

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042219\  
 Data File : BF113878.D  
 Acq On : 22 Apr 2019 14:07  
 Operator : JU/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

Sohil  
 4/23/2019 4:07:42 PM

Quant Time: Apr 22 15:50:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 22 14:58:56 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 178044   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 702996   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.94  | 164  | 369486   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 720562   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 517059   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.56 | 264  | 423631   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 1035057 | 96.67  | ng | 0.00 |
| 7) Phenol-d6             | 6.53  | 99  | 1299329 | 97.30  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.46  | 82  | 1172136 | 101.54 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 449304  | 110.07 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.26  | 172 | 2204431 | 90.99  | ng | 0.00 |
| 79) Terphenyl-d14        | 13.00 | 244 | 2534822 | 102.80 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.70 | 88  | 244073  | 45.809 | ng | 98     |
| 3) Pyridine                    | 3.46 | 79  | 669072  | 45.640 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.41 | 42  | 230013  | 44.956 | ng | 97     |
| 6) Aniline                     | 6.56 | 93  | 896757  | 47.325 | ng | 98     |
| 8) 2-Chlorophenol              | 6.69 | 128 | 599924  | 49.922 | ng | 99     |
| 9) Benzaldehyde                | 6.45 | 77  | 341127  | 42.972 | ng | 96     |
| 10) Phenol                     | 6.54 | 94  | 784787  | 52.427 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93  | 588943  | 48.466 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.85 | 146 | 671659  | 50.306 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 674090  | 50.464 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 617816  | 50.188 | ng | 98     |
| 15) Benzyl Alcohol             | 7.04 | 79  | 452767  | 41.855 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 683520  | 46.374 | ng | 93     |
| 17) 2-Methylphenol             | 7.15 | 107 | 502908  | 51.233 | ng | 98     |
| 18) Hexachloroethane           | 7.42 | 117 | 240042  | 50.108 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 416813  | 46.764 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 586539  | 49.731 | ng | 95     |
| 22) Acetophenone               | 7.31 | 105 | 771630  | 48.176 | ng | 99     |
| 24) Nitrobenzene               | 7.48 | 77  | 642527  | 49.523 | ng | 98     |
| 25) Isophorone                 | 7.72 | 82  | 1144915 | 47.900 | ng | 98     |
| 26) 2-Nitrophenol              | 7.79 | 139 | 302847  | 58.756 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 468637  | 47.621 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 737346  | 48.546 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.04 | 162 | 536402  | 51.156 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 590850  | 50.729 | ng | 100    |
| 31) Naphthalene                | 8.20 | 128 | 1647715 | 49.552 | ng | 99     |
| 32) Benzoic acid               | 7.96 | 122 | 331505m | 54.379 | ng |        |
| 33) 4-Chloroaniline            | 8.25 | 127 | 694856  | 49.258 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 371146  | 52.155 | ng | 99     |
| 35) Caprolactam                | 8.62 | 113 | 168160  | 49.680 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 525560  | 50.547 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 1115658 | 50.569 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 1075656 | 50.246 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 600004  | 51.171 | ng | 100    |

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 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

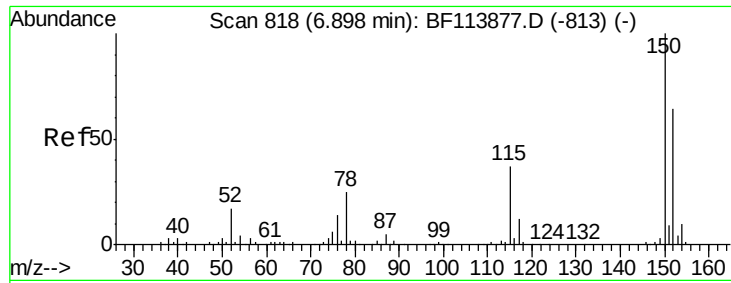
Sohil  
 4/23/2019 4:07:42 PM

Quant Time: Apr 22 15:50:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 22 14:58:56 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 342243   | 53.095 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 379810   | 50.322 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.21  | 196  | 431908   | 53.026 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 1394973  | 49.893 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.39  | 162  | 1137207  | 49.685 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.47  | 65   | 315788   | 53.022 | ng    | 99       |
| 49) Acenaphthylene             | 9.80  | 152  | 1771998  | 49.499 | ng    | 99       |
| 50) Dimethylphthalate          | 9.66  | 163  | 1313333  | 50.791 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.72  | 165  | 297585   | 52.148 | ng    | 95       |
| 52) Acenaphthene               | 9.97  | 154  | 1051089  | 50.057 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.88  | 138  | 311487   | 51.548 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 111262   | 64.086 | ng    | # 3      |
| 55) Dibenzofuran               | 10.15 | 168  | 1575967  | 50.102 | ng    | 99       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 248272   | 50.487 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 384276   | 54.278 | ng    | 94       |
| 58) Fluorene                   | 10.49 | 166  | 1160397  | 49.453 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 376651   | 54.190 | ng    | 98       |
| 60) Diethylphthalate           | 10.36 | 149  | 1260358  | 50.858 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 627754   | 52.243 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.50 | 138  | 294422   | 50.652 | ng    | 97       |
| 63) Azobenzene                 | 10.63 | 77   | 1216261  | 47.761 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 162525   | 59.531 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 1070082  | 48.991 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 427302   | 50.498 | ng    | 97       |
| 68) Hexachlorobenzene          | 11.04 | 284  | 477969   | 51.364 | ng    | 95       |
| 69) Atrazine                   | 11.12 | 200  | 335179   | 49.599 | ng    | 99       |
| 70) Pentachlorophenol          | 11.22 | 266  | 280900   | 53.247 | ng    | 98       |
| 71) Phenanthrene               | 11.44 | 178  | 1788623  | 48.738 | ng    | 100      |
| 72) Anthracene                 | 11.50 | 178  | 1790907  | 48.427 | ng    | 99       |
| 73) Carbazole                  | 11.64 | 167  | 1599639  | 47.642 | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.98 | 149  | 1883743  | 50.409 | ng    | 100      |
| 75) Fluoranthene               | 12.63 | 202  | 1856395  | 47.730 | ng    | 99       |
| 77) Benzidine                  | 12.74 | 184  | 776358   | 51.868 | ng    | 98       |
| 78) Pyrene                     | 12.86 | 202  | 1841495  | 50.535 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 720531   | 53.377 | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.06 | 228  | 1524250  | 50.430 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.01 | 252  | 558287   | 51.969 | ng    | 99       |
| 83) Chrysene                   | 14.09 | 228  | 1470505  | 49.017 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 912222   | 56.488 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.67 | 149  | 1401378  | 55.929 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.06 | 276  | 1355505  | 55.348 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.13 | 252  | 1389578  | 52.617 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.16 | 252  | 1111328  | 46.202 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.50 | 252  | 1164994  | 49.889 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.07 | 278  | 1108055  | 53.329 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.50 | 276  | 1125860  | 53.310 | ng    | 99       |

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





#1

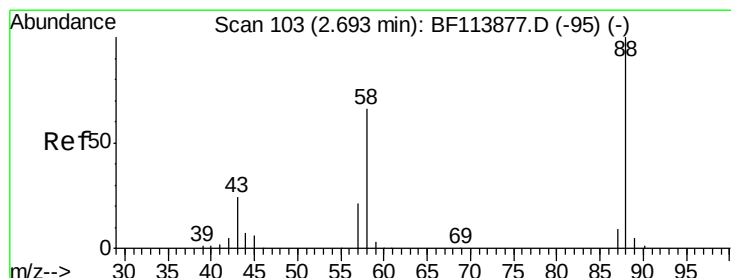
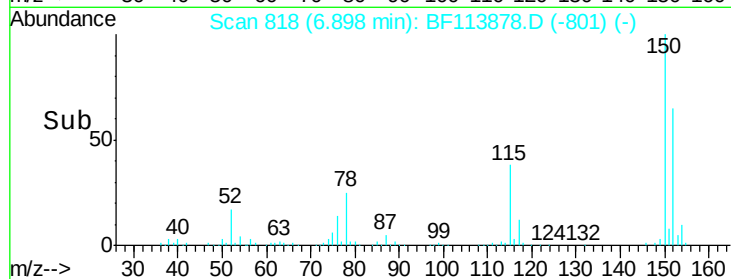
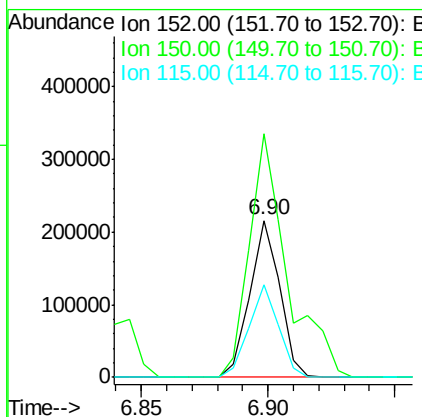
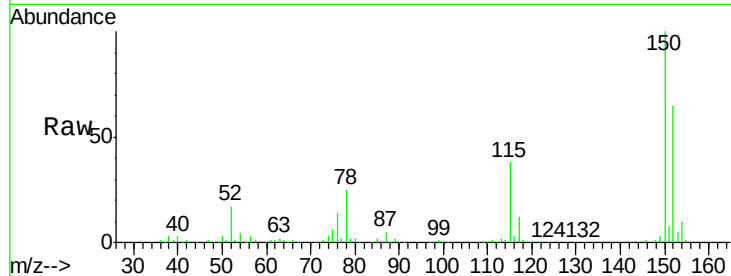
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.0 | 125.9 | 188.9 |
| 115     | 58.8  | 45.9  | 68.9  |

Manual Integrations  
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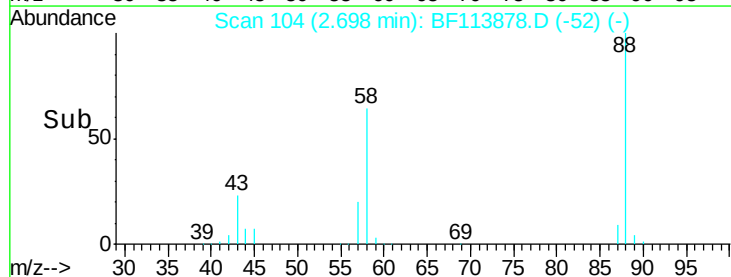
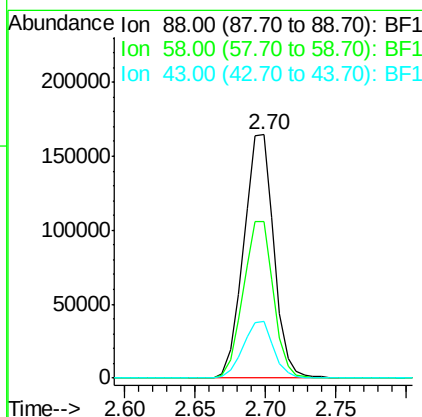
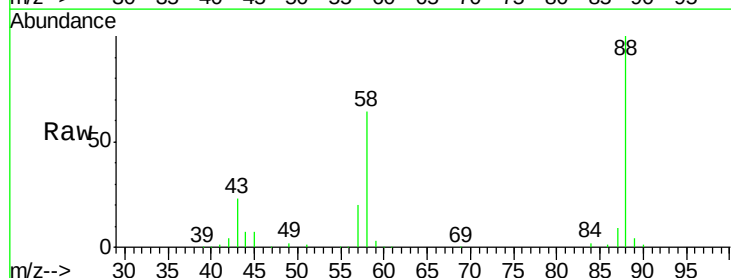
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4/23/2019 4:07:42 PM

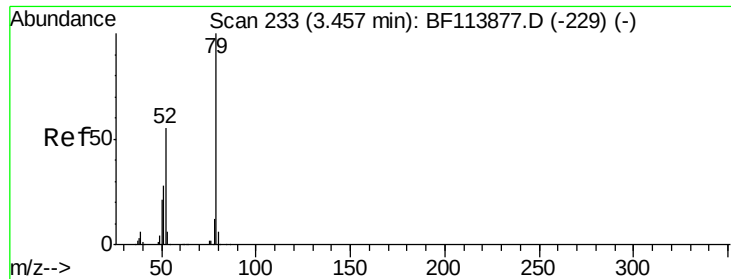


#2

1,4-Dioxane  
Concen: 45.809 ng  
RT: 2.70 min Scan# 104  
Delta R.T. 0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 64.7  | 53.3  | 79.9  |
| 43      | 23.5  | 19.0  | 28.4  |





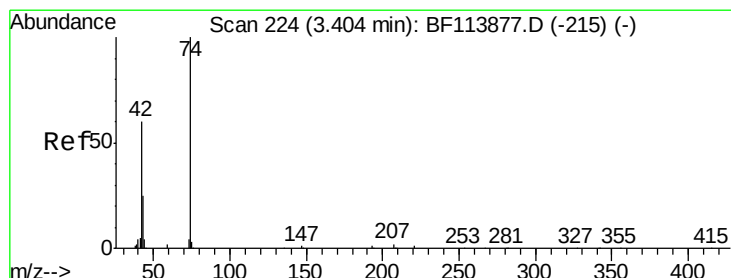
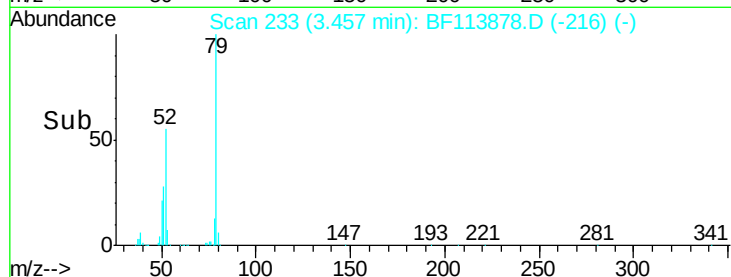
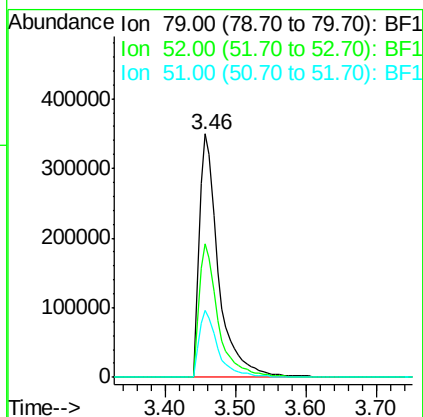
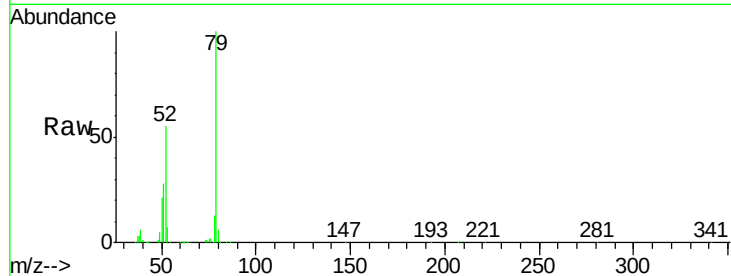
#3  
 Pyridine  
 Concen: 45.640 ng  
 RT: 3.46 min Scan# 233  
 Delta R.T. -0.00 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 54.8  | 45.3  | 67.9  |
| 51      | 27.7  | 22.1  | 33.1  |

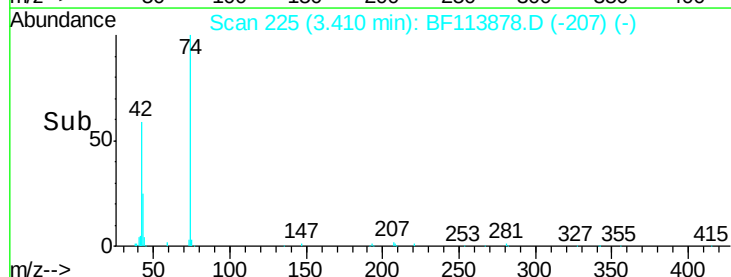
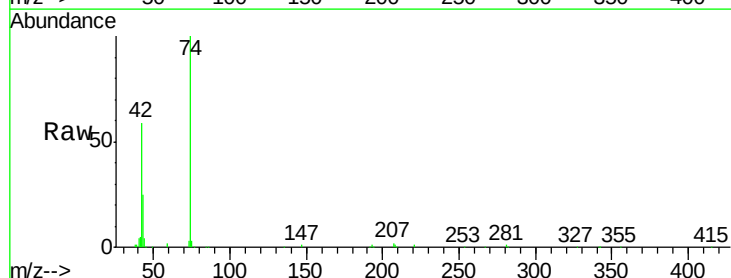
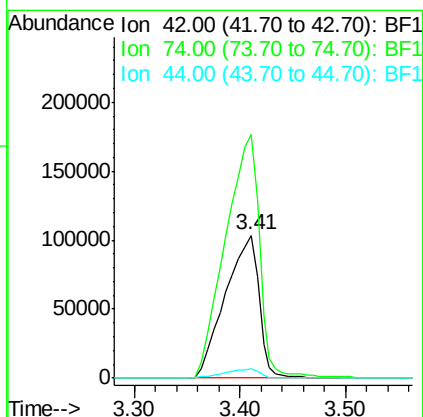
Manual Integrations  
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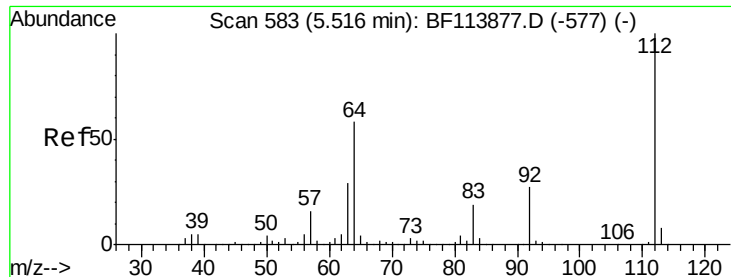
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 4/23/2019 4:07:42 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 44.956 ng  
 RT: 3.41 min Scan# 225  
 Delta R.T. 0.01 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 170.4 | 132.6 | 198.8 |
| 44      | 6.5   | 5.8   | 8.8   |





#5

2-Fluorophenol

Concen: 96.665 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

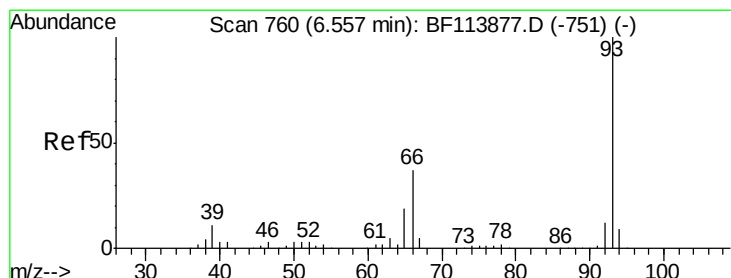
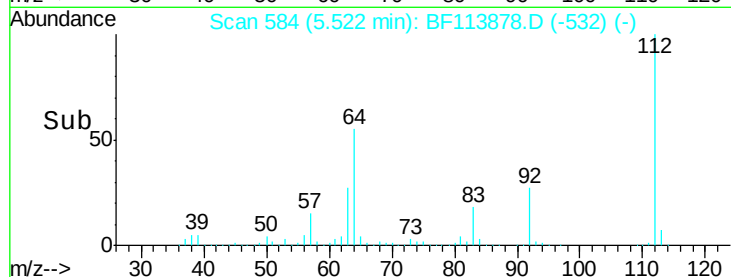
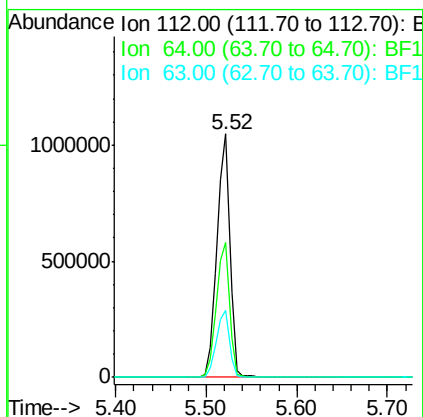
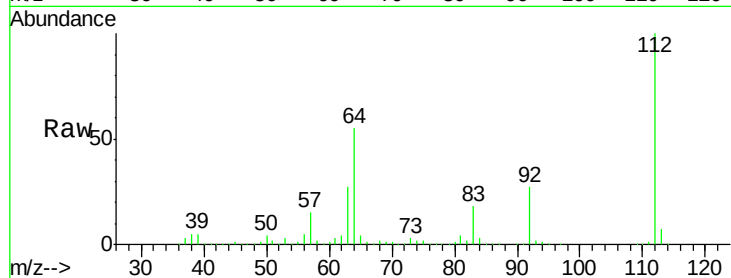
ClientSampleID :

SSTDIC050

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 112   | Resp: | 1035057 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 55.4  | 46.6  | 69.8    |
| 63       | 27.3  | 23.1  | 34.7    |

Manual Integrations  
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#6

Aniline

Concen: 47.325 ng

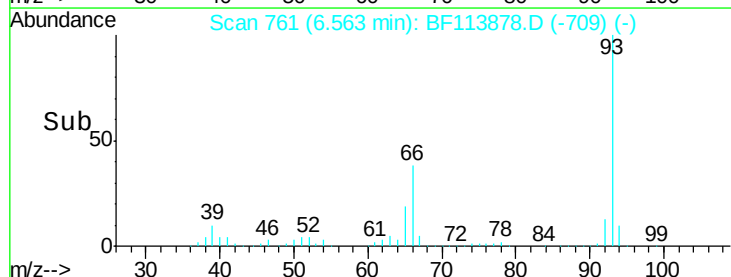
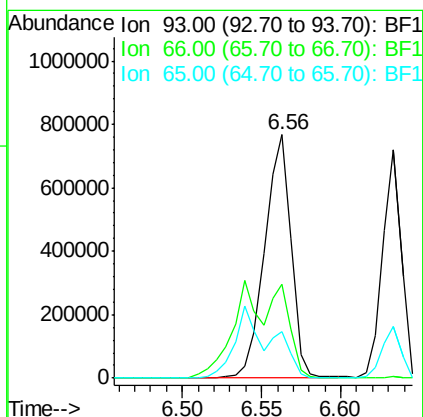
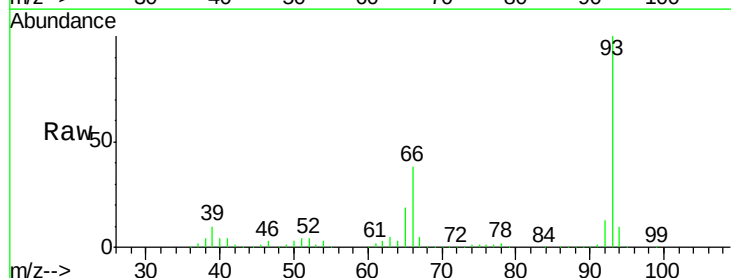
RT: 6.56 min Scan# 761

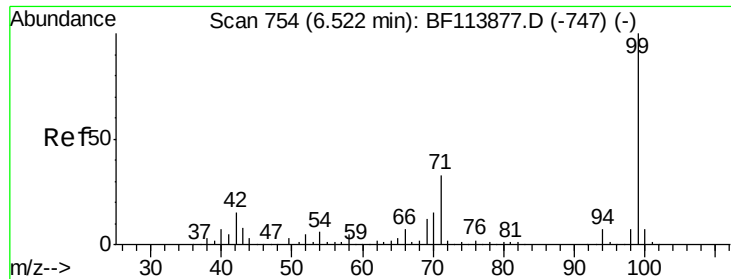
Delta R.T. 0.01 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 896757 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 38.4  | 29.8  | 44.6   |
| 65       | 19.2  | 14.9  | 22.3   |





#7

Phenol-d6

Concen: 97.305 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

ClientSampled :

SSTDICC050

Tgt Ion: 99 Resp: 1299329

Ion Ratio Lower Upper

99 100

42 15.2 12.5 18.7

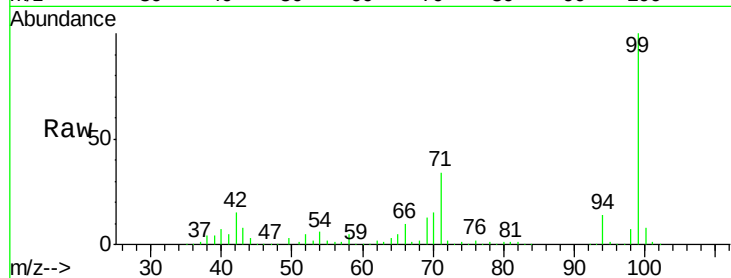
71 33.6 26.9 40.3

Manual Integrations

APPROVED

Sohil

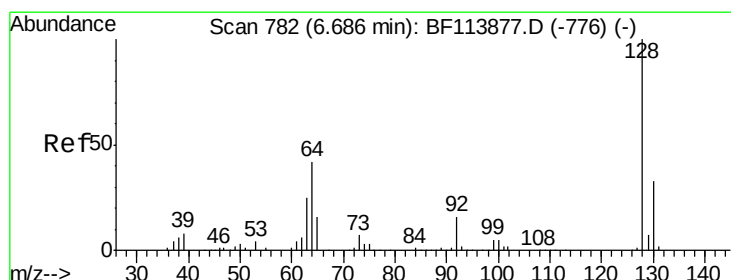
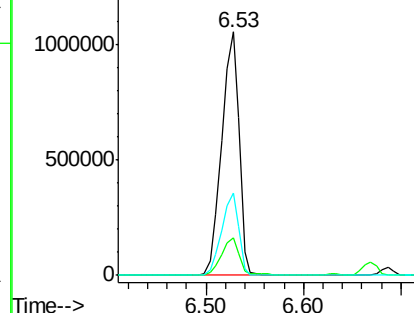
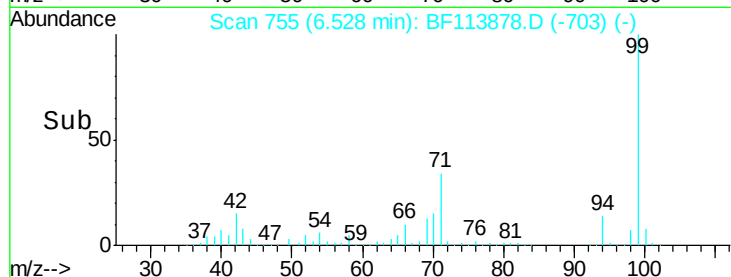
4/23/2019 4:07:42 PM



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: 49.922 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

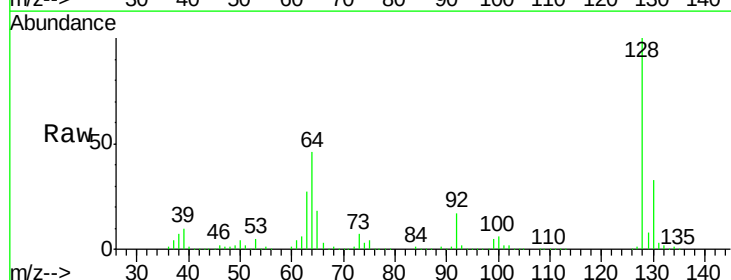
Tgt Ion: 128 Resp: 599924

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

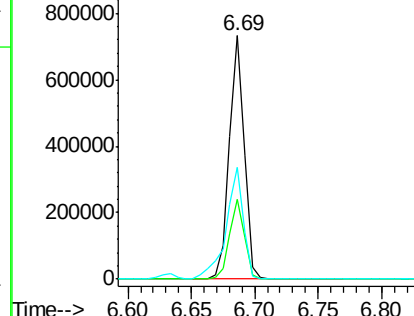
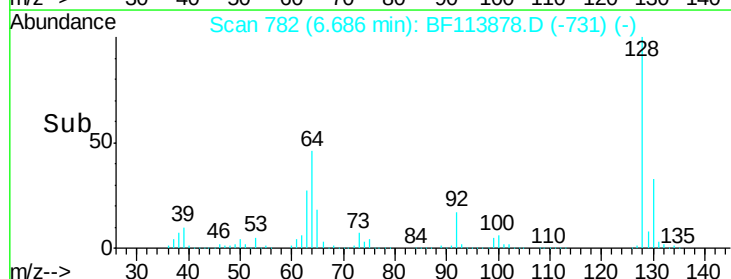
64 45.8 26.1 66.1



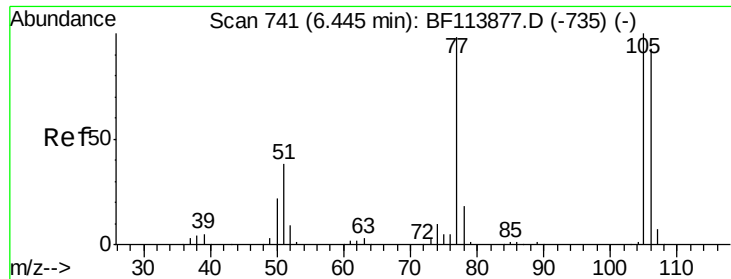
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 42.972 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

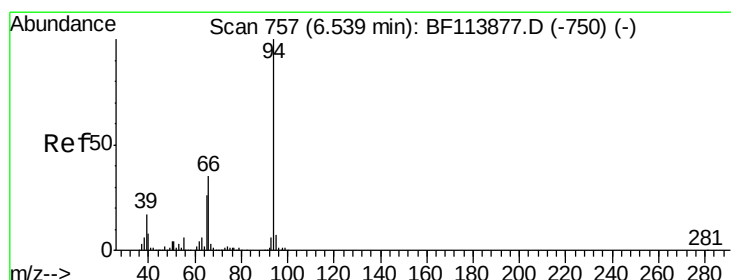
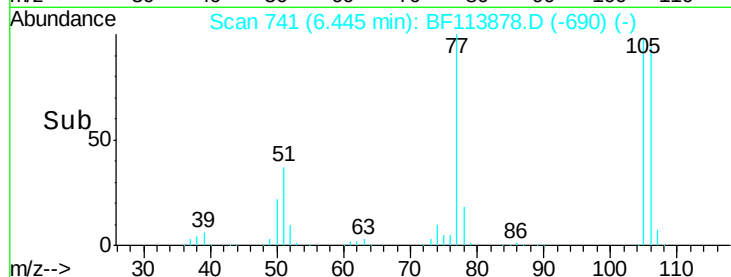
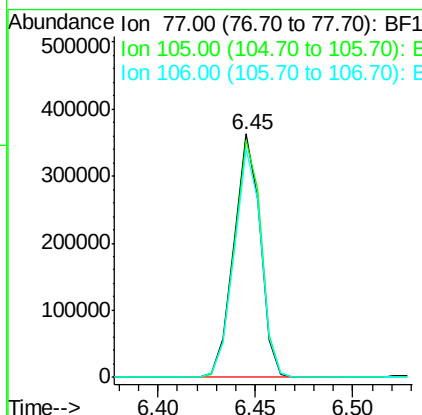
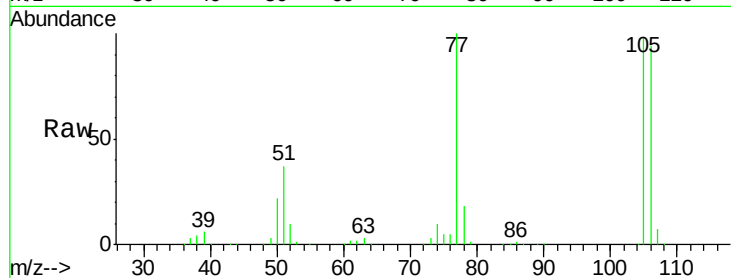
ClientSampleId :

SSTDICC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 341127 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 97.6  | 74.1  | 114.1  |
| 106      | 94.0  | 70.3  | 110.3  |

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#10

Phenol

Concen: 52.427 ng

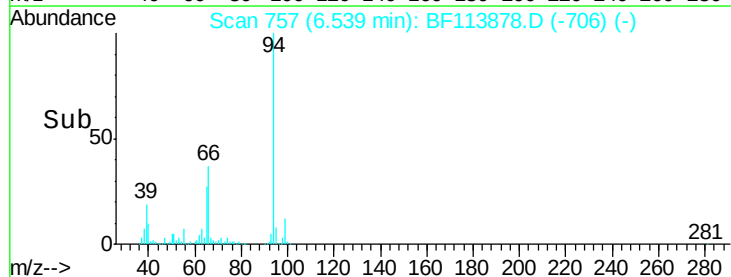
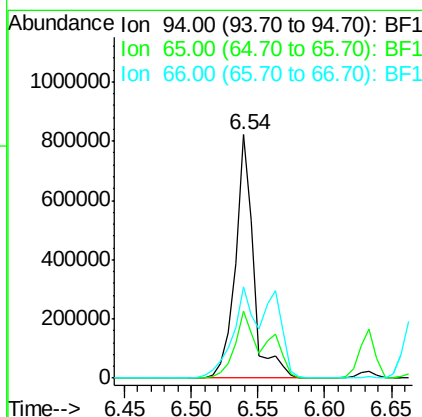
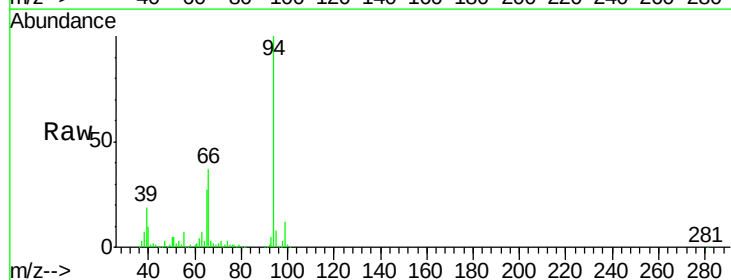
RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

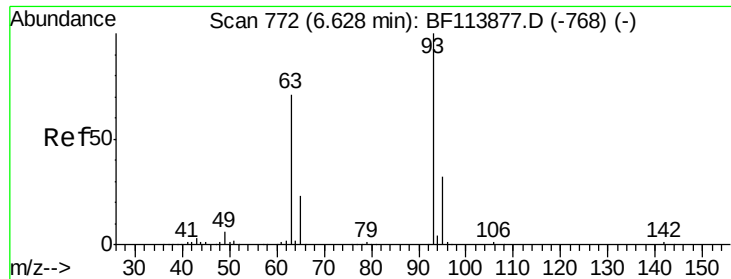
Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 784787 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 27.4  | 8.1   | 48.1   |
| 66       | 37.4  | 16.6  | 56.6   |







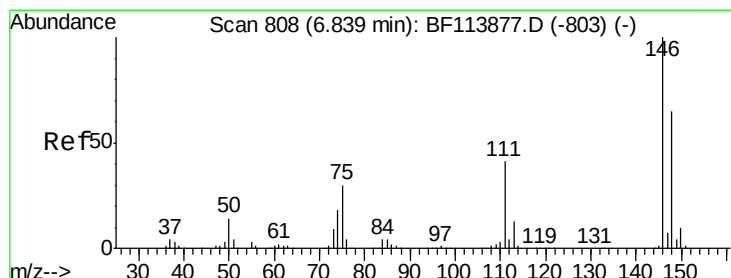
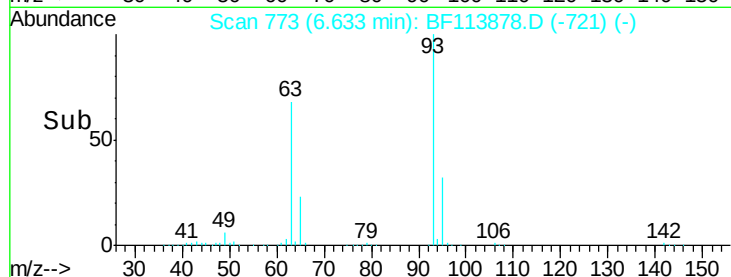
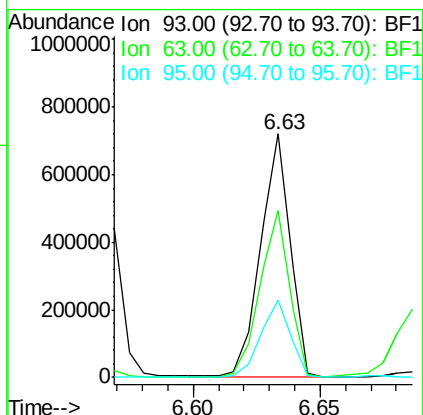
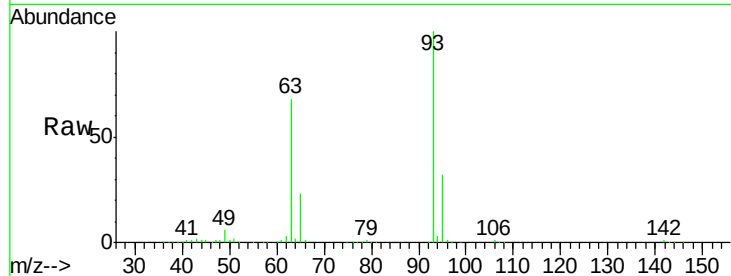
#11  
bis(2-Chloroethyl)ether  
Concen: 48.466 ng  
RT: 6.63 min Scan# 773  
Delta R.T. 0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 588943 |       |       |
| 63      | 68.5  | 50.7   | 90.7  |       |
| 95      | 31.9  | 12.3   | 52.3  |       |

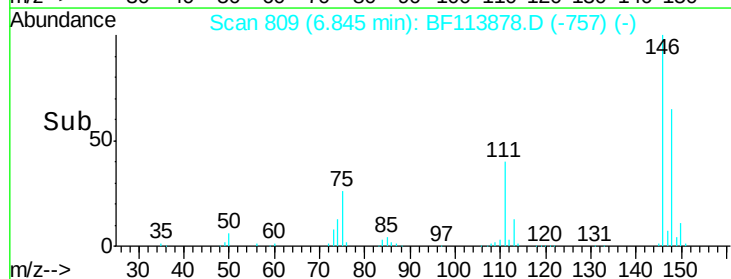
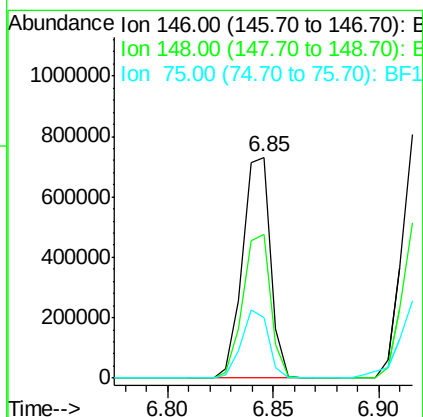
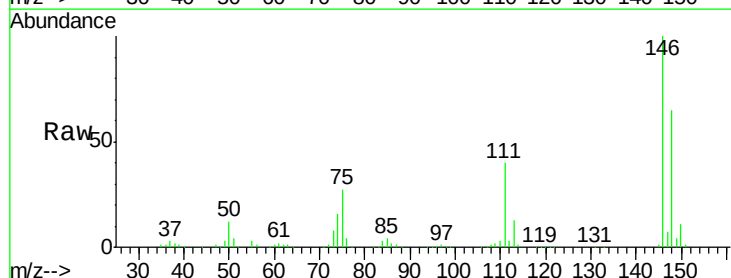
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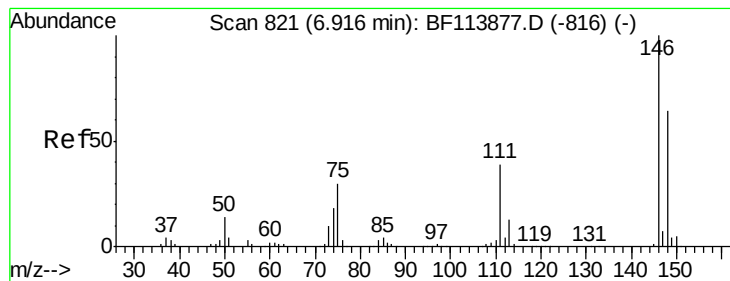
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#12  
1,3-Dichlorobenzene  
Concen: 50.306 ng  
RT: 6.85 min Scan# 809  
Delta R.T. 0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 671659 |       |       |
| 148     | 65.3  | 51.0   | 76.6  |       |
| 75      | 27.3  | 23.8   | 35.8  |       |





#13

1,4-Dichlorobenzene

Concen: 50.464 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

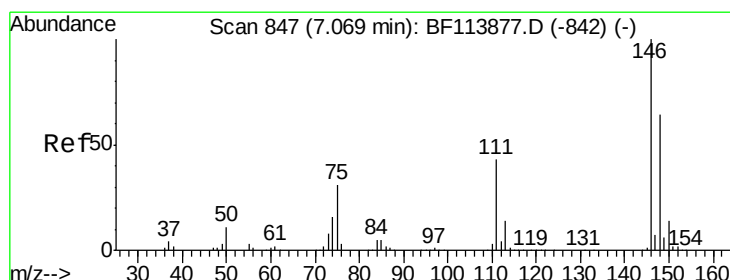
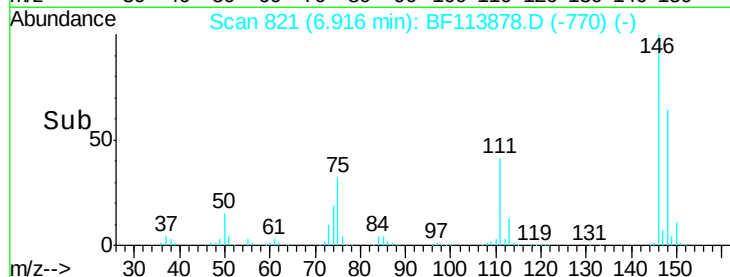
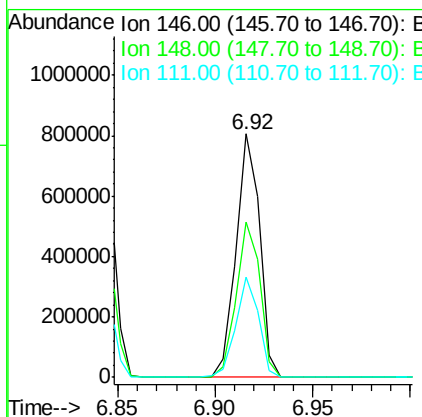
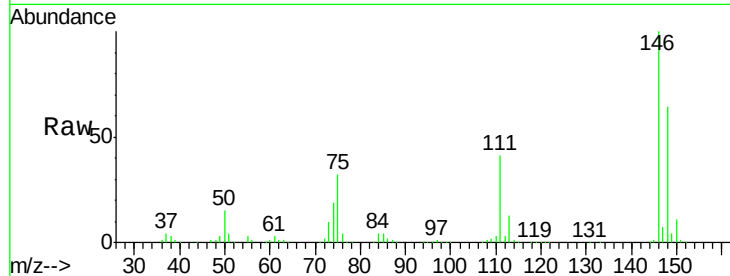
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 674090 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.0  | 51.8  | 77.8   |
| 111       | 41.1  | 30.9  | 46.3   |

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#14

1,2-Dichlorobenzene

Concen: 50.188 ng

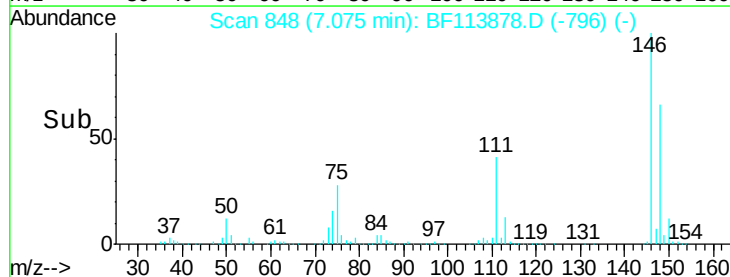
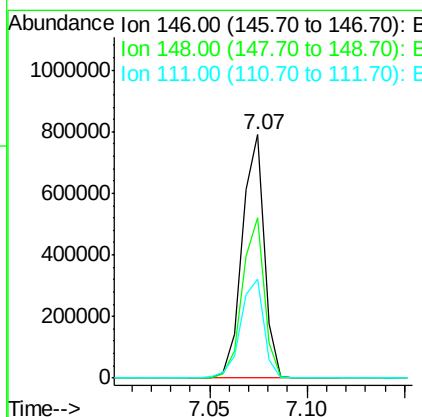
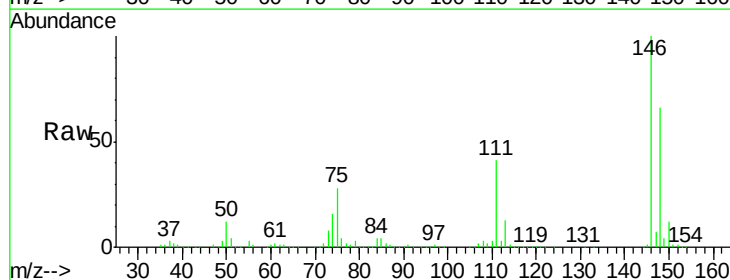
RT: 7.07 min Scan# 848

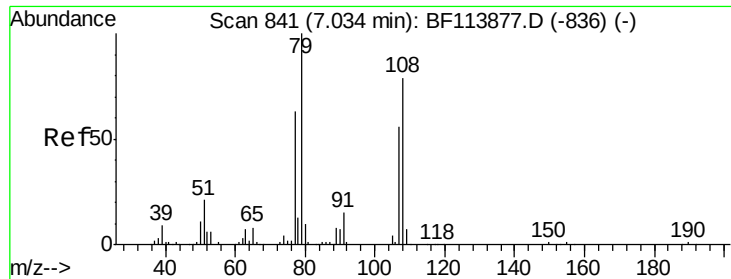
Delta R.T. 0.01 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 617816 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.1  | 52.1  | 78.1   |
| 111       | 40.9  | 34.2  | 51.4   |





#15

Benzyl Alcohol

Concen: 41.855 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

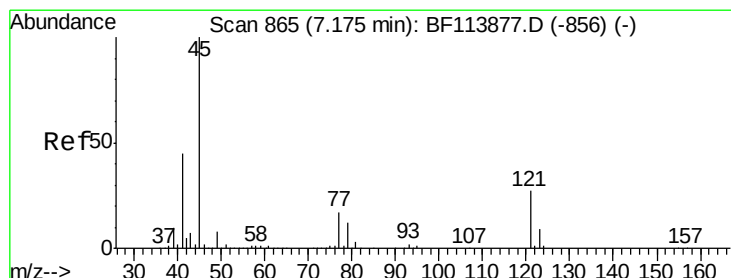
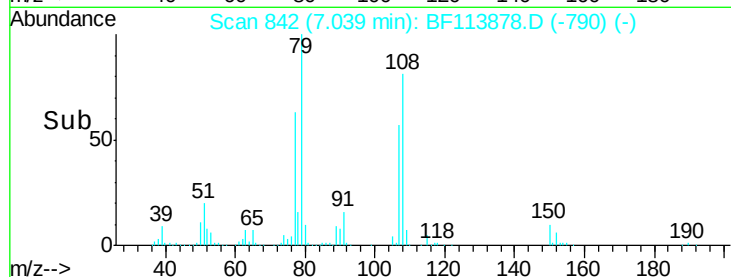
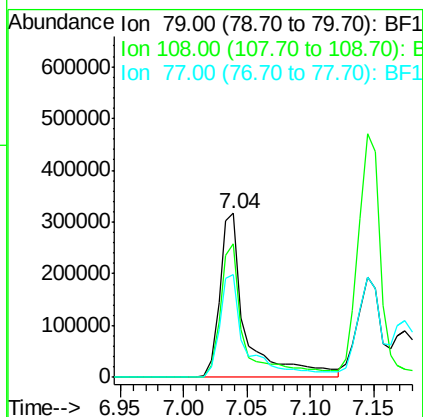
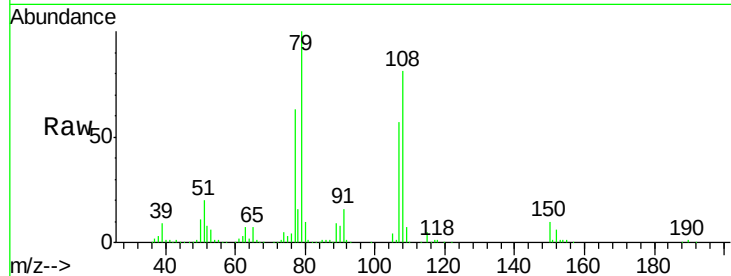
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 452767 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 81.2  | 61.4  | 92.0   |
| 77        | 62.7  | 51.6  | 77.4   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.374 ng

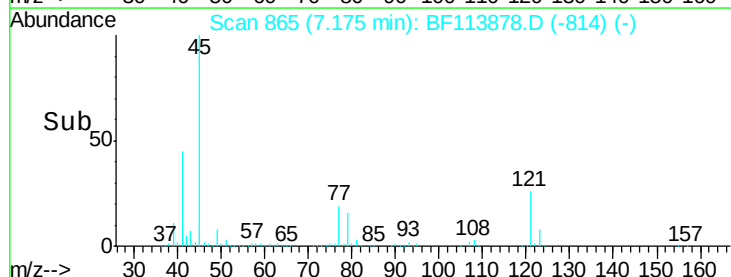
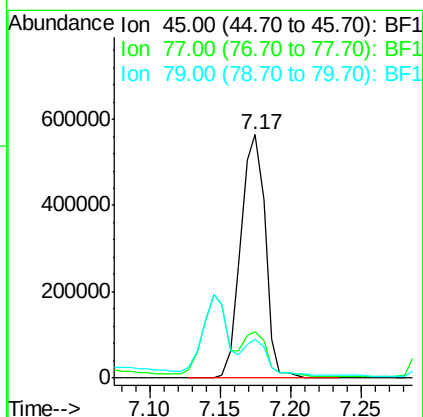
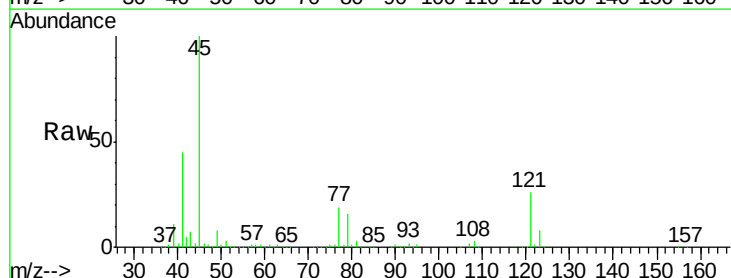
RT: 7.17 min Scan# 865

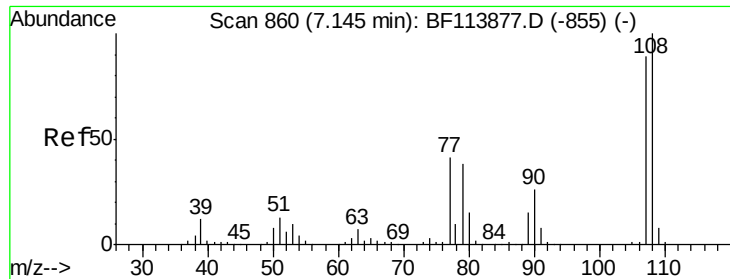
Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 683520 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 19.3  | 0.0   | 37.0   |
| 79        | 15.9  | 0.0   | 32.7   |





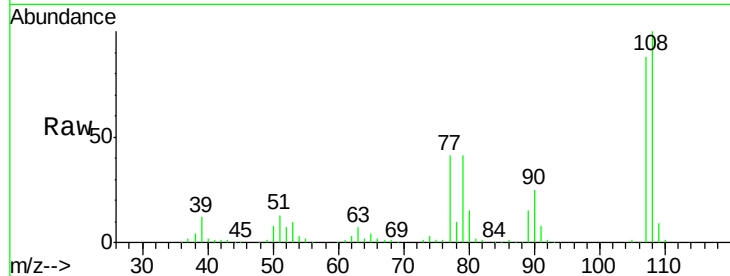
#17  
2-Methylphenol  
Concen: 51.233 ng  
RT: 7.15 min Scan# 860  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICC050

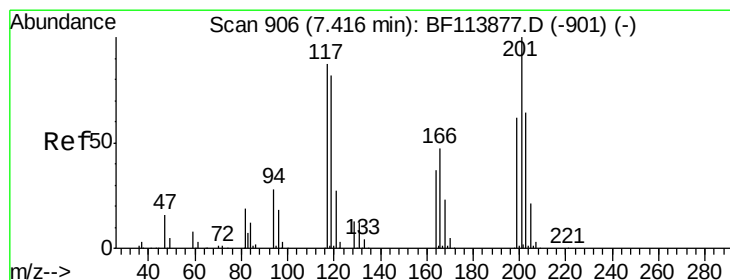
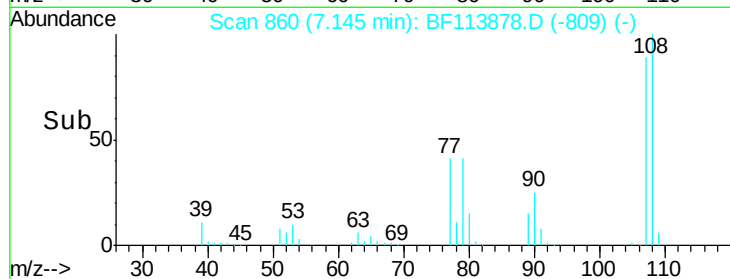
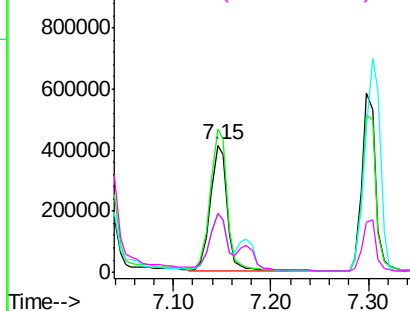
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 502908 |       |       |
| 108     | 113.0 | 91.5   | 137.3 |       |
| 77      | 46.5  | 36.2   | 54.4  |       |
| 79      | 46.3  | 35.4   | 53.0  |       |

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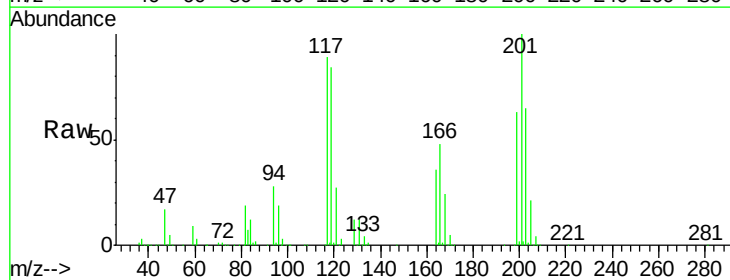


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

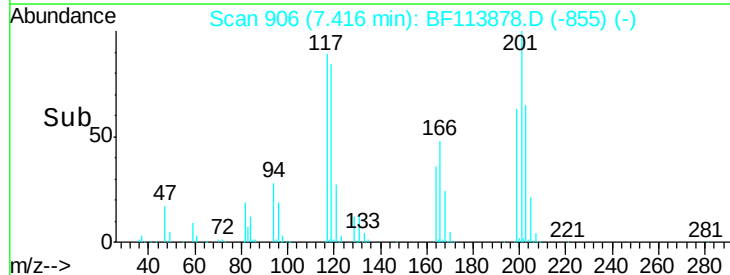
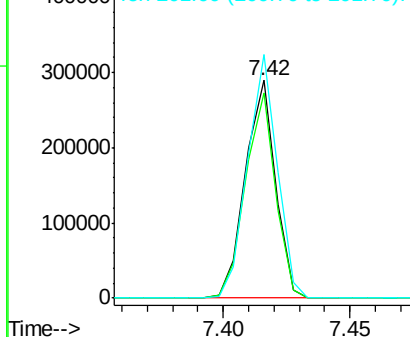


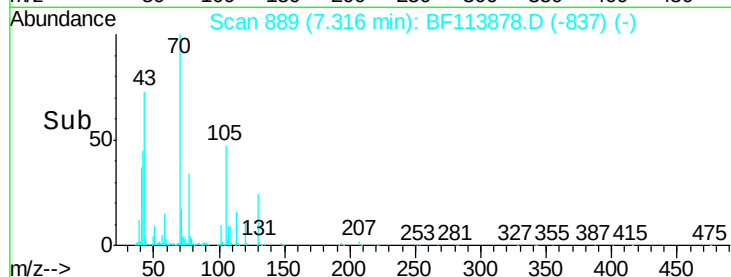
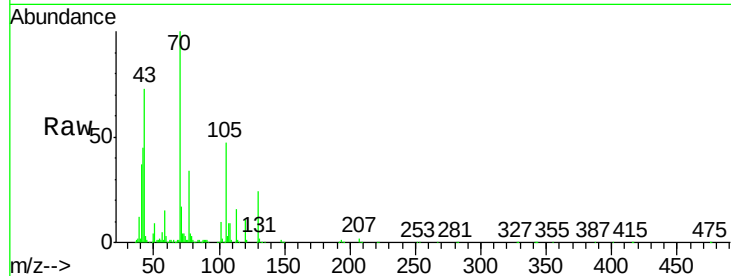
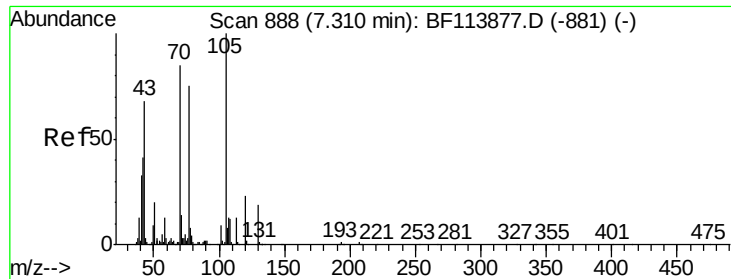
#18  
Hexachloroethane  
Concen: 50.108 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 240042 |       |       |
| 119     | 94.1  | 74.4   | 111.6 |       |
| 201     | 111.8 | 90.2   | 135.2 |       |



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





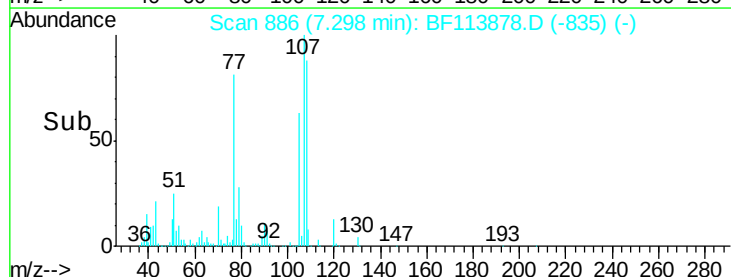
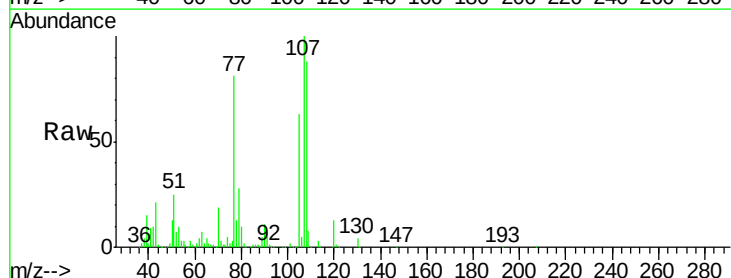
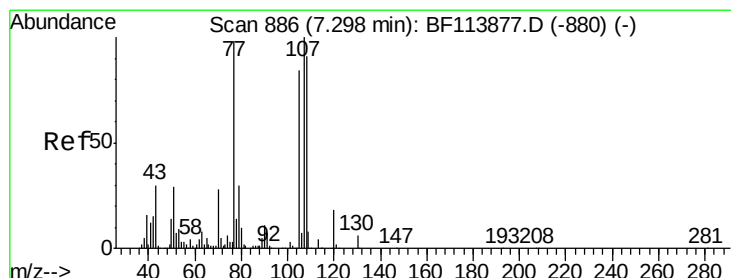
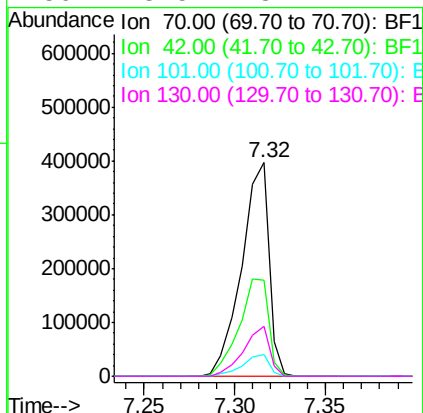
#19  
n-Nitroso-di-n-propylamine  
Concen: 46.764 ng  
RT: 7.32 min Scan# 889  
Delta R.T. 0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 45.0  | 37.3  | 55.9  |
| 101     | 9.9   | 7.8   | 11.8  |
| 130     | 23.5  | 18.2  | 27.2  |

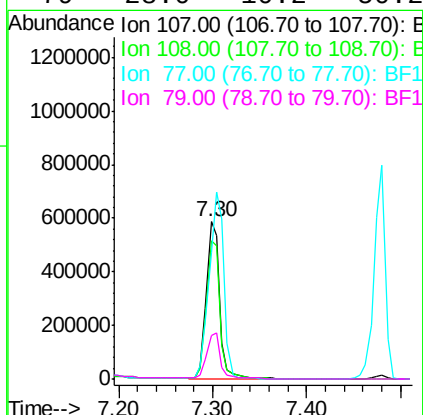
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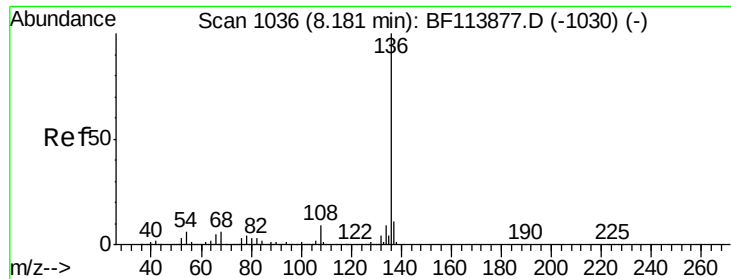
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#20  
3+4-Methylphenols  
Concen: 49.731 ng  
RT: 7.30 min Scan# 886  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.9  | 70.1  | 110.1 |
| 77      | 80.8  | 52.9  | 92.9  |
| 79      | 28.0  | 10.2  | 50.2  |





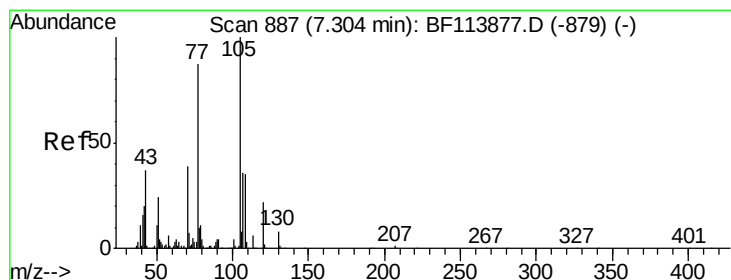
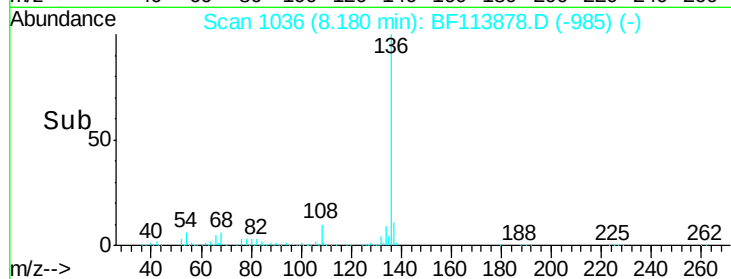
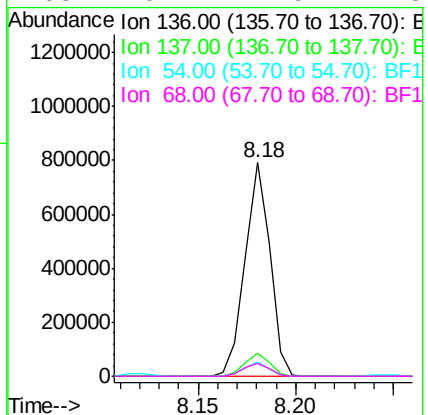
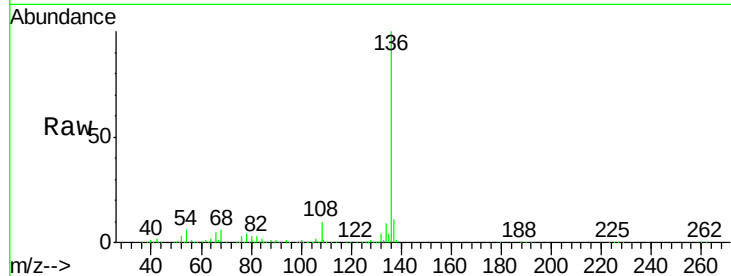
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 702996 |       |       |
| 137     | 11.1  | 8.6    | 12.8  |       |
| 54      | 6.4   | 5.0    | 7.6   |       |
| 68      | 6.1   | 4.9    | 7.3   |       |

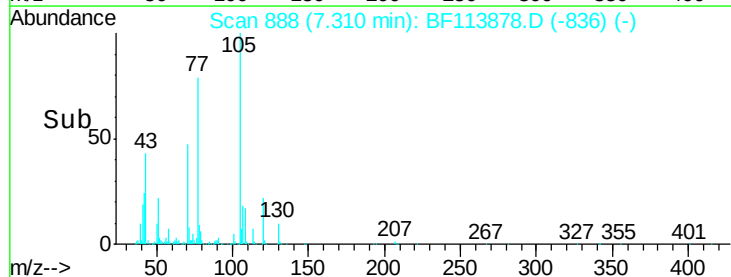
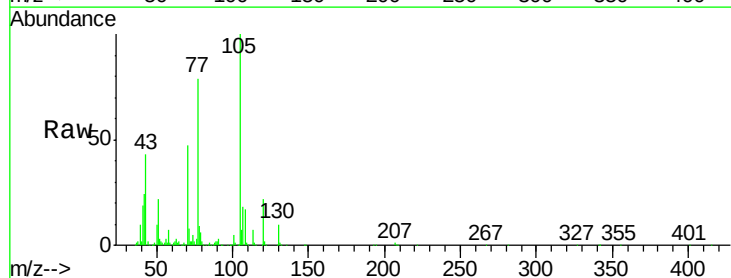
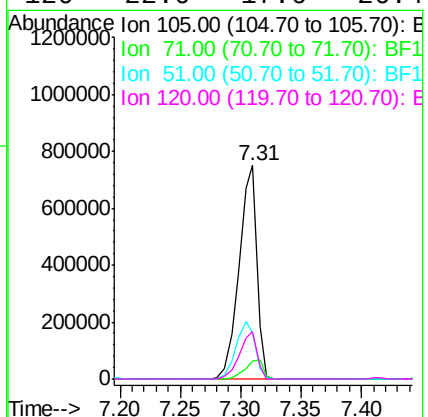
Manual Integrations  
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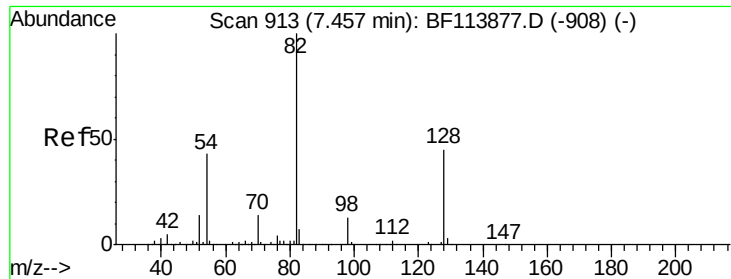
Sohil  
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#22  
Acetophenone  
Concen: 48.176 ng  
RT: 7.31 min Scan# 888  
Delta R.T. 0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 771630 |       |       |
| 71      | 8.2   | 6.1    | 9.1   |       |
| 51      | 21.5  | 16.8   | 25.2  |       |
| 120     | 22.0  | 17.6   | 26.4  |       |





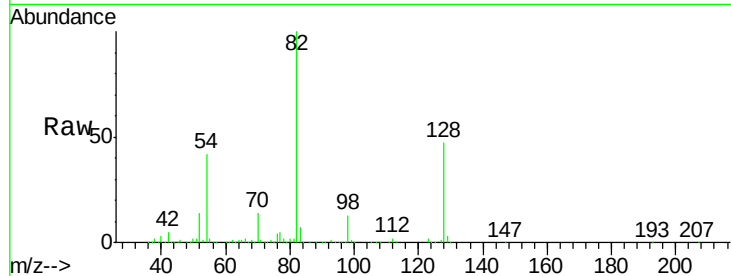
#23  
 Nitrobenzene-d5  
 Concen: 101.535 ng  
 RT: 7.46 min Scan# 914  
 Delta R.T. 0.01 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

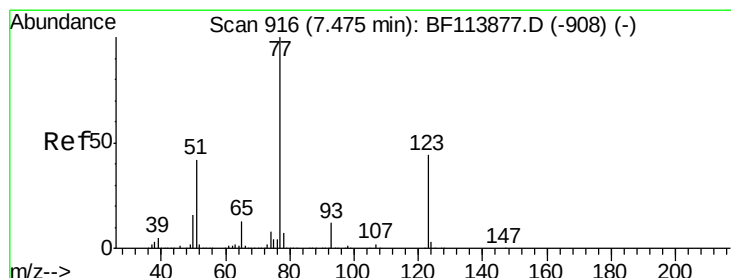
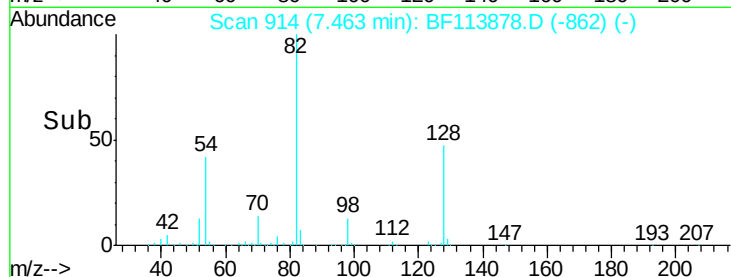
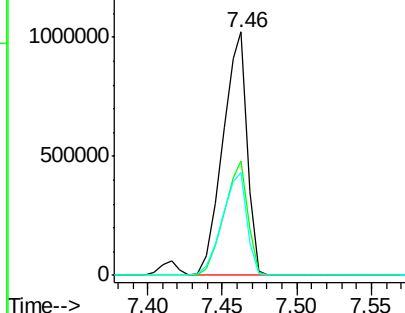
Tgt Ion: 82 Resp: 1172136  
 Ion Ratio Lower Upper  
 82 100  
 128 46.7 36.8 55.2  
 54 42.2 33.8 50.6

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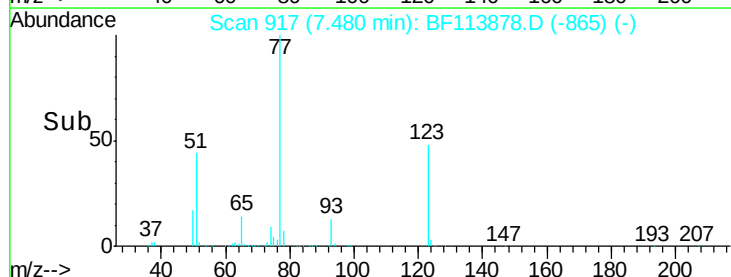
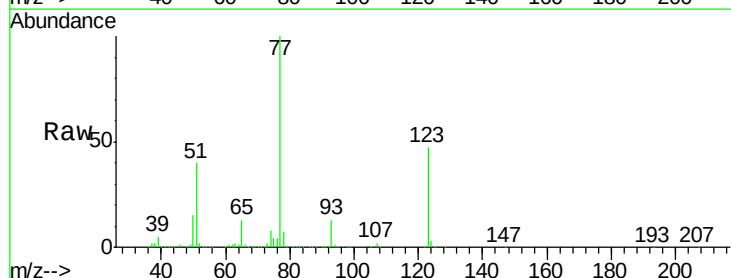
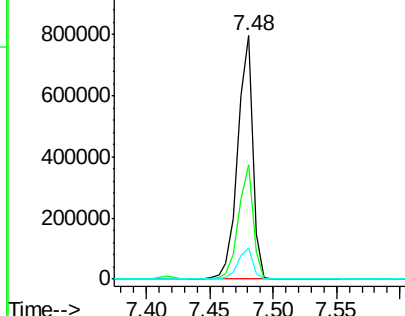
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1



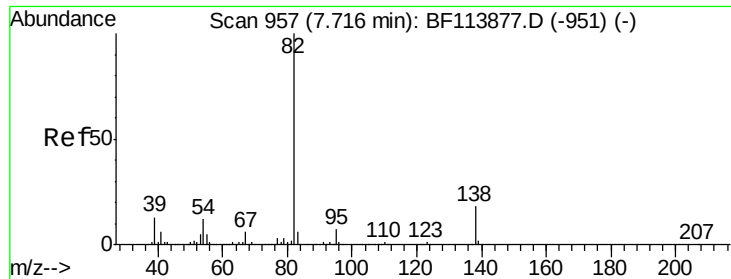
#24  
 Nitrobenzene  
 Concen: 49.523 ng  
 RT: 7.48 min Scan# 917  
 Delta R.T. 0.01 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

Tgt Ion: 77 Resp: 642527  
 Ion Ratio Lower Upper  
 77 100  
 123 47.2 36.3 54.5  
 65 12.6 10.3 15.5

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: 47.900 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1144915

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

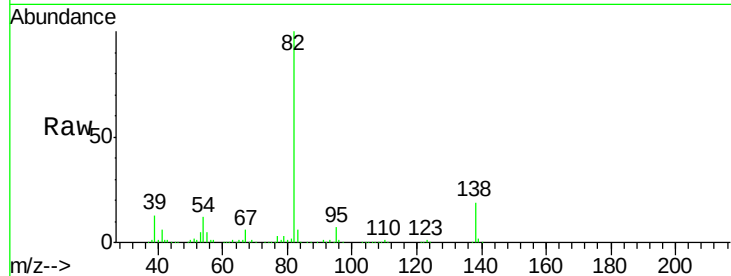
138 19.4 14.6 22.0

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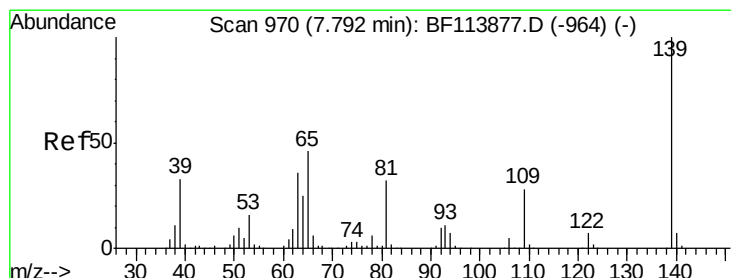
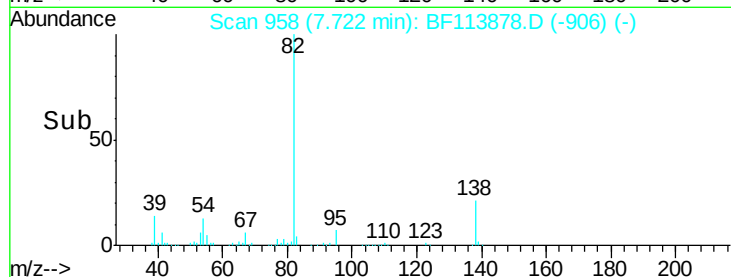
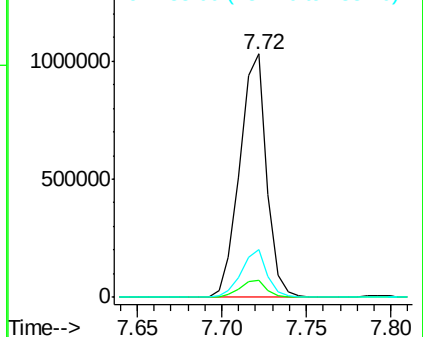
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 58.756 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

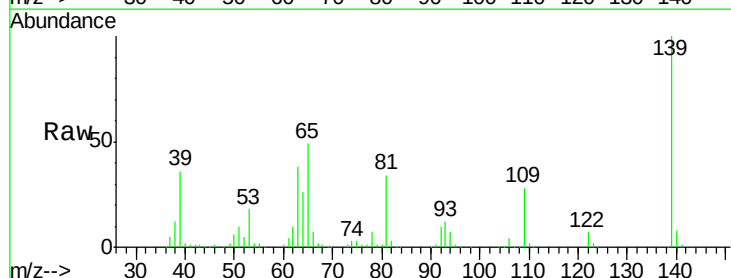
Tgt Ion: 139 Resp: 302847

Ion Ratio Lower Upper

139 100

109 27.8 20.6 31.0

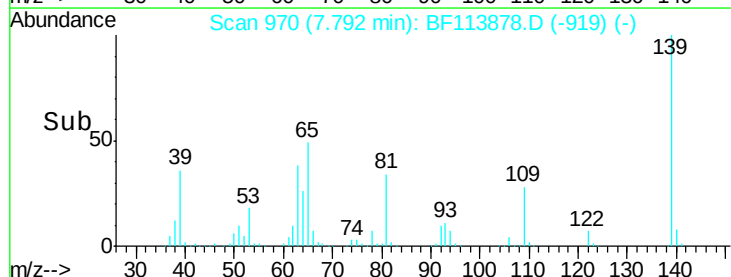
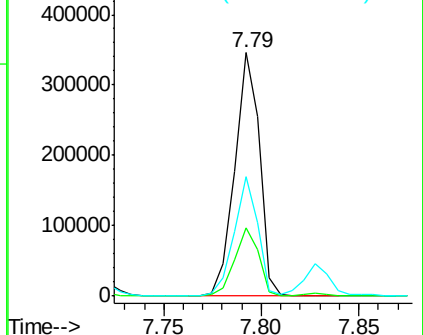
65 49.2 34.6 52.0

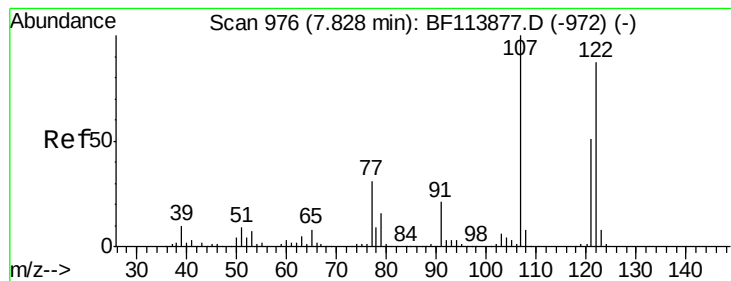


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





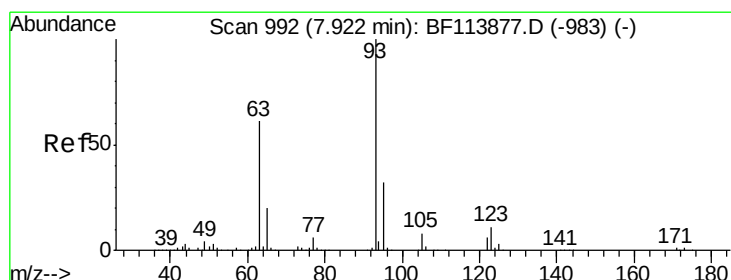
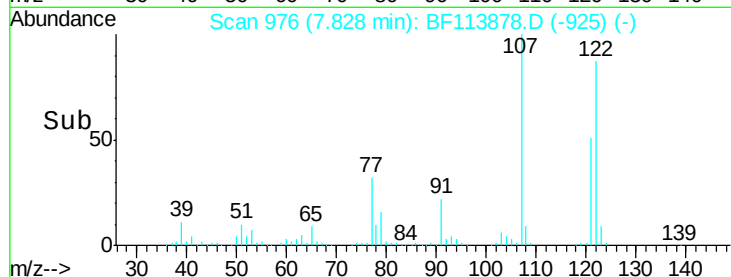
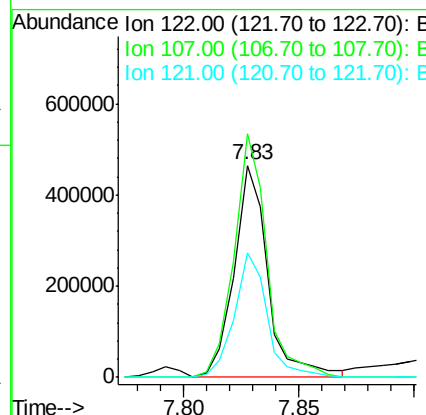
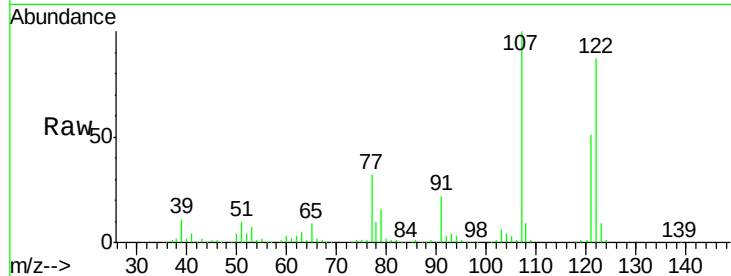
#27  
2,4-Dimethylphenol  
Concen: 47.621 ng  
RT: 7.83 min Scan# 976  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 468637 |       |       |
| 107     | 114.8 | 91.2   | 136.8 |       |
| 121     | 58.7  | 46.4   | 69.6  |       |

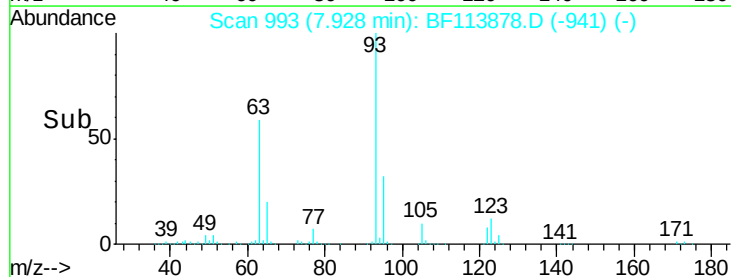
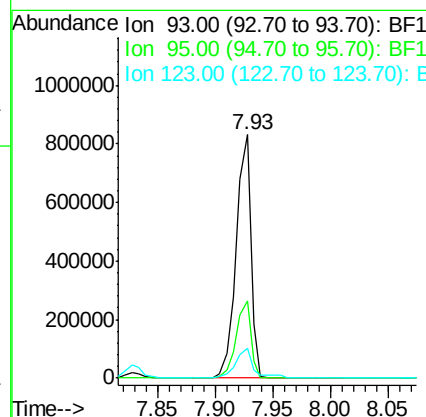
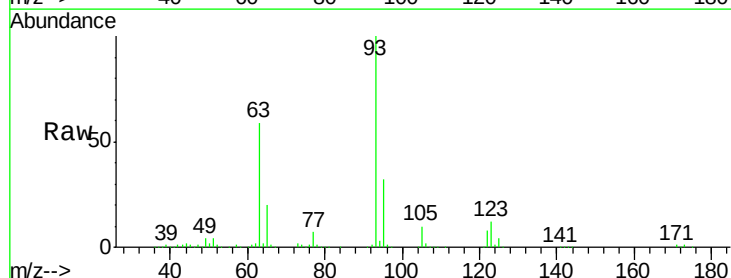
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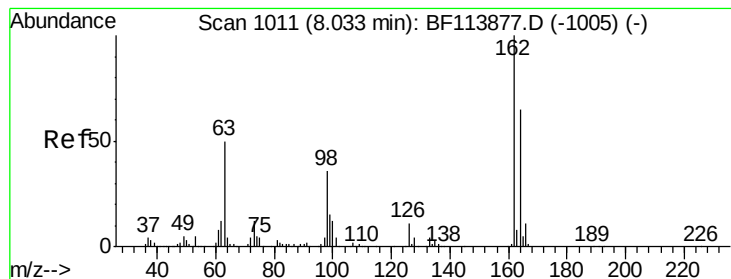
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#28  
bis(2-Chloroethoxy)methane  
Concen: 48.546 ng  
RT: 7.93 min Scan# 993  
Delta R.T. 0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 737346 |       |       |
| 95      | 32.0  | 25.8   | 38.6  |       |
| 123     | 12.2  | 9.0    | 13.6  |       |





#29

2,4-Dichlorophenol

Concen: 51.156 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

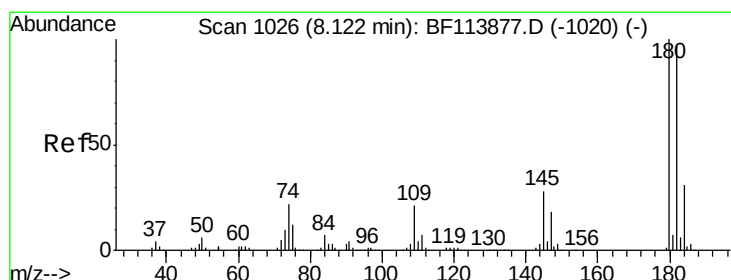
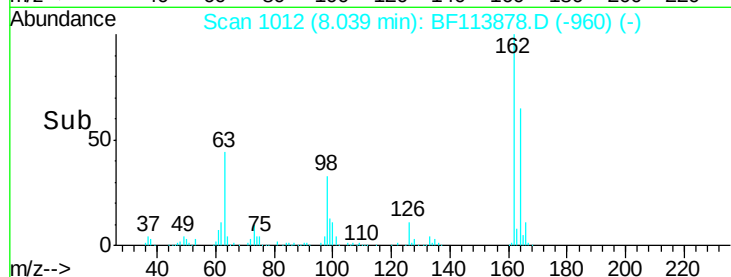
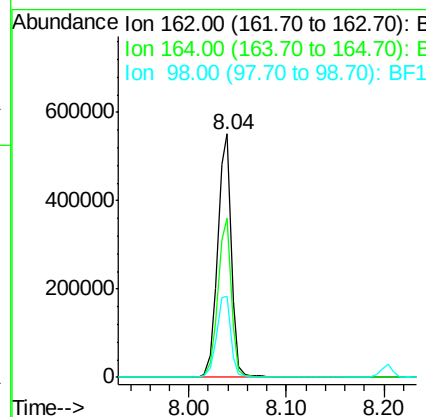
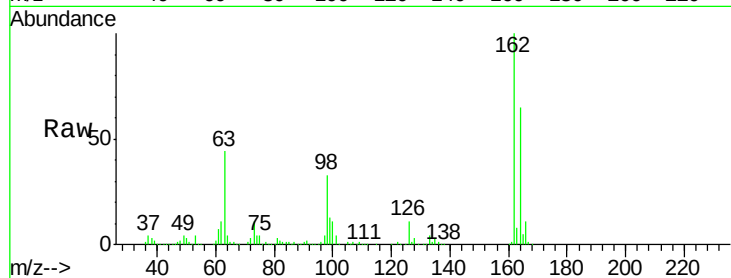
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 536402 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 65.4  | 43.7  | 83.7   |
| 98        | 33.0  | 15.5  | 55.5   |

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#30

1,2,4-Trichlorobenzene

Concen: 50.729 ng

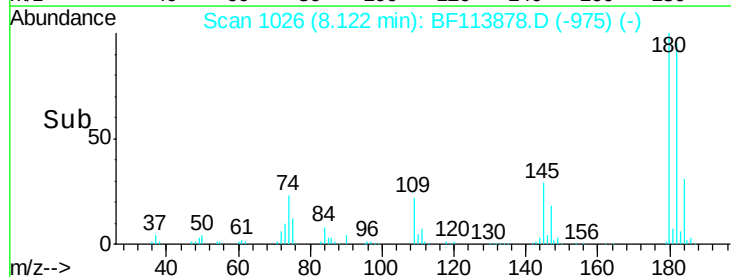
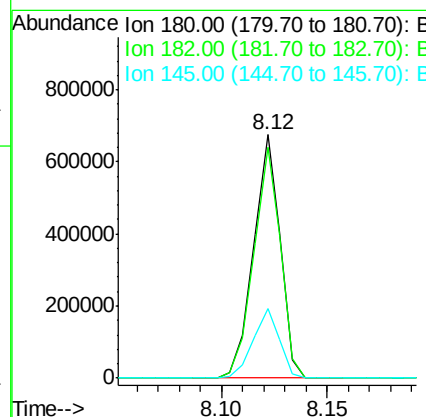
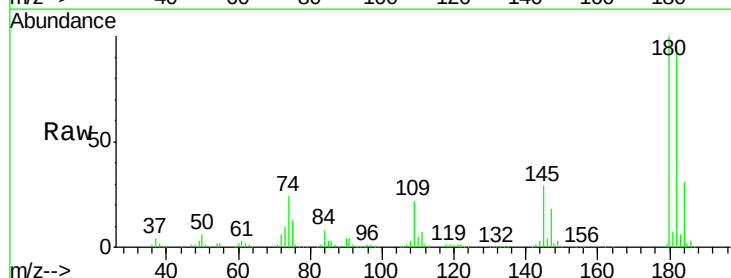
RT: 8.12 min Scan# 1026

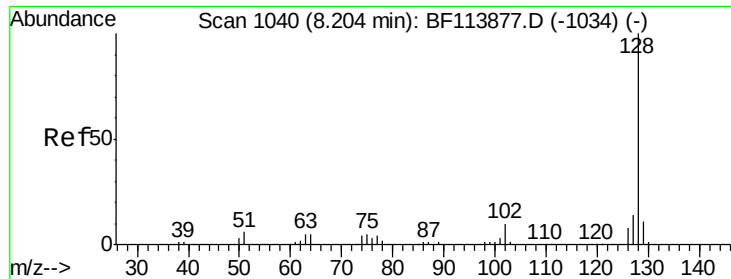
Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 590850 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.6  | 75.4  | 113.0  |
| 145       | 28.7  | 23.0  | 34.4   |





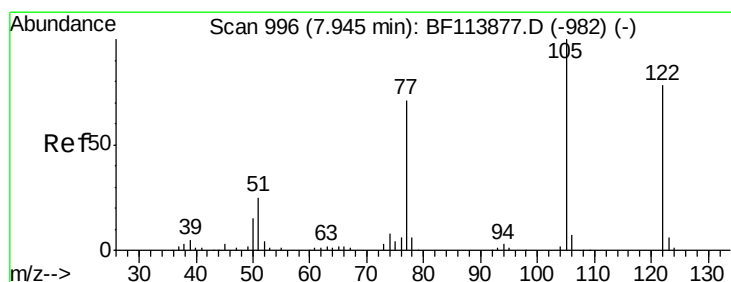
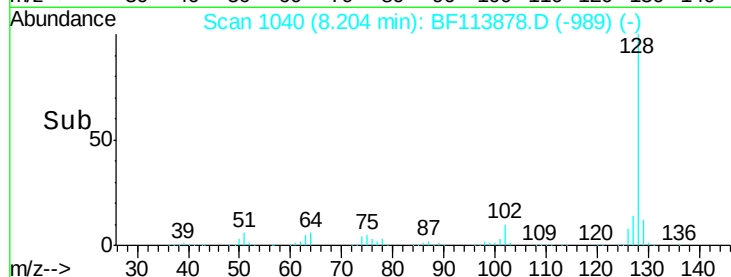
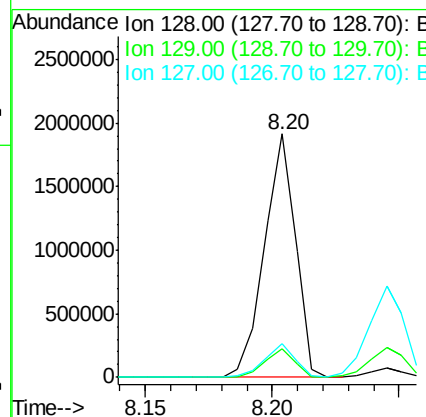
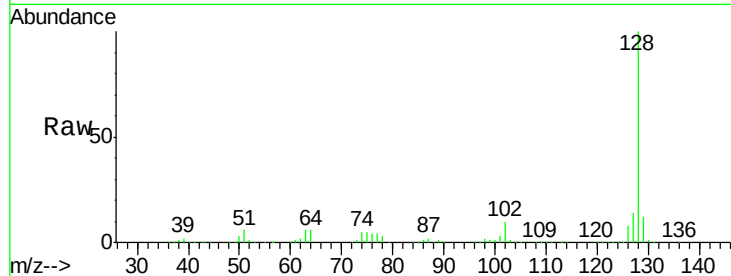
#31  
Naphthalene  
Concen: 49.552 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tgt Ion:128 Resp: 1647715  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.4 14.0  
127 14.0 10.8 16.2

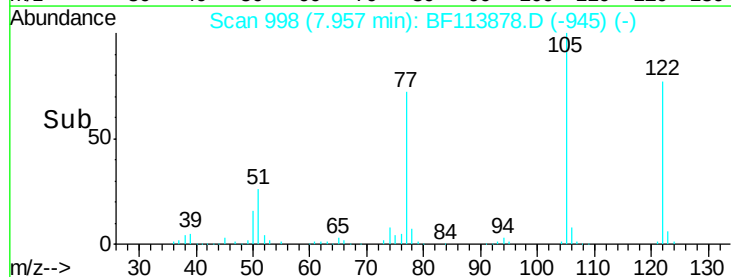
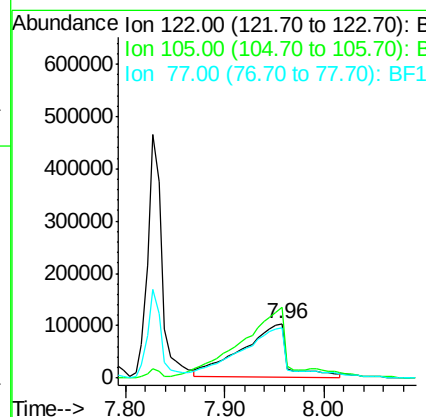
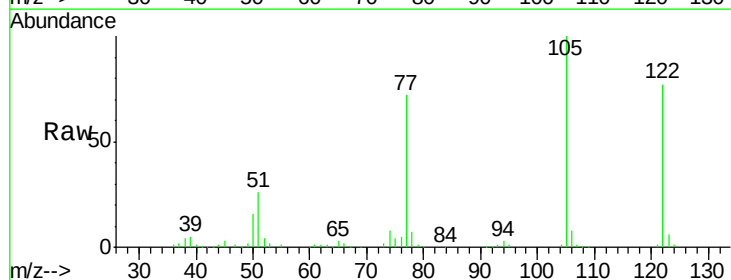
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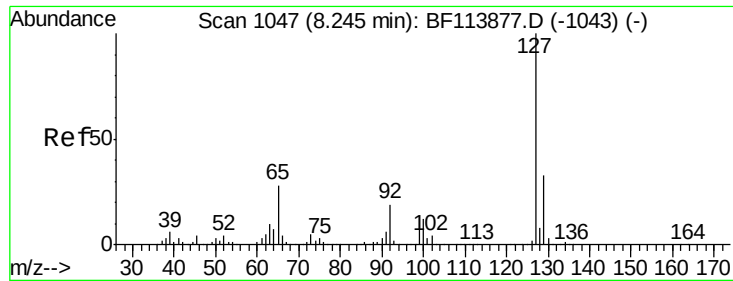
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#32  
Benzoic acid  
Concen: 54.379 ng m  
RT: 7.96 min Scan# 998  
Delta R.T. 0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Tgt Ion:122 Resp: 331505  
Ion Ratio Lower Upper  
122 100  
105 129.1 104.3 144.3  
77 93.2 70.4 110.4





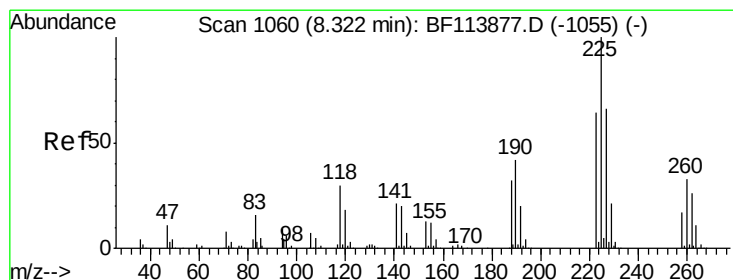
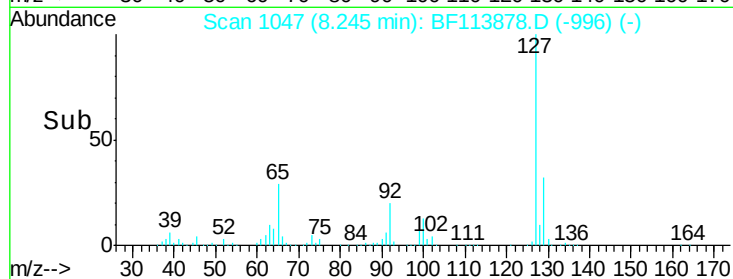
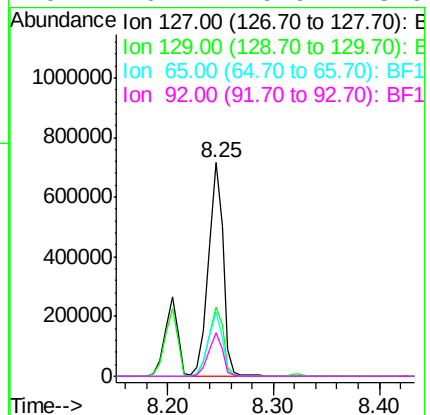
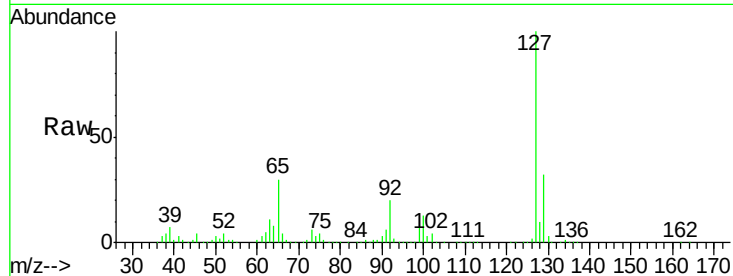
#33  
4-Chloroaniline  
Concen: 49.258 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 694856 |       |       |
| 129     | 32.3  | 26.4   | 39.6  |       |
| 65      | 29.9  | 24.9   | 37.3  |       |
| 92      | 20.2  | 15.9   | 23.9  |       |

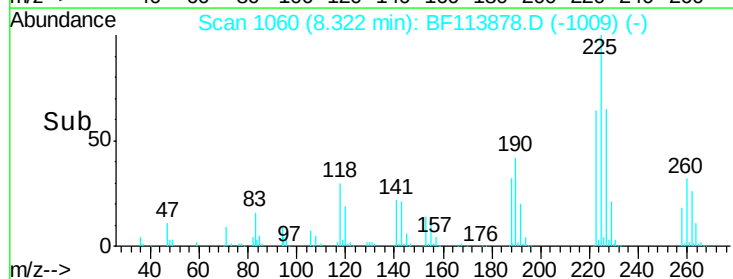
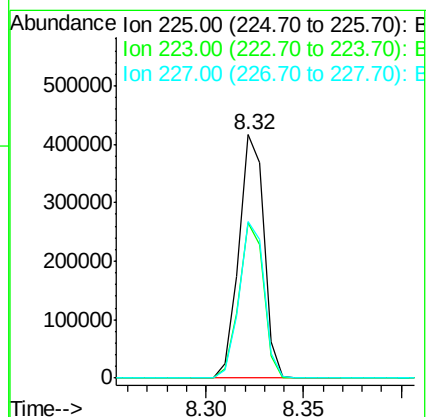
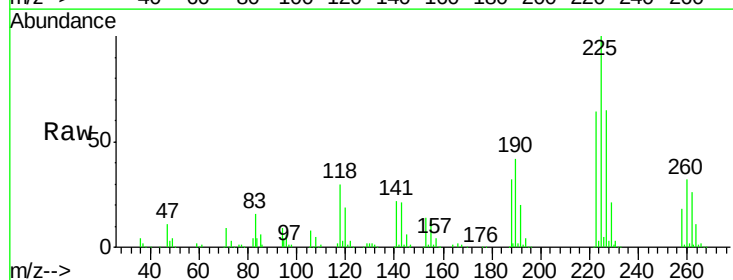
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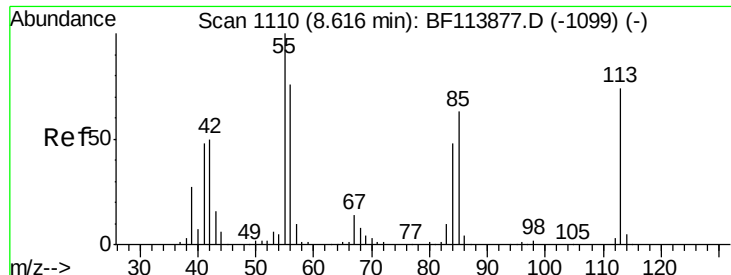
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#34  
Hexachlorobutadiene  
Concen: 52.155 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 371146 |       |       |
| 223     | 63.9  | 51.1   | 76.7  |       |
| 227     | 64.5  | 49.9   | 74.9  |       |





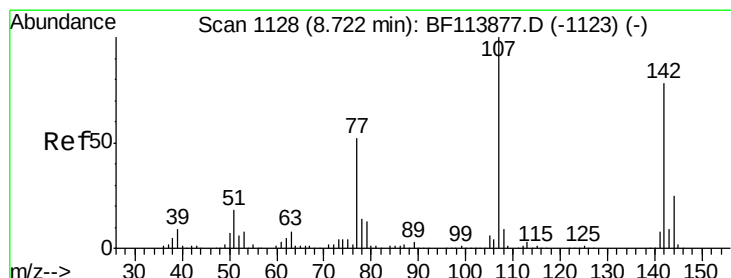
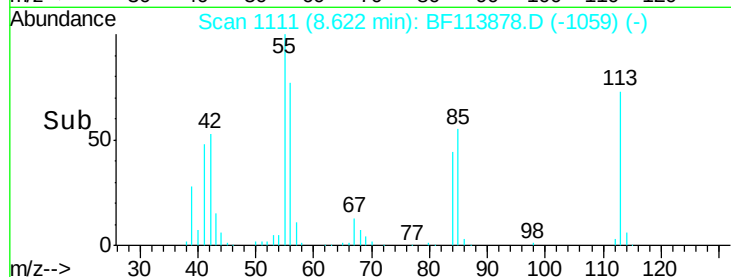
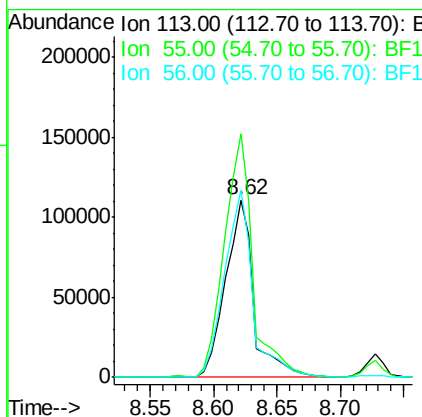
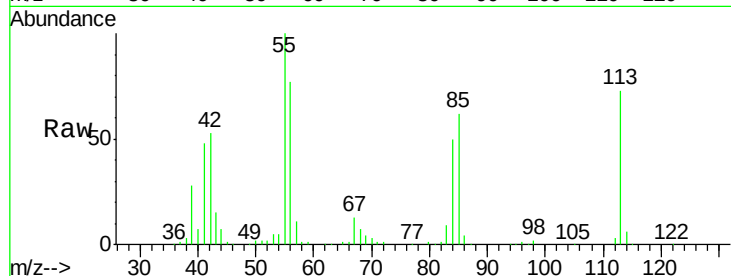
#35  
 Caprolactam  
 Concen: 49.680 ng  
 RT: 8.62 min Scan# 1111  
 Delta R.T. 0.01 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 168160 |       |       |
| 55      | 137.2 | 128.6  | 168.6 |       |
| 56      | 105.7 | 91.9   | 131.9 |       |

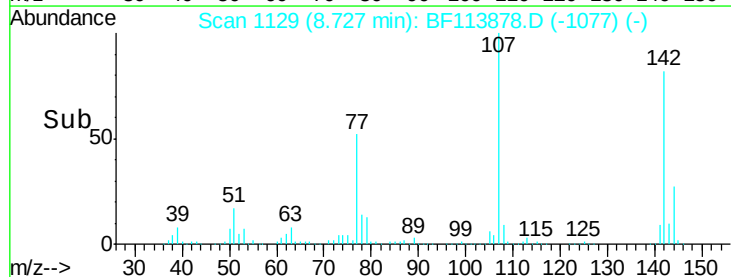
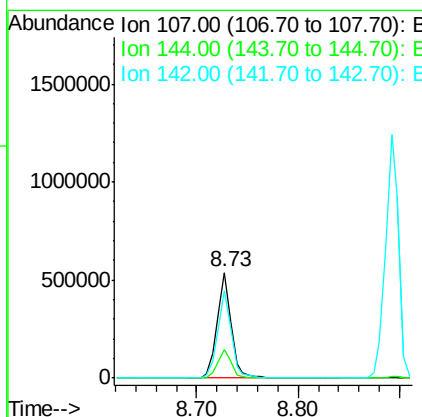
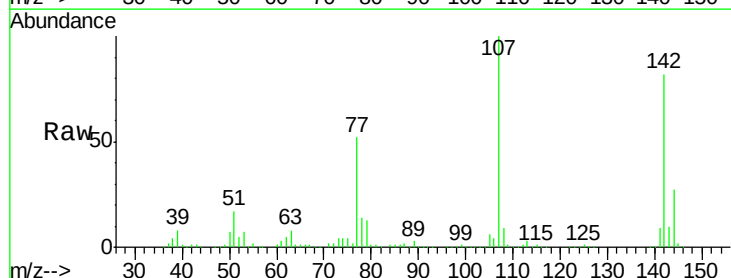
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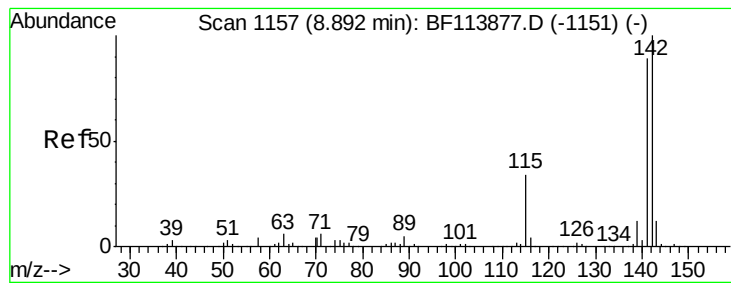
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#36  
 4-Chloro-3-methylphenol  
 Concen: 50.547 ng  
 RT: 8.73 min Scan# 1129  
 Delta R.T. 0.01 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 525560 |       |       |
| 144     | 26.6  | 20.5   | 30.7  |       |
| 142     | 82.4  | 64.2   | 96.4  |       |





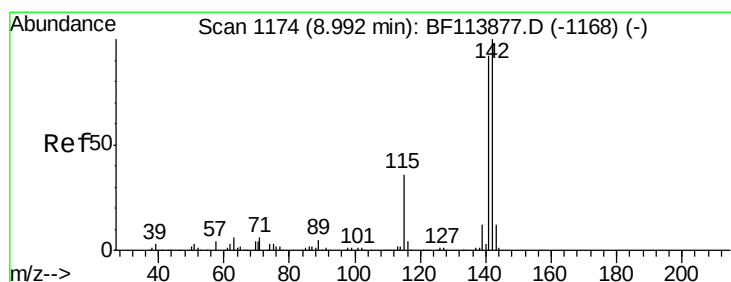
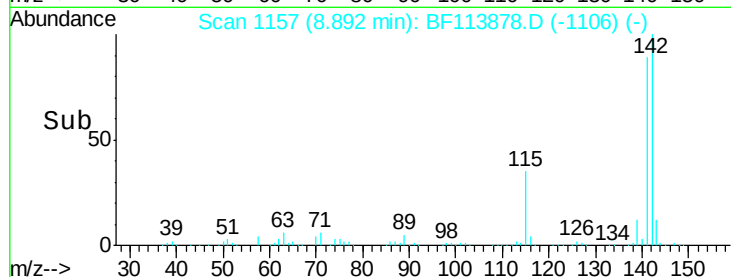
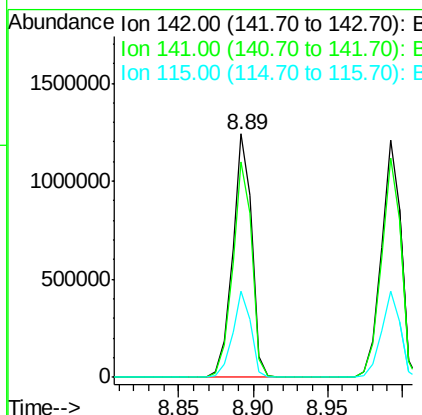
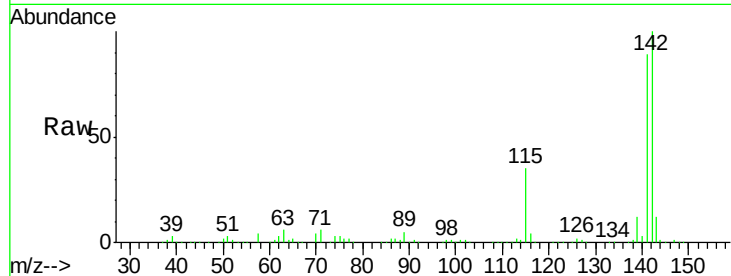
#37  
2-Methylnaphthalene  
Concen: 50.569 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.6  | 70.4  | 105.6 |
| 115     | 35.1  | 26.3  | 39.5  |

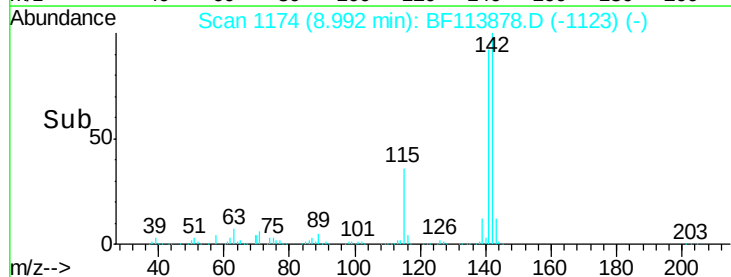
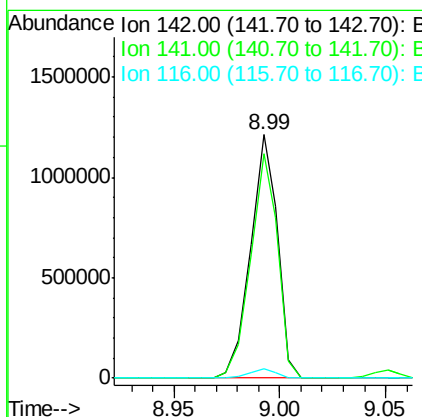
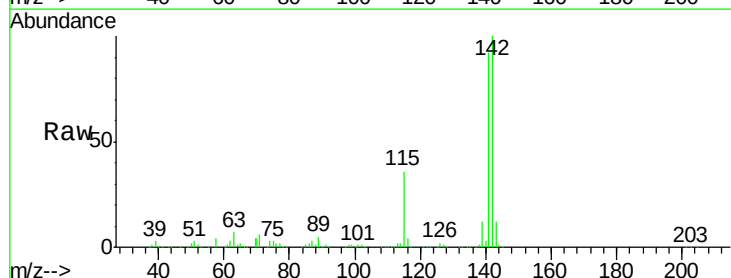
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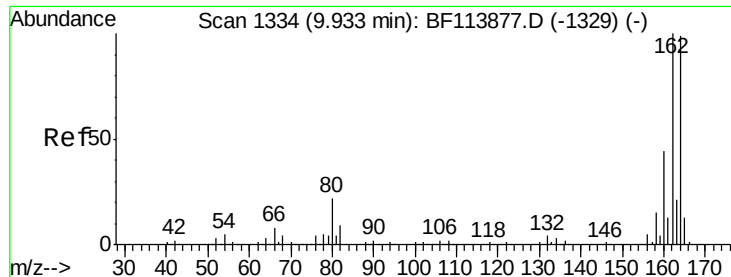
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#38  
1-Methylnaphthalene  
Concen: 50.246 ng  
RT: 8.99 min Scan# 1174  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.0  | 72.3  | 108.5 |
| 116     | 4.0   | 3.0   | 4.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF113878.D

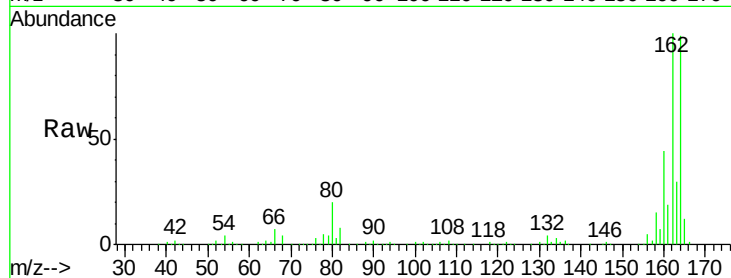
Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

ClientSampled :

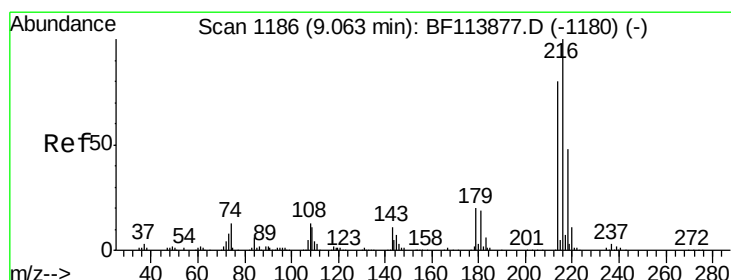
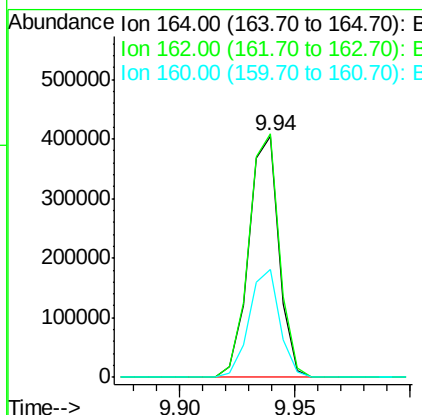
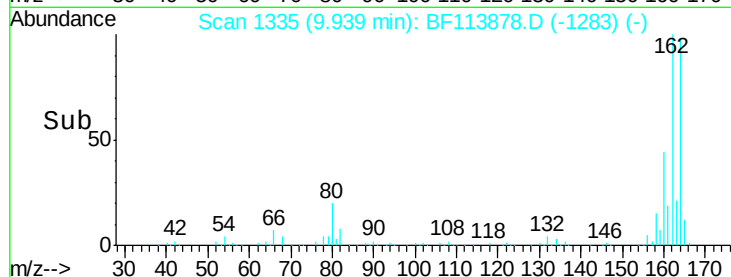
SSTDIC050



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 369486 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.0 | 81.1  | 121.7  |
| 160       | 44.8  | 35.8  | 53.6   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.171 ng

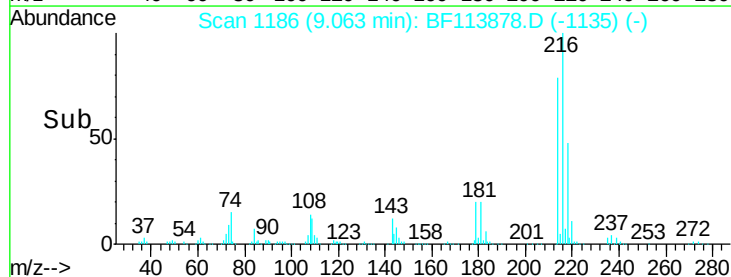
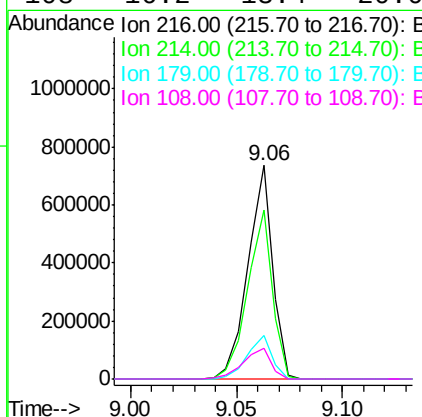
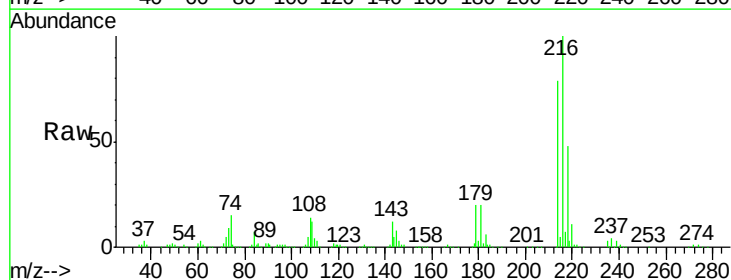
RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

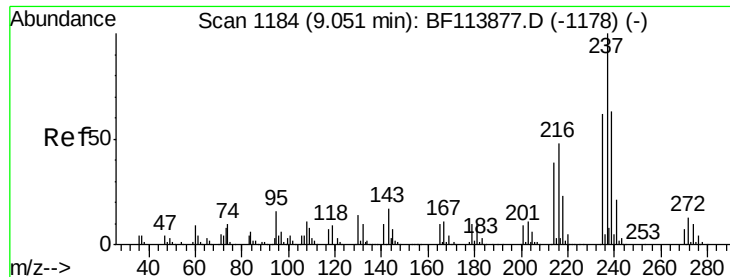
Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 600004 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.5  | 63.5  | 95.3   |
| 179       | 20.2  | 16.1  | 24.1   |
| 108       | 16.2  | 13.4  | 20.0   |







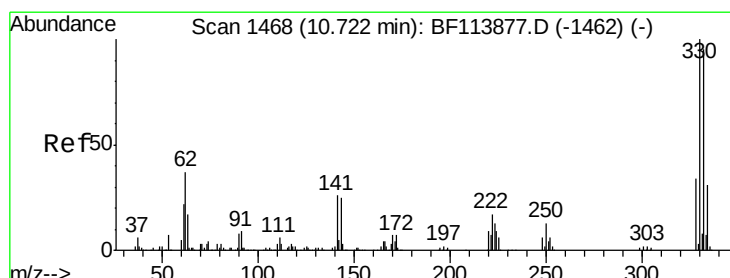
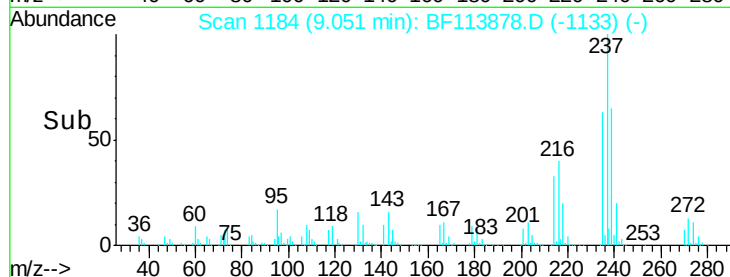
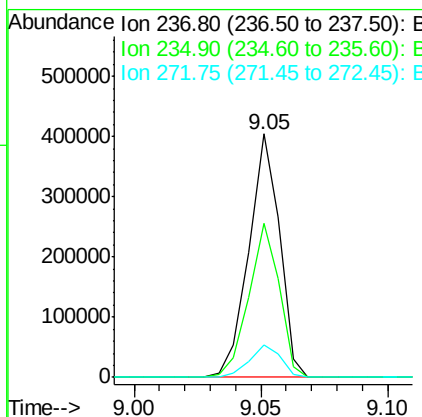
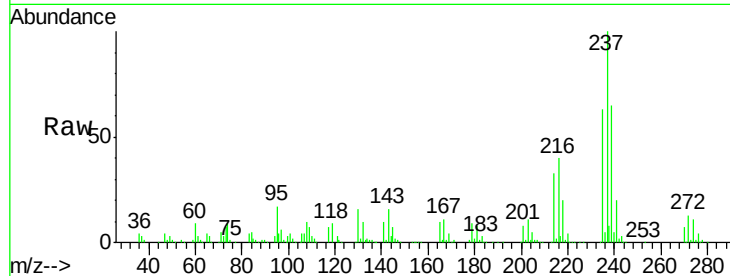
#41  
Hexachlorocyclopentadiene  
Concen: 53.095 ng  
RT: 9.05 min Scan# 1184  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 342243 |       |       |
| 235     | 63.2  | 42.6   | 82.6  |       |
| 272     | 13.2  | 0.0    | 33.8  |       |

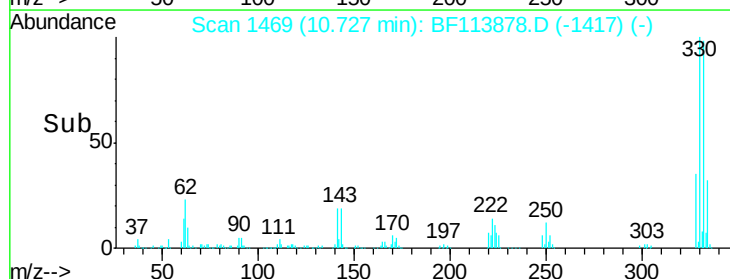
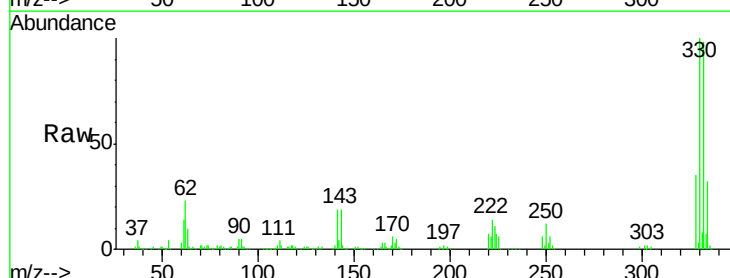
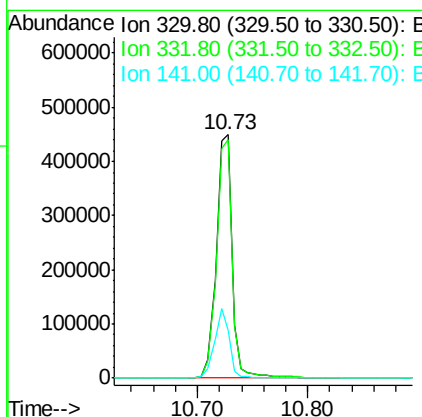
Manual Integrations  
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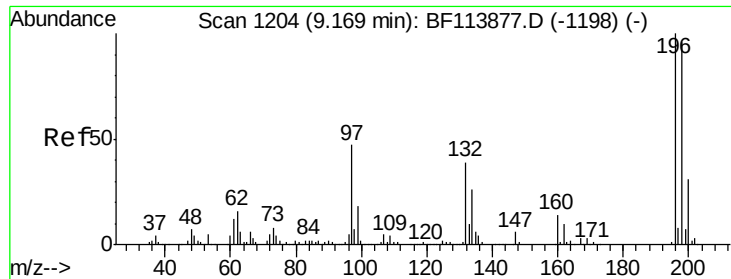
Sohil  
4/23/2019 4:07:42 PM



#42  
2,4,6-Tribromophenol  
Concen: 110.066 ng  
RT: 10.73 min Scan# 1469  
Delta R.T. 0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 449304 |       |       |
| 332     | 97.6  | 77.5   | 116.3 |       |
| 141     | 26.2  | 22.2   | 33.2  |       |





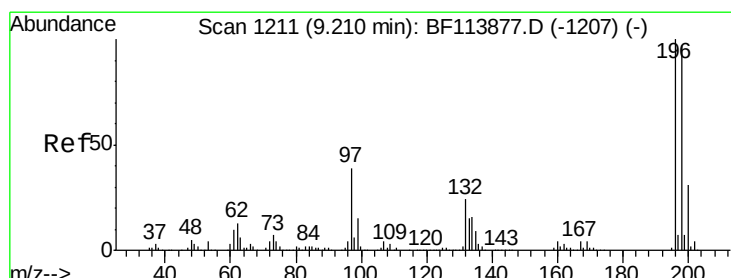
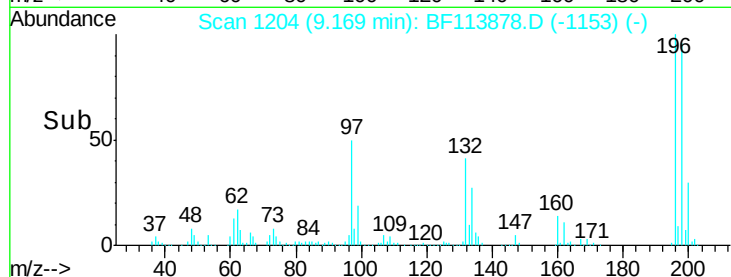
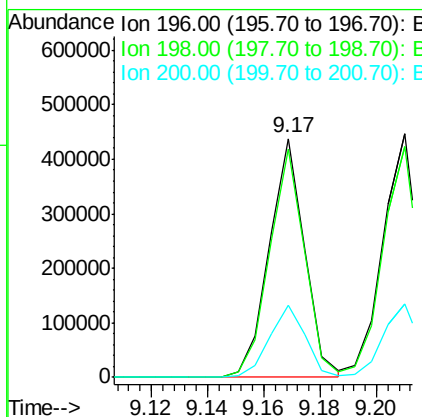
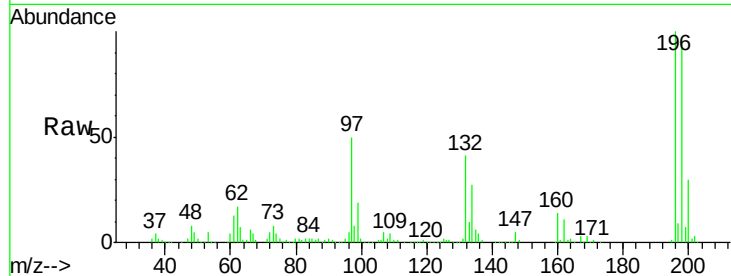
#43  
 2,4,6-Trichlorophenol  
 Concen: 50.322 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.00 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 379810 |       |       |
| 198     | 95.8  | 75.6   | 113.4 |       |
| 200     | 30.4  | 24.7   | 37.1  |       |

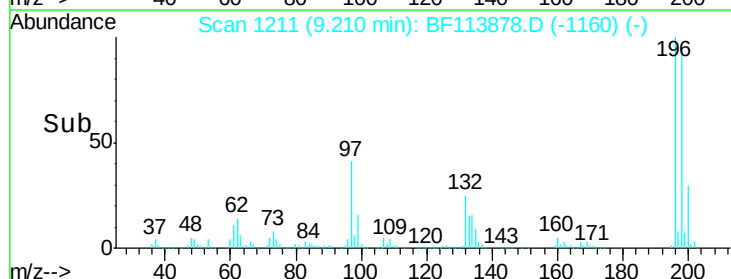
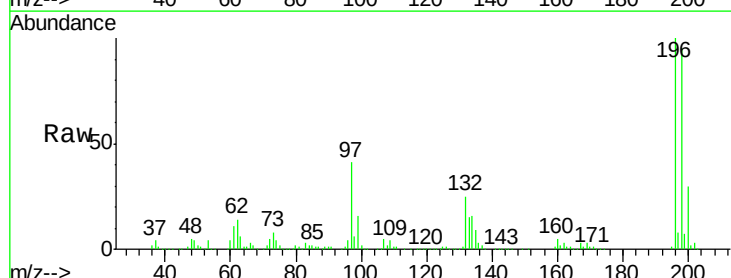
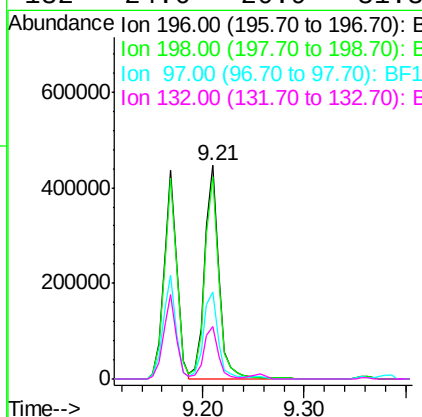
Manual Integrations  
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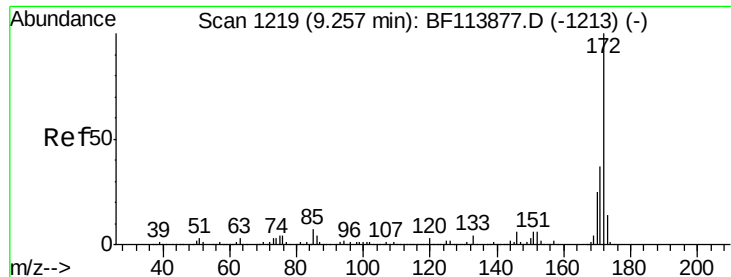
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 4/23/2019 4:07:42 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 53.026 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. -0.00 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 431908 |       |       |
| 198     | 94.8  | 76.2   | 114.4 |       |
| 97      | 41.1  | 35.8   | 53.8  |       |
| 132     | 24.6  | 20.9   | 31.3  |       |





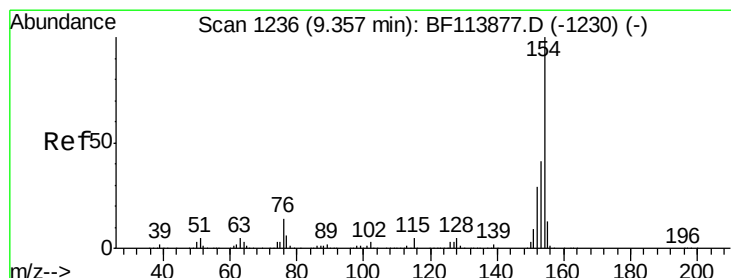
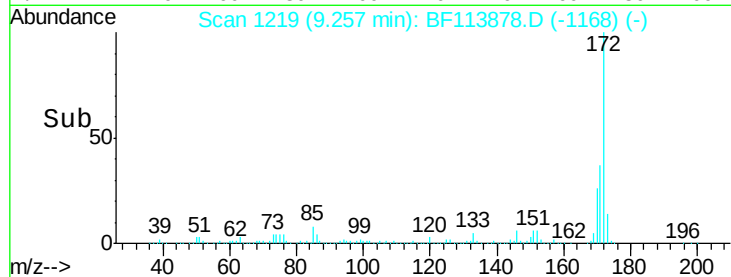
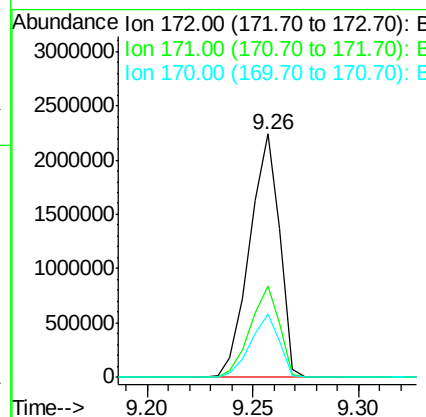
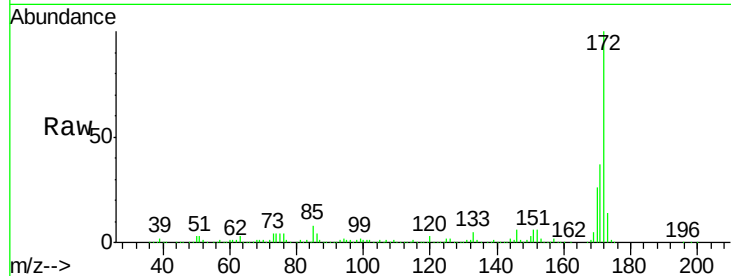
#45  
2-Fluorobiphenyl  
Concen: 90.987 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.4  | 29.4  | 44.0  |
| 170     | 25.7  | 19.9  | 29.9  |

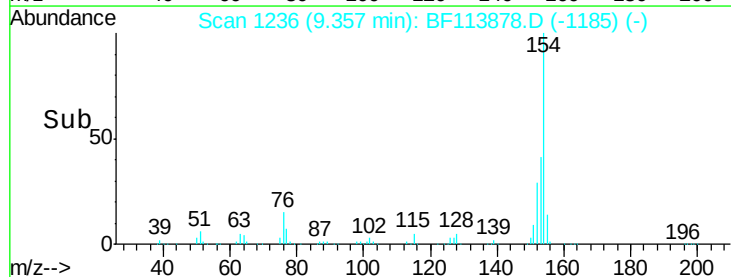
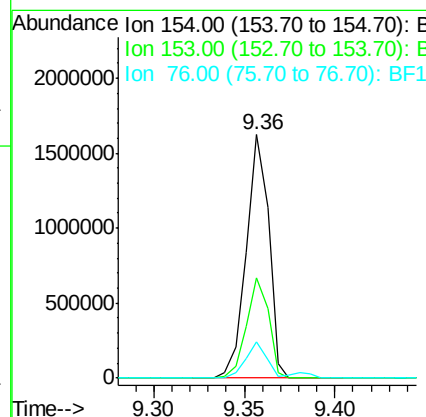
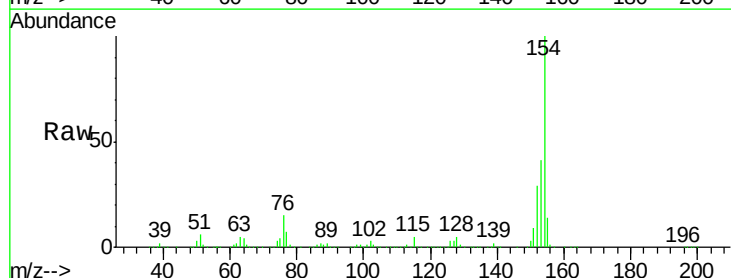
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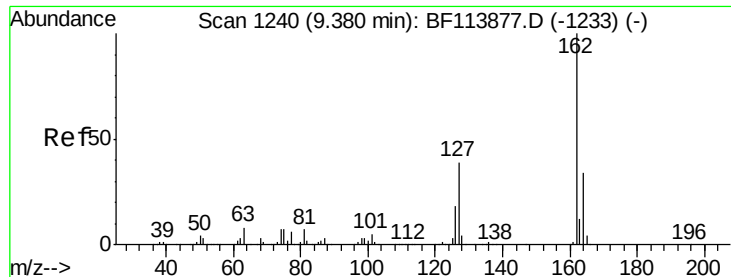
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#46  
1,1'-Biphenyl  
Concen: 49.893 ng  
RT: 9.36 min Scan# 1236  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.4  | 20.8  | 60.8  |
| 76      | 14.6  | 0.0   | 35.2  |





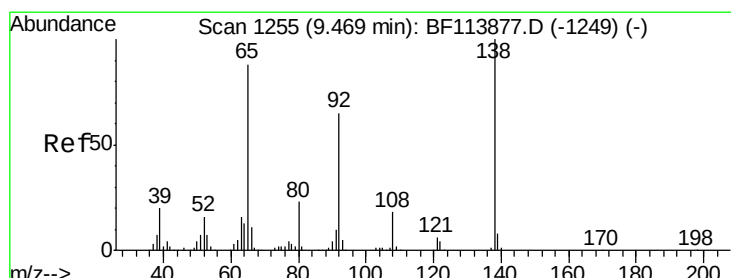
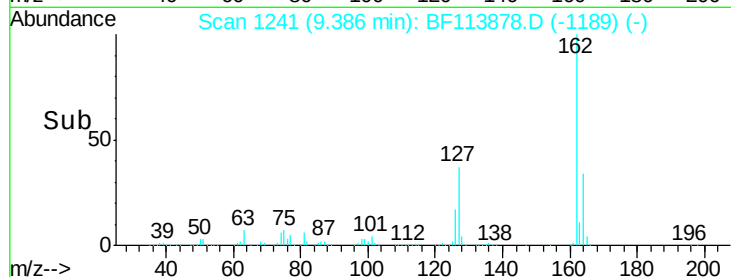
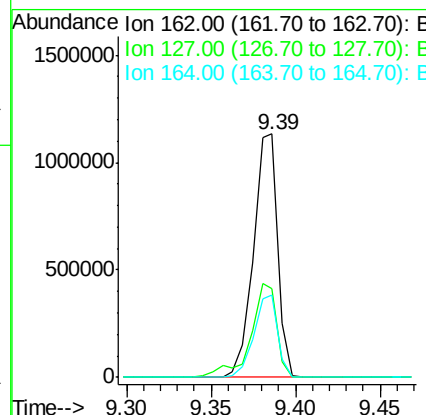
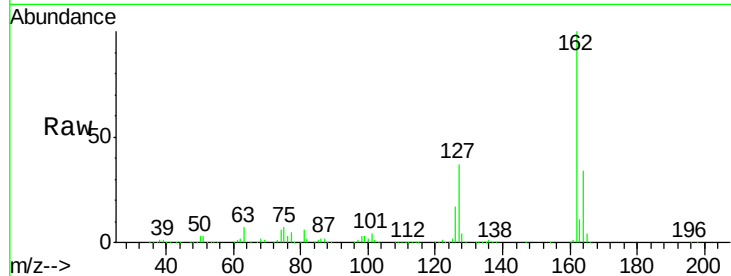
#47  
 2-Chloronaphthalene  
 Concen: 49.685 ng  
 RT: 9.39 min Scan# 1241  
 Delta R.T. 0.01 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.6  | 29.3  | 43.9  |
| 164     | 33.9  | 27.1  | 40.7  |

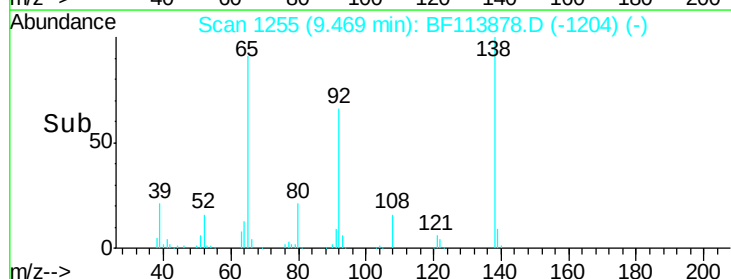
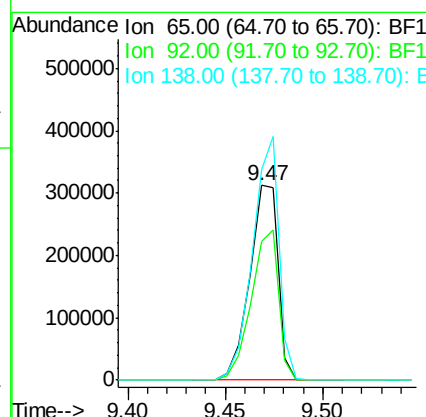
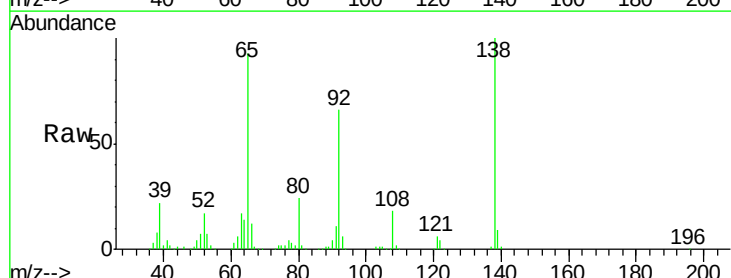
Manual Integrations  
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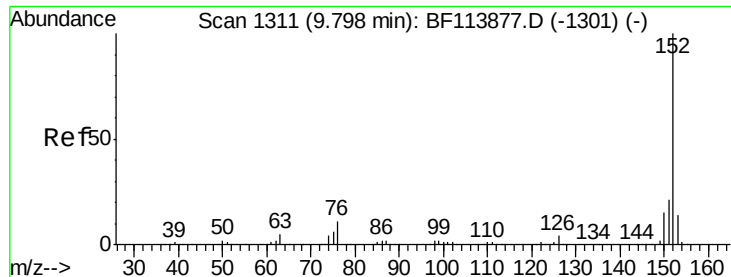
Sohil  
 4/23/2019 4:07:42 PM



#48  
 2-Nitroaniline  
 Concen: 53.022 ng  
 RT: 9.47 min Scan# 1255  
 Delta R.T. -0.00 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.5  | 57.4  | 86.0  |
| 138     | 107.8 | 85.4  | 128.0 |





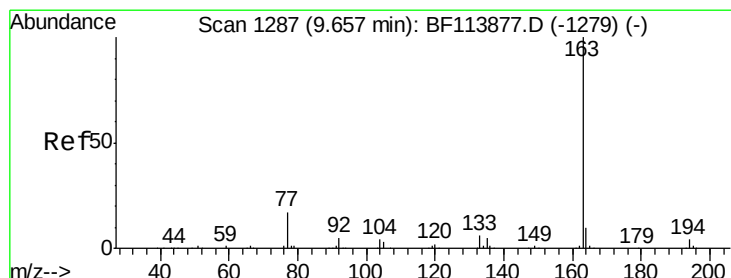
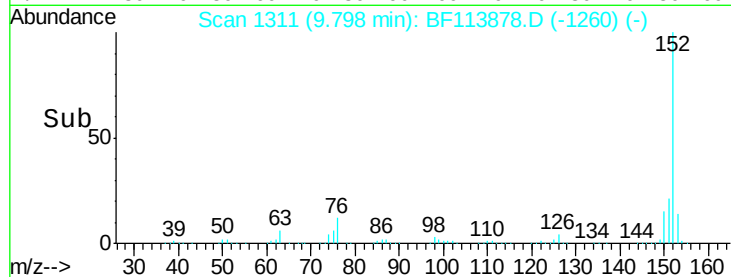
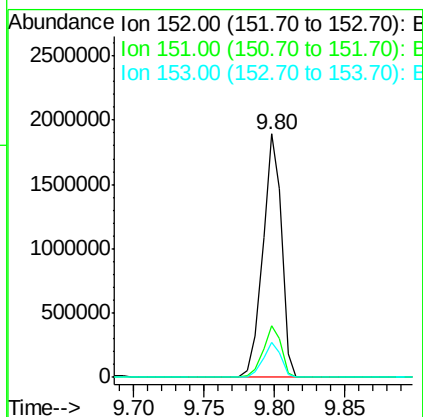
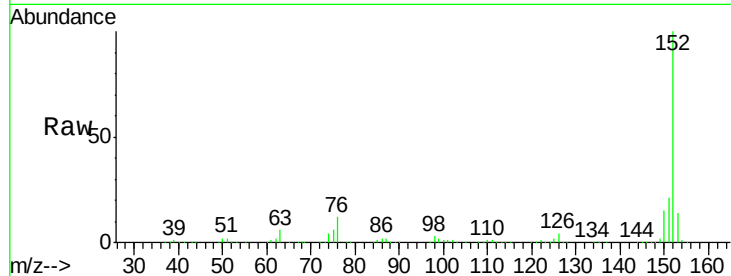
#49  
Acenaphthylene  
Concen: 49.499 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.1  | 17.0  | 25.4  |
| 153     | 14.2  | 11.0  | 16.6  |

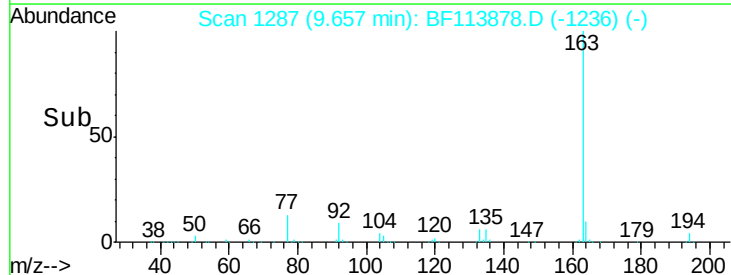
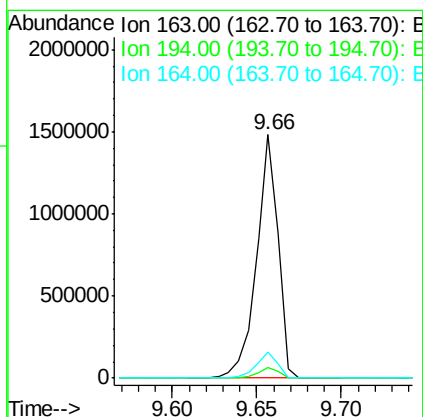
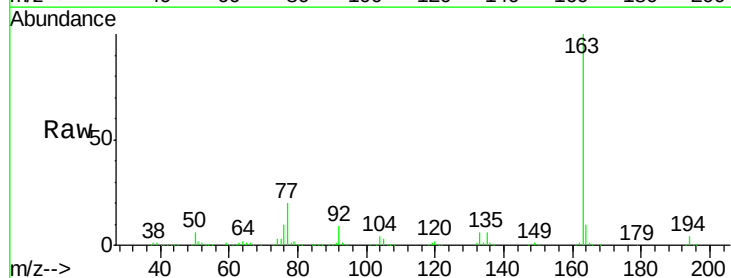
Manual Integrations  
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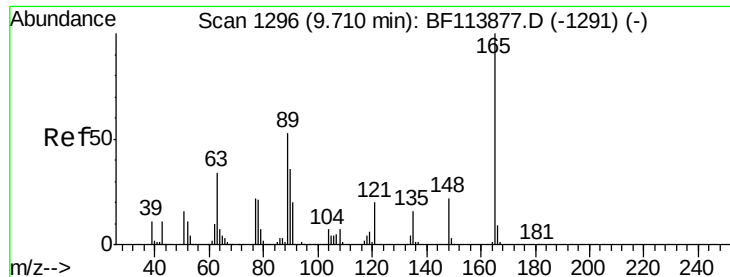
Sohil  
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#50  
Dimethylphthalate  
Concen: 50.791 ng  
RT: 9.66 min Scan# 1287  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.3   | 3.4   | 5.2   |
| 164     | 10.5  | 8.5   | 12.7  |





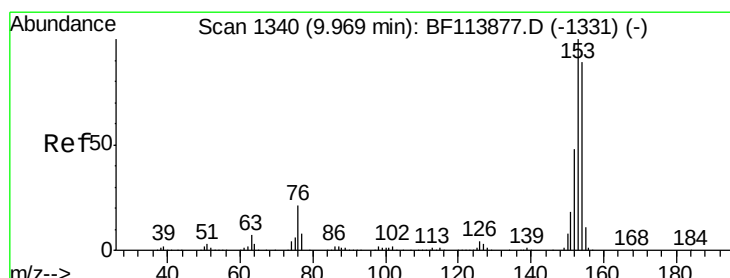
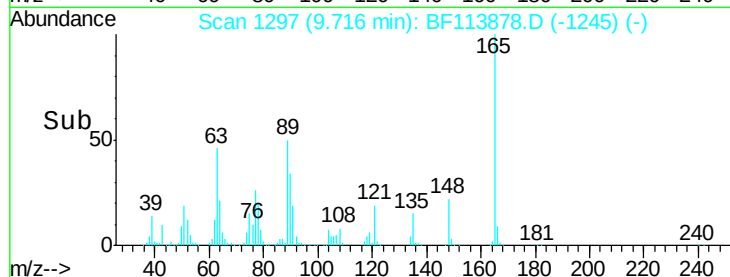
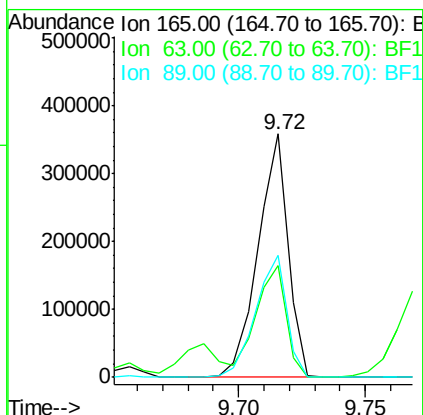
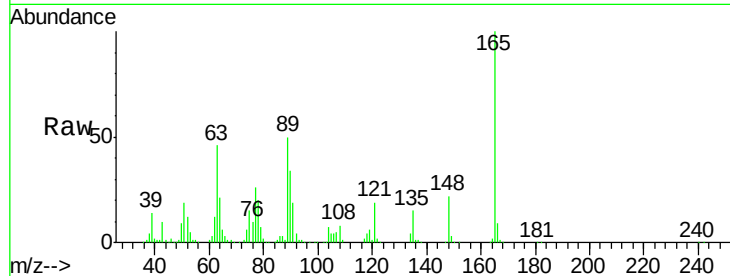
#51  
 2,6-Dinitrotoluene  
 Concen: 52.148 ng  
 RT: 9.72 min Scan# 1297  
 Delta R.T. 0.01 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 46.1  | 33.8       | 50.8  |
| 89      | 49.9  | 38.2       | 57.2  |

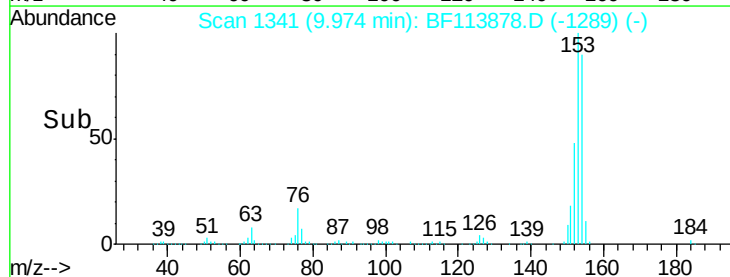
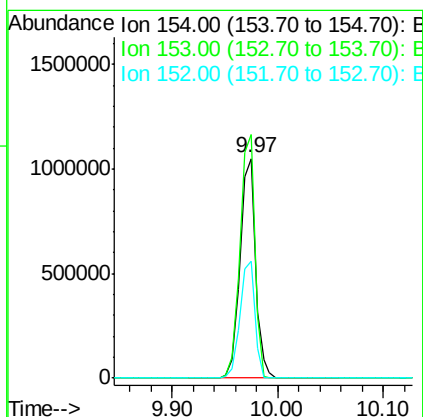
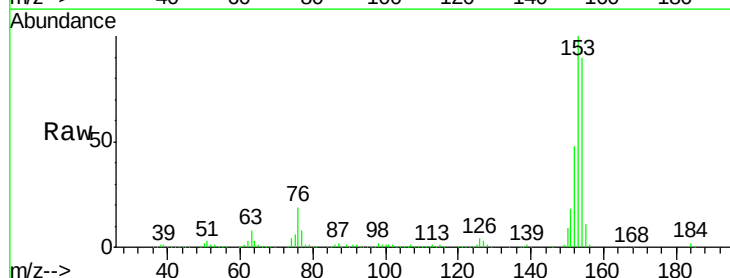
Manual Integrations  
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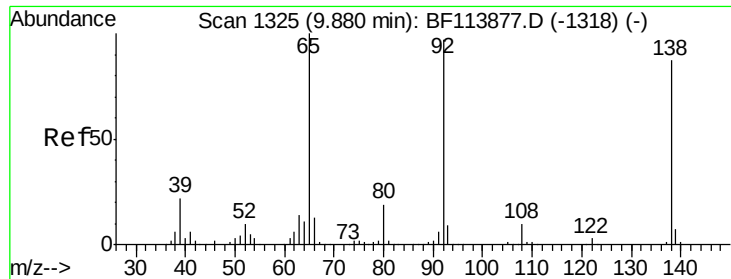
Sohil  
 4/23/2019 4:07:42 PM



#52  
 Acenaphthene  
 Concen: 50.057 ng  
 RT: 9.97 min Scan# 1341  
 Delta R.T. 0.01 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 110.9 | 87.2       | 130.8 |
| 152     | 53.4  | 42.3       | 63.5  |





#53

3-Nitroaniline

Concen: 51.548 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

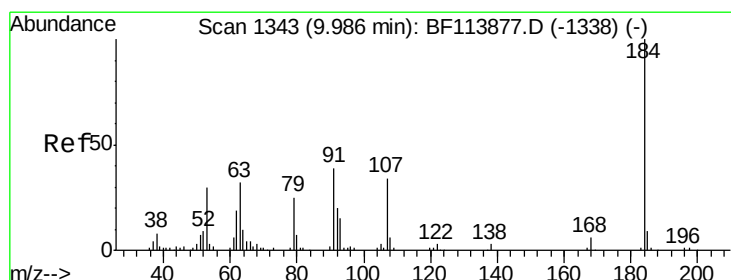
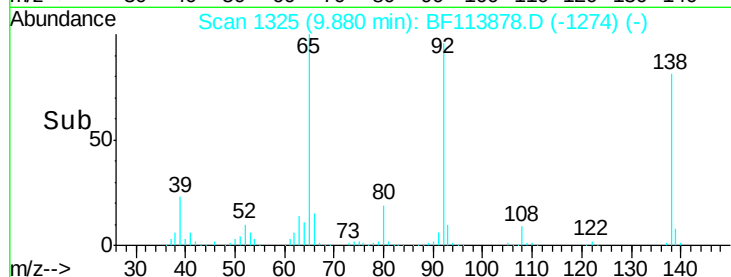
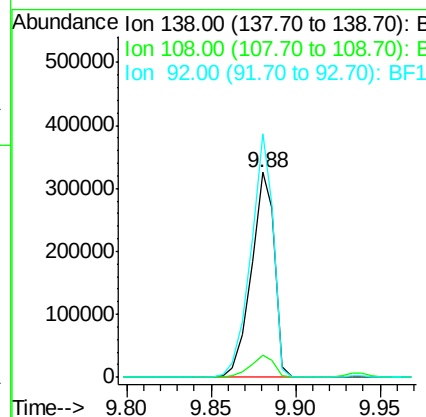
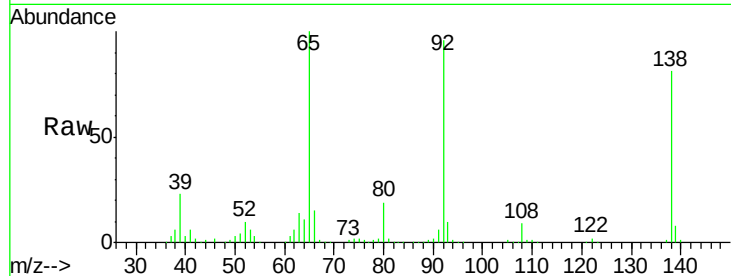
ClientSampleId :

SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.9  | 9.4   | 14.2  |
| 92      | 118.9 | 94.1  | 141.1 |

Manual Integrations  
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#54

2,4-Dinitrophenol

Concen: 64.086 ng

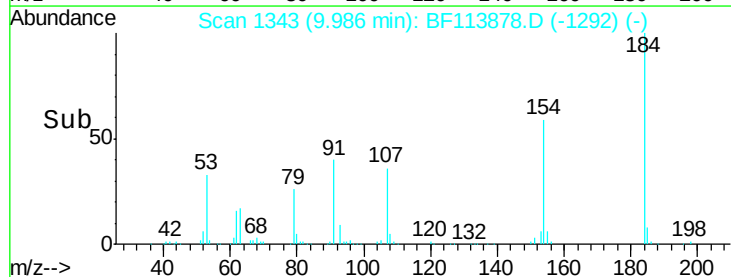
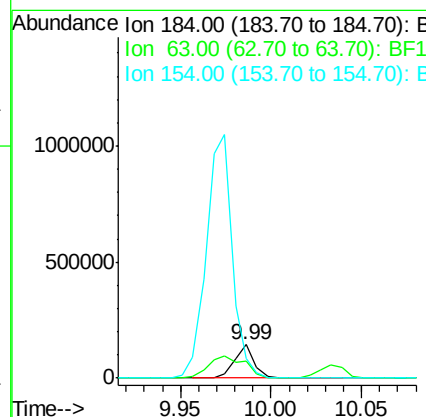
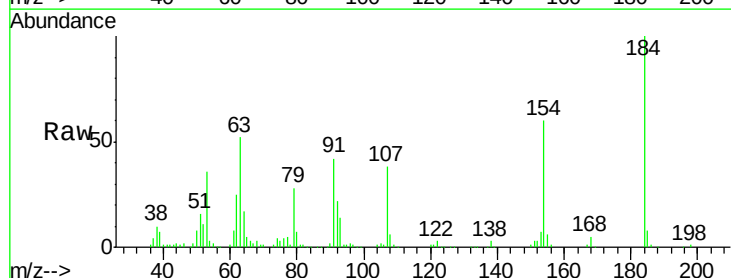
RT: 9.99 min Scan# 1343

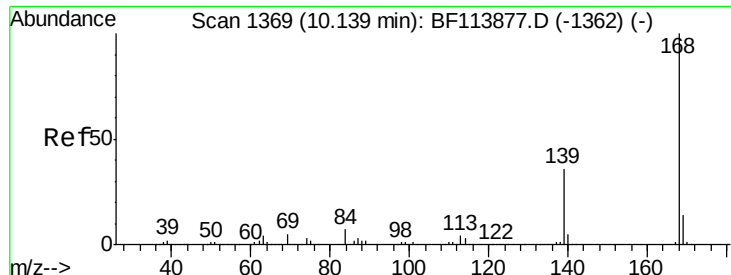
Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 51.5  | 54.6  | 81.8#  |
| 154     | 59.8  | 218.6 | 328.0# |





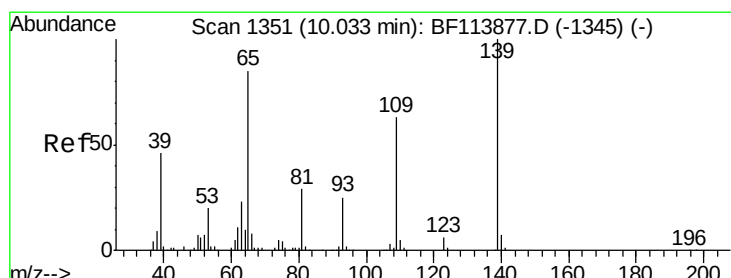
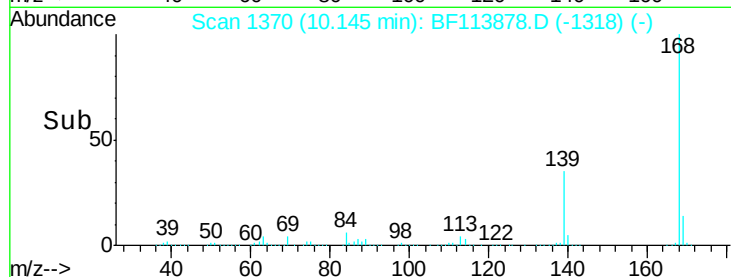
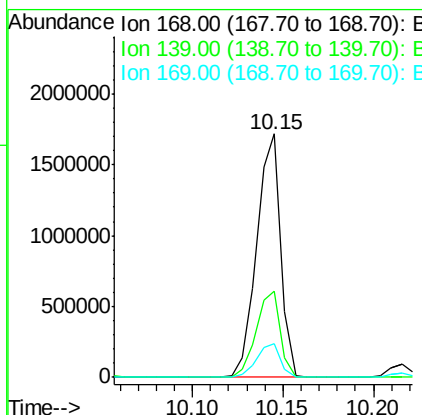
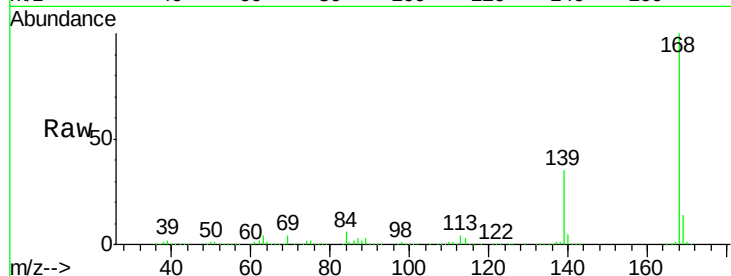
#55  
Dibenzofuran  
Concen: 50.102 ng  
RT: 10.15 min Scan# 1370  
Delta R.T. 0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tgt Ion:168 Resp: 1575967  
Ion Ratio Lower Upper  
168 100  
139 35.4 27.8 41.6  
169 13.9 11.0 16.6

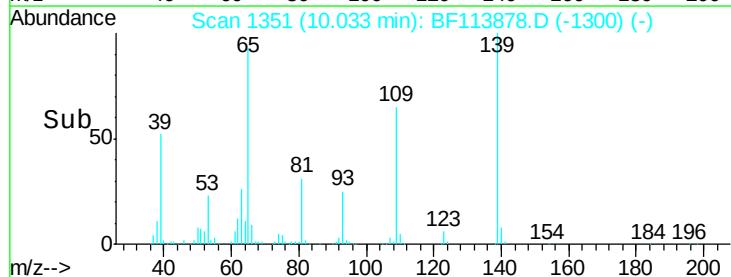
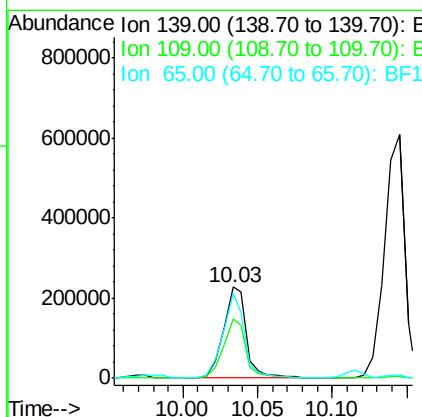
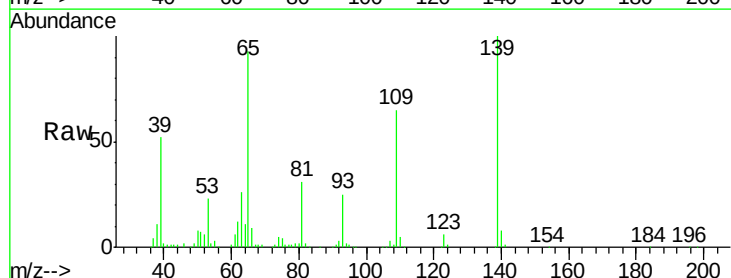
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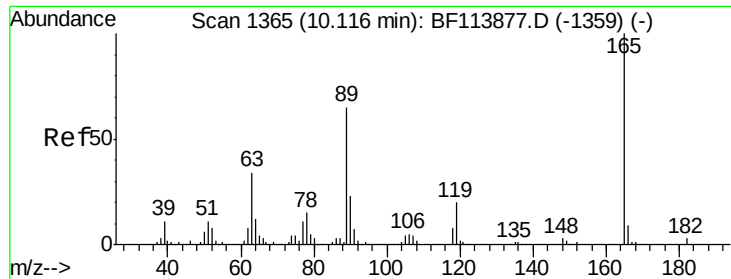


#56  
4-Nitrophenol  
Concen: 50.487 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Tgt Ion:139 Resp: 248272  
Ion Ratio Lower Upper  
139 100  
109 65.3 42.9 82.9  
65 93.0 64.4 104.4







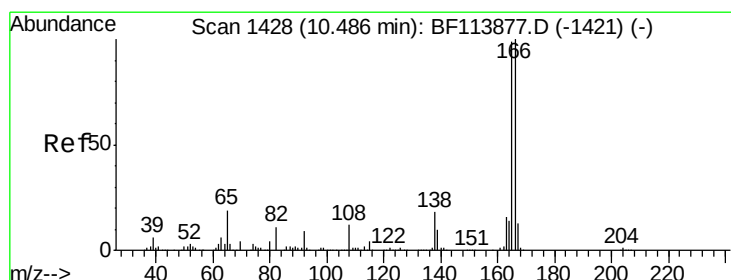
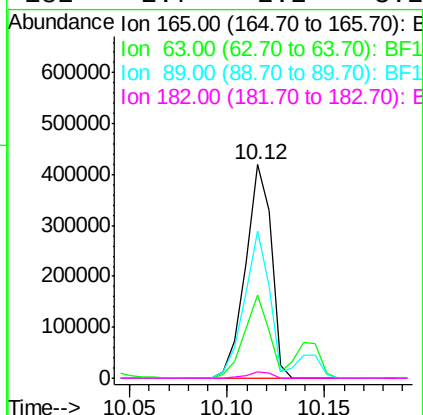
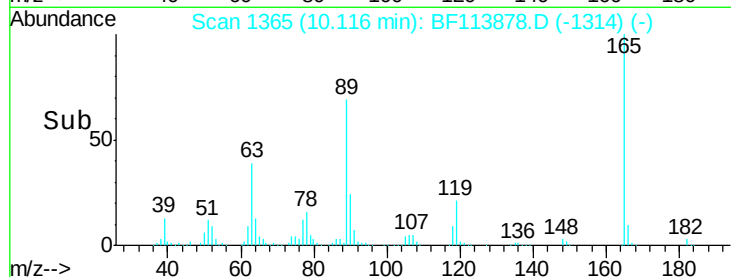
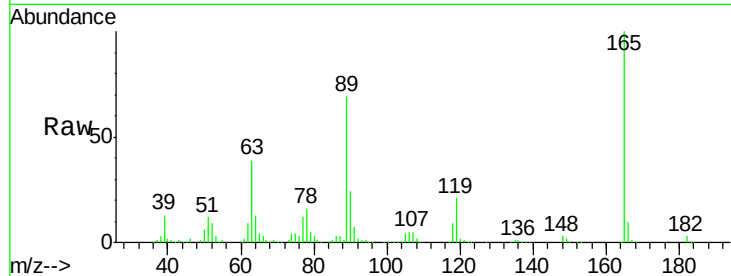
#57  
2,4-Dinitrotoluene  
Concen: 54.278 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 384276 |       |       |
| 63      | 38.8  | 27.4   | 41.0  |       |
| 89      | 68.6  | 51.8   | 77.6  |       |
| 182     | 2.7   | 2.2    | 3.2   |       |

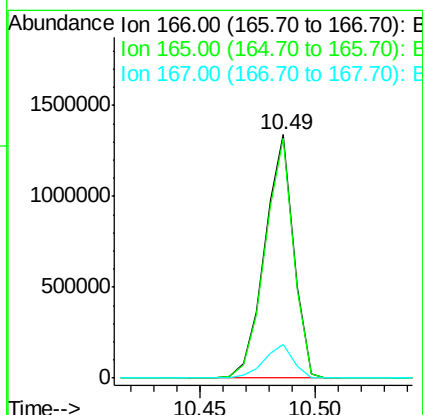
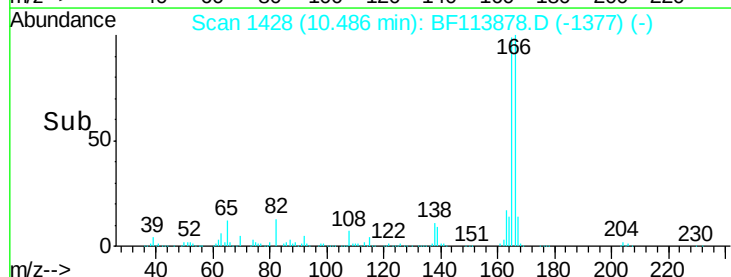
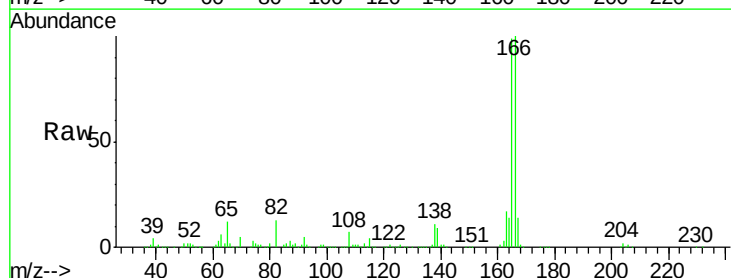
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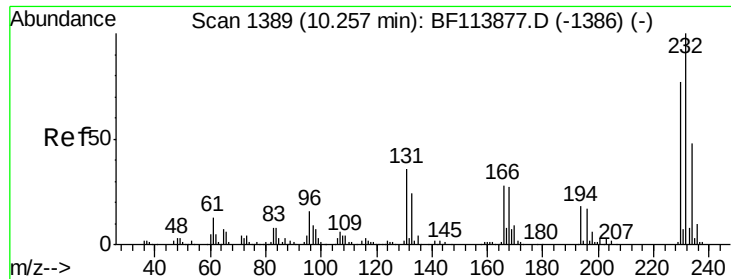
Sohil  
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#58  
Fluorene  
Concen: 49.453 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1160397 |       |       |
| 165     | 98.5  | 78.4    | 117.6 |       |
| 167     | 13.9  | 10.9    | 16.3  |       |





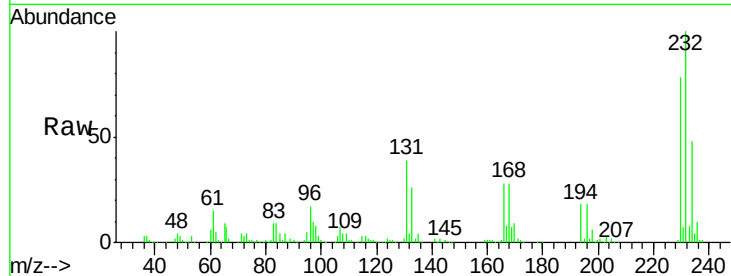
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 54.190 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. -0.00 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

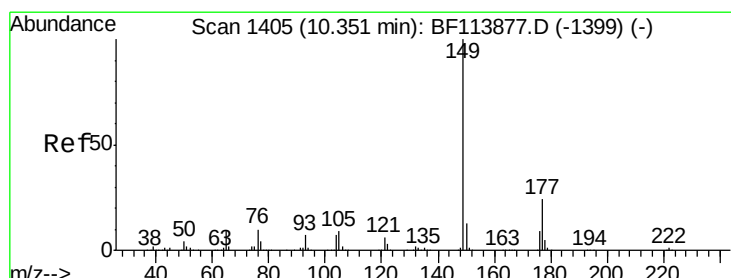
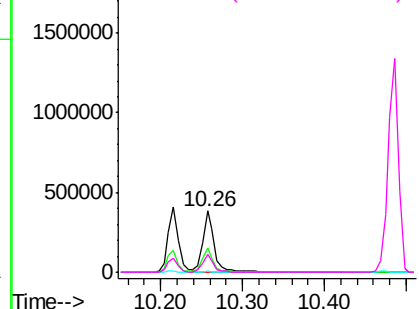
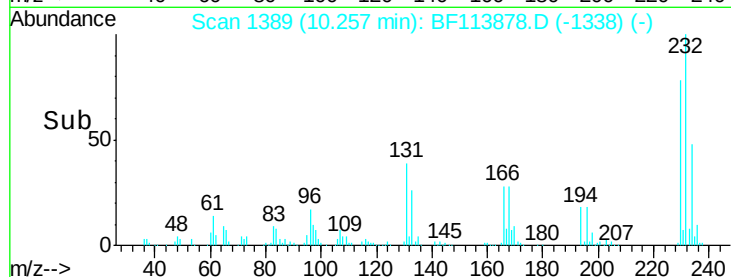
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 376651 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 37.0  | 30.2  | 45.2   |
| 130       | 1.8   | 1.5   | 2.3    |
| 166       | 26.4  | 22.2  | 33.4   |

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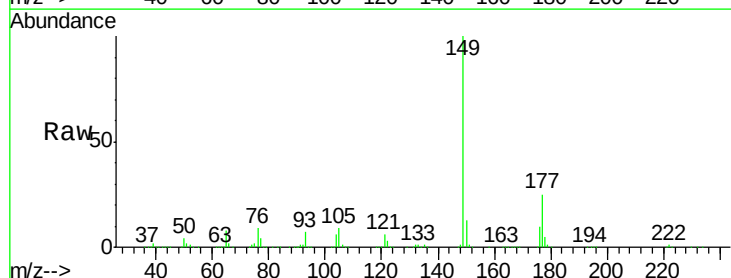


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

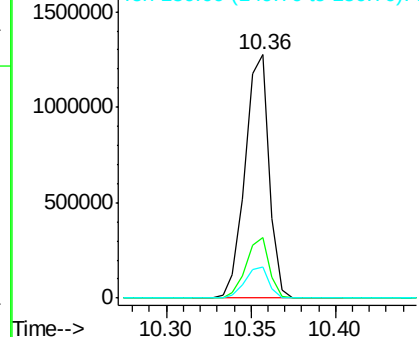
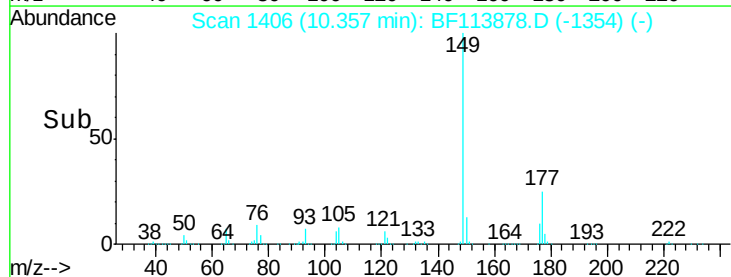


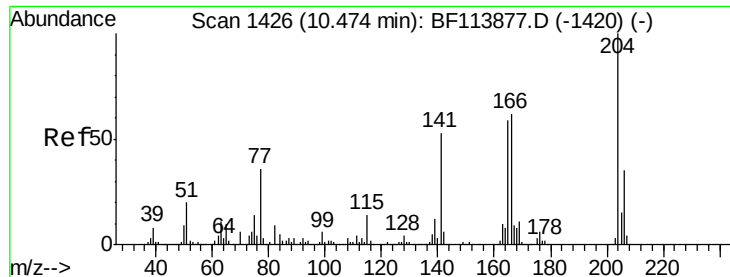
#60  
 Diethylphthalate  
 Concen: 50.858 ng  
 RT: 10.36 min Scan# 1406  
 Delta R.T. 0.01 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1260358 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 24.6  | 19.2  | 28.8    |
| 150       | 12.7  | 10.3  | 15.5    |



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





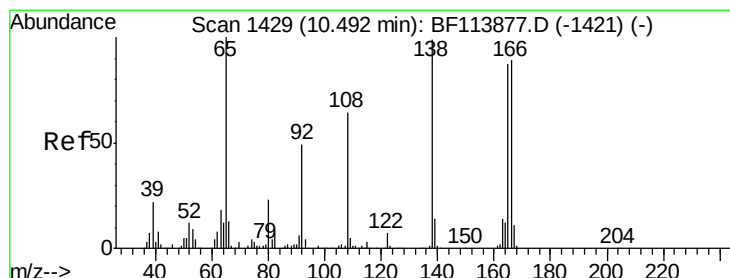
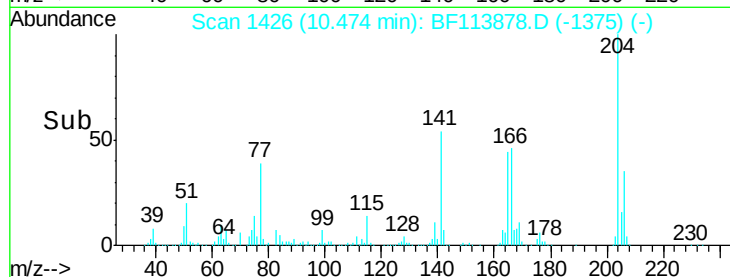
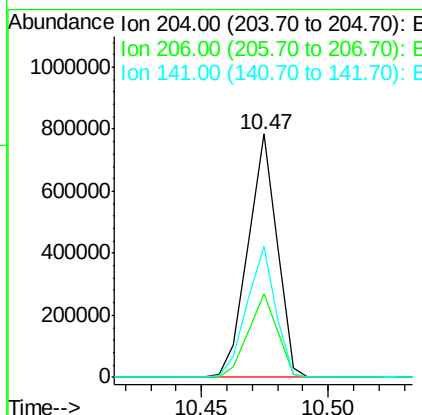
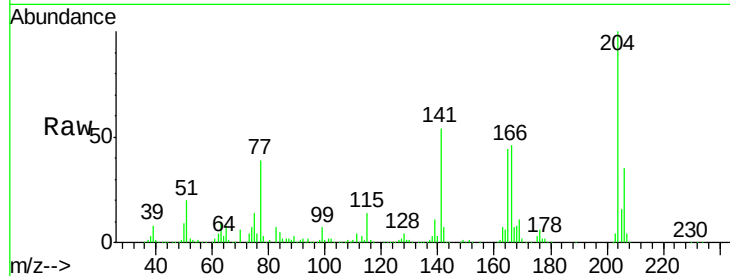
#61  
4-Chlorophenyl-phenylether  
Concen: 52.243 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.6  | 27.4  | 41.2  |
| 141     | 53.6  | 42.6  | 63.8  |

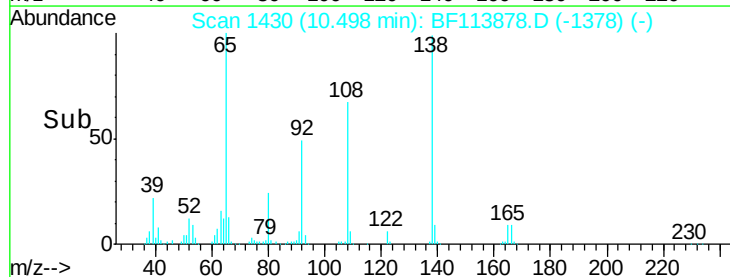
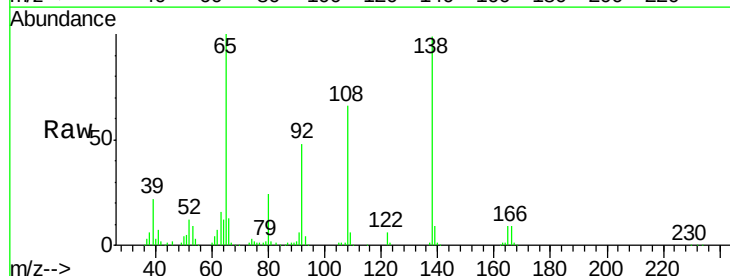
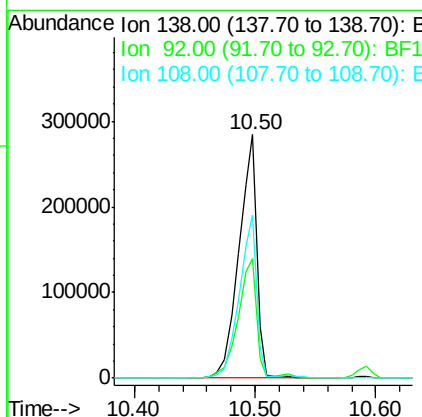
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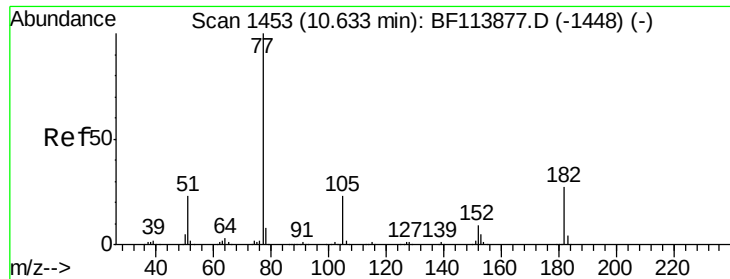
Sohil  
4/23/2019 4:07:42 PM



#62  
4-Nitroaniline  
Concen: 50.652 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. 0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.9  | 31.3  | 71.3  |
| 108     | 67.0  | 48.9  | 88.9  |





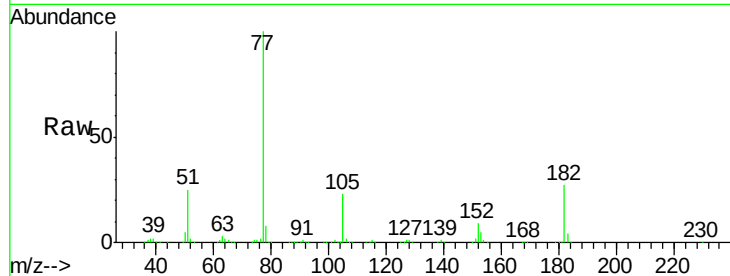
#63  
Azobenzene  
Concen: 47.761 ng  
RT: 10.63 min Scan# 1453  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

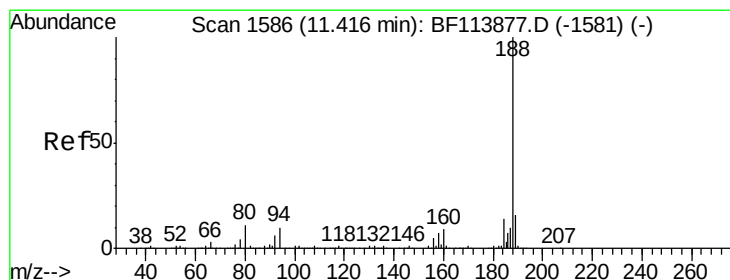
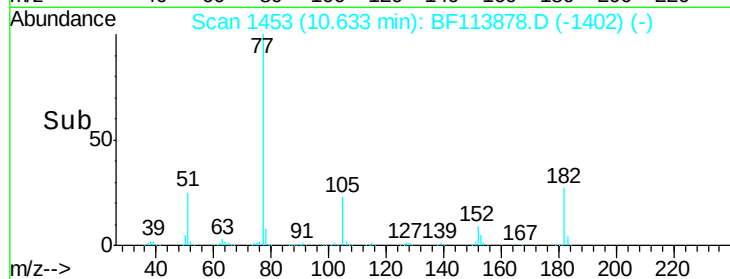
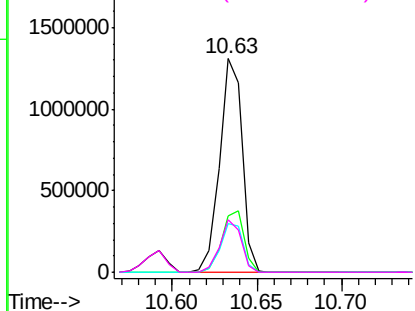
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.6  | 4.4   | 44.4  |
| 105     | 22.7  | 2.2   | 42.2  |
| 51      | 24.5  | 3.9   | 43.9  |

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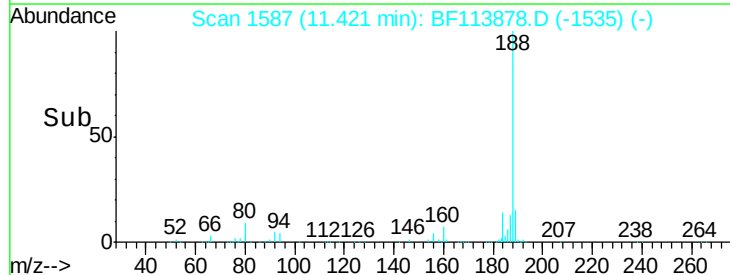
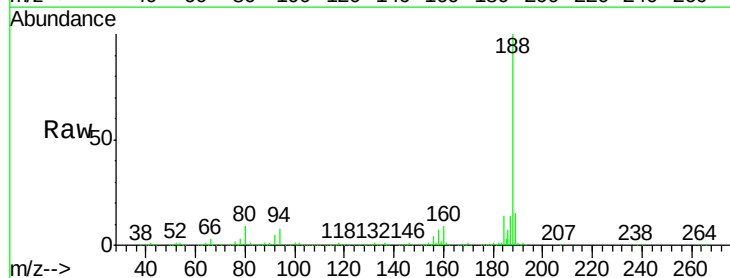
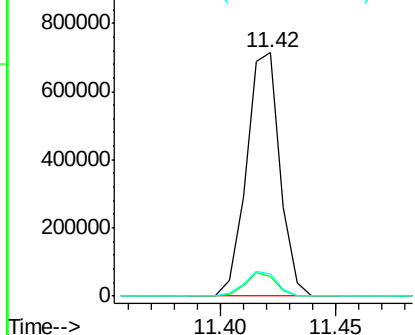
Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

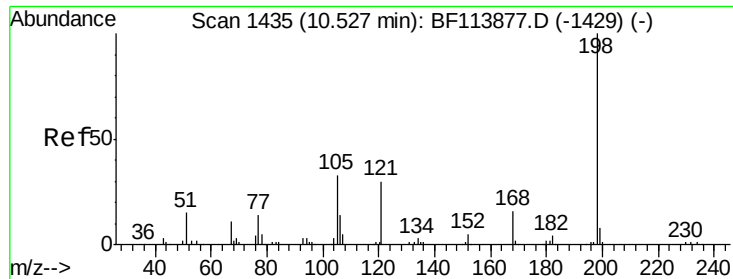


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.42 min Scan# 1587  
Delta R.T. 0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.1   | 8.2   | 12.4# |
| 80      | 9.3   | 9.0   | 13.6  |

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





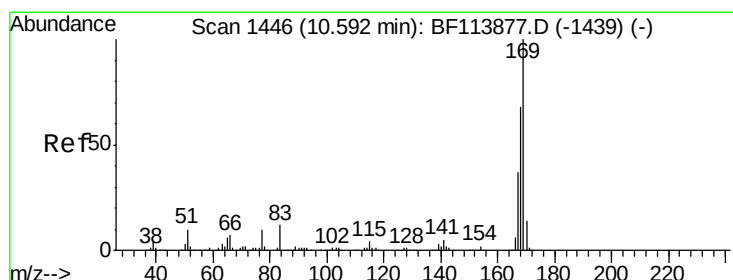
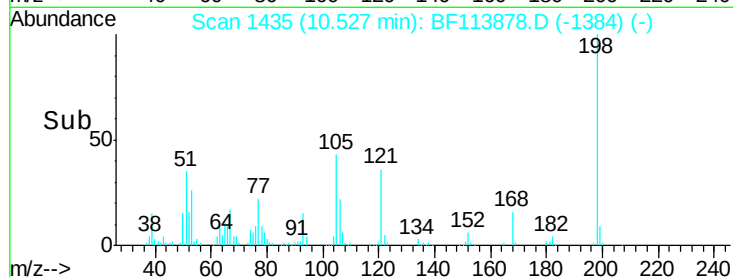
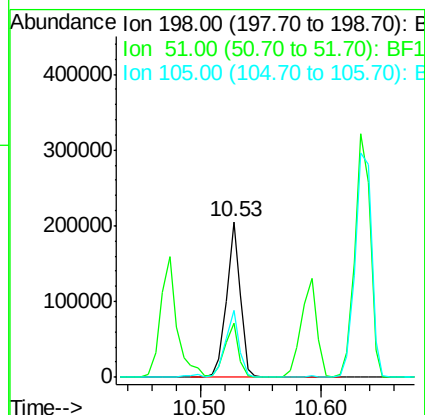
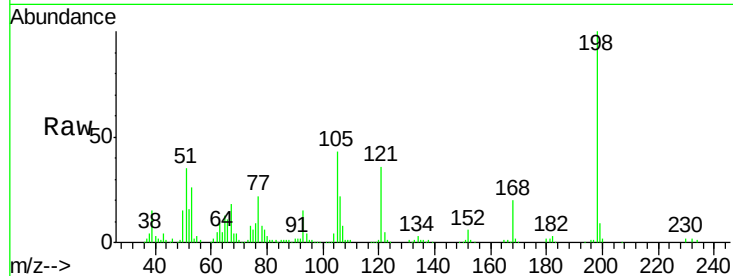
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 59.531 ng  
 RT: 10.53 min Scan# 1435  
 Delta R.T. -0.00 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 35.0  | 11.1  | 51.1  |
| 105     | 42.7  | 20.7  | 60.7  |

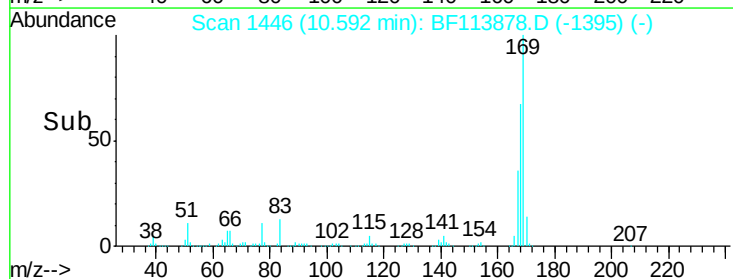
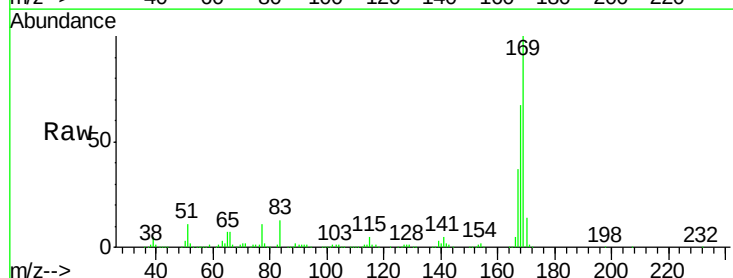
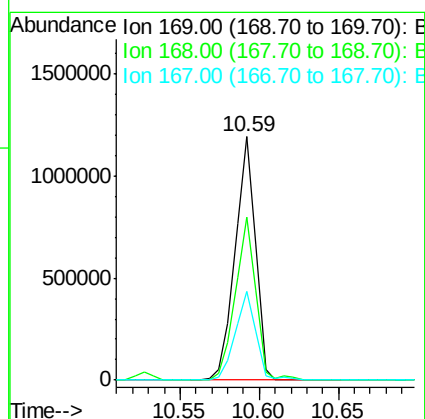
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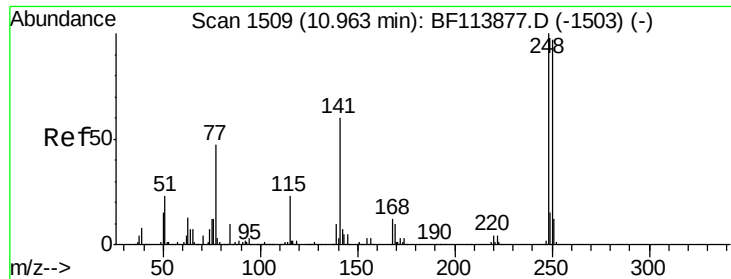
Sohil  
 4/23/2019 4:07:42 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 48.991 ng  
 RT: 10.59 min Scan# 1446  
 Delta R.T. -0.00 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.1  | 54.3  | 81.5  |
| 167     | 36.5  | 29.4  | 44.0  |





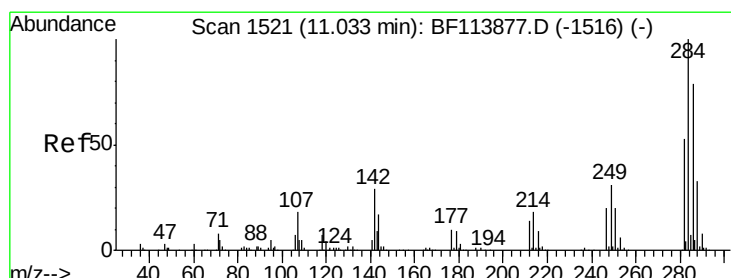
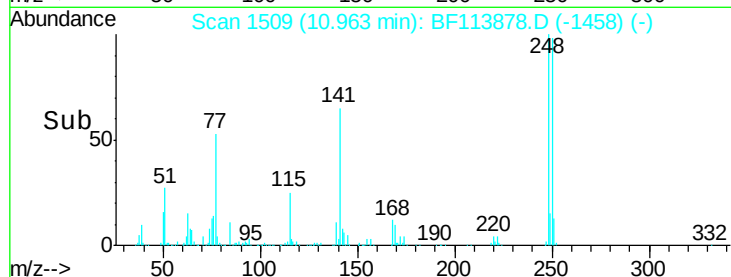
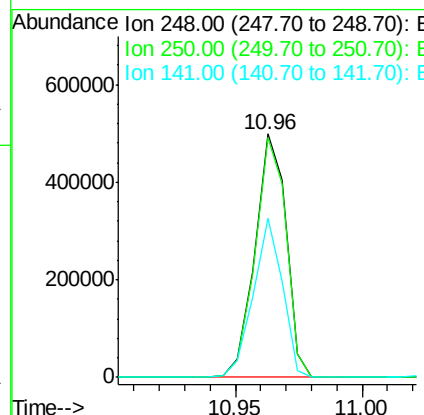
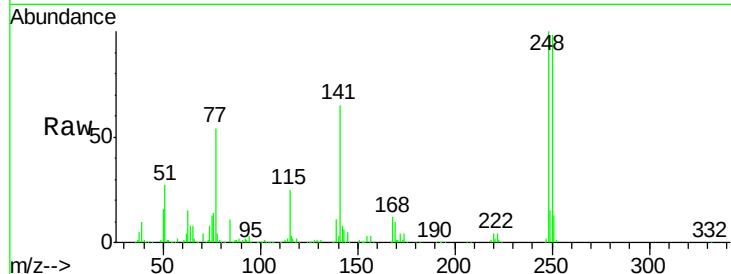
#67  
4-Bromophenyl-phenylether  
Concen: 50.498 ng  
RT: 10.96 min Scan# 1509  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.3  | 75.8  | 113.6 |
| 141     | 65.2  | 50.2  | 75.4  |

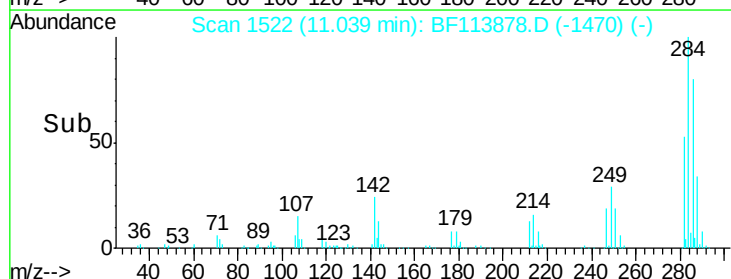
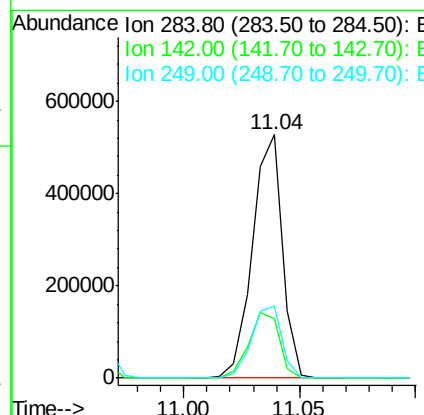
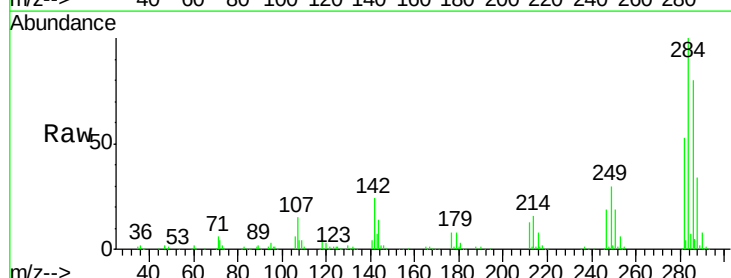
Manual Integrations  
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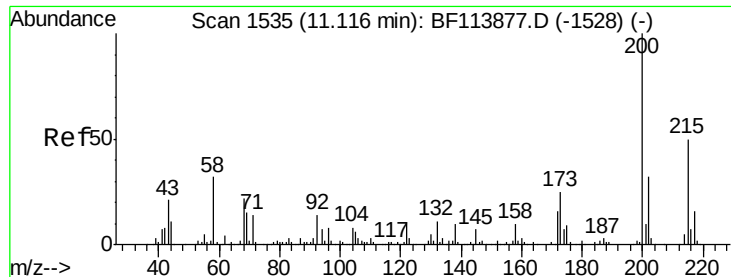
Sohil  
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#68  
Hexachlorobenzene  
Concen: 51.364 ng  
RT: 11.04 min Scan# 1522  
Delta R.T. 0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 24.4  | 23.0  | 34.4  |
| 249     | 29.5  | 24.4  | 36.6  |





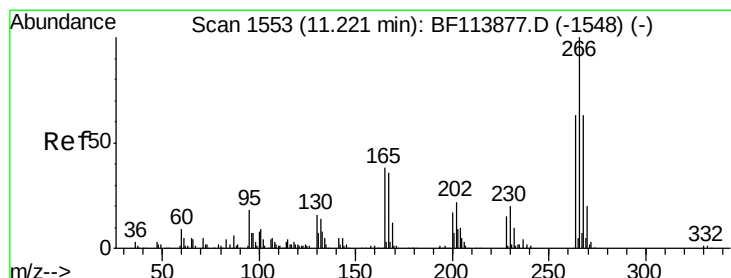
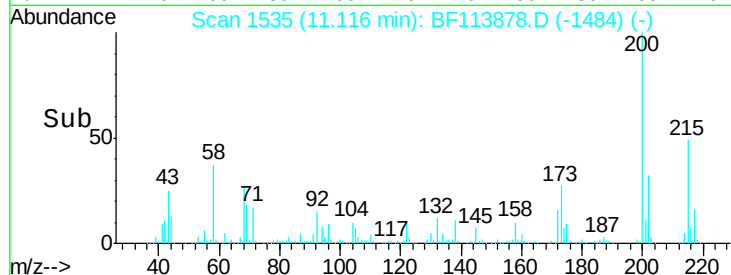
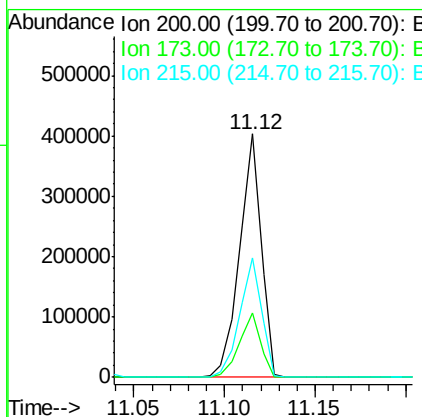
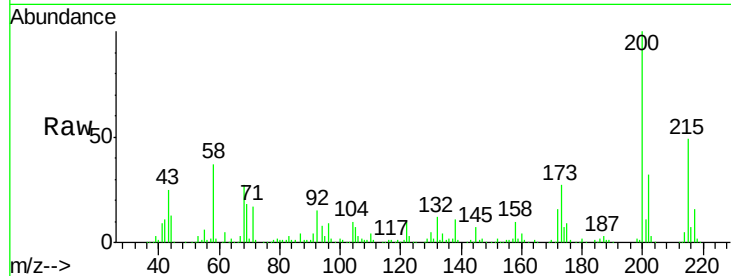
#69  
Atrazine  
Concen: 49.599 ng  
RT: 11.12 min Scan# 1535  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 335179 |       |       |
| 173     | 26.6  | 5.9    | 45.9  |       |
| 215     | 49.2  | 29.3   | 69.3  |       |

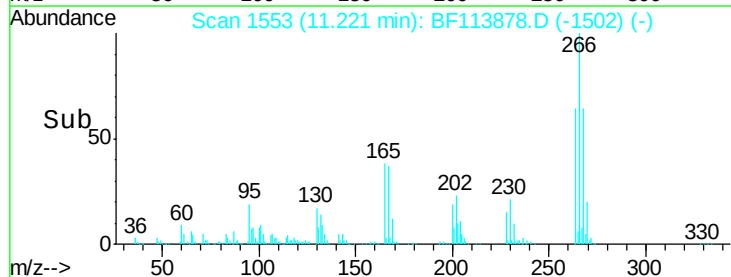
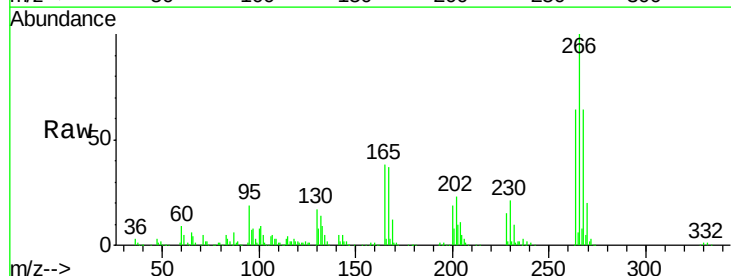
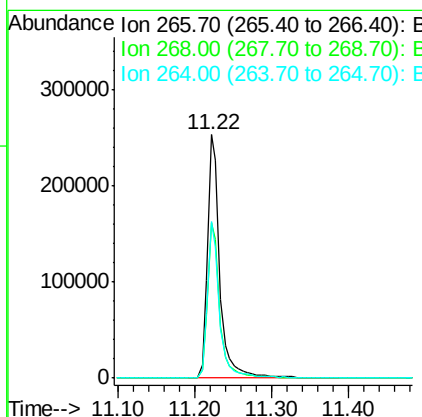
Manual Integrations  
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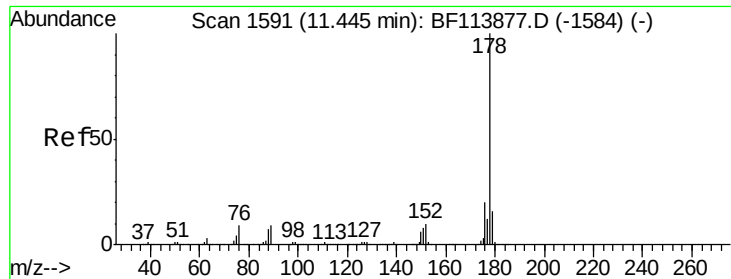
Sohil  
4/23/2019 4:07:42 PM



#70  
Pentachlorophenol  
Concen: 53.247 ng  
RT: 11.22 min Scan# 1553  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 280900 |       |       |
| 268     | 63.9  | 53.5   | 80.3  |       |
| 264     | 64.2  | 51.0   | 76.6  |       |





#71

Phenanthrene

Concen: 48.738 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:178 Resp: 1788623

Ion Ratio Lower Upper

178 100

176 20.3 16.1 24.1

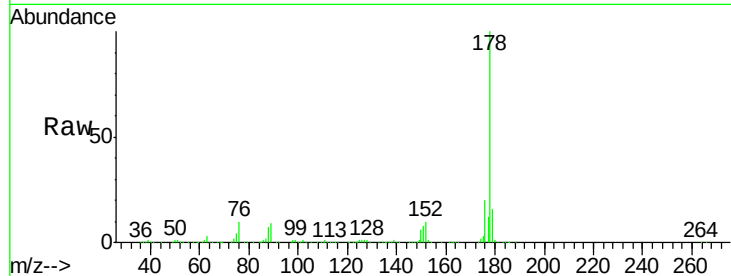
179 16.2 12.8 19.2

Manual Integrations

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Sohil

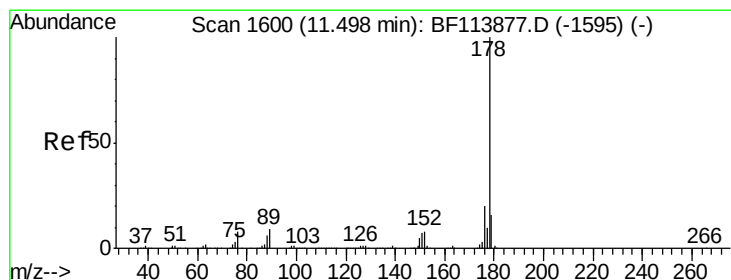
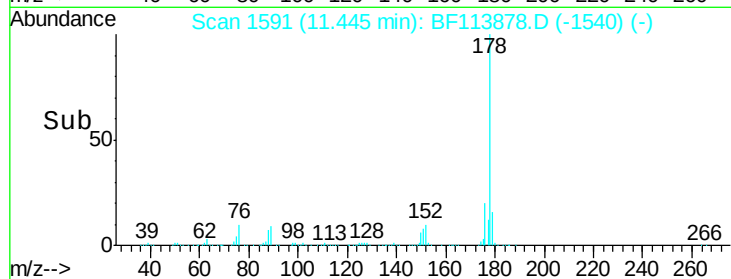
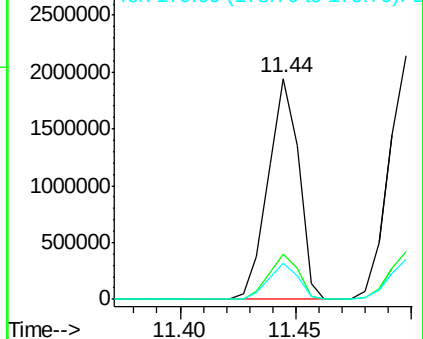
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.427 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Tgt Ion:178 Resp: 1790907

Ion Ratio Lower Upper

178 100

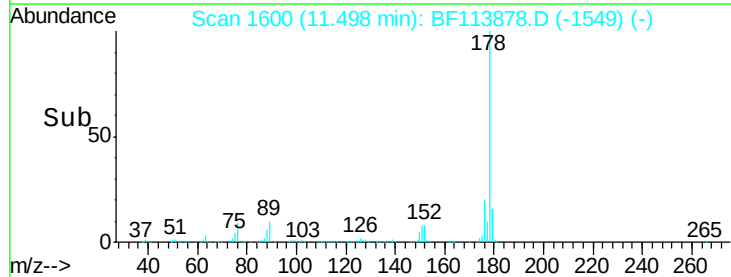
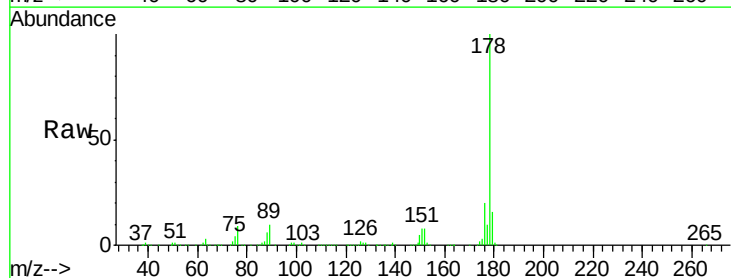
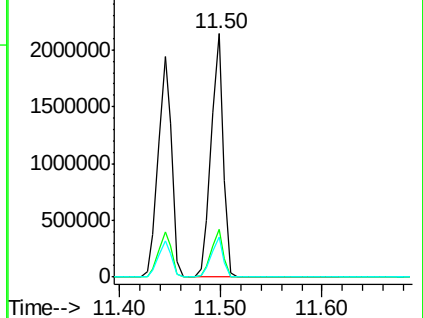
176 19.9 15.7 23.5

179 16.4 13.0 19.4

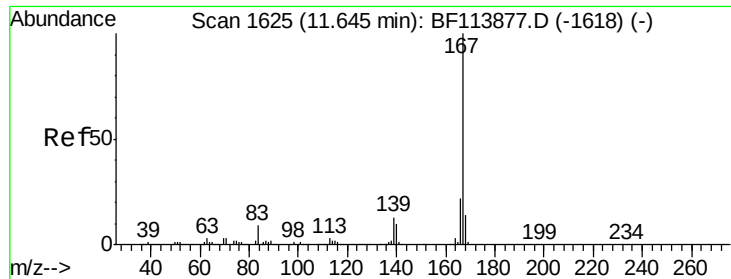
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 47.642 ng

RT: 11.64 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:167 Resp: 1599639

Ion Ratio Lower Upper

167 100

166 22.7 17.7 26.5

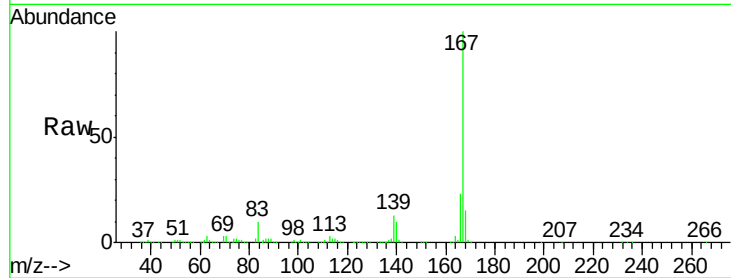
139 13.3 10.0 15.0

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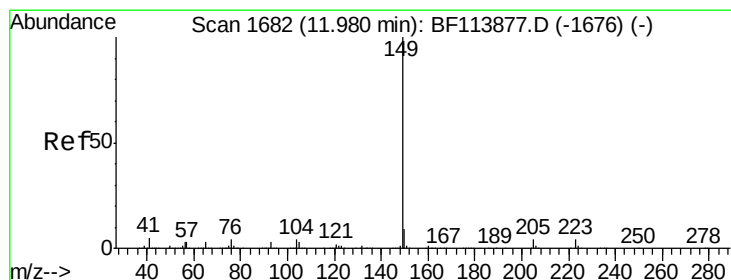
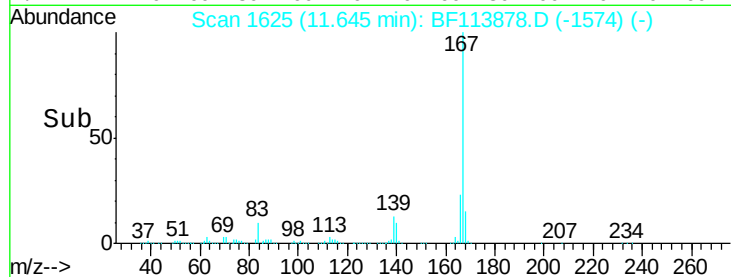
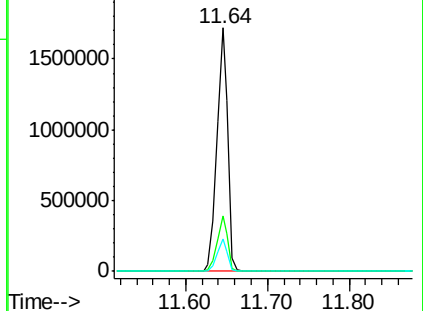
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.409 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

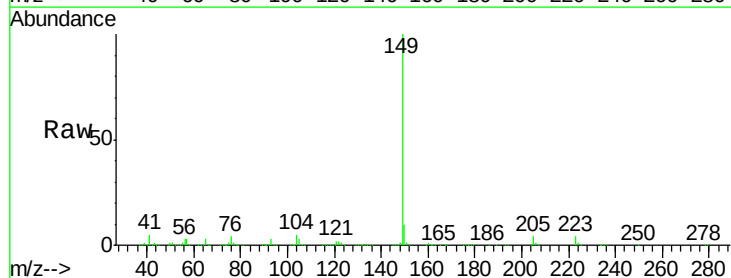
Tgt Ion:149 Resp: 1883743

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

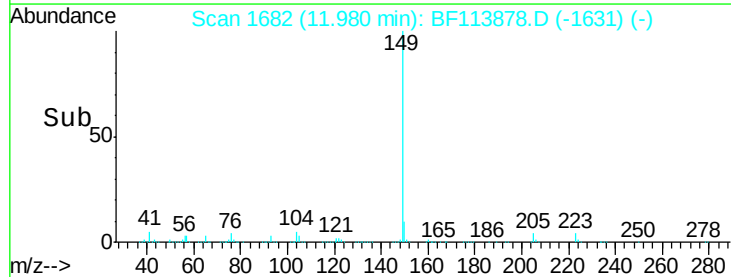
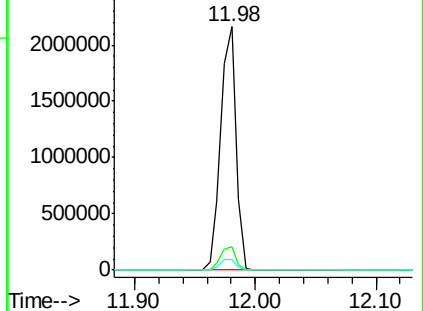
104 4.6 3.8 5.8

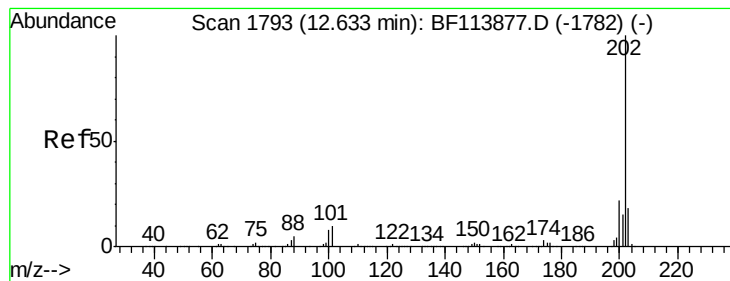


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





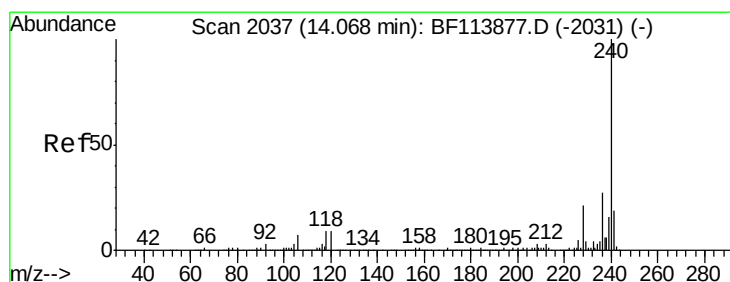
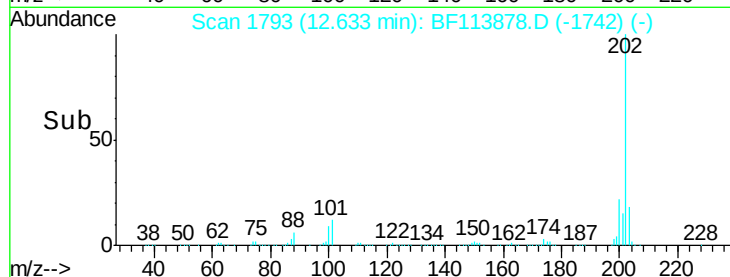
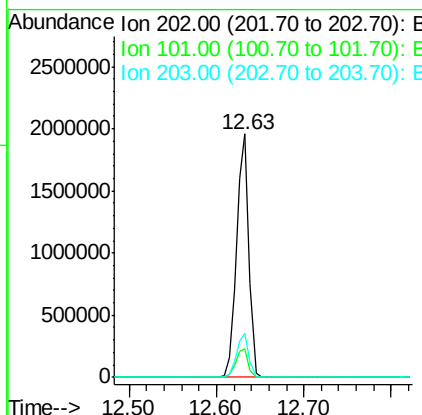
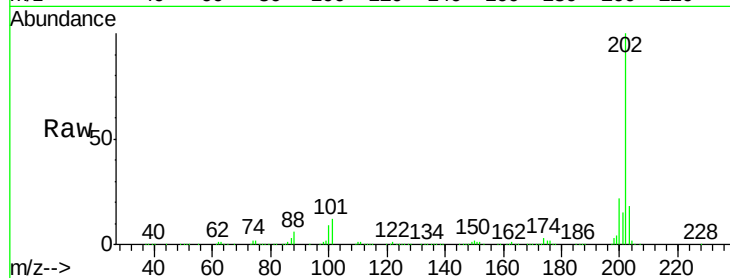
#75  
 Fluoranthene  
 Concen: 47.730 ng  
 RT: 12.63 min Scan# 1793  
 Delta R.T. -0.00 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 202     | 100   | 1856395 |       |       |
| 101     | 11.8  | 0.0     | 32.9  |       |
| 203     | 18.2  | 0.0     | 38.2  |       |

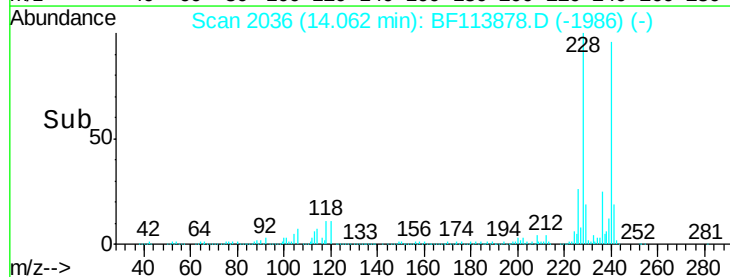
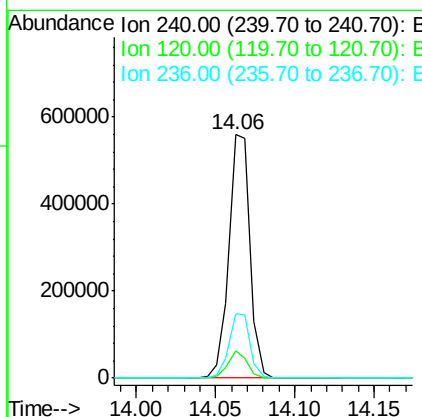
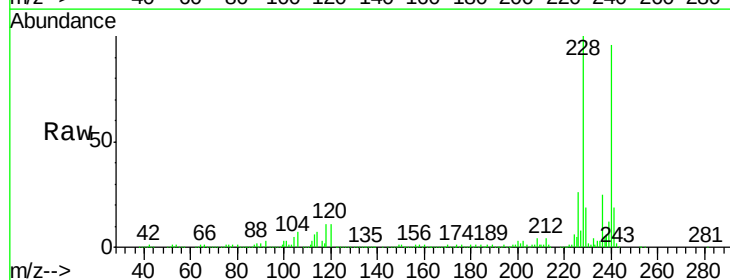
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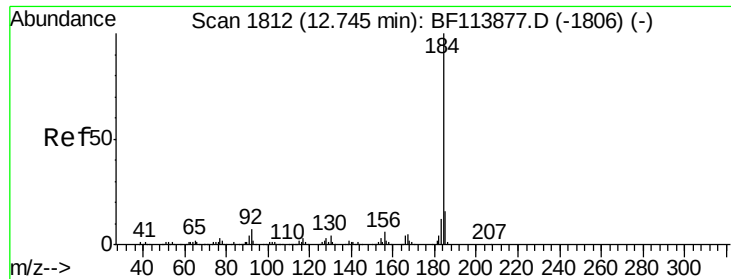
Sohil  
 4/23/2019 4:07:42 PM



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.06 min Scan# 2036  
 Delta R.T. -0.01 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 517059 |       |       |
| 120     | 11.4  | 9.3    | 13.9  |       |
| 236     | 26.5  | 21.2   | 31.8  |       |





#77

Benzidine

Concen: 51.868 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tgt Ion:184 Resp: 776358

Ion Ratio Lower Upper

184 100

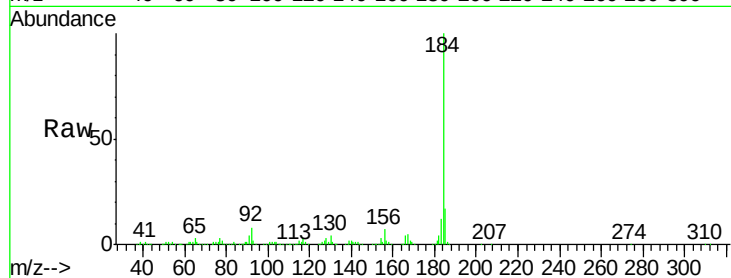
185 17.5 13.0 19.6

183 11.8 9.4 14.0

Manual Integrations  
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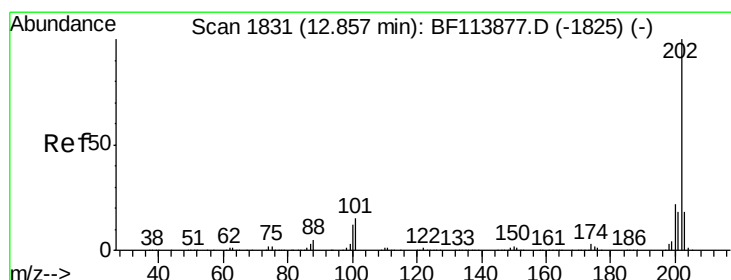
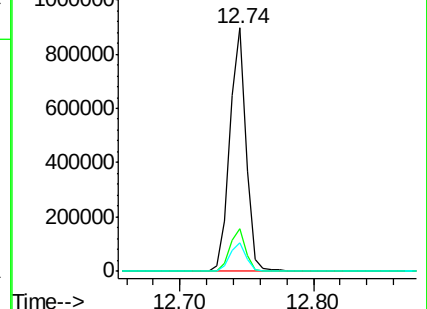
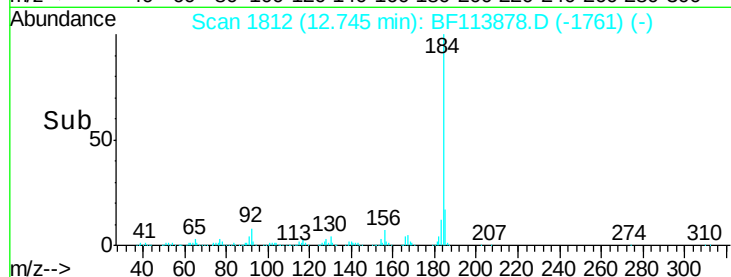
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.535 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

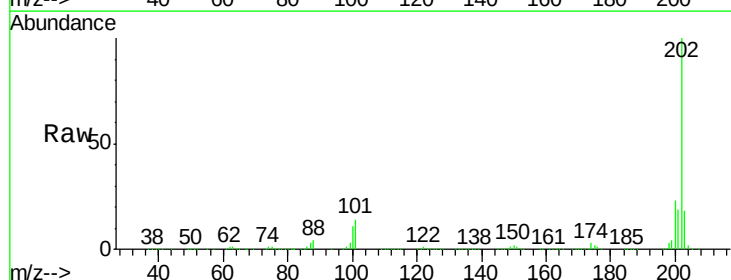
Tgt Ion:202 Resp: 1841495

Ion Ratio Lower Upper

202 100

200 22.7 17.7 26.5

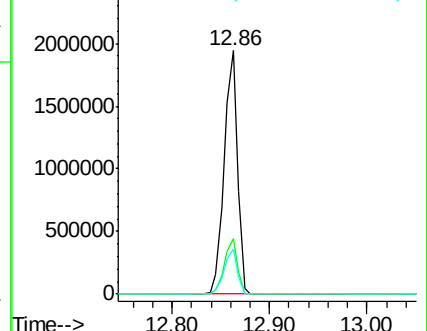
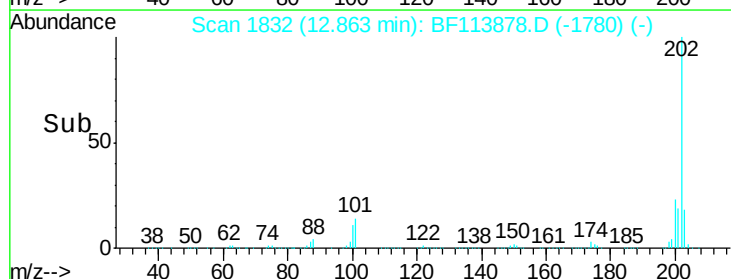
203 18.4 15.0 22.6

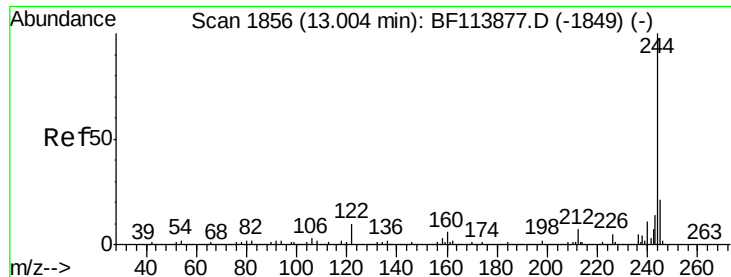


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 102.801 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:244 Resp: 2534822

Ion Ratio Lower Upper

244 100

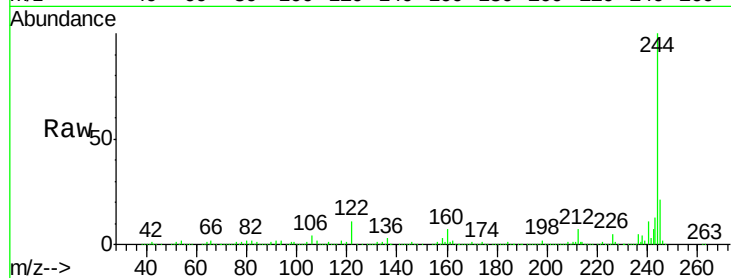
212 7.3 5.4 8.2

122 10.9 7.6 11.4

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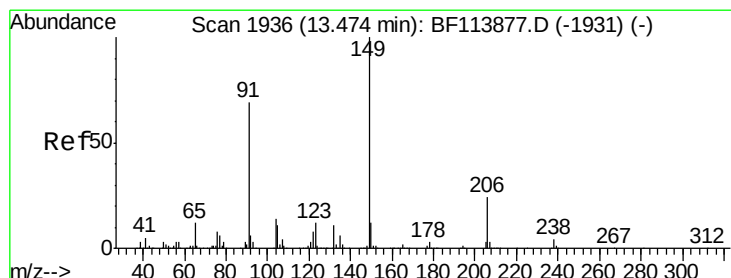
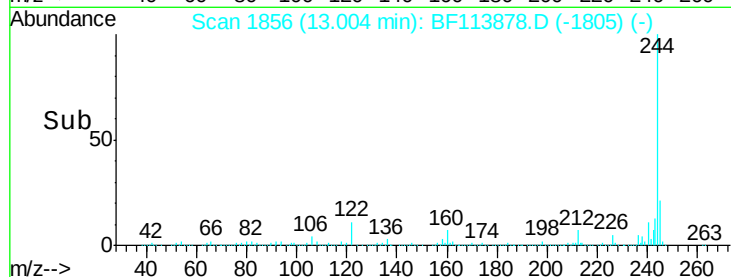
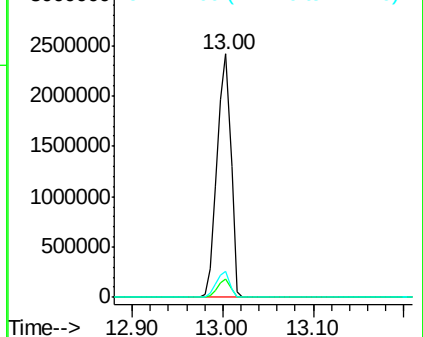
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.377 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

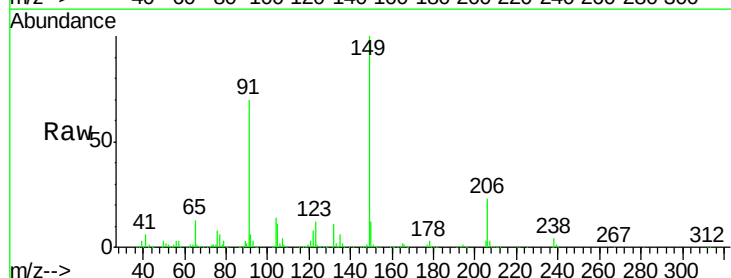
Tgt Ion:149 Resp: 720531

Ion Ratio Lower Upper

149 100

91 69.7 56.3 84.5

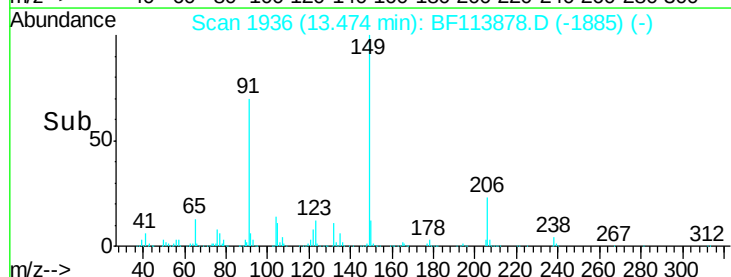
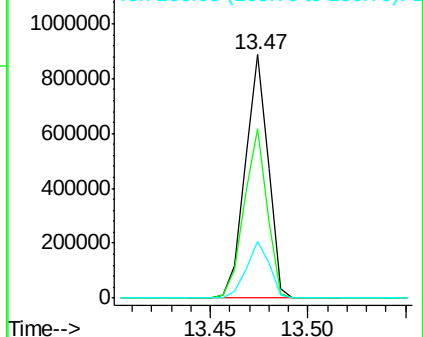
206 23.4 19.0 28.6

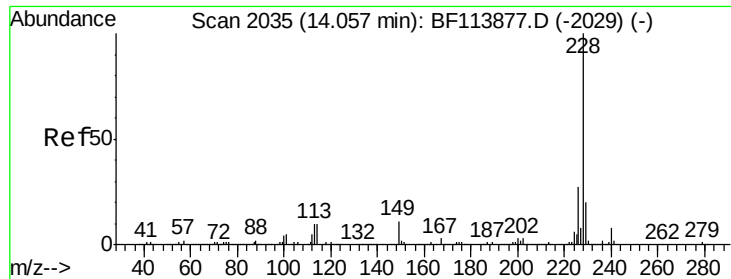


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.430 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

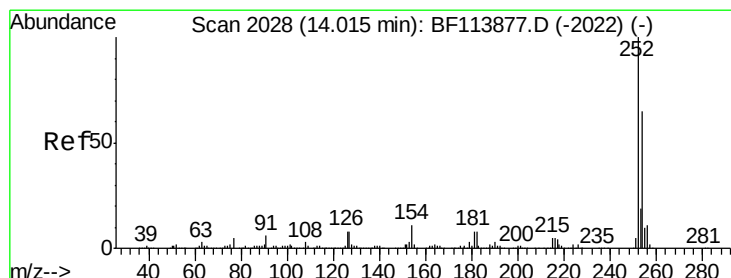
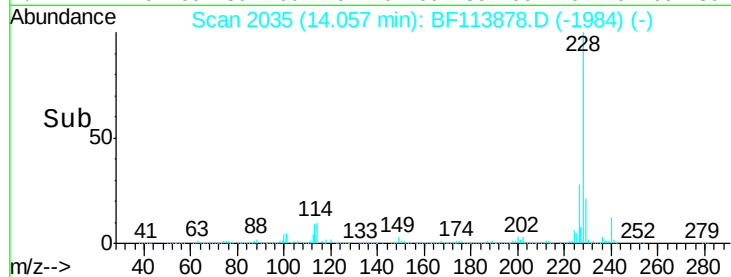
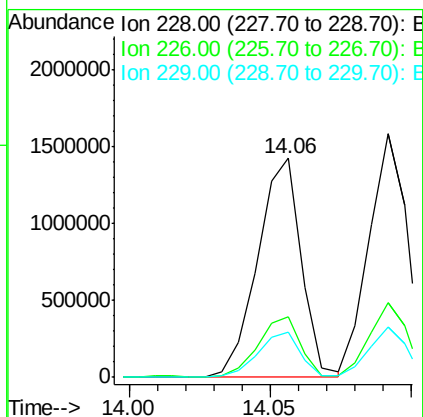
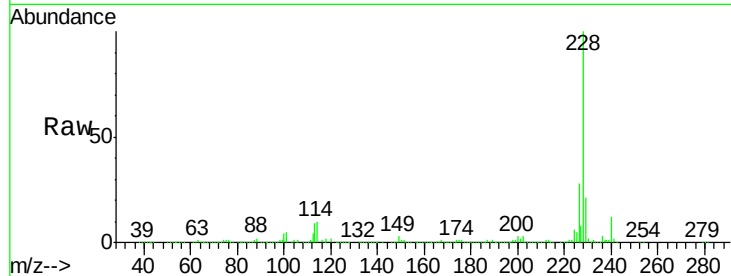
ClientSampleId :

SSTDICC050

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 228   | Resp: | 1524250 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 27.8  | 22.2  | 33.2    |
| 229      | 20.5  | 16.0  | 24.0    |

Manual Integrations  
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#82

3,3'-Dichlorobenzidine

Concen: 51.969 ng

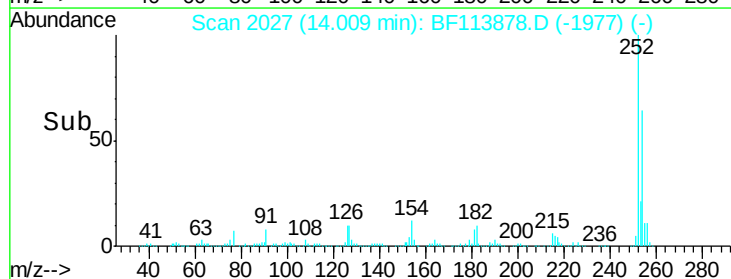
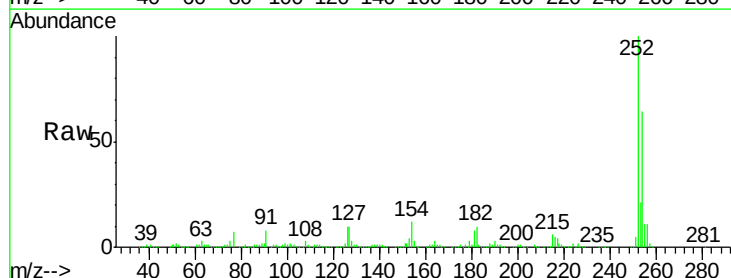
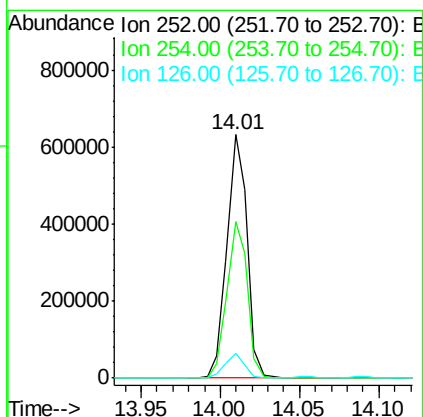
RT: 14.01 min Scan# 2027

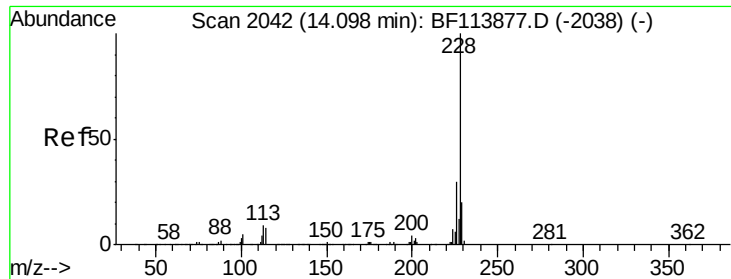
Delta R.T. -0.01 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 558287 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 64.4  | 52.1  | 78.1   |
| 126      | 10.1  | 9.3   | 13.9   |





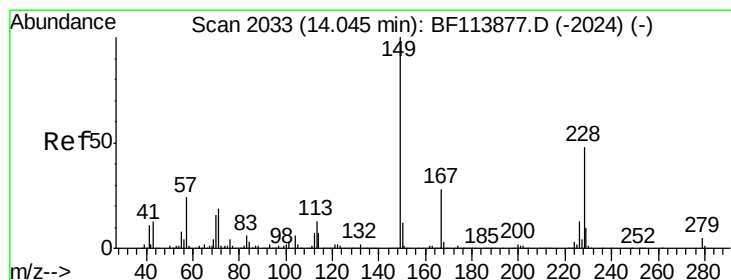
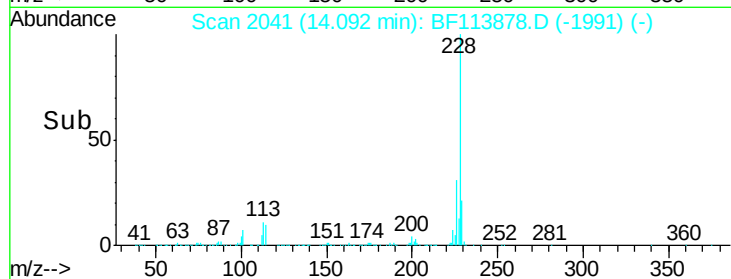
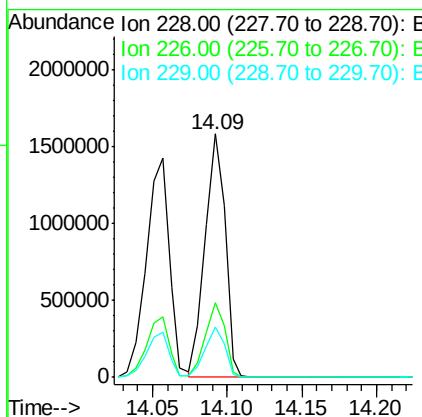
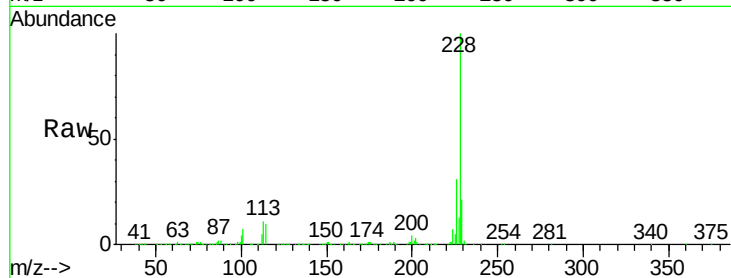
#83  
Chrysene  
Concen: 49.017 ng  
RT: 14.09 min Scan# 2041  
Delta R.T. -0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tgt Ion: 228 Resp: 1470505  
Ion Ratio Lower Upper  
228 100  
226 30.8 25.2 37.8  
229 20.7 16.7 25.1

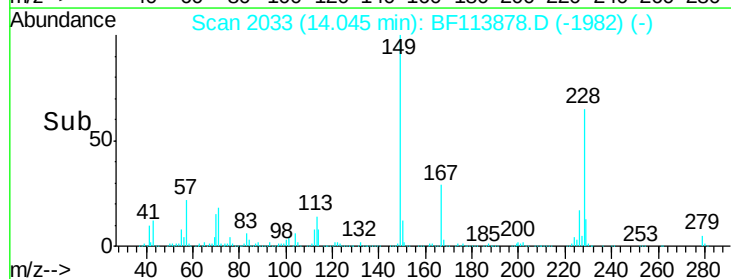
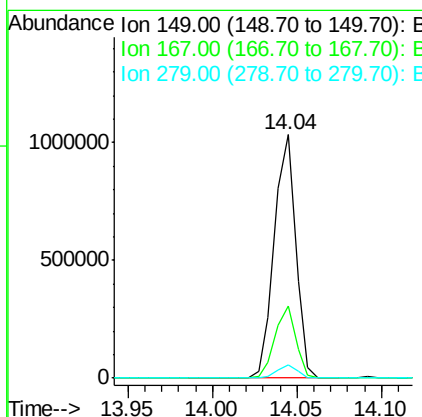
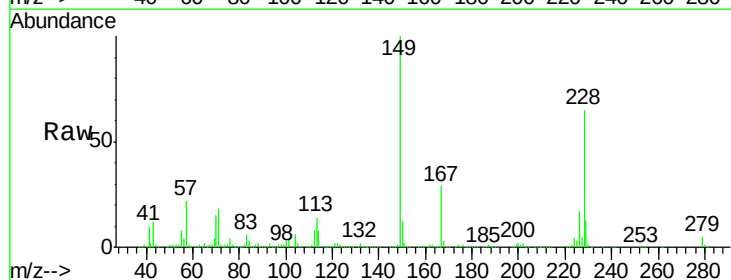
Manual Integrations  
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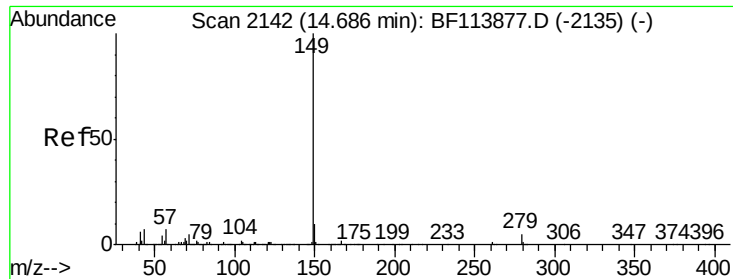
Sohil  
4/23/2019 4:07:42 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 56.488 ng  
RT: 14.04 min Scan# 2033  
Delta R.T. -0.00 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Tgt Ion: 149 Resp: 912222  
Ion Ratio Lower Upper  
149 100  
167 29.5 22.9 34.3  
279 5.2 4.2 6.2





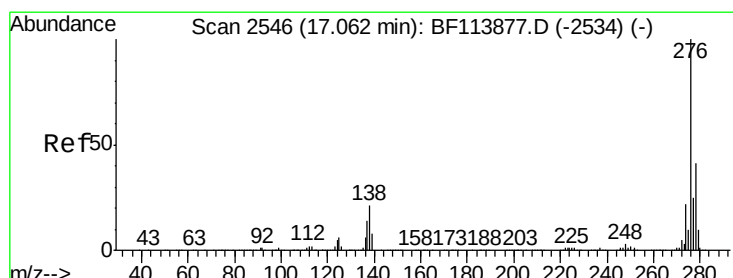
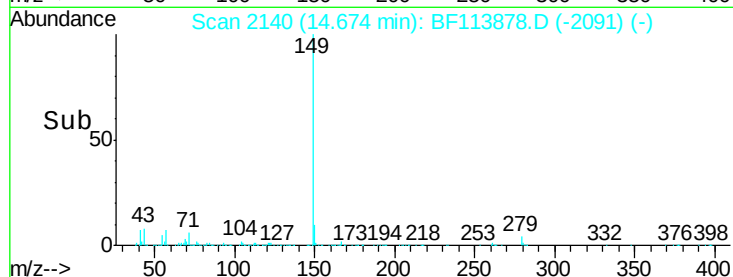
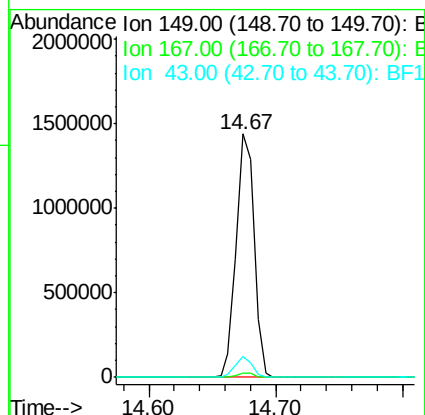
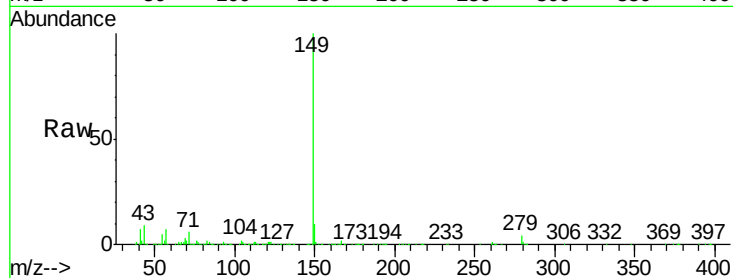
#85  
 Di-n-octyl phthalate  
 Concen: 55.929 ng  
 RT: 14.67 min Scan# 2140  
 Delta R.T. -0.01 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1401378 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.7   | 1.3   | 1.9     |
| 43        | 8.0   | 6.6   | 10.0    |

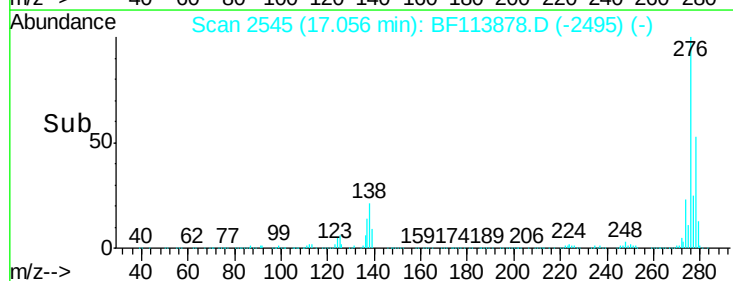
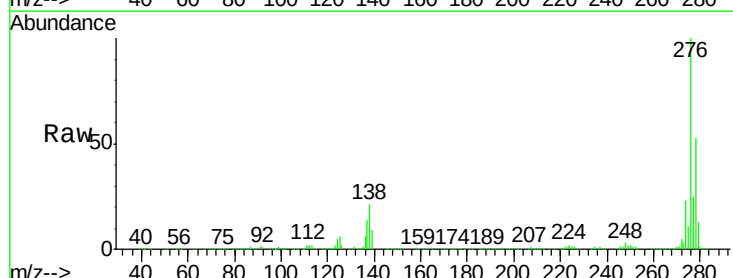
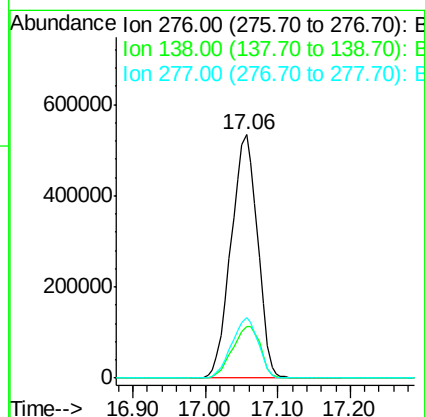
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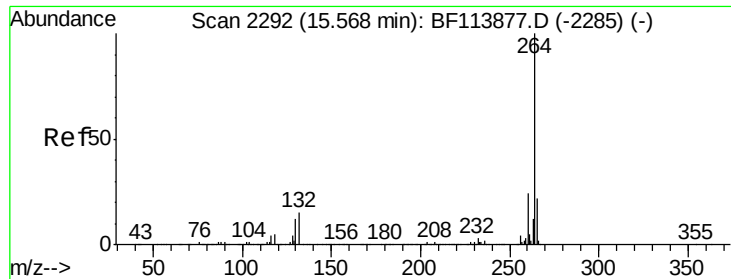
Sohil  
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#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 55.348 ng  
 RT: 17.06 min Scan# 2545  
 Delta R.T. -0.01 min  
 Lab File: BF113878.D  
 Acq: 22 Apr 2019 14:07

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 1355505 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 138       | 22.6  | 19.6  | 29.4    |
| 277       | 25.1  | 20.2  | 30.4    |





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

Instrument :

BNA\_F

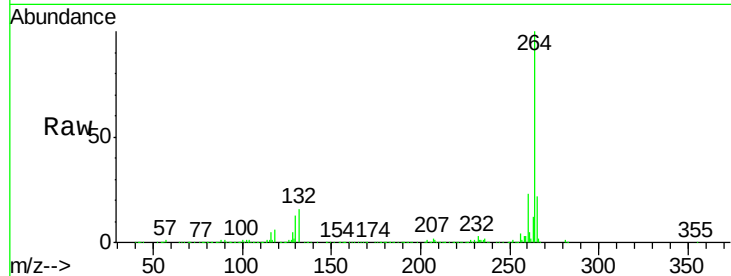
ClientSampleId :

SSTDICC050

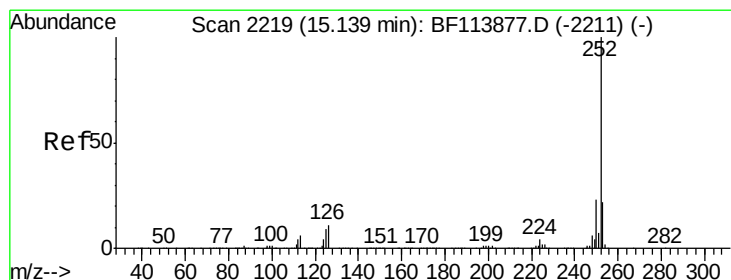
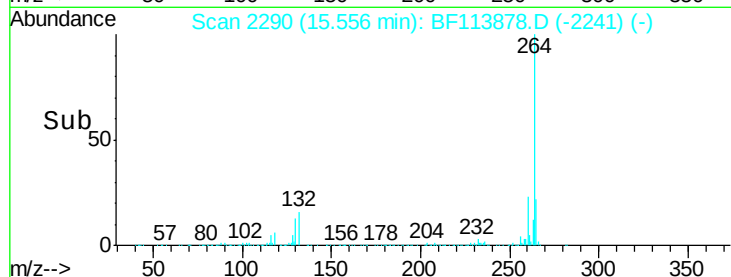
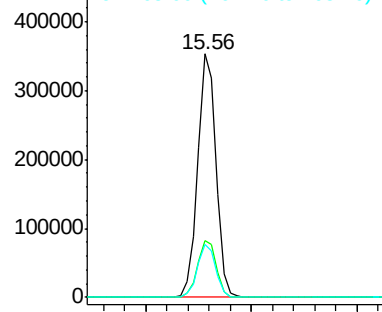
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 423631 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.5  | 18.9  | 28.3   |
| 265       | 21.8  | 17.3  | 25.9   |

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



#88

Benzo(b)fluoranthene

Concen: 52.617 ng

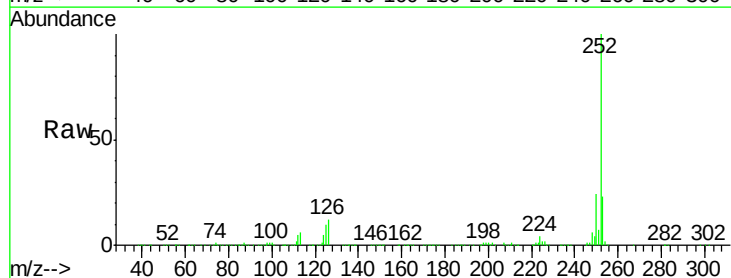
RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

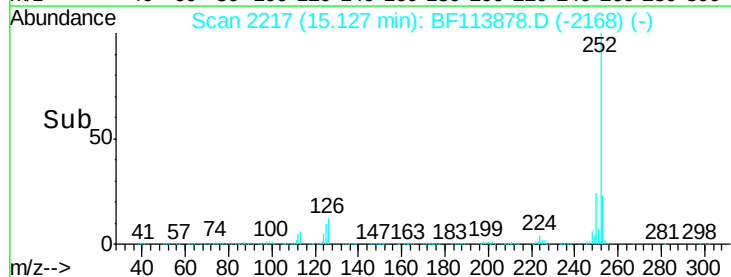
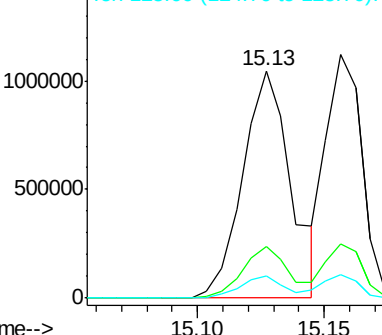
Lab File: BF113878.D

Acq: 22 Apr 2019 14:07

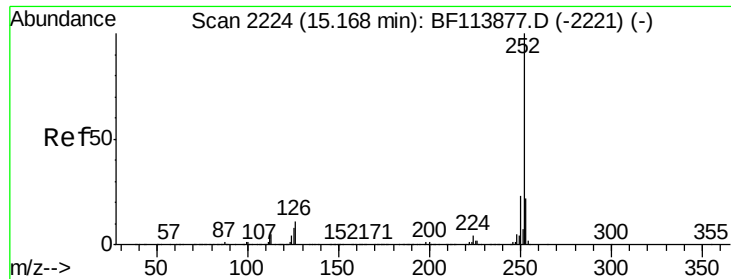
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1389578 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 22.7  | 17.8  | 26.6    |
| 125       | 9.7   | 7.0   | 10.6    |



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







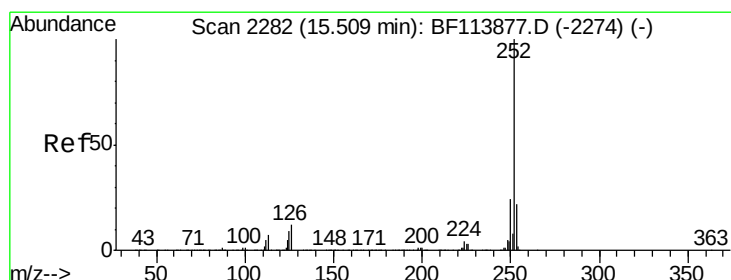
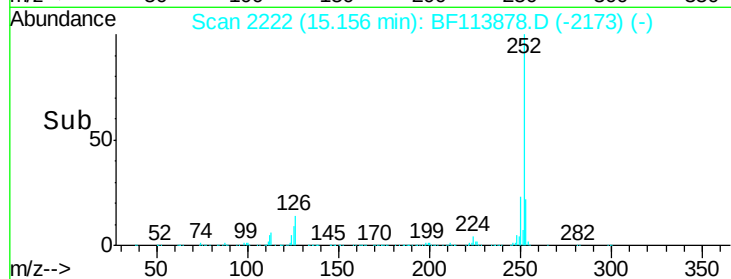
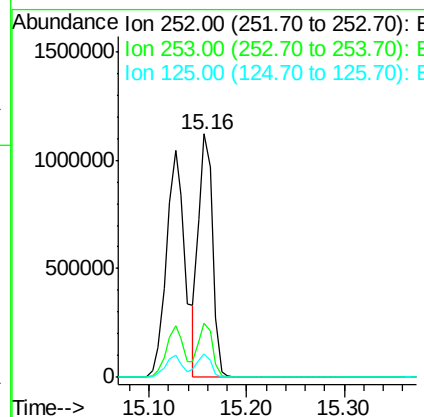
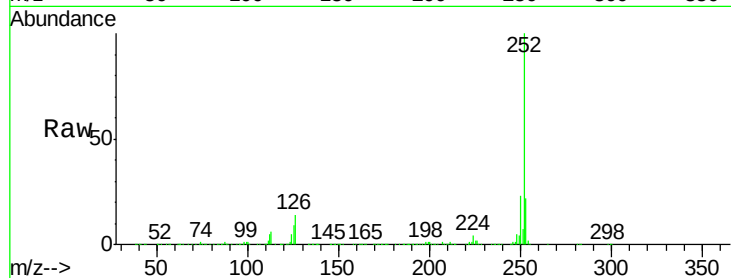
#89  
Benzo(k)fluoranthene  
Concen: 46.202 ng  
RT: 15.16 min Scan# 2222  
Delta R.T. -0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.2  | 27.2  |
| 125     | 9.5   | 7.4   | 11.2  |

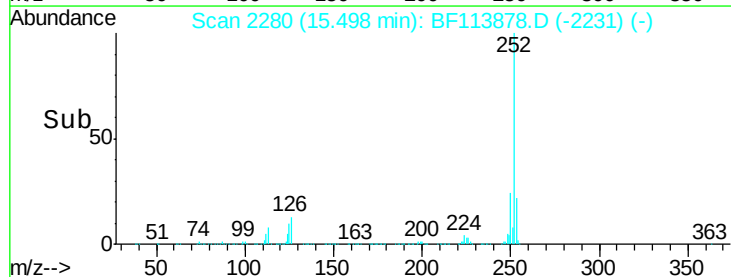
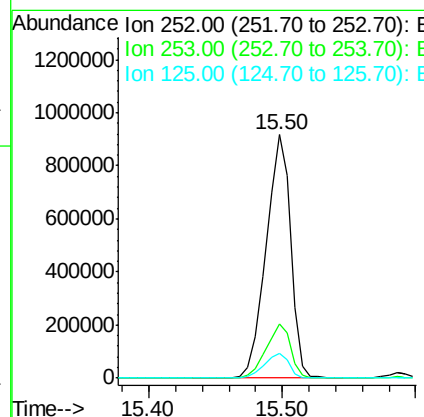
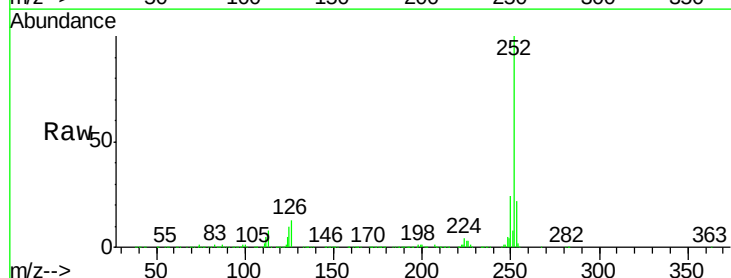
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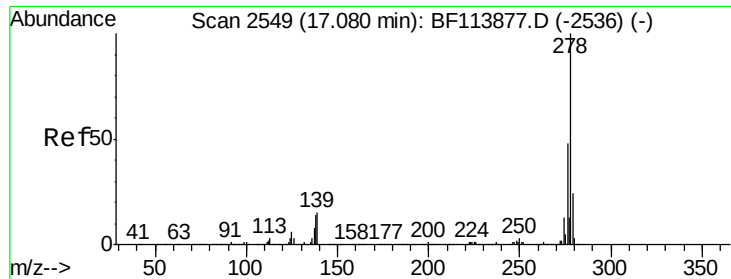
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#90  
Benzo(a)pyrene  
Concen: 49.889 ng  
RT: 15.50 min Scan# 2280  
Delta R.T. -0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.5  | 26.3  |
| 125     | 10.2  | 8.5   | 12.7  |





#91  
Dibenzo(a,h)anthracene  
Concen: 53.329 ng  
RT: 17.07 min Scan# 2548  
Delta R.T. -0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

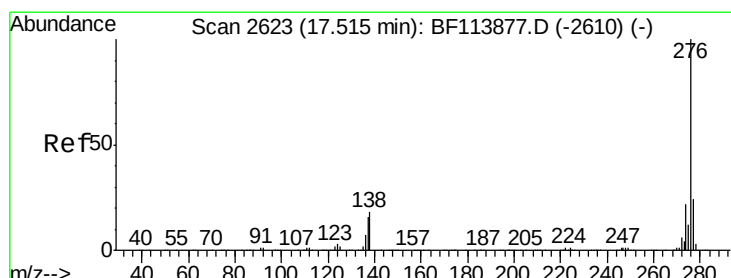
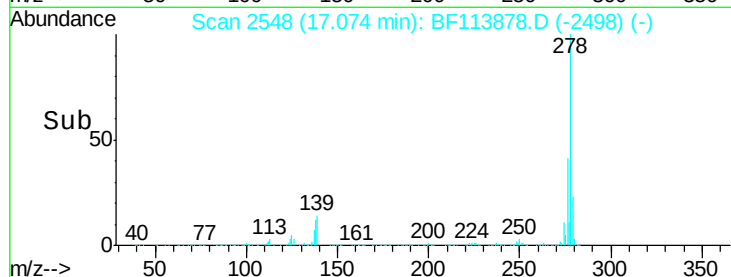
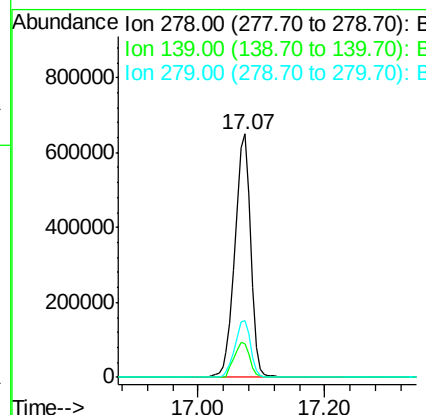
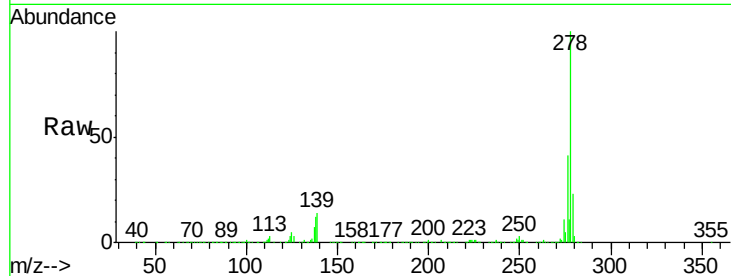
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion: 278 Resp: 1108055  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 13.9  | 11.6  | 17.4  |
| 279 | 23.5  | 19.0  | 28.6  |

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#92  
Benzo(g,h,i)perylene  
Concen: 53.310 ng  
RT: 17.50 min Scan# 2621  
Delta R.T. -0.01 min  
Lab File: BF113878.D  
Acq: 22 Apr 2019 14:07

Tgt Ion: 276 Resp: 1125860  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.8  | 19.0  | 28.4  |
| 138 | 19.5  | 16.6  | 25.0  |

