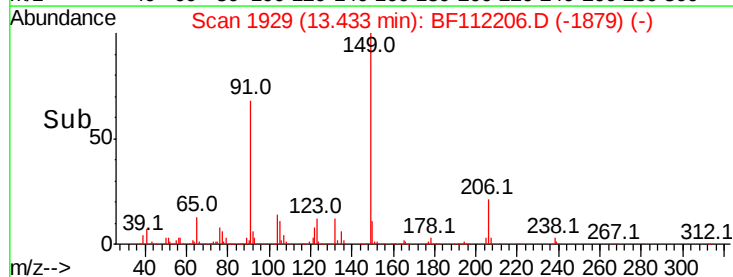
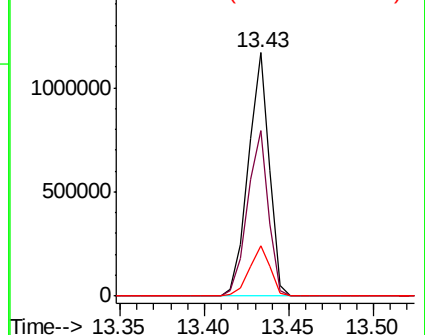
206 20.5 18.2 27.4

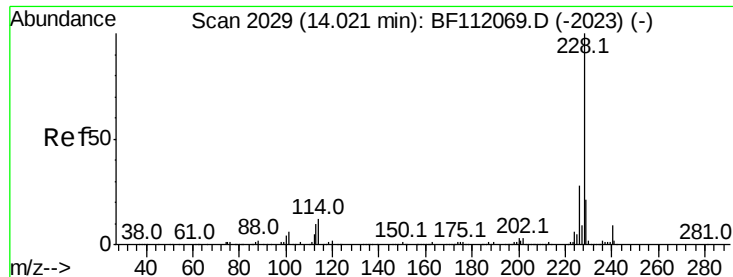


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.951 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

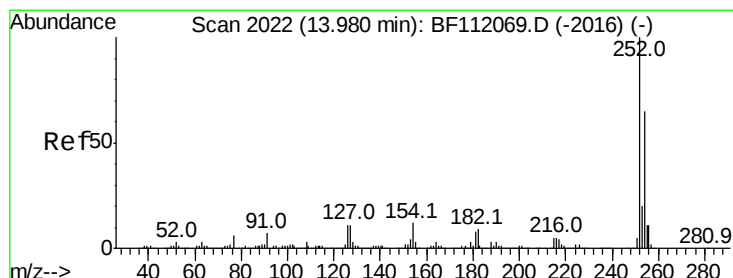
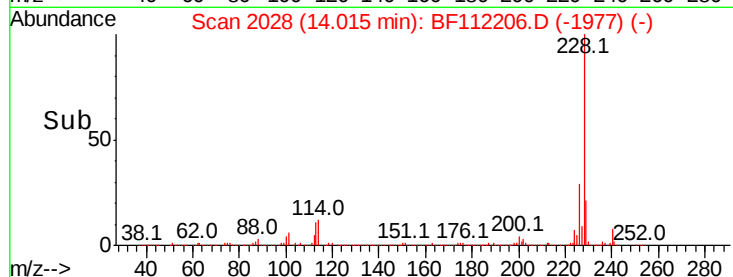
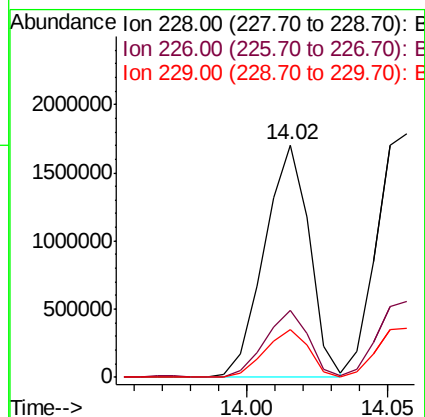
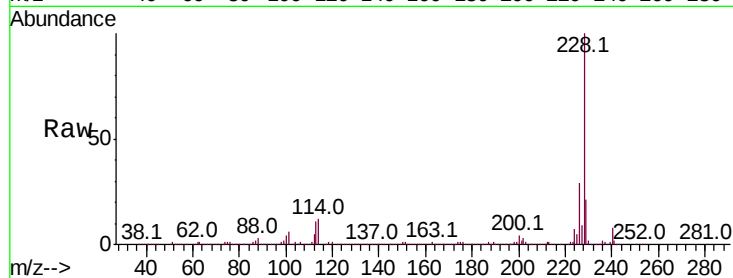
ClientSampleId :

PB116593BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1875587 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 28.7  | 22.6  | 34.0    |
| 229      | 20.8  | 16.5  | 24.7    |

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1/25/2019 10:04:58 AM



#82

3,3'-Dichlorobenzidine

Concen: 30.607 ng

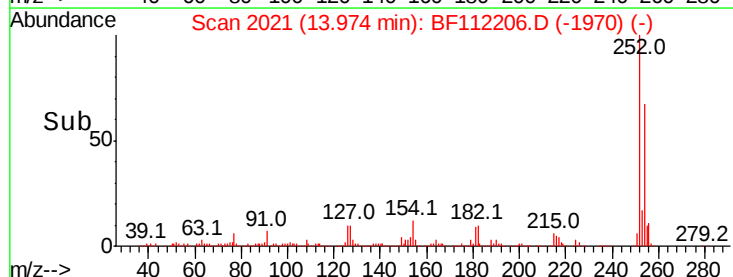
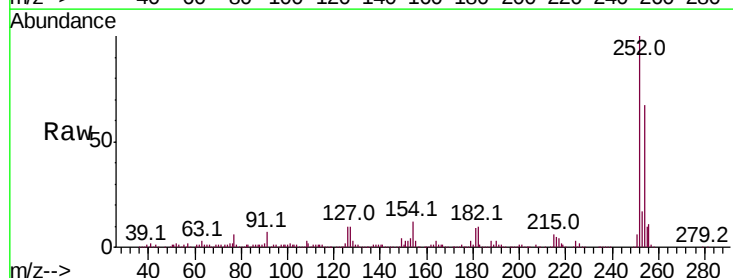
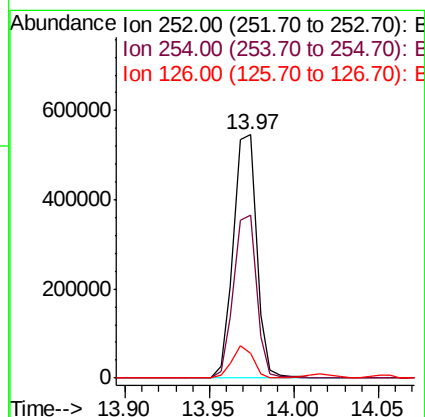
RT: 13.97 min Scan# 2021

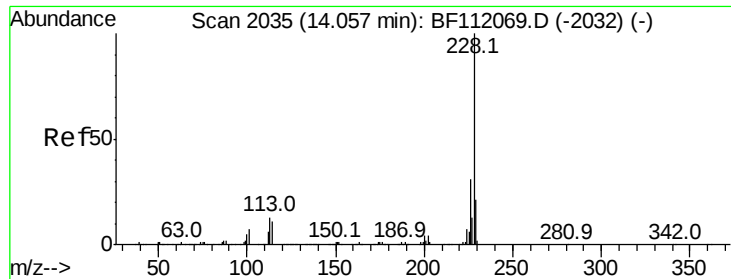
Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 524988 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 67.2  | 51.6  | 77.4   |
| 126      | 9.9   | 8.6   | 12.8   |





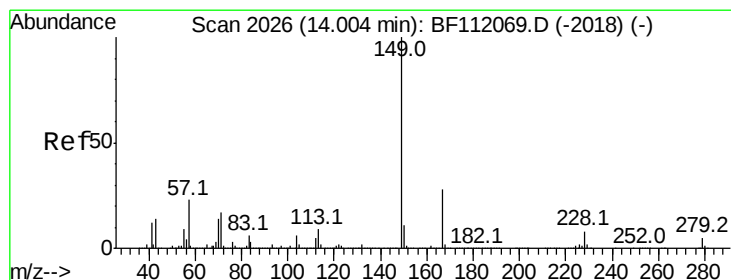
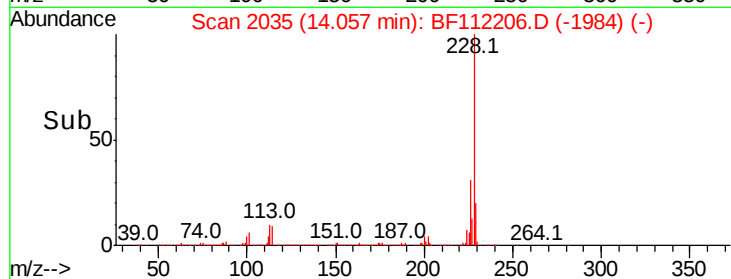
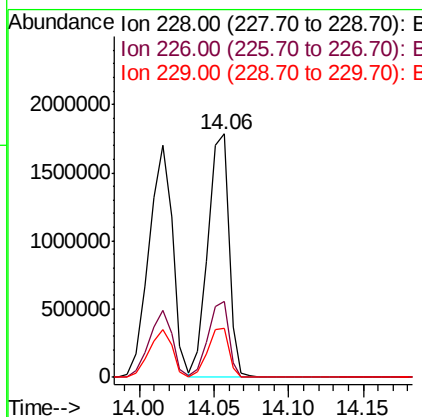
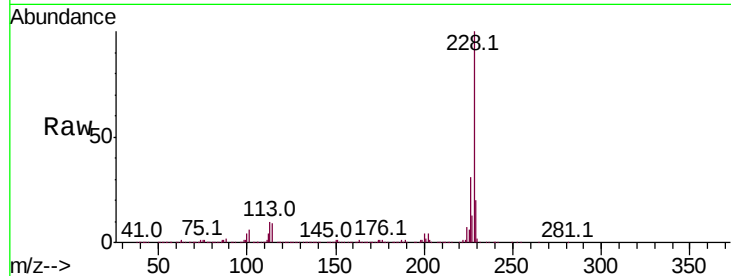
#83  
 Chrysene  
 Concen: 40.297 ng  
 RT: 14.06 min Scan# 2035  
 Delta R.T. 0.00 min  
 Lab File: BF112206.D  
 Acq: 24 Jan 2019 13:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.0  | 25.0  | 37.6  |
| 229     | 20.0  | 16.6  | 24.8  |

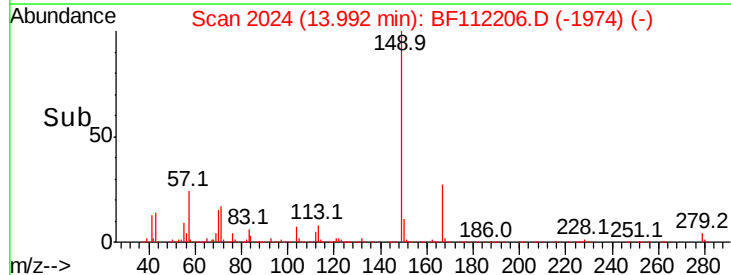
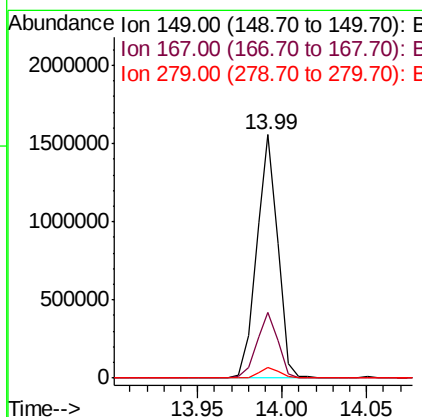
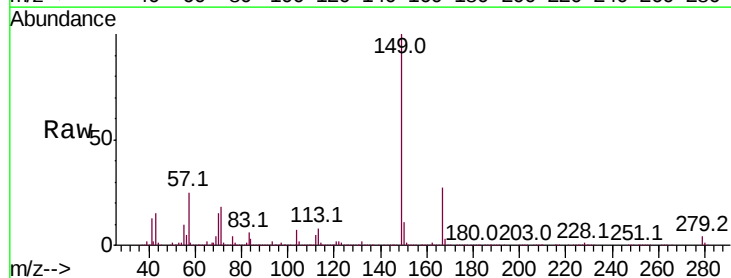
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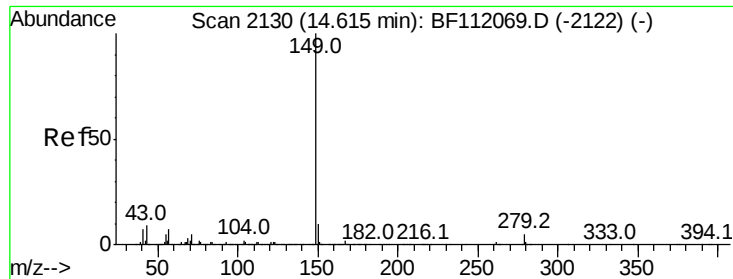
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.783 ng  
 RT: 13.99 min Scan# 2024  
 Delta R.T. -0.01 min  
 Lab File: BF112206.D  
 Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.2  | 22.5  | 33.7  |
| 279     | 4.2   | 3.8   | 5.6   |





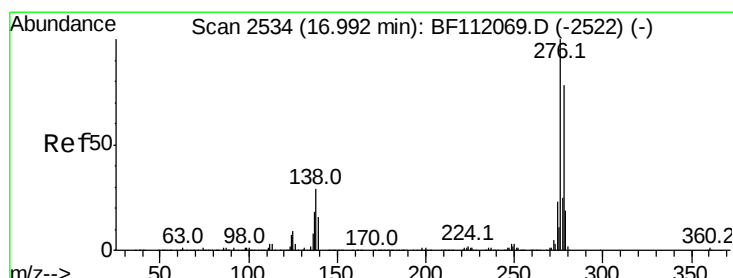
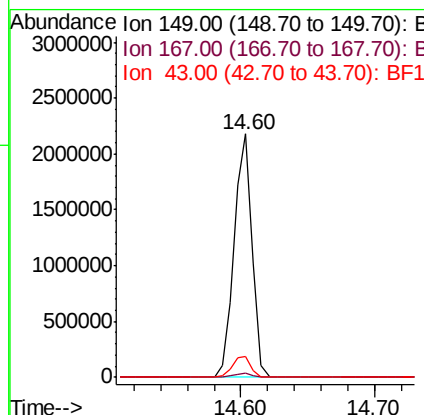
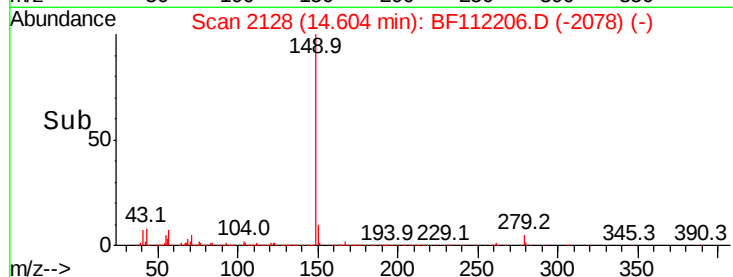
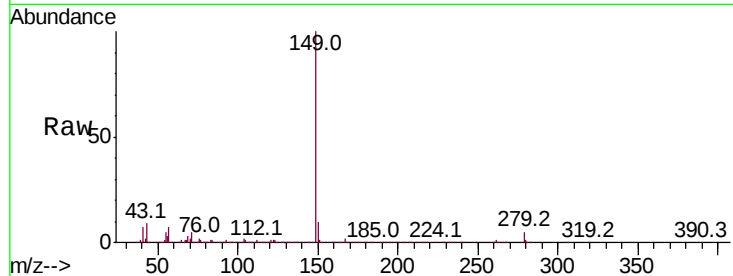
#85  
Di-n-octyl phthalate  
Concen: 40.329 ng  
RT: 14.60 min Scan# 2128  
Delta R.T. -0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 8.9   | 7.8   | 11.6  |

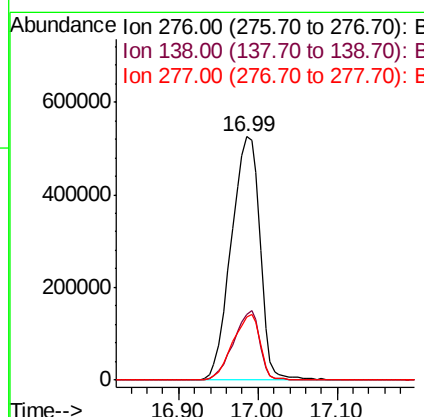
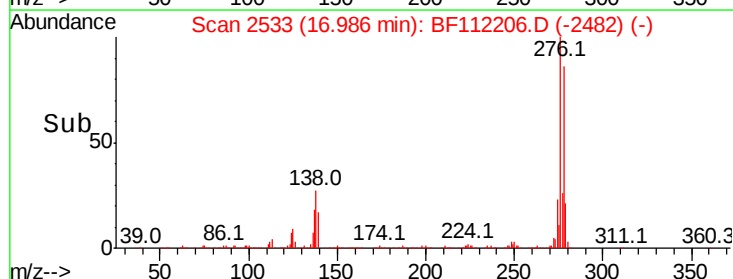
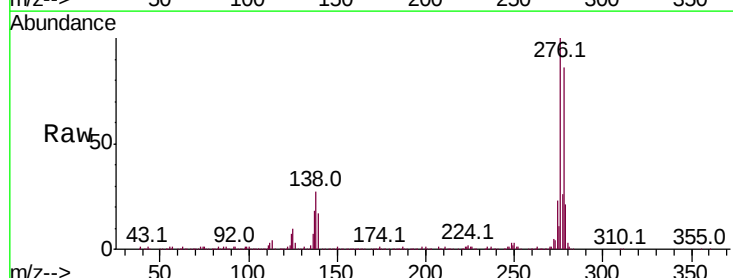
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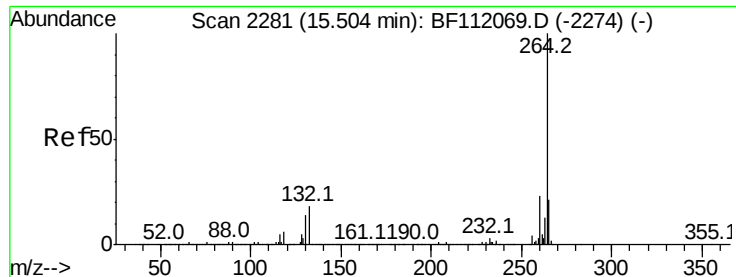
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 32.988 ng  
RT: 16.99 min Scan# 2533  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.3  | 22.6  | 34.0  |
| 277     | 25.7  | 20.3  | 30.5  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA\_F

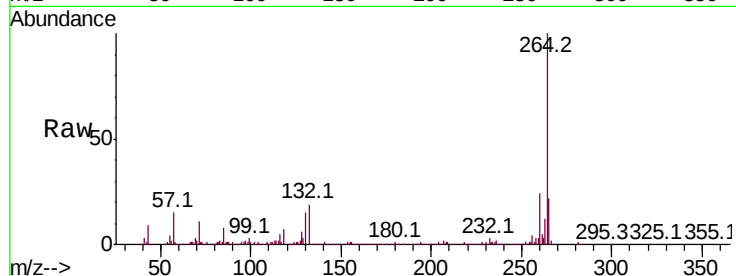
ClientSampleId :

PB116593BS

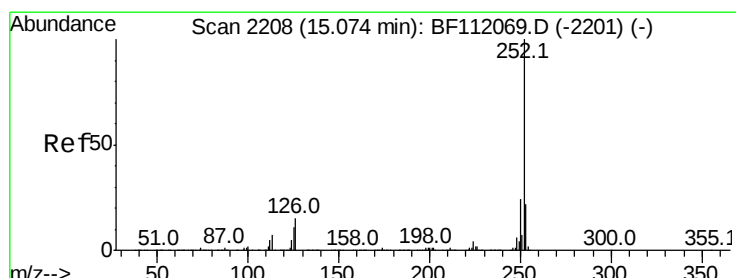
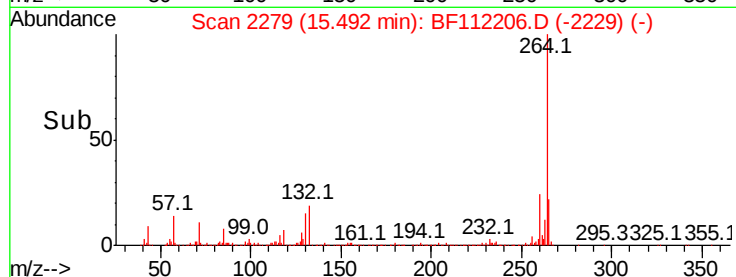
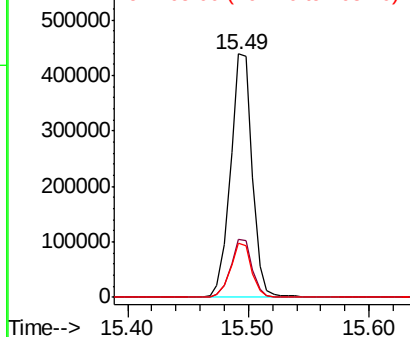
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 549970 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.8  | 18.2  | 27.2   |
| 265       | 22.0  | 17.0  | 25.4   |

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1/25/2019 10:04:58 AM



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: 48.694 ng

RT: 15.07 min Scan# 2207

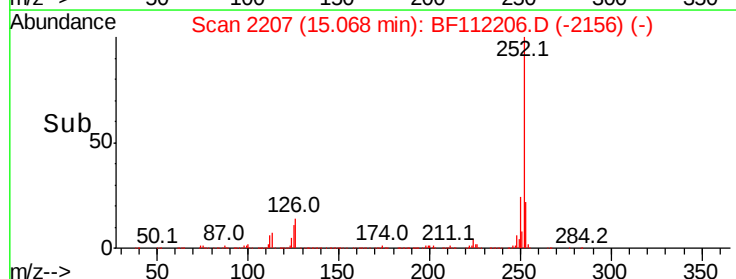
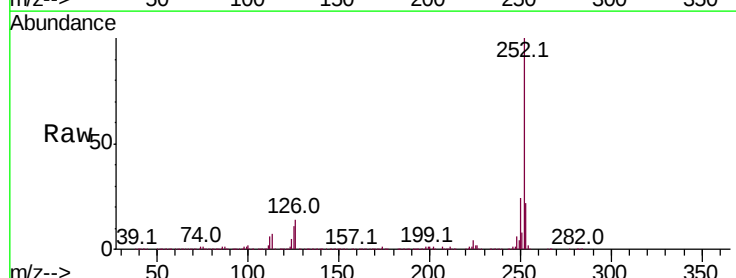
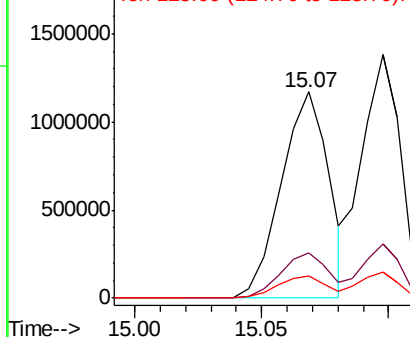
Delta R.T. 0.00 min

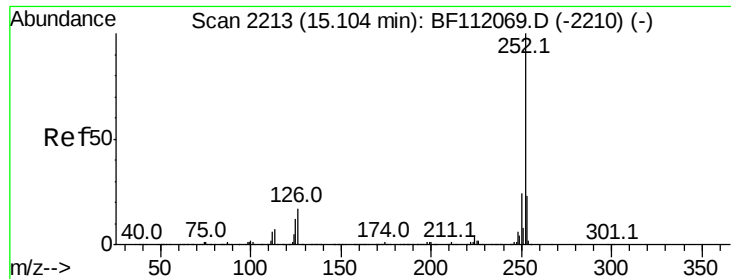
Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1520167 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 22.0  | 18.0  | 27.0    |
| 125       | 10.9  | 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





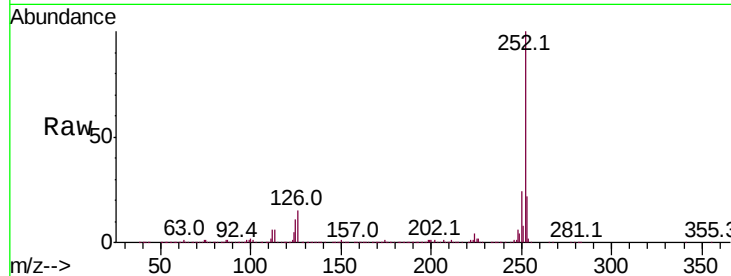
#89  
Benzo(k)fluoranthene  
Concen: 49.166 ng  
RT: 15.10 min Scan# 2212  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.0  | 27.0  |
| 125     | 10.9  | 9.1   | 13.7  |

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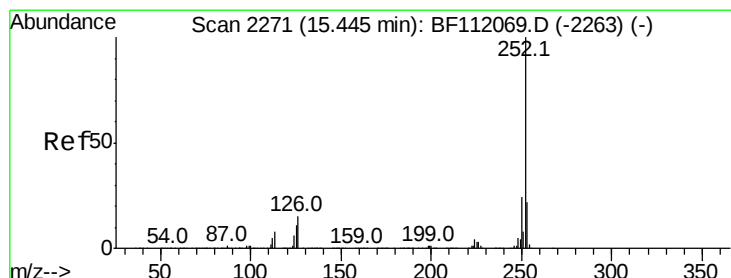
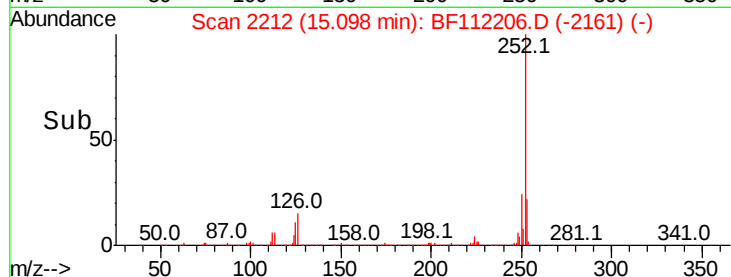
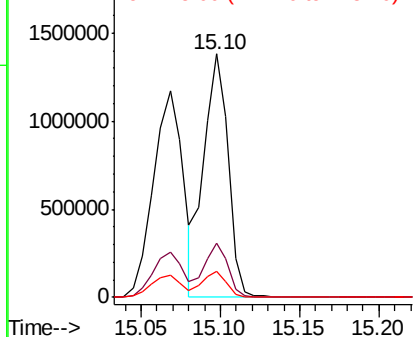


Abundance

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



#90  
Benzo(a)pyrene  
Concen: 48.005 ng  
RT: 15.44 min Scan# 2270  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

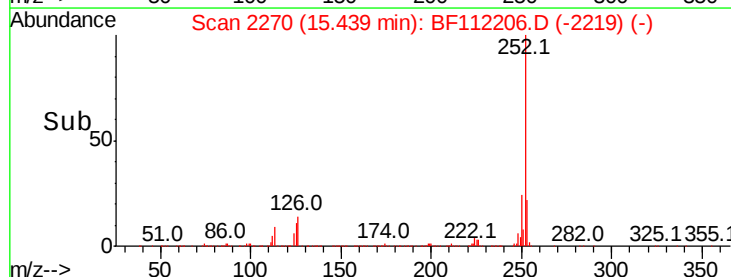
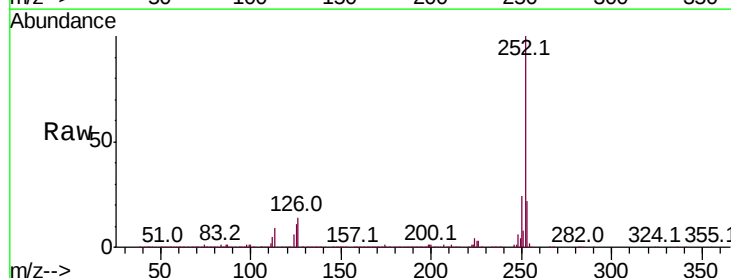
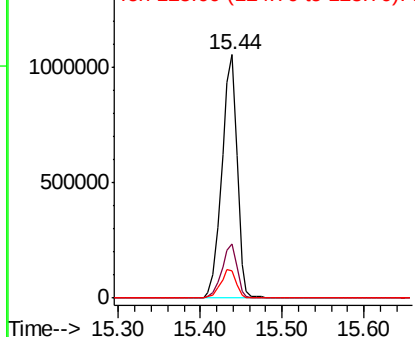
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.5  | 26.3  |
| 125     | 11.4  | 9.0   | 13.4  |

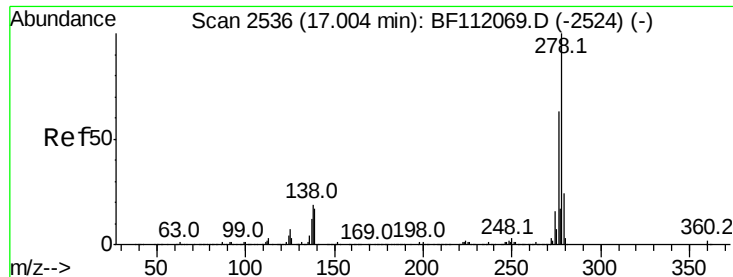
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





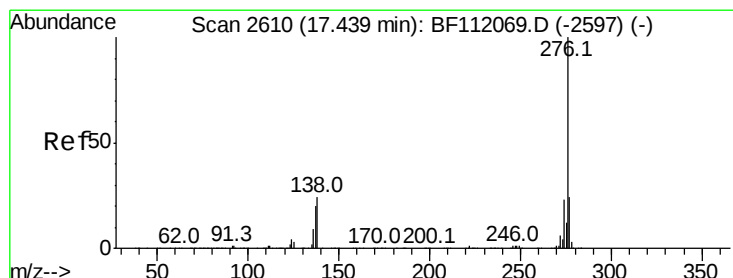
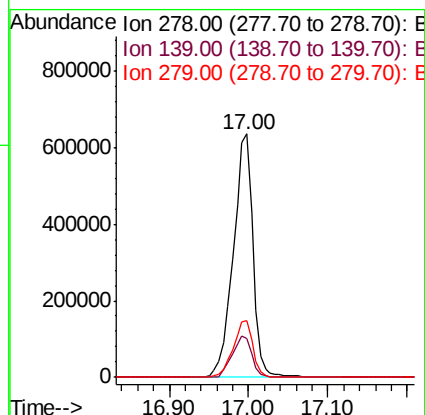
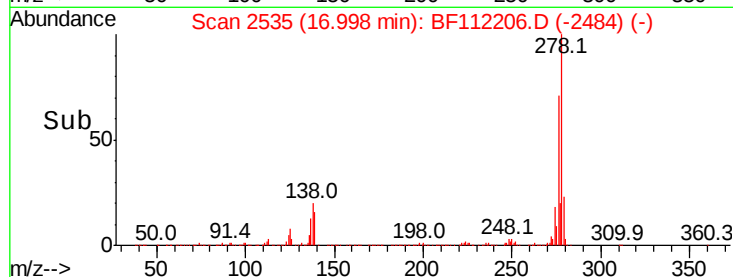
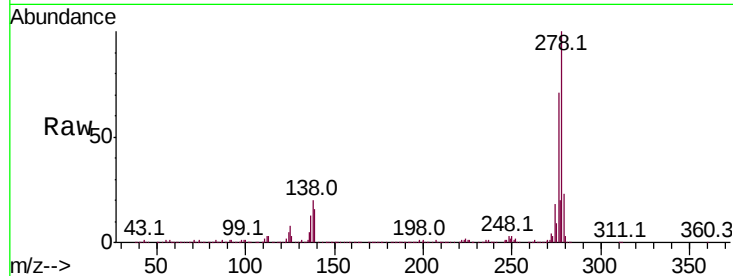
#91  
Dibenzo(a,h)anthracene  
Concen: 42.974 ng  
RT: 17.00 min Scan# 2535  
Delta R.T. 0.00 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Instrument :  
BNA\_F  
ClientSampleId :  
PB116593BS

Tot Ion:278 Resp: 1092746  
Ion Ratio Lower Upper  
278 100  
139 16.0 13.7 20.5  
279 23.3 19.0 28.6

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1/25/2019 10:04:58 AM



#92  
Benzo(g,h,i)perylene  
Concen: 43.534 ng  
RT: 17.43 min Scan# 2609  
Delta R.T. 0.01 min  
Lab File: BF112206.D  
Acq: 24 Jan 2019 13:56

Tgt Ion:276 Resp: 1090563  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.4 29.0  
138 23.4 19.1 28.7

