

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\  
 Data File : BF111412.D  
 Acq On : 14 Dec 2018 12:01  
 Operator : JU/SJ  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

Sohil  
 12/17/2018 2:36:13 PM

Quant Time: Dec 14 13:21:07 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 14 11:42:38 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 232715   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.08  | 136  | 1152758  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.83  | 164  | 548572   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 962058   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.96 | 240  | 651052   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.39 | 264  | 530328   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 1547030 | 112.42 | ng | 0.00 |
| 7) Phenol-d6             | 6.45  | 99  | 2152000 | 115.98 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 2288376 | 111.89 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 544010  | 112.50 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.16  | 172 | 3664206 | 107.24 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.90 | 244 | 2918831 | 98.67  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.51 | 88  | 377453  | 54.910 | ng | 96     |
| 3) Pyridine                    | 3.24 | 79  | 1031102 | 61.060 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.19 | 42  | 473441  | 60.100 | ng | 92     |
| 6) Aniline                     | 6.46 | 93  | 1336689 | 59.549 | ng | # 28   |
| 8) 2-Chlorophenol              | 6.59 | 128 | 928767  | 54.908 | ng | 99     |
| 9) Benzaldehyde                | 6.34 | 77  | 554169  | 47.991 | ng | 98     |
| 10) Phenol                     | 6.46 | 94  | 1216898 | 57.897 | ng | # 75   |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 902167  | 54.560 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.74 | 146 | 1072279 | 58.558 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 1083421 | 58.447 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 1034882 | 60.347 | ng | 99     |
| 15) Benzyl Alcohol             | 6.95 | 79  | 856690  | 60.297 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 1927667 | 60.175 | ng | 92     |
| 17) 2-Methylphenol             | 7.06 | 107 | 841285  | 61.552 | ng | # 93   |
| 18) Hexachloroethane           | 7.31 | 117 | 440513  | 64.010 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 764987  | 62.045 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 998783  | 61.276 | ng | # 88   |
| 22) Acetophenone               | 7.21 | 105 | 1428466 | 53.347 | ng | 92     |
| 24) Nitrobenzene               | 7.39 | 77  | 1181595 | 56.088 | ng | 93     |
| 25) Isophorone                 | 7.63 | 82  | 2056168 | 59.186 | ng | 100    |
| 26) 2-Nitrophenol              | 7.70 | 139 | 650713  | 62.841 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.74 | 122 | 933593  | 59.393 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 1371142 | 57.501 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 951683  | 58.040 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 960954  | 57.036 | ng | 99     |
| 31) Naphthalene                | 8.10 | 128 | 3005347 | 55.957 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 814041m | 62.298 | ng |        |
| 33) 4-Chloroaniline            | 8.15 | 127 | 1393833 | 60.767 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 522373  | 55.889 | ng | 98     |
| 35) Caprolactam                | 8.55 | 113 | 365270m | 63.574 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 1018898 | 58.312 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 1988356 | 57.271 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.89 | 142 | 1888775 | 56.367 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 830104  | 53.834 | ng | 99     |

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 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
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 SSTDICC060

Manual Integrations  
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 QLast Update : Fri Dec 14 11:42:38 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.95  | 237  | 483327   | 60.027 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.07  | 196  | 626769   | 56.789 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.12  | 196  | 669798   | 57.424 | nq    | 95       |
| 46) 1,1'-Biphenyl              | 9.26  | 154  | 2542370  | 54.318 | nq    | 96       |
| 47) 2-Chloronaphthalene        | 9.29  | 162  | 1977253  | 55.161 | nq    | 97       |
| 48) 2-Nitroaniline             | 9.38  | 65   | 688973   | 59.149 | nq    | 90       |
| 49) Acenaphthylene             | 9.70  | 152  | 2925313  | 55.859 | nq    | 97       |
| 50) Dimethylphthalate          | 9.57  | 163  | 2272075  | 57.596 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.62  | 165  | 531208   | 60.749 | nq    | 93       |
| 52) Acenaphthene               | 9.87  | 154  | 1868517  | 56.568 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.79  | 138  | 650925   | 61.932 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 9.89  | 184  | 223028   | 65.011 | nq    | 93       |
| 55) Dibenzofuran               | 10.05 | 168  | 2627589  | 55.103 | nq    | 96       |
| 56) 4-Nitrophenol              | 9.96  | 139  | 476043   | 62.894 | nq    | 93       |
| 57) 2,4-Dinitrotoluene         | 10.03 | 165  | 688386   | 61.425 | nq    | 95       |
| 58) Fluorene                   | 10.39 | 166  | 1845147  | 54.091 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 511590   | 56.776 | nq    | 99       |
| 60) Diethylphthalate           | 10.26 | 149  | 2194202  | 55.250 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 918390   | 54.308 | nq    | 98       |
| 62) 4-Nitroaniline             | 10.41 | 138  | 647329   | 64.076 | nq    | 96       |
| 63) Azobenzene                 | 10.54 | 77   | 2234271  | 55.797 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 339066   | 61.389 | nq    | # 78     |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 1848790  | 54.023 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.86 | 248  | 592037   | 55.278 | nq    | 96       |
| 68) Hexachlorobenzene          | 10.93 | 284  | 607849   | 55.117 | nq    | 93       |
| 69) Atrazine                   | 11.03 | 200  | 509219   | 51.447 | nq    | 98       |
| 70) Pentachlorophenol          | 11.13 | 266  | 412211   | 56.168 | nq    | 97       |
| 71) Phenanthrene               | 11.35 | 178  | 2654124  | 53.374 | nq    | 97       |
| 72) Anthracene                 | 11.40 | 178  | 2710978  | 53.541 | nq    | 97       |
| 73) Carbazole                  | 11.55 | 167  | 2734054  | 52.222 | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.88 | 149  | 2840695  | 47.654 | nq    | 98       |
| 75) Fluoranthene               | 12.53 | 202  | 2370201  | 48.825 | nq    | 99       |
| 78) Pyrene                     | 12.76 | 202  | 2399891  | 47.763 | nq    | 98       |
| 80) Butylbenzylphthalate       | 13.37 | 149  | 1332946  | 55.252 | nq    | 98       |
| 81) Benzo(a)anthracene         | 13.94 | 228  | 1975751  | 54.238 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.91 | 252  | 807335   | 58.602 | nq    | 99       |
| 83) Chrysene                   | 13.99 | 228  | 2134065  | 57.421 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 1611640  | 54.645 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 2807348  | 57.971 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.82 | 276  | 1599973  | 55.043 | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 14.98 | 252  | 1911291  | 63.379 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.01 | 252  | 1642028  | 54.550 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.34 | 252  | 1642054  | 58.481 | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 16.83 | 278  | 1331333  | 56.990 | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 17.24 | 276  | 1355287  | 58.027 | nq    | 95       |

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

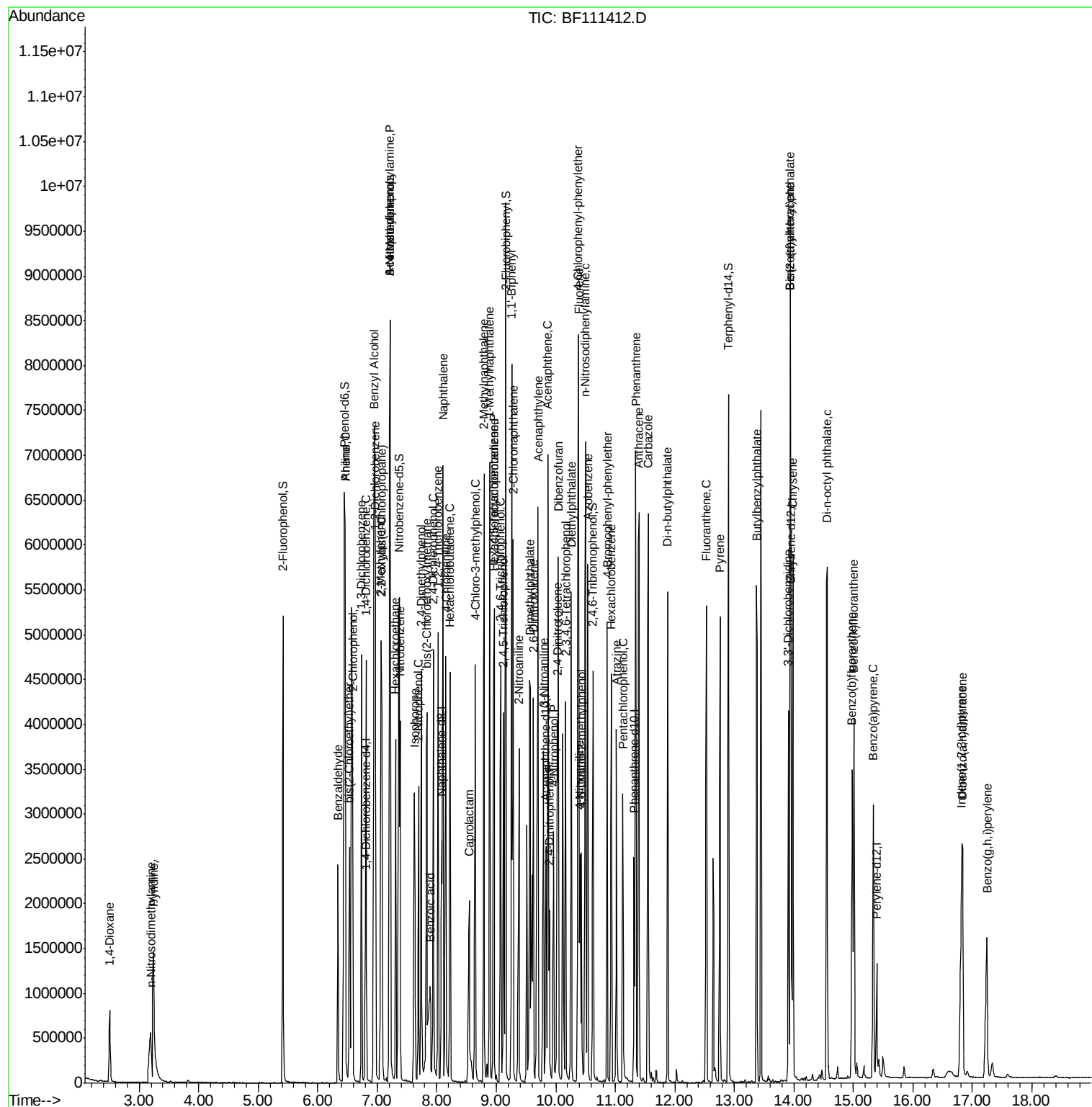
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\  
 Data File : BF111412.D  
 Acq On : 14 Dec 2018 12:01  
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 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

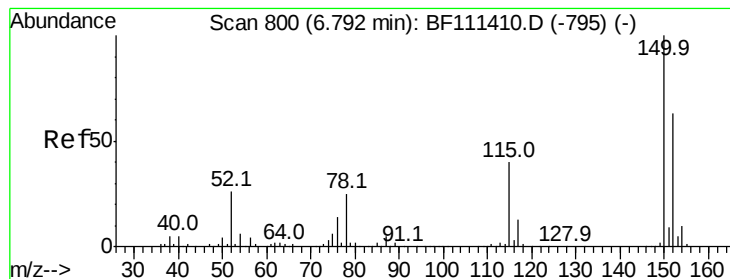
Instrument :  
 BNA\_F  
 ClientSampleId :  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

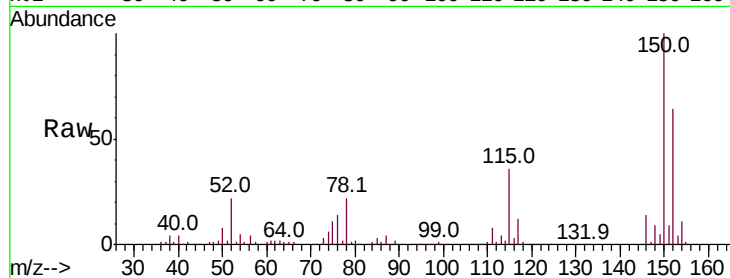
ClientSampleId :

SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.5 | 126.6 | 189.8 |
| 115     | 56.5  | 50.7  | 76.1  |

Manual Integrations  
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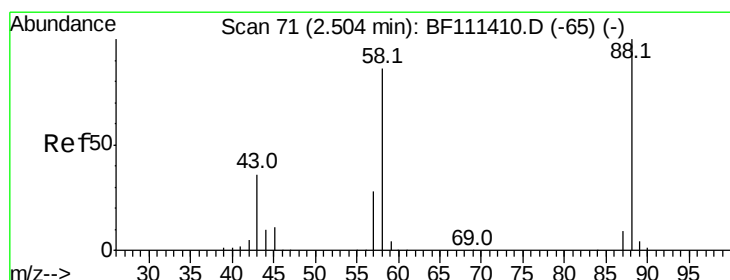
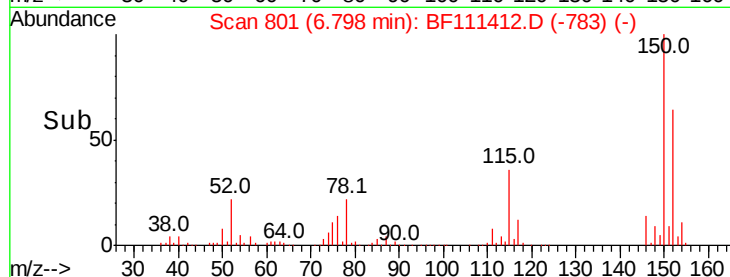
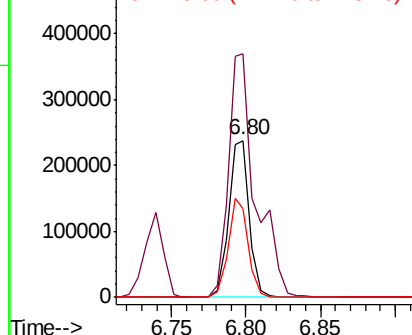


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 54.910 ng

RT: 2.51 min Scan# 72

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

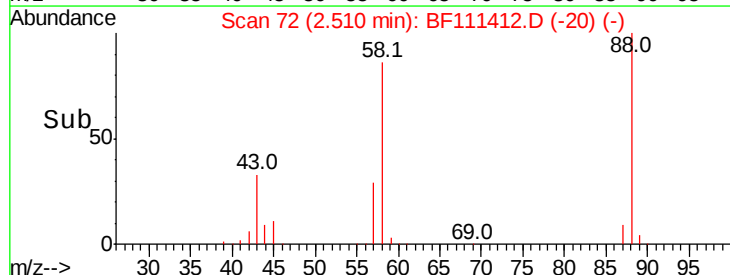
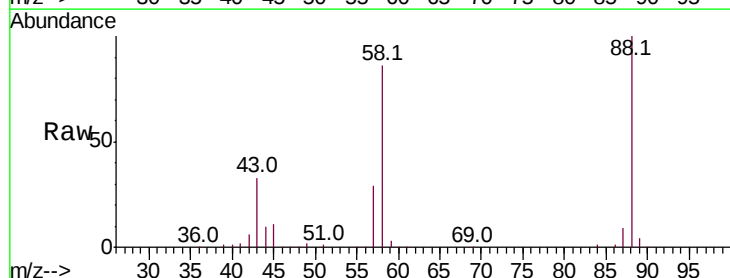
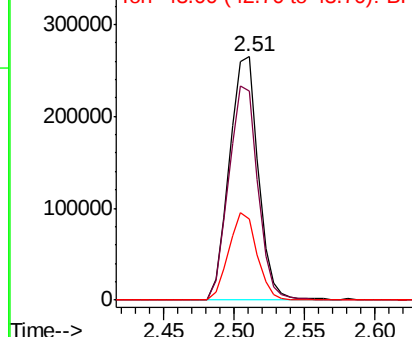
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 88.9  | 68.9  | 103.3 |
| 43      | 35.7  | 25.8  | 38.6  |

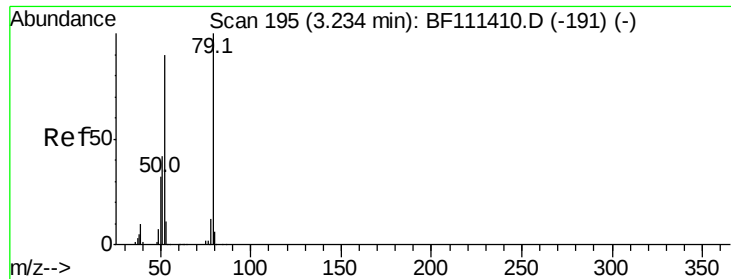
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 61.060 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1031102

Ion Ratio Lower Upper

79 100

52 90.3 68.3 102.5

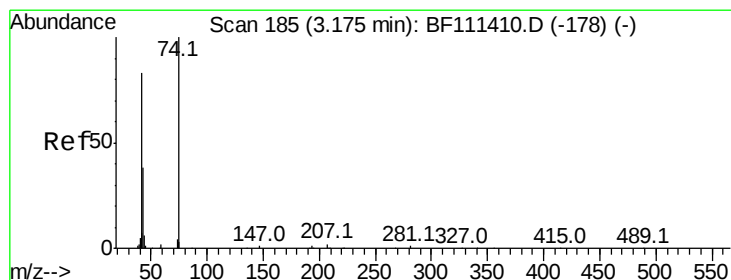
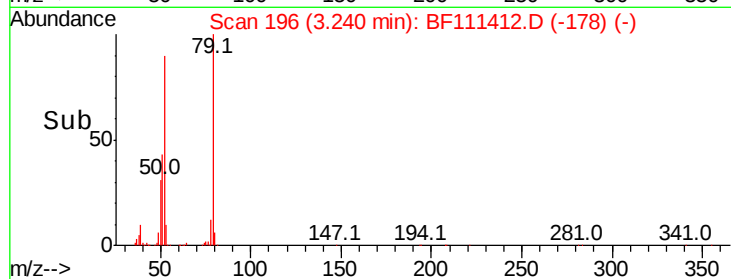
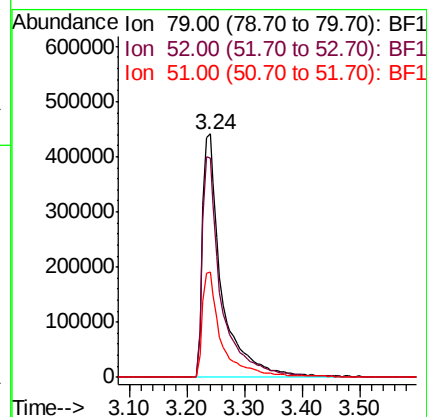
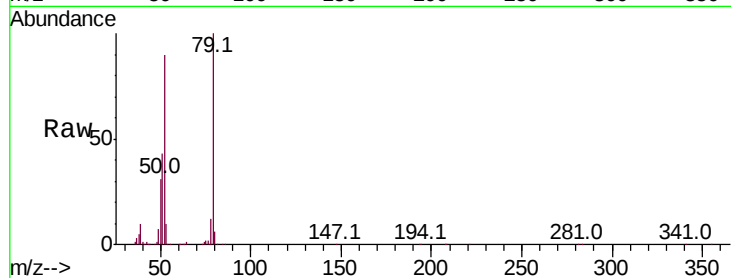
51 43.4 32.6 49.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 60.100 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.02 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

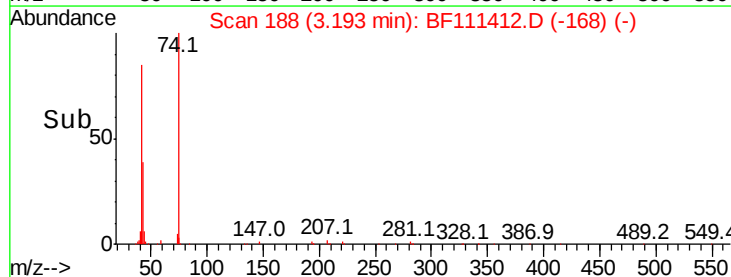
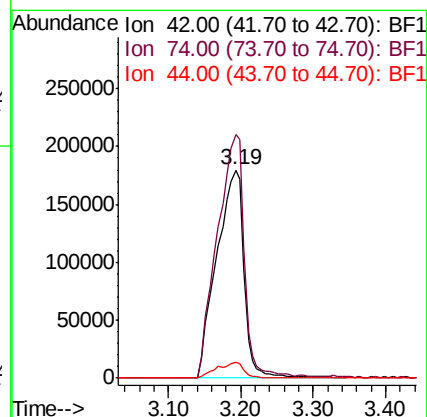
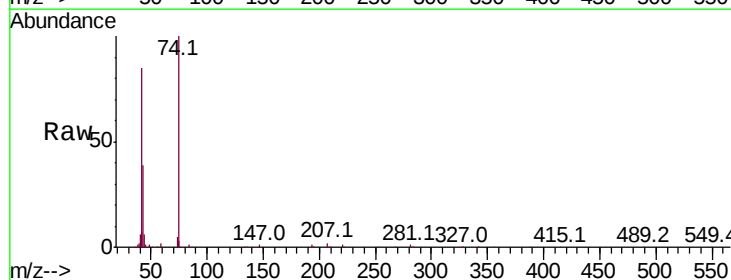
Tgt Ion: 42 Resp: 473441

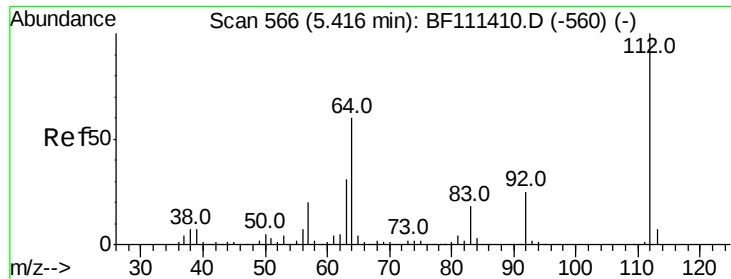
Ion Ratio Lower Upper

42 100

74 117.1 101.5 152.3

44 7.3 6.0 9.0





#5

2-Fluorophenol

Concen: 112.415 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:112 Resp: 1547030

Ion Ratio Lower Upper

112 100

64 63.3 51.8 77.6

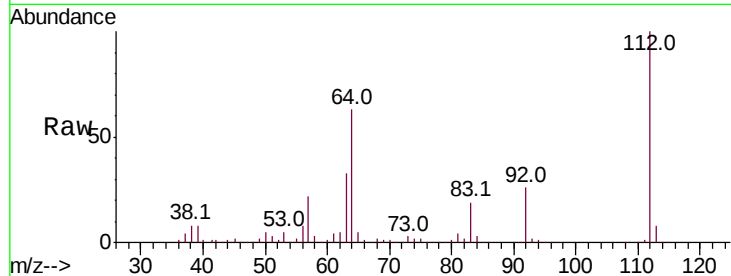
63 33.1 26.8 40.2

Manual Integrations

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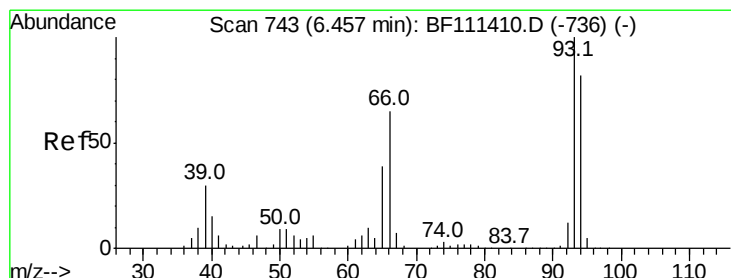
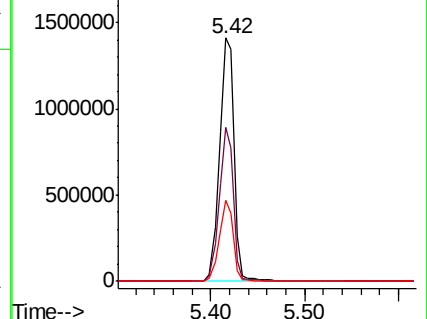
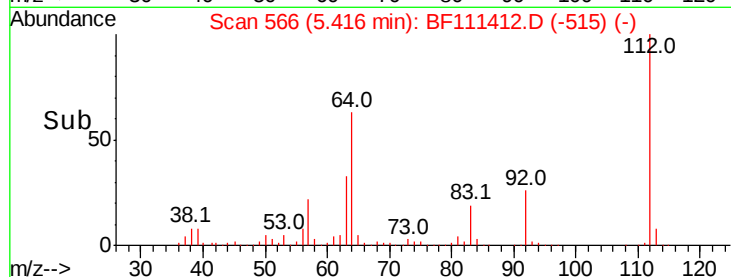
12/17/2018 2:36:13 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 59.549 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

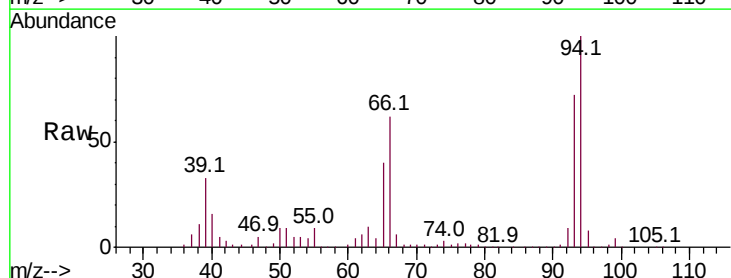
Tgt Ion: 93 Resp: 1336689

Ion Ratio Lower Upper

93 100

66 86.0 33.2 49.8#

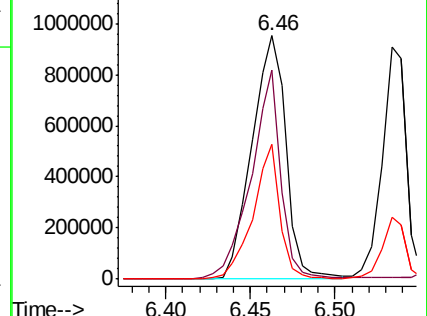
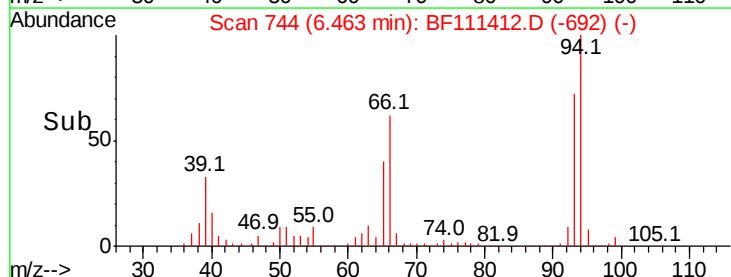
65 55.4 17.0 25.4#

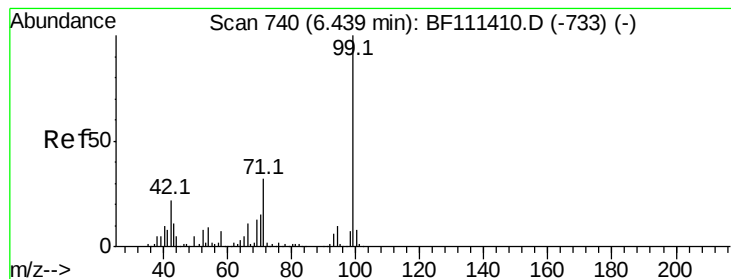


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.983 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 2152000

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

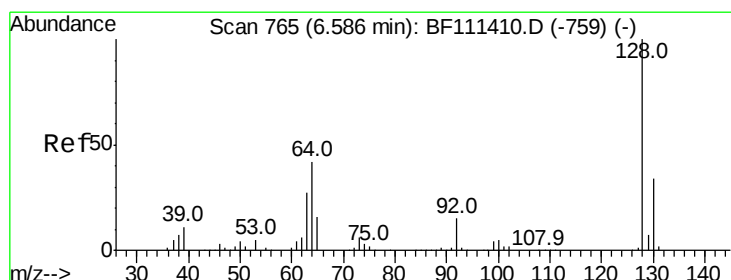
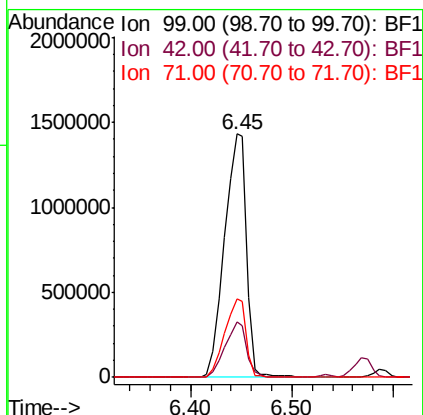
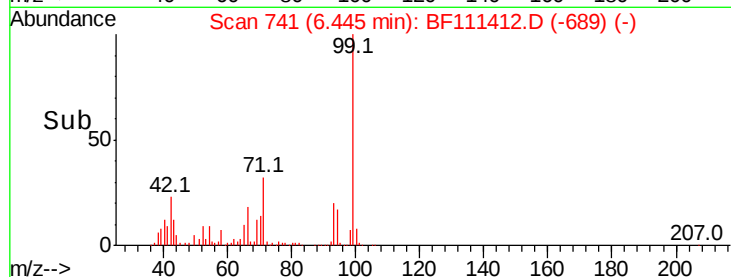
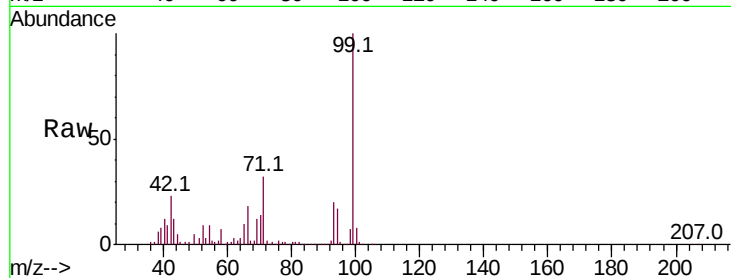
71 32.5 26.1 39.1

Manual Integrations

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#8

2-Chlorophenol

Concen: 54.908 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

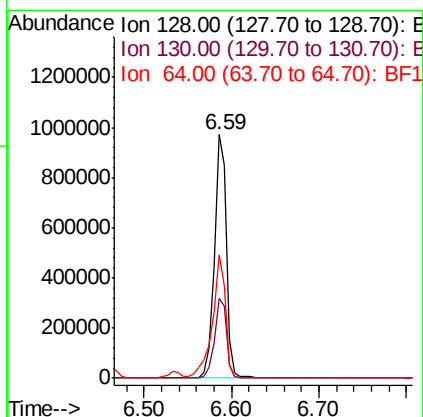
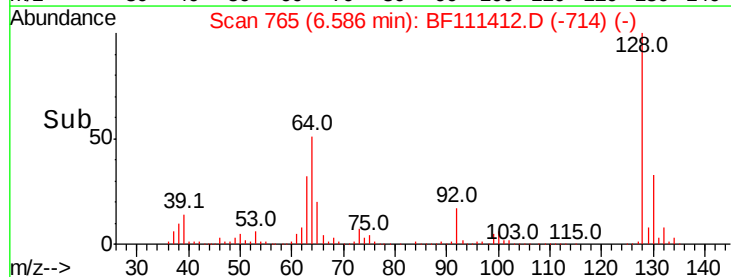
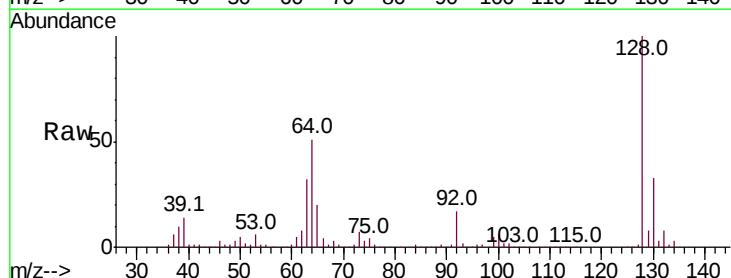
Tgt Ion: 128 Resp: 928767

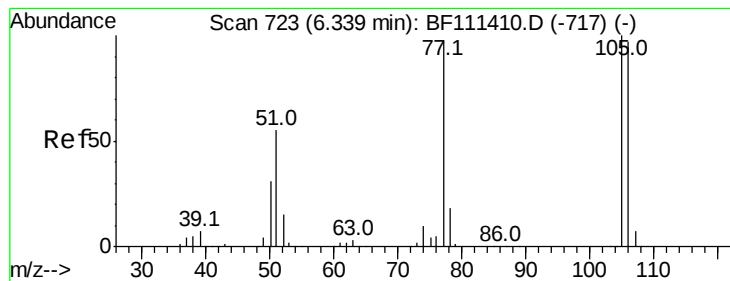
Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

64 50.5 30.0 70.0





#9

Benzaldehyde

Concen: 47.991 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

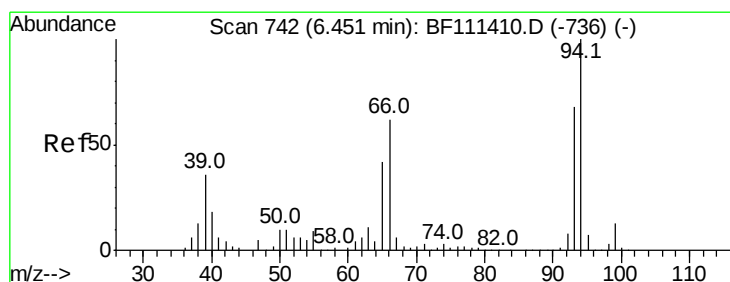
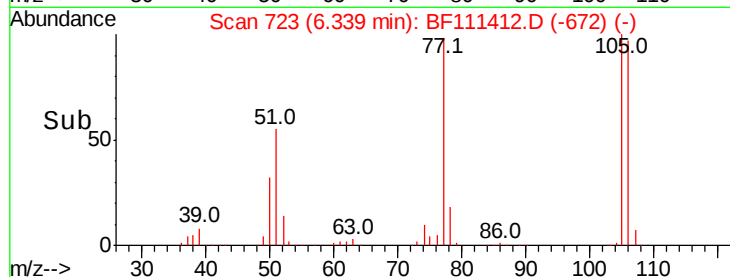
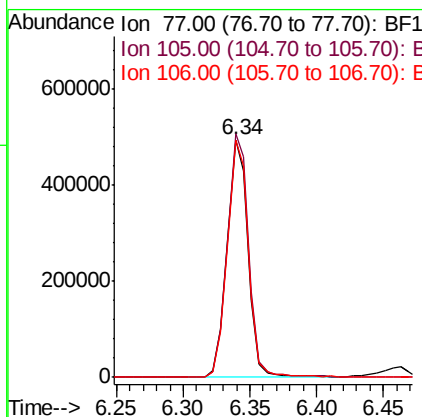
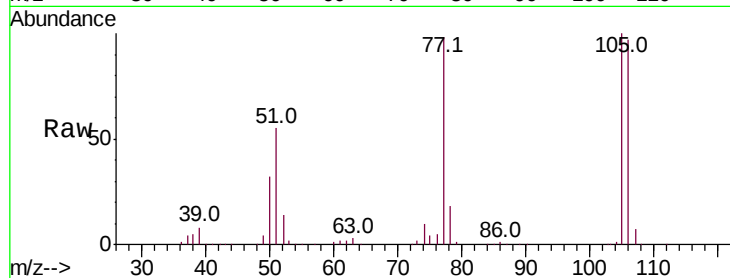
ClientSampled :

SSTDIC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 554169 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 102.5 | 81.4  | 121.4  |
| 106      | 99.8  | 77.9  | 117.9  |

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#10

Phenol

Concen: 57.897 ng

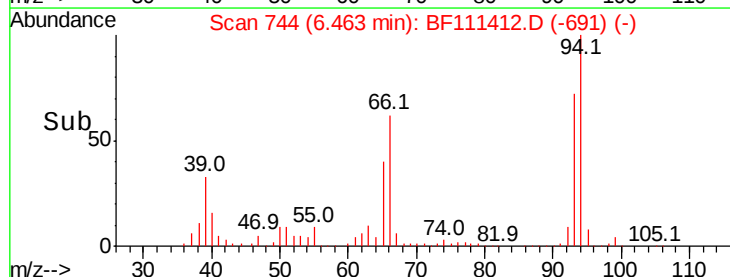
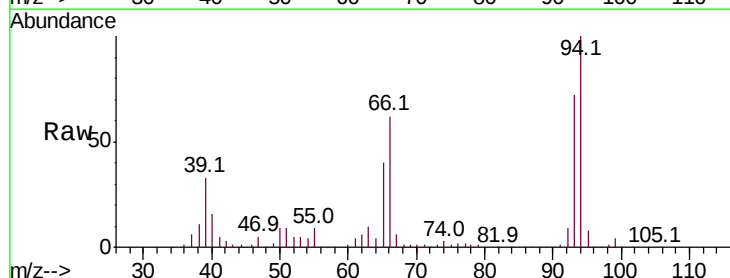
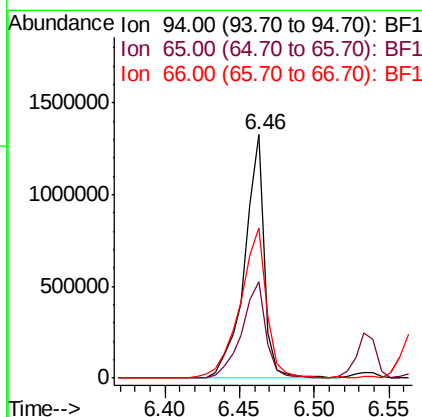
RT: 6.46 min Scan# 744

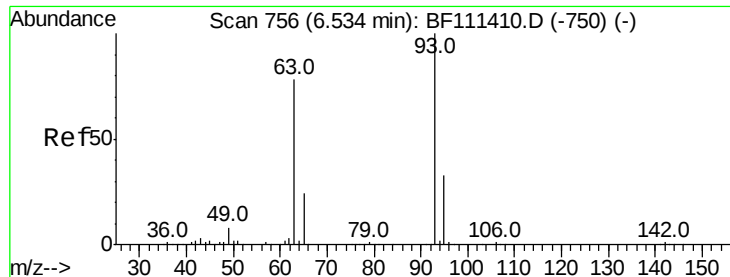
Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 94    | Resp: | 1216898 |
| Ion      | Ratio | Lower | Upper   |
| 94       | 100   |       |         |
| 65       | 39.8  | 11.7  | 51.7    |
| 66       | 61.7  | 21.0  | 61.0#   |





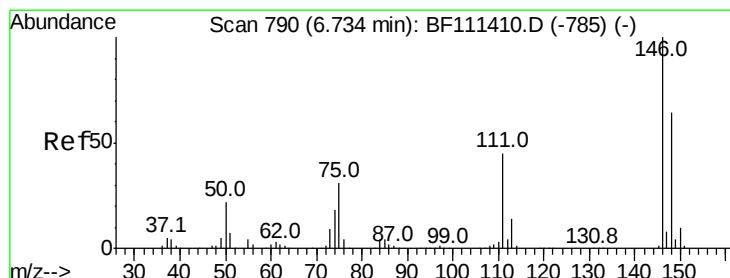
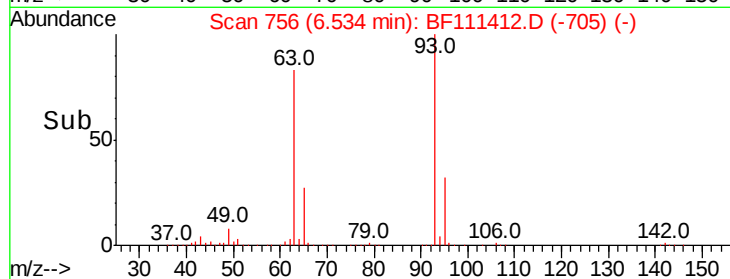
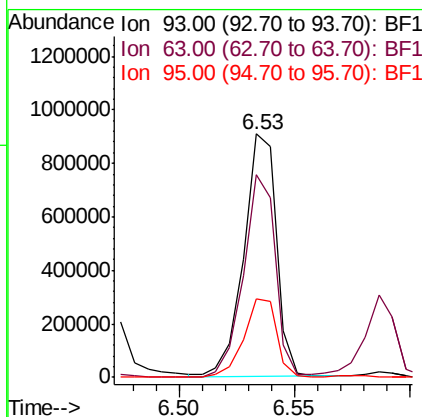
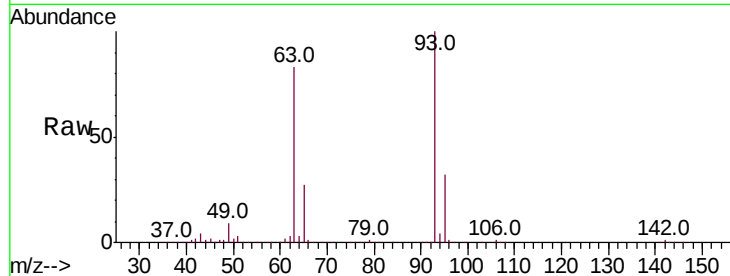
#11  
bis(2-Chloroethyl)ether  
Concen: 54.560 ng  
RT: 6.53 min Scan# 756  
Delta R.T. 0.00 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 83.0  | 60.0  | 100.0 |
| 95      | 32.4  | 13.4  | 53.4  |

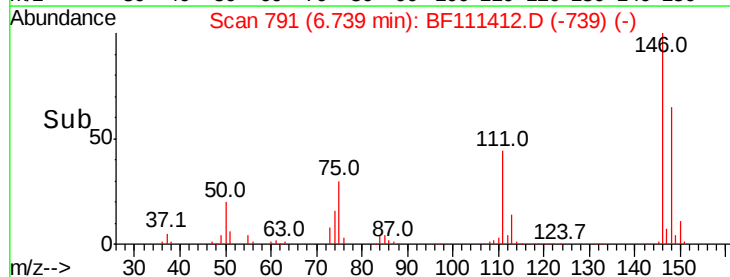
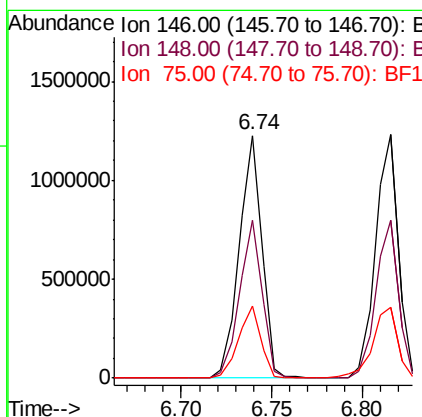
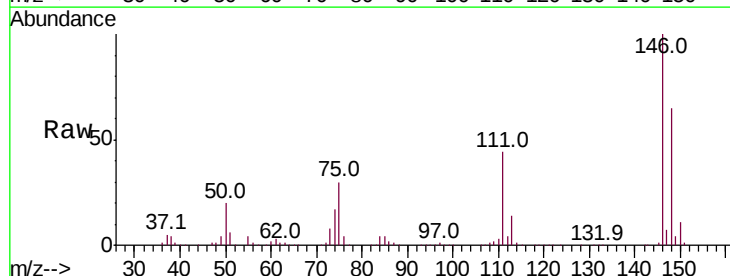
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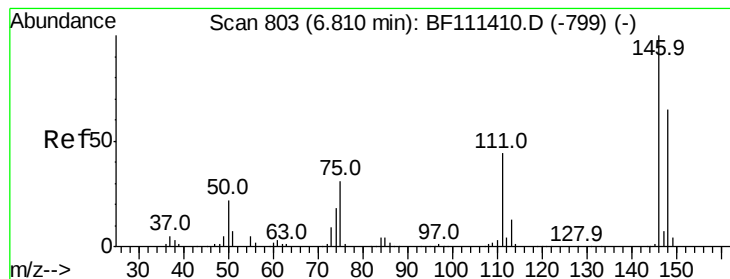
Sohil  
12/17/2018 2:36:13 PM



#12  
1,3-Dichlorobenzene  
Concen: 58.558 ng  
RT: 6.74 min Scan# 791  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 52.1  | 78.1  |
| 75      | 29.7  | 23.9  | 35.9  |





#13

1,4-Dichlorobenzene

Concen: 58.447 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:146 Resp: 1083421

Ion Ratio Lower Upper

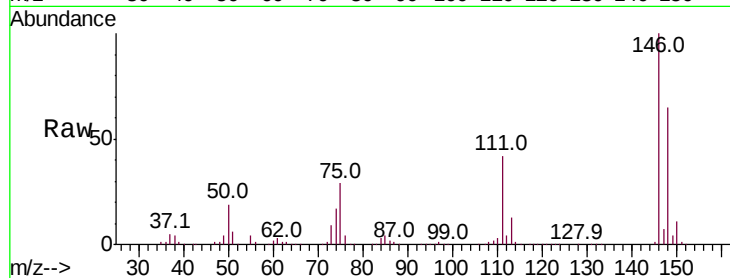
146 100

148 64.7 52.8 79.2

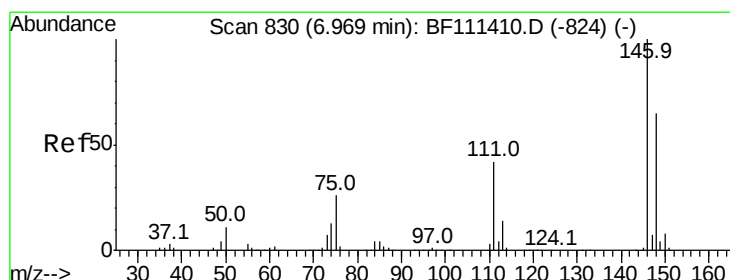
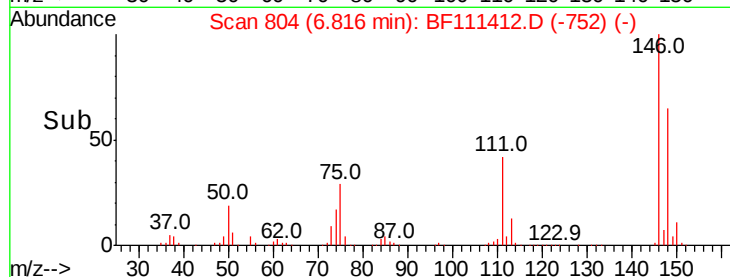
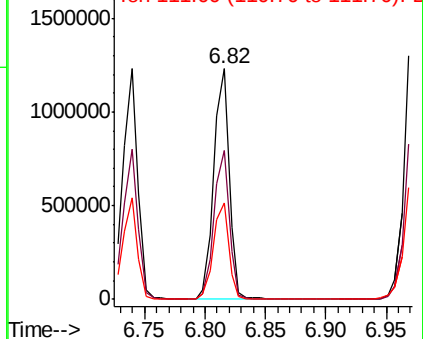
111 41.7 33.4 50.0

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Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 60.347 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

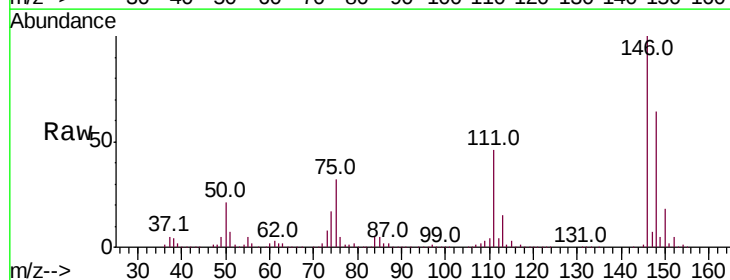
Tgt Ion:146 Resp: 1034882

Ion Ratio Lower Upper

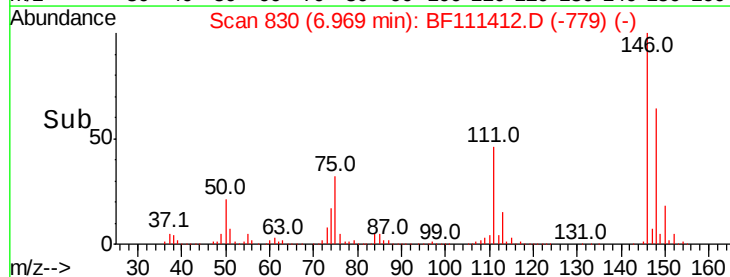
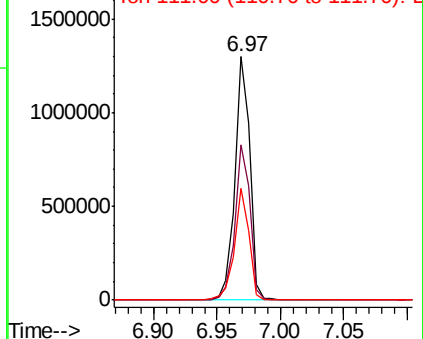
146 100

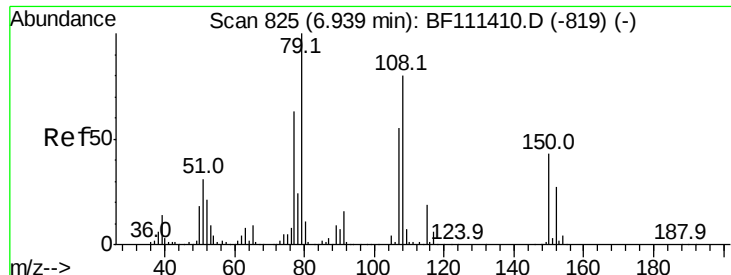
148 63.9 51.9 77.9

111 45.9 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 60.297 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion: 79 Resp: 856690

Ion Ratio Lower Upper

79 100

108 81.1 69.4 104.2

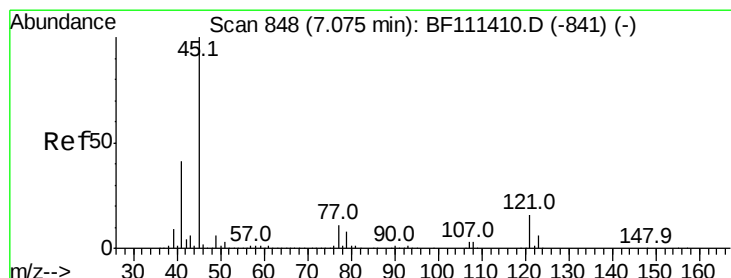
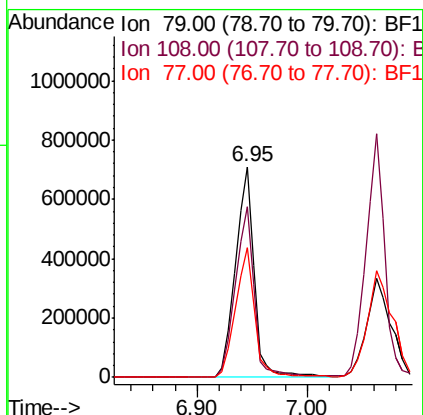
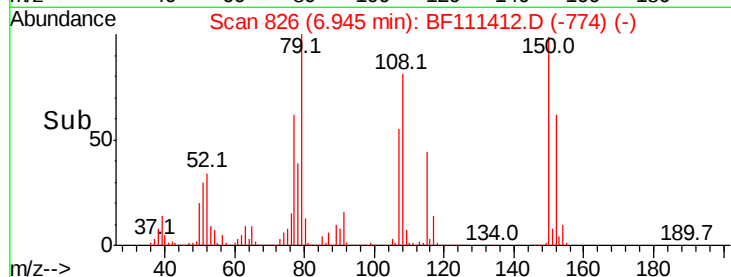
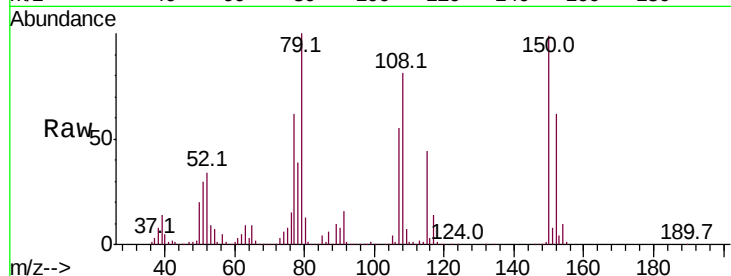
77 61.9 49.7 74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 60.175 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

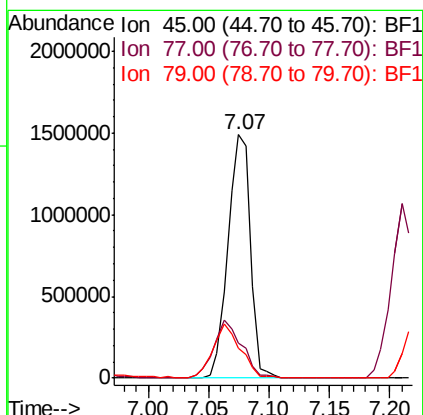
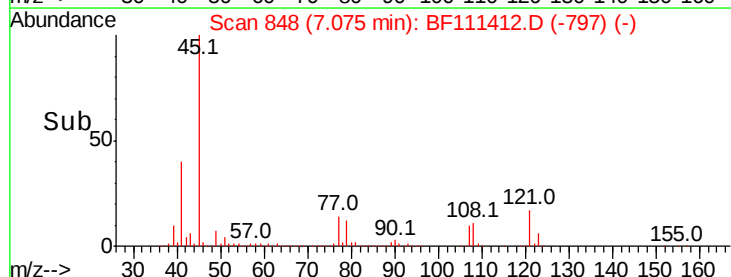
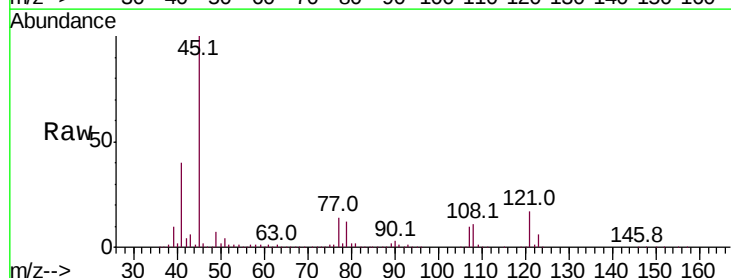
Tgt Ion: 45 Resp: 1927667

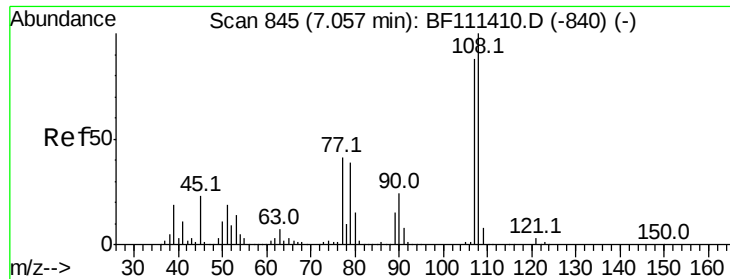
Ion Ratio Lower Upper

45 100

77 14.5 0.0 31.5

79 12.2 0.0 28.9





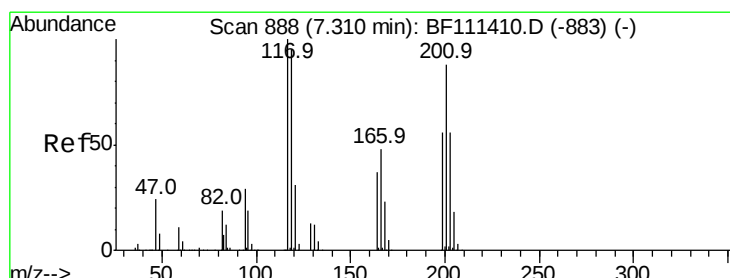
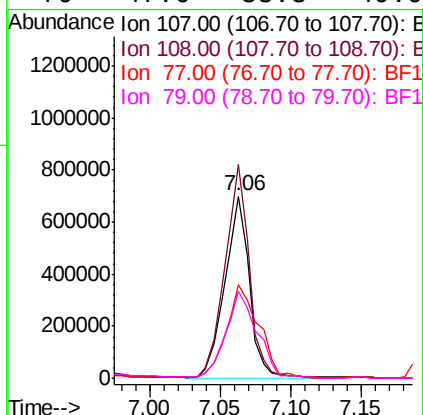
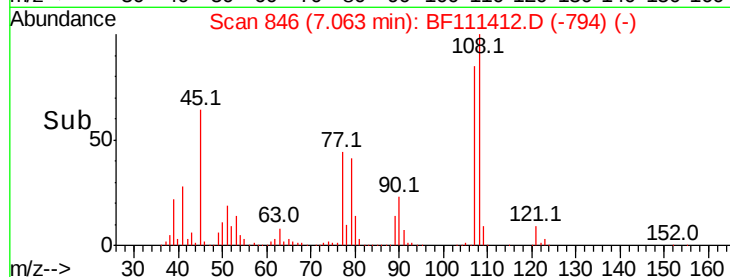
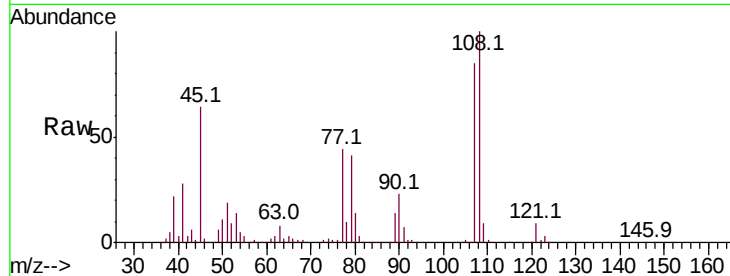
#17  
2-Methylphenol  
Concen: 61.552 ng  
RT: 7.06 min Scan# 846  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 117.4 | 91.0 | 136.4 |       |
| 77      | 51.3  | 33.5 | 50.3  |       |
| 79      | 47.6  | 33.3 | 49.9  |       |

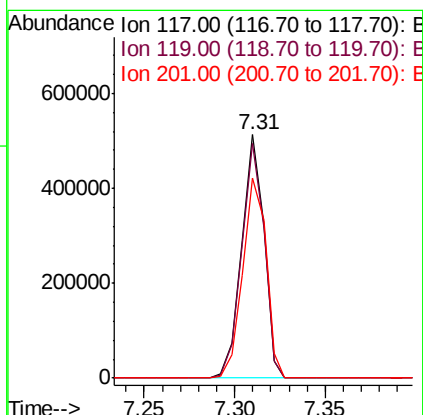
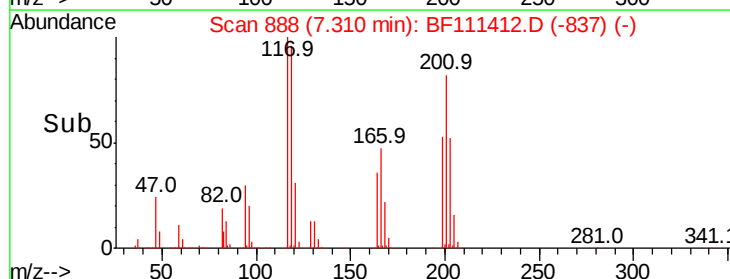
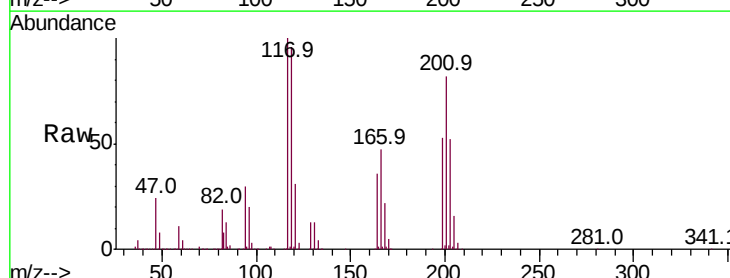
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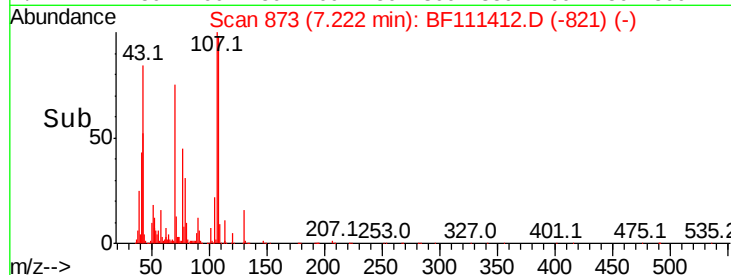
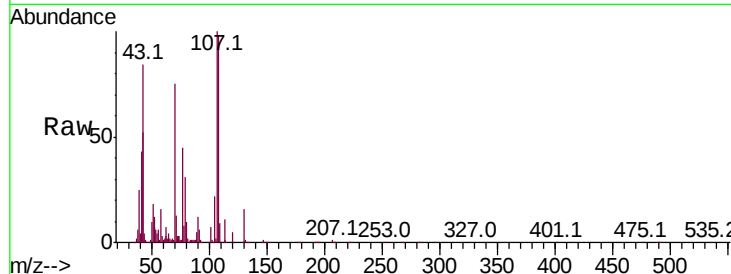
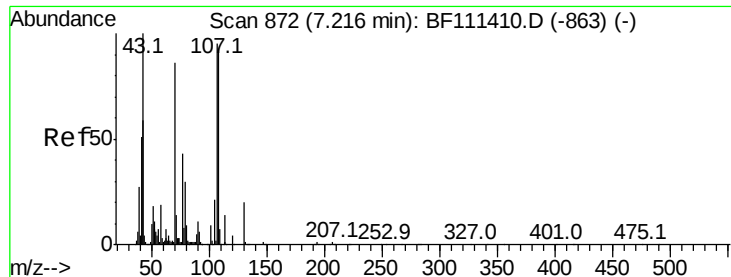
Sohil  
12/17/2018 2:36:13 PM



#18  
Hexachloroethane  
Concen: 64.010 ng  
RT: 7.31 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.5  | 75.4 | 113.0 |       |
| 201     | 82.3  | 62.4 | 93.6  |       |





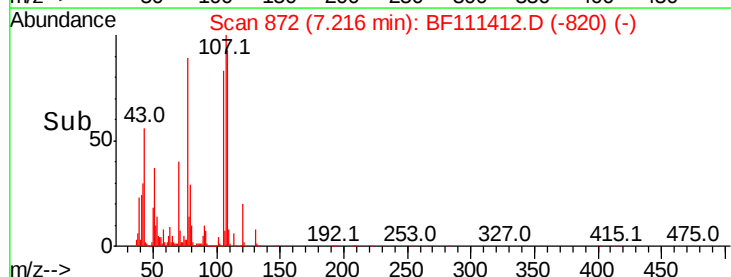
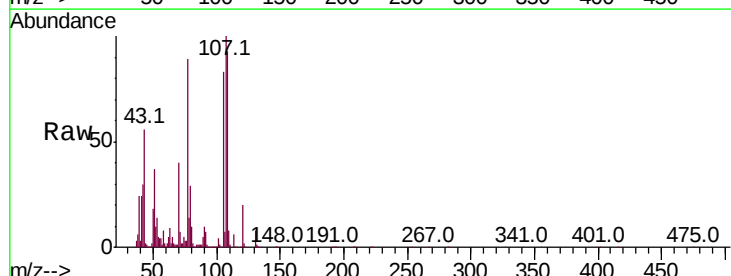
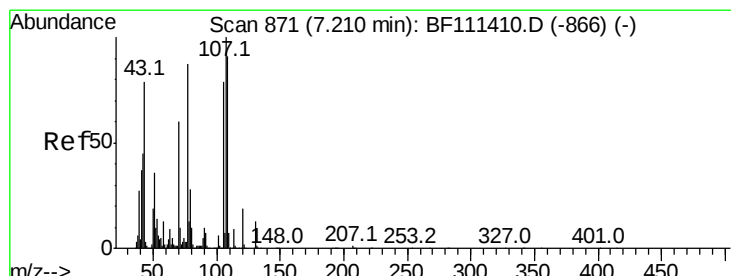
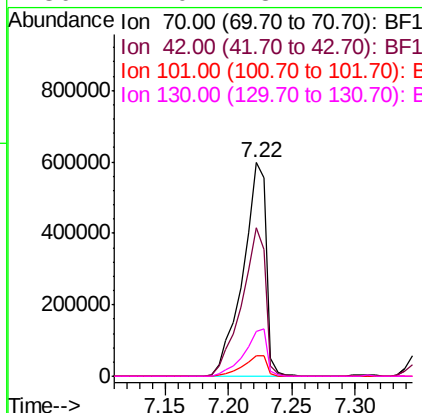
#19  
n-Nitroso-di-n-propylamine  
Concen: 62.045 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

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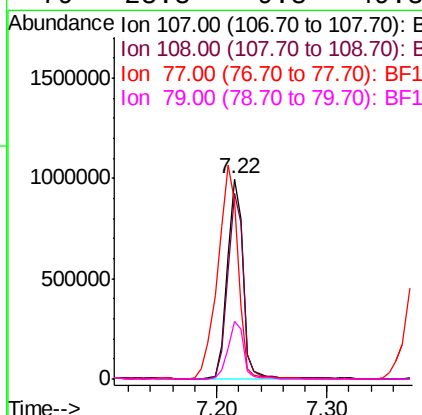
Sohil  
12/17/2018 2:36:13 PM

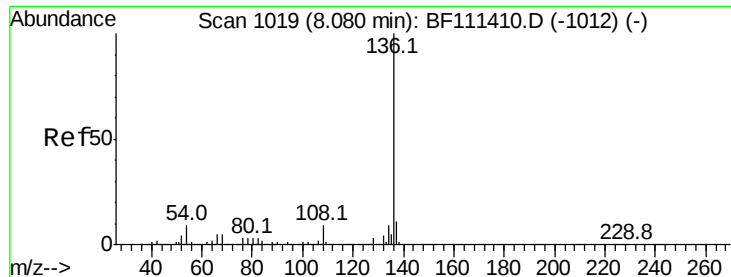
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 69.3  | 53.2  | 79.8  |
| 101     | 9.6   | 8.2   | 12.4  |
| 130     | 21.0  | 18.1  | 27.1  |



#20  
3+4-Methylphenols  
Concen: 61.276 ng  
RT: 7.22 min Scan# 872  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 92.9  | 72.1  | 112.1  |
| 77      | 88.7  | 94.1  | 134.1# |
| 79      | 28.8  | 9.8   | 49.8   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:136 Resp: 1152758

Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.1 7.7 11.5

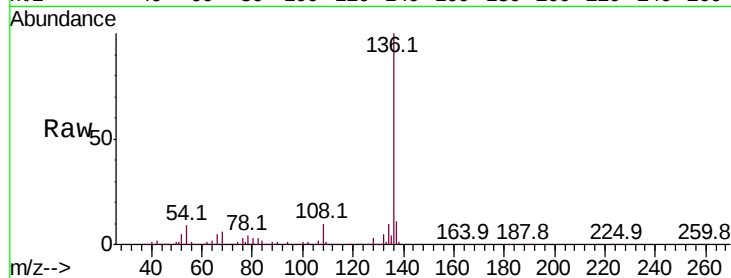
68 5.9 4.9 7.3

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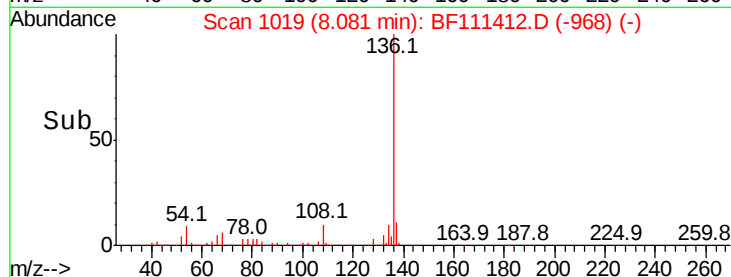


Abundance Ion 136.00 (135.70 to 136.70): E

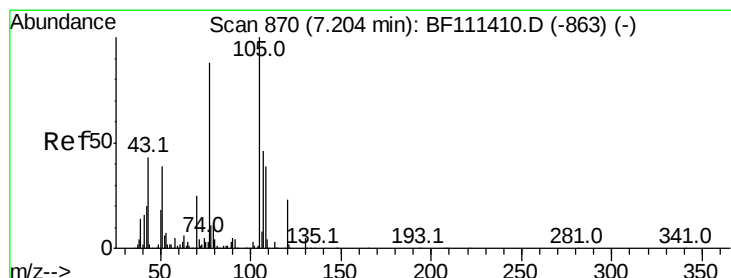
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.00 8.05 8.10 8.15



#22

Acetophenone

Concen: 53.347 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Tgt Ion:105 Resp: 1428466

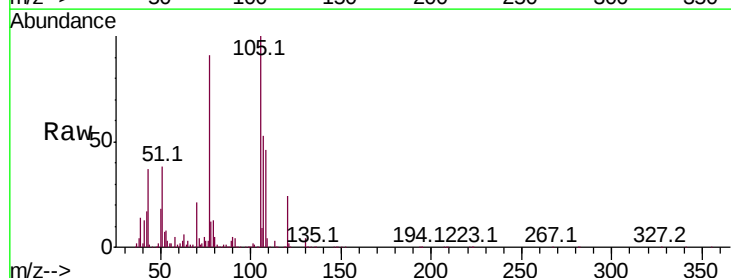
Ion Ratio Lower Upper

105 100

71 3.5 3.1 4.7

51 38.2 36.6 54.8

120 23.5 18.2 27.4

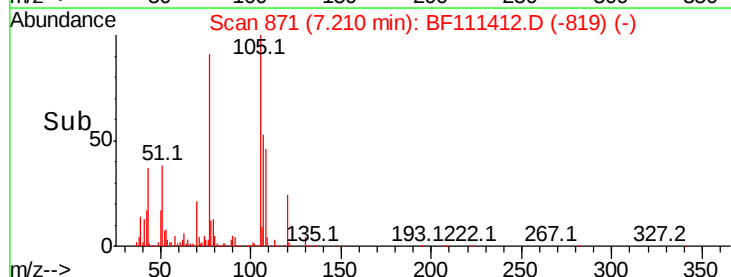


Abundance Ion 105.00 (104.70 to 105.70): E

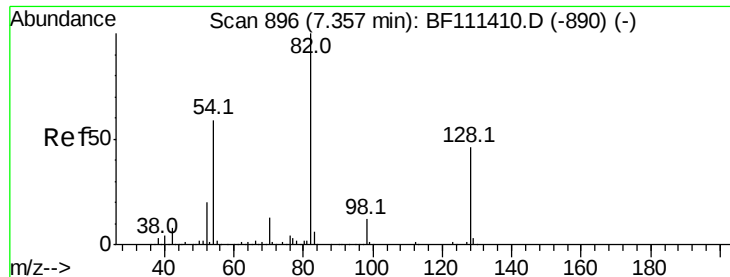
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time--> 7.10 7.20 7.30



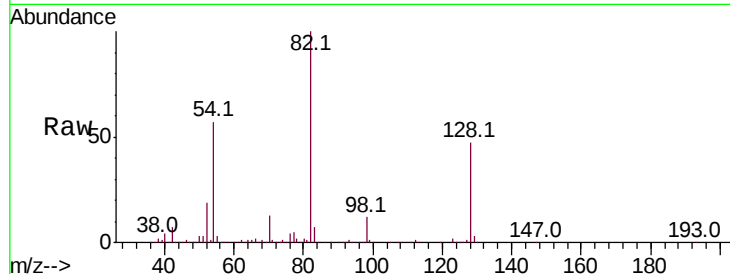
#23  
Nitrobenzene-d5  
Concen: 111.888 ng  
RT: 7.36 min Scan# 897  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC060

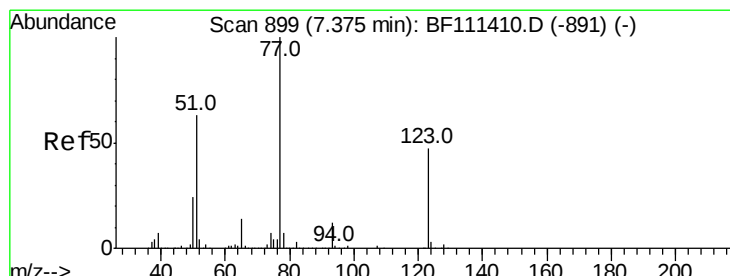
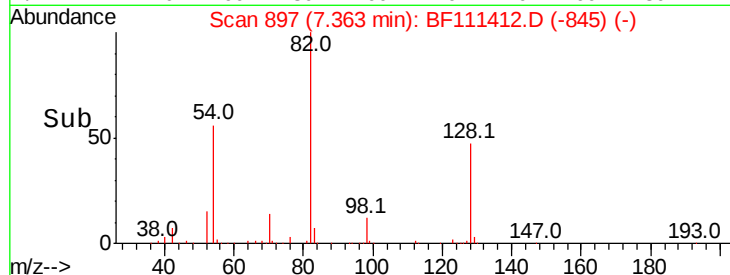
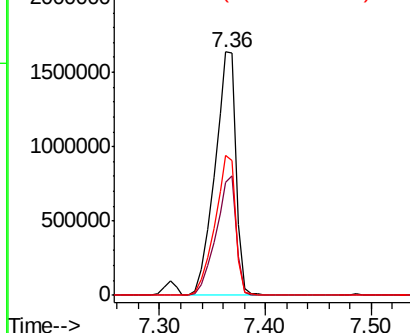
Tot Ion: 82 Resp: 2288376  
Ion Ratio Lower Upper  
82 100  
128 46.7 37.4 56.2  
54 57.4 47.6 71.4

Manual Integrations  
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12/17/2018 2:36:13 PM

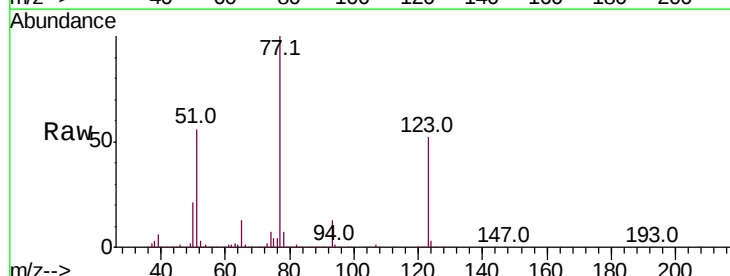


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

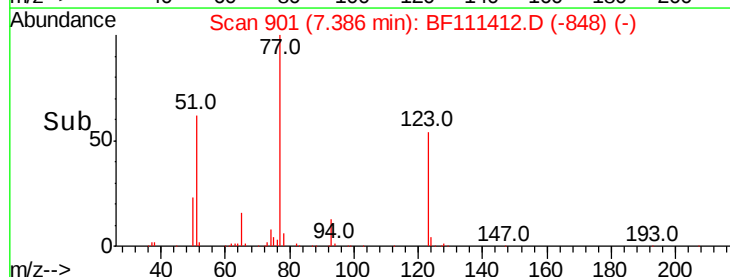
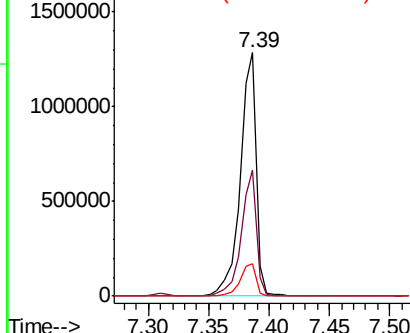


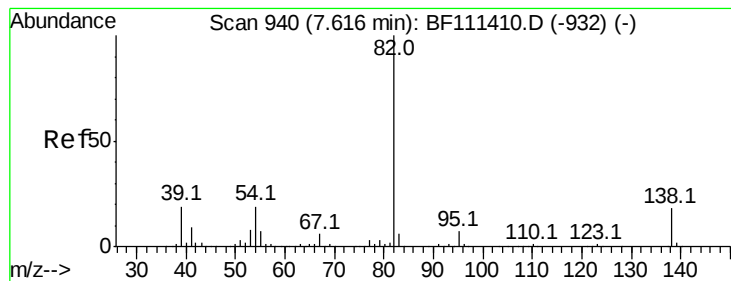
#24  
Nitrobenzene  
Concen: 56.088 ng  
RT: 7.39 min Scan# 901  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Tgt Ion: 77 Resp: 1181595  
Ion Ratio Lower Upper  
77 100  
123 51.9 37.2 55.8  
65 13.5 11.5 17.3



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: 59.186 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 2056168

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

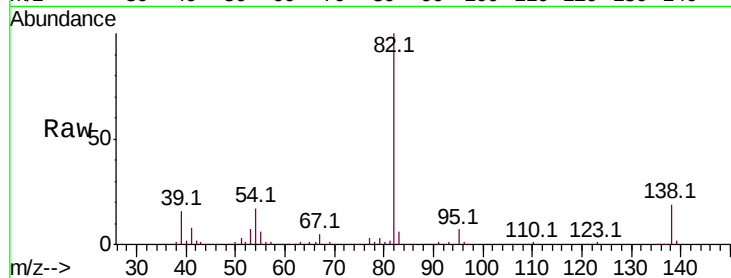
138 18.7 15.1 22.7

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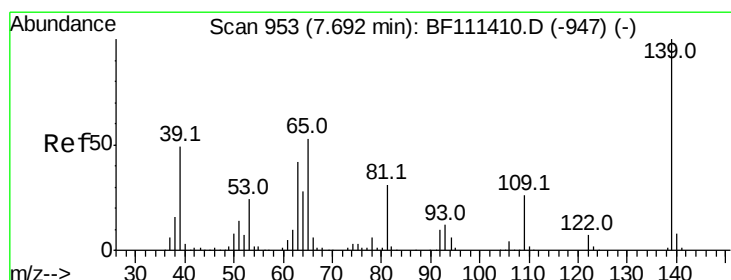
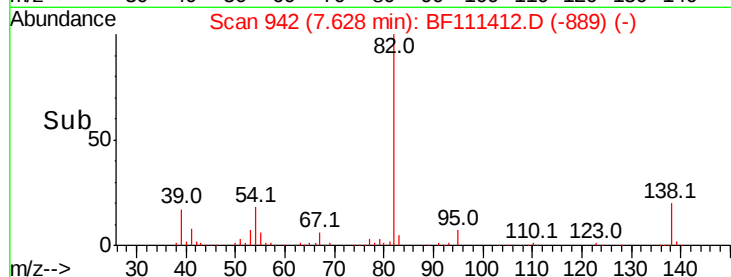
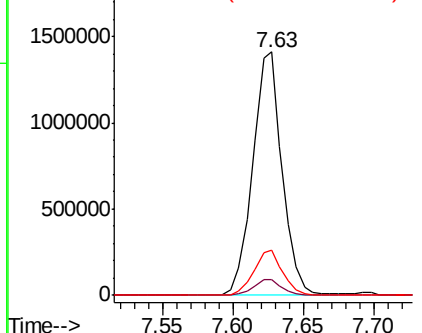
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 62.841 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

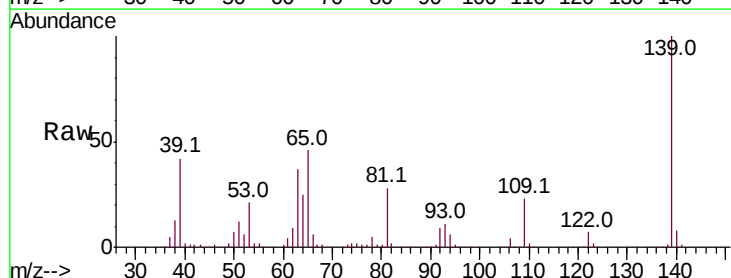
Tgt Ion: 139 Resp: 650713

Ion Ratio Lower Upper

139 100

109 23.5 20.2 30.4

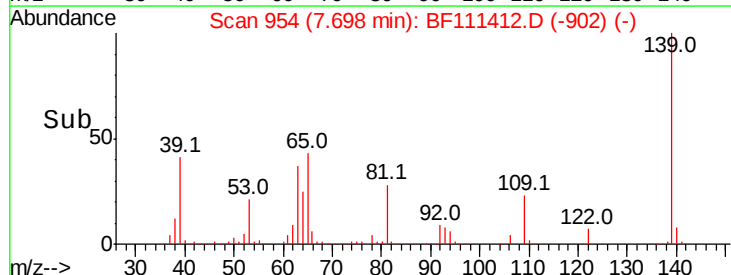
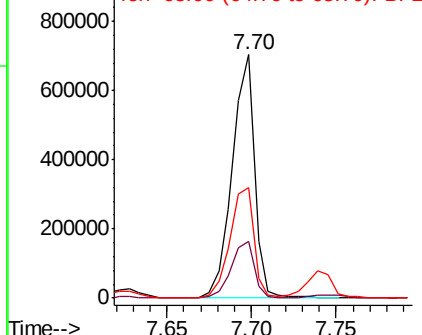
65 45.5 40.7 61.1

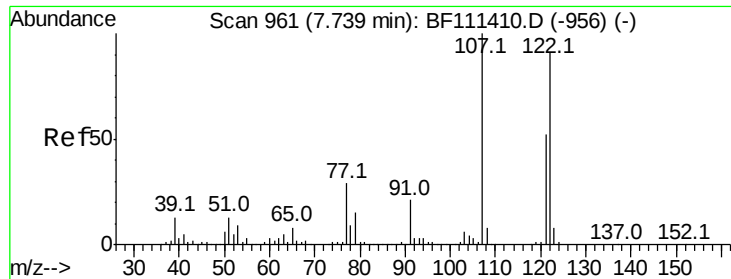


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





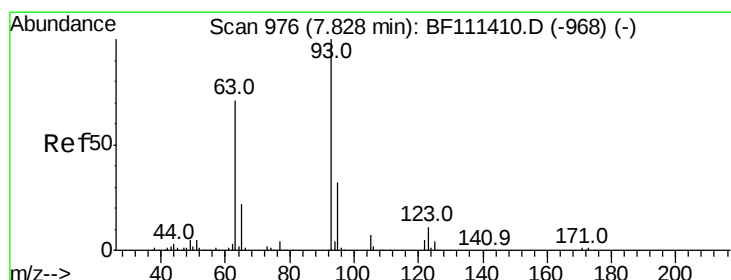
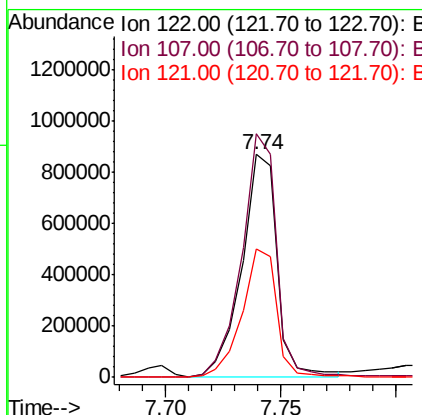
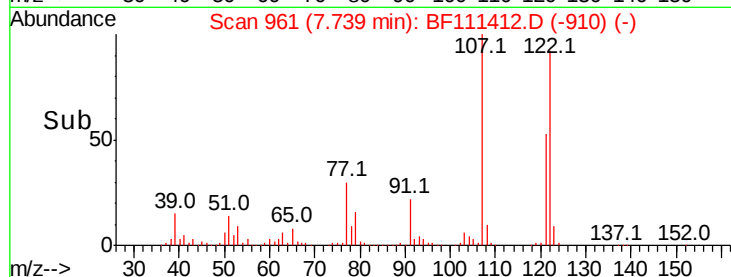
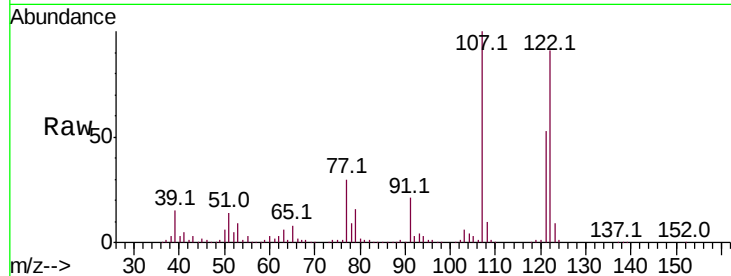
#27  
 2,4-Dimethylphenol  
 Concen: 59.393 ng  
 RT: 7.74 min Scan# 961  
 Delta R.T. 0.00 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 933593 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 109.4 | 85.5  | 128.3  |
| 121       | 57.5  | 46.6  | 70.0   |

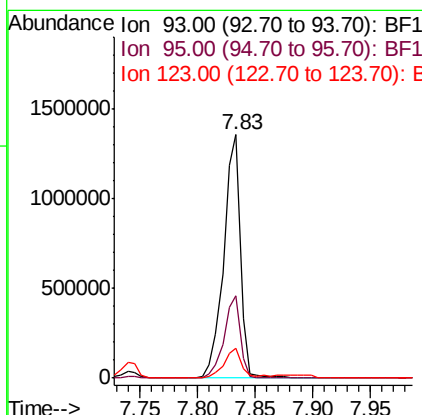
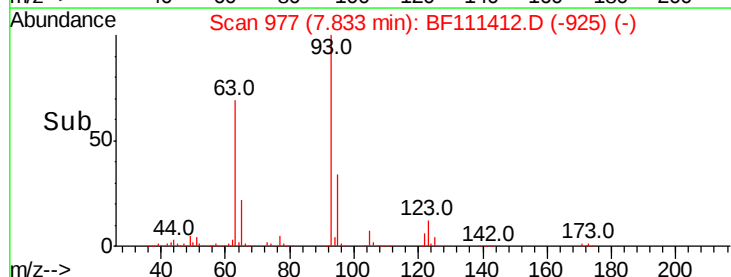
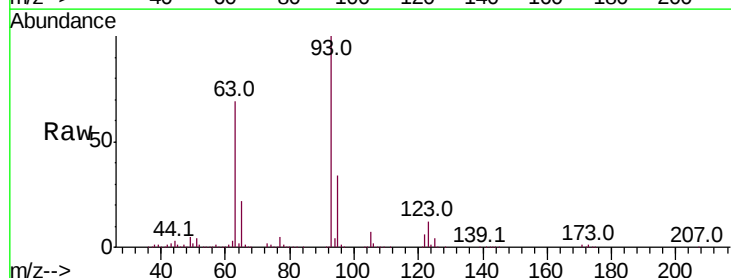
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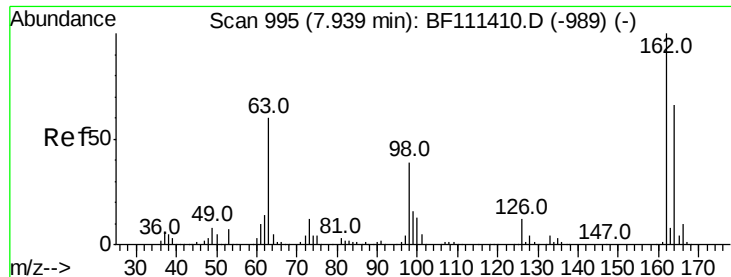
Sohil  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 57.501 ng  
 RT: 7.83 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 93    | Resp: | 1371142 |
| Ion Ratio | Lower | Upper |         |
| 93        | 100   |       |         |
| 95        | 34.0  | 27.1  | 40.7    |
| 123       | 12.3  | 9.9   | 14.9    |





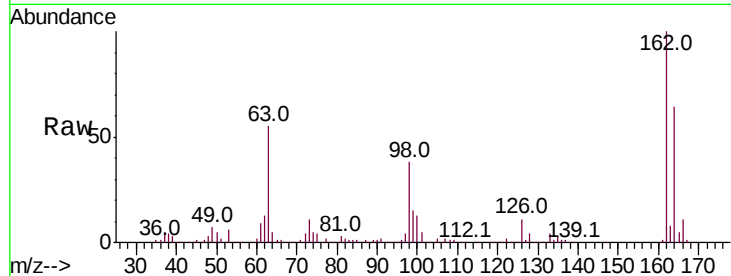
#29  
2,4-Dichlorophenol  
Concen: 58.040 ng  
RT: 7.95 min Scan# 996  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

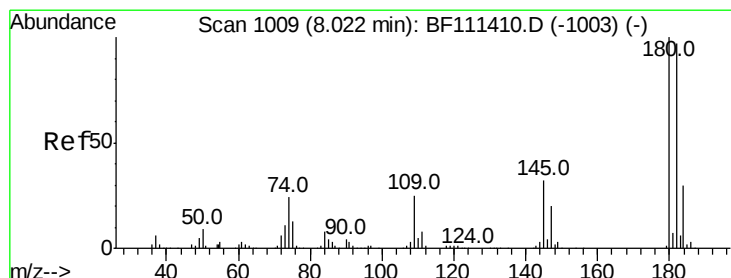
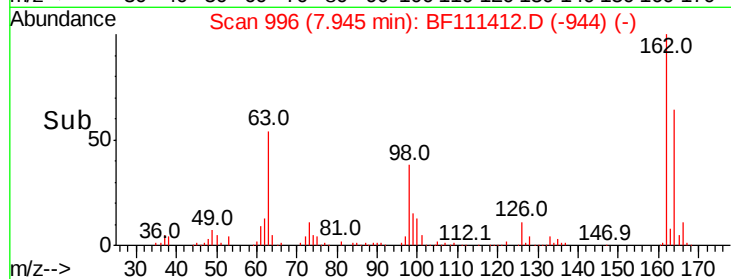
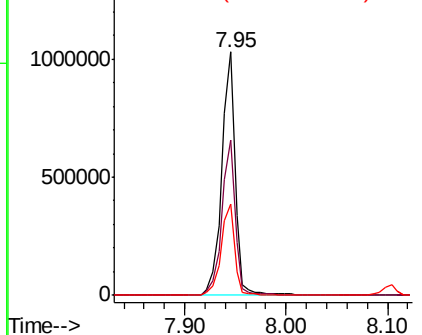
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 63.7  | 44.4       | 84.4  |
| 98      | 37.6  | 20.3       | 60.3  |

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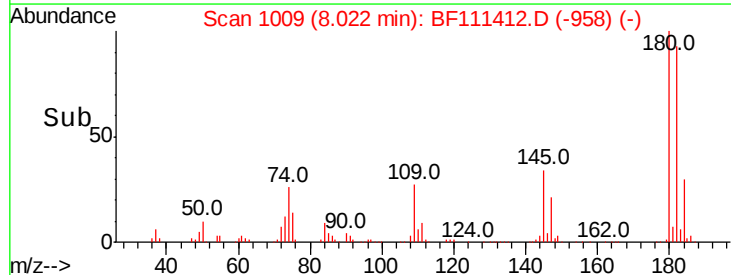
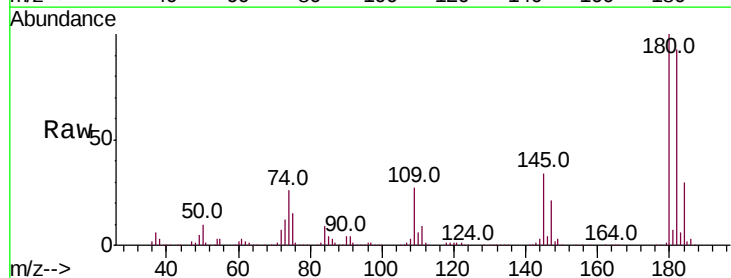
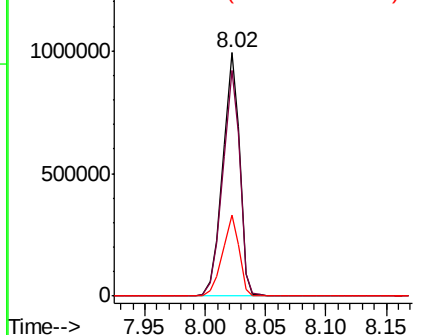
Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

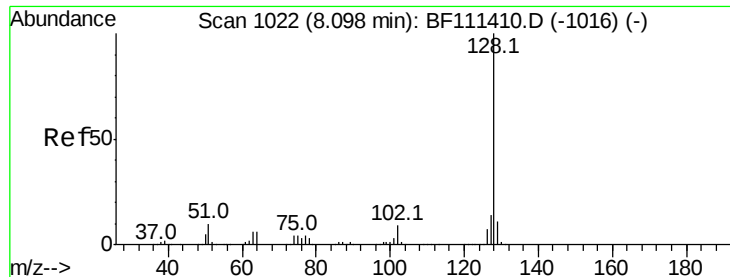


#30  
1,2,4-Trichlorobenzene  
Concen: 57.036 ng  
RT: 8.02 min Scan# 1009  
Delta R.T. 0.00 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 92.6  | 75.6       | 113.4 |
| 145     | 33.5  | 26.7       | 40.1  |

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





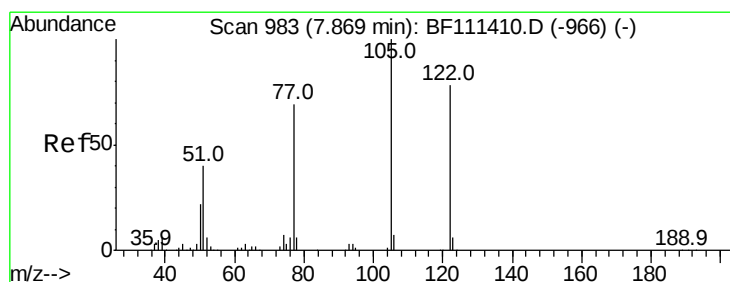
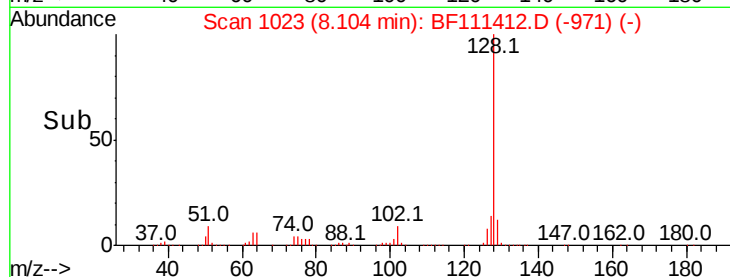
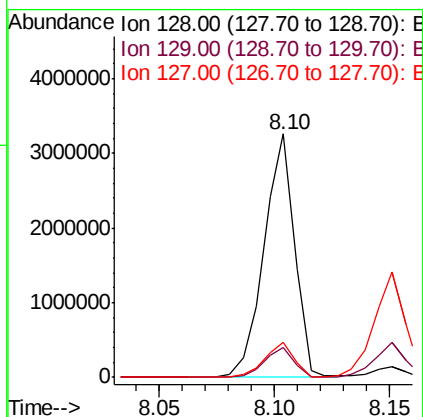
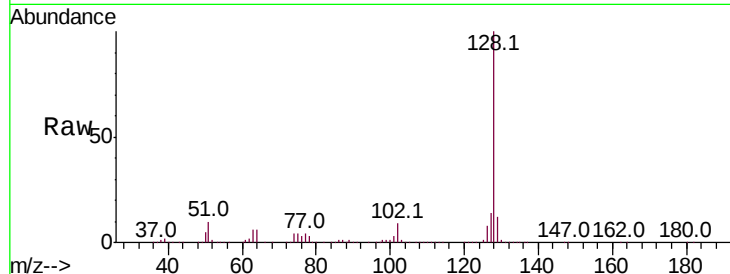
#31  
Naphthalene  
Concen: 55.957 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 12.3  | 9.8   | 14.8  |
| 127     | 14.4  | 12.0  | 18.0  |

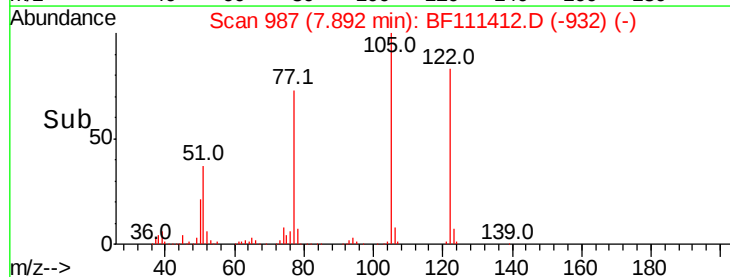
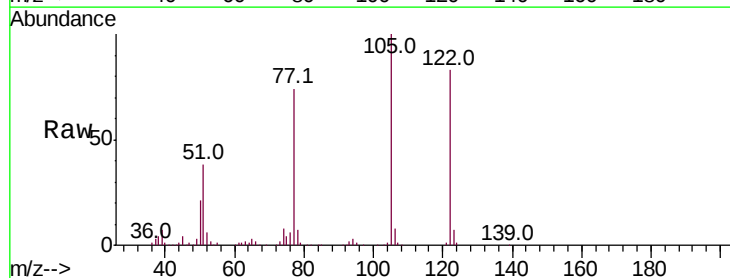
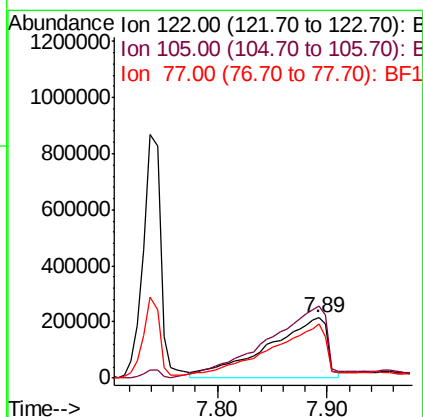
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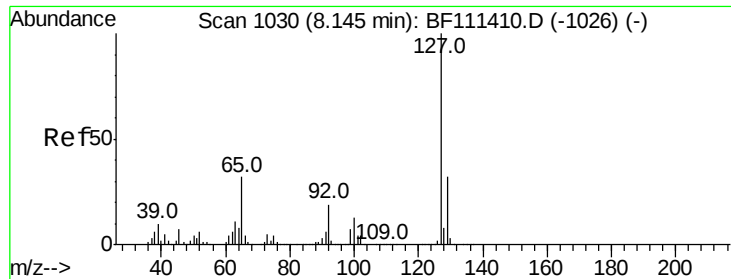
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#32  
Benzoic acid  
Concen: 62.298 ng m  
RT: 7.89 min Scan# 987  
Delta R.T. 0.02 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 120.1 | 97.0  | 137.0 |
| 77      | 88.6  | 65.7  | 105.7 |





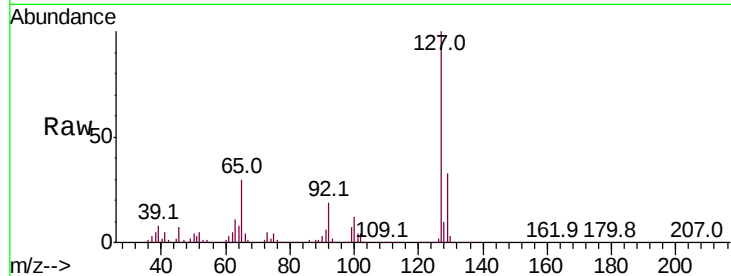
#33  
4-Chloroaniline  
Concen: 60.767 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.0  | 26.6  | 39.8  |
| 65      | 30.5  | 25.7  | 38.5  |
| 92      | 18.7  | 15.4  | 23.2  |

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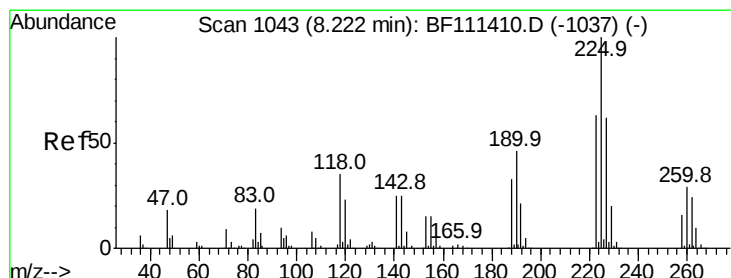
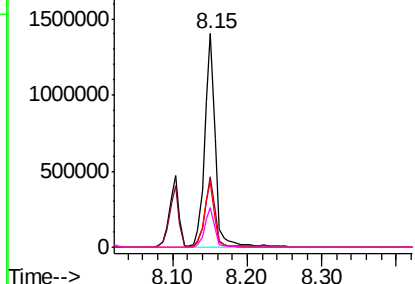
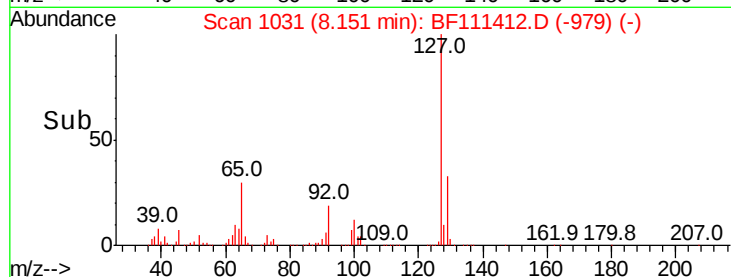
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

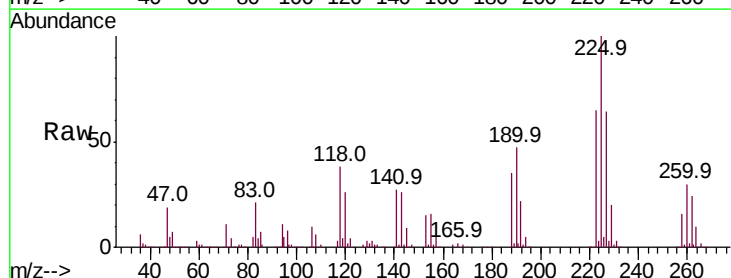
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 55.889 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. 0.00 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.7  | 50.7  | 76.1  |
| 227     | 64.2  | 52.6  | 78.8  |

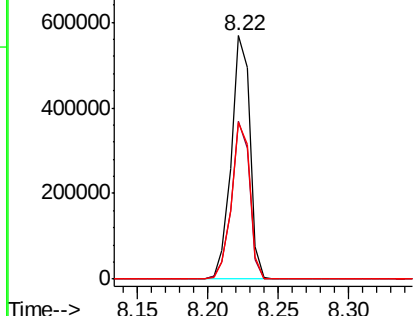
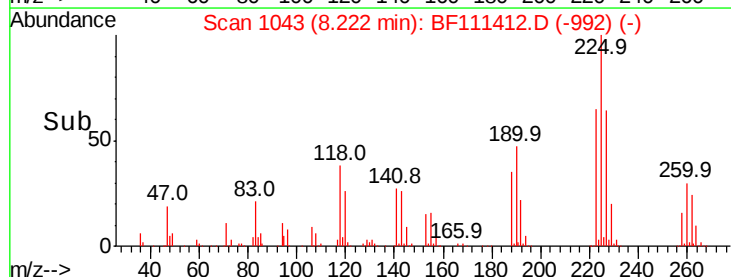


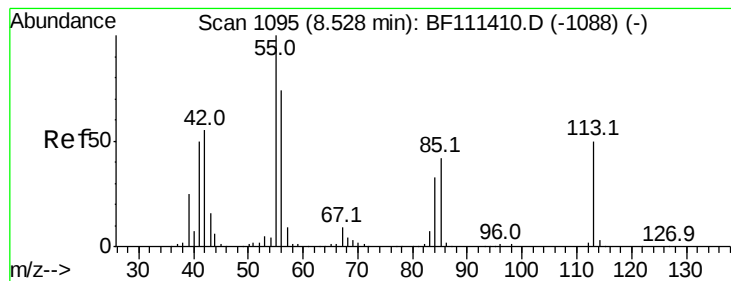
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 63.574 ng/ml

RT: 8.55 min Scan# 1099

Delta R.T. 0.02 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:113 Resp: 365270

Ion Ratio Lower Upper

113 100

55 186.7 184.1 224.1

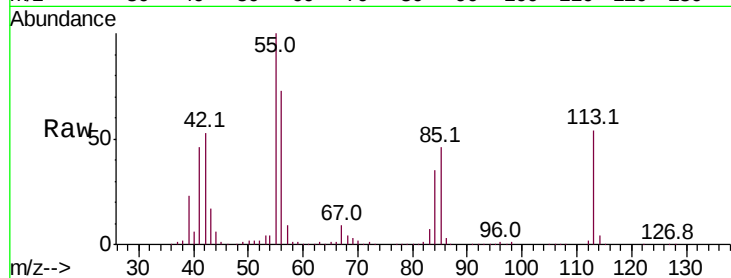
56 136.5 126.0 166.0

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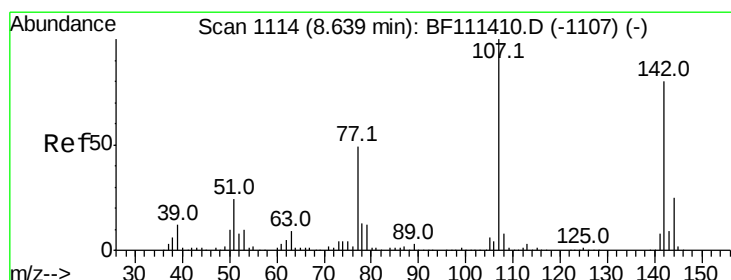
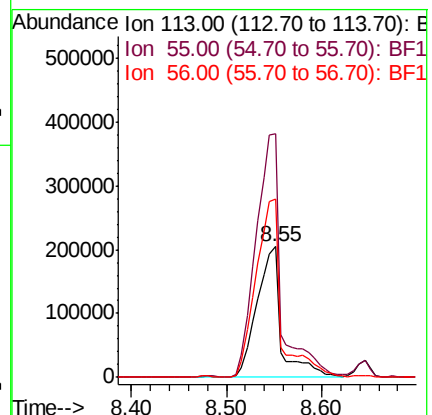
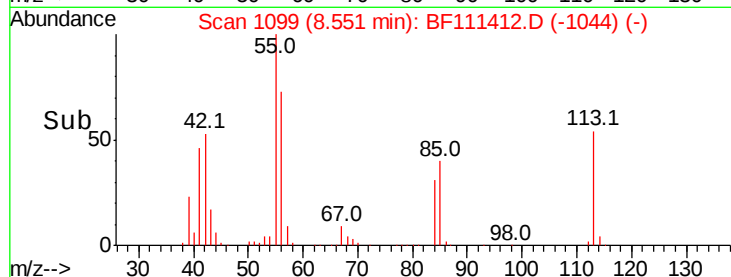


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 58.312 ng/ml

RT: 8.65 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

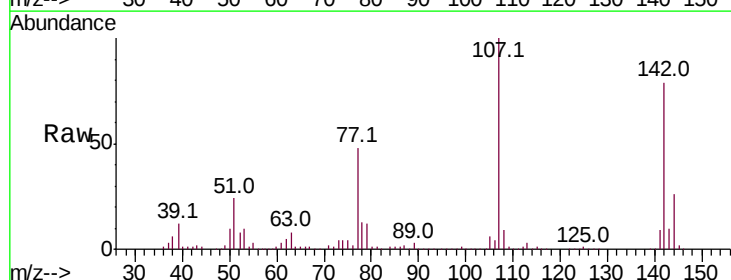
Tgt Ion:107 Resp: 1018898

Ion Ratio Lower Upper

107 100

144 25.8 19.8 29.6

142 78.6 62.3 93.5

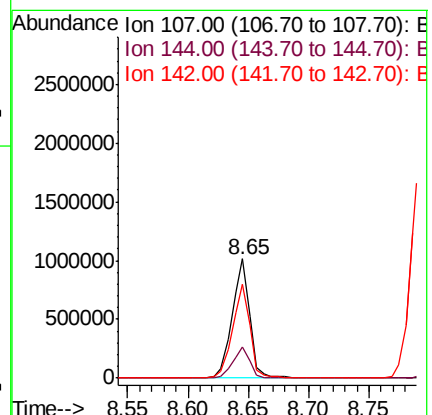
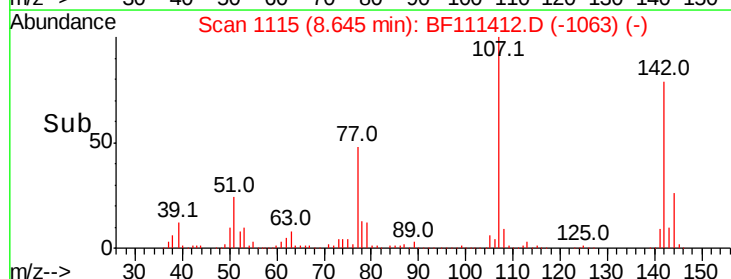


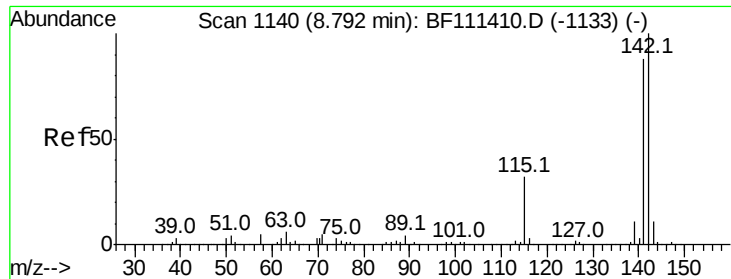
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





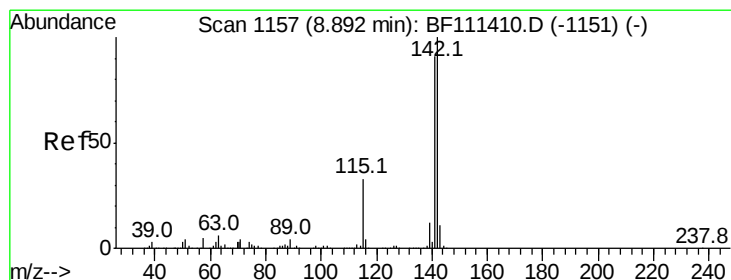
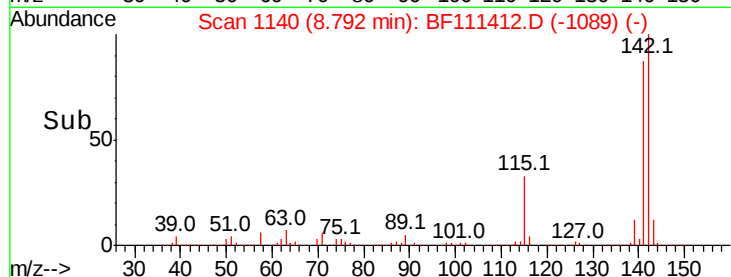
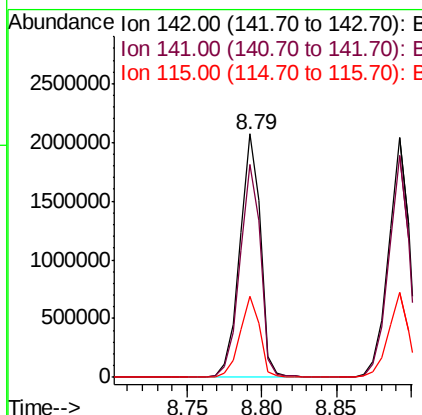
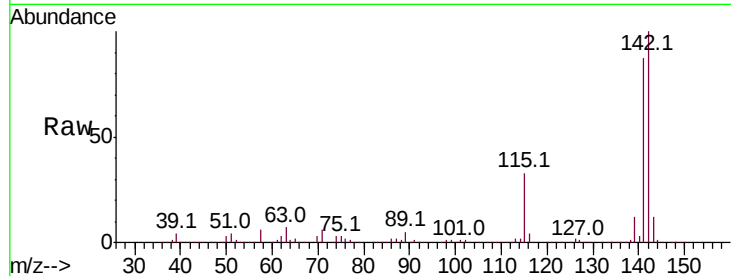
#37  
2-Methylnaphthalene  
Concen: 57.271 ng  
RT: 8.79 min Scan# 1140  
Delta R.T. 0.00 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.4  | 70.6  | 105.8 |
| 115     | 33.4  | 27.0  | 40.6  |

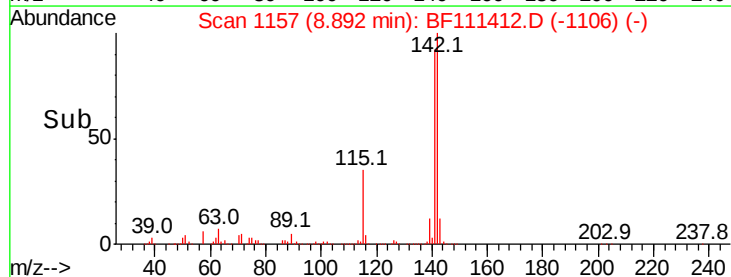
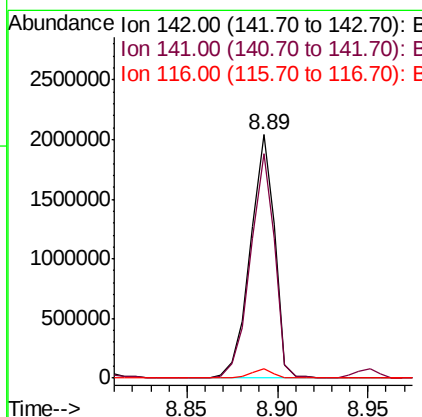
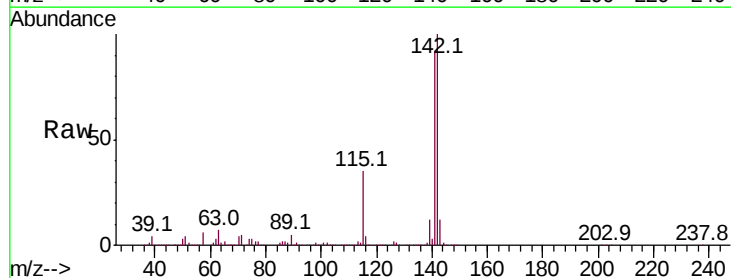
Manual Integrations  
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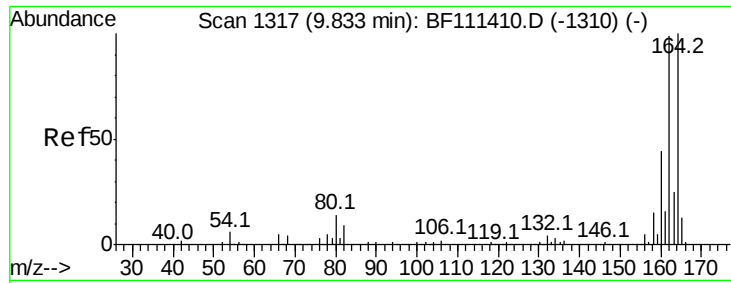
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12/17/2018 2:36:13 PM



#38  
1-Methylnaphthalene  
Concen: 56.367 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. 0.00 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.4  | 74.2  | 111.4 |
| 116     | 3.8   | 2.9   | 4.3   |





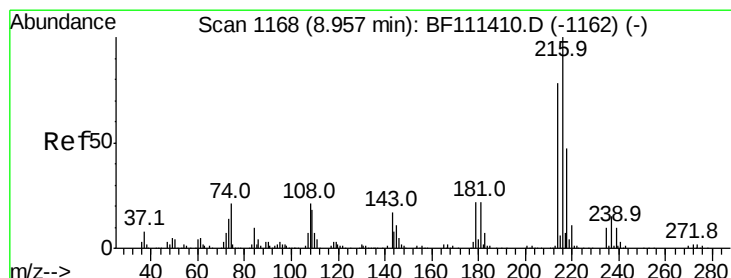
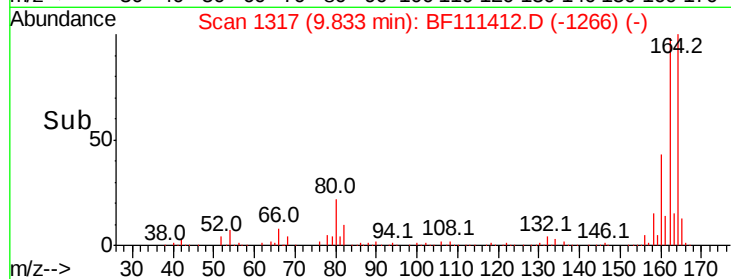
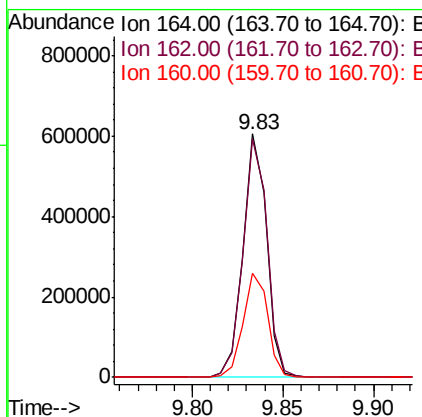
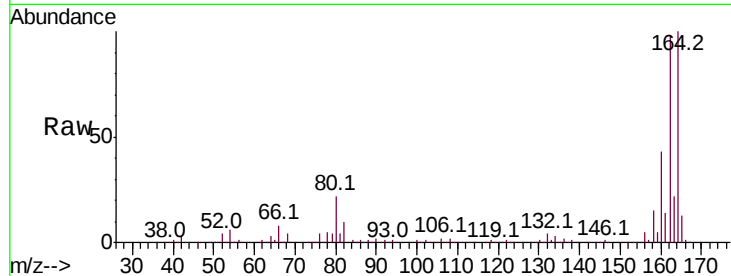
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.83 min Scan# 1317  
Delta R.T. 0.00 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 548572 |       |       |
| 162     | 97.8  |        | 81.4  | 122.0 |
| 160     | 43.0  |        | 35.7  | 53.5  |

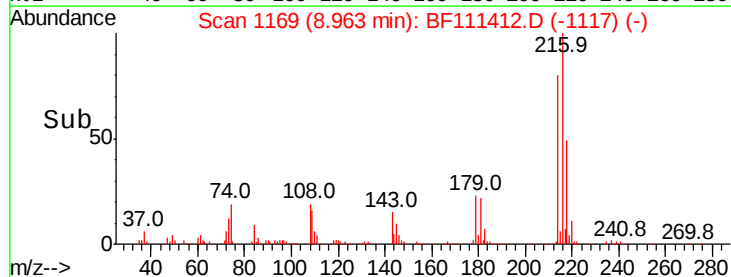
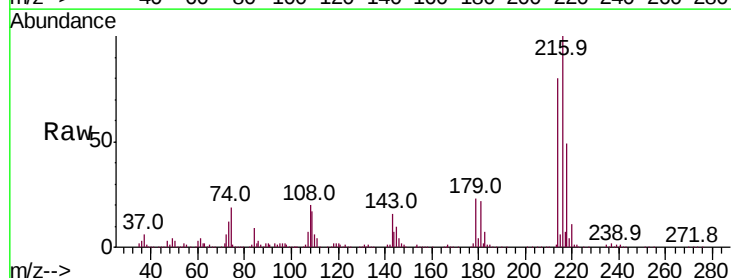
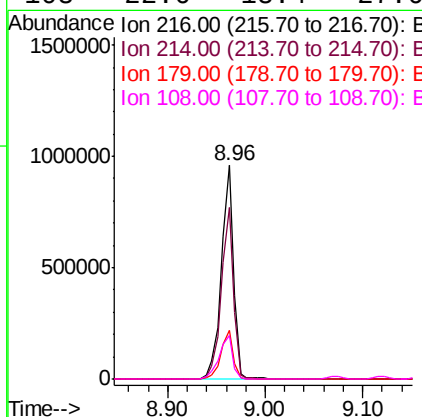
Manual Integrations  
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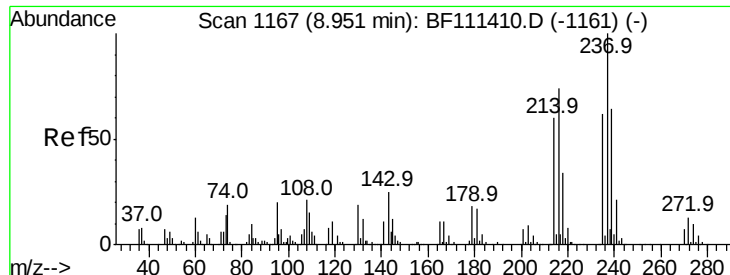
Sohil  
12/17/2018 2:36:13 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 53.834 ng  
RT: 8.96 min Scan# 1169  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 830104 |       |       |
| 214     | 80.5  |        | 63.8  | 95.8  |
| 179     | 22.8  |        | 17.9  | 26.9  |
| 108     | 22.6  |        | 18.4  | 27.6  |





#41

Hexachlorocyclopentadiene

Concen: 60.027 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

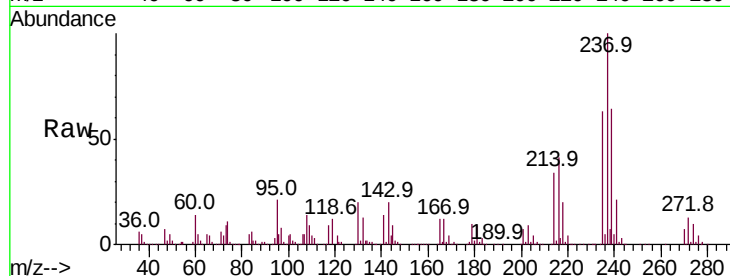
ClientSampleId :

SSTDIC060

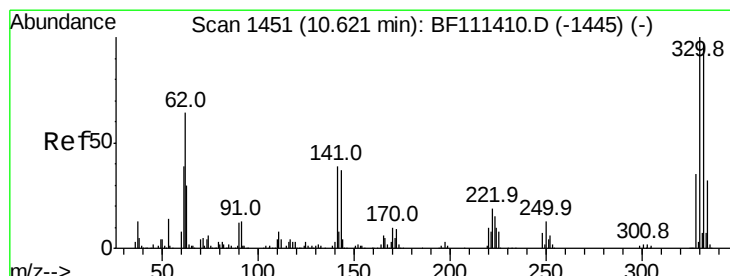
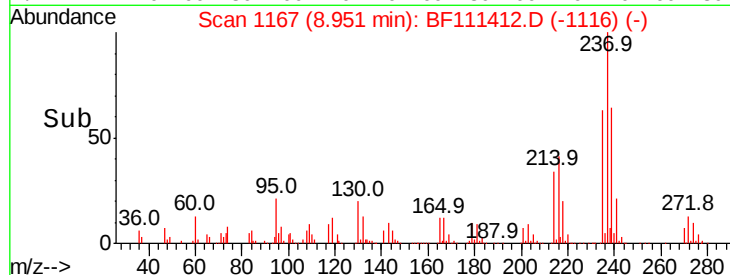
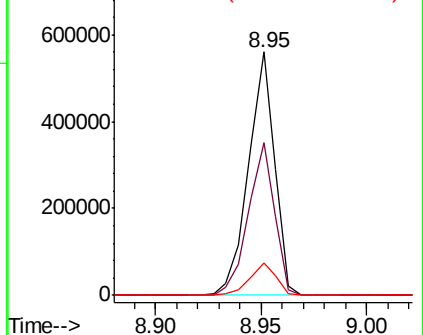
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 237  | Resp: | 483327 |
| Ion Ratio |      | Lower | Upper  |
| 237       | 100  |       |        |
| 235       | 62.7 | 43.1  | 83.1   |
| 272       | 13.1 | 0.0   | 33.0   |

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



#42

2,4,6-Tribromophenol

Concen: 112.498 ng

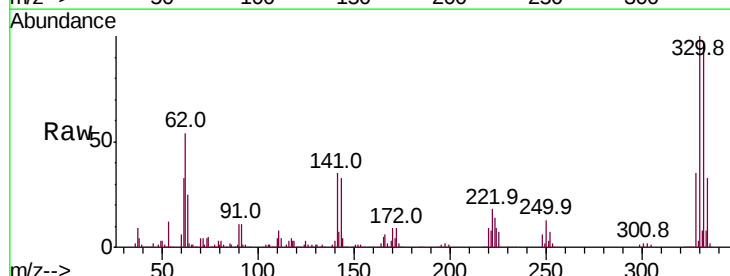
RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

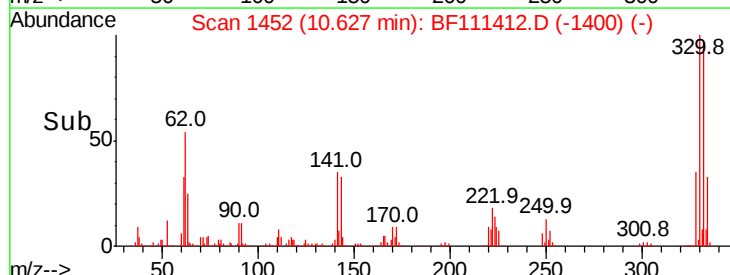
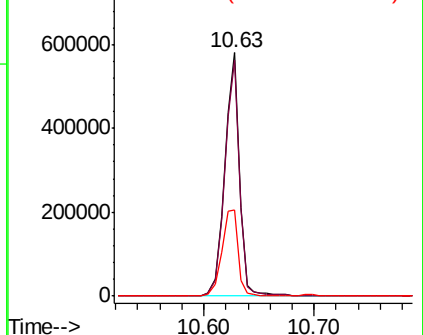
Lab File: BF111412.D

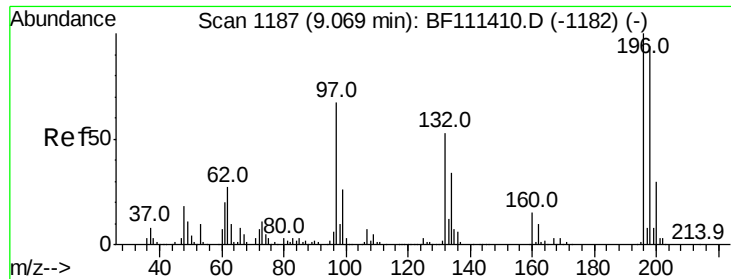
Acq: 14 Dec 2018 12:01

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 330  | Resp: | 544010 |
| Ion Ratio |      | Lower | Upper  |
| 330       | 100  |       |        |
| 332       | 97.0 | 76.0  | 114.0  |
| 141       | 39.2 | 31.0  | 46.6   |



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





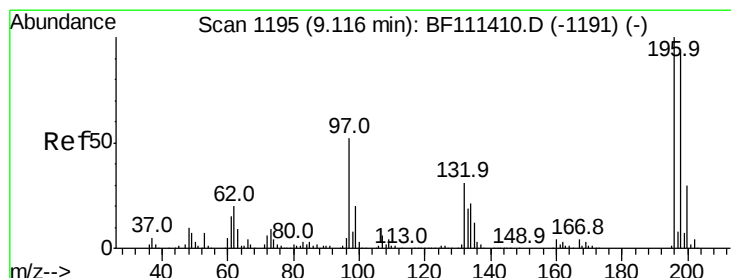
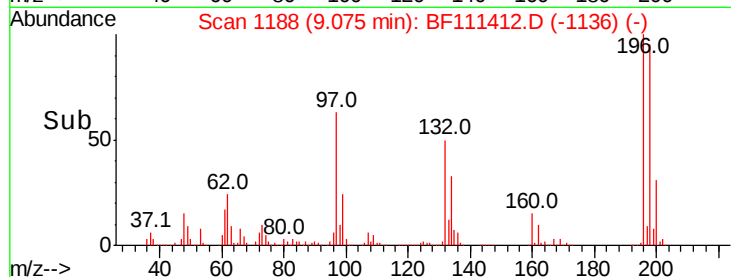
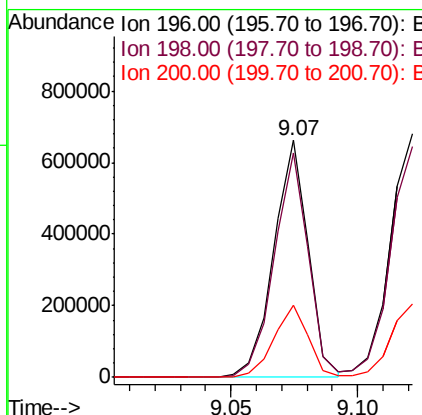
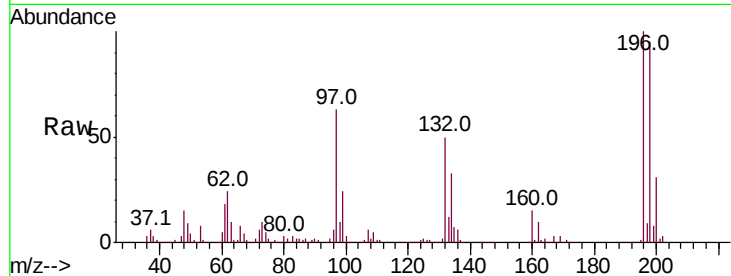
#43  
 2,4,6-Trichlorophenol  
 Concen: 56.789 ng  
 RT: 9.07 min Scan# 1188  
 Delta R.T. 0.01 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 626769 |       |       |
| 198     | 94.9  | 76.3   | 114.5 |       |
| 200     | 30.5  | 24.9   | 37.3  |       |

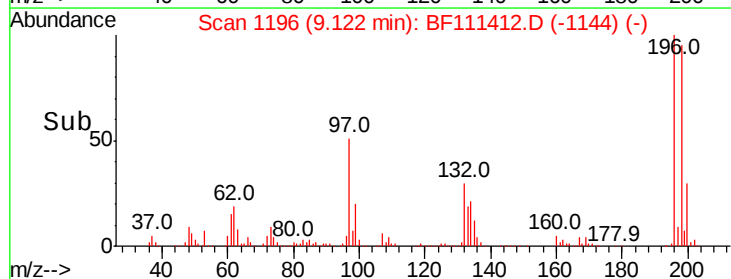
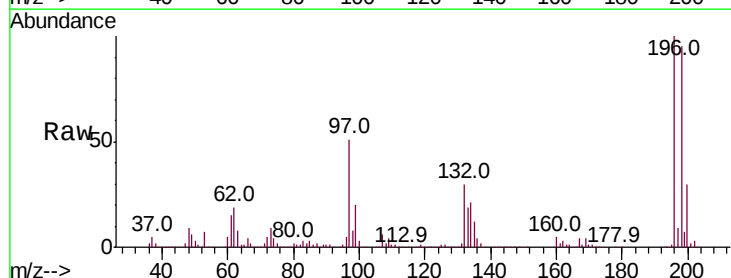
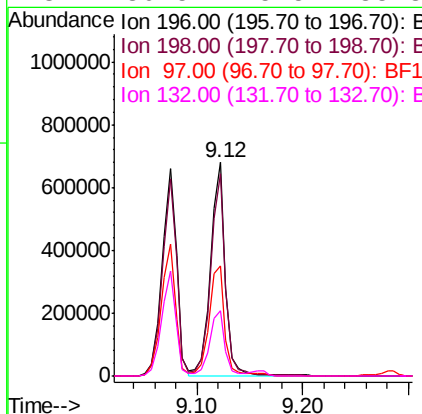
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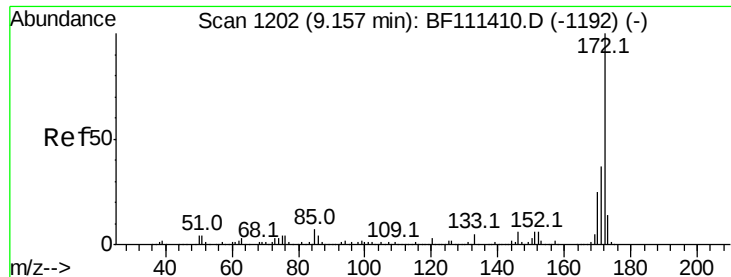
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#44  
 2,4,5-Trichlorophenol  
 Concen: 57.424 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. 0.01 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 669798 |       |       |
| 198     | 94.6  | 72.9   | 109.3 |       |
| 97      | 51.3  | 45.3   | 67.9  |       |
| 132     | 30.5  | 25.5   | 38.3  |       |





#45

2-Fluorobiphenyl

Concen: 107.239 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:172 Resp: 3664206

Ion Ratio Lower Upper

172 100

171 37.8 33.0 49.4

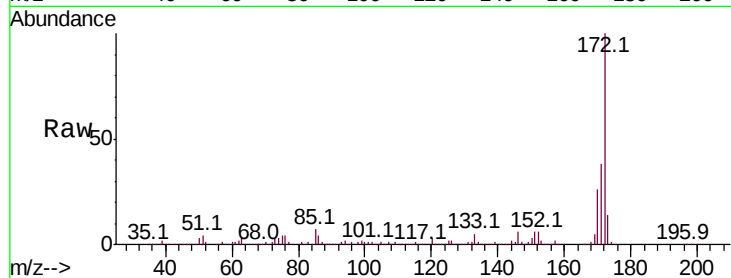
170 25.7 22.3 33.5

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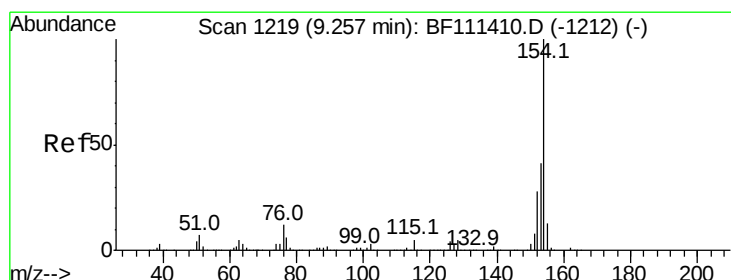
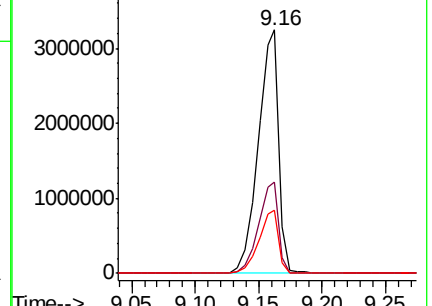
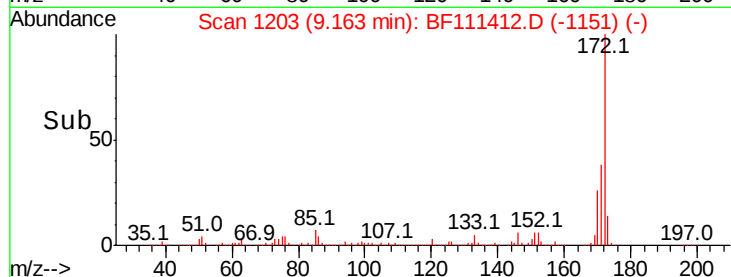
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 54.318 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

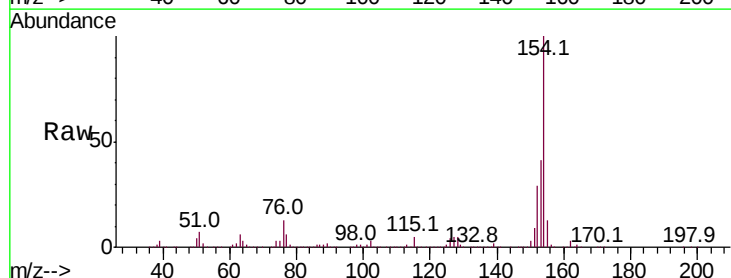
Tgt Ion:154 Resp: 2542370

Ion Ratio Lower Upper

154 100

153 41.4 23.7 63.7

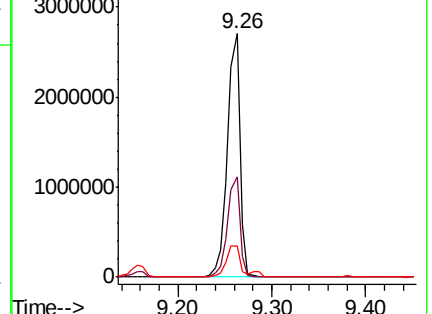
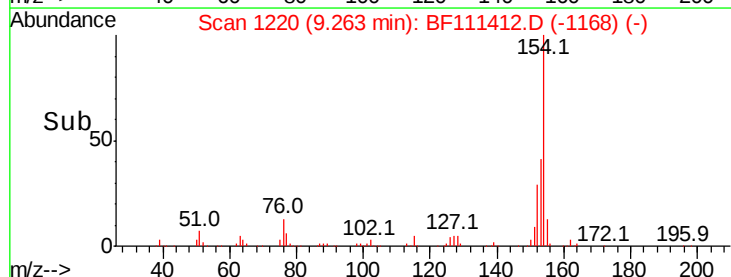
76 12.9 0.0 35.0

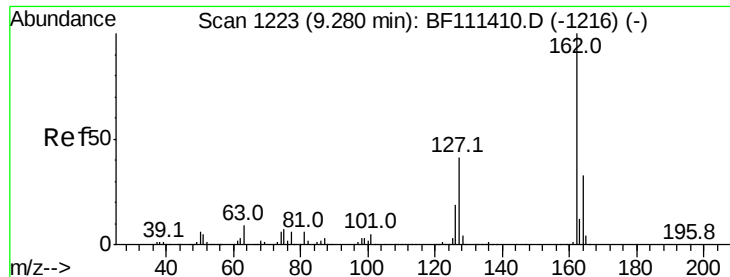


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





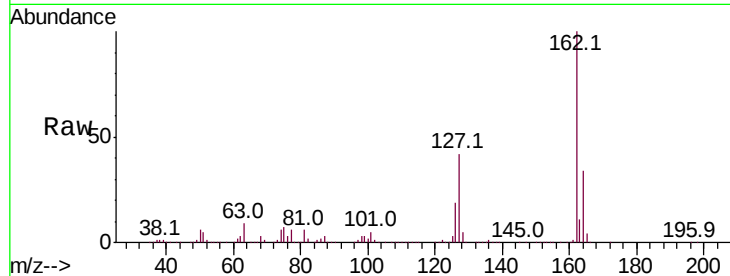
#47  
2-Chloronaphthalene  
Concen: 55.161 ng  
RT: 9.29 min Scan# 1224  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.7  | 35.0  | 52.4  |
| 164     | 34.0  | 28.4  | 42.6  |

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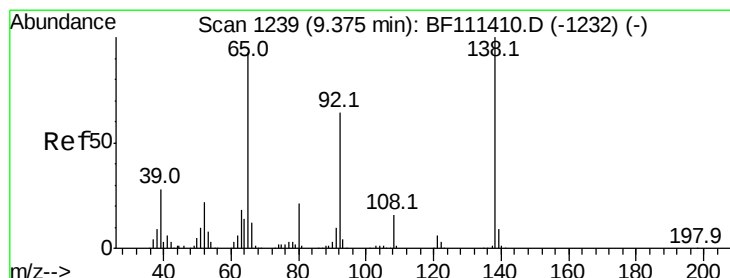
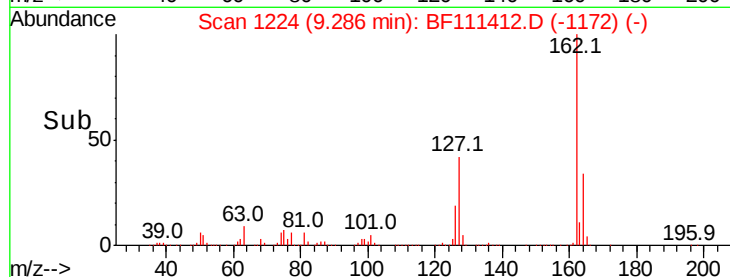
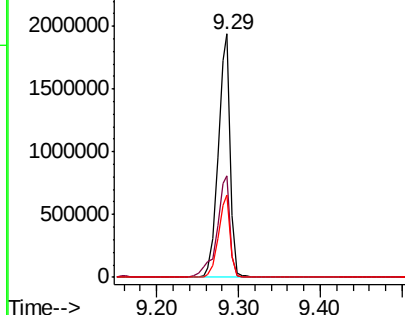


Abundance

Ion 162.00 (161.70 to 162.70): E

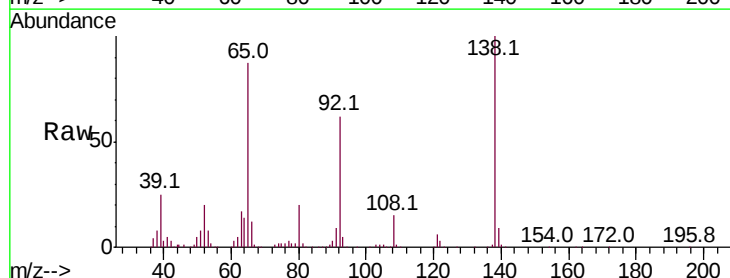
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 59.149 ng  
RT: 9.38 min Scan# 1240  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.8  | 53.5  | 80.3  |
| 138     | 115.0 | 80.9  | 121.3 |

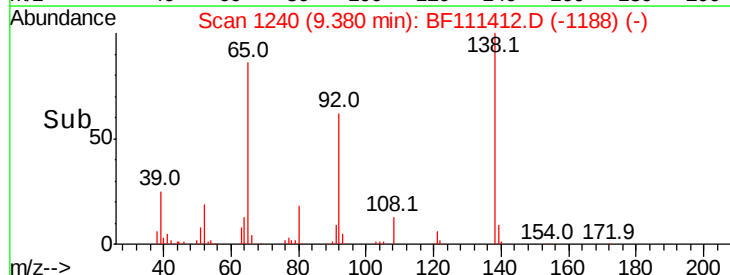
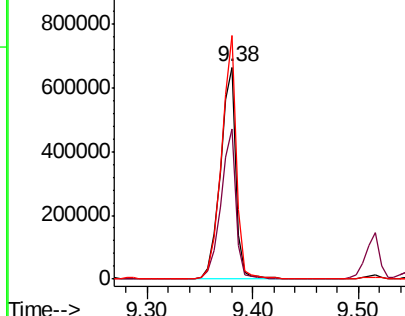


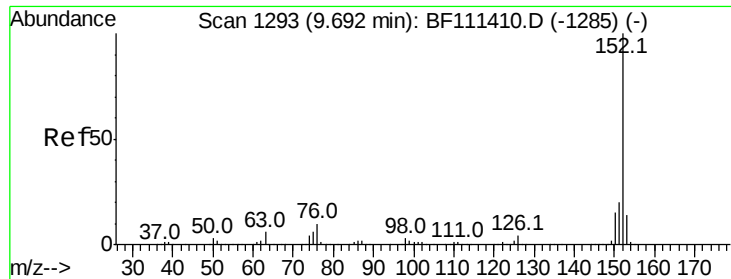
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





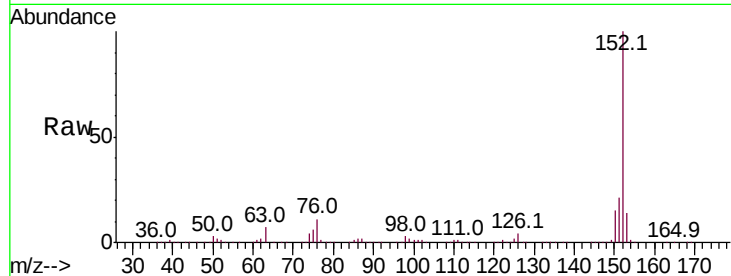
#49  
Acenaphthylene  
Concen: 55.859 ng  
RT: 9.70 min Scan# 1294  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.3  | 18.0  | 27.0  |
| 153     | 13.9  | 12.3  | 18.5  |

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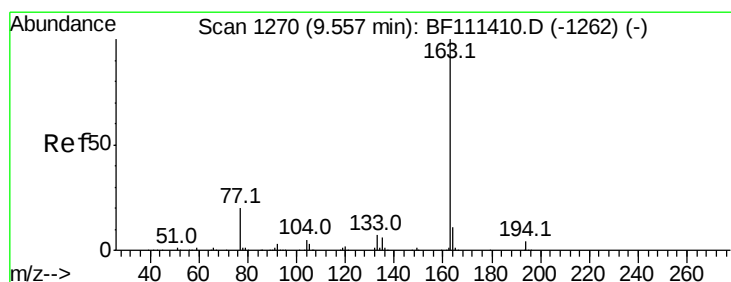
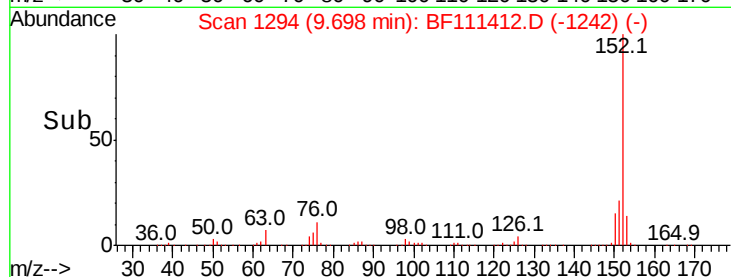
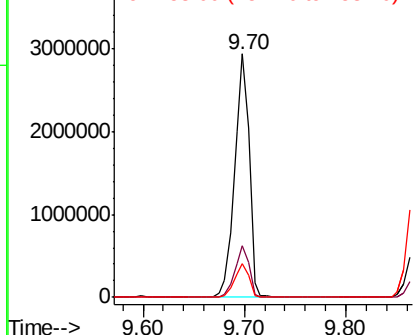


Abundance

Ion 152.00 (151.70 to 152.70): E

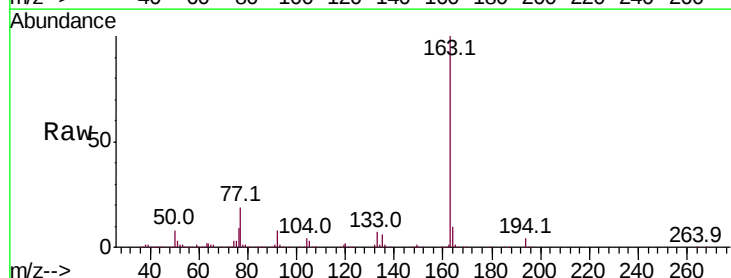
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50  
Dimethylphthalate  
Concen: 57.596 ng  
RT: 9.57 min Scan# 1272  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.1   | 3.0   | 4.6   |
| 164     | 10.2  | 8.9   | 13.3  |

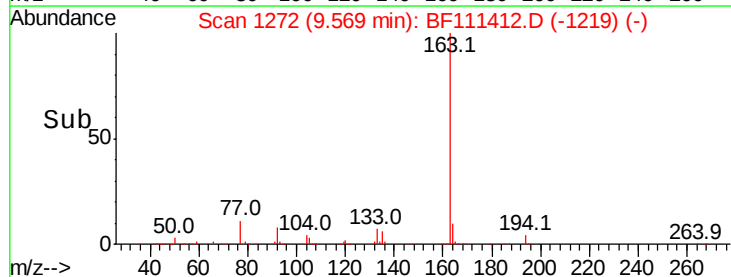
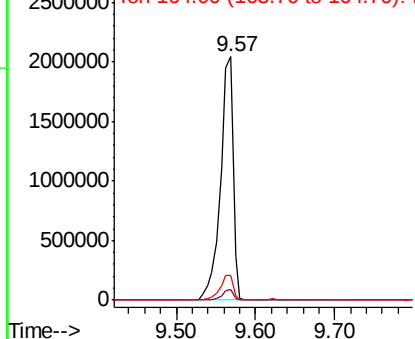


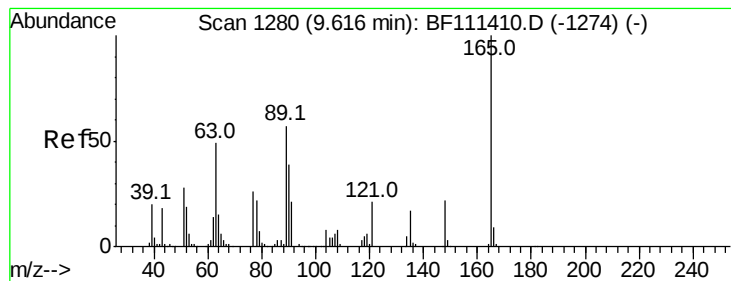
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





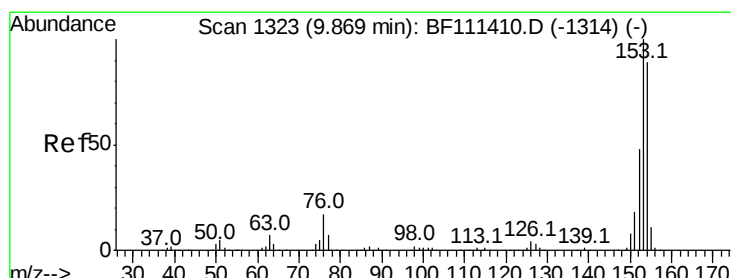
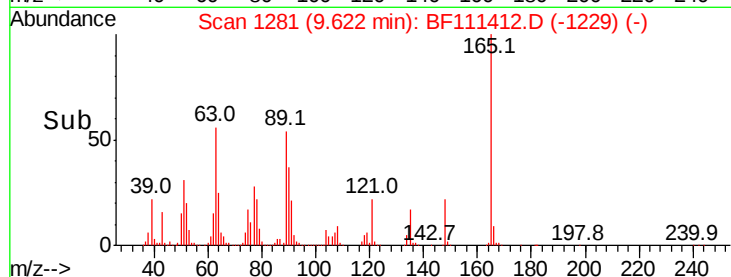
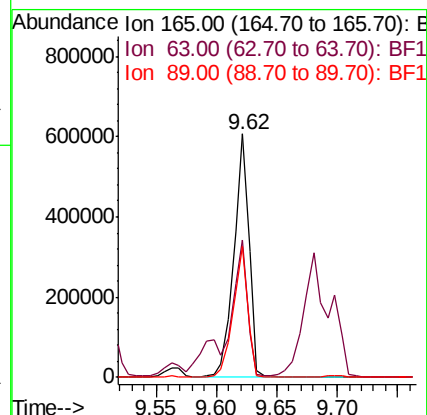
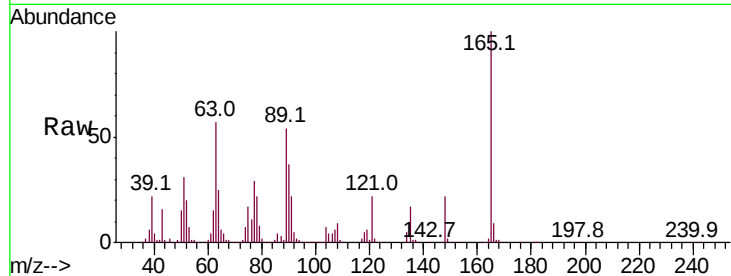
#51  
2,6-Dinitrotoluene  
Concen: 60.749 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 531208 |       |       |
| 63      | 56.6  |        | 40.5  | 60.7  |
| 89      | 54.0  |        | 40.0  | 60.0  |

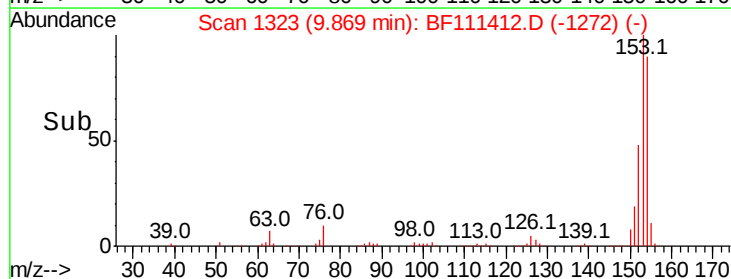
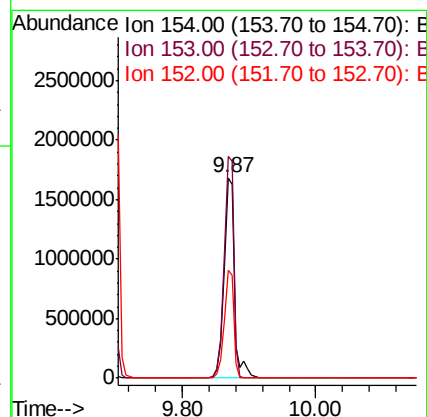
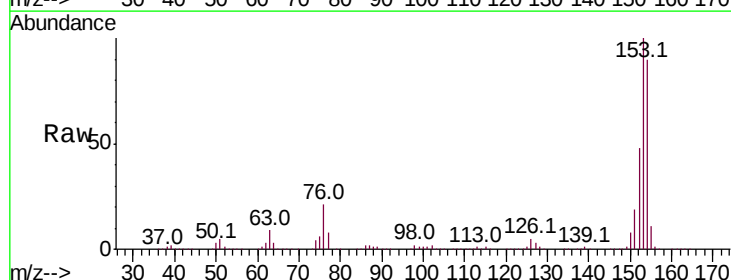
Manual Integrations  
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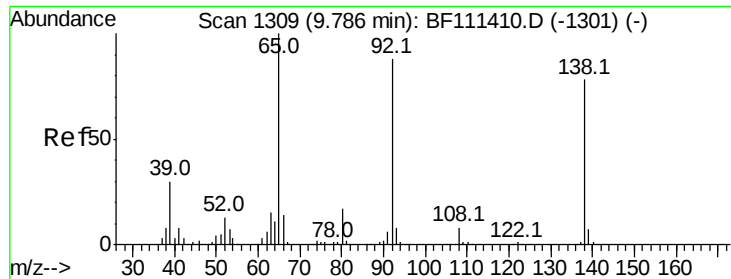
Sohil  
12/17/2018 2:36:13 PM



#52  
Acenaphthene  
Concen: 56.568 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1868517 |       |       |
| 153     | 110.9 |         | 87.8  | 131.8 |
| 152     | 53.5  |         | 43.4  | 65.2  |





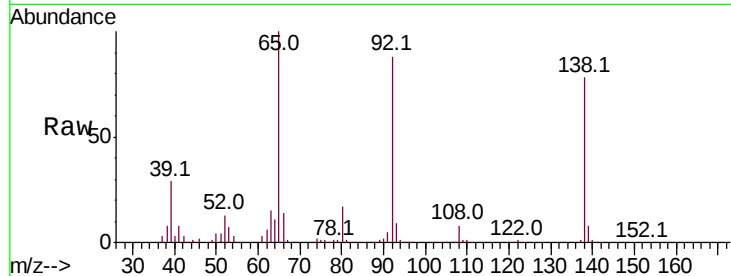
#53  
3-Nitroaniline  
Concen: 61.932 ng  
RT: 9.79 min Scan# 1310  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 650925 |       |       |
| 108     | 9.8   | 8.2    | 12.4  |       |
| 92      | 111.5 | 93.4   | 140.2 |       |

Manual Integrations  
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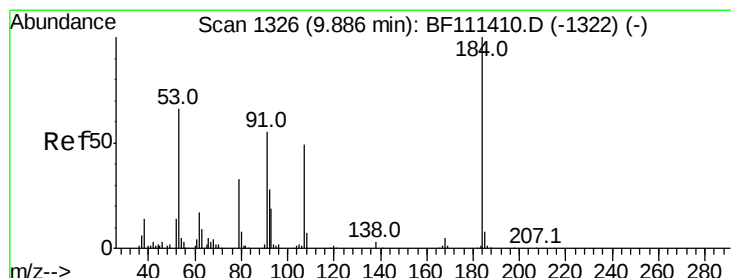
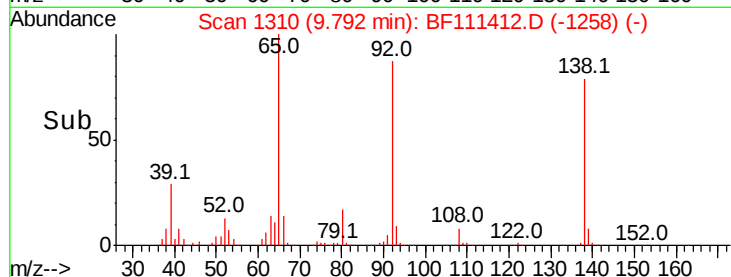
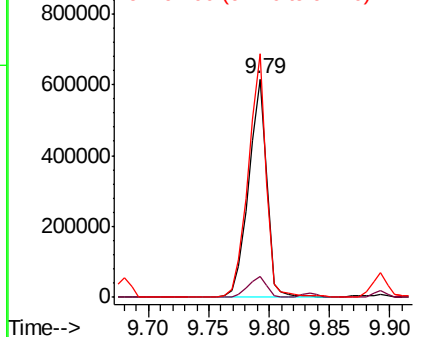


Abundance

Ion 138.00 (137.70 to 138.70): E

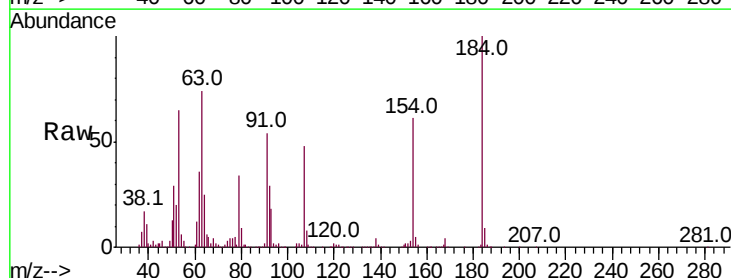
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54  
2,4-Dinitrophenol  
Concen: 65.011 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 223028 |       |       |
| 63      | 74.2  | 62.3   | 93.5  |       |
| 154     | 61.1  | 56.2   | 84.2  |       |

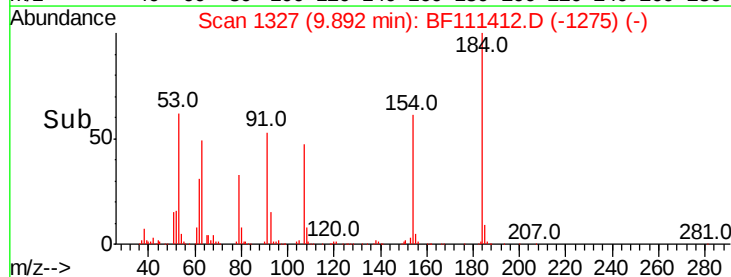
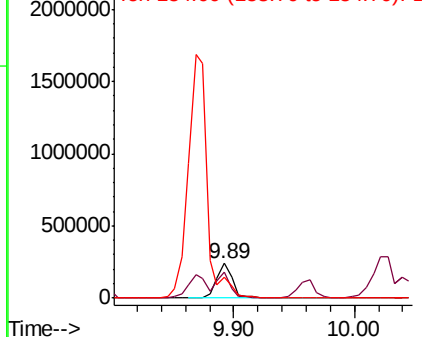


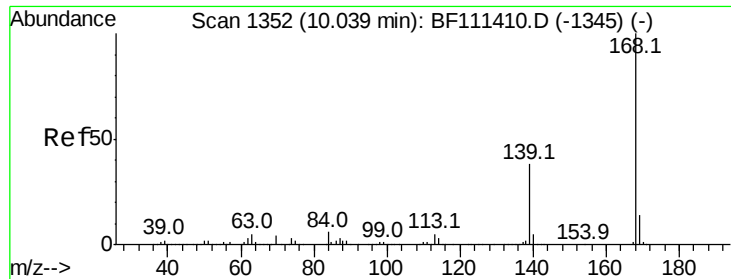
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





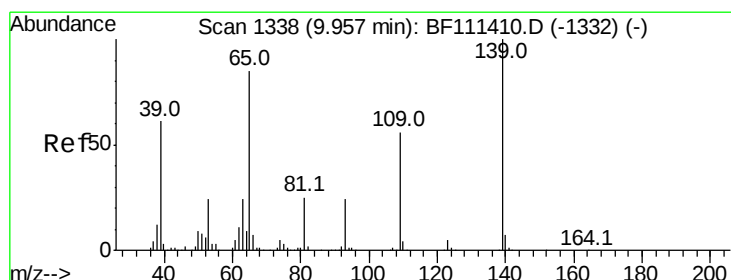
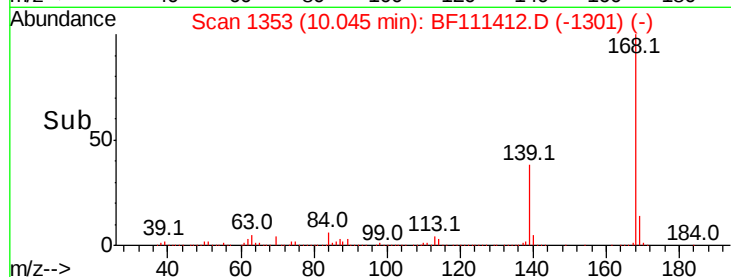
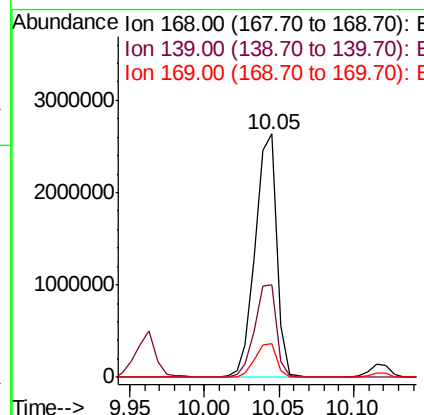
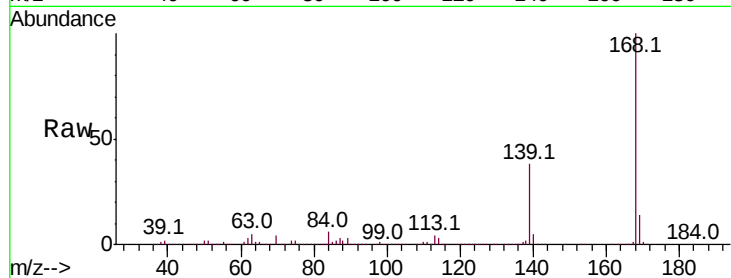
#55  
Dibenzofuran  
Concen: 55.103 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.0  | 32.6  | 49.0  |
| 169     | 13.8  | 11.8  | 17.6  |

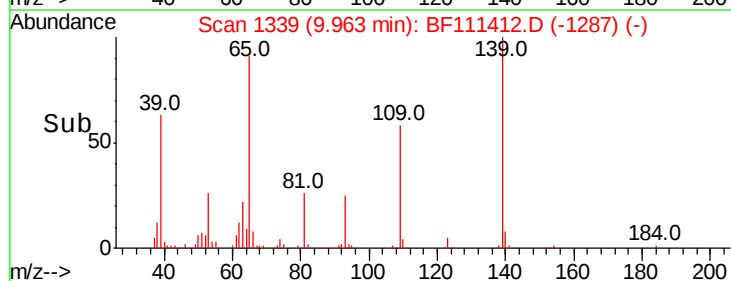
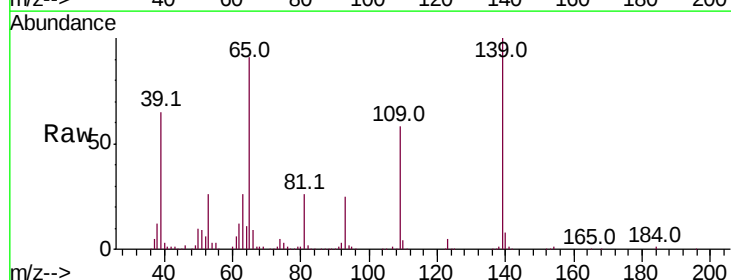
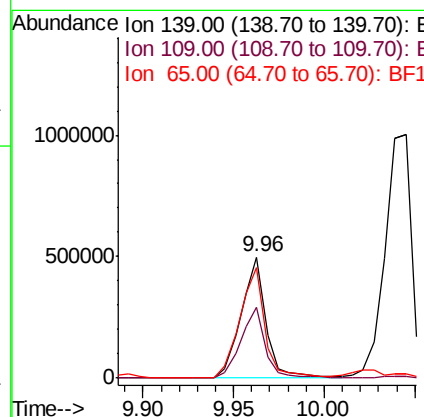
Manual Integrations  
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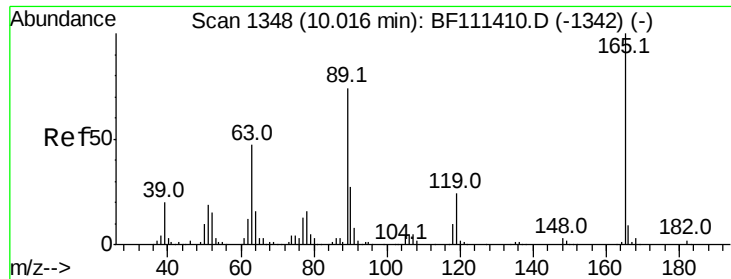
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#56  
4-Nitrophenol  
Concen: 62.894 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 58.0  | 41.8  | 81.8  |
| 65      | 91.5  | 79.6  | 119.6 |





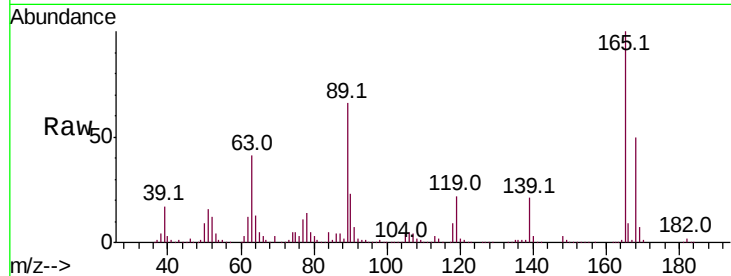
#57  
2,4-Dinitrotoluene  
Concen: 61.425 ng  
RT: 10.03 min Scan# 1350  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 40.8  | 34.6 | 52.0  |       |
| 89      | 66.2  | 56.2 | 84.4  |       |
| 182     | 2.5   | 1.8  | 2.6   |       |

Manual Integrations  
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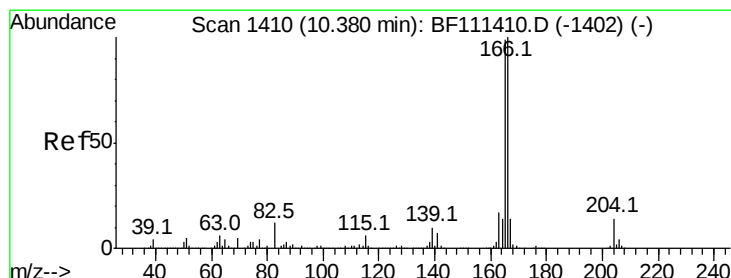
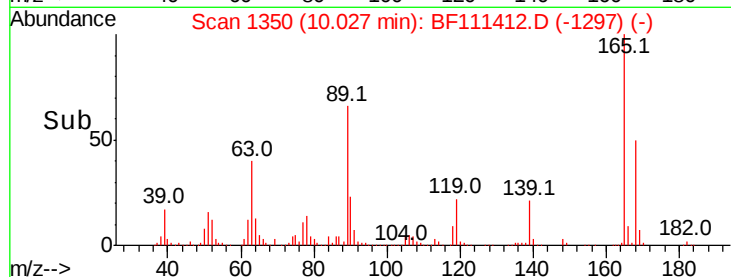
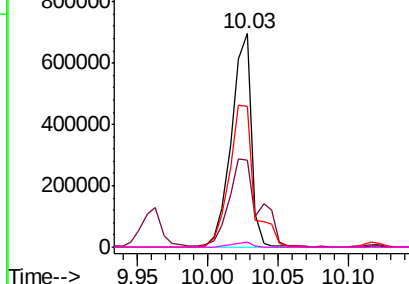
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

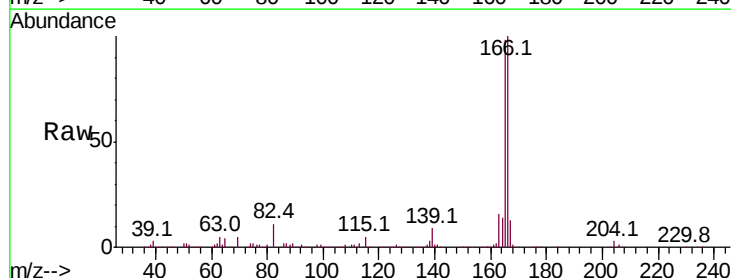
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 54.091 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 97.8  | 78.4 | 117.6 |       |
| 167     | 13.1  | 11.2 | 16.8  |       |

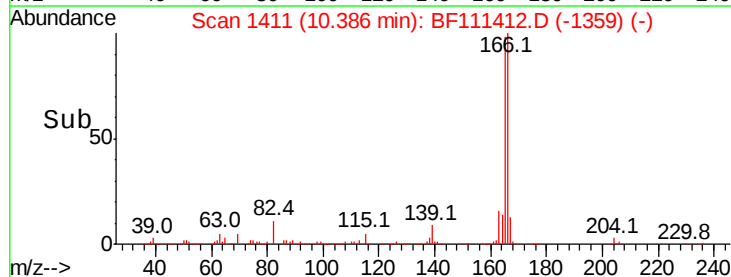
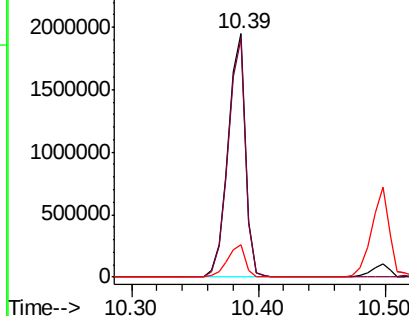


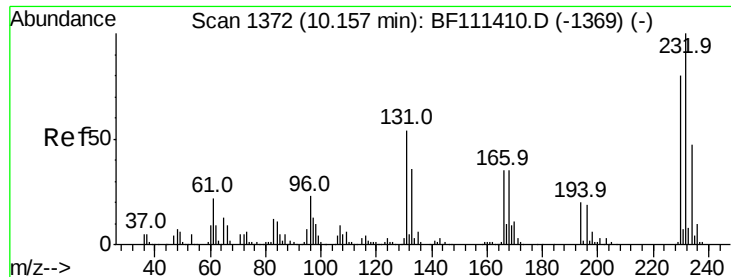
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 56.776 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:232 Resp: 511590

Ion Ratio Lower Upper

232 100

131 50.6 40.9 61.3

130 2.4 2.0 3.0

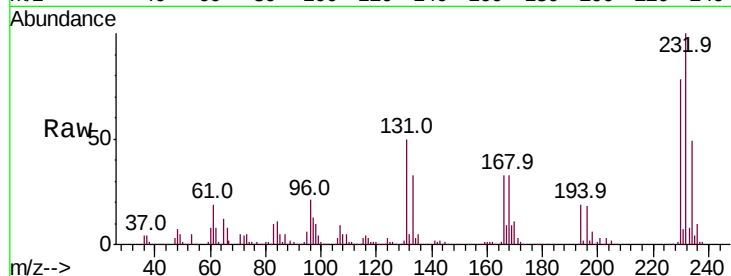
166 32.6 26.8 40.2

Manual Integrations

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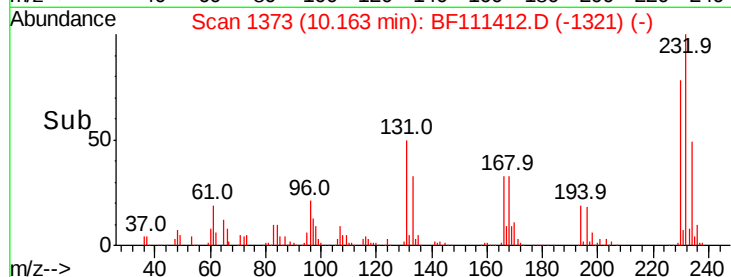
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

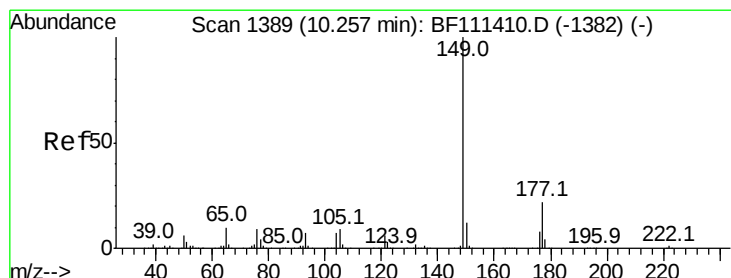
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



Time-->



#60

Diethylphthalate

Concen: 55.250 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

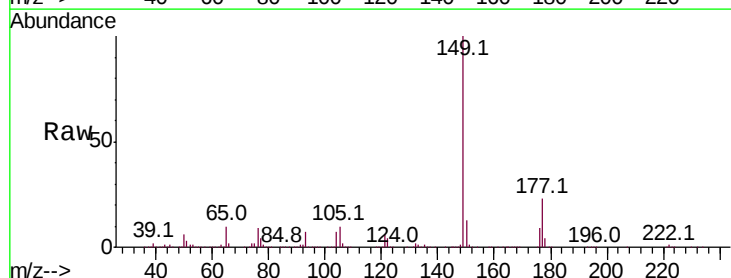
Tgt Ion:149 Resp: 2194202

Ion Ratio Lower Upper

149 100

177 22.9 18.3 27.5

150 12.9 10.6 15.8

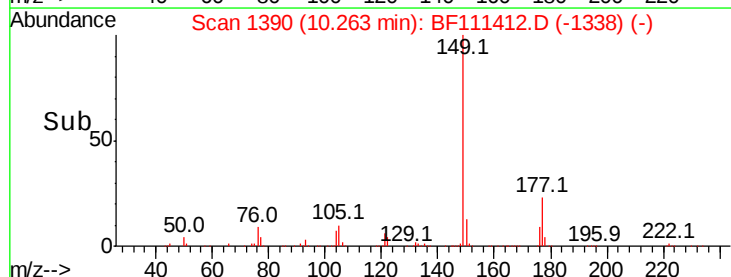


Abundance Ion 149.00 (148.70 to 149.70): E

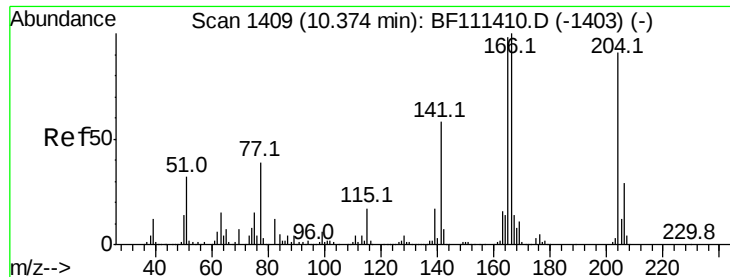
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



Time-->



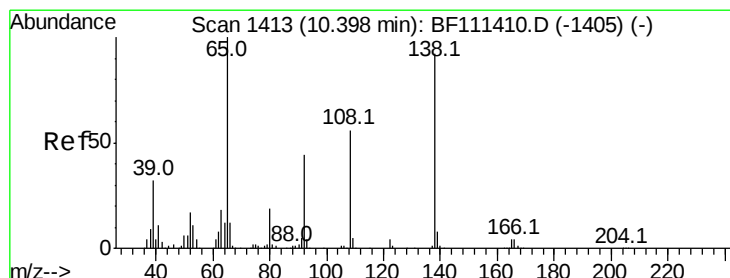
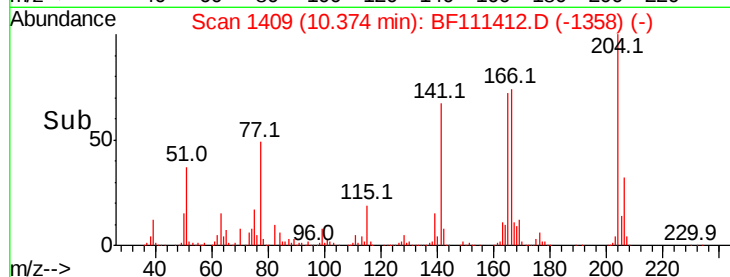
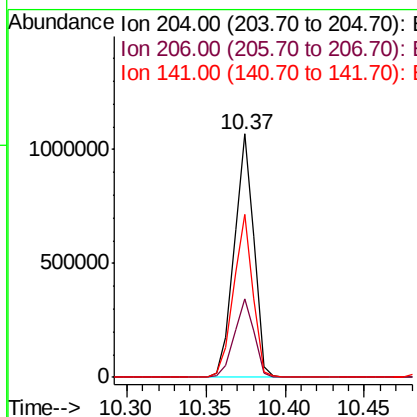
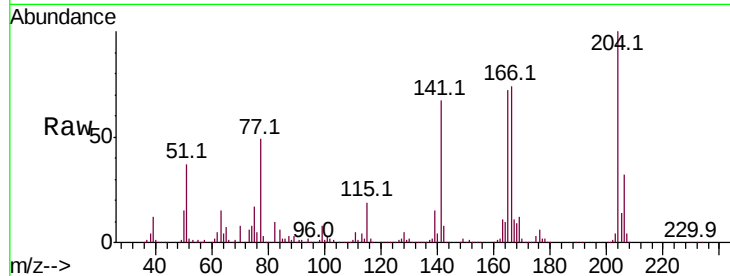
#61  
 4-Chlorophenyl-phenylether  
 Concen: 54.308 ng  
 RT: 10.37 min Scan# 1409  
 Delta R.T. 0.00 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 918390 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.1  | 26.6  | 39.8   |
| 141       | 66.9  | 52.6  | 78.8   |

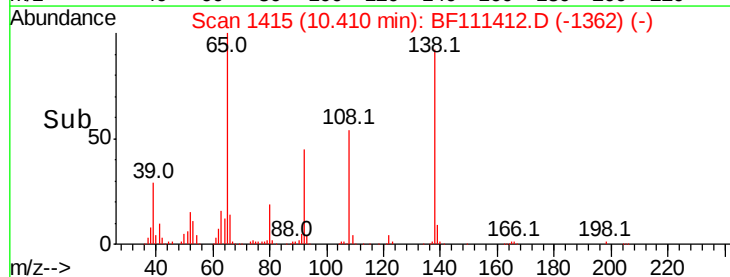
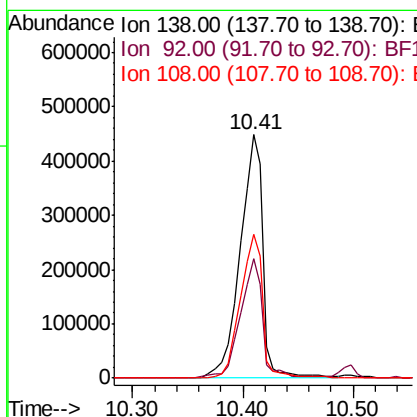
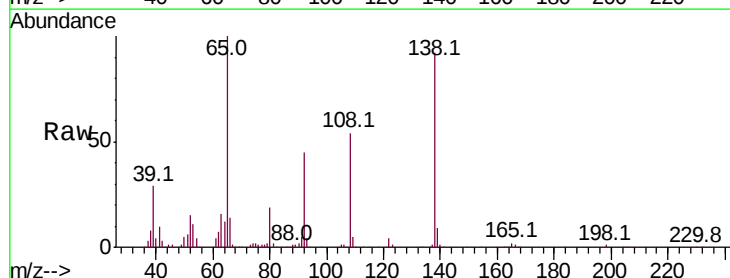
Manual Integrations  
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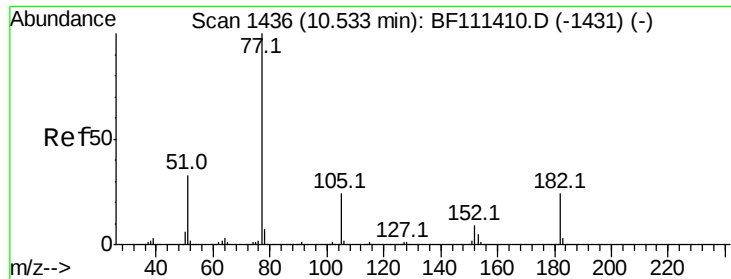
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#62  
 4-Nitroaniline  
 Concen: 64.076 ng  
 RT: 10.41 min Scan# 1415  
 Delta R.T. 0.01 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 647329 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 49.1  | 29.9  | 69.9   |
| 108       | 58.8  | 43.2  | 83.2   |





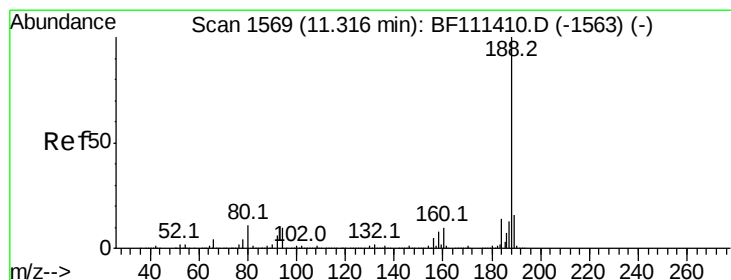
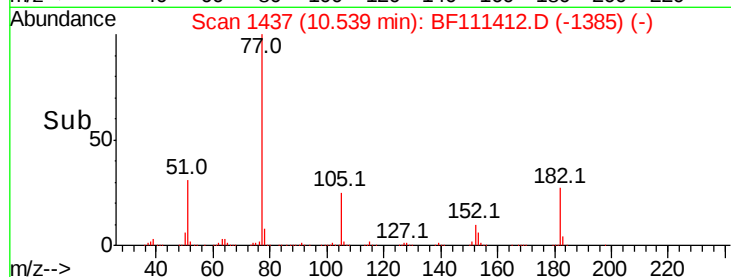
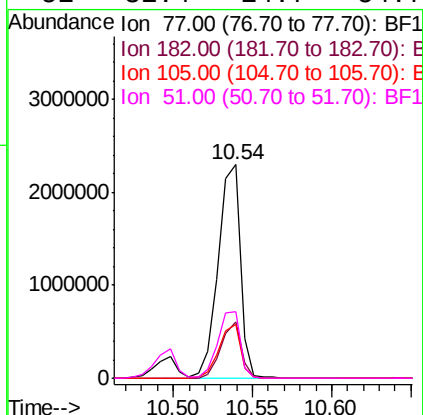
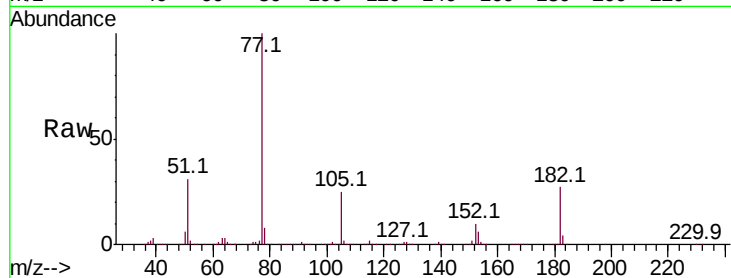
#63  
Azobenzene  
Concen: 55.797 ng  
RT: 10.54 min Scan# 1437  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion: 77 Resp: 2234271  
Ion Ratio Lower Upper  
77 100  
182 26.6 4.9 44.9  
105 25.0 6.0 46.0  
51 31.4 14.7 54.7

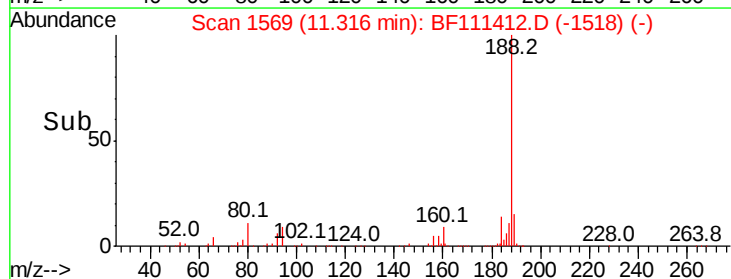
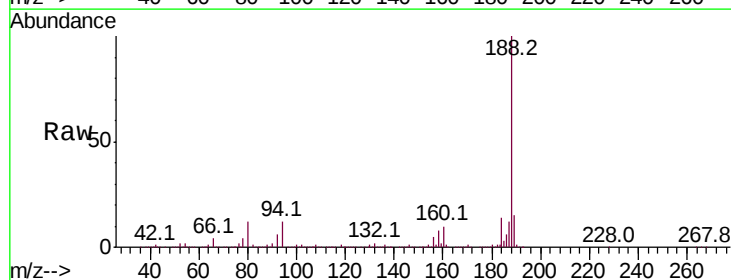
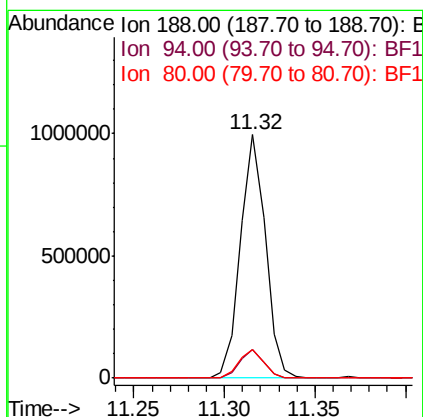
Manual Integrations  
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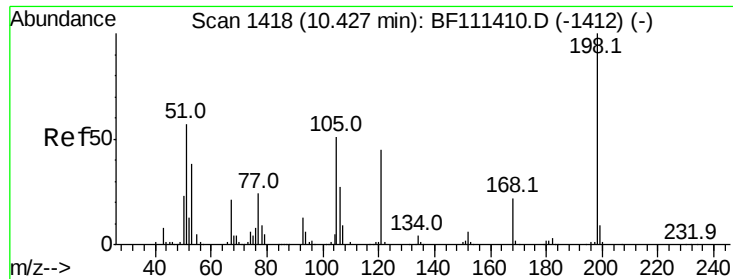
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.32 min Scan# 1569  
Delta R.T. 0.00 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Tgt Ion: 188 Resp: 962058  
Ion Ratio Lower Upper  
188 100  
94 11.7 9.6 14.4  
80 11.7 9.8 14.6





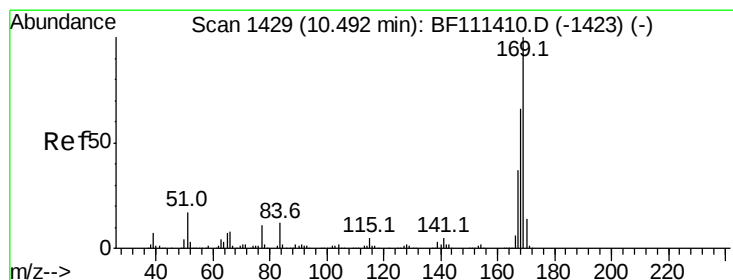
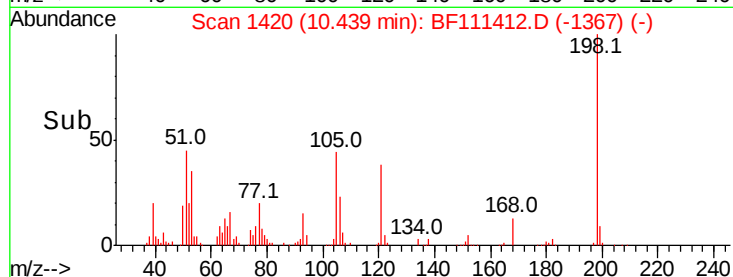
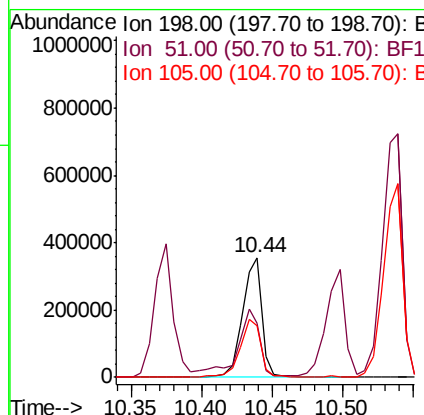
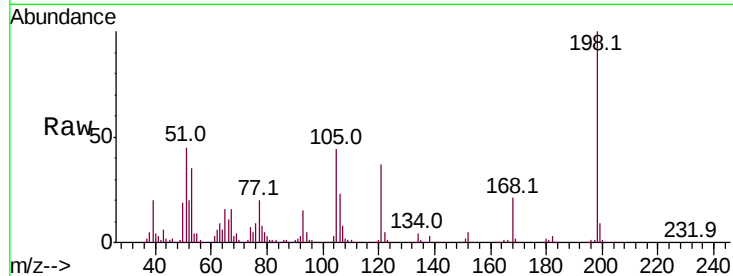
#65  
4,6-Dinitro-2-methylphenol  
Concen: 61.389 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 44.9  | 48.0  | 88.0# |
| 105     | 43.6  | 34.0  | 74.0  |

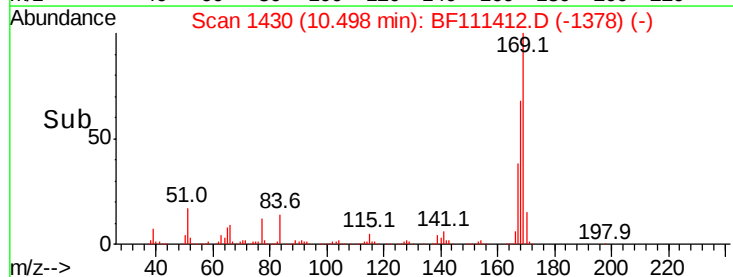
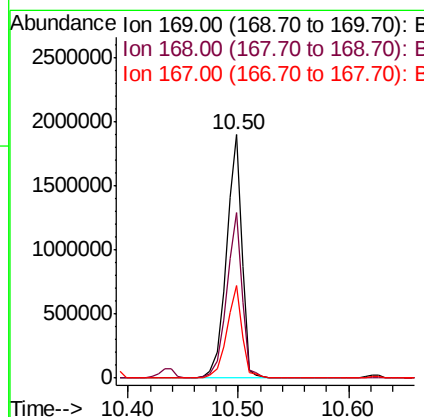
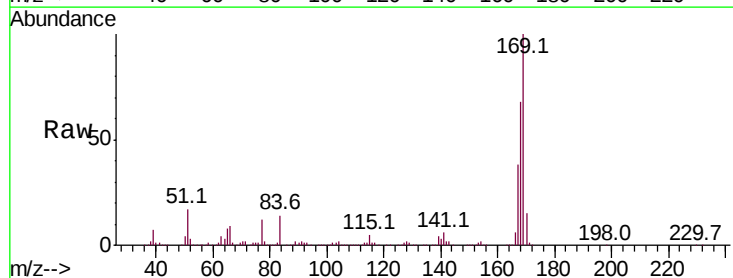
Manual Integrations  
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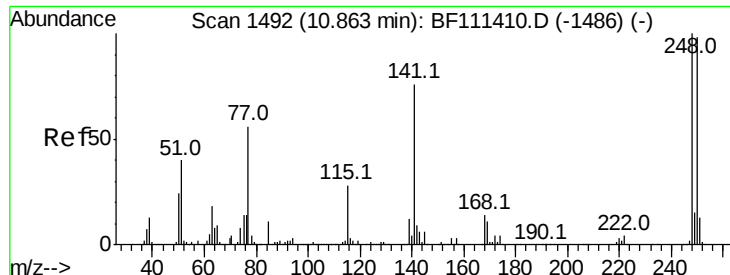
Sohil  
12/17/2018 2:36:13 PM



#66  
n-Nitrosodiphenylamine  
Concen: 54.023 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.8  | 54.4  | 81.6  |
| 167     | 37.9  | 30.5  | 45.7  |





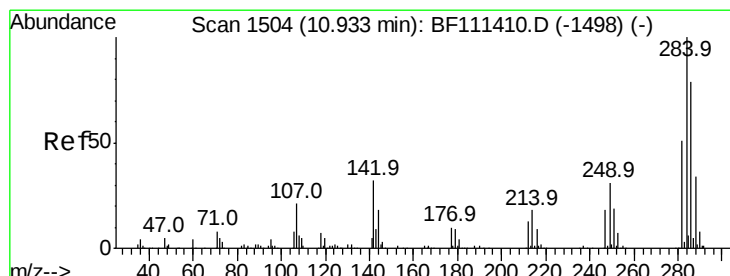
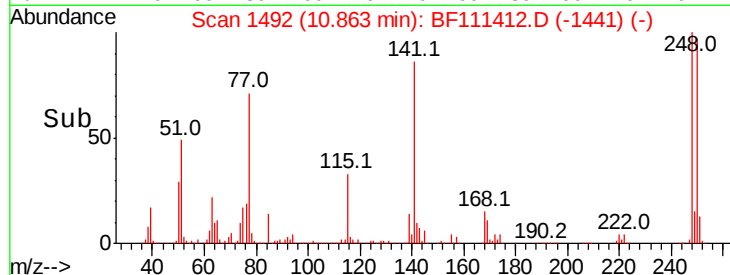
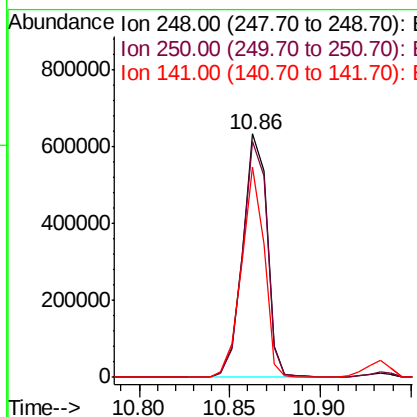
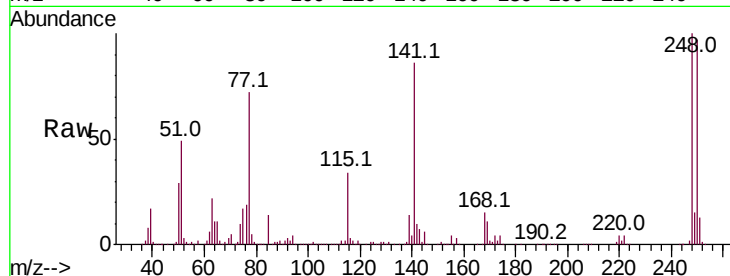
#67  
 4-Bromophenyl-phenylether  
 Concen: 55.278 ng  
 RT: 10.86 min Scan# 1492  
 Delta R.T. 0.00 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.0  | 77.0  | 115.4 |
| 141     | 86.3  | 63.0  | 94.6  |

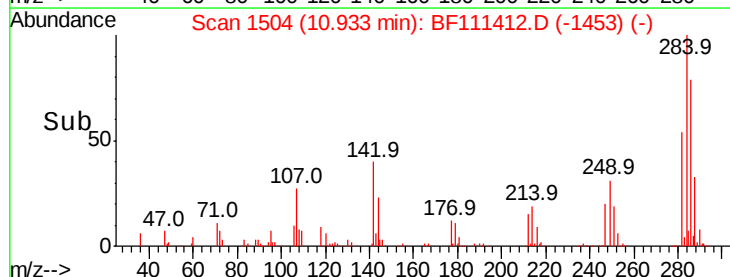
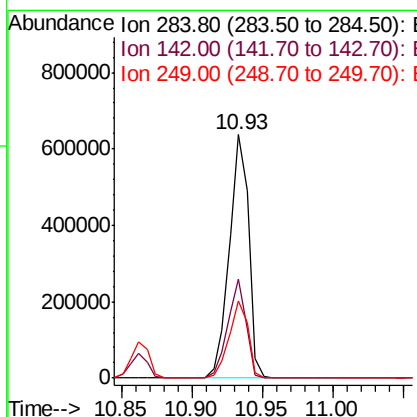
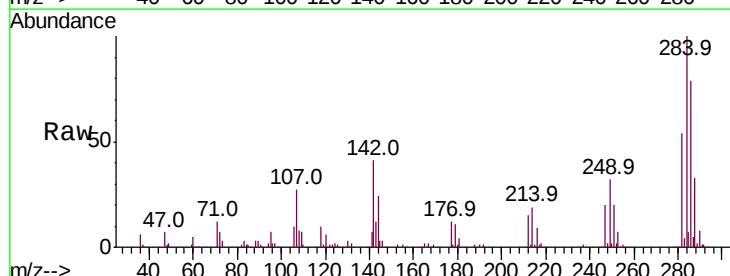
Manual Integrations  
 APPROVED

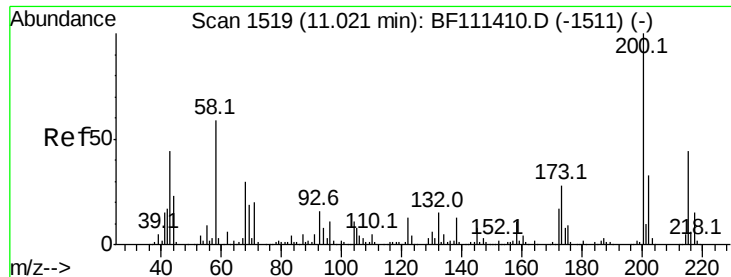
Sohil  
 12/17/2018 2:36:13 PM



#68  
 Hexachlorobenzene  
 Concen: 55.117 ng  
 RT: 10.93 min Scan# 1504  
 Delta R.T. 0.00 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 40.9  | 27.4  | 41.2  |
| 249     | 31.8  | 24.4  | 36.6  |





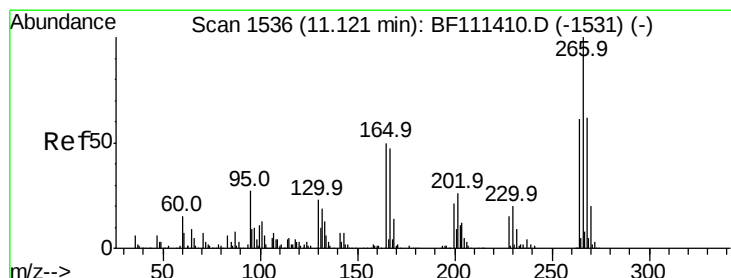
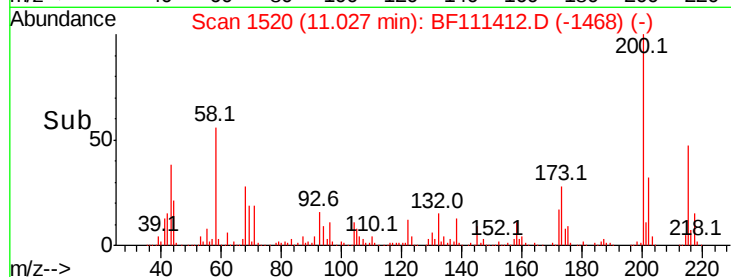
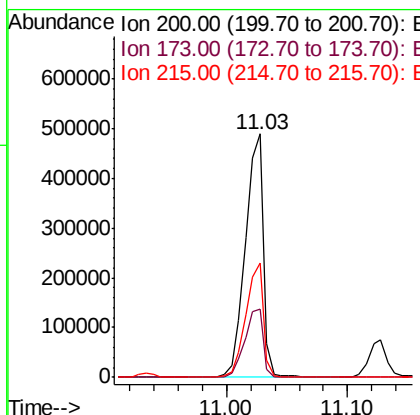
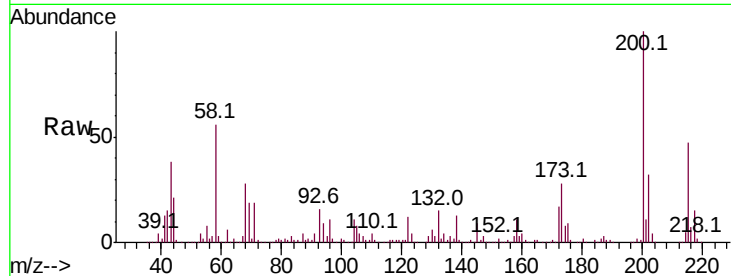
#69  
Atrazine  
Concen: 51.447 ng  
RT: 11.03 min Scan# 1520  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 27.9  | 10.1       | 50.1  |
| 215     | 46.9  | 26.9       | 66.9  |

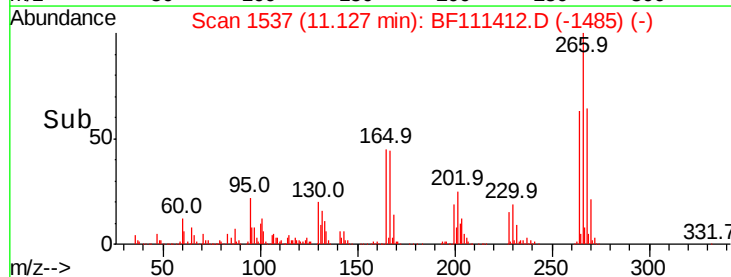
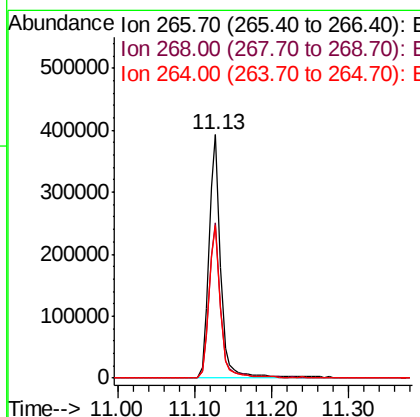
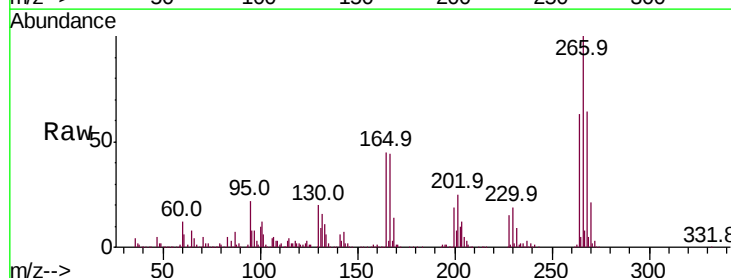
Manual Integrations  
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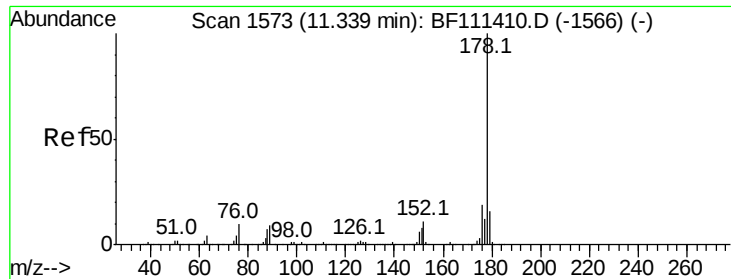
Sohil  
12/17/2018 2:36:13 PM



#70  
Pentachlorophenol  
Concen: 56.168 ng  
RT: 11.13 min Scan# 1537  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.6  | 47.9       | 71.9  |
| 264     | 63.0  | 49.1       | 73.7  |





#71

Phenanthrene

Concen: 53.374 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:178 Resp: 2654124

Ion Ratio Lower Upper

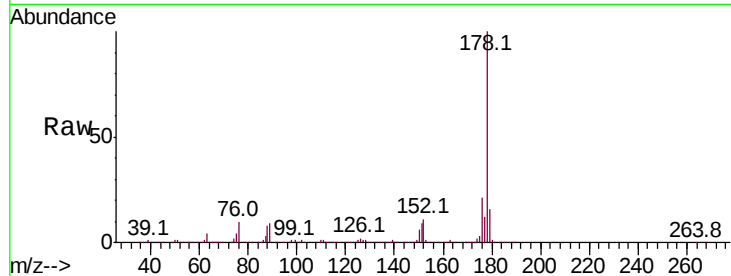
178 100

176 21.3 18.1 27.1

179 16.3 14.0 21.0

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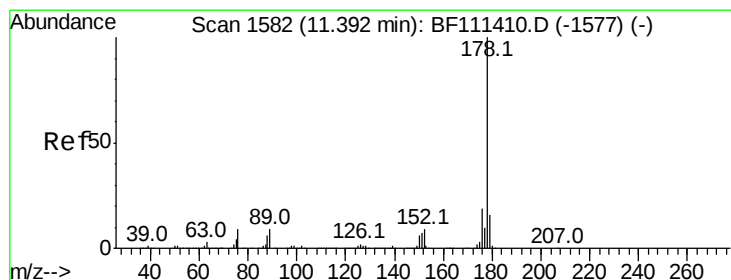
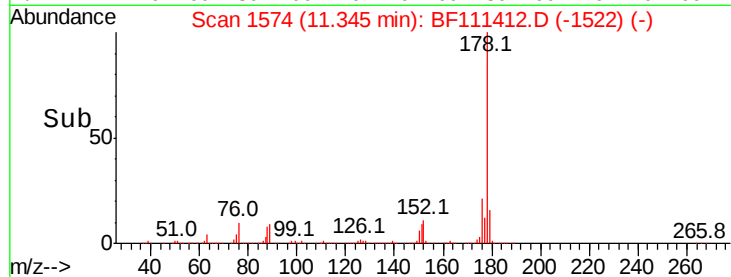
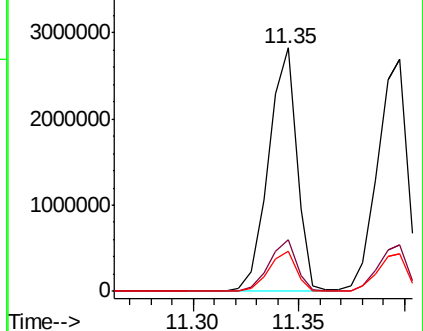
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12/17/2018 2:36:13 PM



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: 53.541 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Tgt Ion:178 Resp: 2710978

Ion Ratio Lower Upper

178 100

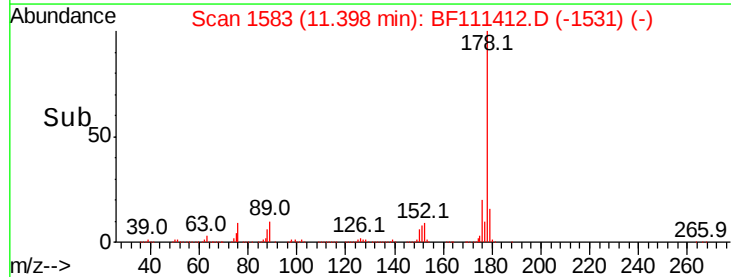
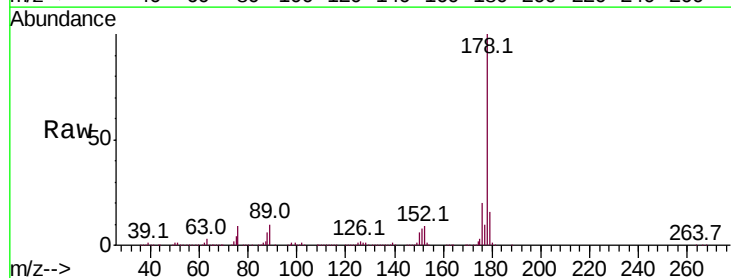
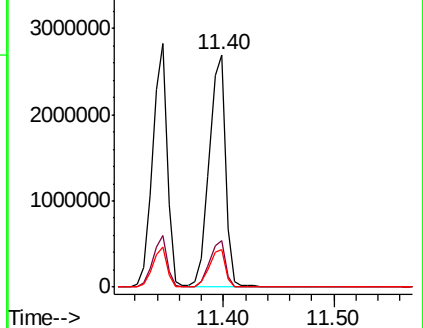
176 20.1 17.2 25.8

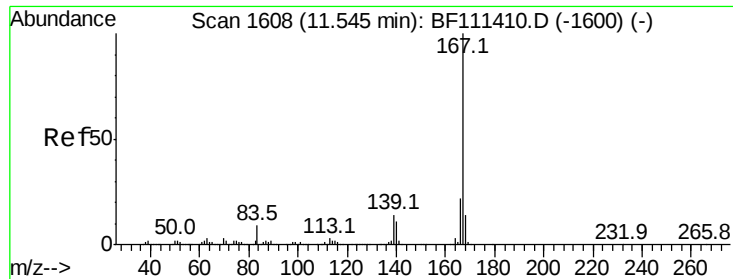
179 16.2 13.8 20.8

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: 52.222 ng  
 RT: 11.55 min Scan# 1609  
 Delta R.T. 0.01 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

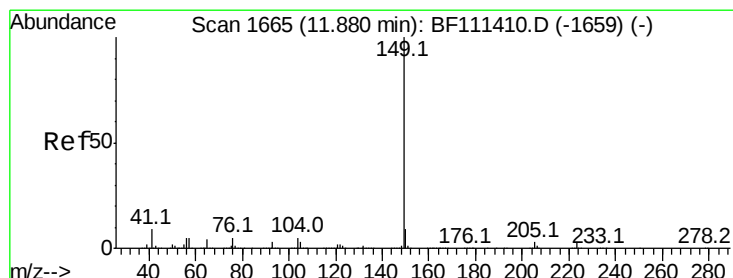
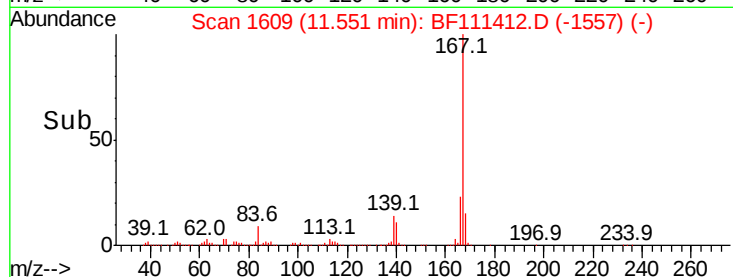
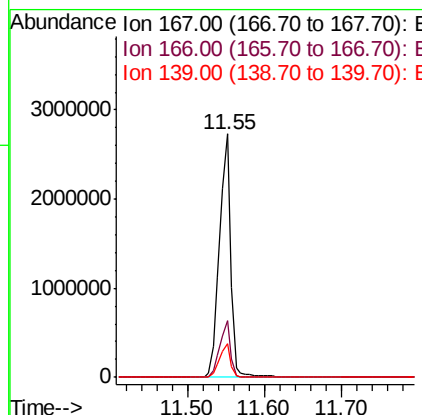
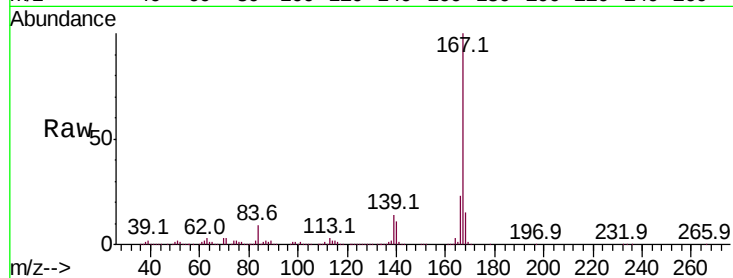
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:167 Resp: 2734054  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.2  | 19.3  | 28.9  |
| 139 | 14.0  | 11.9  | 17.9  |

Manual Integrations  
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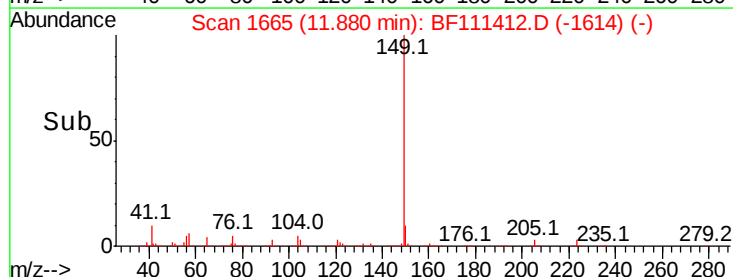
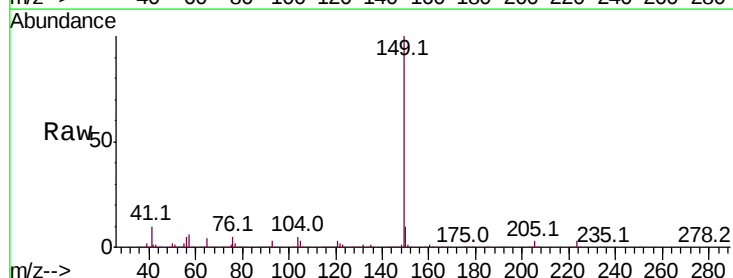
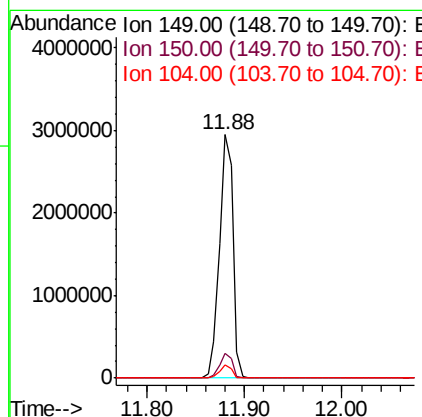
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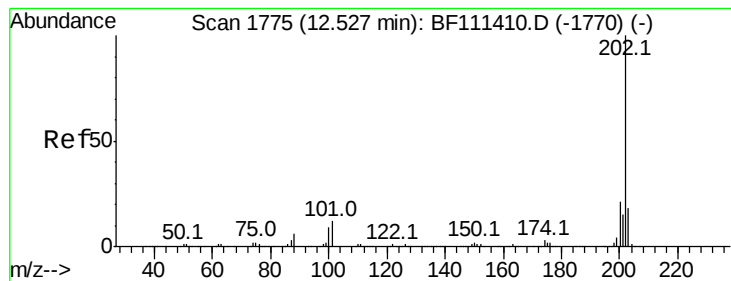


#74  
 Di-n-butylphthalate  
 Concen: 47.654 ng  
 RT: 11.88 min Scan# 1665  
 Delta R.T. 0.00 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

Tgt Ion:149 Resp: 2840695  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.2  | 8.8   | 13.2  |
| 104 | 5.3   | 4.5   | 6.7   |





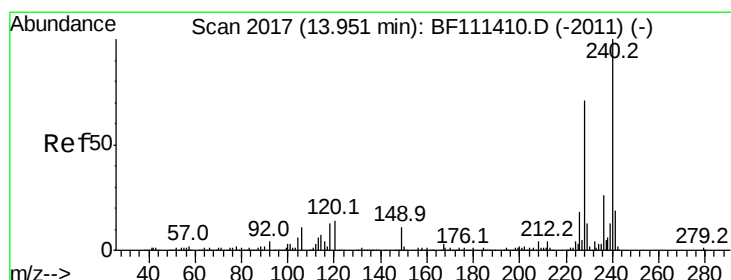
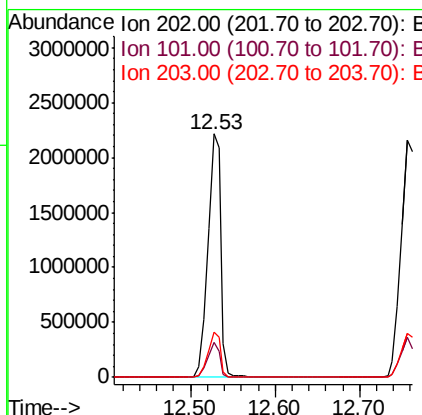
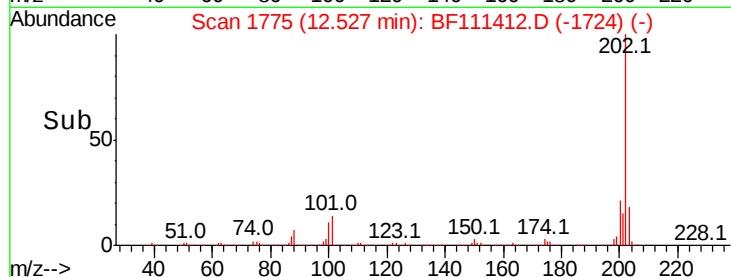
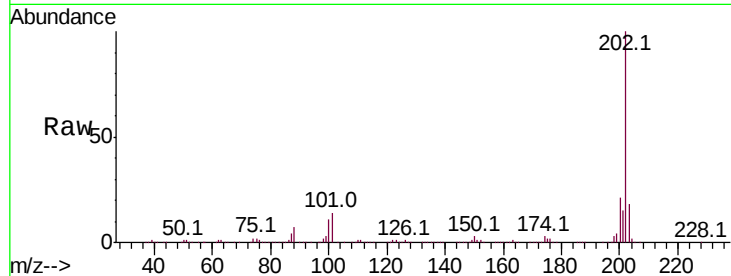
#75  
 Fluoranthene  
 Concen: 48.825 ng  
 RT: 12.53 min Scan# 1775  
 Delta R.T. 0.00 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 14.2  | 0.0   | 33.8  |
| 203     | 18.4  | 0.0   | 38.6  |

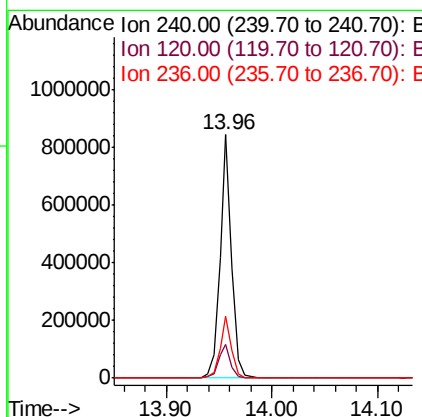
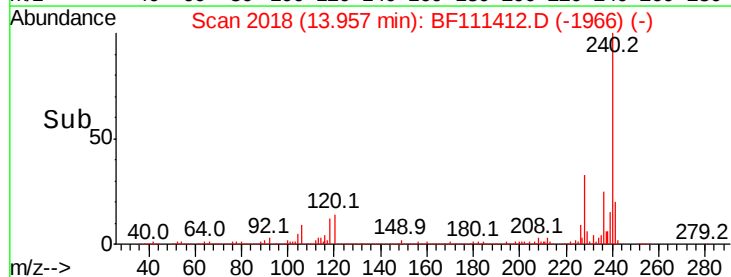
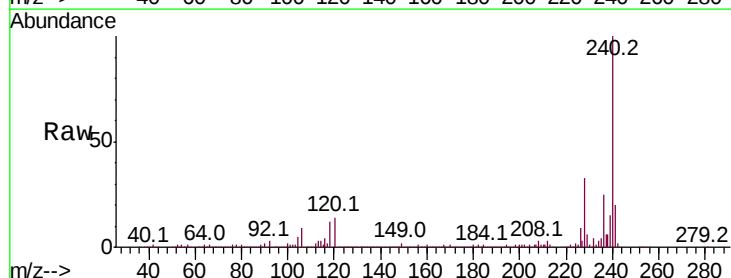
Manual Integrations  
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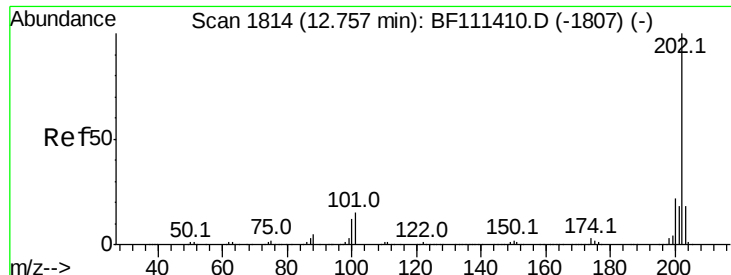
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 12/17/2018 2:36:13 PM



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.96 min Scan# 2018  
 Delta R.T. 0.01 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.8  | 12.2  | 18.2  |
| 236     | 25.4  | 20.2  | 30.2  |





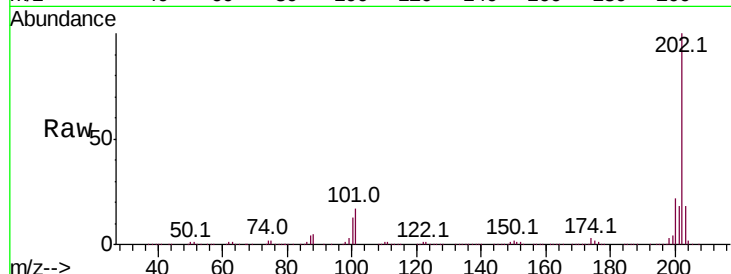
#78  
Pvrene  
Concen: 47.763 ng  
RT: 12.76 min Scan# 1814  
Delta R.T. 0.00 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.4  | 19.0  | 28.4  |
| 203     | 18.4  | 15.2  | 22.8  |

Manual Integrations  
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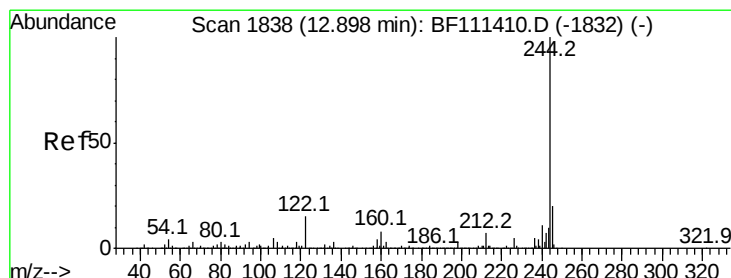
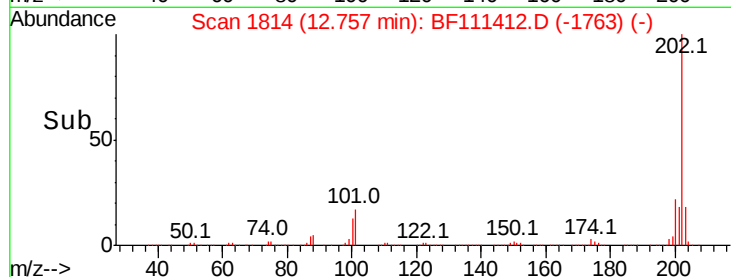
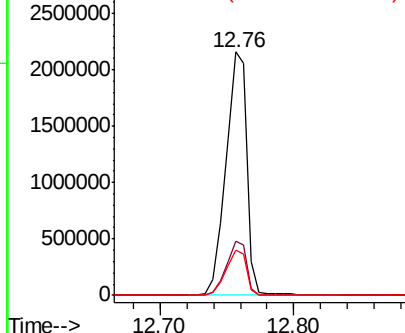


Abundance

Ion 202.00 (201.70 to 202.70): E

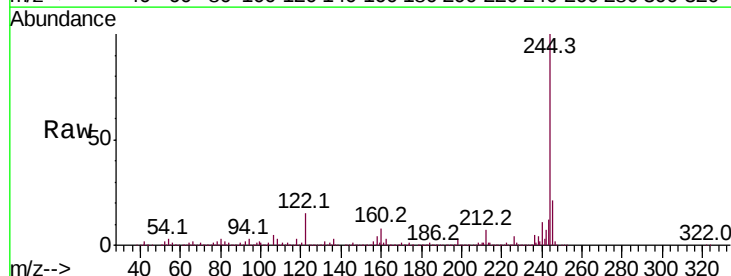
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79  
Terphenyl-d14  
Concen: 98.674 ng  
RT: 12.90 min Scan# 1839  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 5.7   | 8.5   |
| 122     | 15.0  | 13.1  | 19.7  |

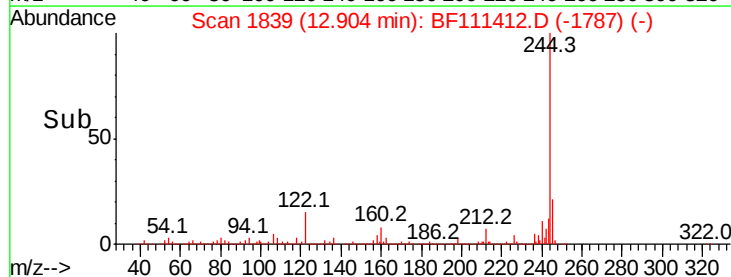
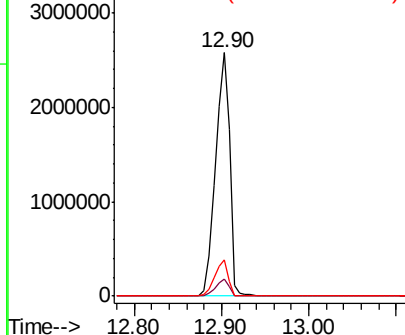


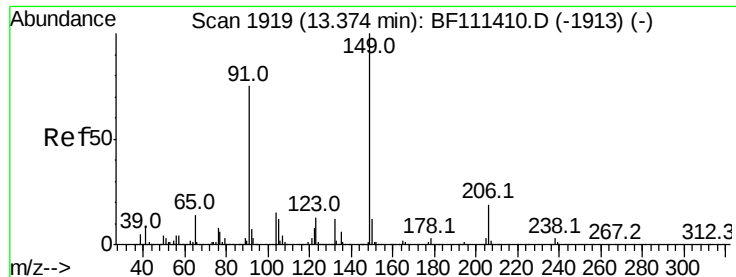
Abundance

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





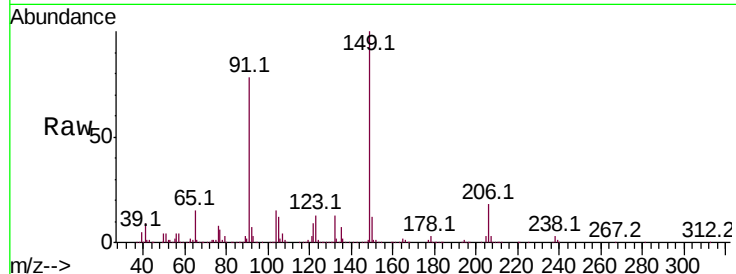
#80  
Butylbenzylphthalate  
Concen: 55.252 ng  
RT: 13.37 min Scan# 1919  
Delta R.T. 0.00 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 77.5  | 63.8  | 95.6  |
| 206     | 17.9  | 15.1  | 22.7  |

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12/17/2018 2:36:13 PM

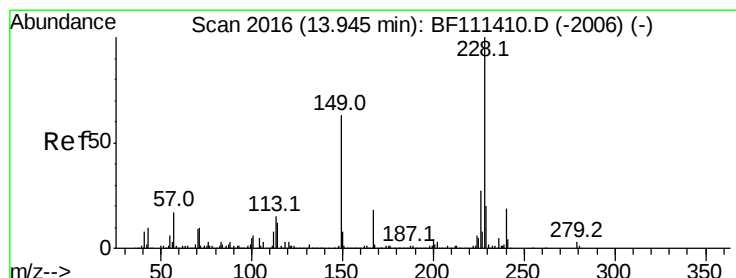
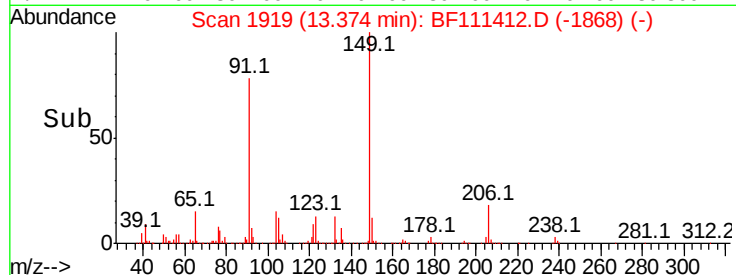
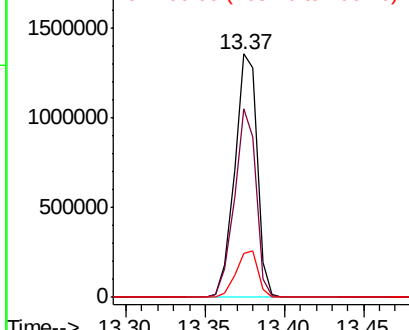


Abundance

Ion 149.00 (148.70 to 149.70): E

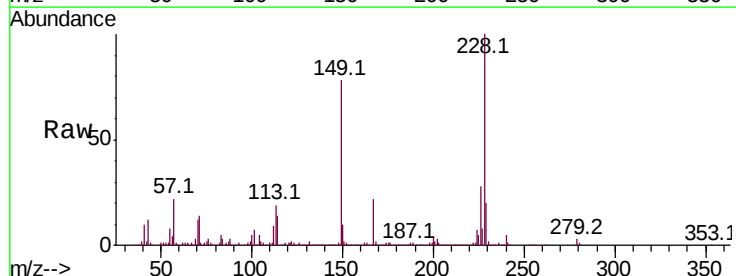
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#81  
Benzo(a)anthracene  
Concen: 54.238 ng  
RT: 13.94 min Scan# 2016  
Delta R.T. 0.00 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.6  | 22.6  | 34.0  |
| 229     | 20.0  | 16.3  | 24.5  |

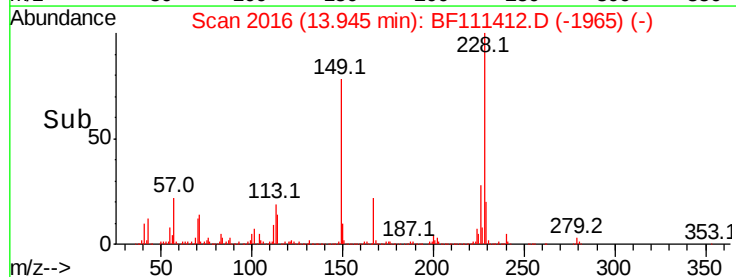
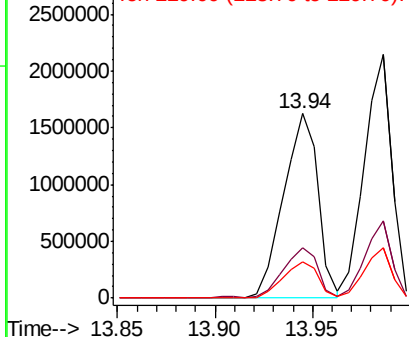


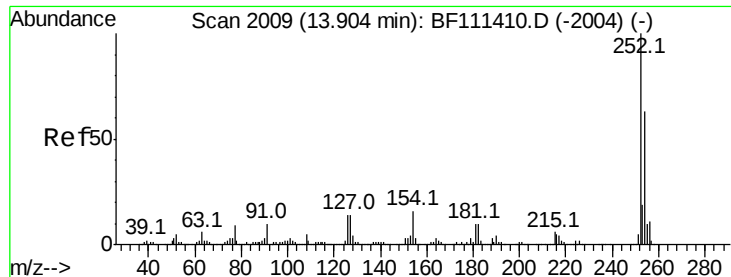
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





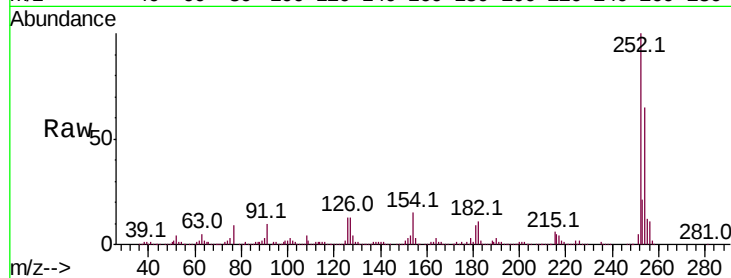
#82  
 3,3'-Dichlorobenzidine  
 Concen: 58.602 ng  
 RT: 13.91 min Scan# 2010  
 Delta R.T. 0.01 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.9  | 52.7  | 79.1  |
| 126     | 13.4  | 11.1  | 16.7  |

Manual Integrations  
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 12/17/2018 2:36:13 PM

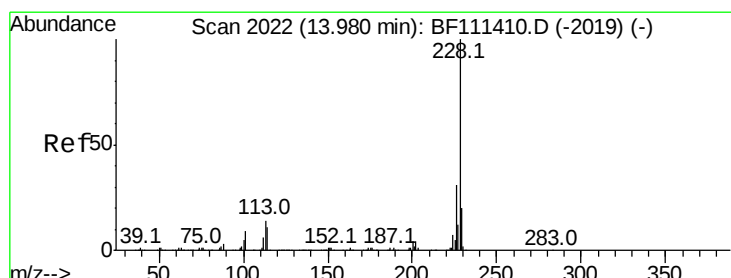
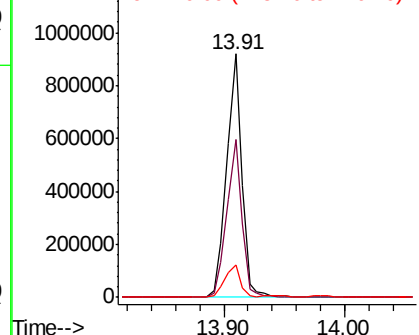
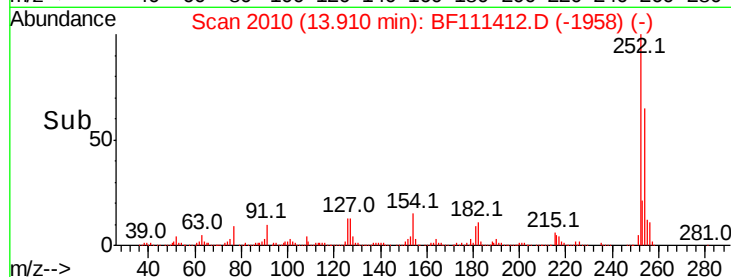


Abundance

Ion 252.00 (251.70 to 252.70): E

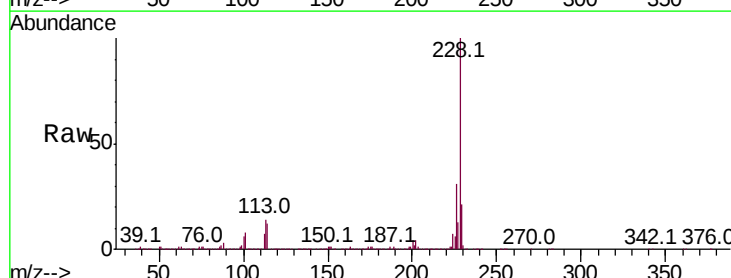
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83  
 Chrysene  
 Concen: 57.421 ng  
 RT: 13.99 min Scan# 2023  
 Delta R.T. 0.01 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.5  | 25.3  | 37.9  |
| 229     | 20.8  | 17.2  | 25.8  |

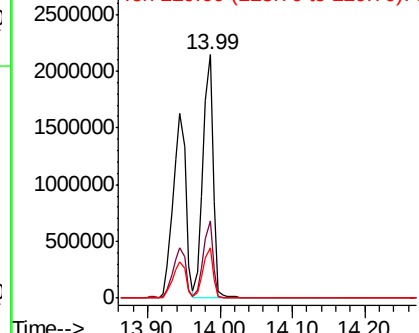
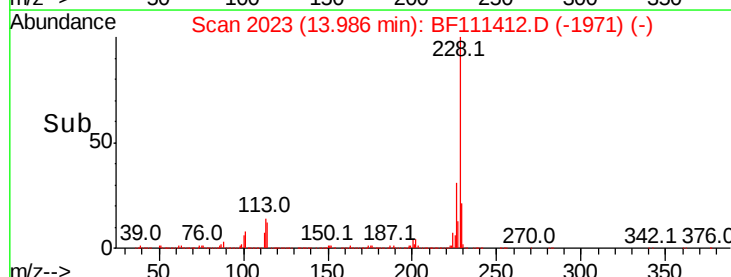


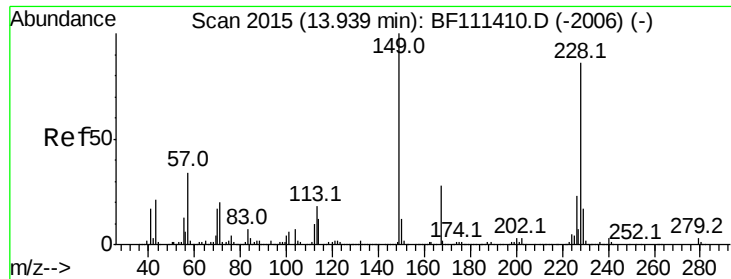
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





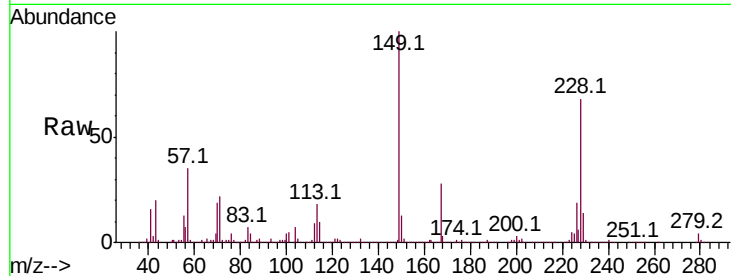
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 54.645 ng  
 RT: 13.94 min Scan# 2015  
 Delta R.T. 0.00 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

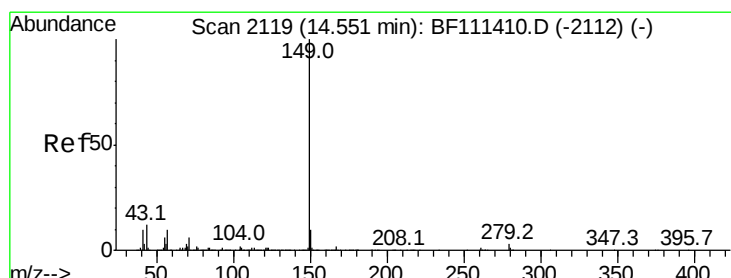
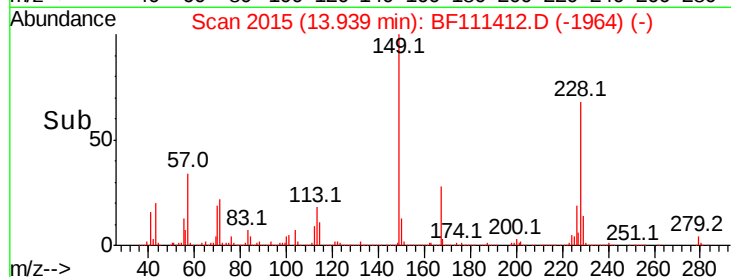
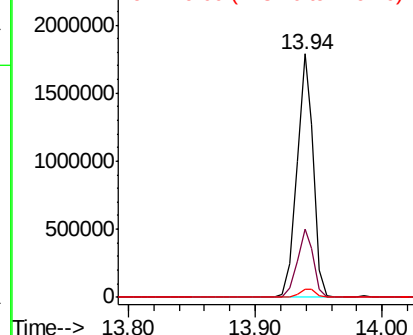
Tot Ion:149 Resp: 1611640  
 Ion Ratio Lower Upper  
 149 100  
 167 27.9 22.5 33.7  
 279 3.5 2.6 4.0

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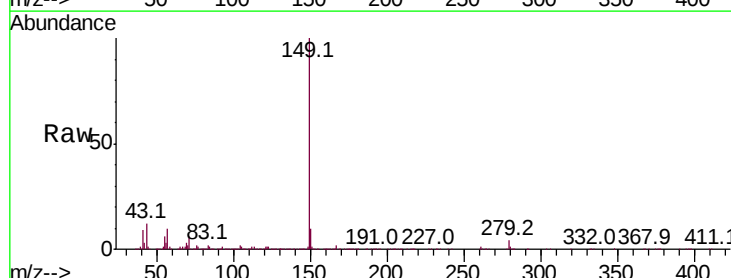


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

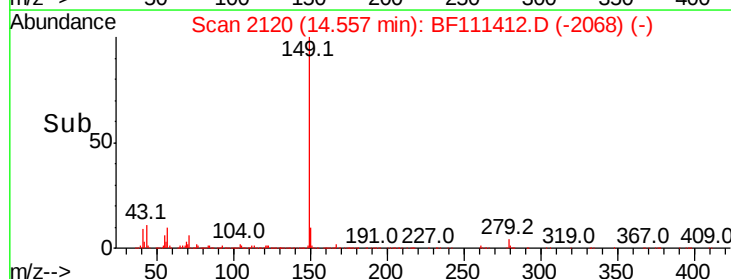
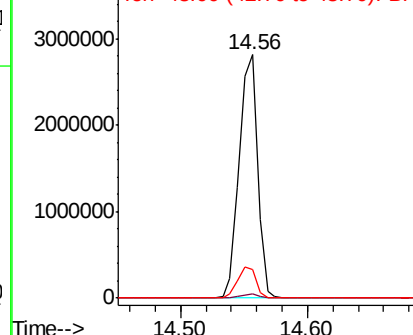


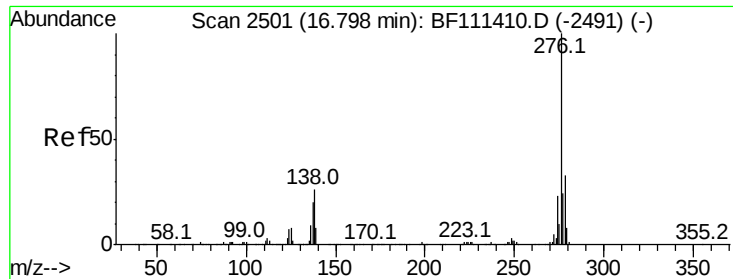
#85  
 Di-n-octyl phthalate  
 Concen: 57.971 ng  
 RT: 14.56 min Scan# 2120  
 Delta R.T. 0.01 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

Tgt Ion:149 Resp: 2807348  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 12.8 10.9 16.3



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





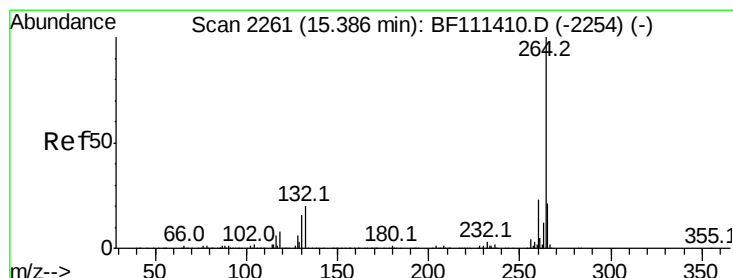
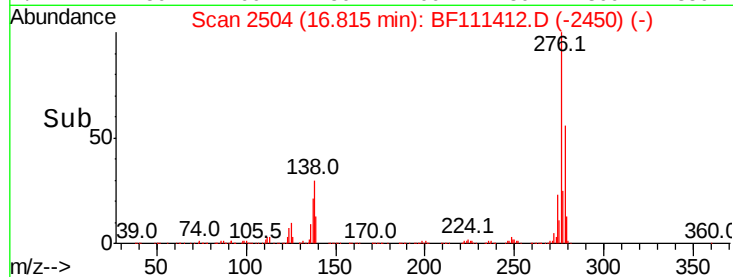
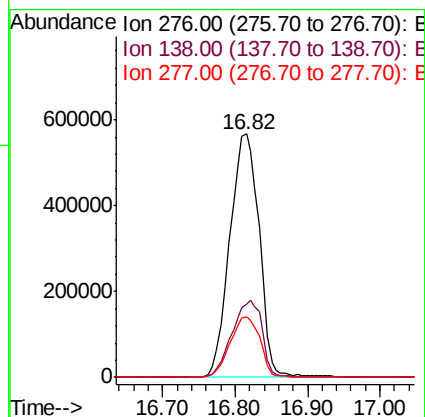
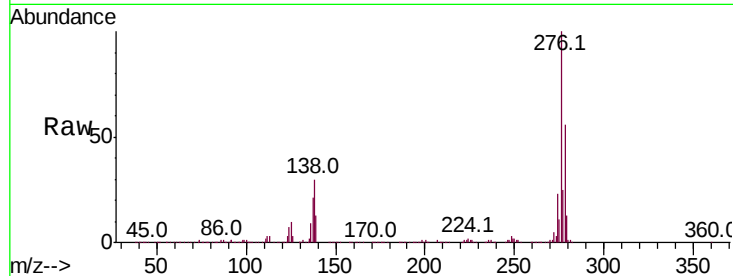
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 55.043 ng  
 RT: 16.82 min Scan# 2504  
 Delta R.T. 0.02 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.4  | 27.8  | 41.6  |
| 277     | 25.3  | 20.1  | 30.1  |

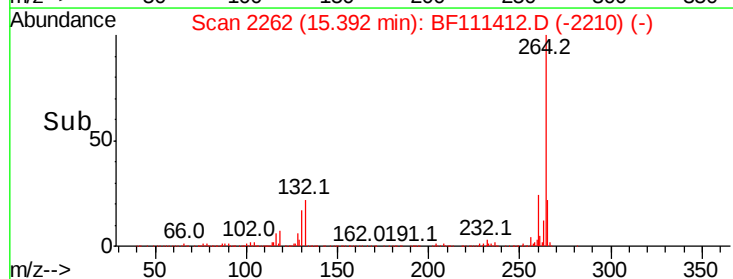
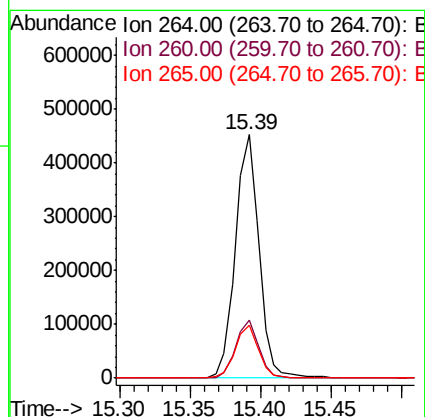
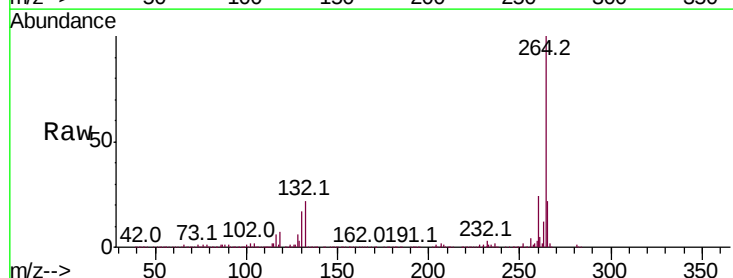
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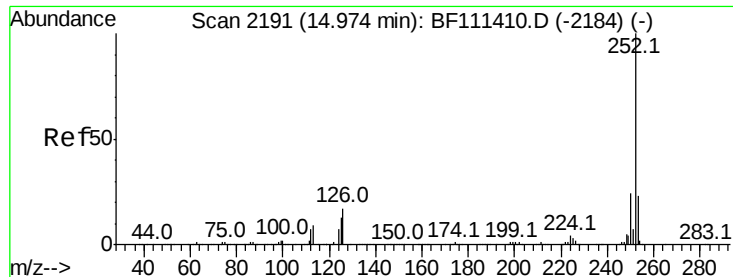
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#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.39 min Scan# 2262  
 Delta R.T. 0.01 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 18.3  | 27.5  |
| 265     | 21.6  | 17.7  | 26.5  |





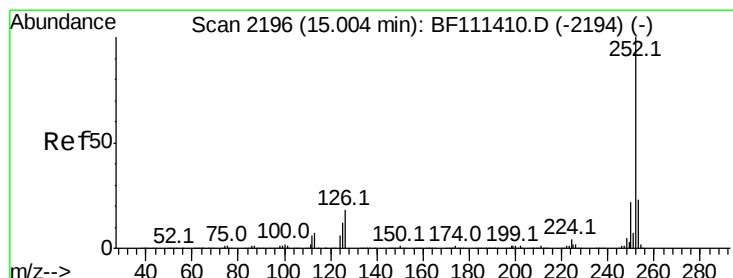
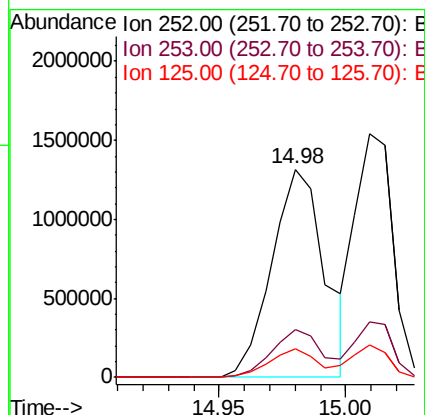
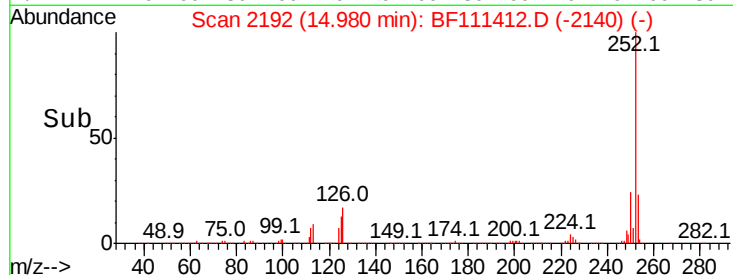
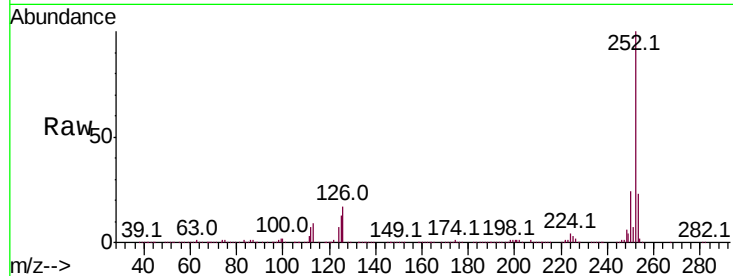
#88  
Benzo(b)fluoranthene  
Concen: 63.379 ng  
RT: 14.98 min Scan# 2192  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.2  | 27.2  |
| 125     | 13.5  | 10.4  | 15.6  |

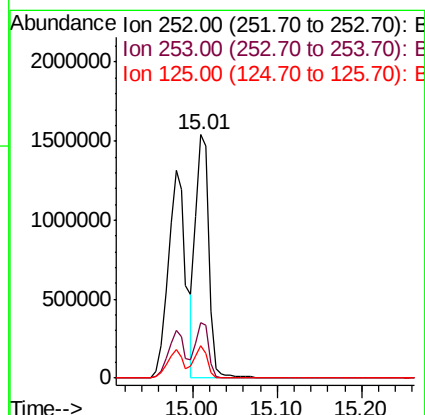
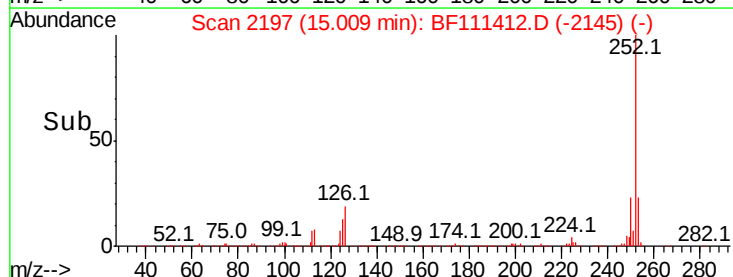
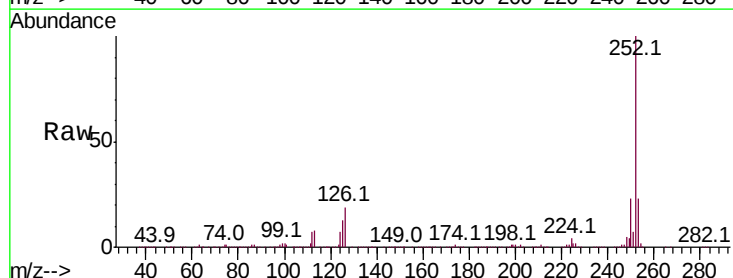
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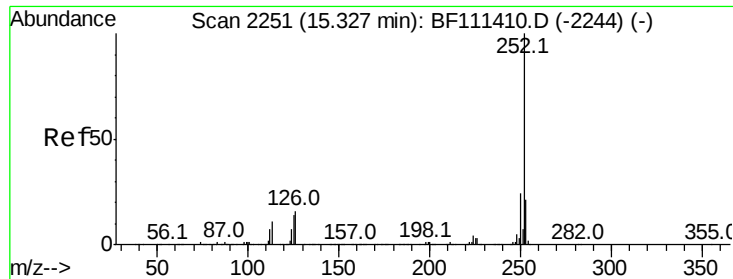
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#89  
Benzo(k)fluoranthene  
Concen: 54.550 ng  
RT: 15.01 min Scan# 2197  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.1  | 27.1  |
| 125     | 13.5  | 9.8   | 14.8  |





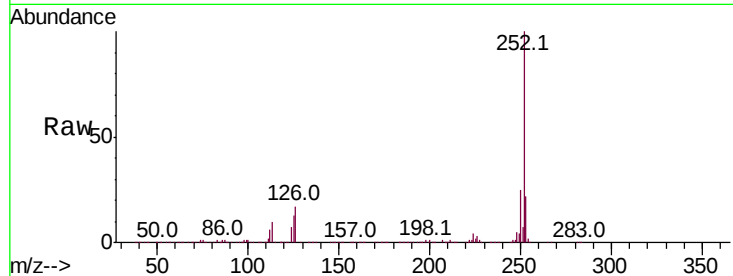
#90  
Benzo(a)pyrene  
Concen: 58.481 ng  
RT: 15.34 min Scan# 2253  
Delta R.T. 0.01 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

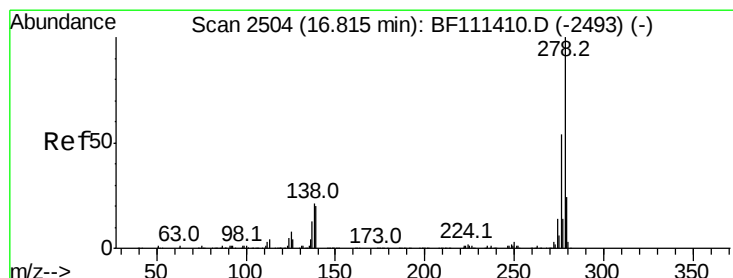
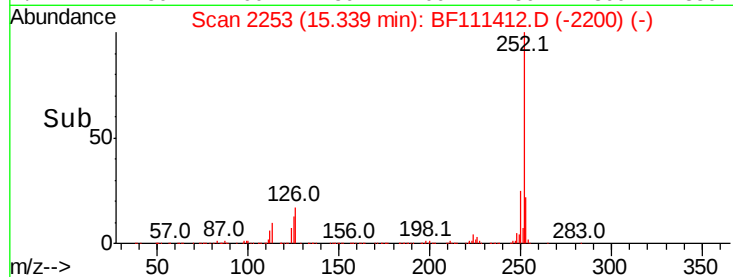
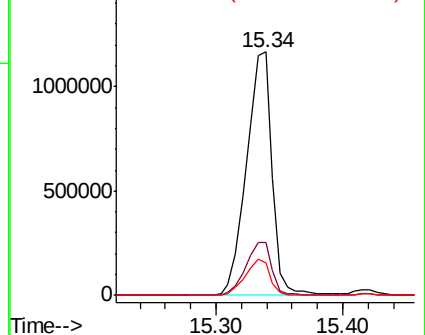
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 252   | Resp: | 1642054 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 22.0  | 17.8  | 26.8    |
| 125      | 13.1  | 12.3  | 18.5    |

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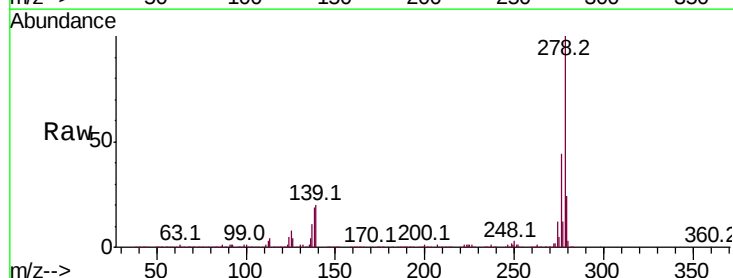


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

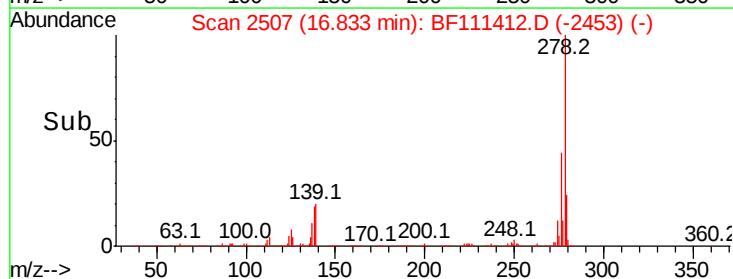
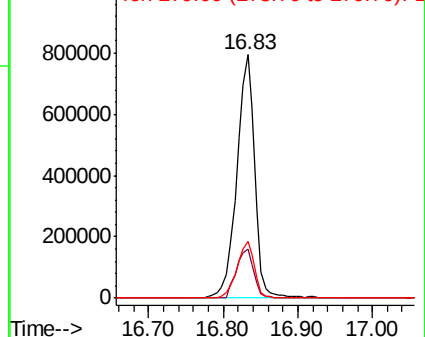


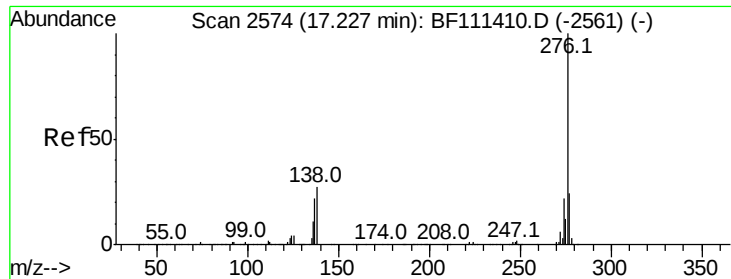
#91  
Dibenzo(a,h)anthracene  
Concen: 56.990 ng  
RT: 16.83 min Scan# 2507  
Delta R.T. 0.02 min  
Lab File: BF111412.D  
Acq: 14 Dec 2018 12:01

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 278   | Resp: | 1331333 |
| Ion      | Ratio | Lower | Upper   |
| 278      | 100   |       |         |
| 139      | 20.2  | 18.2  | 27.4    |
| 279      | 23.5  | 19.0  | 28.6    |



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





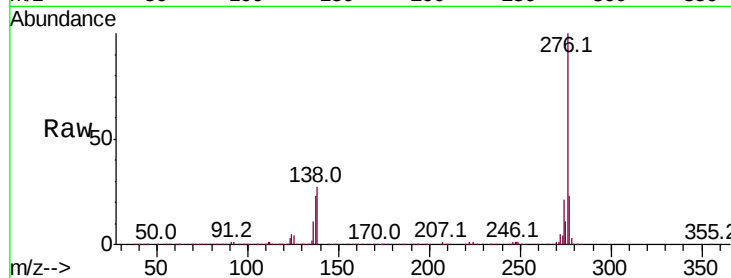
#92  
 Benzo(a,h,i)perylene  
 Concen: 58.027 ng  
 RT: 17.24 min Scan# 2577  
 Delta R.T. 0.02 min  
 Lab File: BF111412.D  
 Acq: 14 Dec 2018 12:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.0  | 19.2  | 28.8  |
| 138     | 27.3  | 24.9  | 37.3  |

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Abundance

Ion 276.00 (275.70 to 276.70): E

800000

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

