

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\  
 Data File : BG042431.D  
 Acq On : 23 Aug 2019 13:00  
 Operator : HP/JU  
 Sample : PB122423BSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 23 17:23:30 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 | 8.00  | 152  | 90085    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 369645   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 218342   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.41 | 188  | 460593   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.69 | 240  | 455485   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.94 | 264  | 536274   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 584658  | 131.44 | ng | 0.00 |
| 7) Phenol-d6             | 7.17  | 99  | 722429  | 120.24 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.17  | 82  | 350507  | 65.53  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 282802  | 91.13  | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.28 | 172 | 846491  | 65.57  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.03 | 244 | 1380925 | 65.54  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.42  | 88  | 75753  | 40.810 | ng | # 95   |
| 3) Pyridine                    | 3.82  | 79  | 183089 | 38.466 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.73  | 42  | 69616  | 40.950 | ng | 79     |
| 6) Aniline                     | 7.32  | 93  | 283785 | 35.413 | ng | 99     |
| 8) 2-Chlorophenol              | 7.56  | 128 | 252671 | 46.872 | ng | 96     |
| 9) Benzaldehyde                | 7.13  | 77  | 164511 | 54.691 | ng | 97     |
| 10) Phenol                     | 7.19  | 94  | 292961 | 47.957 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 222054 | 46.284 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 271420 | 39.579 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.03  | 146 | 275736 | 39.696 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 262642 | 39.483 | ng | 99     |
| 15) Benzyl Alcohol             | 8.24  | 79  | 177934 | 41.164 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 278773 | 42.871 | ng | 100    |
| 17) 2-Methylphenol             | 8.45  | 107 | 204950 | 45.550 | ng | 95     |
| 18) Hexachloroethane           | 9.09  | 117 | 91252  | 38.373 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 158756 | 40.785 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 275793 | 44.296 | ng | 98     |
| 22) Acetophenone               | 8.83  | 105 | 330783 | 41.839 | ng | # 98   |
| 24) Nitrobenzene               | 9.21  | 77  | 226563 | 41.827 | ng | 98     |
| 25) Isophorone                 | 9.74  | 82  | 425703 | 40.326 | ng | 97     |
| 26) 2-Nitrophenol              | 9.93  | 139 | 143435 | 42.255 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 224837 | 48.084 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 278014 | 41.784 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 250147 | 40.889 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 266520 | 35.493 | ng | 98     |
| 31) Naphthalene                | 10.87 | 128 | 706647 | 41.176 | ng | 99     |
| 32) Benzoic acid               | 10.14 | 122 | 120883 | 37.728 | ng | 99     |
| 33) 4-Chloroaniline            | 10.98 | 127 | 179144 | 22.613 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 159972 | 31.699 | ng | 98     |
| 35) Caprolactam                | 11.75 | 113 | 40290  | 19.737 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 211229 | 36.372 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 506302 | 36.742 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.71 | 142 | 453988 | 34.684 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 274760 | 39.186 | ng | # 98   |

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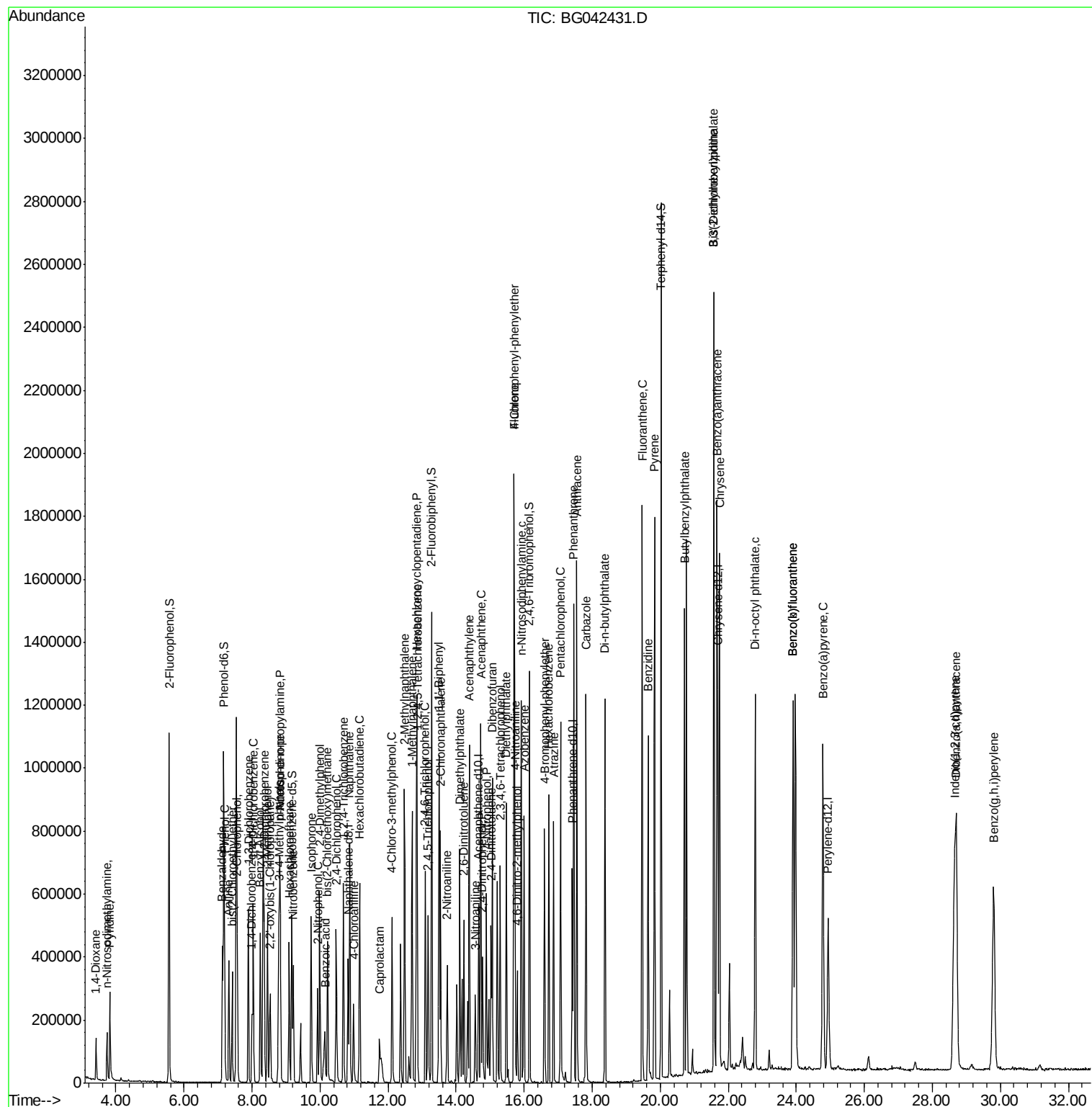
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.84 | 237  | 326226   | 88.572 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.10 | 196  | 193035   | 40.729 | ng    | 94       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 199300   | 40.579 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 589014   | 41.733 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.54 | 162  | 469443   | 38.574 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.74 | 65   | 114388   | 38.978 | ng    | 98       |
| 49) Acenaphthylene             | 14.39 | 152  | 801443   | 43.773 | ng    | 98       |
| 50) Dimethylphthalate          | 14.12 | 163  | 581949   | 36.939 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 154731   | 42.372 | ng    | 97       |
| 52) Acenaphthene               | 14.73 | 154  | 445488   | 40.071 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 100939   | 27.639 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 149060   | 62.076 | ng    | 96       |
| 55) Dibenzofuran               | 15.06 | 168  | 712462   | 38.715 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 228915   | 88.212 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 15.03 | 165  | 196845   | 37.644 | ng    | 97       |
| 58) Fluorene                   | 15.71 | 166  | 593142   | 39.429 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 177836   | 36.614 | ng    | # 88     |
| 60) Diethylphthalate           | 15.48 | 149  | 555034   | 36.040 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 328269   | 36.200 | ng    | 100      |
| 62) 4-Nitroaniline             | 15.73 | 138  | 157234   | 40.228 | ng    | 92       |
| 63) Azobenzene                 | 16.00 | 77   | 457567   | 43.360 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 125998   | 43.632 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.92 | 169  | 551226   | 43.518 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 216101   | 36.989 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.72 | 284  | 219954   | 34.633 | ng    | # 94     |
| 69) Atrazine                   | 16.87 | 200  | 184426   | 41.173 | ng    | 99       |
| 70) Pentachlorophenol          | 17.07 | 266  | 266295   | 80.698 | ng    | 99       |
| 71) Phenanthrene               | 17.46 | 178  | 970360   | 42.414 | ng    | 98       |
| 72) Anthracene                 | 17.55 | 178  | 1058921  | 46.364 | ng    | 98       |
| 73) Carbazole                  | 17.82 | 167  | 911583   | 44.783 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 981282   | 40.781 | ng    | 99       |
| 75) Fluoranthene               | 19.47 | 202  | 1153706  | 41.320 | ng    | 98       |
| 77) Benzidine                  | 19.64 | 184  | 729181   | 55.838 | ng    | 99       |
| 78) Pyrene                     | 19.83 | 202  | 1158109  | 41.471 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 494694   | 45.039 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.67 | 228  | 1133135  | 40.896 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 331888   | 29.783 | ng    | # 97     |
| 83) Chrysene                   | 21.74 | 228  | 1114252  | 41.698 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 697088   | 45.710 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 1174911  | 44.794 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.66 | 276  | 1441087  | 39.684 | ng    | # 92     |
| 88) Benzo(b)fluoranthene       | 23.91 | 252  | 1226175  | 41.590 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.91 | 252  | 1226175  | 43.268 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.79 | 252  | 1214826  | 43.423 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene     | 28.71 | 278  | 1191008  | 42.046 | ng    | # 97     |
| 92) Benzo(g,h,i)perylene       | 29.80 | 276  | 1187590  | 41.919 | ng    | # 95     |

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

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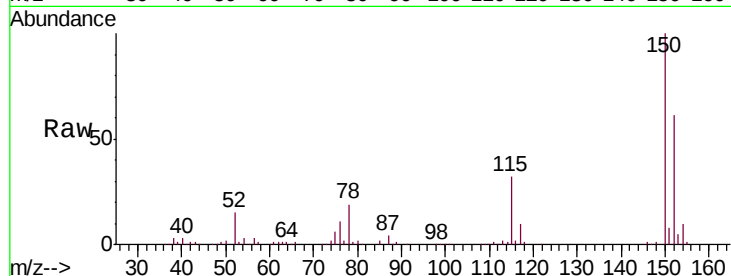


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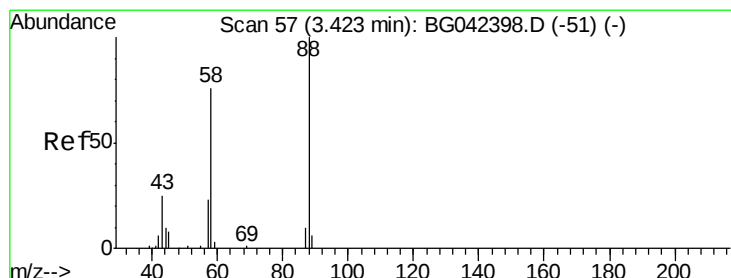
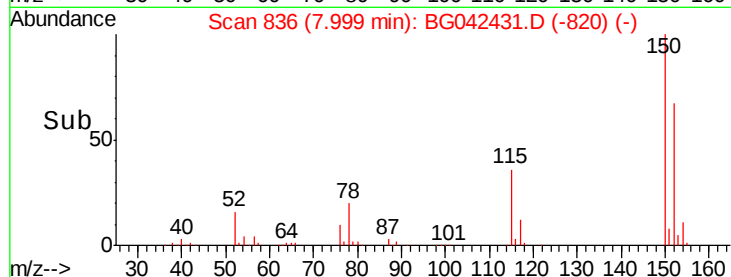
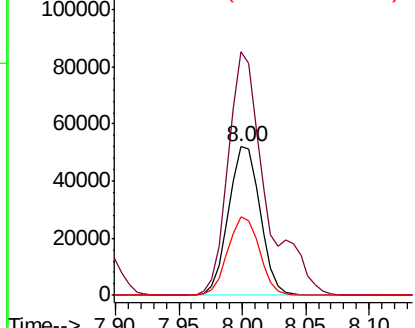
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:152 Resp: 90085  
Ion Ratio Lower Upper  
152 100  
150 163.8 125.4 188.0  
115 52.9 38.5 57.7



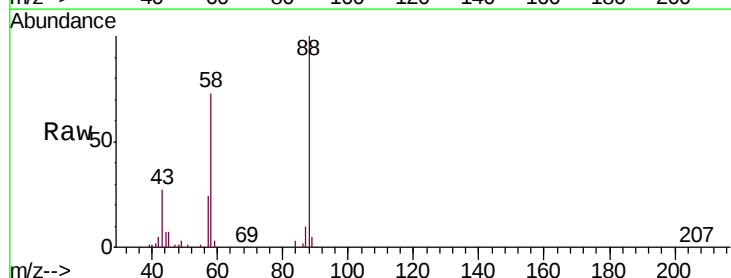
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



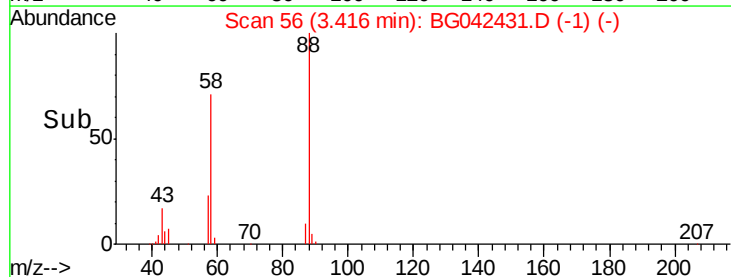
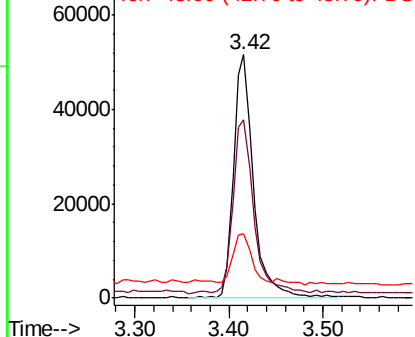
#2

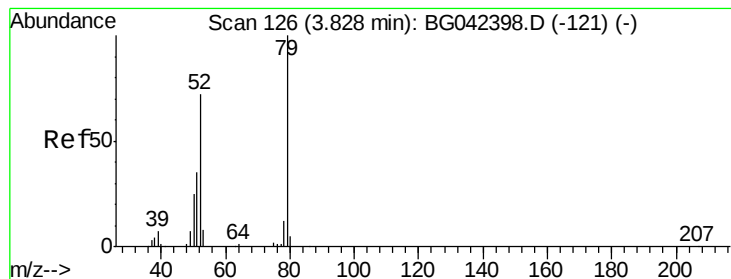
1,4-Dioxane  
Concen: 40.810 ng  
RT: 3.42 min Scan# 56  
Delta R.T. -0.01 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Tgt Ion: 88 Resp: 75753  
Ion Ratio Lower Upper  
88 100  
58 74.2 58.3 87.5  
43 18.2 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: 38.466 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

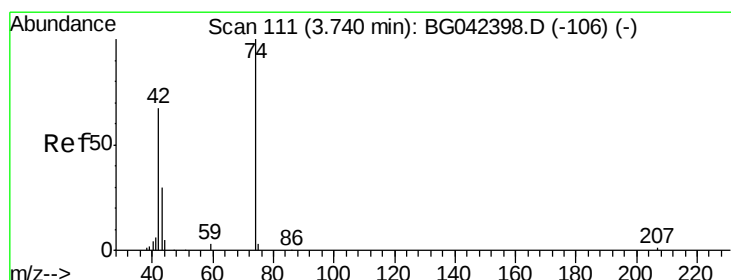
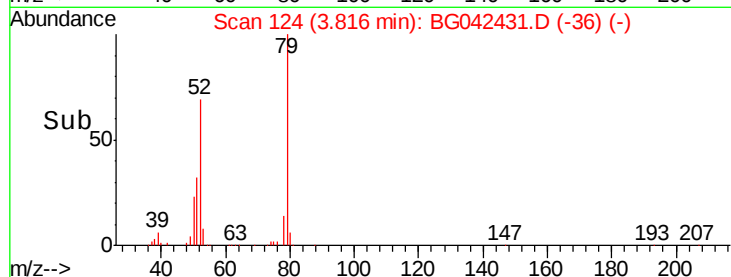
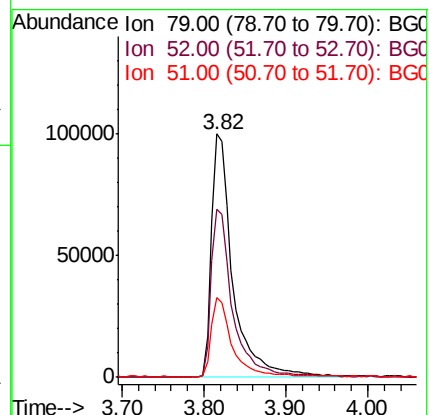
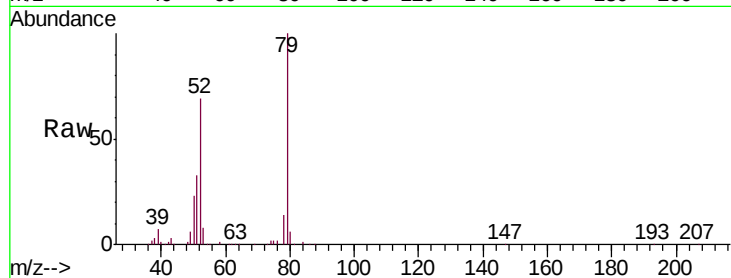
Tot Ion: 79 Resp: 183089

Ion Ratio Lower Upper

79 100

52 69.0 57.7 86.5

51 32.5 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 40.950 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

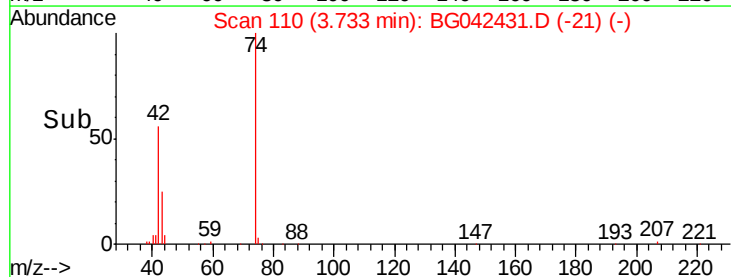
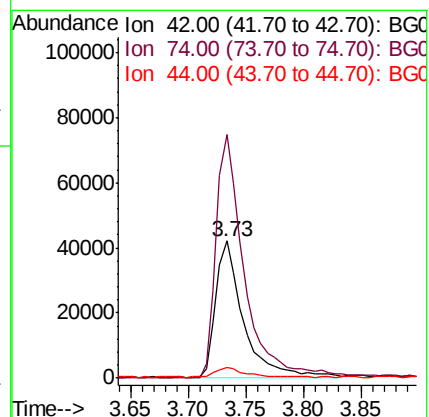
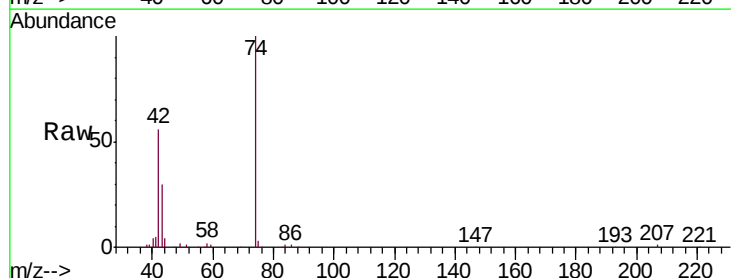
Tgt Ion: 42 Resp: 69616

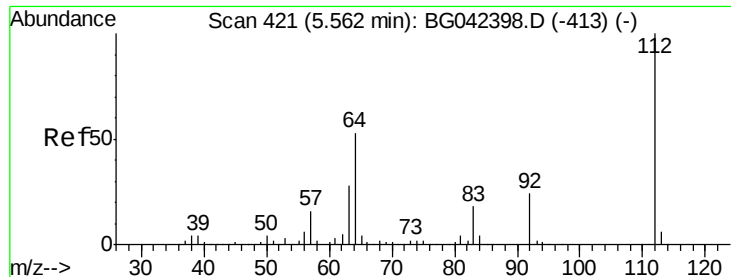
Ion Ratio Lower Upper

42 100

74 177.5 119.6 179.4

44 7.8 6.5 9.7





#5

2-Fluorophenol

Concen: 131.443 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampled :

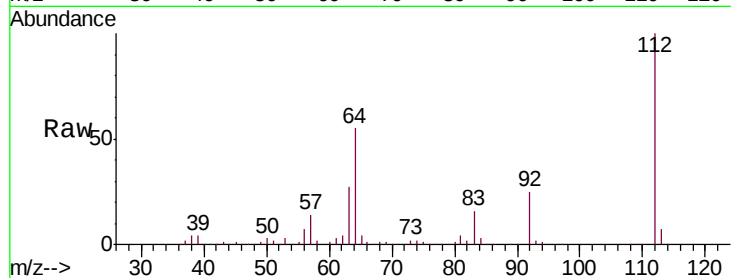
Tot Ion:112 Resp: 584658

Ion Ratio Lower Upper

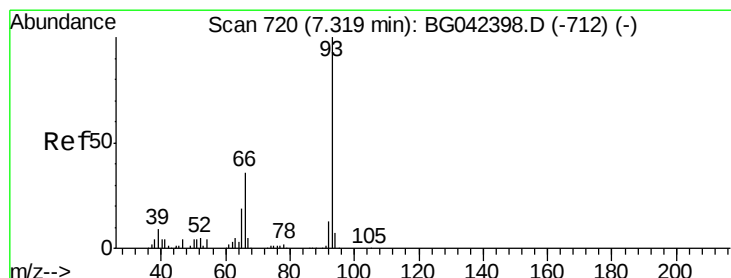
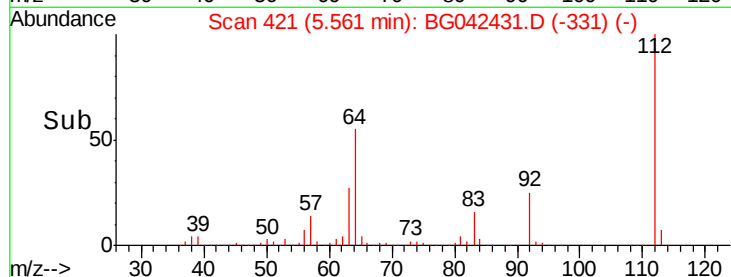
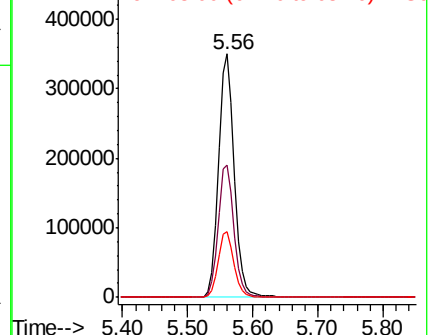
112 100

64 54.5 42.8 64.2

63 27.1 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: 35.413 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

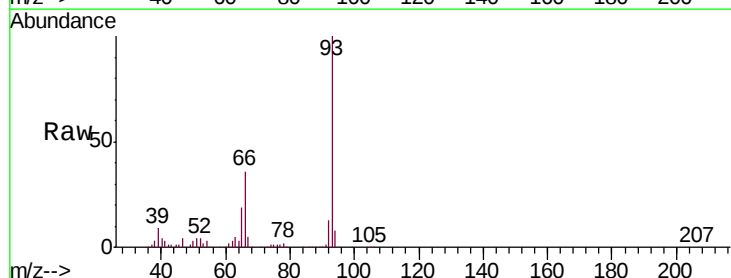
Tgt Ion: 93 Resp: 283785

Ion Ratio Lower Upper

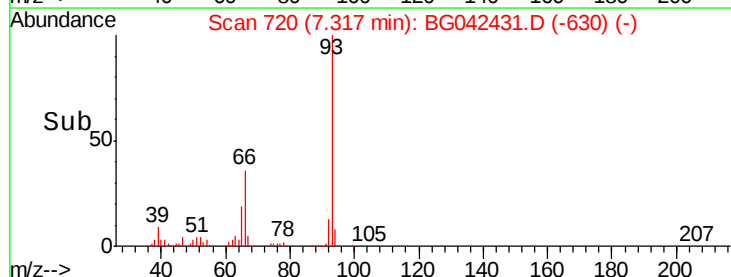
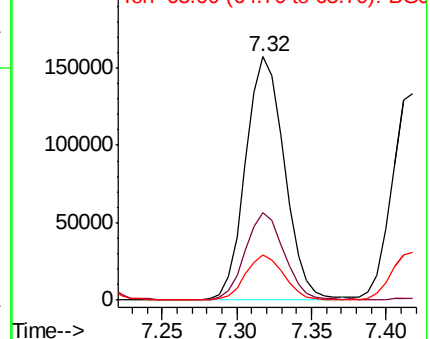
93 100

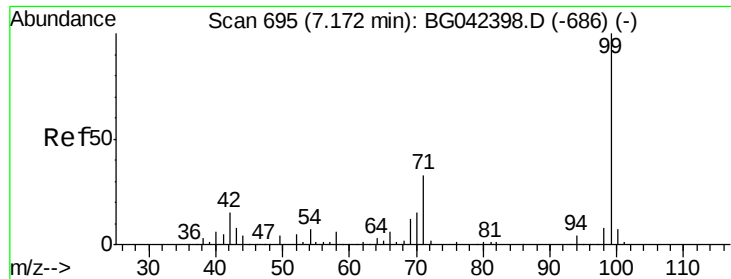
66 36.2 29.0 43.6

65 18.5 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: 120.240 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampled :

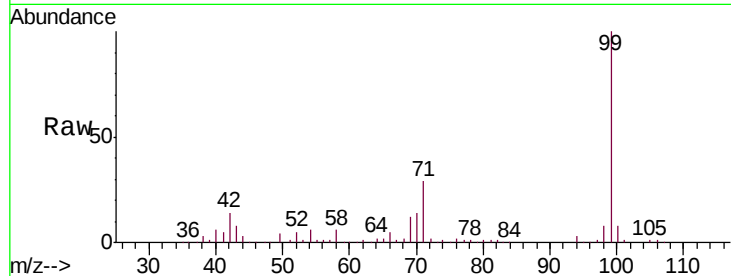
Tot Ion: 99 Resp: 722429

Ion Ratio Lower Upper

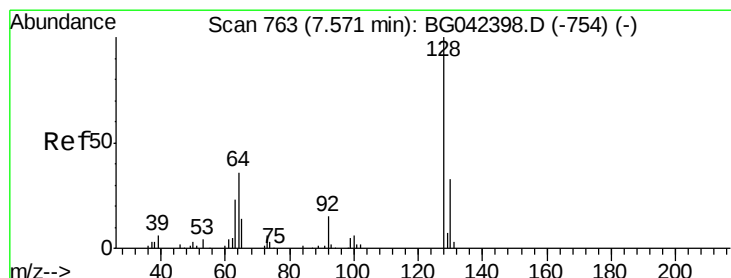
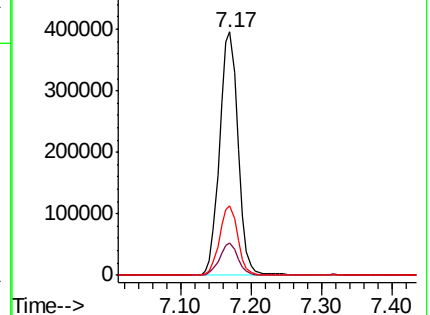
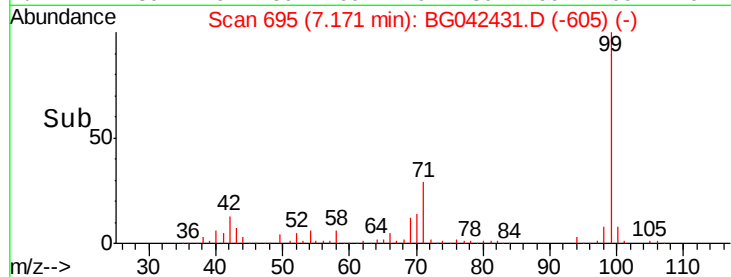
99 100

42 13.5 12.0 18.0

71 28.5 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: 46.872 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

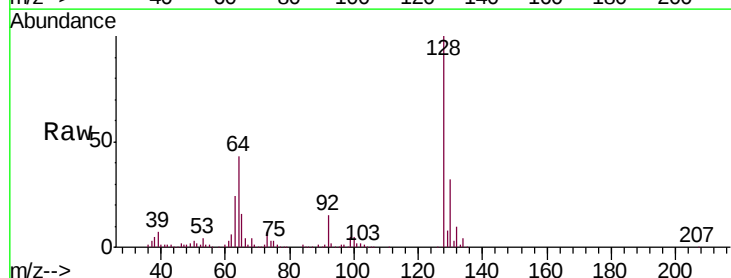
Tgt Ion: 128 Resp: 252671

Ion Ratio Lower Upper

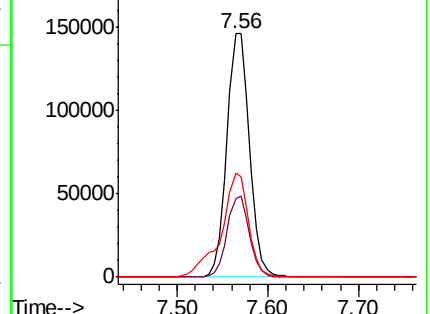
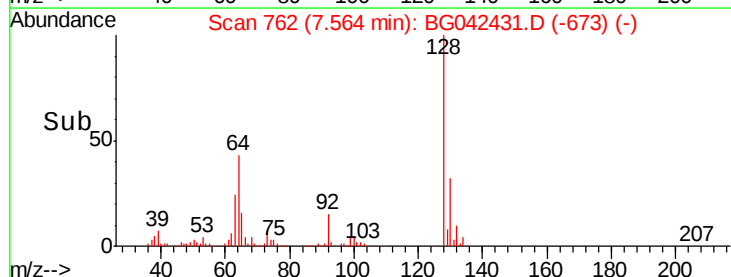
128 100

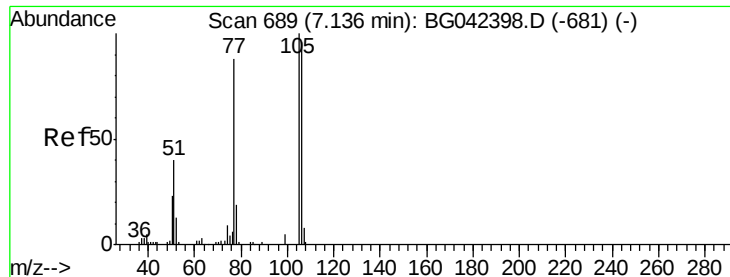
130 32.4 12.8 52.8

64 43.0 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: 54.691 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampled :

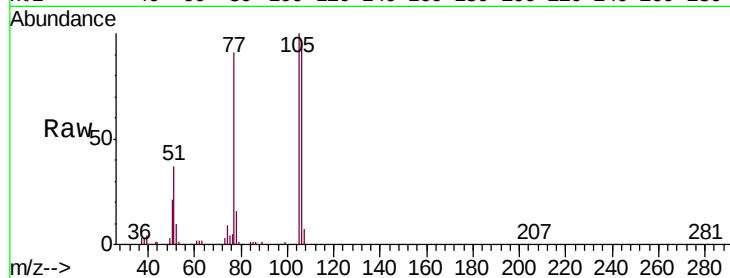
Tot Ion: 77 Resp: 164511

Ion Ratio Lower Upper

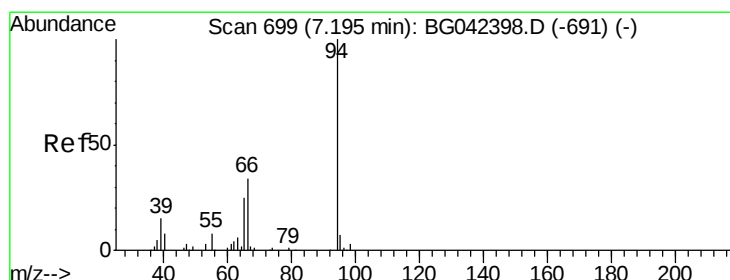
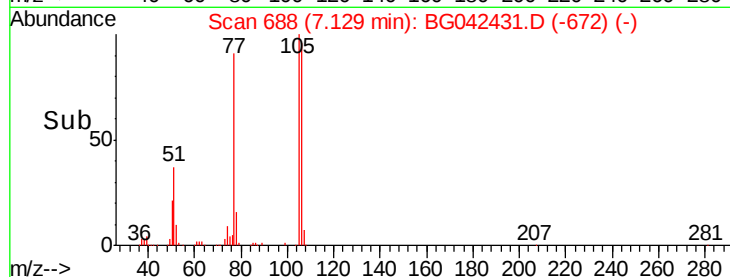
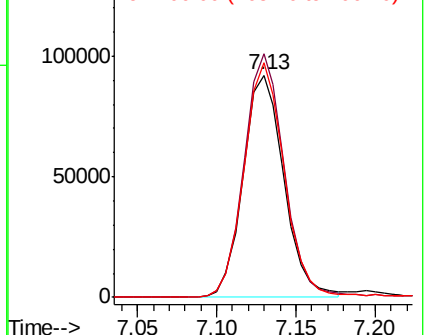
77 100

105 109.7 93.4 133.4

106 105.7 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: 47.957 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

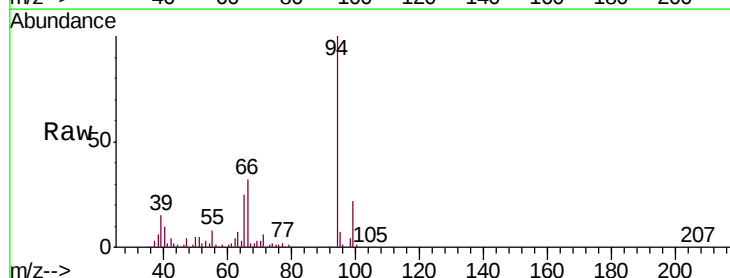
Tgt Ion: 94 Resp: 292961

Ion Ratio Lower Upper

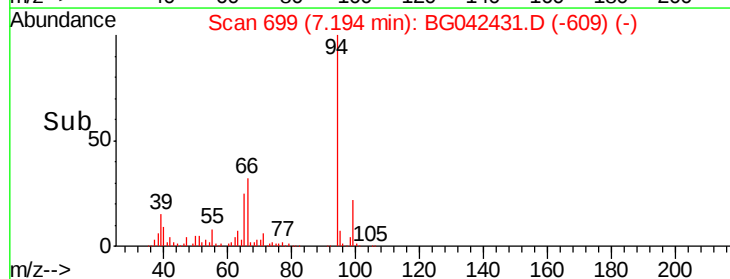
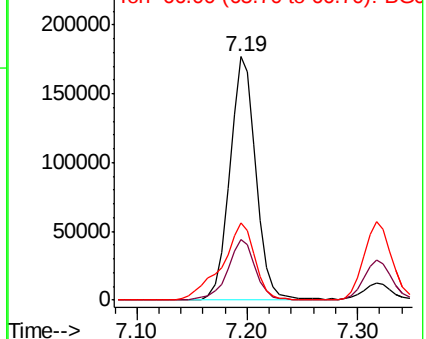
94 100

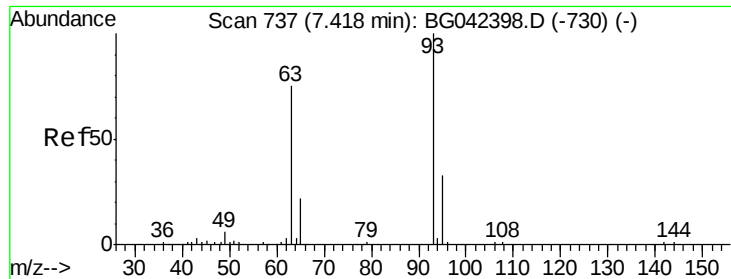
65 24.8 5.6 45.6

66 31.6 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

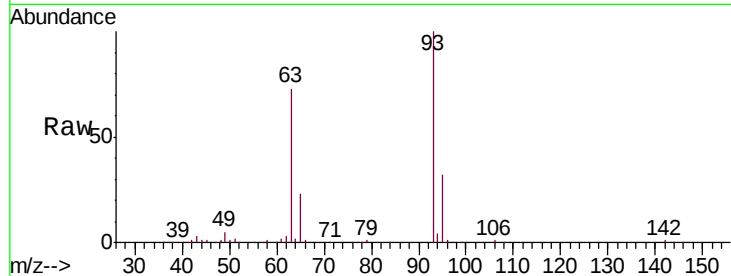




#11  
 bis(2-Chloroethyl)ether  
 Concen: 46.284 ng  
 RT: 7.42 min Scan# 737  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 72.8  | 53.8  | 93.8  |
| 95      | 32.2  | 13.1  | 53.1  |

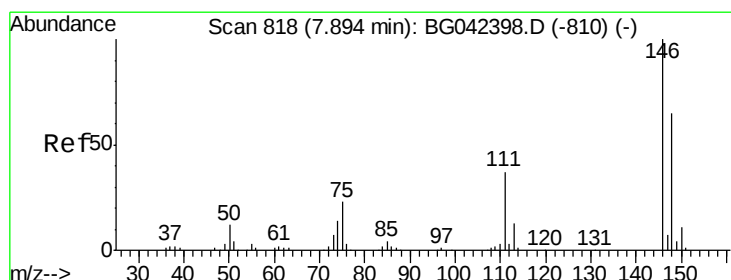
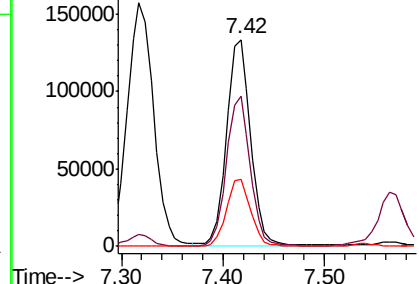
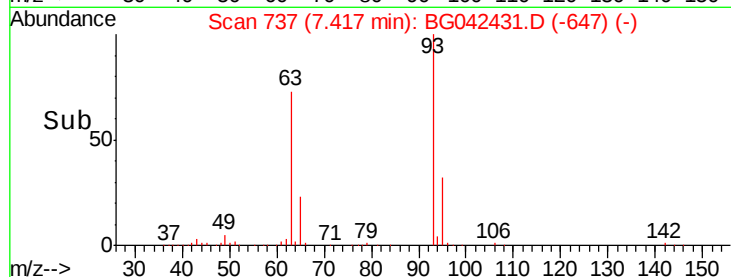


Abundance

Ion 93.00 (92.70 to 93.70): BGC

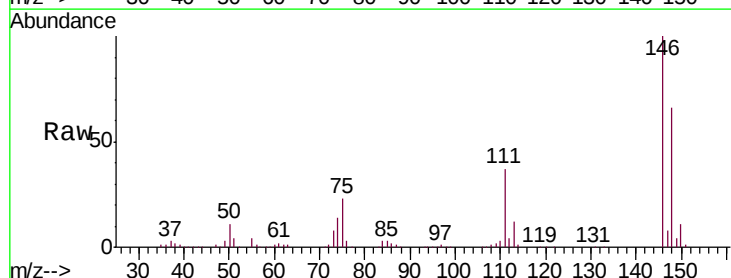
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12  
 1,3-Dichlorobenzene  
 Concen: 39.579 ng  
 RT: 7.89 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.3  | 52.2  | 78.2  |
| 75      | 22.6  | 18.0  | 27.0  |

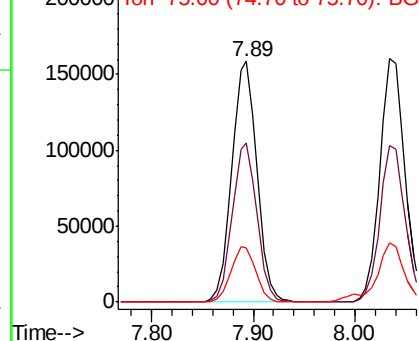
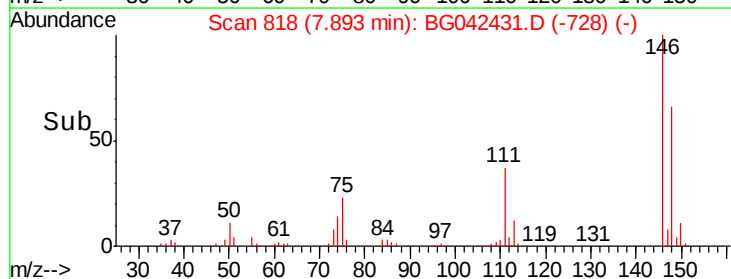


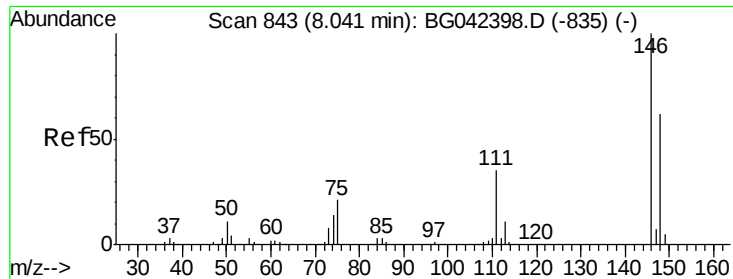
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC

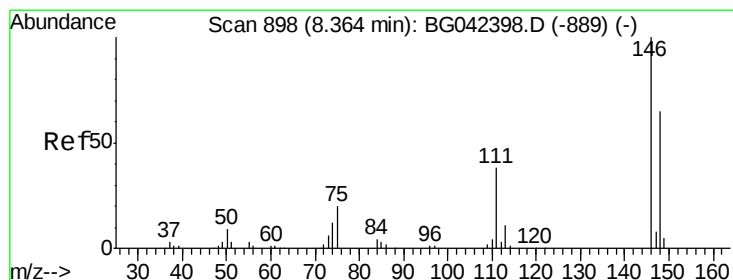
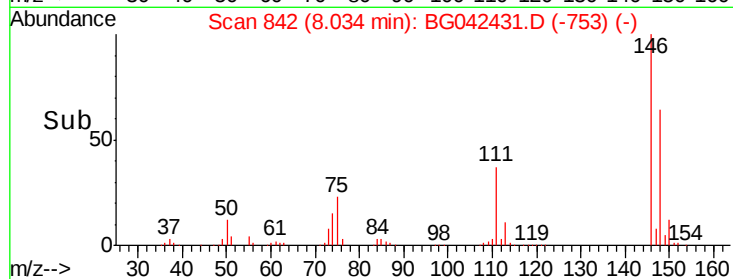
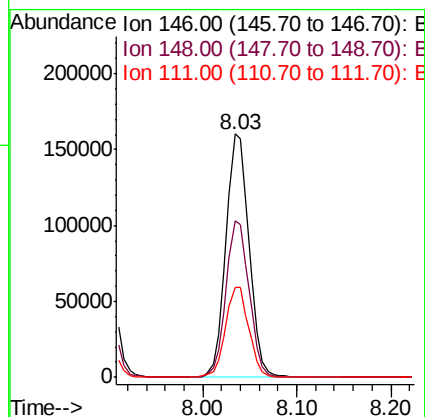
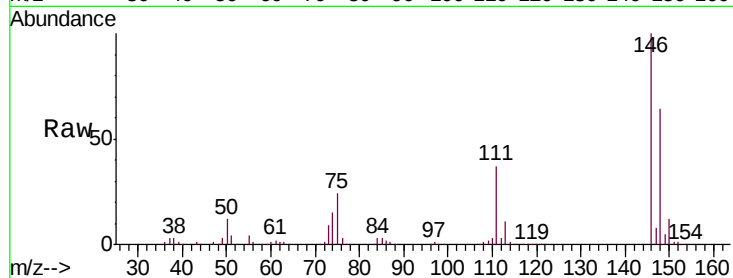




#13  
 1,4-Dichlorobenzene  
 Concen: 39.696 ng  
 RT: 8.03 min Scan# 842  
 Delta R.T. -0.01 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

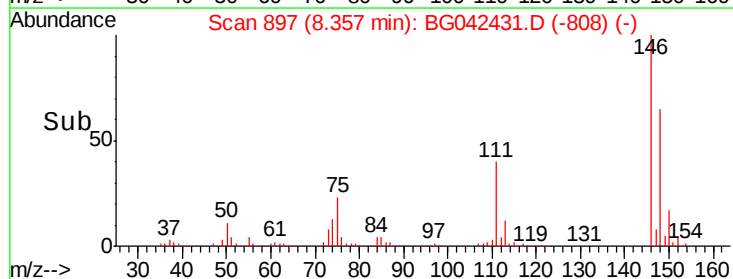
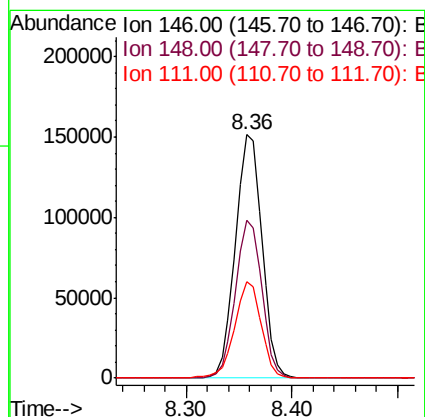
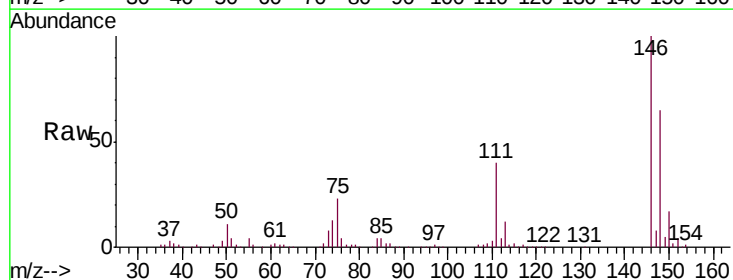
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 275736  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 49.5 74.3  
 111 37.2 28.1 42.1



#14  
 1,2-Dichlorobenzene  
 Concen: 39.483 ng  
 RT: 8.36 min Scan# 897  
 Delta R.T. -0.01 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

Tgt Ion:146 Resp: 262642  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 51.8 77.6  
 111 39.6 30.9 46.3





#15

Benzyl Alcohol

Concen: 41.164 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampled :

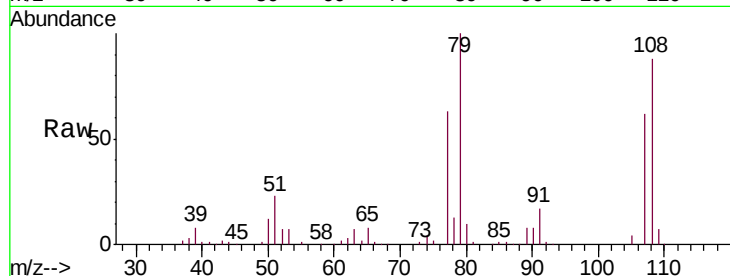
Tot Ion: 79 Resp: 177934

Ion Ratio Lower Upper

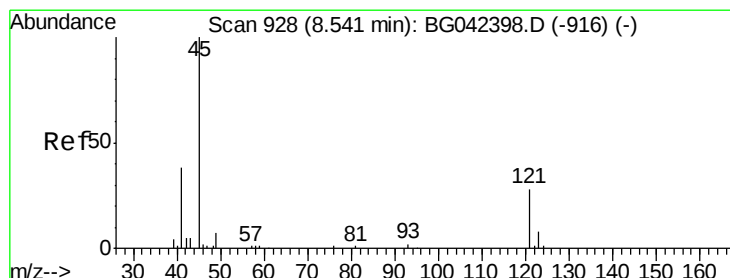
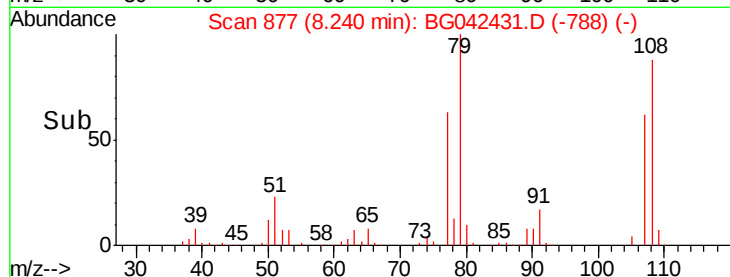
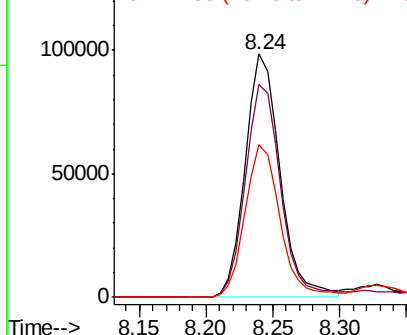
79 100

108 87.5 67.4 101.2

77 62.8 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.871 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

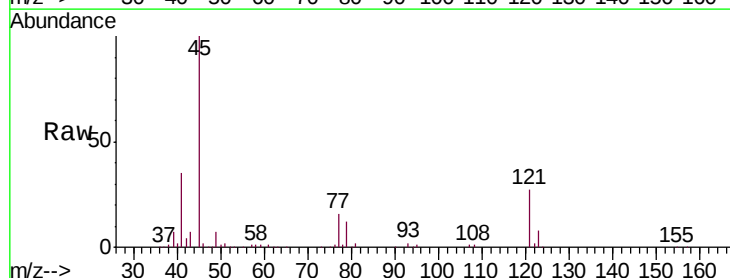
Tgt Ion: 45 Resp: 278773

Ion Ratio Lower Upper

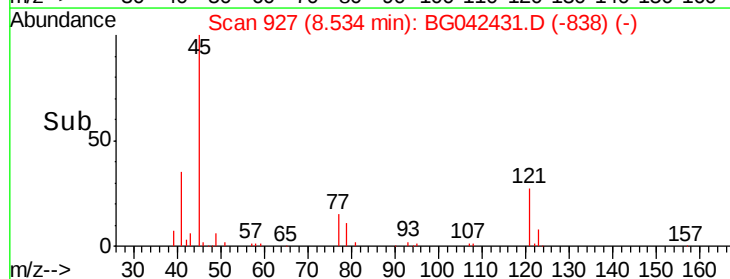
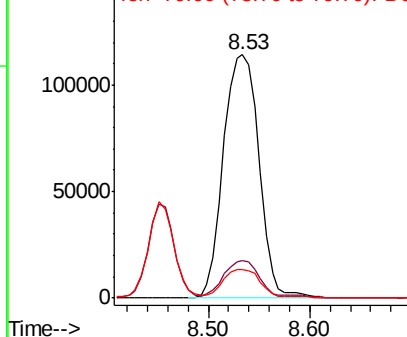
45 100

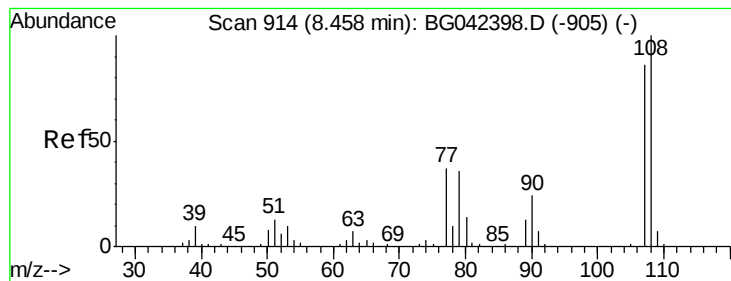
77 15.6 0.0 35.6

79 11.7 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

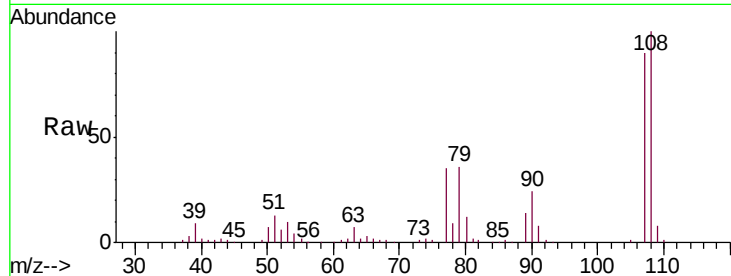




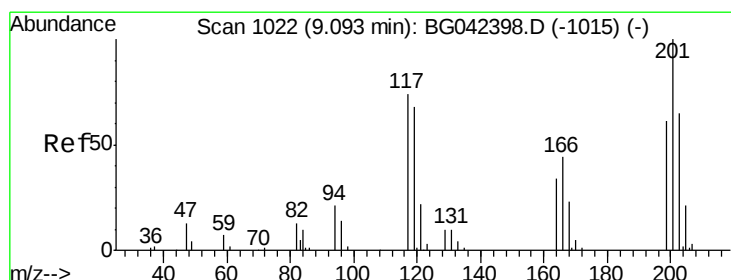
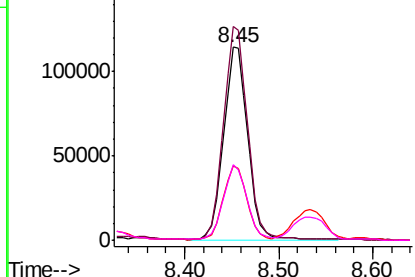
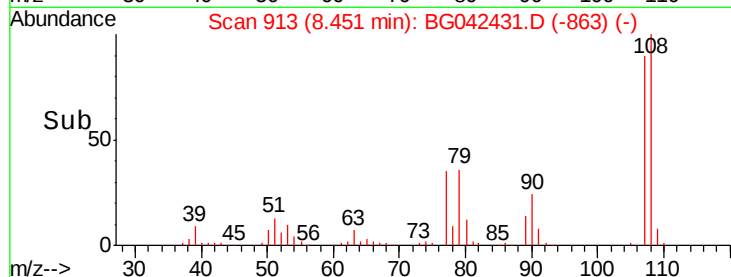
#17  
2-Methylphenol  
Concen: 45.550 ng  
RT: 8.45 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 204950 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.8 | 92.9  | 139.3  |
| 77       | 38.4  | 34.4  | 51.6   |
| 79       | 39.5  | 33.8  | 50.6   |

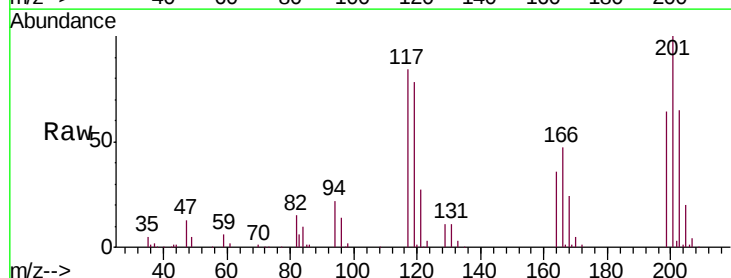


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

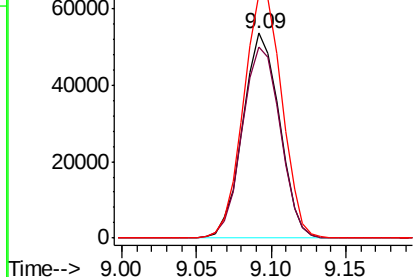
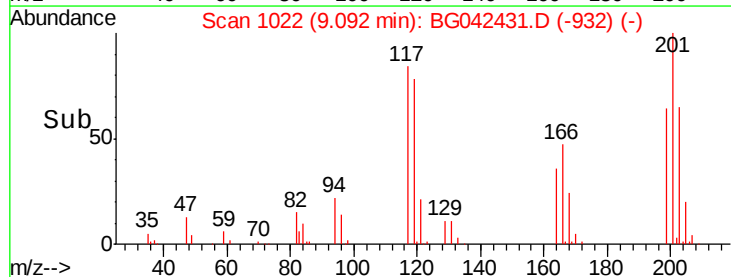


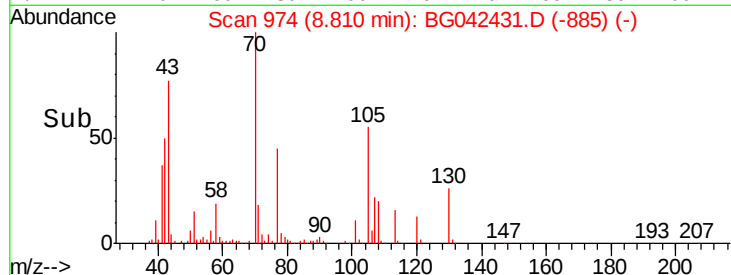
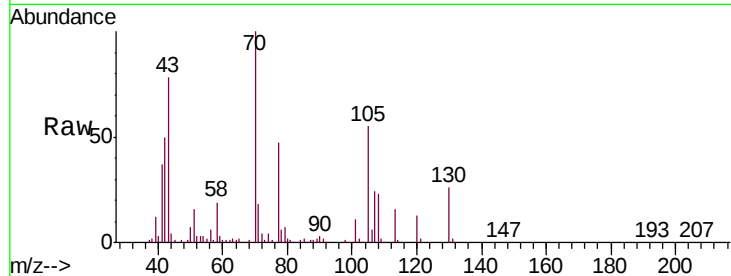
#18  
Hexachloroethane  
Concen: 38.373 ng  
RT: 9.09 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 91252 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.2  | 73.8  | 110.8 |
| 201      | 118.9 | 108.3 | 162.5 |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

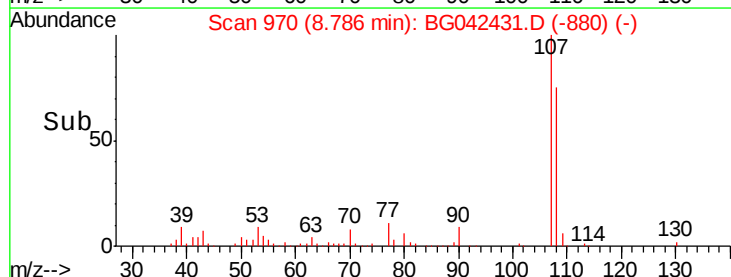
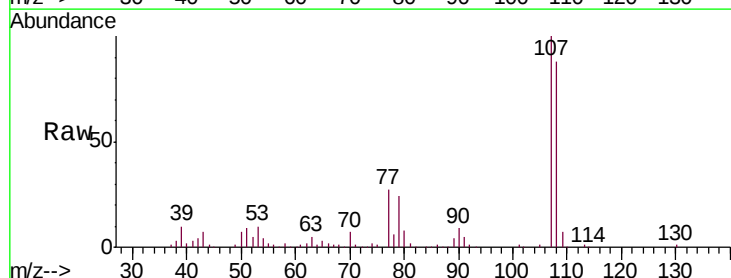
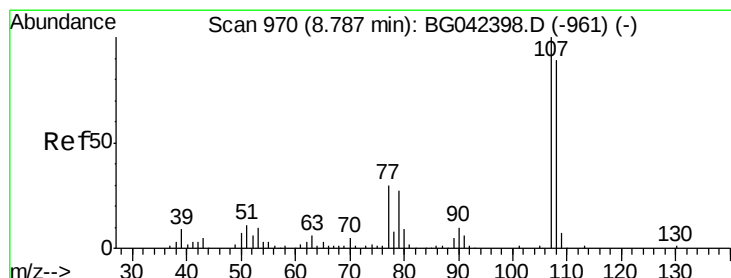
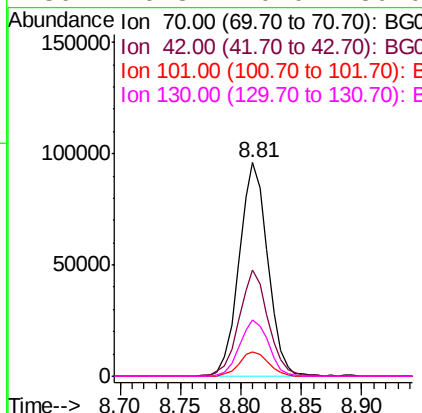




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.785 ng  
RT: 8.81 min Scan# 974  
Delta R.T. -0.01 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

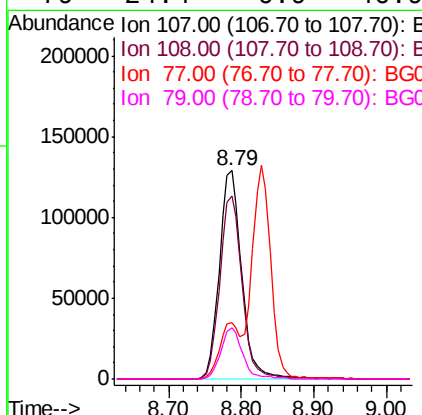
Instrument :  
BNA\_G  
ClientSampled :

Tot Ion: 70 Resp: 158756  
Ion Ratio Lower Upper  
70 100  
42 49.7 38.8 58.2  
101 11.4 9.0 13.6  
130 26.3 20.0 30.0



#20  
3+4-Methylphenols  
Concen: 44.296 ng  
RT: 8.79 min Scan# 970  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Tgt Ion: 107 Resp: 275793  
Ion Ratio Lower Upper  
107 100  
108 88.0 68.7 108.7  
77 27.3 10.2 50.2  
79 24.4 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: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 369645

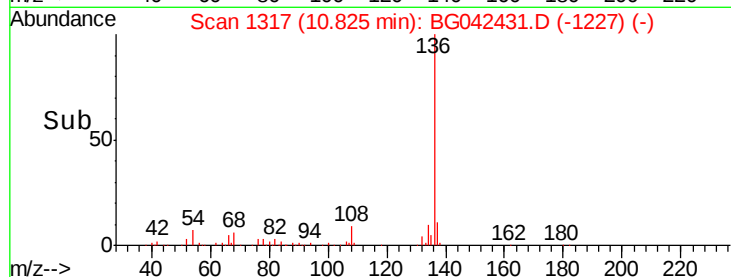
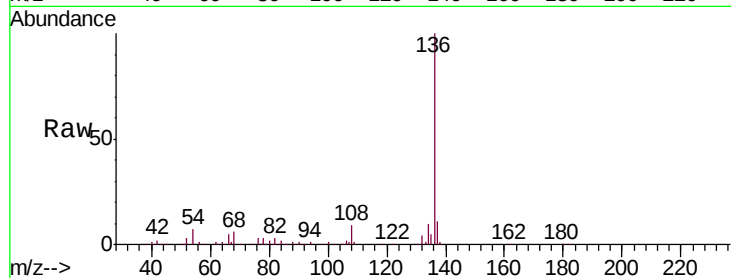
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.3 4.9 7.3

68 6.3 3.6 5.4#

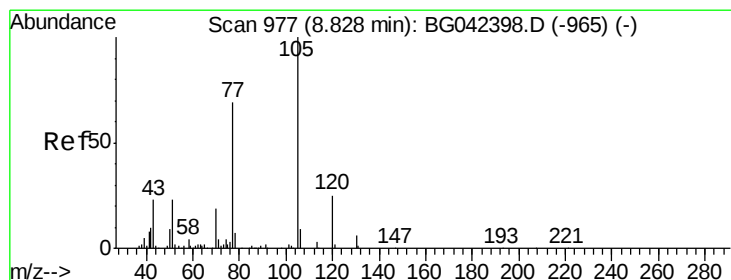
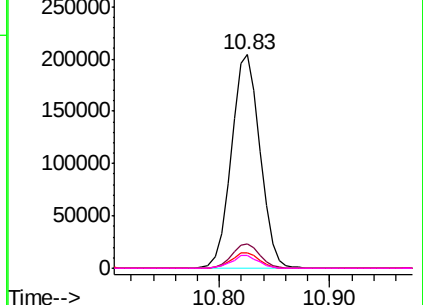


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.839 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:105 Resp: 330783

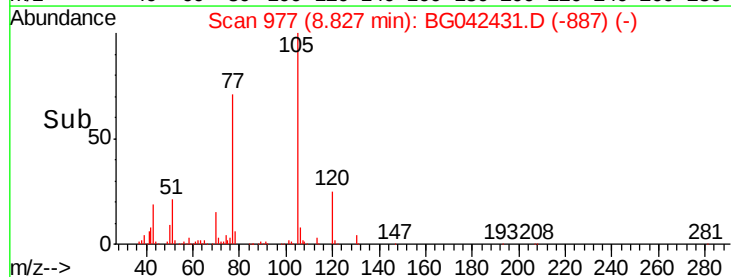
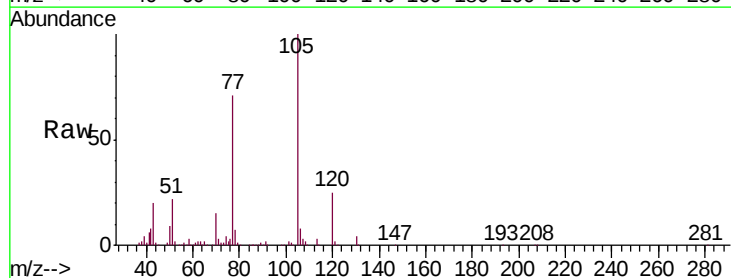
Ion Ratio Lower Upper

105 100

71 2.8 2.8 4.2#

51 21.7 18.7 28.1

120 25.4 20.1 30.1

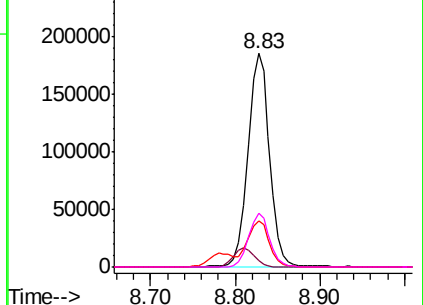


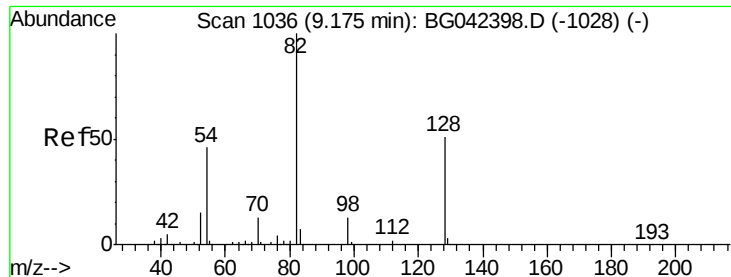
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

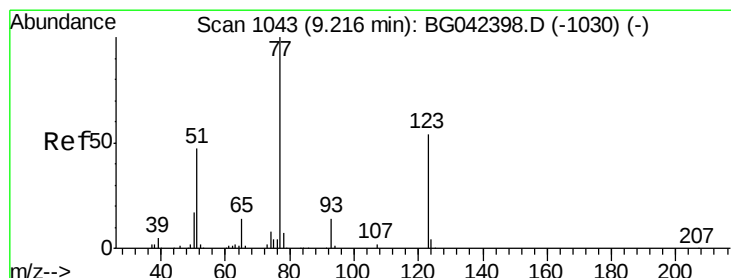
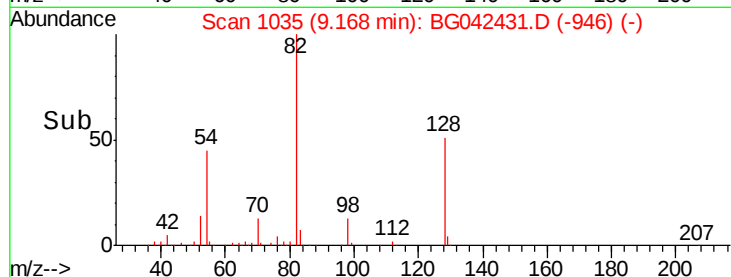
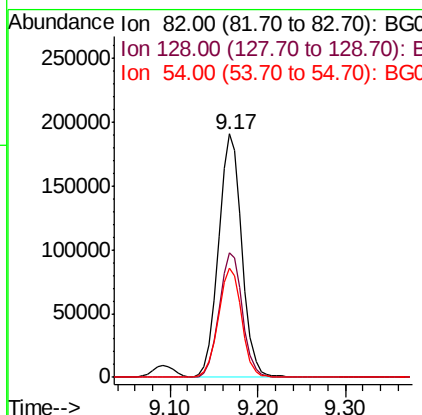
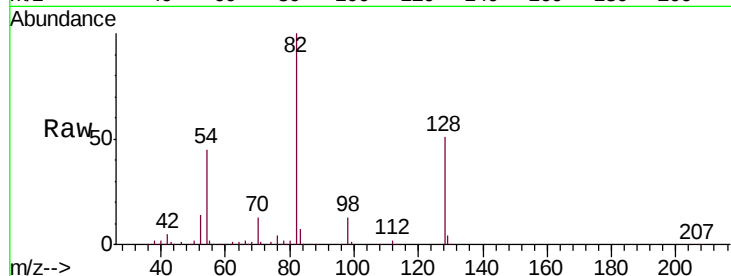




#23  
Nitrobenzene-d5  
Concen: 65.526 ng  
RT: 9.17 min Scan# 1035  
Delta R.T. -0.01 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

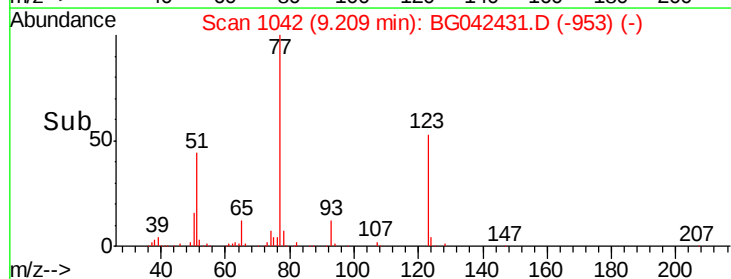
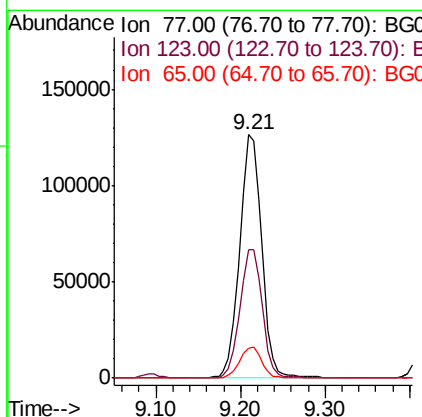
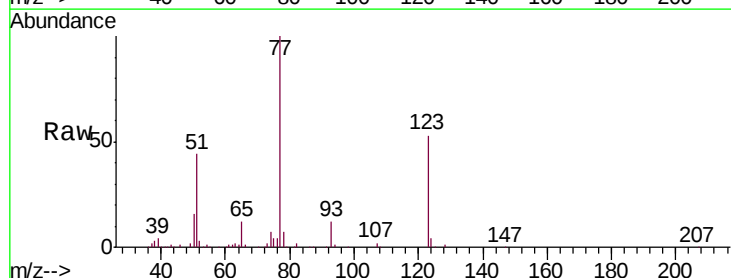
Instrument :  
BNA\_G  
ClientSampleId :

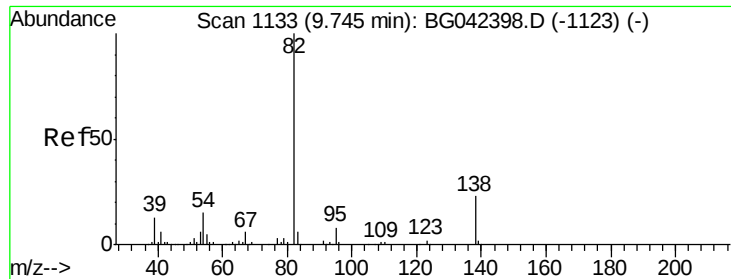
| Tot Ion   | 82    | Resp  | 350507 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 51.3  | 40.7  | 61.1   |
| 54        | 45.1  | 36.3  | 54.5   |



#24  
Nitrobenzene  
Concen: 41.827 ng  
RT: 9.21 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

| Tgt Ion   | 77    | Resp  | 226563 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 52.6  | 43.4  | 65.0   |
| 65        | 12.5  | 11.0  | 16.6   |





#25

Isophorone

Concen: 40.326 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

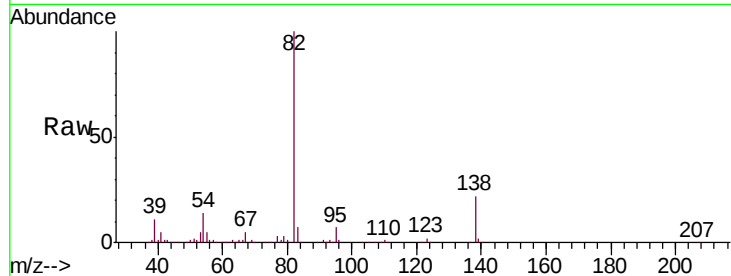
Tot Ion: 82 Resp: 425703

Ion Ratio Lower Upper

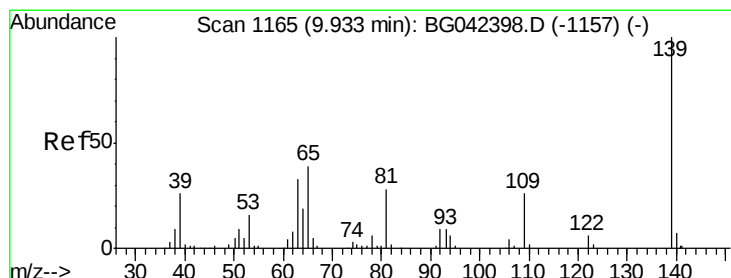
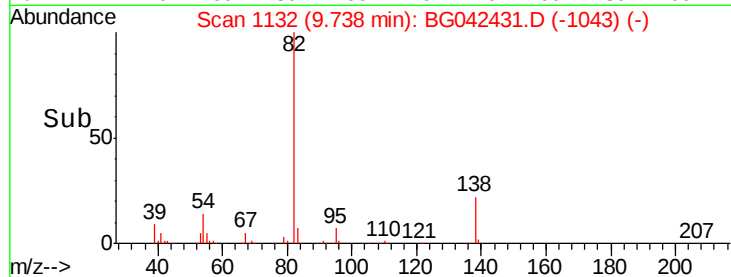
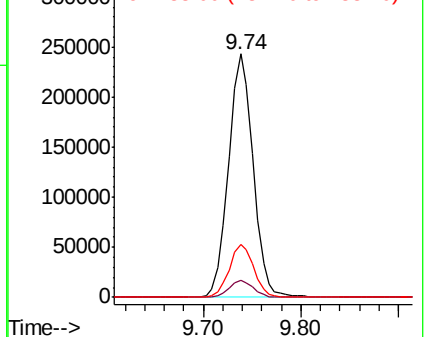
82 100

95 7.1 6.6 9.8

138 21.8 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: 42.255 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

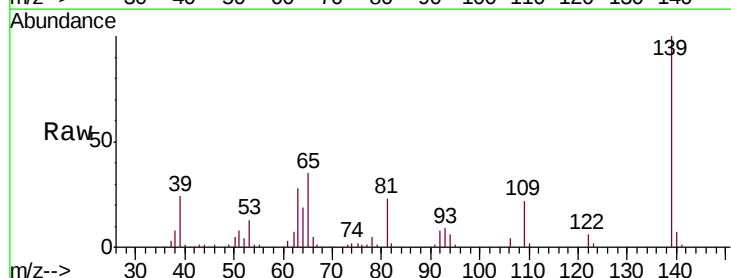
Tgt Ion: 139 Resp: 143435

Ion Ratio Lower Upper

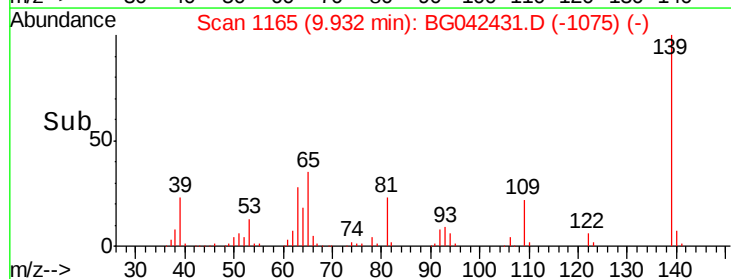
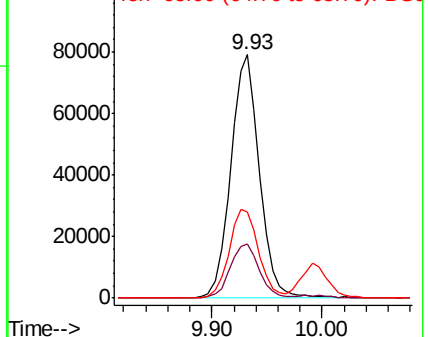
139 100

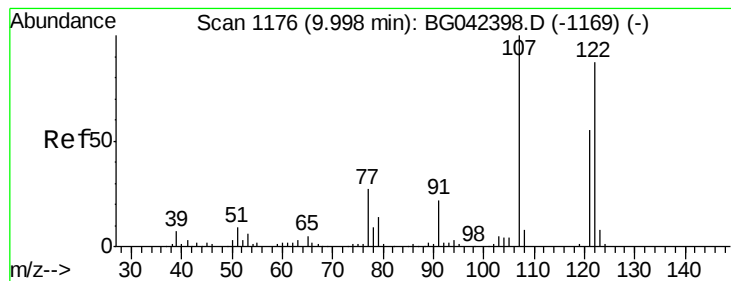
109 22.4 20.5 30.7

65 35.4 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: 48.084 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

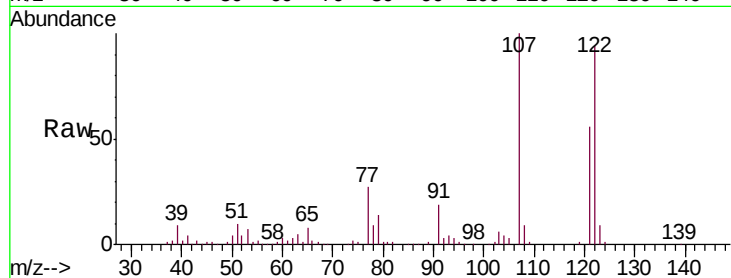
Tot Ion:122 Resp: 224837

Ion Ratio Lower Upper

122 100

107 106.8 90.8 136.2

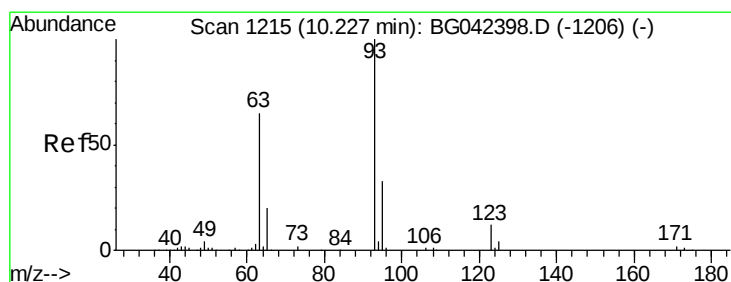
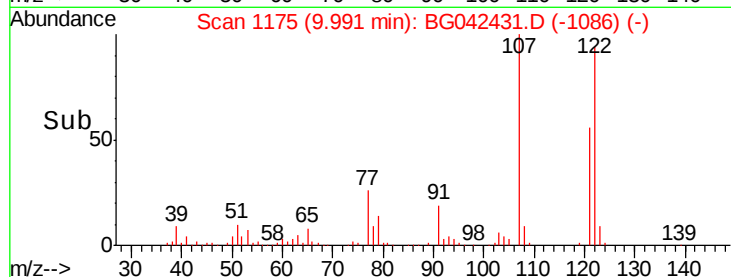
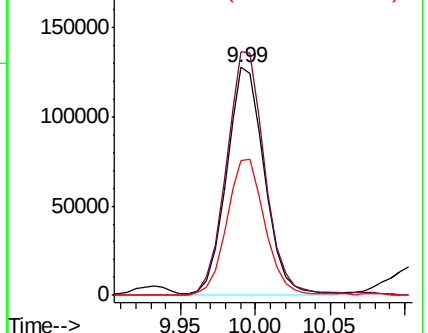
121 59.3 49.6 74.4



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: 41.784 ng

RT: 10.22 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

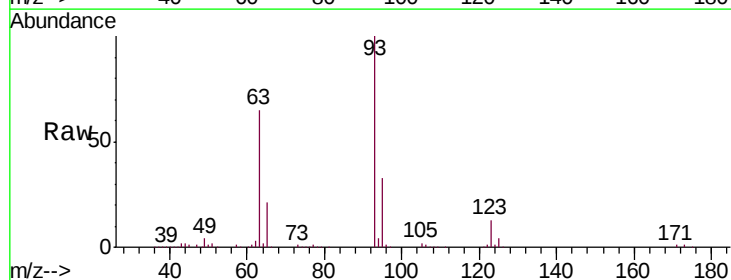
Tgt Ion: 93 Resp: 278014

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

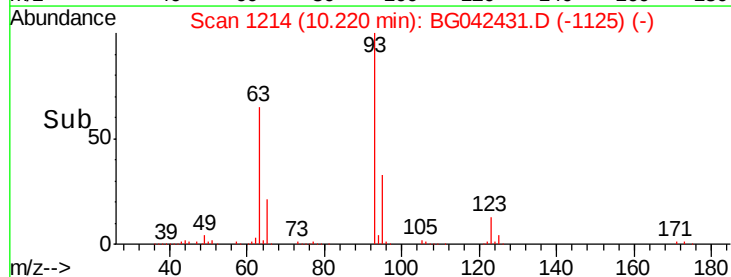
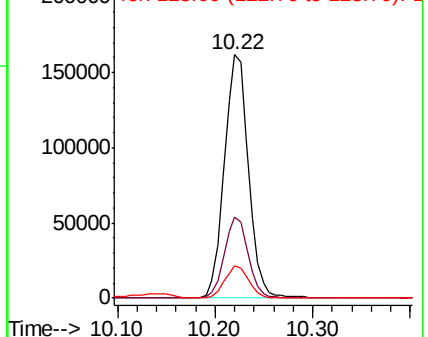
123 13.5 10.1 15.1

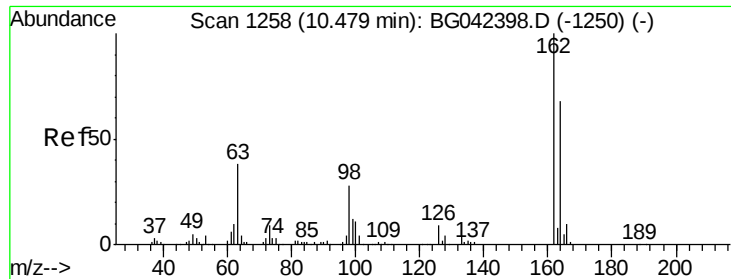


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

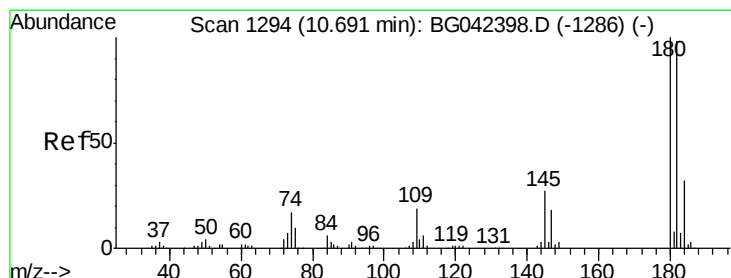
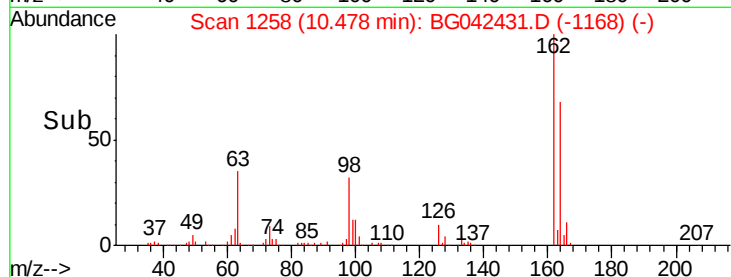
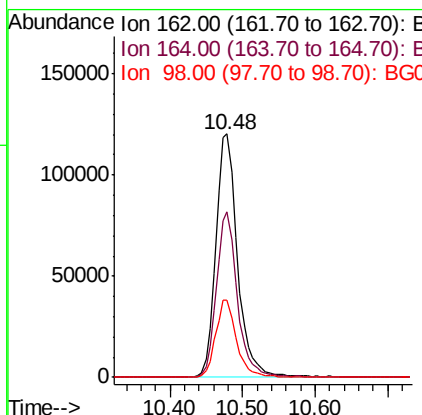
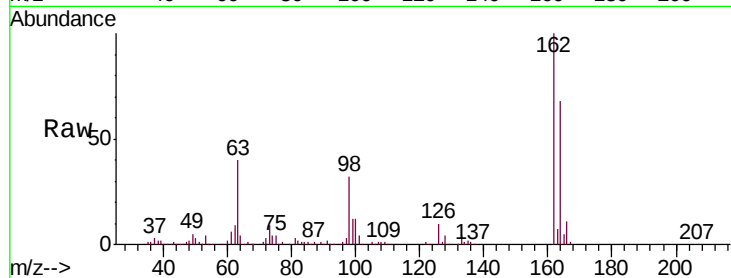




#29  
 2,4-Dichlorophenol  
 Concen: 40.889 ng  
 RT: 10.48 min Scan# 1258  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

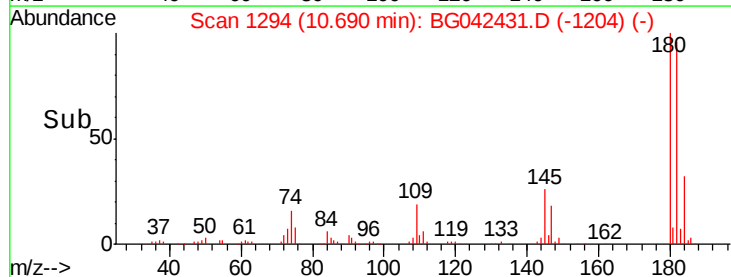
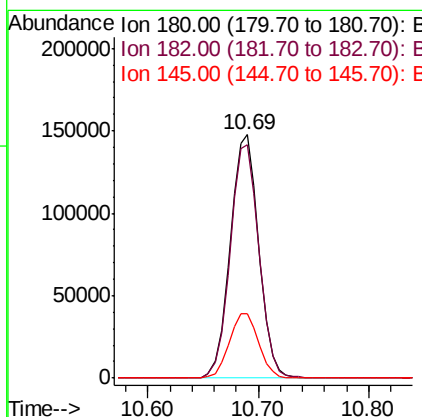
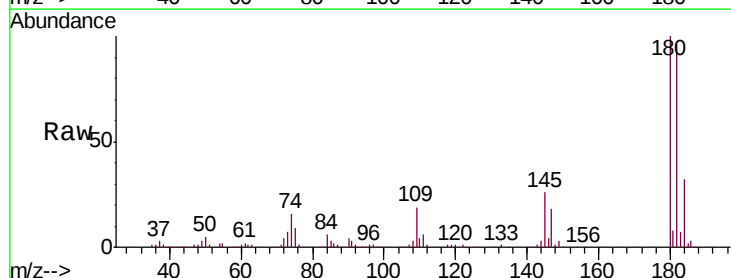
Instrument :  
 BNA\_G  
 ClientSampleId :

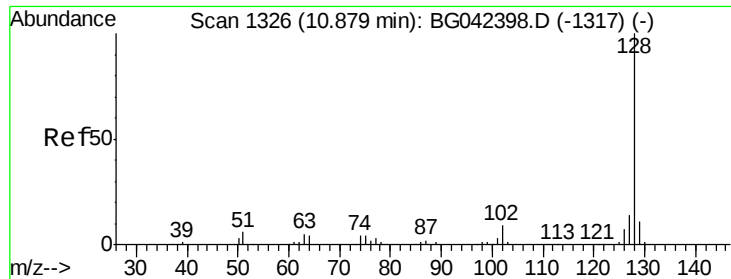
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.8  | 48.1  | 88.1  |
| 98      | 31.6  | 7.6   | 47.6  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.493 ng  
 RT: 10.69 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 78.7  | 118.1 |
| 145     | 26.4  | 21.6  | 32.4  |

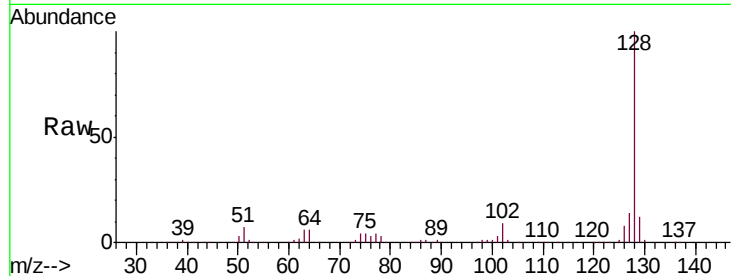




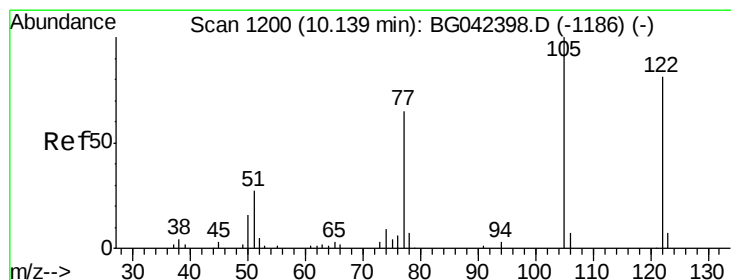
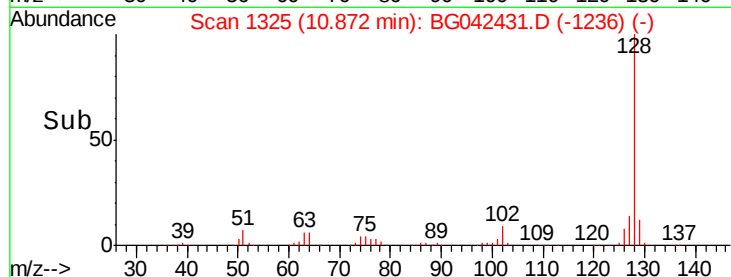
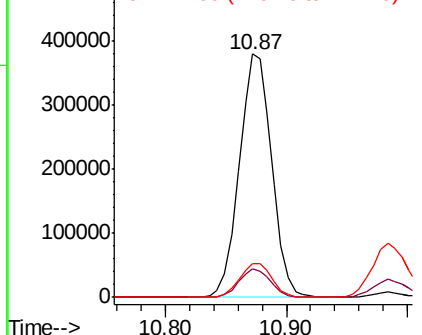
#31  
Naphthalene  
Concen: 41.176 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 706647  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.8 13.2  
127 14.0 11.4 17.0

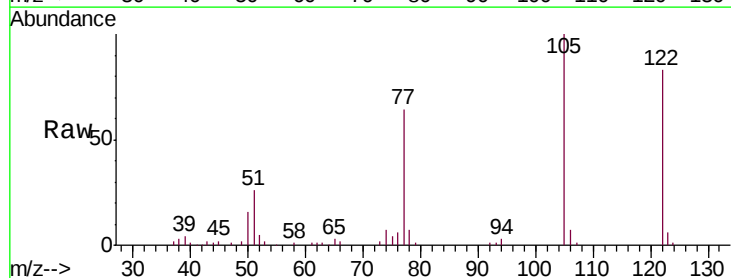


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

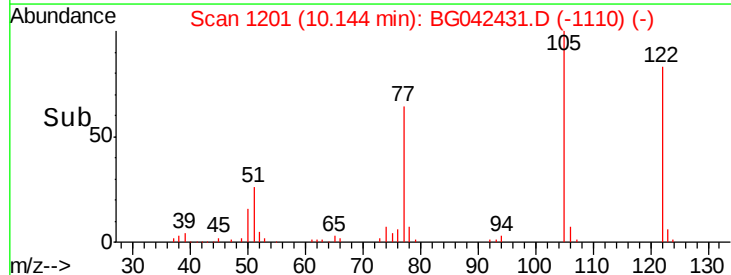
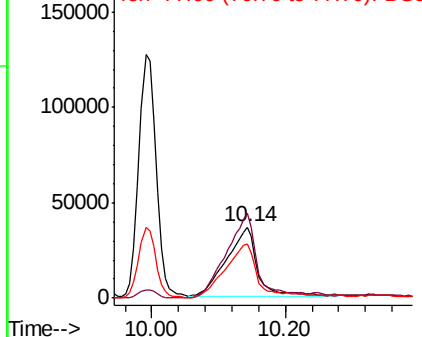


#32  
Benzoic acid  
Concen: 37.728 ng  
RT: 10.14 min Scan# 1201  
Delta R.T. 0.01 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Tgt Ion:122 Resp: 120883  
Ion Ratio Lower Upper  
122 100  
105 119.8 99.6 139.6  
77 77.2 59.5 99.5



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

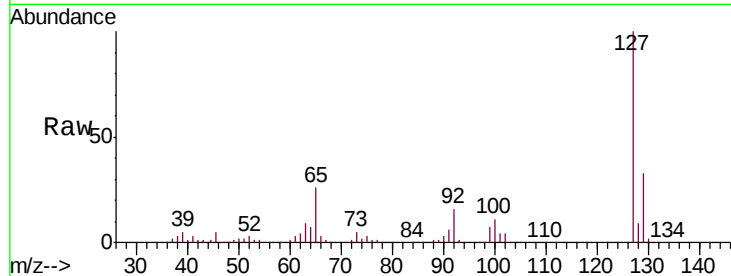




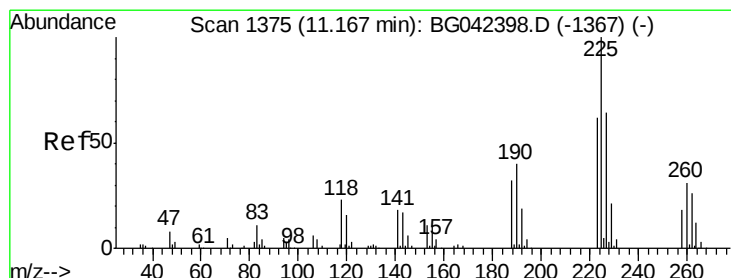
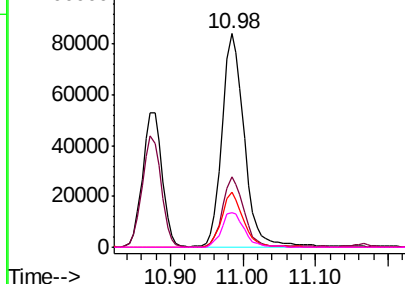
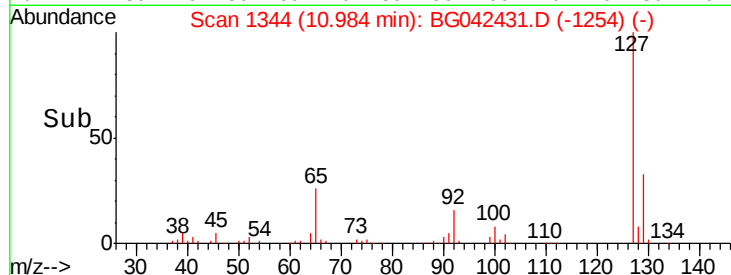
#33  
4-Chloroaniline  
Concen: 22.613 ng  
RT: 10.98 min Scan# 1344  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 179144    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.9  | 26.8 40.2 |
| 65          | 25.6  | 20.7 31.1 |
| 92          | 15.9  | 13.6 20.4 |

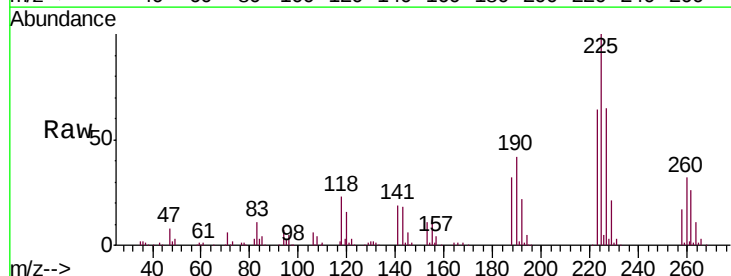


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

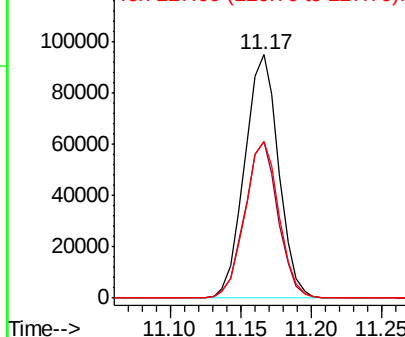
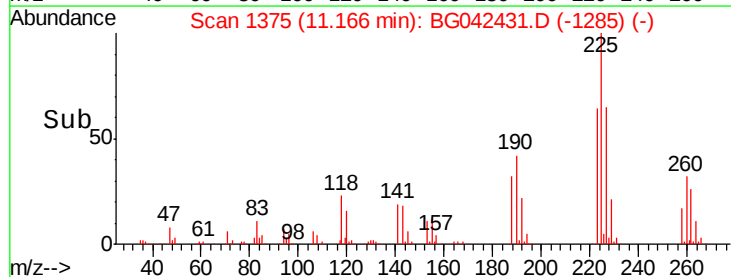


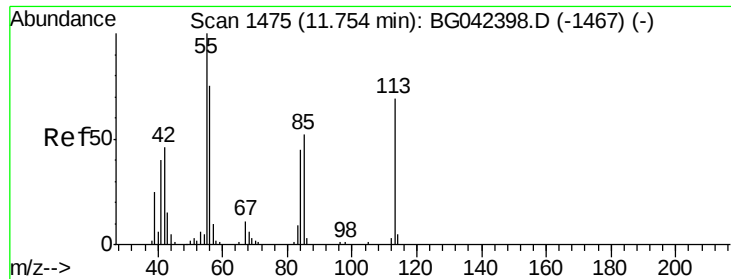
#34  
Hexachlorobutadiene  
Concen: 31.699 ng  
RT: 11.17 min Scan# 1375  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 159972    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.4  | 49.8 74.6 |
| 227         | 64.6  | 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: 19.737 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

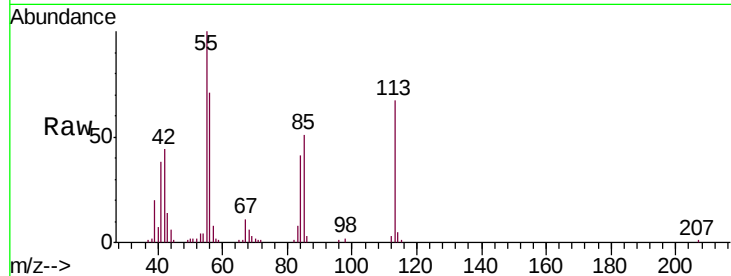
Tot Ion:113 Resp: 40290

Ion Ratio Lower Upper

113 100

55 148.5 124.6 164.6

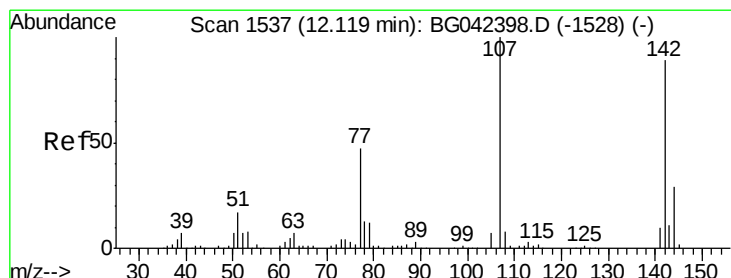
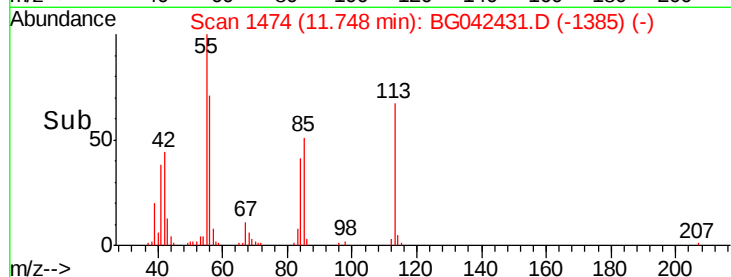
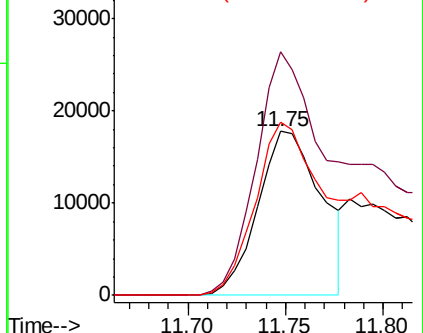
56 105.5 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 36.372 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

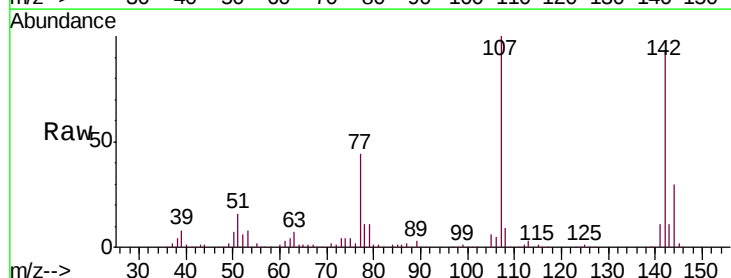
Tgt Ion:107 Resp: 211229

Ion Ratio Lower Upper

107 100

144 30.4 23.6 35.4

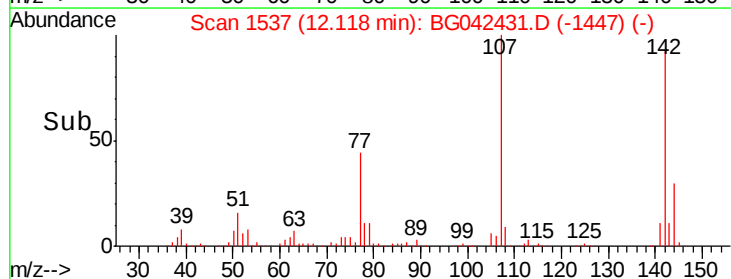
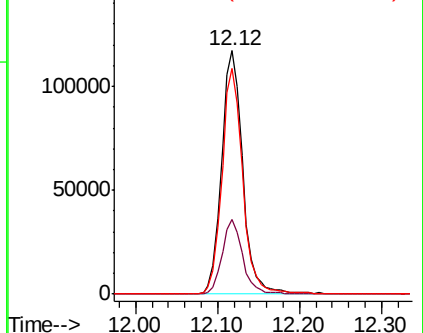
142 92.9 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

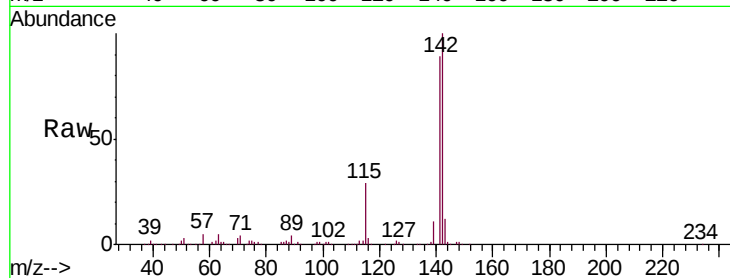




#37  
 2-Methylnaphthalene  
 Concen: 36.742 ng  
 RT: 12.49 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.4  | 71.4  | 107.2 |
| 115     | 29.5  | 25.2  | 37.8  |

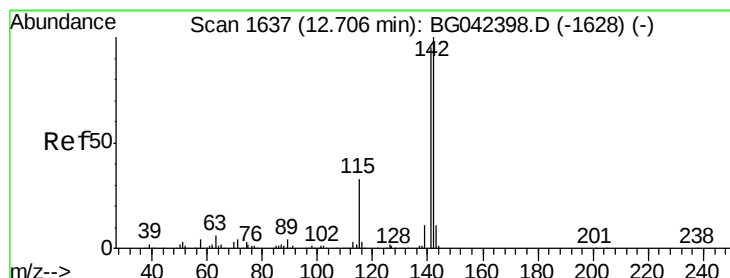
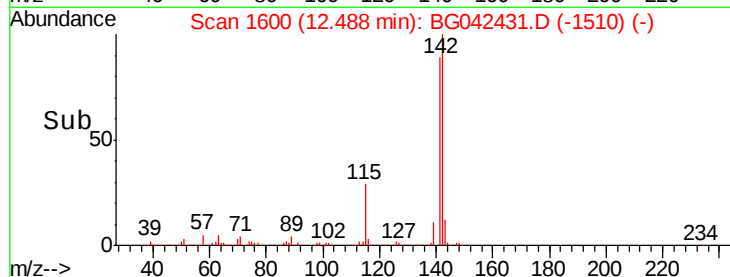
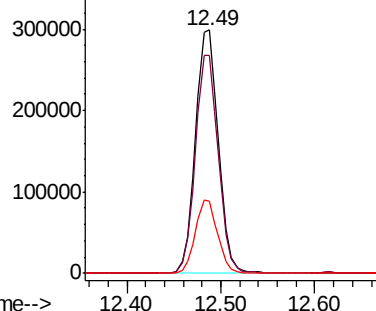


Abundance

Ion 142.00 (141.70 to 142.70): E

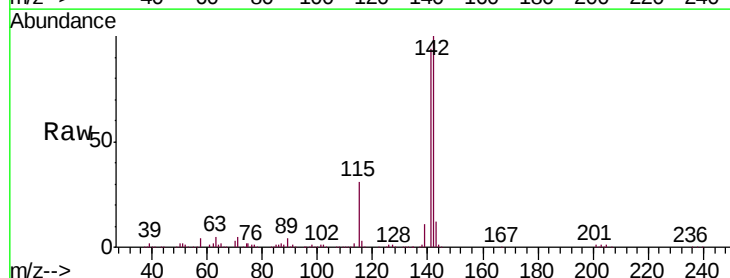
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
 1-Methylnaphthalene  
 Concen: 34.684 ng  
 RT: 12.71 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.6  | 76.2  | 114.2 |
| 116     | 3.3   | 2.8   | 4.2   |

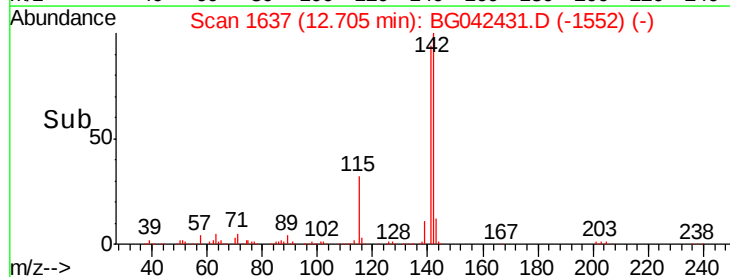
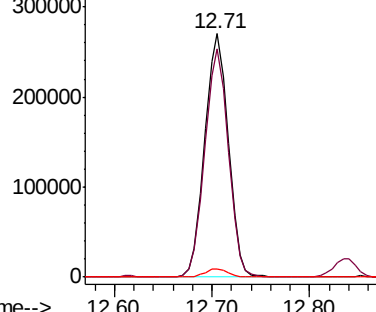


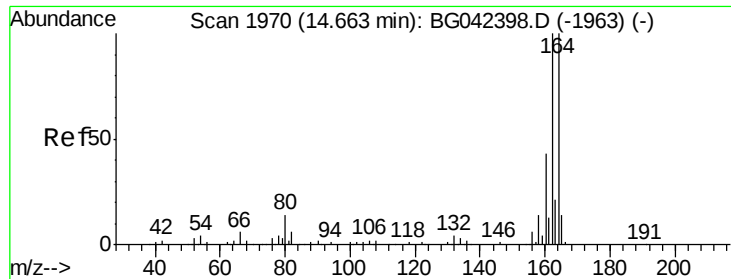
Abundance

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: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

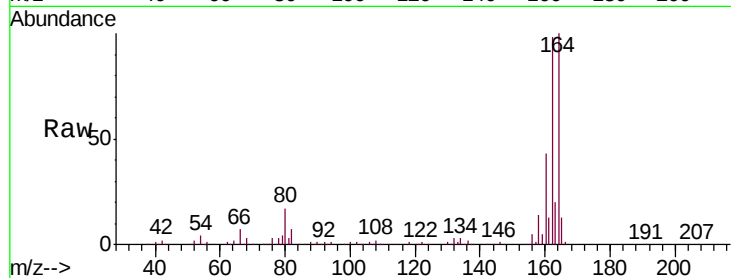
Tot Ion:164 Resp: 218342

Ion Ratio Lower Upper

164 100

162 97.9 79.9 119.9

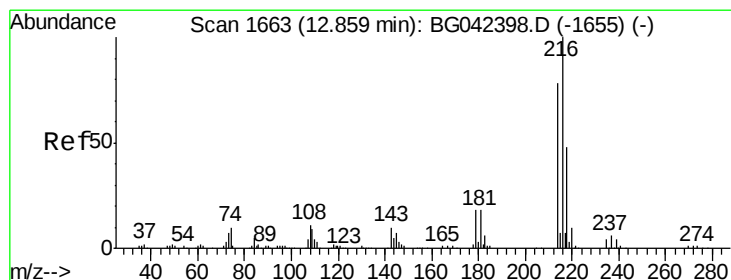
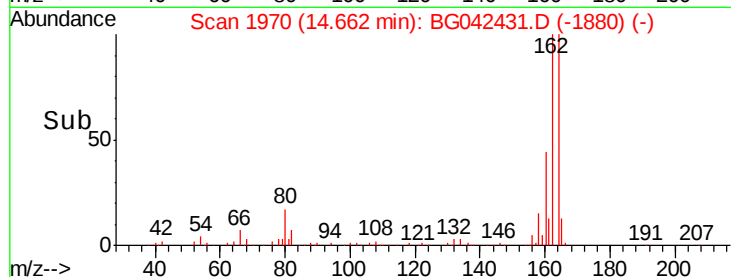
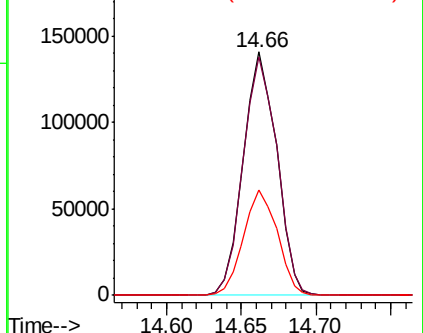
160 43.4 34.3 51.5



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: 39.186 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:216 Resp: 274760

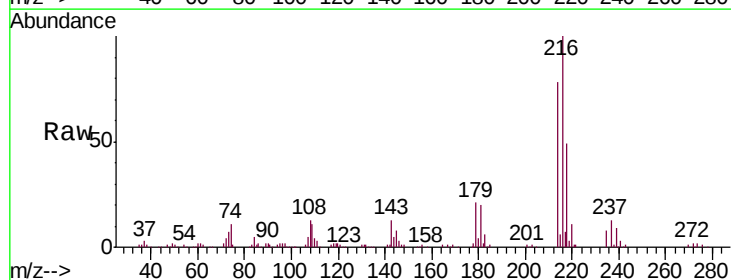
Ion Ratio Lower Upper

216 100

214 77.9 61.4 92.2

179 20.5 15.1 22.7

108 15.0 9.4 14.0#

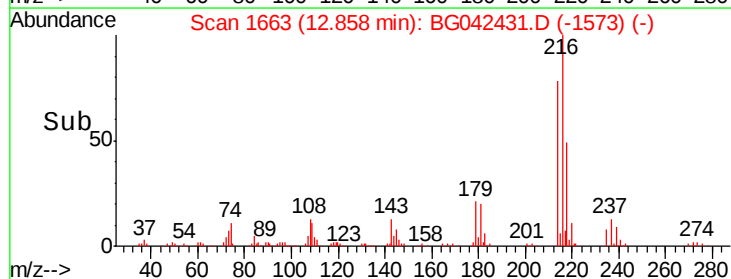
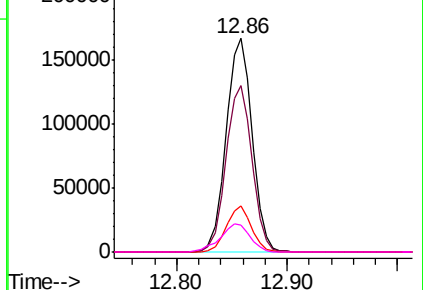


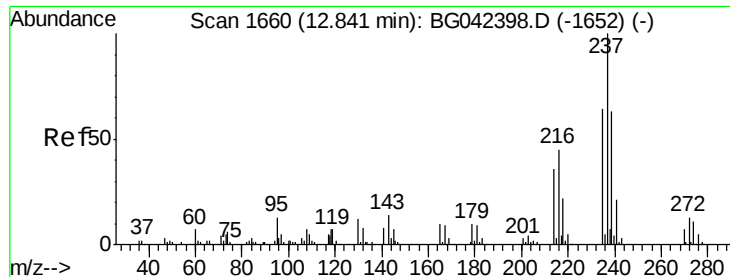
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.572 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

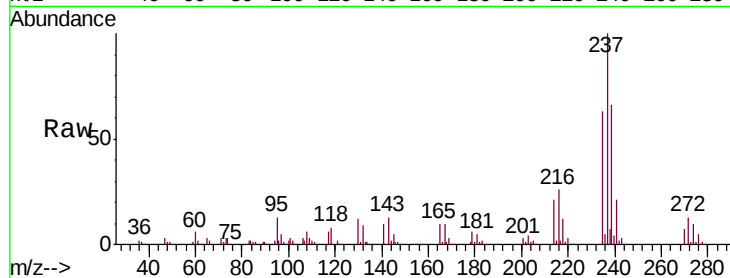
Tot Ion:237 Resp: 326226

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

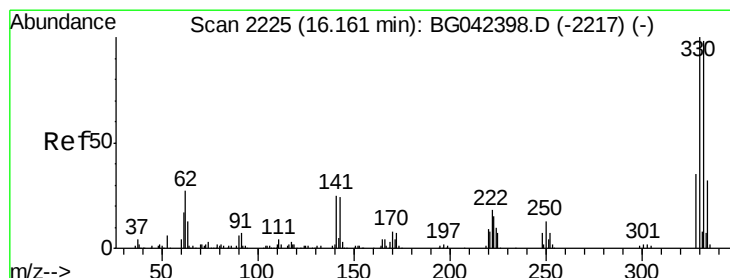
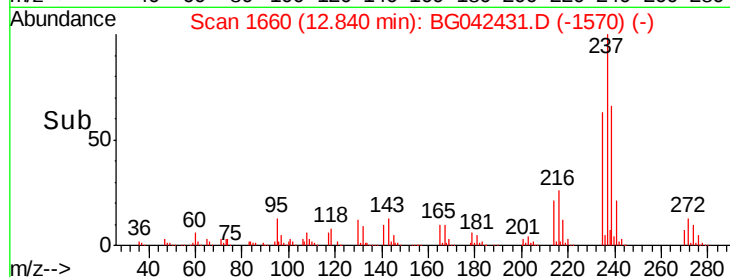
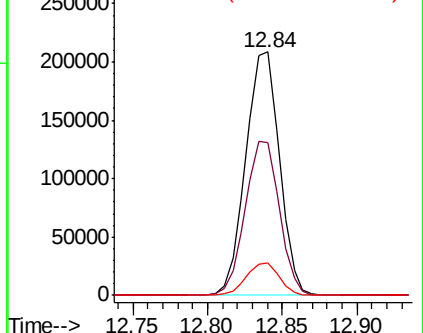
272 13.1 0.0 33.3



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: 91.127 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

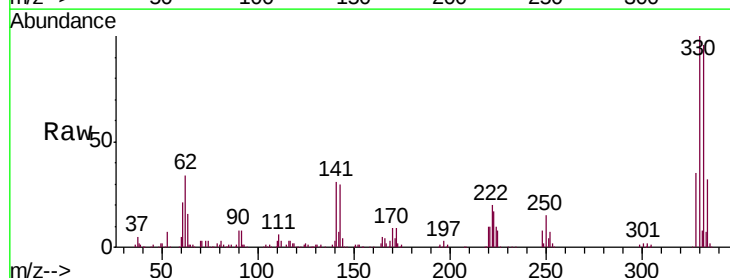
Tgt Ion:330 Resp: 282802

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

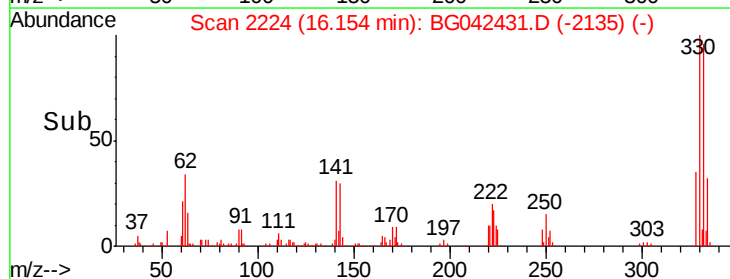
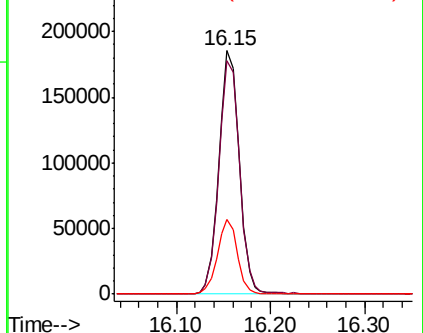
141 30.0 21.4 32.0

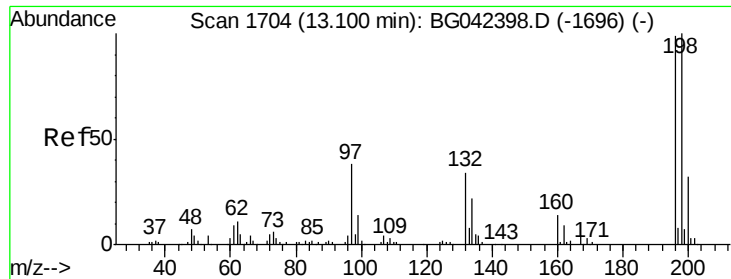


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

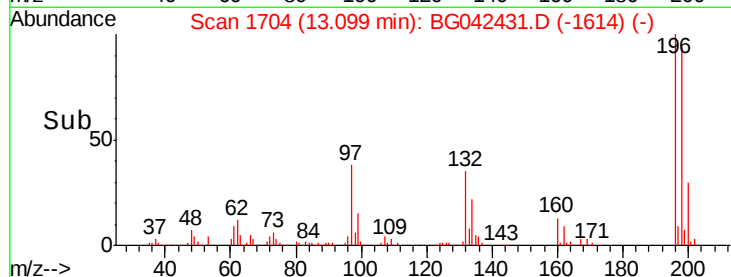
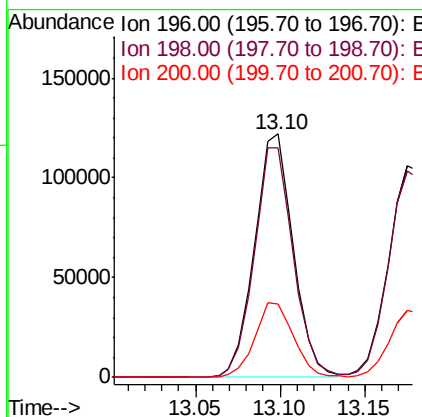
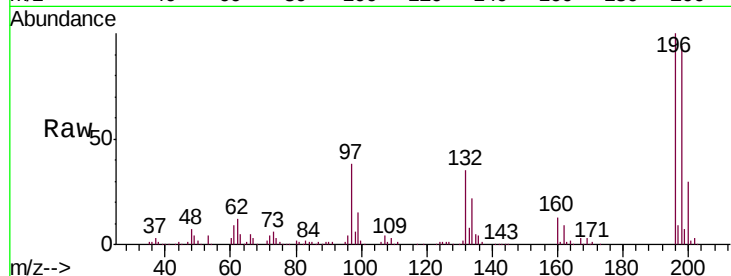




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.729 ng  
 RT: 13.10 min Scan# 1704  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

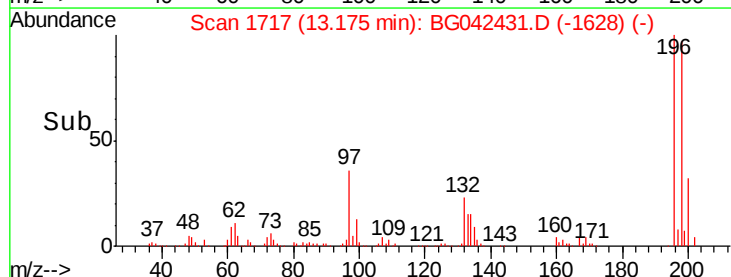
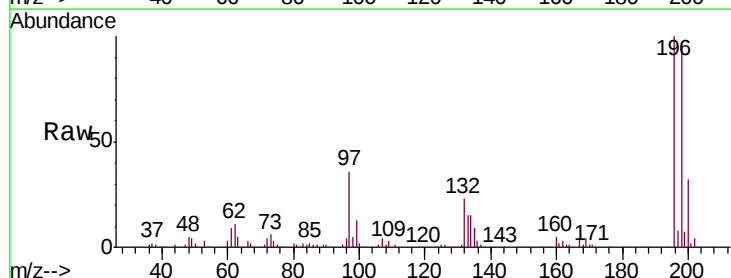
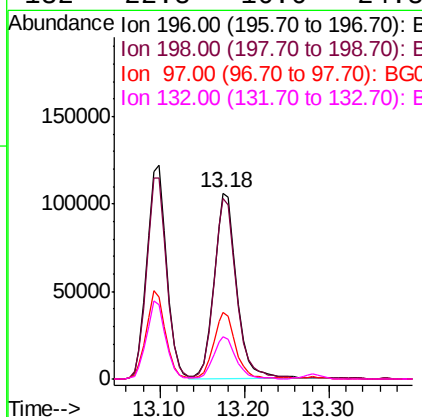
Instrument :  
 BNA\_G  
 ClientSampleId :

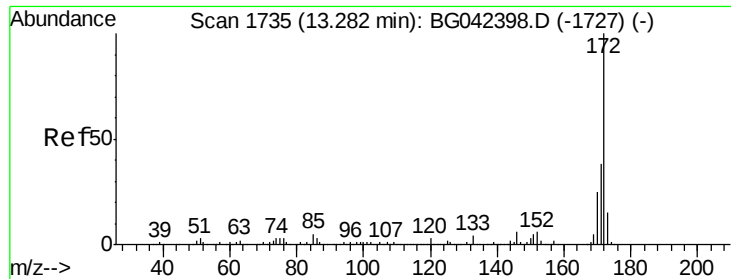
| Tot Ion   | 196   | Resp  | 193035 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.3  | 80.7  | 121.1  |
| 200       | 30.1  | 25.7  | 38.5   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.579 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

| Tgt Ion   | 196   | Resp  | 199300 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.4  | 80.2  | 120.4  |
| 97        | 35.6  | 26.3  | 39.5   |
| 132       | 22.8  | 16.6  | 24.8   |

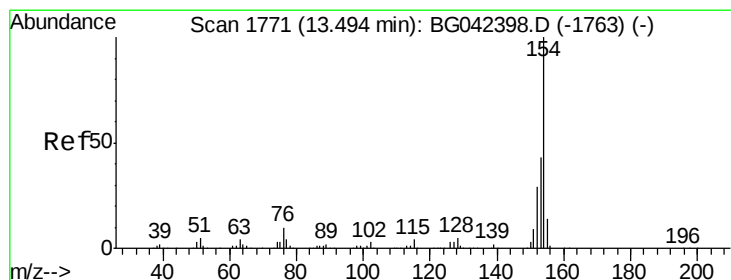
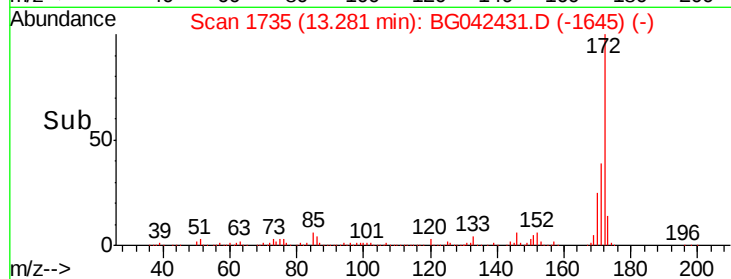
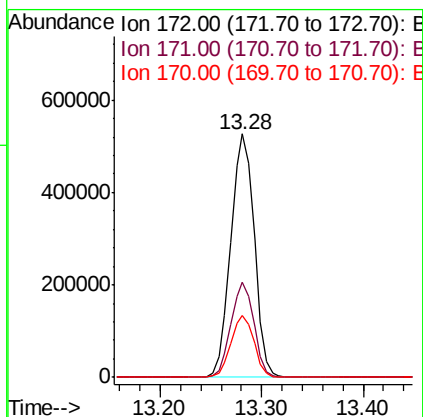
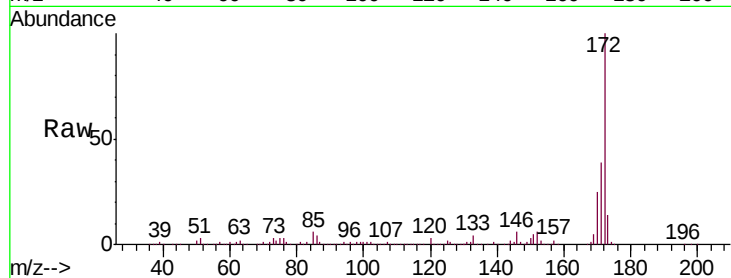




#45  
2-Fluorobiphenyl  
Concen: 65.569 ng  
RT: 13.28 min Scan# 1735  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

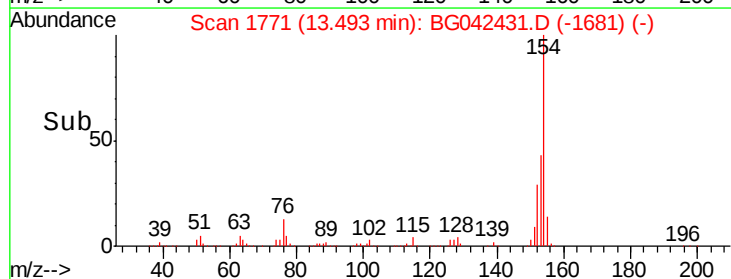
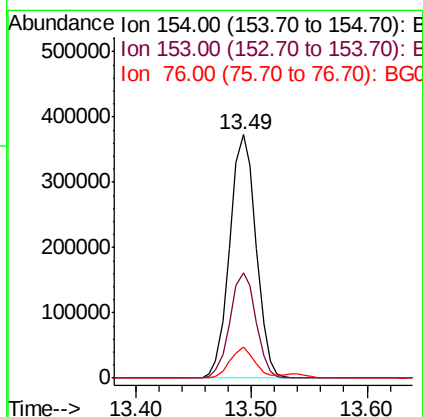
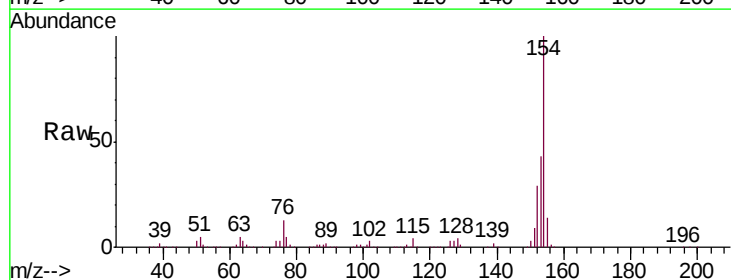
Instrument :  
BNA\_G  
ClientSampleId :

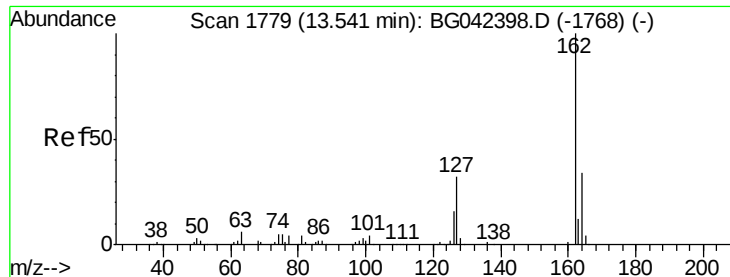
Tot Ion:172 Resp: 846491  
Ion Ratio Lower Upper  
172 100  
171 39.1 30.5 45.7  
170 25.5 20.2 30.2



#46  
1,1'-Biphenyl  
Concen: 41.733 ng  
RT: 13.49 min Scan# 1771  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Tgt Ion:154 Resp: 589014  
Ion Ratio Lower Upper  
154 100  
153 43.3 23.0 63.0  
76 12.5 0.0 29.6





#47

2-Chloronaphthalene

Concen: 38.574 ng

RT: 13.54 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BG042431.D

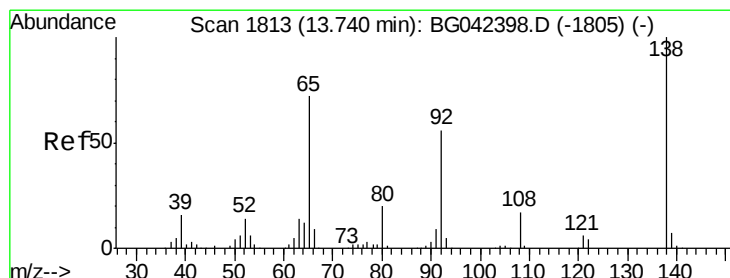
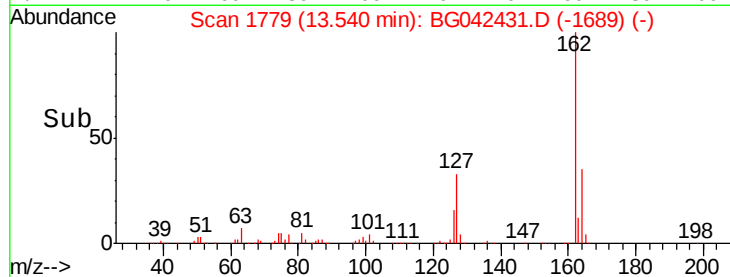
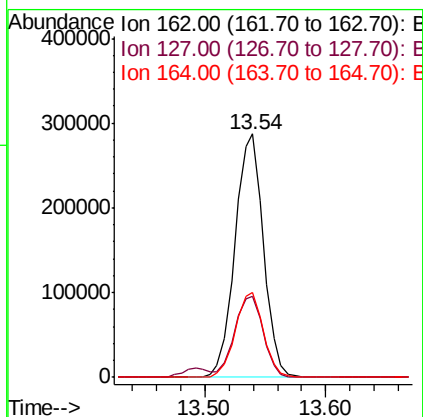
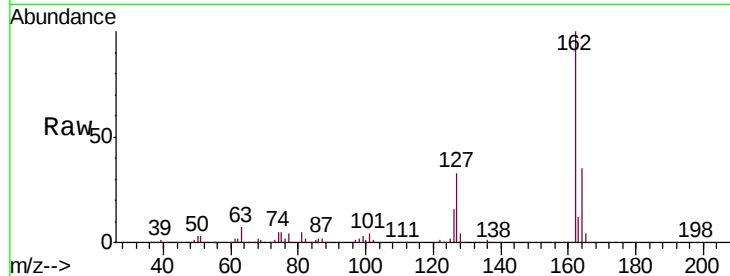
Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 162   | Resp: | 469443 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 33.3  | 26.0  | 39.0   |
| 164      | 34.9  | 27.4  | 41.0   |



#48

2-Nitroaniline

Concen: 38.978 ng

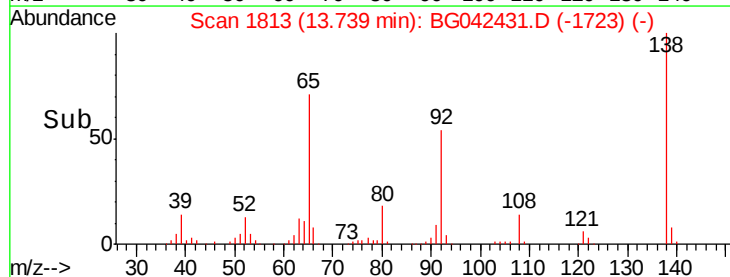
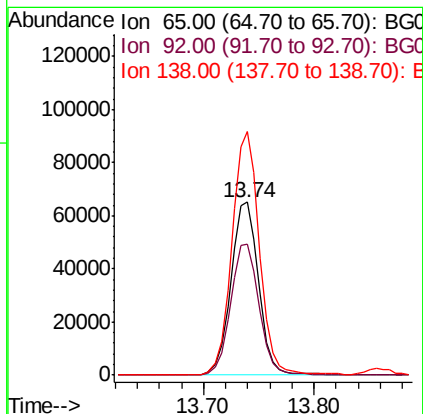
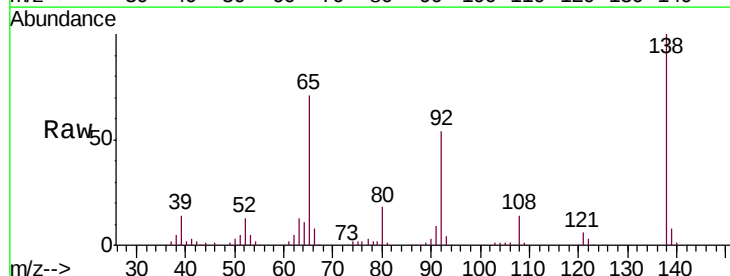
RT: 13.74 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 114388 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 75.9  | 61.8  | 92.6   |
| 138      | 140.9 | 111.0 | 166.6  |





#49

Acenaphthylene

Concen: 43.773 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

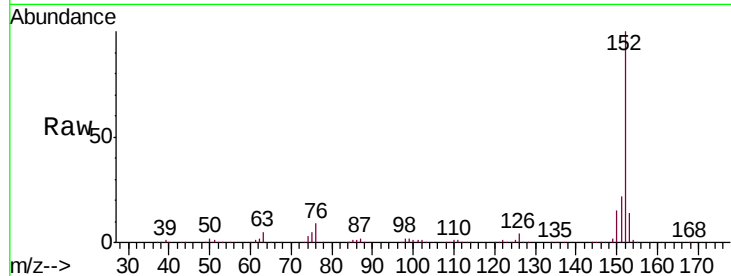
Tot Ion:152 Resp: 801443

Ion Ratio Lower Upper

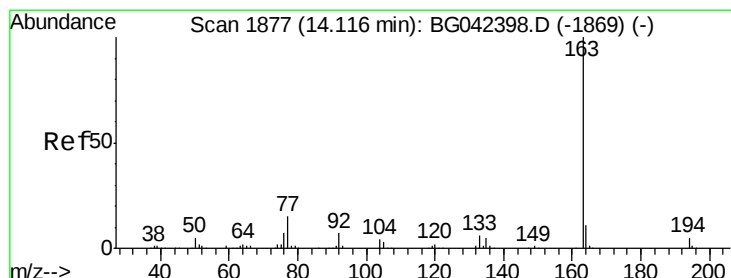
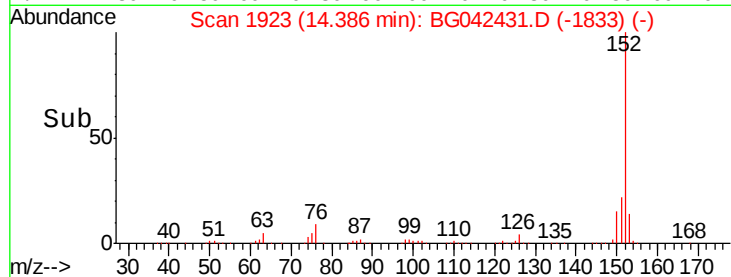
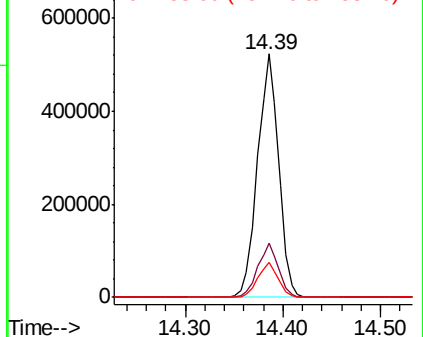
152 100

151 22.1 17.0 25.4

153 14.2 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: 36.939 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

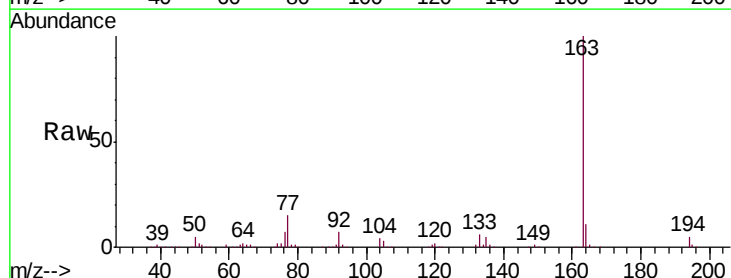
Tgt Ion:163 Resp: 581949

Ion Ratio Lower Upper

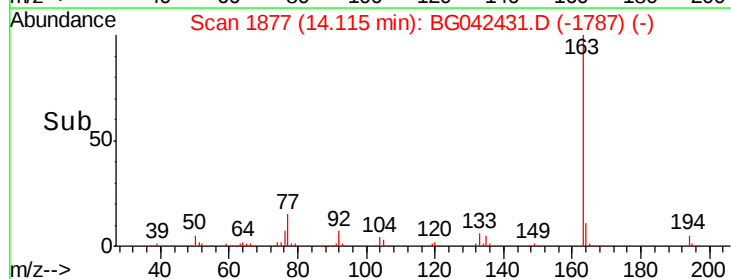
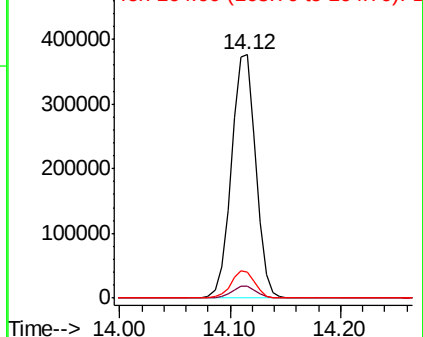
163 100

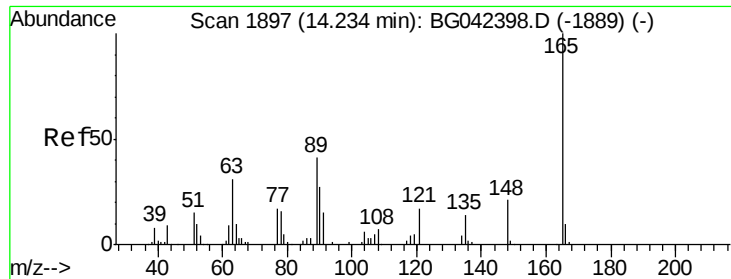
194 4.9 4.2 6.2

164 10.8 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

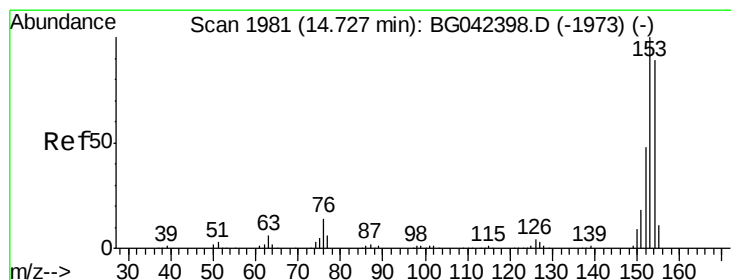
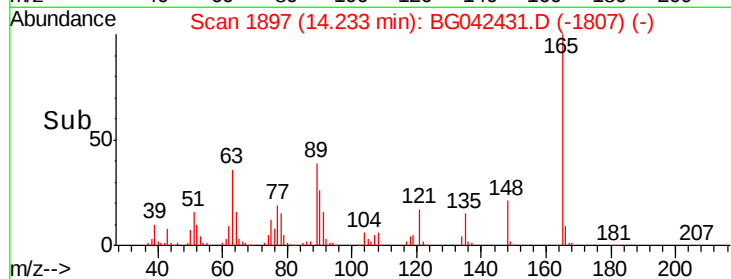
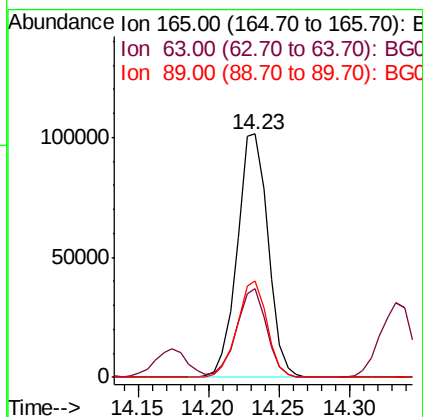
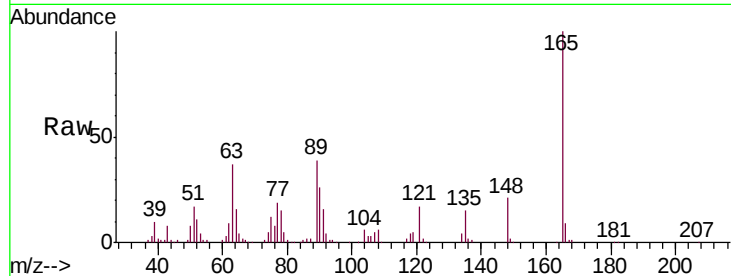




#51  
 2,6-Dinitrotoluene  
 Concen: 42.372 ng  
 RT: 14.23 min Scan# 1897  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

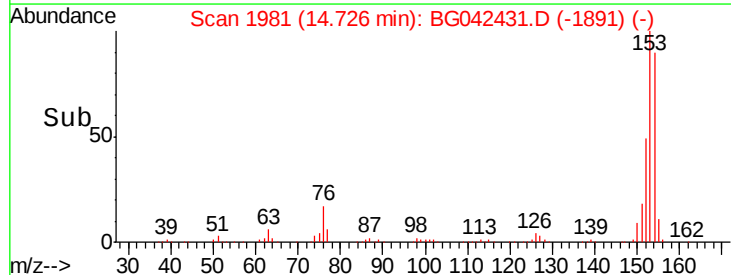
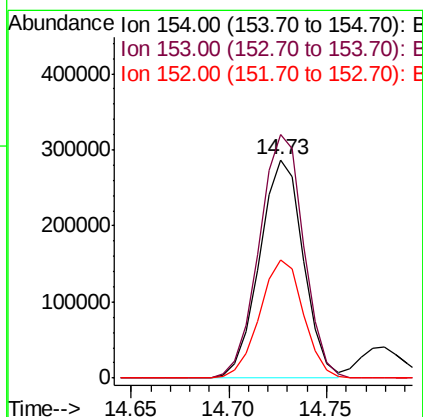
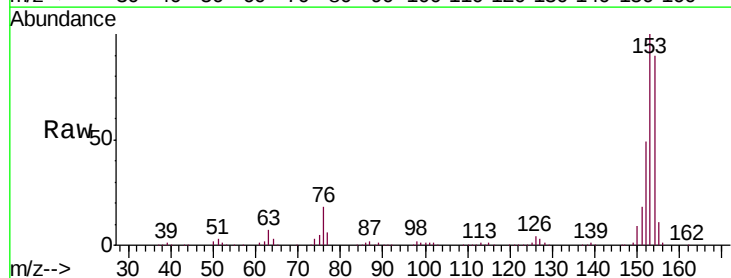
Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:165 Resp: 154731  
 Ion Ratio Lower Upper  
 165 100  
 63 36.6 30.6 45.8  
 89 39.3 32.6 49.0



#52  
 Acenaphthene  
 Concen: 40.071 ng  
 RT: 14.73 min Scan# 1981  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

Tgt Ion:154 Resp: 445488  
 Ion Ratio Lower Upper  
 154 100  
 153 111.5 90.2 135.4  
 152 54.4 43.2 64.8

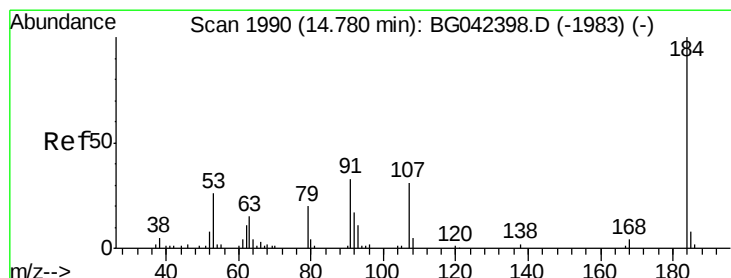
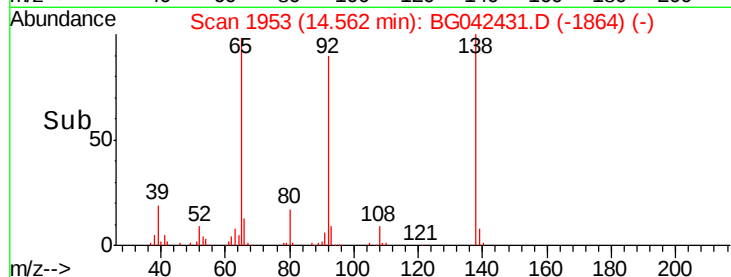
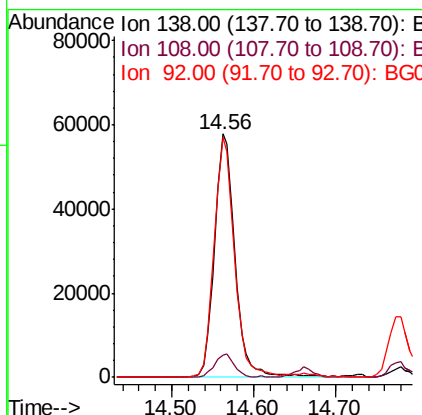
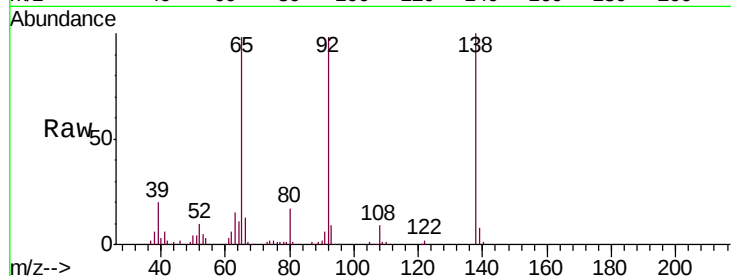




#53  
3-Nitroaniline  
Concen: 27.639 ng  
RT: 14.56 min Scan# 1953  
Delta R.T. -0.01 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

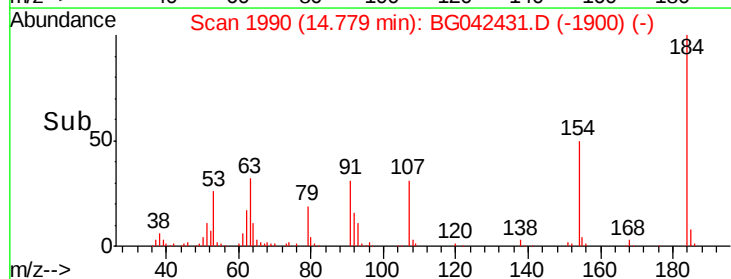
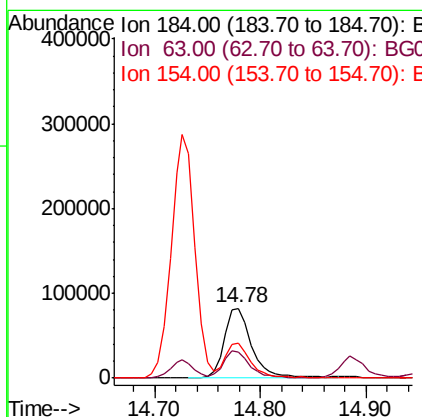
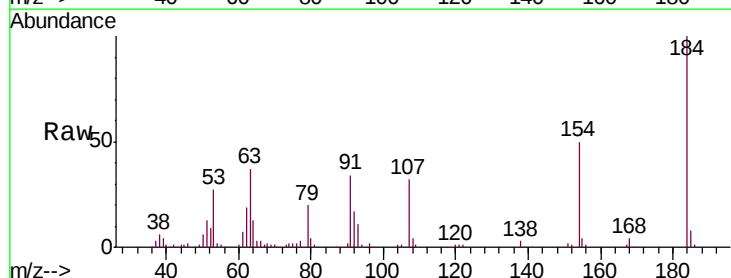
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:138 Resp: 100939  
Ion Ratio Lower Upper  
138 100  
108 9.1 8.3 12.5  
92 98.4 78.2 117.4



#54  
2,4-Dinitrophenol  
Concen: 62.076 ng  
RT: 14.78 min Scan# 1990  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Tgt Ion:184 Resp: 149060  
Ion Ratio Lower Upper  
184 100  
63 37.2 31.7 47.5  
154 49.6 42.0 63.0

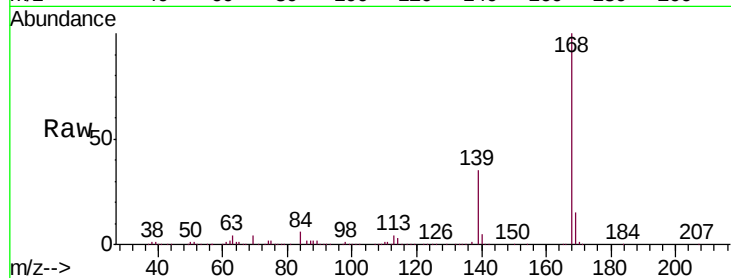




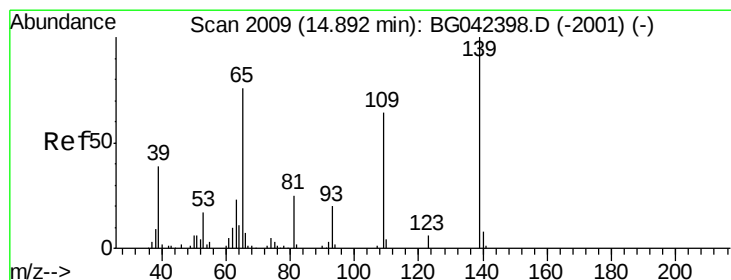
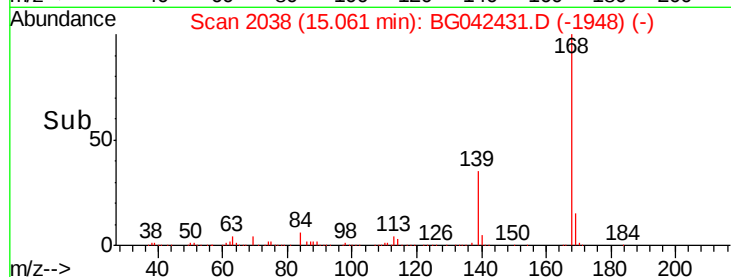
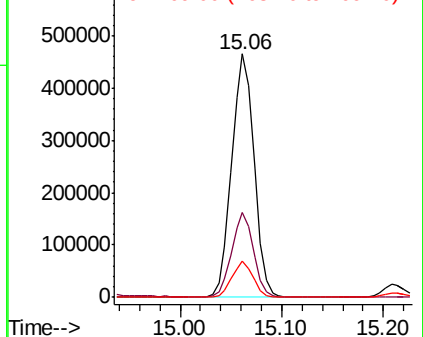
#55  
Dibenzenofuran  
Concen: 38.715 ng  
RT: 15.06 min Scan# 2038  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:168 Resp: 712462  
Ion Ratio Lower Upper  
168 100  
139 34.6 27.2 40.8  
169 15.0 11.5 17.3

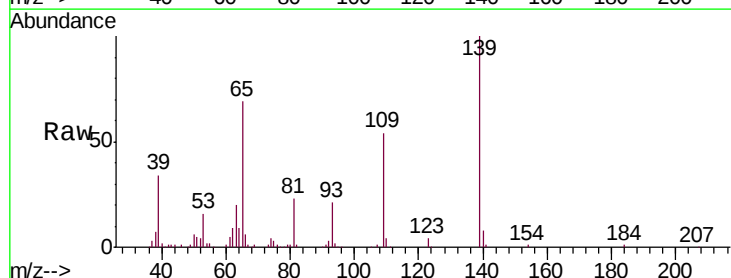


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

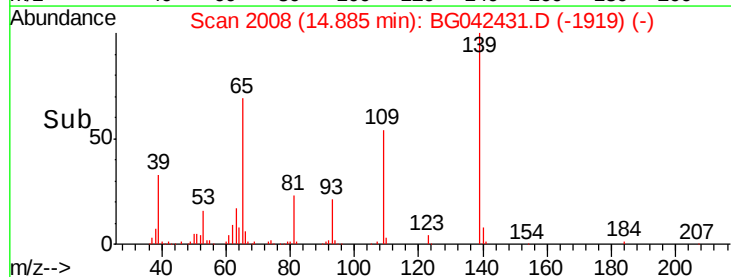
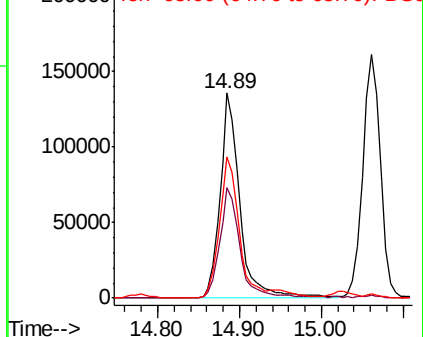


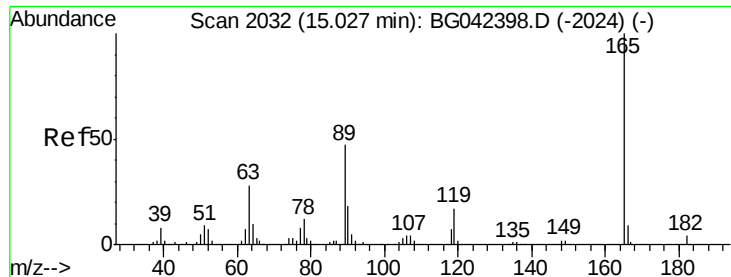
#56  
4-Nitrophenol  
Concen: 88.212 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Tgt Ion:139 Resp: 228915  
Ion Ratio Lower Upper  
139 100  
109 54.1 43.9 83.9  
65 68.9 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

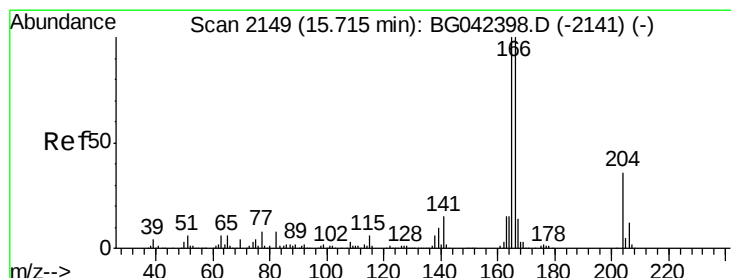
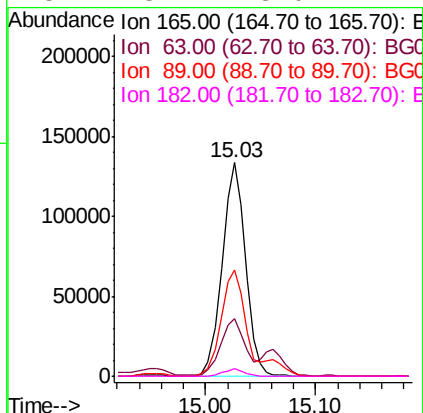
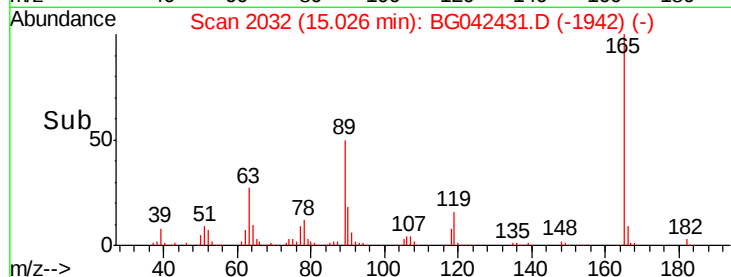
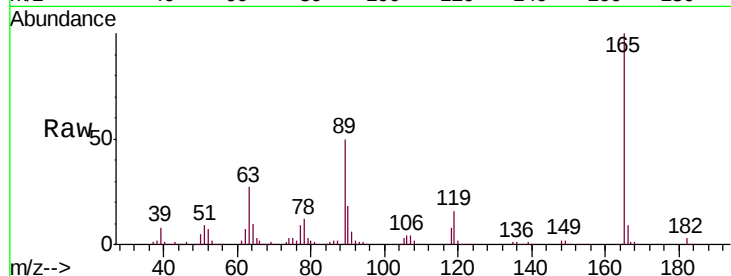




#57  
2,4-Dinitrotoluene  
Concen: 37.644 ng  
RT: 15.03 min Scan# 2032  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

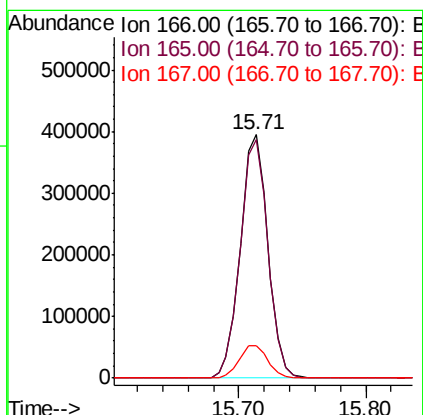
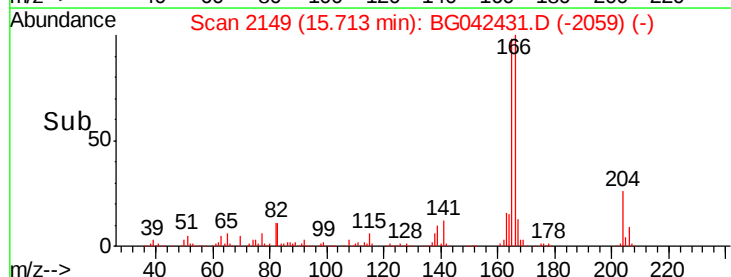
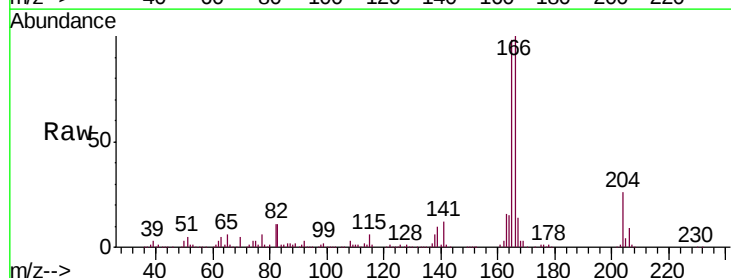
Instrument :  
BNA\_G  
ClientSampleId :

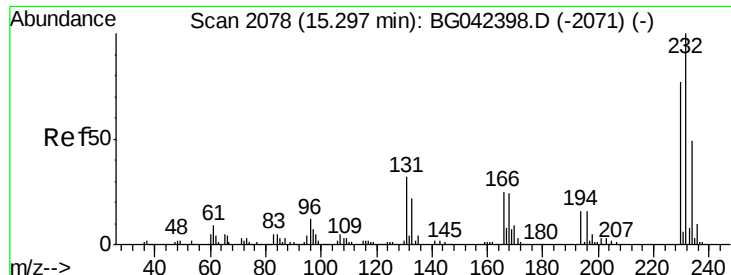
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 196845    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 27.0  | 22.5 33.7 |
| 89          | 49.5  | 37.8 56.6 |
| 182         | 3.4   | 3.0 4.4   |



#58  
Fluorene  
Concen: 39.429 ng  
RT: 15.71 min Scan# 2149  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 593142     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 97.8  | 79.7 119.5 |
| 167         | 13.5  | 10.9 16.3  |

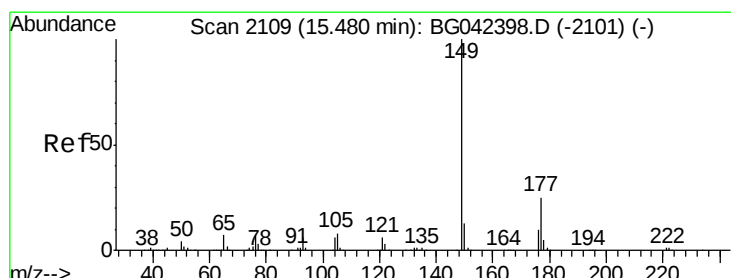
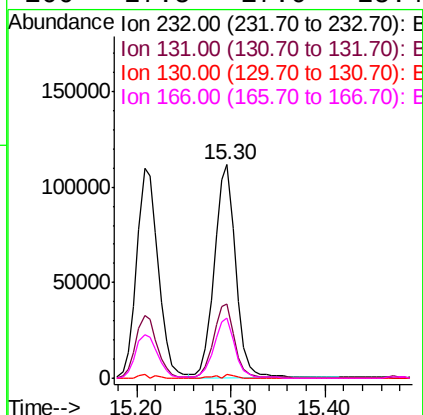
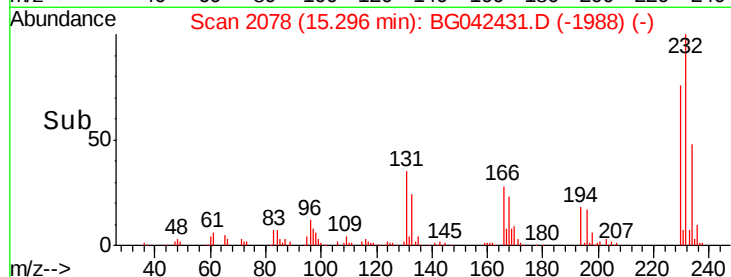
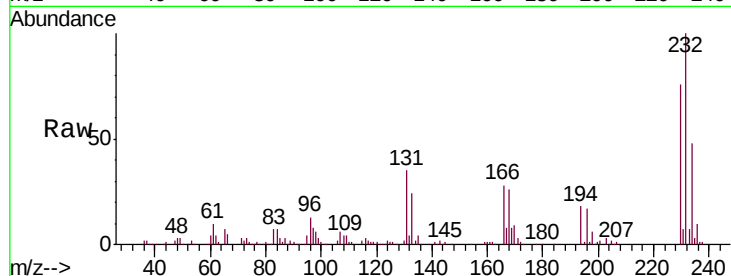




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.614 ng  
RT: 15.30 min Scan# 2078  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

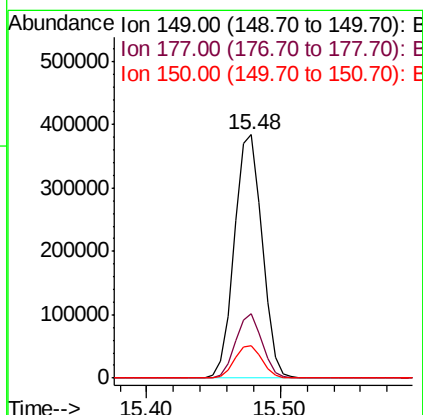
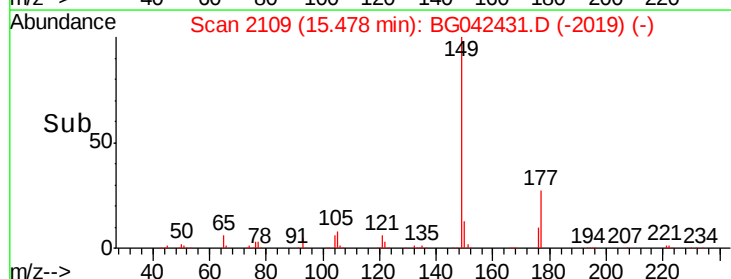
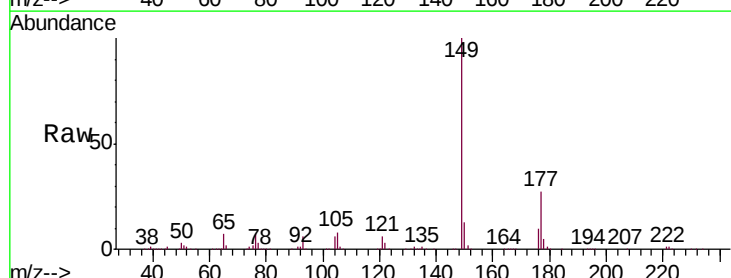
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:232 Resp: 177836  
Ion Ratio Lower Upper  
232 100  
131 34.3 22.9 34.3  
130 0.9 1.4 2.0#  
166 27.5 17.0 25.4#



#60  
Diethylphthalate  
Concen: 36.040 ng  
RT: 15.48 min Scan# 2109  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Tgt Ion:149 Resp: 555034  
Ion Ratio Lower Upper  
149 100  
177 26.6 20.4 30.6  
150 13.5 10.3 15.5

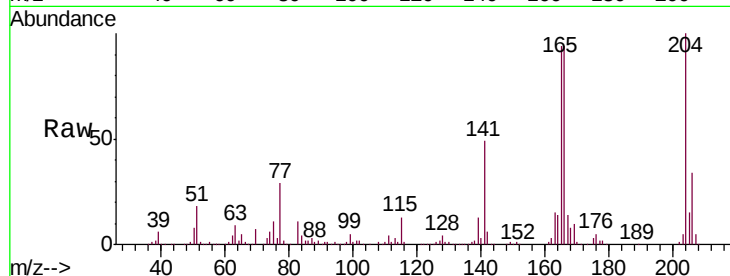




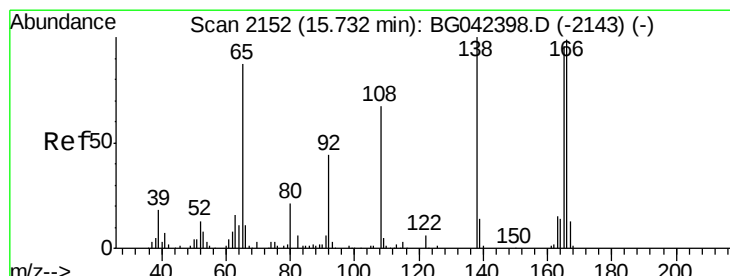
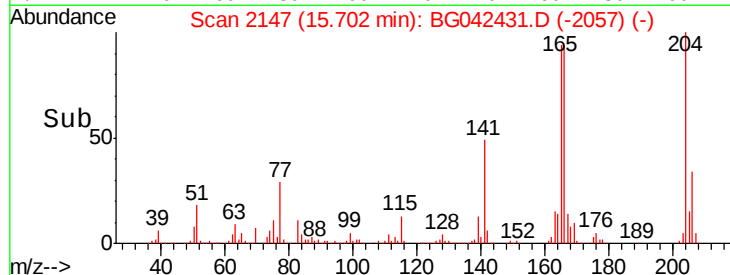
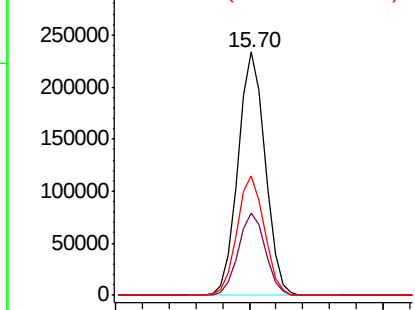
#61  
 4-Chlorophenyl-phenylether  
 Concen: 36.200 ng  
 RT: 15.70 min Scan# 2147  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:204 Resp: 328269  
 Ion Ratio Lower Upper  
 204 100  
 206 33.9 27.2 40.8  
 141 48.8 38.7 58.1

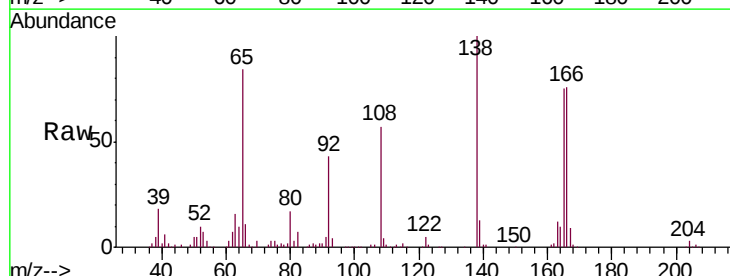


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

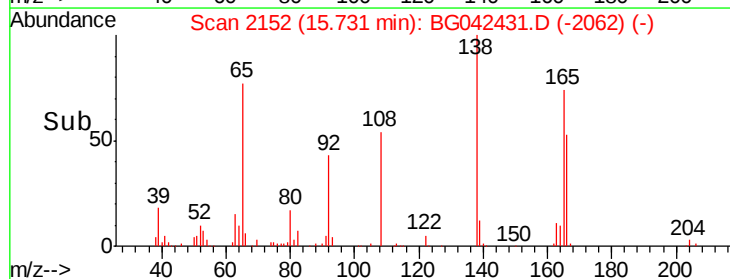
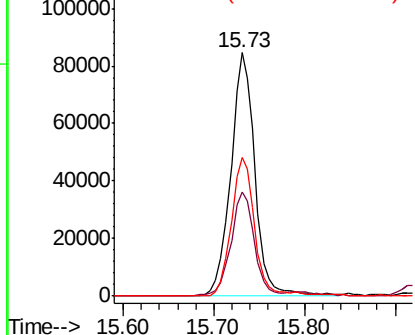


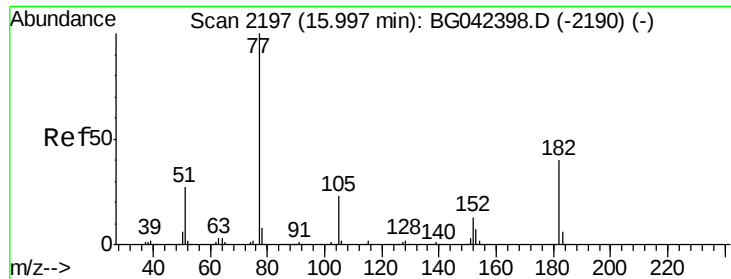
#62  
 4-Nitroaniline  
 Concen: 40.228 ng  
 RT: 15.73 min Scan# 2152  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

Tgt Ion:138 Resp: 157234  
 Ion Ratio Lower Upper  
 138 100  
 92 42.6 24.2 64.2  
 108 57.2 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

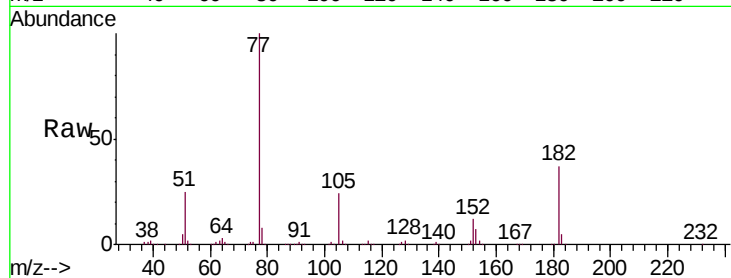




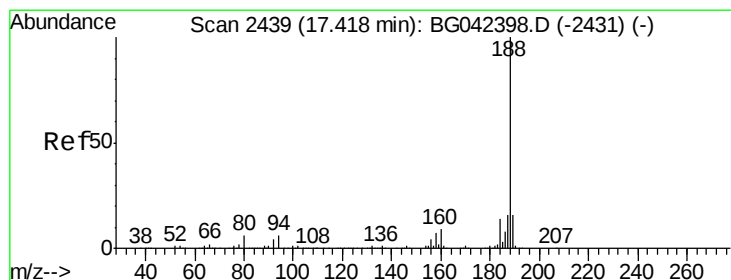
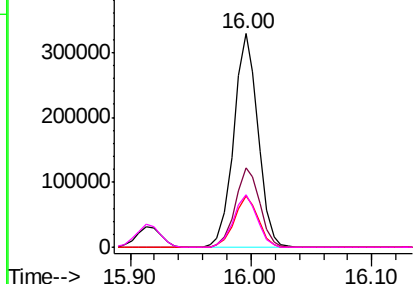
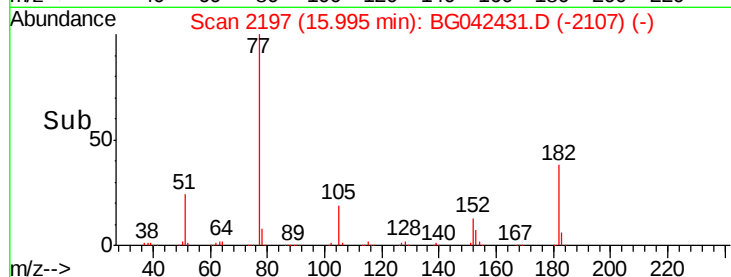
#63  
Azobenzene  
Concen: 43.360 ng  
RT: 16.00 min Scan# 2197  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 457567 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 37.3  | 19.9  | 59.9   |
| 105      | 24.3  | 2.9   | 42.9   |
| 51       | 24.7  | 7.6   | 47.6   |

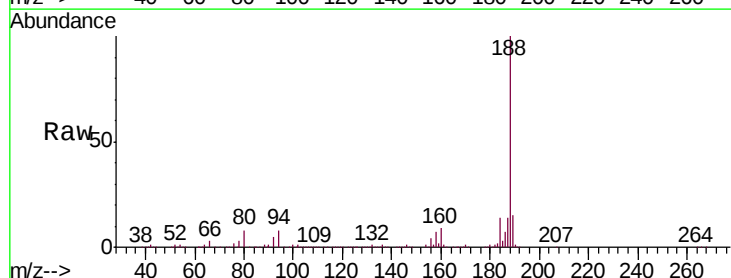


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BGC

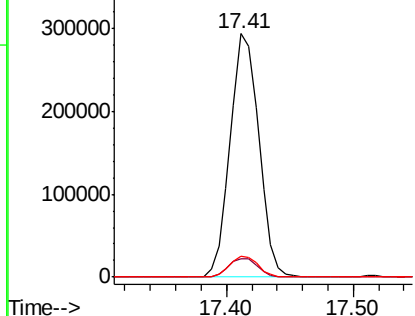
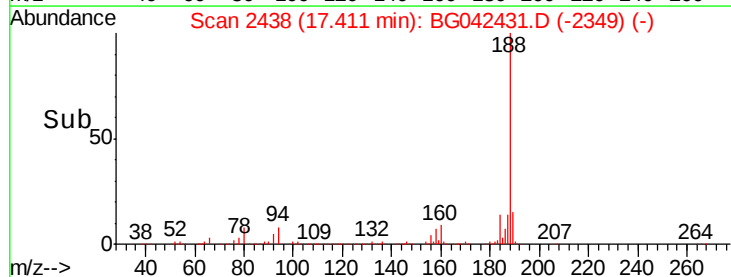


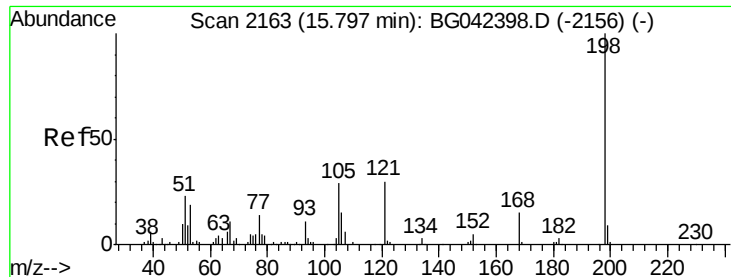
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2438  
Delta R.T. -0.01 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 460593 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 7.8   | 4.5   | 6.7#   |
| 80       | 8.4   | 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: 43.632 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

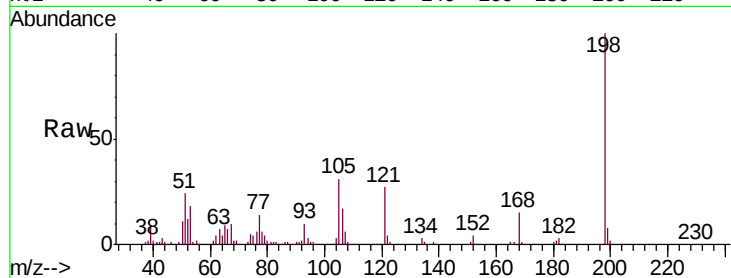
Tot Ion:198 Resp: 125998

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 24.0  | 4.2   | 44.2  |
| 105 | 30.6  | 8.8   | 48.8  |

198 100

51 24.0 4.2 44.2

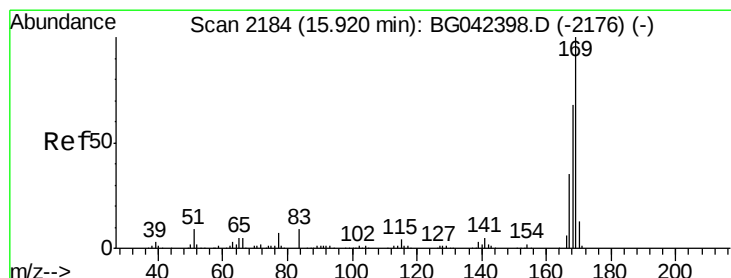
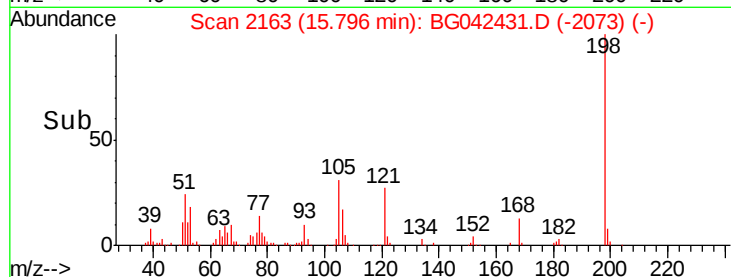
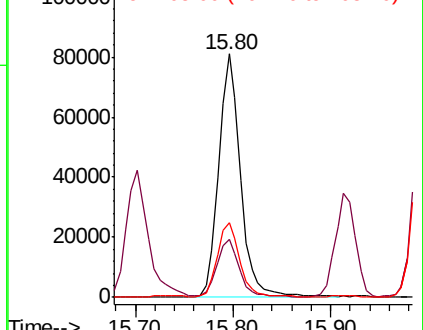
105 30.6 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.518 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

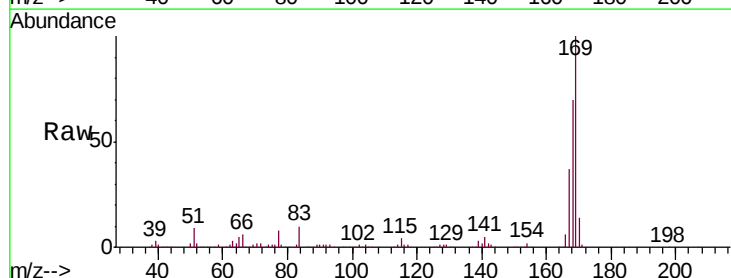
Tgt Ion:169 Resp: 551226

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 69.7  | 54.3  | 81.5  |
| 167 | 37.4  | 28.2  | 42.2  |

169 100

168 69.7 54.3 81.5

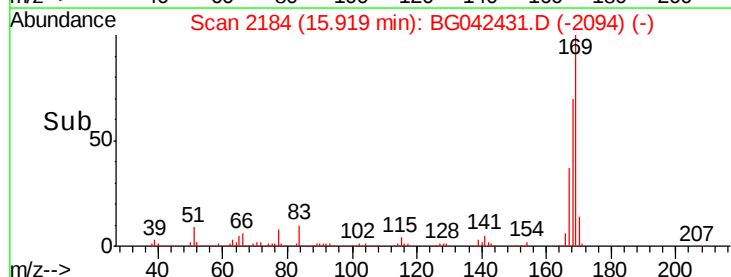
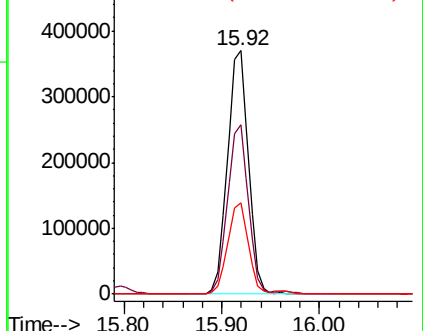
167 37.4 28.2 42.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

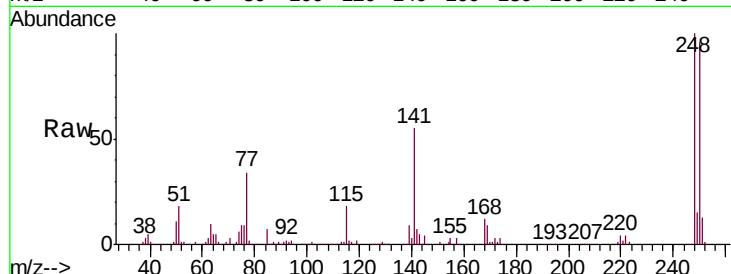




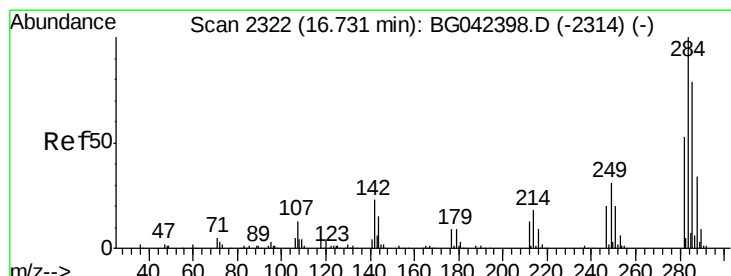
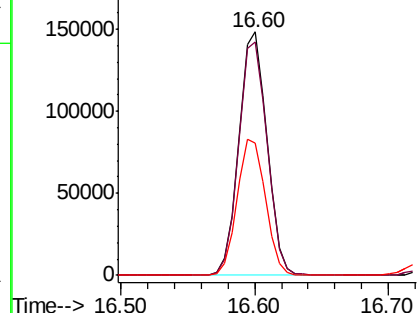
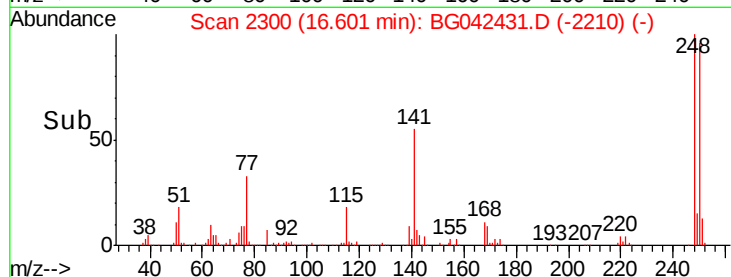
#67  
 4-Bromophenyl-phenylether  
 Concen: 36.989 ng  
 RT: 16.60 min Scan# 2300  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.1  | 78.9  | 118.3 |
| 141     | 54.5  | 43.3  | 64.9  |

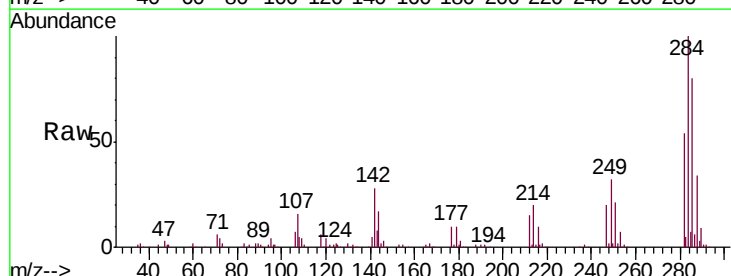


Abundance Ion 248.00 (247.70 to 248.70): E  
 200000 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

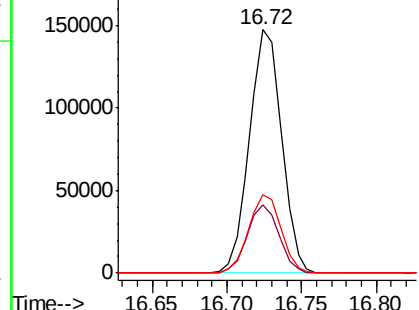
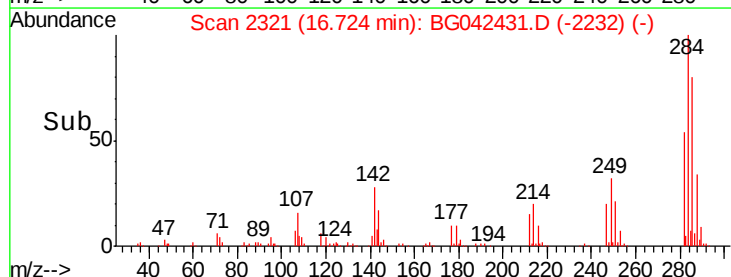


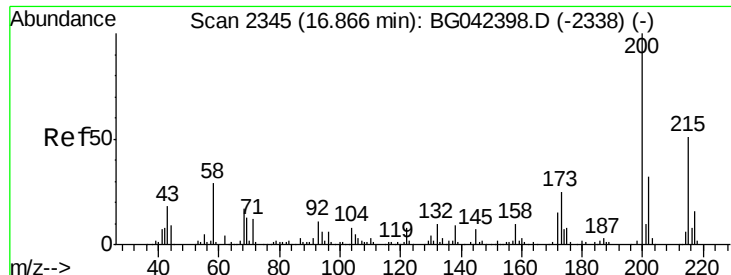
#68  
 Hexachlorobenzene  
 Concen: 34.633 ng  
 RT: 16.72 min Scan# 2321  
 Delta R.T. -0.01 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.9  | 18.2  | 27.4# |
| 249     | 32.3  | 25.0  | 37.4  |



Abundance Ion 283.80 (283.50 to 284.50): E  
 200000 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.173 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

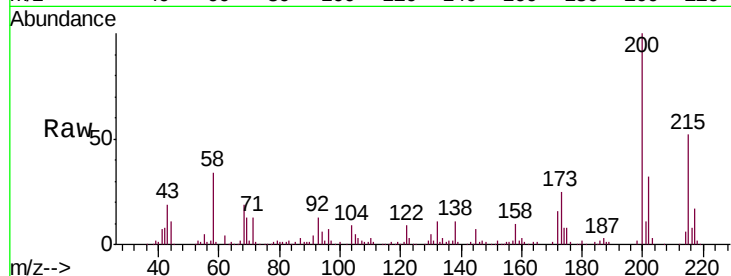
Tot Ion:200 Resp: 184426

Ion Ratio Lower Upper

200 100

173 24.8 4.9 44.9

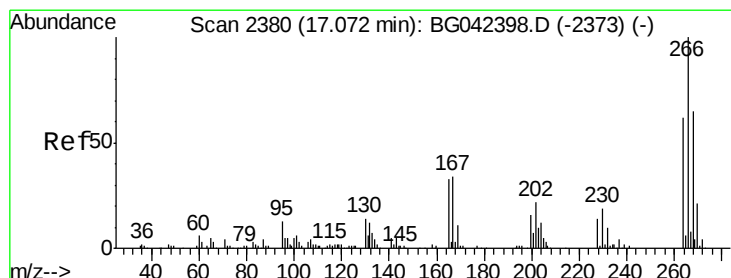
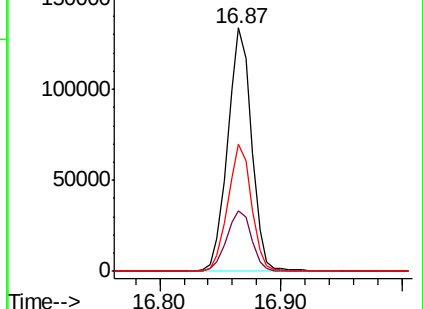
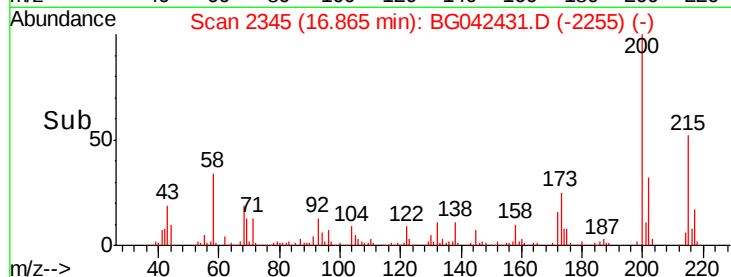
215 52.0 30.7 70.7



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: 80.698 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

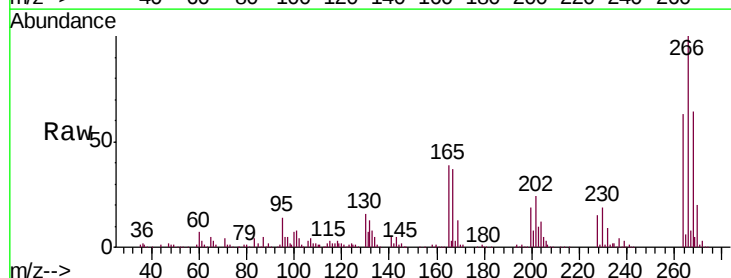
Tgt Ion:266 Resp: 266295

Ion Ratio Lower Upper

266 100

268 64.2 52.1 78.1

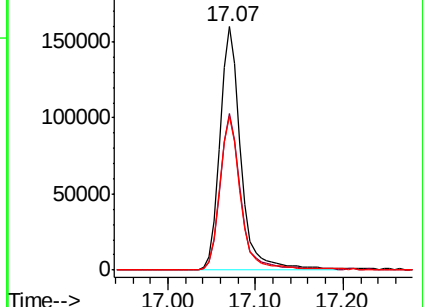
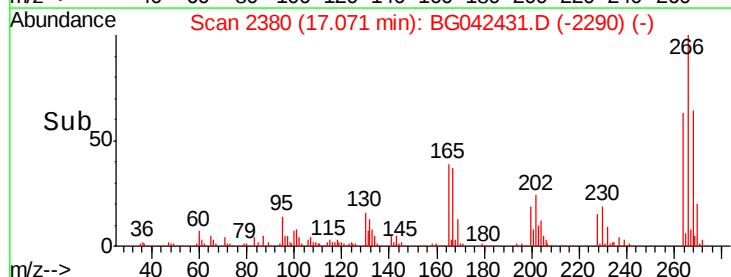
264 63.3 49.4 74.2



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: 42.414 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampled :

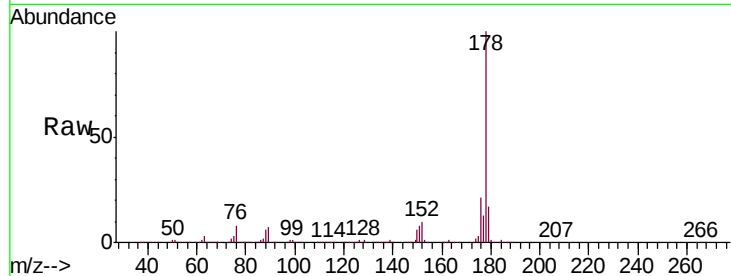
Tot Ion:178 Resp: 970360

Ion Ratio Lower Upper

178 100

176 20.7 15.9 23.9

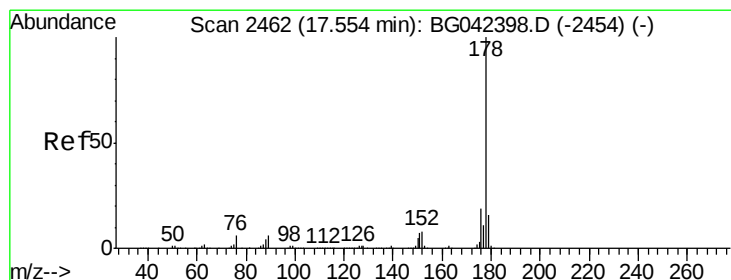
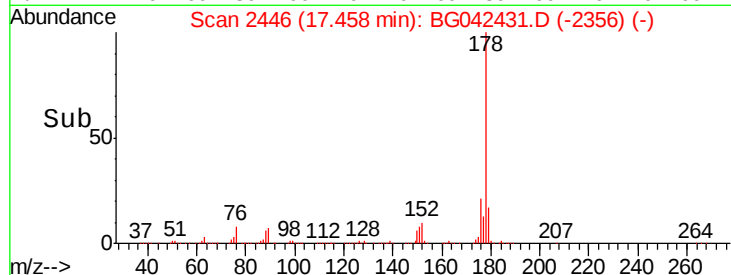
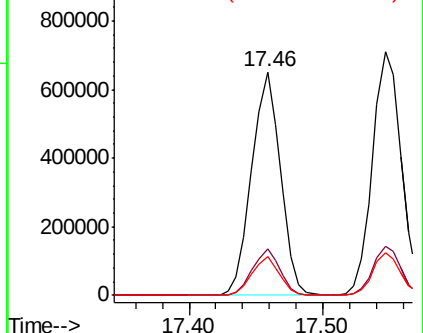
179 17.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.364 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

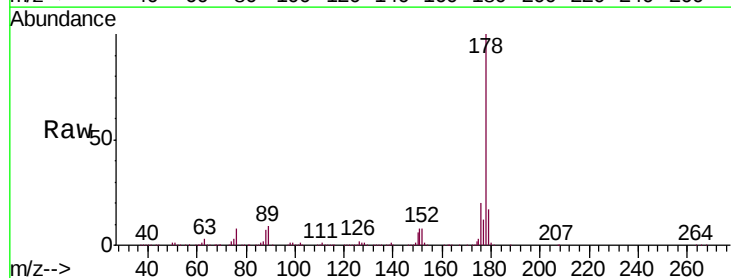
Tgt Ion:178 Resp: 1058921

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

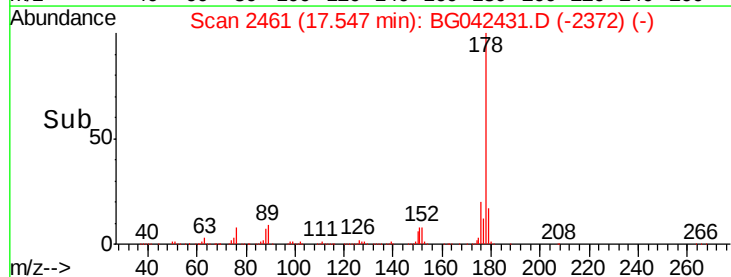
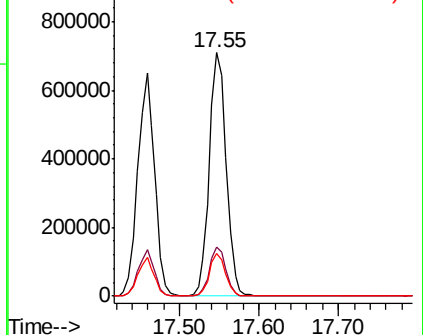
179 17.5 12.9 19.3

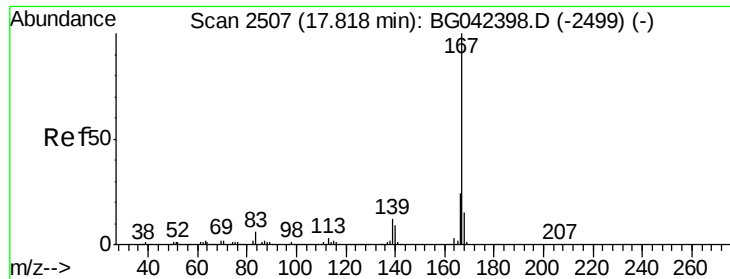


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

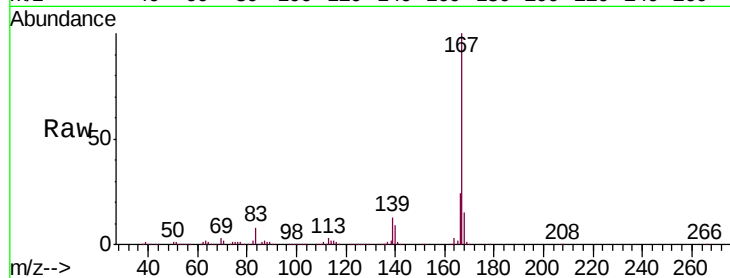




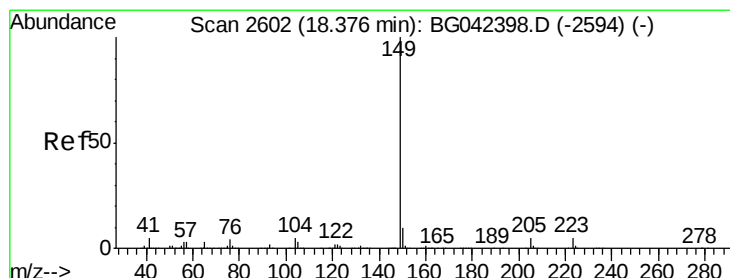
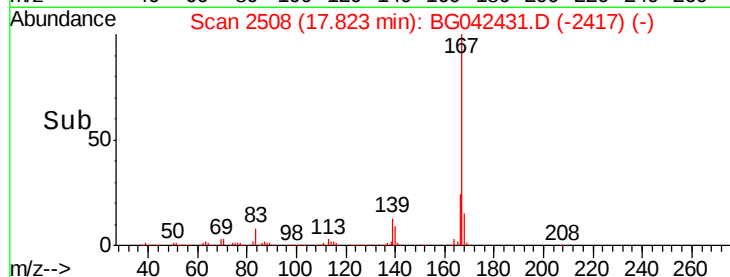
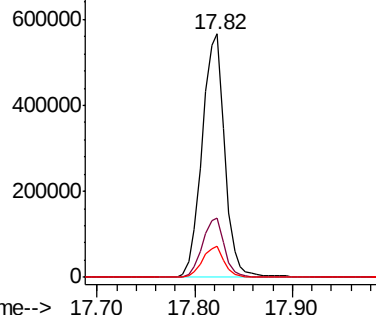
#73  
 Carbazole  
 Concen: 44.783 ng  
 RT: 17.82 min Scan# 2508  
 Delta R.T. 0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.2  | 18.9  | 28.3  |
| 139     | 12.7  | 9.8   | 14.6  |

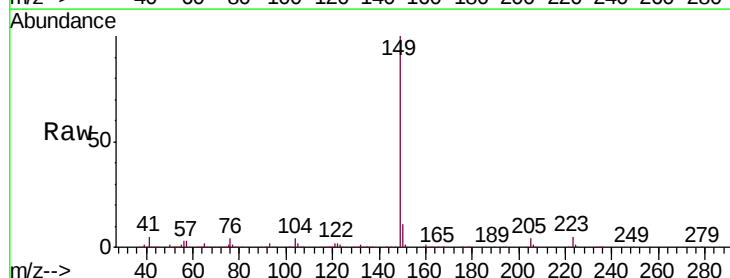


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

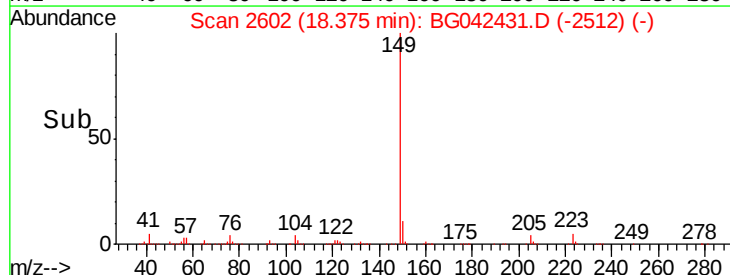
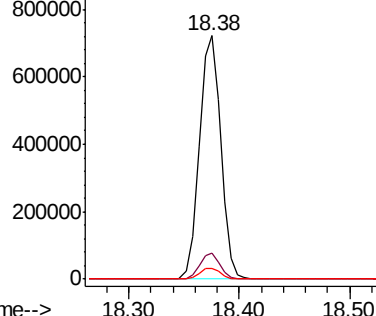


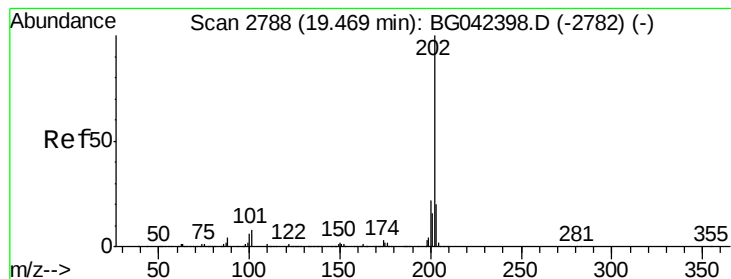
#74  
 Di-n-butylphthalate  
 Concen: 40.781 ng  
 RT: 18.38 min Scan# 2602  
 Delta R.T. -0.00 min  
 Lab File: BG042431.D  
 Acq: 23 Aug 2019 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.6  | 8.1   | 12.1  |
| 104     | 4.4   | 3.7   | 5.5   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.320 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

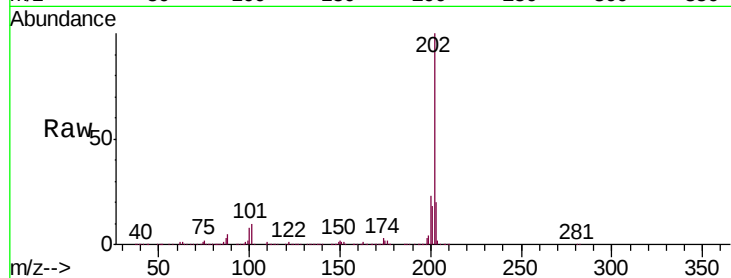
Tot Ion:202 Resp: 1153706

Ion Ratio Lower Upper

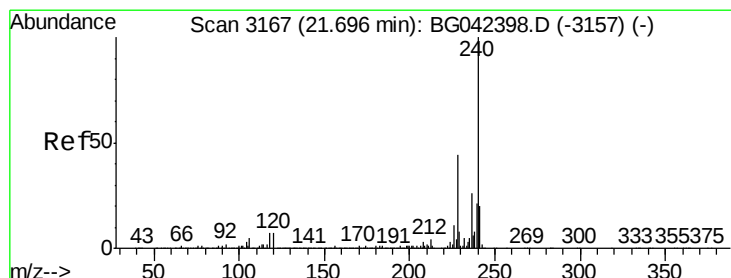
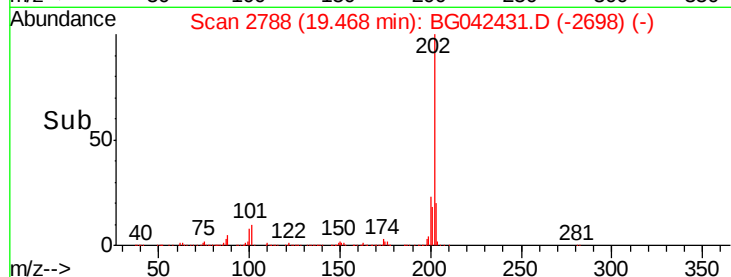
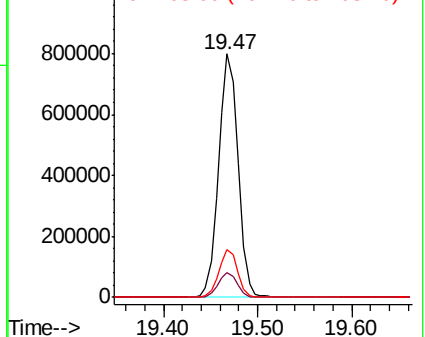
202 100

101 10.3 0.0 28.3

203 19.9 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: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

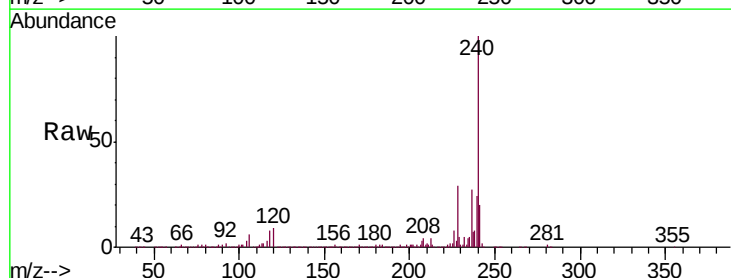
Tgt Ion:240 Resp: 455485

Ion Ratio Lower Upper

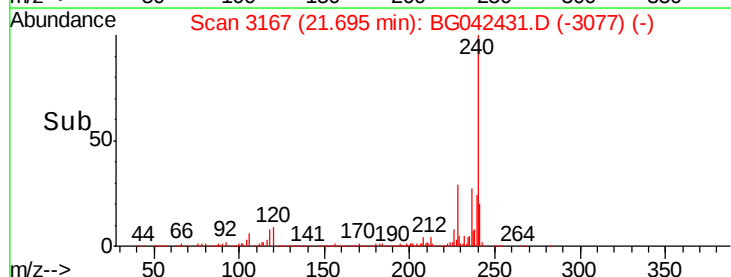
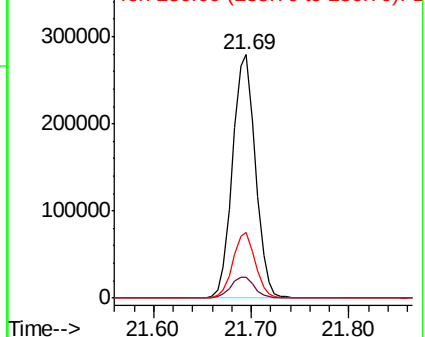
240 100

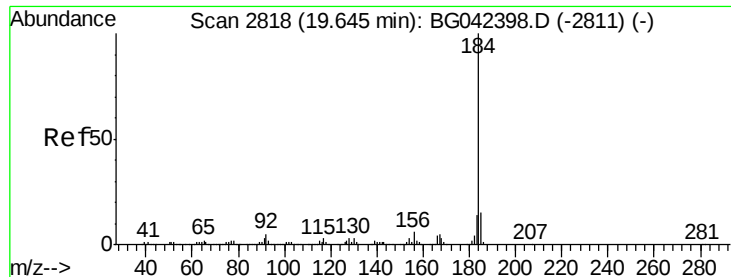
120 8.7 5.7 8.5#

236 27.0 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: 55.838 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

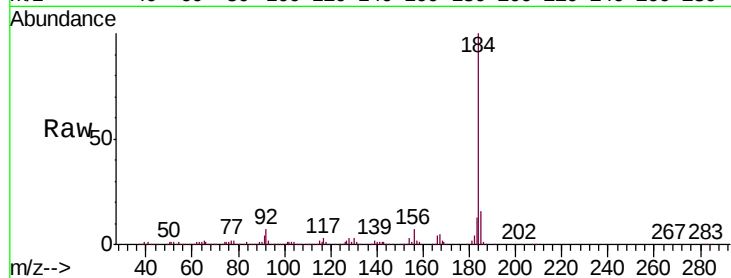
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:184 Resp: 729181

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.9  | 12.2  | 18.4  |
| 183 | 13.5  | 10.8  | 16.2  |

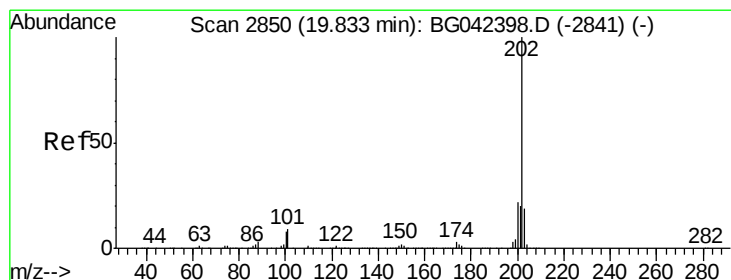
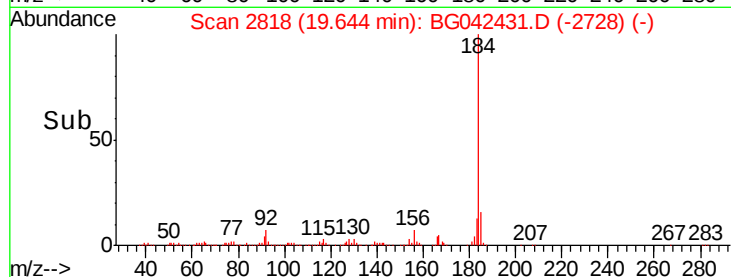
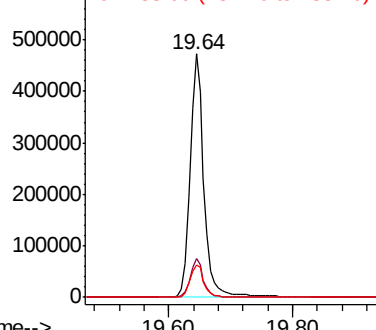


Abundance

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: 41.471 ng

RT: 19.83 min Scan# 2850

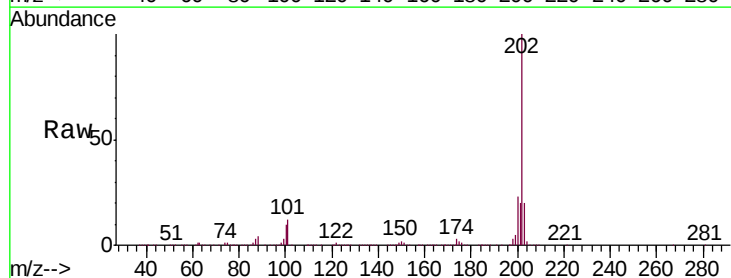
Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:202 Resp: 1158109

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.2  | 17.8  | 26.6  |
| 203 | 19.6  | 15.5  | 23.3  |

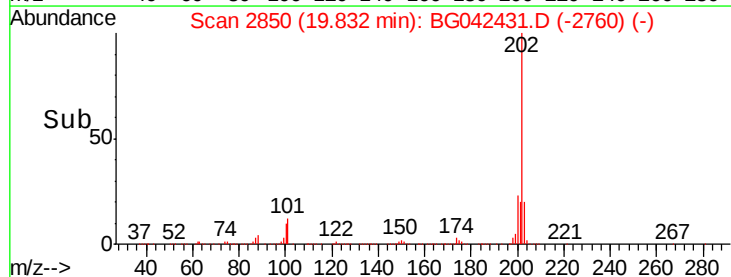
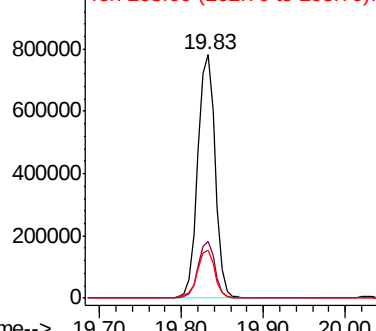


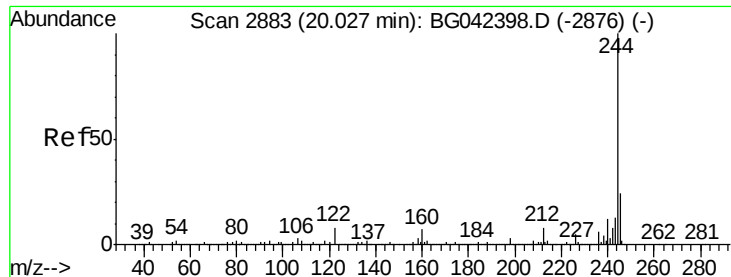
Abundance

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: 65.544 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampled :

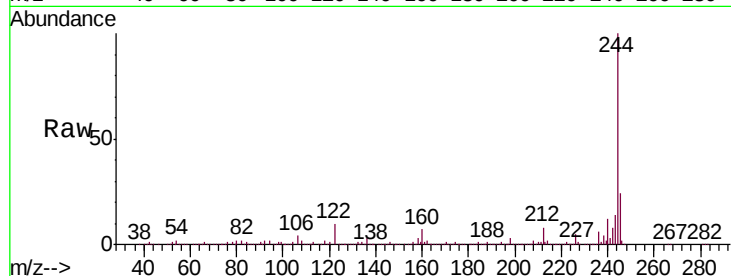
Tot Ion:244 Resp: 1380925

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

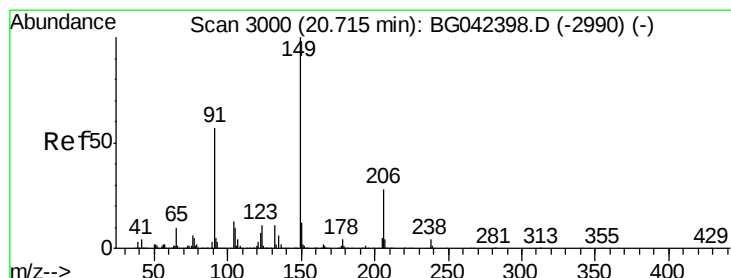
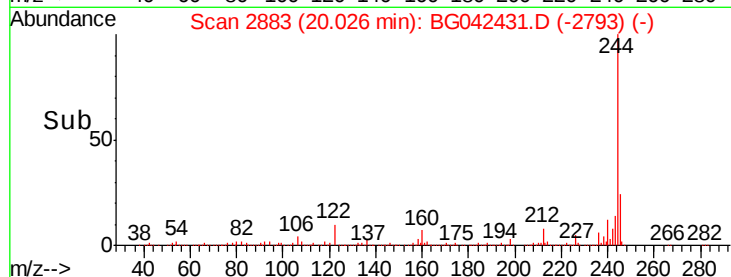
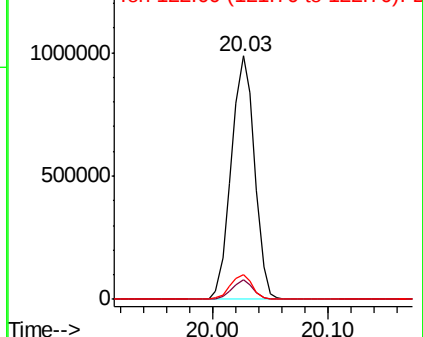
122 10.3 6.7 10.1#



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: 45.039 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

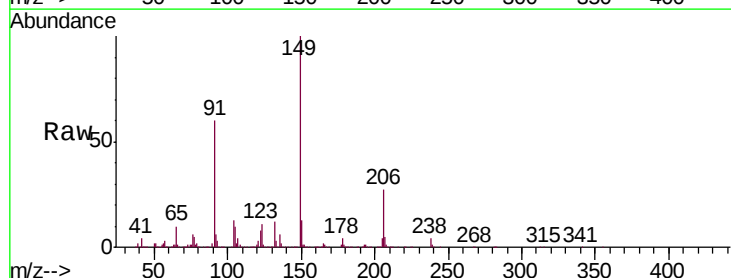
Tgt Ion:149 Resp: 494694

Ion Ratio Lower Upper

149 100

91 60.1 45.9 68.9

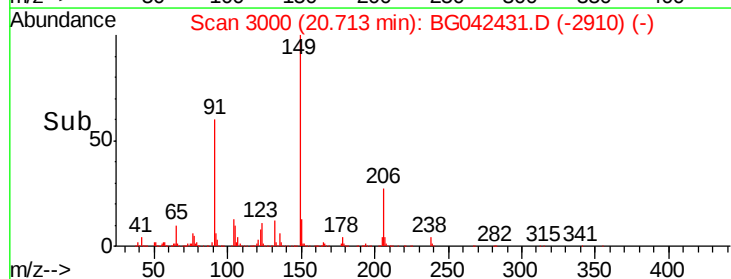
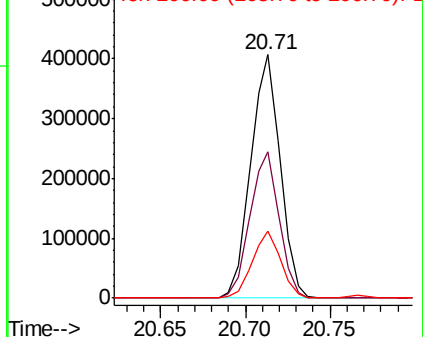
206 27.3 22.5 33.7

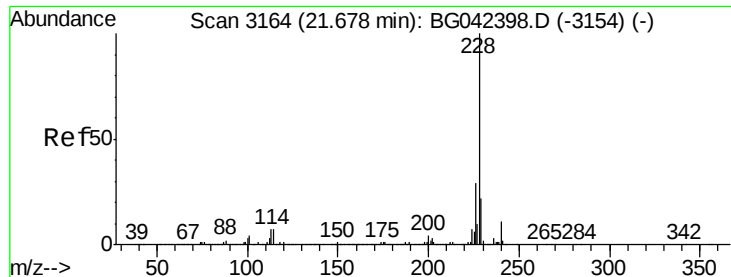


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.896 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

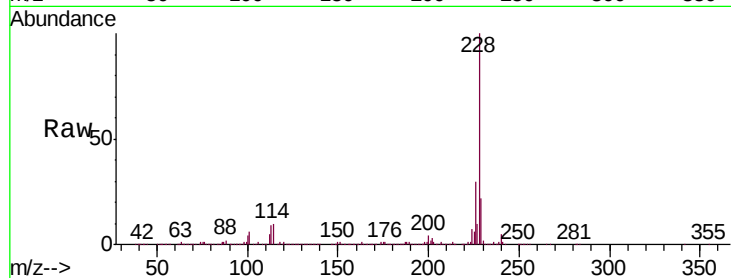
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 1133135

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.0  | 23.4  | 35.2  |
| 229 | 22.2  | 17.4  | 26.2  |

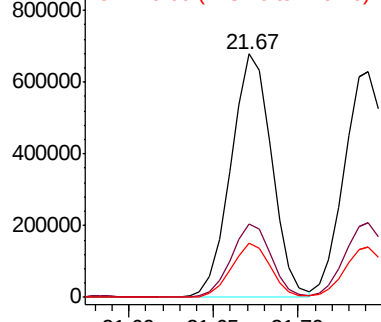


Abundance

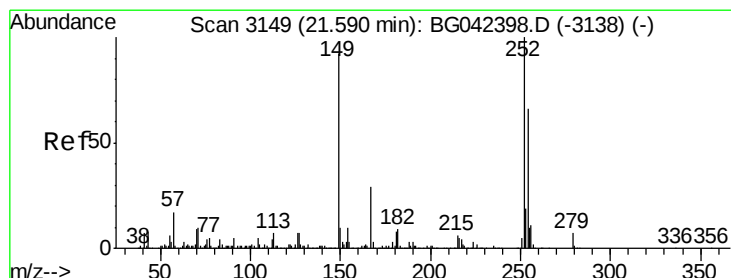
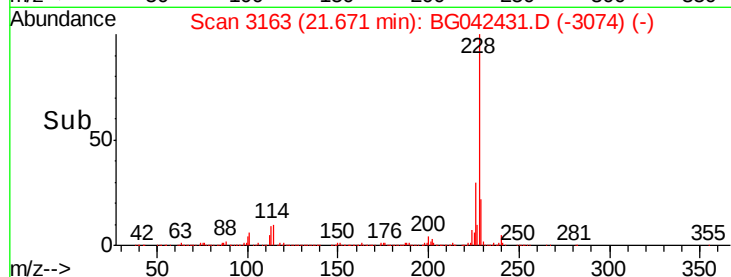
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 29.783 ng

RT: 21.58 min Scan# 3148

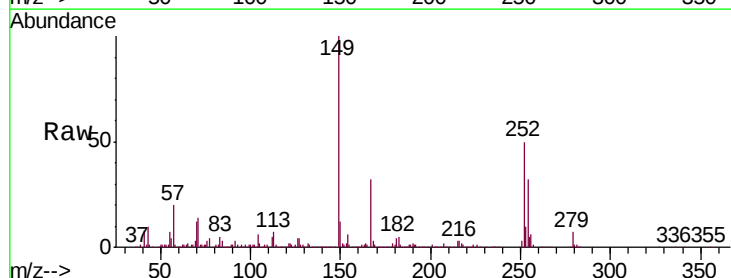
Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:252 Resp: 331888

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.0  | 53.0  | 79.4  |
| 126 | 8.9   | 5.7   | 8.5#  |

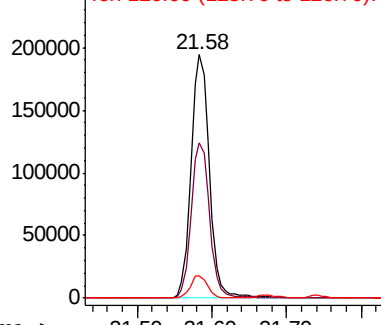


Abundance

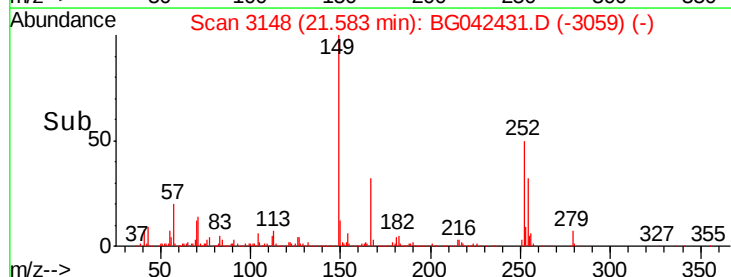
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 41.698 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampled :

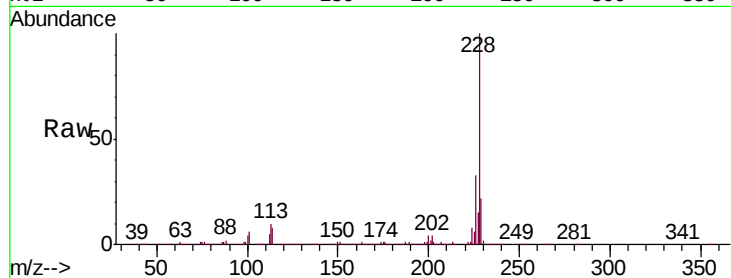
Tot Ion:228 Resp: 1114252

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.9  | 24.9  | 37.3  |
| 229 | 22.3  | 16.9  | 25.3  |

228 100

226 32.9 24.9 37.3

229 22.3 16.9 25.3

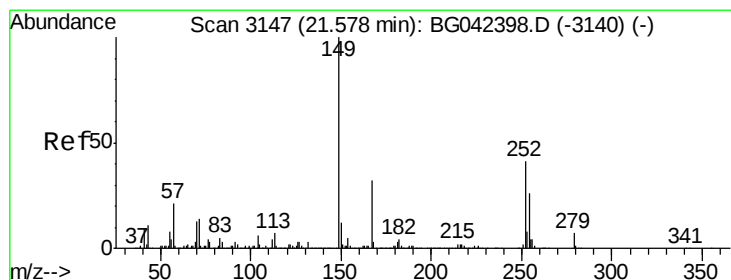
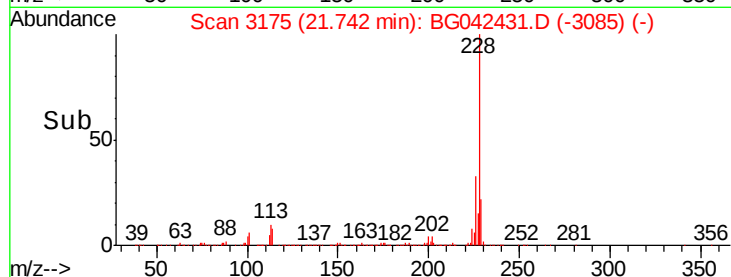
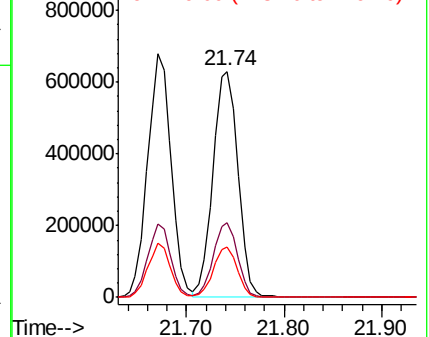


Abundance

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: 45.710 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

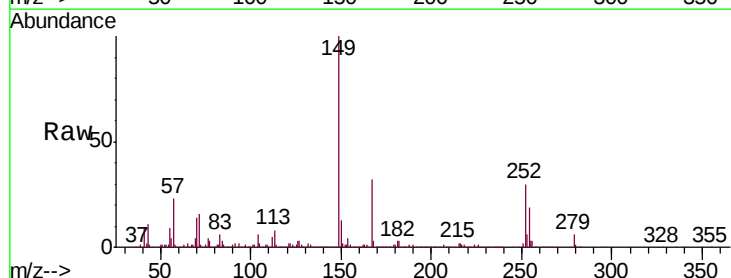
Tgt Ion:149 Resp: 697088

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 32.4  | 26.0  | 39.0  |
| 279 | 5.9   | 5.4   | 8.0   |

149 100

167 32.4 26.0 39.0

279 5.9 5.4 8.0

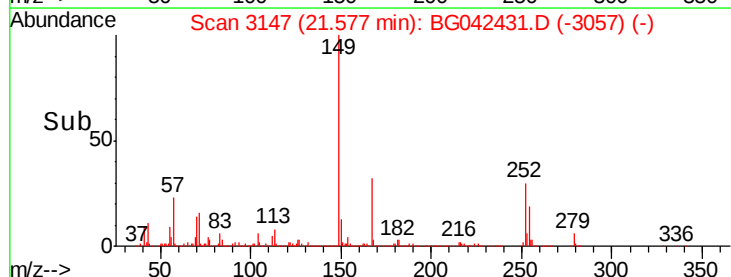
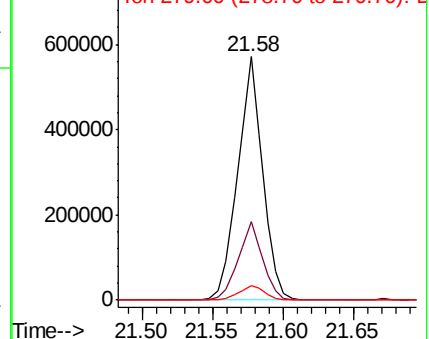


Abundance

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: 44.794 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

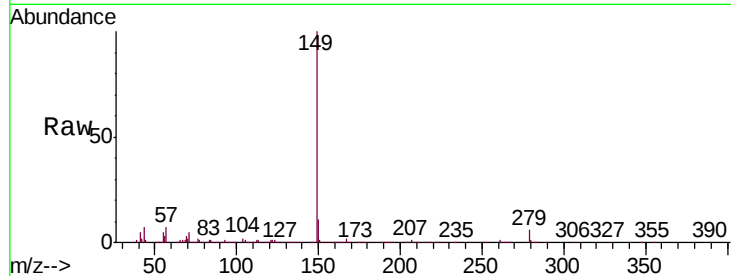
Tot Ion:149 Resp: 1174911

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

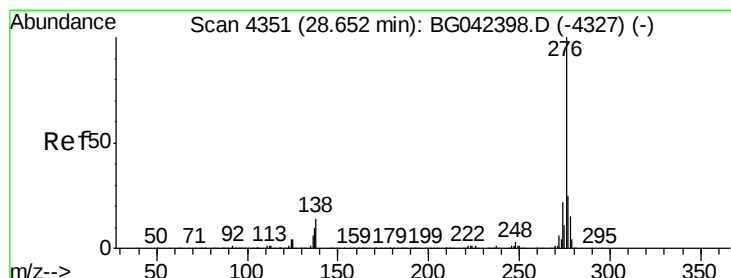
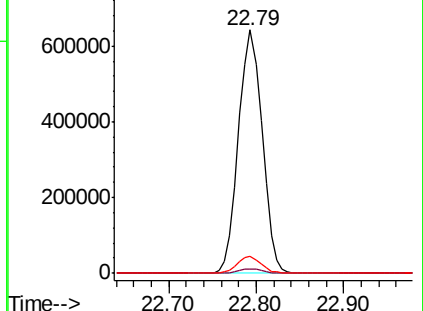
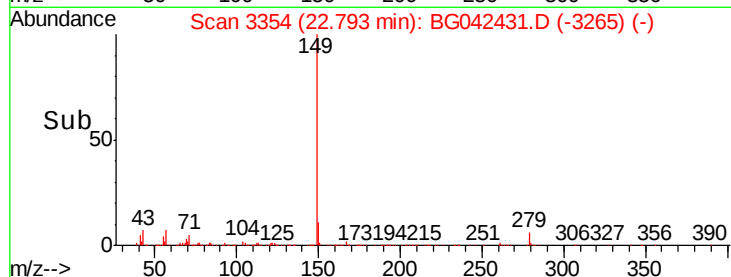
43 6.7 5.3 7.9



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: 39.684 ng

RT: 28.66 min Scan# 4352

Delta R.T. 0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

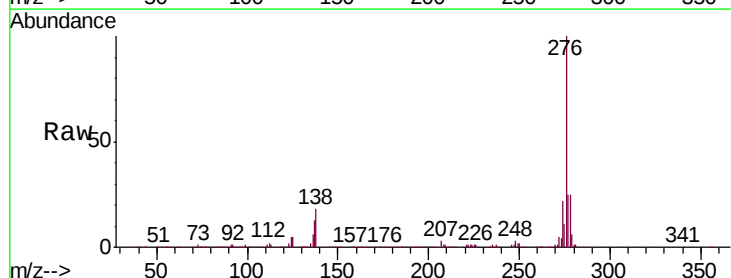
Tgt Ion:276 Resp: 1441087

Ion Ratio Lower Upper

276 100

138 21.3 9.2 13.8#

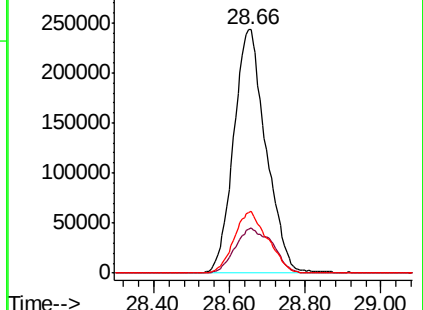
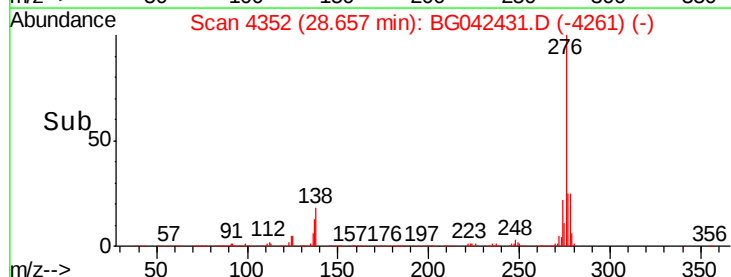
277 26.3 21.0 31.6

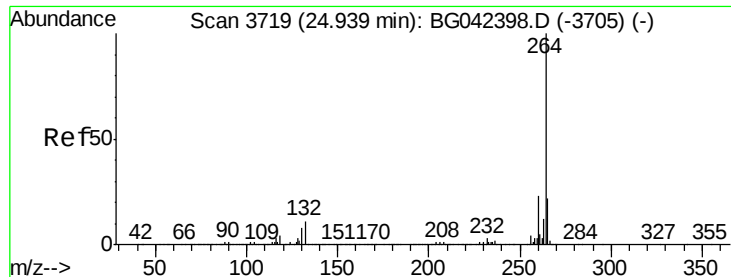


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3719

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

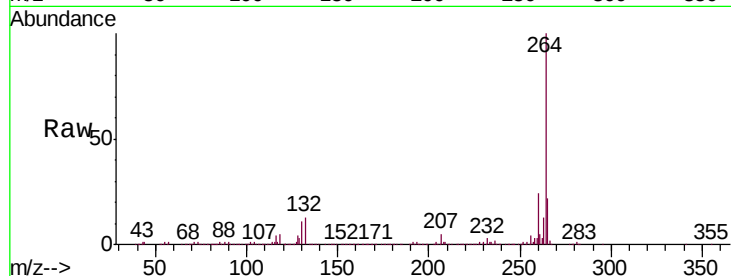
Tot Ion:264 Resp: 536274

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

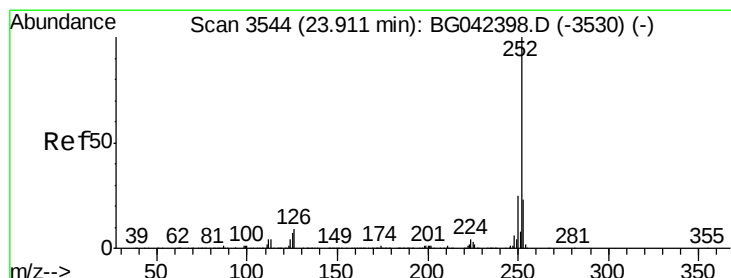
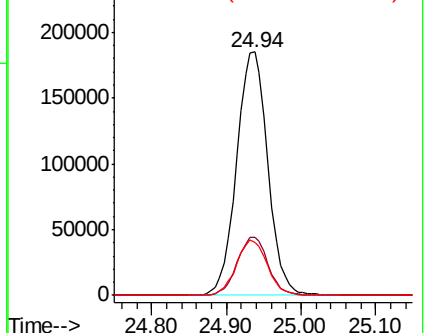
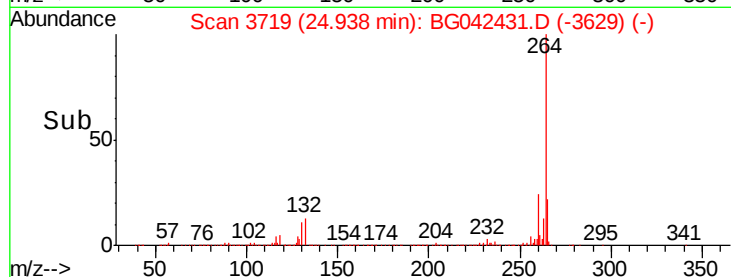
265 21.9 17.6 26.4



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: 41.590 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

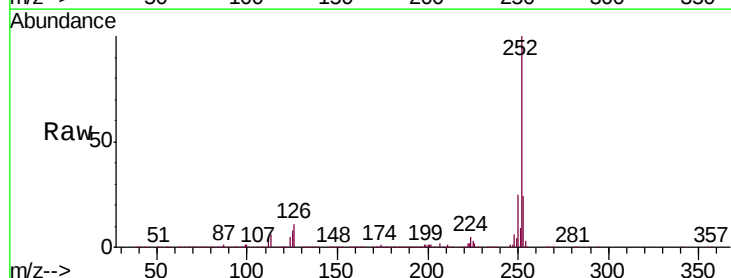
Tgt Ion:252 Resp: 1226175

Ion Ratio Lower Upper

252 100

253 24.1 18.6 27.8

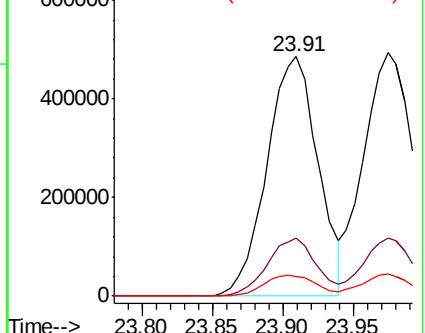
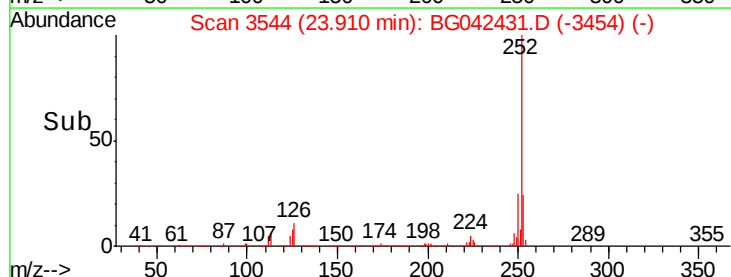
125 8.4 5.6 8.4

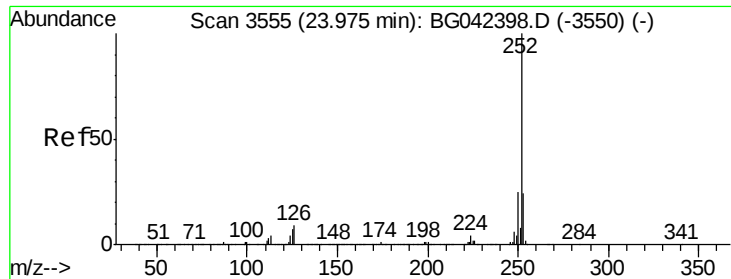


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

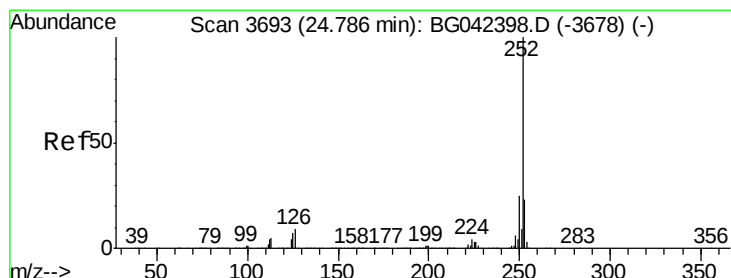
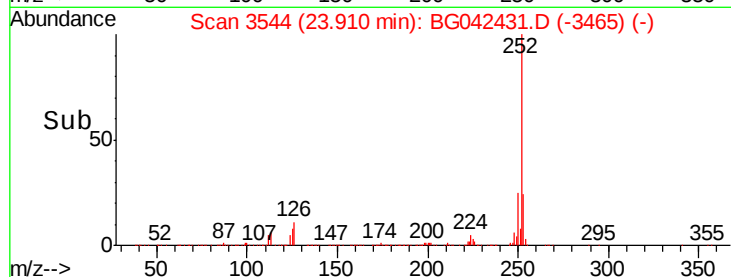
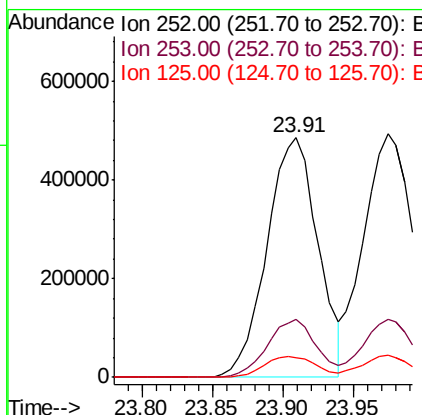
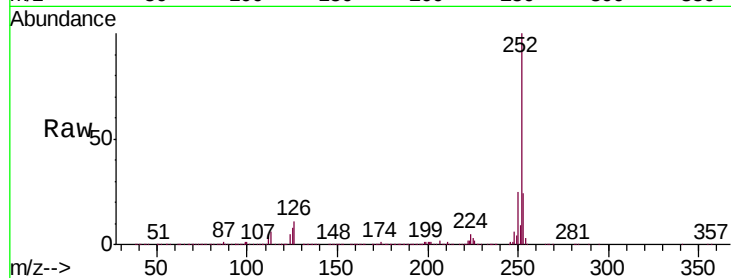




#89  
Benzo(k)fluoranthene  
Concen: 43.268 ng  
RT: 23.91 min Scan# 3544  
Delta R.T. -0.07 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

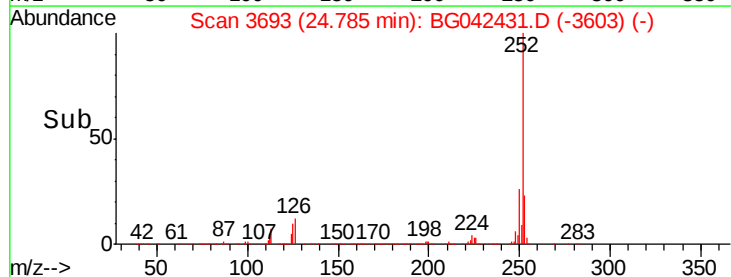
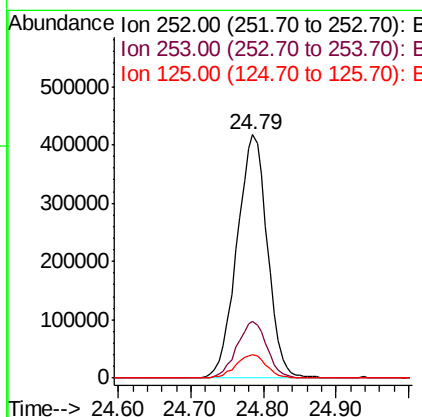
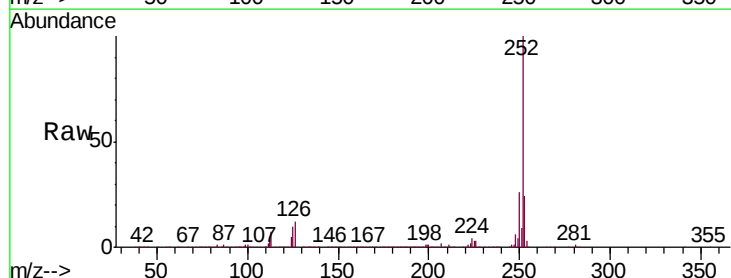
Instrument :  
BNA\_G  
ClientSampleId :

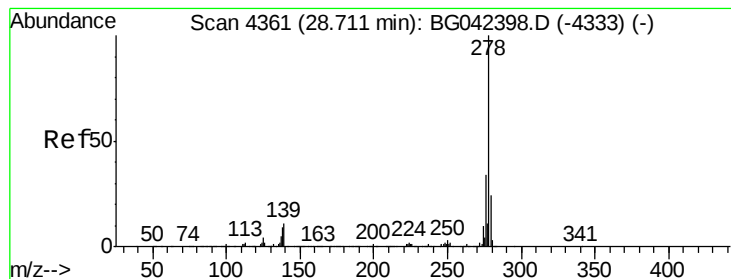
Tot Ion:252 Resp: 1226175  
Ion Ratio Lower Upper  
252 100  
253 24.1 18.6 27.8  
125 8.4 5.8 8.6



#90  
Benzo(a)pyrene  
Concen: 43.423 ng  
RT: 24.79 min Scan# 3693  
Delta R.T. -0.00 min  
Lab File: BG042431.D  
Acq: 23 Aug 2019 13:00

Tgt Ion:252 Resp: 1214826  
Ion Ratio Lower Upper  
252 100  
253 23.5 18.4 27.6  
125 9.9 6.0 9.0#





#91

Dibenzo(a,h)anthracene

Concen: 42.046 ng

RT: 28.71 min Scan# 4361

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA\_G

ClientSampleId :

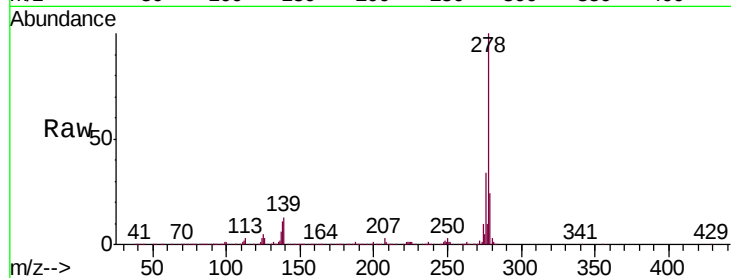
Tot Ion:278 Resp: 1191008

Ion Ratio Lower Upper

278 100

139 13.2 8.8 13.2#

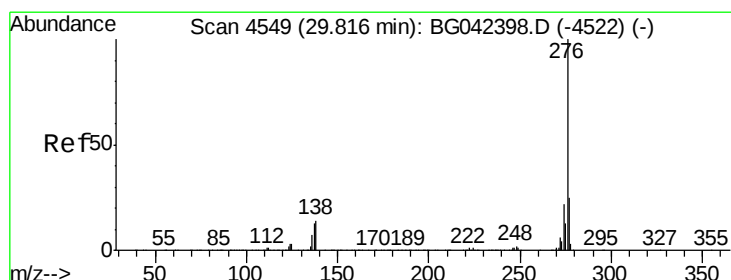
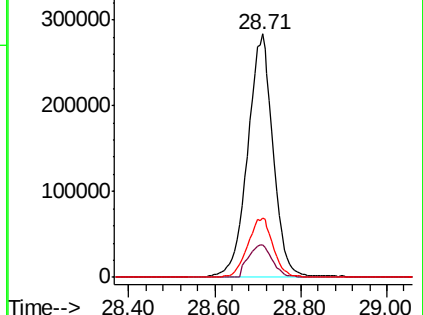
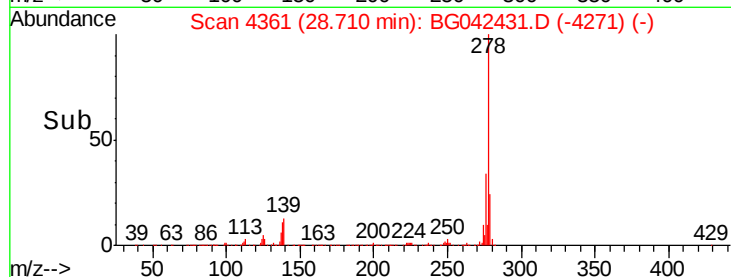
279 24.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.919 ng

RT: 29.80 min Scan# 4547

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

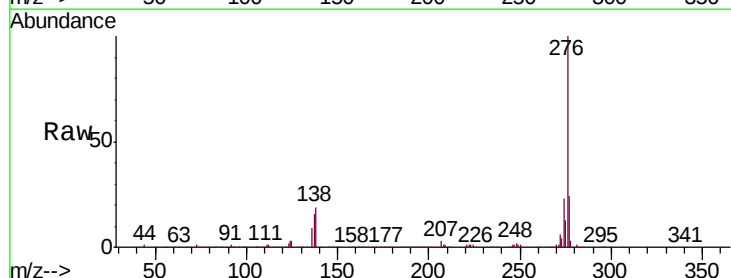
Tgt Ion:276 Resp: 1187590

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 19.0 11.4 17.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

