

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\  
 Data File : BG038487.D  
 Acq On : 12 Dec 2018 2:31  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

Sohil  
 12/12/2018 5:38:47 PM

Quant Time: Dec 12 04:29:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 04 17:15:40 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 28022    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.89 | 136  | 124362   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 83573    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.45 | 188  | 196913   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.74 | 240  | 190259   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.04 | 264  | 203926   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 126672 | 80.00 | ng | 0.00 |
| 7) Phenol-d6             | 7.22  | 99  | 186172 | 81.35 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.25  | 82  | 193324 | 77.18 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.20 | 330 | 89019  | 86.77 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.32 | 172 | 469709 | 80.09 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.06 | 244 | 688446 | 77.52 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88  | 25026  | 34.483 | ng | # 88   |
| 3) Pyridine                    | 3.90  | 79  | 74214  | 34.181 | ng | # 88   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 38466  | 40.446 | ng | # 76   |
| 6) Aniline                     | 7.39  | 93  | 114011 | 39.003 | ng | # 98   |
| 8) 2-Chlorophenol              | 7.63  | 128 | 75934  | 41.290 | ng | # 99   |
| 9) Benzaldehyde                | 7.21  | 77  | 54749  | 37.778 | ng | # 98   |
| 10) Phenol                     | 7.25  | 94  | 96225  | 39.793 | ng | # 91   |
| 11) bis(2-Chloroethyl)ether    | 7.49  | 93  | 76002  | 38.377 | ng | # 98   |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 85067  | 39.577 | ng | # 94   |
| 13) 1,4-Dichlorobenzene        | 8.11  | 146 | 86762  | 39.013 | ng | # 99   |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 81800  | 39.930 | ng | # 99   |
| 15) Benzyl Alcohol             | 8.31  | 79  | 72249  | 38.398 | ng | # 93   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 169841 | 37.704 | ng | # 95   |
| 17) 2-Methylphenol             | 8.51  | 107 | 68230  | 40.350 | ng | # 94   |
| 18) Hexachloroethane           | 9.15  | 117 | 32055  | 39.936 | ng | # 98   |
| 19) n-Nitroso-di-n-propylamine | 8.88  | 70  | 64853  | 38.702 | ng | # 88   |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 95873  | 39.355 | ng | # 96   |
| 22) Acetophenone               | 8.90  | 105 | 121695 | 40.577 | ng | # 94   |
| 24) Nitrobenzene               | 9.29  | 77  | 98002  | 38.509 | ng | # 98   |
| 25) Isophorone                 | 9.80  | 82  | 163188 | 37.071 | ng | # 98   |
| 26) 2-Nitrophenol              | 10.00 | 139 | 51133  | 43.363 | ng | # 93   |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 73076  | 43.146 | ng | # 99   |
| 28) bis(2-Chloroethoxy)methane | 10.29 | 93  | 98922  | 39.200 | ng | # 96   |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 87249  | 45.128 | ng | # 94   |
| 30) 1,2,4-Trichlorobenzene     | 10.74 | 180 | 94529  | 41.651 | ng | # 97   |
| 31) Naphthalene                | 10.94 | 128 | 240656 | 40.511 | ng | # 99   |
| 32) Benzoic acid               | 10.18 | 122 | 30412m | 27.543 | ng | # 95   |
| 33) 4-Chloroaniline            | 11.05 | 127 | 112126 | 42.637 | ng | # 96   |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 61991  | 43.660 | ng | # 95   |
| 35) Caprolactam                | 11.85 | 113 | 32652  | 40.840 | ng | # 91   |
| 36) 4-Chloro-3-methylphenol    | 12.16 | 107 | 95582  | 44.496 | ng | # 98   |
| 37) 2-Methylnaphthalene        | 12.54 | 142 | 178545 | 42.204 | ng | # 96   |
| 38) 1-Methylnaphthalene        | 12.76 | 142 | 172700 | 42.623 | ng | # 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 119775 | 41.650 | ng | # 99   |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

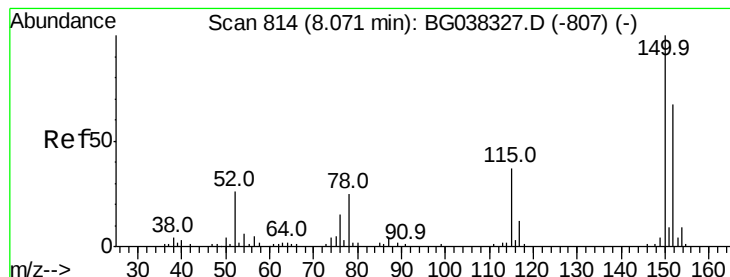
Sohil  
 12/12/2018 5:38:47 PM

Quant Time: Dec 12 04:29:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 04 17:15:40 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 53898    | 34.105 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.14 | 196  | 77695    | 41.707 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.22 | 196  | 82938    | 42.026 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 13.54 | 154  | 271477   | 38.429 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.59 | 162  | 208990   | 39.205 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.80 | 65   | 71034    | 39.719 | nq    | 97       |
| 49) Acenaphthylene             | 14.43 | 152  | 315163   | 39.256 | nq    | 100      |
| 50) Dimethylphthalate          | 14.16 | 163  | 264089   | 39.397 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.29 | 165  | 60411    | 39.453 | nq    | 91       |
| 52) Acenaphthene               | 14.77 | 154  | 190145   | 38.850 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.62 | 138  | 63765    | 38.666 | nq #  | 94       |
| 54) 2,4-Dinitrophenol          | 14.83 | 184  | 7410     | 8.828  | nq #  | 83       |
| 55) Dibenzofuran               | 15.10 | 168  | 324429   | 40.095 | nq    | 97       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 39797    | 30.549 | nq #  | 77       |
| 57) 2,4-Dinitrotoluene         | 15.07 | 165  | 84353    | 39.941 | nq #  | 94       |
| 58) Fluorene                   | 15.75 | 166  | 240791   | 40.393 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 70972    | 41.407 | nq    | 99       |
| 60) Diethylphthalate           | 15.51 | 149  | 281250   | 37.871 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 150642   | 42.071 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.78 | 138  | 63889    | 39.389 | nq #  | 79       |
| 63) Azobenzene                 | 16.03 | 77   | 245799   | 37.819 | nq    | 92       |
| 65) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 29127    | 22.576 | nq    | 92       |
| 66) n-Nitrosodiphenylamine     | 15.96 | 169  | 236941   | 42.790 | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.63 | 248  | 96655    | 45.454 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.75 | 284  | 100191   | 45.679 | nq    | 96       |
| 69) Atrazine                   | 16.90 | 200  | 88701    | 42.930 | nq    | 98       |
| 70) Pentachlorophenol          | 17.10 | 266  | 40592    | 27.020 | nq    | 95       |
| 71) Phenanthrene               | 17.49 | 178  | 406986   | 41.271 | nq    | 98       |
| 72) Anthracene                 | 17.59 | 178  | 404450   | 42.352 | nq    | 99       |
| 73) Carbazole                  | 17.86 | 167  | 392293   | 41.389 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.39 | 149  | 450295   | 40.667 | nq    | 98       |
| 75) Fluoranthene               | 19.50 | 202  | 483663   | 41.980 | nq    | 96       |
| 77) Benzidine                  | 19.69 | 184  | 240290   | 37.427 | nq    | 99       |
| 78) Pyrene                     | 19.87 | 202  | 490849   | 36.873 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.73 | 149  | 200748   | 37.494 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.71 | 228  | 455396   | 38.944 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.63 | 252  | 184774   | 40.620 | nq #  | 99       |
| 83) Chrysene                   | 21.78 | 228  | 435347   | 39.342 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 281812   | 37.135 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.81 | 149  | 471679   | 36.248 | nq    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.83 | 276  | 511994   | 40.712 | nq #  | 91       |
| 88) Benzo(b)fluoranthene       | 23.98 | 252  | 446203   | 38.724 | nq #  | 97       |
| 89) Benzo(k)fluoranthene       | 24.05 | 252  | 448071   | 39.044 | nq #  | 97       |
| 90) Benzo(a)pyrene             | 24.89 | 252  | 437984   | 39.187 | nq #  | 96       |
| 91) Dibenzo(a,h)anthracene     | 28.90 | 278  | 420742   | 39.691 | nq #  | 95       |
| 92) Benzo(g,h,i)perylene       | 30.03 | 276  | 421567   | 40.084 | nq #  | 93       |

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





#1

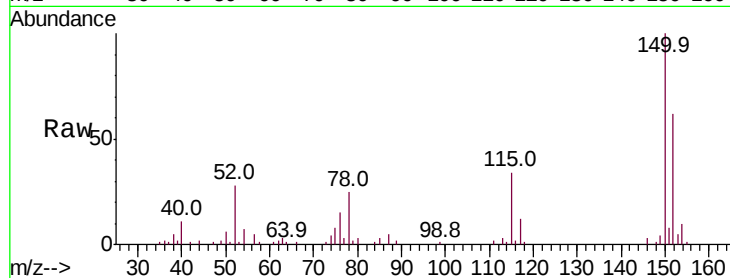
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.07 min Scan# 814  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.4 | 126.0 | 189.0 |
| 115     | 54.2  | 45.5  | 68.3  |

Manual Integrations  
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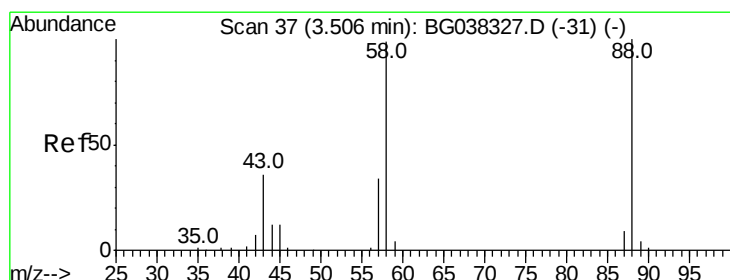
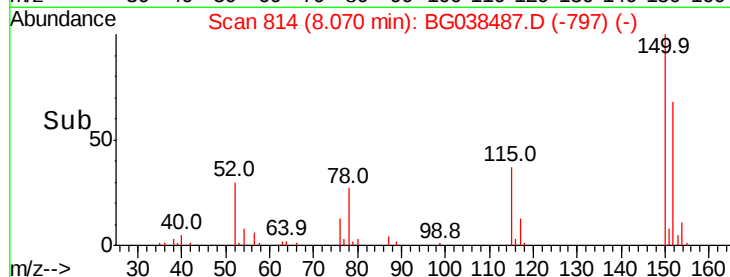
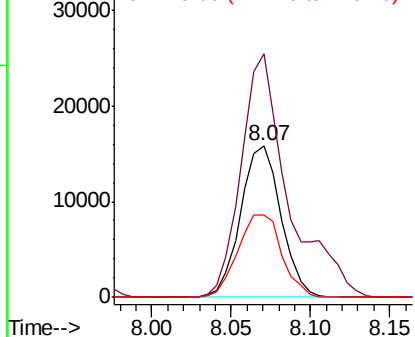


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

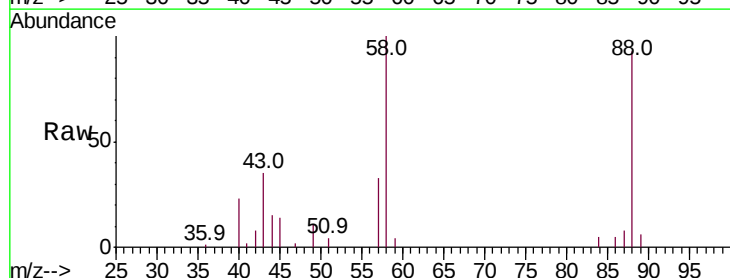
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 34.483 ng  
RT: 3.51 min Scan# 37  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 103.9 | 74.4  | 111.6 |
| 43      | 39.4  | 25.8  | 38.8# |

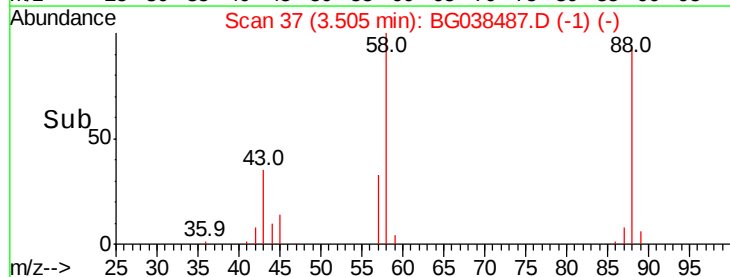
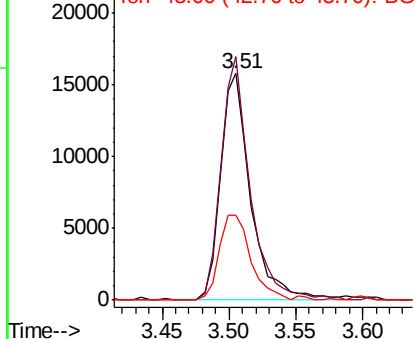


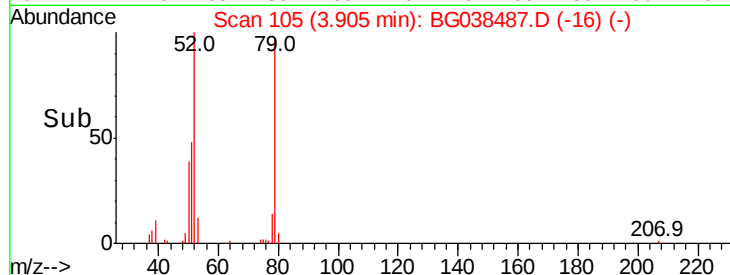
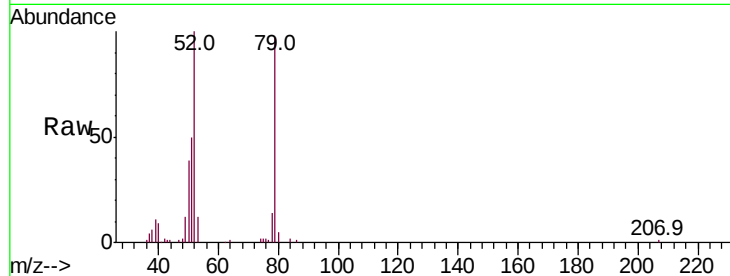
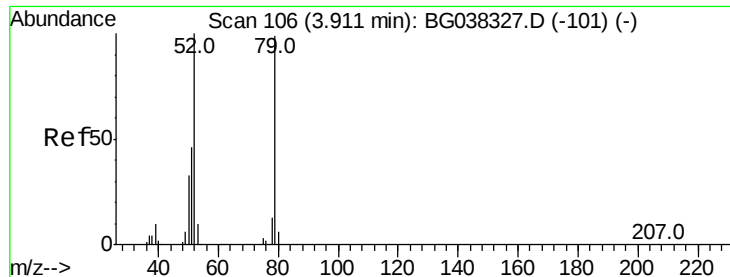
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.181 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038487.D

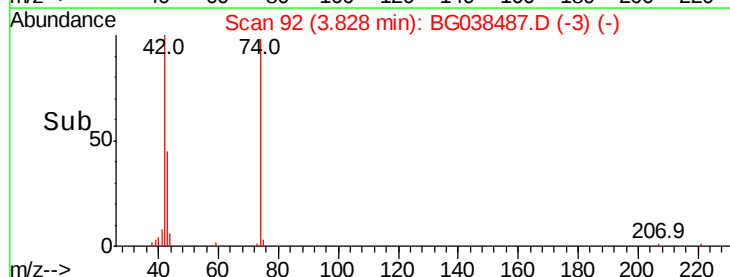
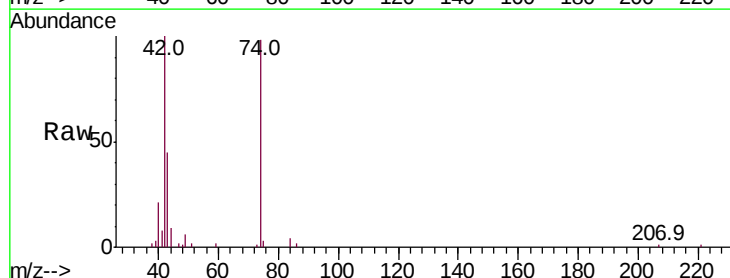
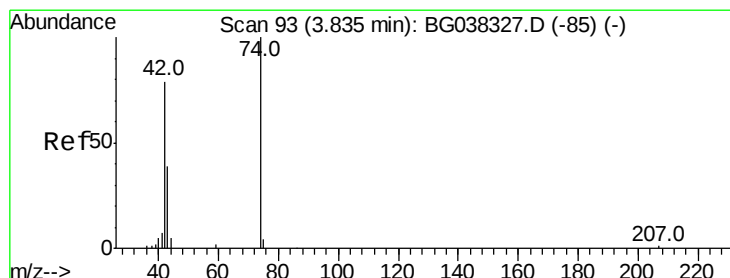
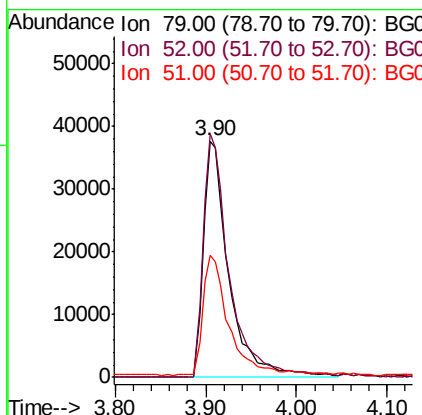
Acq: 12 Dec 2018 2:31

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 102.9 | 74.2  | 111.2 |
| 51      | 51.7  | 34.6  | 51.8  |

Instrument :  
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ClientSampleId :  
SSTDCCC040EC

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#4

n-Nitrosodimethylamine

Concen: 40.446 ng

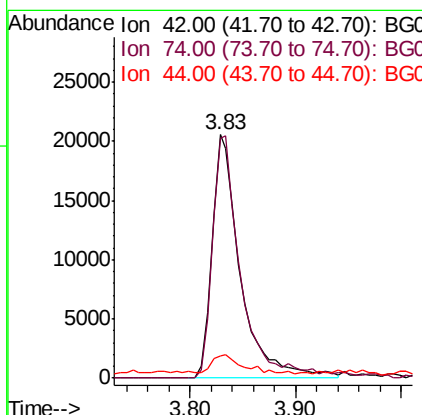
RT: 3.83 min Scan# 92

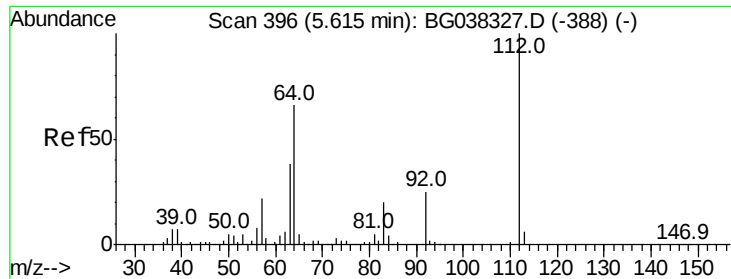
Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 98.4  | 102.0 | 153.0# |
| 44      | 9.4   | 9.6   | 14.4#  |





#5

2-Fluorophenol

Concen: 79.996 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

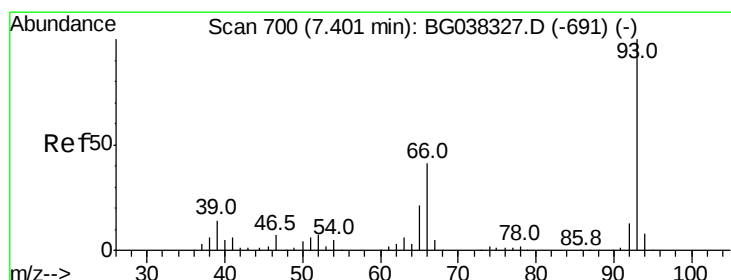
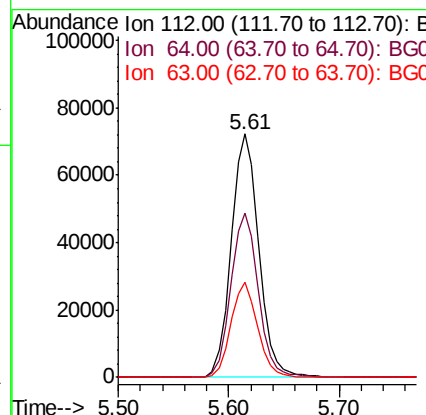
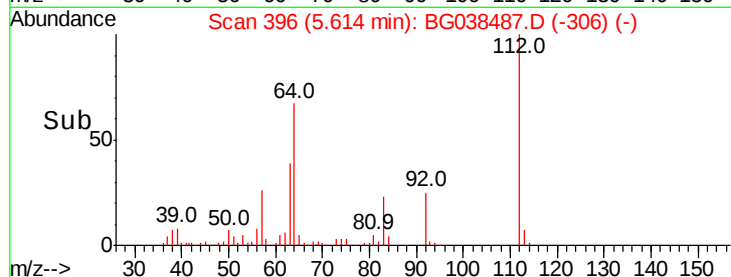
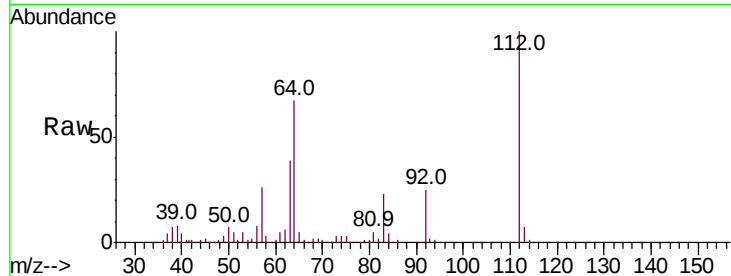
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 126672 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 67.4  | 53.1  | 79.7   |
| 63        | 39.2  | 27.3  | 40.9   |

Manual Integrations  
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12/12/2018 5:38:47 PM



#6

Aniline

Concen: 39.003 ng

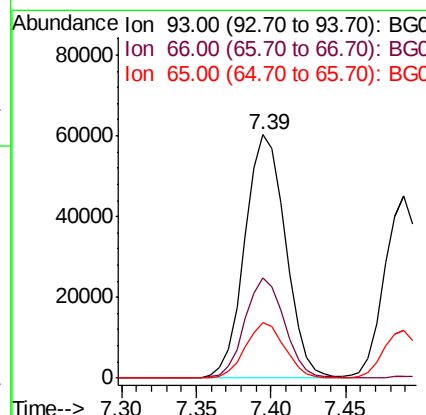
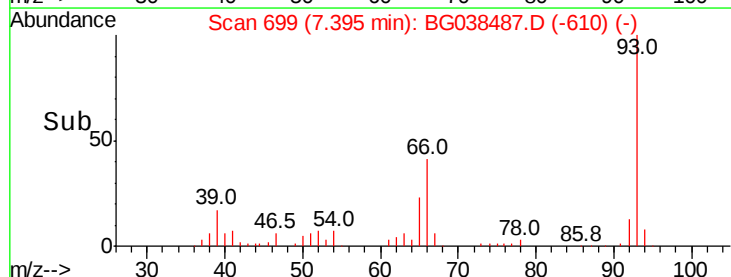
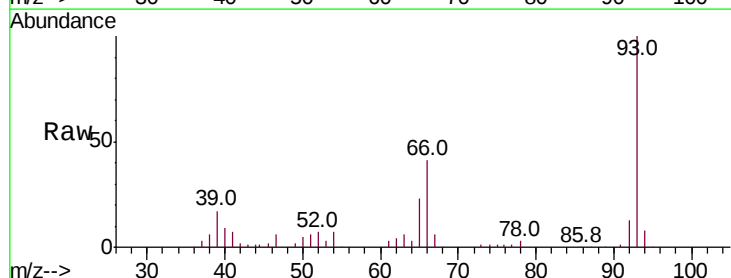
RT: 7.39 min Scan# 699

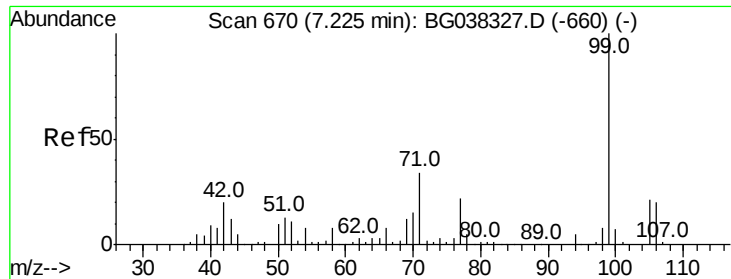
Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 114011 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.4  | 32.8  | 49.2   |
| 65        | 22.7  | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 81.345 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 186172

Ion Ratio Lower Upper

99 100

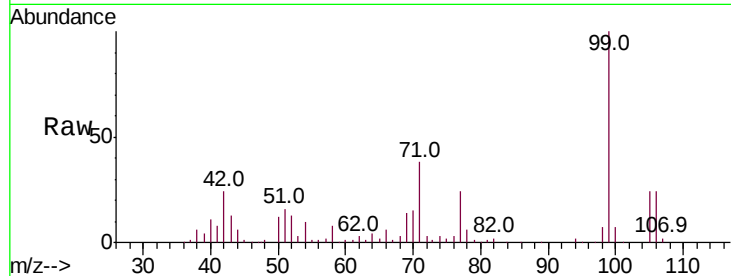
42 23.5 15.0 22.4#

71 38.0 25.5 38.3

Manual Integrations  
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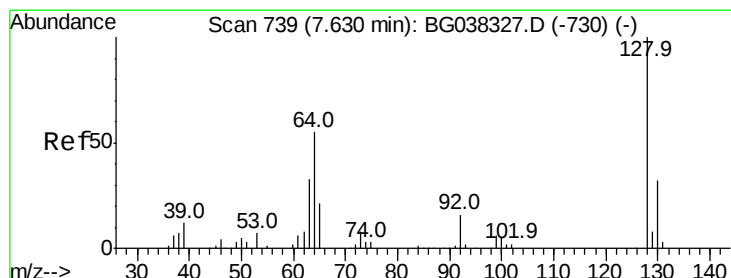
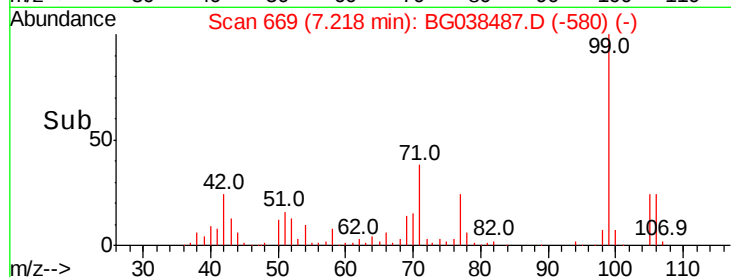
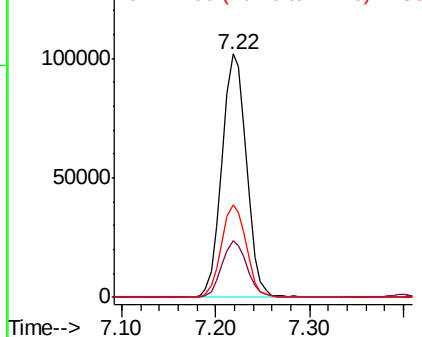
12/12/2018 5:38:47 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.290 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

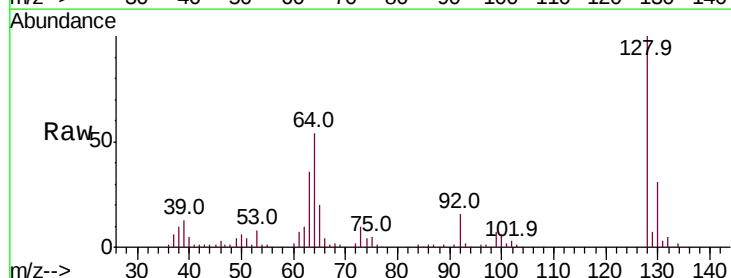
Tgt Ion:128 Resp: 75934

Ion Ratio Lower Upper

128 100

130 31.0 12.0 52.0

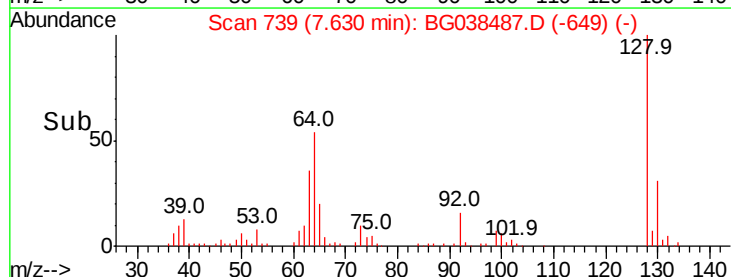
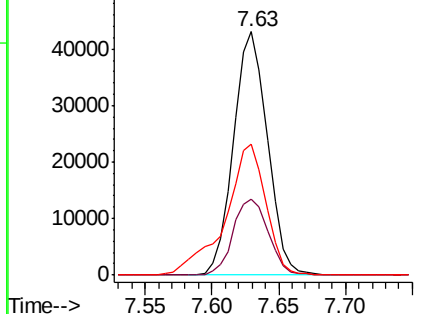
64 53.5 32.9 72.9

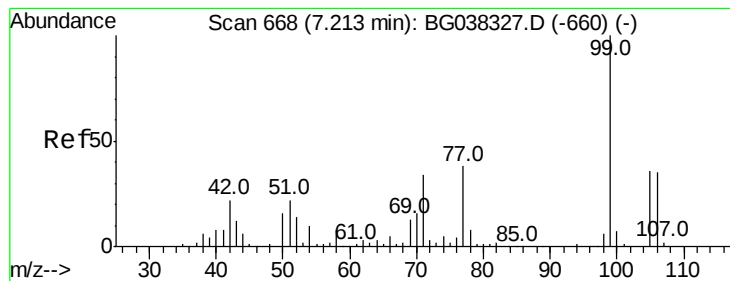


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 37.778 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 54749

Ion Ratio Lower Upper

77 100

105 95.0 72.6 112.6

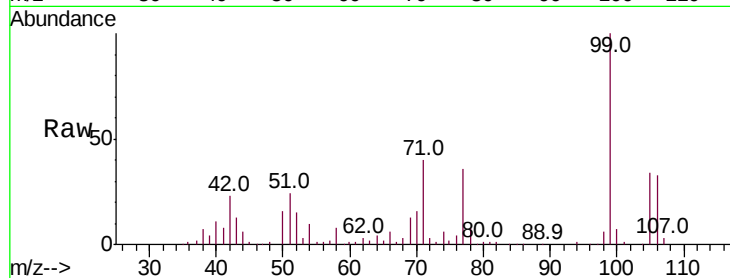
106 92.1 71.3 111.3

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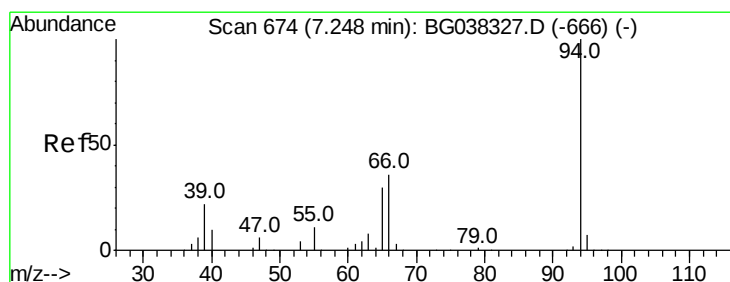
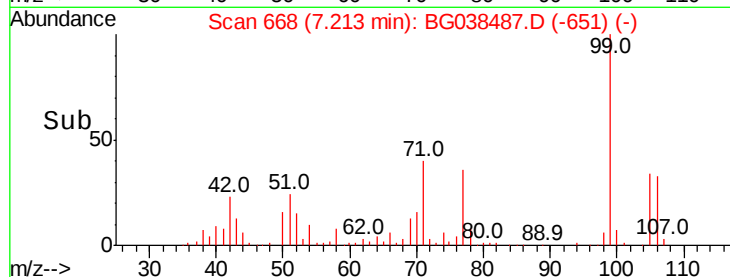
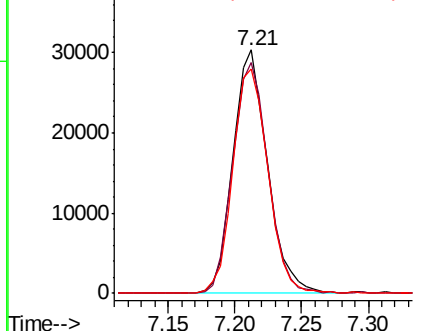
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.793 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

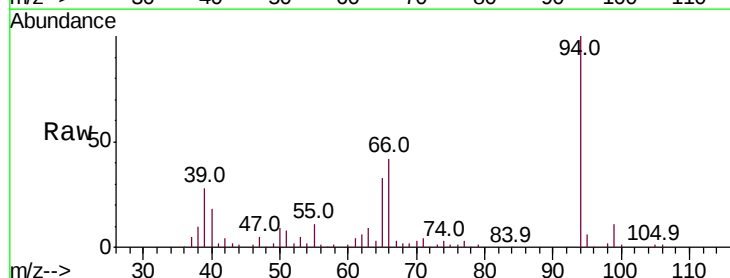
Tgt Ion: 94 Resp: 96225

Ion Ratio Lower Upper

94 100

65 33.0 9.7 49.7

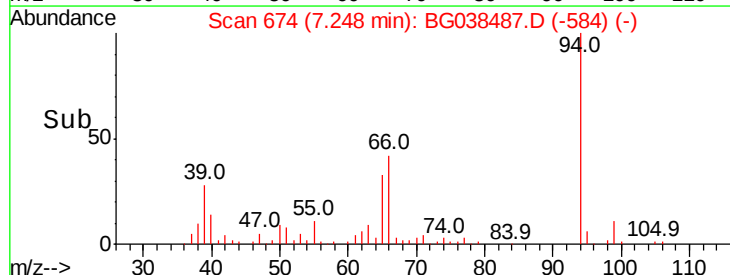
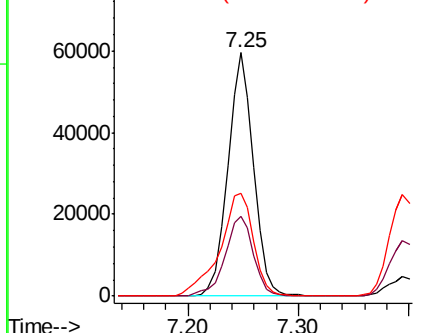
66 42.2 15.9 55.9

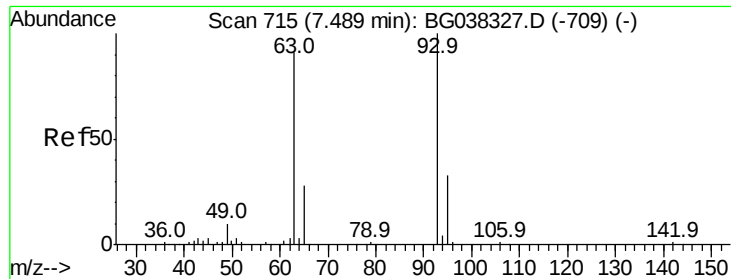


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





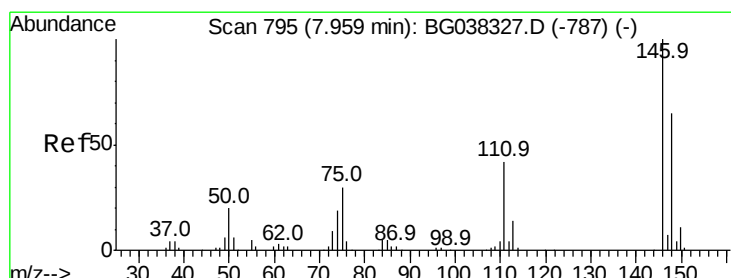
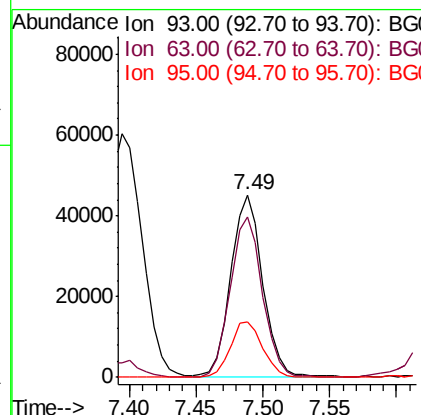
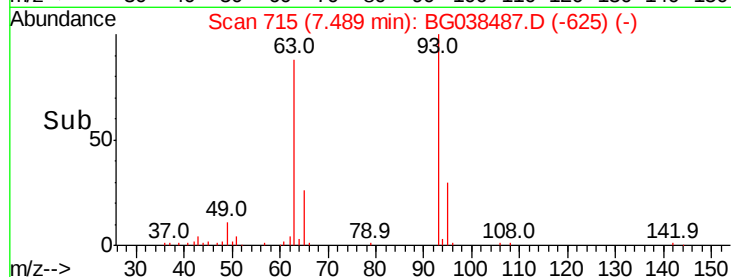
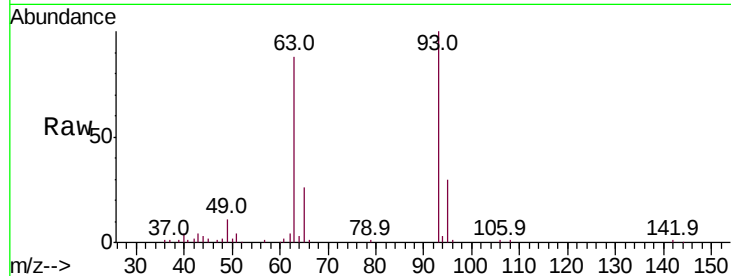
#11  
bis(2-Chloroethyl)ether  
Concen: 38.377 ng  
RT: 7.49 min Scan# 715  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 87.9  | 69.5  | 109.5 |
| 95      | 30.5  | 12.6  | 52.6  |

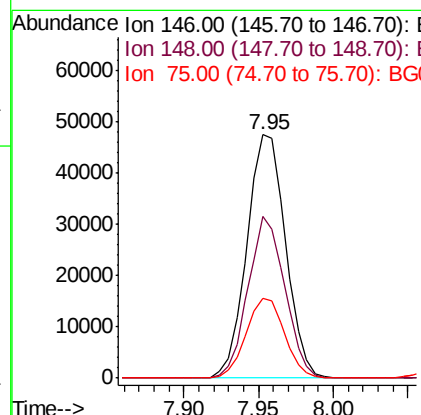
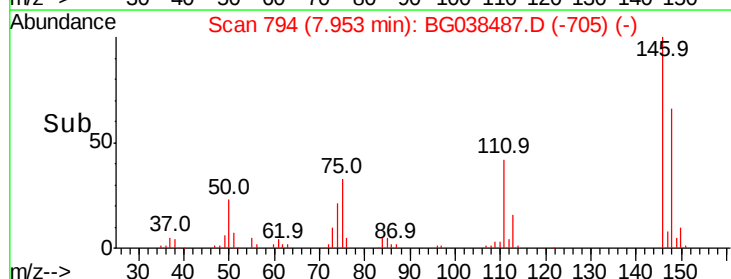
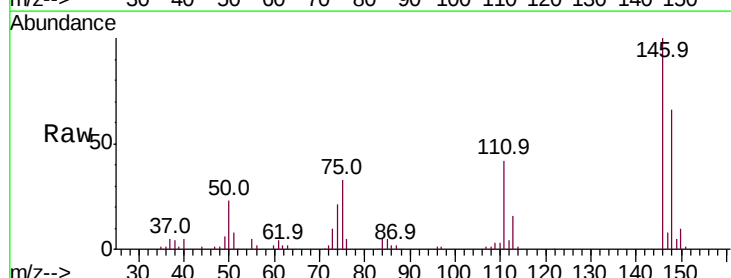
Manual Integrations  
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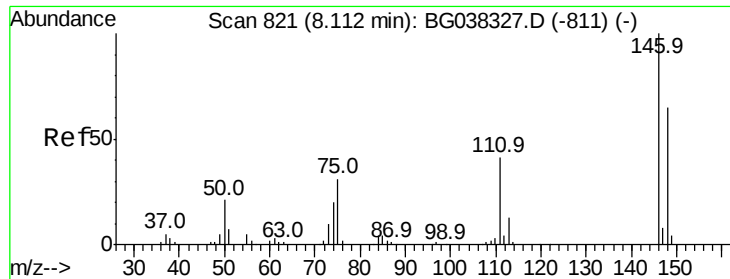
Sohil  
12/12/2018 5:38:47 PM



#12  
1,3-Dichlorobenzene  
Concen: 39.577 ng  
RT: 7.95 min Scan# 794  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.5  | 49.8  | 74.8  |
| 75      | 32.8  | 23.2  | 34.8  |





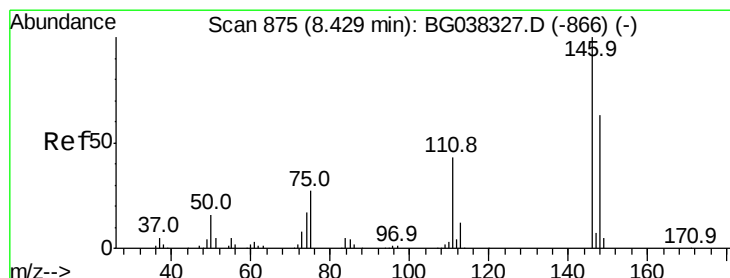
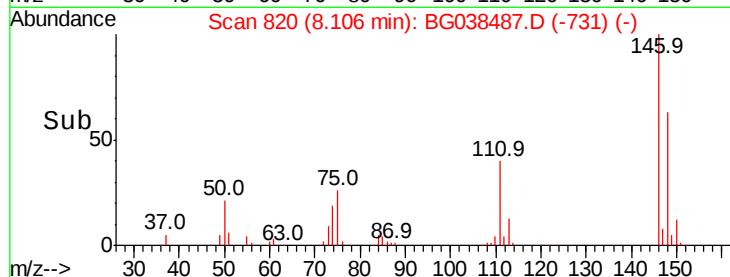
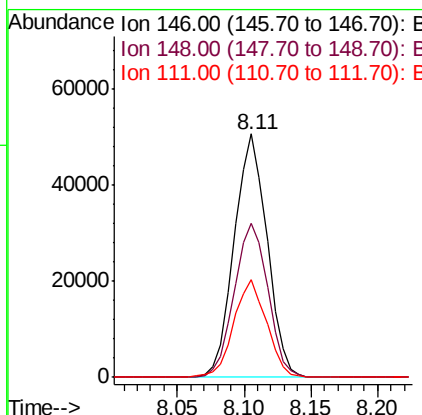
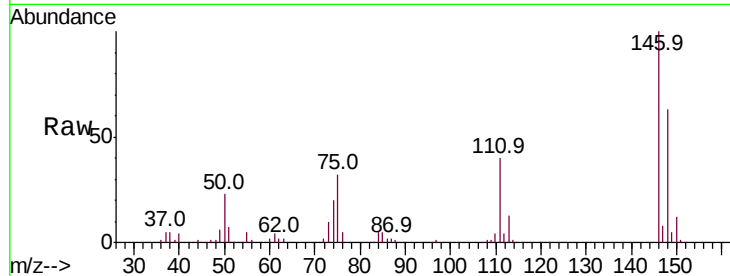
#13  
 1,4-Dichlorobenzene  
 Concen: 39.013 ng  
 RT: 8.11 min Scan# 820  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 51.0  | 76.6  |
| 111     | 39.9  | 32.4  | 48.6  |

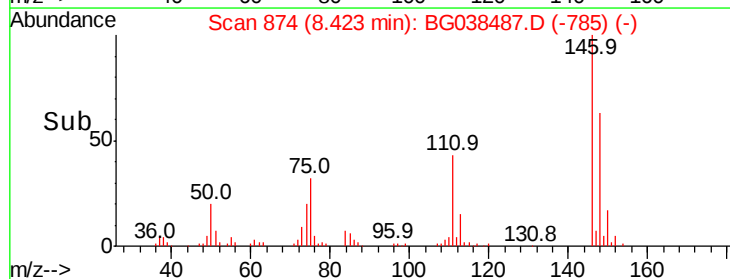
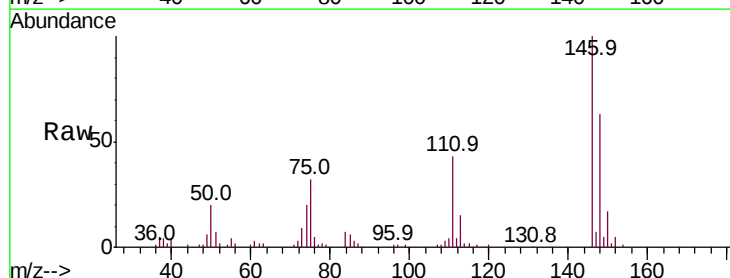
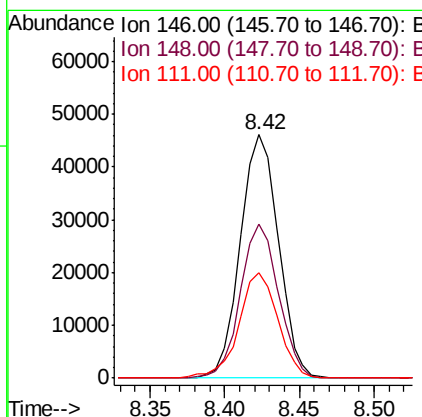
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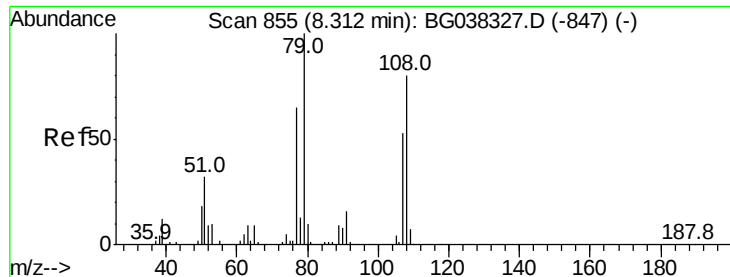
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 12/12/2018 5:38:47 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 39.930 ng  
 RT: 8.42 min Scan# 874  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 50.4  | 75.6  |
| 111     | 43.5  | 34.6  | 51.8  |





#15

Benzyl Alcohol

Concen: 38.398 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 72249

Ion Ratio Lower Upper

79 100

108 71.6 65.8 98.8

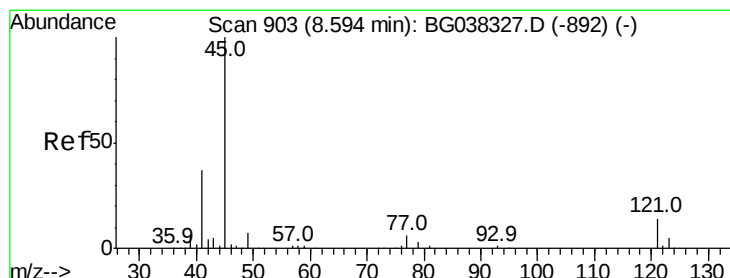
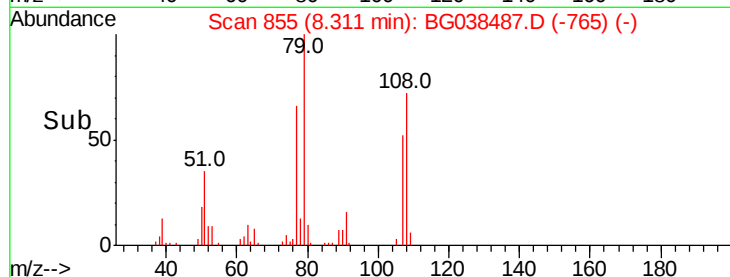
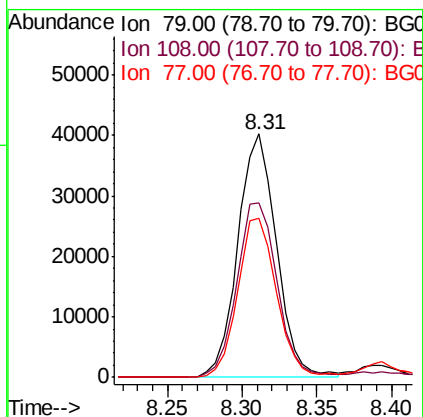
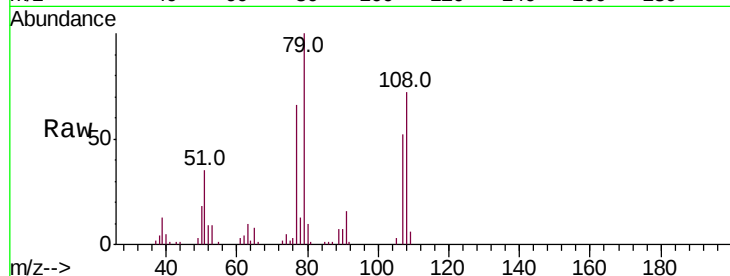
77 65.5 52.9 79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.704 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

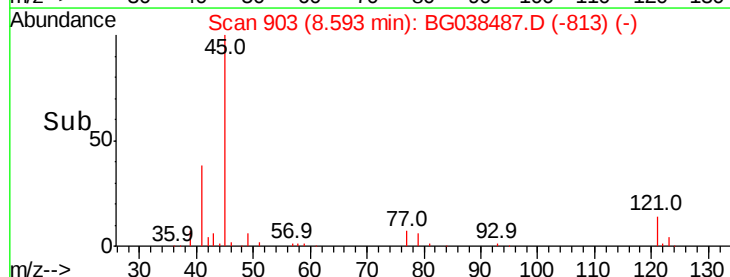
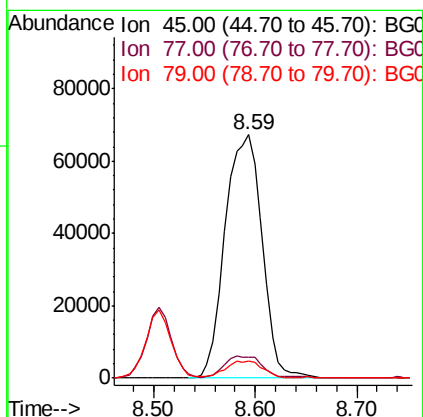
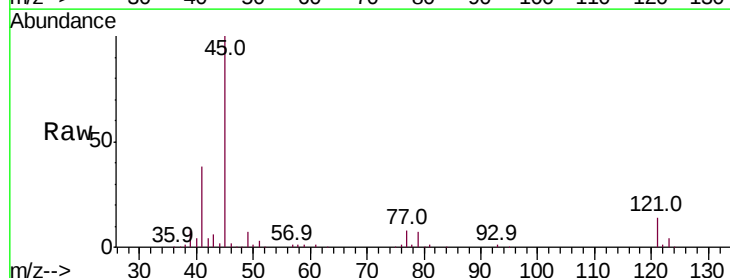
Tgt Ion: 45 Resp: 169841

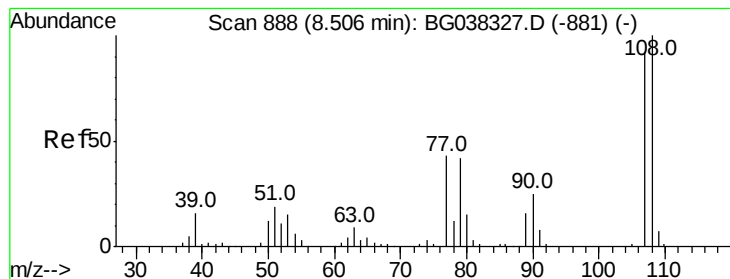
Ion Ratio Lower Upper

45 100

77 8.5 0.0 30.0

79 6.9 0.0 29.0





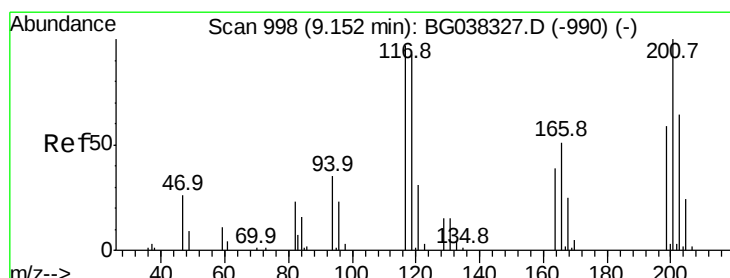
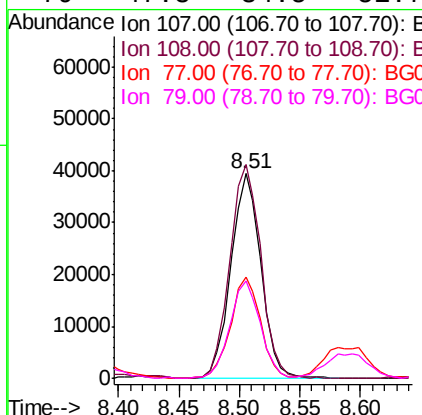
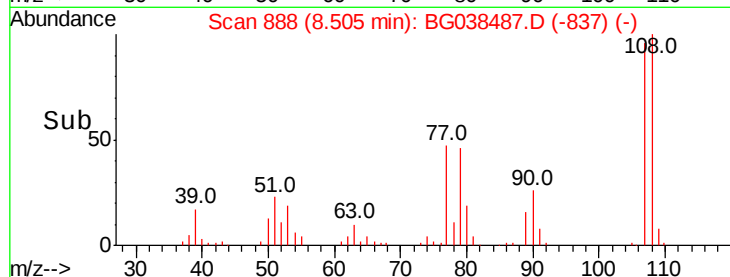
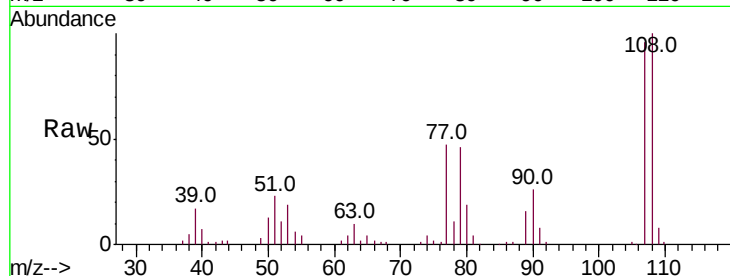
#17  
2-Methylphenol  
Concen: 40.350 ng  
RT: 8.51 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 104.4 | 87.9  | 131.9 |
| 77      | 49.4  | 35.1  | 52.7  |
| 79      | 47.8  | 34.5  | 51.7  |

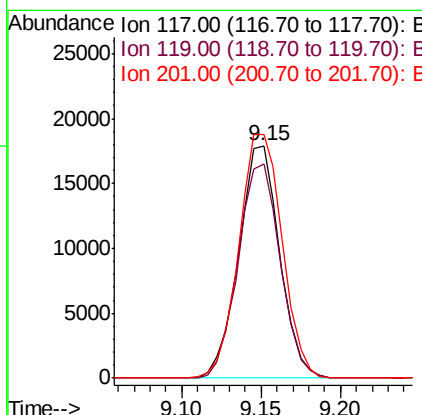
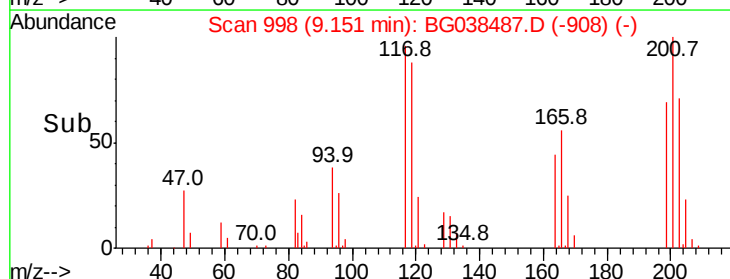
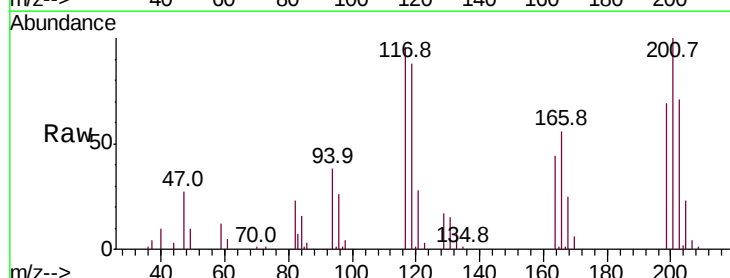
Manual Integrations  
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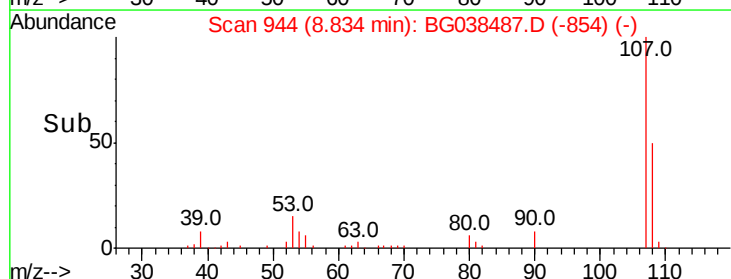
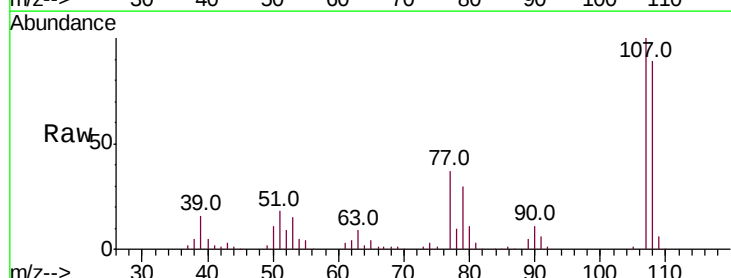
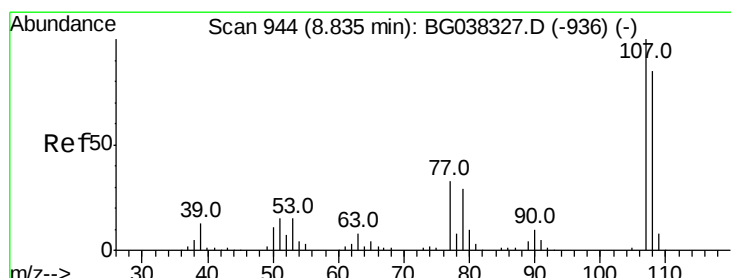
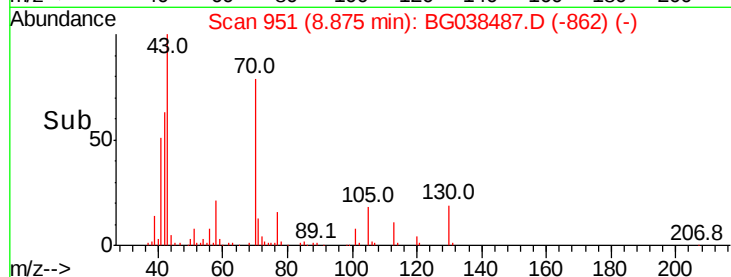
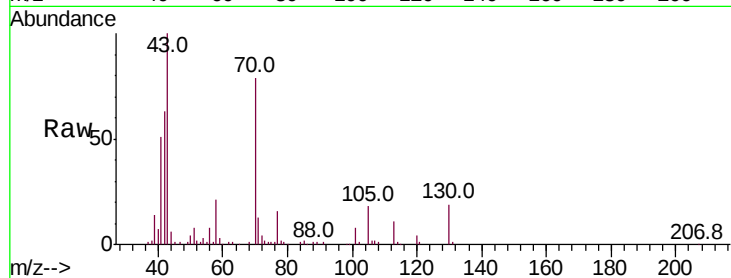
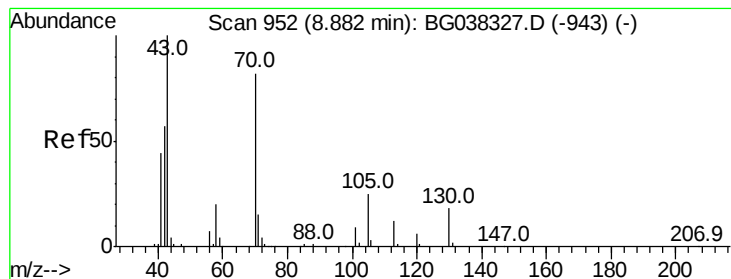
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#18  
Hexachloroethane  
Concen: 39.936 ng  
RT: 9.15 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.0  | 74.6  | 111.8 |
| 201     | 104.5 | 80.8  | 121.2 |





#19

n-Nitroso-di-n-propylamine

Concen: 38.702 ng

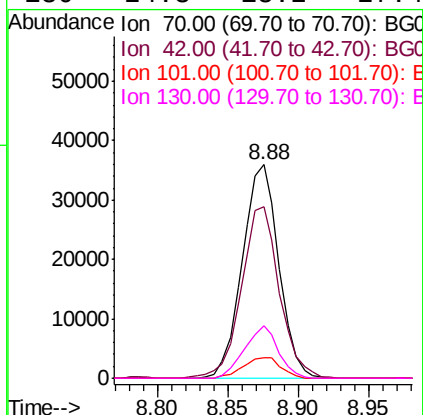
RT: 8.88 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 80.3 | 53.9  | 80.9  |       |
| 101     | 9.6  | 8.2   | 12.2  |       |
| 130     | 24.3 | 18.2  | 27.4  |       |



Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

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#20

3+4-Methylphenols

Concen: 39.355 ng

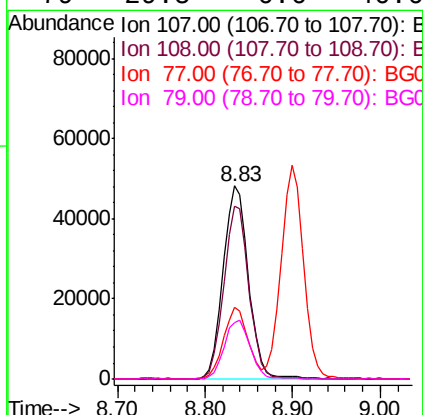
RT: 8.83 min Scan# 944

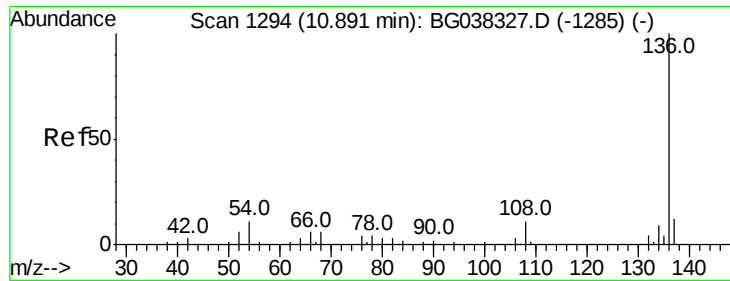
Delta R.T. -0.00 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 89.2 | 69.9  | 109.9 |       |
| 77      | 37.4 | 11.2  | 51.2  |       |
| 79      | 29.5 | 6.6   | 46.6  |       |





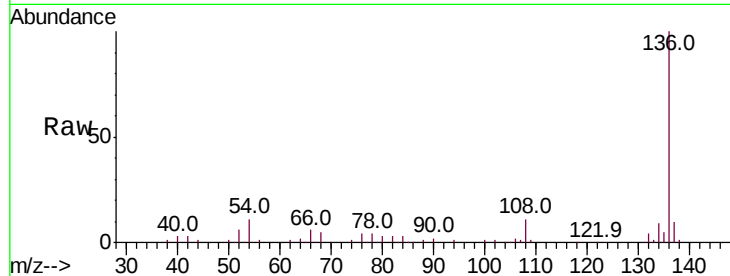
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.89 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 124362 |       |       |
| 137     | 10.3  | 9.6    | 14.4  |       |
| 54      | 10.8  | 7.9    | 11.9  |       |
| 68      | 4.9   | 4.8    | 7.2   |       |

Manual Integrations  
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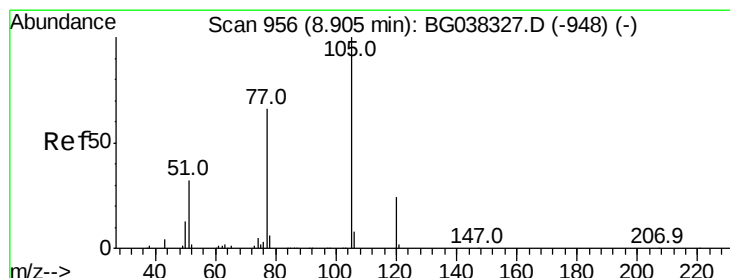
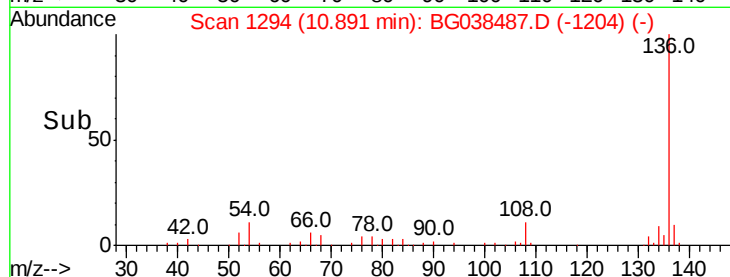
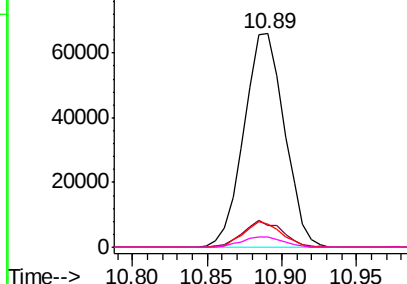
Abundance

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): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 40.577 ng  
RT: 8.90 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 121695 |       |       |
| 71      | 0.5   | 1.2    | 1.8#  |       |
| 51      | 36.6  | 25.0   | 37.6  |       |
| 120     | 22.9  | 18.6   | 28.0  |       |

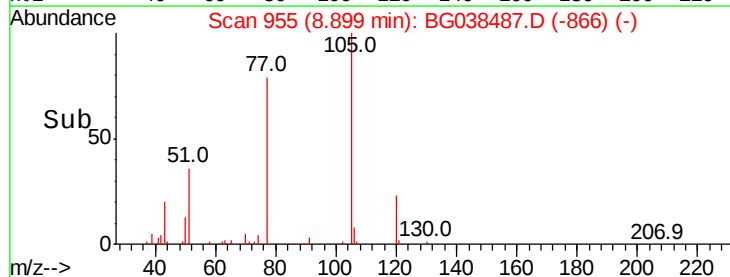
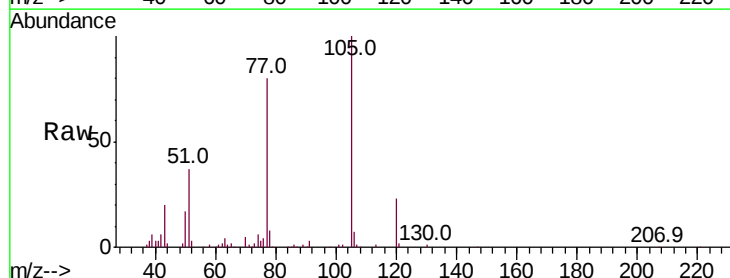
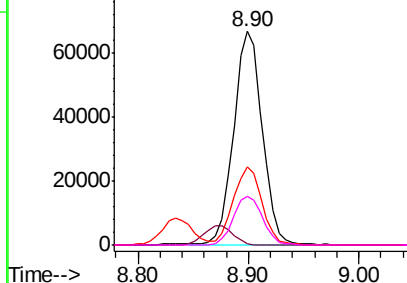
Abundance

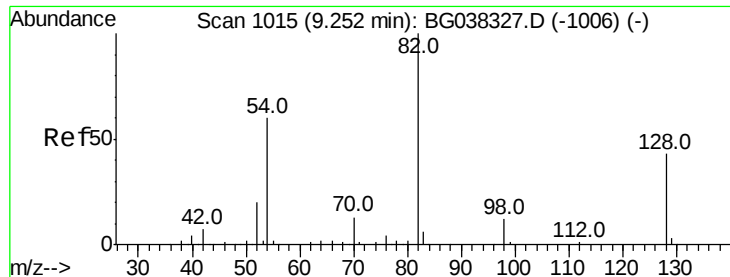
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





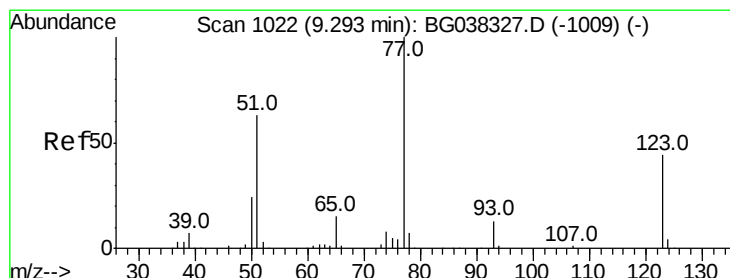
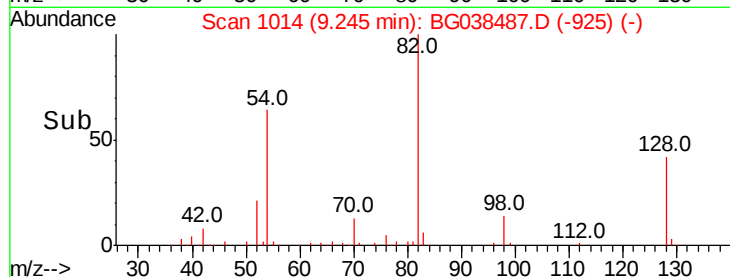
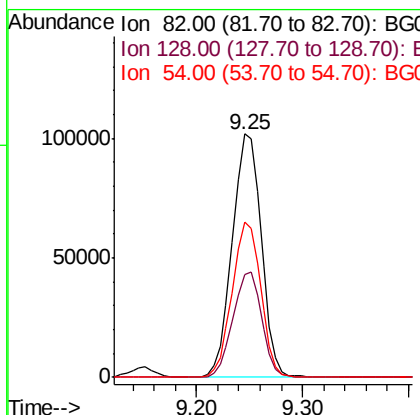
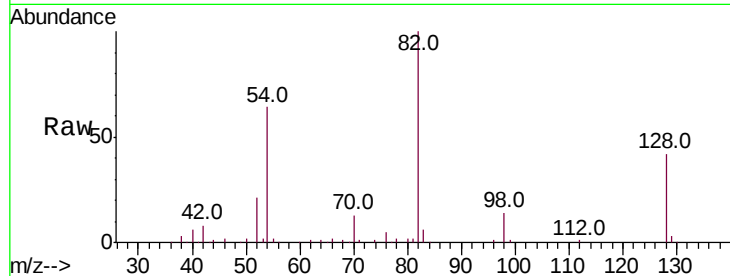
#23  
Nitrobenzene-d5  
Concen: 77.179 ng  
RT: 9.25 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 193324 |       |       |
| 128     | 42.0  | 34.6   | 51.8  |       |
| 54      | 63.7  | 45.3   | 67.9  |       |

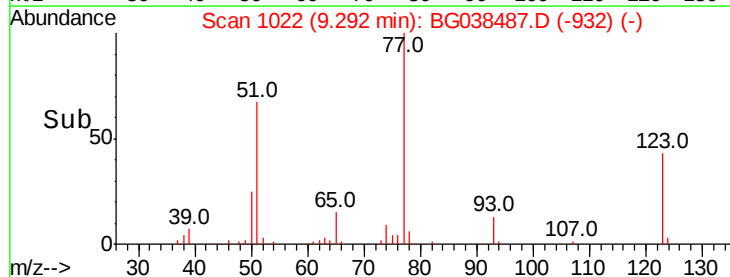
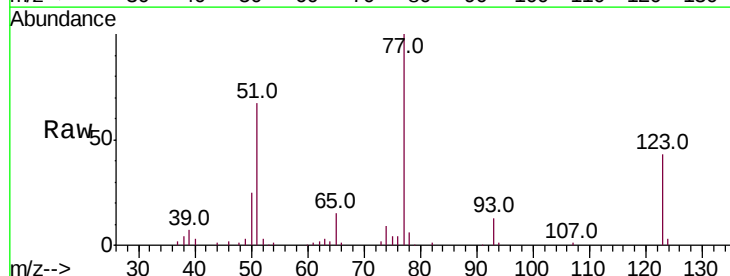
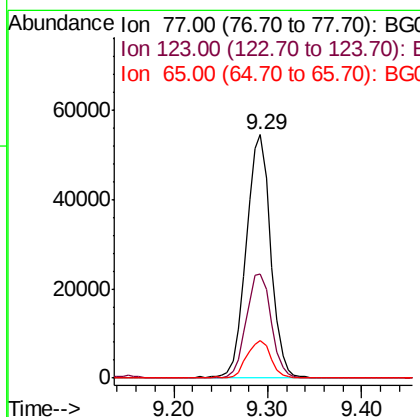
Manual Integrations  
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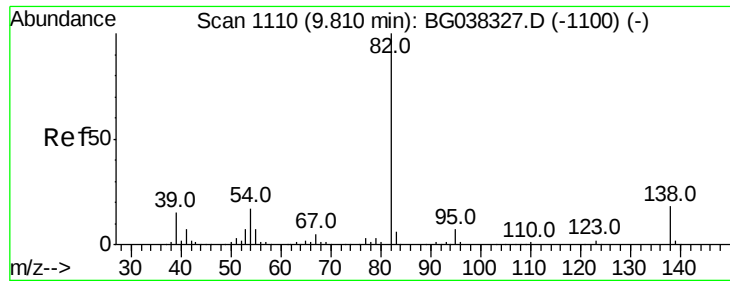
Sohil  
12/12/2018 5:38:47 PM



#24  
Nitrobenzene  
Concen: 38.509 ng  
RT: 9.29 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 98002 |       |       |
| 123     | 42.6  | 33.6  | 50.4  |       |
| 65      | 15.4  | 11.3  | 16.9  |       |





#25

Isophorone

Concen: 37.071 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 163188

Ion Ratio Lower Upper

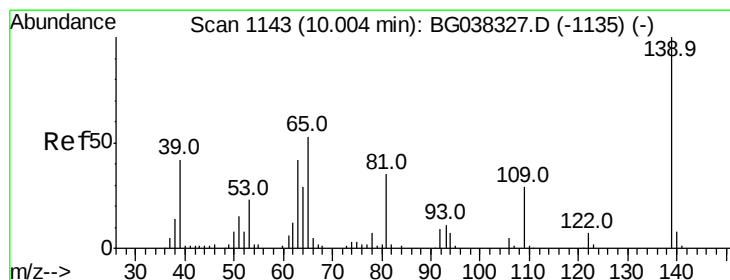
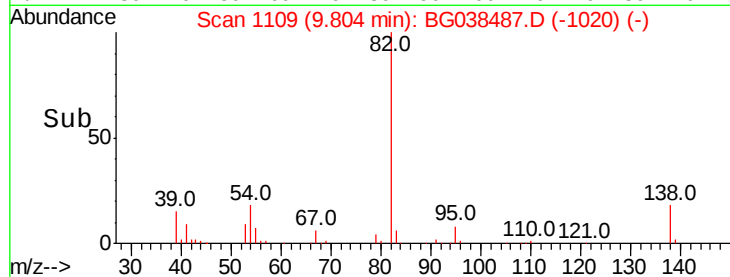
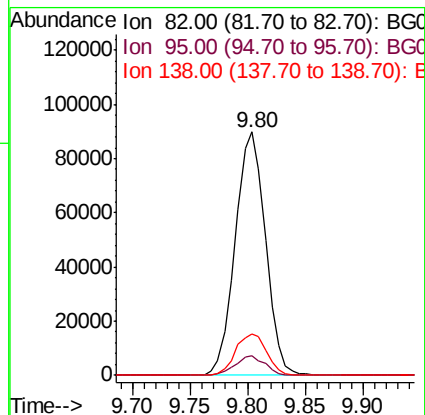
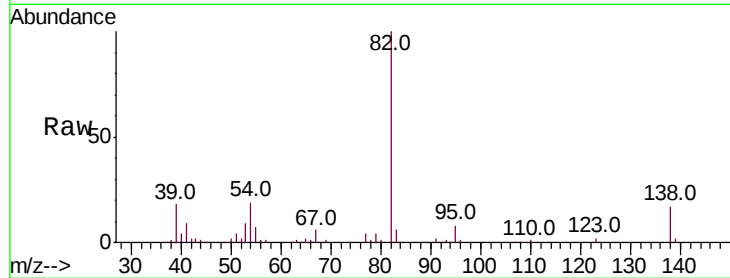
82 100

95 7.9 5.3 7.9#

138 17.1 13.3 19.9

Manual Integrations  
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#26

2-Nitrophenol

Concen: 43.363 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

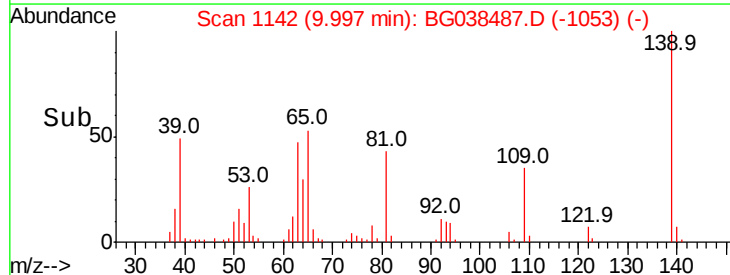
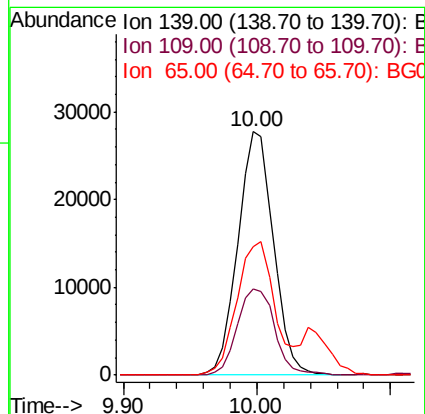
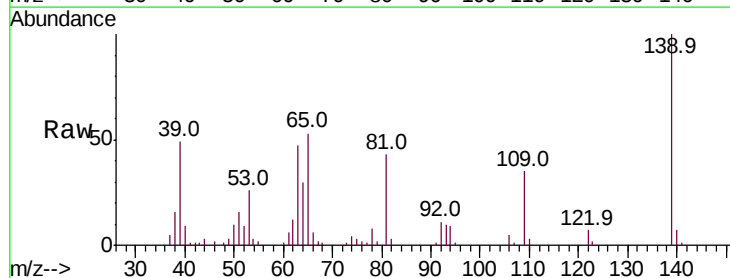
Tgt Ion: 139 Resp: 51133

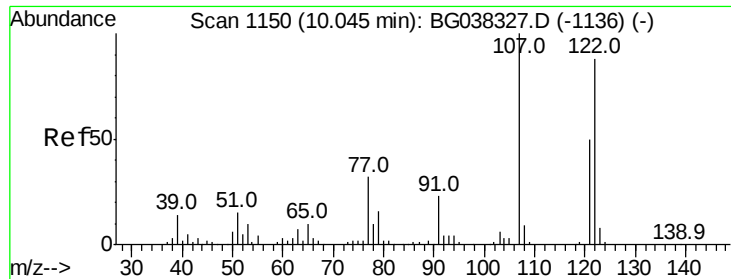
Ion Ratio Lower Upper

139 100

109 35.3 23.3 34.9#

65 52.9 39.8 59.8





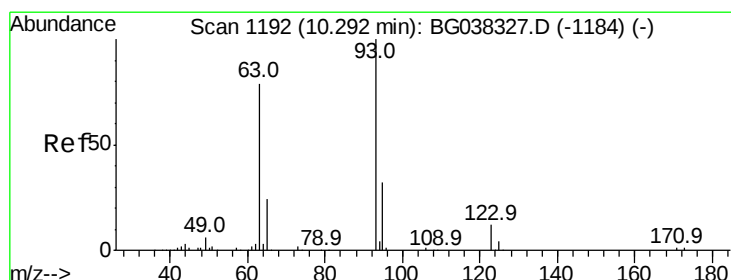
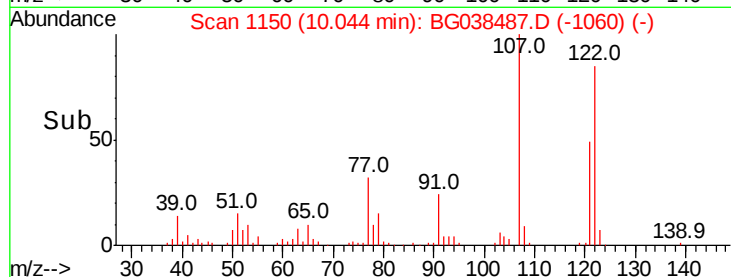
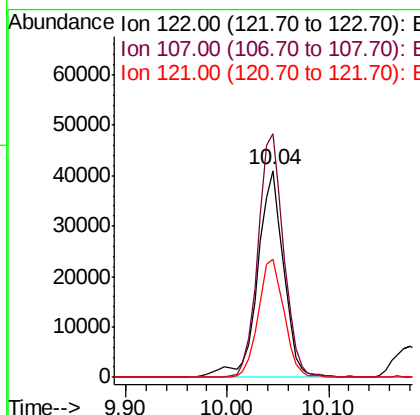
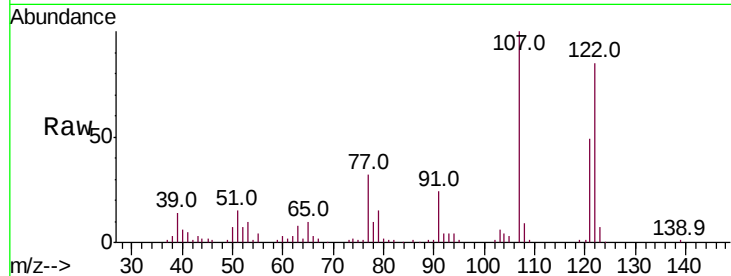
#27  
 2,4-Dimethylphenol  
 Concen: 43.146 ng  
 RT: 10.04 min Scan# 1150  
 Delta R.T. -0.00 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.7 | 94.2  | 141.2 |
| 121     | 57.1  | 47.3  | 70.9  |

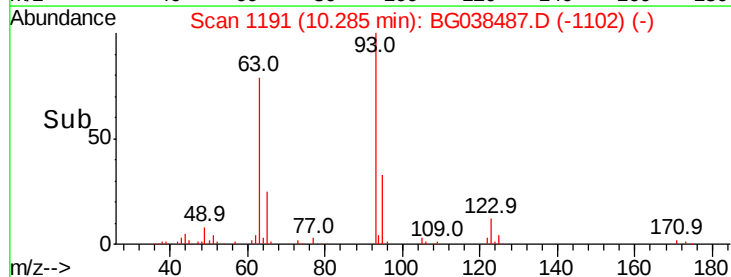
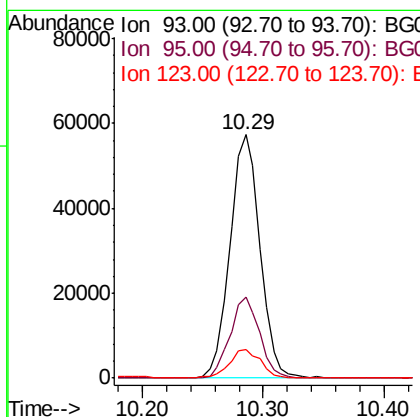
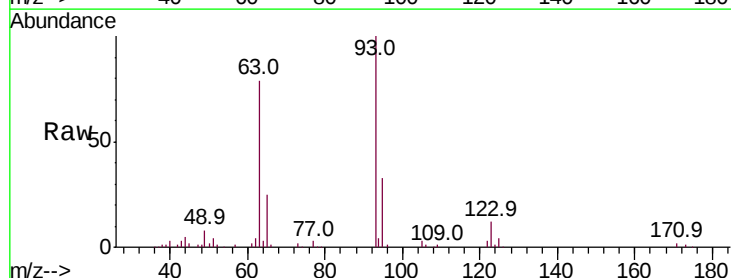
Manual Integrations  
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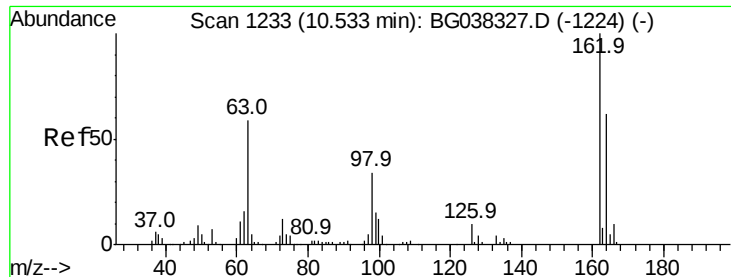
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 12/12/2018 5:38:47 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.200 ng  
 RT: 10.29 min Scan# 1191  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 24.6  | 37.0  |
| 123     | 11.8  | 9.1   | 13.7  |





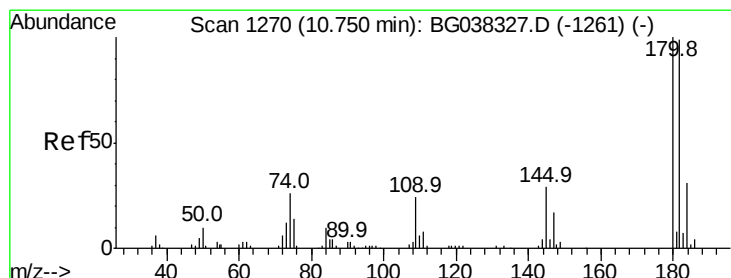
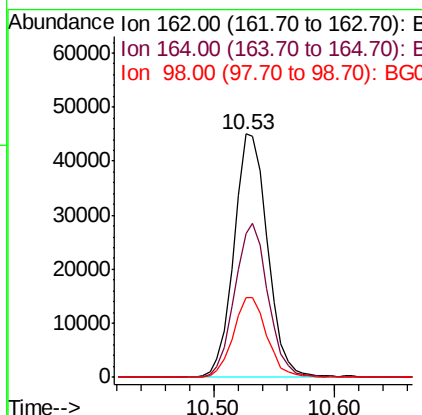
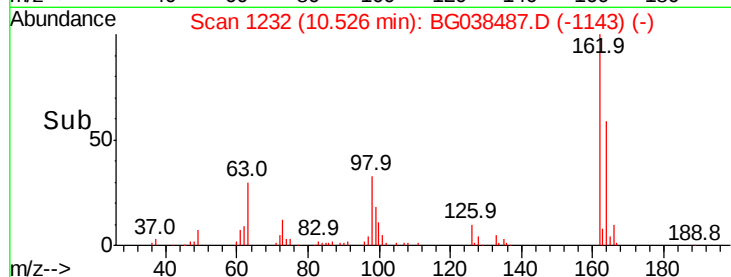
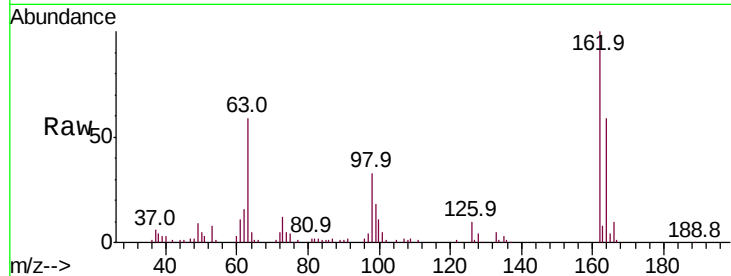
#29  
2,4-Dichlorophenol  
Concen: 45.128 ng  
RT: 10.53 min Scan# 1232  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 164     | 59.0  | 43.2 | 83.2  |       |
| 98      | 32.5  | 16.0 | 56.0  |       |

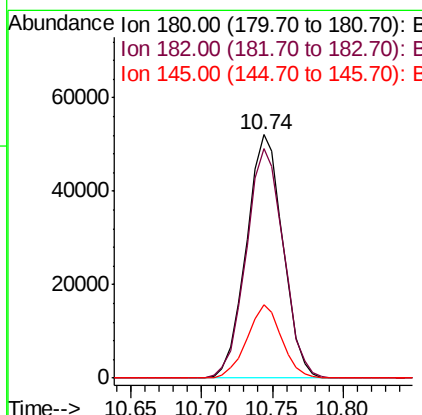
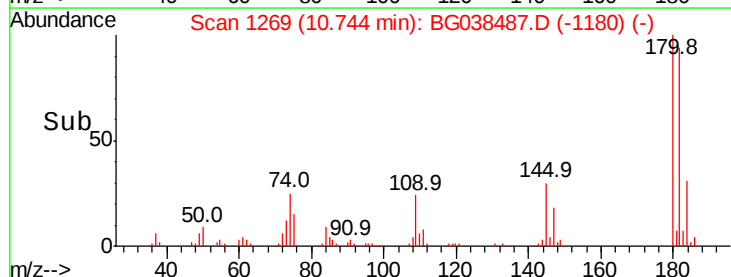
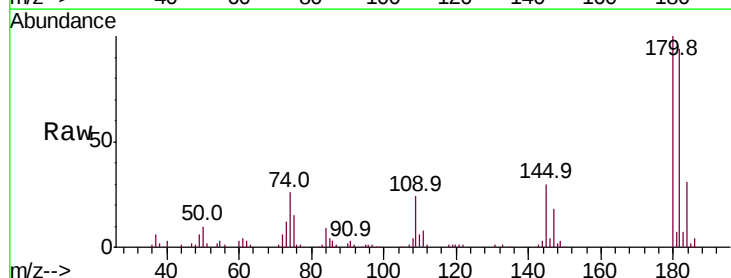
Manual Integrations  
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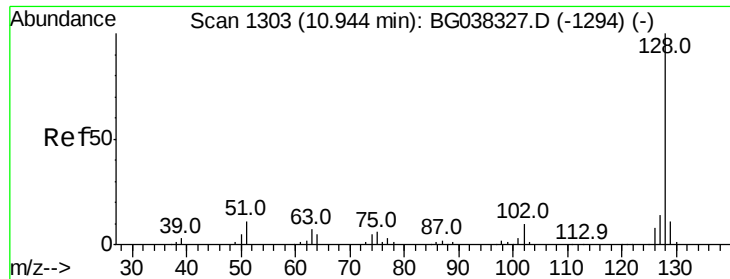
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#30  
1,2,4-Trichlorobenzene  
Concen: 41.651 ng  
RT: 10.74 min Scan# 1269  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 94.1  | 77.7 | 116.5 |       |
| 145     | 30.2  | 23.3 | 34.9  |       |





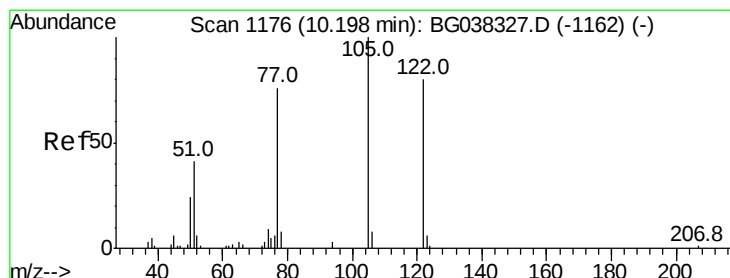
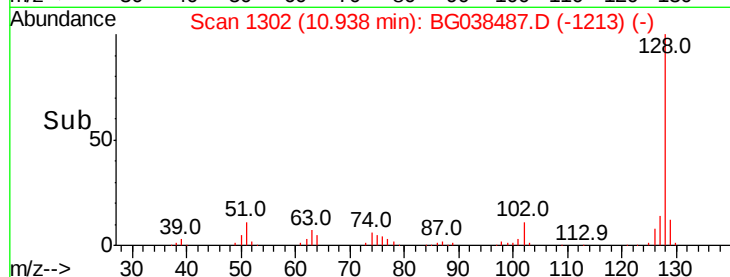
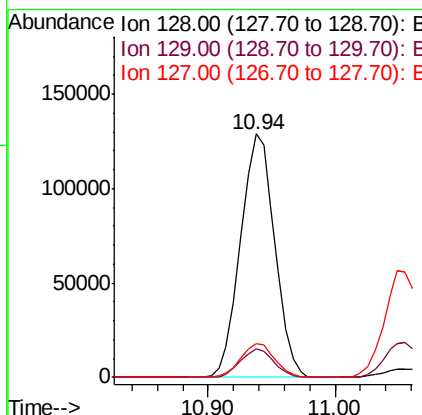
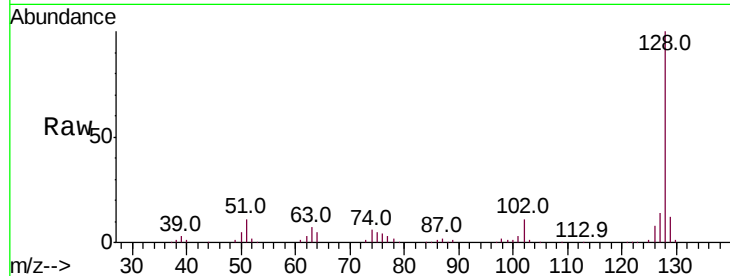
#31  
Naphthalene  
Concen: 40.511 ng  
RT: 10.94 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.9  | 9.0   | 13.6  |
| 127     | 13.7  | 11.1  | 16.7  |

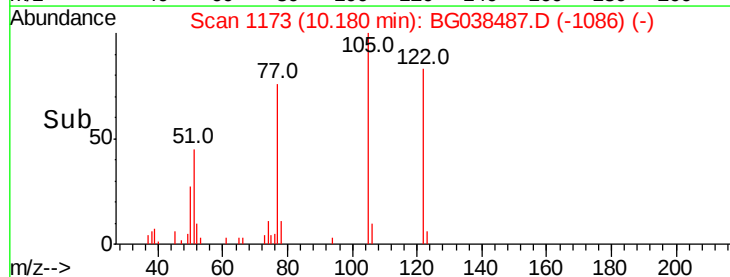
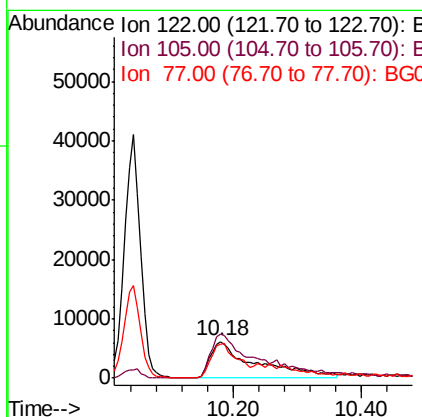
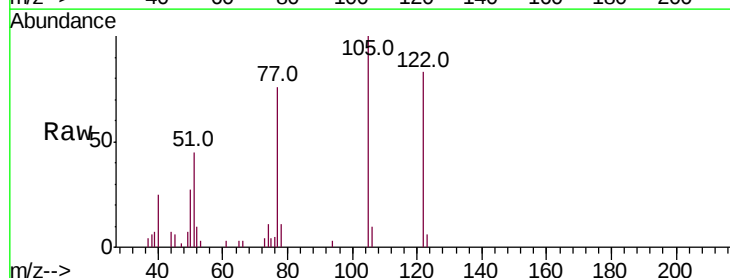
Manual Integrations  
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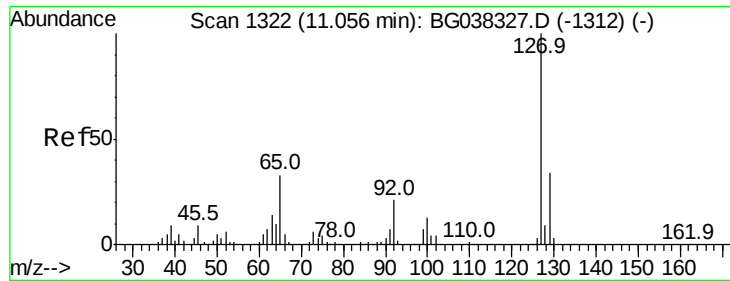
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12/12/2018 5:38:47 PM



#32  
Benzoic acid  
Concen: 27.543 ng m  
RT: 10.18 min Scan# 1173  
Delta R.T. -0.02 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 120.4 | 106.7 | 146.7 |
| 77      | 91.4  | 72.2  | 112.2 |





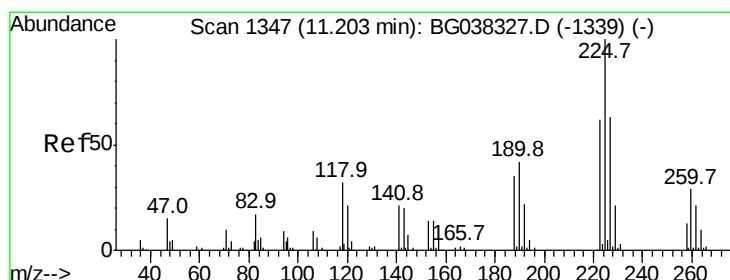
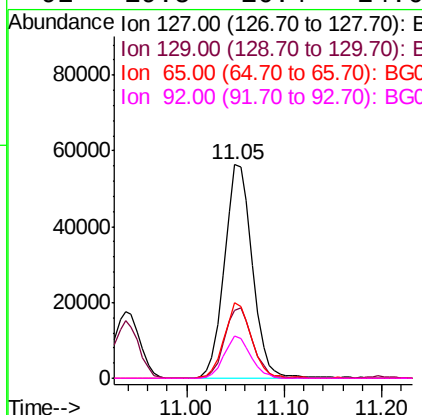
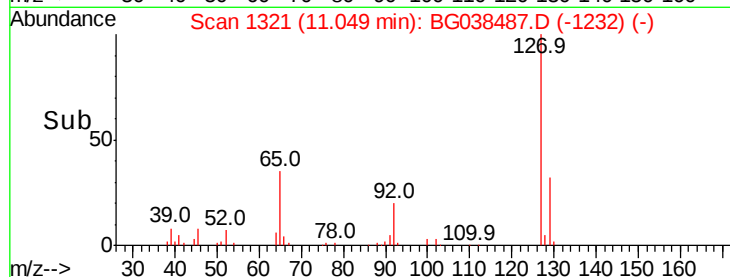
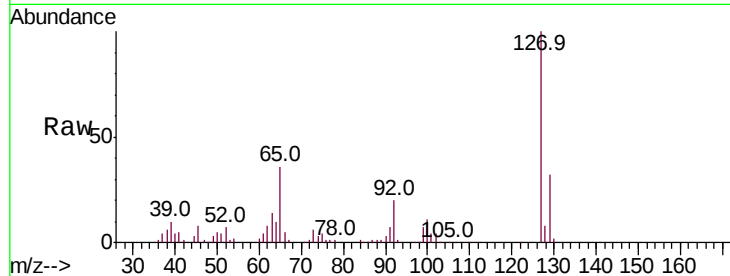
#33  
4-Chloroaniline  
Concen: 42.637 ng  
RT: 11.05 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 127     | 100   |            |            |
| 129     | 31.7  | 27.1       | 40.7       |
| 65      | 35.7  | 26.6       | 39.8       |
| 92      | 19.5  | 16.4       | 24.6       |

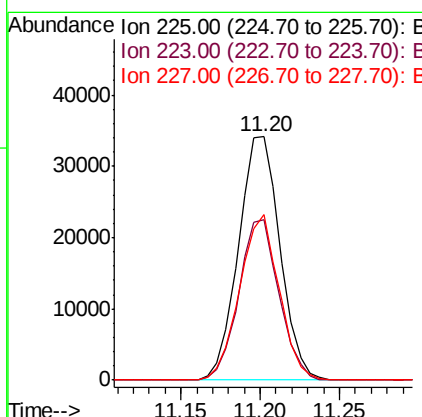
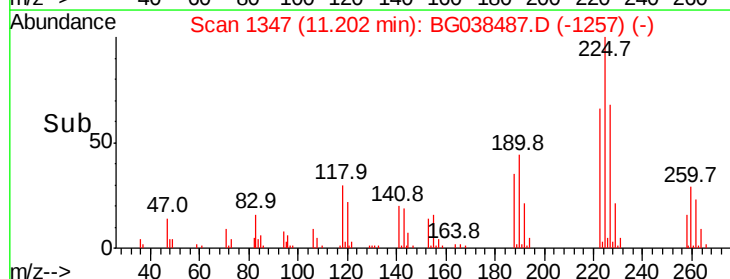
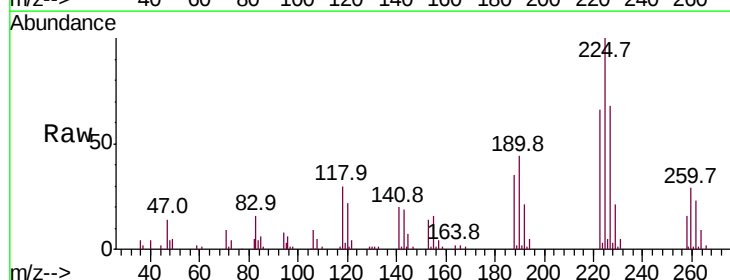
Manual Integrations  
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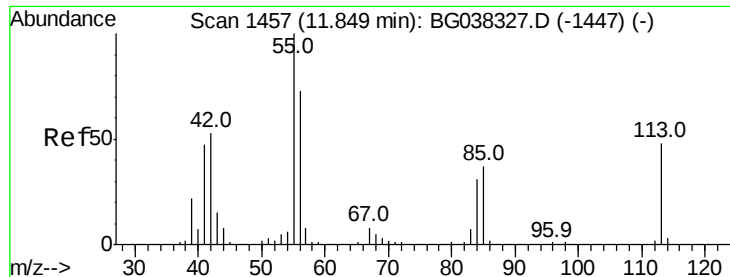
Sohil  
12/12/2018 5:38:47 PM



#34  
Hexachlorobutadiene  
Concen: 43.660 ng  
RT: 11.20 min Scan# 1347  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 225     | 100   |            |            |
| 223     | 65.8  | 48.2       | 72.4       |
| 227     | 67.4  | 51.6       | 77.4       |





#35

Caprolactam

Concen: 40.840 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 32652

Ion Ratio Lower Upper

113 100

55 209.2 176.6 216.6

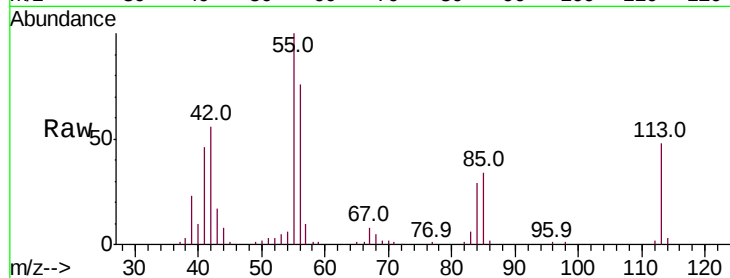
56 159.6 128.3 168.3

Manual Integrations

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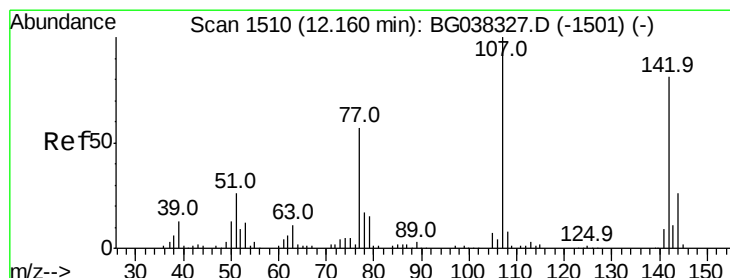
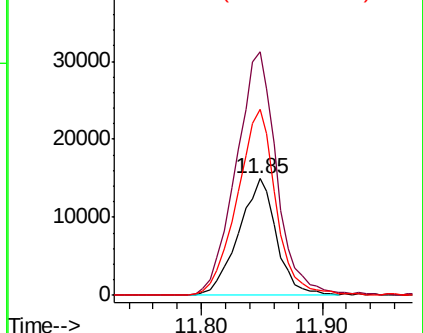
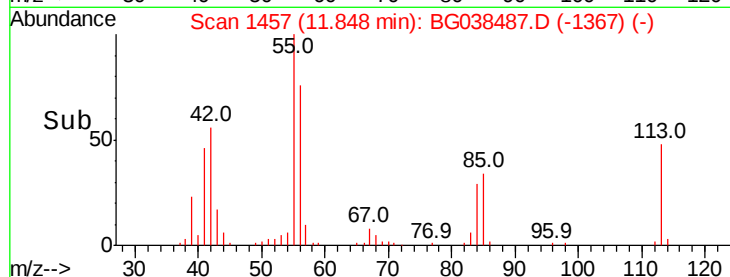
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.496 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

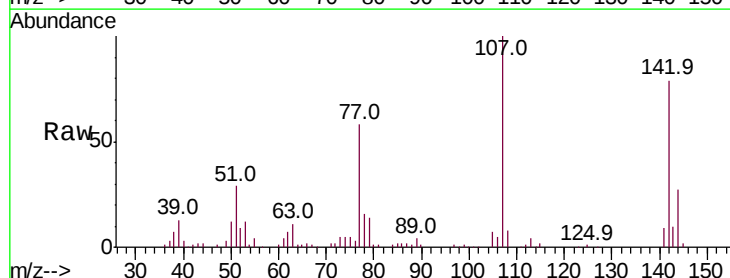
Tgt Ion:107 Resp: 95582

Ion Ratio Lower Upper

107 100

144 27.2 20.7 31.1

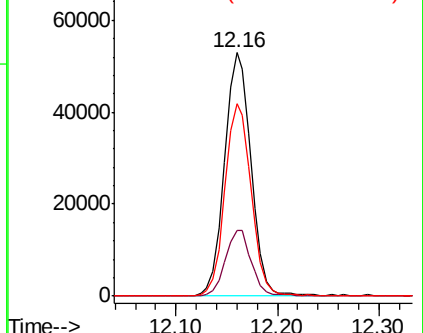
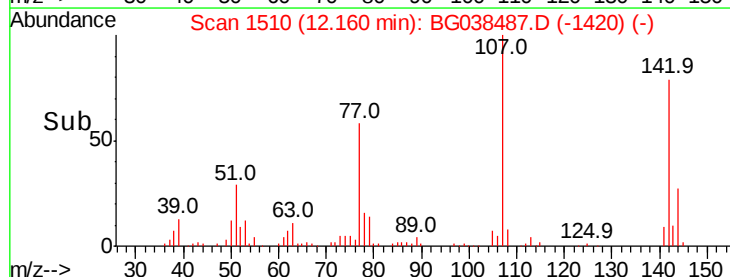
142 79.3 64.4 96.6

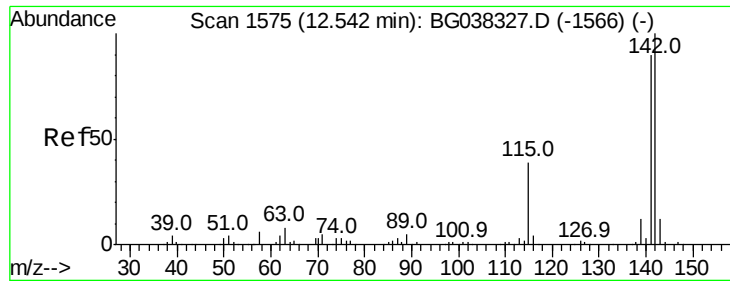


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





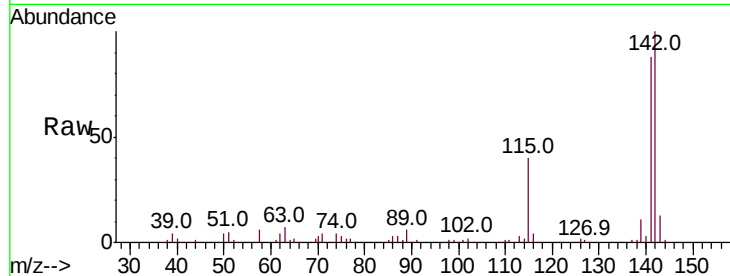
#37  
2-Methylnaphthalene  
Concen: 42.204 ng  
RT: 12.54 min Scan# 1574  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

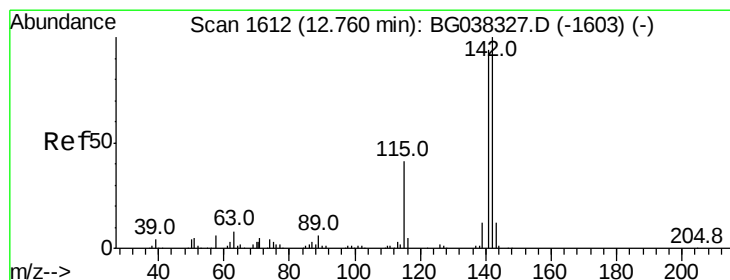
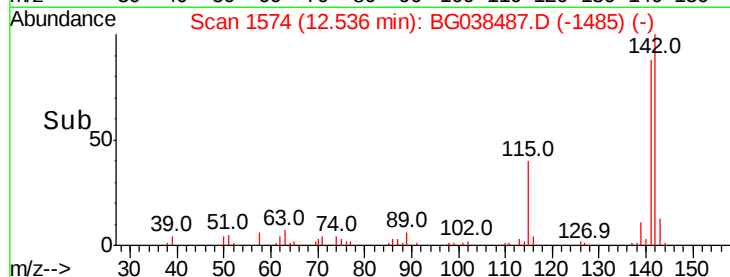
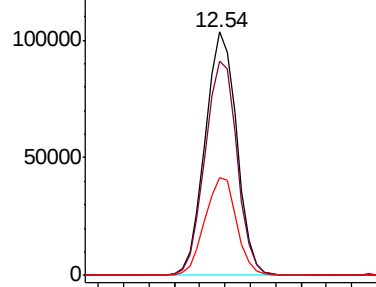
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.2  | 71.9  | 107.9 |
| 115     | 40.0  | 27.8  | 41.8  |

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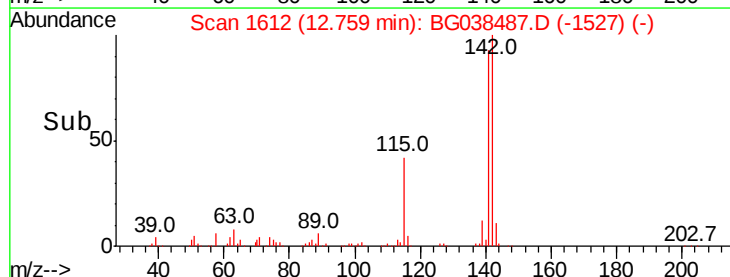
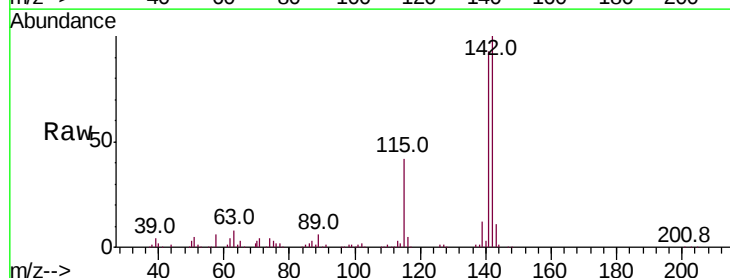
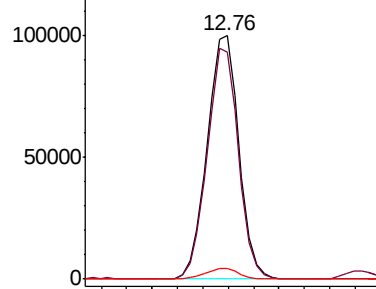
Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

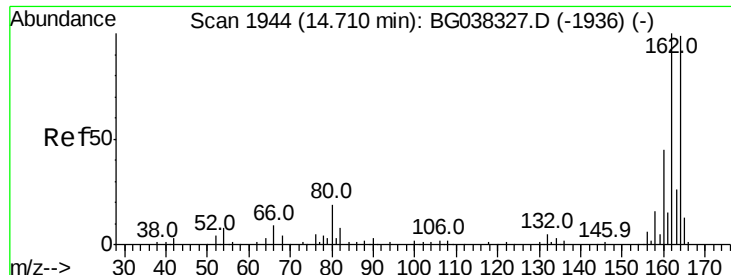


#38  
1-Methylnaphthalene  
Concen: 42.623 ng  
RT: 12.76 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.0  | 75.2  | 112.8 |
| 116     | 4.5   | 3.3   | 4.9   |

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





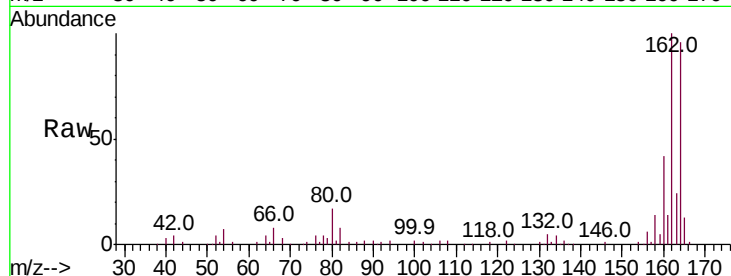
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.70 min Scan# 1943  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.2 | 81.3  | 121.9 |
| 160     | 43.9  | 36.3  | 54.5  |

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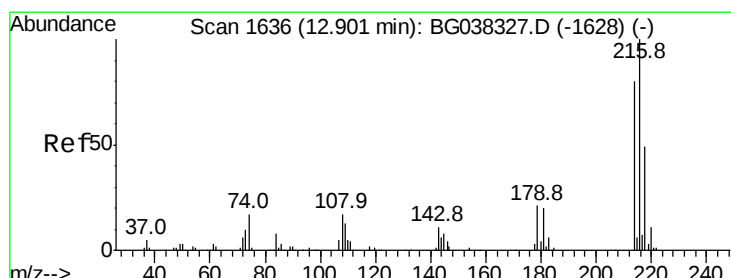
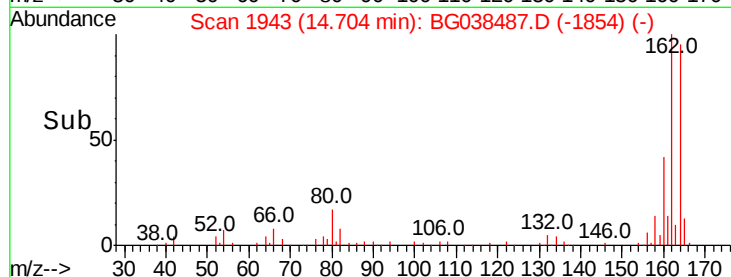
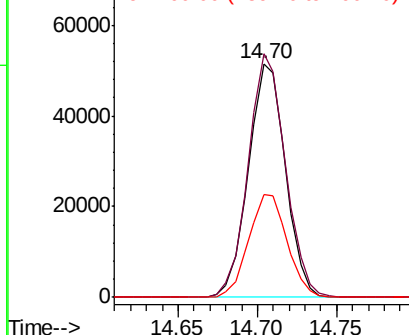


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.650 ng  
RT: 12.90 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.5  | 63.8  | 95.6  |
| 179     | 20.2  | 17.4  | 26.0  |
| 108     | 16.6  | 13.9  | 20.9  |

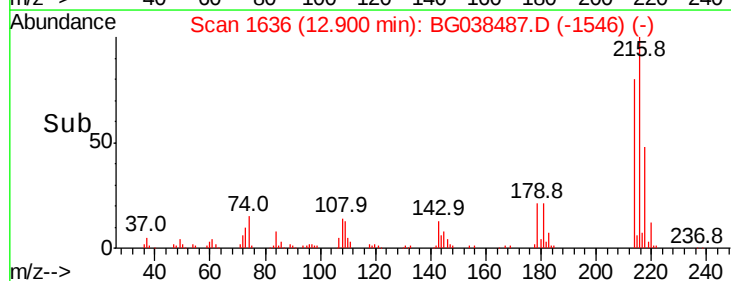
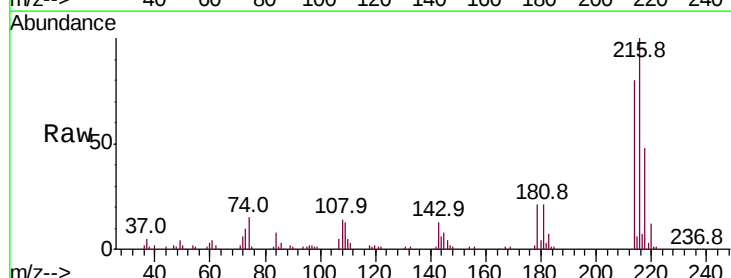
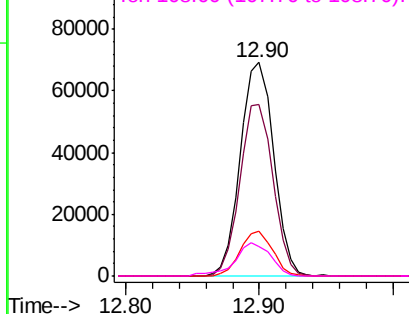
Abundance

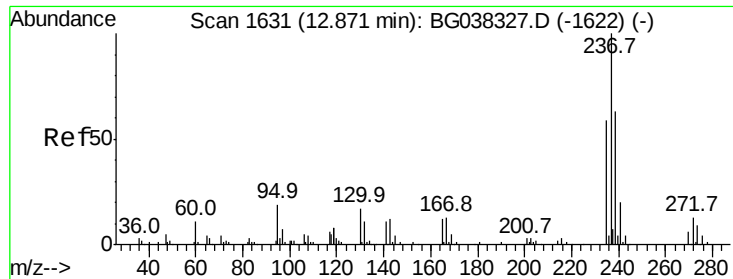
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.105 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

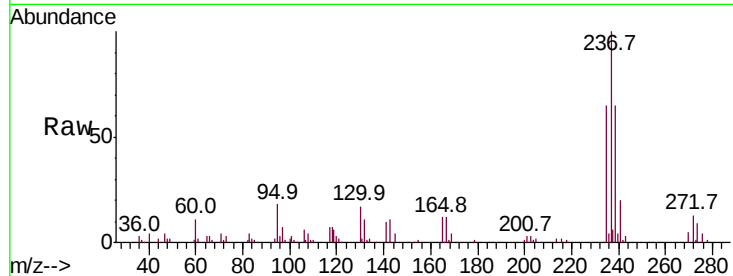
ClientSampleId :

SSTDCCC040EC

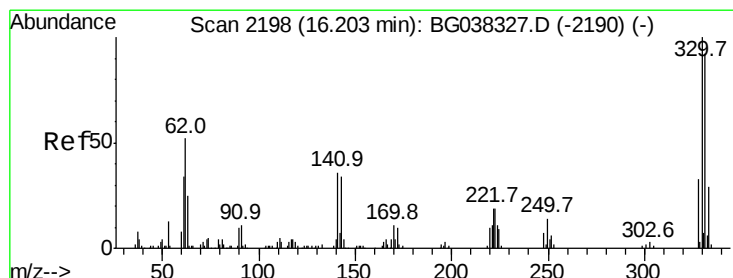
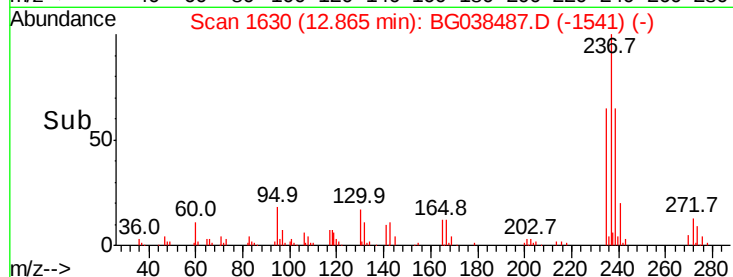
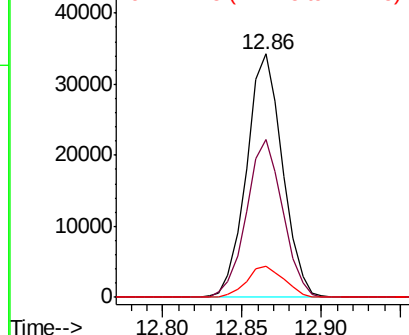
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 53898 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 64.7  | 42.5  | 82.5  |
| 272       | 13.0  | 0.0   | 31.6  |

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



#42

2,4,6-Tribromophenol

Concen: 86.766 ng

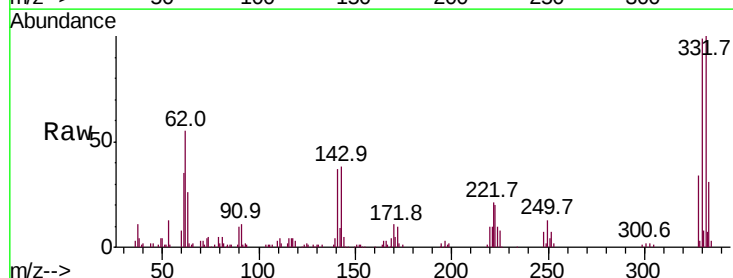
RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

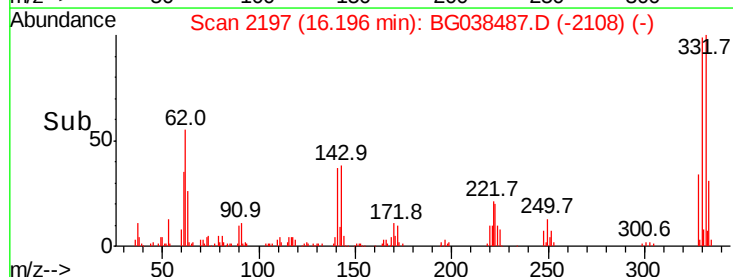
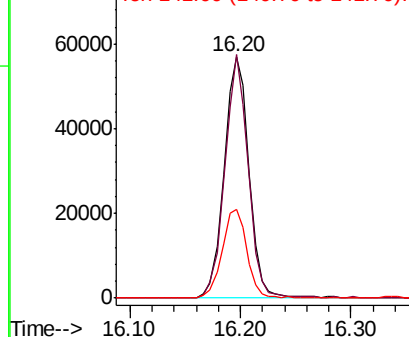
Lab File: BG038487.D

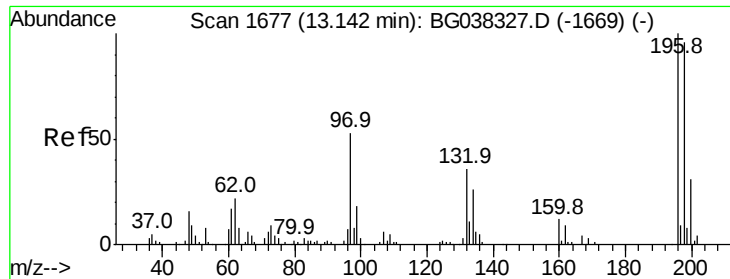
Acq: 12 Dec 2018 2:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 89019 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 95.5  | 78.4  | 117.6 |
| 141       | 36.9  | 32.2  | 48.2  |



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





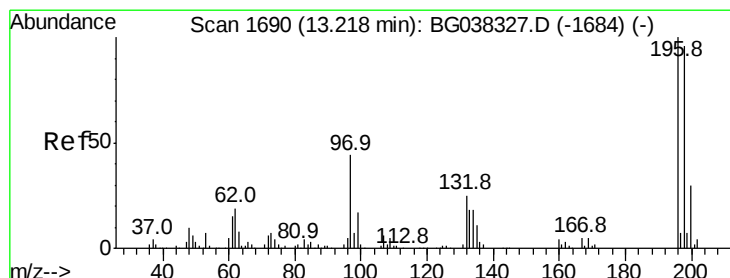
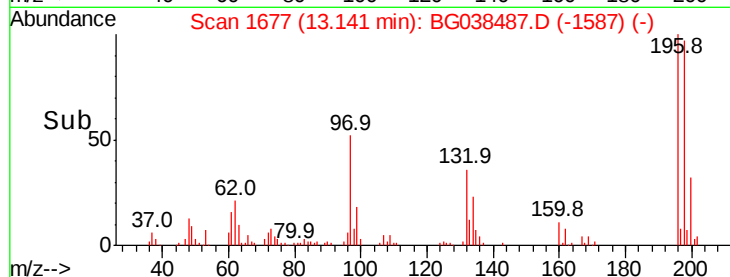
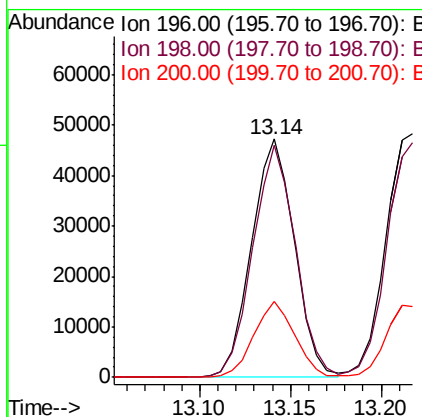
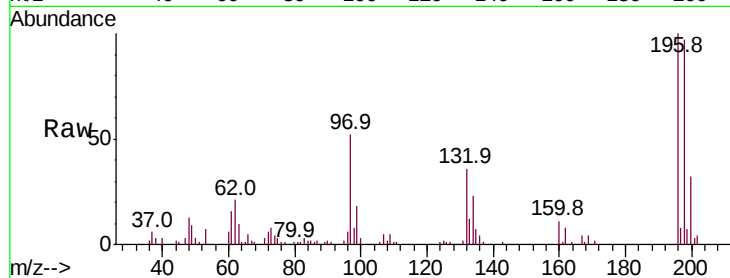
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.707 ng  
 RT: 13.14 min Scan# 1677  
 Delta R.T. -0.00 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 77695 |       |       |
| 198     | 97.4  | 76.4  | 114.6 |       |
| 200     | 31.8  | 24.9  | 37.3  |       |

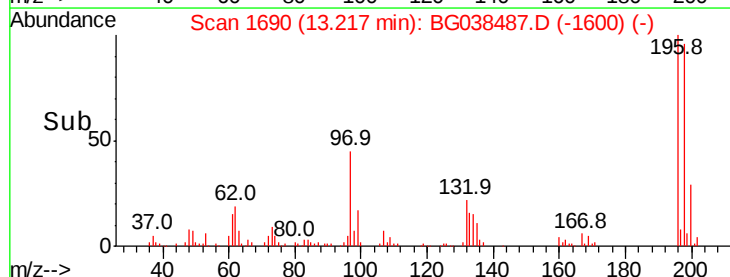
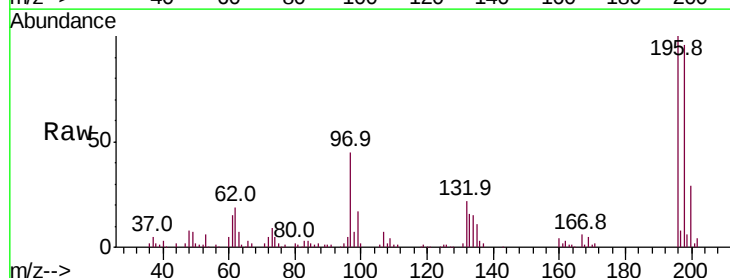
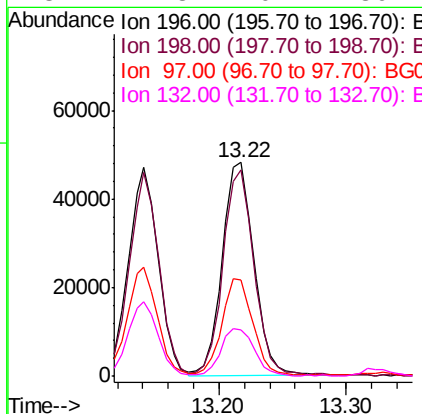
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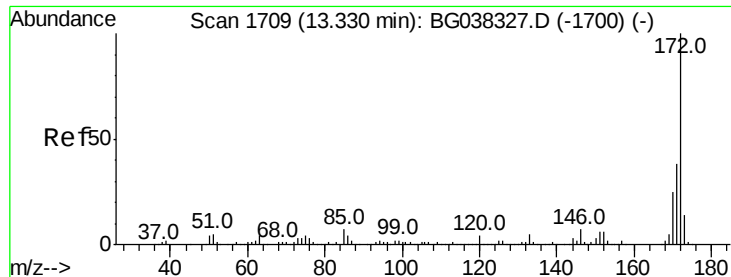
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#44  
 2,4,5-Trichlorophenol  
 Concen: 42.026 ng  
 RT: 13.22 min Scan# 1690  
 Delta R.T. -0.00 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 82938 |       |       |
| 198     | 96.3  | 74.2  | 111.2 |       |
| 97      | 44.8  | 34.1  | 51.1  |       |
| 132     | 21.8  | 20.2  | 30.4  |       |





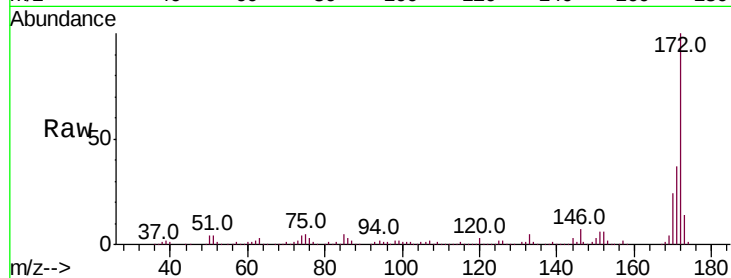
#45  
2-Fluorobiphenyl  
Concen: 80.085 ng  
RT: 13.32 min Scan# 1708  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 469709 |       |       |
| 171     | 37.2  |        | 31.0  | 46.4  |
| 170     | 24.0  |        | 20.2  | 30.2  |

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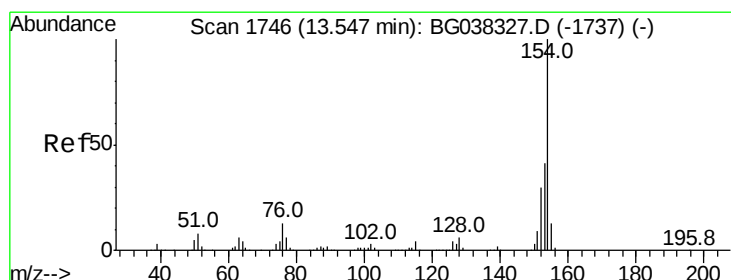
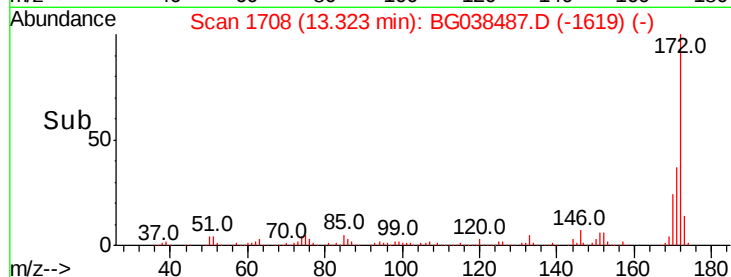
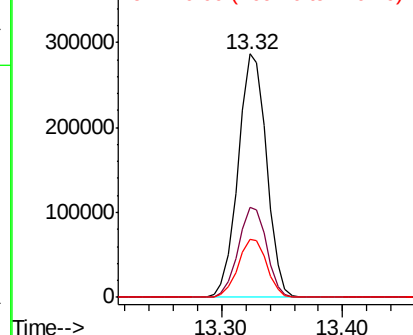


Abundance

Ion 172.00 (171.70 to 172.70): E

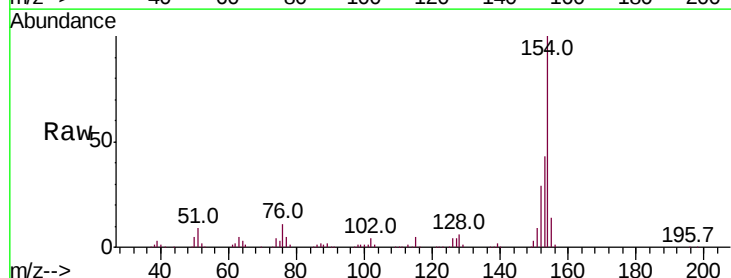
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 38.429 ng  
RT: 13.54 min Scan# 1745  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 271477 |       |       |
| 153     | 43.1  |        | 22.1  | 62.1  |
| 76      | 11.0  |        | 0.0   | 33.2  |

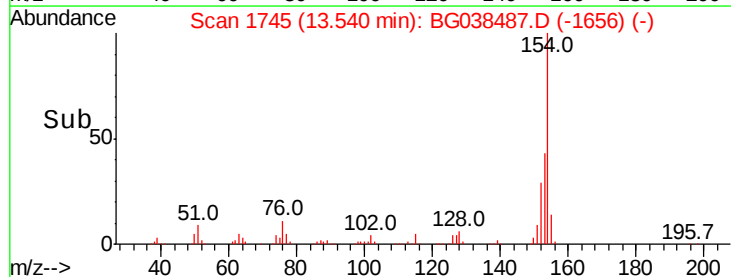
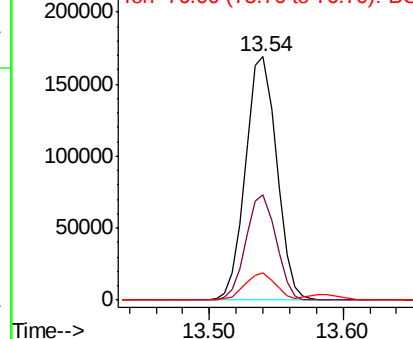


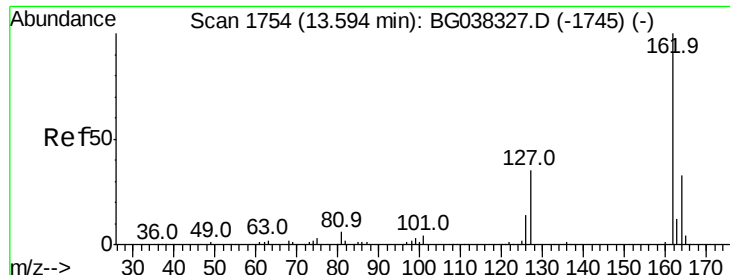
Abundance

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): BG





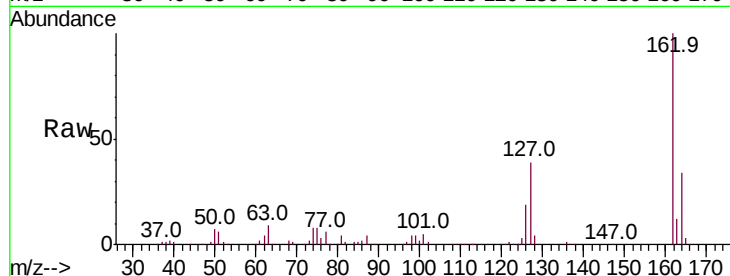
#47  
2-Chloronaphthalene  
Concen: 39.205 ng  
RT: 13.59 min Scan# 1753  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 208990 |       |       |
| 127     | 38.8  |        | 30.5  | 45.7  |
| 164     | 34.0  |        | 26.4  | 39.6  |

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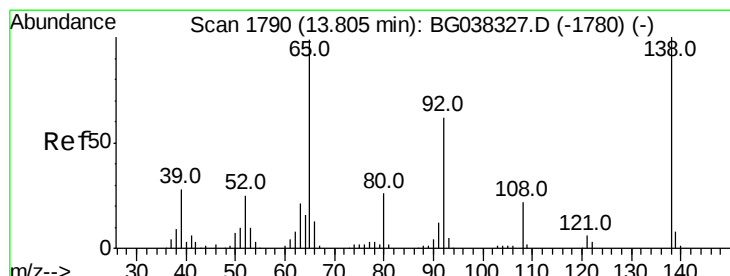
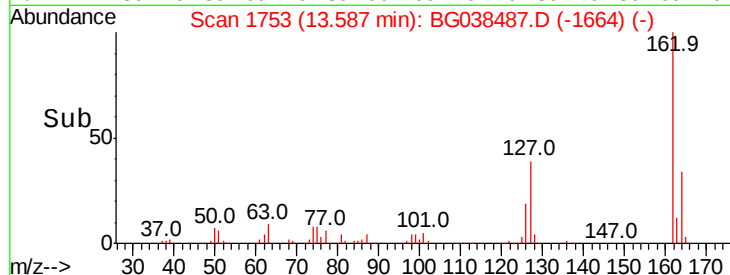
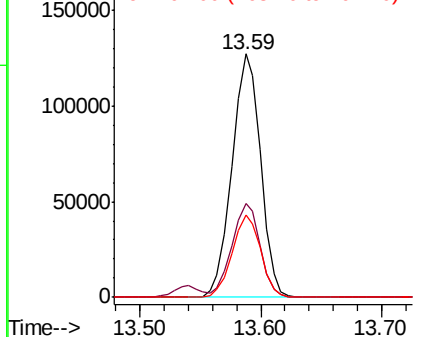


Abundance

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: 39.719 ng  
RT: 13.80 min Scan# 1789  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

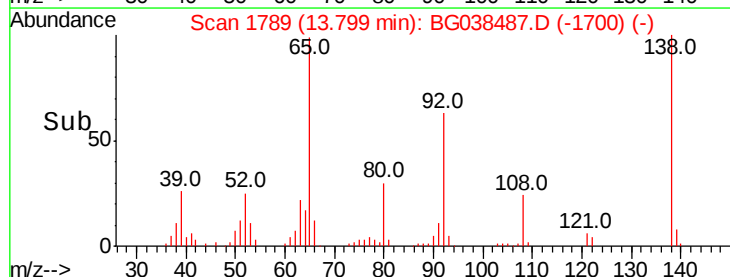
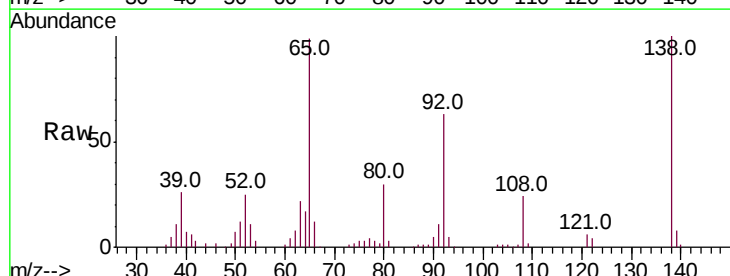
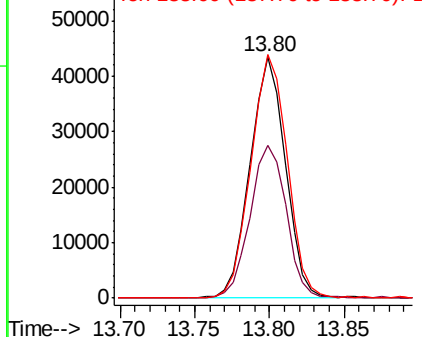
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 71034 |       |       |
| 92      | 63.4  |       | 53.2  | 79.8  |
| 138     | 101.0 |       | 79.3  | 118.9 |

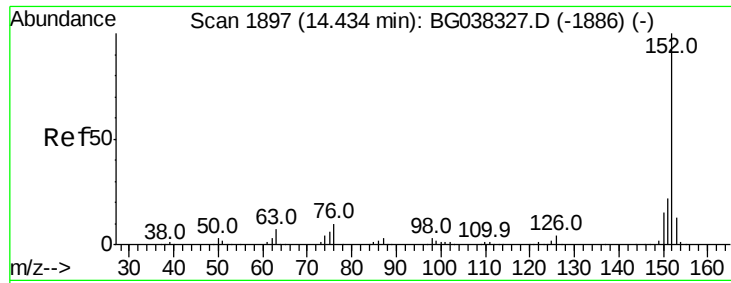
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.256 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

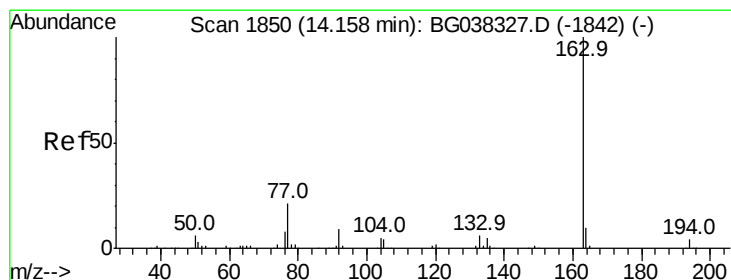
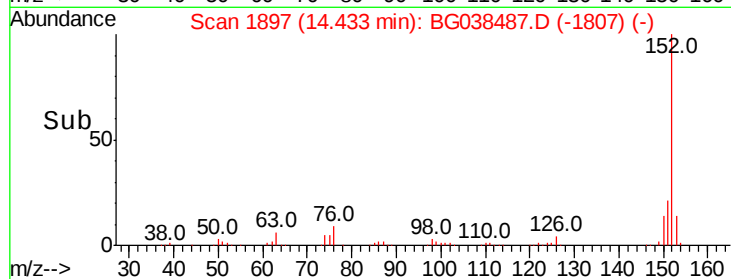
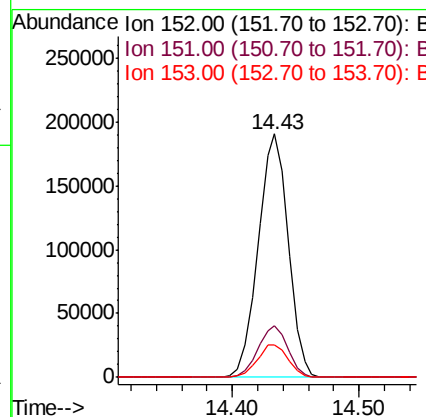
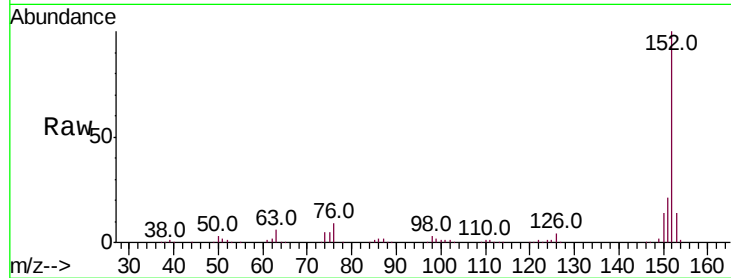
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 315163 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.4  | 17.1  | 25.7   |
| 153       | 13.6  | 11.1  | 16.7   |

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#50

Dimethylphthalate

Concen: 39.397 ng

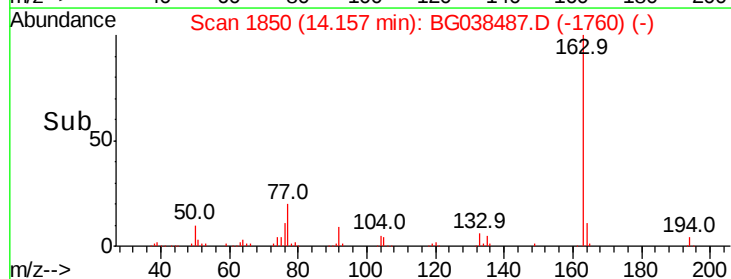
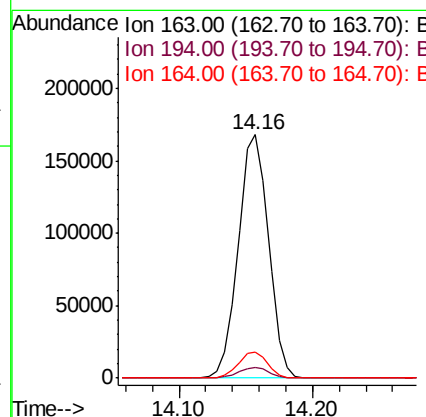
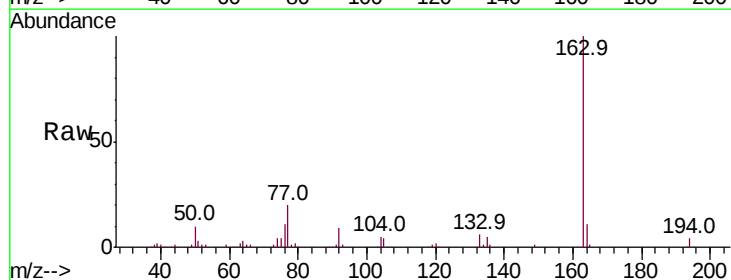
RT: 14.16 min Scan# 1850

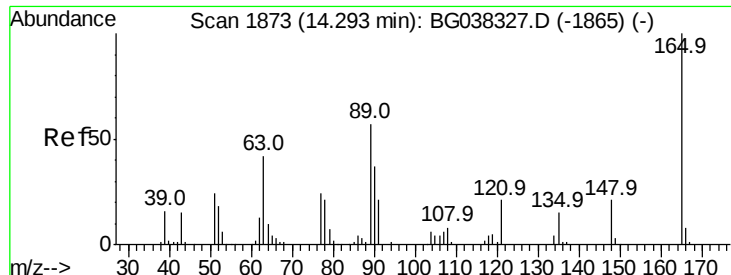
Delta R.T. -0.00 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 264089 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.4   | 3.5   | 5.3    |
| 164       | 10.7  | 8.5   | 12.7   |





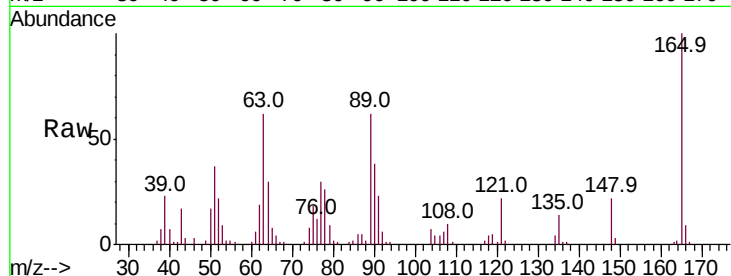
#51  
 2,6-Dinitrotoluene  
 Concen: 39.453 ng  
 RT: 14.29 min Scan# 1872  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

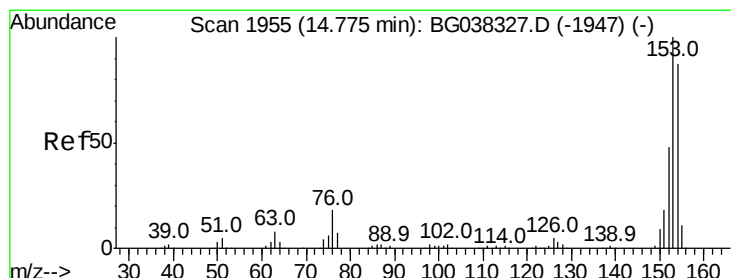
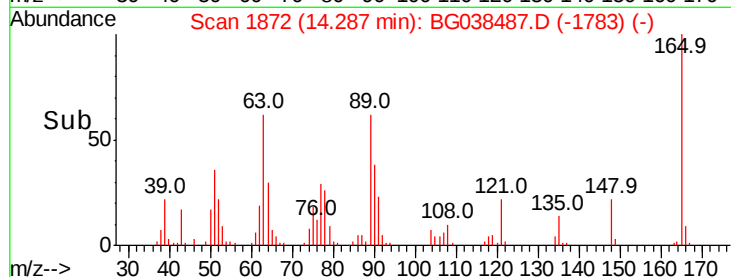
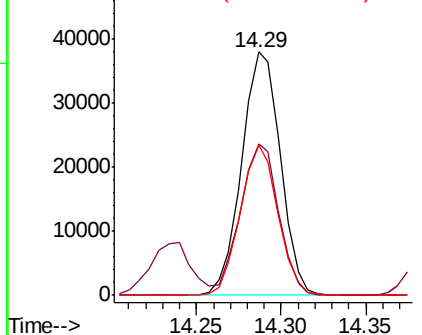
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 60411 |       |       |
| 63      | 62.2  |       | 43.4  | 65.2  |
| 89      | 61.7  |       | 45.8  | 68.6  |

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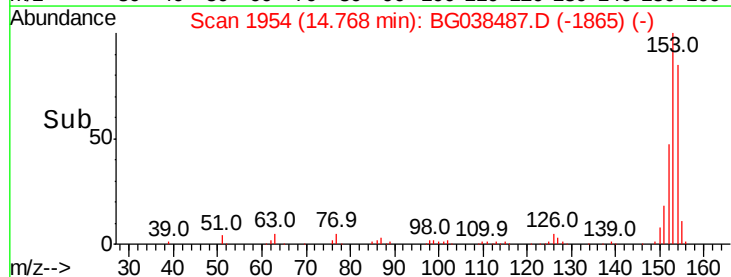
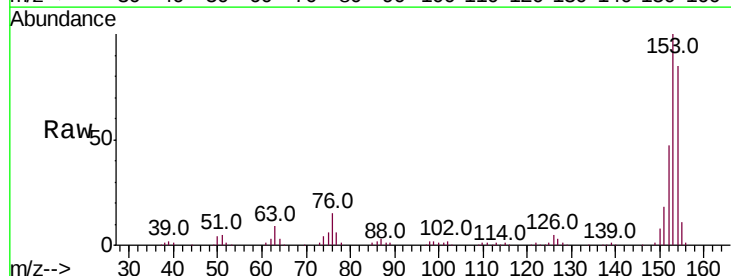
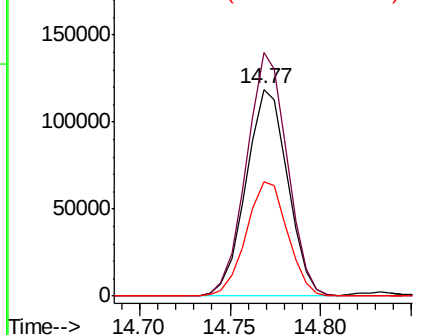
Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

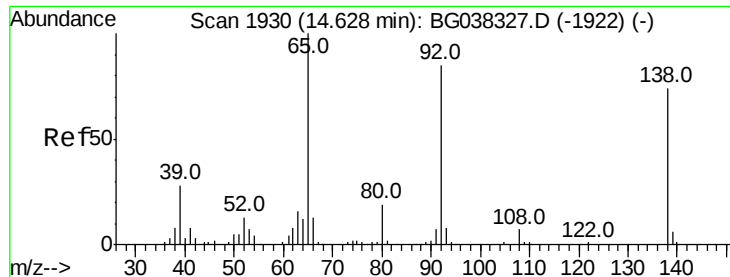


#52  
 Acenaphthene  
 Concen: 38.850 ng  
 RT: 14.77 min Scan# 1954  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 190145 |       |       |
| 153     | 117.9 |        | 93.4  | 140.0 |
| 152     | 55.4  |        | 44.7  | 67.1  |

Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E





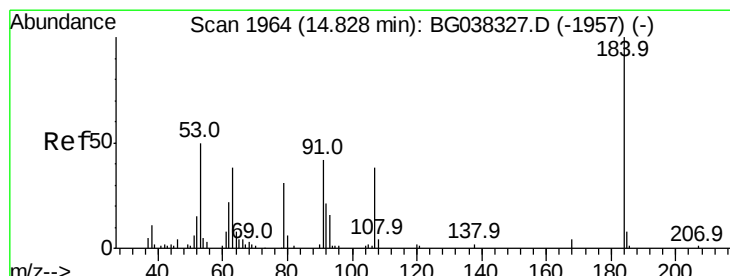
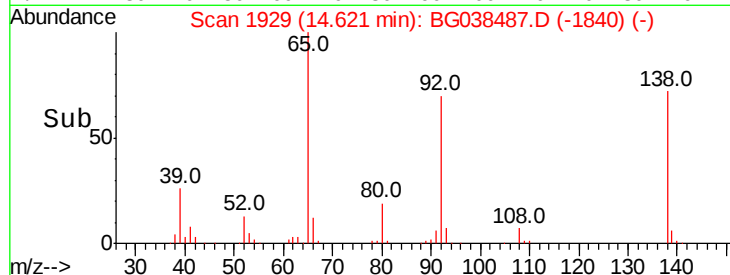
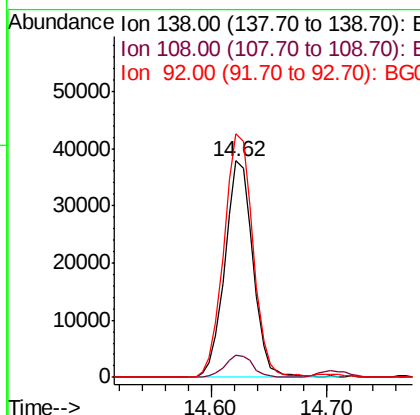
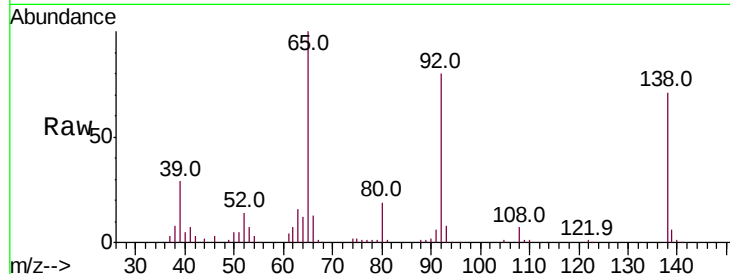
#53  
 3-Nitroaniline  
 Concen: 38.666 ng  
 RT: 14.62 min Scan# 1929  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 11.0  | 16.6# |
| 92      | 112.5 | 95.2  | 142.8 |

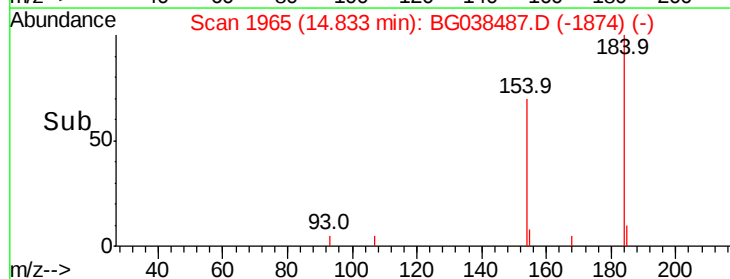
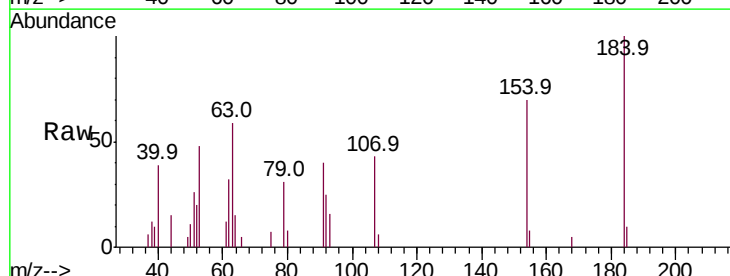
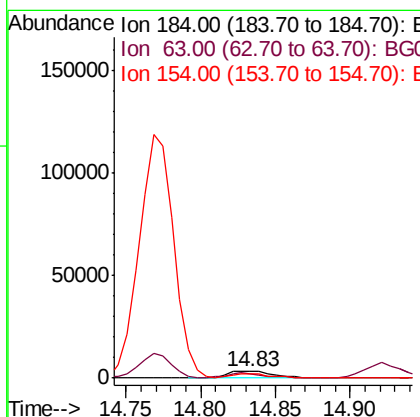
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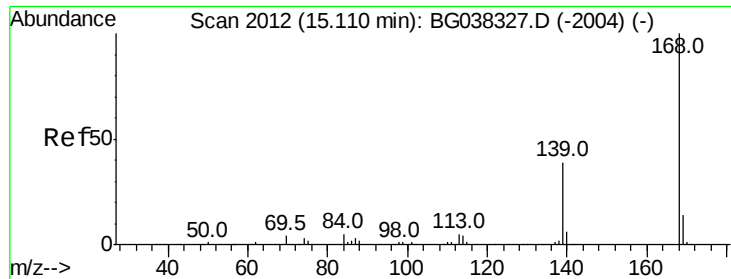
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#54  
 2,4-Dinitrophenol  
 Concen: 8.828 ng  
 RT: 14.83 min Scan# 1965  
 Delta R.T. 0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 59.1  | 42.6  | 63.8  |
| 154     | 70.3  | 41.8  | 62.6# |





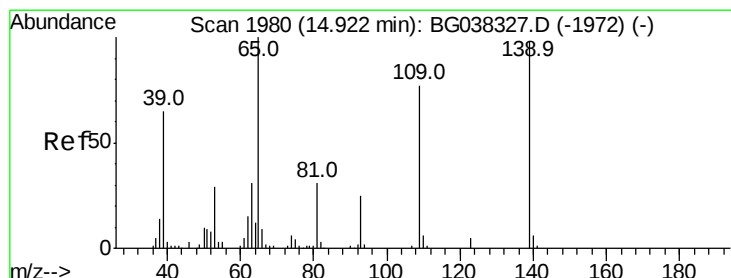
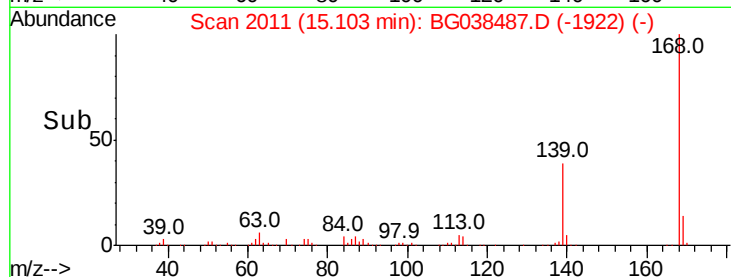
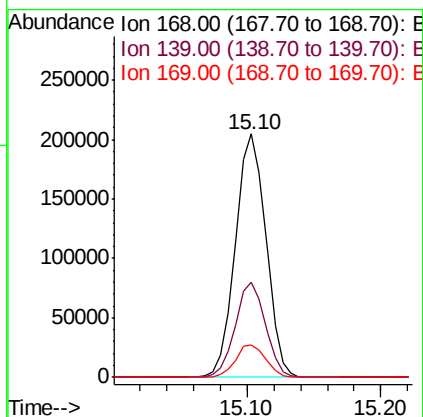
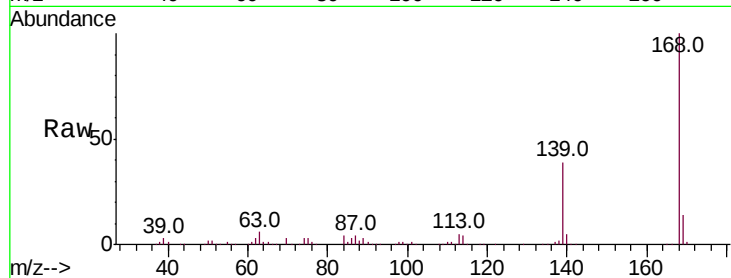
#55  
Dibenzenofuran  
Concen: 40.095 ng  
RT: 15.10 min Scan# 2011  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 39.2  | 29.4 | 44.0  |       |
| 169     | 13.5  | 11.0 | 16.6  |       |

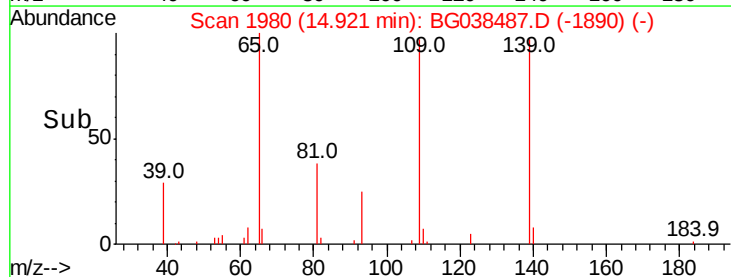
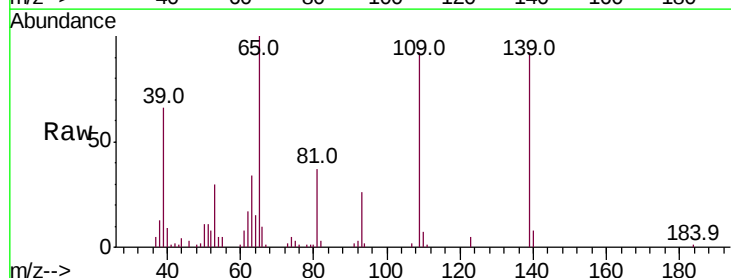
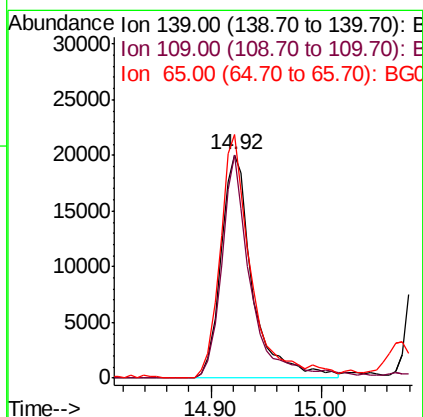
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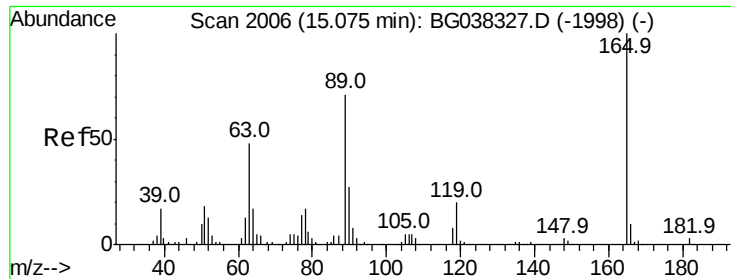
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#56  
4-Nitrophenol  
Concen: 30.549 ng  
RT: 14.92 min Scan# 1980  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 100.0 | 49.5 | 89.5# |       |
| 65      | 109.1 | 76.8 | 116.8 |       |





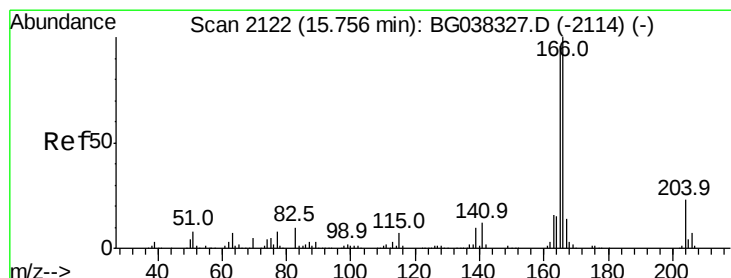
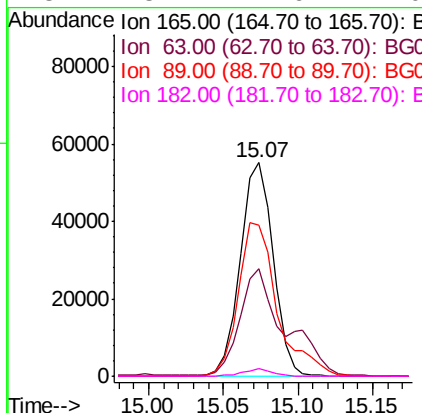
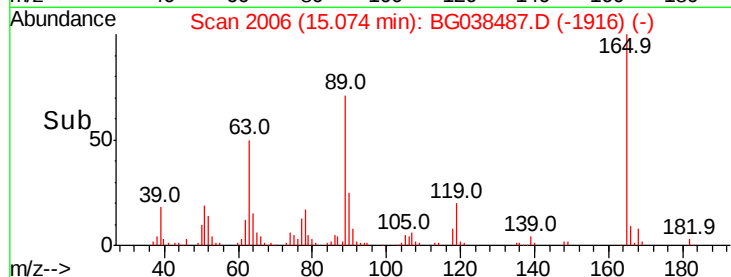
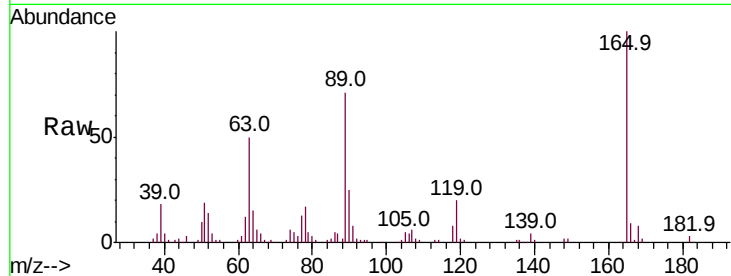
#57  
 2,4-Dinitrotoluene  
 Concen: 39.941 ng  
 RT: 15.07 min Scan# 2006  
 Delta R.T. -0.00 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.4  | 33.4  | 50.0# |
| 89      | 70.6  | 57.2  | 85.8  |
| 182     | 3.4   | 2.6   | 4.0   |

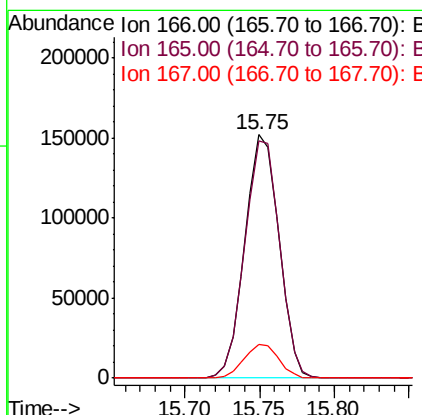
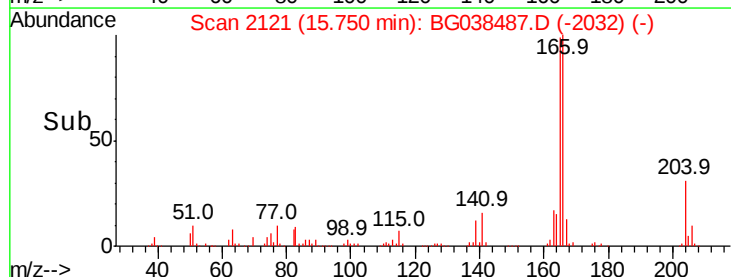
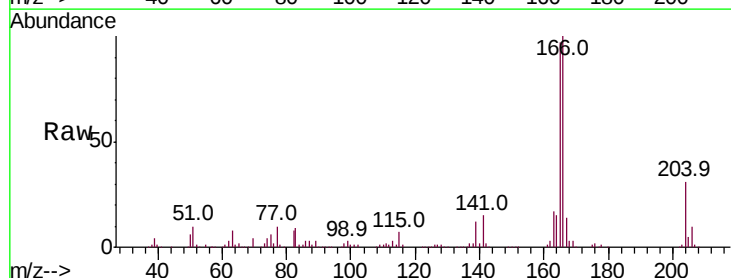
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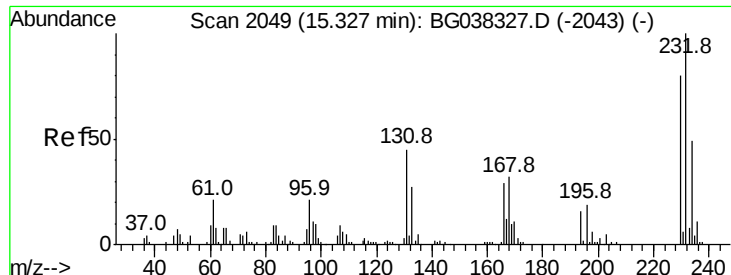
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#58  
 Fluorene  
 Concen: 40.393 ng  
 RT: 15.75 min Scan# 2121  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.4  | 79.0  | 118.6 |
| 167     | 13.7  | 11.3  | 16.9  |





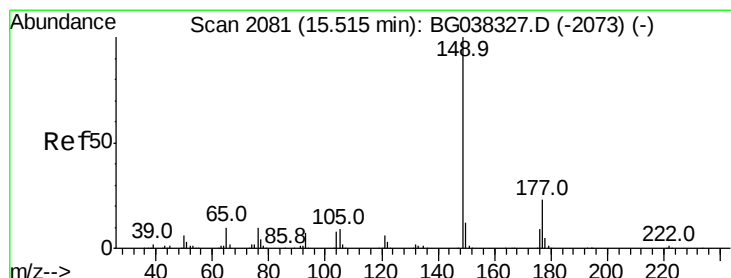
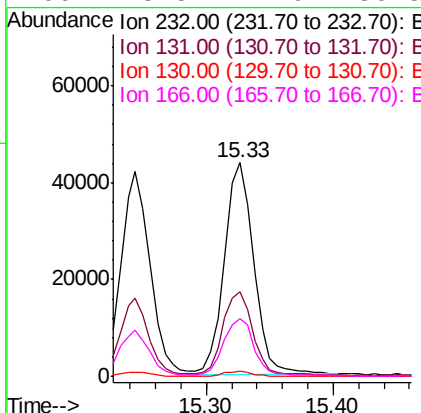
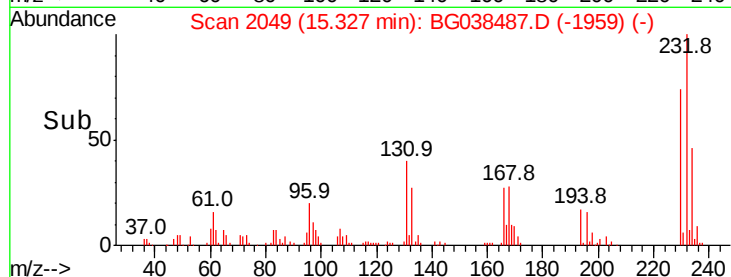
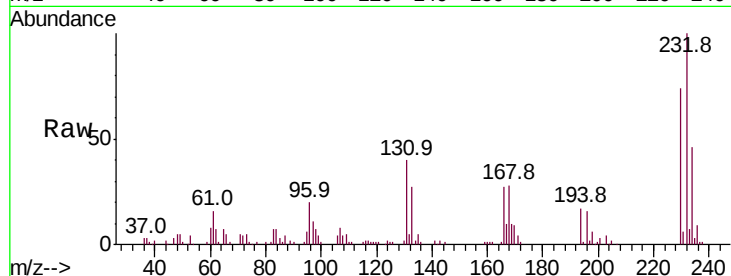
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.407 ng  
 RT: 15.33 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.1  | 33.7  | 50.5  |
| 130     | 2.2   | 2.1   | 3.1   |
| 166     | 28.8  | 24.6  | 36.8  |

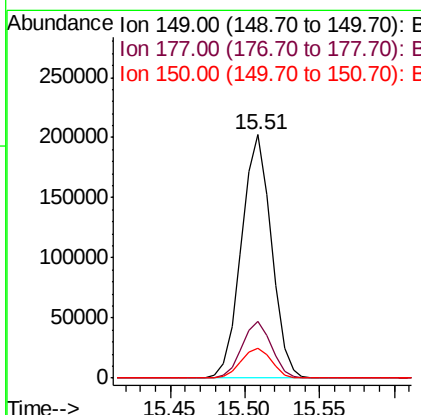
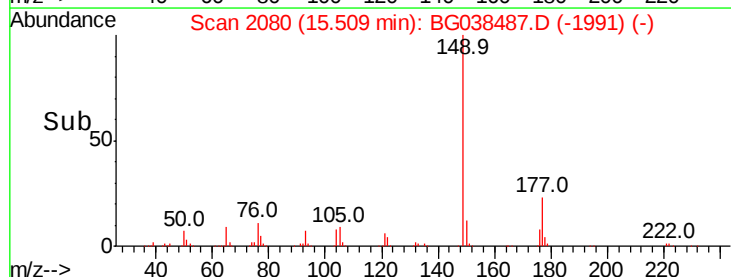
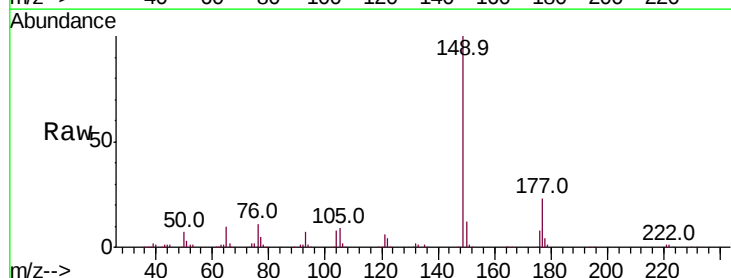
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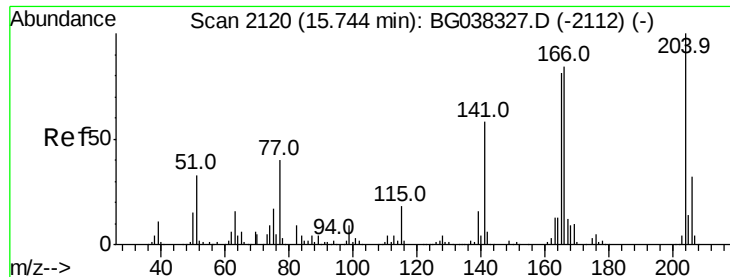
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#60  
 Diethylphthalate  
 Concen: 37.871 ng  
 RT: 15.51 min Scan# 2080  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.1  | 18.3  | 27.5  |
| 150     | 12.4  | 10.0  | 15.0  |





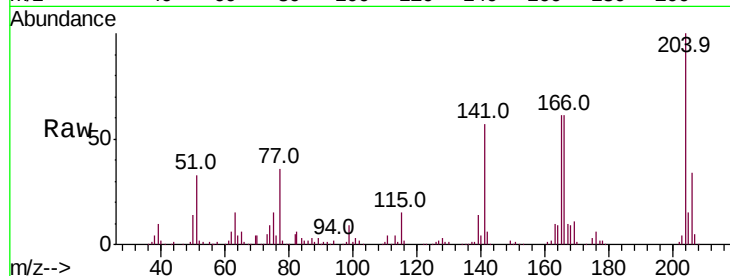
#61  
4-Chlorophenyl-phenylether  
Concen: 42.071 ng  
RT: 15.74 min Scan# 2119  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.2  | 26.6  | 39.8  |
| 141     | 56.6  | 45.4  | 68.2  |

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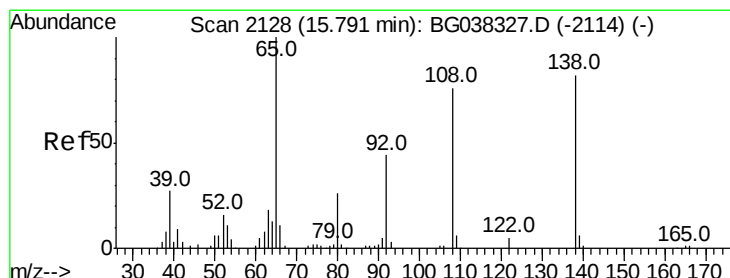
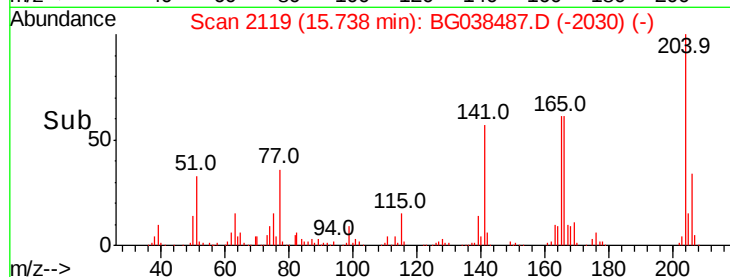
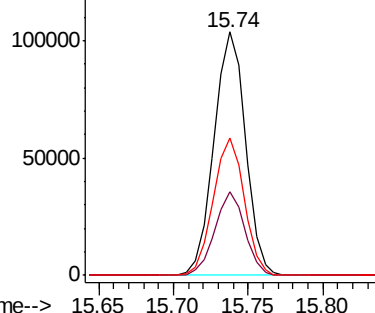


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 39.389 ng  
RT: 15.78 min Scan# 2127  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

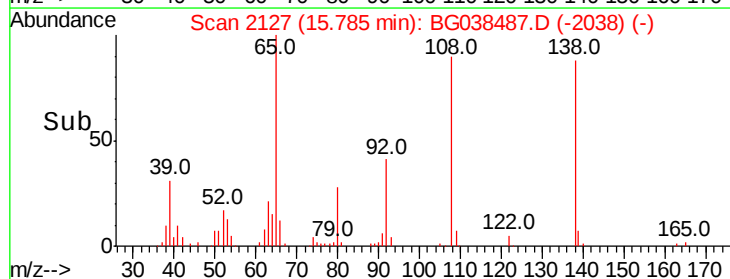
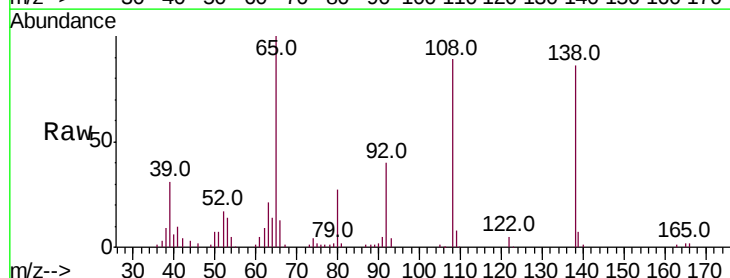
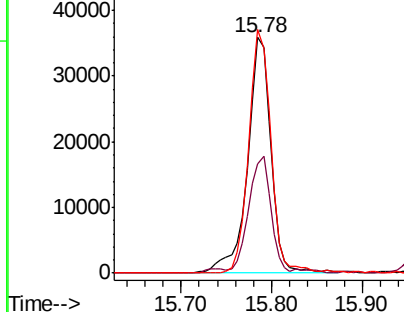
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 46.3  | 36.4  | 76.4   |
| 108     | 103.4 | 60.1  | 100.1# |

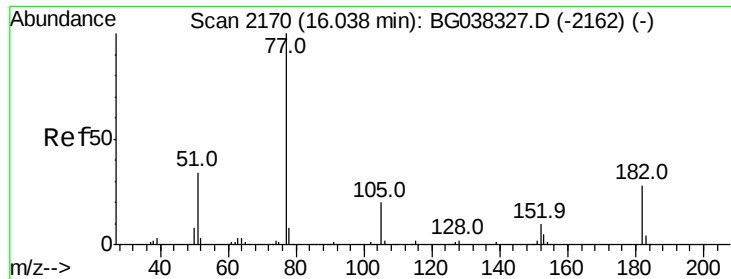
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





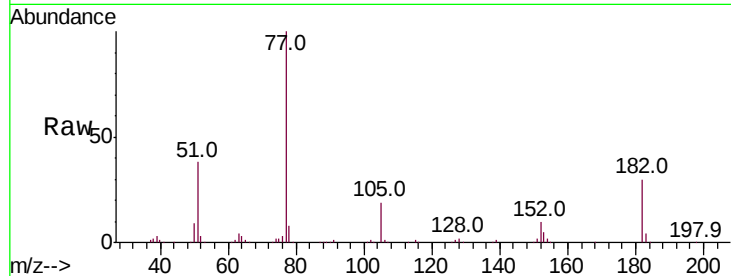
#63  
Azobenzene  
Concen: 37.819 ng  
RT: 16.03 min Scan# 2169  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 30.1  | 8.0   | 48.0  |
| 105     | 18.8  | 1.3   | 41.3  |
| 51      | 38.4  | 10.7  | 50.7  |

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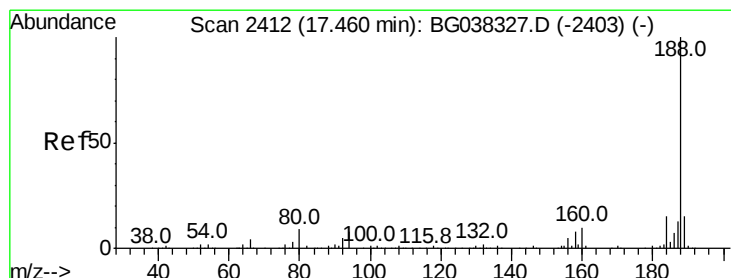
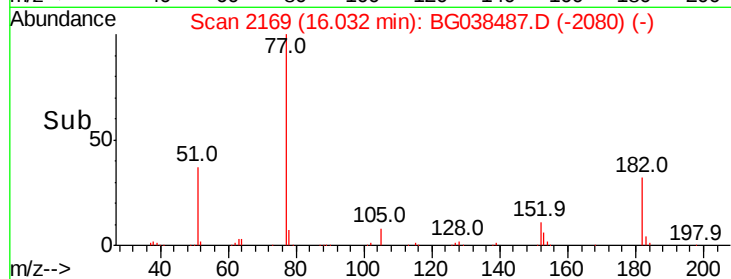
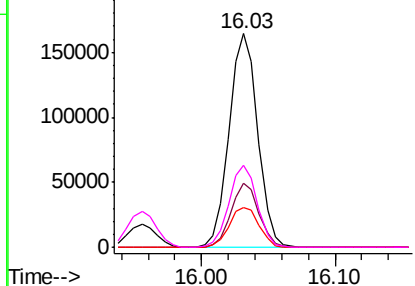
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.45 min Scan# 2411  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

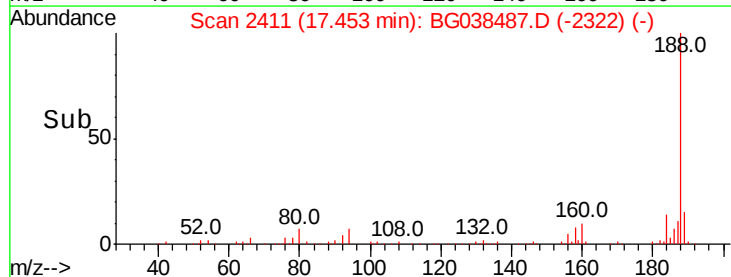
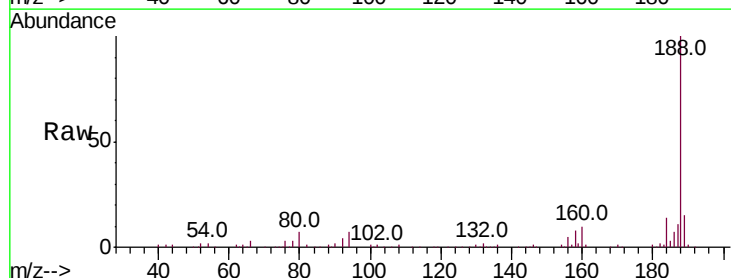
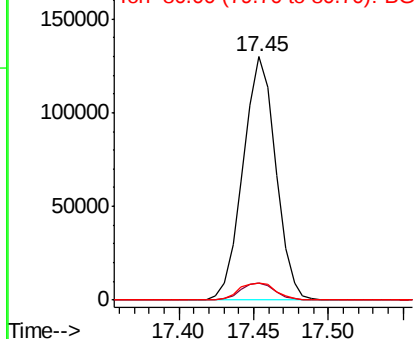
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.3   | 7.2   | 10.8  |
| 80      | 7.2   | 7.7   | 11.5# |

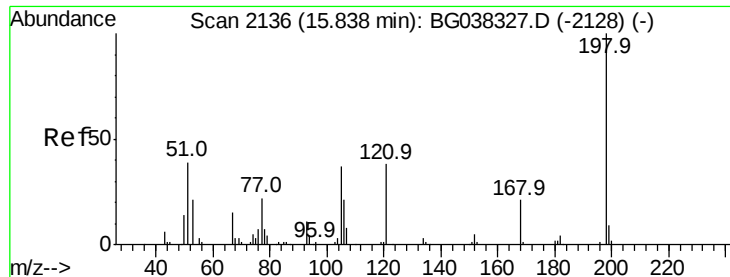
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 22.576 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:198 Resp: 29127

Ion Ratio Lower Upper

198 100

51 49.7 22.7 62.7

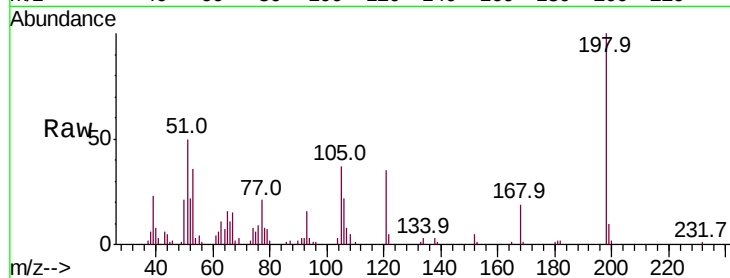
105 36.5 19.7 59.7

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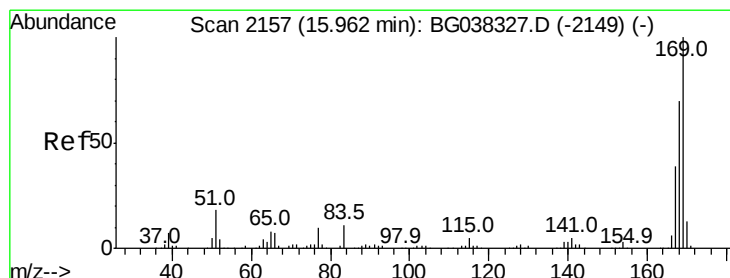
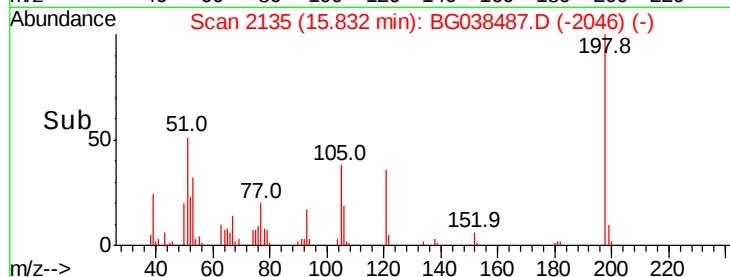
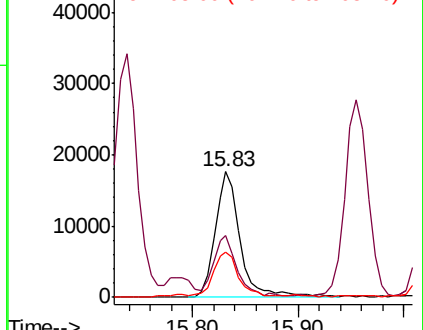
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.790 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

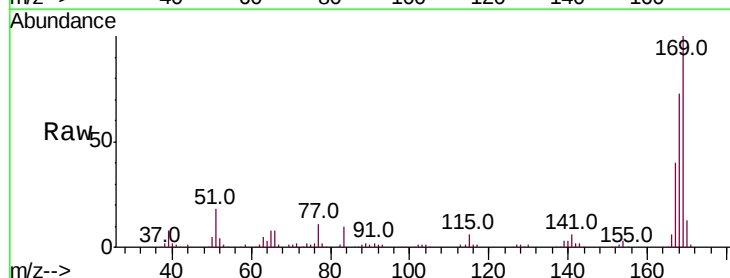
Tgt Ion:169 Resp: 236941

Ion Ratio Lower Upper

169 100

168 72.6 55.7 83.5

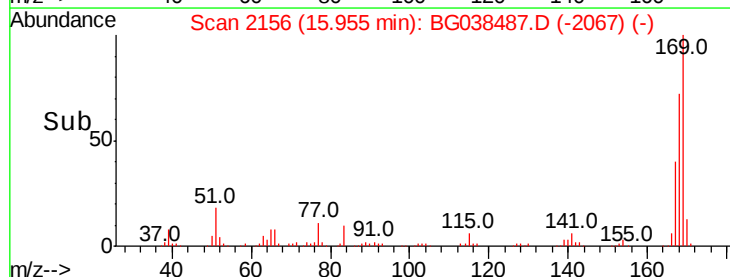
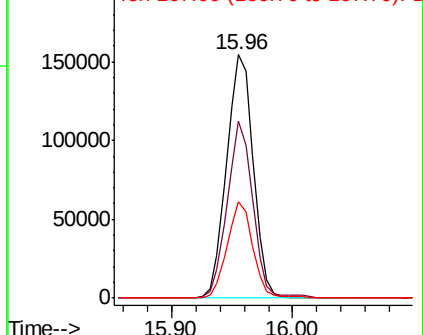
167 39.7 31.3 46.9

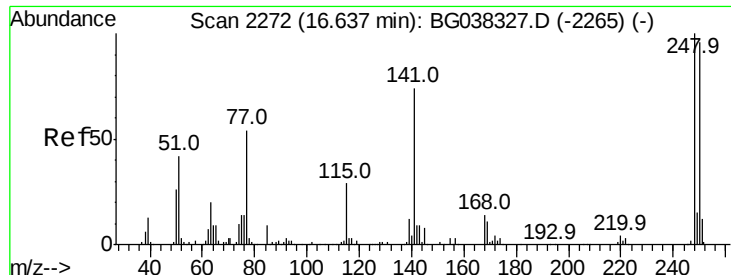


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





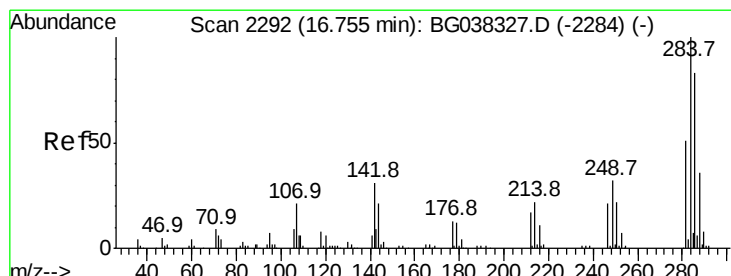
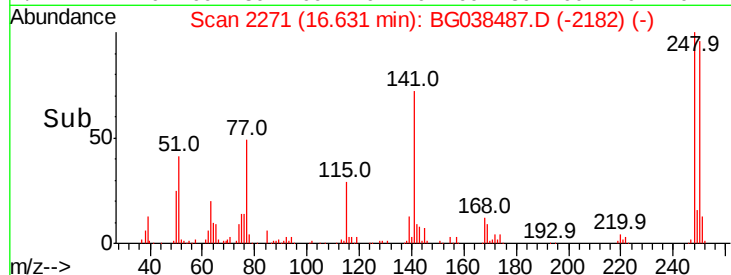
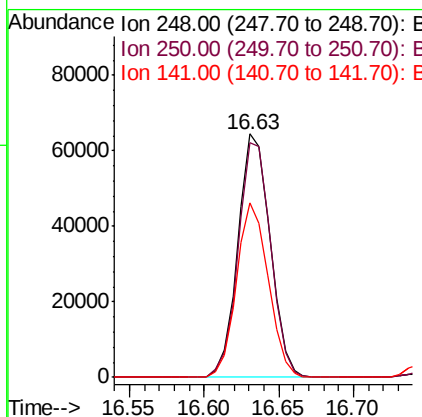
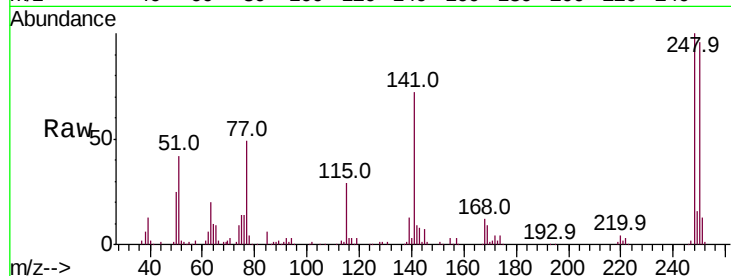
#67  
 4-Bromophenyl-phenylether  
 Concen: 45.454 ng  
 RT: 16.63 min Scan# 2271  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 248   | Resp: | 96655 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 96.4  | 77.0  | 115.6 |
| 141       | 71.5  | 55.5  | 83.3  |

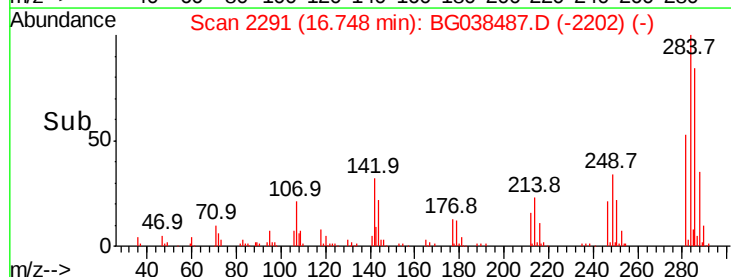
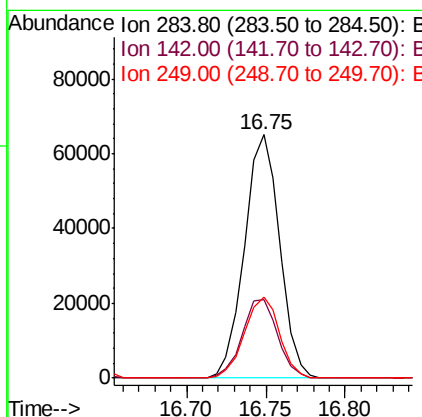
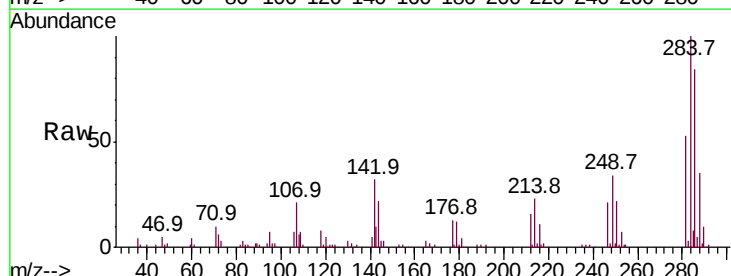
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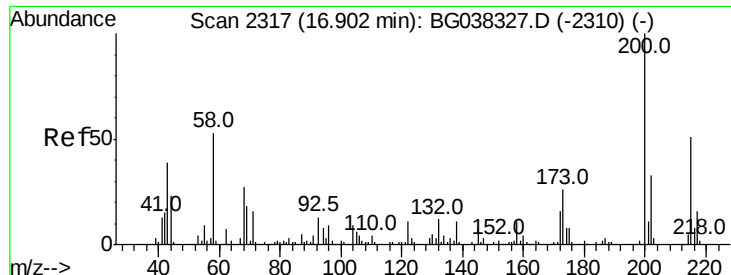
Sohil  
 12/12/2018 5:38:47 PM



#68  
 Hexachlorobenzene  
 Concen: 45.679 ng  
 RT: 16.75 min Scan# 2291  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 100191 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 32.4  | 28.1  | 42.1   |
| 249       | 35.8  | 29.8  | 44.8   |





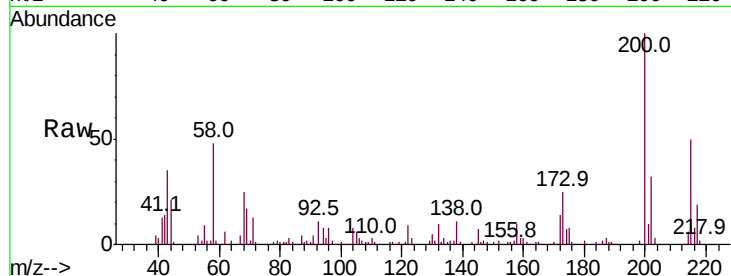
#69  
Atrazine  
Concen: 42.930 ng  
RT: 16.90 min Scan# 2317  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

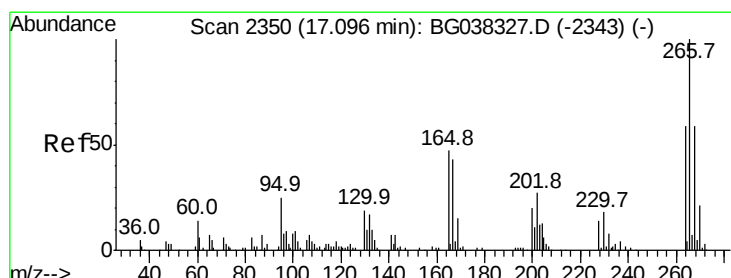
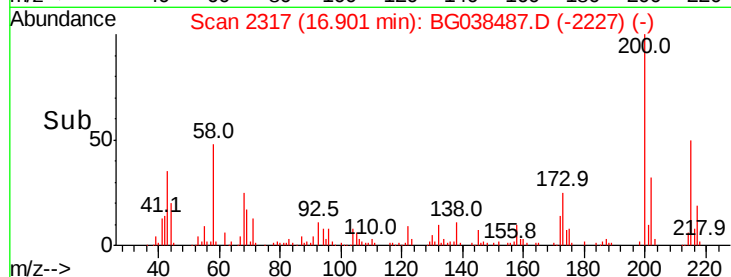
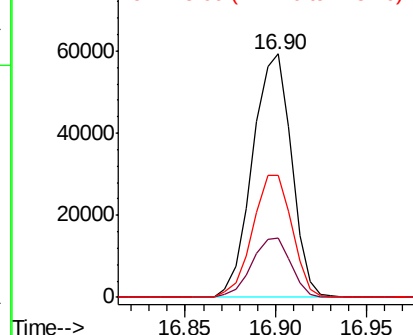
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.5  | 6.1   | 46.1  |
| 215     | 49.9  | 30.8  | 70.8  |

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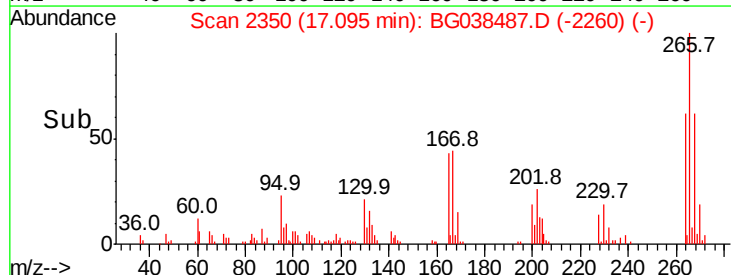
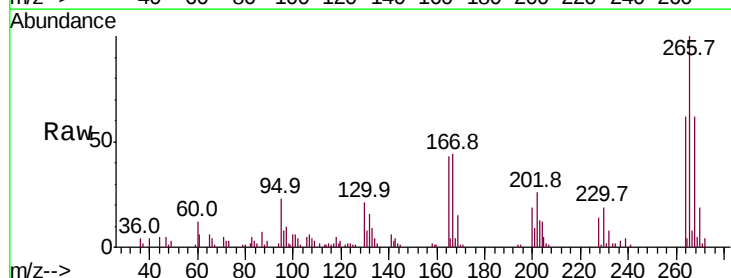
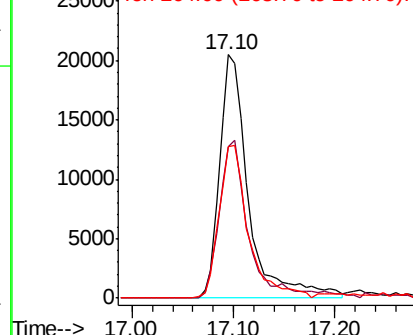
Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

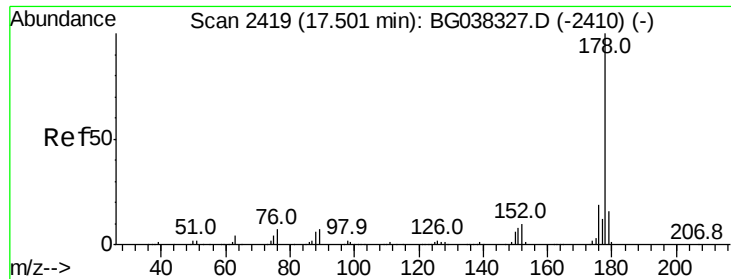


#70  
Pentachlorophenol  
Concen: 27.020 ng  
RT: 17.10 min Scan# 2350  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.4  | 55.0  | 82.6  |
| 264     | 66.0  | 58.9  | 88.3  |

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





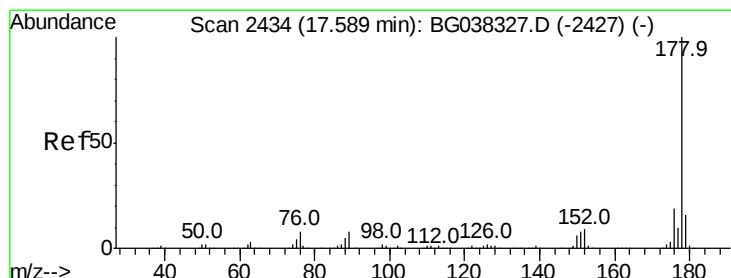
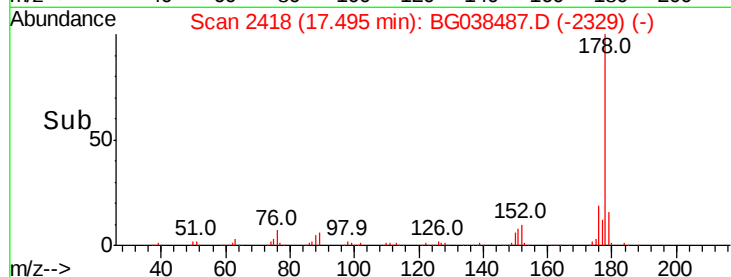
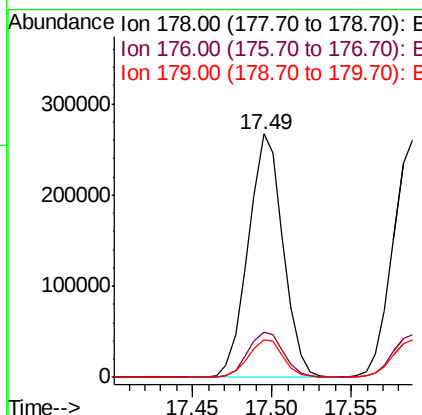
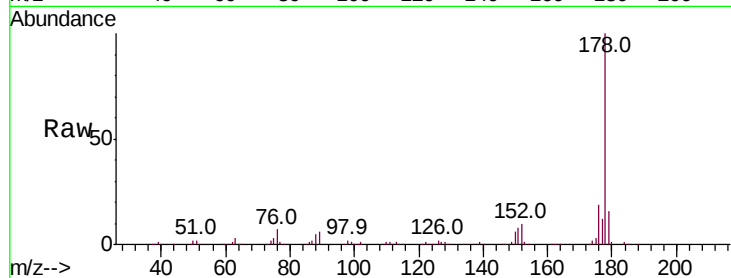
#71  
Phenanthrene  
Concen: 41.271 ng  
RT: 17.49 min Scan# 2418  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 16.1  | 24.1  |
| 179     | 15.6  | 13.0  | 19.4  |

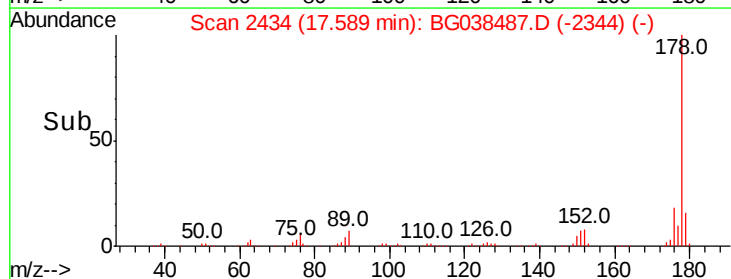
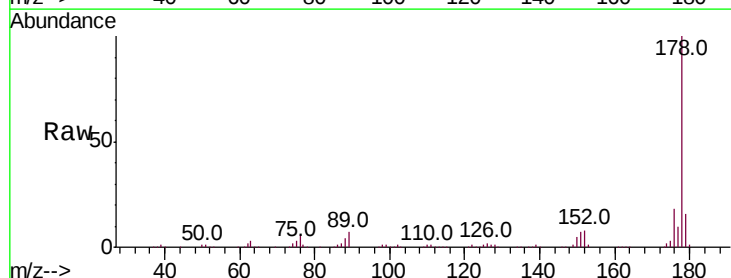
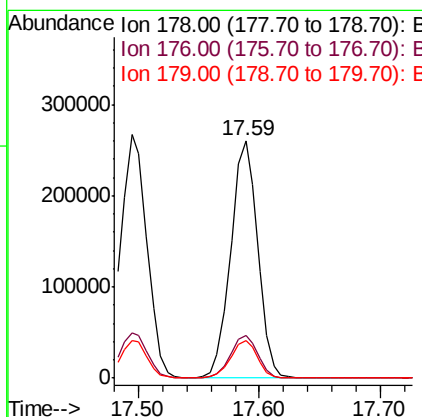
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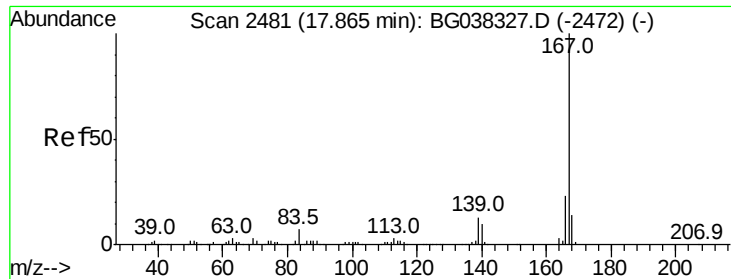
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#72  
Anthracene  
Concen: 42.352 ng  
RT: 17.59 min Scan# 2434  
Delta R.T. -0.00 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.0  | 15.0  | 22.4  |
| 179     | 15.6  | 12.8  | 19.2  |





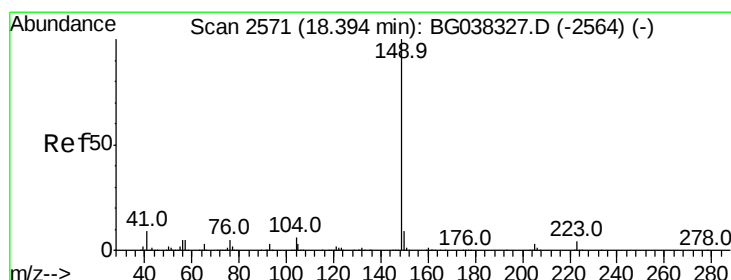
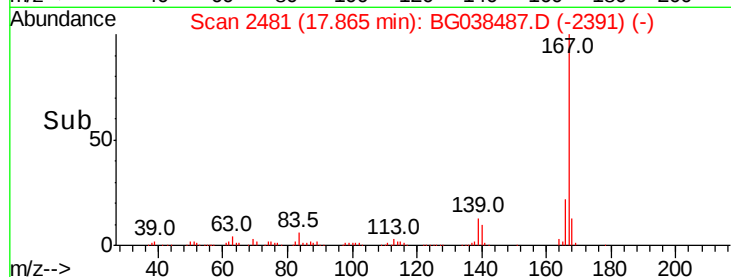
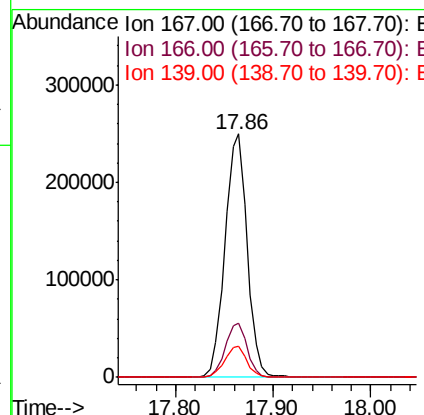
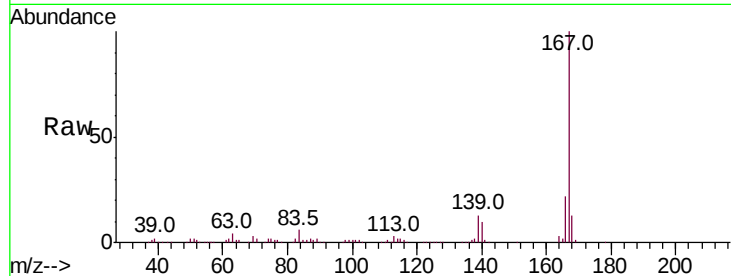
#73  
 Carbazole  
 Concen: 41.389 ng  
 RT: 17.86 min Scan# 2481  
 Delta R.T. -0.00 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.3  | 18.3  | 27.5  |
| 139     | 12.6  | 10.5  | 15.7  |

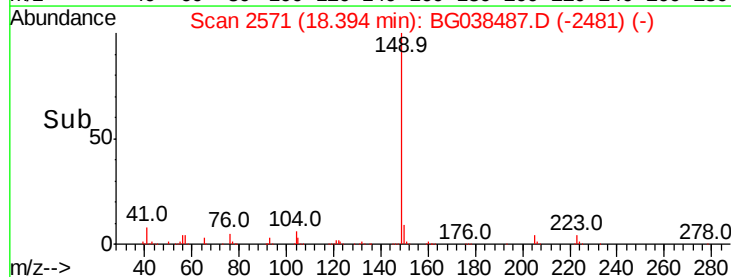
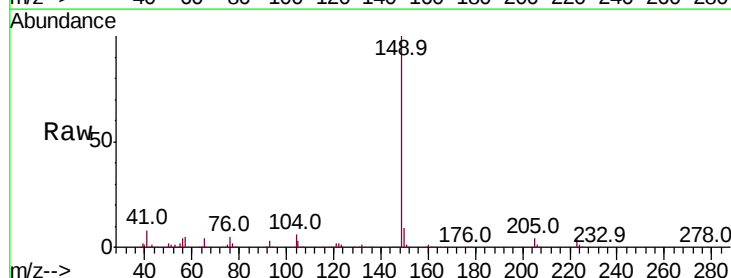
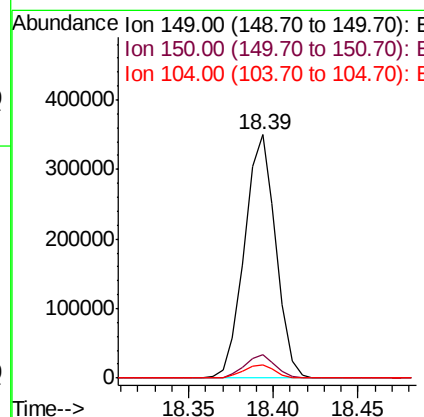
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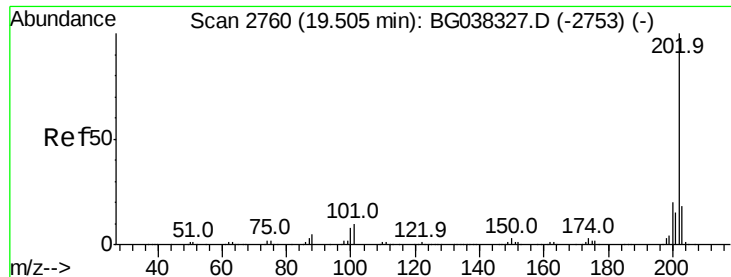
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#74  
 Di-n-butylphthalate  
 Concen: 40.667 ng  
 RT: 18.39 min Scan# 2571  
 Delta R.T. -0.00 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 8.2   | 12.2  |
| 104     | 5.6   | 4.0   | 6.0   |





#75

Fluoranthene

Concen: 41.980 ng

RT: 19.50 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

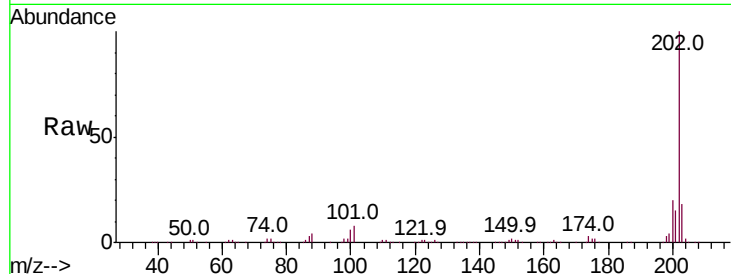
ClientSampleId :

SSTDCCC040EC

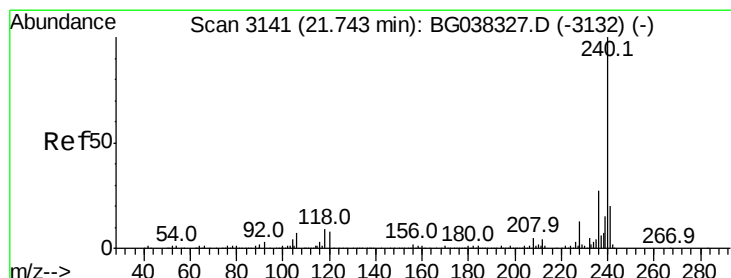
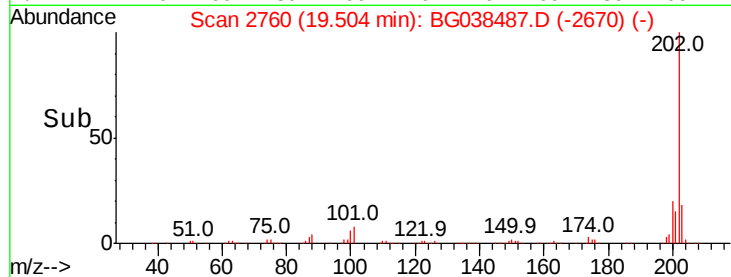
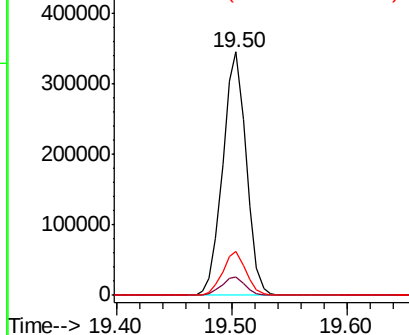
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 483663 |       |       |
| 101     | 7.5   | 0.0    | 30.7  |       |
| 203     | 18.1  | 0.0    | 38.5  |       |

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



#76

Chrysene-d12

Concen: 20.000 ng

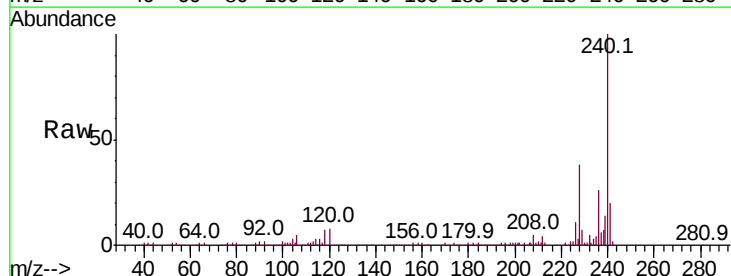
RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

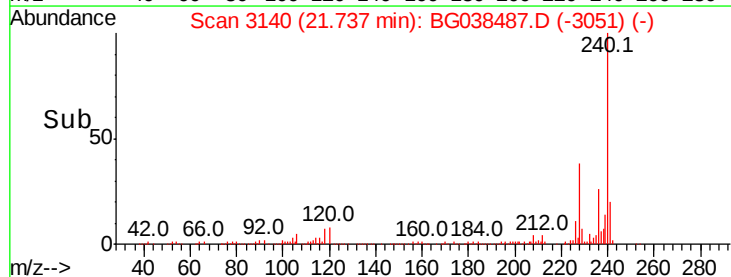
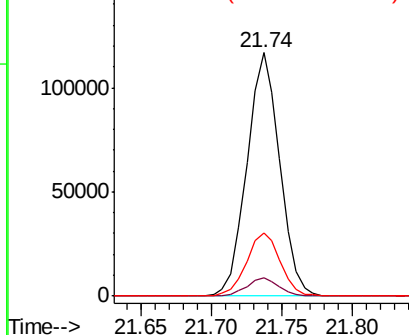
Lab File: BG038487.D

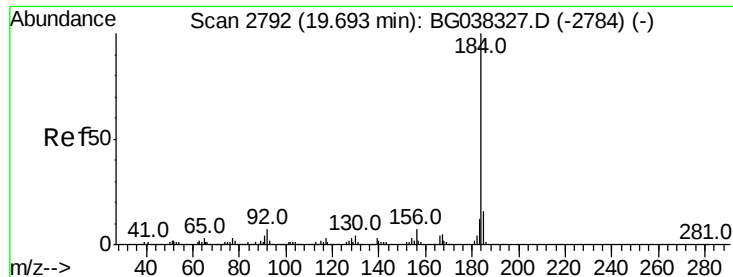
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 190259 |       |       |
| 120     | 7.6   | 8.1    | 12.1# |       |
| 236     | 25.9  | 21.4   | 32.0  |       |



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





#77

Benzidine

Concen: 37.427 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

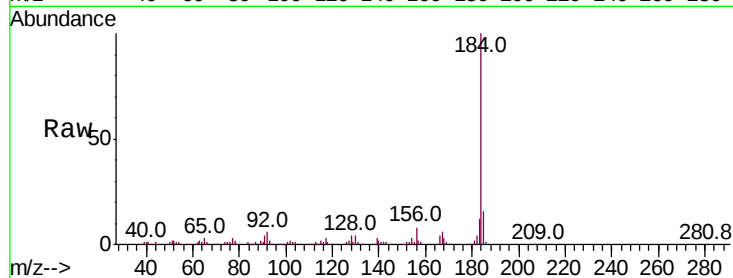
ClientSampleId :

SSTDCCC040EC

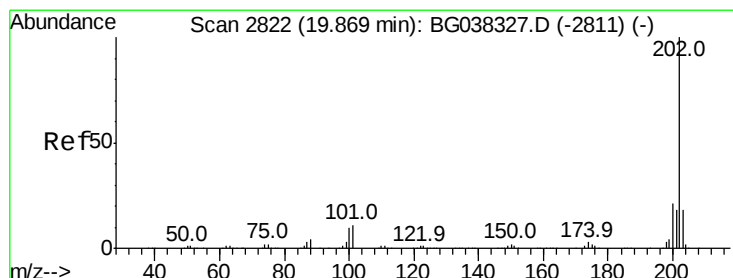
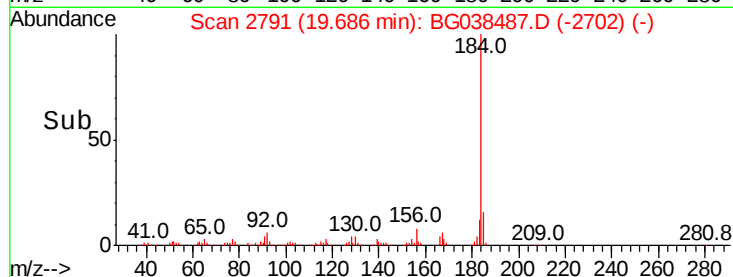
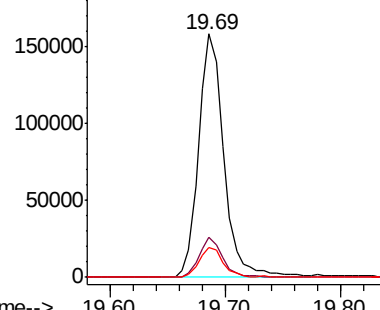
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 240290 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 16.3  | 12.6  | 18.8   |
| 183       | 12.3  | 10.2  | 15.2   |

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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.873 ng

RT: 19.87 min Scan# 2822

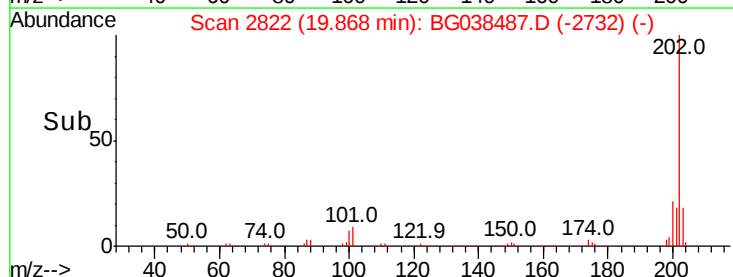
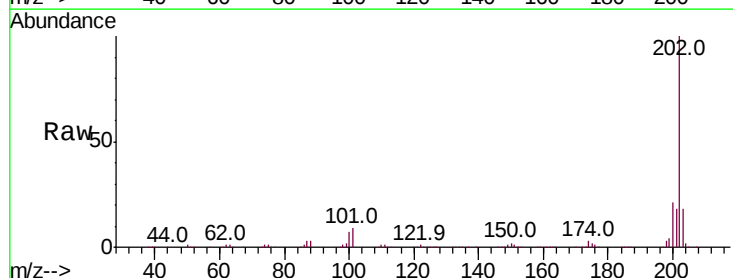
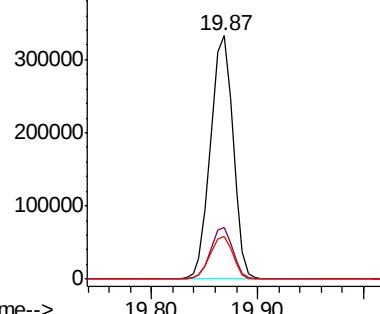
Delta R.T. -0.00 min

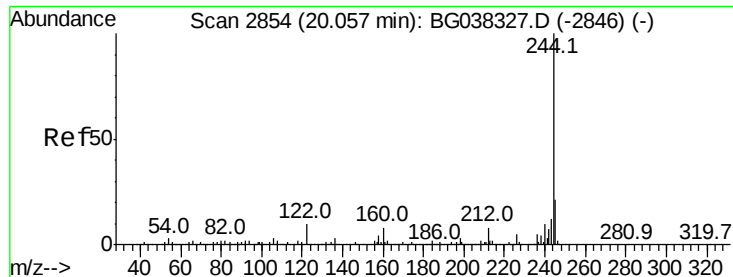
Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 490849 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.3  | 17.8  | 26.6   |
| 203       | 17.6  | 15.2  | 22.8   |

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





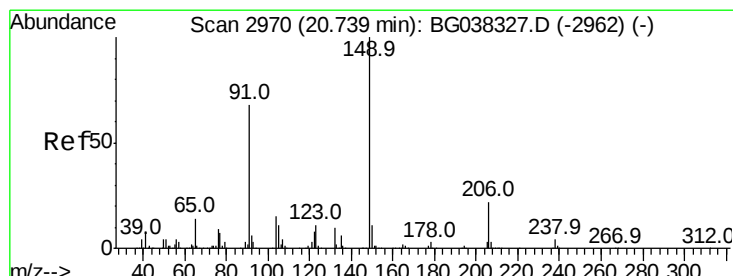
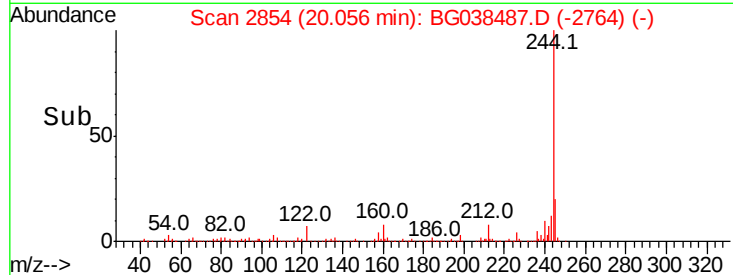
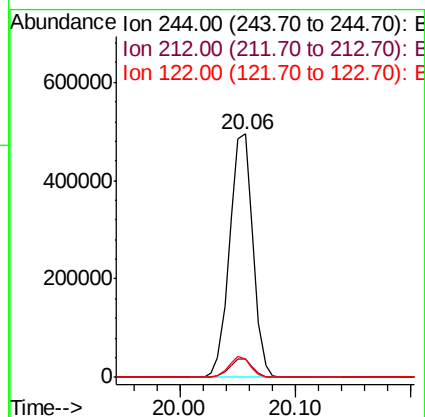
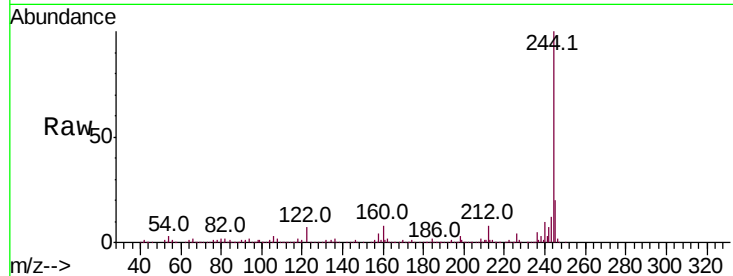
#79  
 Terphenyl-d14  
 Concen: 77.517 ng  
 RT: 20.06 min Scan# 2854  
 Delta R.T. -0.00 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 244     | 100   |      |       |       |
| 212     | 7.5   | 6.5  | 9.7   |       |
| 122     | 7.3   | 9.0  | 13.4  |       |

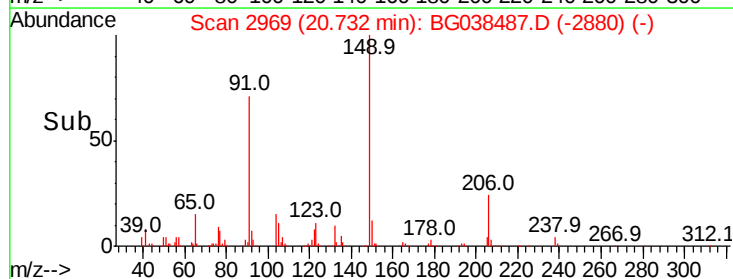
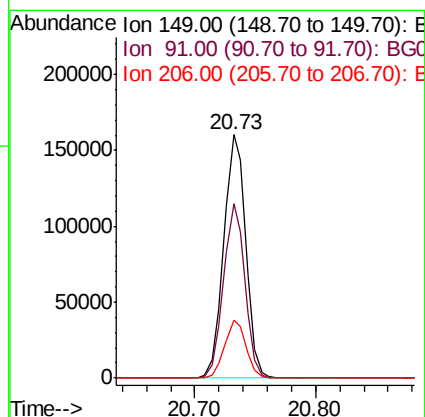
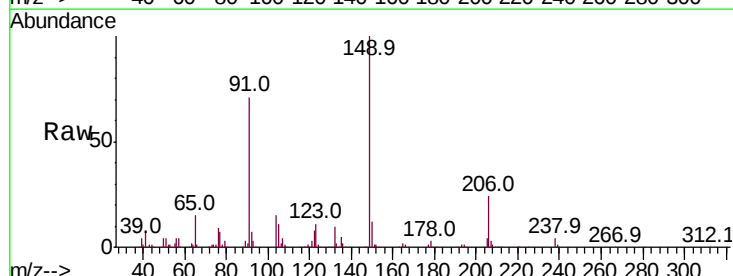
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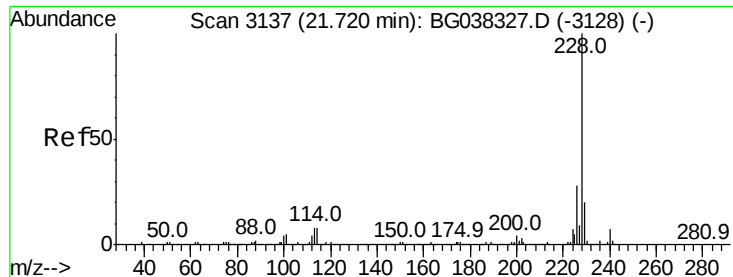
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#80  
 Butylbenzylphthalate  
 Concen: 37.494 ng  
 RT: 20.73 min Scan# 2969  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 91      | 71.4  | 57.0 | 85.4  |       |
| 206     | 23.7  | 17.8 | 26.6  |       |





#81

Benzo(a)anthracene

Concen: 38.944 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

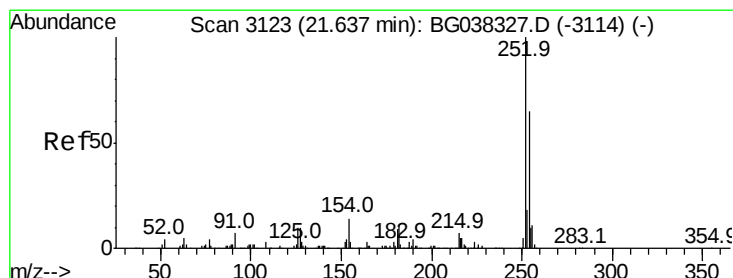
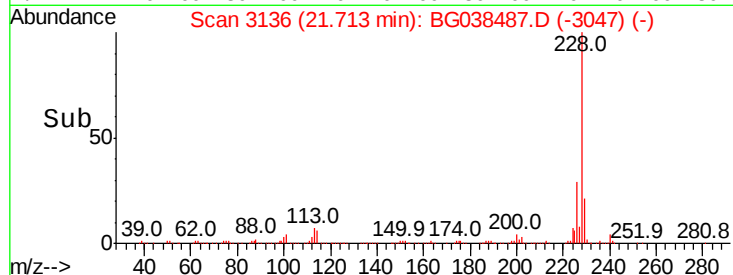
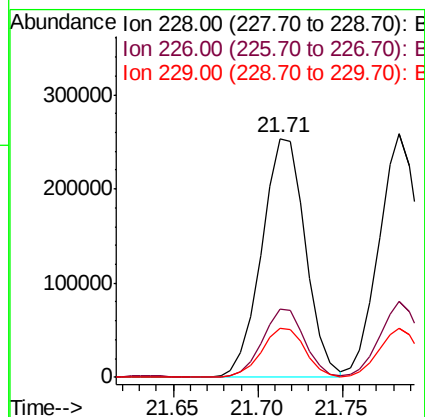
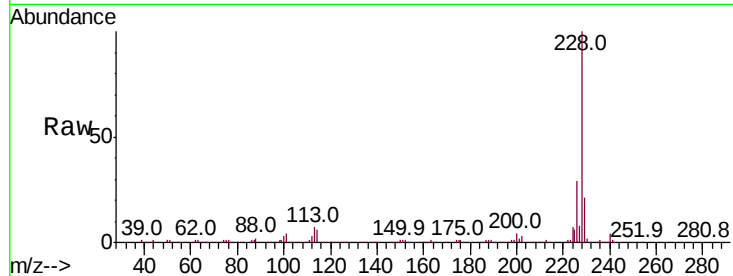
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 455396 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.9  | 22.6  | 33.8   |
| 229       | 20.6  | 16.3  | 24.5   |

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#82

3,3'-Dichlorobenzidine

Concen: 40.620 ng

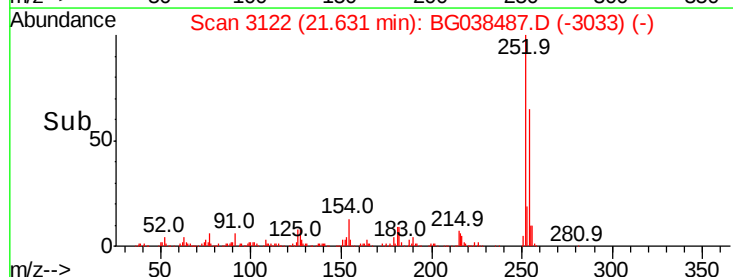
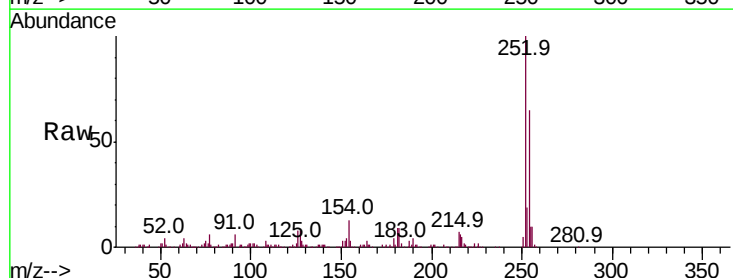
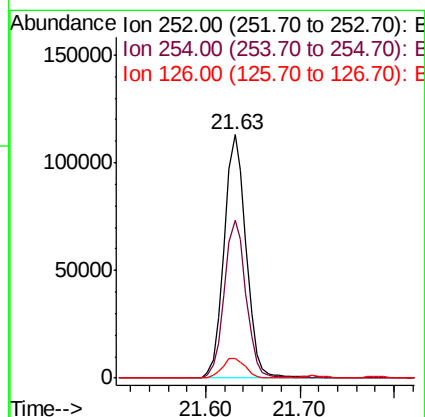
RT: 21.63 min Scan# 3122

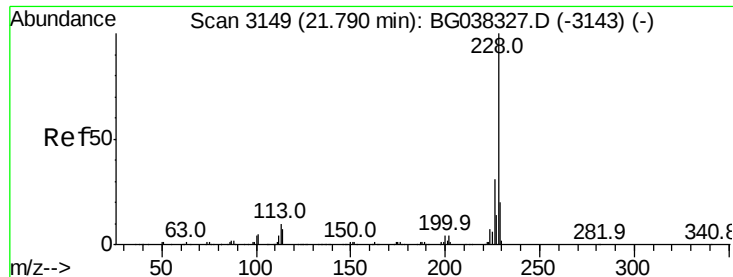
Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 184774 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.9  | 52.0  | 78.0   |
| 126       | 8.0   | 8.2   | 12.4#  |





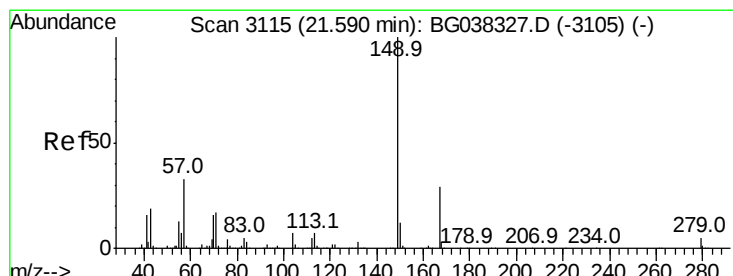
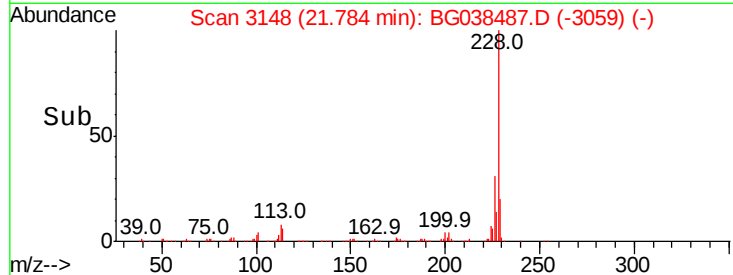
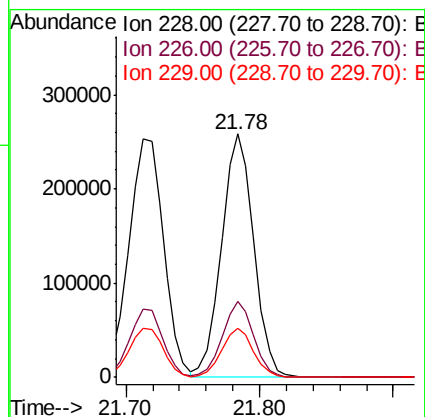
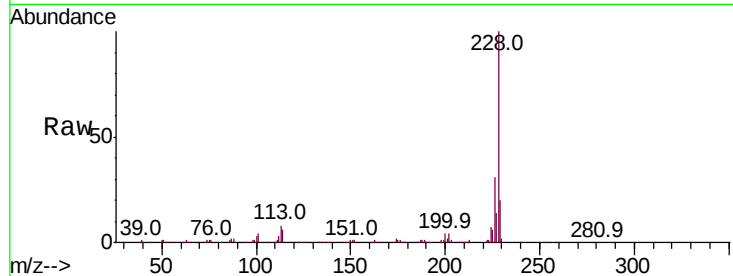
#83  
 Chrysene  
 Concen: 39.342 ng  
 RT: 21.78 min Scan# 3148  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 435347 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.9  | 25.7  | 38.5   |
| 229       | 20.4  | 16.5  | 24.7   |

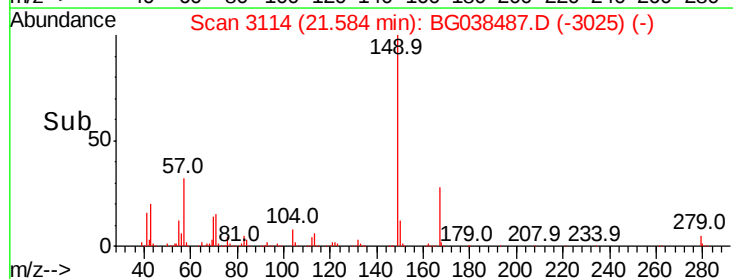
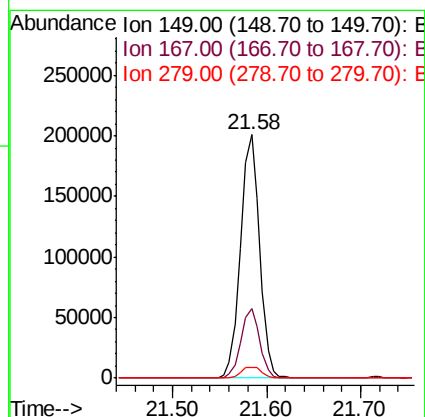
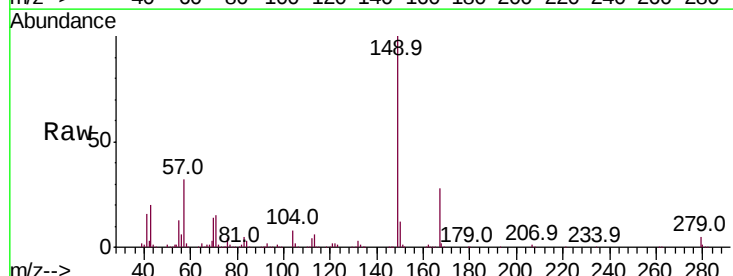
Manual Integrations  
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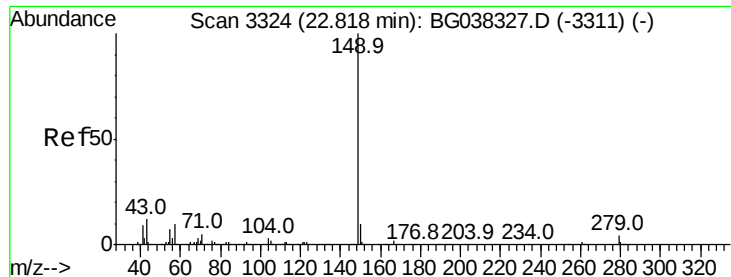
Sohil  
 12/12/2018 5:38:47 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.135 ng  
 RT: 21.58 min Scan# 3114  
 Delta R.T. -0.01 min  
 Lab File: BG038487.D  
 Acq: 12 Dec 2018 2:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 281812 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.3  | 23.0  | 34.4   |
| 279       | 4.5   | 3.6   | 5.4    |





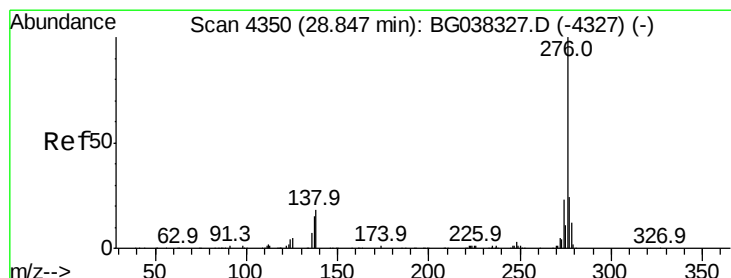
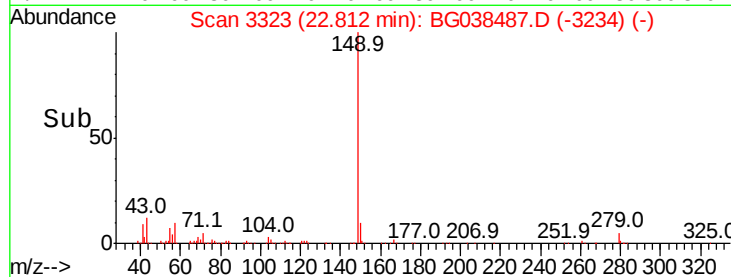
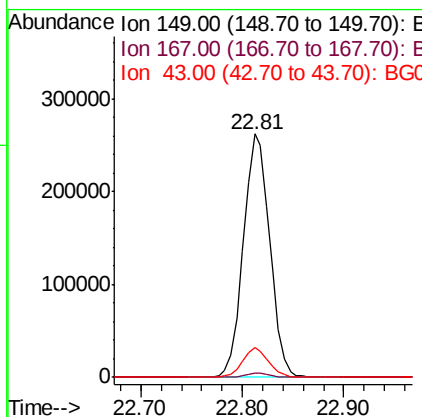
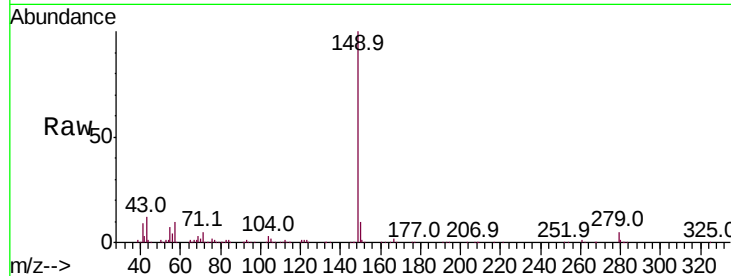
#85  
Di-n-octyl phthalate  
Concen: 36.248 ng  
RT: 22.81 min Scan# 3323  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 471679 |       |       |
| 167     | 1.6   |        | 1.3   | 1.9   |
| 43      | 12.1  |        | 8.7   | 13.1  |

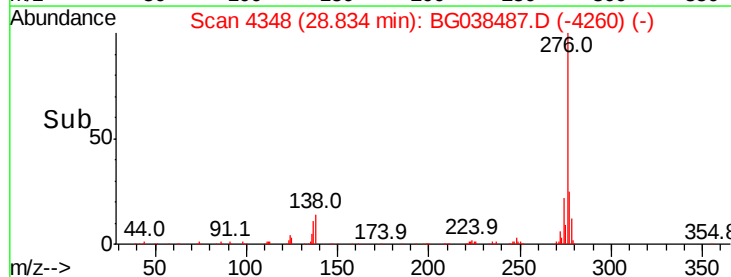
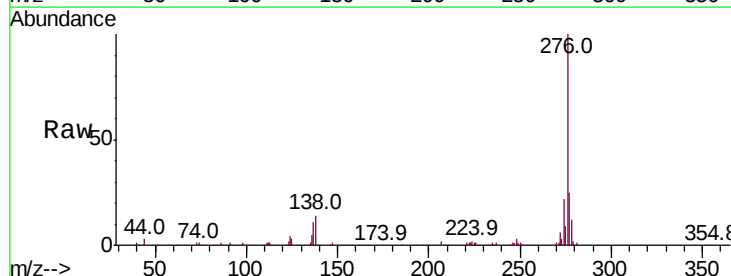
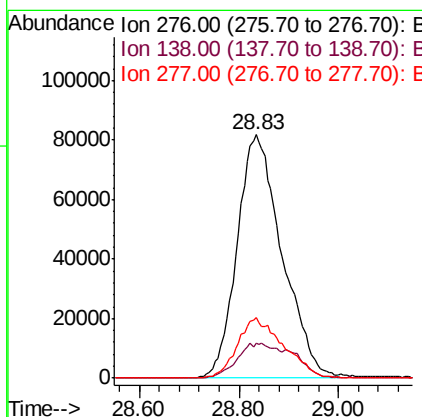
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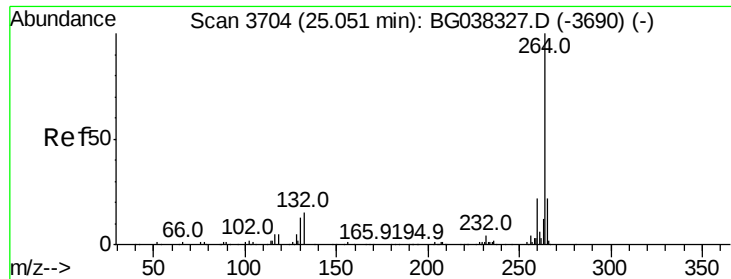
Sohil  
12/12/2018 5:38:47 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 40.712 ng  
RT: 28.83 min Scan# 4348  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 511994 |       |       |
| 138     | 5.7   |        | 12.0  | 18.0# |
| 277     | 25.4  |        | 20.6  | 30.8  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

Instrument :

BNA\_G

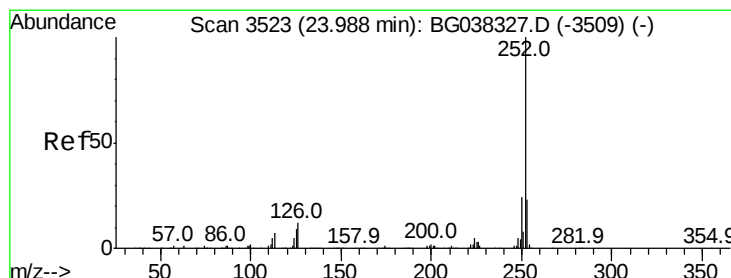
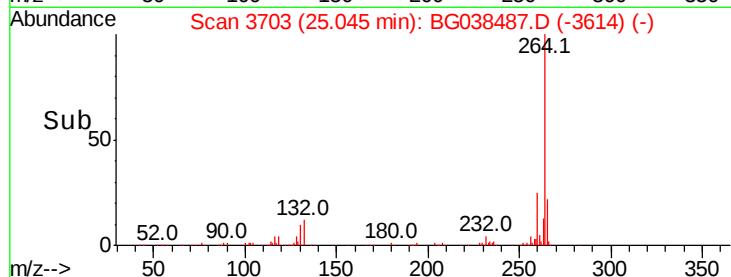
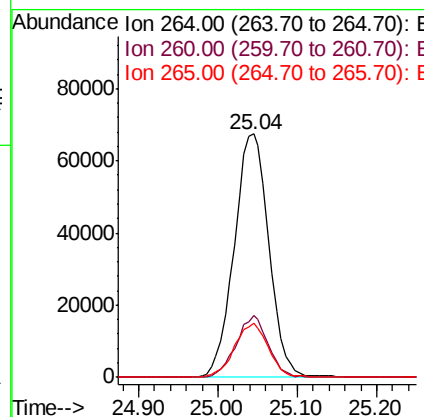
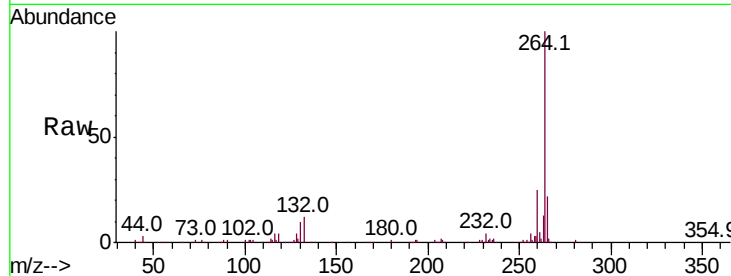
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 203926 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 25.4  | 18.2  | 27.4   |
| 265       | 22.3  | 17.9  | 26.9   |

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#88

Benzo(b)fluoranthene

Concen: 38.724 ng

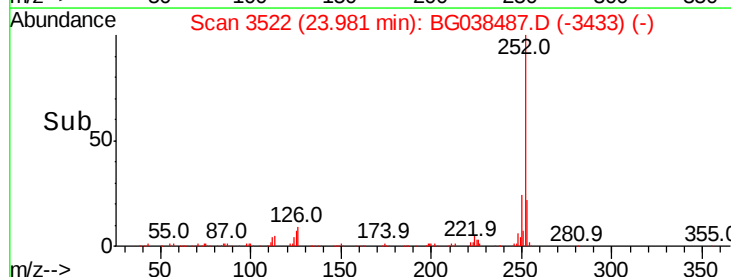
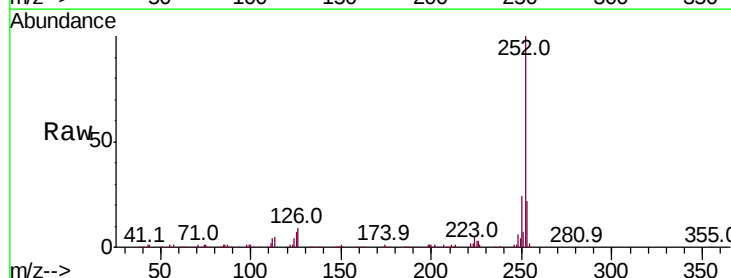
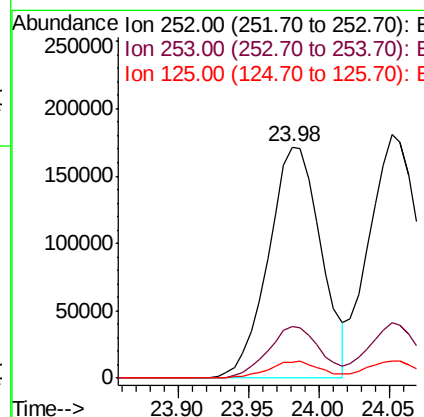
RT: 23.98 min Scan# 3522

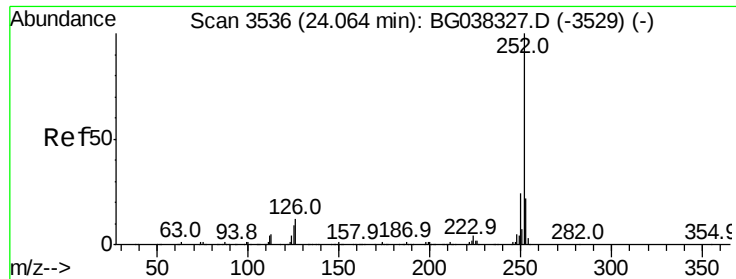
Delta R.T. -0.01 min

Lab File: BG038487.D

Acq: 12 Dec 2018 2:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 446203 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 18.2  | 27.2   |
| 125       | 6.9   | 7.8   | 11.6#  |





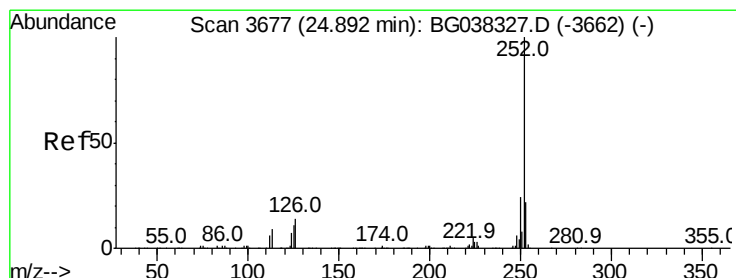
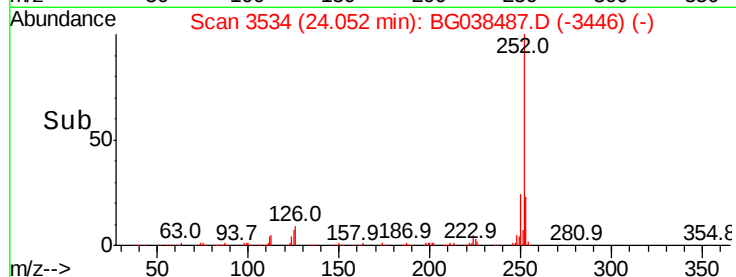
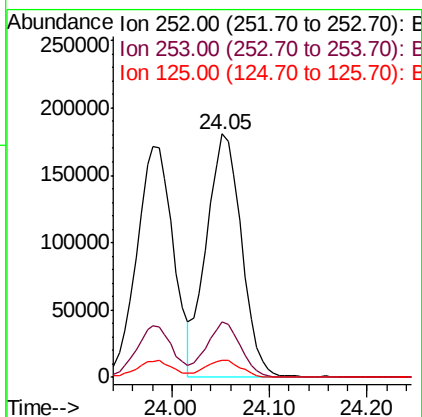
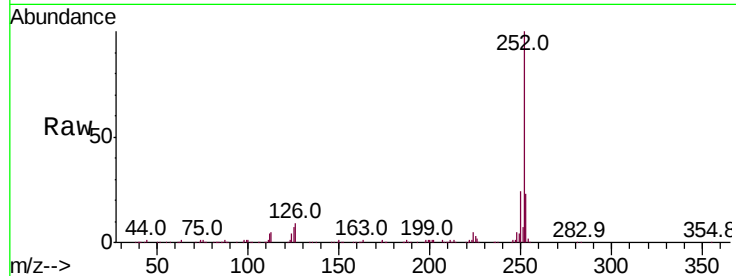
#89  
Benzo(k)fluoranthene  
Concen: 39.044 ng  
RT: 24.05 min Scan# 3534  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.4  | 26.2  |
| 125     | 7.2   | 7.4   | 11.0  |

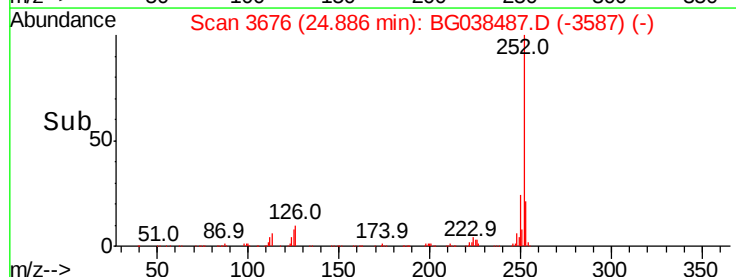
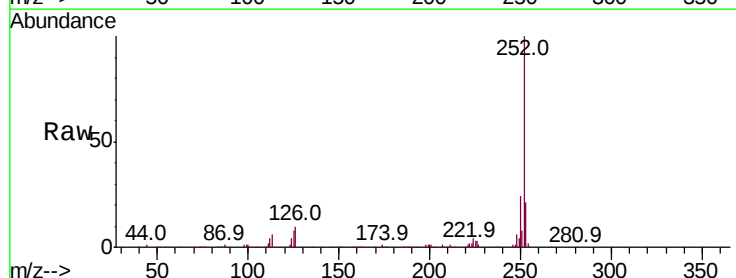
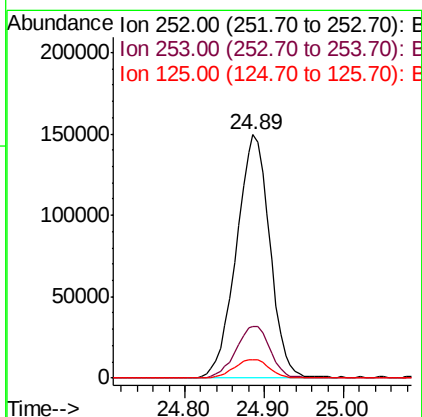
Manual Integrations  
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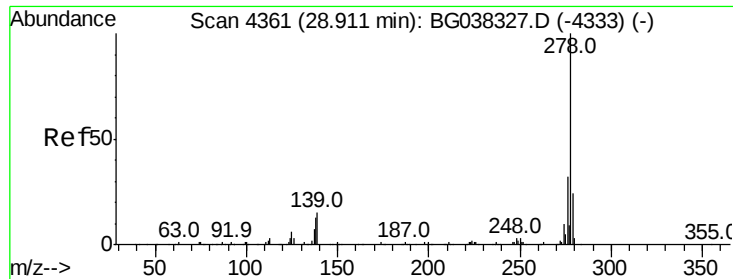
Sohil  
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#90  
Benzo(a)pyrene  
Concen: 39.187 ng  
RT: 24.89 min Scan# 3676  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.0  | 17.4  | 26.2  |
| 125     | 7.7   | 9.0   | 13.6  |





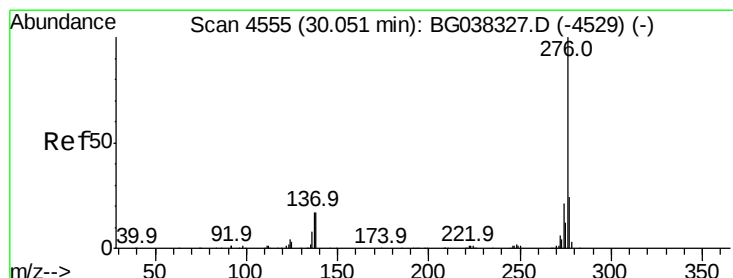
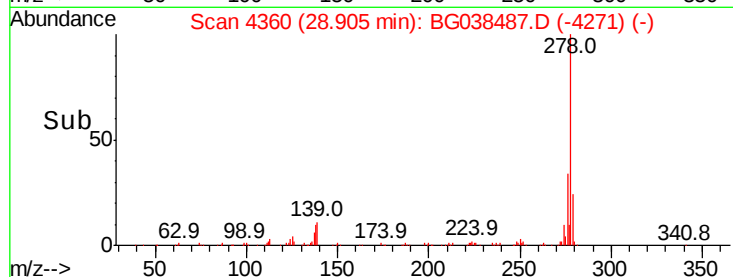
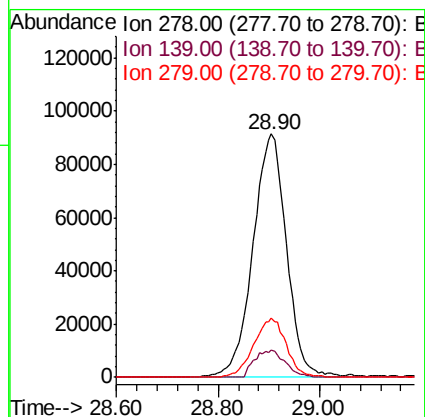
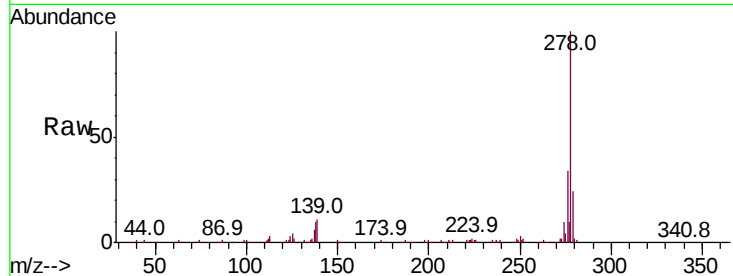
#91  
Dibenzo(a,h)anthracene  
Concen: 39.691 ng  
RT: 28.90 min Scan# 4360  
Delta R.T. -0.01 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.0  | 11.5  | 17.3# |
| 279     | 24.4  | 18.6  | 27.8  |

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 40.084 ng  
RT: 30.03 min Scan# 4552  
Delta R.T. -0.02 min  
Lab File: BG038487.D  
Acq: 12 Dec 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.0  | 18.9  | 28.3  |
| 138     | 15.3  | 17.2  | 25.8# |

