

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\  
 Data File : BG043823.D  
 Acq On : 17 Dec 2019 17:22  
 Operator : JU  
 Sample : PB125517BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Dec 18 01:03:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 09 18:16:57 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 108460   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.80 | 136  | 495928   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.63 | 164  | 376898   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.37 | 188  | 885644   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.63 | 240  | 758676   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.79 | 264  | 791361   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.58  | 112 | 769680  | 134.46 | ng | 0.00 |
| 7) Phenol-d6             | 7.17  | 99  | 1076984 | 130.46 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 9.16  | 82  | 668856  | 75.73  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.12 | 330 | 463610  | 129.03 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.25 | 172 | 1612167 | 75.14  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.99 | 244 | 2430442 | 77.07  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 99020  | 37.354 | ng | 98     |
| 3) Pyridine                    | 3.88  | 79  | 253585 | 34.619 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.79  | 42  | 137016 | 39.012 | ng | 94     |
| 6) Aniline                     | 7.32  | 93  | 367402 | 33.634 | ng | 98     |
| 8) 2-Chlorophenol              | 7.57  | 128 | 333353 | 49.971 | ng | 97     |
| 9) Benzaldehyde                | 7.13  | 77  | 225408 | 55.359 | ng | 91     |
| 10) Phenol                     | 7.20  | 94  | 429992 | 50.450 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 298122 | 41.222 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 326517 | 40.844 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 331900 | 41.535 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 318226 | 41.333 | ng | 99     |
| 15) Benzyl Alcohol             | 8.24  | 79  | 304374 | 46.329 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 452667 | 39.053 | ng | 98     |
| 17) 2-Methylphenol             | 8.45  | 107 | 307837 | 50.597 | ng | 100    |
| 18) Hexachloroethane           | 9.09  | 117 | 119384 | 41.115 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 259032 | 41.042 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.77  | 107 | 431099 | 50.887 | ng | 98     |
| 22) Acetophenone               | 8.82  | 105 | 466558 | 37.723 | ng | 99     |
| 24) Nitrobenzene               | 9.20  | 77  | 363113 | 40.360 | ng | 97     |
| 25) Isophorone                 | 9.73  | 82  | 708950 | 40.190 | ng | 98     |
| 26) 2-Nitrophenol              | 9.91  | 139 | 178467 | 50.258 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.98  | 122 | 345031 | 55.351 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 447370 | 39.620 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.45 | 162 | 368799 | 48.178 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 344520 | 38.020 | ng | 100    |
| 31) Naphthalene                | 10.86 | 128 | 993664 | 41.757 | ng | 99     |
| 32) Benzoic acid               | 10.10 | 122 | 192536 | 45.026 | ng | 98     |
| 33) 4-Chloroaniline            | 10.95 | 127 | 275674 | 23.894 | ng | 100    |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 195869 | 35.674 | ng | 96     |
| 35) Caprolactam                | 11.72 | 113 | 98059  | 32.641 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.08 | 107 | 406683 | 49.349 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 795015 | 43.104 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.68 | 142 | 757607 | 43.197 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 399337 | 35.260 | ng | 98     |

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 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

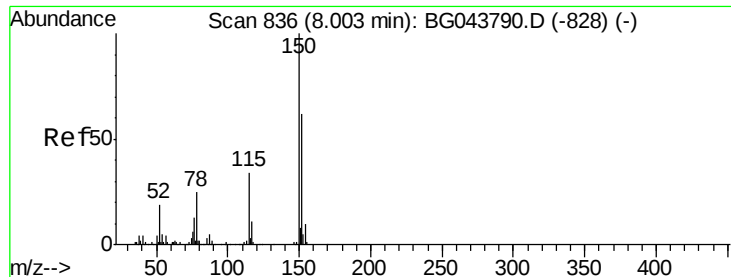
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Dec 18 01:03:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 09 18:16:57 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 473851   | 89.140  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.06 | 196  | 324647   | 45.100  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.14 | 196  | 360846   | 47.848  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.47 | 154  | 1014488  | 39.043  | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.51 | 162  | 818012   | 38.509  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.70 | 65   | 275043   | 43.904  | ng    | 95       |
| 49) Acenaphthylene             | 14.35 | 152  | 1337893  | 42.281  | ng    | 98       |
| 50) Dimethylphthalate          | 14.09 | 163  | 1104843  | 41.071  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.19 | 165  | 264051   | 45.548  | ng    | 97       |
| 52) Acenaphthene               | 14.69 | 154  | 945269   | 45.409  | ng    | 98       |
| 53) 3-Nitroaniline             | 14.52 | 138  | 194995   | 29.393  | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 14.73 | 184  | 260131   | 99.553  | ng    | 92       |
| 55) Dibenzofuran               | 15.03 | 168  | 1305064  | 42.353  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.83 | 139  | 495295   | 102.336 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.98 | 165  | 369780   | 47.206  | ng    | 96       |
| 58) Fluorene                   | 15.67 | 166  | 1061780  | 42.750  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.17 | 232  | 320442   | 47.357  | ng    | 98       |
| 60) Diethylphthalate           | 15.45 | 149  | 1124939  | 41.865  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 576020   | 41.411  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.69 | 138  | 277019   | 40.301  | ng    | 99       |
| 63) Azobenzene                 | 15.96 | 77   | 1052266  | 42.627  | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 186167   | 53.200  | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.88 | 169  | 1011741  | 41.102  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.56 | 248  | 372300   | 39.319  | ng    | 98       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 385463   | 38.383  | ng    | 99       |
| 69) Atrazine                   | 16.83 | 200  | 399133   | 50.863  | ng    | 99       |
| 70) Pentachlorophenol          | 17.03 | 266  | 473825   | 88.698  | ng    | 98       |
| 71) Phenanthrene               | 17.41 | 178  | 1714271  | 40.887  | ng    | 99       |
| 72) Anthracene                 | 17.50 | 178  | 1759557  | 42.396  | ng    | 99       |
| 73) Carbazole                  | 17.77 | 167  | 1598472  | 41.202  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 1831812  | 41.187  | ng    | 100      |
| 75) Fluoranthene               | 19.42 | 202  | 1973059  | 41.118  | ng    | 98       |
| 77) Benzidine                  | 19.59 | 184  | 831860   | 50.259  | ng    | 99       |
| 78) Pyrene                     | 19.78 | 202  | 1991548  | 40.168  | ng    | 97       |
| 80) Butylbenzylphthalate       | 20.67 | 149  | 888406   | 43.023  | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.61 | 228  | 1940282  | 40.521  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.53 | 252  | 573431   | 32.418  | ng    | 99       |
| 83) Chrysene                   | 21.67 | 228  | 1834136  | 40.205  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 1222405  | 41.272  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.74 | 149  | 2102104  | 43.413  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.38 | 276  | 2040435  | 34.945  | ng    | # 93     |
| 88) Benzo(b)fluoranthene       | 23.79 | 252  | 1959167  | 42.999  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.86 | 252  | 1956586  | 44.453  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.64 | 252  | 1859972  | 42.835  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.44 | 278  | 1839414  | 42.411  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.49 | 276  | 1650121  | 38.555  | ng    | 98       |

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



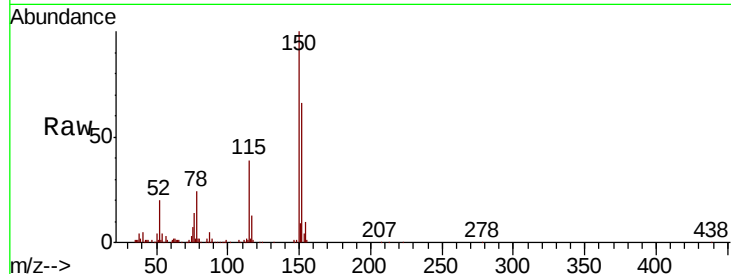


#1

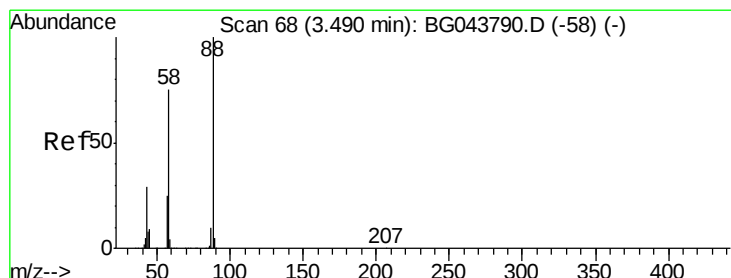
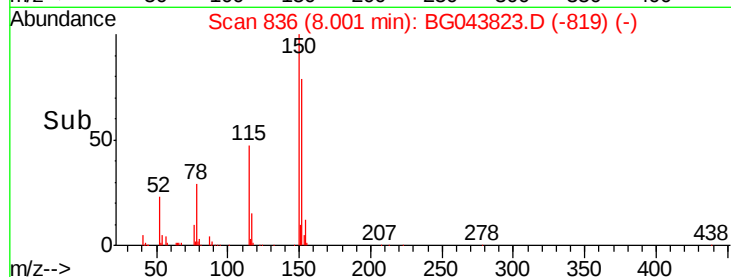
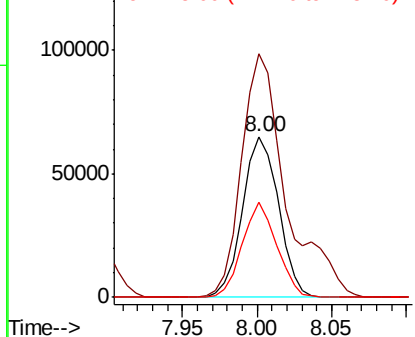
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 108460  
Ion Ratio Lower Upper  
152 100  
150 151.7 128.6 192.8  
115 59.2 44.3 66.5



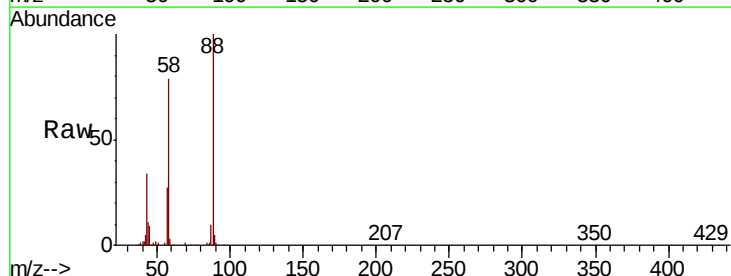
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



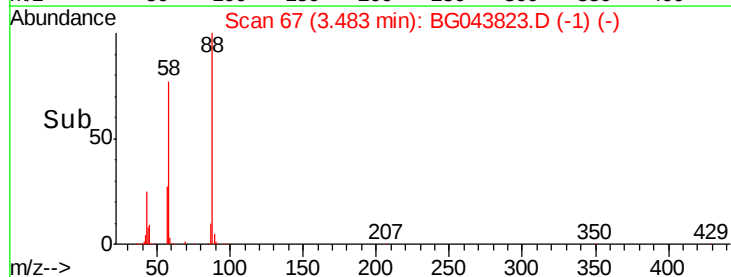
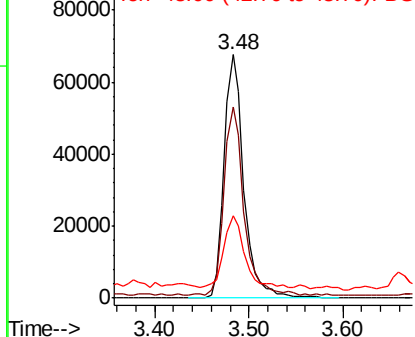
#2

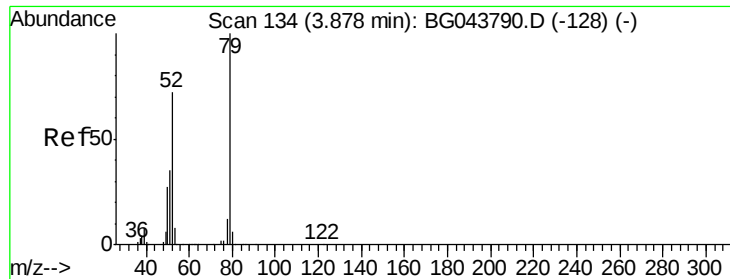
1,4-Dioxane  
Concen: 37.354 ng  
RT: 3.48 min Scan# 67  
Delta R.T. -0.01 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Tgt Ion: 88 Resp: 99020  
Ion Ratio Lower Upper  
88 100  
58 79.5 62.2 93.4  
43 29.9 24.3 36.5



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.619 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

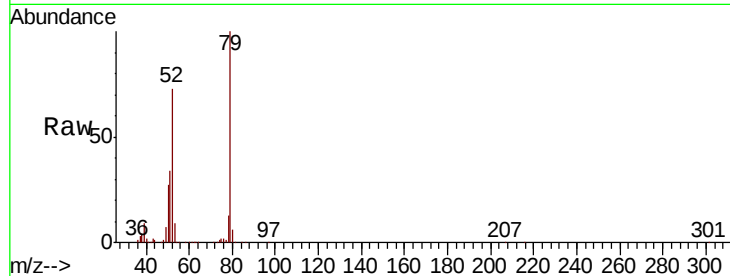
Tot Ion: 79 Resp: 253585

Ion Ratio Lower Upper

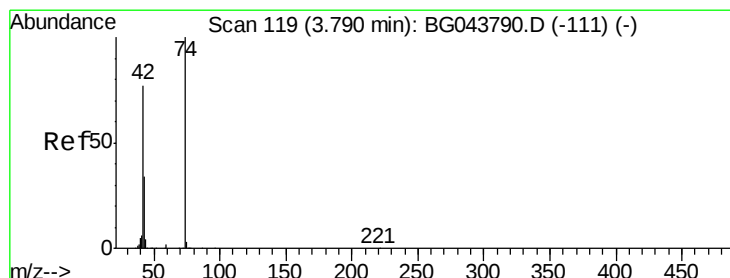
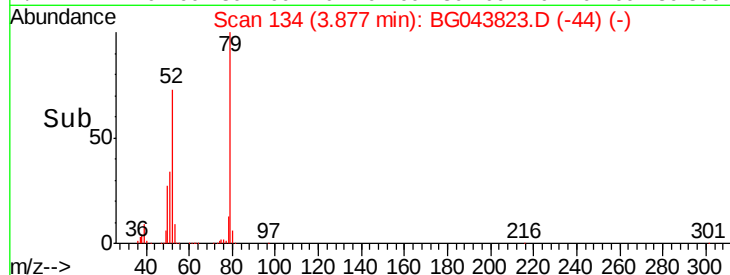
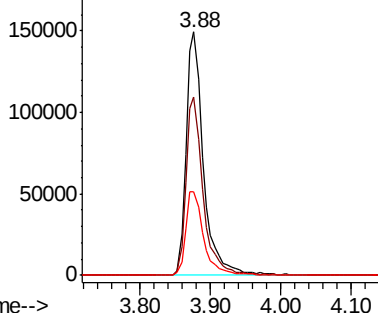
79 100

52 73.1 57.6 86.4

51 34.5 27.8 41.8



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



#4

n-Nitrosodimethylamine

Concen: 39.012 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

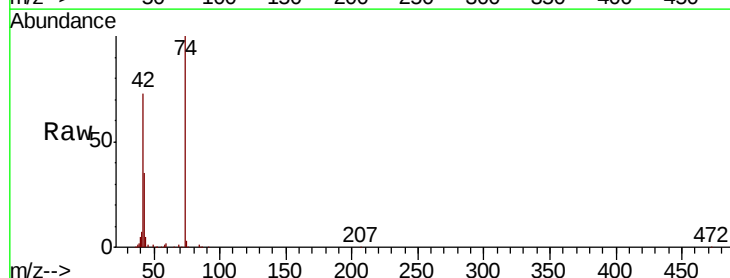
Tgt Ion: 42 Resp: 137016

Ion Ratio Lower Upper

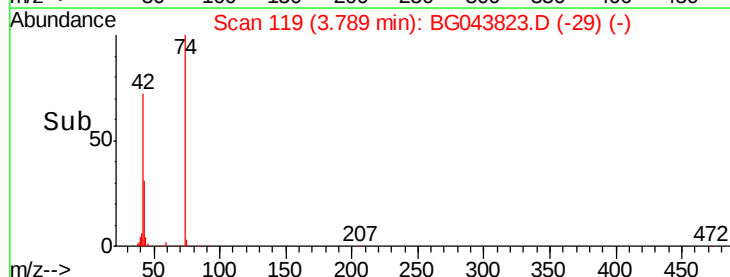
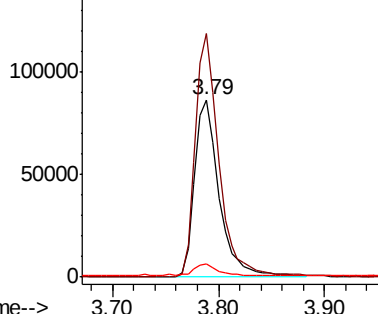
42 100

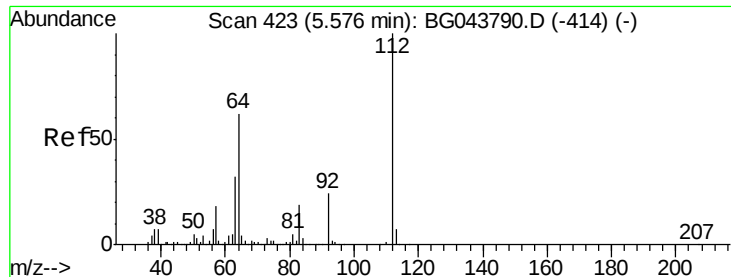
74 137.2 104.2 156.4

44 7.1 5.6 8.4



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





#5

2-Fluorophenol

Concen: 134.458 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

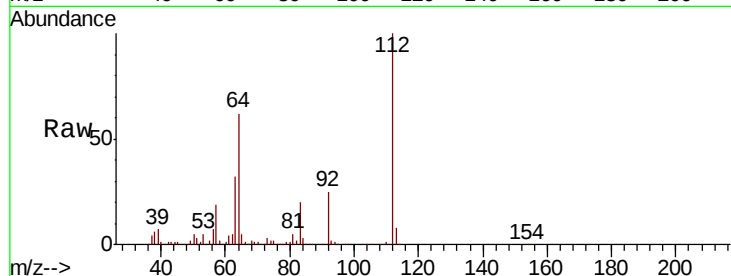
Tot Ion:112 Resp: 769680

Ion Ratio Lower Upper

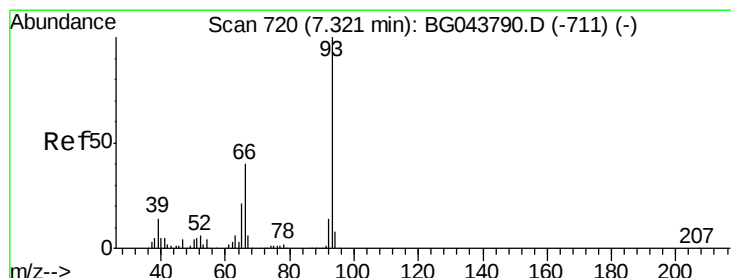
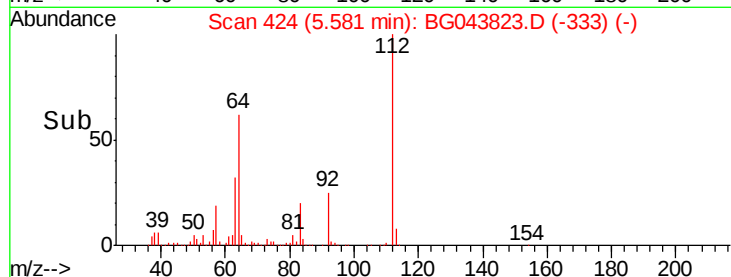
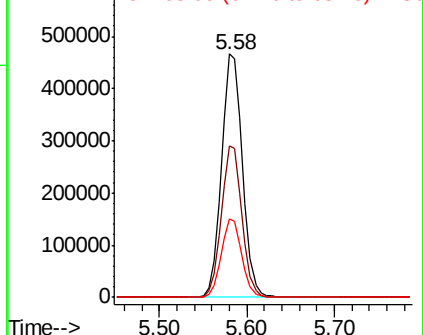
112 100

64 62.2 49.9 74.9

63 32.2 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.634 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

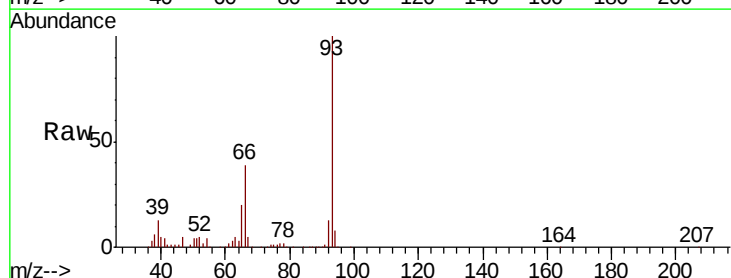
Tgt Ion: 93 Resp: 367402

Ion Ratio Lower Upper

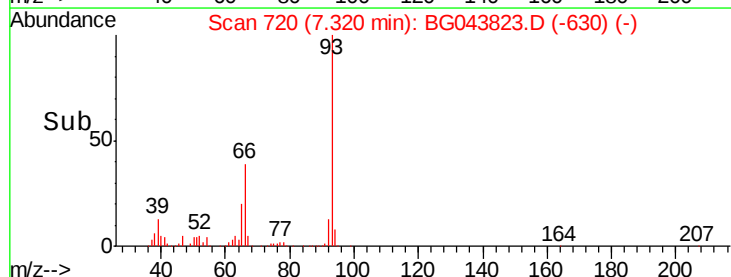
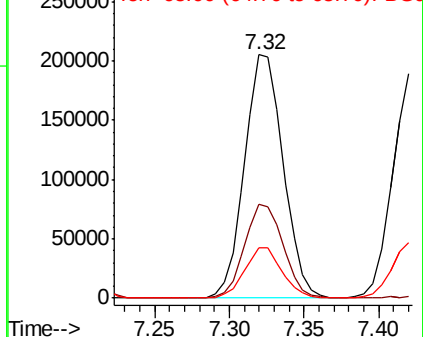
93 100

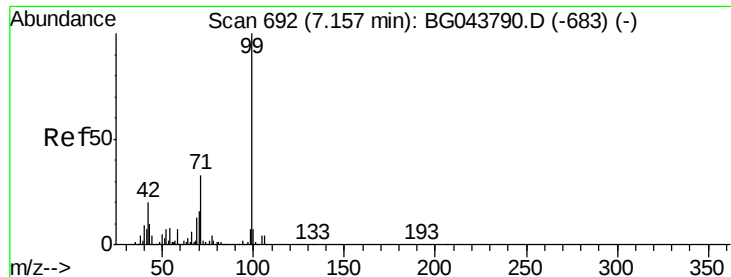
66 38.5 31.9 47.9

65 20.4 16.8 25.2



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: 130.456 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

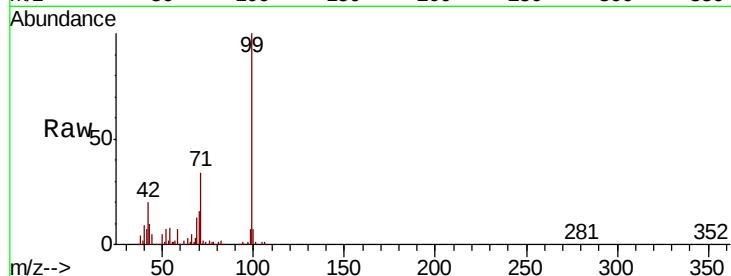
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 99 Resp: 1076984

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.6  | 16.2  | 24.2  |
| 71  | 33.8  | 26.6  | 40.0  |

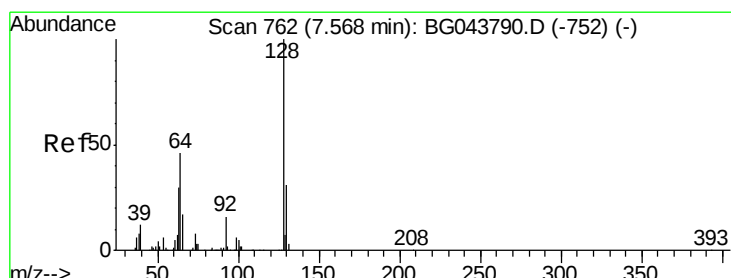
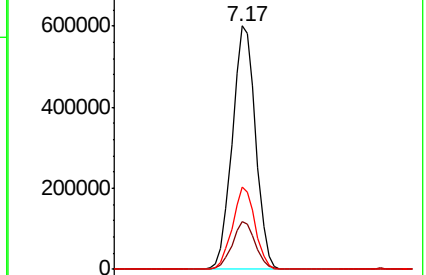
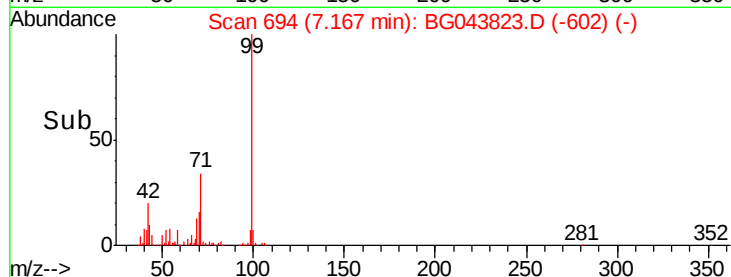


Abundance

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: 49.971 ng

RT: 7.57 min Scan# 762

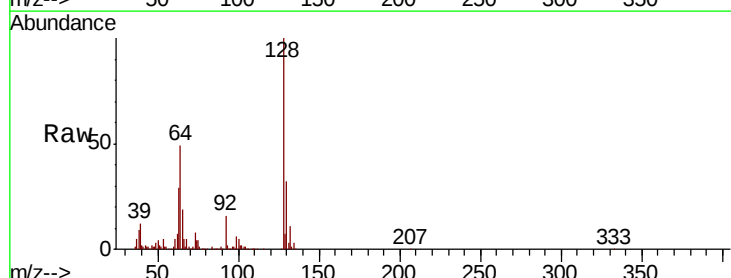
Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion: 128 Resp: 333353

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.0  | 11.1  | 51.1  |
| 64  | 48.9  | 26.5  | 66.5  |

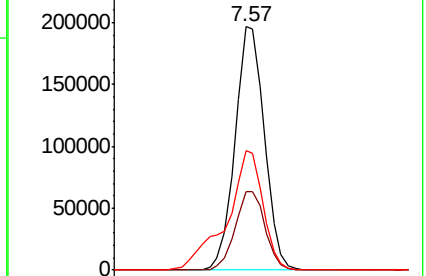
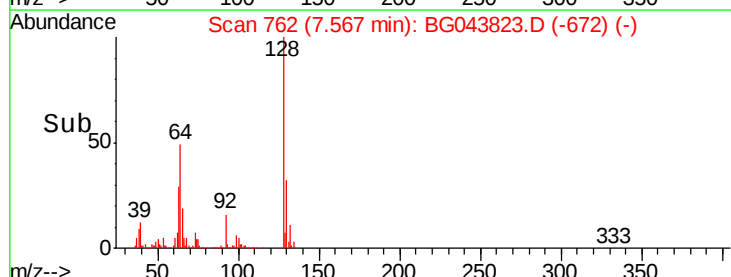


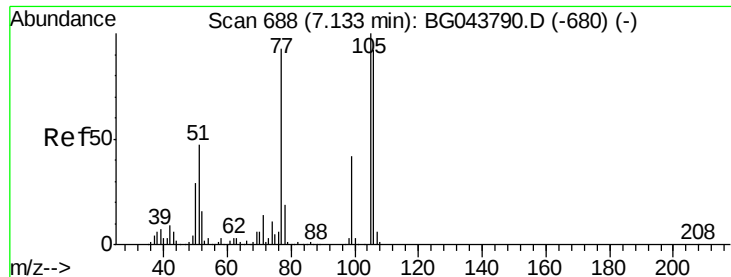
Abundance

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: 55.359 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

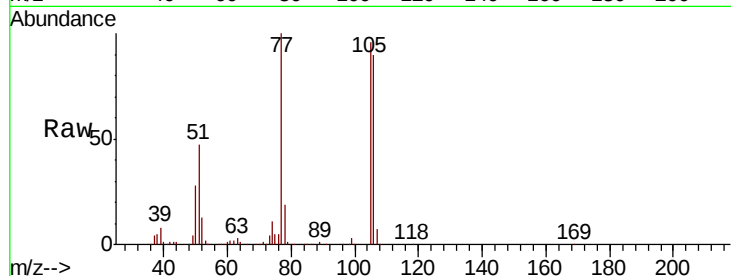
Tot Ion: 77 Resp: 225408

Ion Ratio Lower Upper

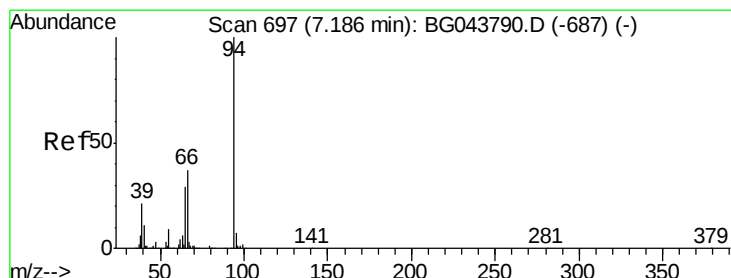
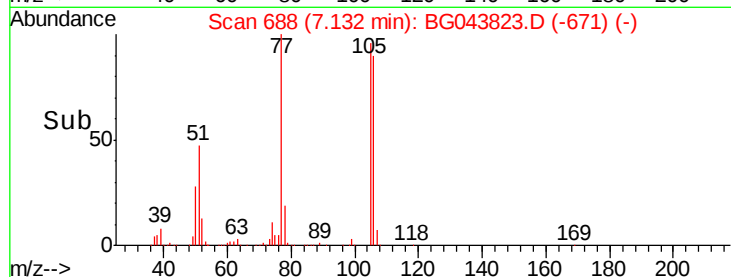
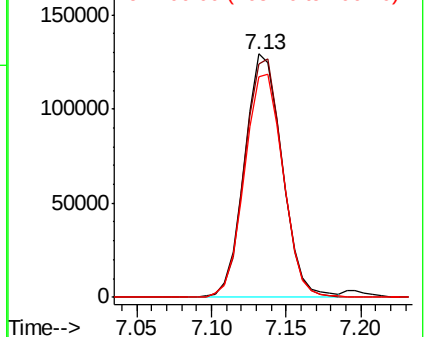
77 100

105 95.8 87.1 127.1

106 90.4 78.2 118.2



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: 50.450 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

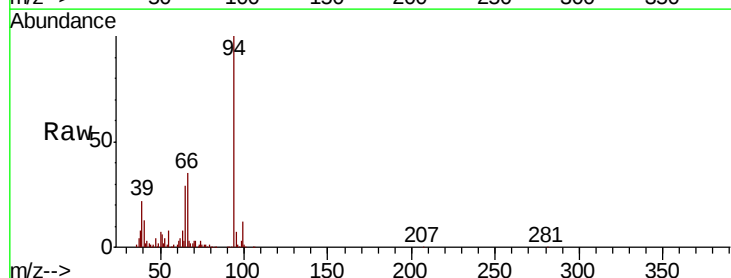
Tgt Ion: 94 Resp: 429992

Ion Ratio Lower Upper

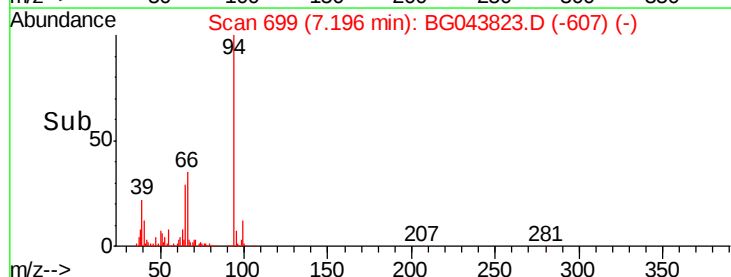
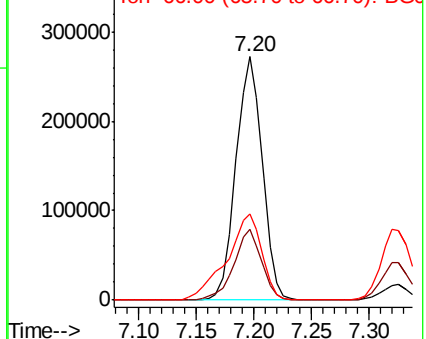
94 100

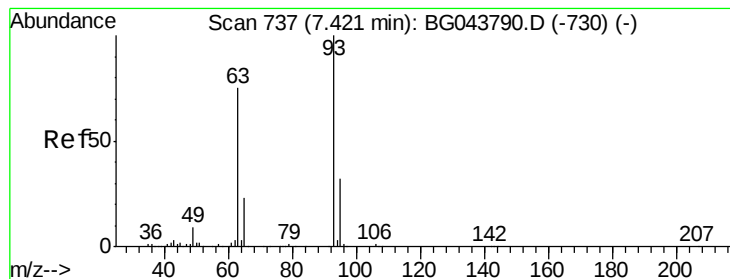
65 28.8 9.5 49.5

66 35.4 16.8 56.8



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: 41.222 ng

RT: 7.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

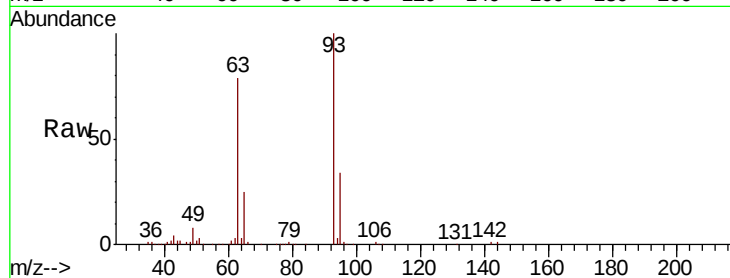
Tot Ion: 93 Resp: 298122

Ion Ratio Lower Upper

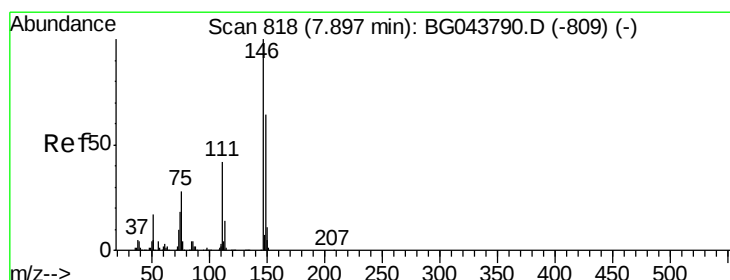
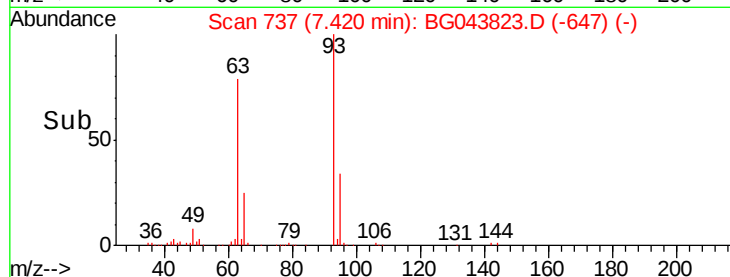
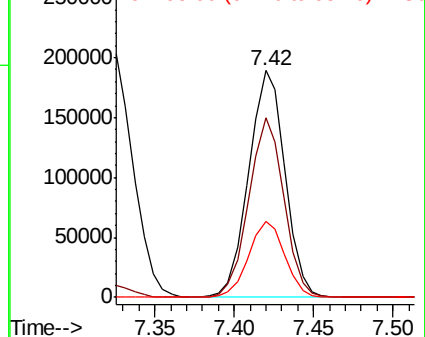
93 100

63 79.2 54.7 94.7

95 33.6 11.3 51.3



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: 40.844 ng

RT: 7.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

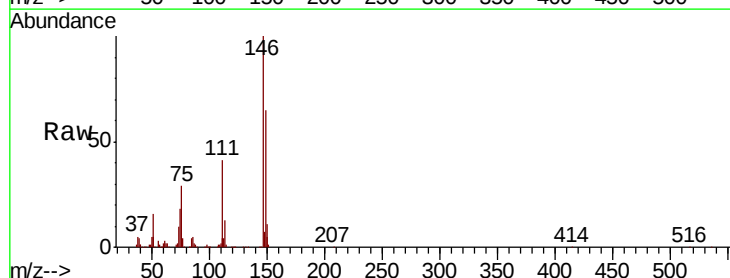
Tgt Ion: 146 Resp: 326517

Ion Ratio Lower Upper

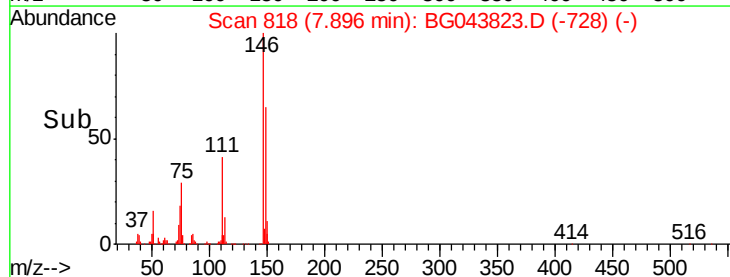
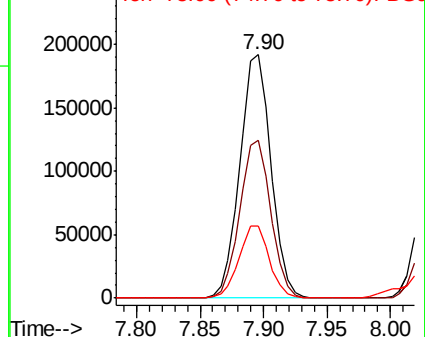
146 100

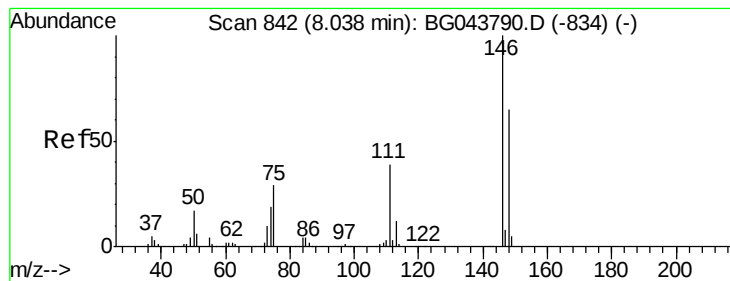
148 65.0 51.4 77.2

75 29.4 22.4 33.6



Abundance Ion 146.00 (145.70 to 146.70): BGC  
Ion 148.00 (147.70 to 148.70): BGC  
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 41.535 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampled :

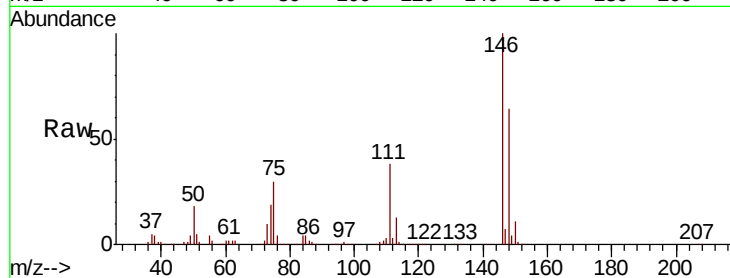
Tot Ion:146 Resp: 331900

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

111 38.0 31.4 47.2

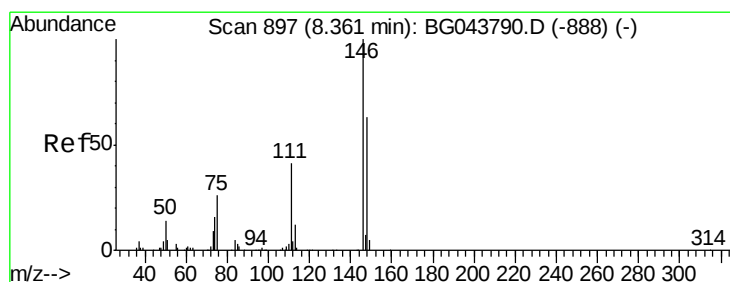
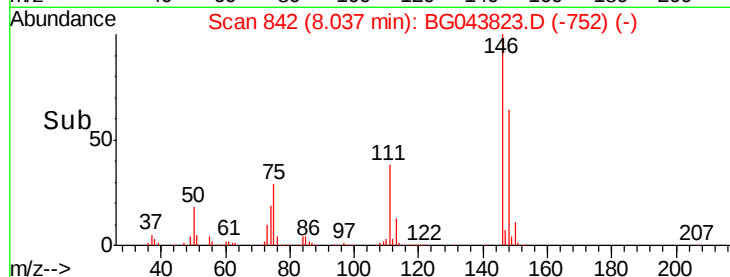
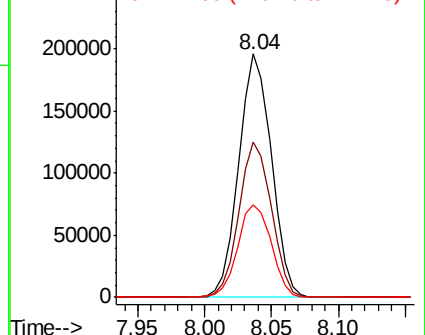


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.333 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

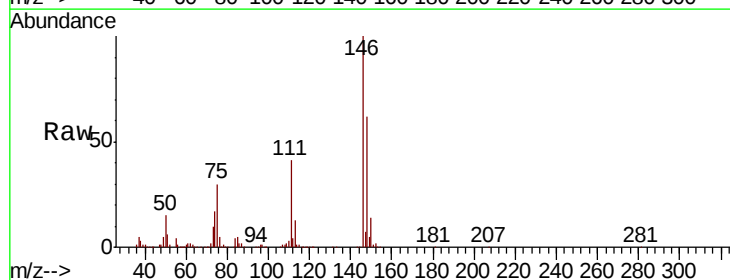
Tgt Ion:146 Resp: 318226

Ion Ratio Lower Upper

146 100

148 62.5 50.2 75.2

111 41.2 33.4 50.2

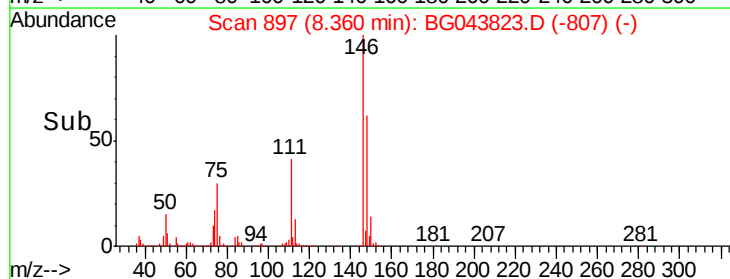
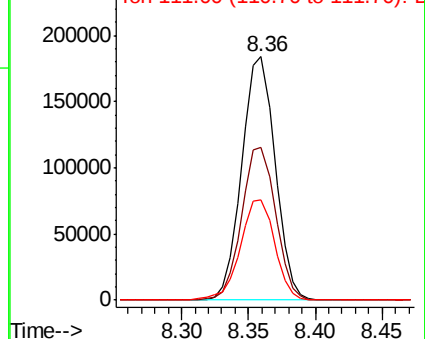


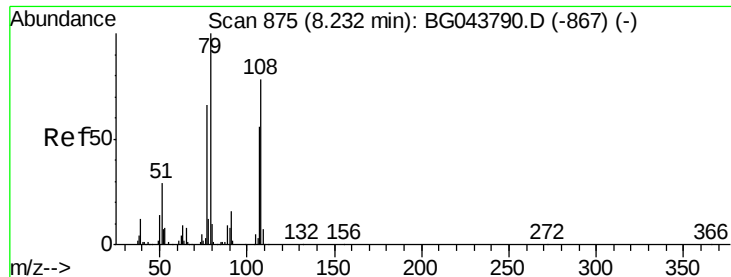
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.329 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

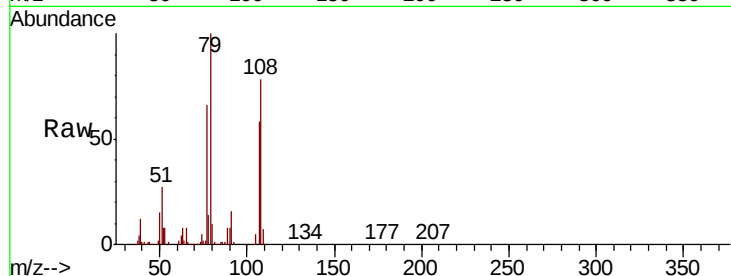
Tot Ion: 79 Resp: 304374

Ion Ratio Lower Upper

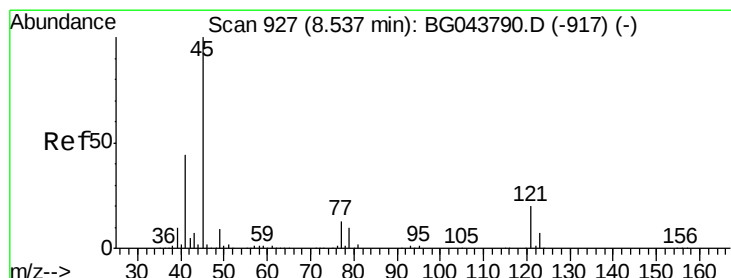
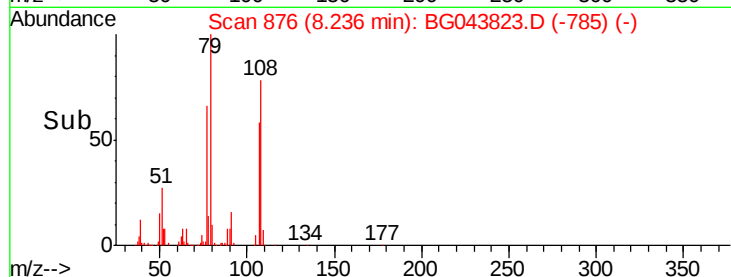
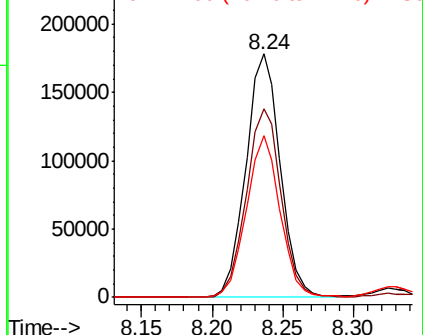
79 100

108 77.5 62.2 93.2

77 66.2 52.8 79.2



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: 39.053 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

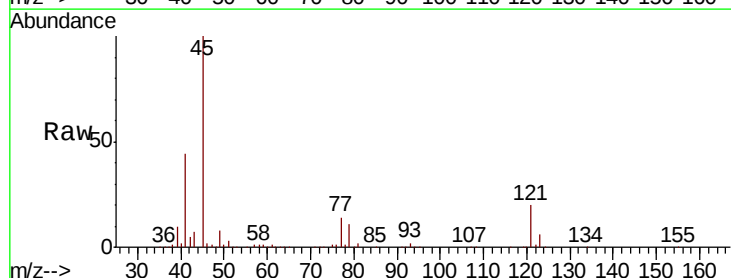
Tgt Ion: 45 Resp: 452667

Ion Ratio Lower Upper

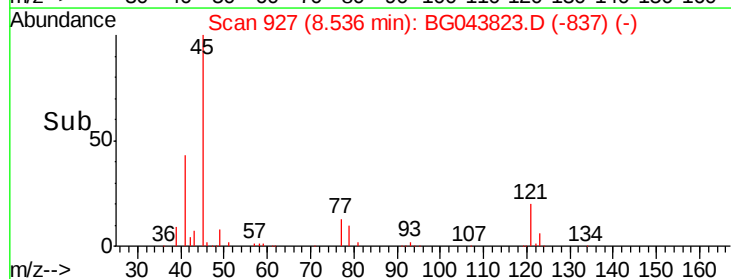
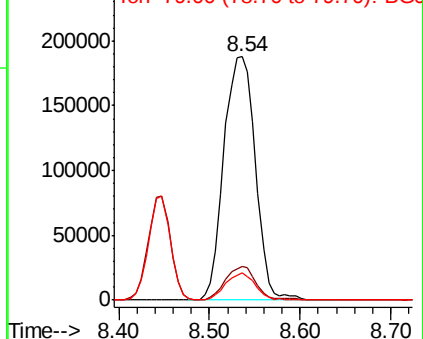
45 100

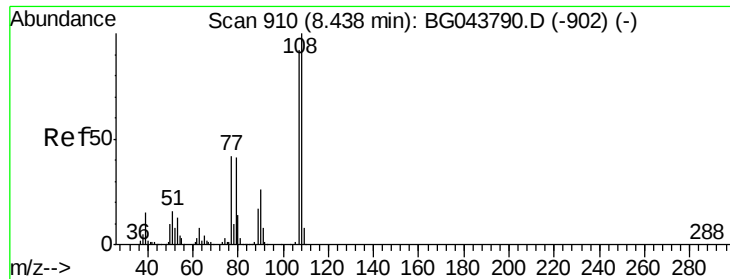
77 14.0 0.0 33.6

79 11.0 0.0 29.9



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: 50.597 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG043823.D

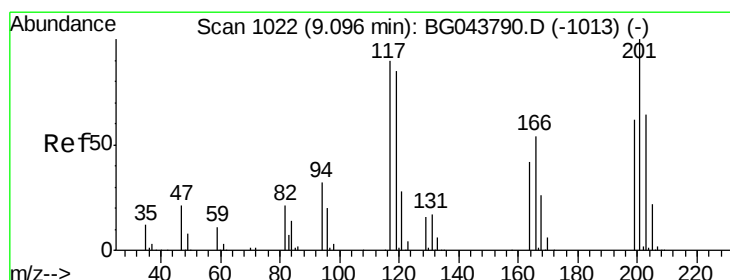
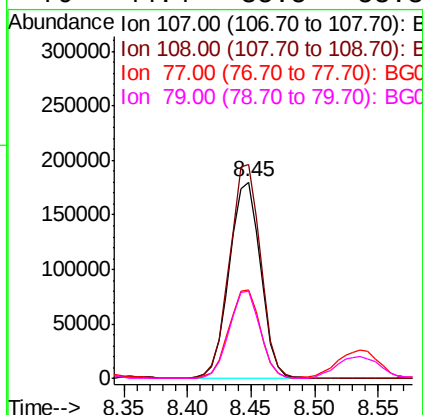
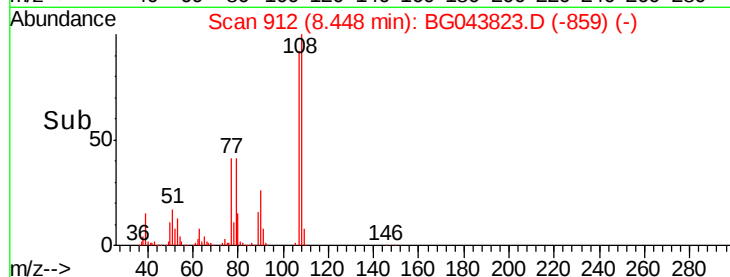
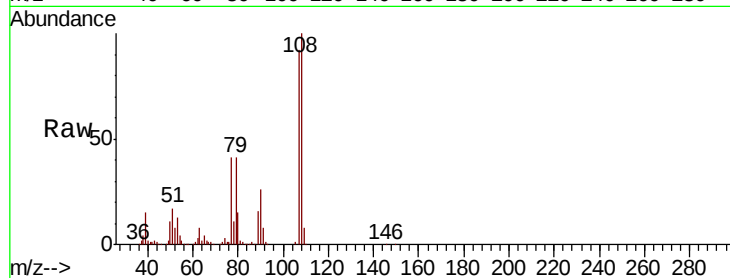
Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 307837 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.8 | 87.2  | 130.8  |
| 77       | 44.8  | 36.6  | 54.8   |
| 79       | 44.4  | 35.5  | 53.3   |



#18

Hexachloroethane

Concen: 41.115 ng

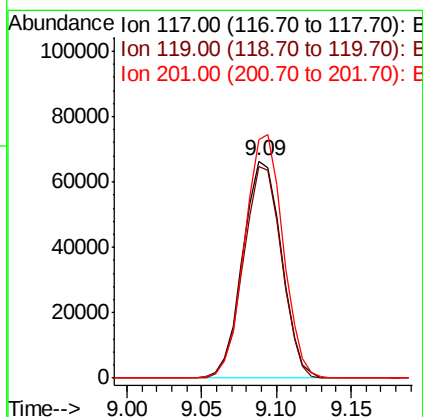
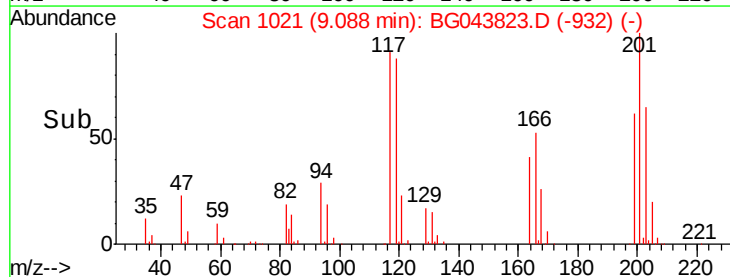
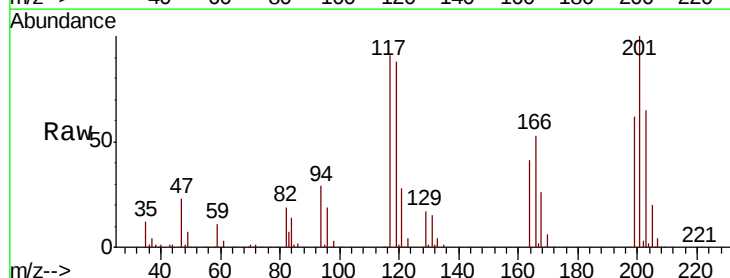
RT: 9.09 min Scan# 1021

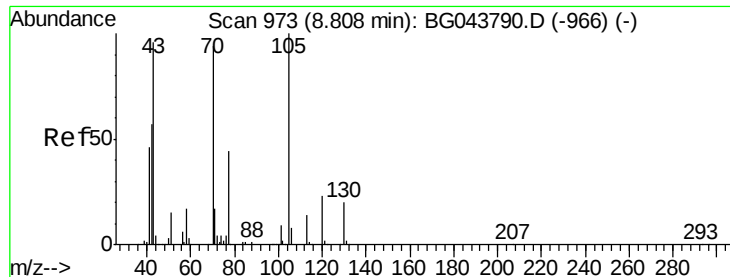
Delta R.T. -0.01 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 119384 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.4  | 75.6  | 113.4  |
| 201      | 110.1 | 88.6  | 133.0  |

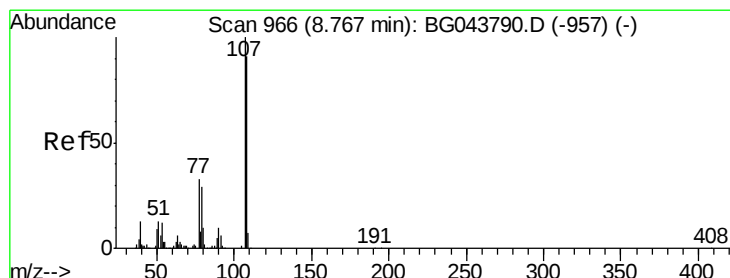
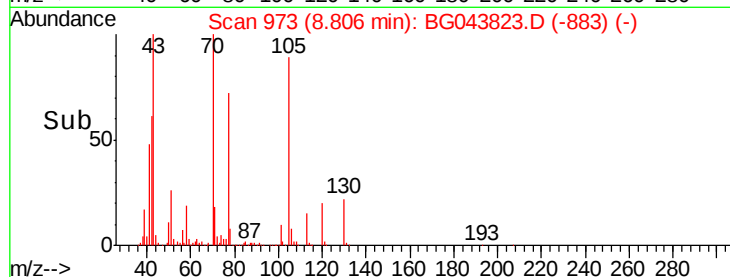
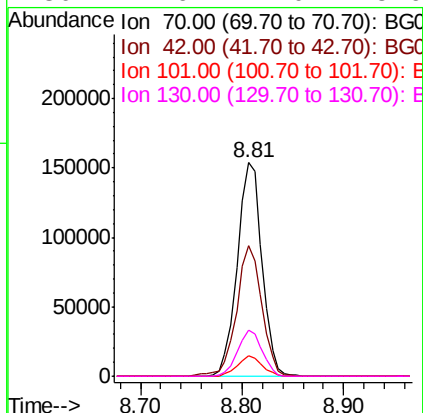
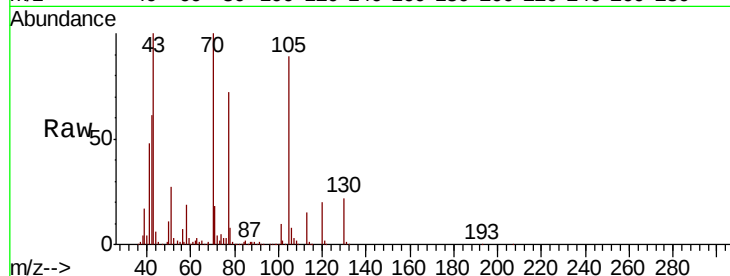




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.042 ng  
RT: 8.81 min Scan# 973  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

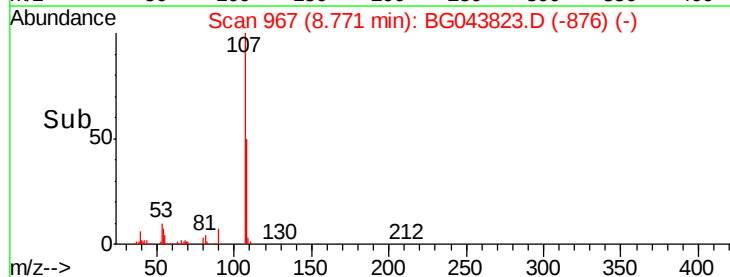
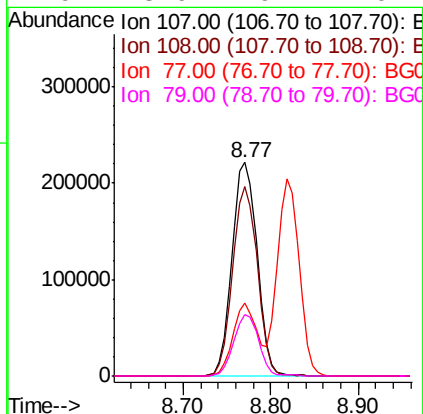
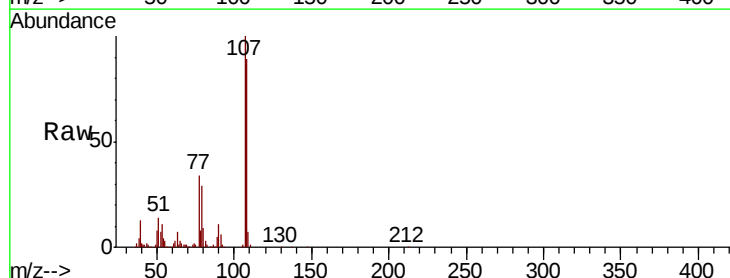
Instrument :  
BNA\_G  
ClientSampleId :

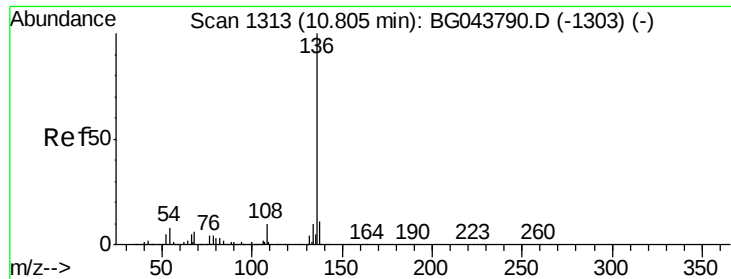
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 259032 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 60.9  | 49.2  | 73.8   |
| 101      | 9.7   | 7.8   | 11.6   |
| 130      | 21.6  | 17.0  | 25.6   |



#20  
3+4-Methylphenols  
Concen: 50.887 ng  
RT: 8.77 min Scan# 967  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 431099 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.9  | 70.9  | 110.9  |
| 77       | 33.9  | 12.7  | 52.7   |
| 79       | 28.9  | 9.1   | 49.1   |

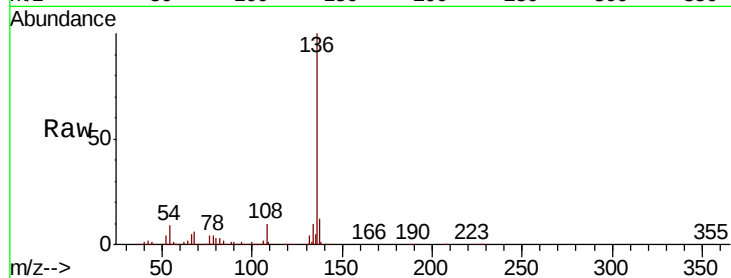




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.80 min Scan# 1313  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 495928 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 12.3    | 8.7   | 13.1   |  |
| 54 9.0      | 6.8   | 10.2   |  |
| 68 6.2      | 5.0   | 7.4    |  |



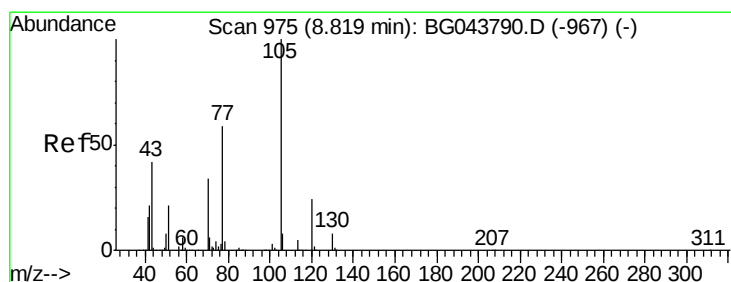
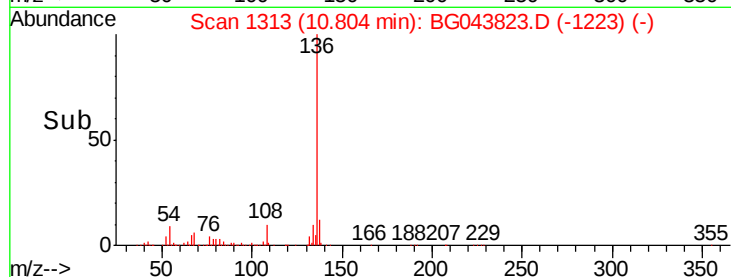
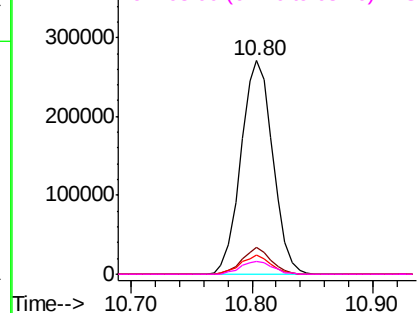
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

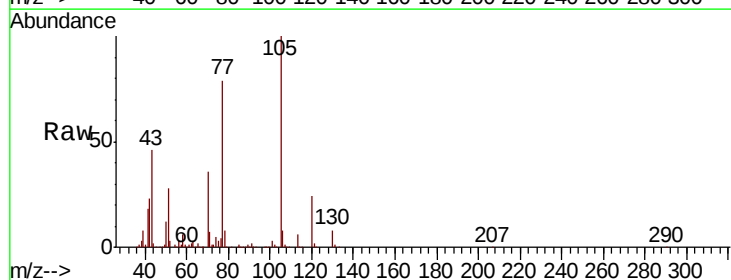
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 37.723 ng  
RT: 8.82 min Scan# 975  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 466558 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 6.7     | 4.9   | 7.3    |
| 51  | 27.6    | 22.2  | 33.4   |
| 120 | 23.6    | 19.0  | 28.6   |



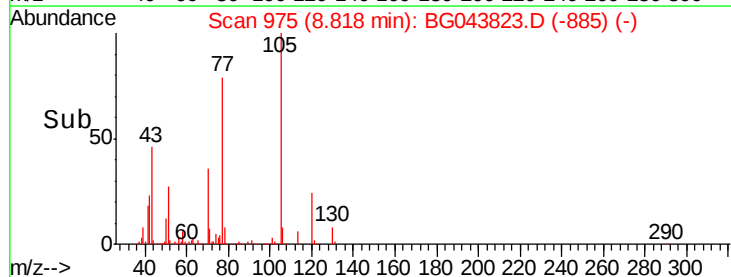
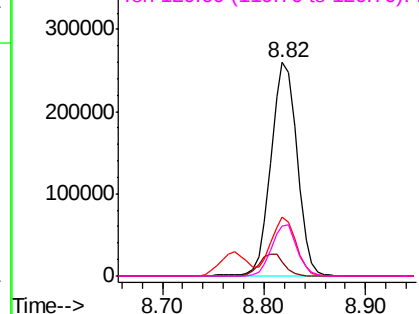
Abundance

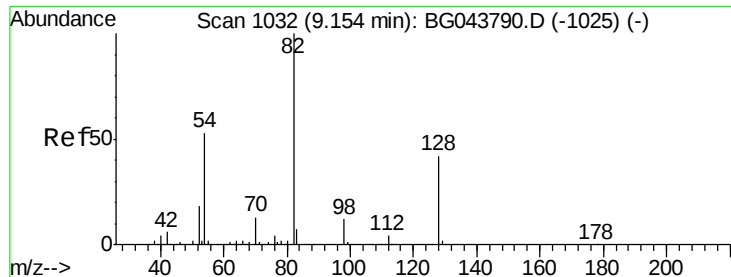
Ion 105.00 (104.70 to 105.70): E

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

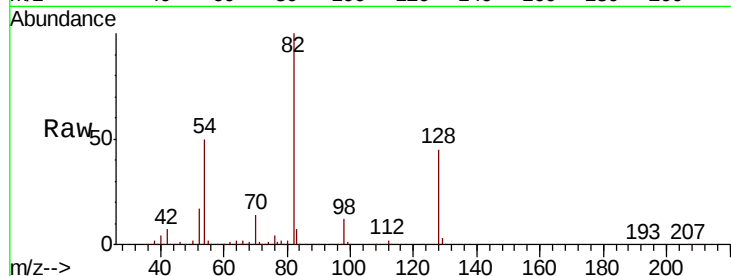




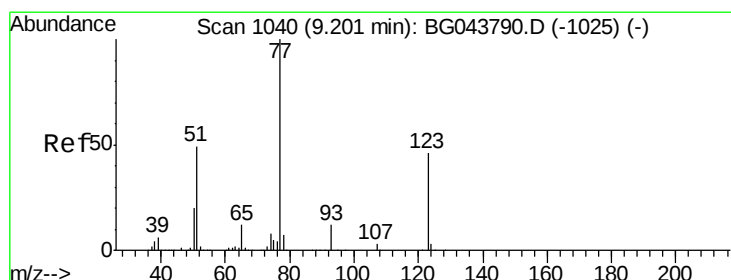
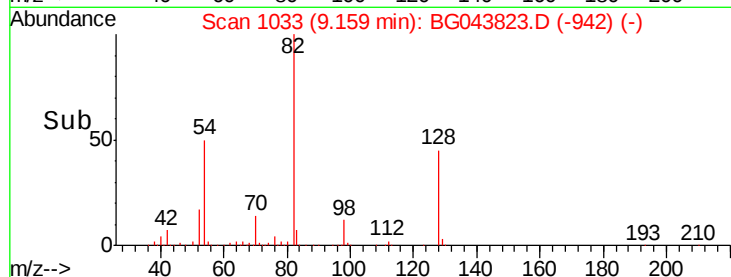
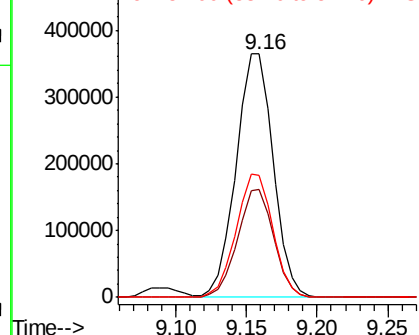
#23  
 Nitrobenzene-d5  
 Concen: 75.725 ng  
 RT: 9.16 min Scan# 1033  
 Delta R.T. 0.00 min  
 Lab File: BG043823.D  
 Acq: 17 Dec 2019 17:22

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 82    | Resp  | 668856 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 44.5  | 33.6  | 50.4   |
| 54        | 50.3  | 42.1  | 63.1   |

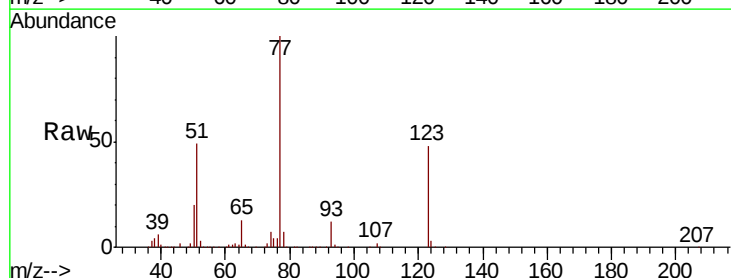


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

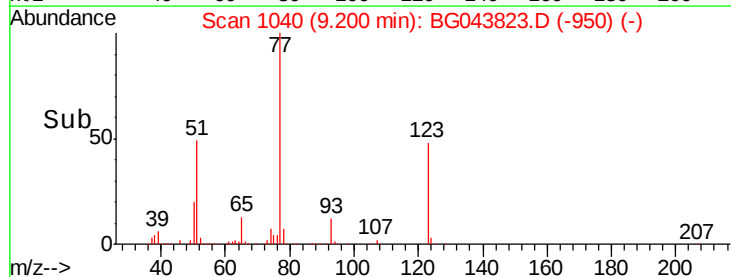
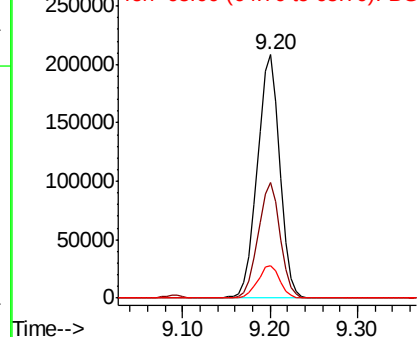


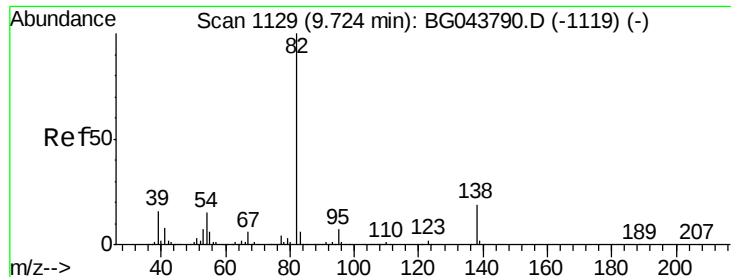
#24  
 Nitrobenzene  
 Concen: 40.360 ng  
 RT: 9.20 min Scan# 1040  
 Delta R.T. -0.00 min  
 Lab File: BG043823.D  
 Acq: 17 Dec 2019 17:22

| Tgt Ion   | 77    | Resp  | 363113 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 47.7  | 36.6  | 55.0   |
| 65        | 13.4  | 9.8   | 14.6   |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
 Ion 123.00 (122.70 to 123.70): BGC  
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.190 ng

RT: 9.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampled :

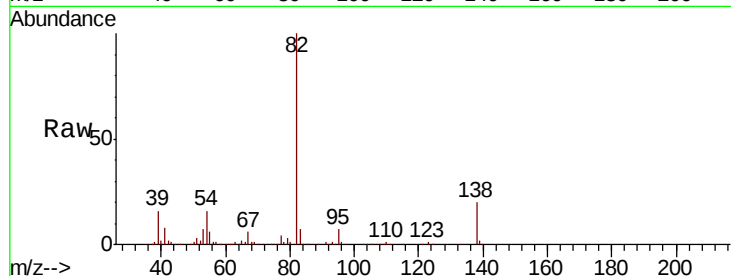
Tot Ion: 82 Resp: 708950

Ion Ratio Lower Upper

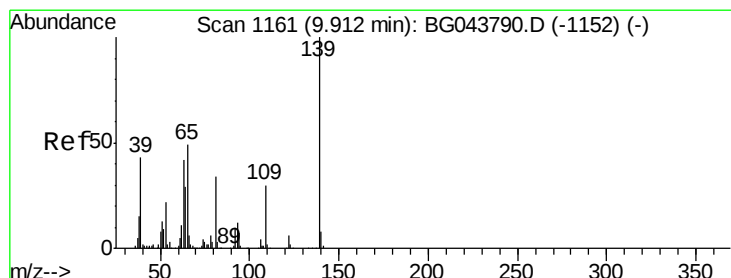
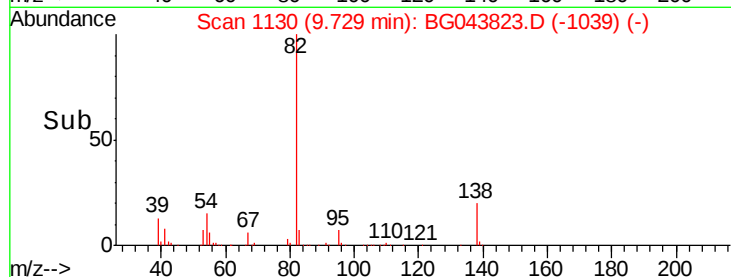
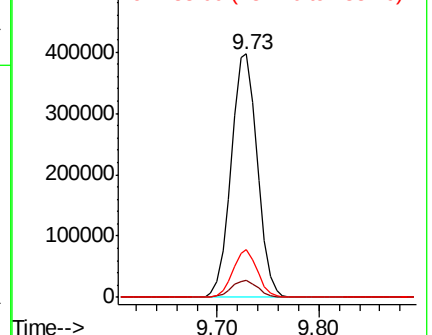
82 100

95 7.1 5.6 8.4

138 19.6 14.8 22.2



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: 50.258 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

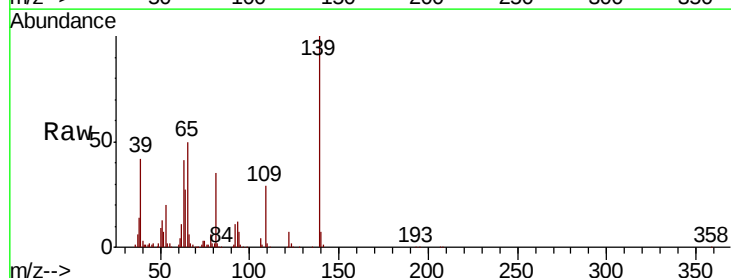
Tgt Ion: 139 Resp: 178467

Ion Ratio Lower Upper

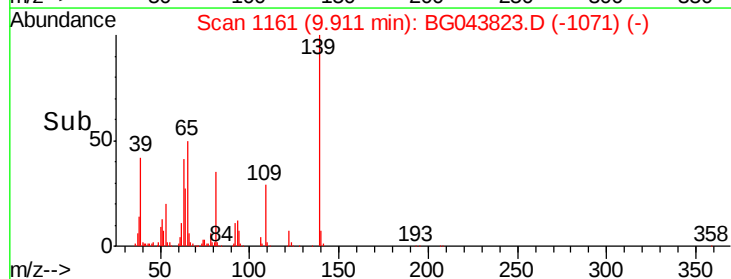
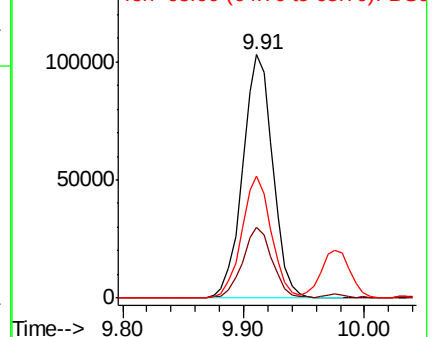
139 100

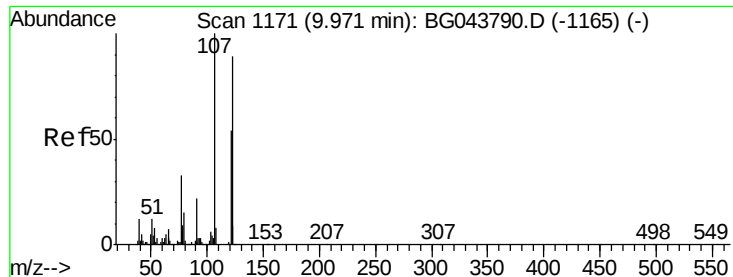
109 28.9 23.9 35.9

65 50.0 39.3 58.9



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: 55.351 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

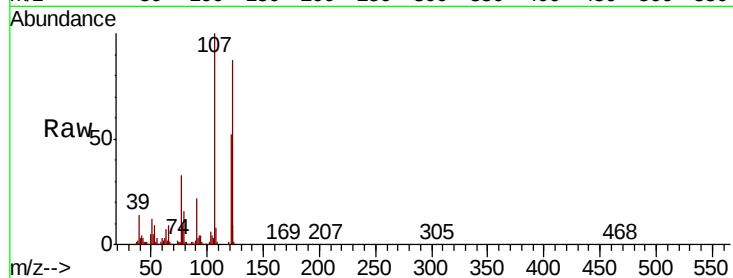
Tot Ion:122 Resp: 345031

Ion Ratio Lower Upper

122 100

107 115.1 90.0 135.0

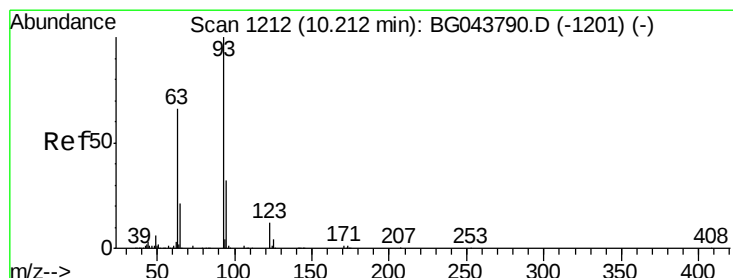
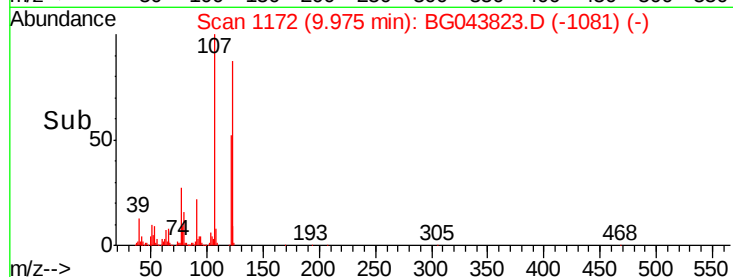
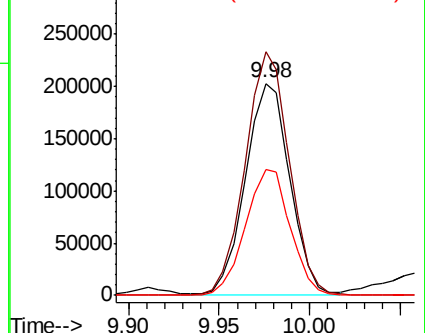
121 59.7 48.6 73.0



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: 39.620 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

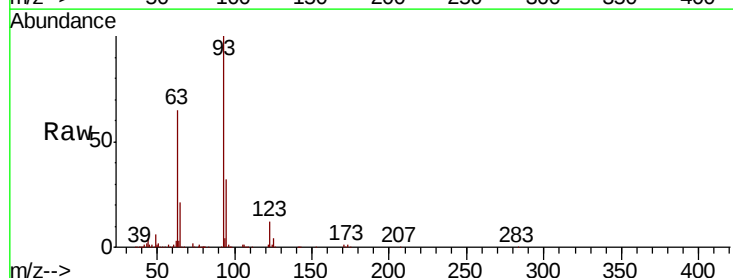
Tgt Ion: 93 Resp: 447370

Ion Ratio Lower Upper

93 100

95 32.3 25.7 38.5

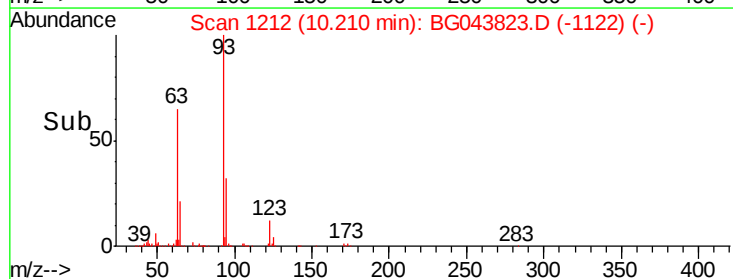
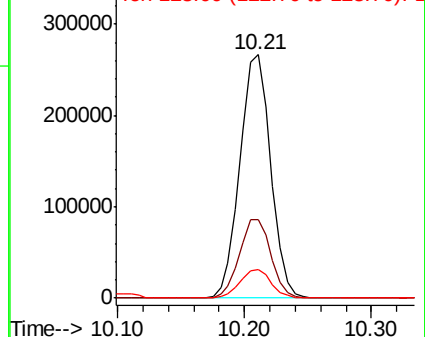
123 11.5 9.5 14.3

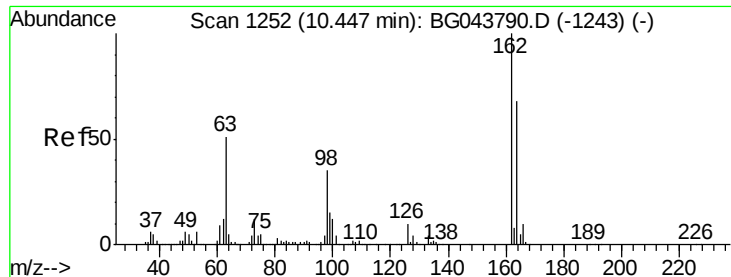


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.178 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampled :

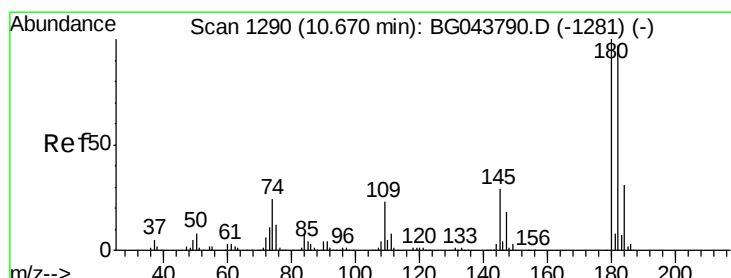
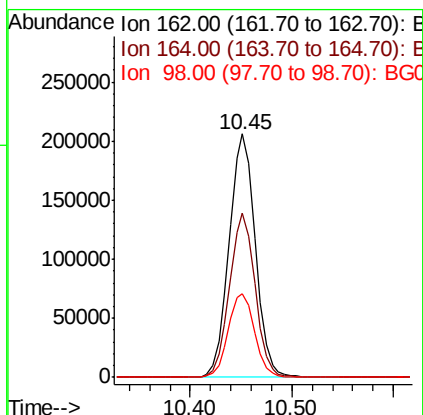
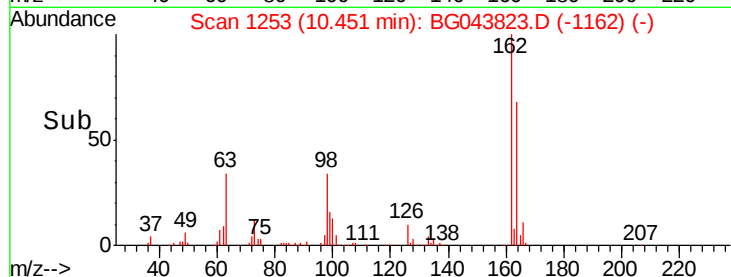
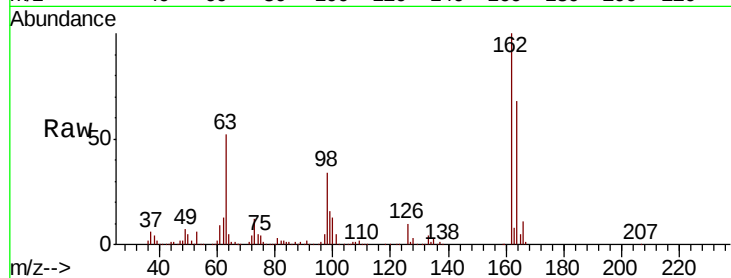
Tot Ion:162 Resp: 368799

Ion Ratio Lower Upper

162 100

164 67.7 48.0 88.0

98 34.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 38.020 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

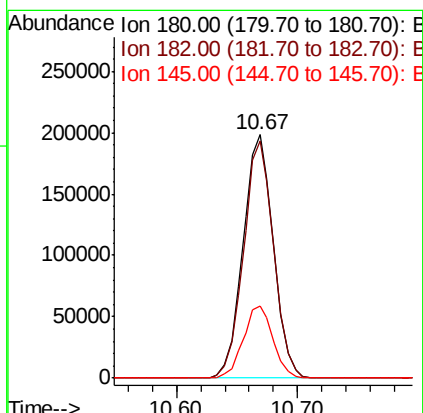
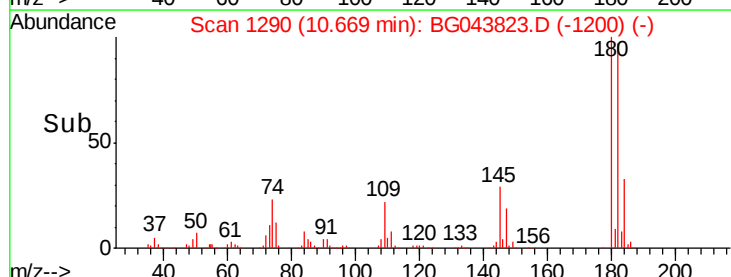
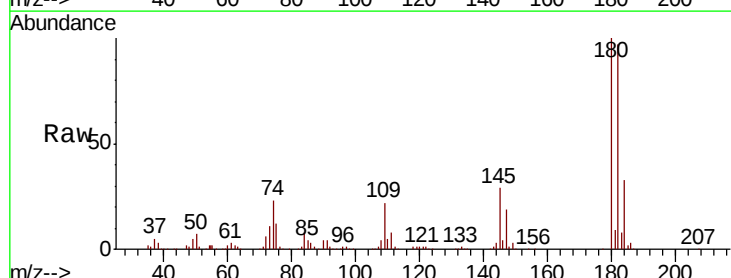
Tgt Ion:180 Resp: 344520

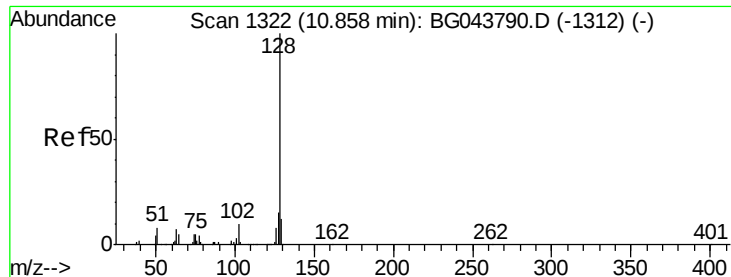
Ion Ratio Lower Upper

180 100

182 97.4 77.8 116.8

145 29.4 23.0 34.6

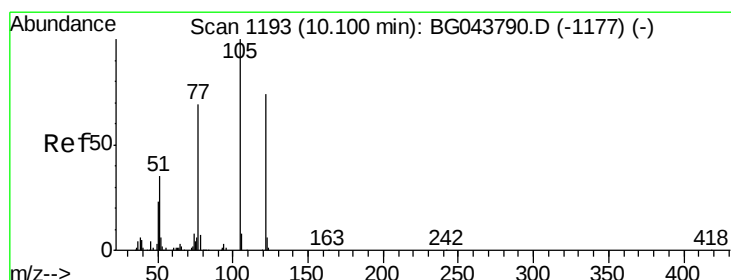
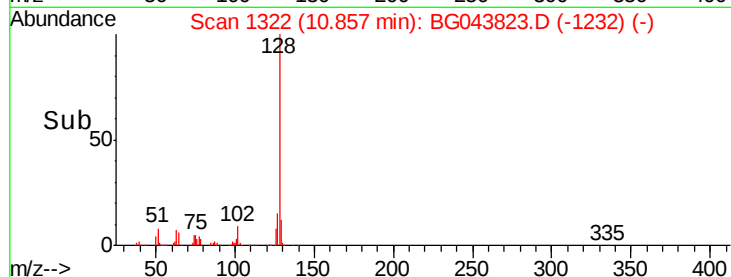
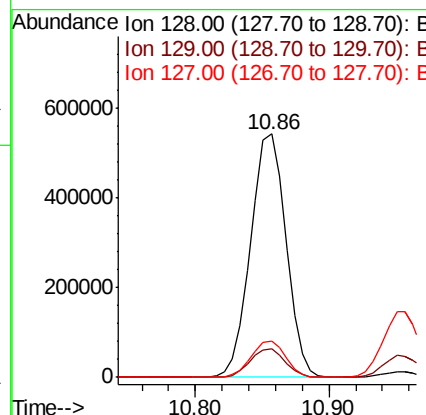
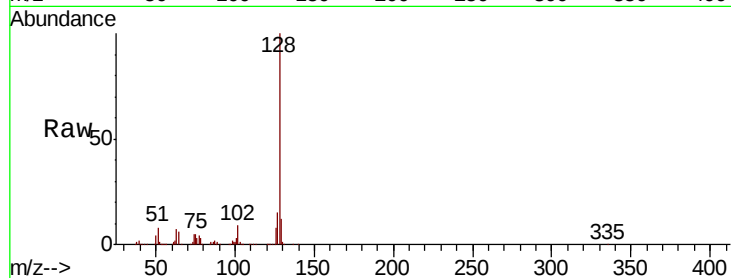




#31  
Naphthalene  
Concen: 41.757 ng  
RT: 10.86 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

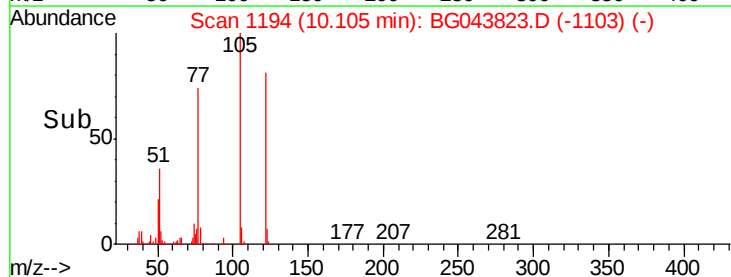
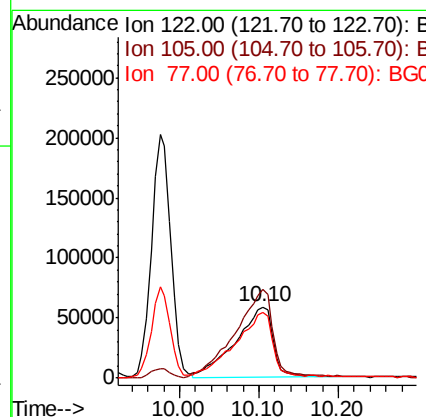
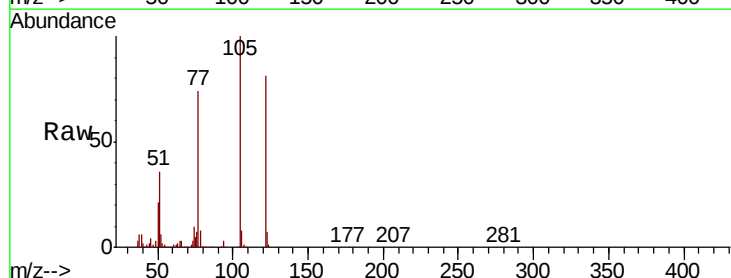
Instrument :  
BNA\_G  
ClientSampleId :

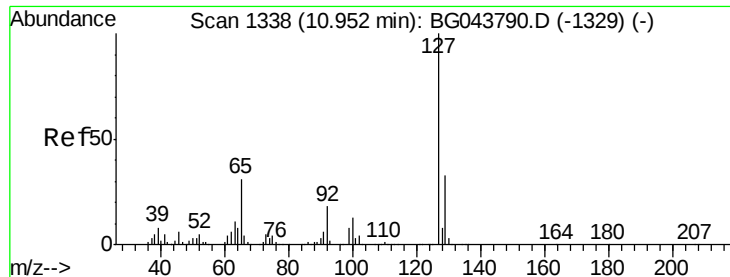
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 9.8   | 14.6  |
| 127     | 14.7  | 11.9  | 17.9  |



#32  
Benzoic acid  
Concen: 45.026 ng  
RT: 10.10 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 124.1 | 107.5 | 147.5 |
| 77      | 92.4  | 71.7  | 111.7 |

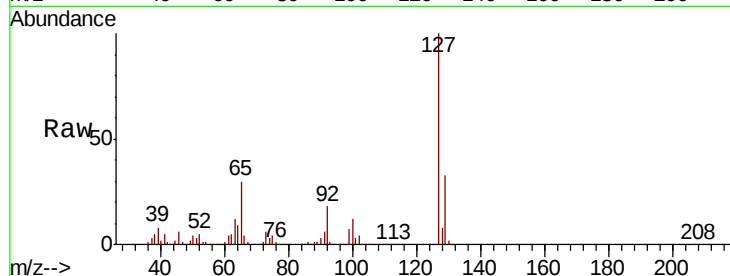




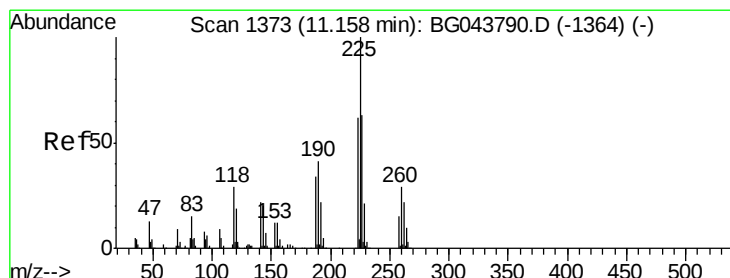
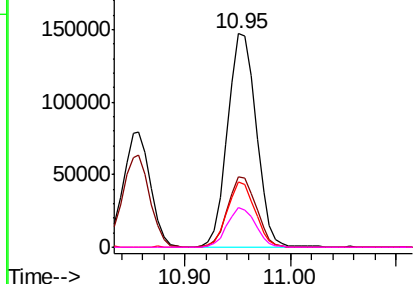
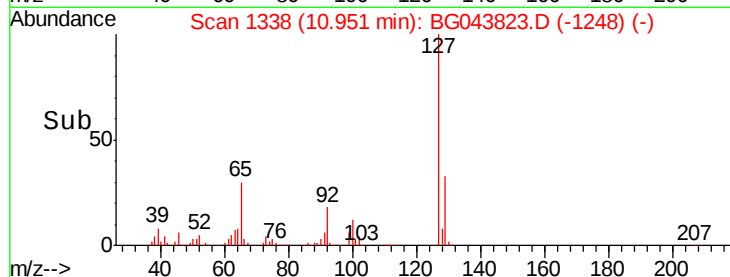
#33  
4-Chloroaniline  
Concen: 23.894 ng  
RT: 10.95 min Scan# 1338  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 275674 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 26.1  | 39.1   |
| 65       | 30.3  | 24.4  | 36.6   |
| 92       | 18.3  | 14.6  | 22.0   |

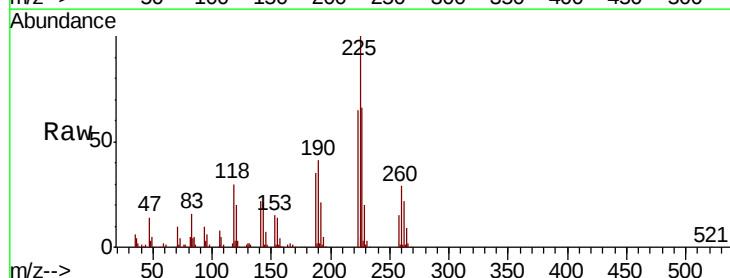


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

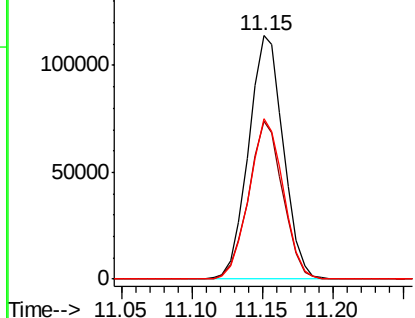
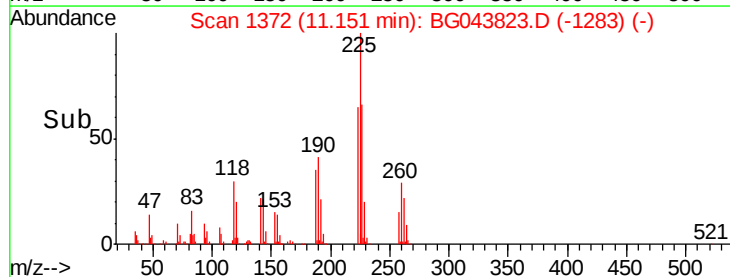


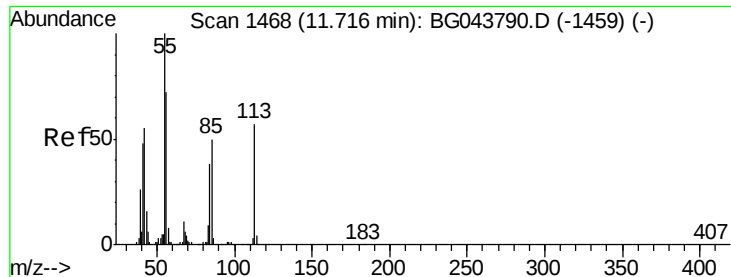
#34  
Hexachlorobutadiene  
Concen: 35.674 ng  
RT: 11.15 min Scan# 1372  
Delta R.T. -0.01 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 195869 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.0  | 49.3  | 73.9   |
| 227      | 65.7  | 50.2  | 75.2   |



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: 32.641 ng

RT: 11.72 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

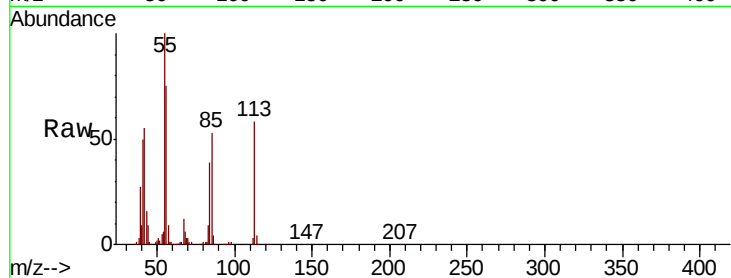
Tot Ion:113 Resp: 98059

Ion Ratio Lower Upper

113 100

55 172.3 154.2 194.2

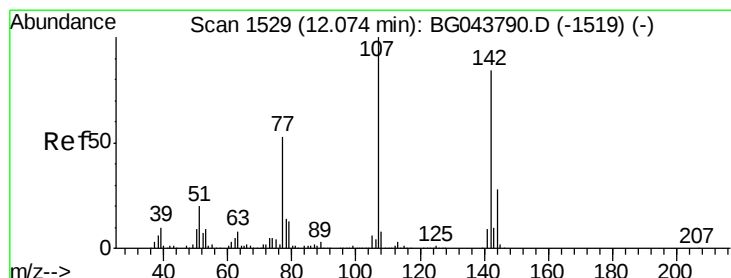
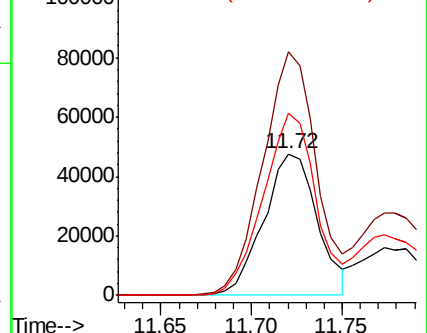
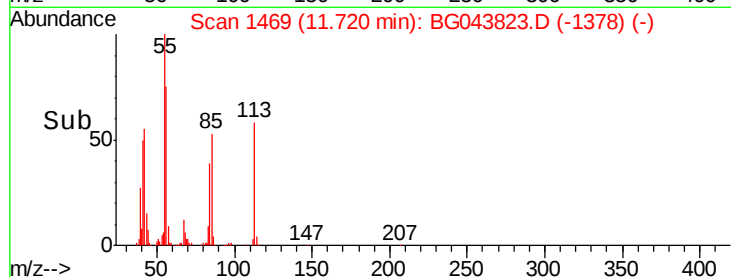
56 128.8 105.6 145.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.349 ng

RT: 12.08 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

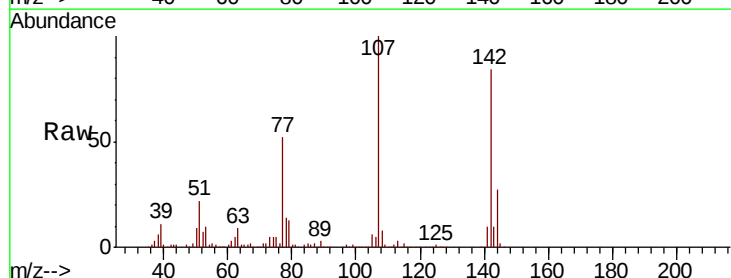
Tgt Ion:107 Resp: 406683

Ion Ratio Lower Upper

107 100

144 27.4 22.2 33.4

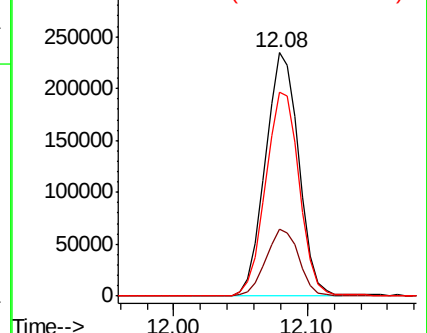
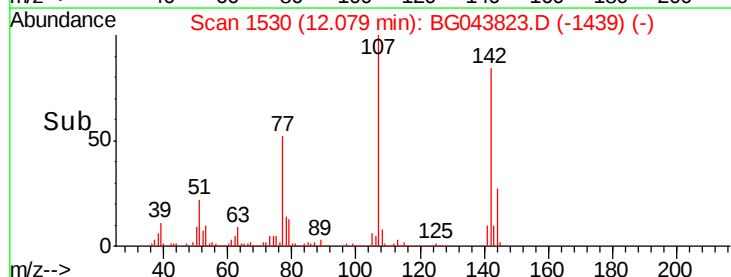
142 83.8 67.0 100.6

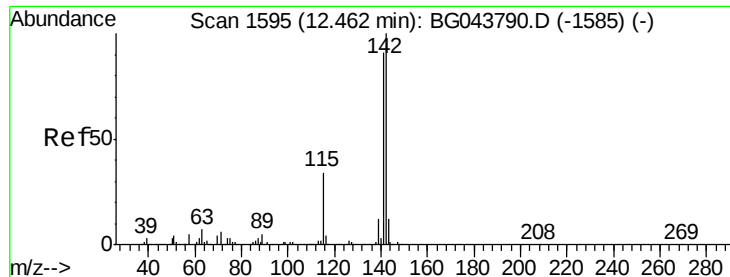


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

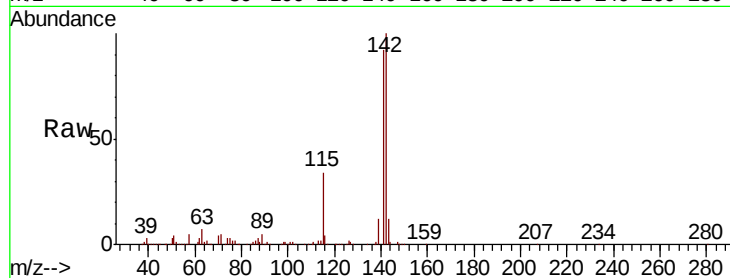




#37  
2-Methylnaphthalene  
Concen: 43.104 ng  
RT: 12.46 min Scan# 1595  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.4  | 73.2  | 109.8 |
| 115     | 33.9  | 27.3  | 40.9  |

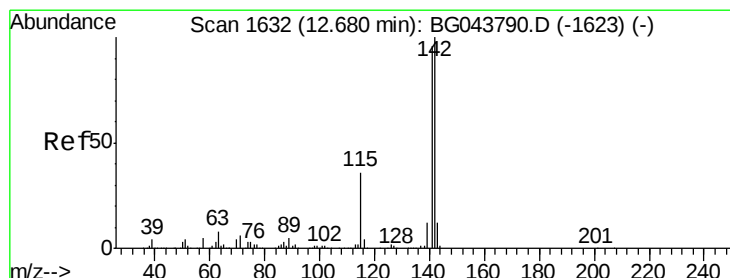
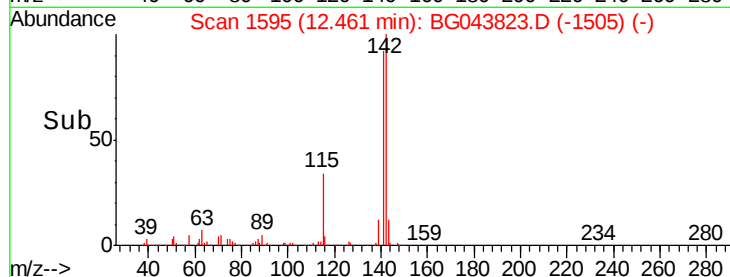
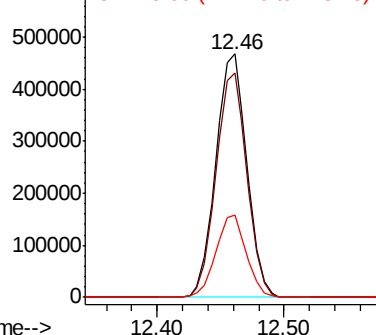


Abundance

Ion 142.00 (141.70 to 142.70): E

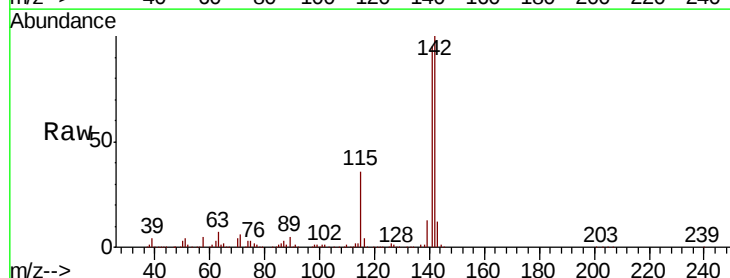
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 43.197 ng  
RT: 12.68 min Scan# 1632  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.1  | 76.9  | 115.3 |
| 116     | 3.9   | 3.2   | 4.8   |

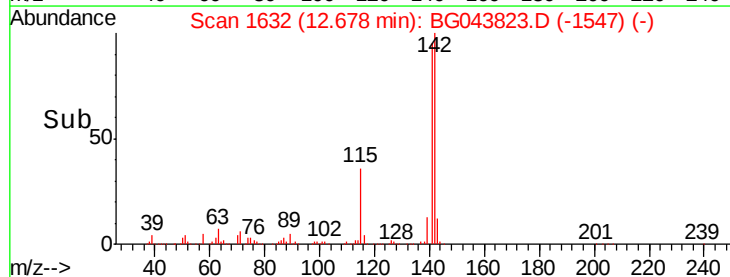
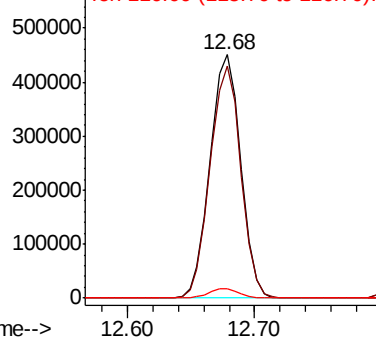


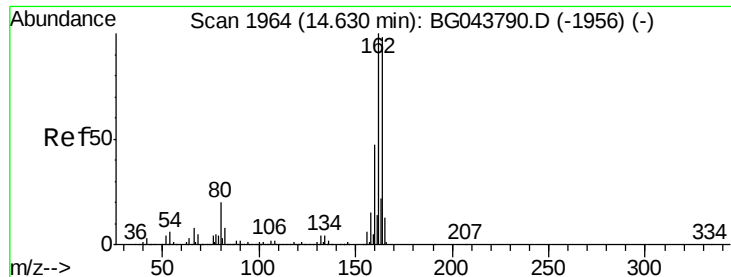
Abundance

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: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

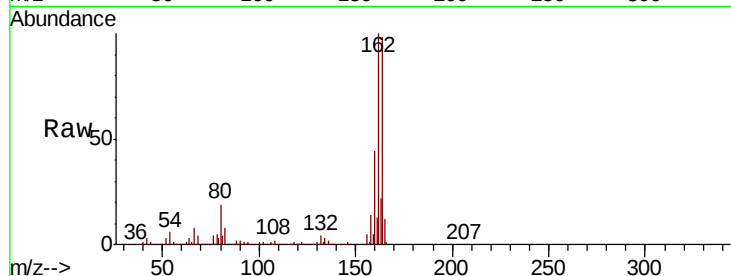
Tot Ion:164 Resp: 376898

Ion Ratio Lower Upper

164 100

162 102.1 81.9 122.9

160 44.7 38.3 57.5

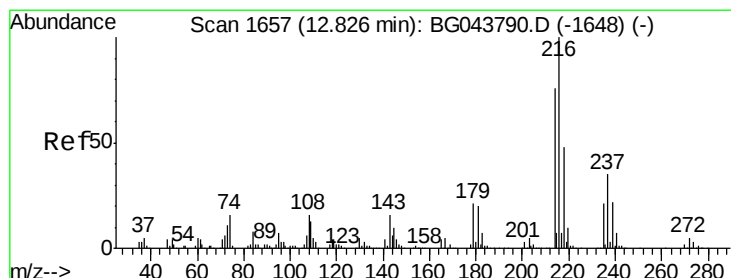
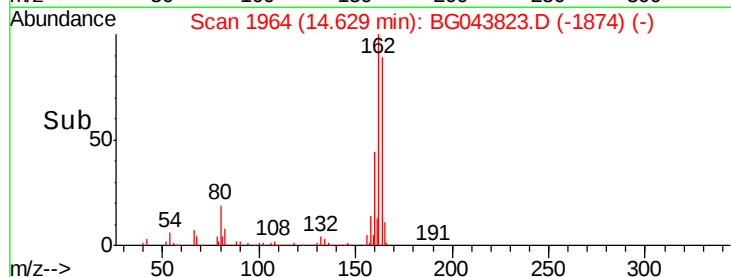
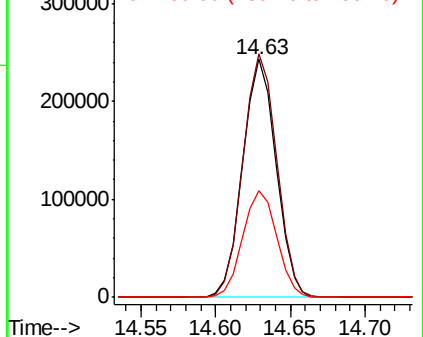


Abundance

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: 35.260 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:216 Resp: 399337

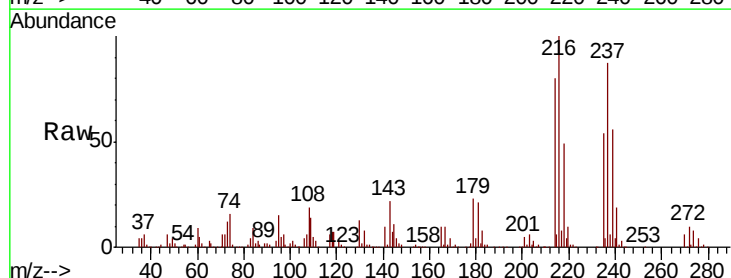
Ion Ratio Lower Upper

216 100

214 79.1 62.2 93.4

179 21.6 16.6 25.0

108 18.9 13.7 20.5



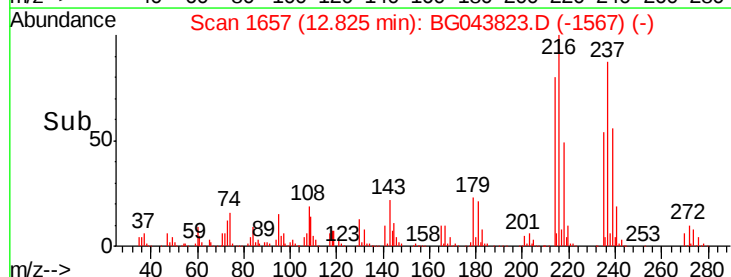
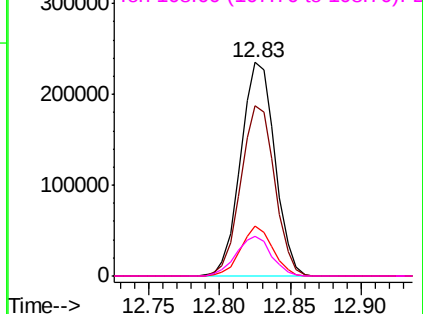
Abundance

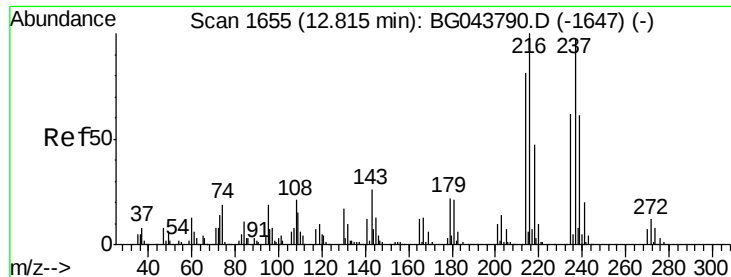
Ion 216.00 (215.70 to 216.70): E

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: 89.140 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

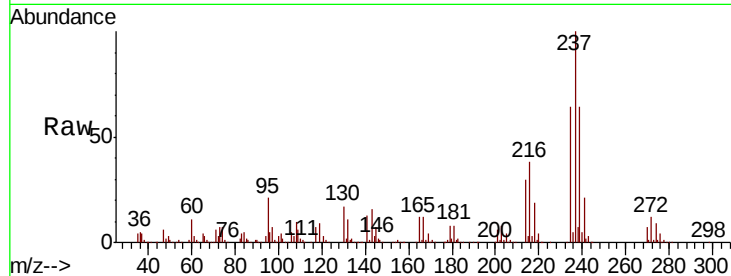
Tot Ion:237 Resp: 473851

Ion Ratio Lower Upper

237 100

235 63.8 43.9 83.9

272 11.6 0.0 32.0

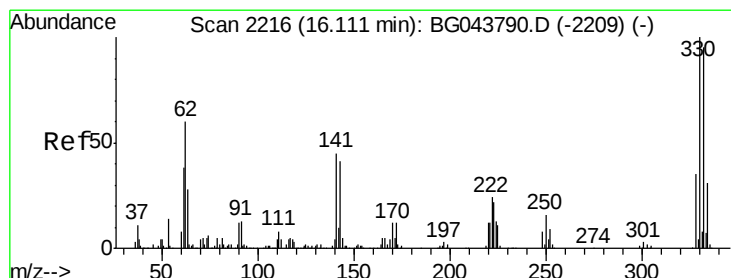
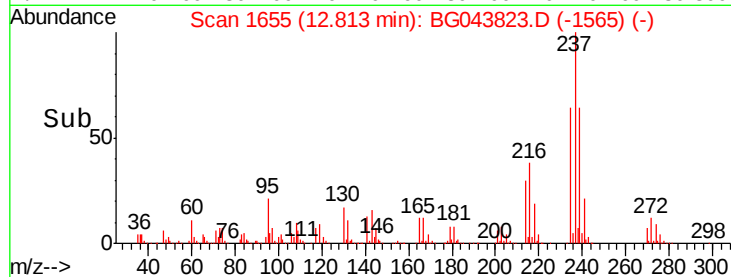
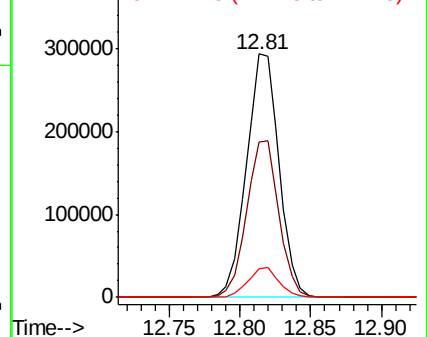


Abundance

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: 129.026 ng

RT: 16.12 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

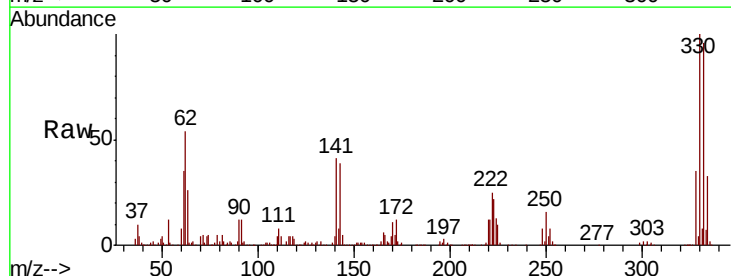
Tgt Ion:330 Resp: 463610

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 40.7 33.8 50.8

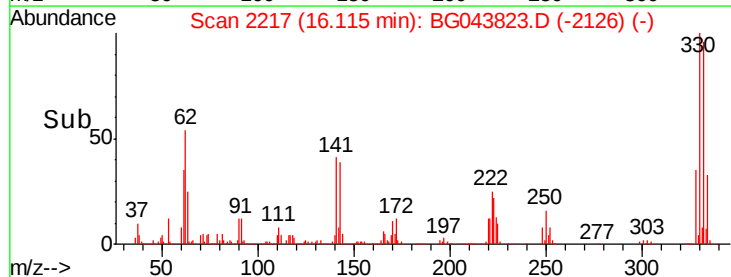
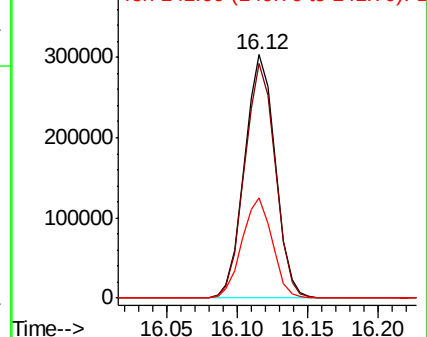


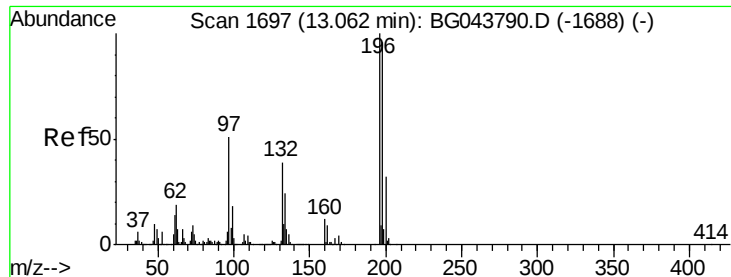
Abundance

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

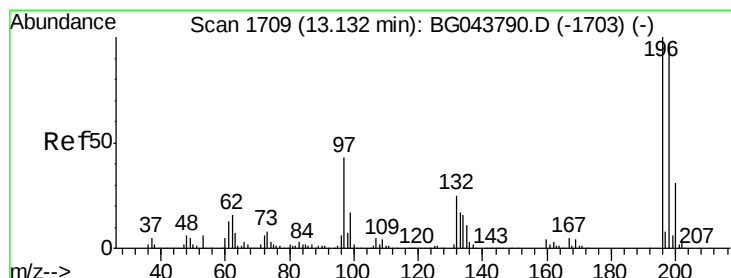
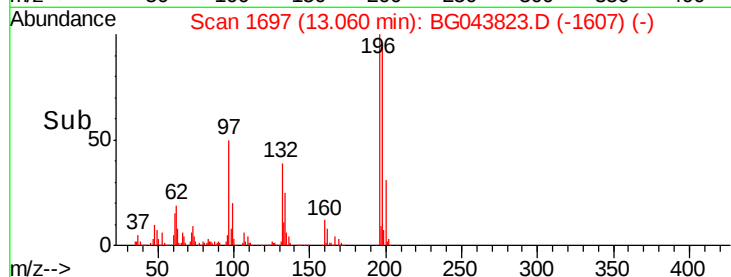
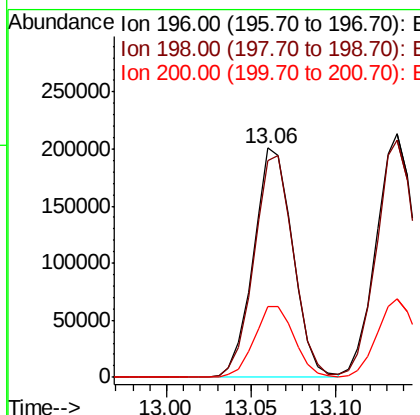
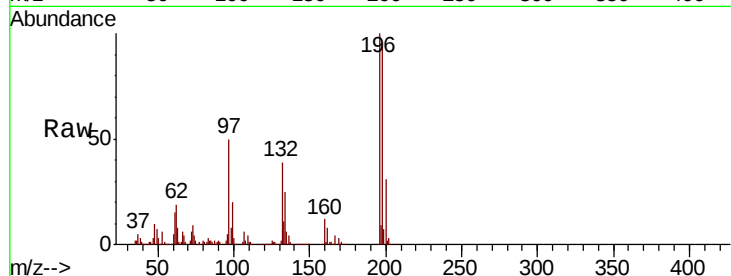




#43  
 2,4,6-Trichlorophenol  
 Concen: 45.100 ng  
 RT: 13.06 min Scan# 1697  
 Delta R.T. -0.00 min  
 Lab File: BG043823.D  
 Acq: 17 Dec 2019 17:22

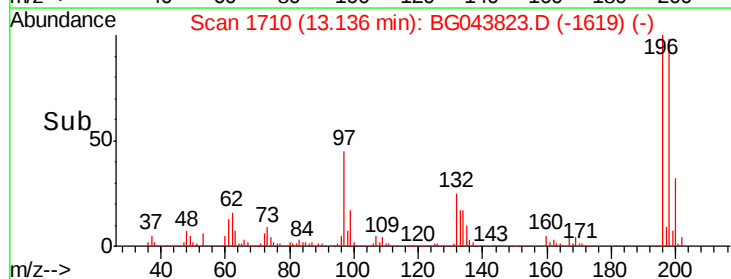
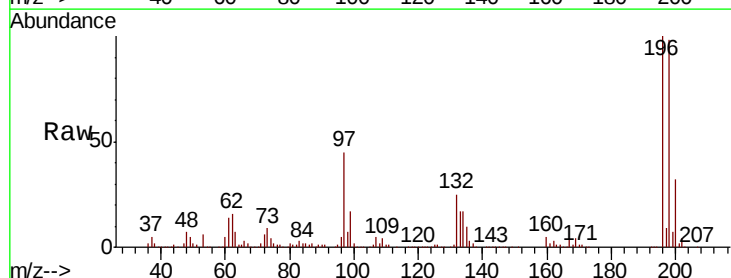
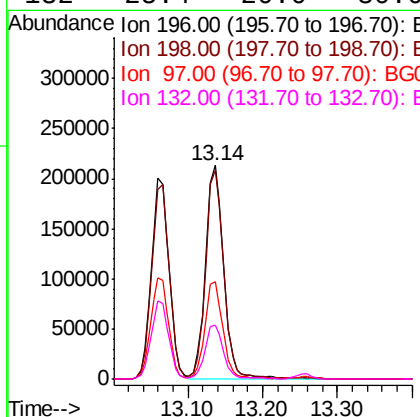
Instrument :  
 BNA\_G  
 ClientSampleId :

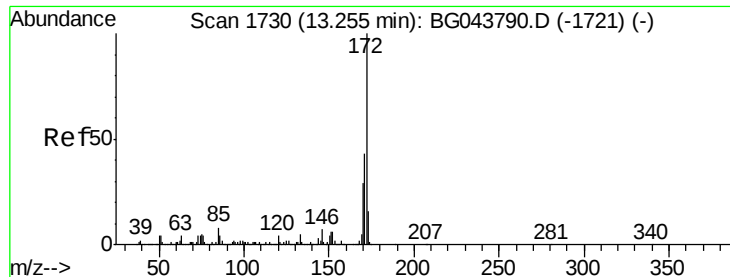
| Tot Ion   | 196   | Resp  | 324647 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.3  | 77.0  | 115.6  |
| 200       | 31.1  | 25.7  | 38.5   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.848 ng  
 RT: 13.14 min Scan# 1710  
 Delta R.T. 0.00 min  
 Lab File: BG043823.D  
 Acq: 17 Dec 2019 17:22

| Tgt Ion   | 196   | Resp  | 360846 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.6  | 77.4  | 116.0  |
| 97        | 45.4  | 34.7  | 52.1   |
| 132       | 25.4  | 20.0  | 30.0   |



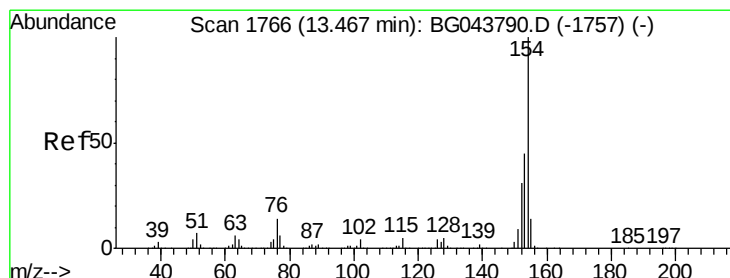
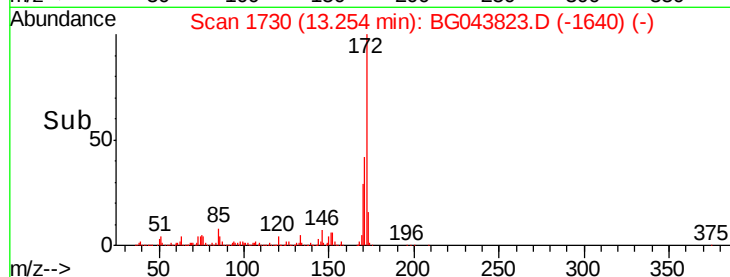
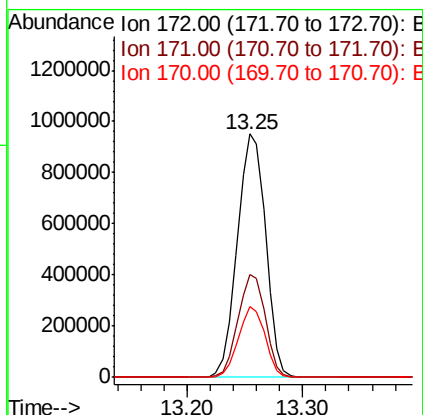
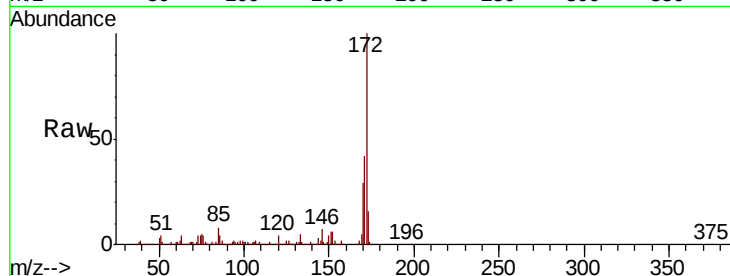


#45  
 2-Fluorobiphenyl  
 Concen: 75.137 ng  
 RT: 13.25 min Scan# 1730  
 Delta R.T. -0.00 min  
 Lab File: BG043823.D  
 Acq: 17 Dec 2019 17:22

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:172 Resp: 1612167  

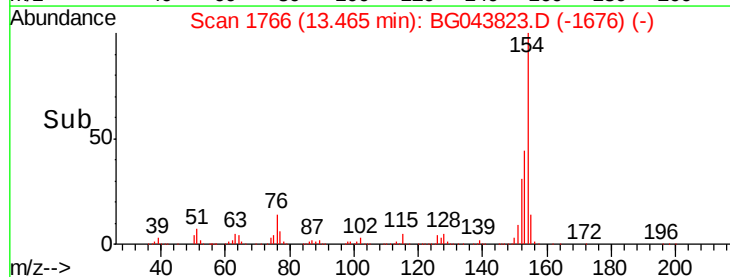
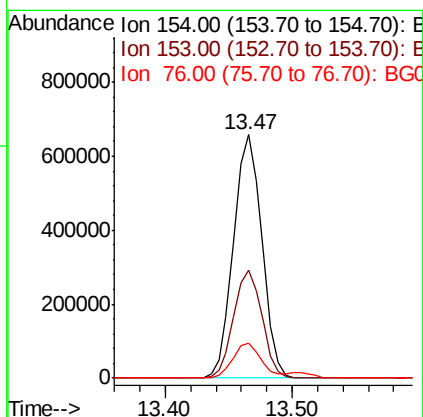
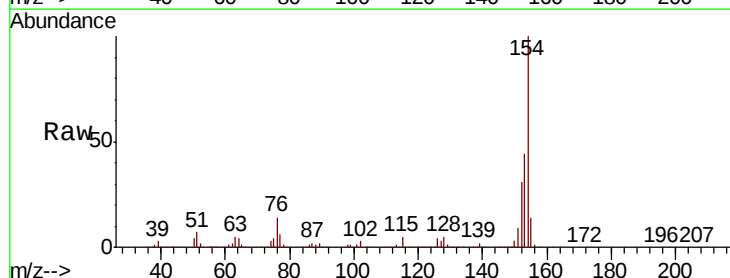
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 42.5  | 34.6  | 51.8  |
| 170 | 28.9  | 23.3  | 34.9  |

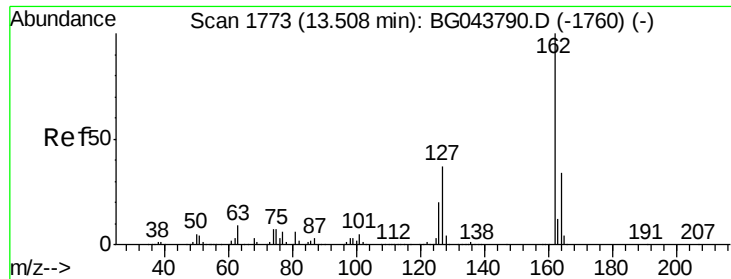


#46  
 1,1'-Biphenyl  
 Concen: 39.043 ng  
 RT: 13.47 min Scan# 1766  
 Delta R.T. -0.00 min  
 Lab File: BG043823.D  
 Acq: 17 Dec 2019 17:22

Tgt Ion:154 Resp: 1014488  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 44.4  | 24.5  | 64.5  |
| 76  | 14.2  | 0.0   | 33.9  |

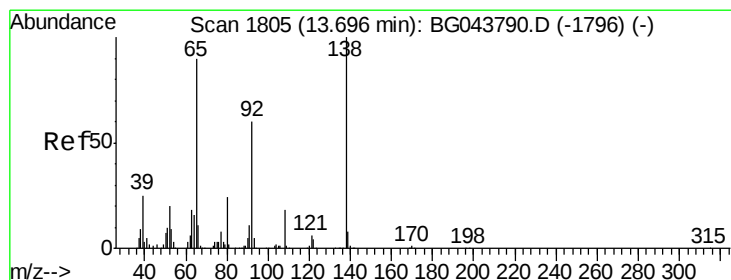
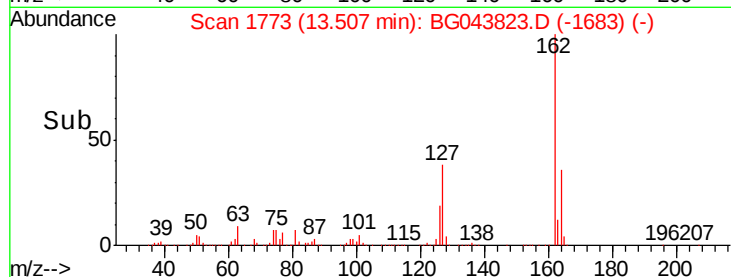
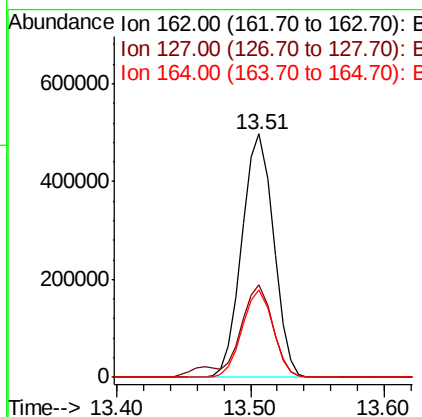
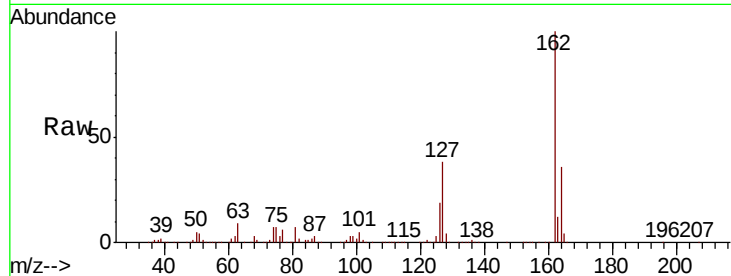




#47  
2-Chloronaphthalene  
Concen: 38.509 ng  
RT: 13.51 min Scan# 1773  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

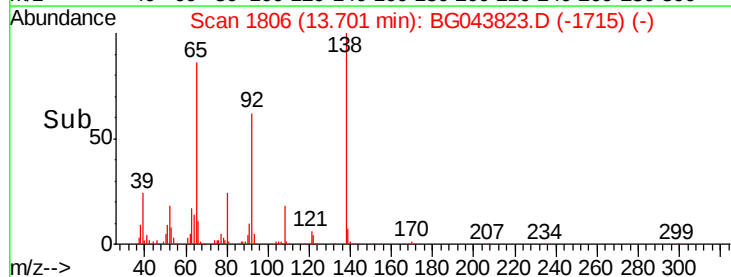
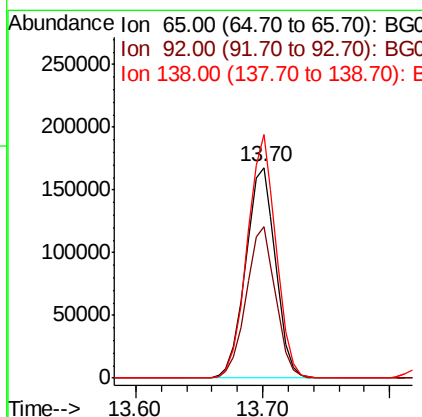
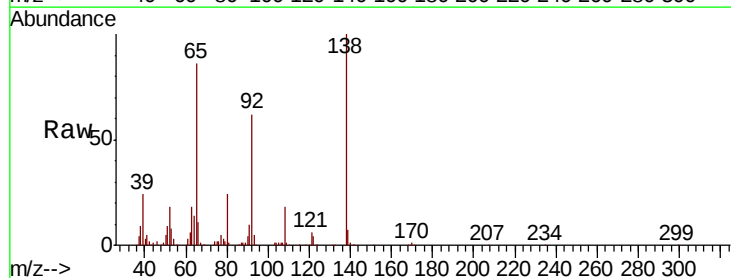
Instrument :  
BNA\_G  
ClientSampleId :

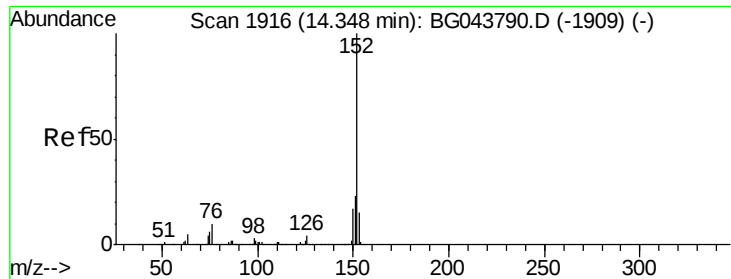
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.8  | 30.0  | 45.0  |
| 164     | 35.9  | 27.6  | 41.4  |



#48  
2-Nitroaniline  
Concen: 43.904 ng  
RT: 13.70 min Scan# 1806  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.9  | 53.7  | 80.5  |
| 138     | 115.7 | 88.8  | 133.2 |





#49

Acenaphthylene

Concen: 42.281 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

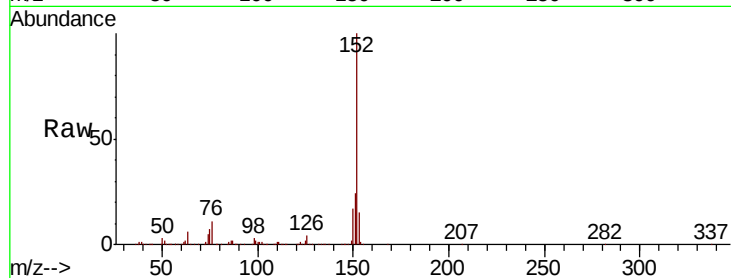
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:152 Resp: 1337893

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 24.1  | 18.5  | 27.7  |
| 153 | 15.3  | 11.8  | 17.8  |

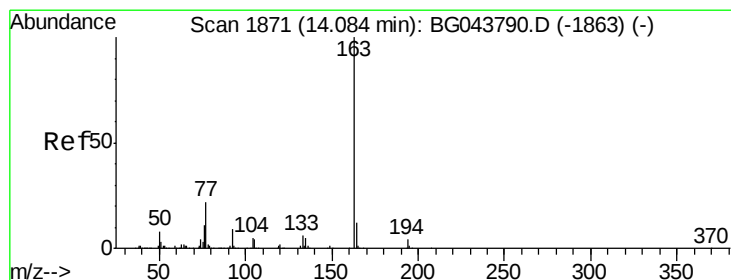
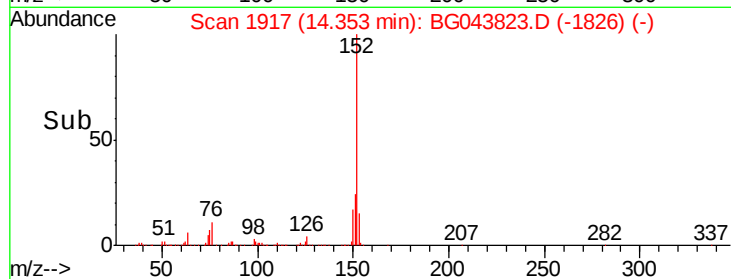
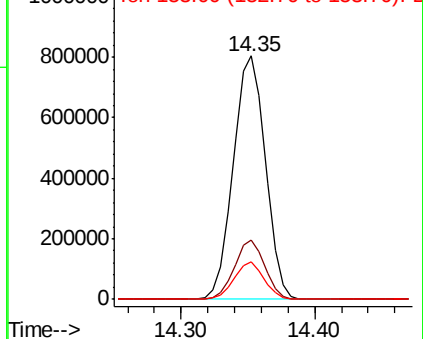


Abundance

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: 41.071 ng

RT: 14.09 min Scan# 1872

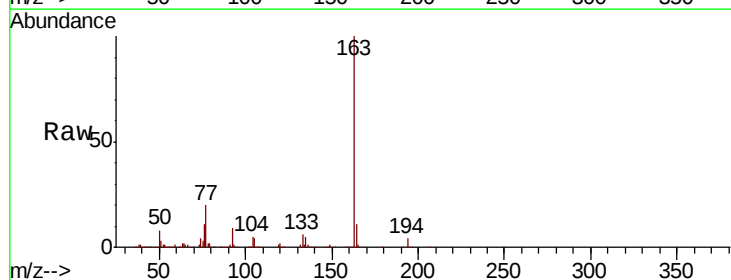
Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:163 Resp: 1104843

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.4   | 3.6   | 5.4   |
| 164 | 11.2  | 9.4   | 14.0  |

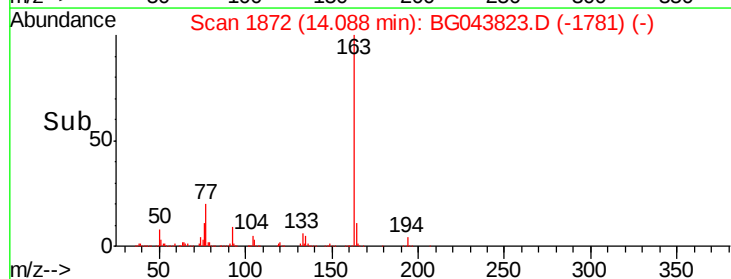
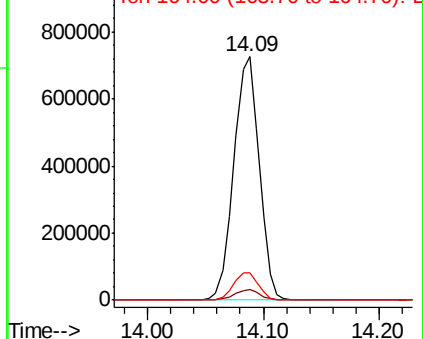


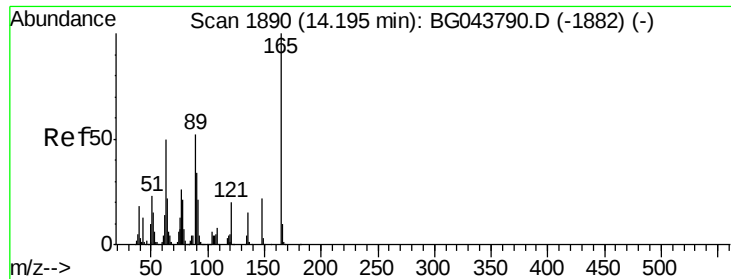
Abundance

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

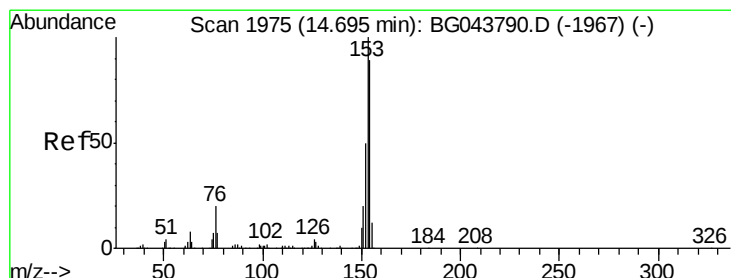
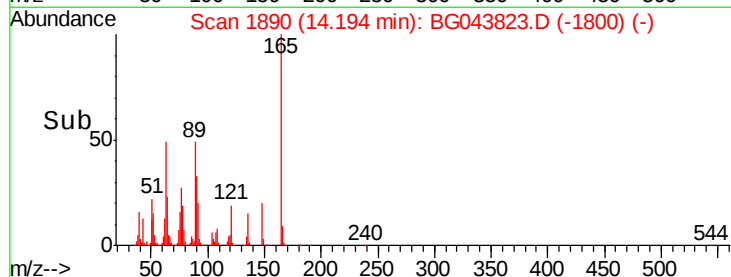
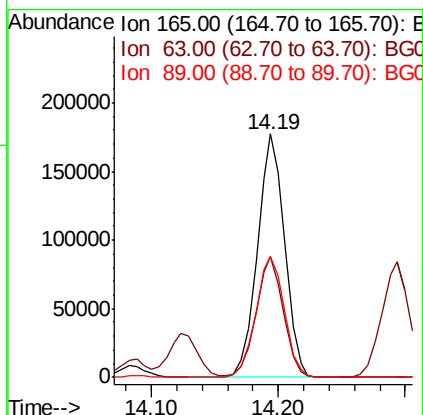
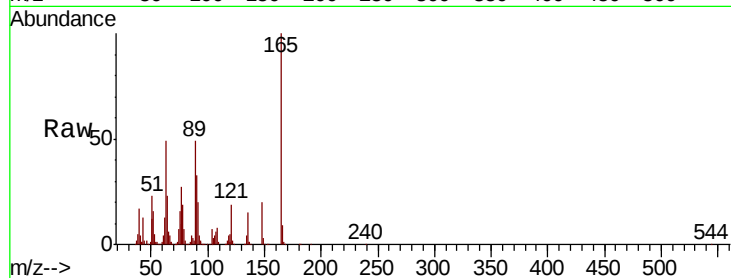




#51  
2,6-Dinitrotoluene  
Concen: 45.548 ng  
RT: 14.19 min Scan# 1890  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

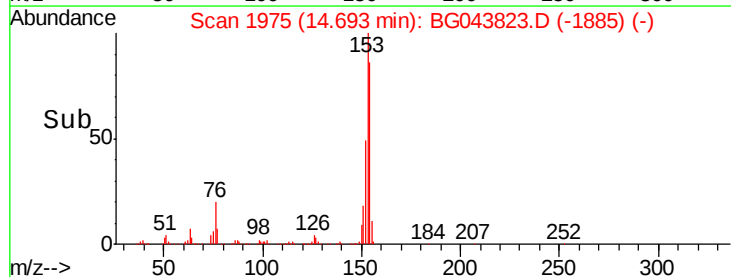
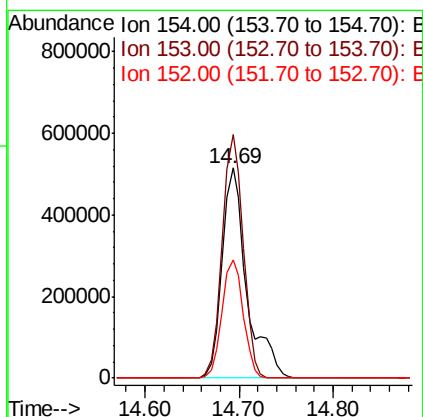
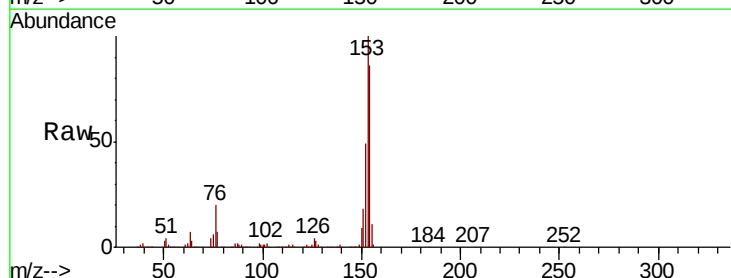
Instrument :  
BNA\_G  
ClientSampleId :

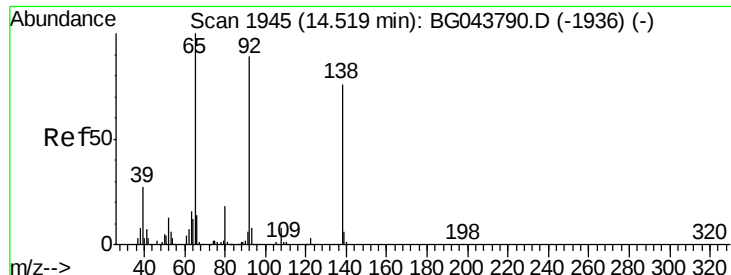
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.5  | 40.3  | 60.5  |
| 89      | 49.3  | 41.8  | 62.8  |



#52  
Acenaphthene  
Concen: 45.409 ng  
RT: 14.69 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.8 | 89.5  | 134.3 |
| 152     | 56.4  | 45.0  | 67.4  |

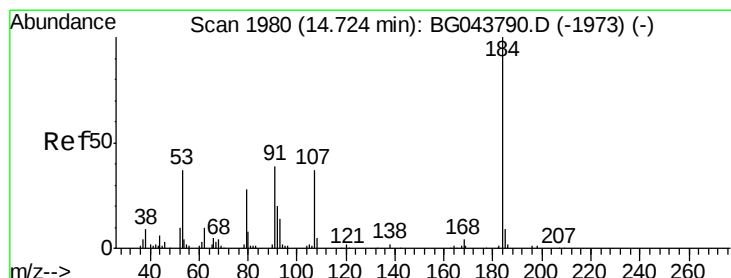
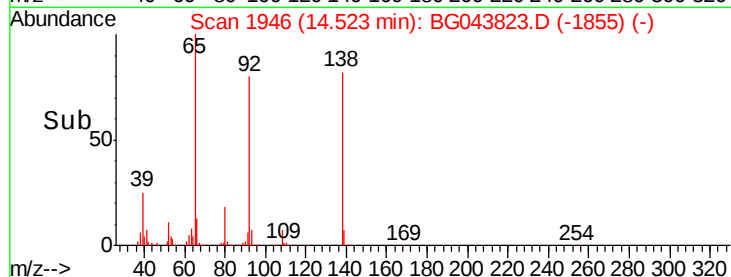
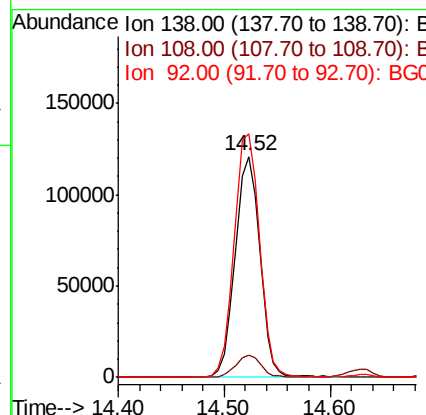
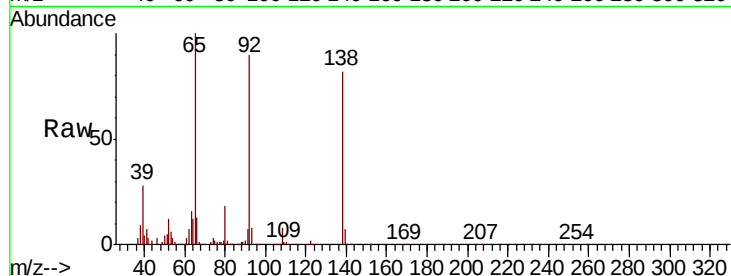




#53  
3-Nitroaniline  
Concen: 29.393 ng  
RT: 14.52 min Scan# 1946  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

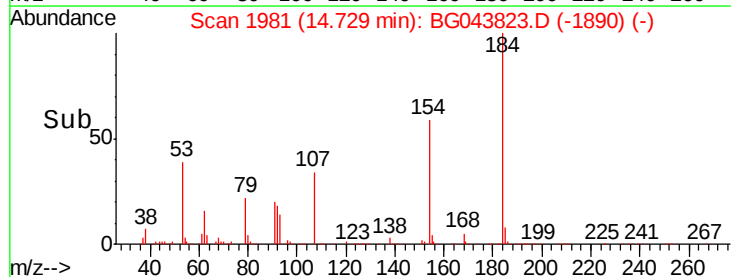
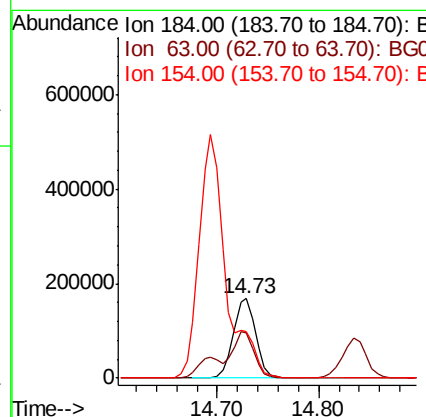
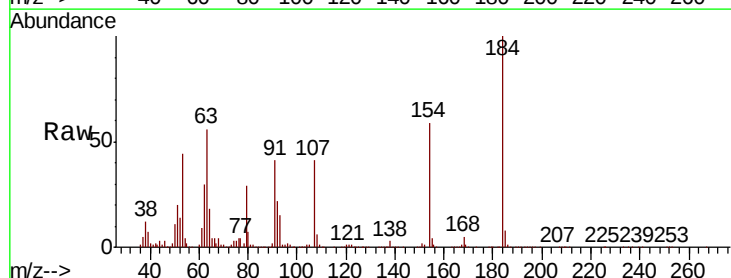
Instrument :  
BNA\_G  
ClientSampleId :

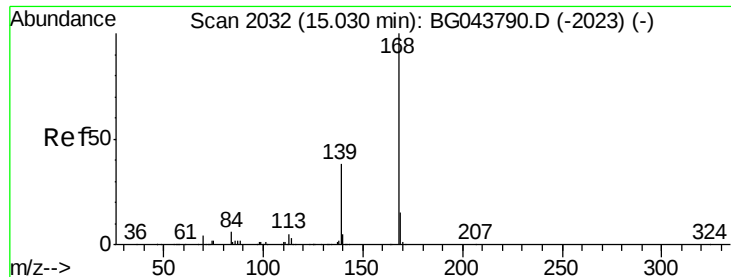
Tot Ion:138 Resp: 194995  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.1 12.1  
92 110.1 94.6 141.8



#54  
2,4-Dinitrophenol  
Concen: 99.553 ng  
RT: 14.73 min Scan# 1981  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Tgt Ion:184 Resp: 260131  
Ion Ratio Lower Upper  
184 100  
63 56.2 43.4 65.0  
154 58.8 54.8 82.2

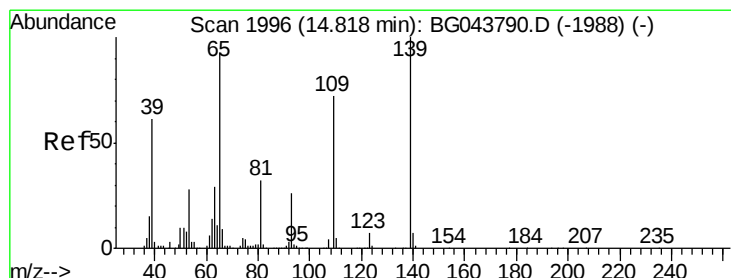
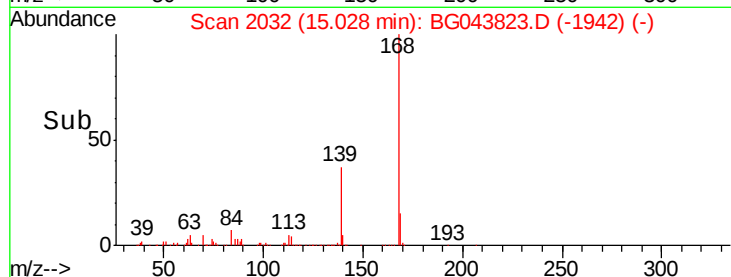
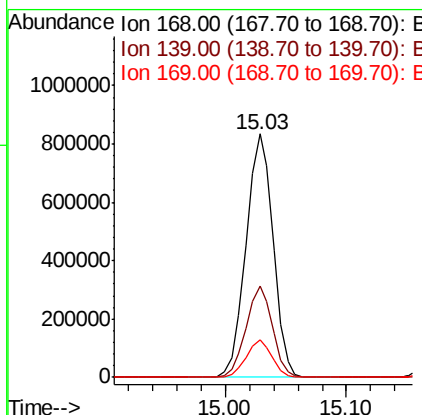
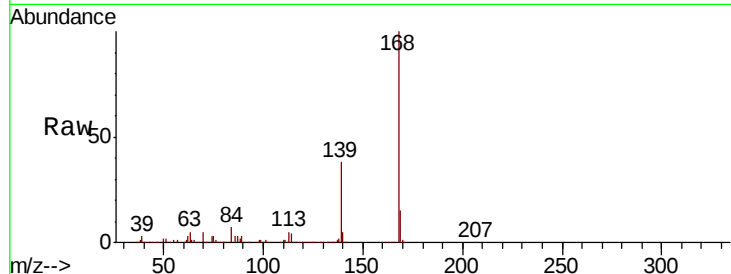




#55  
Dibenzenofuran  
Concen: 42.353 ng  
RT: 15.03 min Scan# 2032  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

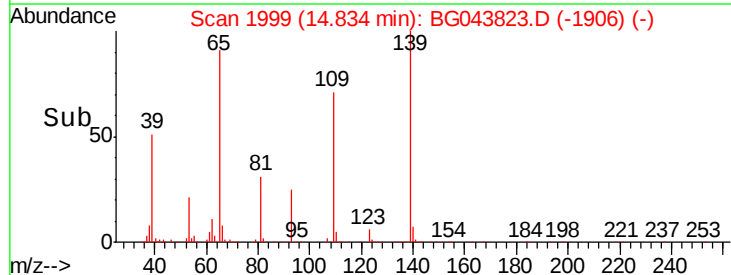
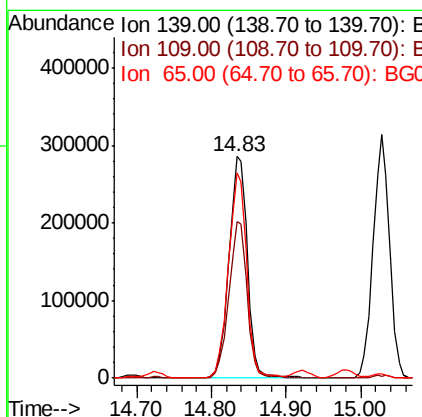
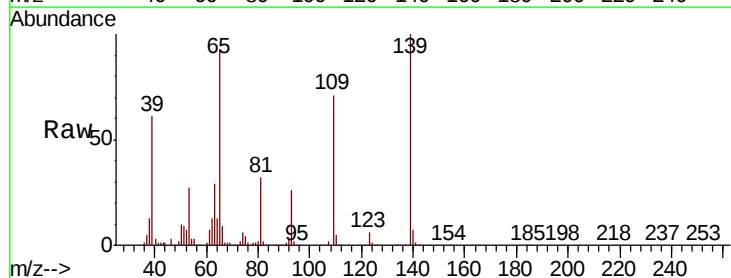
Instrument :  
BNA\_G  
ClientSampleId :

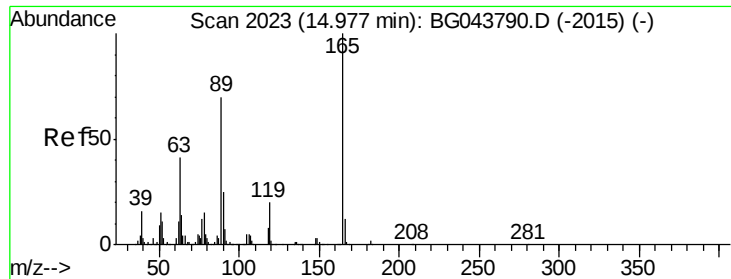
Tot Ion:168 Resp: 1305064  
Ion Ratio Lower Upper  
168 100  
139 37.6 30.4 45.6  
169 15.4 12.0 18.0



#56  
4-Nitrophenol  
Concen: 102.336 ng  
RT: 14.83 min Scan# 1999  
Delta R.T. 0.02 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Tgt Ion:139 Resp: 495295  
Ion Ratio Lower Upper  
139 100  
109 70.9 51.5 91.5  
65 92.7 73.7 113.7

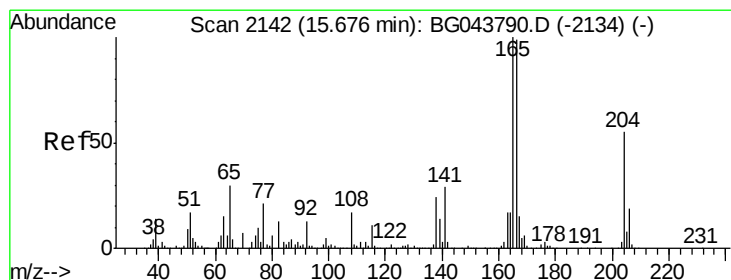
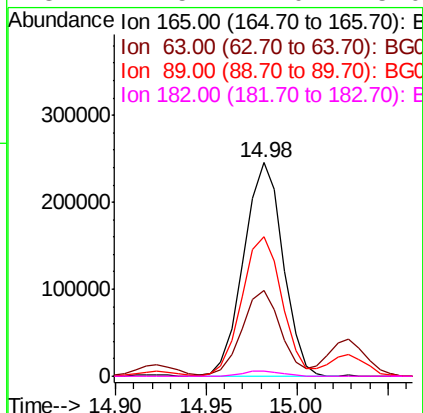
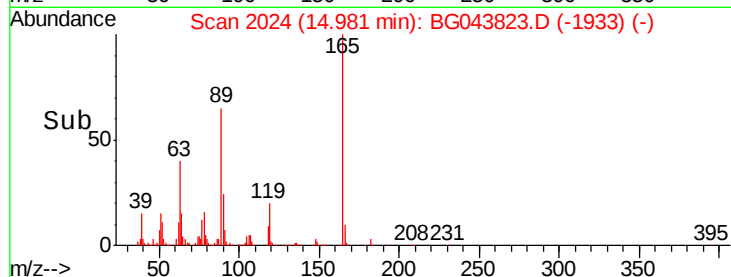
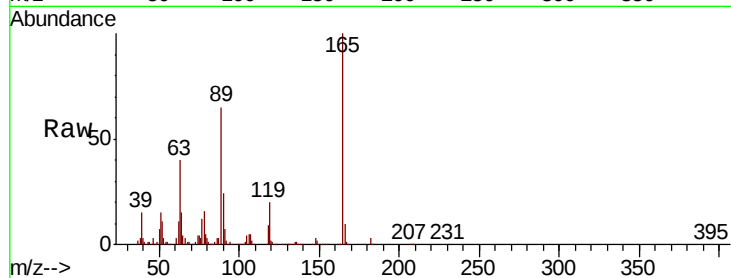




#57  
2,4-Dinitrotoluene  
Concen: 47.206 ng  
RT: 14.98 min Scan# 2024  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

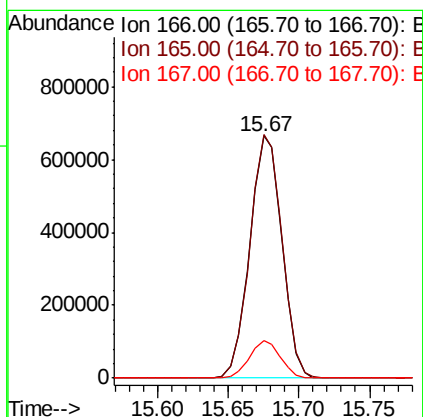
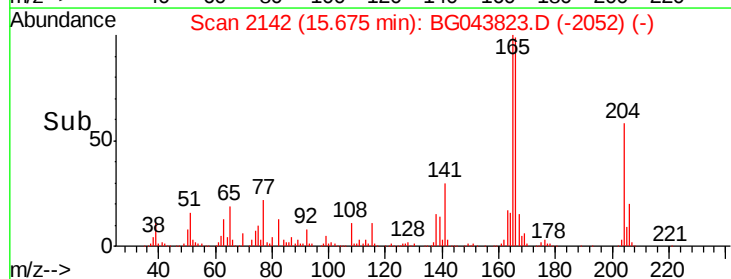
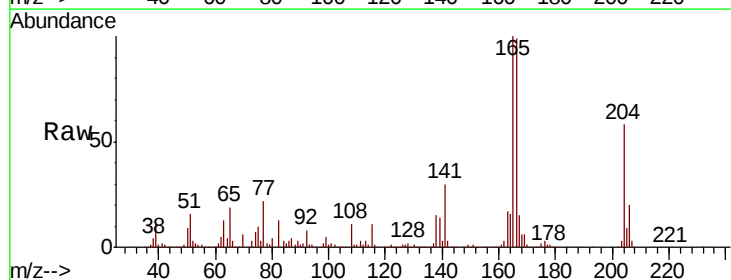
Instrument :  
BNA\_G  
ClientSampleId :

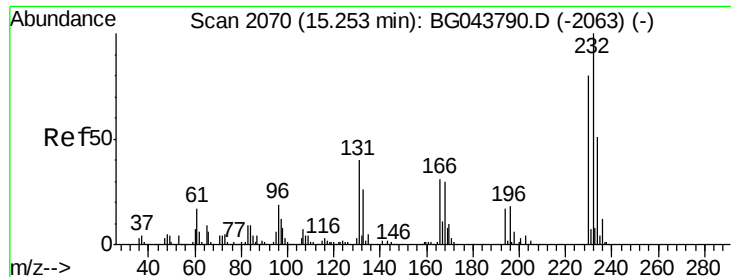
Tot Ion:165 Resp: 369780  
Ion Ratio Lower Upper  
165 100  
63 40.1 32.7 49.1  
89 65.4 56.1 84.1  
182 2.5 2.0 3.0



#58  
Fluorene  
Concen: 42.750 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Tgt Ion:166 Resp: 1061780  
Ion Ratio Lower Upper  
166 100  
165 100.5 80.5 120.7  
167 15.3 12.1 18.1

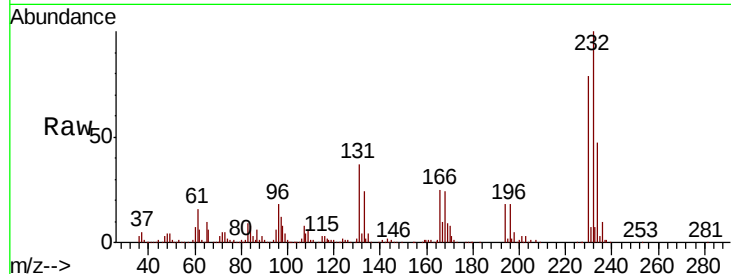




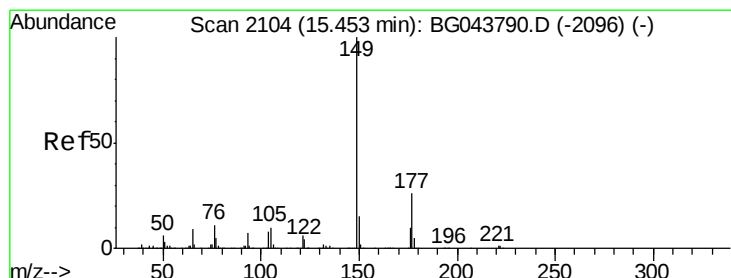
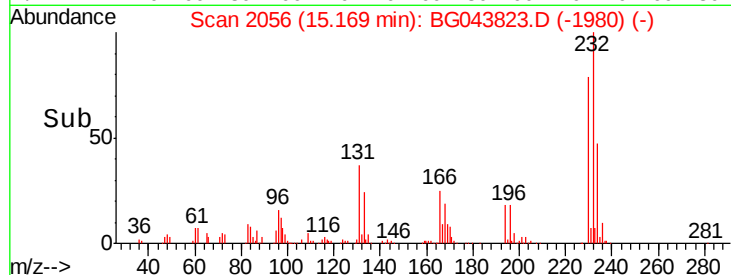
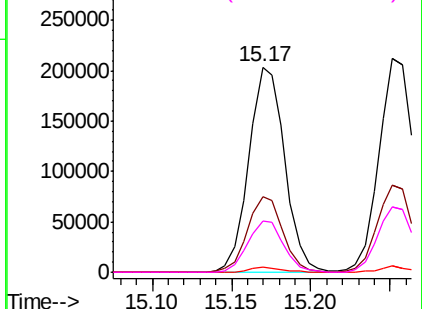
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.357 ng  
 RT: 15.17 min Scan# 2056  
 Delta R.T. -0.08 min  
 Lab File: BG043823.D  
 Acq: 17 Dec 2019 17:22

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:232 Resp: 320442  
 Ion Ratio Lower Upper  
 232 100  
 131 36.2 27.9 41.9  
 130 2.2 1.8 2.8  
 166 25.1 19.4 29.2

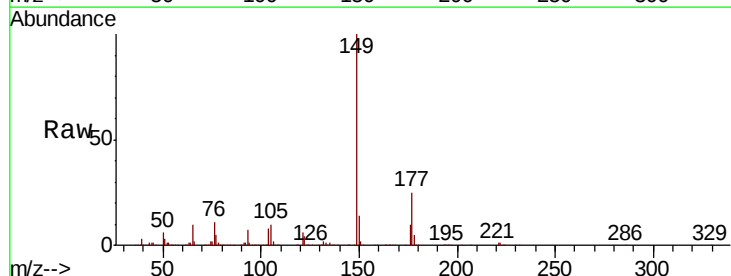


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

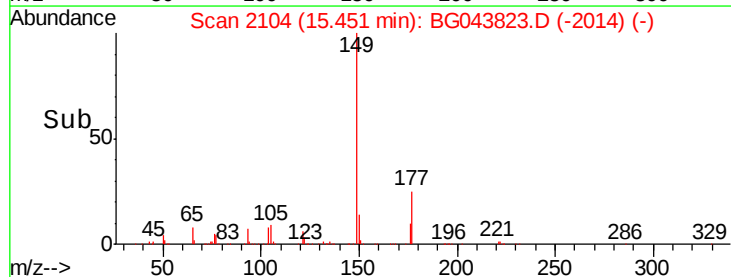
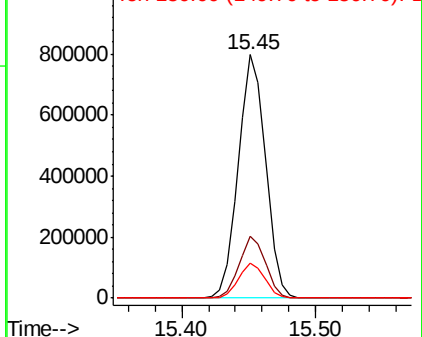


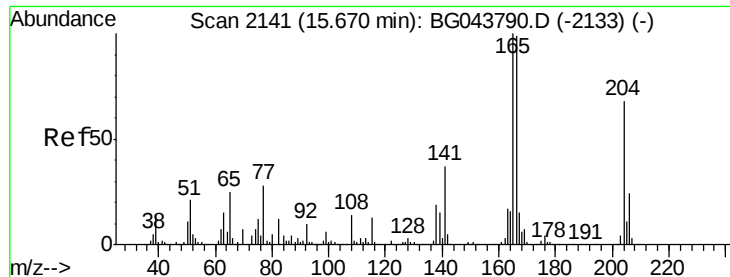
#60  
 Diethylphthalate  
 Concen: 41.865 ng  
 RT: 15.45 min Scan# 2104  
 Delta R.T. -0.00 min  
 Lab File: BG043823.D  
 Acq: 17 Dec 2019 17:22

Tgt Ion:149 Resp: 1124939  
 Ion Ratio Lower Upper  
 149 100  
 177 25.2 20.4 30.6  
 150 14.4 11.6 17.4



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

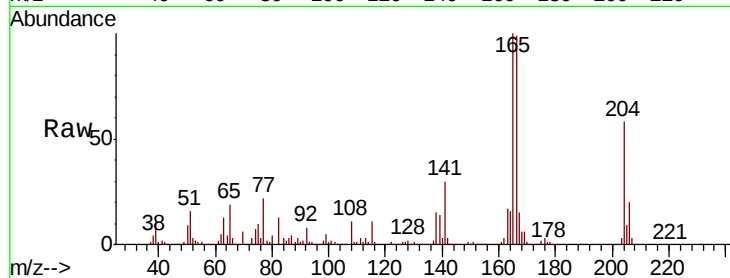




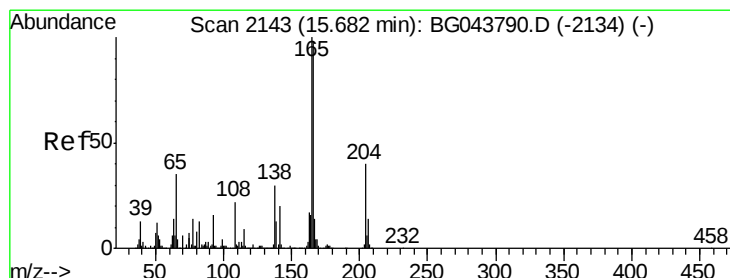
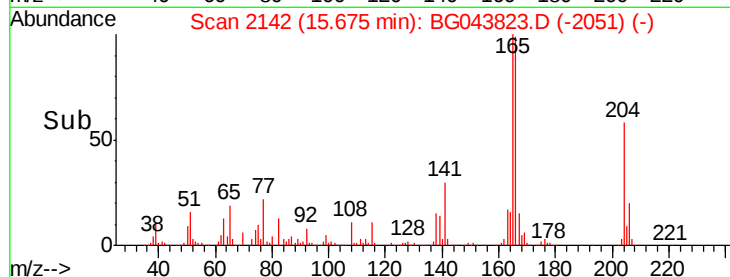
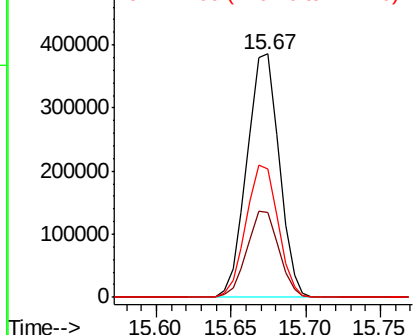
#61  
4-Chlorophenyl-phenylether  
Concen: 41.411 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:204 Resp: 576020  
Ion Ratio Lower Upper  
204 100  
206 34.7 28.1 42.1  
141 52.6 44.1 66.1

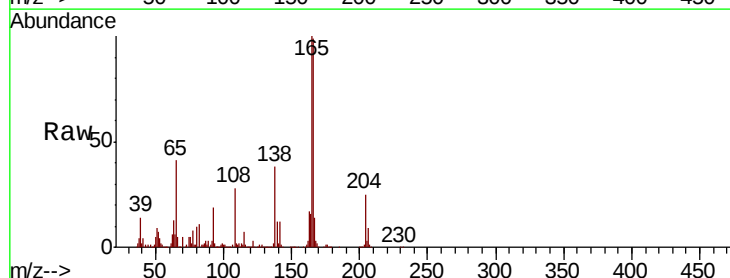


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

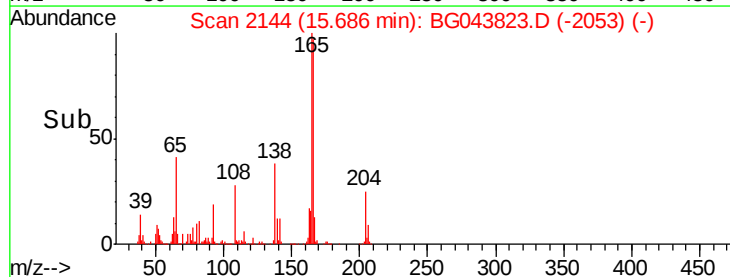
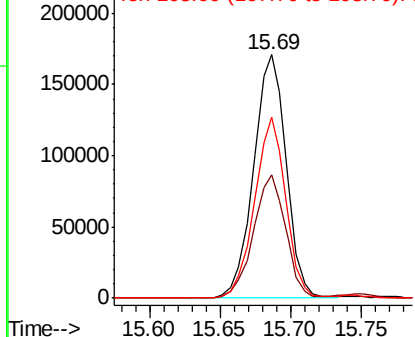


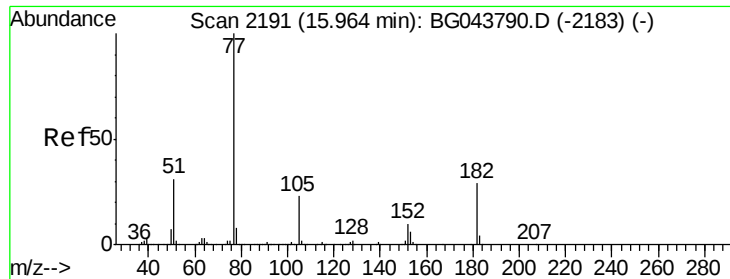
#62  
4-Nitroaniline  
Concen: 40.301 ng  
RT: 15.69 min Scan# 2144  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Tgt Ion:138 Resp: 277019  
Ion Ratio Lower Upper  
138 100  
92 50.6 31.5 71.5  
108 74.1 53.1 93.1



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E



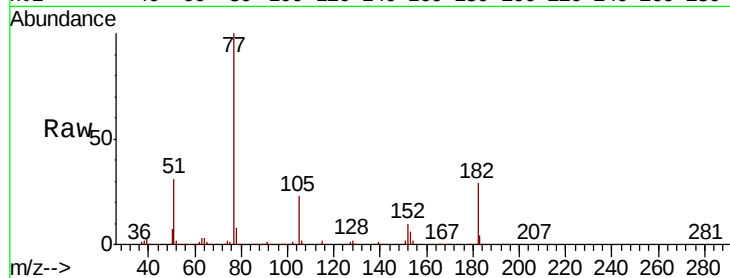


#63  
Azobenzene  
Concen: 42.627 ng  
RT: 15.96 min Scan# 2191  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion: 77 Resp: 1052266

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 28.9  | 9.0   | 49.0  |
| 105 | 23.1  | 2.9   | 42.9  |
| 51  | 30.8  | 10.6  | 50.6  |



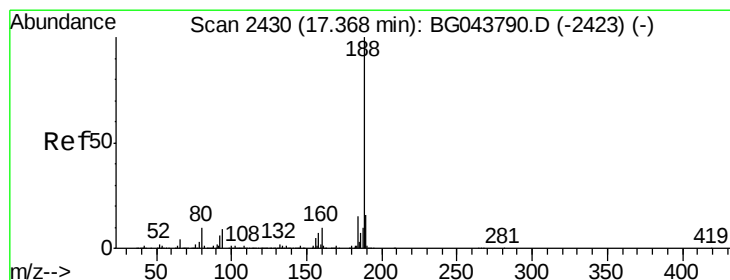
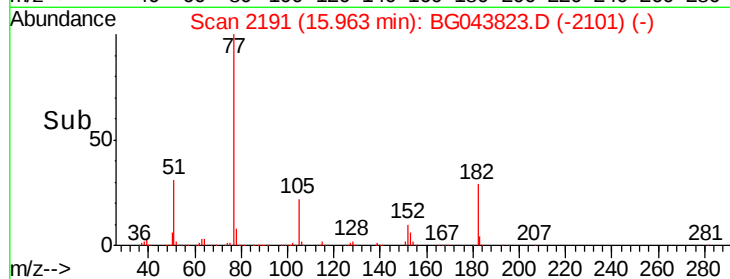
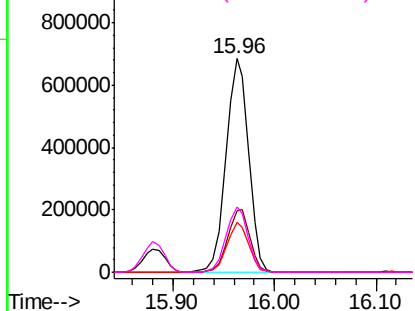
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

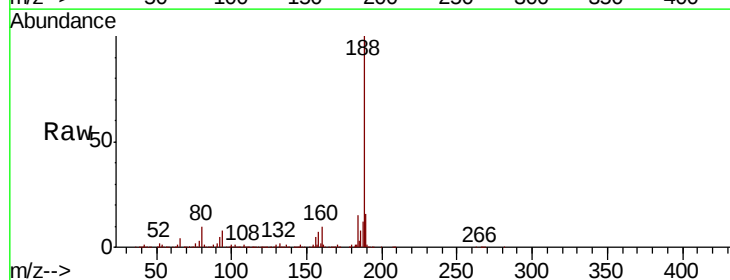
Ion 51.00 (50.70 to 51.70): BGC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.37 min Scan# 2431  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Tgt Ion: 188 Resp: 885644

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.3   | 6.9   | 10.3  |
| 80  | 10.0  | 7.8   | 11.8  |

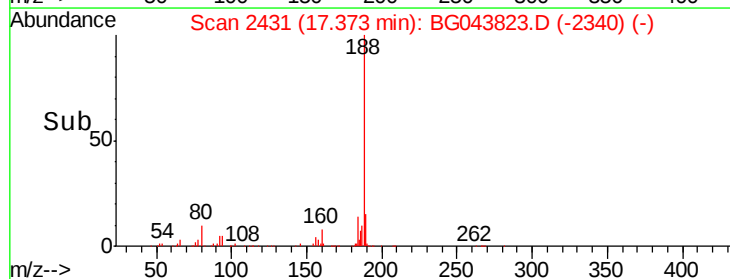
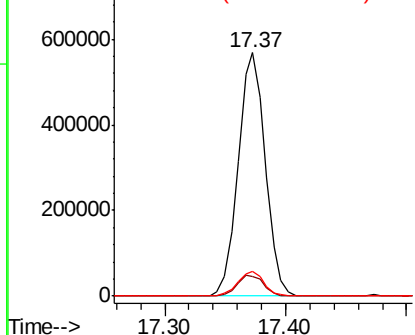


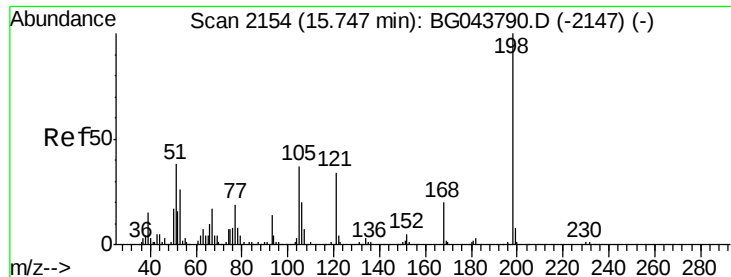
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 53.200 ng

RT: 15.75 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

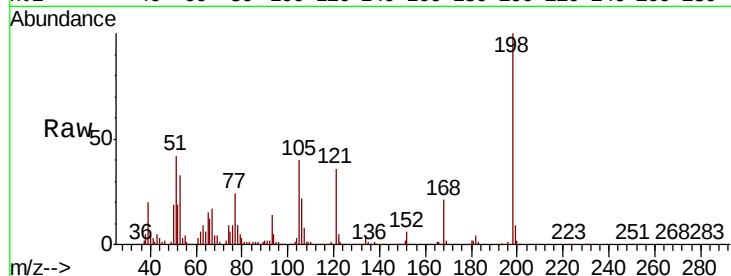
Tot Ion:198 Resp: 186167

Ion Ratio Lower Upper

198 100

51 41.7 18.9 58.9

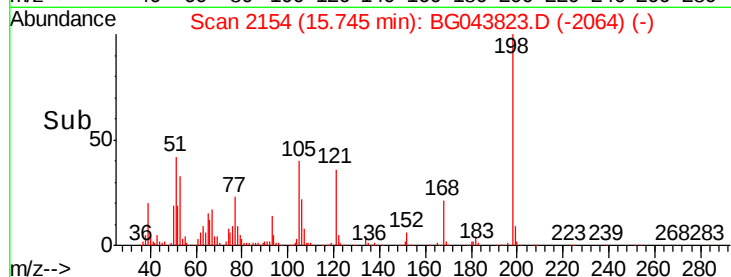
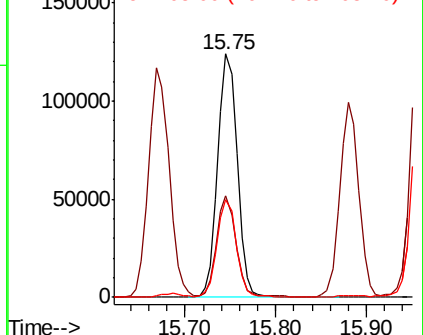
105 40.1 18.1 58.1



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: 41.102 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

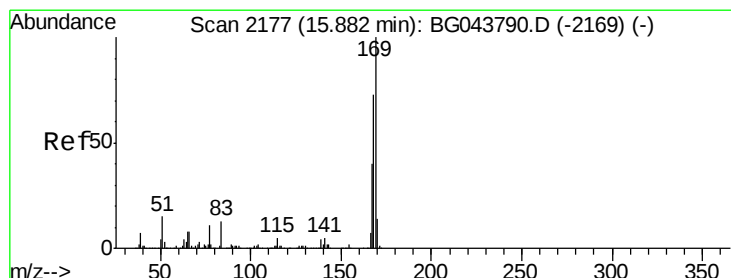
Tgt Ion:169 Resp: 1011741

Ion Ratio Lower Upper

169 100

168 75.1 58.5 87.7

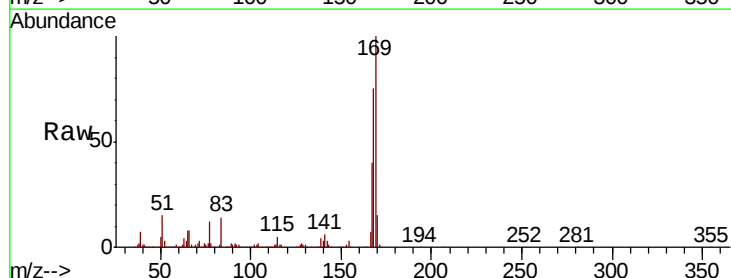
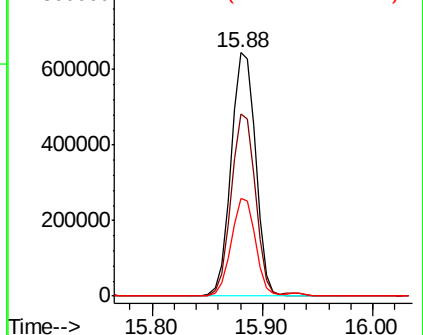
167 40.2 32.1 48.1

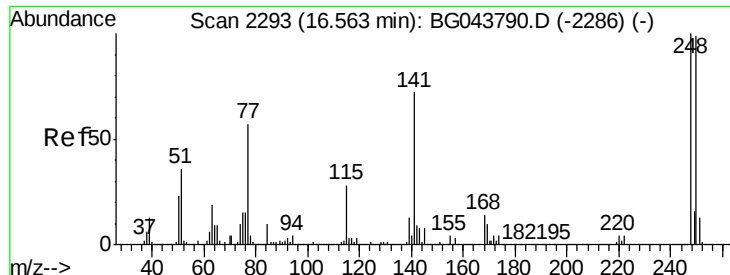


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

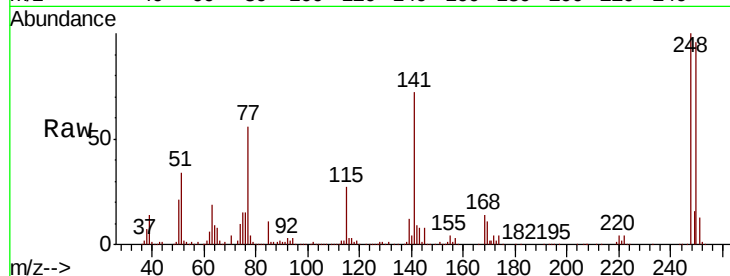




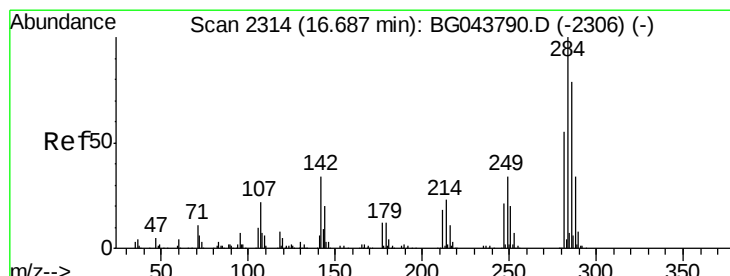
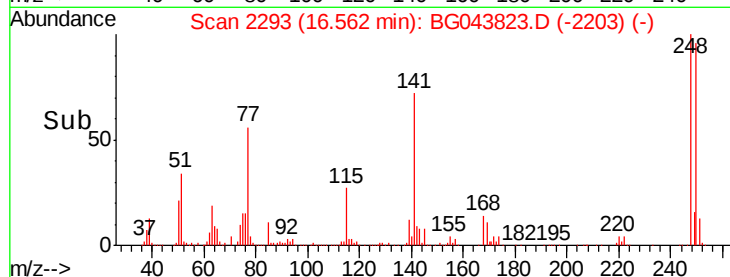
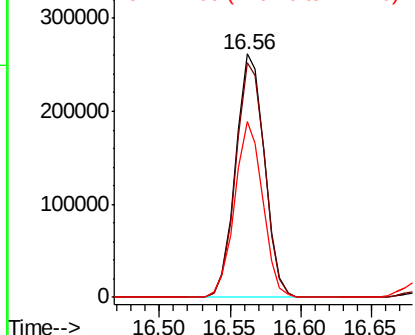
#67  
4-Bromophenyl-phenylether  
Concen: 39.319 ng  
RT: 16.56 min Scan# 2293  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:248 Resp: 372300  
Ion Ratio Lower Upper  
248 100  
250 96.3 79.0 118.6  
141 72.0 57.8 86.6

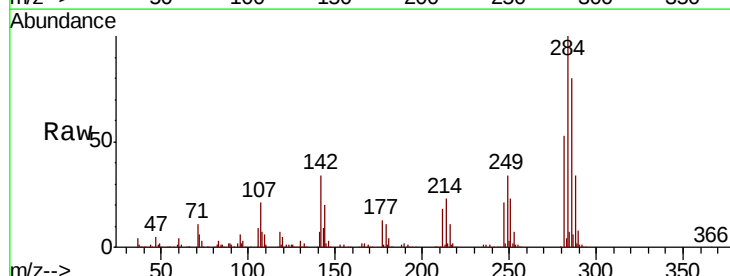


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

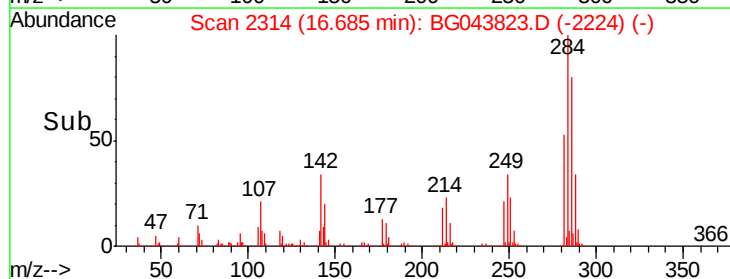
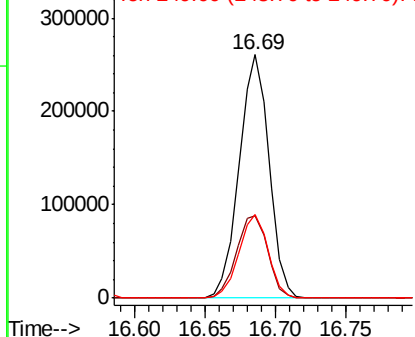


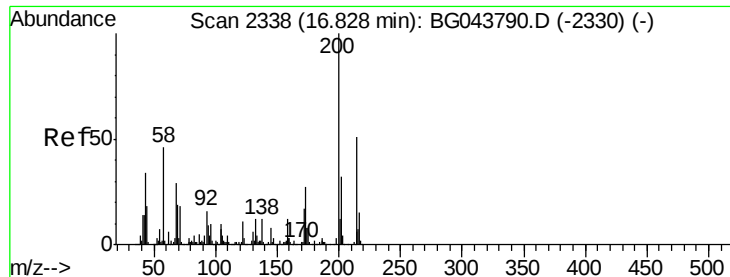
#68  
Hexachlorobenzene  
Concen: 38.383 ng  
RT: 16.69 min Scan# 2314  
Delta R.T. -0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Tgt Ion:284 Resp: 385463  
Ion Ratio Lower Upper  
284 100  
142 34.0 27.0 40.6  
249 34.5 27.2 40.8



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

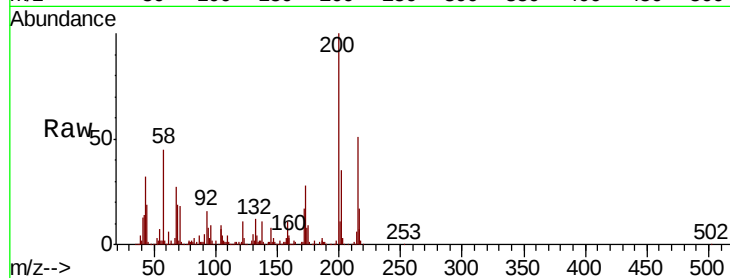




#69  
Atrazine  
Concen: 50.863 ng  
RT: 16.83 min Scan# 2339  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.1  | 7.4   | 47.4  |
| 215     | 50.9  | 30.5  | 70.5  |

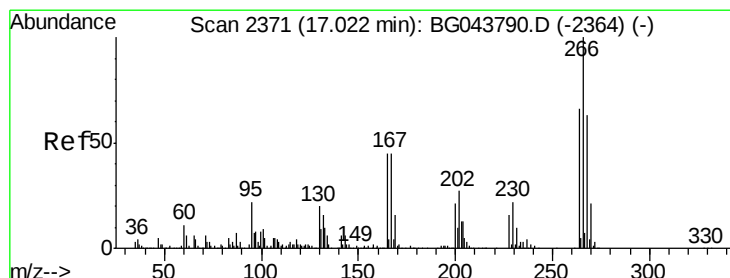
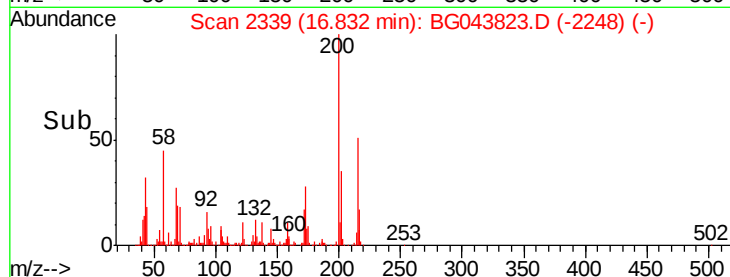
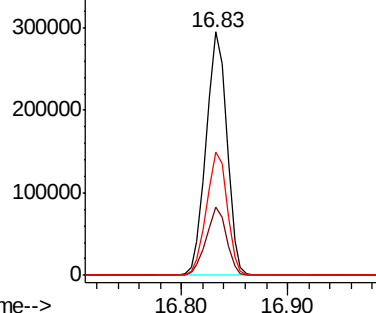


Abundance

Ion 200.00 (199.70 to 200.70): E

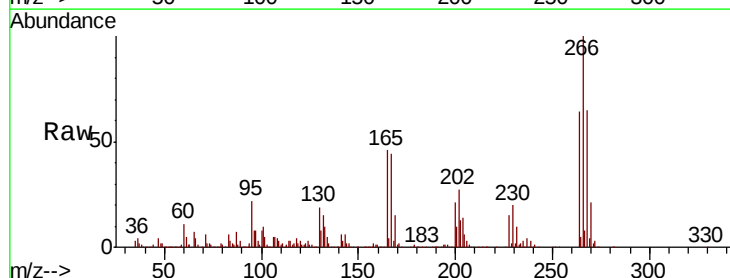
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 88.698 ng  
RT: 17.03 min Scan# 2372  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.3  | 50.8  | 76.2  |
| 264     | 64.2  | 53.0  | 79.4  |

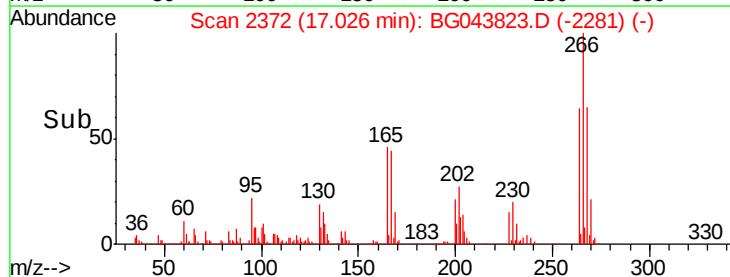
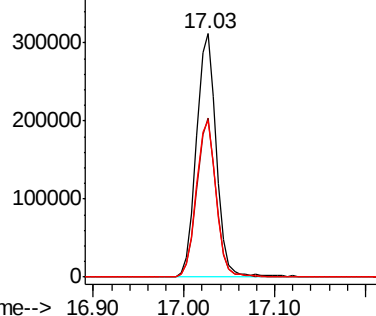


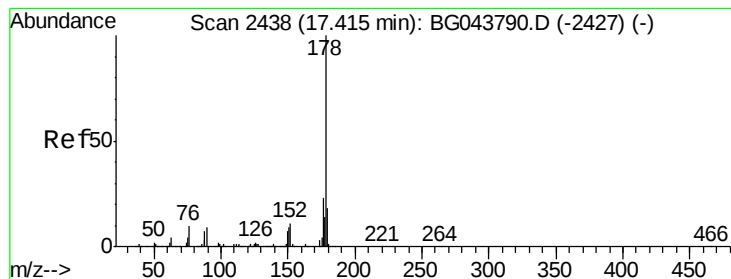
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.887 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

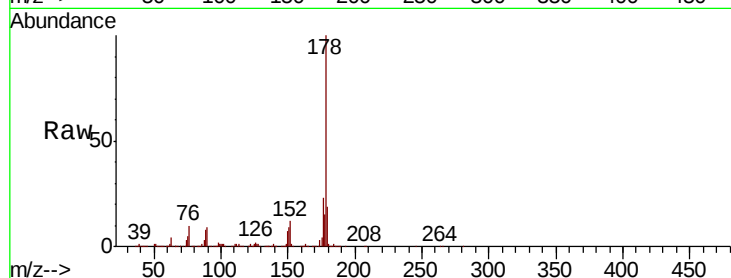
Instrument :

BNA\_G

ClientSampled :

Tot Ion:178 Resp: 1714271

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 23.5  | 18.6  | 27.8  |
| 179 | 19.0  | 14.7  | 22.1  |

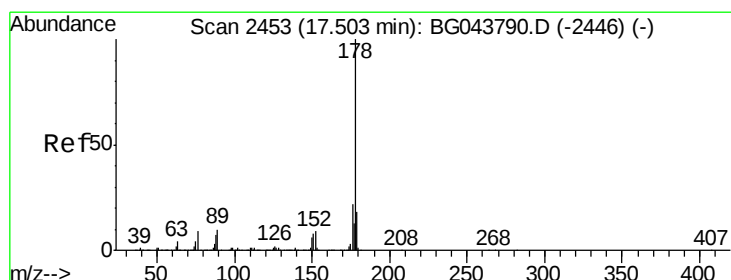
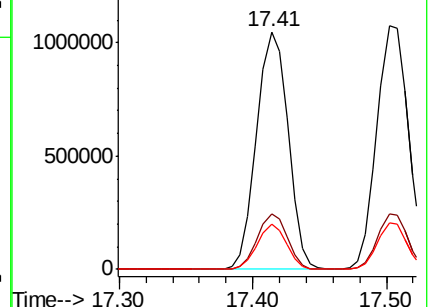
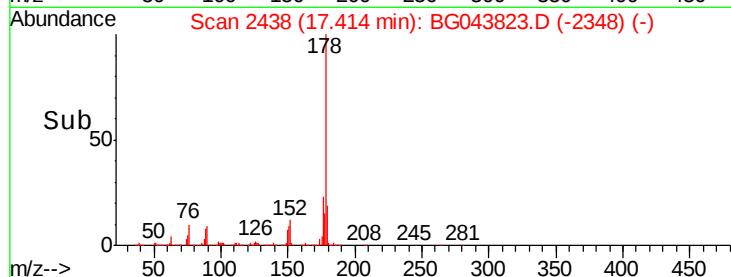


Abundance

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: 42.396 ng

RT: 17.50 min Scan# 2453

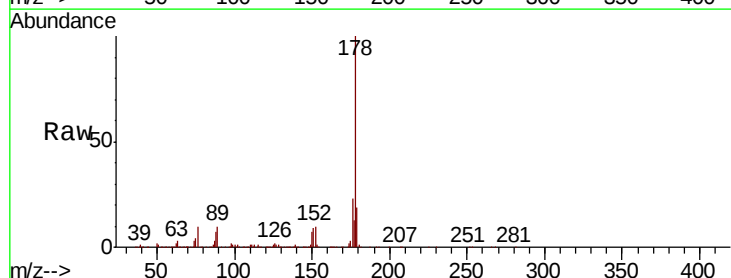
Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:178 Resp: 1759557

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 22.6  | 17.7  | 26.5  |
| 179 | 18.8  | 14.5  | 21.7  |

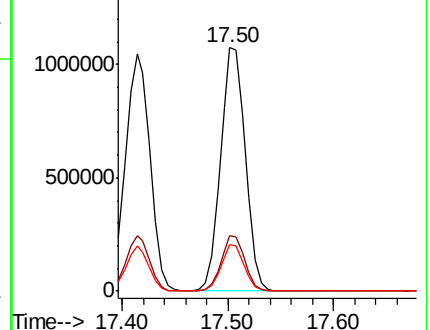
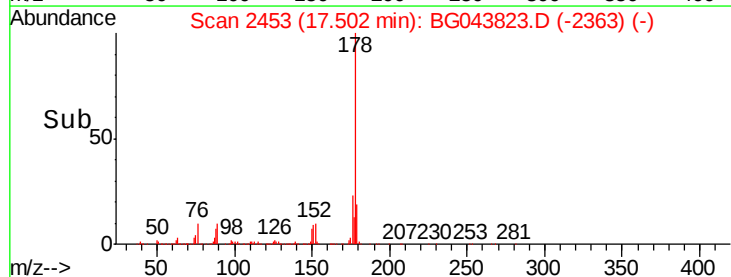


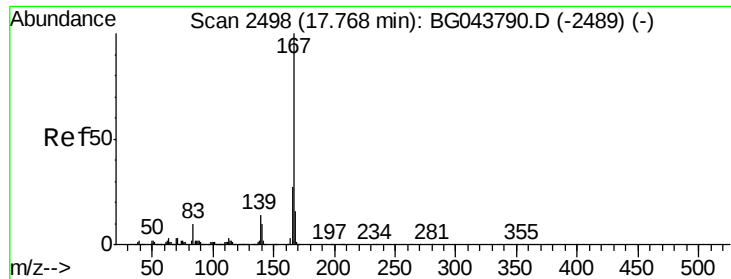
Abundance

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: 41.202 ng

RT: 17.77 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampled :

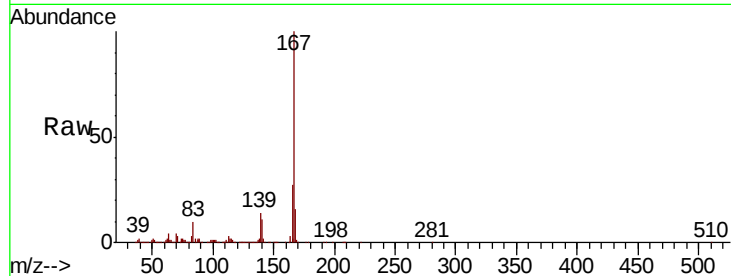
Tot Ion:167 Resp: 1598472

Ion Ratio Lower Upper

167 100

166 27.0 21.4 32.2

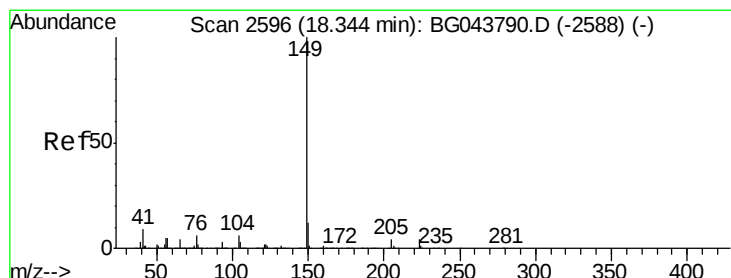
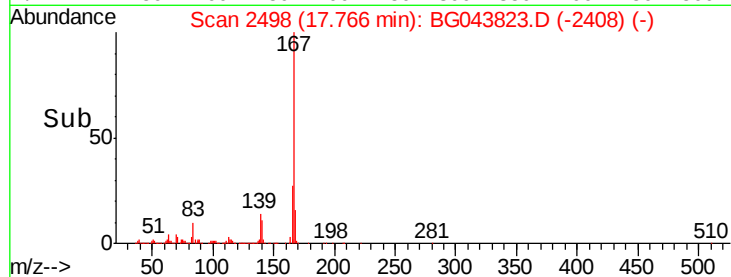
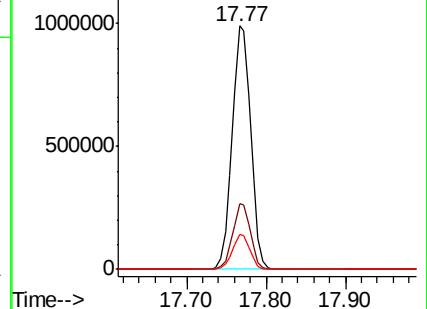
139 14.4 11.0 16.4



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: 41.187 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

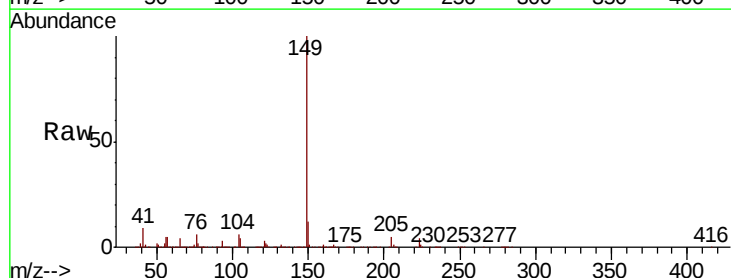
Tgt Ion:149 Resp: 1831812

Ion Ratio Lower Upper

149 100

150 11.7 9.4 14.0

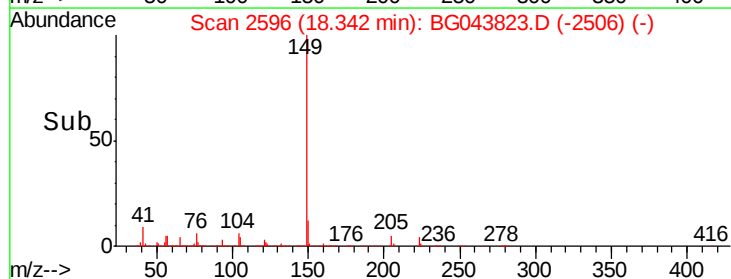
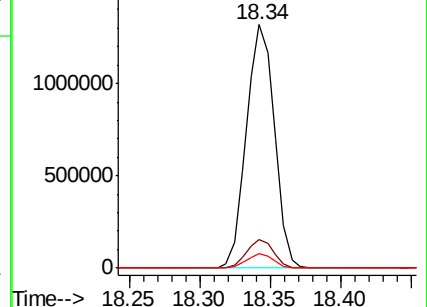
104 6.1 4.8 7.2

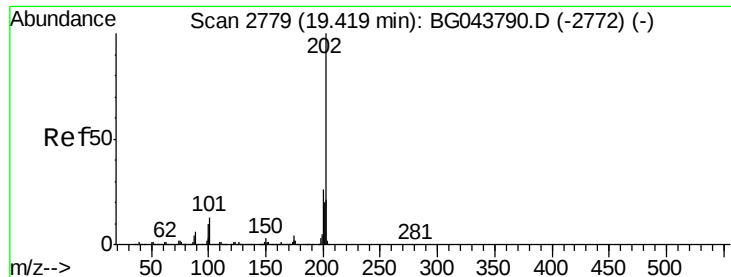


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.118 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

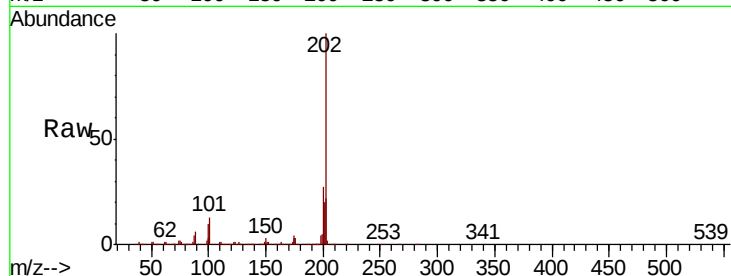
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:202 Resp: 1973059

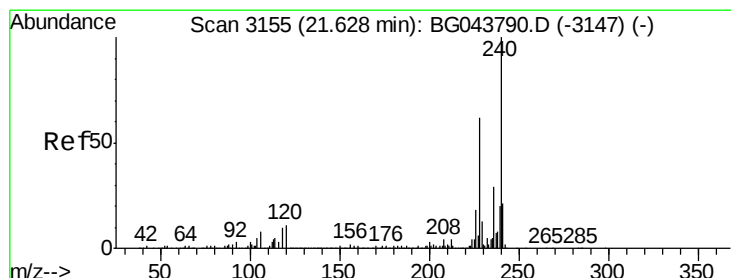
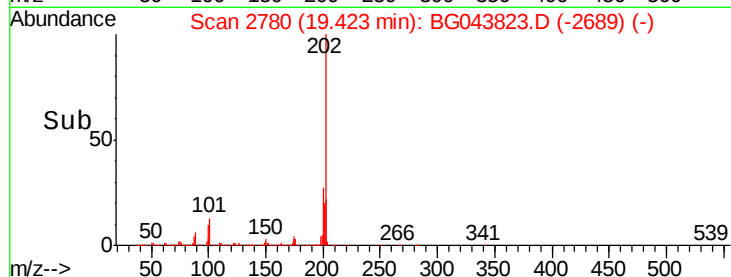
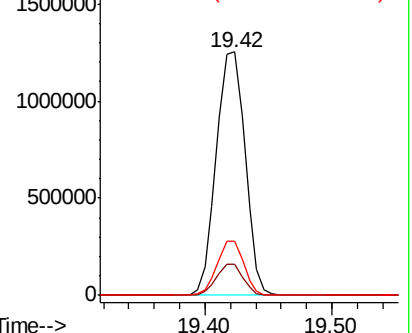
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 12.6  | 0.0   | 32.7  |
| 203 | 22.5  | 1.0   | 41.0  |



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: 21.63 min Scan# 3156

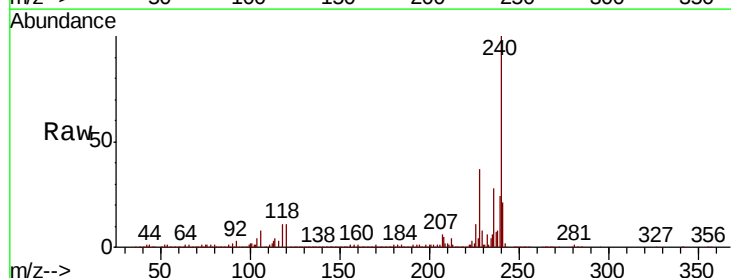
Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:240 Resp: 758676

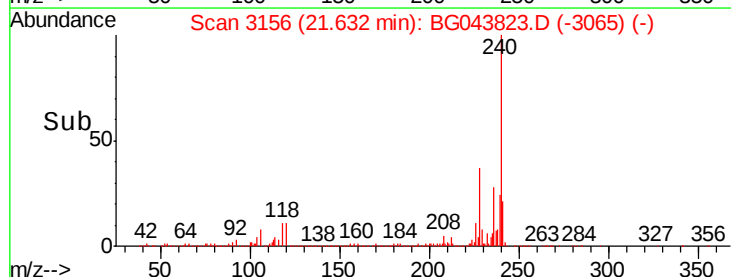
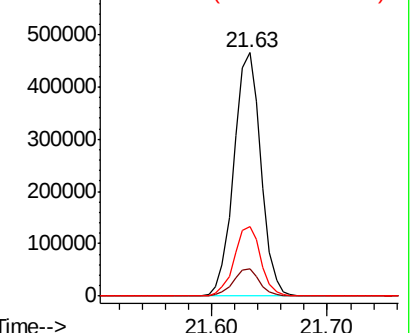
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.3  | 8.6   | 12.8  |
| 236 | 28.4  | 23.1  | 34.7  |

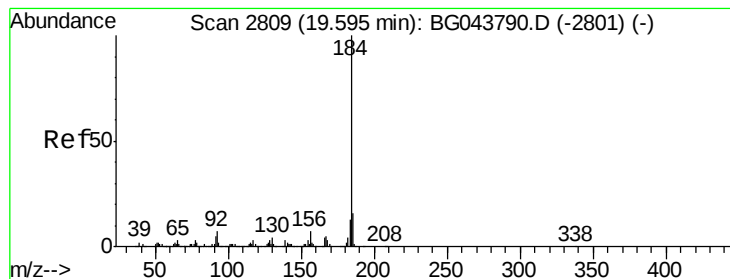


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.259 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

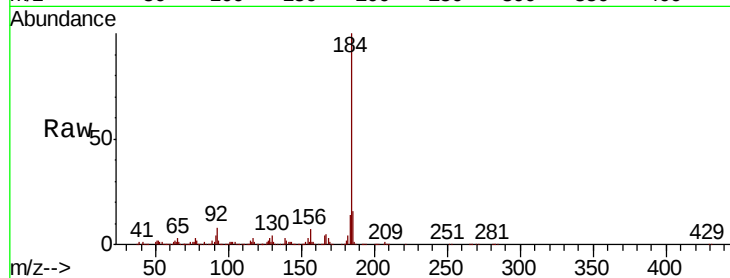
Tot Ion:184 Resp: 831860

Ion Ratio Lower Upper

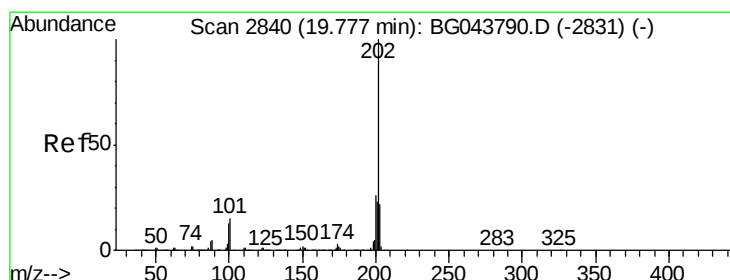
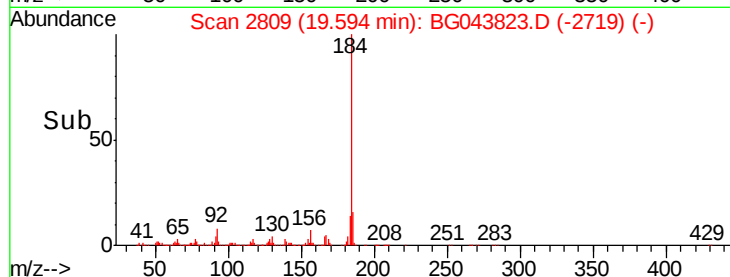
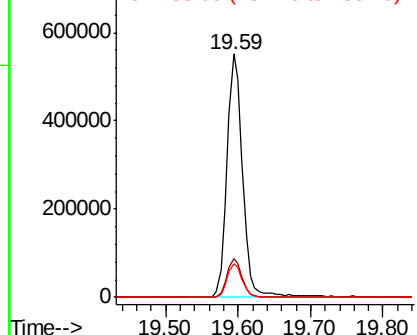
184 100

185 16.2 12.9 19.3

183 14.1 10.3 15.5



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: 40.168 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

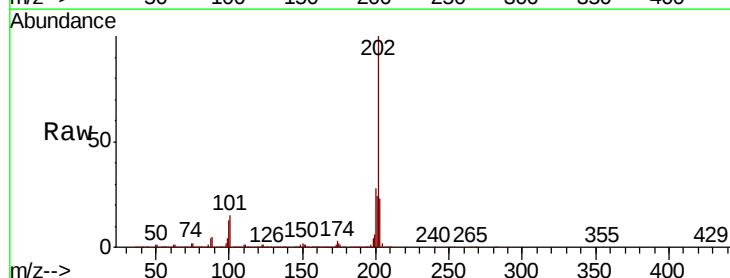
Tgt Ion:202 Resp: 1991548

Ion Ratio Lower Upper

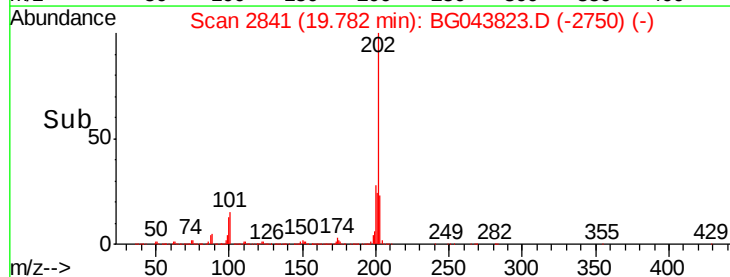
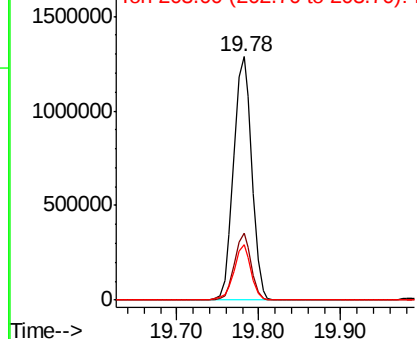
202 100

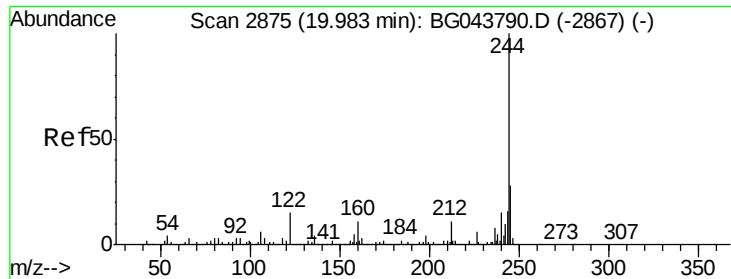
200 27.7 20.8 31.2

203 22.9 17.7 26.5



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.070 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

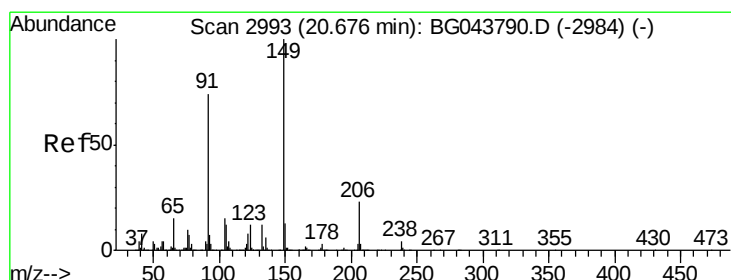
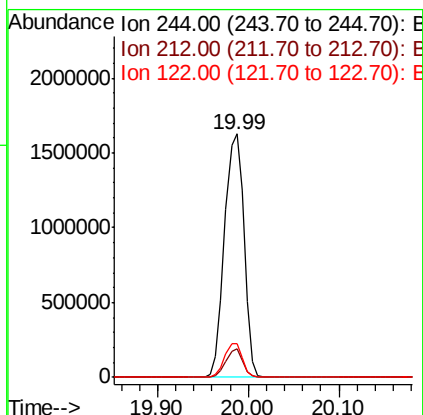
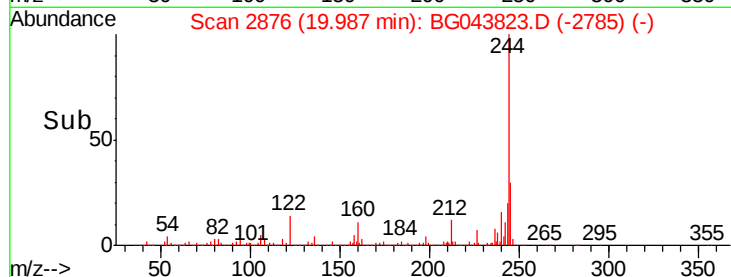
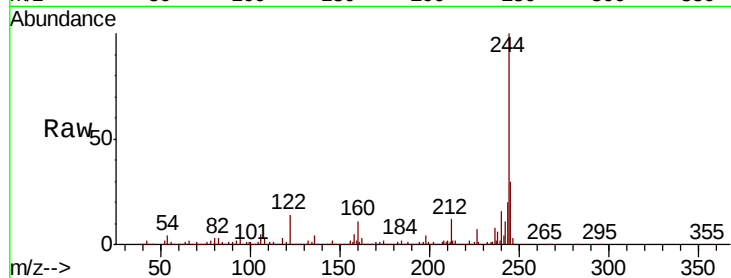
Tot Ion:244 Resp: 2430442

Ion Ratio Lower Upper

244 100

212 11.7 9.1 13.7

122 13.8 11.6 17.4



#80

Butylbenzylphthalate

Concen: 43.023 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

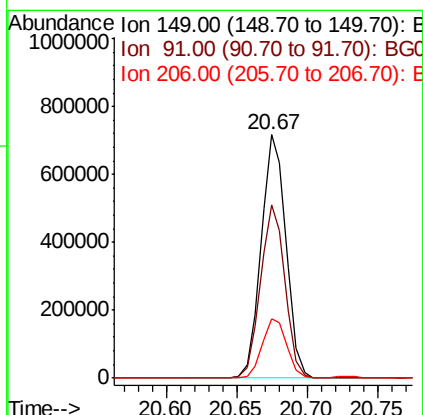
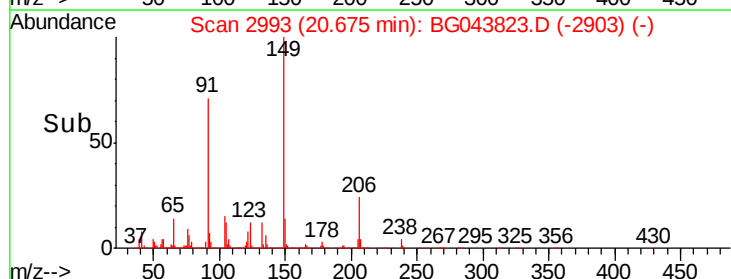
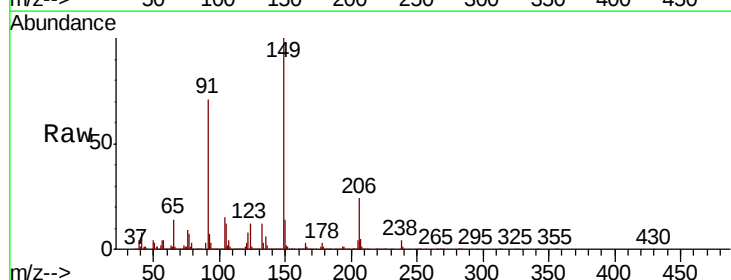
Tgt Ion:149 Resp: 888406

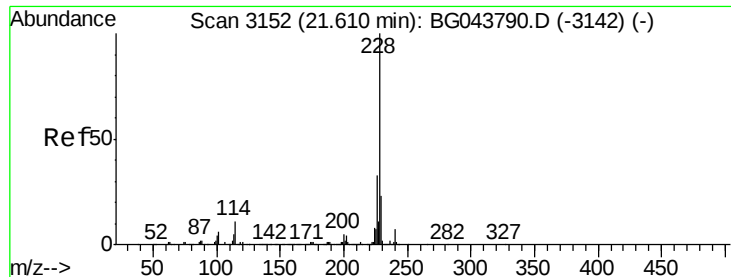
Ion Ratio Lower Upper

149 100

91 71.3 59.0 88.4

206 24.4 18.6 28.0





#81

Benzo(a)anthracene

Concen: 40.521 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

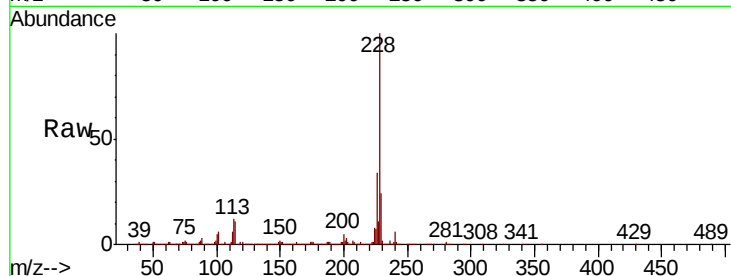
Instrument :

BNA\_G

ClientSampled :

Tot Ion:228 Resp: 1940282

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 34.0  | 26.1  | 39.1  |
| 229 | 23.9  | 18.6  | 27.8  |

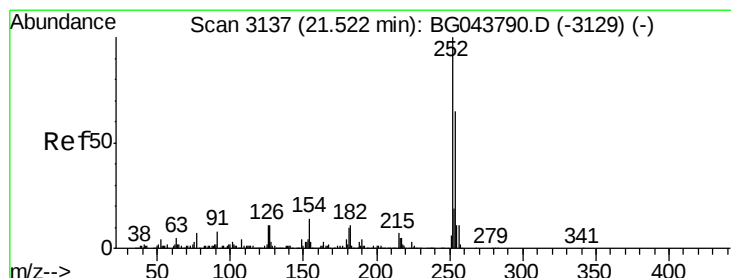
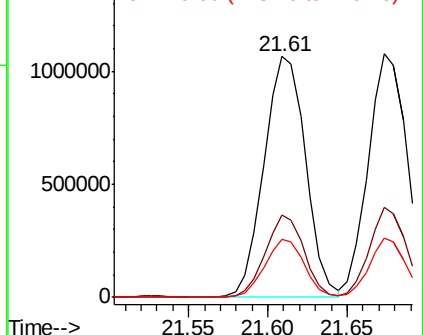
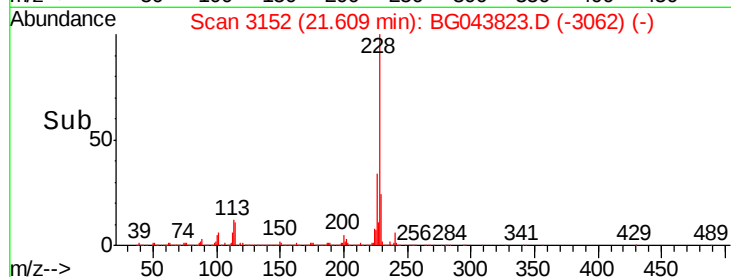


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.418 ng

RT: 21.53 min Scan# 3138

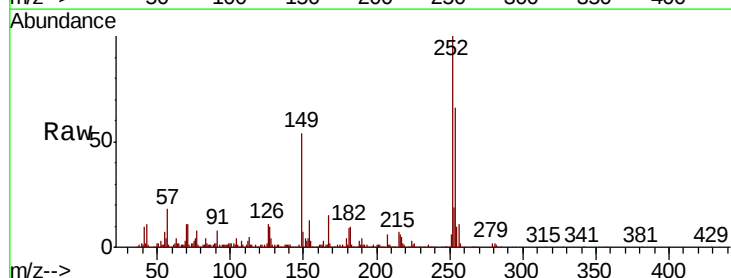
Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:252 Resp: 573431

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.7  | 52.2  | 78.2  |
| 126 | 11.0  | 8.7   | 13.1  |

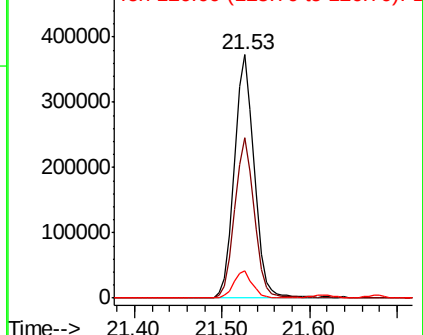
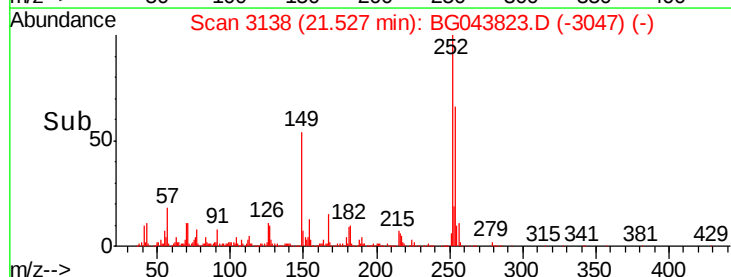


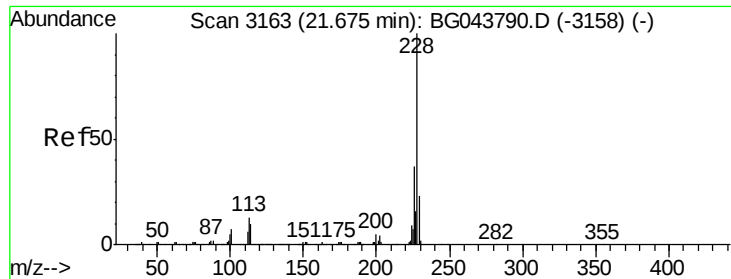
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.205 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

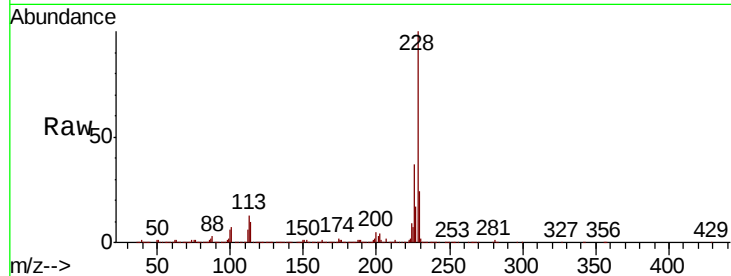
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 1834136

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 36.7  | 29.1  | 43.7  |
| 229 | 24.4  | 18.6  | 28.0  |

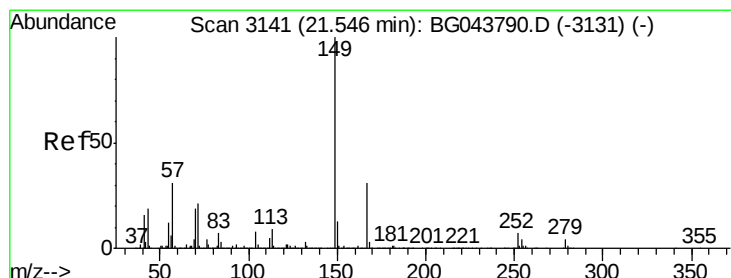
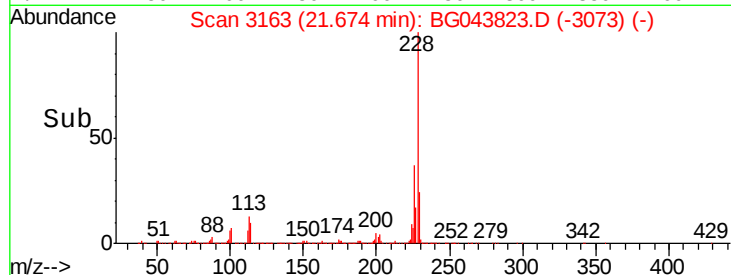
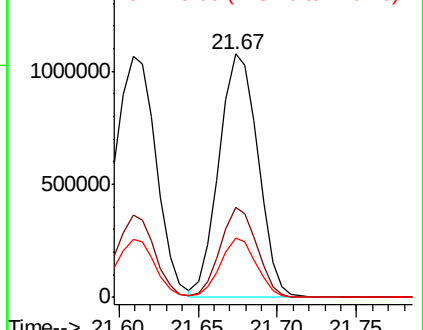


Abundance

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: 41.272 ng

RT: 21.54 min Scan# 3141

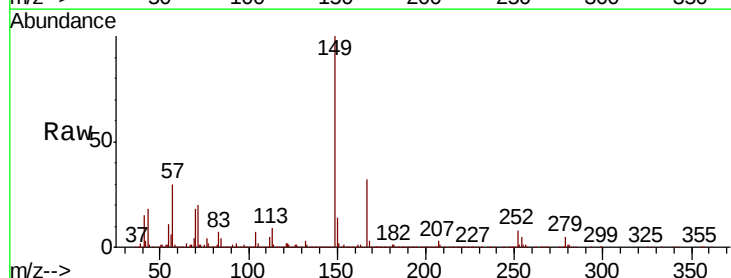
Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Tgt Ion:149 Resp: 1222405

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 31.9  | 25.1  | 37.7  |
| 279 | 4.8   | 3.5   | 5.3   |

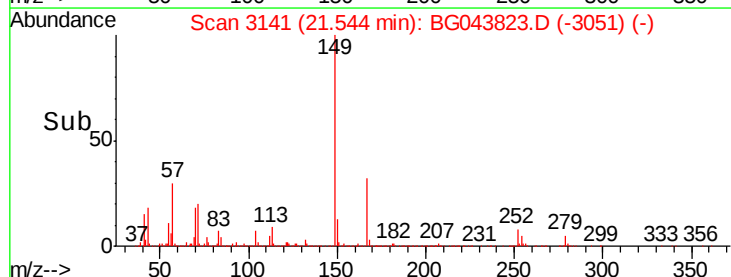
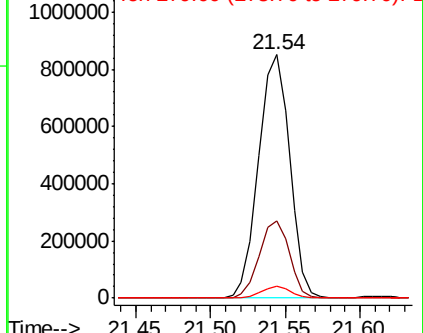


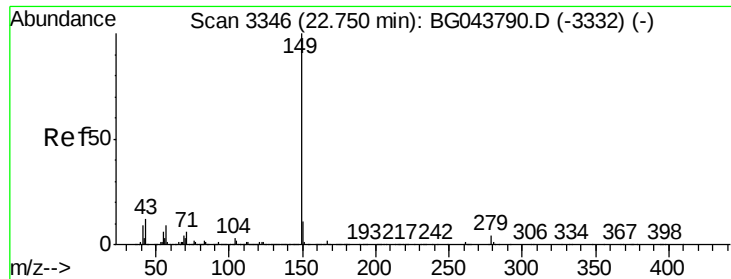
Abundance

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: 43.413 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

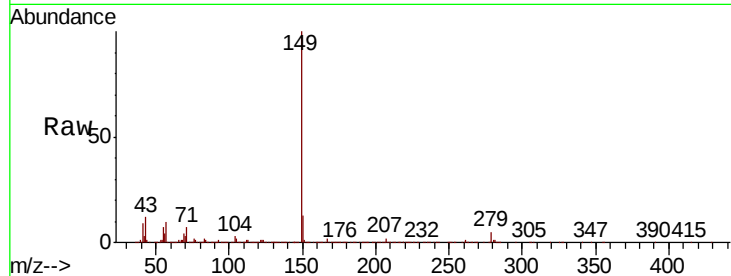
Tot Ion:149 Resp: 2102104

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.2

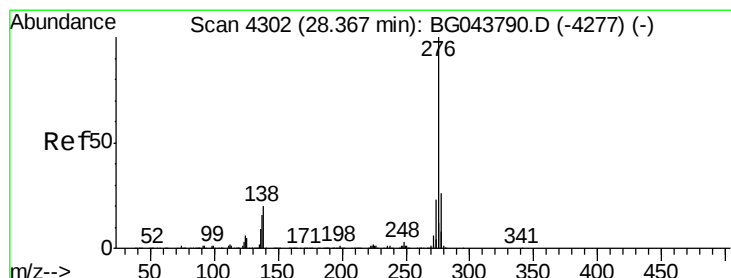
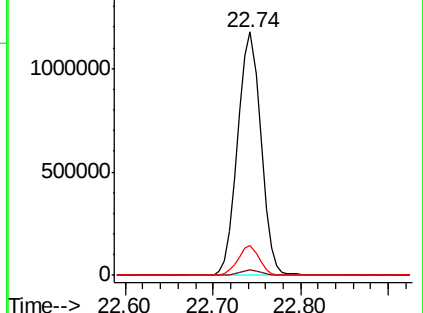
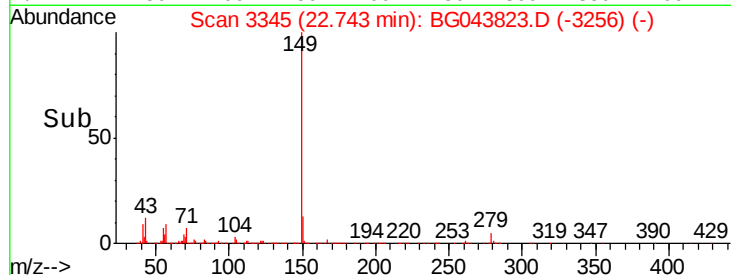
43 11.1 8.8 13.2



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: 34.945 ng

RT: 28.38 min Scan# 4304

Delta R.T. 0.01 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

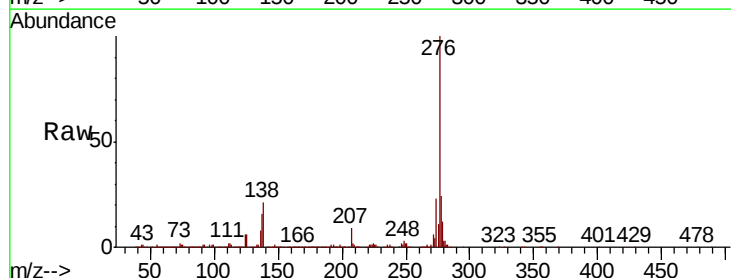
Tgt Ion:276 Resp: 2040435

Ion Ratio Lower Upper

276 100

138 11.6 14.6 21.8#

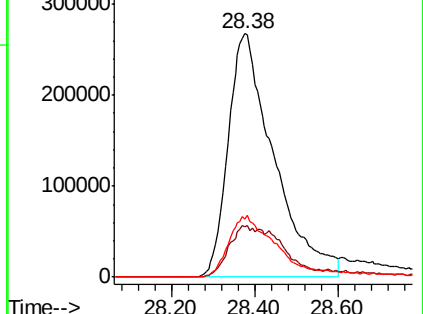
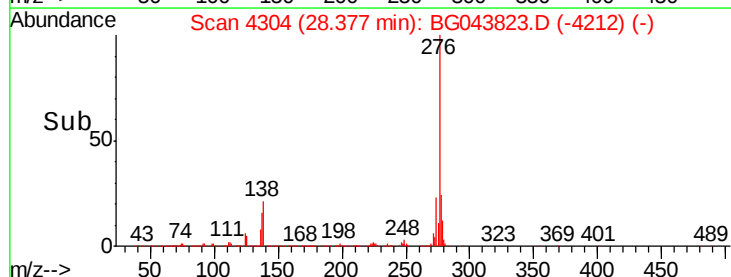
277 25.5 21.2 31.8

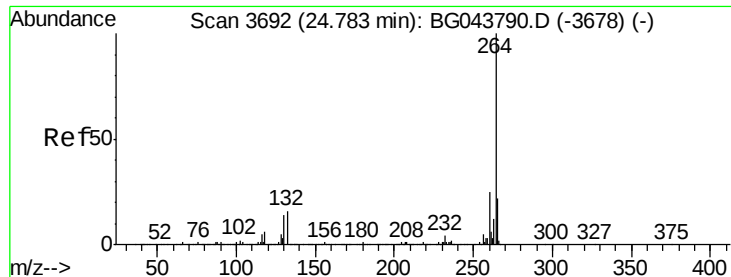


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

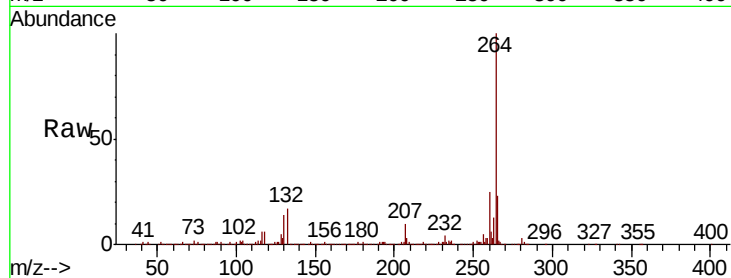
Tot Ion:264 Resp: 791361

Ion Ratio Lower Upper

264 100

260 25.2 19.8 29.8

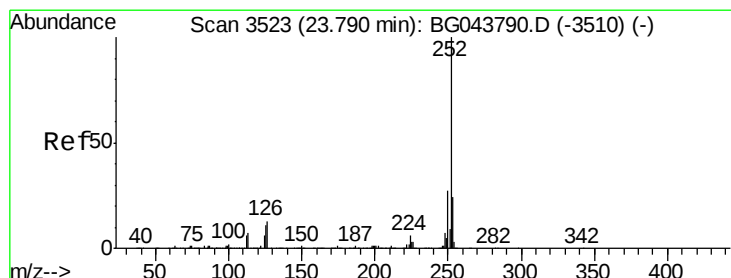
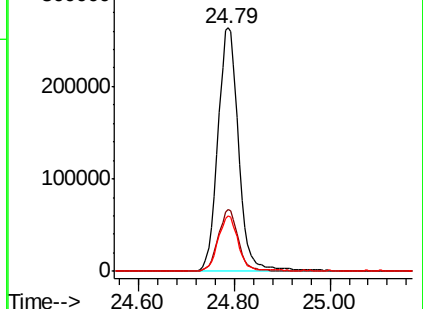
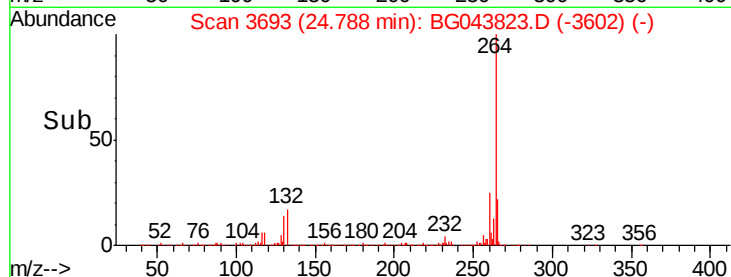
265 22.8 17.9 26.9



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: 42.999 ng

RT: 23.79 min Scan# 3524

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

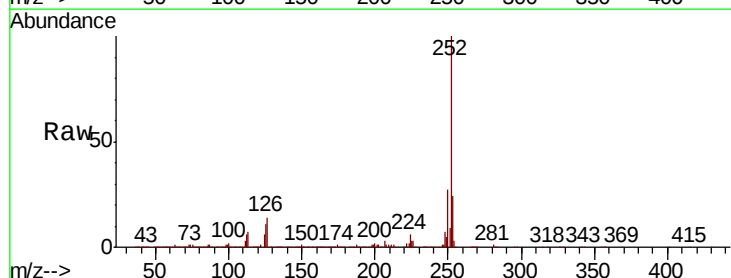
Tgt Ion:252 Resp: 1959167

Ion Ratio Lower Upper

252 100

253 24.1 19.5 29.3

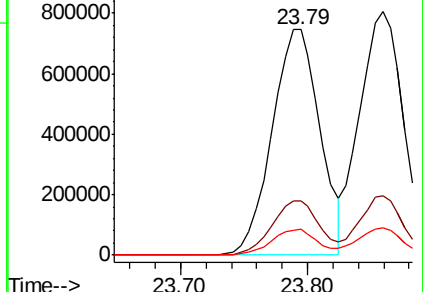
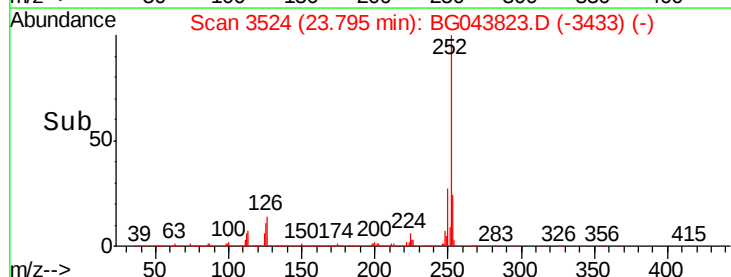
125 11.5 9.0 13.4

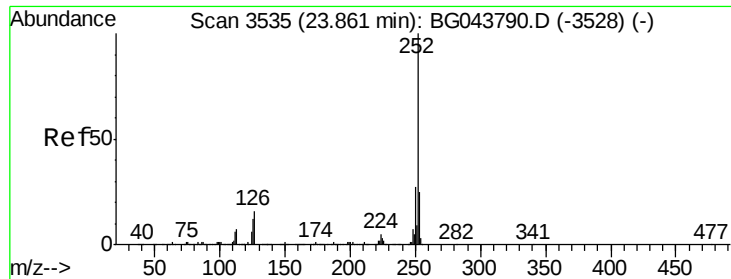


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.453 ng

RT: 23.86 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

Instrument :

BNA\_G

ClientSampleId :

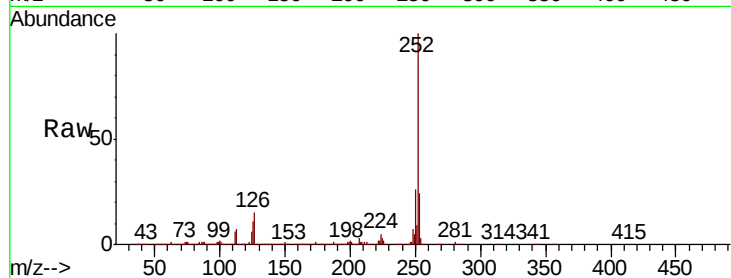
Tot Ion:252 Resp: 1956586

Ion Ratio Lower Upper

252 100

253 24.4 19.4 29.0

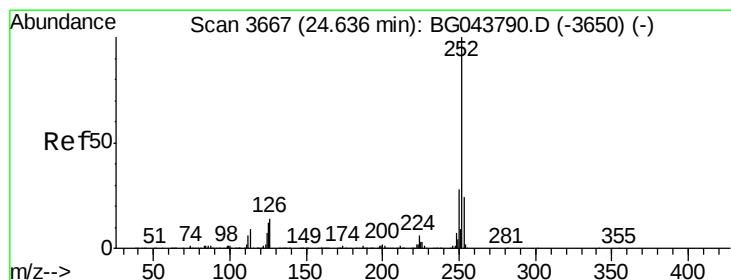
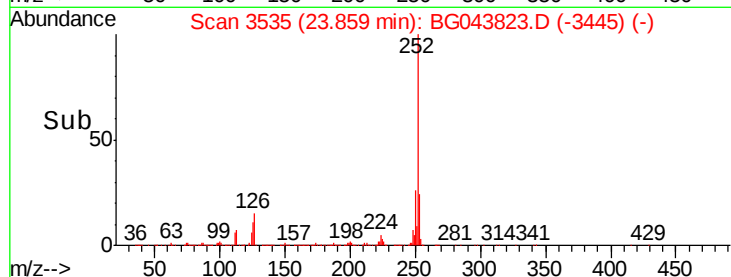
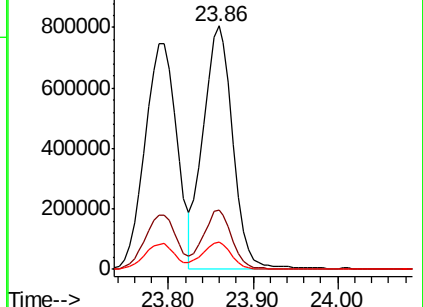
125 11.4 8.9 13.3



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



#90

Benzo(a)pyrene

Concen: 42.835 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG043823.D

Acq: 17 Dec 2019 17:22

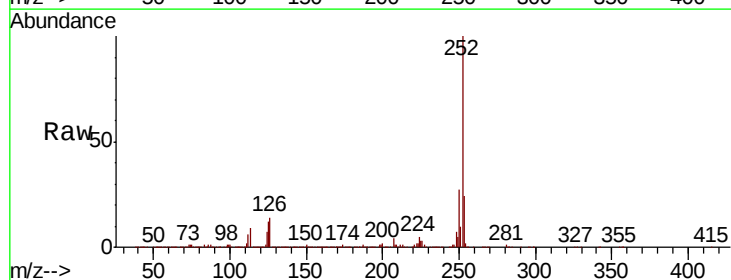
Tgt Ion:252 Resp: 1859972

Ion Ratio Lower Upper

252 100

253 24.2 19.1 28.7

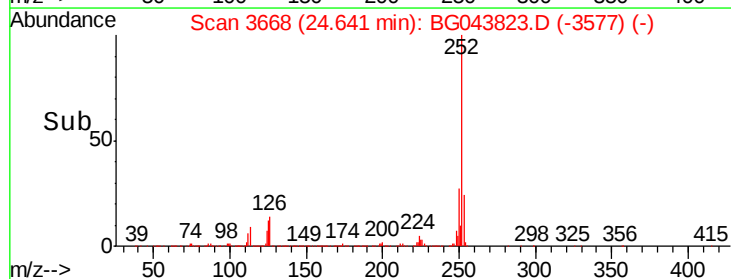
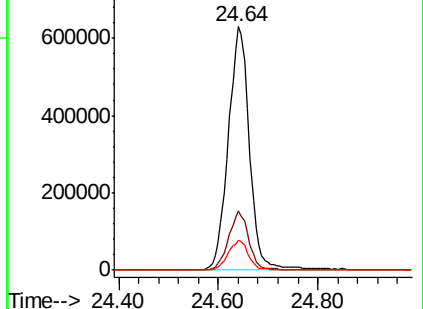
125 12.3 9.4 14.0

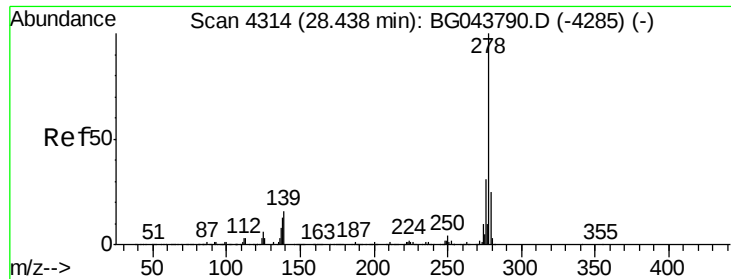


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

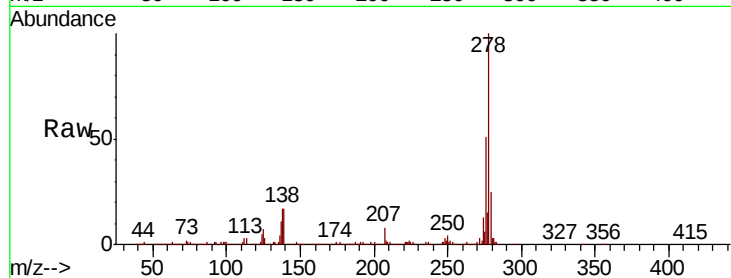




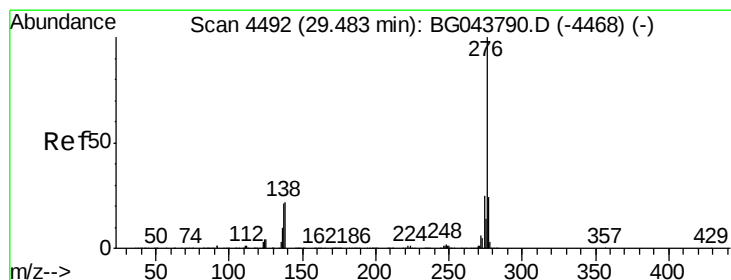
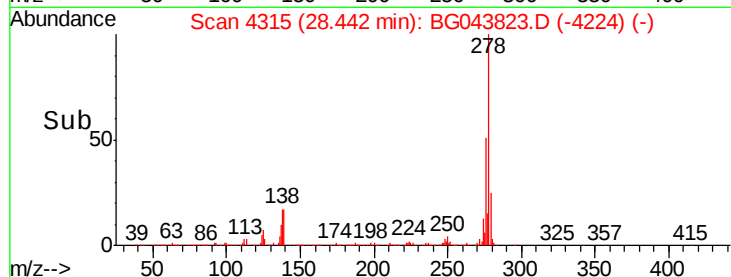
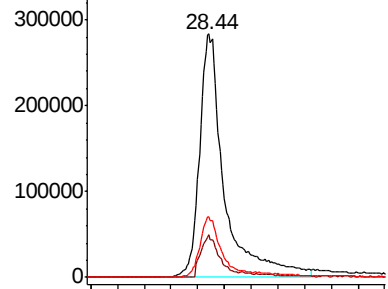
#91  
Dibenzo(a,h)anthracene  
Concen: 42.411 ng  
RT: 28.44 min Scan# 4315  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:278 Resp: 1839414  
Ion Ratio Lower Upper  
278 100  
139 17.3 13.2 19.8  
279 25.0 19.8 29.6

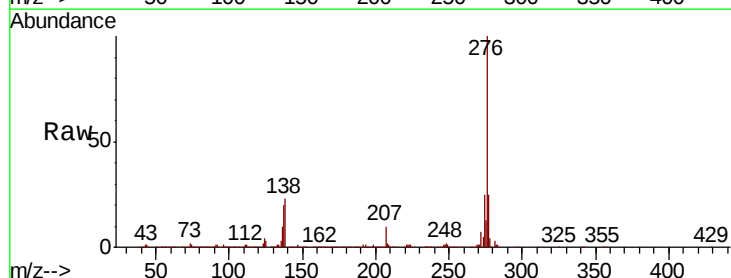


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 38.555 ng  
RT: 29.49 min Scan# 4493  
Delta R.T. 0.00 min  
Lab File: BG043823.D  
Acq: 17 Dec 2019 17:22

Tgt Ion:276 Resp: 1650121  
Ion Ratio Lower Upper  
276 100  
277 25.1 19.3 28.9  
138 22.5 17.6 26.4



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

