

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\  
 Data File : BG042428.D  
 Acq On : 23 Aug 2019 11:04  
 Operator : HP/JU  
 Sample : PB122218BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 23 17:22:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 14:29:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 103609   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 424009   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 280096   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.42 | 188  | 585203   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.70 | 240  | 544587   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.94 | 264  | 533718   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.56  | 112 | 632647  | 123.67 | ng | 0.00 |
| 7) Phenol-d6                | 7.17  | 99  | 798883  | 115.61 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.17  | 82  | 395136  | 64.40  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.15 | 330 | 328360  | 82.48  | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.28 | 172 | 1057170 | 63.83  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.03 | 244 | 1571843 | 62.40  | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.42  | 88  | 84211  | 39.445 | ng | 97   |
| 3) Pyridine                    | 3.82  | 79  | 202370 | 36.967 | ng | 95   |
| 4) n-Nitrosodimethylamine      | 3.73  | 42  | 76696  | 39.226 | ng | # 77 |
| 6) Aniline                     | 7.32  | 93  | 312674 | 33.925 | ng | 98   |
| 8) 2-Chlorophenol              | 7.57  | 128 | 275124 | 44.375 | ng | 97   |
| 9) Benzaldehyde                | 7.13  | 77  | 182235 | 52.676 | ng | 97   |
| 10) Phenol                     | 7.20  | 94  | 320959 | 45.682 | ng | 94   |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 244059 | 44.230 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 302619 | 38.369 | ng | 100  |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 307306 | 38.466 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 290023 | 37.908 | ng | 97   |
| 15) Benzyl Alcohol             | 8.25  | 79  | 197903 | 39.807 | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 310160 | 41.472 | ng | 97   |
| 17) 2-Methylphenol             | 8.46  | 107 | 225265 | 43.530 | ng | 94   |
| 18) Hexachloroethane           | 9.10  | 117 | 104205 | 38.101 | ng | 94   |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 176671 | 39.463 | ng | 99   |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 309940 | 43.282 | ng | 97   |
| 22) Acetophenone               | 8.83  | 105 | 370249 | 40.827 | ng | 99   |
| 24) Nitrobenzene               | 9.22  | 77  | 257220 | 41.398 | ng | 99   |
| 25) Isophorone                 | 9.74  | 82  | 482816 | 39.872 | ng | 97   |
| 26) 2-Nitrophenol              | 9.93  | 139 | 161507 | 41.479 | ng | 97   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 256056 | 47.740 | ng | 94   |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 321531 | 42.129 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 278752 | 39.723 | ng | 96   |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 301882 | 35.048 | ng | 99   |
| 31) Naphthalene                | 10.88 | 128 | 793578 | 40.312 | ng | 99   |
| 32) Benzoic acid               | 10.14 | 122 | 132603 | 36.437 | ng | 98   |
| 33) 4-Chloroaniline            | 10.99 | 127 | 192739 | 21.209 | ng | 97   |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 178738 | 30.876 | ng | 98   |
| 35) Caprolactam                | 11.75 | 113 | 47053  | 20.095 | ng | 97   |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 258140 | 38.750 | ng | 97   |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 602578 | 38.122 | ng | 98   |
| 38) 1-Methylnaphthalene        | 12.71 | 142 | 564814 | 37.618 | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 327507 | 36.410 | ng | # 99 |

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 Acq On : 23 Aug 2019 11:04  
 Operator : HP/JU  
 Sample : PB122218BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

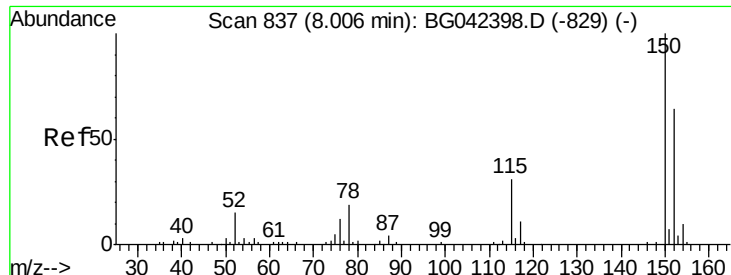
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 23 17:22:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 14:29:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.84 | 237  | 376213   | 79.623 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.10 | 196  | 228876   | 37.644 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 243448   | 38.639 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 764864   | 42.245 | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.54 | 162  | 610081   | 39.078 | ng    | 96       |
| 48) 2-Nitroaniline             | 13.74 | 65   | 147351   | 39.140 | ng    | 97       |
| 49) Acenaphthylene             | 14.39 | 152  | 958026   | 40.789 | ng    | 97       |
| 50) Dimethylphthalate          | 14.12 | 163  | 738801   | 36.556 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 183471   | 39.166 | ng    | 96       |
| 52) Acenaphthene               | 14.73 | 154  | 563155   | 39.486 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 130150   | 27.780 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 182674   | 59.582 | ng    | 95       |
| 55) Dibenzofuran               | 15.06 | 168  | 906685   | 38.406 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 291963   | 87.702 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 15.03 | 165  | 253526   | 37.794 | ng    | 97       |
| 58) Fluorene                   | 15.71 | 166  | 739448   | 38.317 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.21 | 232  | 215746   | 34.626 | ng    | 96       |
| 60) Diethylphthalate           | 15.48 | 149  | 724354   | 36.664 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 400777   | 34.452 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 197779   | 39.445 | ng    | 90       |
| 63) Azobenzene                 | 16.00 | 77   | 572636   | 42.300 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 149496   | 40.746 | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 15.92 | 169  | 677570   | 42.102 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 265166   | 35.723 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.72 | 284  | 270526   | 33.525 | ng    | # 91     |
| 69) Atrazine                   | 16.87 | 200  | 236771   | 41.603 | ng    | 98       |
| 70) Pentachlorophenol          | 17.07 | 266  | 321787   | 76.750 | ng    | 98       |
| 71) Phenanthrene               | 17.46 | 178  | 1172505  | 40.337 | ng    | 97       |
| 72) Anthracene                 | 17.55 | 178  | 1196314  | 41.226 | ng    | 97       |
| 73) Carbazole                  | 17.82 | 167  | 1125611  | 43.523 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 1276775  | 41.763 | ng    | 98       |
| 75) Fluoranthene               | 19.47 | 202  | 1387883  | 39.122 | ng    | 95       |
| 77) Benzidine                  | 19.64 | 184  | 921265   | 59.004 | ng    | 99       |
| 78) Pyrene                     | 19.83 | 202  | 1391828  | 41.686 | ng    | 95       |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 578046   | 44.017 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 1299904  | 39.239 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 365416   | 27.426 | ng    | # 97     |
| 83) Chrysene                   | 21.74 | 228  | 1263519  | 39.548 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 804233   | 44.107 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.80 | 149  | 1140450  | 36.366 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.65 | 276  | 1358474  | 31.288 | ng    | # 93     |
| 88) Benzo(b)fluoranthene       | 23.91 | 252  | 1188606  | 40.509 | ng    | # 98     |
| 89) Benzo(k)fluoranthene       | 23.98 | 252  | 1138881  | 40.380 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.79 | 252  | 1169248  | 41.994 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene     | 28.72 | 278  | 1127844  | 40.007 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.81 | 276  | 1127805  | 40.000 | ng    | 97       |

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



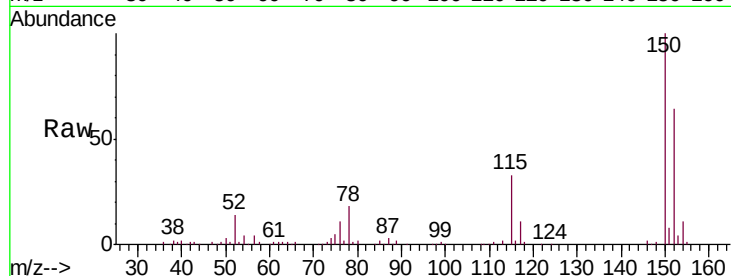


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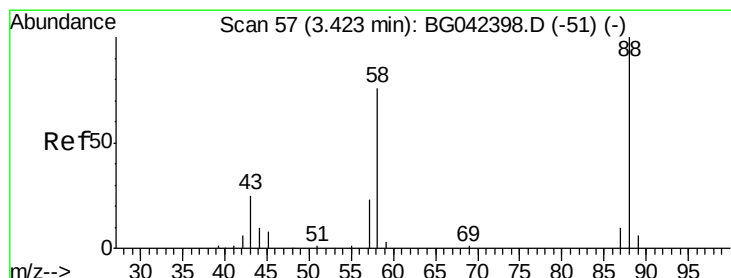
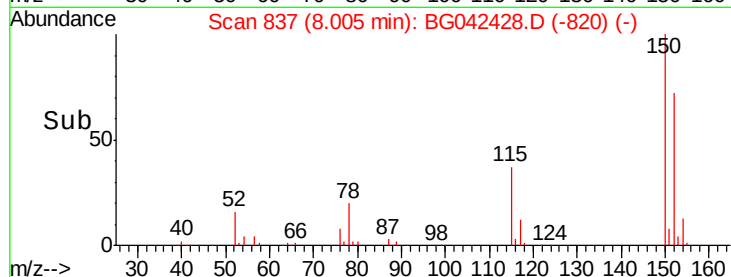
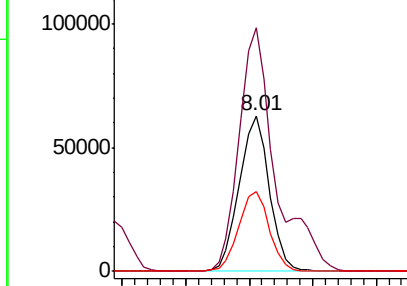
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 837  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.8 | 125.4 | 188.0 |
| 115     | 51.3  | 38.5  | 57.7  |



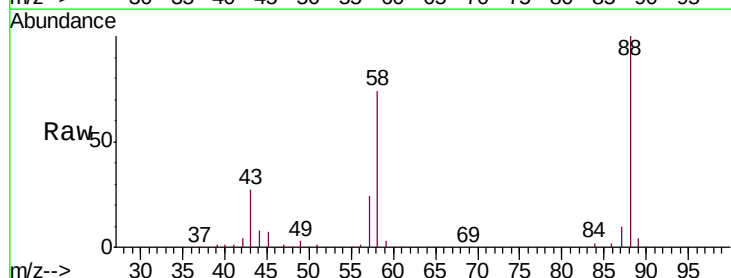
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



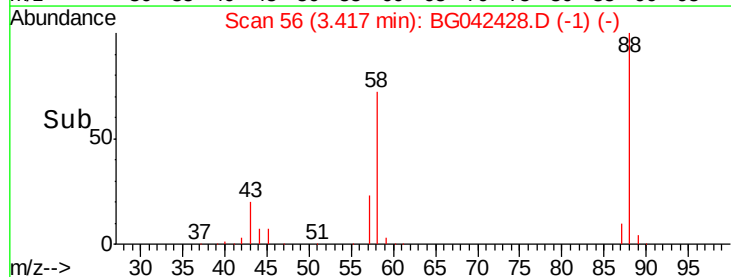
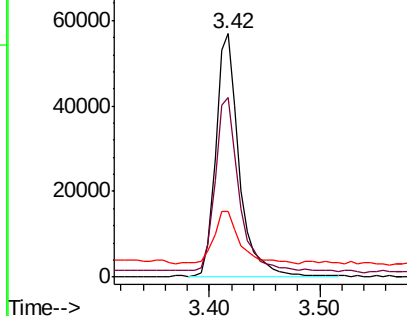
#2

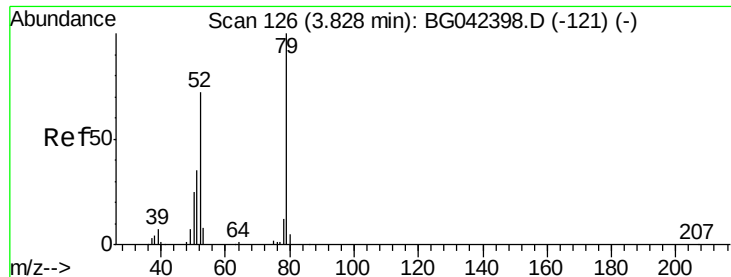
1,4-Dioxane  
Concen: 39.445 ng  
RT: 3.42 min Scan# 56  
Delta R.T. -0.01 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.5  | 58.3  | 87.5  |
| 43      | 23.2  | 20.2  | 30.2  |



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: 36.967 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampled :

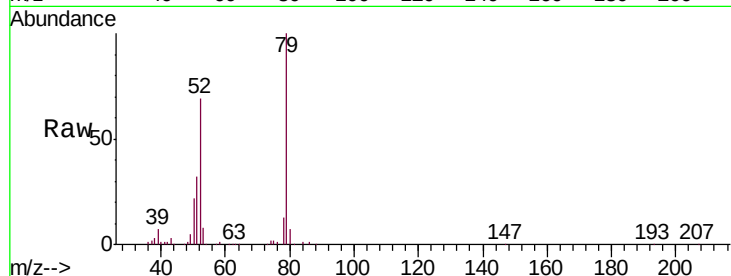
Tot Ion: 79 Resp: 202370

Ion Ratio Lower Upper

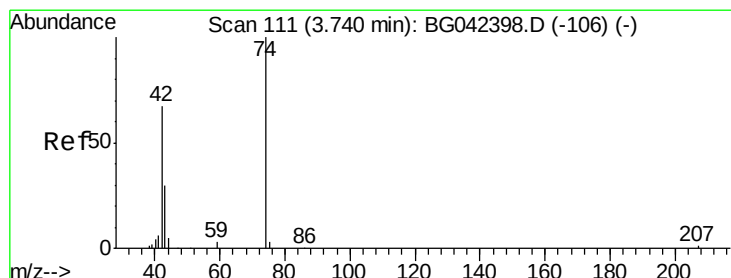
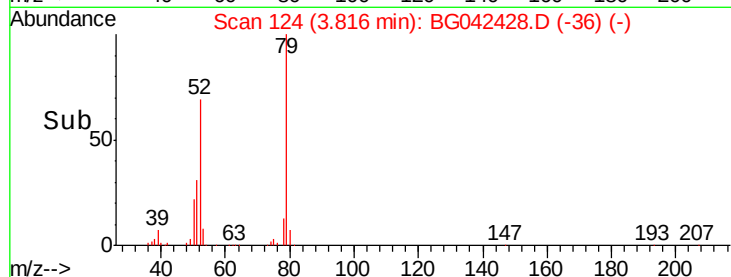
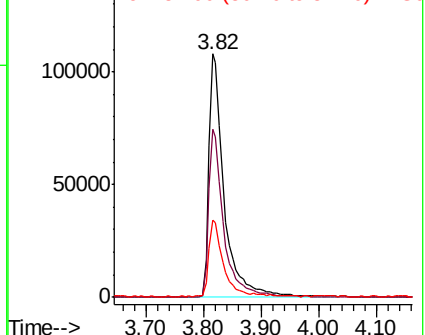
79 100

52 68.9 57.7 86.5

51 31.5 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.226 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

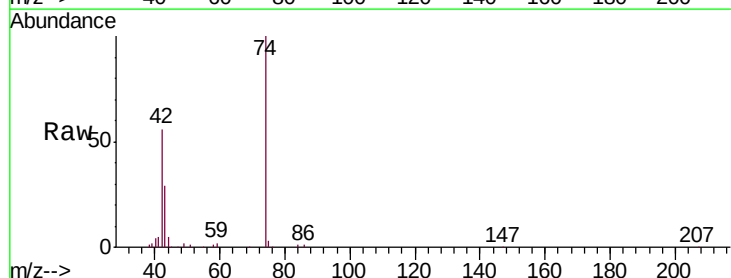
Tgt Ion: 42 Resp: 76696

Ion Ratio Lower Upper

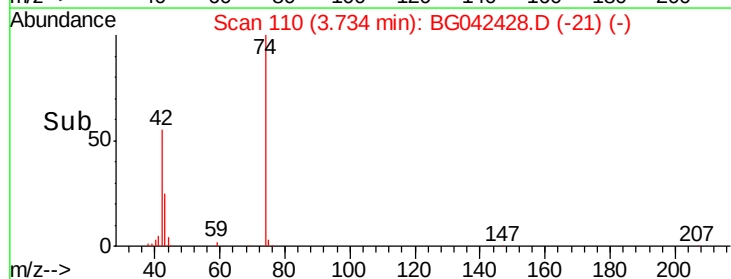
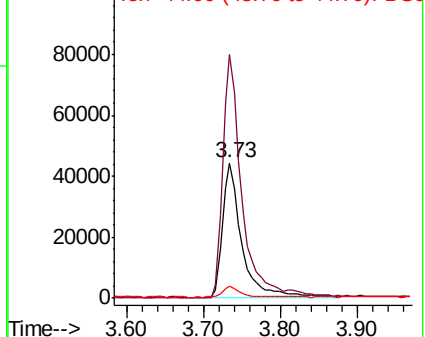
42 100

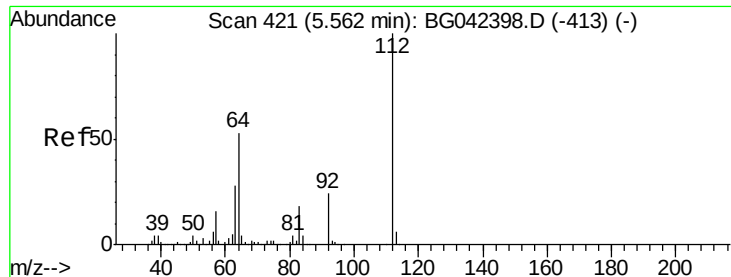
74 179.8 119.6 179.4#

44 8.5 6.5 9.7



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 123.666 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampled :

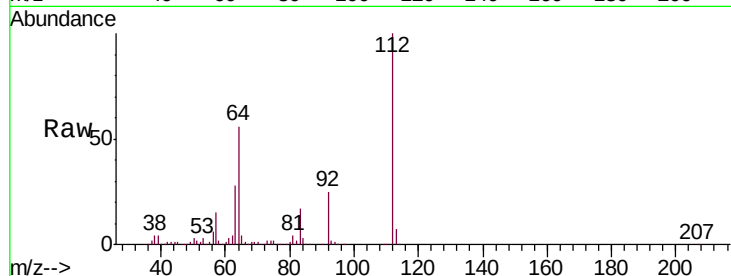
Tot Ion:112 Resp: 632647

Ion Ratio Lower Upper

112 100

64 56.2 42.8 64.2

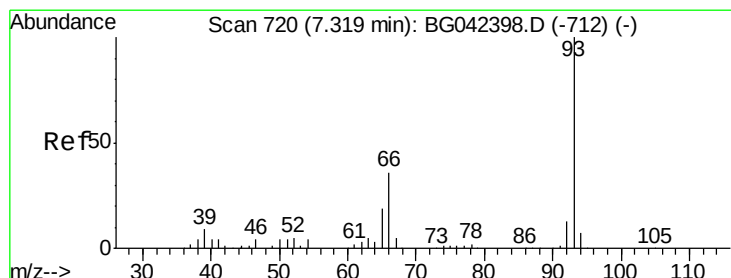
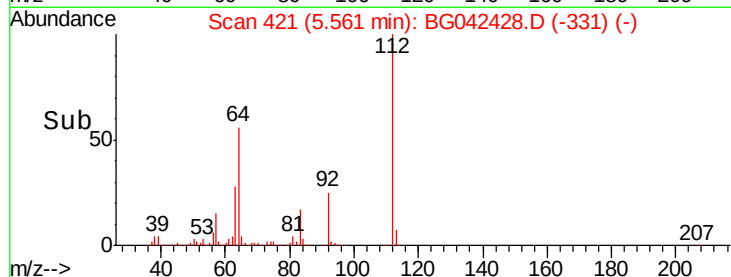
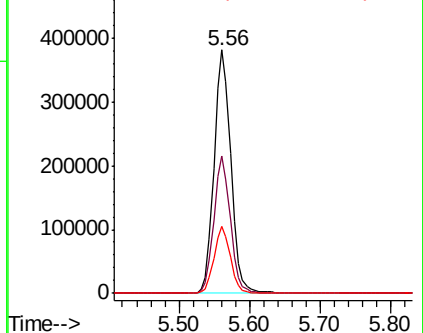
63 27.6 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.925 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

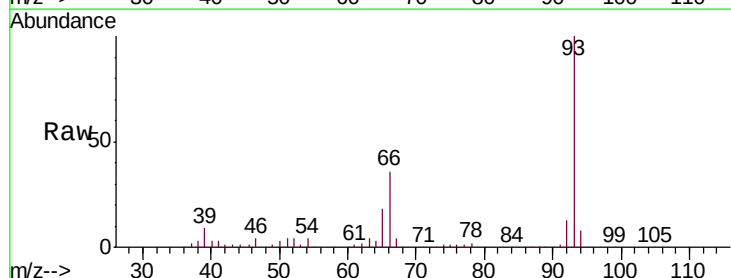
Tgt Ion: 93 Resp: 312674

Ion Ratio Lower Upper

93 100

66 35.6 29.0 43.6

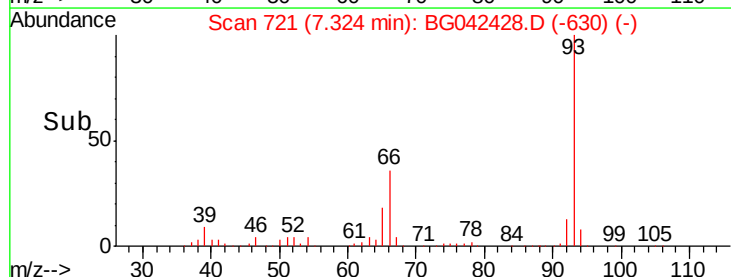
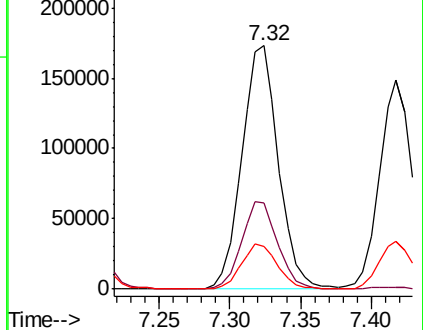
65 17.7 15.2 22.8

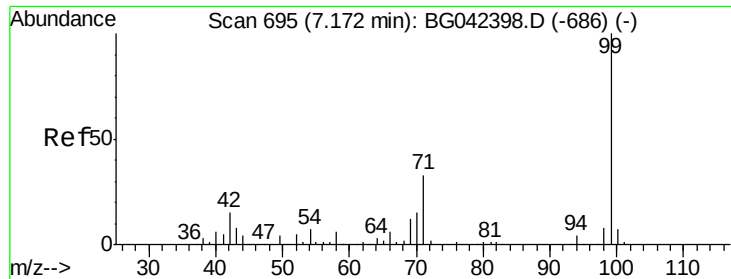


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.609 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampleId :

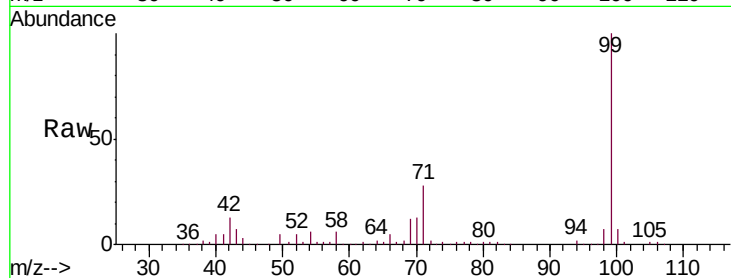
Tot Ion: 99 Resp: 798883

Ion Ratio Lower Upper

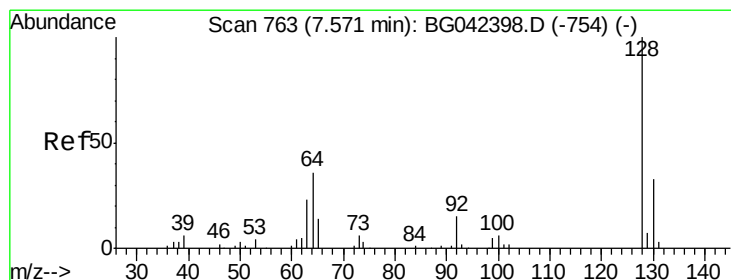
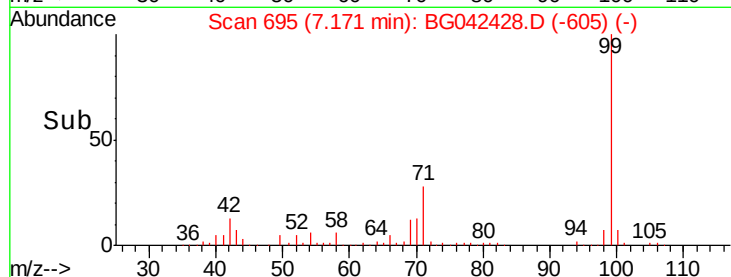
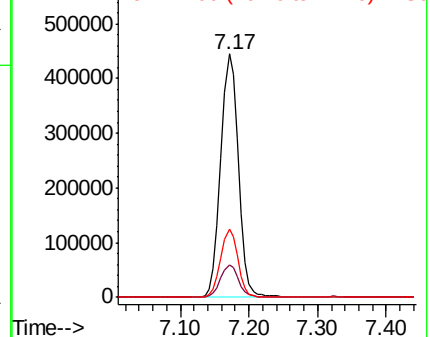
99 100

42 13.1 12.0 18.0

71 28.0 26.3 39.5



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: 44.375 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

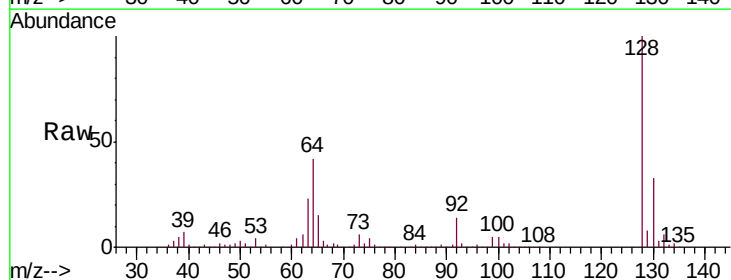
Tgt Ion: 128 Resp: 275124

Ion Ratio Lower Upper

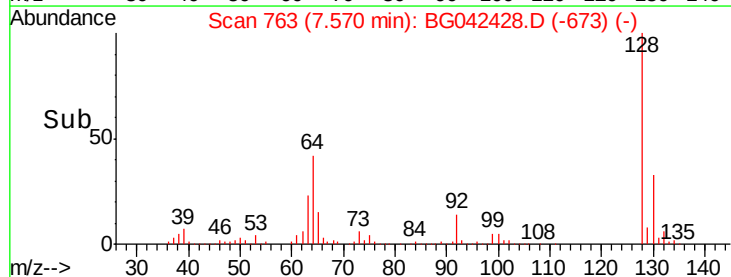
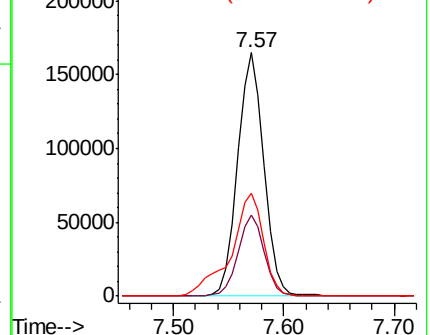
128 100

130 33.4 12.8 52.8

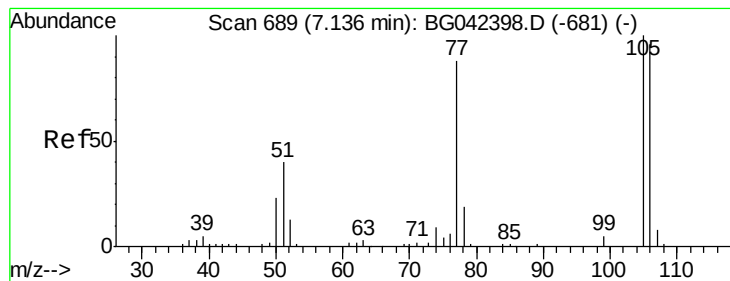
64 42.1 19.2 59.2



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







#9

Benzaldehyde

Concen: 52.676 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampled :

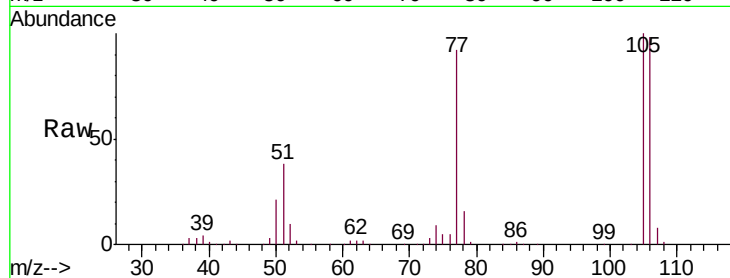
Tot Ion: 77 Resp: 182235

Ion Ratio Lower Upper

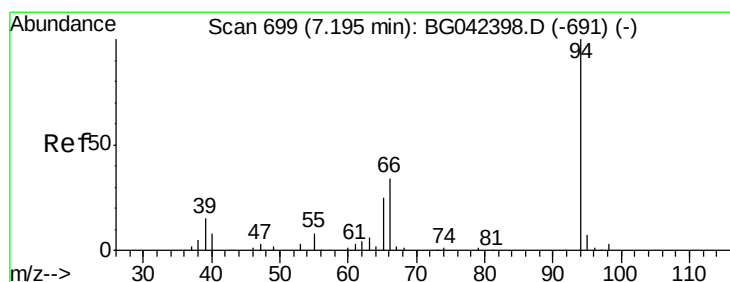
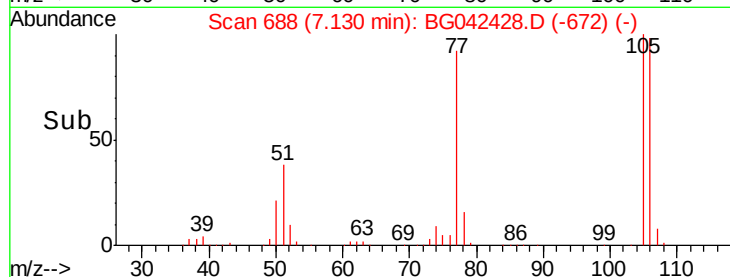
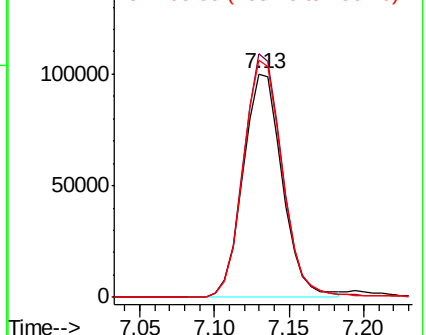
77 100

105 109.0 93.4 133.4

106 106.3 88.4 128.4



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: 45.682 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

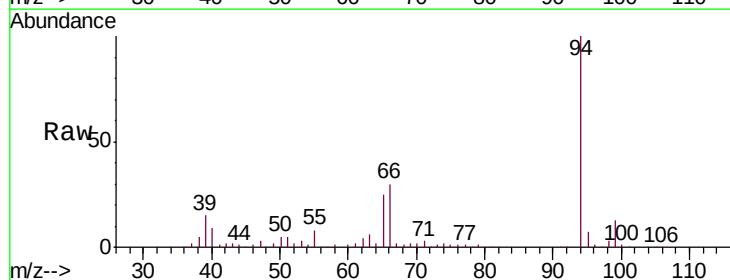
Tgt Ion: 94 Resp: 320959

Ion Ratio Lower Upper

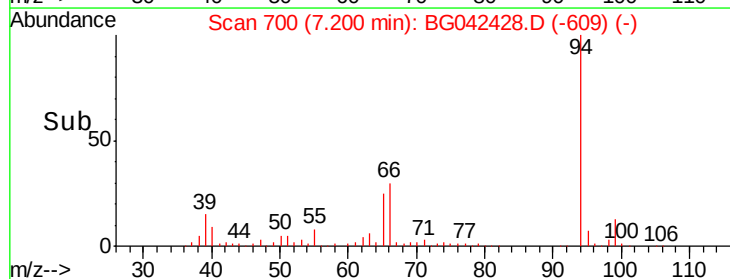
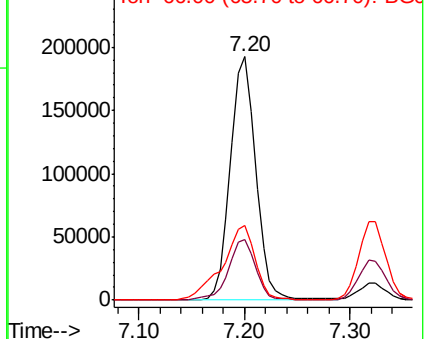
94 100

65 25.1 5.6 45.6

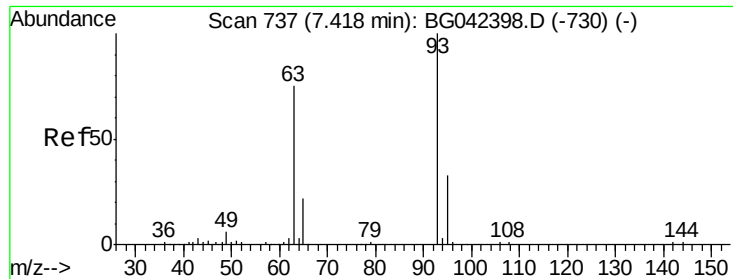
66 30.4 16.0 56.0



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



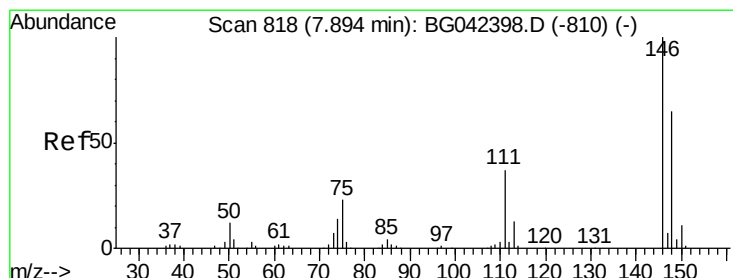
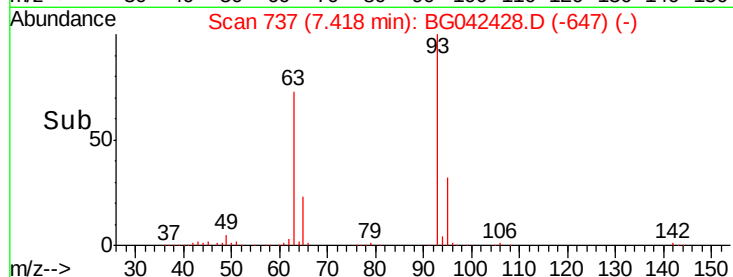
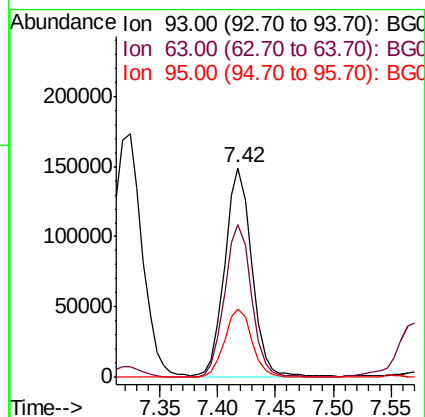
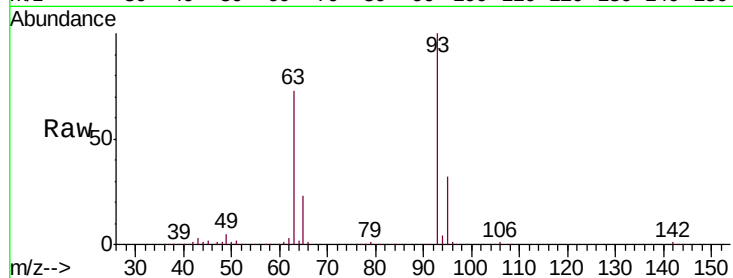




#11  
 bis(2-Chloroethyl)ether  
 Concen: 44.230 ng  
 RT: 7.42 min Scan# 737  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

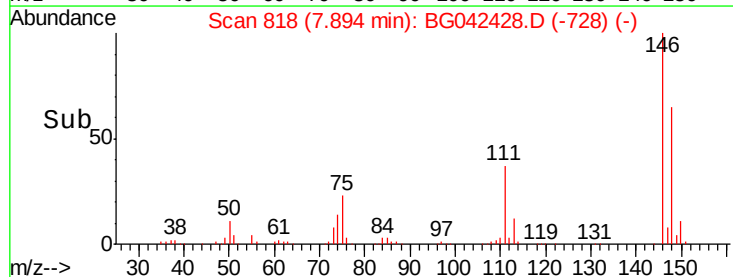
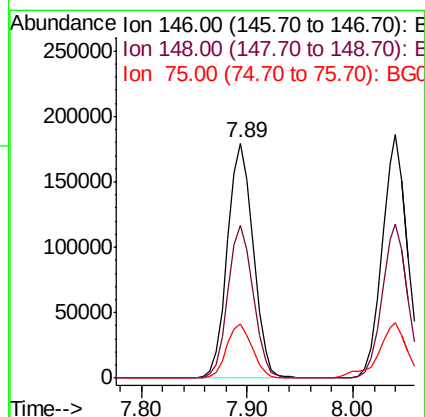
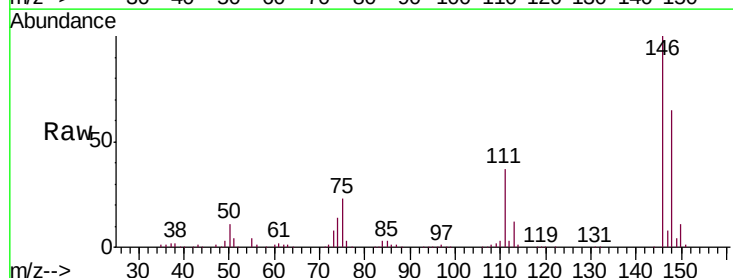
Instrument :  
 BNA\_G  
 ClientSampled :

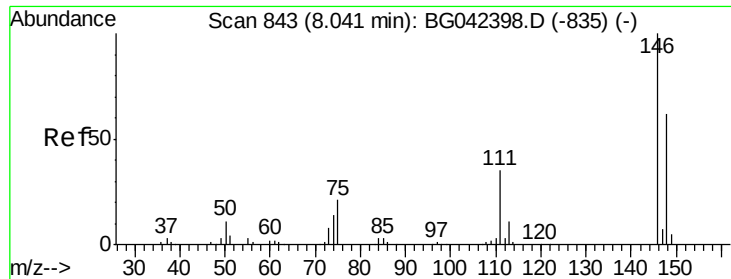
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 73.2  | 53.8  | 93.8  |
| 95      | 32.4  | 13.1  | 53.1  |



#12  
 1,3-Dichlorobenzene  
 Concen: 38.369 ng  
 RT: 7.89 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 52.2  | 78.2  |
| 75      | 23.1  | 18.0  | 27.0  |

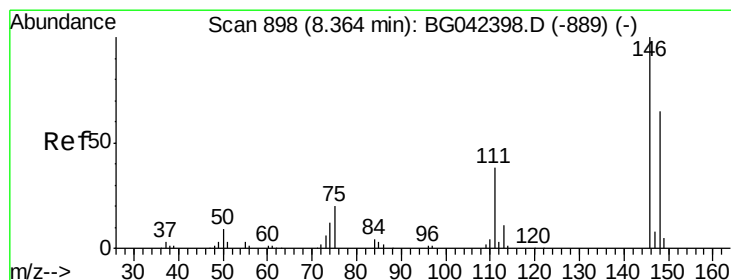
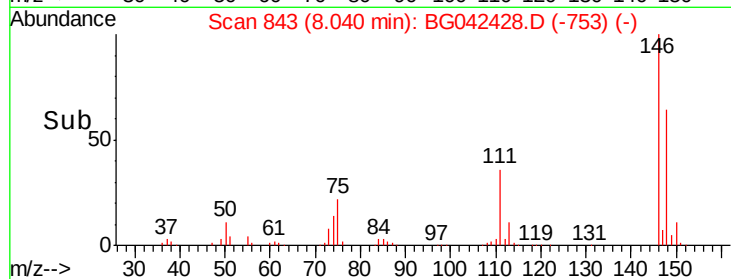
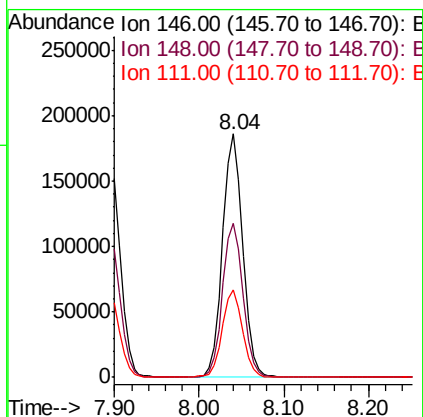
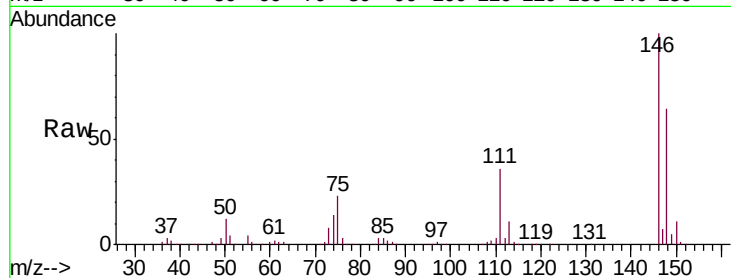




#13  
 1,4-Dichlorobenzene  
 Concen: 38.466 ng  
 RT: 8.04 min Scan# 843  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

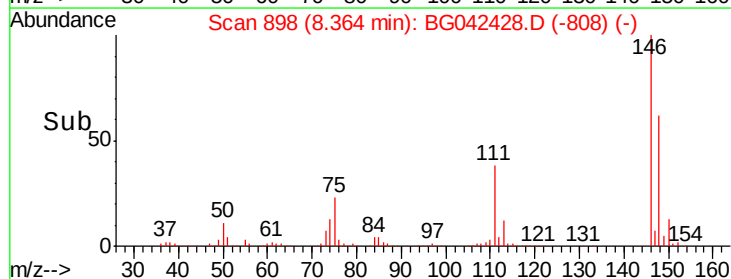
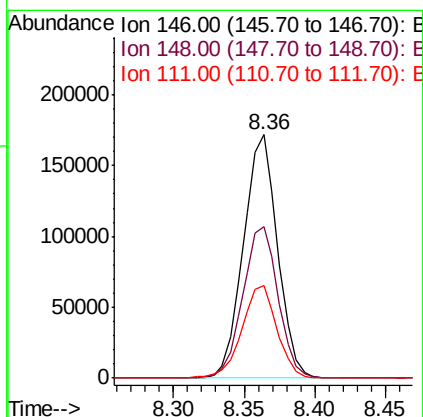
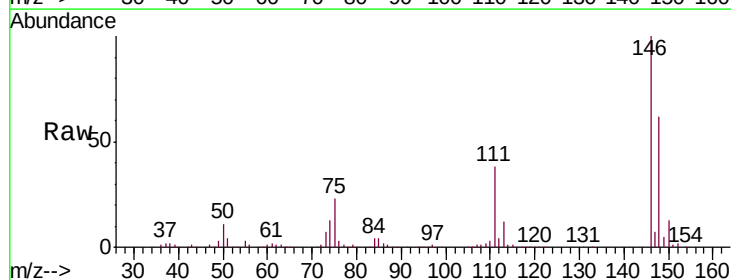
Instrument :  
 BNA\_G  
 ClientSampled :

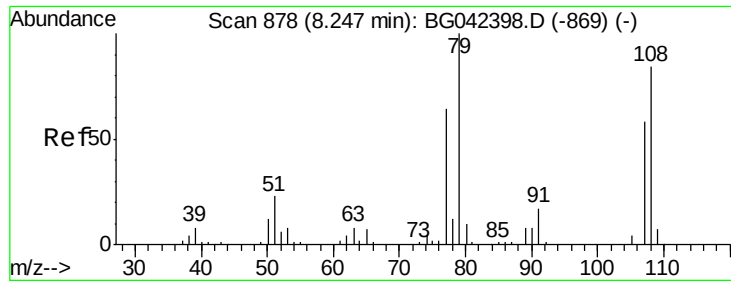
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 49.5  | 74.3  |
| 111     | 36.0  | 28.1  | 42.1  |



#14  
 1,2-Dichlorobenzene  
 Concen: 37.908 ng  
 RT: 8.36 min Scan# 898  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.0  | 51.8  | 77.6  |
| 111     | 37.9  | 30.9  | 46.3  |





#15

Benzyl Alcohol

Concen: 39.807 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampleId :

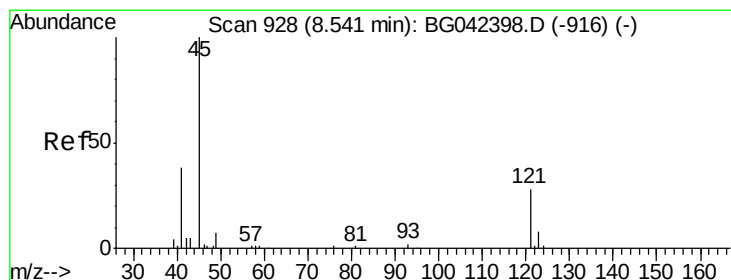
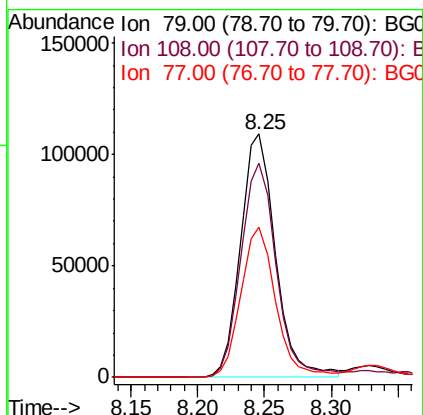
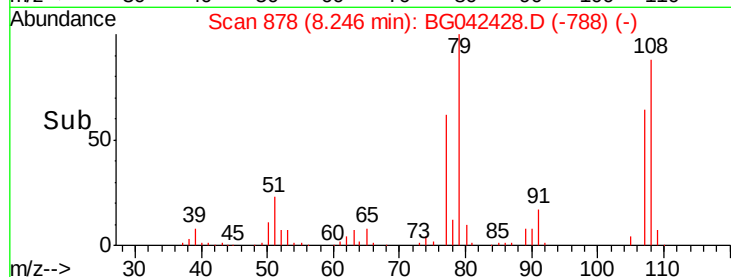
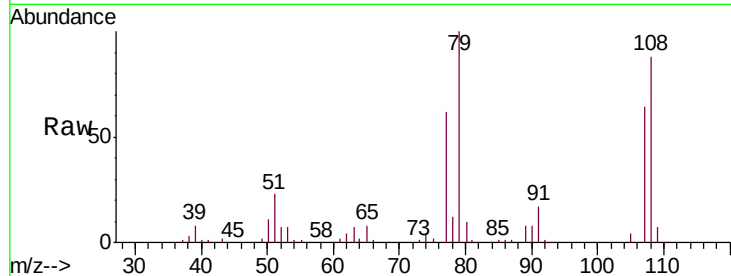
Tot Ion: 79 Resp: 197903

Ion Ratio Lower Upper

79 100

108 88.0 67.4 101.2

77 61.8 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.472 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

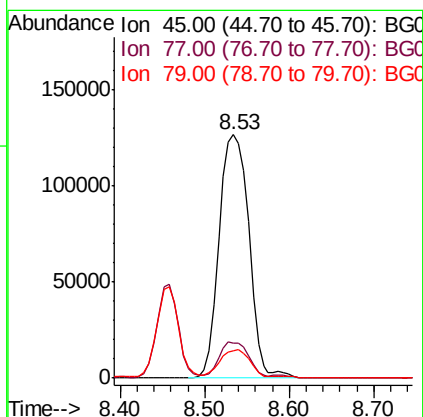
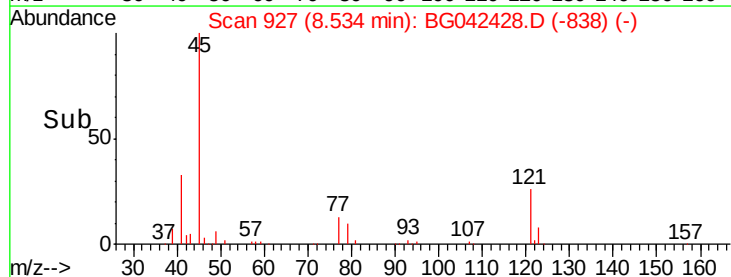
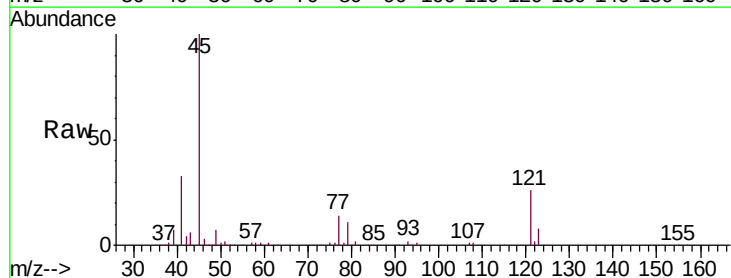
Tgt Ion: 45 Resp: 310160

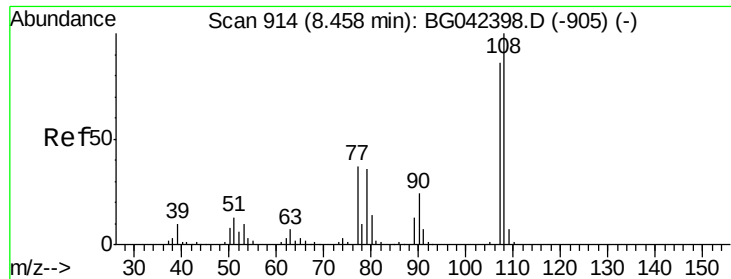
Ion Ratio Lower Upper

45 100

77 14.1 0.0 35.6

79 11.0 0.0 31.6

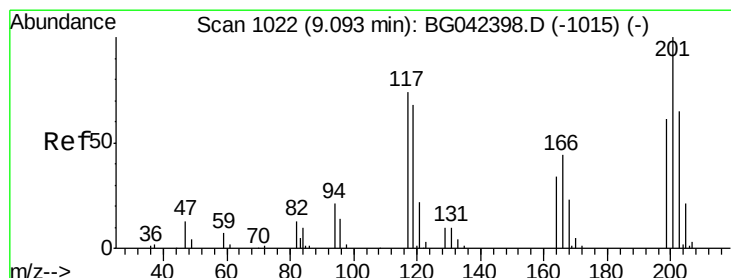
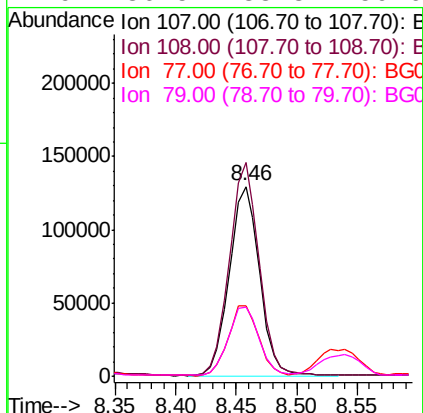
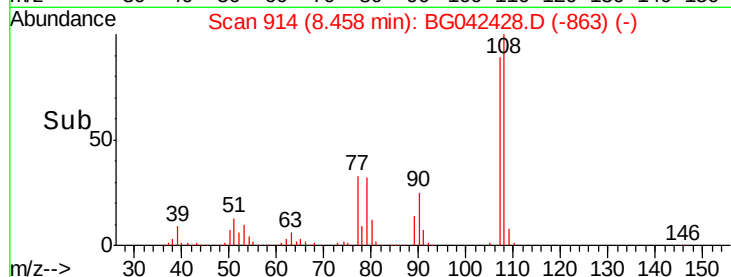
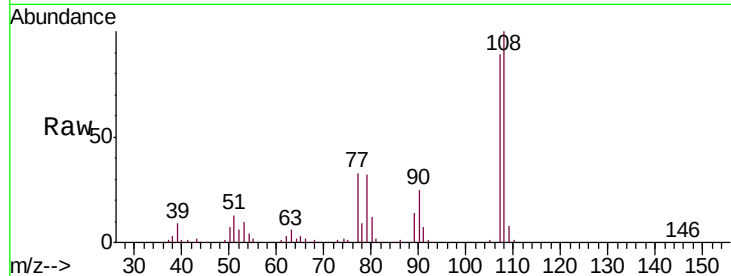




#17  
2-Methylphenol  
Concen: 43.530 ng  
RT: 8.46 min Scan# 914  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

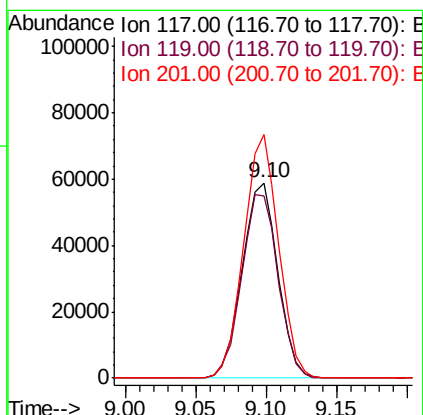
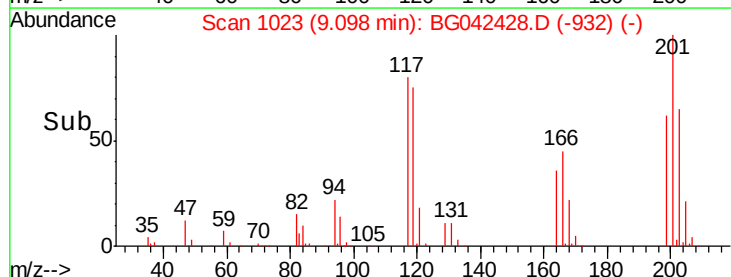
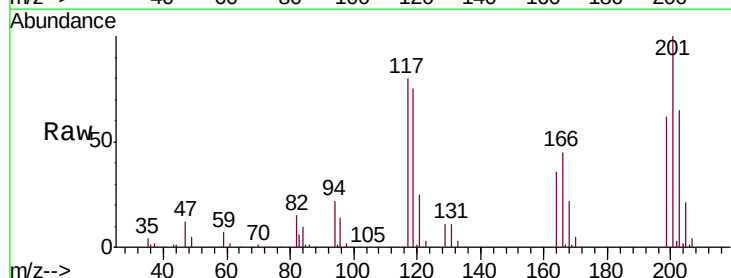
Instrument :  
BNA\_G  
ClientSampleId :

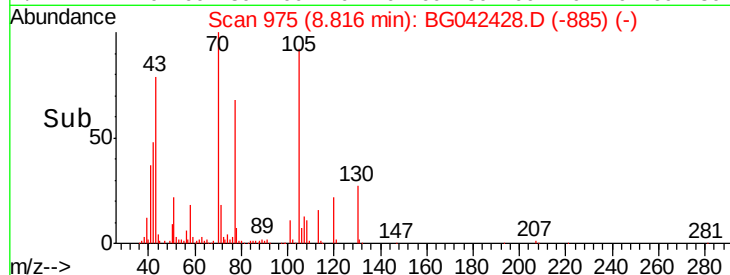
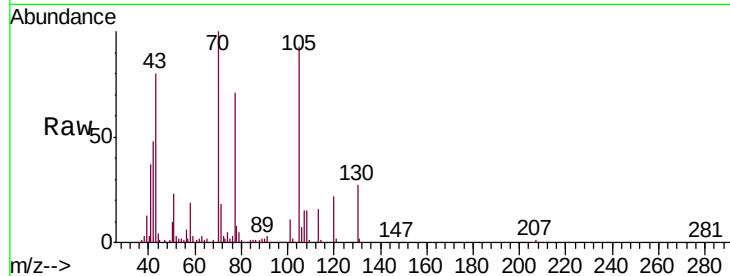
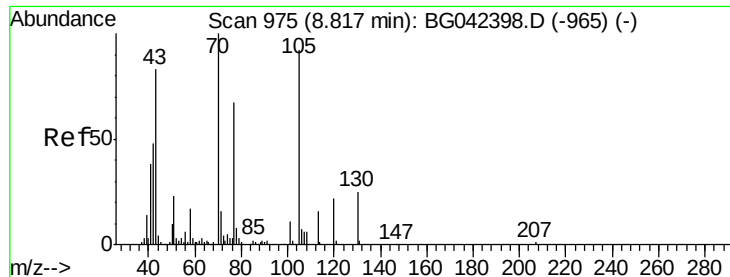
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 225265 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.7 | 92.9  | 139.3  |
| 77       | 37.5  | 34.4  | 51.6   |
| 79       | 36.5  | 33.8  | 50.6   |



#18  
Hexachloroethane  
Concen: 38.101 ng  
RT: 9.10 min Scan# 1023  
Delta R.T. 0.01 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 104205 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.2  | 73.8  | 110.8  |
| 201      | 124.6 | 108.3 | 162.5  |

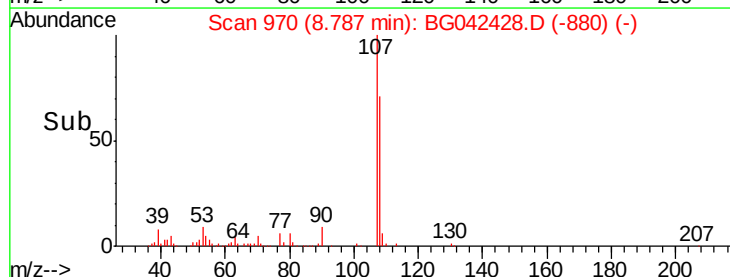
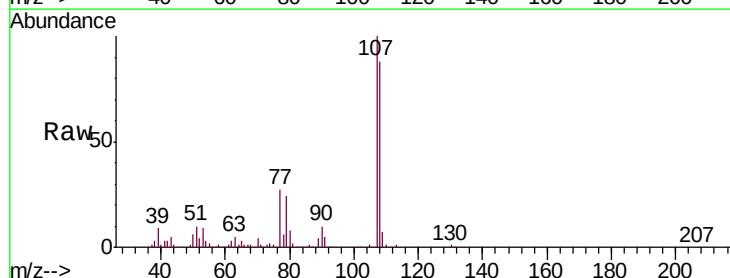
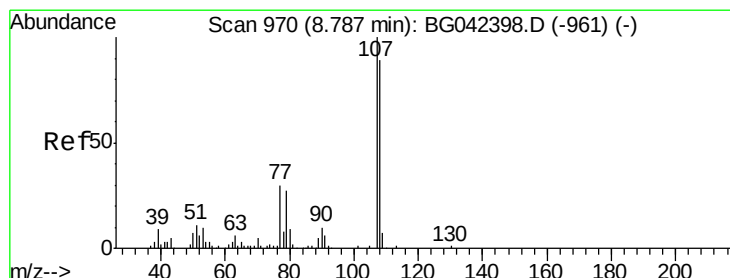
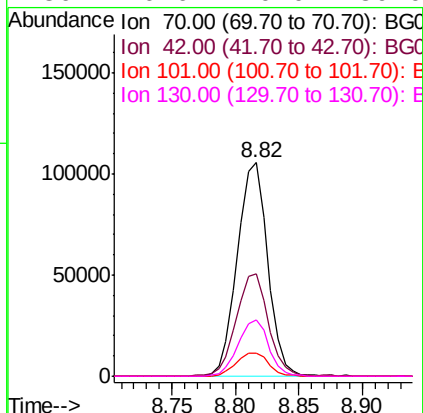




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.463 ng  
RT: 8.82 min Scan# 975  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

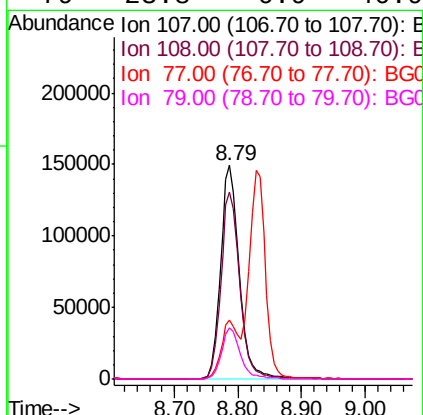
Instrument :  
BNA\_G  
ClientSampleId :

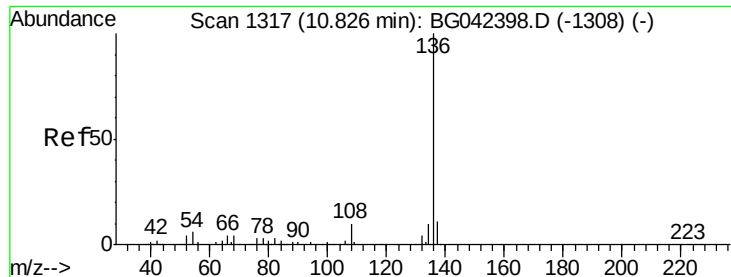
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 176671 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 48.1  | 38.8  | 58.2   |
| 101      | 10.9  | 9.0   | 13.6   |
| 130      | 26.6  | 20.0  | 30.0   |



#20  
3+4-Methylphenols  
Concen: 43.282 ng  
RT: 8.79 min Scan# 970  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 309940 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.6  | 68.7  | 108.7  |
| 77       | 27.4  | 10.2  | 50.2   |
| 79       | 23.8  | 6.9   | 46.9   |

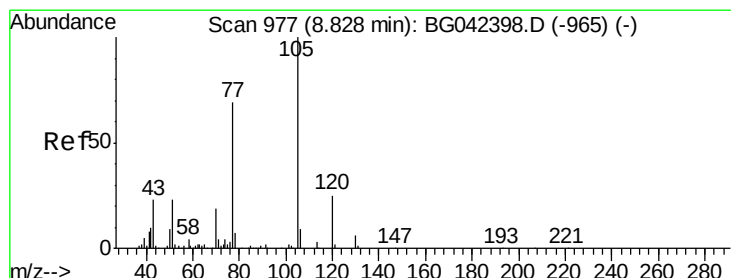
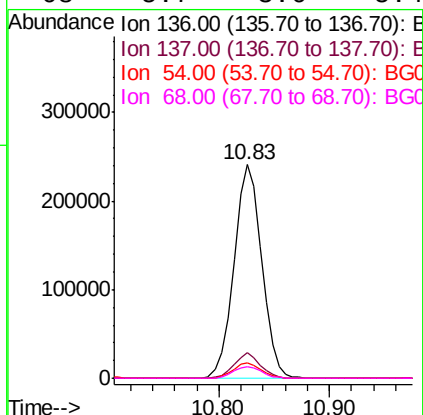
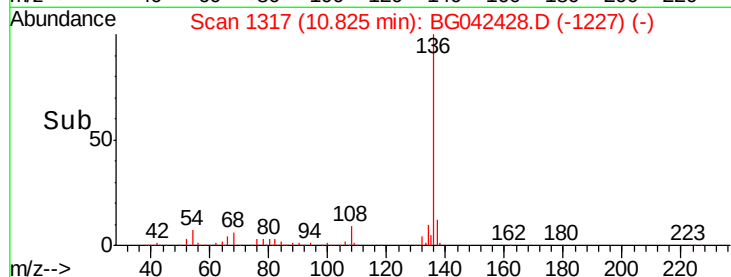
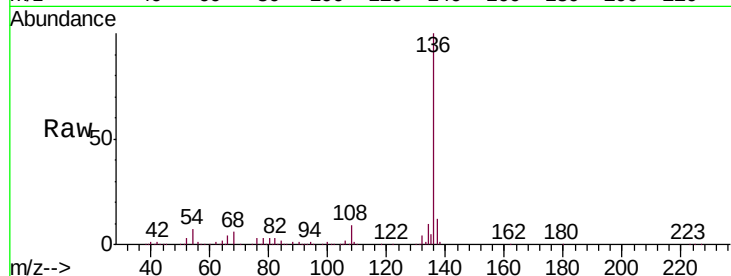




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

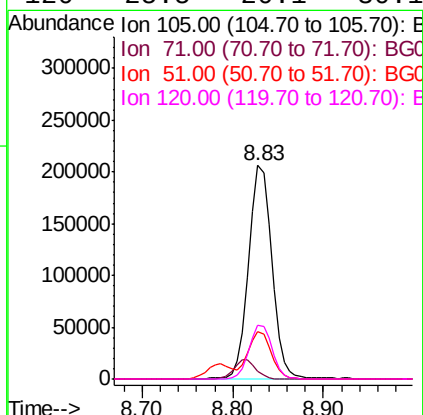
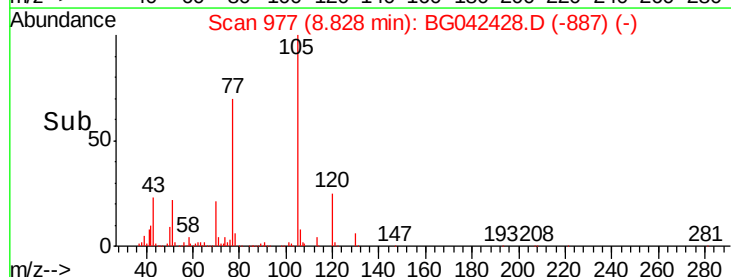
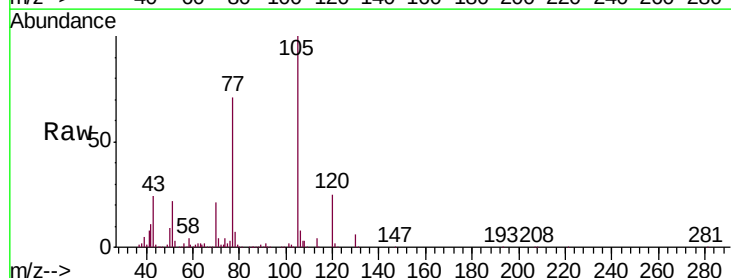
Instrument :  
BNA\_G  
ClientSampleId :

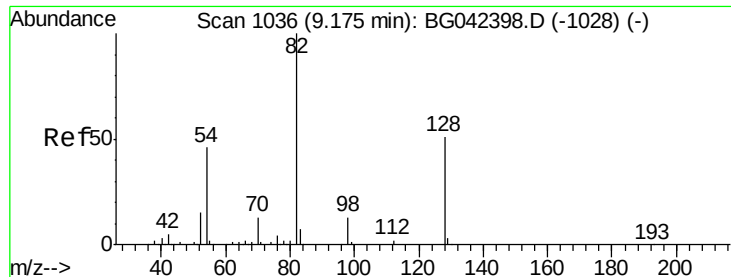
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 424009 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.8    | 8.7   | 13.1   |
| 54 7.3      | 4.9   | 7.3    |
| 68 5.7      | 3.6   | 5.4#   |



#22  
Acetophenone  
Concen: 40.827 ng  
RT: 8.83 min Scan# 977  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 370249 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 3.7     | 2.8   | 4.2    |
| 51  | 22.4    | 18.7  | 28.1   |
| 120 | 25.5    | 20.1  | 30.1   |

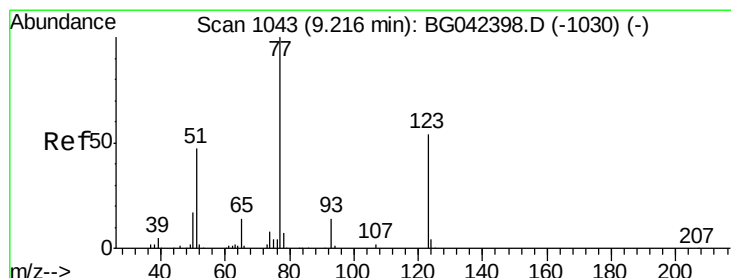
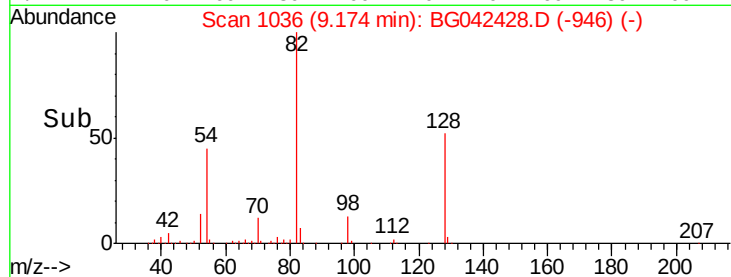
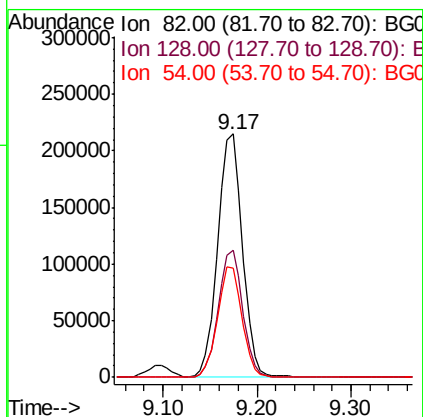
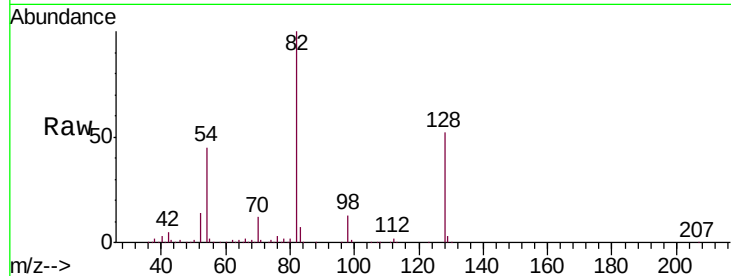




#23  
 Nitrobenzene-d5  
 Concen: 64.398 ng  
 RT: 9.17 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

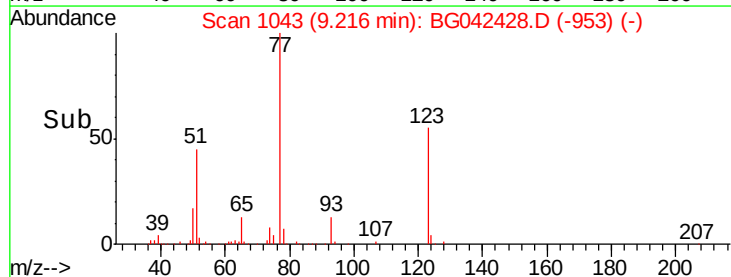
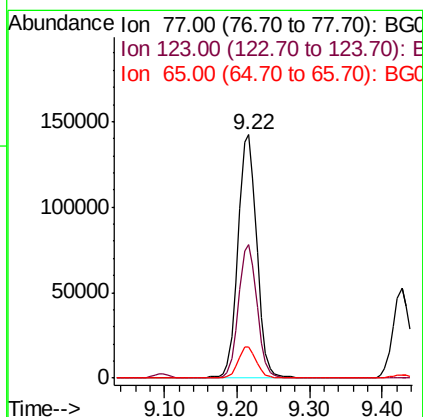
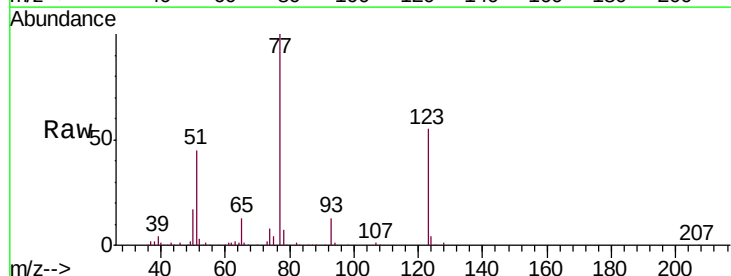
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 82    | Resp  | 395136 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 52.2  | 40.7  | 61.1   |
| 54        | 44.6  | 36.3  | 54.5   |

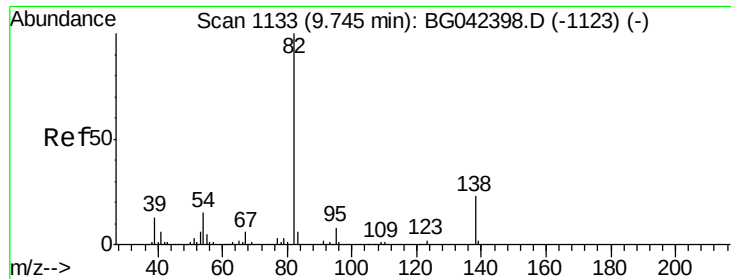


#24  
 Nitrobenzene  
 Concen: 41.398 ng  
 RT: 9.22 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

| Tgt Ion   | 77    | Resp  | 257220 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 55.0  | 43.4  | 65.0   |
| 65        | 12.8  | 11.0  | 16.6   |







#25

Isophorone

Concen: 39.872 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampleId :

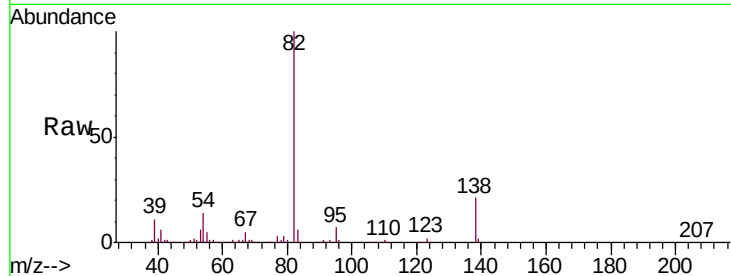
Tot Ion: 82 Resp: 482816

Ion Ratio Lower Upper

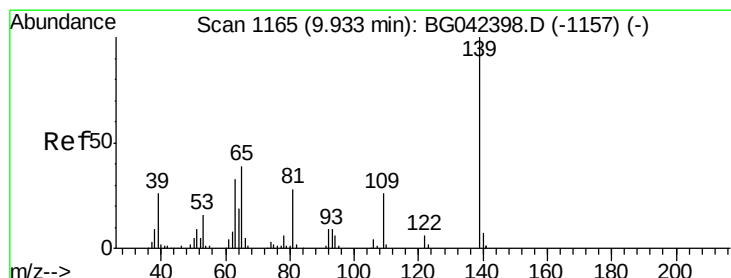
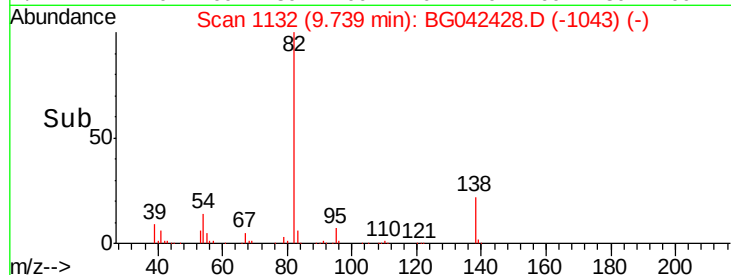
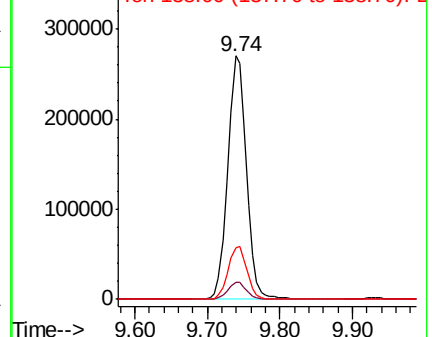
82 100

95 7.1 6.6 9.8

138 21.5 18.6 27.8



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.479 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

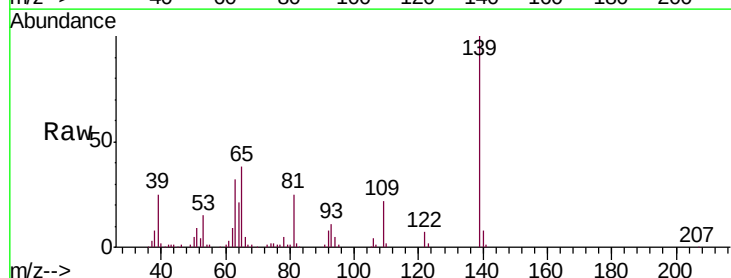
Tgt Ion: 139 Resp: 161507

Ion Ratio Lower Upper

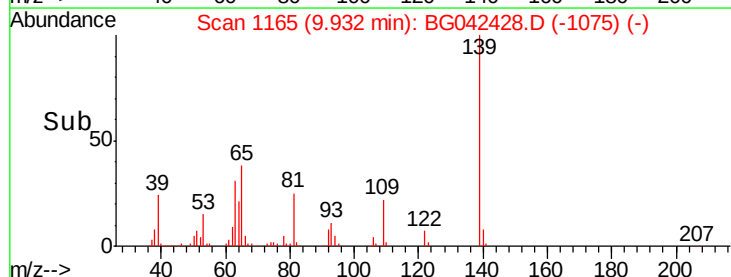
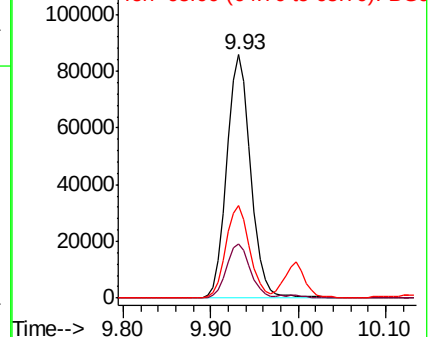
139 100

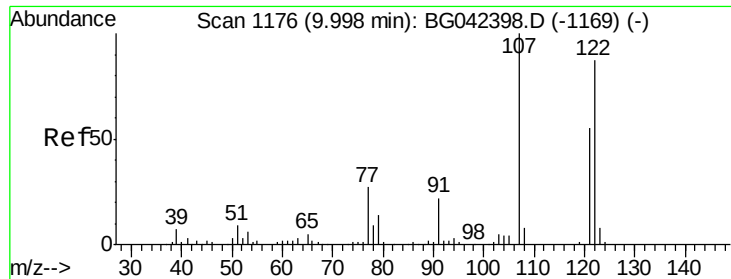
109 22.4 20.5 30.7

65 38.1 30.9 46.3



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC

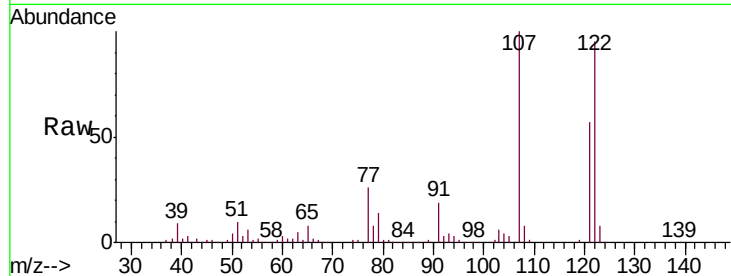




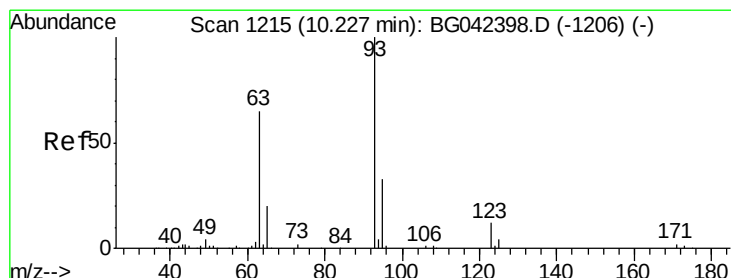
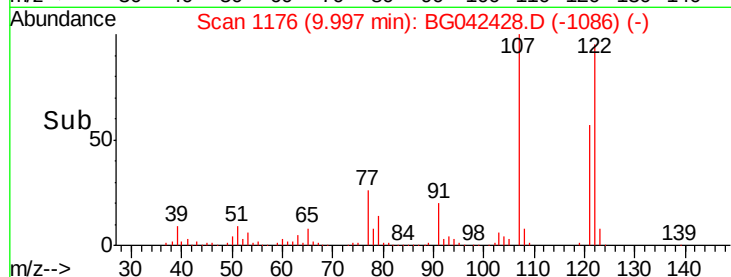
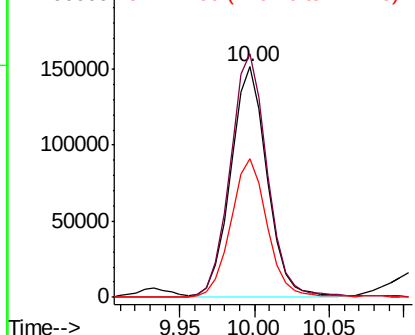
#27  
 2,4-Dimethylphenol  
 Concen: 47.740 ng  
 RT: 10.00 min Scan# 1176  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:122 Resp: 256056  
 Ion Ratio Lower Upper  
 122 100  
 107 105.7 90.8 136.2  
 121 60.1 49.6 74.4

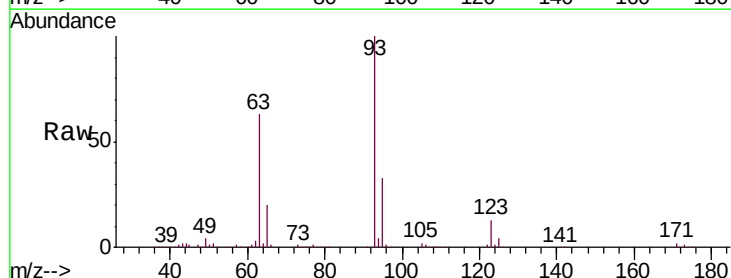


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

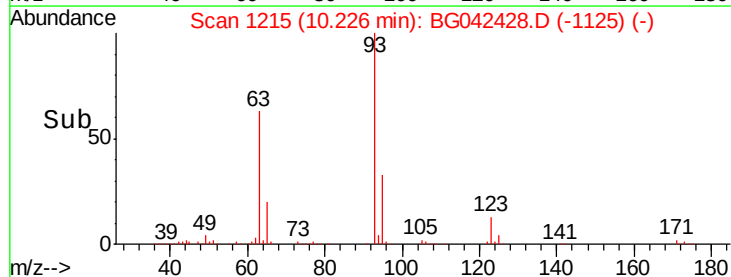
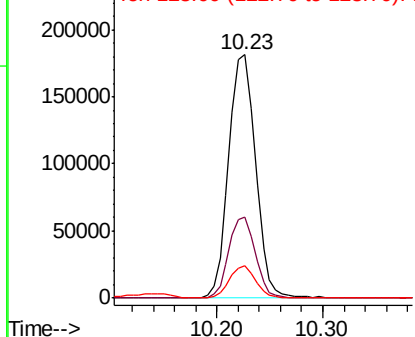


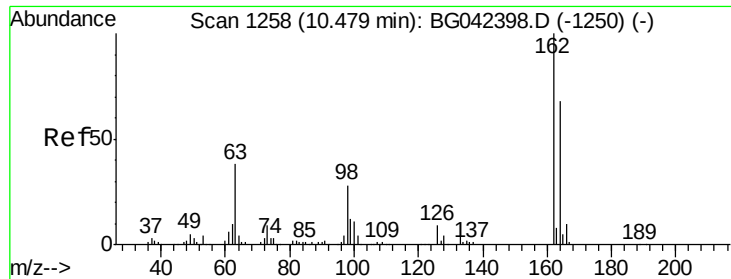
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.129 ng  
 RT: 10.23 min Scan# 1215  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

Tgt Ion: 93 Resp: 321531  
 Ion Ratio Lower Upper  
 93 100  
 95 33.1 26.6 40.0  
 123 13.2 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC  
 Ion 123.00 (122.70 to 123.70): E

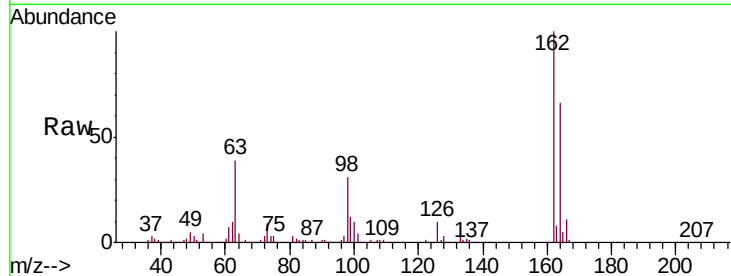




#29  
 2,4-Dichlorophenol  
 Concen: 39.723 ng  
 RT: 10.48 min Scan# 1258  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.1  | 48.1  | 88.1  |
| 98      | 31.1  | 7.6   | 47.6  |

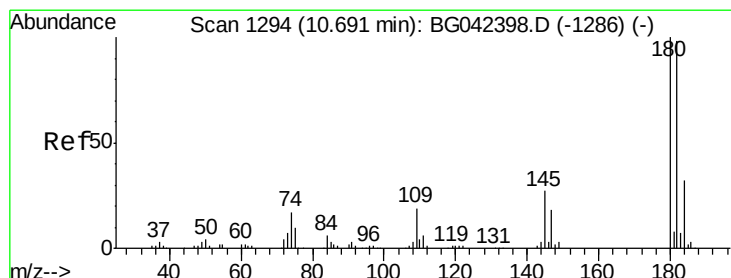
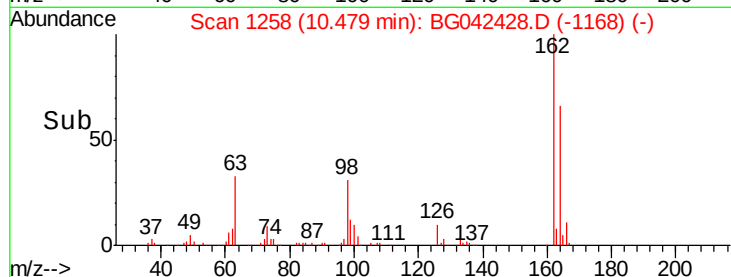
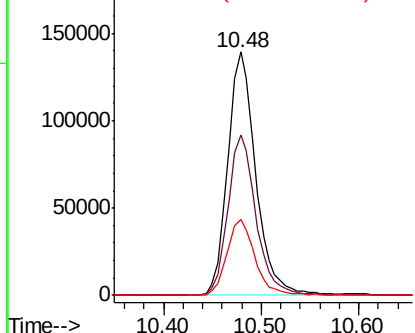


Abundance

Ion 162.00 (161.70 to 162.70): E

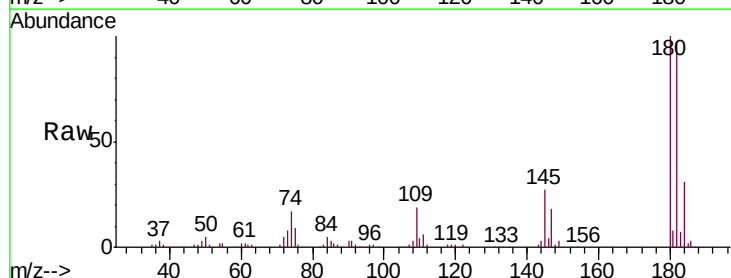
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.048 ng  
 RT: 10.69 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.1  | 78.7  | 118.1 |
| 145     | 27.2  | 21.6  | 32.4  |

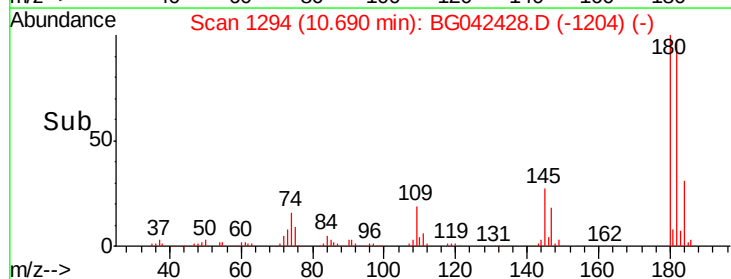
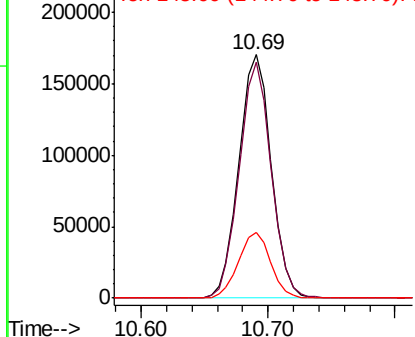


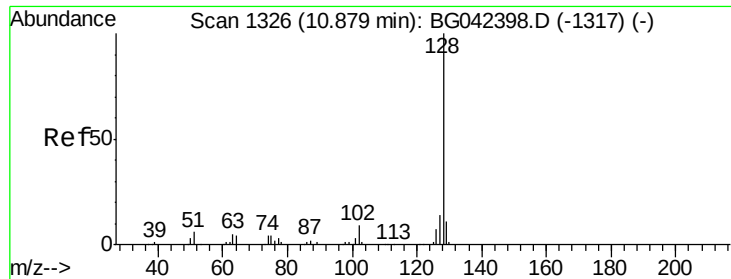
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

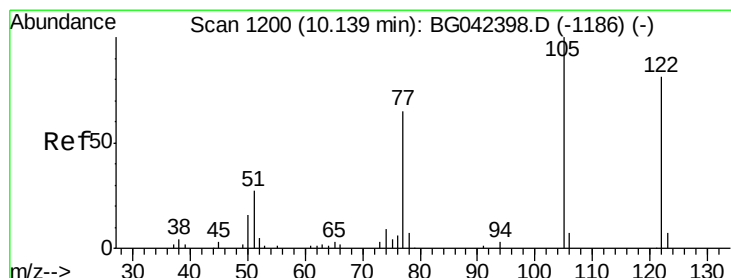
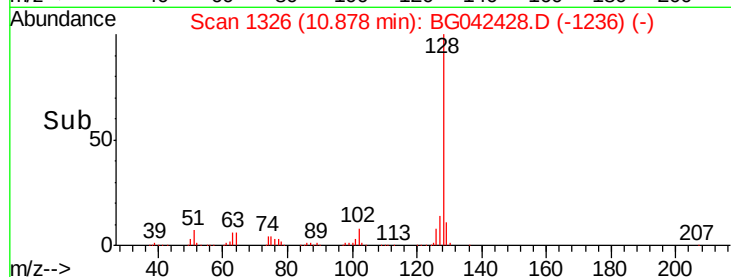
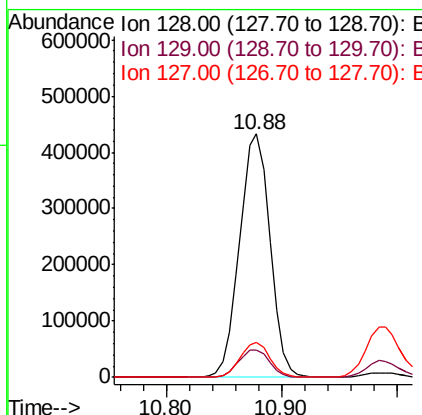
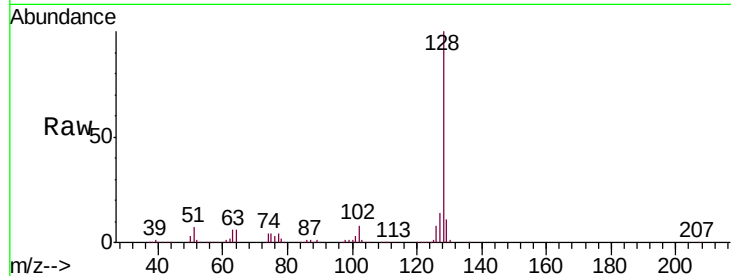




#31  
Naphthalene  
Concen: 40.312 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

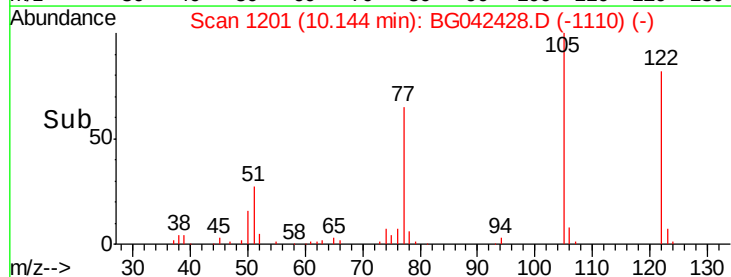
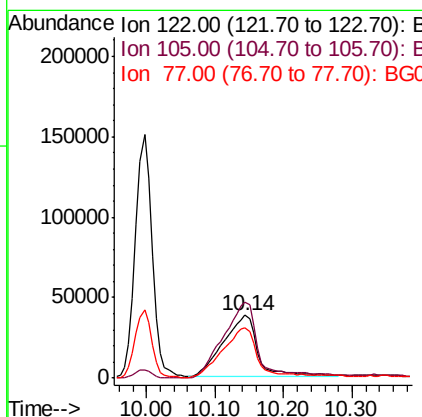
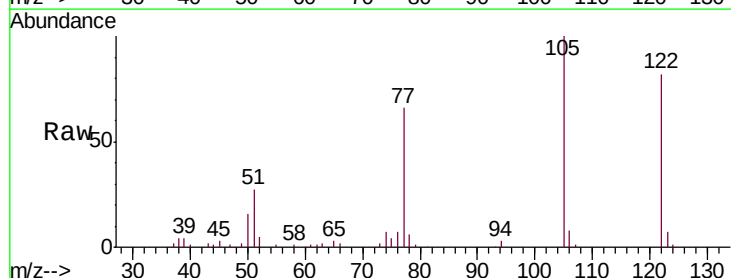
Instrument :  
BNA\_G  
ClientSampled :

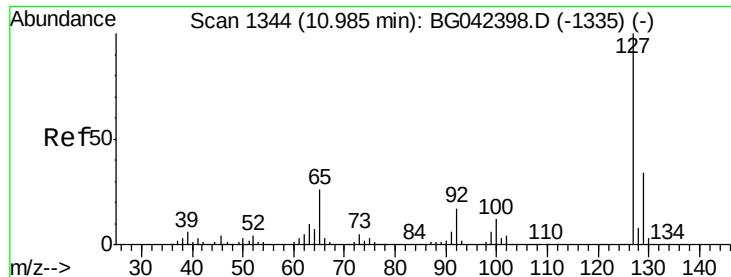
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 8.8   | 13.2  |
| 127     | 14.3  | 11.4  | 17.0  |



#32  
Benzoic acid  
Concen: 36.437 ng  
RT: 10.14 min Scan# 1201  
Delta R.T. 0.01 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 121.9 | 99.6  | 139.6 |
| 77      | 80.4  | 59.5  | 99.5  |

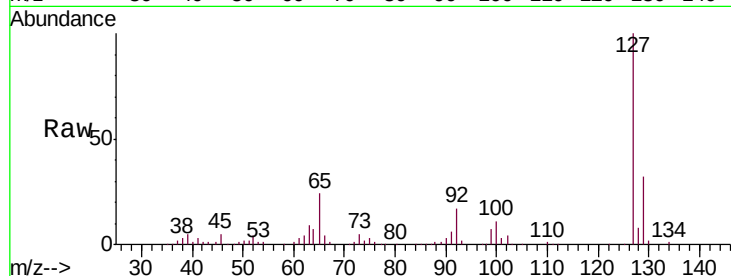




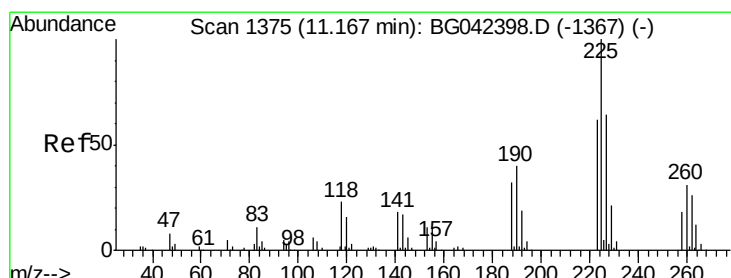
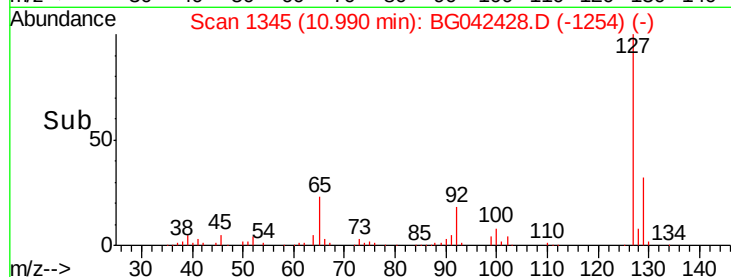
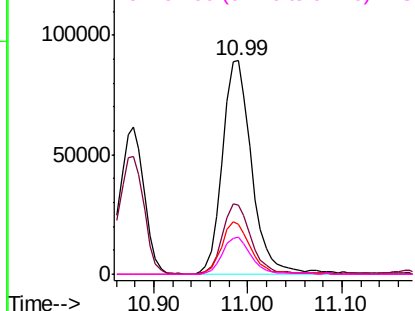
#33  
4-Chloroaniline  
Concen: 21.209 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. 0.01 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

Instrument :  
BNA\_G  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 192739 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 26.8  | 40.2   |
| 65       | 23.6  | 20.7  | 31.1   |
| 92       | 17.5  | 13.6  | 20.4   |

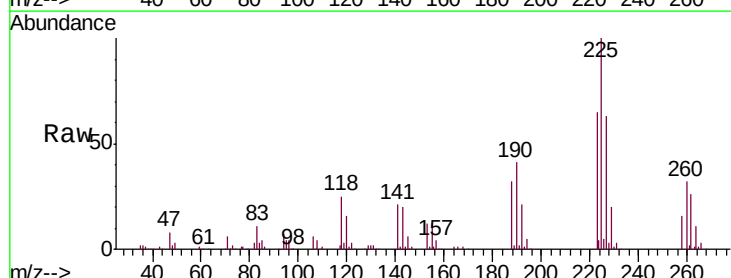


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

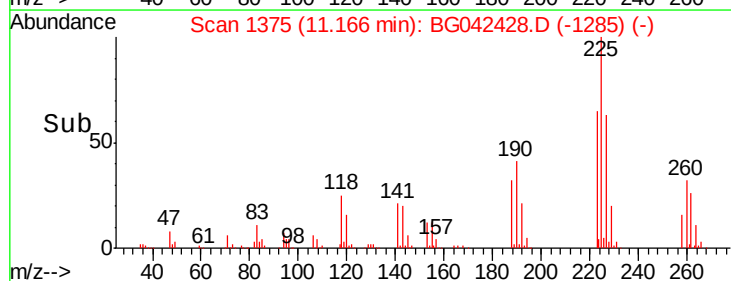
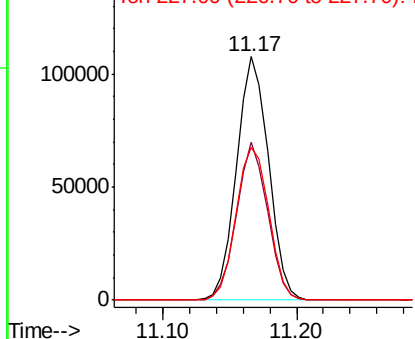


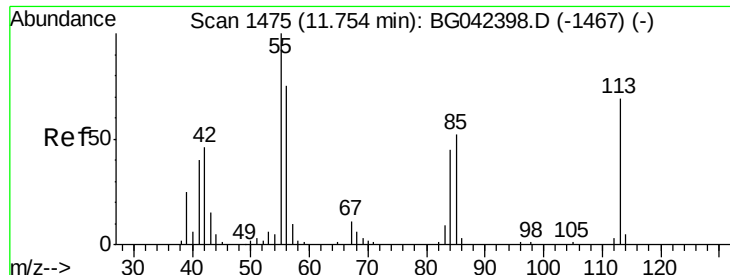
#34  
Hexachlorobutadiene  
Concen: 30.876 ng  
RT: 11.17 min Scan# 1375  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 178738 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.7  | 49.8  | 74.6   |
| 227      | 62.6  | 50.9  | 76.3   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

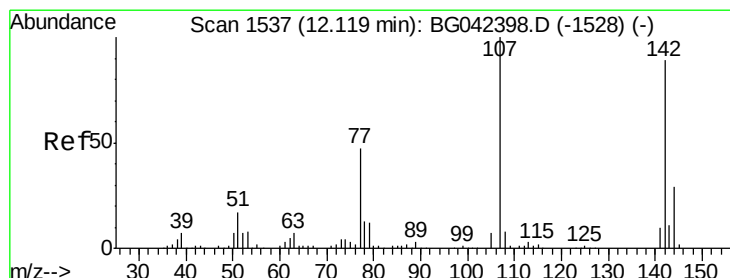
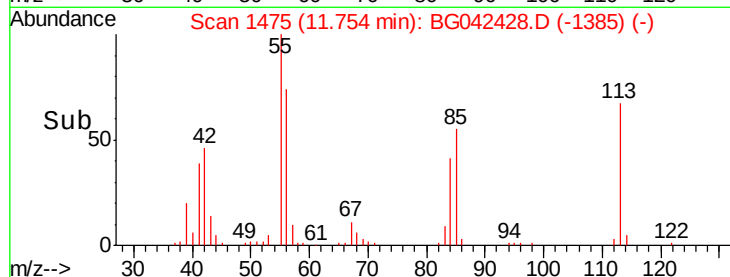
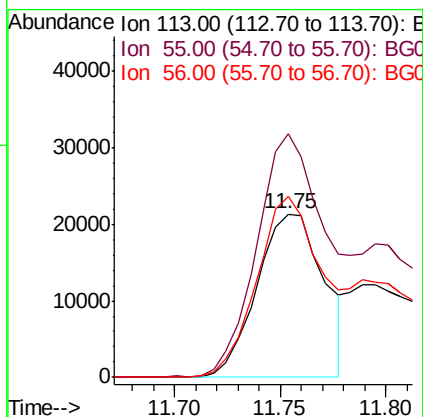
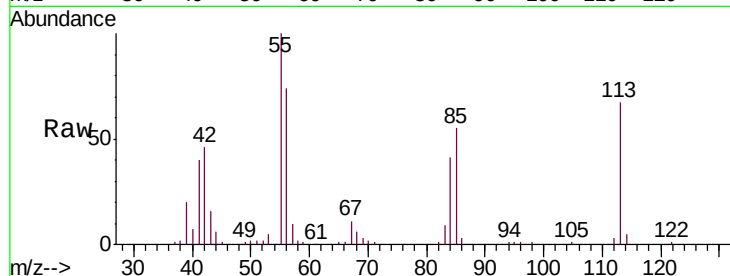




#35  
Caprolactam  
Concen: 20.095 ng  
RT: 11.75 min Scan# 1475  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

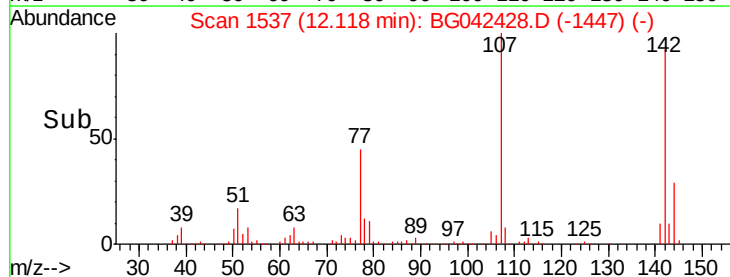
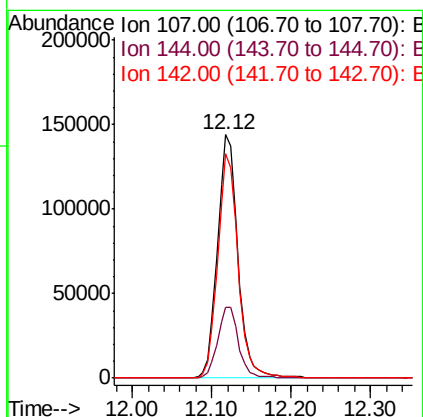
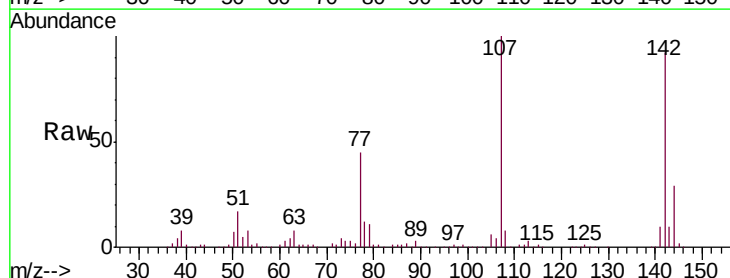
Instrument :  
BNA\_G  
ClientSampled :

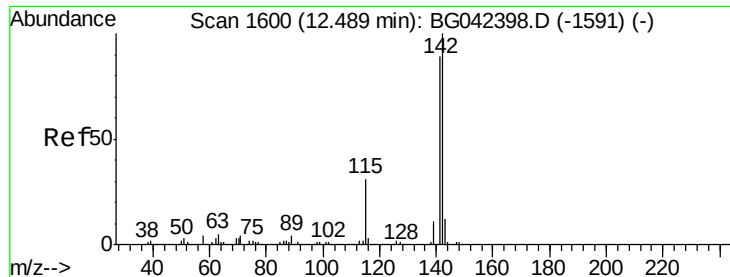
Tot Ion:113 Resp: 47053  
Ion Ratio Lower Upper  
113 100  
55 149.0 124.6 164.6  
56 110.9 88.3 128.3



#36  
4-Chloro-3-methylphenol  
Concen: 38.750 ng  
RT: 12.12 min Scan# 1537  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

Tgt Ion:107 Resp: 258140  
Ion Ratio Lower Upper  
107 100  
144 29.2 23.6 35.4  
142 92.1 71.0 106.4





#37

2-Methylnaphthalene

Concen: 38.122 ng

RT: 12.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampleId :

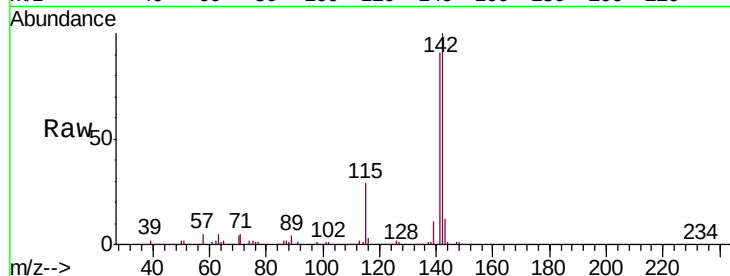
Tot Ion:142 Resp: 602578

Ion Ratio Lower Upper

142 100

141 90.6 71.4 107.2

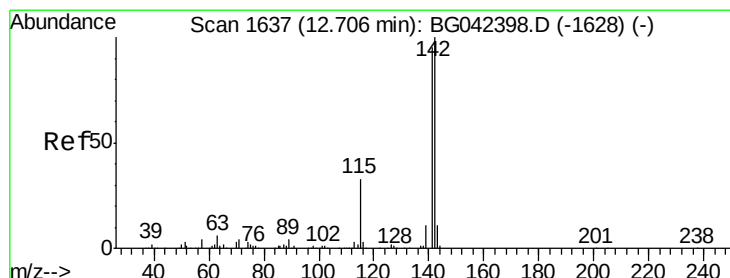
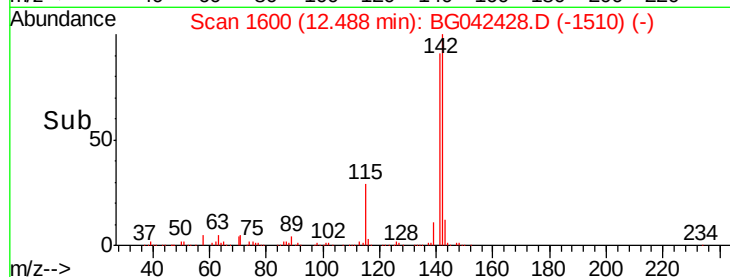
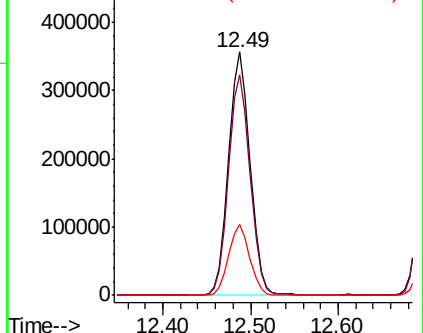
115 29.3 25.2 37.8



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: 37.618 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

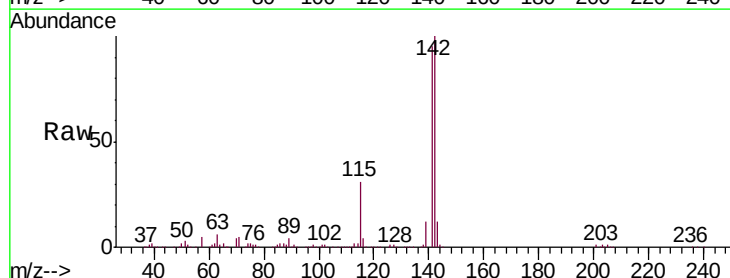
Tgt Ion:142 Resp: 564814

Ion Ratio Lower Upper

142 100

141 95.4 76.2 114.2

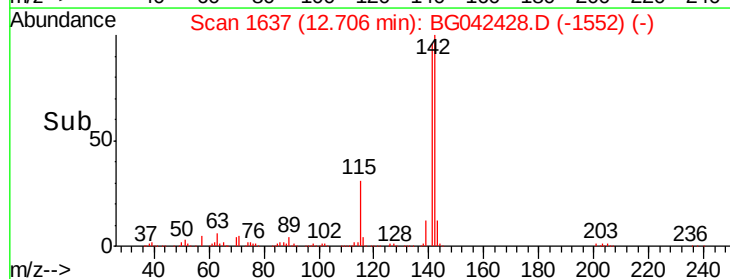
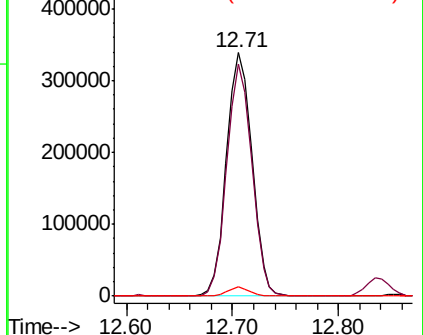
116 3.6 2.8 4.2

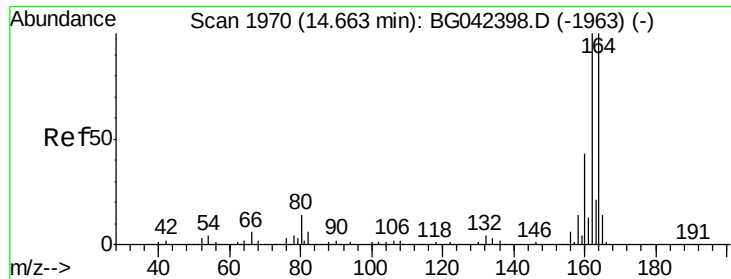


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampleId :

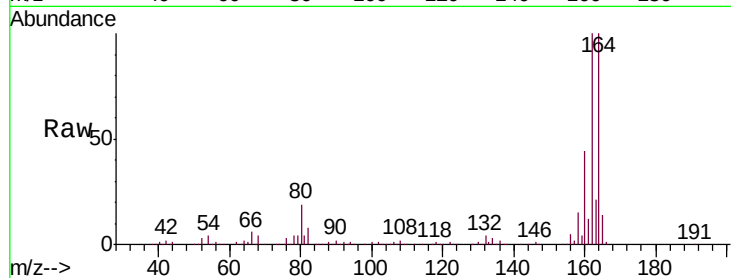
Tot Ion:164 Resp: 280096

Ion Ratio Lower Upper

164 100

162 100.1 79.9 119.9

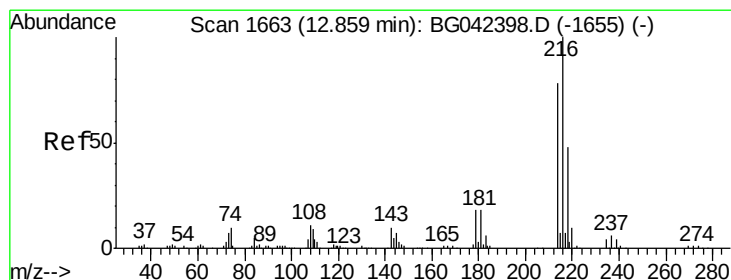
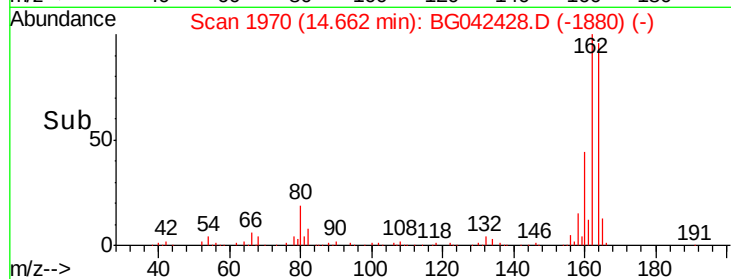
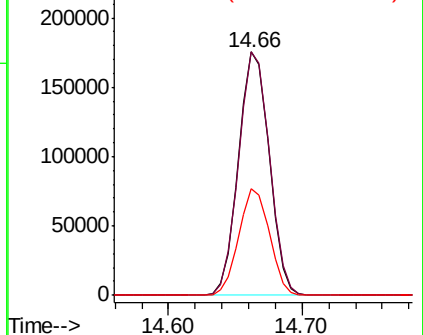
160 43.7 34.3 51.5



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: 36.410 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion:216 Resp: 327507

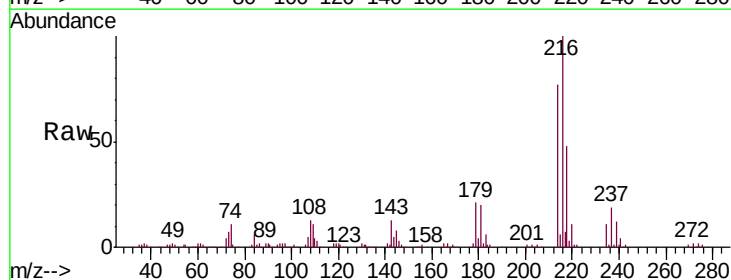
Ion Ratio Lower Upper

216 100

214 76.9 61.4 92.2

179 19.9 15.1 22.7

108 15.3 9.4 14.0#

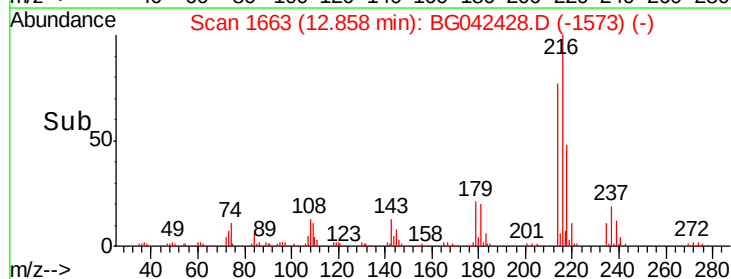
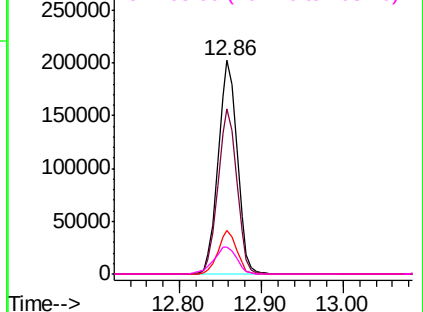


Abundance Ion 216.00 (215.70 to 216.70): E

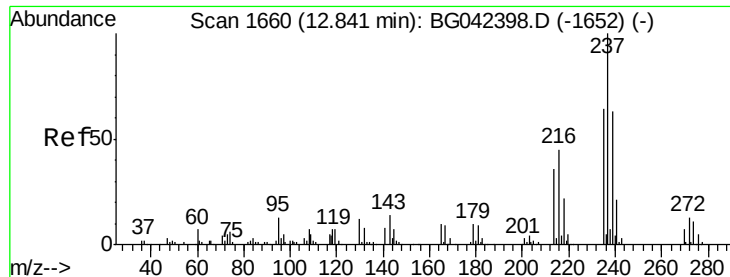
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



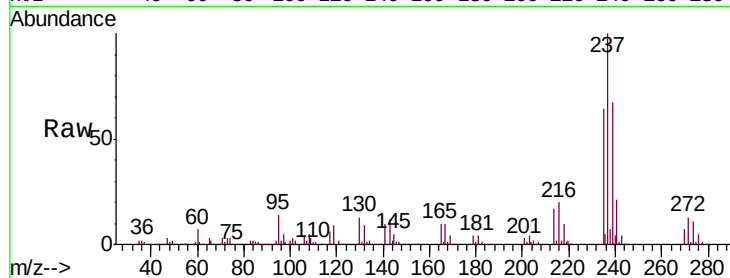




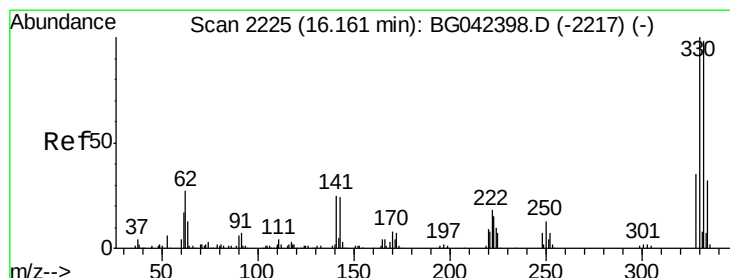
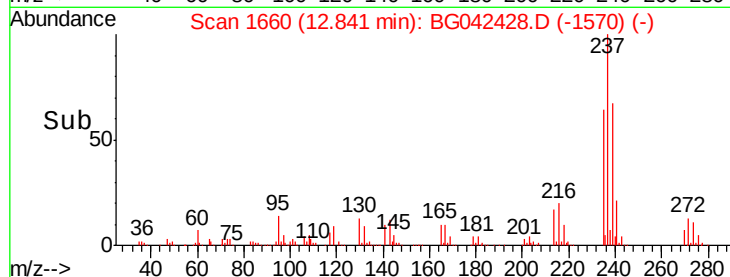
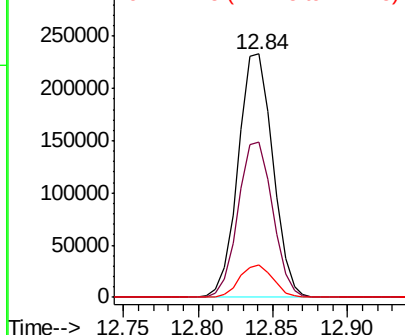
#41  
Hexachlorocyclopentadiene  
Concen: 79.623 ng  
RT: 12.84 min Scan# 1660  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 63.8  | 43.7  | 83.7  |
| 272     | 13.2  | 0.0   | 33.3  |

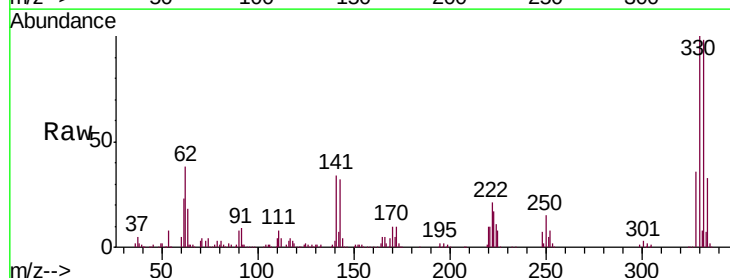


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

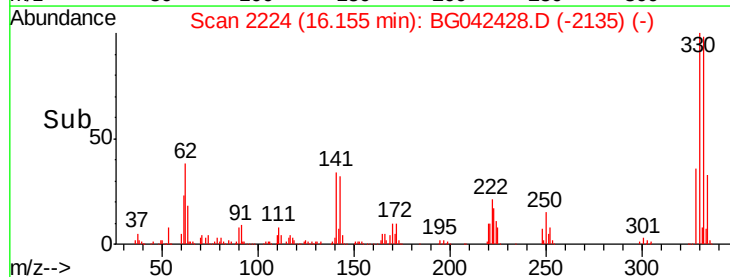
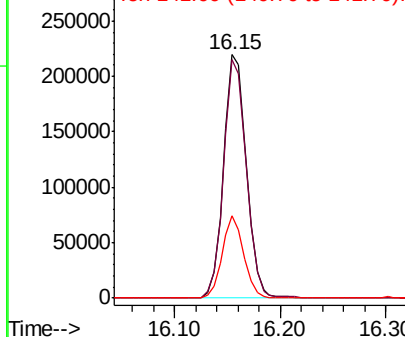


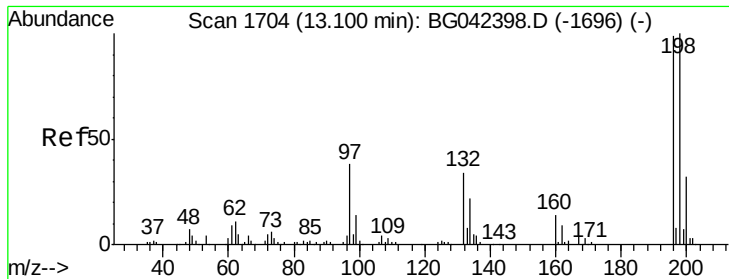
#42  
2,4,6-Tribromophenol  
Concen: 82.480 ng  
RT: 16.15 min Scan# 2224  
Delta R.T. -0.01 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.3  | 77.4  | 116.0 |
| 141     | 32.1  | 21.4  | 32.0# |



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

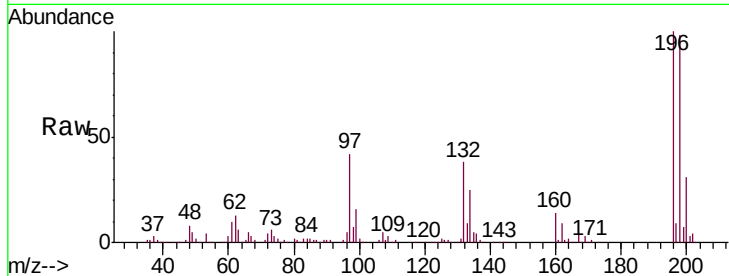




#43  
 2,4,6-Trichlorophenol  
 Concen: 37.644 ng  
 RT: 13.10 min Scan# 1704  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.5  | 80.7  | 121.1 |
| 200     | 31.0  | 25.7  | 38.5  |

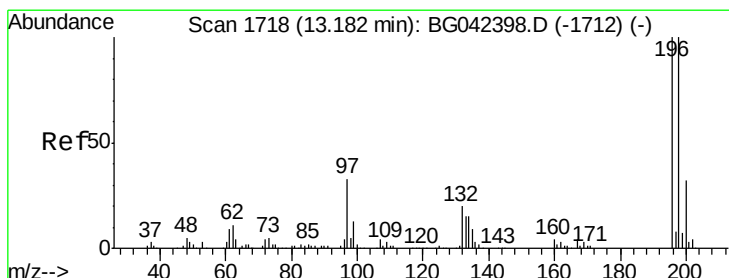
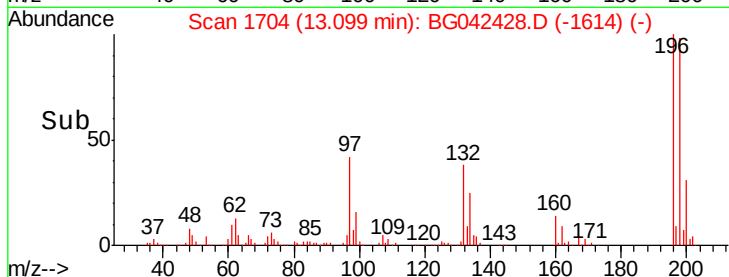
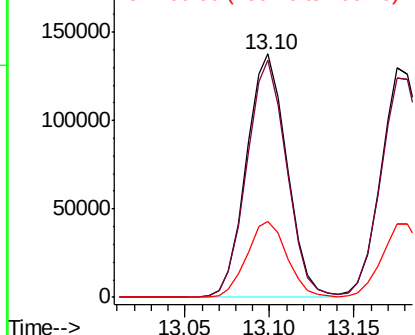


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 38.639 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.9  | 80.2  | 120.4 |
| 97      | 36.5  | 26.3  | 39.5  |
| 132     | 23.5  | 16.6  | 24.8  |

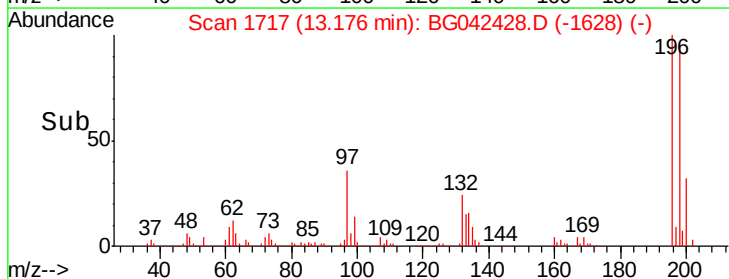
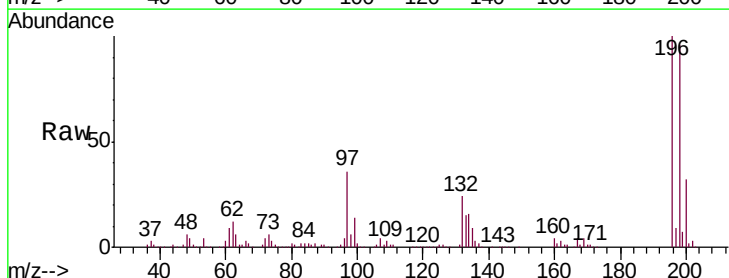
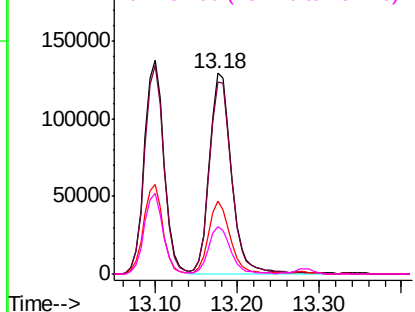
Abundance

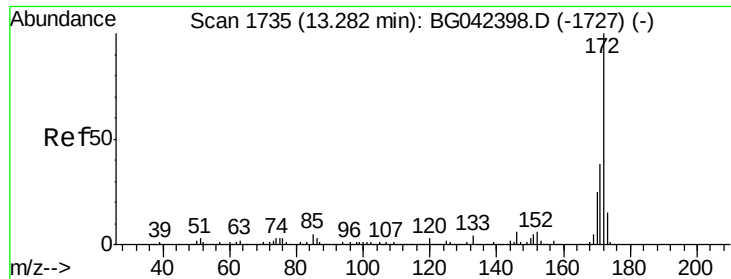
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

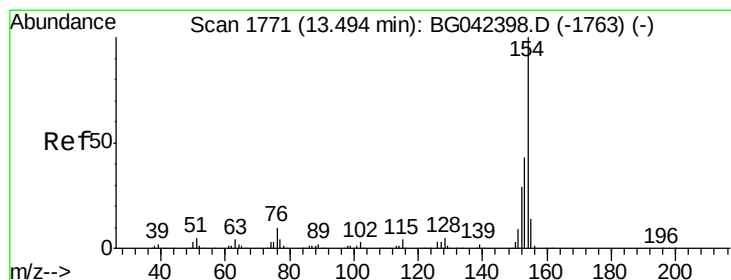
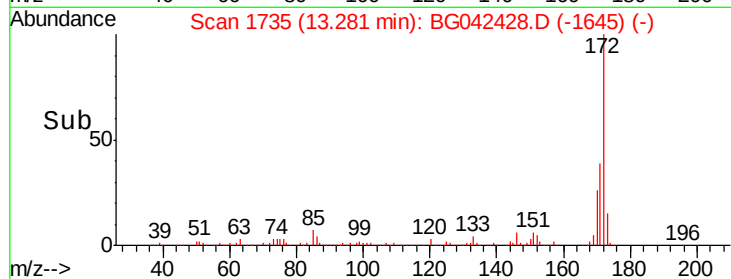
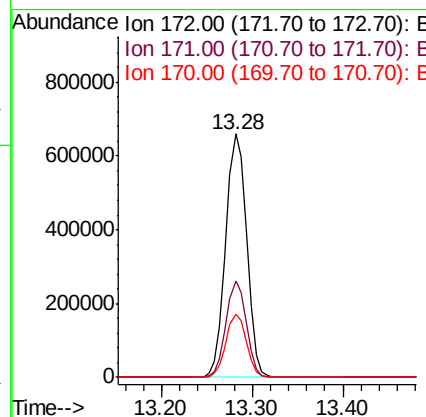
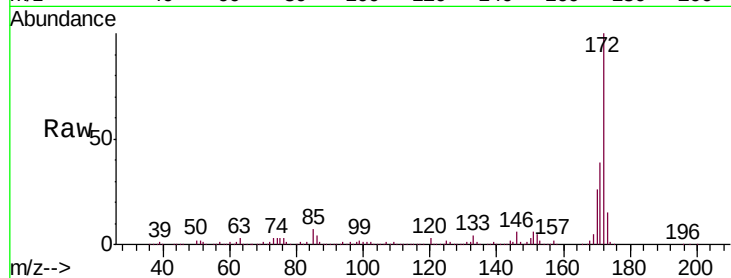




#45  
2-Fluorobiphenyl  
Concen: 63.834 ng  
RT: 13.28 min Scan# 1735  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

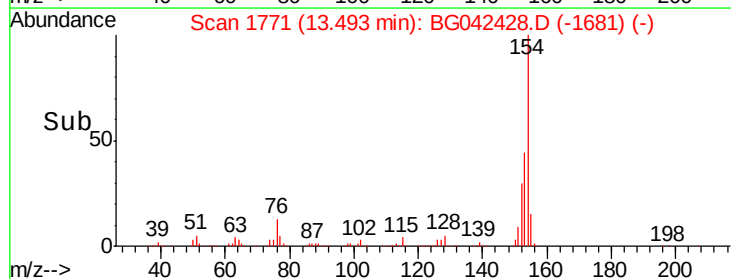
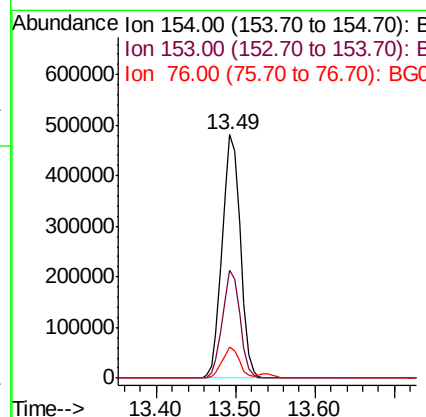
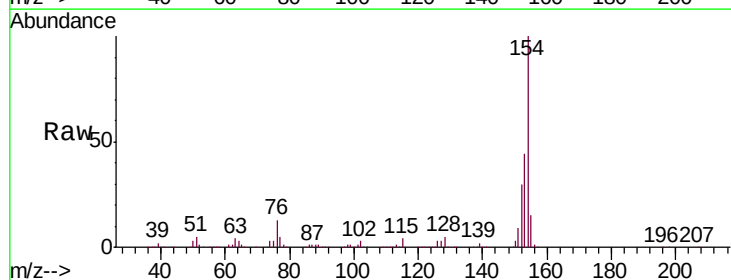
Instrument :  
BNA\_G  
ClientSampleId :

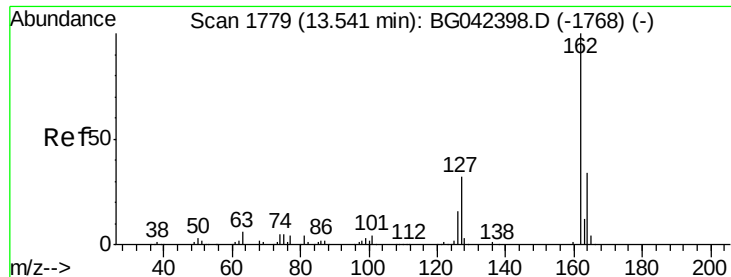
Tot Ion:172 Resp: 1057170  
Ion Ratio Lower Upper  
172 100  
171 39.5 30.5 45.7  
170 25.8 20.2 30.2



#46  
1,1'-Biphenyl  
Concen: 42.245 ng  
RT: 13.49 min Scan# 1771  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

Tgt Ion:154 Resp: 764864  
Ion Ratio Lower Upper  
154 100  
153 44.1 23.0 63.0  
76 12.7 0.0 29.6





#47

2-Chloronaphthalene

Concen: 39.078 ng

RT: 13.54 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampled :

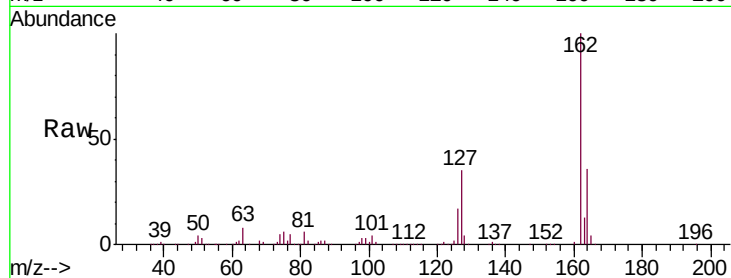
Tot Ion:162 Resp: 610081

Ion Ratio Lower Upper

162 100

127 35.1 26.0 39.0

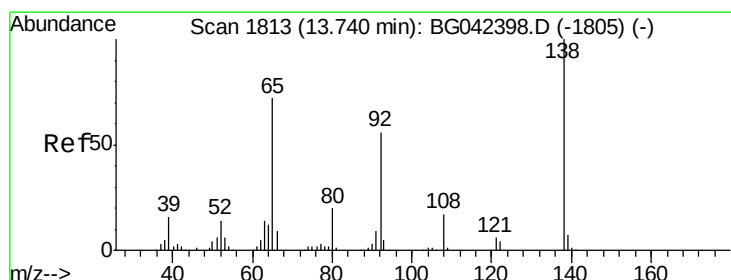
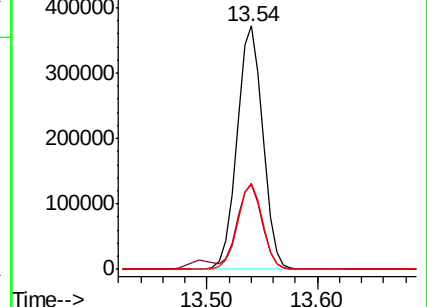
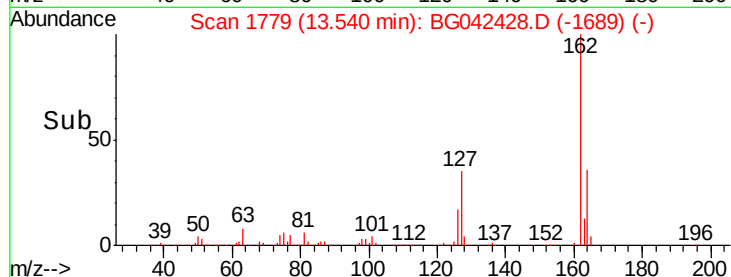
164 35.7 27.4 41.0



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: 39.140 ng

RT: 13.74 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

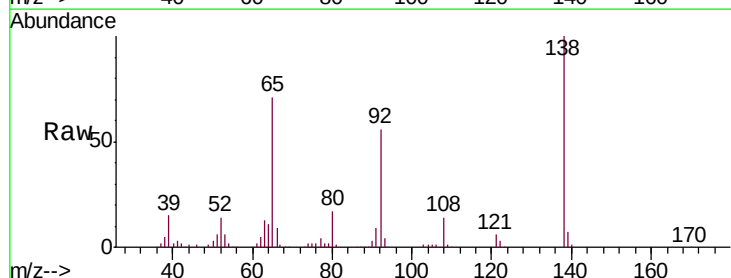
Tgt Ion: 65 Resp: 147351

Ion Ratio Lower Upper

65 100

92 79.7 61.8 92.6

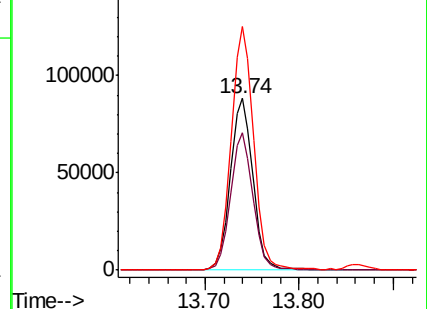
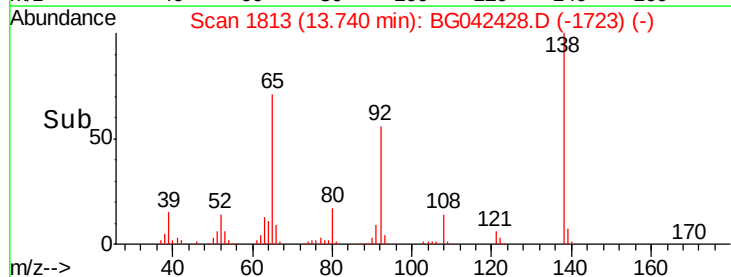
138 141.8 111.0 166.6

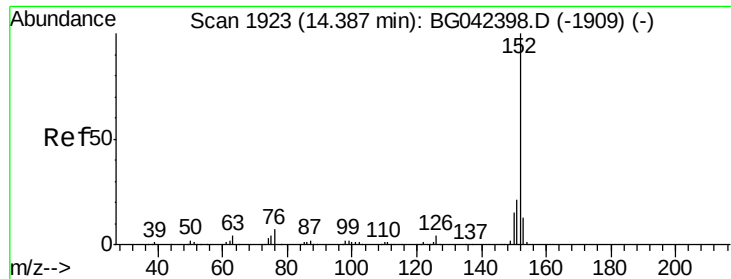


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.789 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

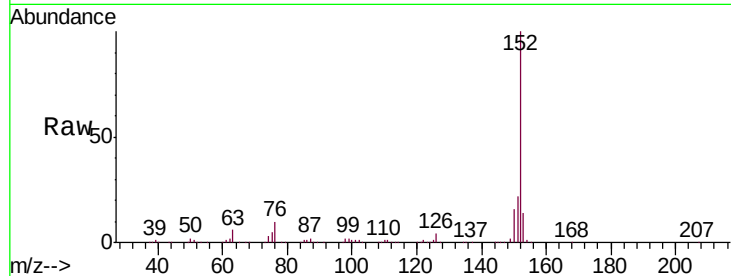
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:152 Resp: 958026

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 22.4  | 17.0  | 25.4  |
| 153 | 14.3  | 10.6  | 16.0  |

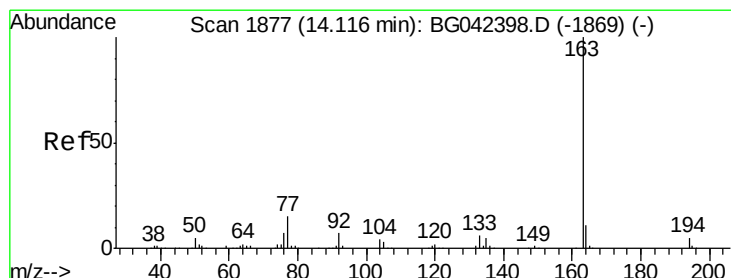
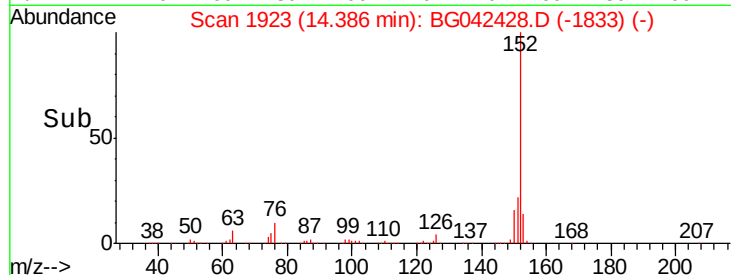
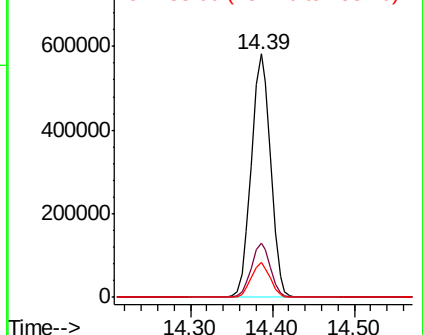


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.556 ng

RT: 14.12 min Scan# 1877

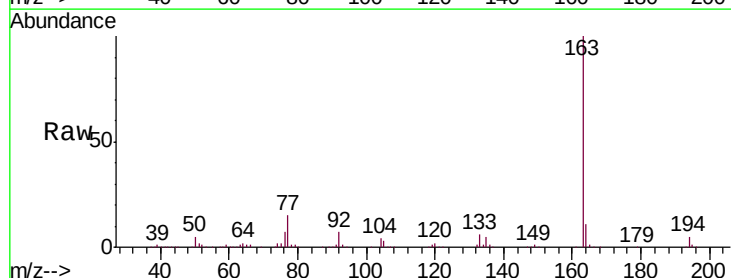
Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion:163 Resp: 738801

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.9   | 4.2   | 6.2   |
| 164 | 10.9  | 8.8   | 13.2  |

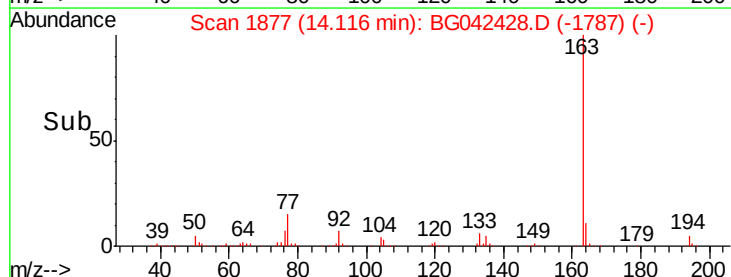
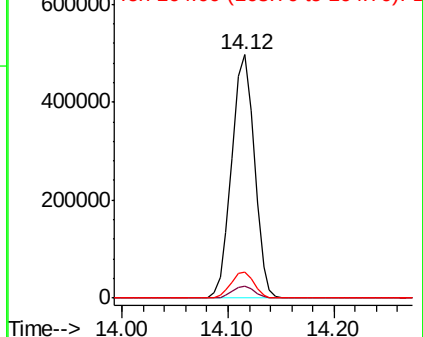


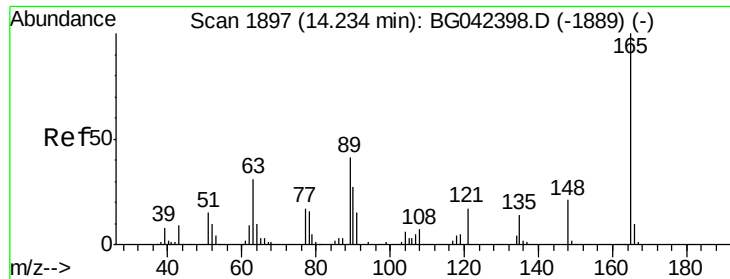
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

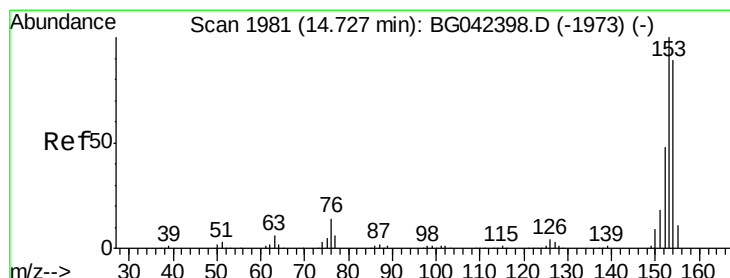
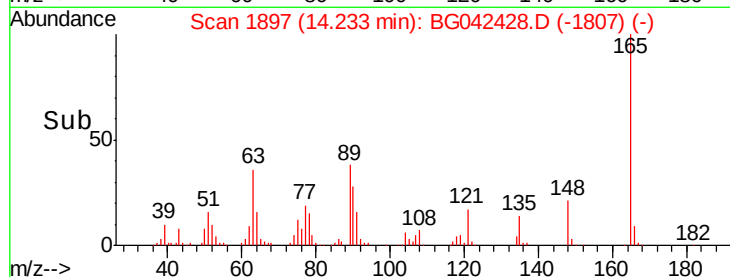
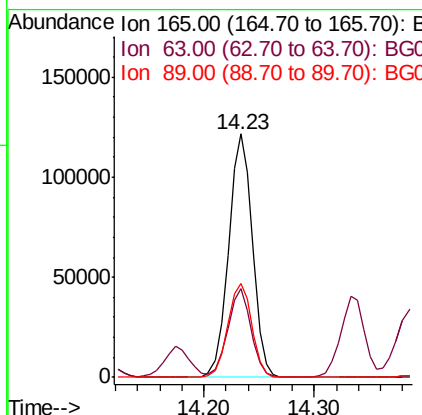
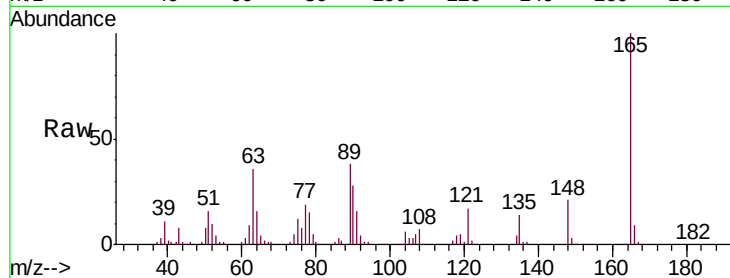




#51  
2,6-Dinitrotoluene  
Concen: 39.166 ng  
RT: 14.23 min Scan# 1897  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

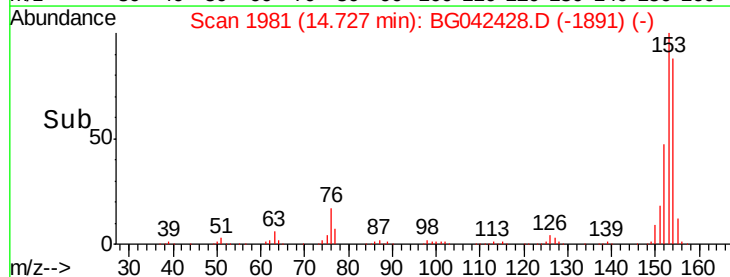
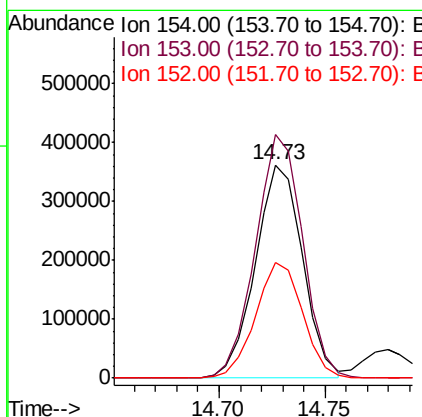
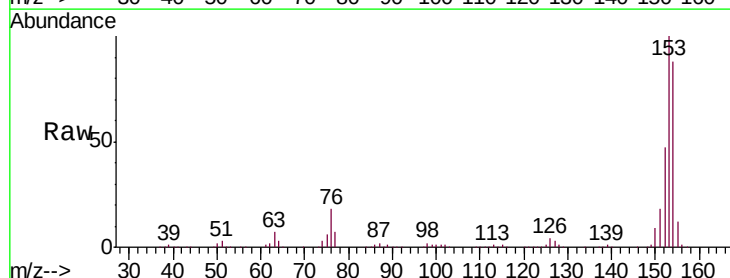
Instrument :  
BNA\_G  
ClientSampleId :

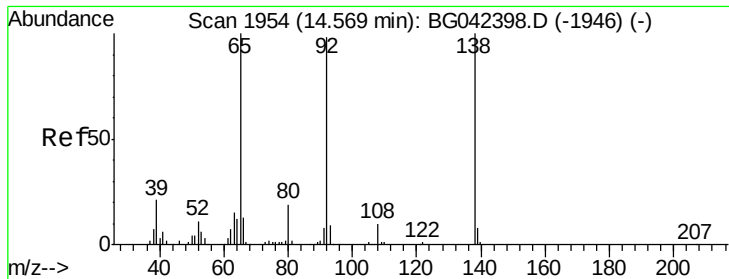
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 36.2  | 30.6  | 45.8  |
| 89      | 38.5  | 32.6  | 49.0  |



#52  
Acenaphthene  
Concen: 39.486 ng  
RT: 14.73 min Scan# 1981  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.2 | 90.2  | 135.4 |
| 152     | 54.2  | 43.2  | 64.8  |





#53

3-Nitroaniline

Concen: 27.780 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampleId :

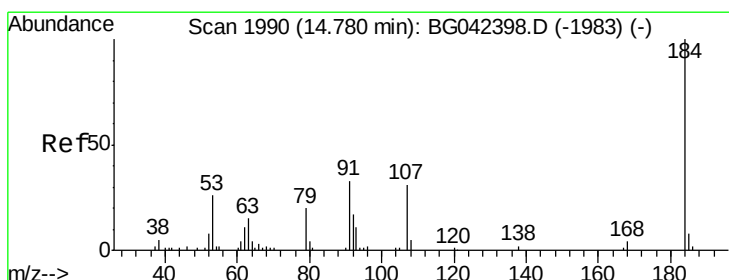
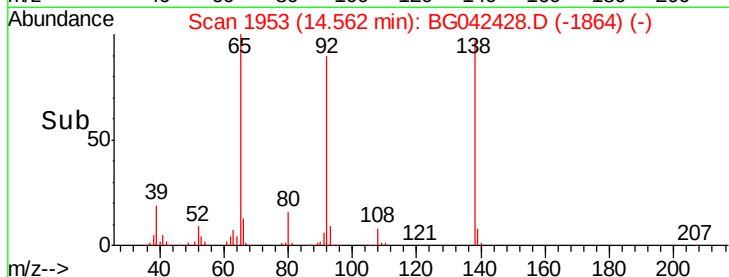
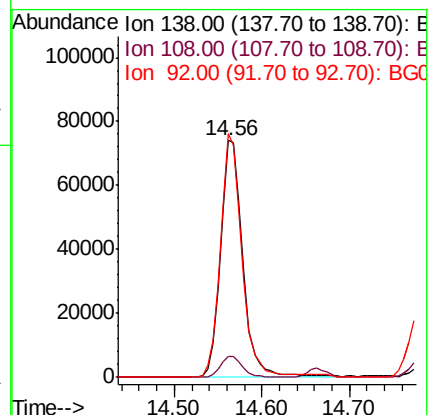
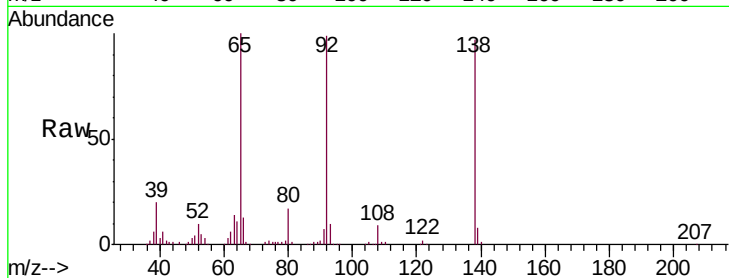
Tot Ion:138 Resp: 130150

Ion Ratio Lower Upper

138 100

108 8.8 8.3 12.5

92 102.7 78.2 117.4



#54

2,4-Dinitrophenol

Concen: 59.582 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

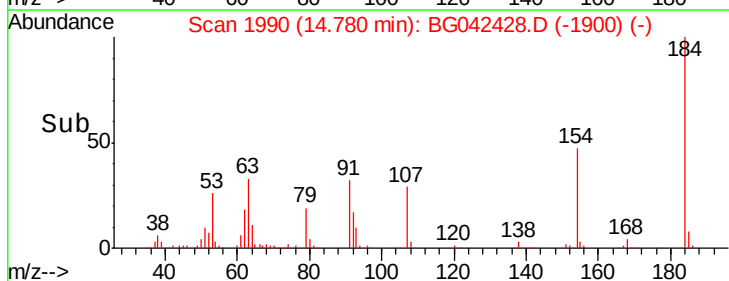
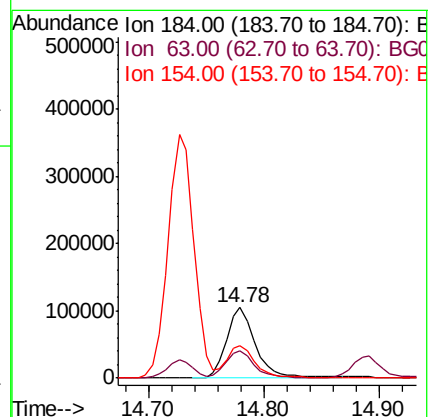
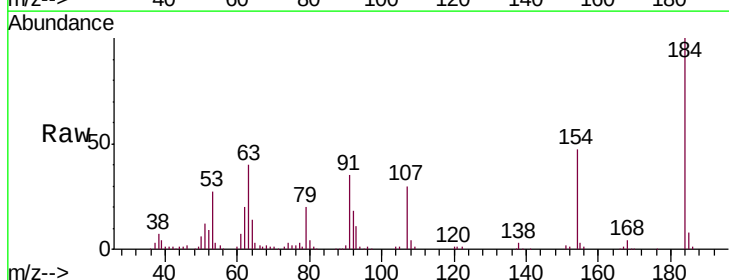
Tgt Ion:184 Resp: 182674

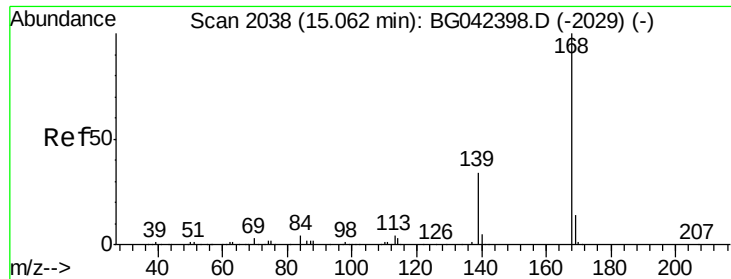
Ion Ratio Lower Upper

184 100

63 39.6 31.7 47.5

154 46.9 42.0 63.0





#55

Dibenzofuran

Concen: 38.406 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampleId :

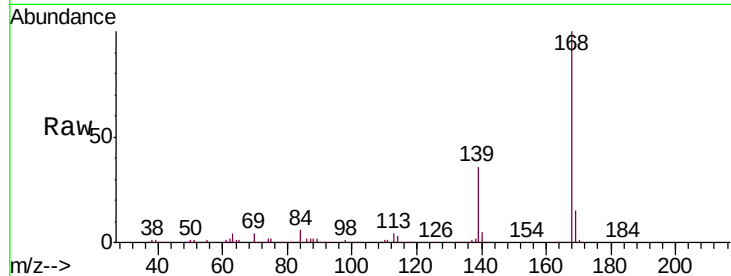
Tot Ion:168 Resp: 906685

Ion Ratio Lower Upper

168 100

139 35.6 27.2 40.8

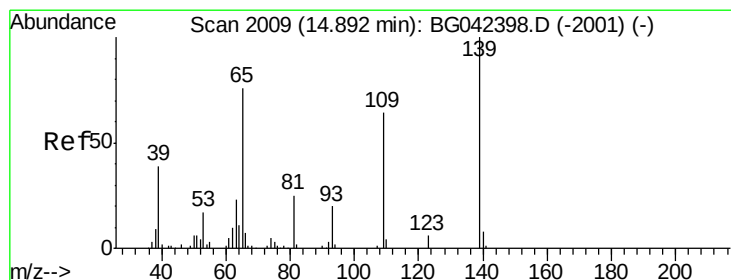
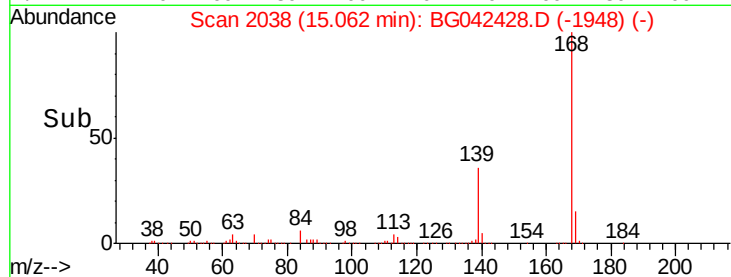
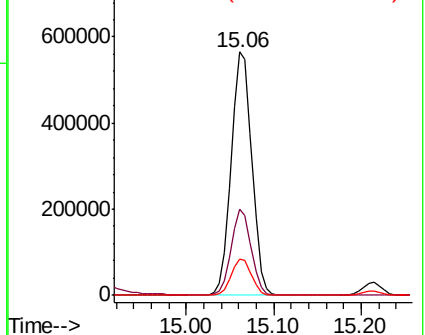
169 15.1 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.702 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

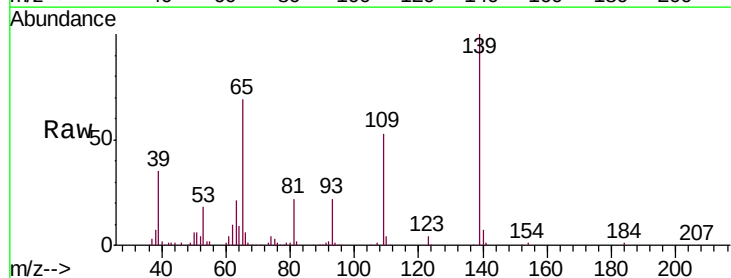
Tgt Ion:139 Resp: 291963

Ion Ratio Lower Upper

139 100

109 53.2 43.9 83.9

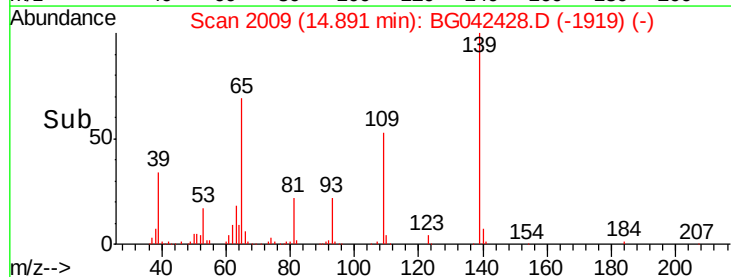
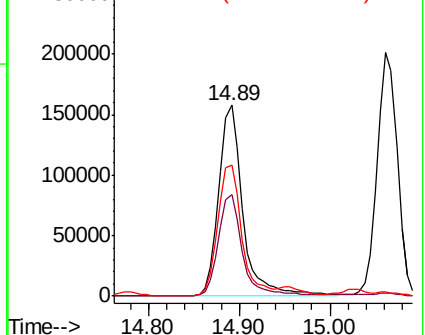
65 69.0 56.3 96.3



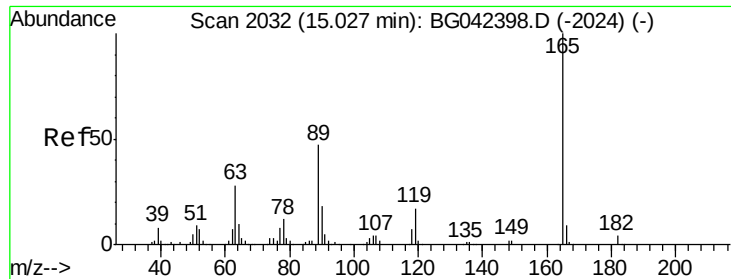
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



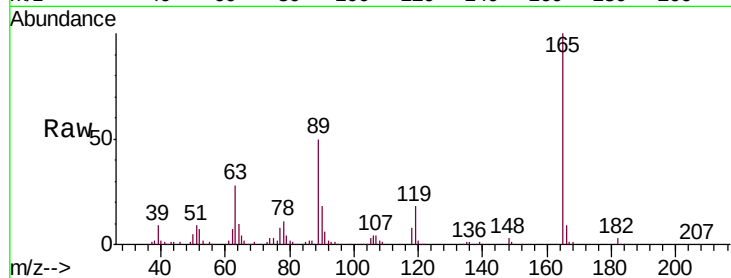




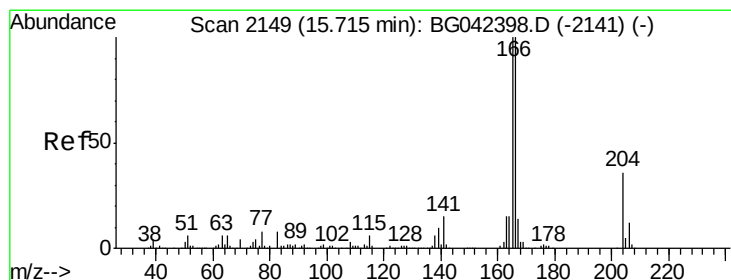
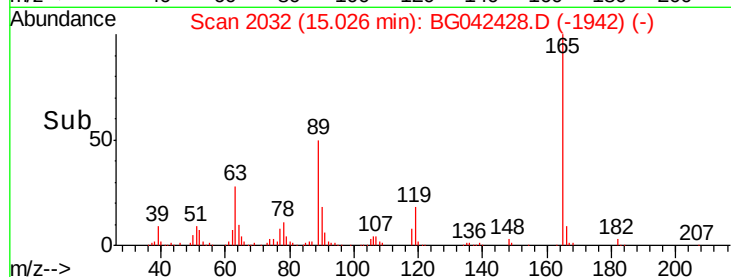
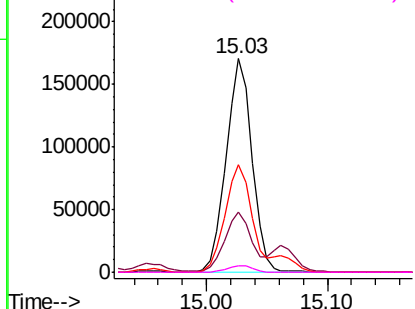
#57  
 2,4-Dinitrotoluene  
 Concen: 37.794 ng  
 RT: 15.03 min Scan# 2032  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

Instrument :  
 BNA\_G  
 ClientSampled :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 253526    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 28.3  | 22.5 33.7 |
| 89          | 50.1  | 37.8 56.6 |
| 182         | 3.1   | 3.0 4.4   |

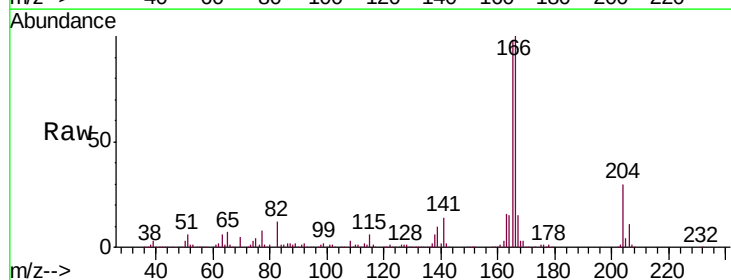


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 182.00 (181.70 to 182.70): E

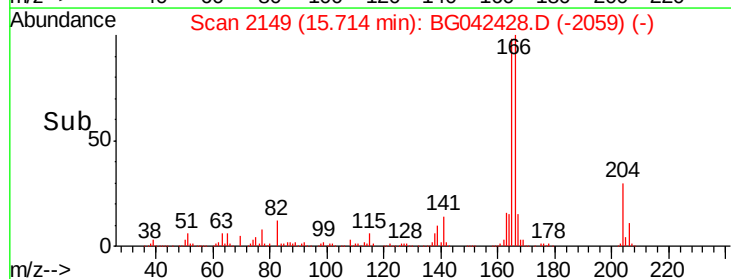
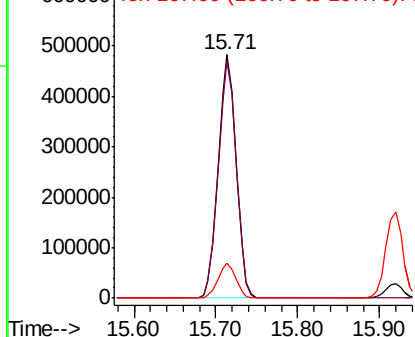


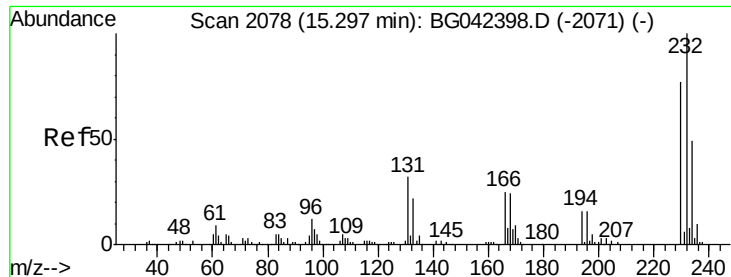
#58  
 Fluorene  
 Concen: 38.317 ng  
 RT: 15.71 min Scan# 2149  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 739448     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 97.7  | 79.7 119.5 |
| 167         | 14.5  | 10.9 16.3  |



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

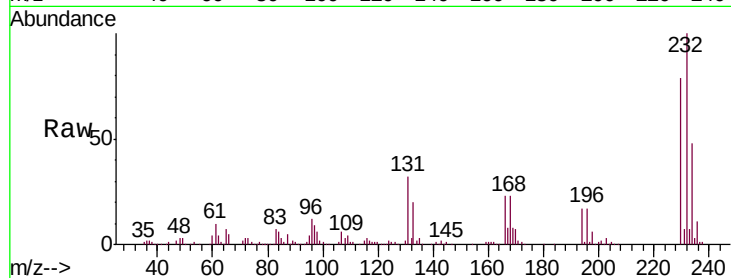




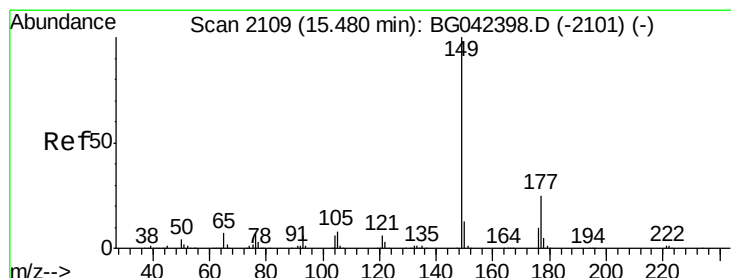
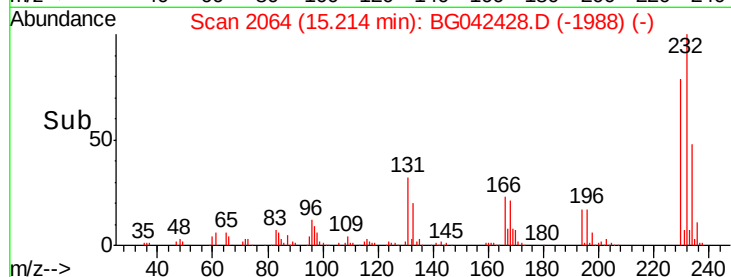
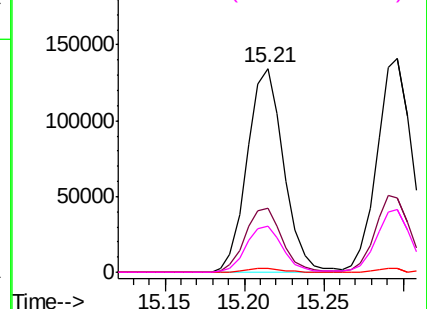
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 34.626 ng  
 RT: 15.21 min Scan# 2064  
 Delta R.T. -0.08 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 215746 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 31.6  | 22.9  | 34.3   |
| 130      | 1.7   | 1.4   | 2.0    |
| 166      | 22.7  | 17.0  | 25.4   |

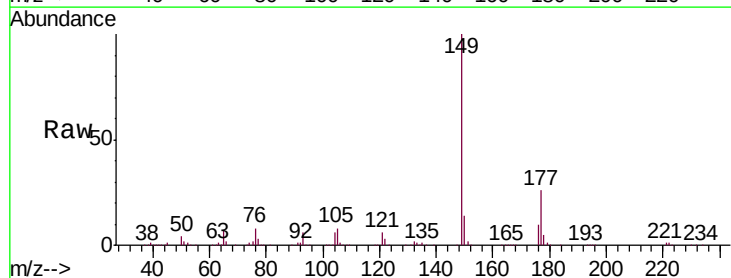


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

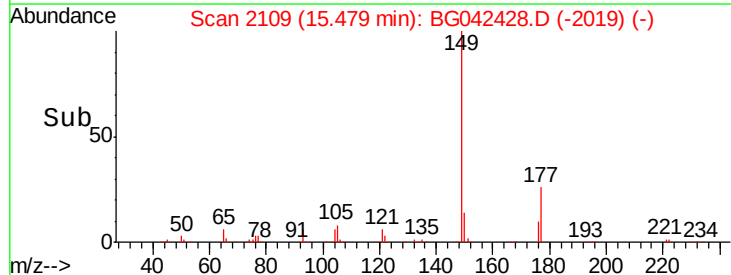
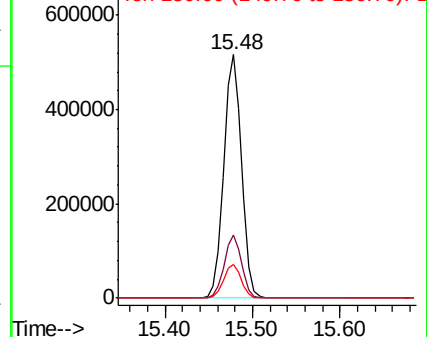


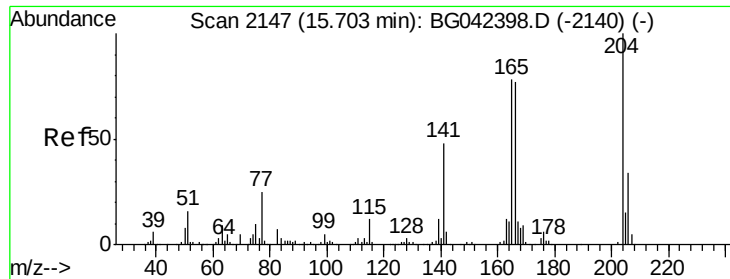
#60  
 Diethylphthalate  
 Concen: 36.664 ng  
 RT: 15.48 min Scan# 2109  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 724354 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 26.0  | 20.4  | 30.6   |
| 150      | 13.6  | 10.3  | 15.5   |



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

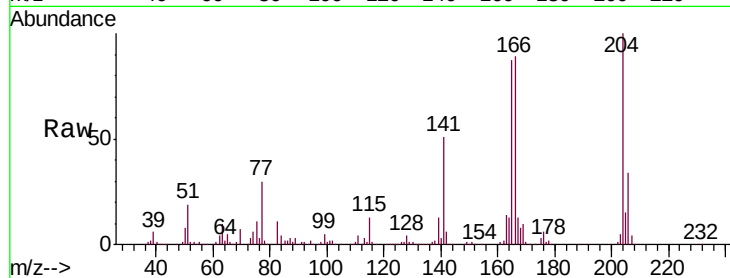




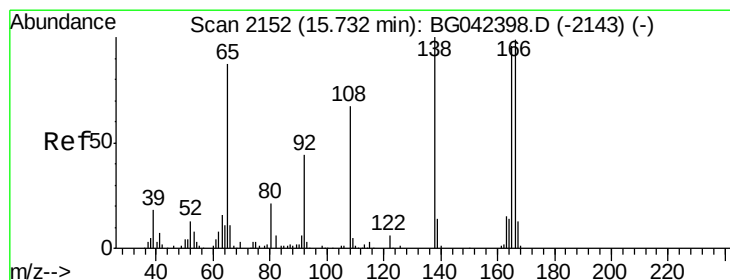
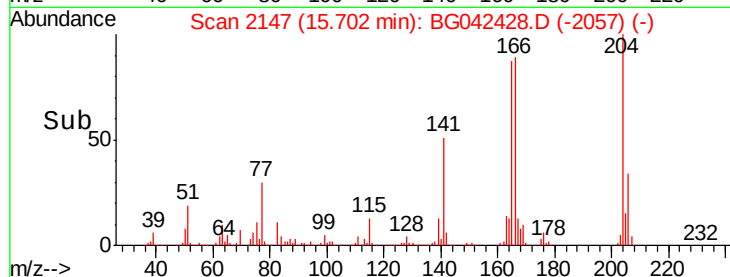
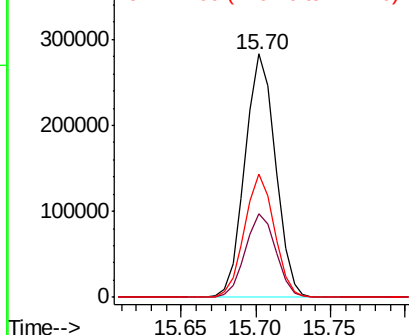
#61  
4-Chlorophenyl-phenylether  
Concen: 34.452 ng  
RT: 15.70 min Scan# 2147  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.4  | 27.2  | 40.8  |
| 141     | 50.7  | 38.7  | 58.1  |

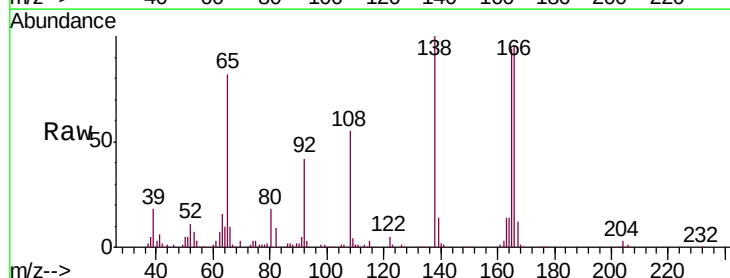


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

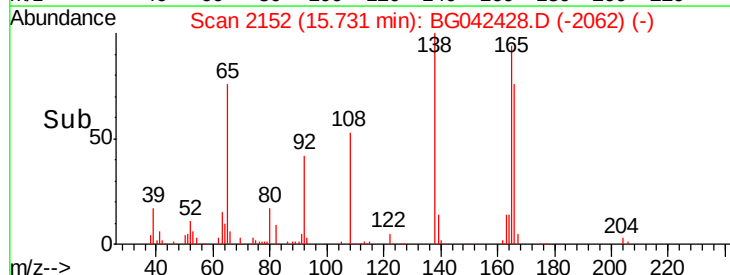
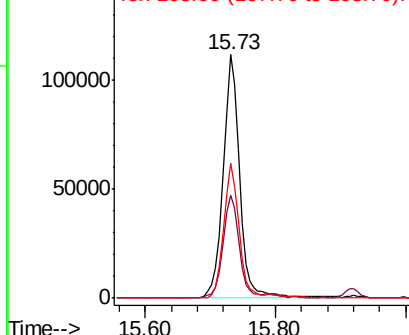


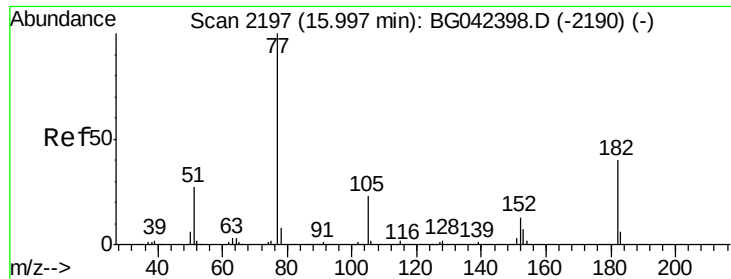
#62  
4-Nitroaniline  
Concen: 39.445 ng  
RT: 15.73 min Scan# 2152  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 42.2  | 24.2  | 64.2  |
| 108     | 55.2  | 46.8  | 86.8  |



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

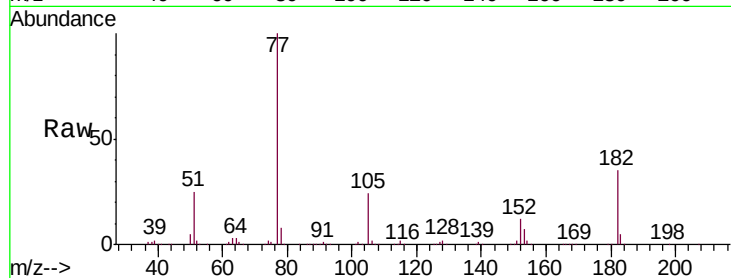




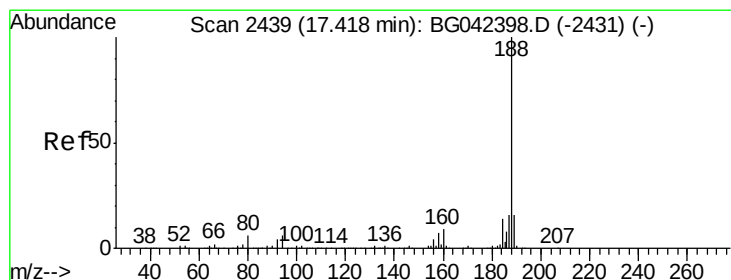
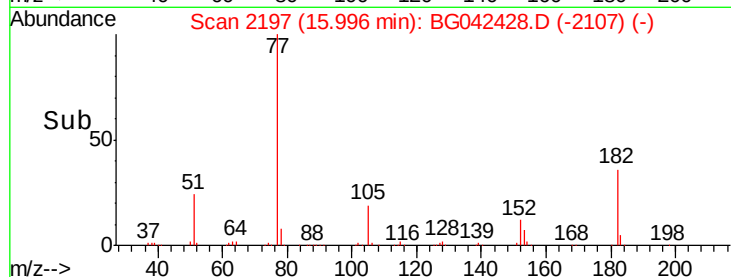
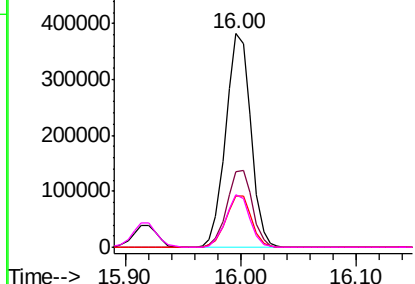
#63  
Azobenzene  
Concen: 42.300 ng  
RT: 16.00 min Scan# 2197  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion: | 77    | Resp: | 572636 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 35.5  | 19.9  | 59.9   |
| 105      | 24.2  | 2.9   | 42.9   |
| 51       | 24.7  | 7.6   | 47.6   |

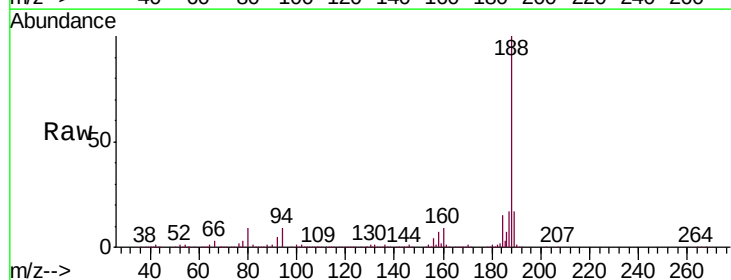


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BGC

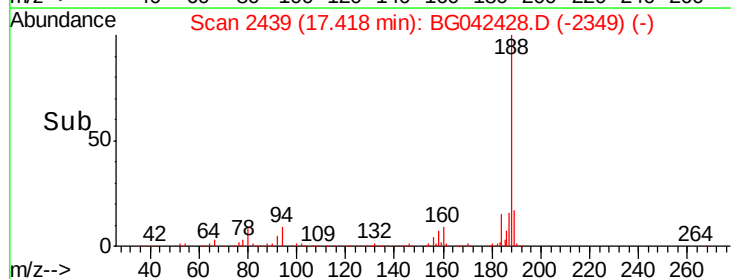
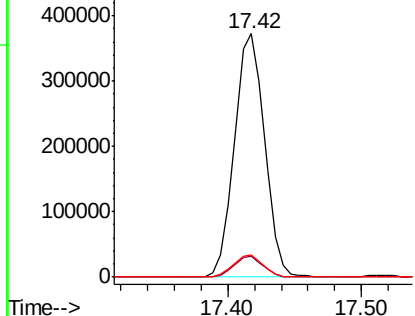


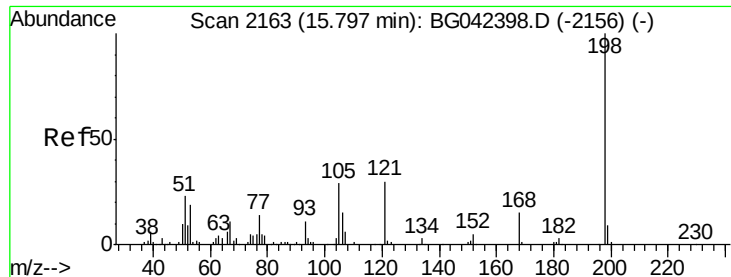
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2439  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

| Tgt Ion: | 188   | Resp: | 585203 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.7   | 4.5   | 6.7#   |
| 80       | 9.2   | 4.9   | 7.3#   |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

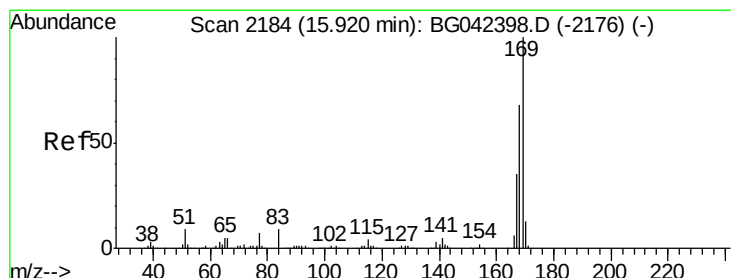
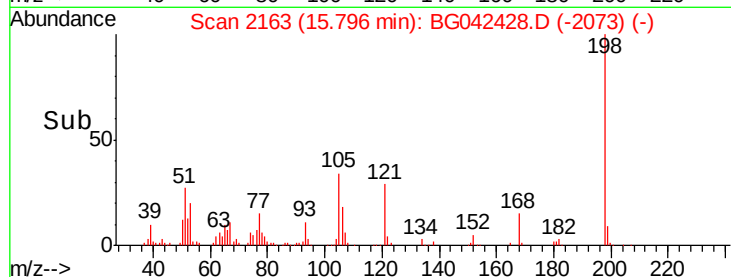
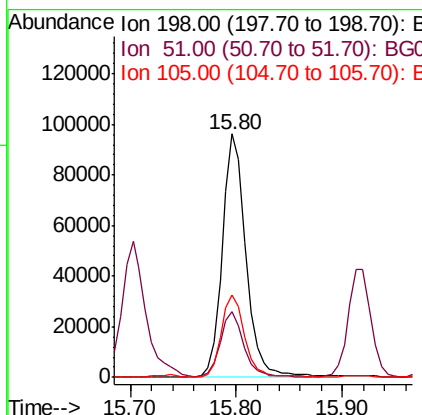
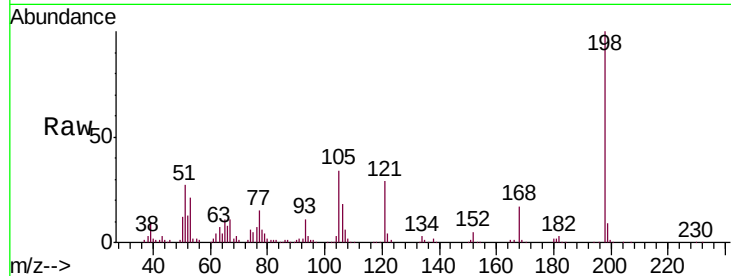




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.746 ng  
RT: 15.80 min Scan# 2163  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

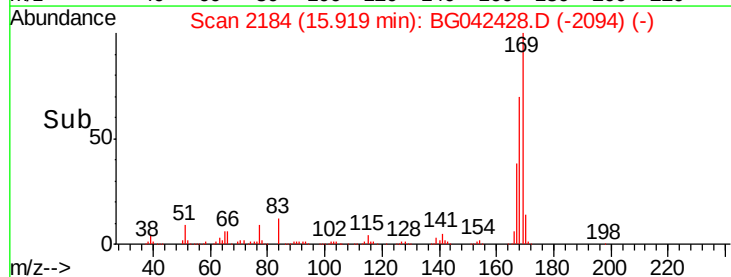
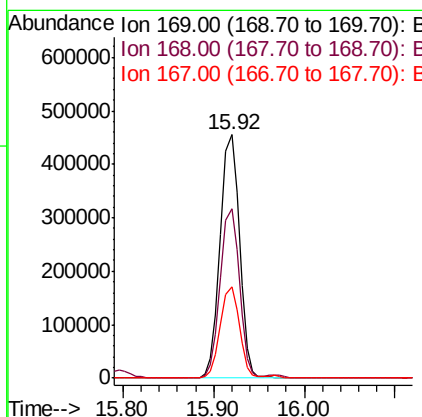
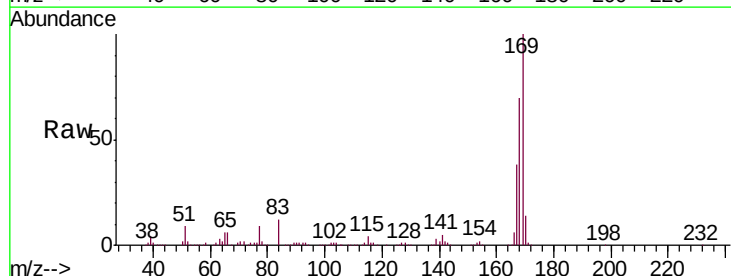
Instrument :  
BNA\_G  
ClientSampleId :

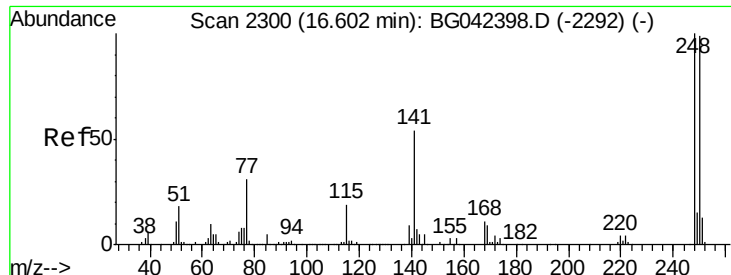
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 26.7  | 4.2   | 44.2  |
| 105     | 33.7  | 8.8   | 48.8  |



#66  
n-Nitrosodiphenylamine  
Concen: 42.102 ng  
RT: 15.92 min Scan# 2184  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.7  | 54.3  | 81.5  |
| 167     | 37.7  | 28.2  | 42.2  |

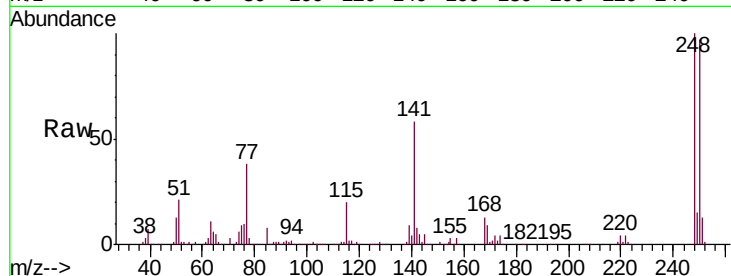




#67  
 4-Bromophenyl-phenylether  
 Concen: 35.723 ng  
 RT: 16.60 min Scan# 2300  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.0  | 78.9  | 118.3 |
| 141     | 58.0  | 43.3  | 64.9  |

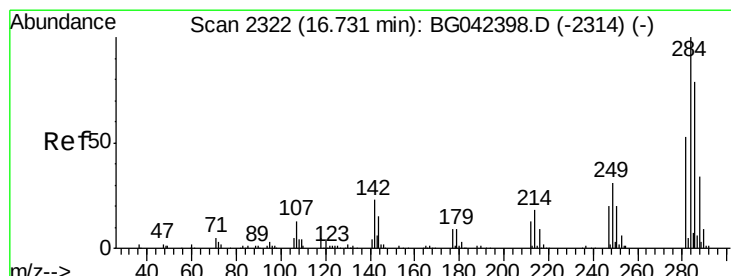
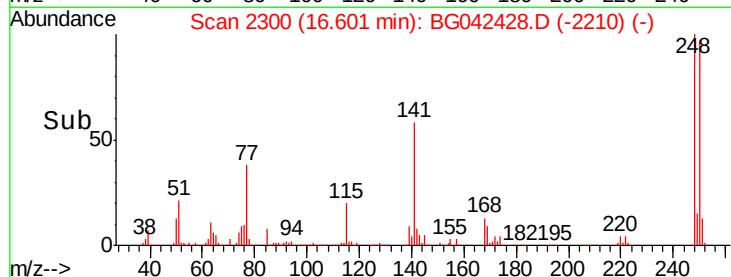
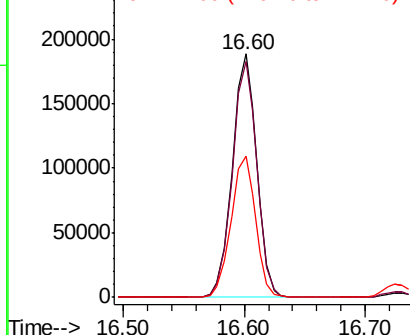


Abundance

Ion 248.00 (247.70 to 248.70): E

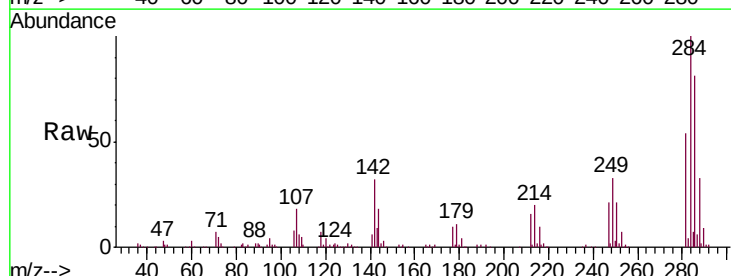
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 33.525 ng  
 RT: 16.72 min Scan# 2321  
 Delta R.T. -0.01 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.8  | 18.2  | 27.4# |
| 249     | 32.6  | 25.0  | 37.4  |

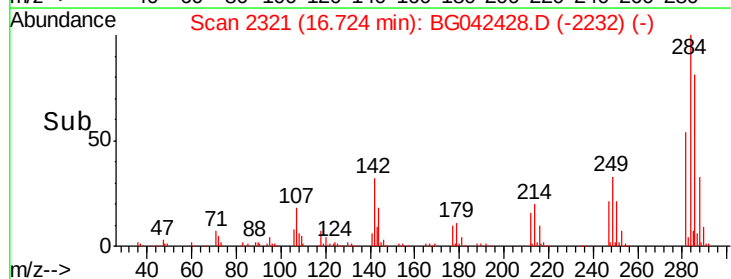
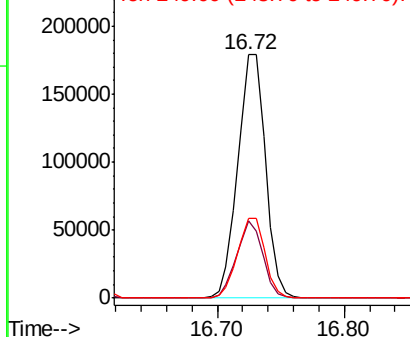


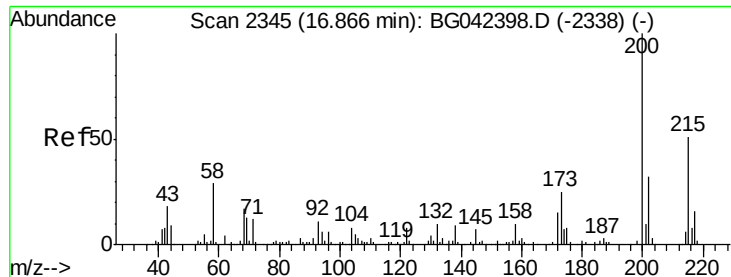
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.603 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampled :

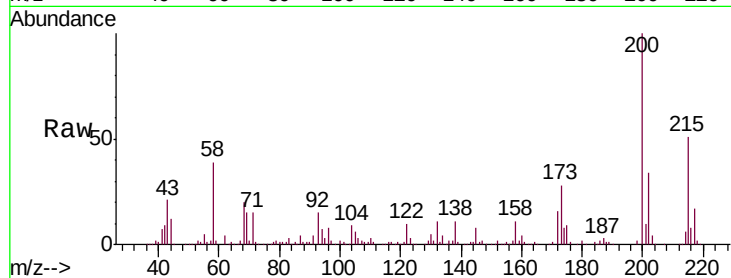
Tot Ion:200 Resp: 236771

Ion Ratio Lower Upper

200 100

173 27.7 4.9 44.9

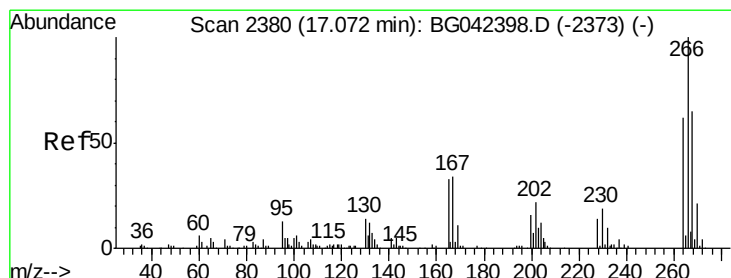
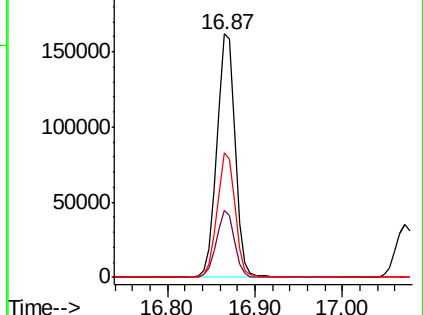
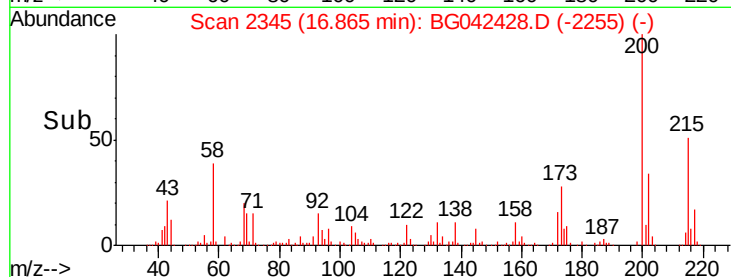
215 51.2 30.7 70.7



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: 76.750 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

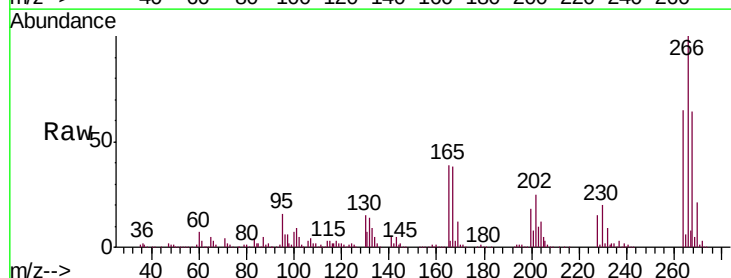
Tgt Ion:266 Resp: 321787

Ion Ratio Lower Upper

266 100

268 64.2 52.1 78.1

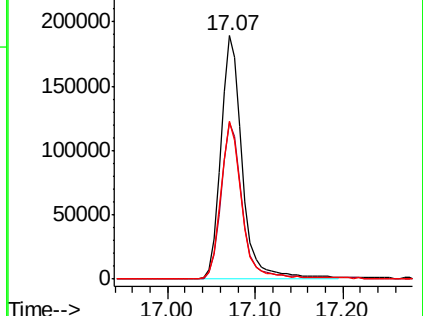
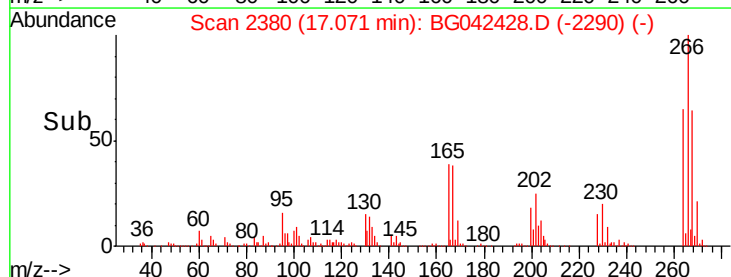
264 64.7 49.4 74.2

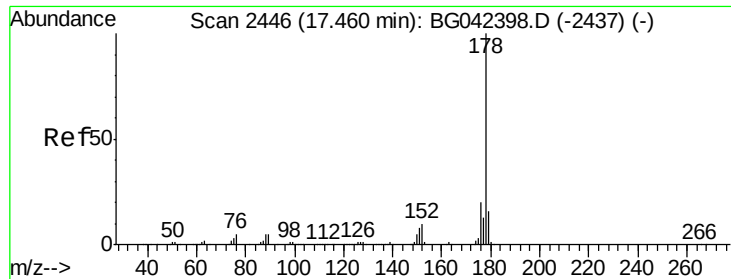


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

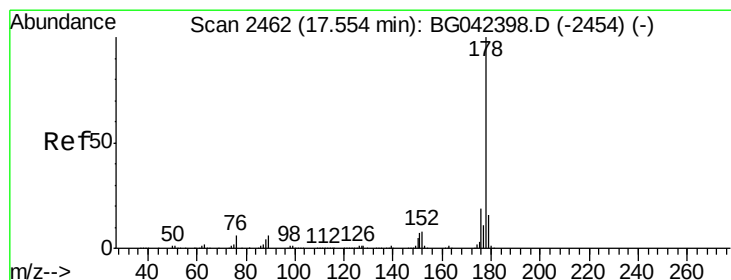
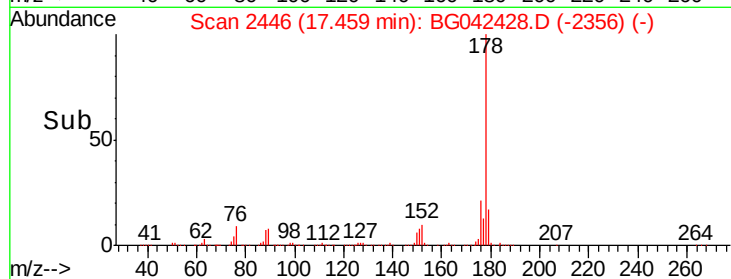
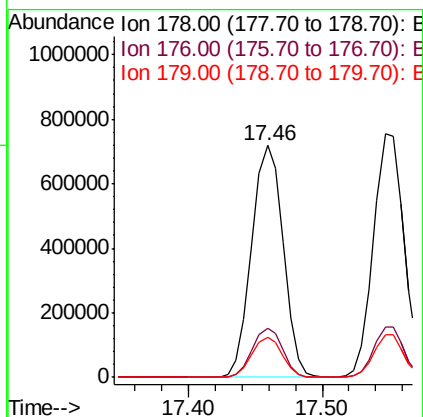
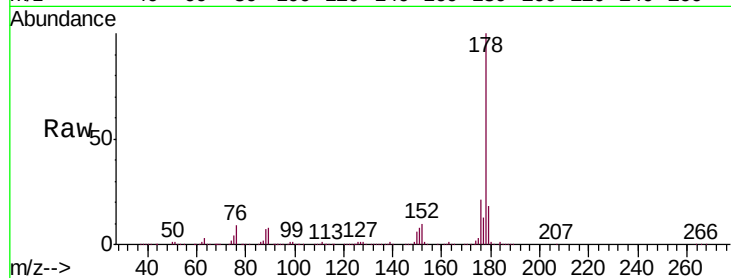




#71  
Phenanthrene  
Concen: 40.337 ng  
RT: 17.46 min Scan# 2446  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

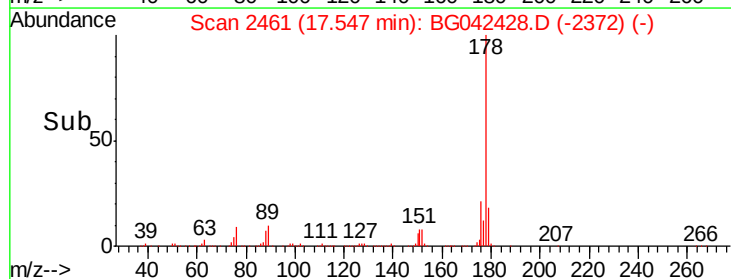
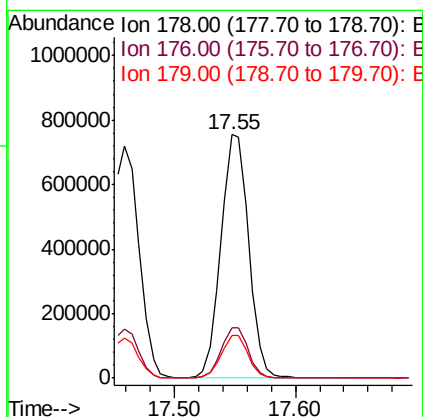
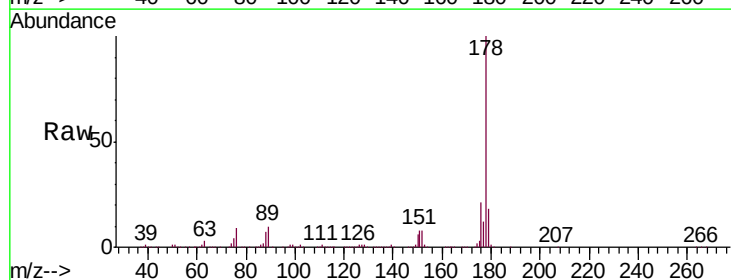
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:178 Resp: 1172505  
Ion Ratio Lower Upper  
178 100  
176 20.9 15.9 23.9  
179 17.5 12.7 19.1

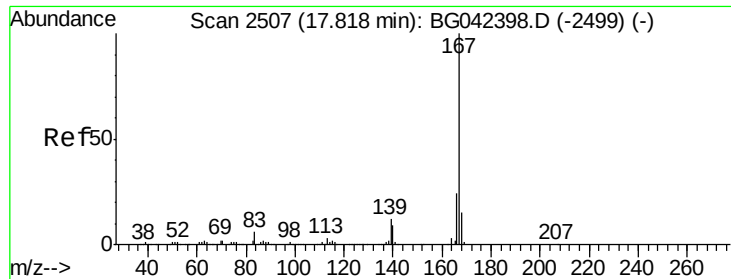


#72  
Anthracene  
Concen: 41.226 ng  
RT: 17.55 min Scan# 2461  
Delta R.T. -0.01 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

Tgt Ion:178 Resp: 1196314  
Ion Ratio Lower Upper  
178 100  
176 20.9 15.5 23.3  
179 17.7 12.9 19.3



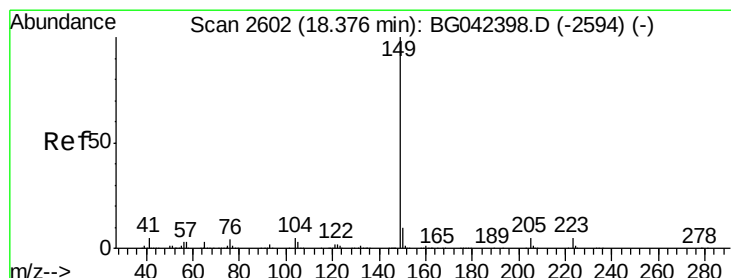
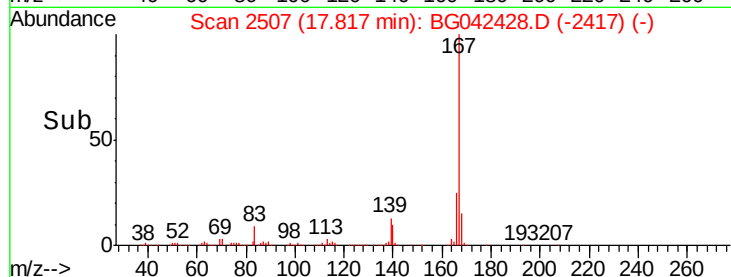
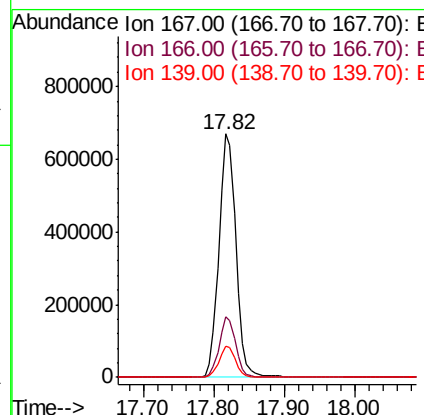
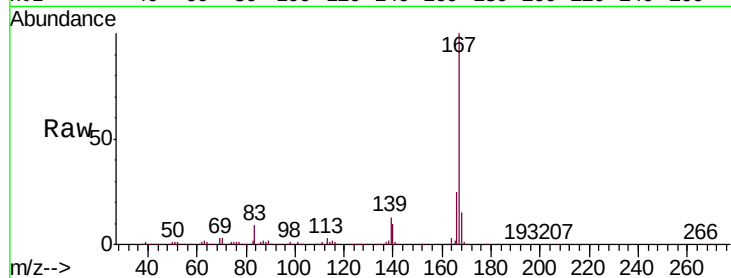




#73  
 Carbazole  
 Concen: 43.523 ng  
 RT: 17.82 min Scan# 2507  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

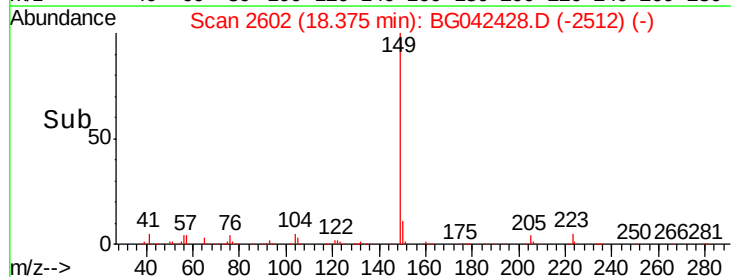
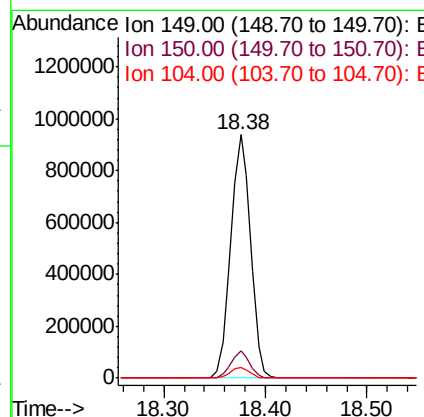
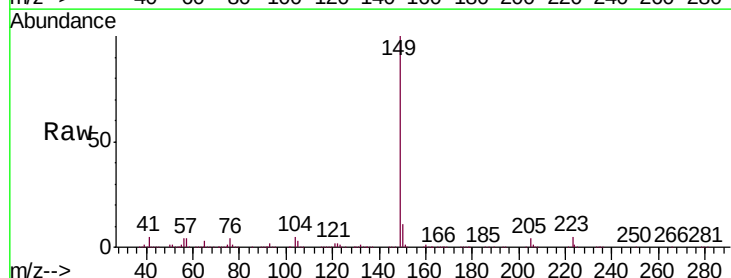
Instrument :  
 BNA\_G  
 ClientSampleId :

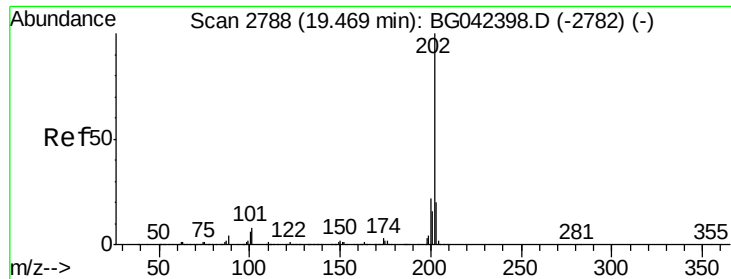
Tot Ion:167 Resp: 1125611  
 Ion Ratio Lower Upper  
 167 100  
 166 24.7 18.9 28.3  
 139 12.8 9.8 14.6



#74  
 Di-n-butylphthalate  
 Concen: 41.763 ng  
 RT: 18.38 min Scan# 2602  
 Delta R.T. -0.00 min  
 Lab File: BG042428.D  
 Acq: 23 Aug 2019 11:04

Tgt Ion:149 Resp: 1276775  
 Ion Ratio Lower Upper  
 149 100  
 150 11.0 8.1 12.1  
 104 4.6 3.7 5.5





#75

Fluoranthene

Concen: 39.122 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampled :

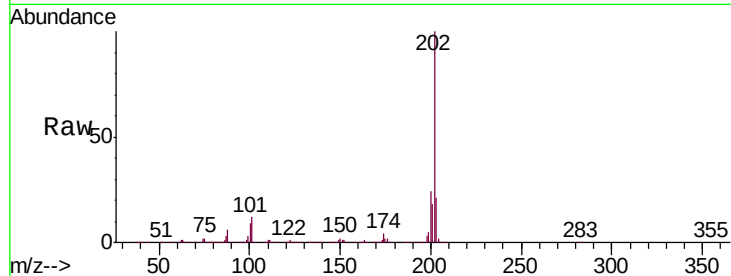
Tot Ion:202 Resp: 1387883

Ion Ratio Lower Upper

202 100

101 12.3 0.0 28.3

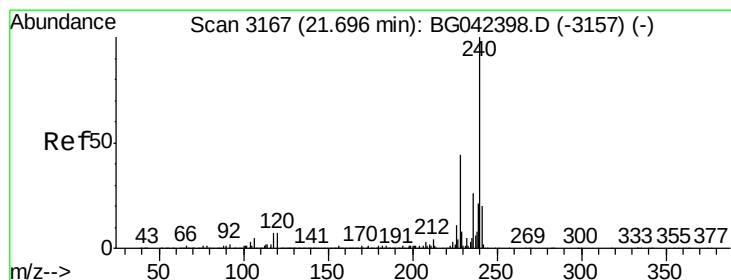
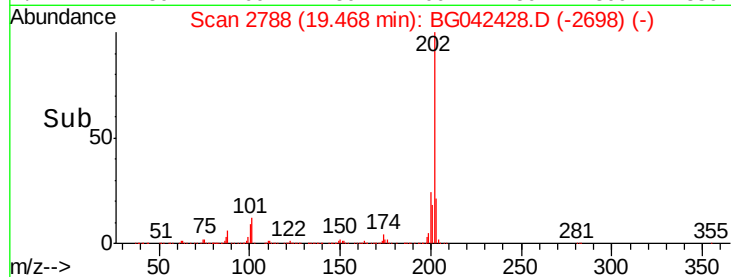
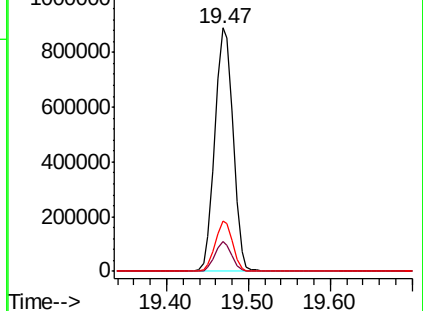
203 20.6 0.0 39.6



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: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

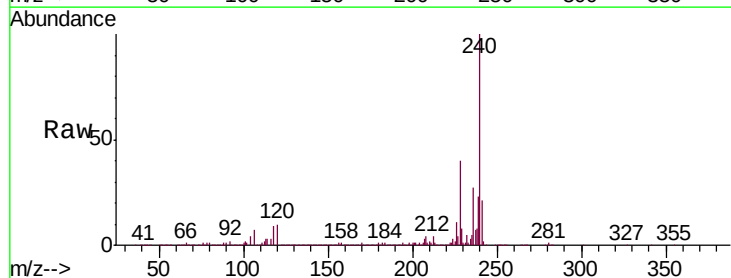
Tgt Ion:240 Resp: 544587

Ion Ratio Lower Upper

240 100

120 10.2 5.7 8.5#

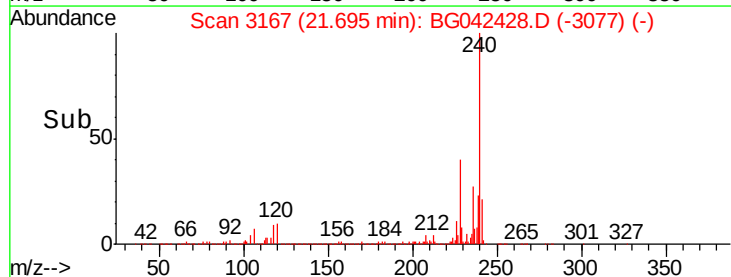
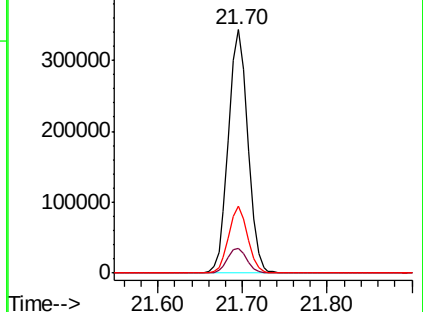
236 27.5 21.0 31.4

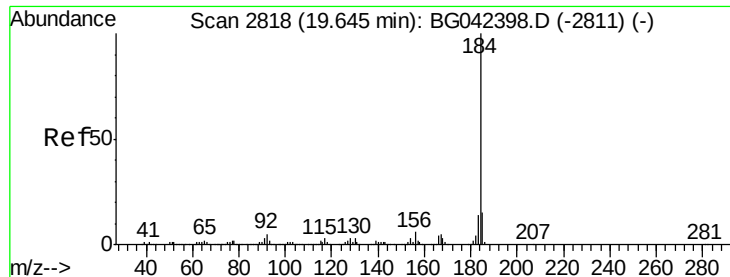


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.004 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

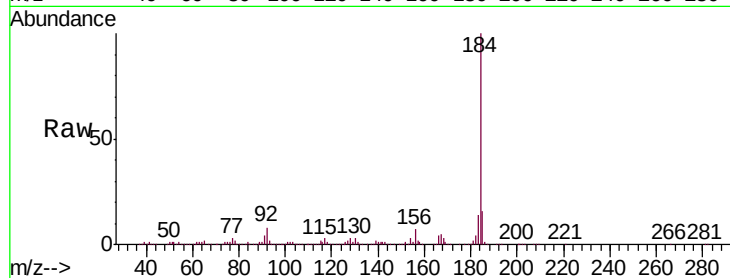
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:184 Resp: 921265

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.5  | 12.2  | 18.4  |
| 183 | 14.0  | 10.8  | 16.2  |

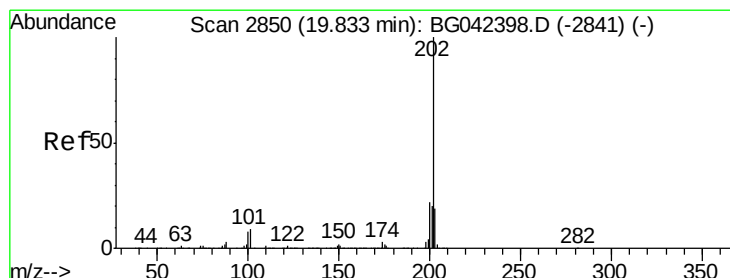
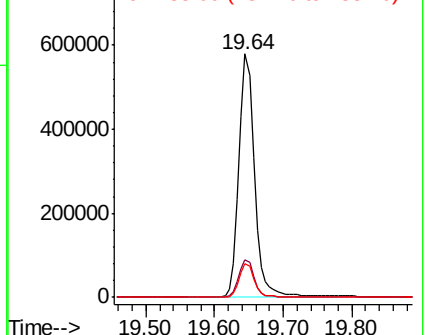
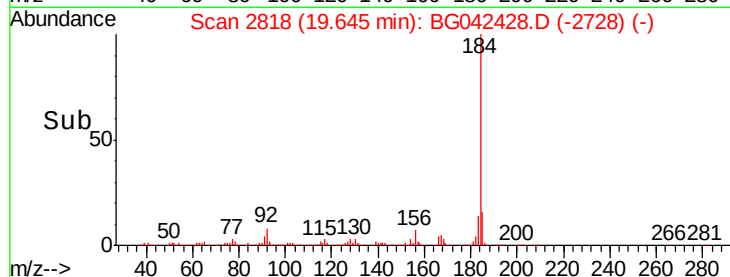


Abundance

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: 41.686 ng

RT: 19.83 min Scan# 2850

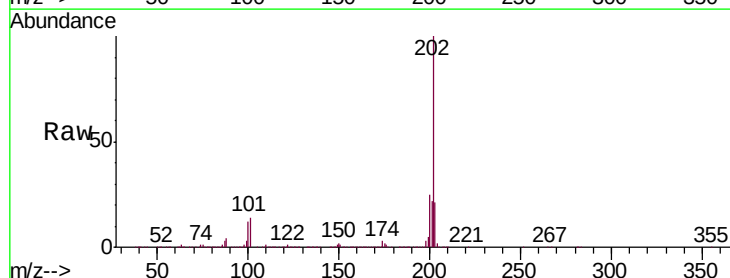
Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion:202 Resp: 1391828

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 24.5  | 17.8  | 26.6  |
| 203 | 21.2  | 15.5  | 23.3  |

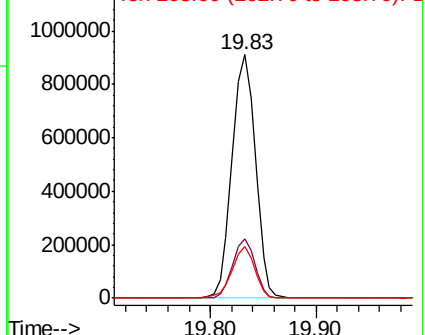
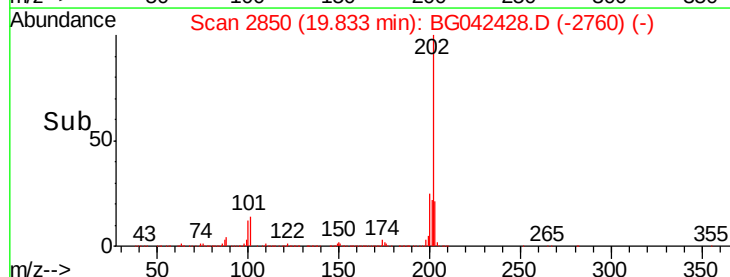


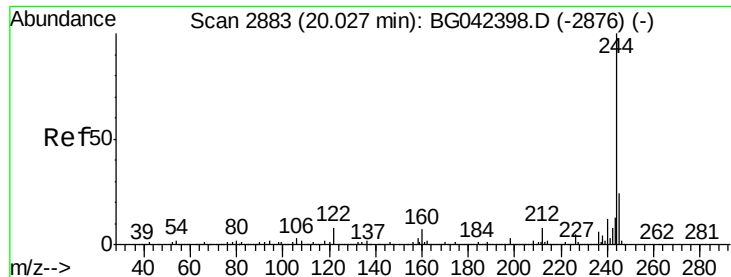
Abundance

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: 62.400 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

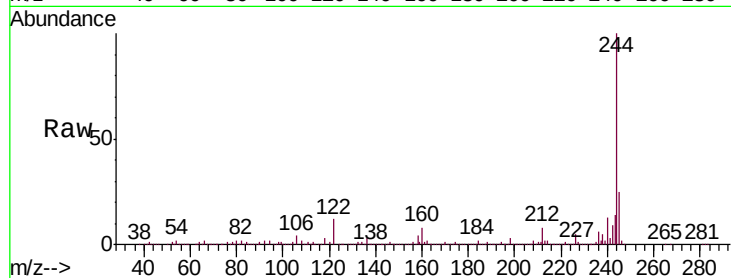
Instrument :

BNA\_G

ClientSampled :

Tot Ion:244 Resp: 1571843

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.4   | 6.0   | 9.0   |
| 122 | 12.4  | 6.7   | 10.1  |

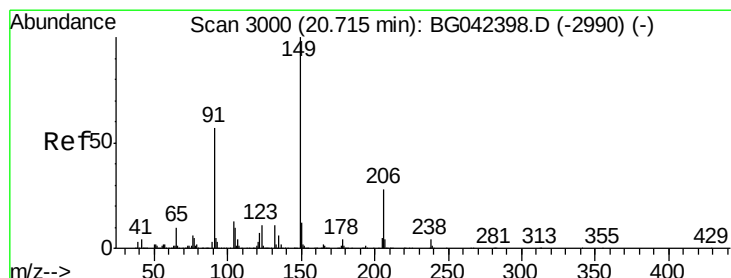
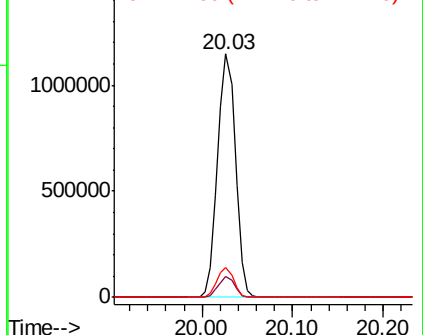
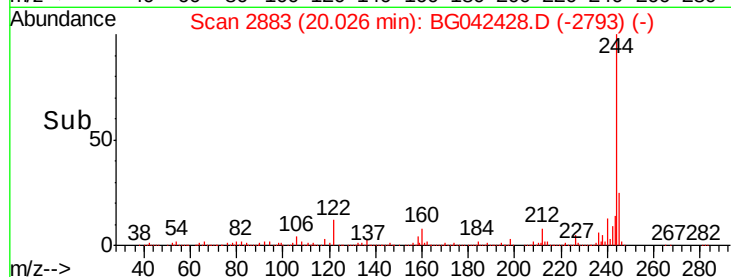


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.017 ng

RT: 20.71 min Scan# 3000

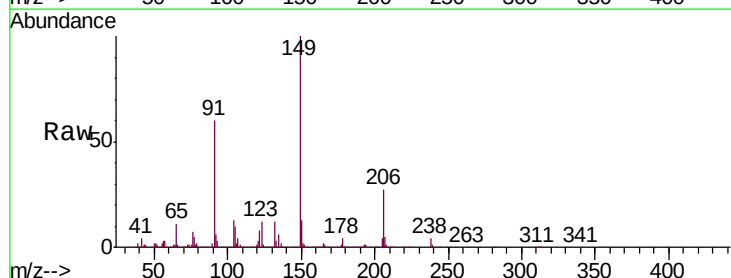
Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion:149 Resp: 578046

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 60.3  | 45.9  | 68.9  |
| 206 | 26.7  | 22.5  | 33.7  |

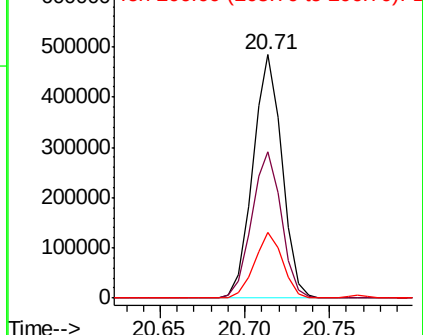
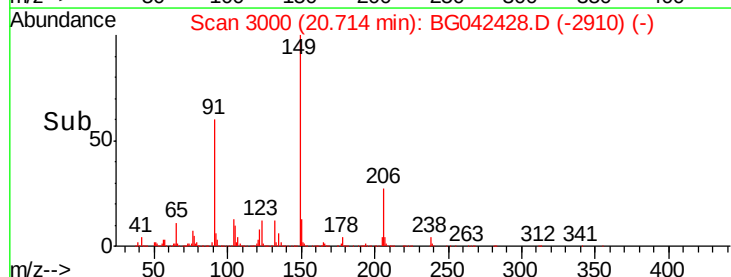


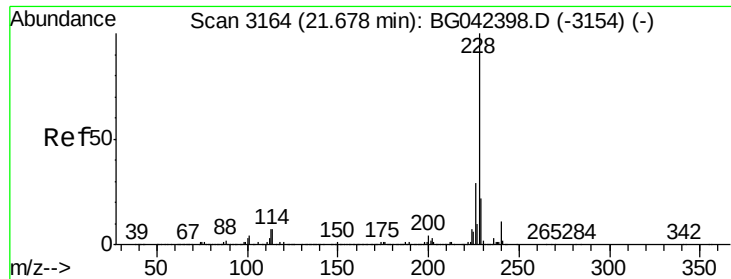
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.239 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampleId :

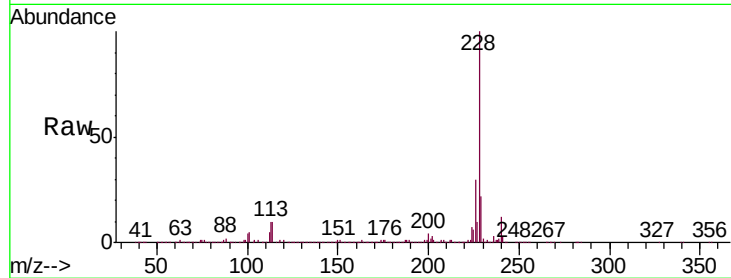
Tot Ion:228 Resp: 1299904

Ion Ratio Lower Upper

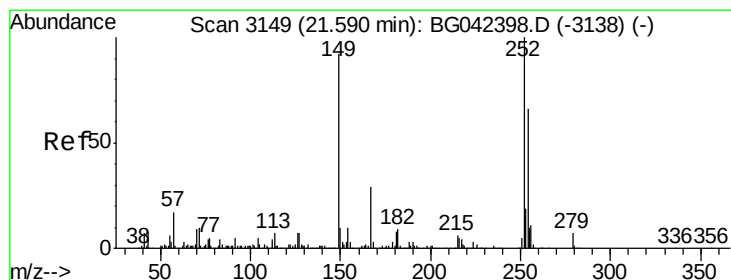
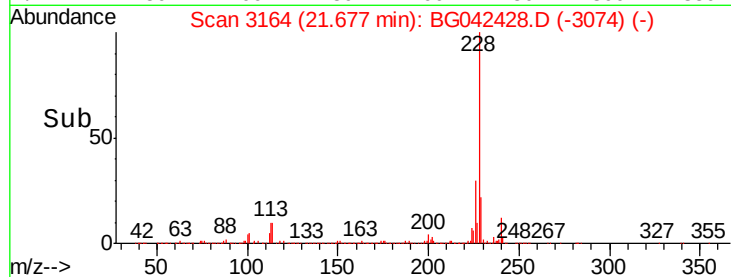
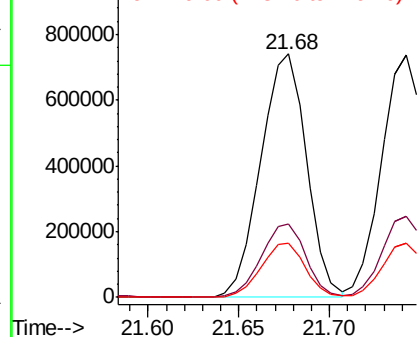
228 100

226 30.4 23.4 35.2

229 22.3 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E  
1000000  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.426 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

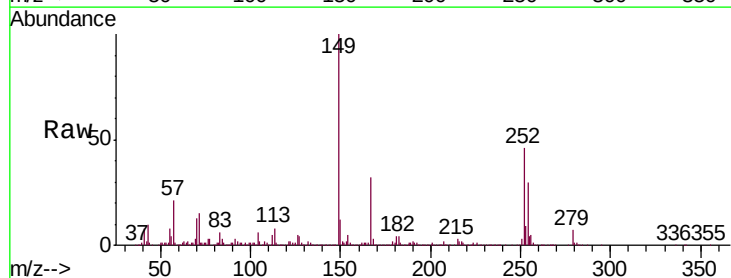
Tgt Ion:252 Resp: 365416

Ion Ratio Lower Upper

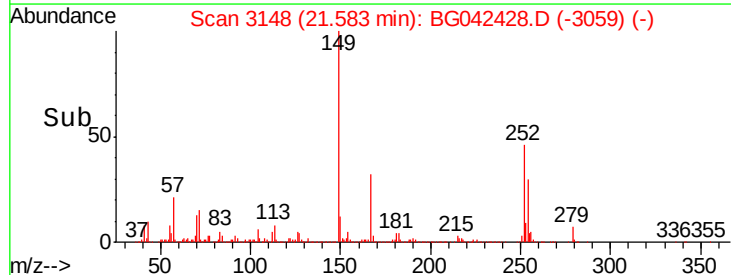
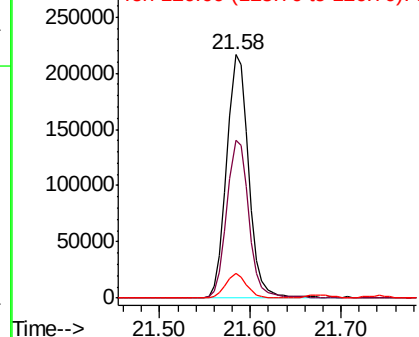
252 100

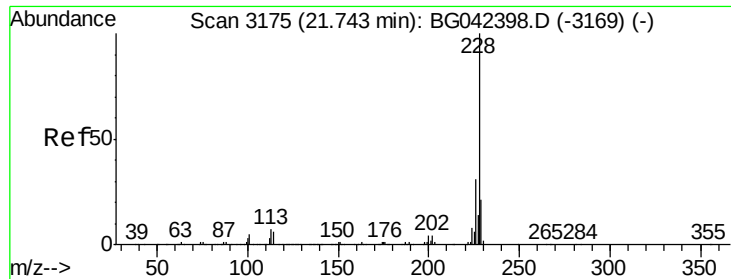
254 64.7 53.0 79.4

126 9.9 5.7 8.5#



Abundance Ion 252.00 (251.70 to 252.70): E  
300000  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.548 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampleId :

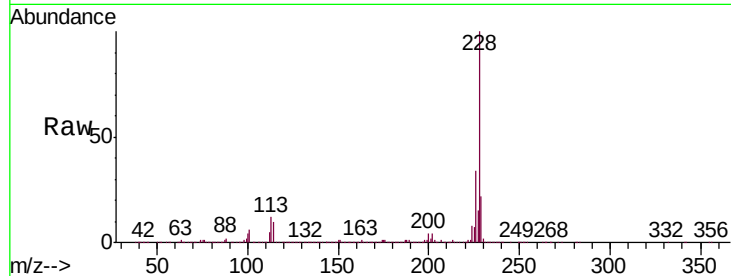
Tot Ion:228 Resp: 1263519

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 33.6  | 24.9  | 37.3  |
| 229 | 22.5  | 16.9  | 25.3  |

228 100

226 33.6 24.9 37.3

229 22.5 16.9 25.3

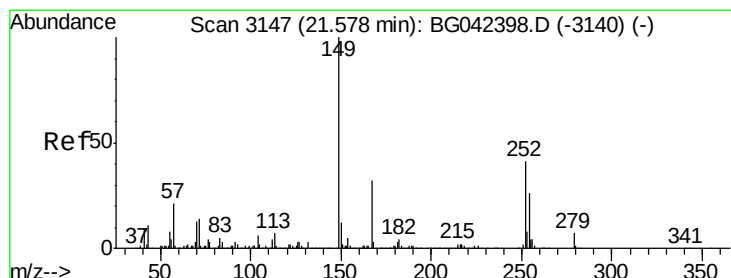
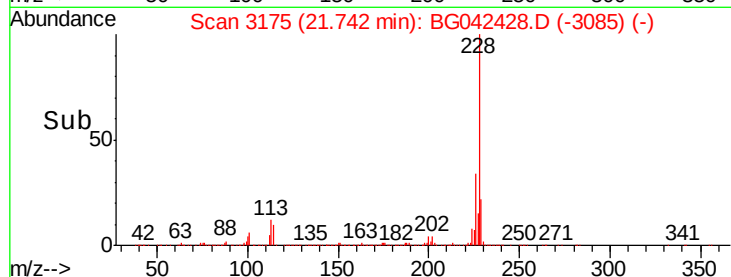
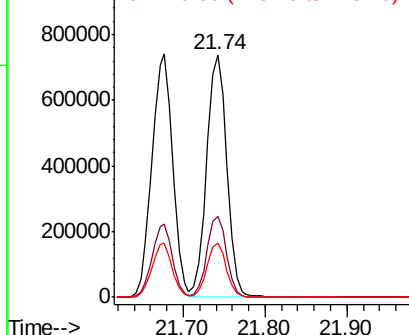


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.107 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

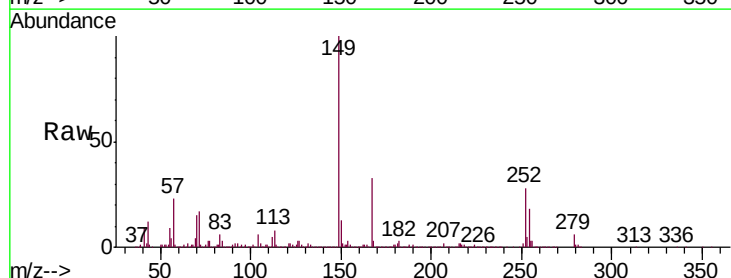
Tgt Ion:149 Resp: 804233

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 33.3  | 26.0  | 39.0  |
| 279 | 6.2   | 5.4   | 8.0   |

149 100

167 33.3 26.0 39.0

279 6.2 5.4 8.0

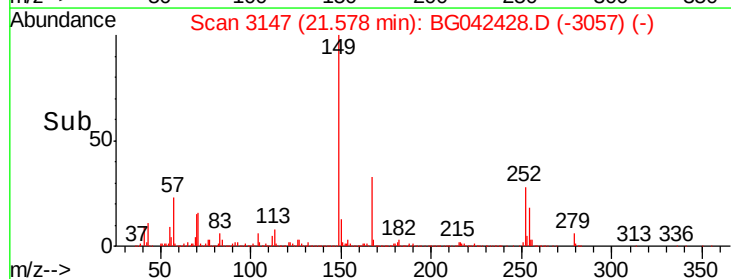
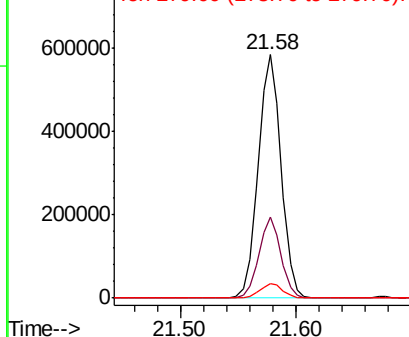


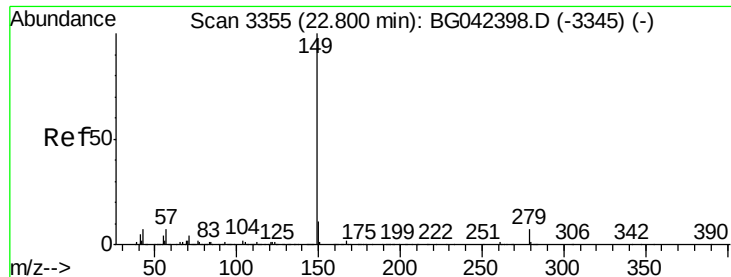
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.366 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

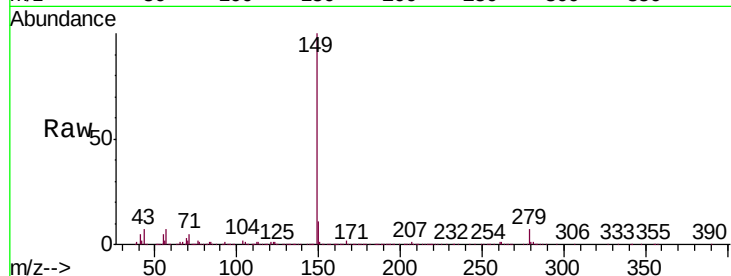
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:149 Resp: 1140450

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.8   | 1.6   | 2.4   |
| 43  | 6.7   | 5.3   | 7.9   |

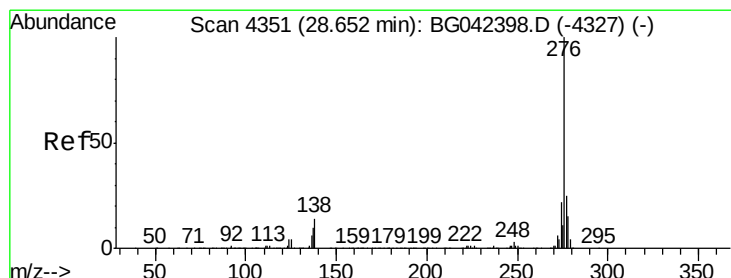
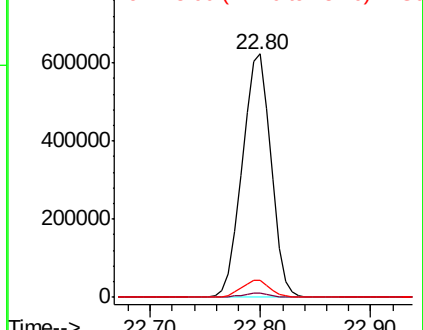
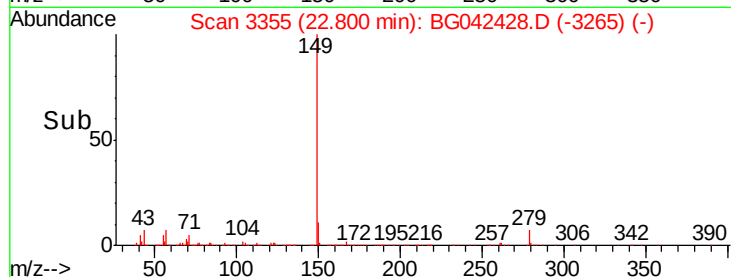


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.288 ng

RT: 28.65 min Scan# 4351

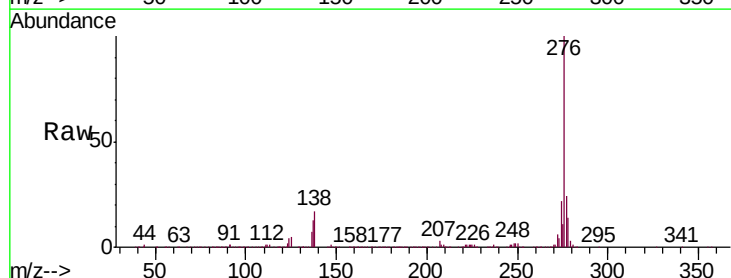
Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion:276 Resp: 1358474

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 20.5  | 9.2   | 13.8# |
| 277 | 26.4  | 21.0  | 31.6  |

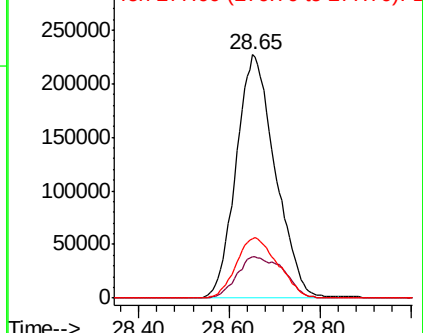
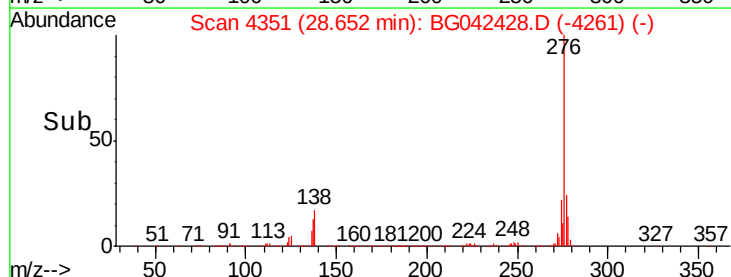


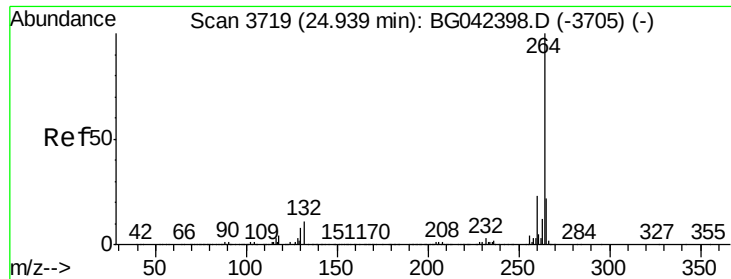
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3720

Delta R.T. 0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA\_G

ClientSampled :

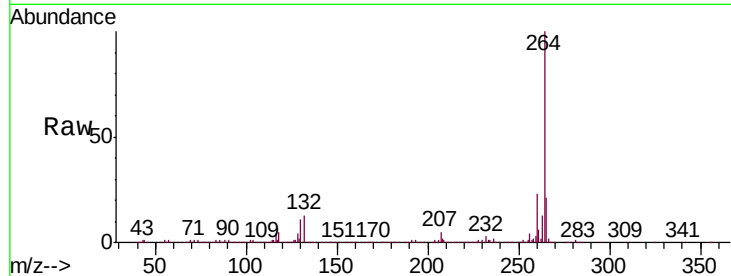
Tot Ion:264 Resp: 533718

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

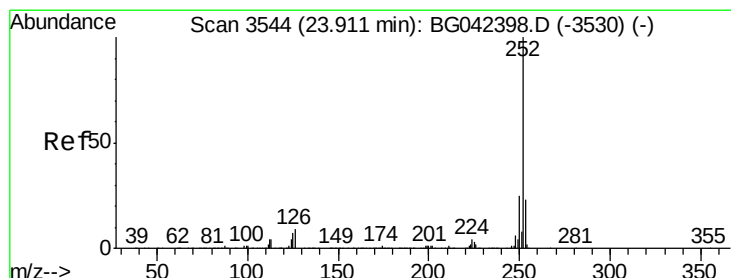
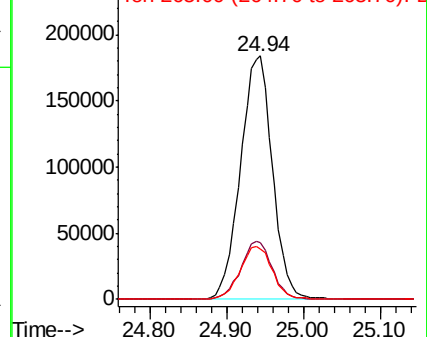
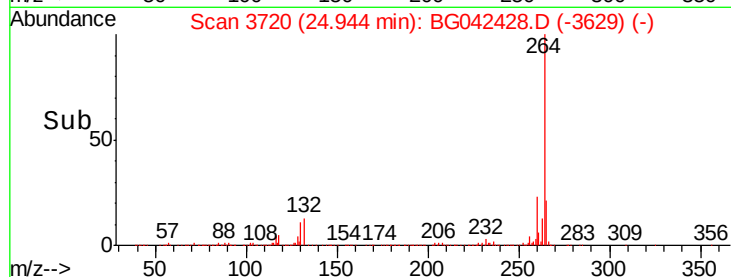
265 20.8 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.509 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

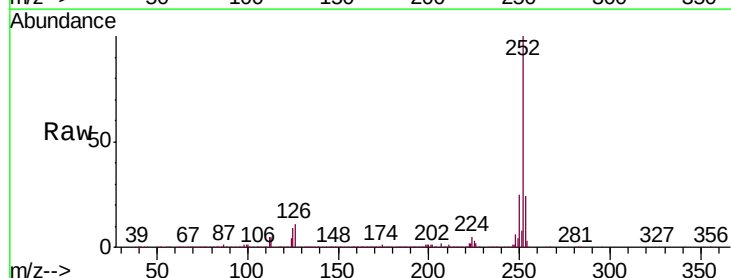
Tgt Ion:252 Resp: 1188606

Ion Ratio Lower Upper

252 100

253 23.7 18.6 27.8

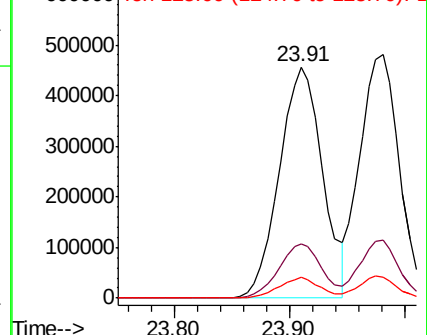
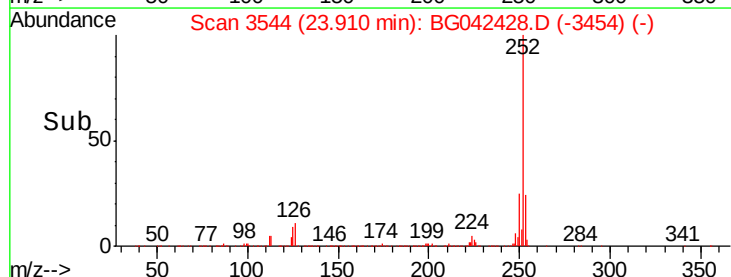
125 8.8 5.6 8.4#



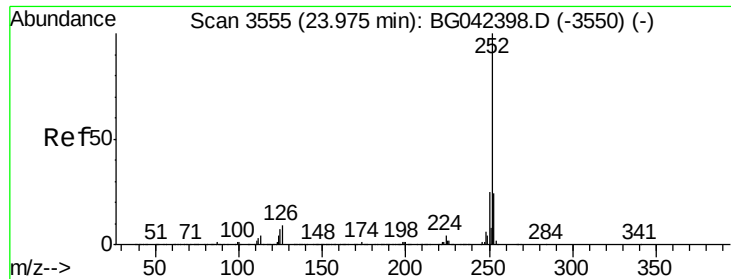
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



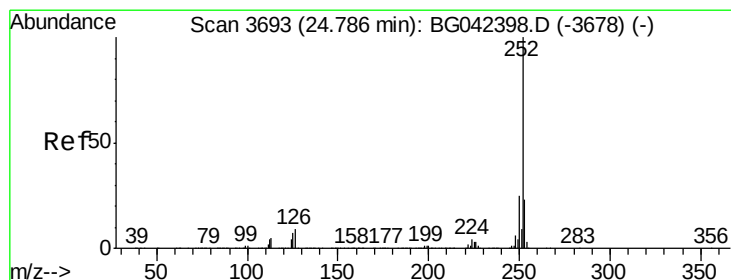
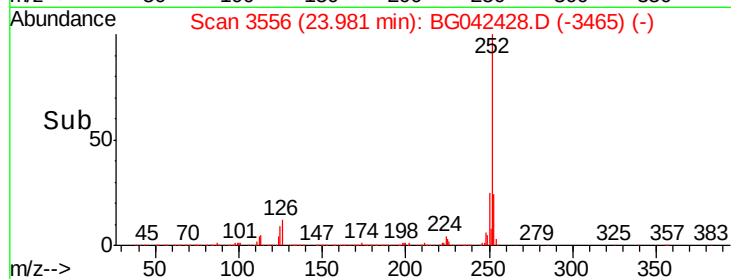
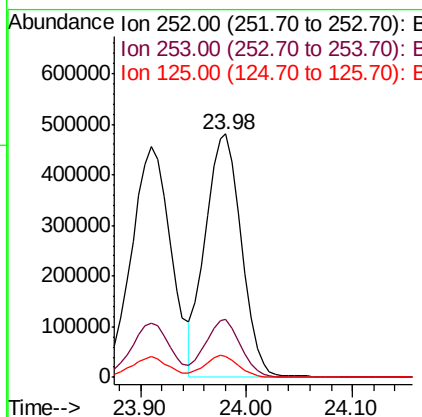
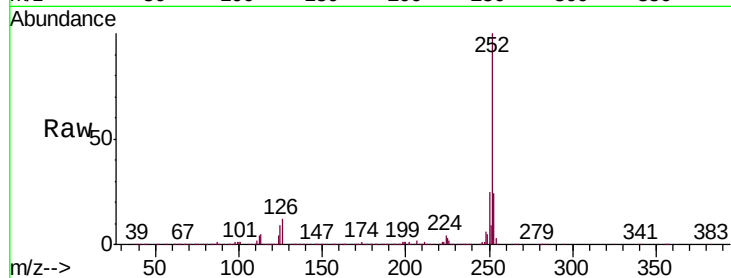




#89  
Benzo(k)fluoranthene  
Concen: 40.380 ng  
RT: 23.98 min Scan# 3556  
Delta R.T. 0.01 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

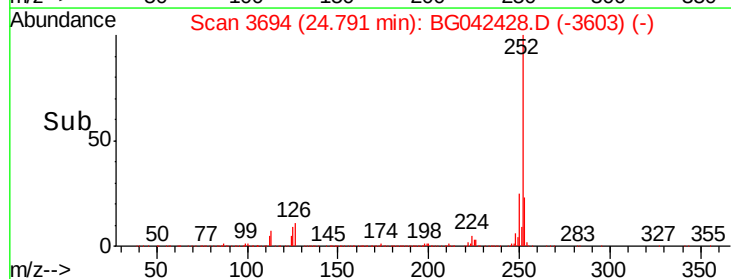
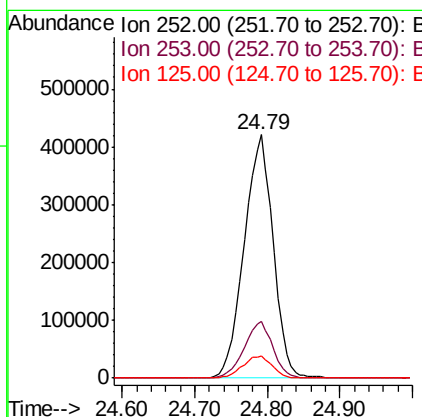
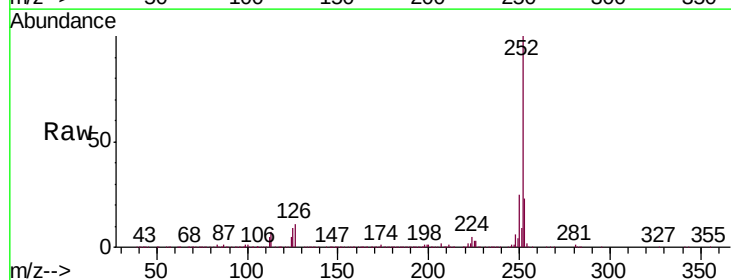
Instrument :  
BNA\_G  
ClientSampleId :

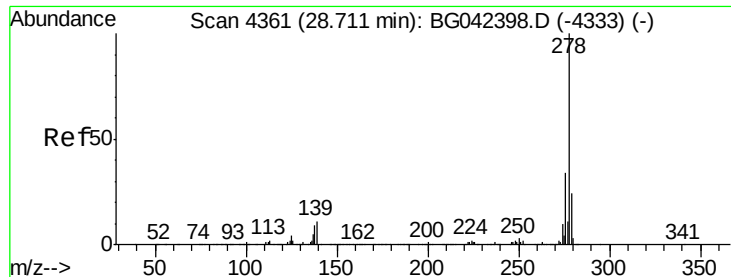
Tot Ion:252 Resp: 1138881  
Ion Ratio Lower Upper  
252 100  
253 23.8 18.6 27.8  
125 8.6 5.8 8.6



#90  
Benzo(a)pyrene  
Concen: 41.994 ng  
RT: 24.79 min Scan# 3694  
Delta R.T. 0.01 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

Tgt Ion:252 Resp: 1169248  
Ion Ratio Lower Upper  
252 100  
253 23.2 18.4 27.6  
125 9.3 6.0 9.0#



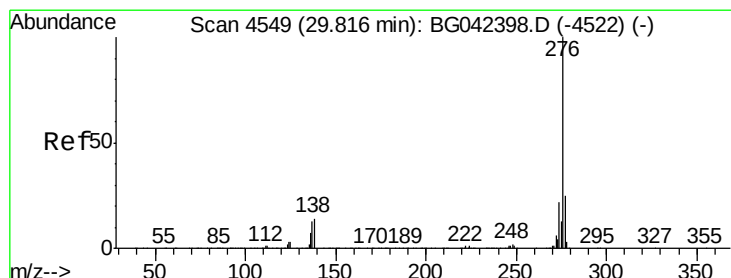
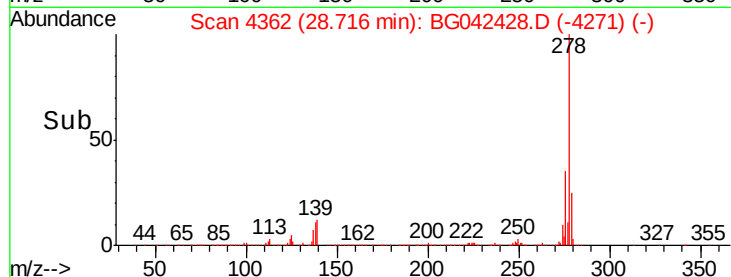
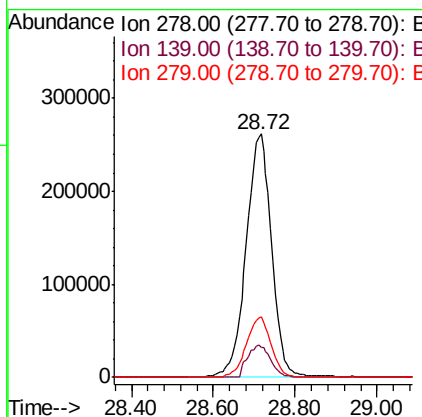
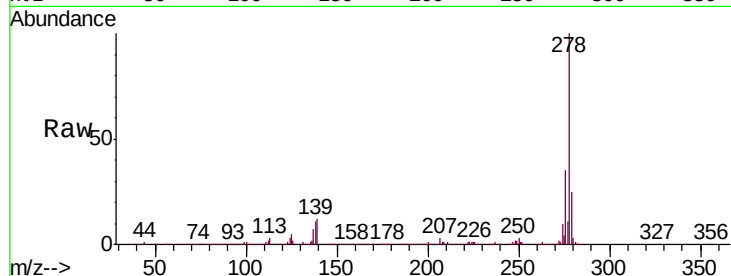


#91  
Dibenzo(a,h)anthracene  
Concen: 40.007 ng  
RT: 28.72 min Scan# 4362  
Delta R.T. 0.01 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:278 Resp: 1127844  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.1  | 8.8   | 13.2  |
| 279 | 24.9  | 19.1  | 28.7  |



#92  
Benzo(g,h,i)perylene  
Concen: 40.000 ng  
RT: 29.81 min Scan# 4549  
Delta R.T. -0.00 min  
Lab File: BG042428.D  
Acq: 23 Aug 2019 11:04

Tgt Ion:276 Resp: 1127805  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 19.8  | 29.8  |
| 138 | 16.1  | 11.4  | 17.0  |

