

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\  
 Data File : BG042781.D  
 Acq On : 12 Sep 2019 14:22  
 Operator : HP/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 12 18:45:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 12 14:06:09 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 75781    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.93 | 136  | 303518   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.75 | 164  | 212252   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.48 | 188  | 504670   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.77 | 240  | 495443   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.05 | 264  | 544658   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.68  | 112 | 346610  | 79.52 | ng | 0.00 |
| 7) Phenol-d6                | 7.27  | 99  | 494409  | 79.02 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.28  | 82  | 477683  | 81.94 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.23 | 330 | 225679  | 79.92 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.37 | 172 | 1075639 | 80.22 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.09 | 244 | 1881379 | 84.16 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.59  | 88  | 74127  | 37.263 | ng | 98   |
| 3) Pyridine                    | 3.98  | 79  | 233171 | 38.930 | ng | 90   |
| 4) n-Nitrosodimethylamine      | 3.89  | 42  | 111856 | 38.380 | ng | 100  |
| 6) Aniline                     | 7.44  | 93  | 332168 | 39.351 | ng | 99   |
| 8) 2-Chlorophenol              | 7.68  | 128 | 186415 | 39.564 | ng | 100  |
| 9) Benzaldehyde                | 7.26  | 77  | 149322 | 36.676 | ng | 94   |
| 10) Phenol                     | 7.30  | 94  | 257131 | 40.075 | ng | 98   |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93  | 192828 | 39.159 | ng | 100  |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146 | 223342 | 38.863 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 8.16  | 146 | 225042 | 39.114 | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 8.48  | 146 | 218420 | 39.881 | ng | 99   |
| 15) Benzyl Alcohol             | 8.35  | 79  | 212000 | 39.485 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65  | 45  | 418933 | 38.741 | ng | 99   |
| 17) 2-Methylphenol             | 8.55  | 107 | 167528 | 39.028 | ng | 100  |
| 18) Hexachloroethane           | 9.22  | 117 | 81764  | 38.492 | ng | 95   |
| 19) n-Nitroso-di-n-propylamine | 8.92  | 70  | 181552 | 39.381 | ng | 96   |
| 20) 3+4-Methylphenols          | 8.88  | 107 | 233874 | 39.525 | ng | 96   |
| 22) Acetophenone               | 8.94  | 105 | 306257 | 39.953 | ng | # 97 |
| 24) Nitrobenzene               | 9.32  | 77  | 245577 | 40.132 | ng | 98   |
| 25) Isophorone                 | 9.85  | 82  | 482824 | 39.732 | ng | 99   |
| 26) 2-Nitrophenol              | 10.03 | 139 | 99089  | 41.179 | ng | 94   |
| 27) 2,4-Dimethylphenol         | 10.09 | 122 | 168643 | 39.620 | ng | 96   |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93  | 270132 | 39.861 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.57 | 162 | 197786 | 39.986 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180 | 241092 | 39.922 | ng | 96   |
| 31) Naphthalene                | 10.98 | 128 | 597495 | 39.871 | ng | 100  |
| 32) Benzoic acid               | 10.20 | 122 | 133900 | 40.025 | ng | 95   |
| 33) 4-Chloroaniline            | 11.07 | 127 | 280001 | 39.975 | ng | 99   |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 168113 | 39.732 | ng | 94   |
| 35) Caprolactam                | 11.84 | 113 | 76648  | 41.671 | ng | 88   |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107 | 222914 | 41.506 | ng | 95   |
| 37) 2-Methylnaphthalene        | 12.58 | 142 | 444444 | 39.592 | ng | 100  |
| 38) 1-Methylnaphthalene        | 12.80 | 142 | 426077 | 40.469 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 278541 | 39.713 | ng | 100  |

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 Operator : HP/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

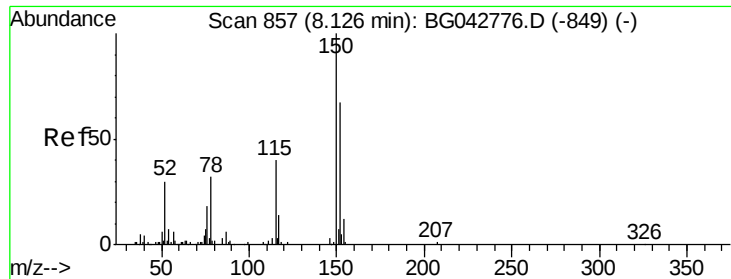
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 12 18:45:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 12 14:06:09 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.93 | 237  | 152868   | 38.046 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.17 | 196  | 190072   | 40.706 | ng    | 91       |
| 44) 2,4,5-Trichlorophenol      | 13.24 | 196  | 192233   | 40.192 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.58 | 154  | 589336   | 39.662 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.62 | 162  | 478866   | 38.958 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.81 | 65   | 179253   | 42.039 | ng    | 97       |
| 49) Acenaphthylene             | 14.46 | 152  | 751930   | 40.031 | ng    | 99       |
| 50) Dimethylphthalate          | 14.19 | 163  | 642634   | 40.416 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.31 | 165  | 136009   | 41.687 | ng    | 93       |
| 52) Acenaphthene               | 14.81 | 154  | 489903   | 39.922 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.63 | 138  | 152733   | 41.711 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.83 | 184  | 67152    | 41.810 | ng    | # 81     |
| 55) Dibenzofuran               | 15.14 | 168  | 724349   | 39.712 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 118593   | 41.888 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.09 | 165  | 185902   | 42.748 | ng    | # 97     |
| 58) Fluorene                   | 15.79 | 166  | 601566   | 39.795 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 187419   | 40.423 | ng    | 99       |
| 60) Diethylphthalate           | 15.56 | 149  | 652285   | 40.414 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.78 | 204  | 354296   | 39.639 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.79 | 138  | 163898   | 41.525 | ng    | 98       |
| 63) Azobenzene                 | 16.07 | 77   | 619062   | 39.831 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.85 | 198  | 89183    | 41.300 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.99 | 169  | 542527   | 39.950 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.67 | 248  | 238721   | 39.081 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.80 | 284  | 256432   | 39.288 | ng    | 99       |
| 69) Atrazine                   | 16.93 | 200  | 169878   | 35.922 | ng    | 98       |
| 70) Pentachlorophenol          | 17.13 | 266  | 160320   | 41.405 | ng    | 96       |
| 71) Phenanthrene               | 17.53 | 178  | 975421   | 40.415 | ng    | 99       |
| 72) Anthracene                 | 17.62 | 178  | 977413   | 40.536 | ng    | 99       |
| 73) Carbazole                  | 17.88 | 167  | 923127   | 40.280 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.45 | 149  | 1121536  | 40.852 | ng    | 99       |
| 75) Fluoranthene               | 19.54 | 202  | 1277136  | 40.829 | ng    | 100      |
| 77) Benzidine                  | 19.71 | 184  | 466818   | 33.725 | ng    | 97       |
| 78) Pyrene                     | 19.89 | 202  | 1282108  | 41.334 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.79 | 149  | 520612   | 41.472 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.75 | 228  | 1278493  | 40.586 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 482946   | 39.450 | ng    | 100      |
| 83) Chrysene                   | 21.81 | 228  | 1222435  | 40.968 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.67 | 149  | 691778   | 40.331 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.92 | 149  | 1177897  | 40.283 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.79 | 276  | 1459329  | 39.493 | ng    | # 93     |
| 88) Benzo(b)fluoranthene       | 24.01 | 252  | 1293439  | 40.444 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.08 | 252  | 1227875  | 40.645 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.89 | 252  | 1207649  | 40.328 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.87 | 278  | 1187681  | 40.324 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.96 | 276  | 1152953  | 40.132 | ng    | 97       |

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



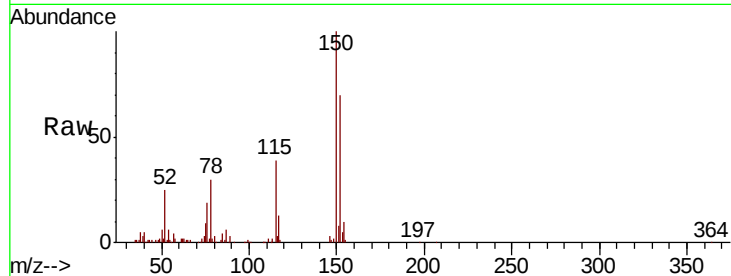


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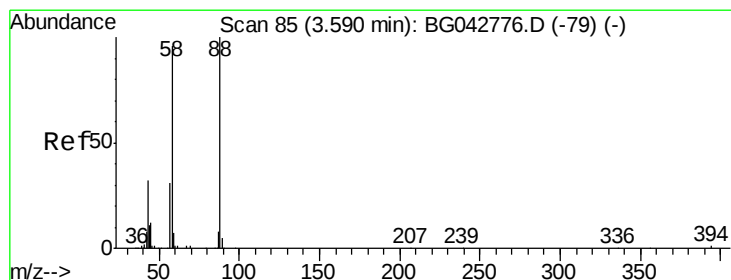
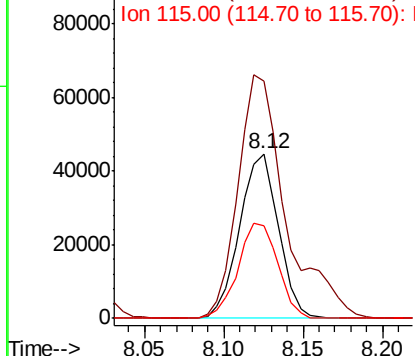
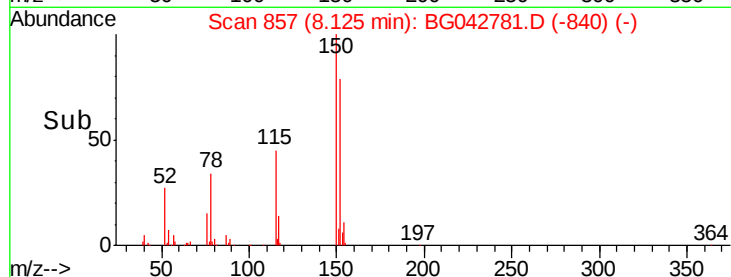
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.12 min Scan# 857  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 143.6 | 118.9 | 178.3 |
| 115     | 56.5  | 47.4  | 71.2  |



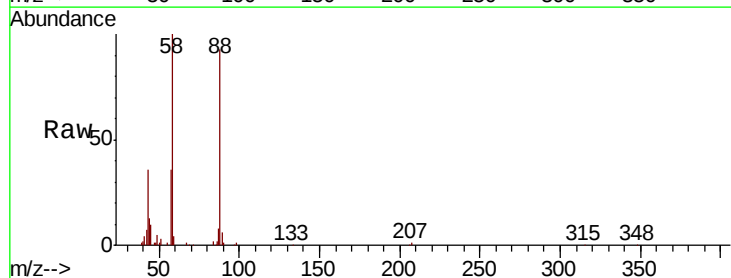
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



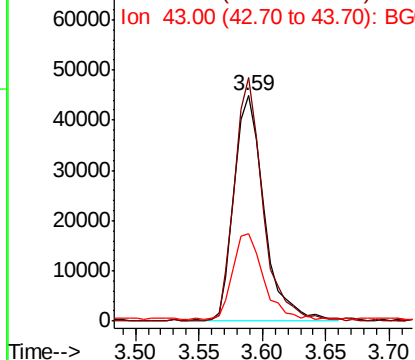
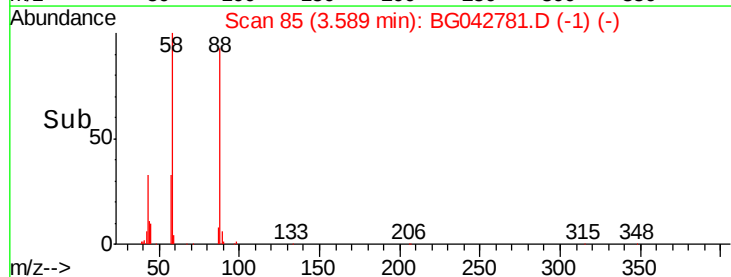
#2

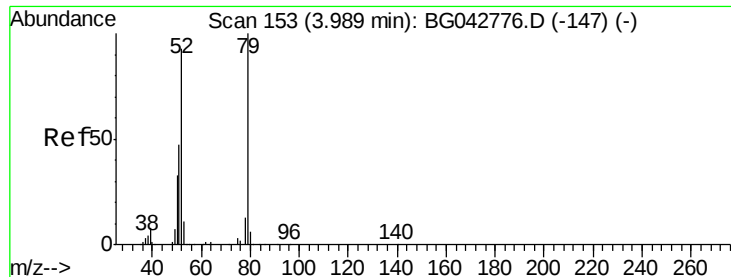
1,4-Dioxane  
Concen: 37.263 ng  
RT: 3.59 min Scan# 85  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 101.7 | 79.1  | 118.7 |
| 43      | 38.8  | 30.4  | 45.6  |



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





#3

Pvridine

Concen: 38.930 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

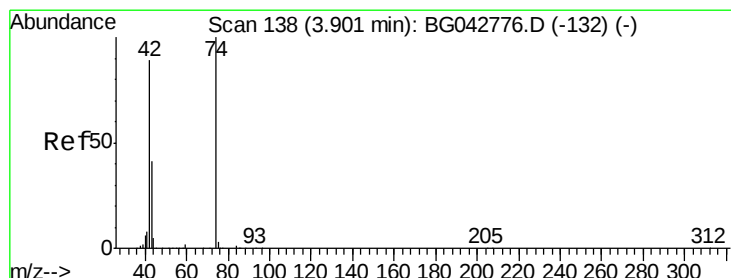
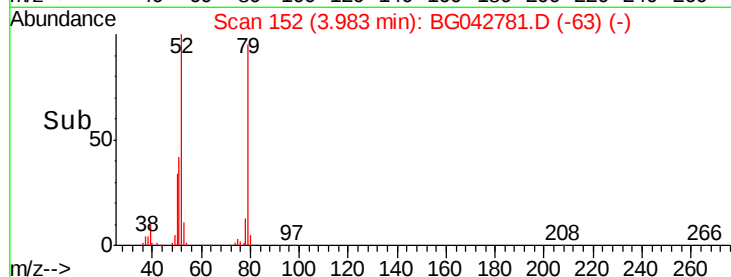
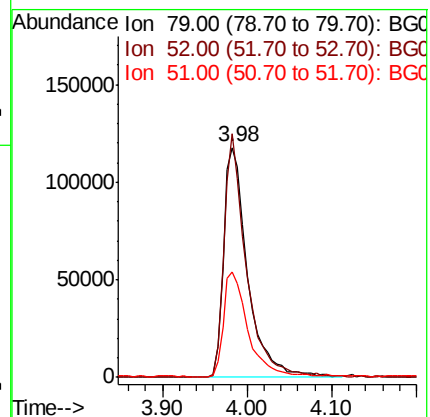
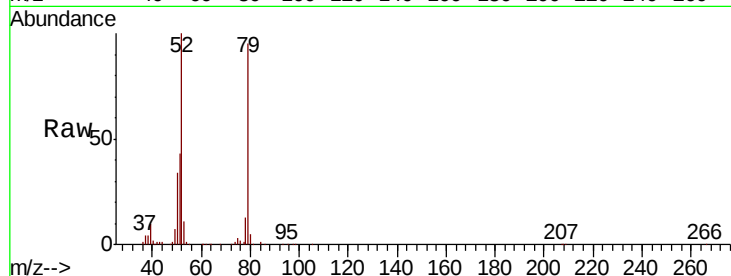
Tot Ion: 79 Resp: 233171

Ion Ratio Lower Upper

79 100

52 105.8 74.0 111.0

51 45.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.380 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

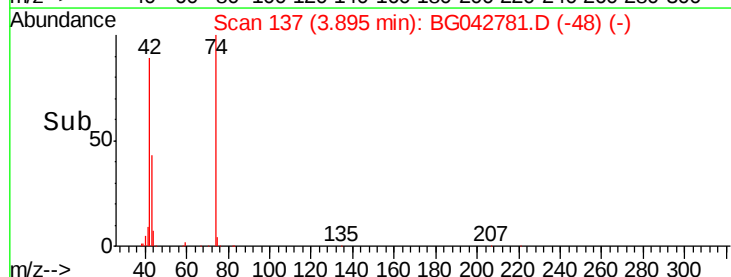
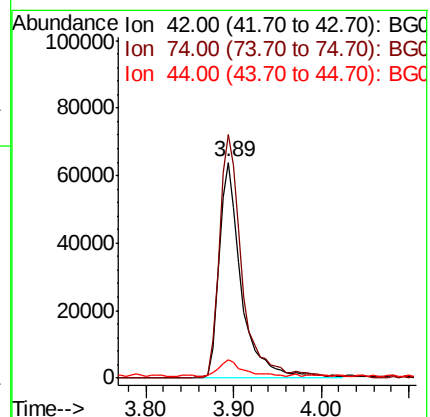
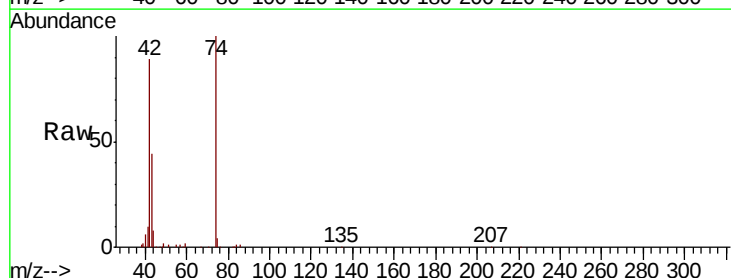
Tgt Ion: 42 Resp: 111856

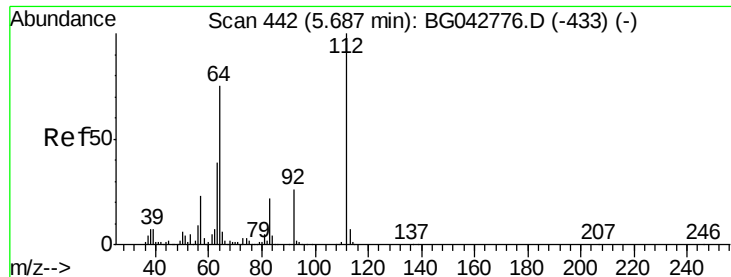
Ion Ratio Lower Upper

42 100

74 112.9 90.2 135.2

44 8.8 6.6 9.8





#5

2-Fluorophenol

Concen: 79.518 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampled :

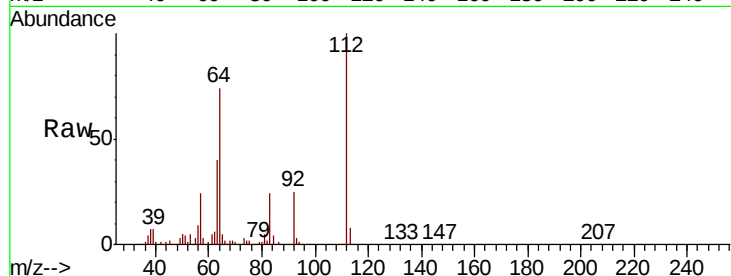
Tot Ion:112 Resp: 346610

Ion Ratio Lower Upper

112 100

64 73.8 60.2 90.2

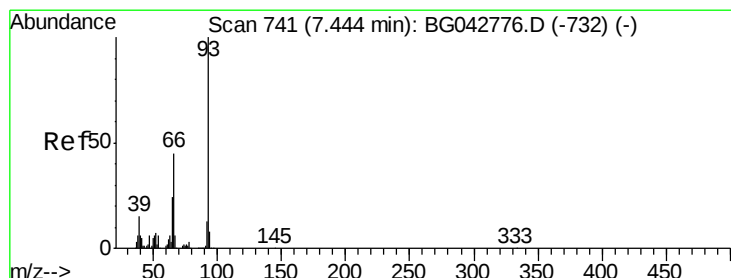
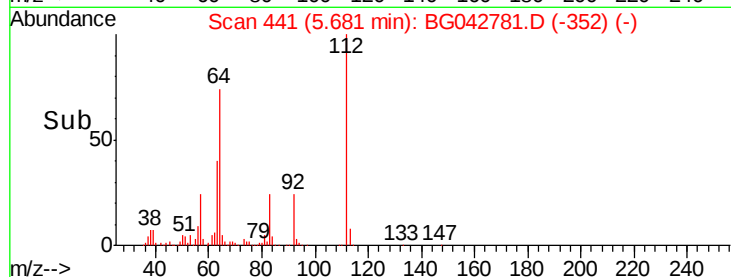
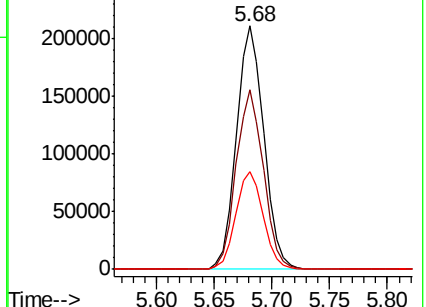
63 40.0 31.2 46.8



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: 39.351 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

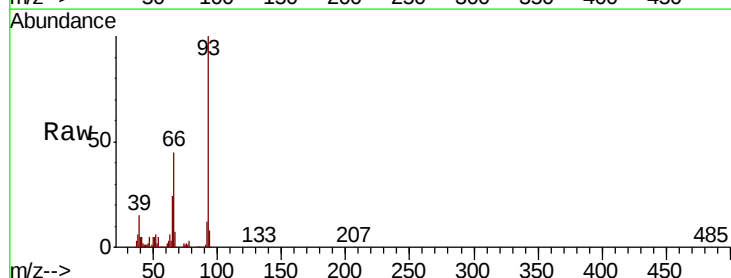
Tgt Ion: 93 Resp: 332168

Ion Ratio Lower Upper

93 100

66 45.2 36.3 54.5

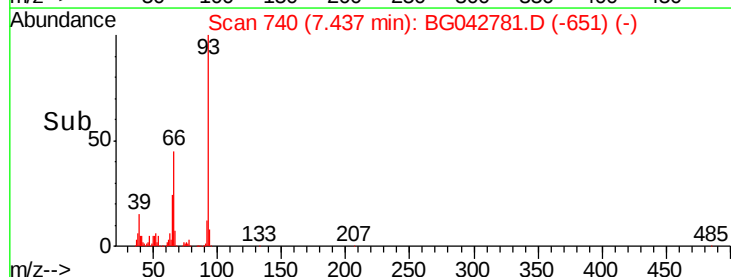
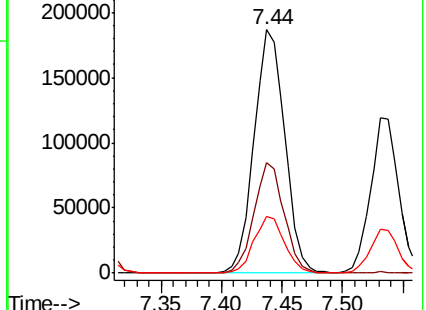
65 23.6 19.3 28.9

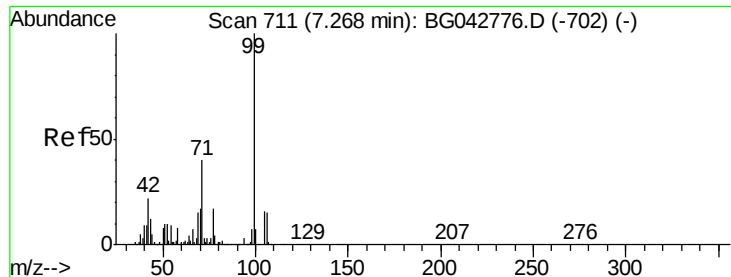


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.024 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

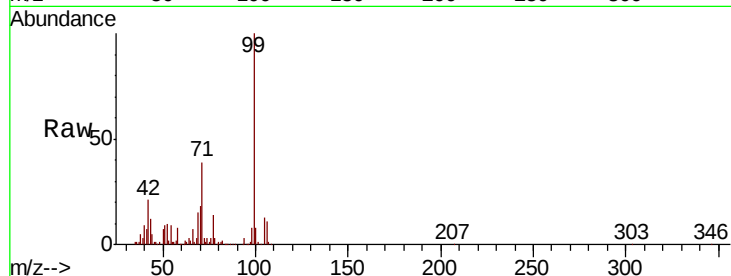
Tot Ion: 99 Resp: 494409

Ion Ratio Lower Upper

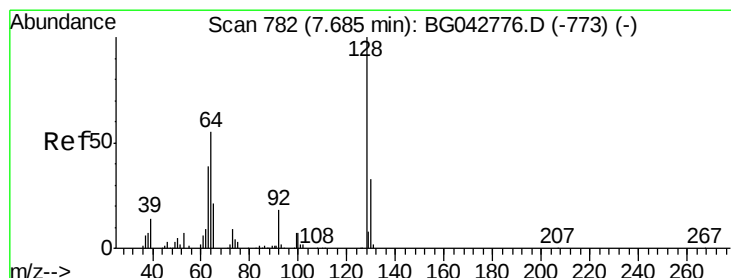
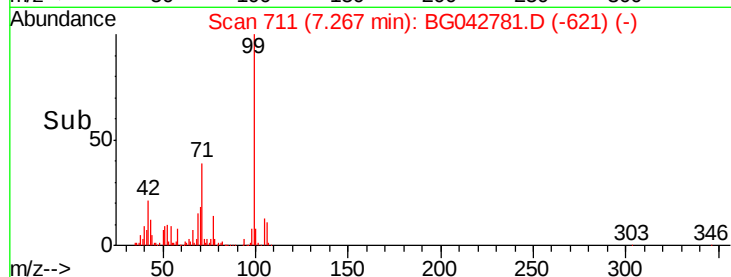
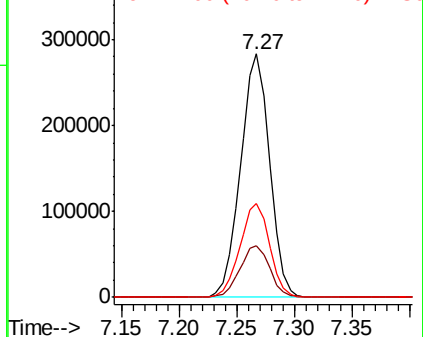
99 100

42 21.2 17.5 26.3

71 38.7 32.0 48.0



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: 39.564 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

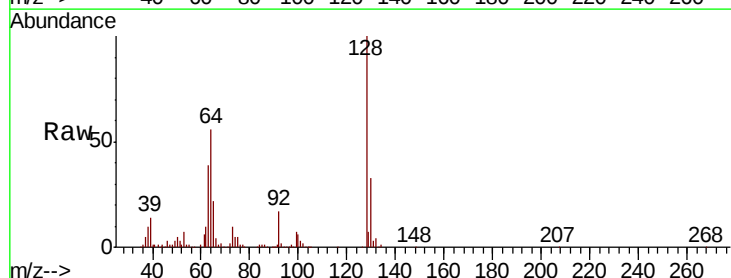
Tgt Ion: 128 Resp: 186415

Ion Ratio Lower Upper

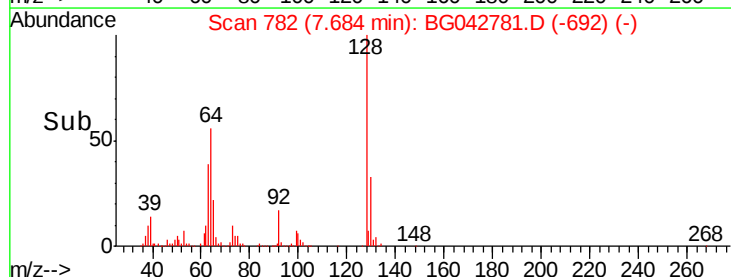
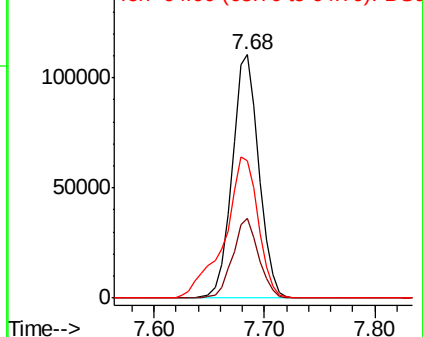
128 100

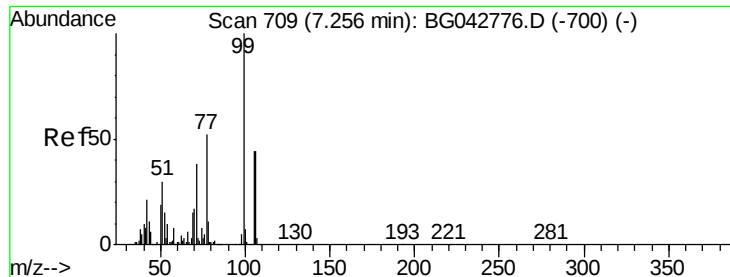
130 32.7 12.8 52.8

64 56.4 36.8 76.8



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





#9

Benzaldehyde

Concen: 36.676 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampled :

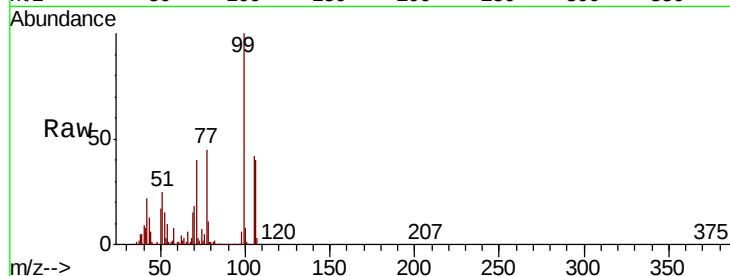
Tot Ion: 77 Resp: 149322

Ion Ratio Lower Upper

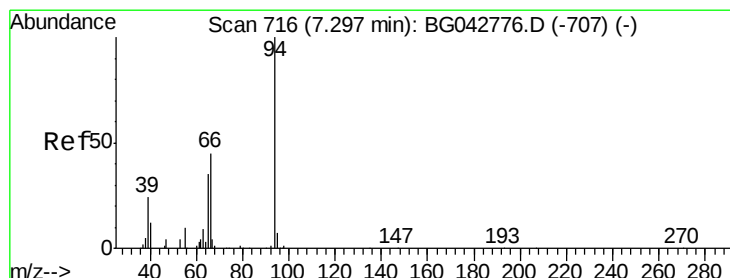
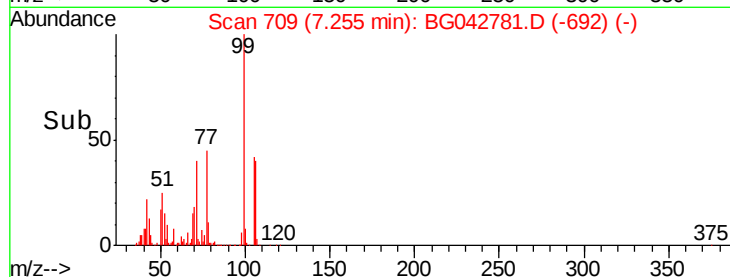
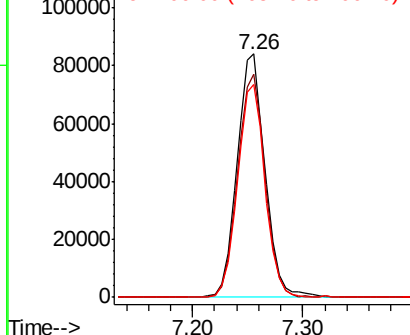
77 100

105 91.8 64.5 104.5

106 87.4 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.075 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

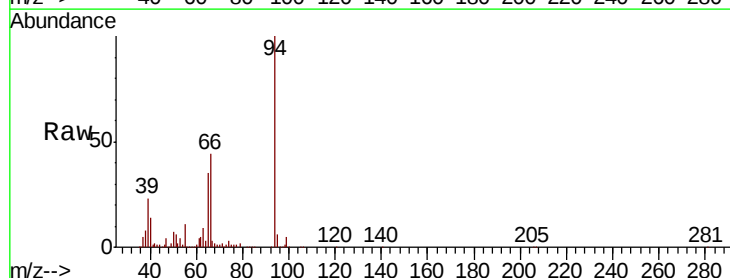
Tgt Ion: 94 Resp: 257131

Ion Ratio Lower Upper

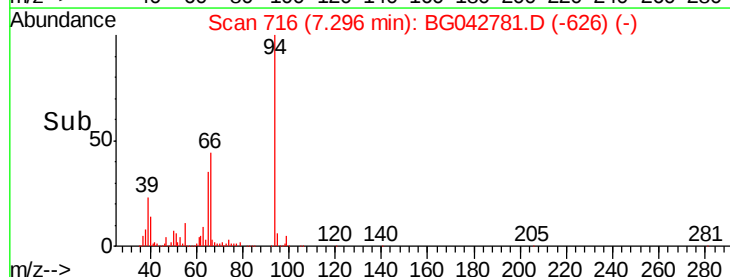
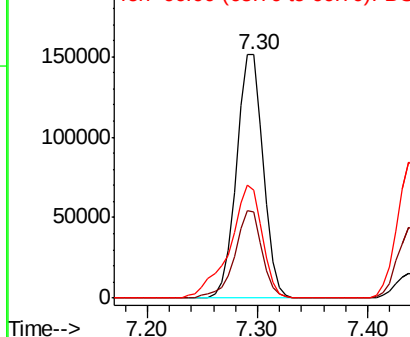
94 100

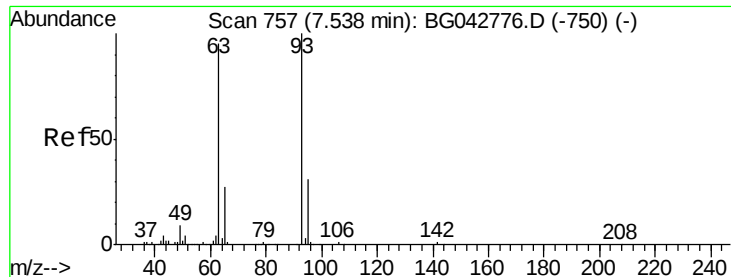
65 35.3 15.0 55.0

66 44.1 26.1 66.1



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



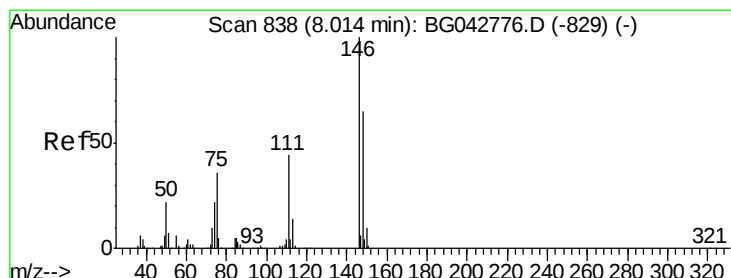
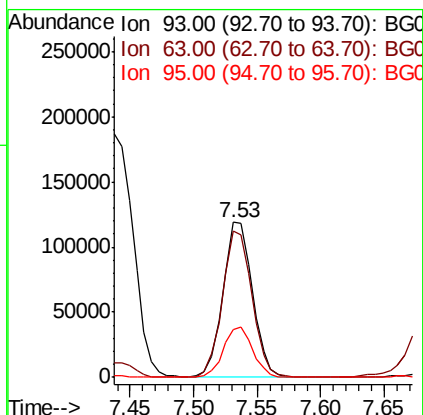
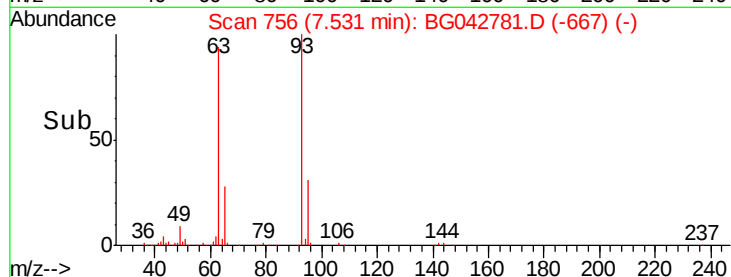
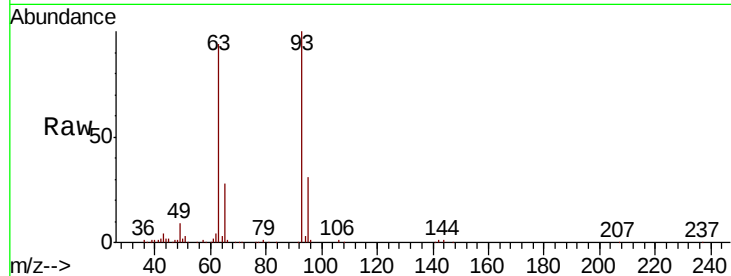


#11

bis(2-Chloroethyl)ether  
Concen: 39.159 ng  
RT: 7.53 min Scan# 756  
Delta R.T. -0.01 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

Instrument :  
BNA\_G  
ClientSampleId :

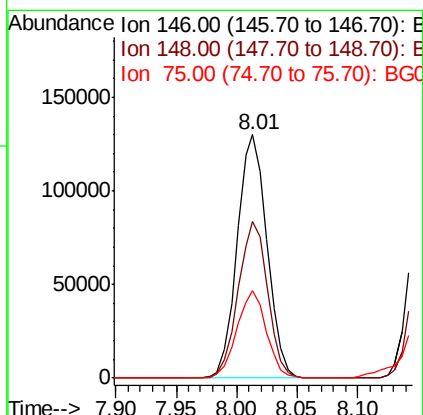
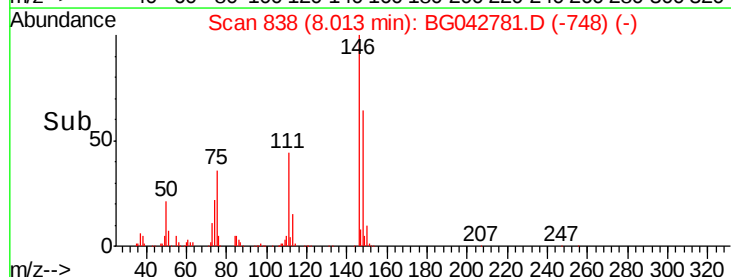
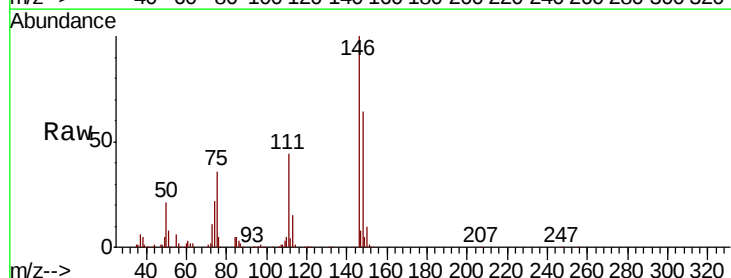
Tot Ion: 93 Resp: 192828  
Ion Ratio Lower Upper  
93 100  
63 94.4 74.7 114.7  
95 30.6 11.1 51.1

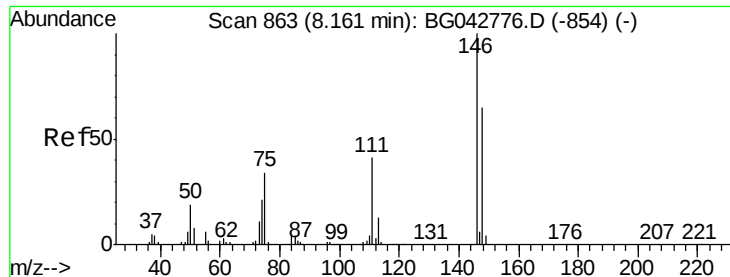


#12

1,3-Dichlorobenzene  
Concen: 38.863 ng  
RT: 8.01 min Scan# 838  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

Tgt Ion: 146 Resp: 223342  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.9 77.9  
75 35.7 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 39.114 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

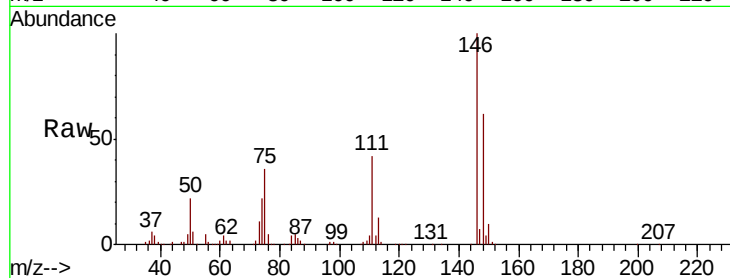
Tot Ion:146 Resp: 225042

Ion Ratio Lower Upper

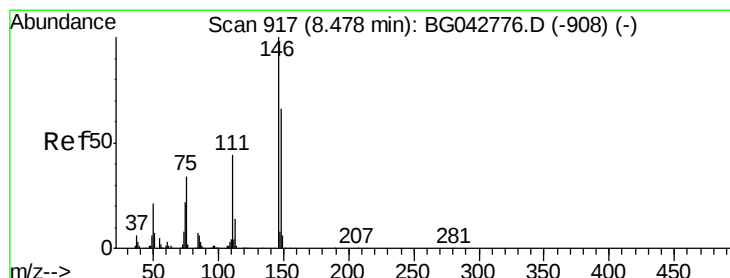
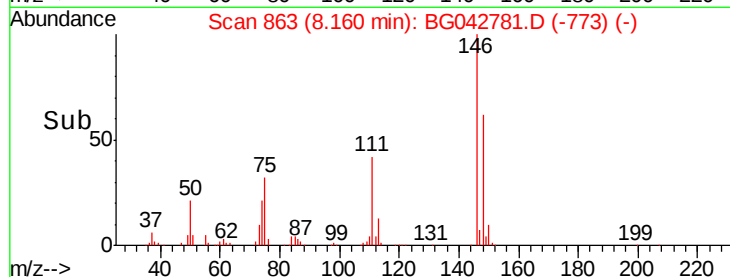
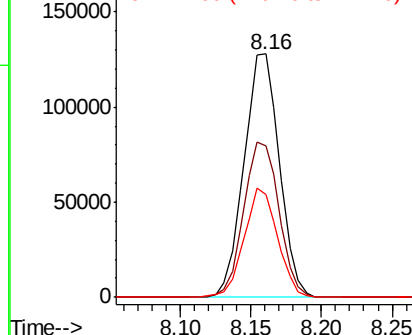
146 100

148 62.3 52.2 78.4

111 42.1 32.6 49.0



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: 39.881 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

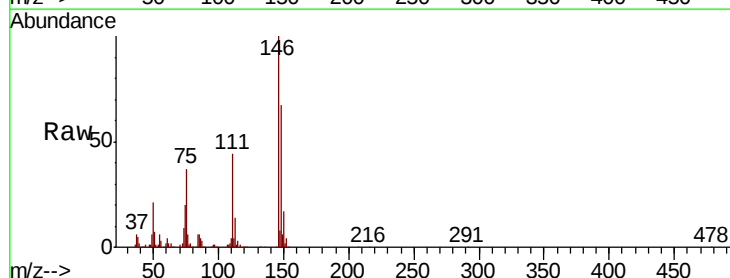
Tgt Ion:146 Resp: 218420

Ion Ratio Lower Upper

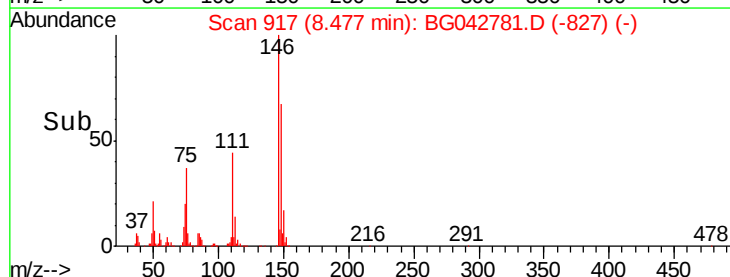
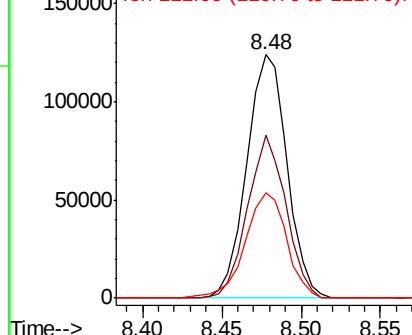
146 100

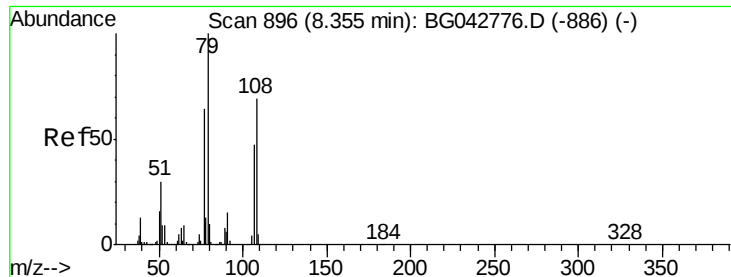
148 66.8 52.6 78.8

111 43.5 35.3 52.9



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: 39.485 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

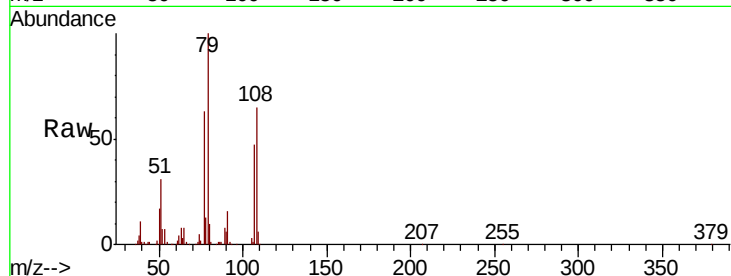
Tot Ion: 79 Resp: 212000

Ion Ratio Lower Upper

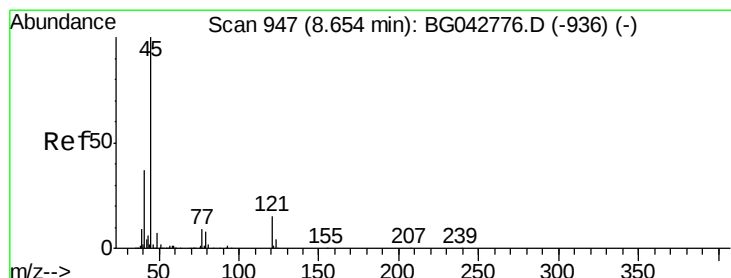
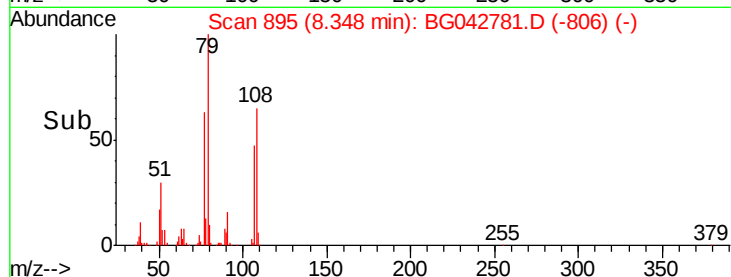
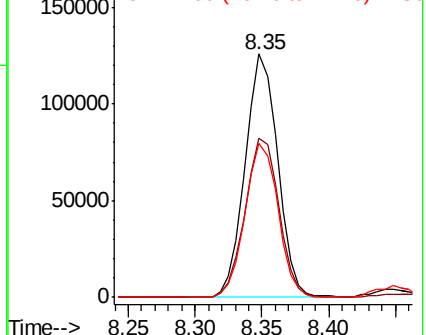
79 100

108 65.2 54.9 82.3

77 63.2 51.0 76.6



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: 38.741 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

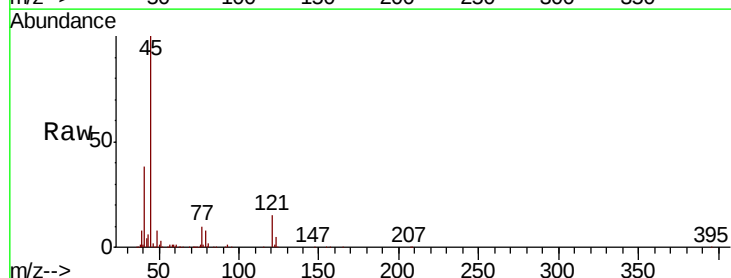
Tgt Ion: 45 Resp: 418933

Ion Ratio Lower Upper

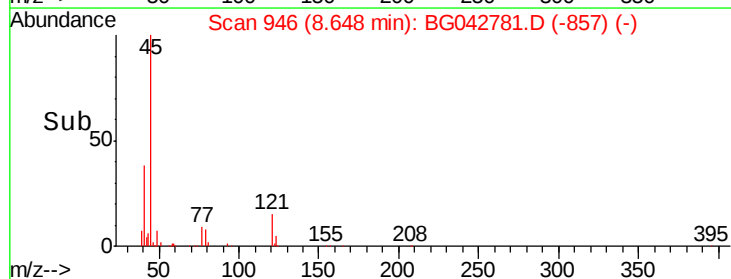
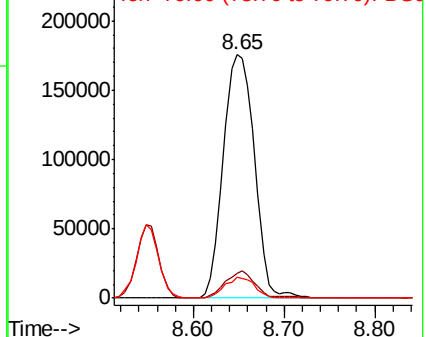
45 100

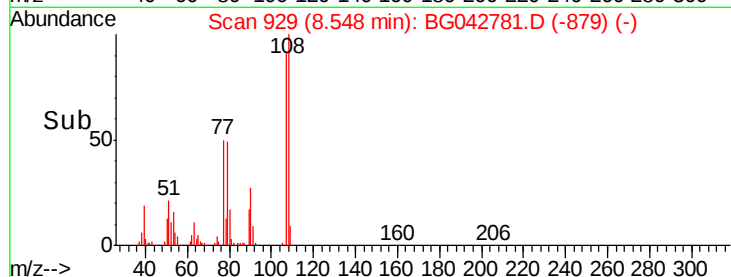
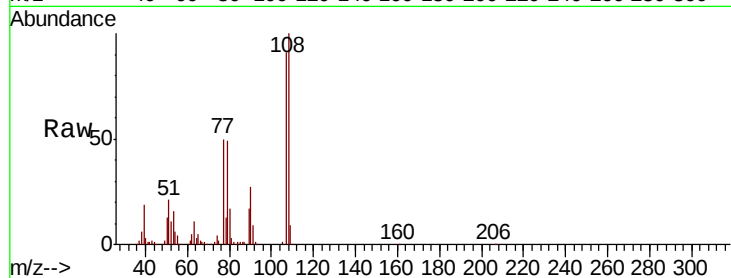
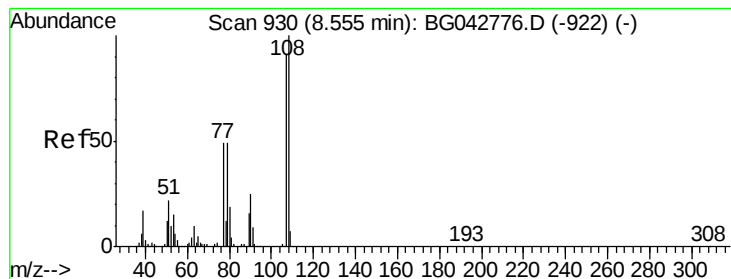
77 10.2 0.0 29.4

79 8.4 0.0 28.4



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: 39.028 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 167528

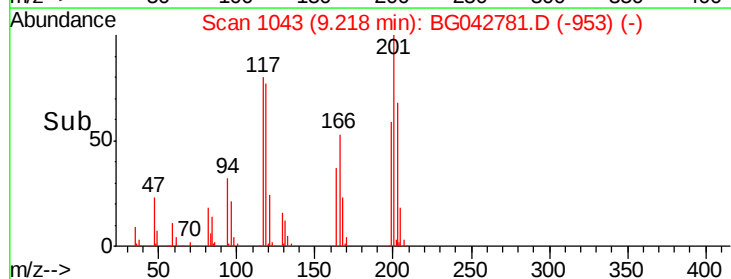
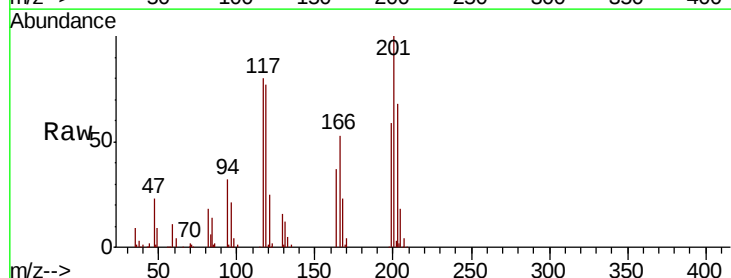
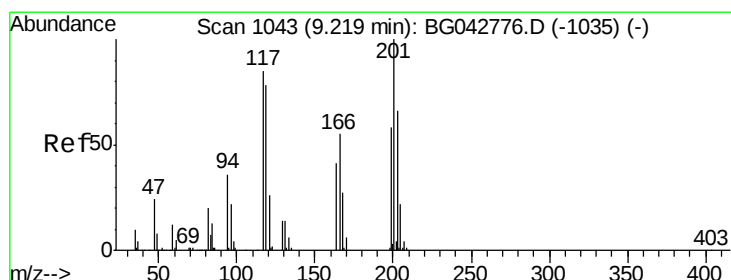
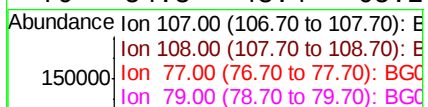
Ion Ratio Lower Upper

107 100

108 109.7 87.7 131.5

77 54.4 42.6 64.0

79 54.3 43.4 65.2



#18

Hexachloroethane

Concen: 38.492 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

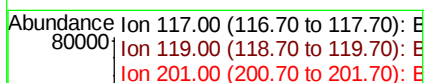
Tgt Ion:117 Resp: 81764

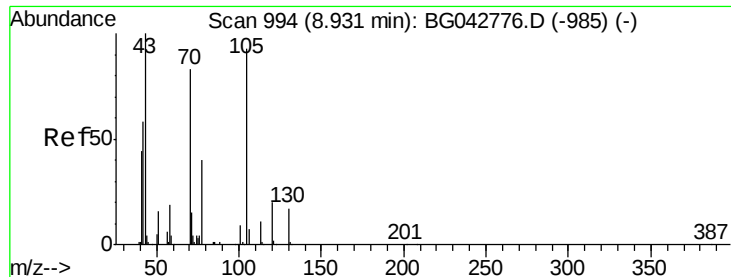
Ion Ratio Lower Upper

117 100

119 96.5 73.8 110.8

201 124.7 94.6 142.0

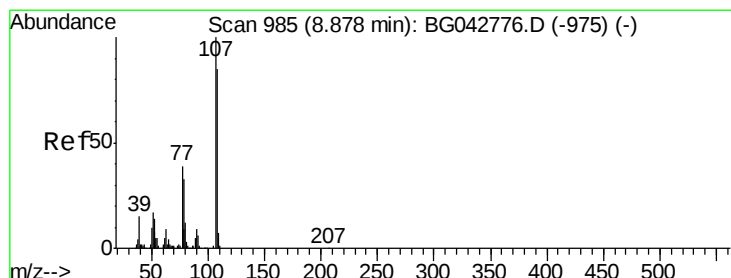
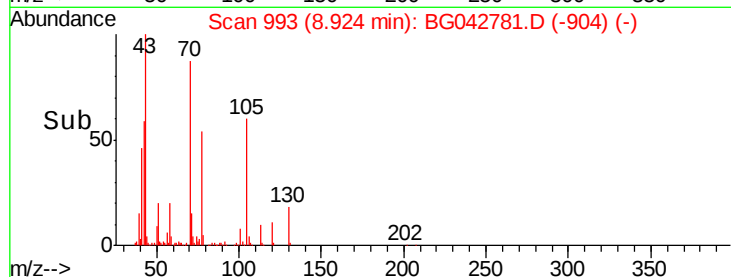
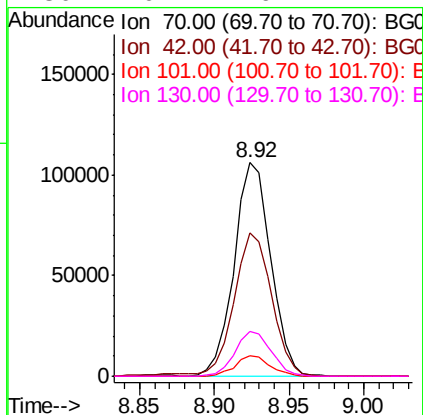
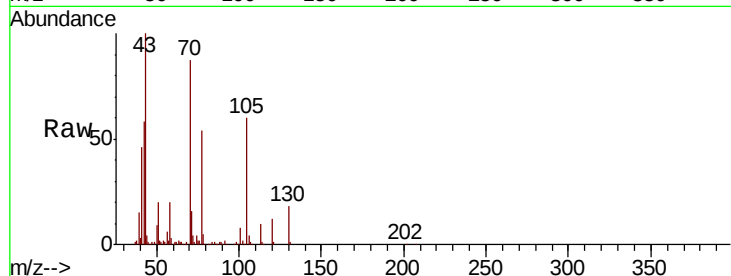




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.381 ng  
RT: 8.92 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

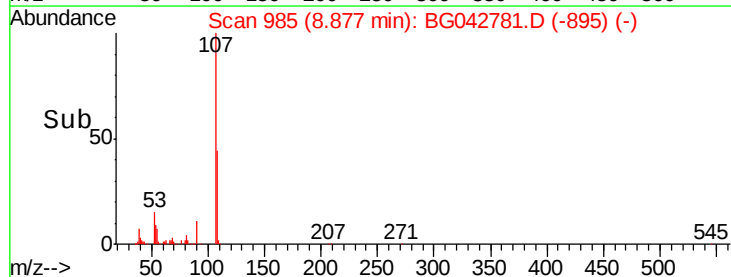
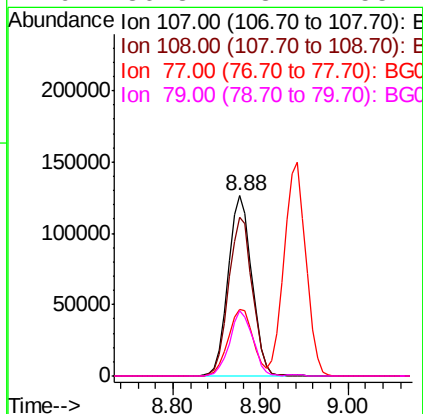
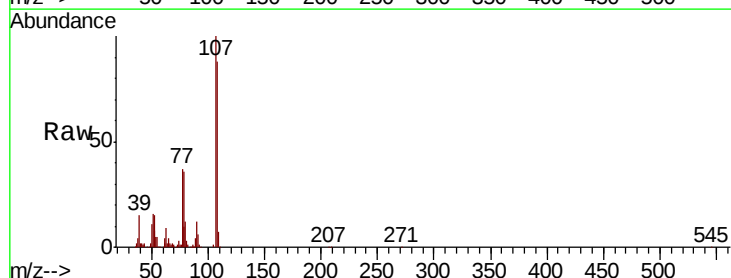
Instrument :  
BNA\_G  
ClientSampleId :

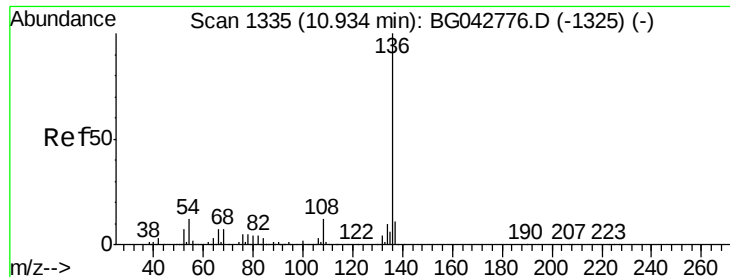
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 181552 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 67.3  | 57.0  | 85.6   |
| 101      | 9.5   | 8.4   | 12.6   |
| 130      | 20.7  | 16.1  | 24.1   |



#20  
3+4-Methylphenols  
Concen: 39.525 ng  
RT: 8.88 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 233874 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.5  | 65.4  | 105.4  |
| 77       | 36.9  | 18.7  | 58.7   |
| 79       | 36.3  | 13.7  | 53.7   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 303518

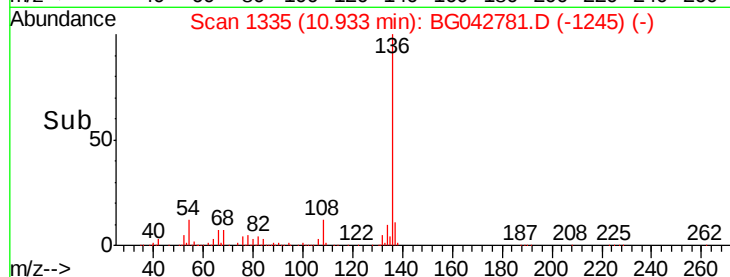
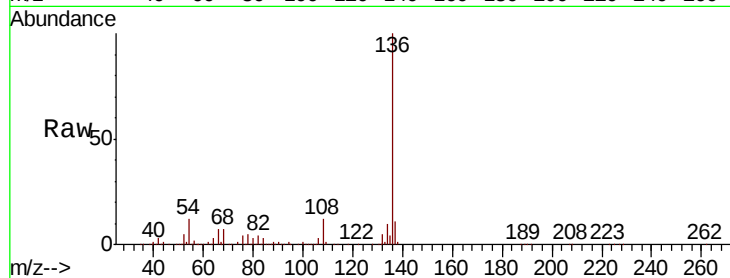
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 11.9 9.4 14.0

68 6.7 5.4 8.2

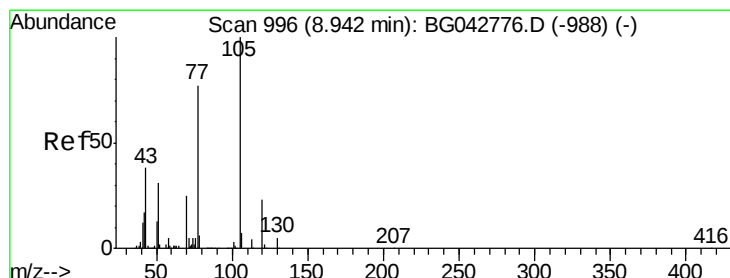
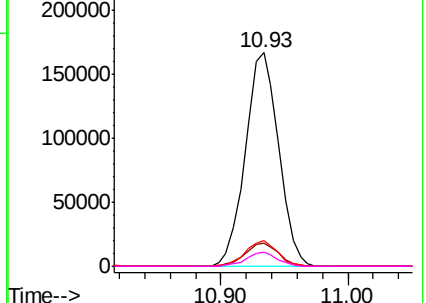


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.953 ng

RT: 8.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Tgt Ion:105 Resp: 306257

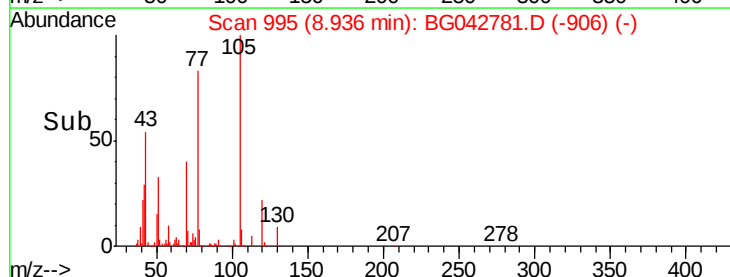
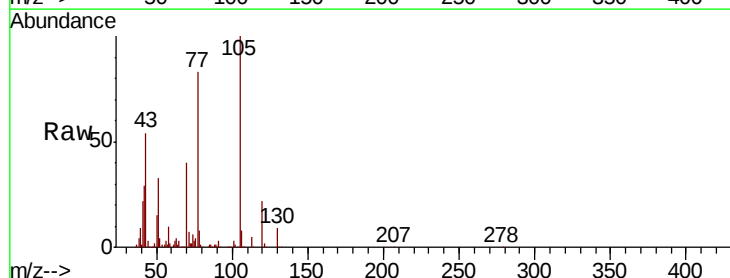
Ion Ratio Lower Upper

105 100

71 6.6 3.7 5.5#

51 33.5 28.8 43.2

120 22.4 18.5 27.7

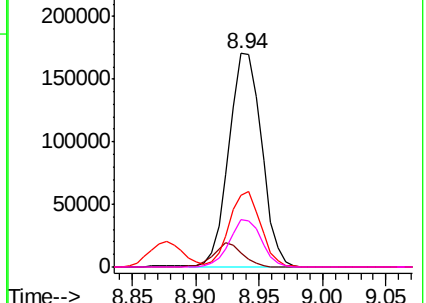


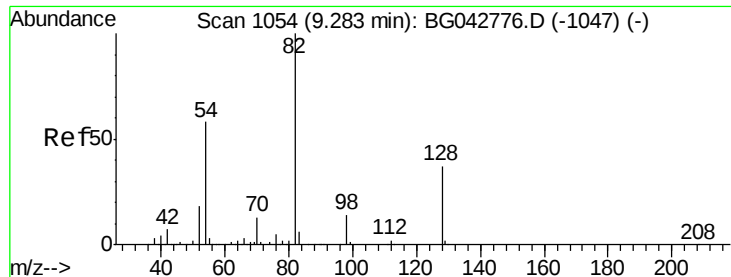
Abundance Ion 105.00 (104.70 to 105.70): E

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

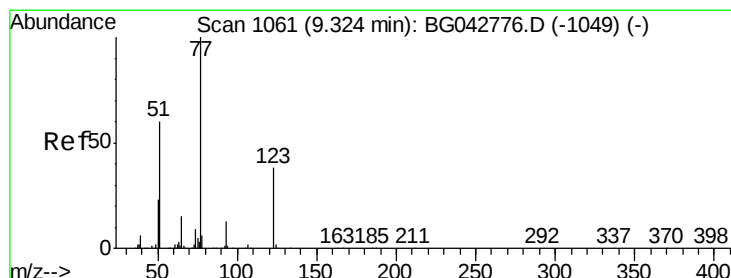
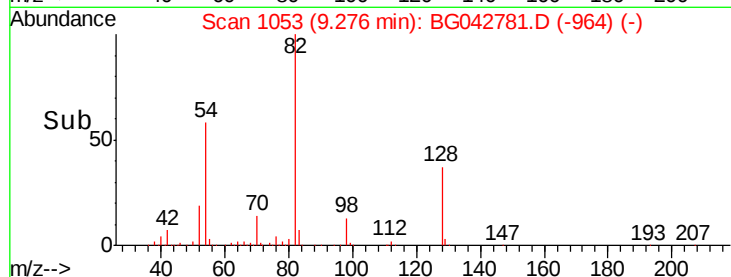
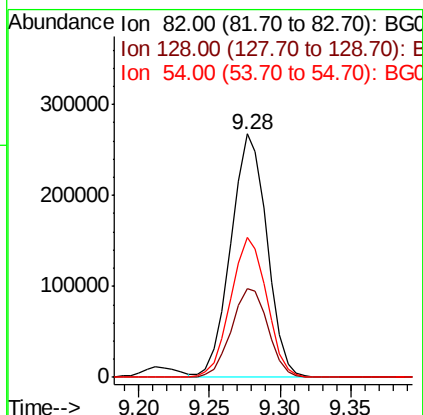
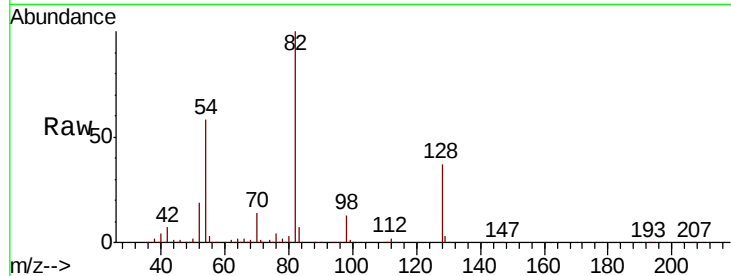




#23  
 Nitrobenzene-d5  
 Concen: 81.937 ng  
 RT: 9.28 min Scan# 1053  
 Delta R.T. -0.01 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

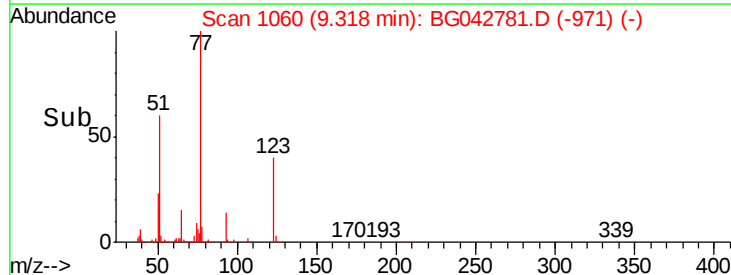
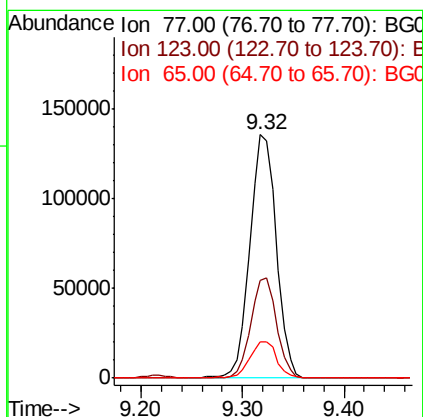
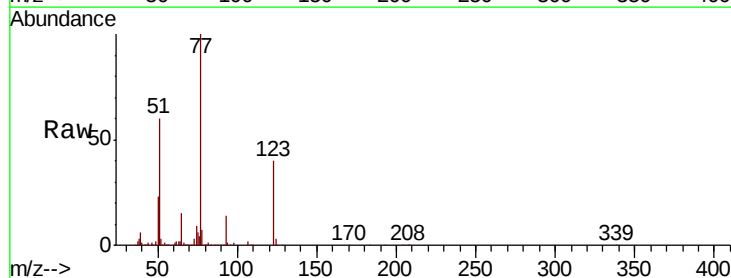
Instrument :  
 BNA\_G  
 ClientSampleId :

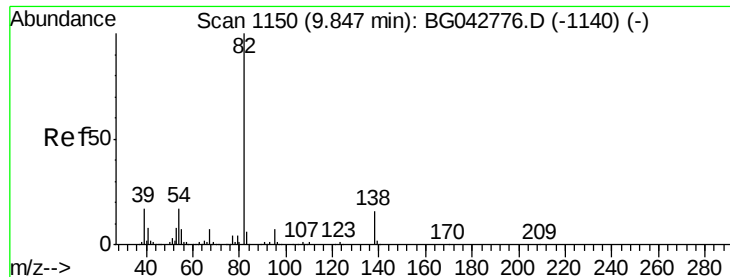
| Tot Ion   | 82   | Resp  | 477683 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 36.6 | 29.8  | 44.8   |
| 54        | 57.6 | 46.1  | 69.1   |



#24  
 Nitrobenzene  
 Concen: 40.132 ng  
 RT: 9.32 min Scan# 1060  
 Delta R.T. -0.01 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

| Tgt Ion   | 77   | Resp  | 245577 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 40.2 | 30.7  | 46.1   |
| 65        | 14.8 | 12.2  | 18.4   |





#25

Isophorone

Concen: 39.732 ng

RT: 9.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

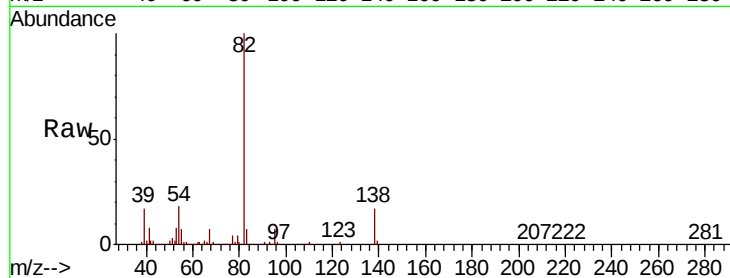
Tot Ion: 82 Resp: 482824

Ion Ratio Lower Upper

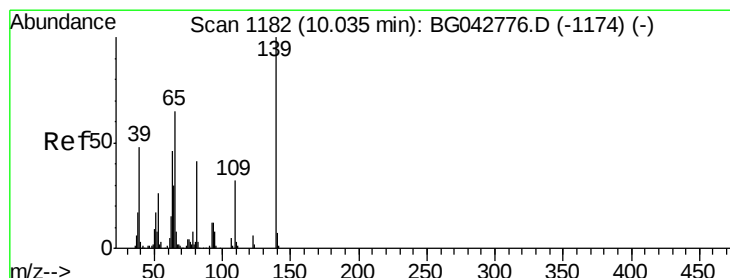
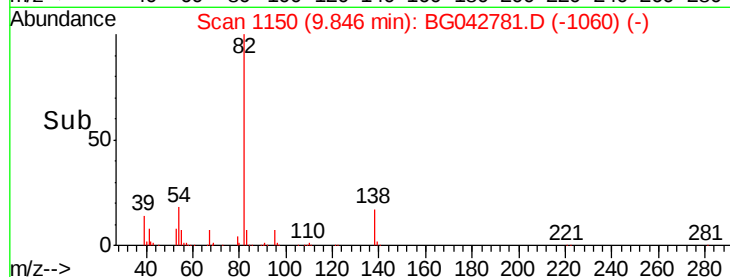
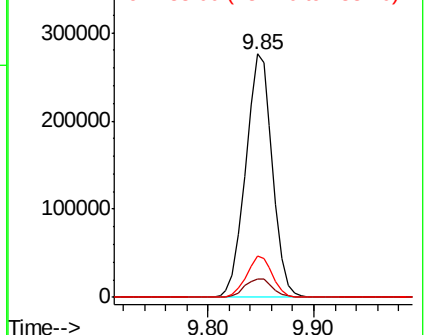
82 100

95 7.4 5.8 8.8

138 16.8 12.9 19.3



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



#26

2-Nitrophenol

Concen: 41.179 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

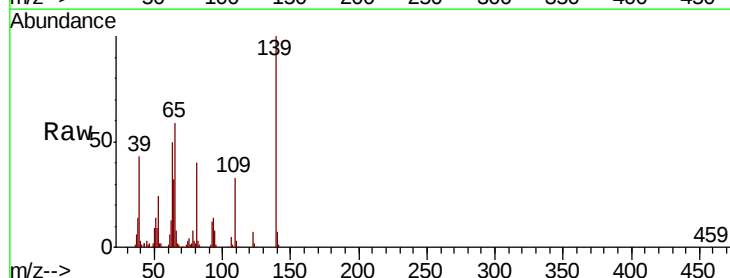
Tgt Ion: 139 Resp: 99089

Ion Ratio Lower Upper

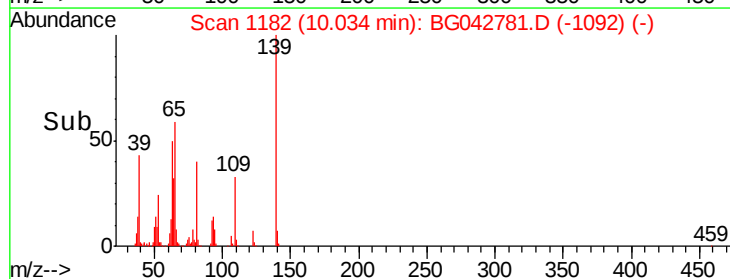
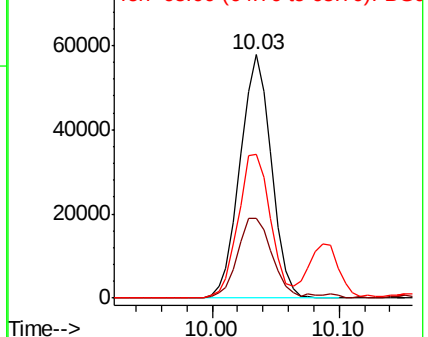
139 100

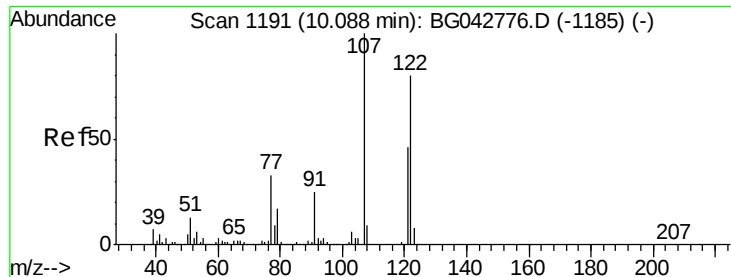
109 32.7 25.8 38.8

65 58.9 52.2 78.2



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

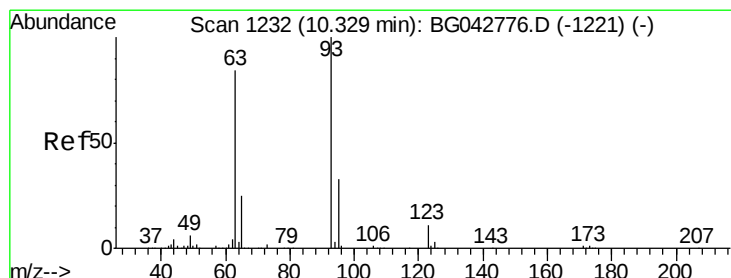
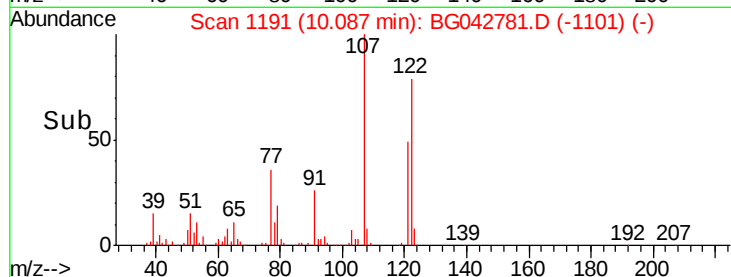
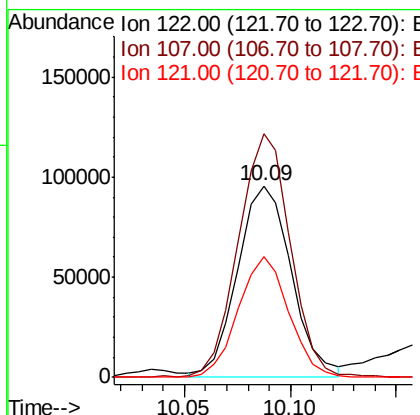
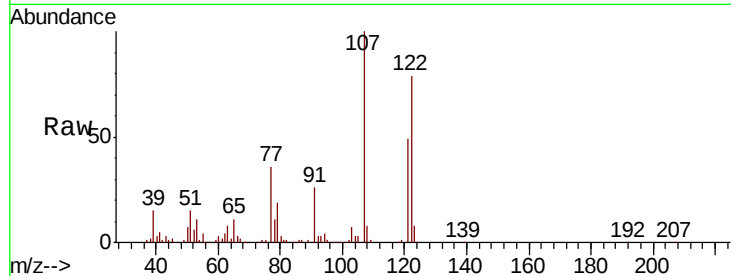




#27  
 2,4-Dimethylphenol  
 Concen: 39.620 ng  
 RT: 10.09 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

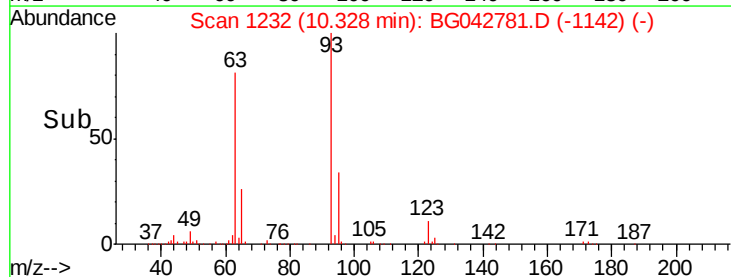
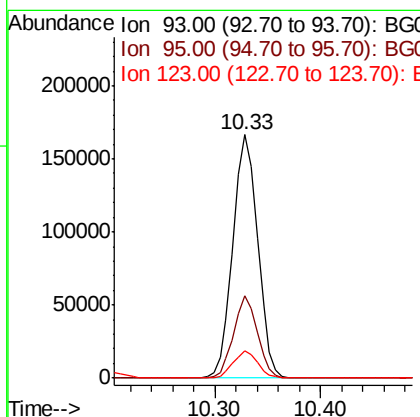
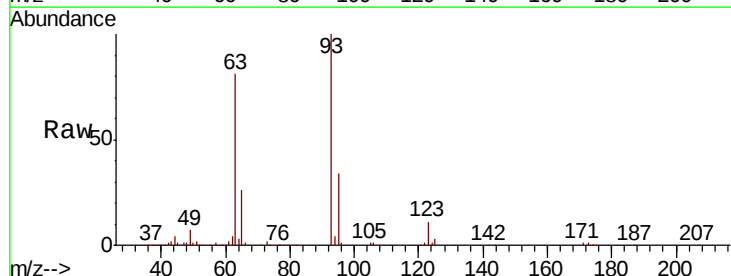
Instrument :  
 BNA\_G  
 ClientSampleId :

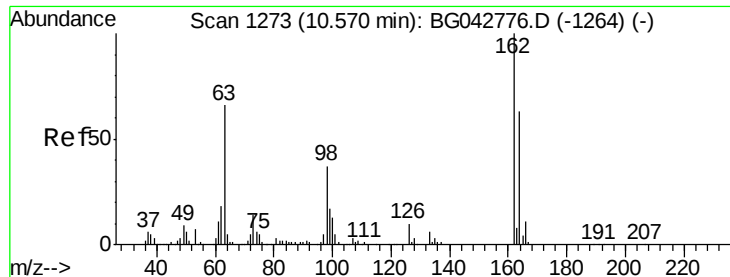
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 127.3 | 98.9  | 148.3 |
| 121     | 63.0  | 46.2  | 69.2  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.861 ng  
 RT: 10.33 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.6  | 26.6  | 40.0  |
| 123     | 11.0  | 9.0   | 13.6  |

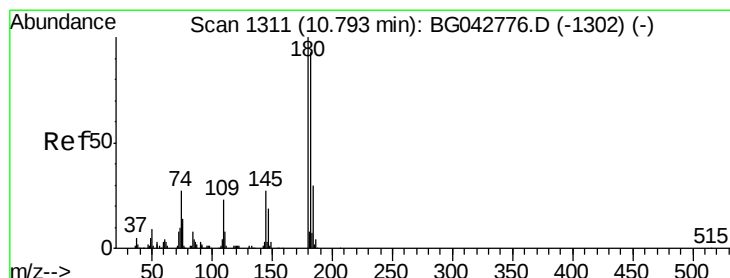
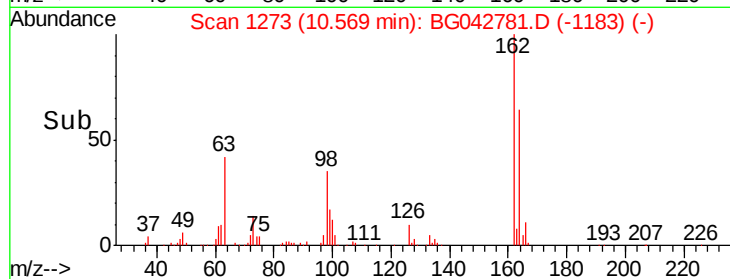
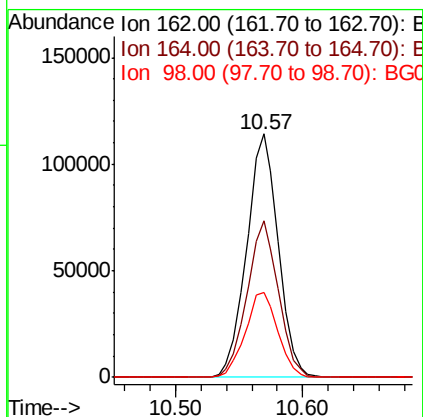
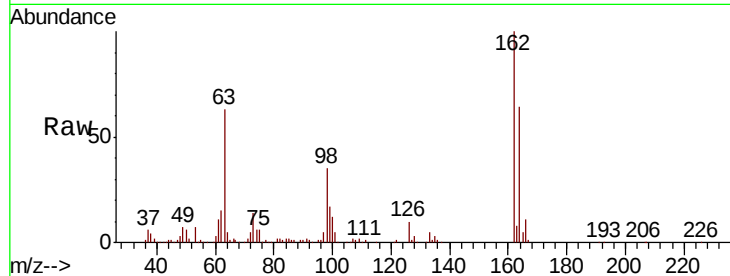




#29  
 2,4-Dichlorophenol  
 Concen: 39.986 ng  
 RT: 10.57 min Scan# 1273  
 Delta R.T. -0.00 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

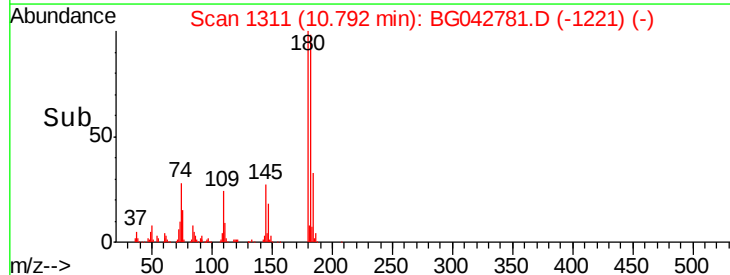
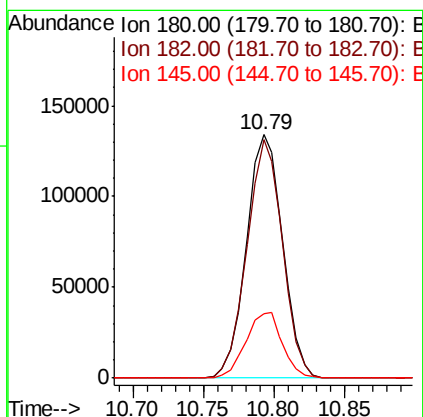
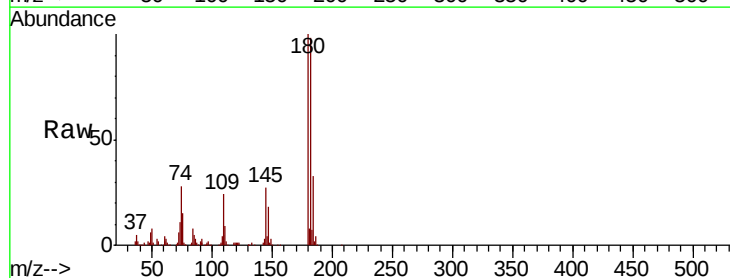
Instrument :  
 BNA\_G  
 ClientSampled :

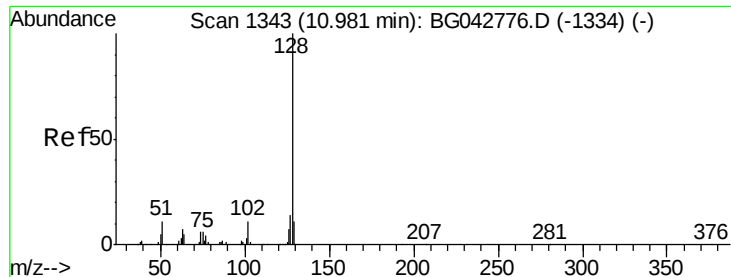
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.3  | 43.4  | 83.4  |
| 98      | 35.0  | 17.0  | 57.0  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.922 ng  
 RT: 10.79 min Scan# 1311  
 Delta R.T. -0.00 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.9  | 74.6  | 112.0 |
| 145     | 26.7  | 21.8  | 32.6  |

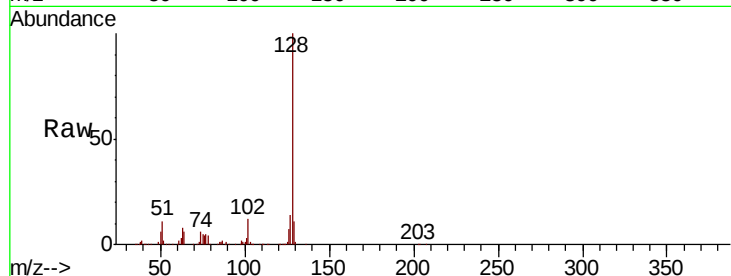




#31  
Naphthalene  
Concen: 39.871 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 9.0   | 13.6  |
| 127     | 14.4  | 11.4  | 17.2  |

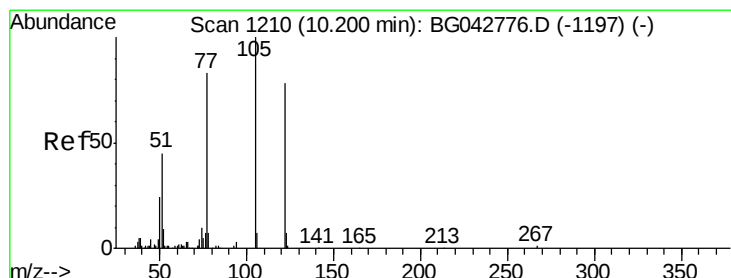
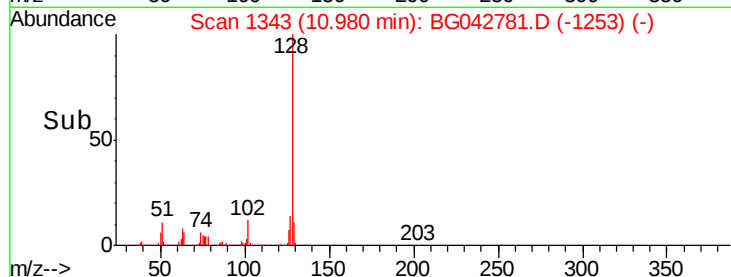
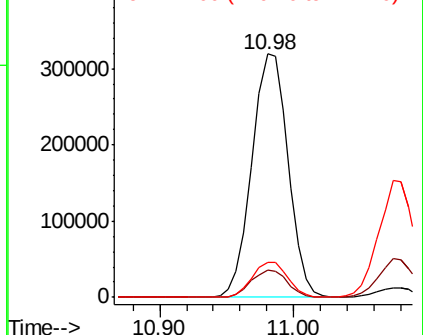


Abundance

Ion 128.00 (127.70 to 128.70): E

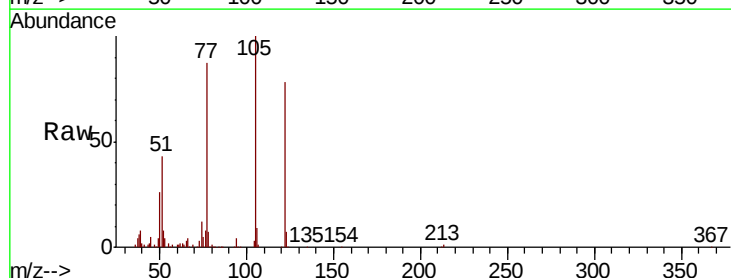
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 40.025 ng  
RT: 10.20 min Scan# 1211  
Delta R.T. 0.01 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 127.8 | 104.0 | 144.0 |
| 77      | 111.1 | 84.2  | 124.2 |

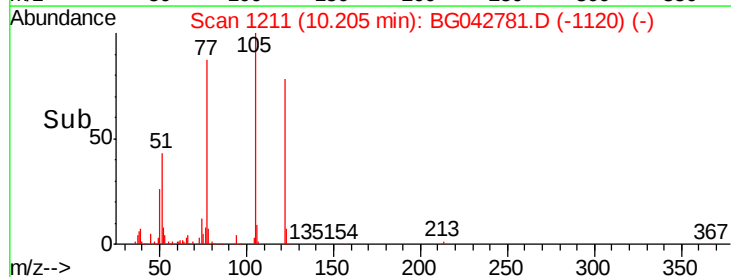
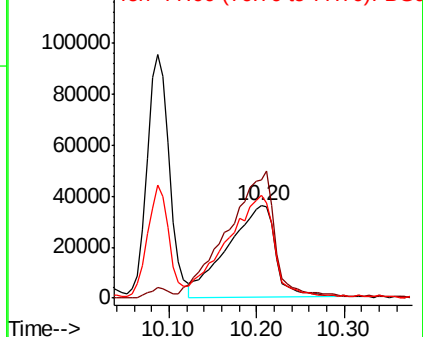


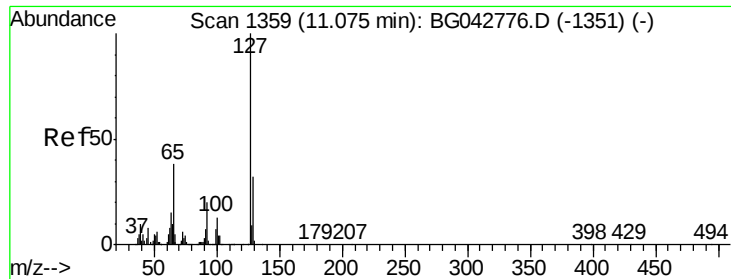
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

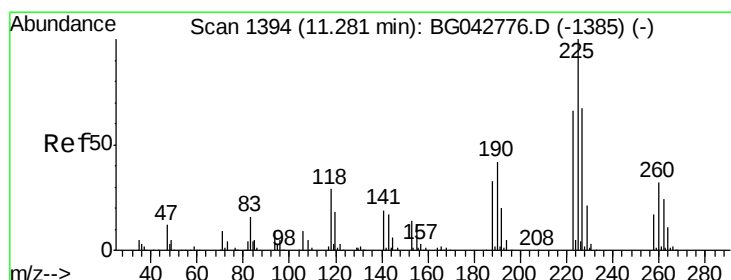
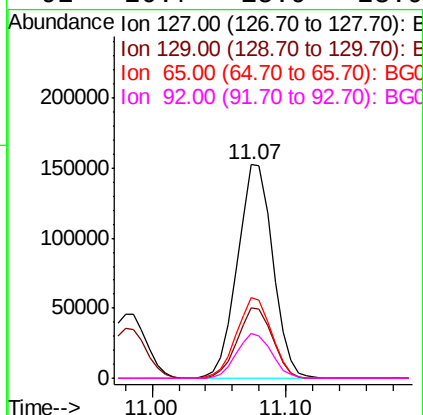
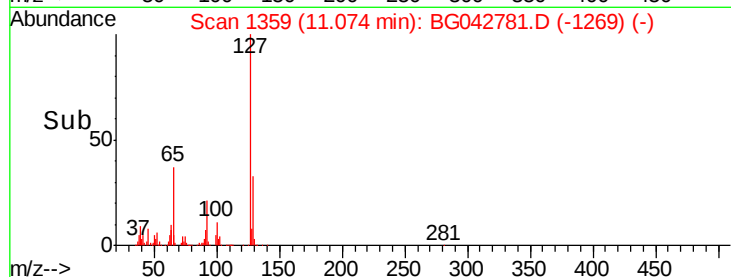
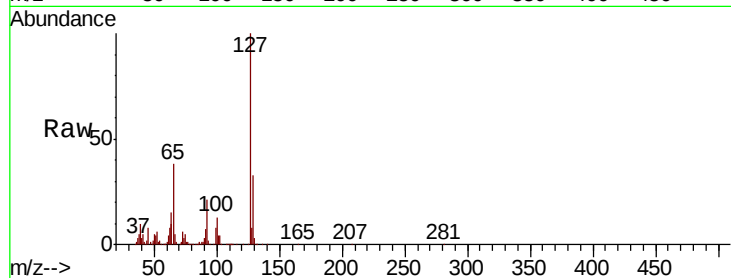




#33  
4-Chloroaniline  
Concen: 39.975 ng  
RT: 11.07 min Scan# 1359  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

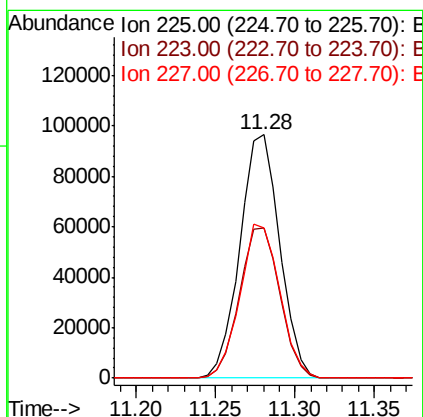
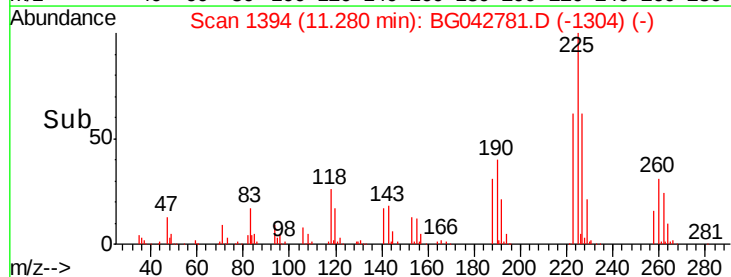
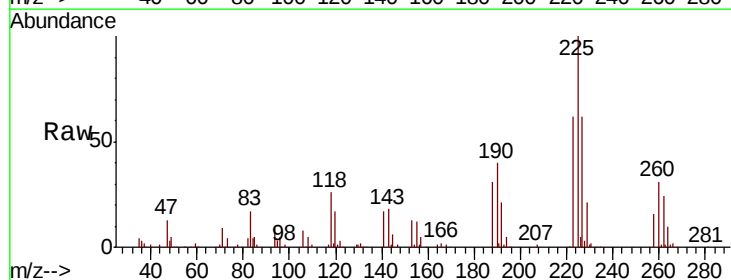
Instrument :  
BNA\_G  
ClientSampleId :

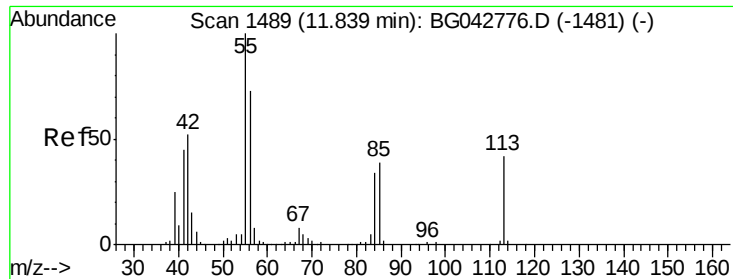
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 280001 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.2  | 25.8  | 38.6   |
| 65       | 37.6  | 30.5  | 45.7   |
| 92       | 20.7  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 39.732 ng  
RT: 11.28 min Scan# 1394  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 168113 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.9  | 52.6  | 79.0   |
| 227      | 61.9  | 53.6  | 80.4   |





#35

Caprolactam

Concen: 41.671 ng

RT: 11.84 min Scan# 1490

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

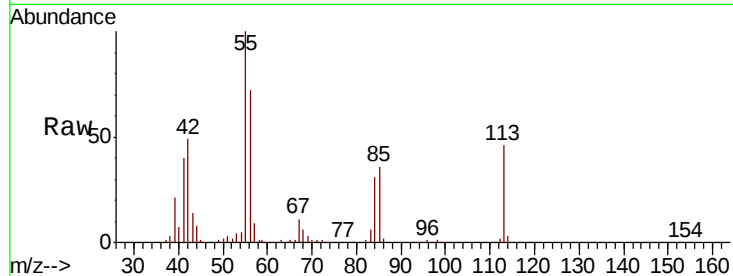
Tot Ion:113 Resp: 76648

Ion Ratio Lower Upper

113 100

55 219.4 218.4 258.4

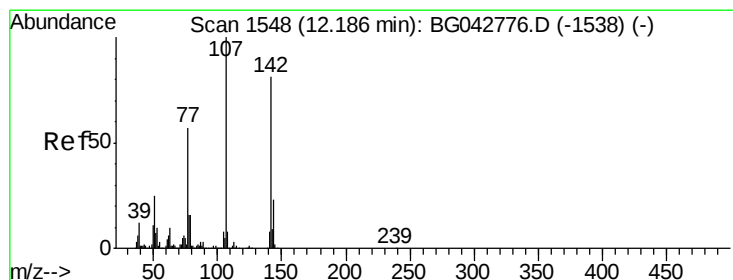
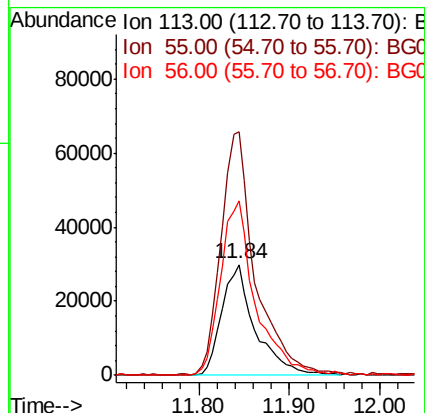
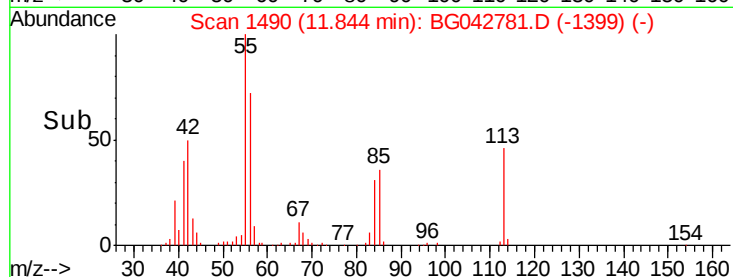
56 157.8 154.8 194.8



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: 41.506 ng

RT: 12.18 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

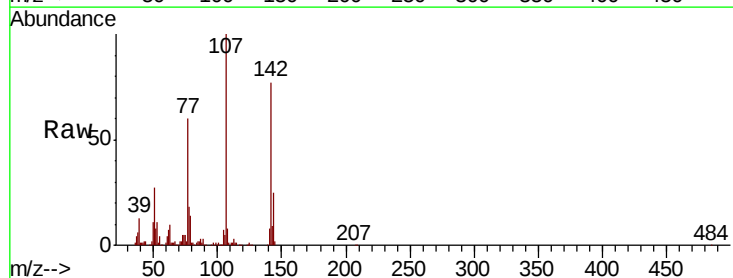
Tgt Ion:107 Resp: 222914

Ion Ratio Lower Upper

107 100

144 25.1 18.7 28.1

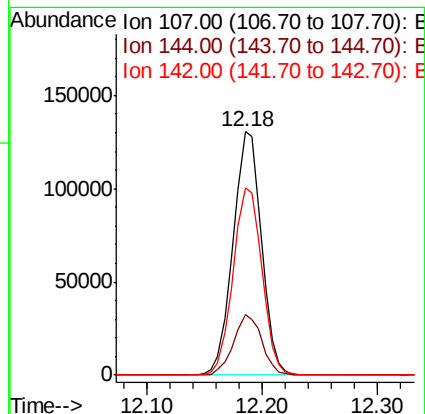
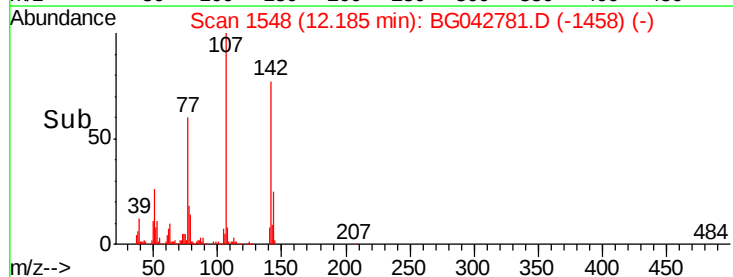
142 76.8 65.0 97.4

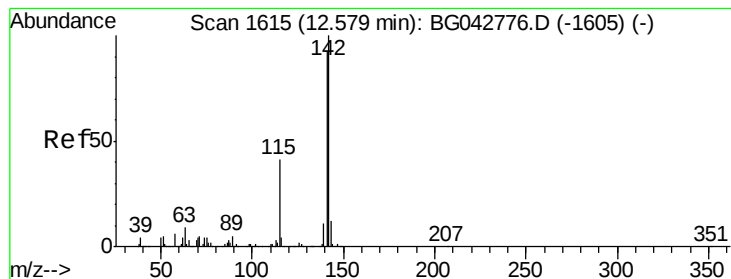


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.592 ng

RT: 12.58 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

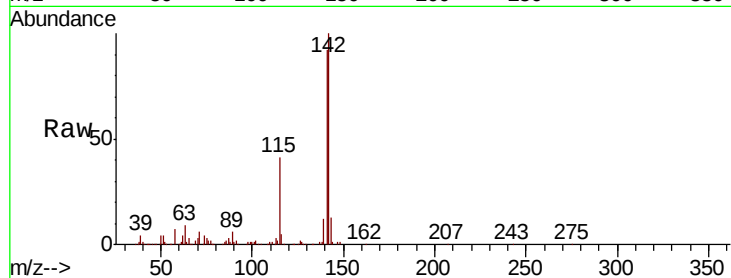
Tot Ion:142 Resp: 444444

Ion Ratio Lower Upper

142 100

141 92.3 73.8 110.8

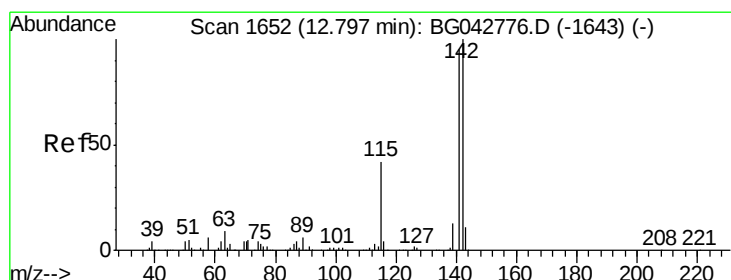
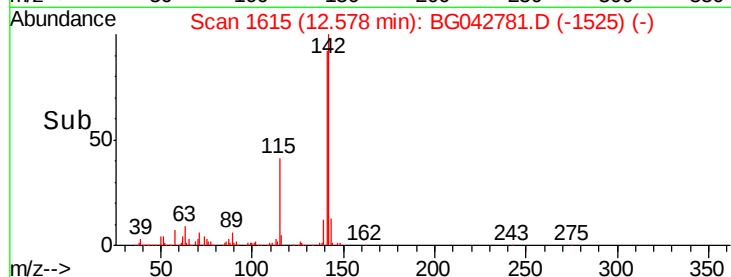
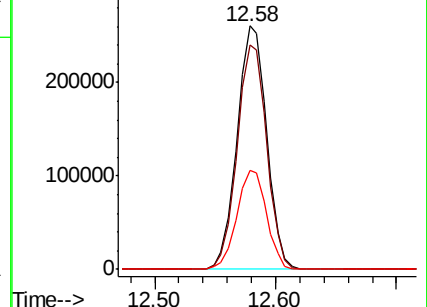
115 40.6 33.0 49.4



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: 40.469 ng

RT: 12.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

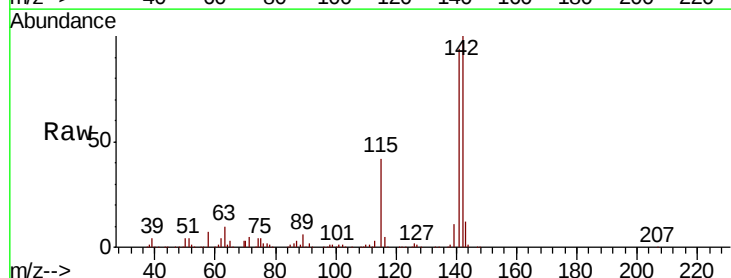
Tgt Ion:142 Resp: 426077

Ion Ratio Lower Upper

142 100

141 94.3 76.3 114.5

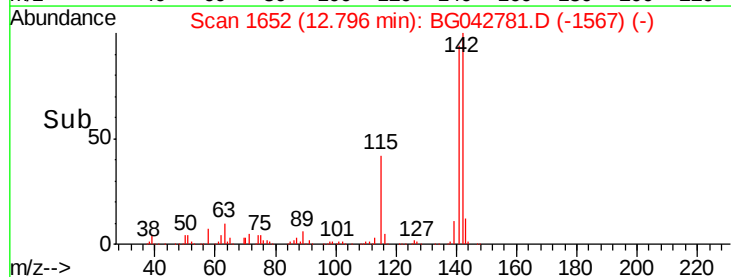
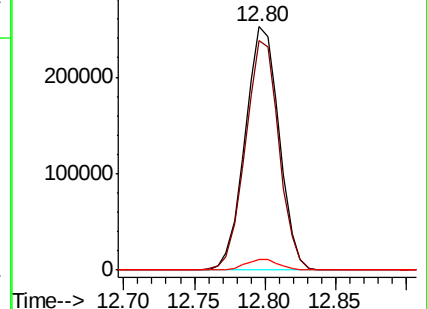
116 4.6 3.4 5.0

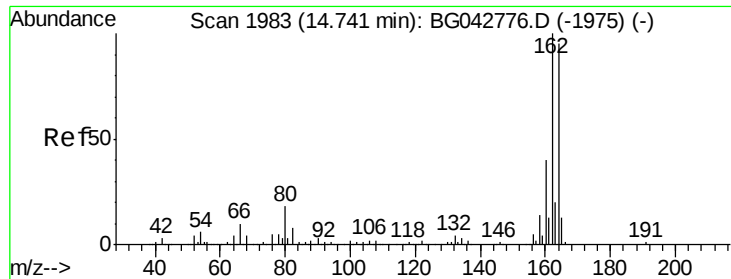


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.75 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

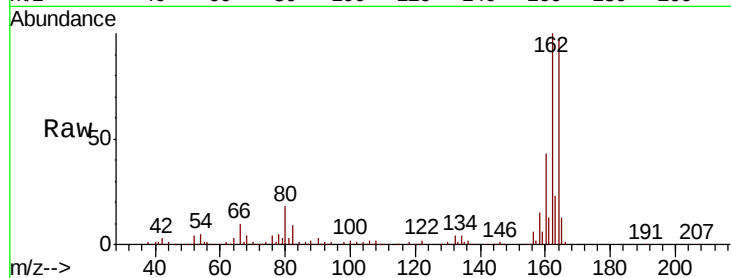
Tot Ion:164 Resp: 212252

Ion Ratio Lower Upper

164 100

162 103.0 84.6 126.8

160 43.8 34.2 51.2

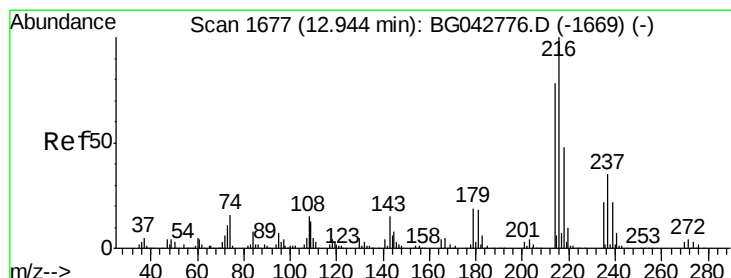
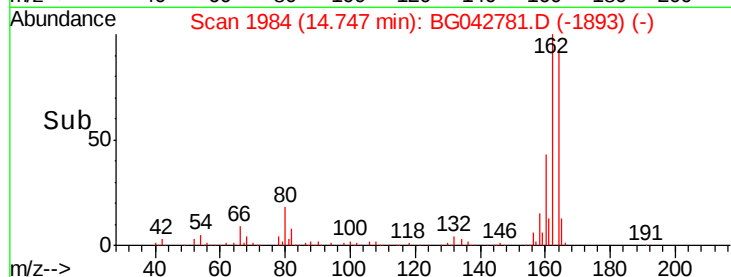
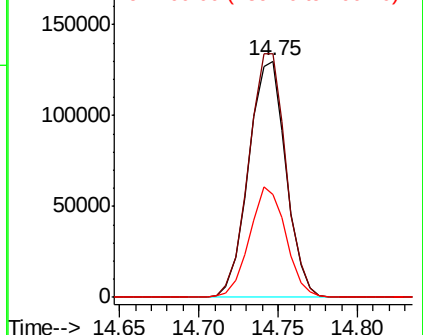


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.713 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Tgt Ion:216 Resp: 278541

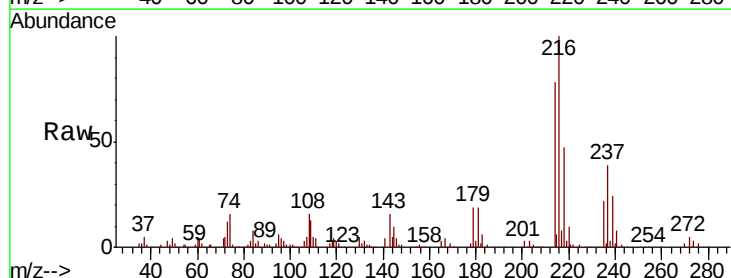
Ion Ratio Lower Upper

216 100

214 78.5 62.8 94.2

179 19.1 15.3 22.9

108 16.2 12.9 19.3



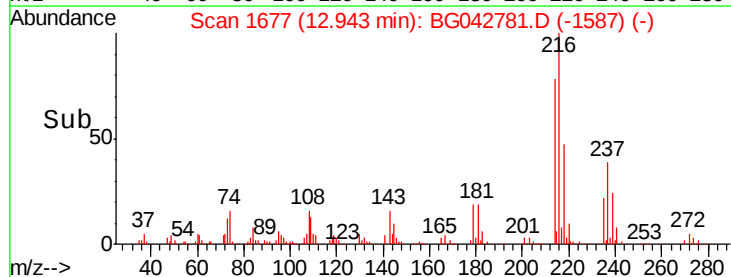
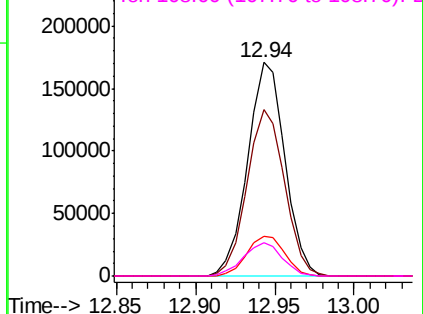
Abundance

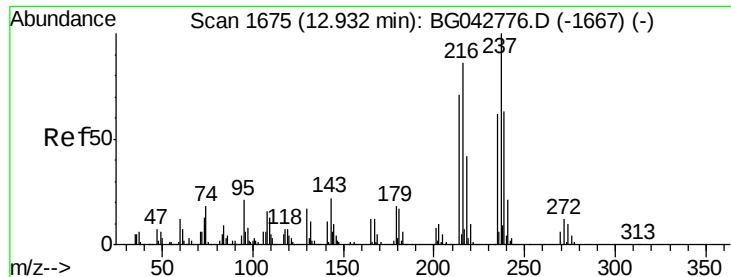
Ion 216.00 (215.70 to 216.70): E

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

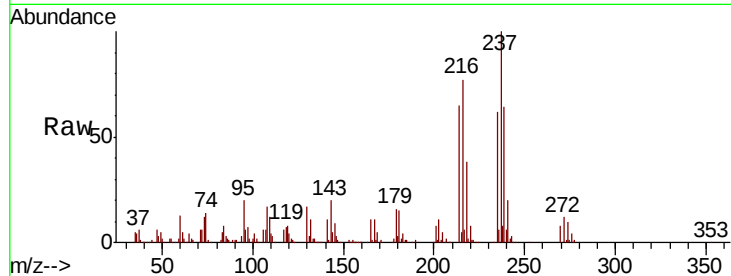




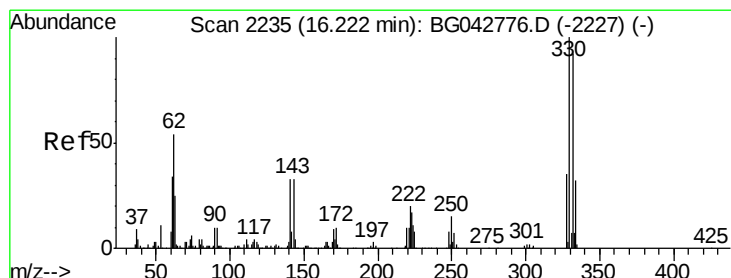
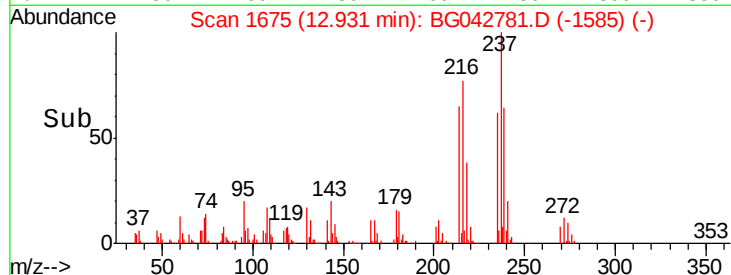
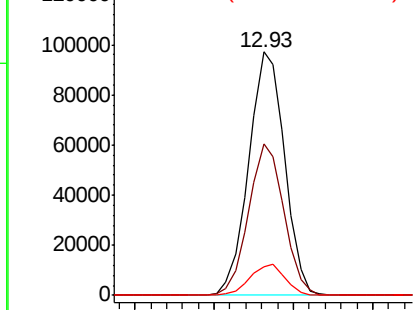
#41  
Hexachlorocyclopentadiene  
Concen: 38.046 ng  
RT: 12.93 min Scan# 1675  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:237 Resp: 152868  
Ion Ratio Lower Upper  
237 100  
235 62.1 41.9 81.9  
272 11.6 0.0 31.6

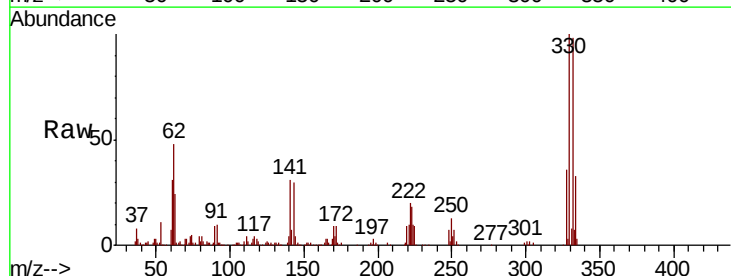


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

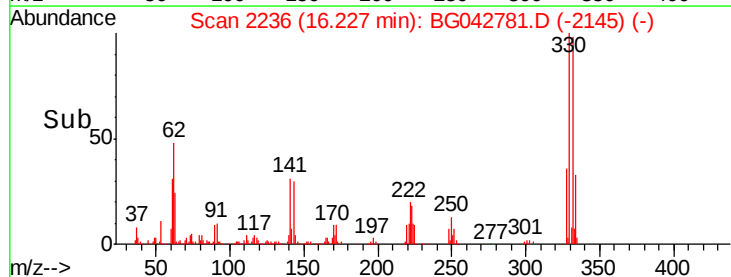
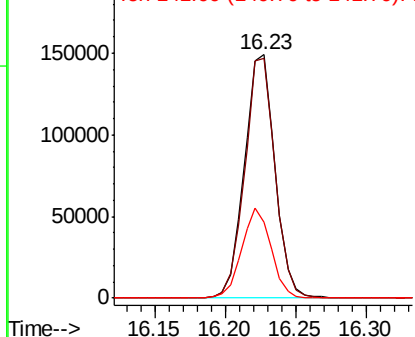


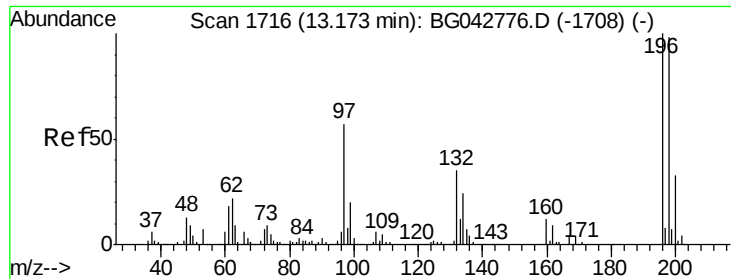
#42  
2,4,6-Tribromophenol  
Concen: 79.919 ng  
RT: 16.23 min Scan# 2236  
Delta R.T. 0.01 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

Tgt Ion:330 Resp: 225679  
Ion Ratio Lower Upper  
330 100  
332 97.7 76.7 115.1  
141 35.5 27.0 40.6



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

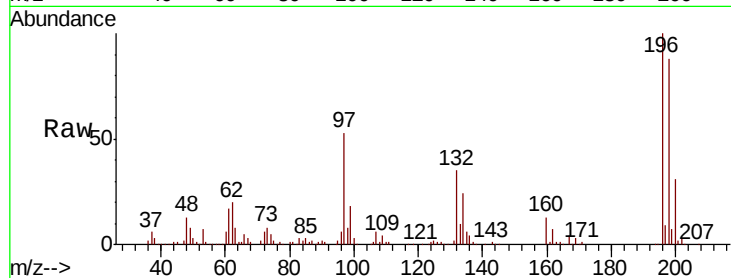




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.706 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.00 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 196   | Resp  | 190072 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 88.0  | 78.8  | 118.2  |
| 200       | 30.8  | 26.2  | 39.4   |

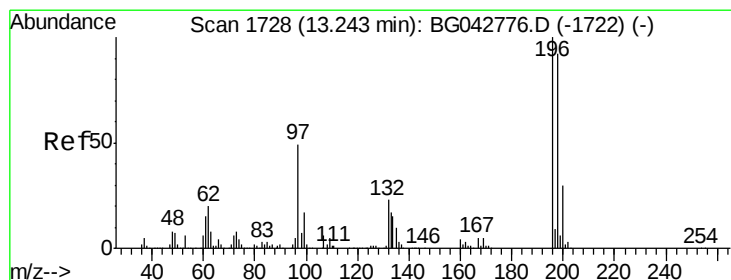
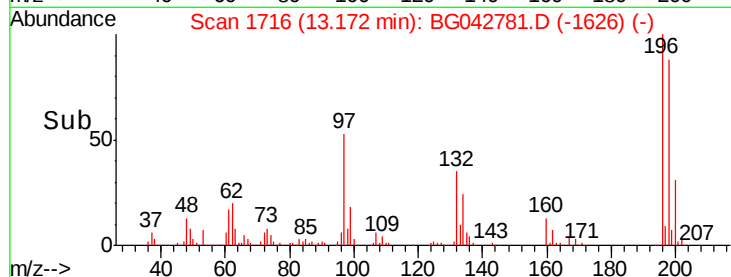
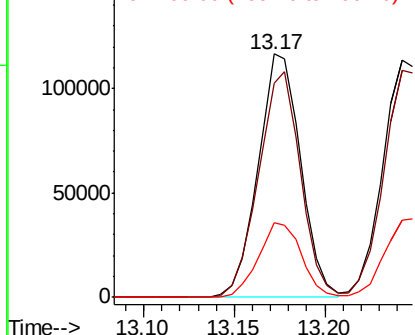


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.192 ng  
 RT: 13.24 min Scan# 1728  
 Delta R.T. -0.00 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

| Tgt Ion   | 196   | Resp  | 192233 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.7  | 73.4  | 110.0  |
| 97        | 48.7  | 39.2  | 58.8   |
| 132       | 23.8  | 18.7  | 28.1   |

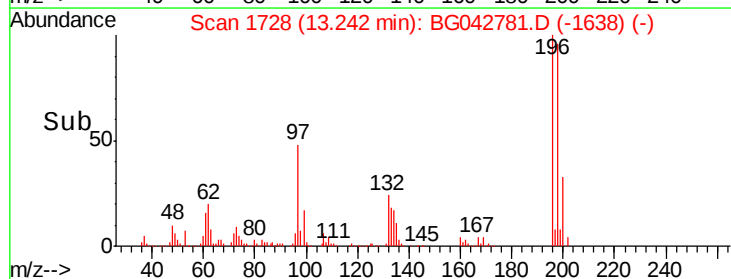
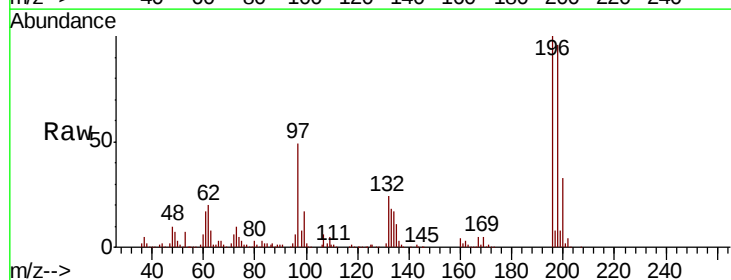
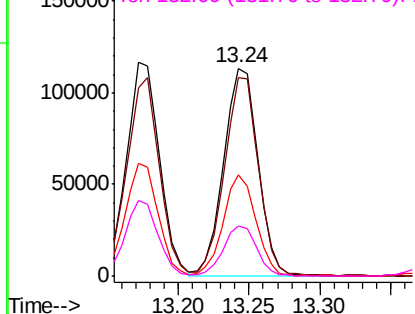
Abundance

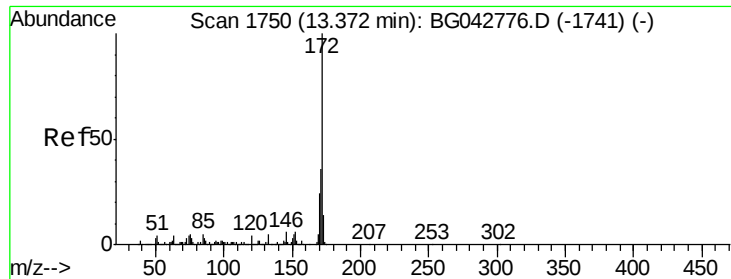
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



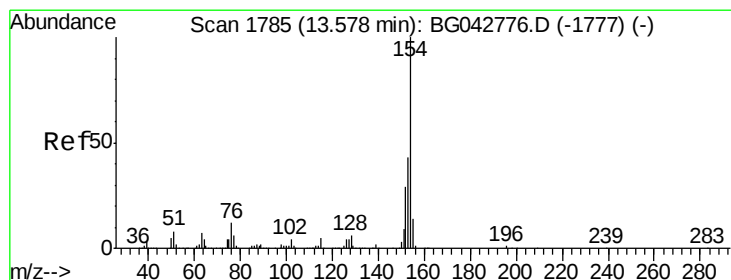
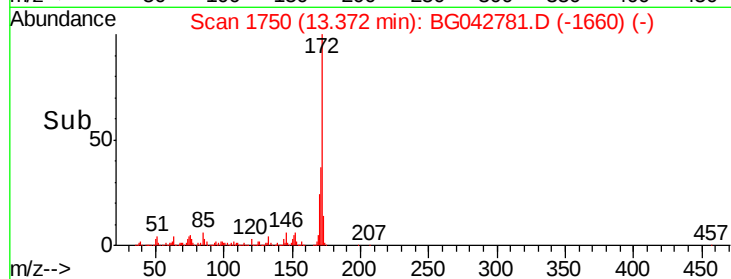
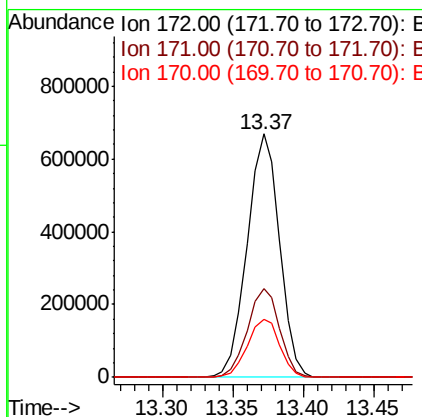
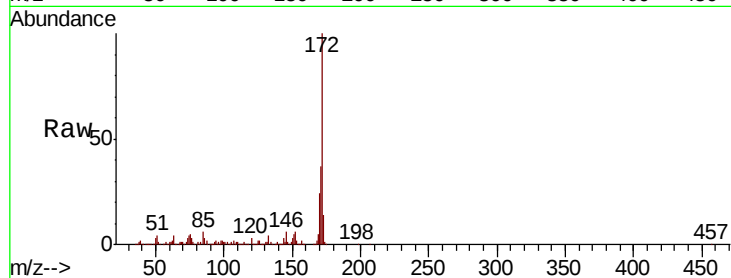


#45  
 2-Fluorobiphenyl  
 Concen: 80.219 ng  
 RT: 13.37 min Scan# 1750  
 Delta R.T. -0.00 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:172 Resp: 1075639  

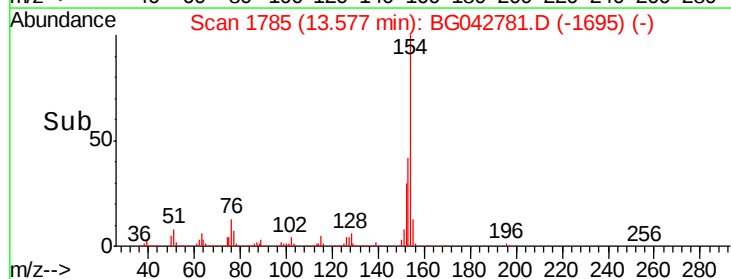
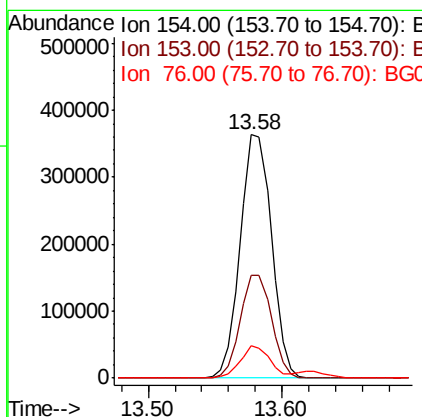
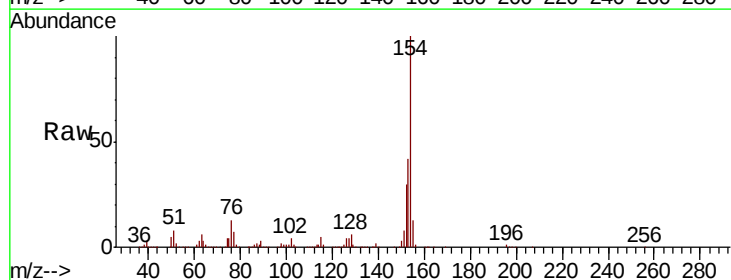
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.6  | 28.9  | 43.3  |
| 170 | 23.9  | 19.1  | 28.7  |

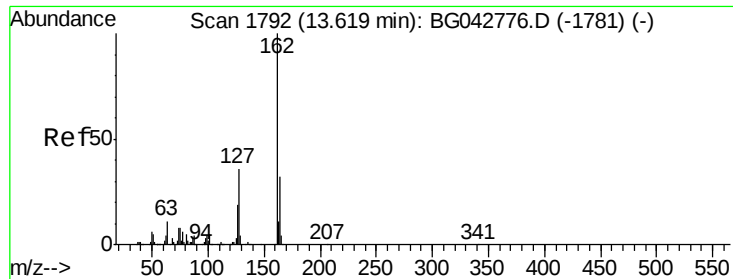


#46  
 1,1'-Biphenyl  
 Concen: 39.662 ng  
 RT: 13.58 min Scan# 1785  
 Delta R.T. -0.00 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

Tgt Ion:154 Resp: 589336  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.1  | 22.6  | 62.6  |
| 76  | 13.2  | 0.0   | 32.2  |

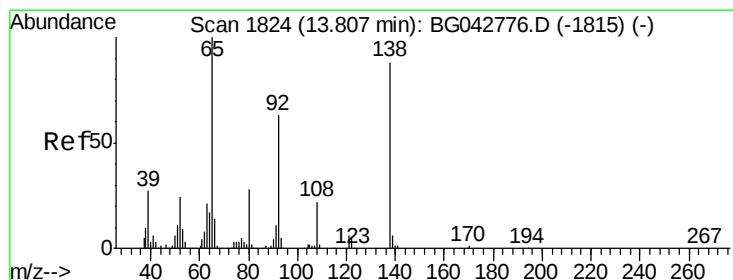
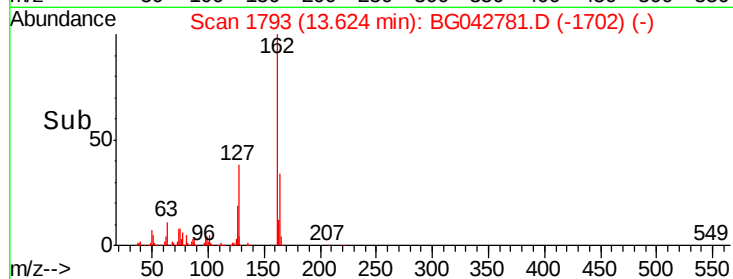
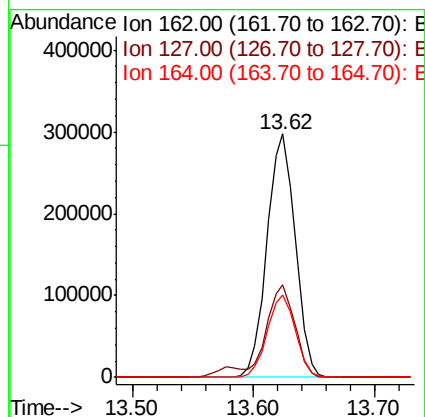
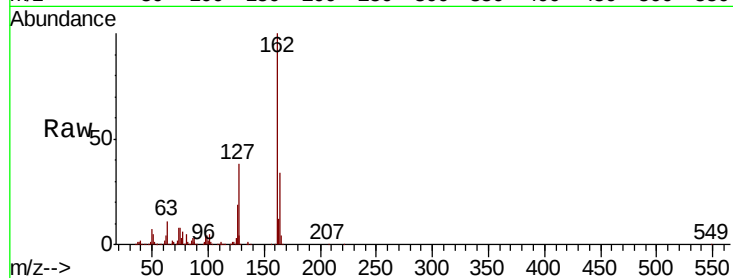




#47  
 2-Chloronaphthalene  
 Concen: 38.958 ng  
 RT: 13.62 min Scan# 1793  
 Delta R.T. 0.01 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

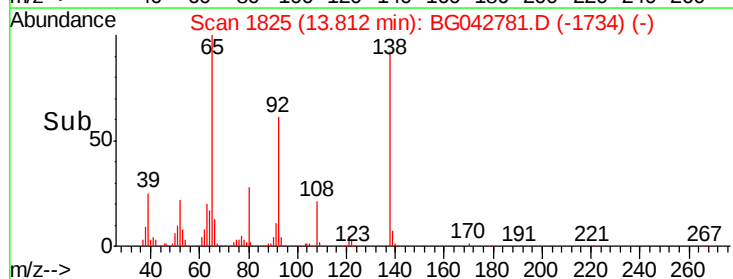
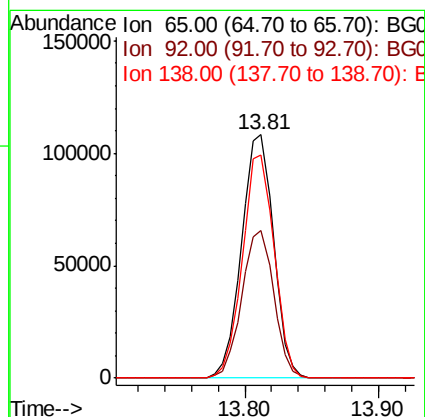
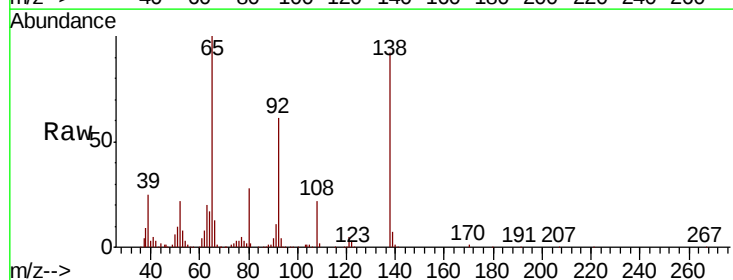
Instrument :  
 BNA\_G  
 ClientSampleId :

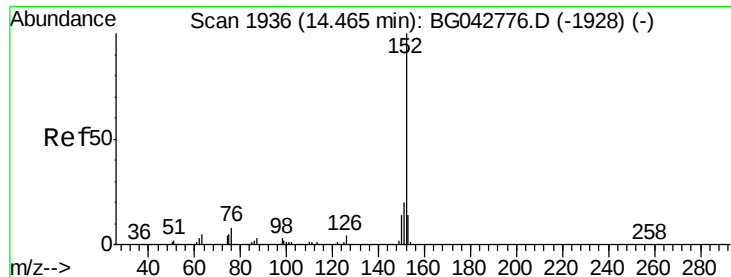
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.2  | 29.3  | 43.9  |
| 164     | 33.6  | 26.0  | 39.0  |



#48  
 2-Nitroaniline  
 Concen: 42.039 ng  
 RT: 13.81 min Scan# 1825  
 Delta R.T. 0.01 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 60.7  | 50.4  | 75.6  |
| 138     | 91.6  | 70.6  | 106.0 |





#49

Acenaphthylene

Concen: 40.031 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

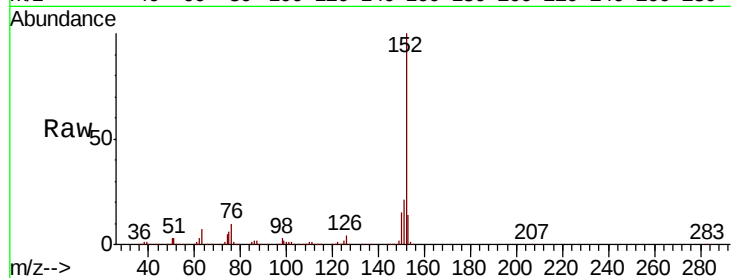
Tot Ion:152 Resp: 751930

Ion Ratio Lower Upper

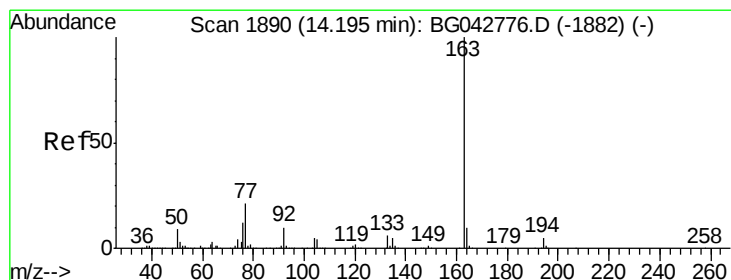
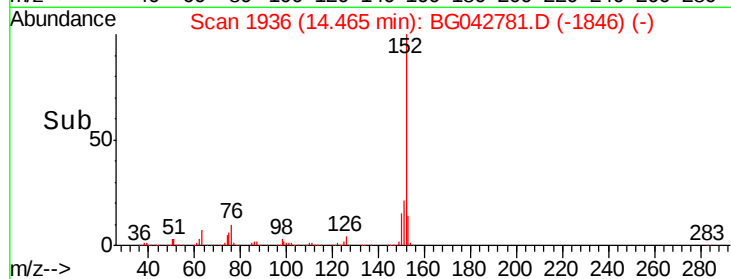
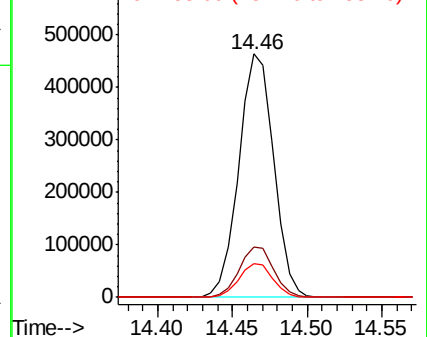
152 100

151 20.9 16.0 24.0

153 14.0 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.416 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

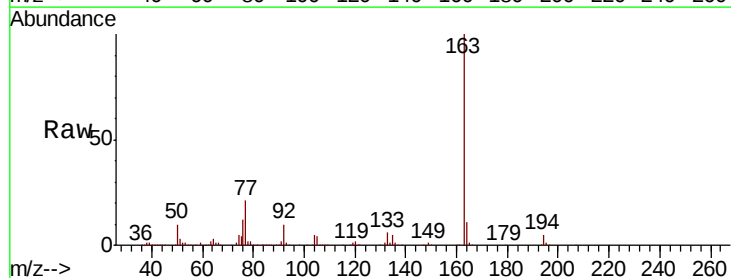
Tgt Ion:163 Resp: 642634

Ion Ratio Lower Upper

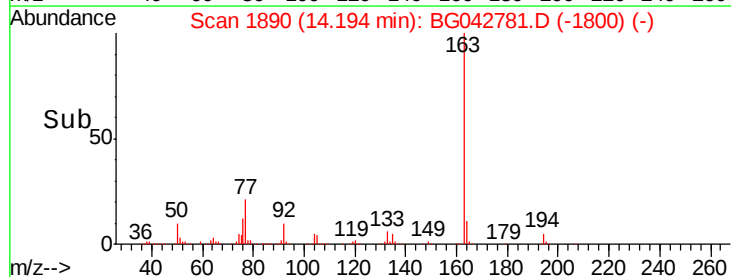
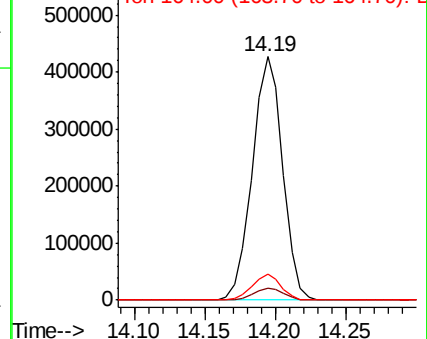
163 100

194 4.6 4.2 6.4

164 10.8 8.4 12.6



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

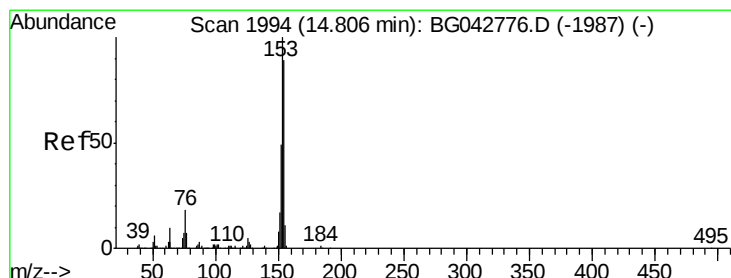
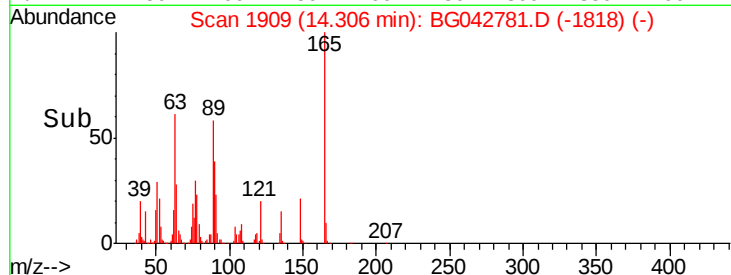
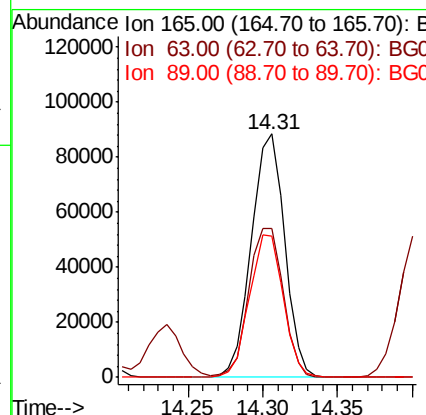
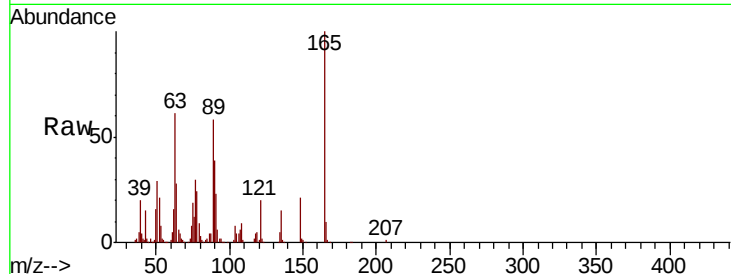




#51  
 2,6-Dinitrotoluene  
 Concen: 41.687 ng  
 RT: 14.31 min Scan# 1909  
 Delta R.T. 0.01 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

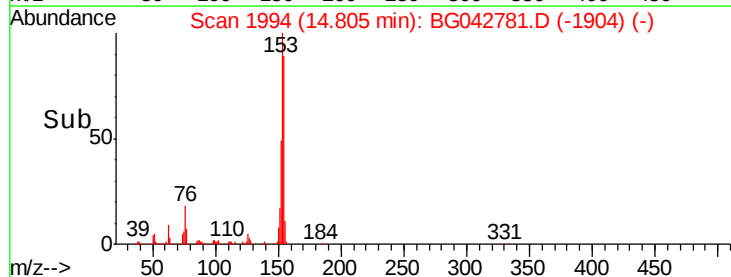
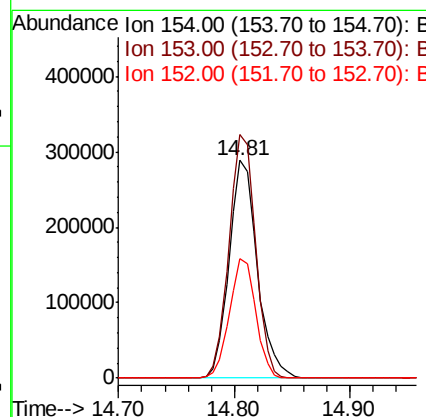
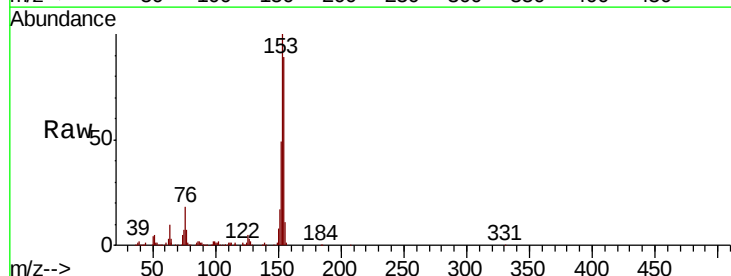
Instrument :  
 BNA\_G  
 ClientSampleId :

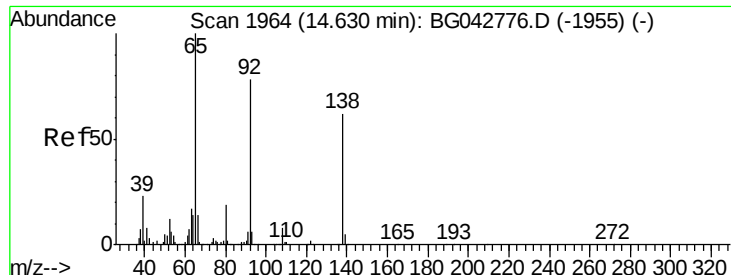
Tot Ion:165 Resp: 136009  
 Ion Ratio Lower Upper  
 165 100  
 63 61.0 52.1 78.1  
 89 58.1 51.7 77.5



#52  
 Acenaphthene  
 Concen: 39.922 ng  
 RT: 14.81 min Scan# 1994  
 Delta R.T. -0.00 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

Tgt Ion:154 Resp: 489903  
 Ion Ratio Lower Upper  
 154 100  
 153 111.8 89.4 134.2  
 152 55.0 43.5 65.3

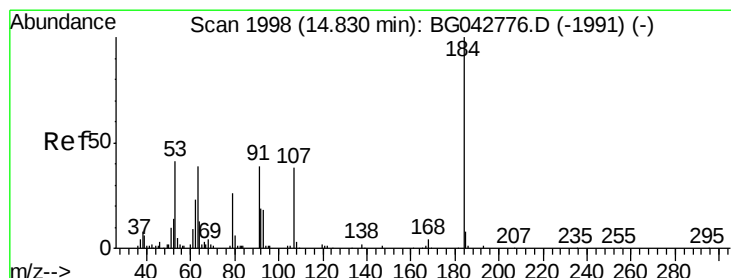
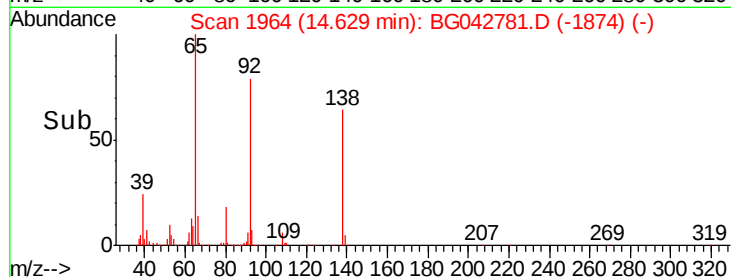
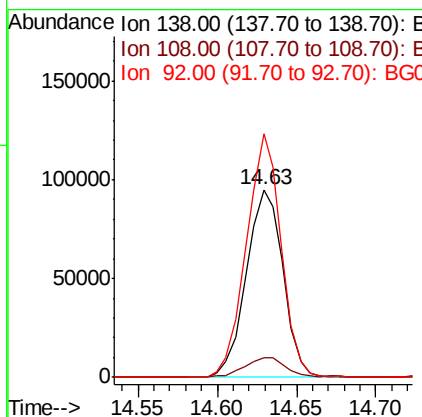
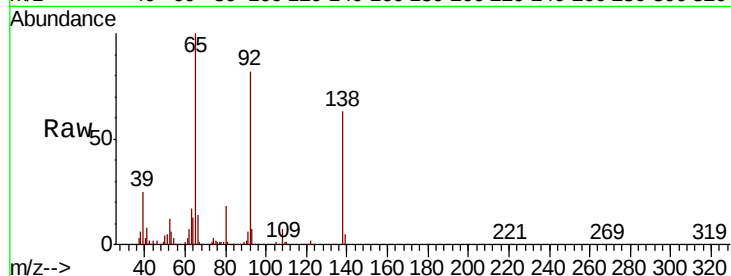




#53  
3-Nitroaniline  
Concen: 41.711 ng  
RT: 14.63 min Scan# 1964  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

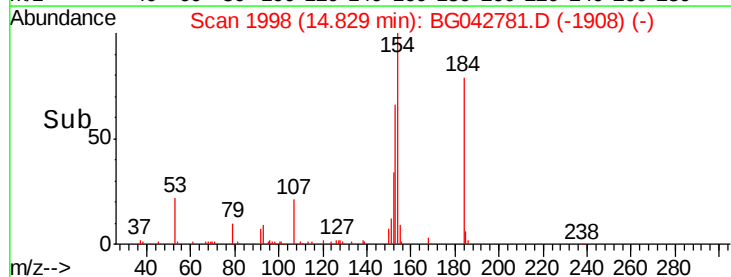
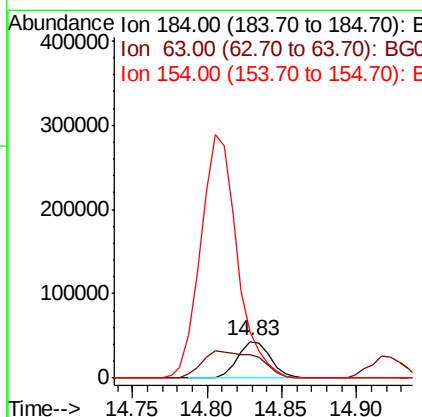
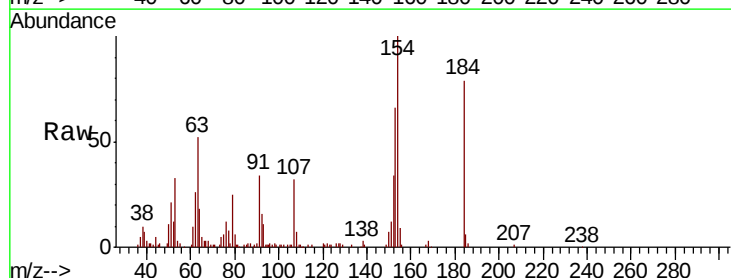
Instrument :  
BNA\_G  
ClientSampleId :

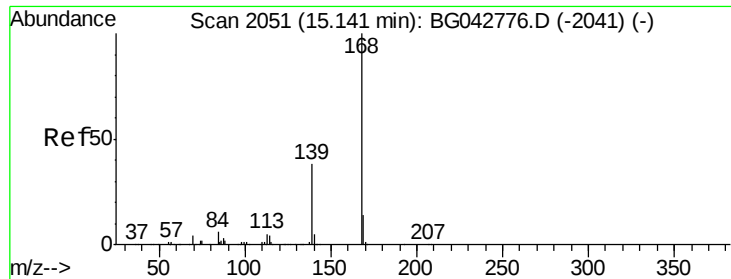
Tot Ion:138 Resp: 152733  
Ion Ratio Lower Upper  
138 100  
108 10.7 10.7 16.1  
92 129.6 100.5 150.7



#54  
2,4-Dinitrophenol  
Concen: 41.810 ng  
RT: 14.83 min Scan# 1998  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

Tgt Ion:184 Resp: 67152  
Ion Ratio Lower Upper  
184 100  
63 65.9 46.2 69.4  
154 125.9 81.3 121.9#

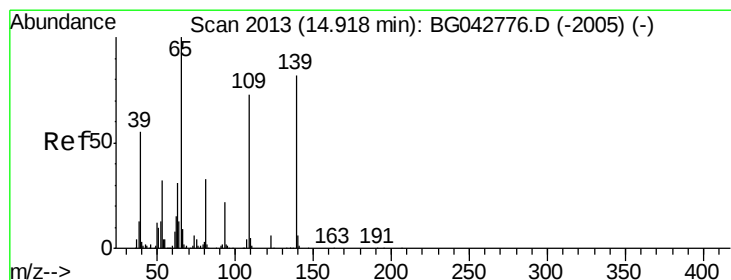
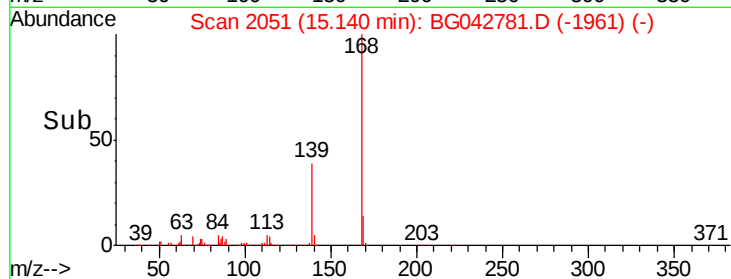
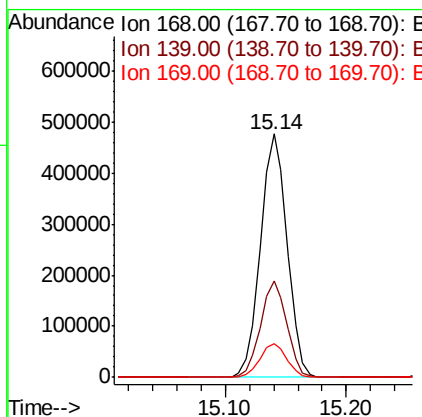
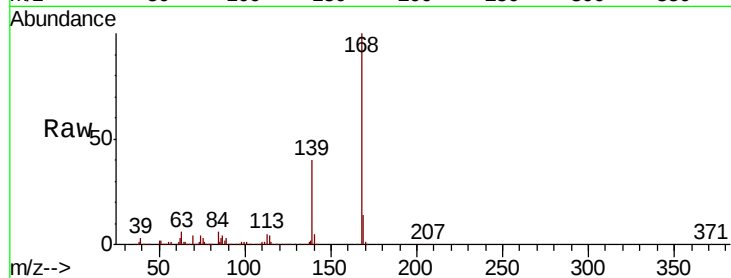




#55  
Dibenzenofuran  
Concen: 39.712 ng  
RT: 15.14 min Scan# 2051  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

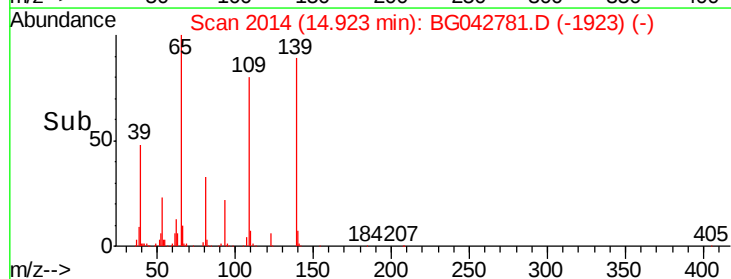
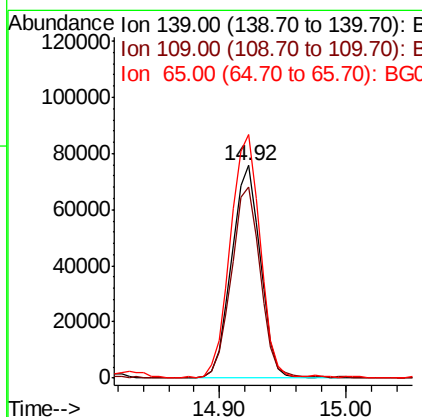
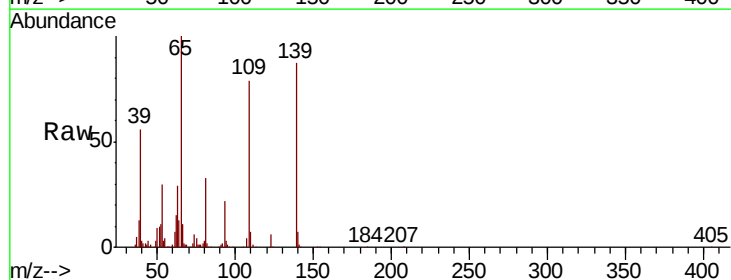
Instrument :  
BNA\_G  
ClientSampleId :

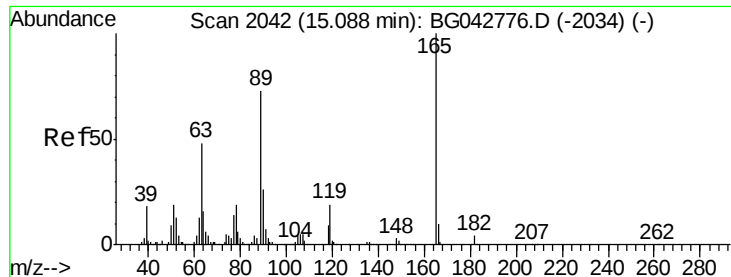
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.8  | 30.2  | 45.4  |
| 169     | 13.8  | 11.2  | 16.8  |



#56  
4-Nitrophenol  
Concen: 41.888 ng  
RT: 14.92 min Scan# 2014  
Delta R.T. 0.01 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 90.0  | 69.4  | 109.4 |
| 65      | 114.5 | 102.5 | 142.5 |

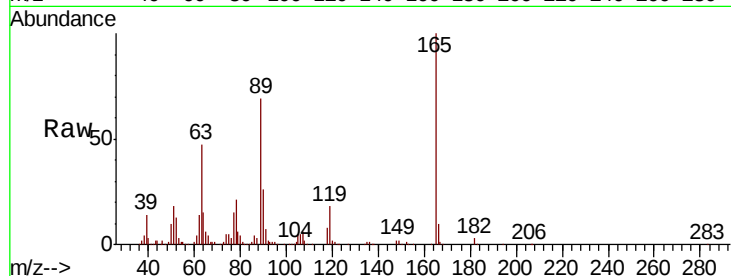




#57  
 2,4-Dinitrotoluene  
 Concen: 42.748 ng  
 RT: 15.09 min Scan# 2042  
 Delta R.T. -0.00 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 46.7  | 38.3  | 57.5  |
| 89      | 69.3  | 58.4  | 87.6  |
| 182     | 2.8   | 2.9   | 4.3   |



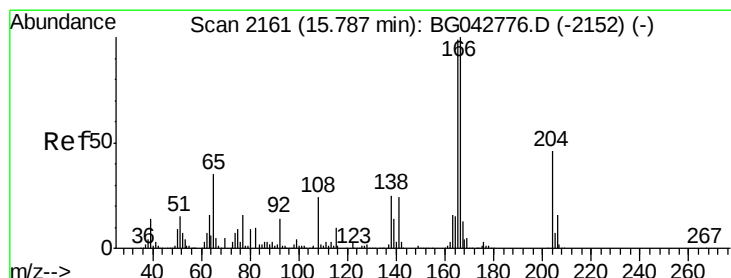
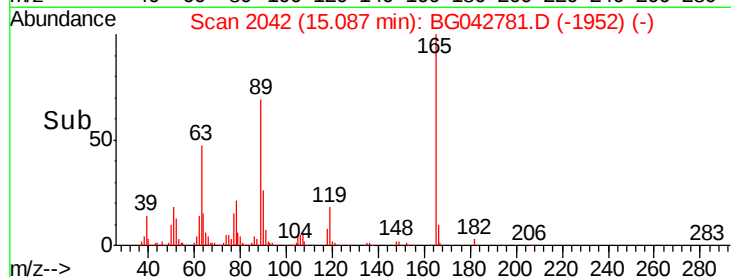
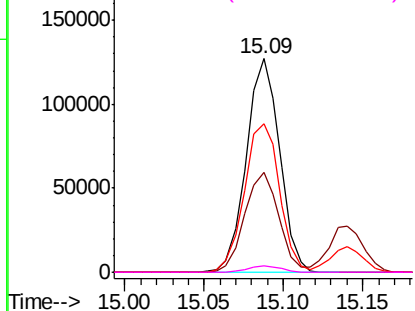
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

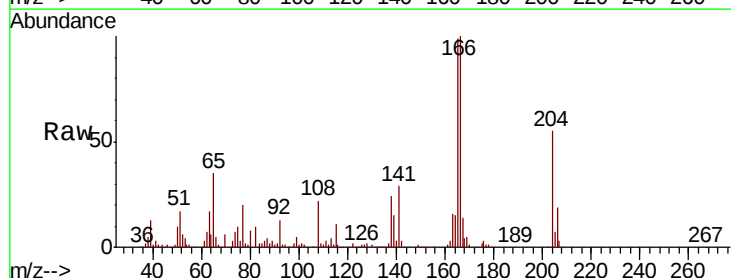
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58  
 Fluorene  
 Concen: 39.795 ng  
 RT: 15.79 min Scan# 2161  
 Delta R.T. -0.00 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.9  | 79.1  | 118.7 |
| 167     | 13.8  | 10.7  | 16.1  |

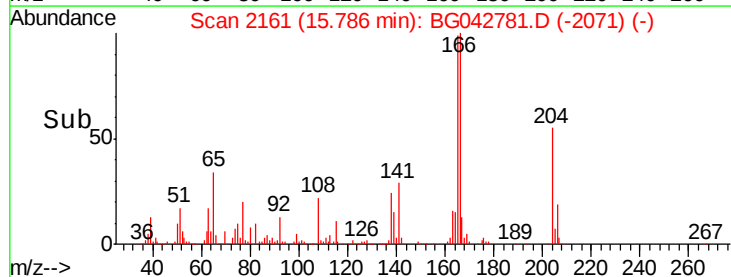
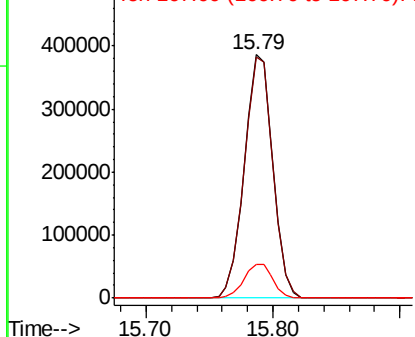


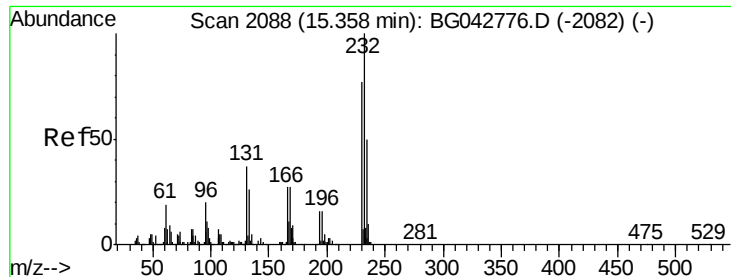
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.423 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:232 Resp: 187419

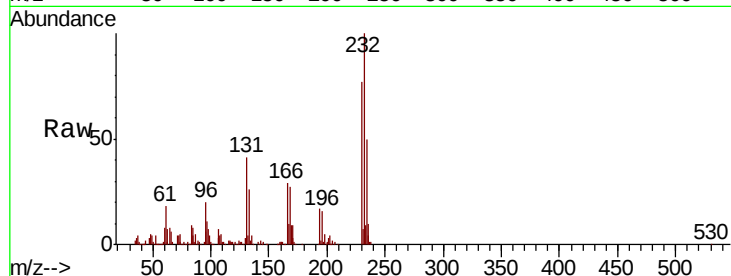
Ion Ratio Lower Upper

232 100

131 39.9 31.1 46.7

130 2.4 1.8 2.6

166 27.8 21.7 32.5

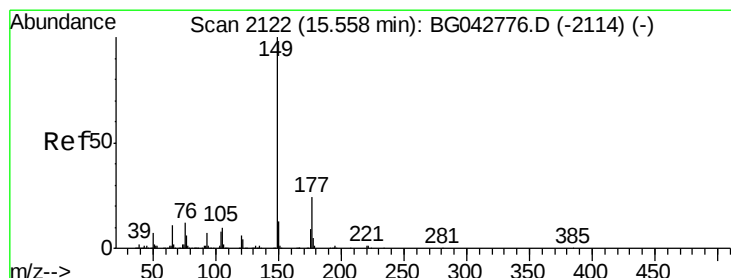
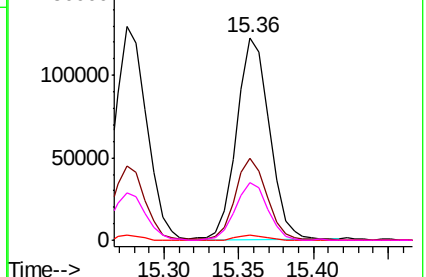
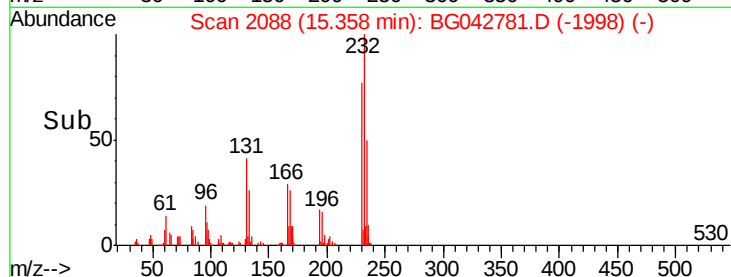


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.414 ng

RT: 15.56 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

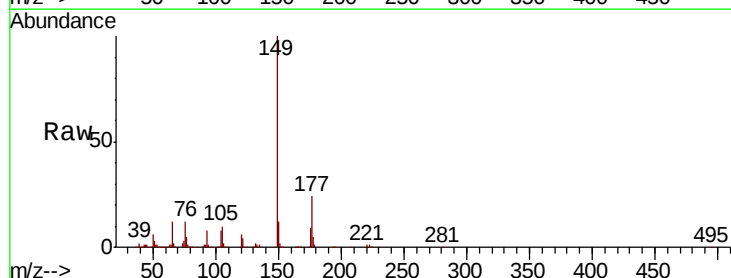
Tgt Ion:149 Resp: 652285

Ion Ratio Lower Upper

149 100

177 24.5 19.4 29.0

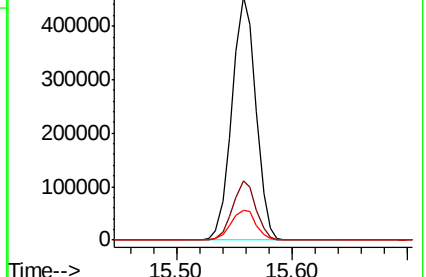
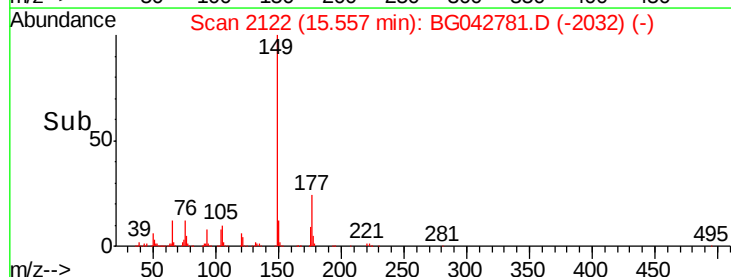
150 12.4 10.2 15.4

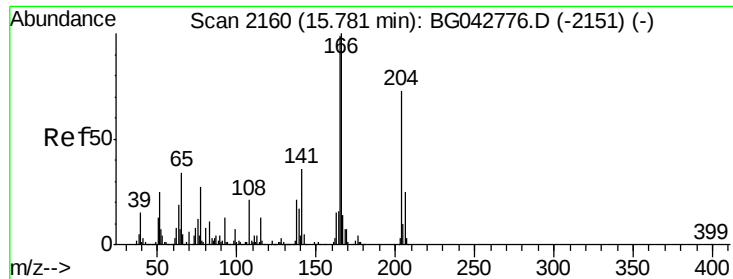


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

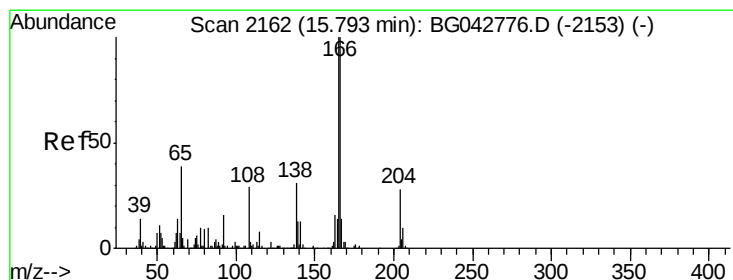
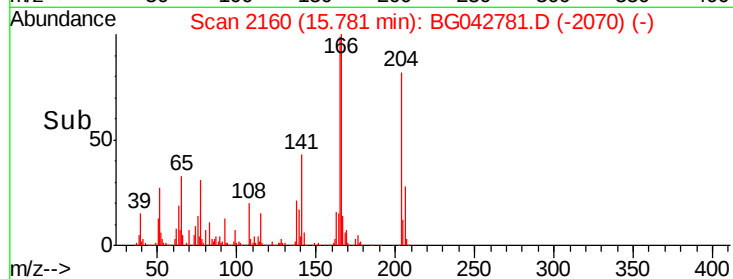
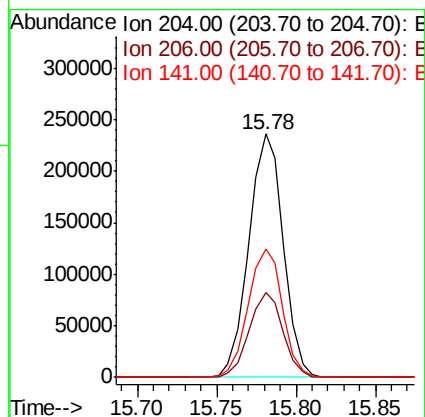
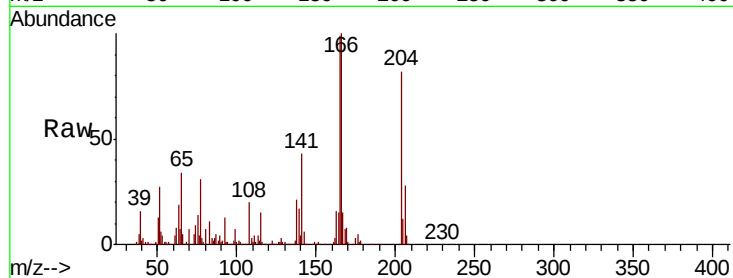




#61  
4-Chlorophenyl-phenylether  
Concen: 39.639 ng  
RT: 15.78 min Scan# 2160  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

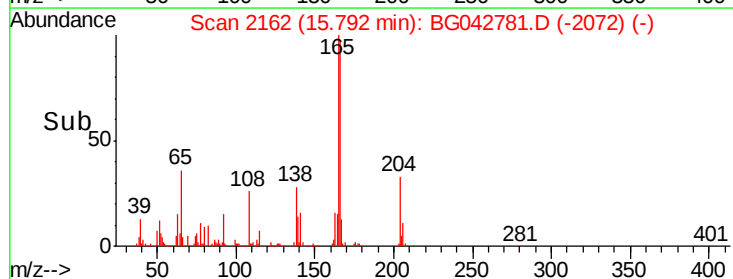
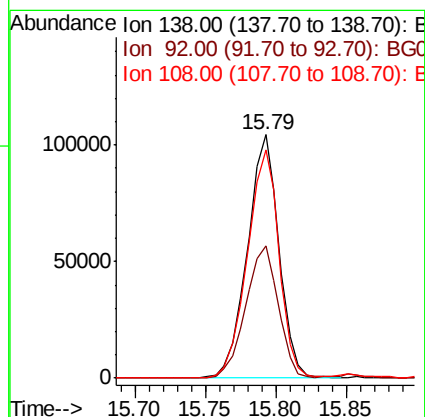
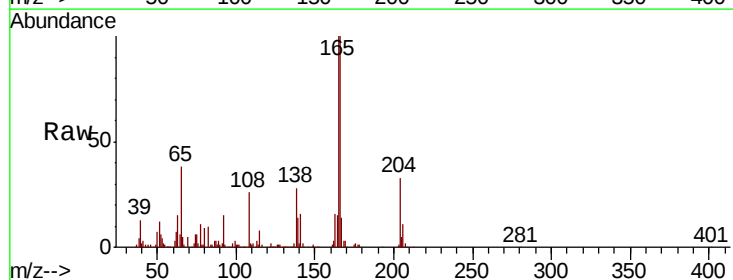
Instrument :  
BNA\_G  
ClientSampleId :

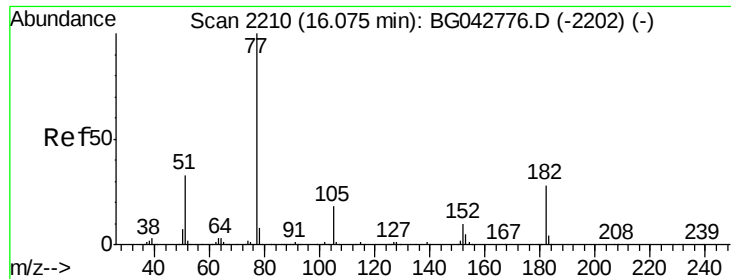
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.8  | 27.6  | 41.4  |
| 141     | 53.0  | 39.8  | 59.6  |



#62  
4-Nitroaniline  
Concen: 41.525 ng  
RT: 15.79 min Scan# 2162  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.4  | 31.4  | 71.4  |
| 108     | 93.9  | 74.8  | 114.8 |

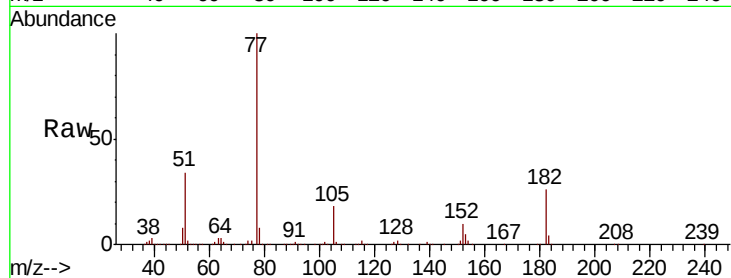




#63  
Azobenzene  
Concen: 39.831 ng  
RT: 16.07 min Scan# 2210  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.2  | 8.1   | 48.1  |
| 105     | 17.9  | 0.0   | 38.1  |
| 51      | 34.1  | 12.9  | 52.9  |



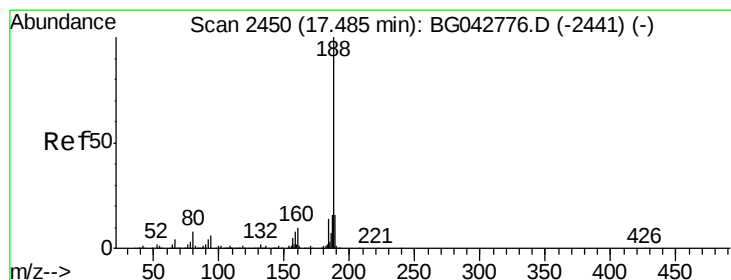
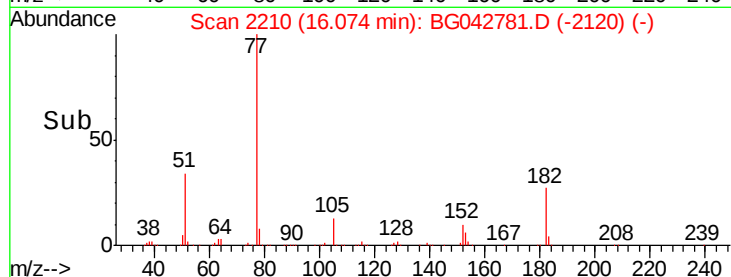
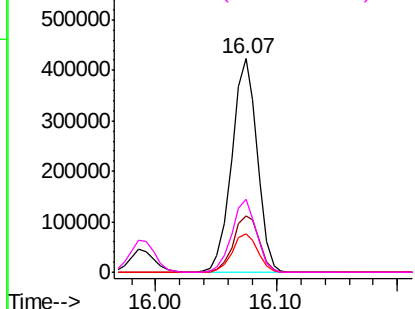
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

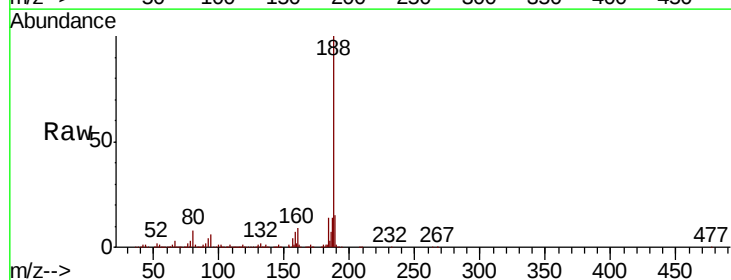
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2450  
Delta R.T. -0.00 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.4   | 4.8   | 7.2   |
| 80      | 8.1   | 6.6   | 9.8   |

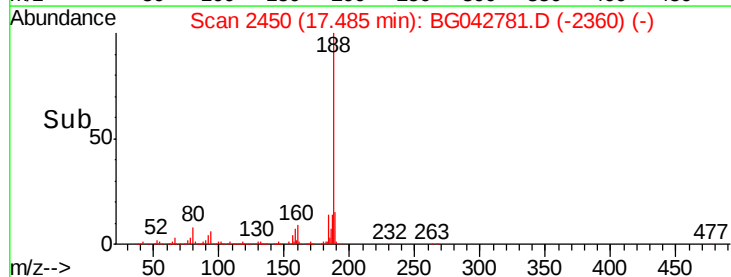
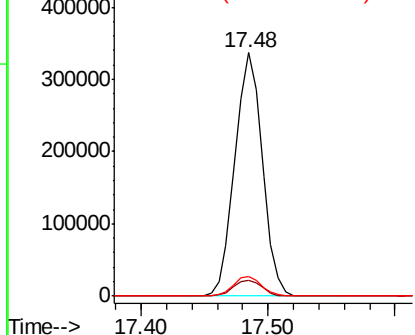


Abundance

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: 41.300 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampled :

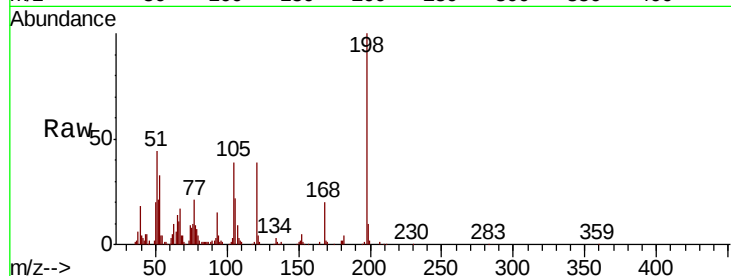
Tot Ion:198 Resp: 89183

Ion Ratio Lower Upper

198 100

51 43.6 20.9 60.9

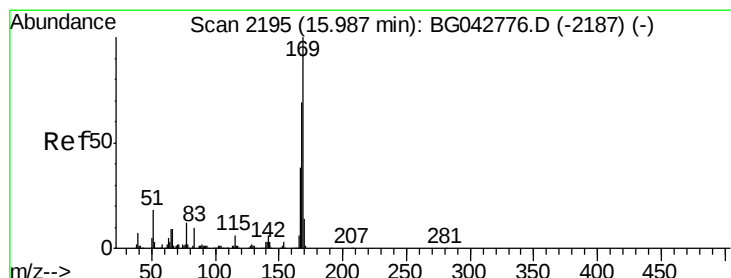
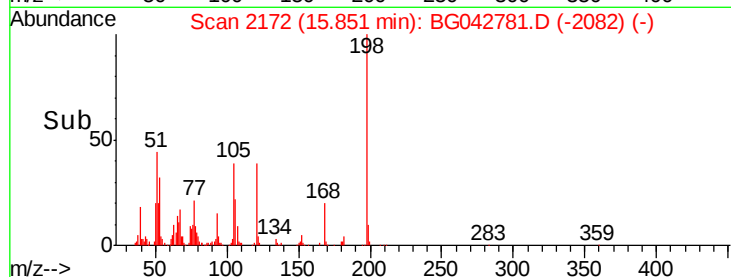
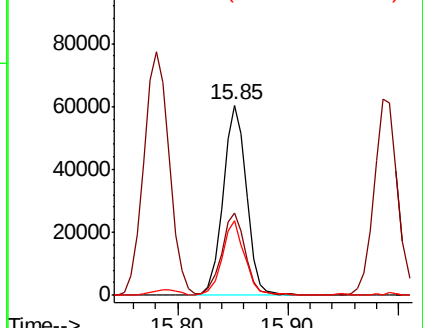
105 39.2 16.4 56.4



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: 39.950 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

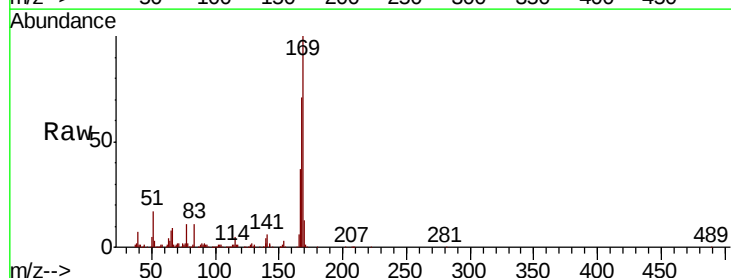
Tgt Ion:169 Resp: 542527

Ion Ratio Lower Upper

169 100

168 71.1 55.4 83.2

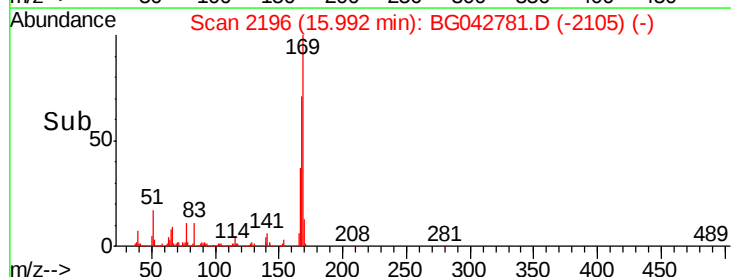
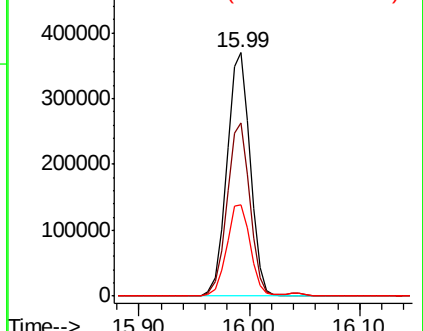
167 37.4 30.4 45.6

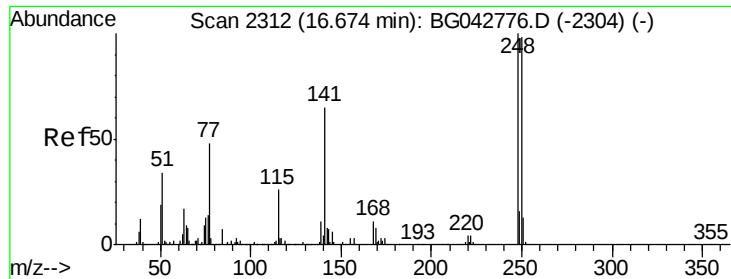


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

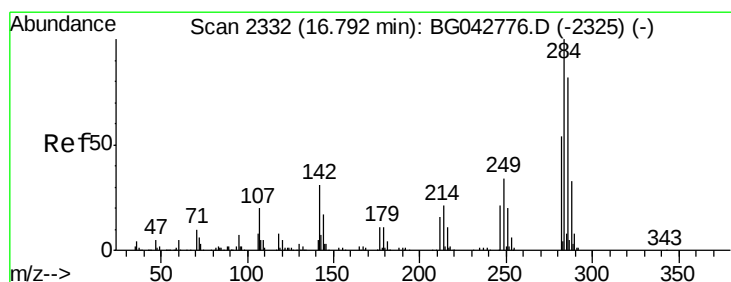
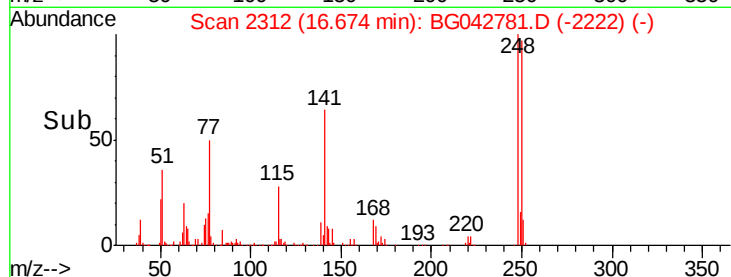
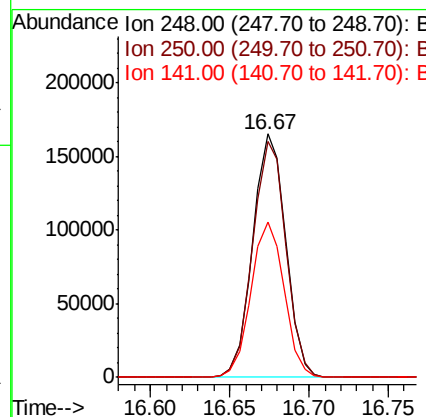
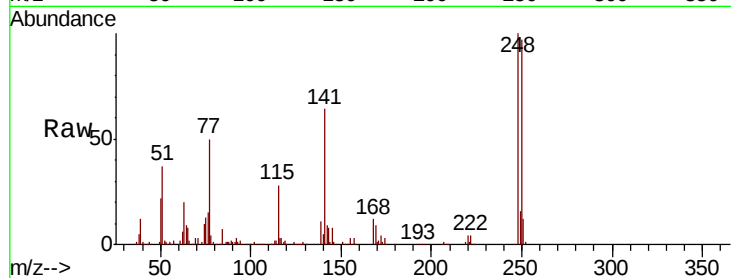




#67  
 4-Bromophenyl-phenylether  
 Concen: 39.081 ng  
 RT: 16.67 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

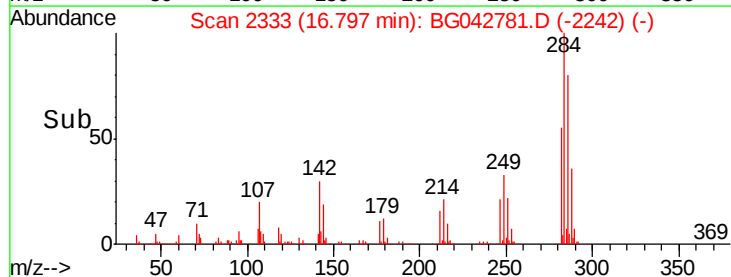
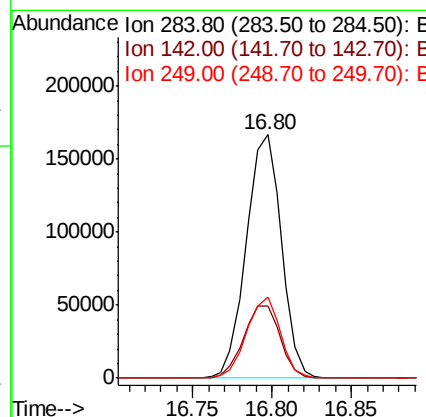
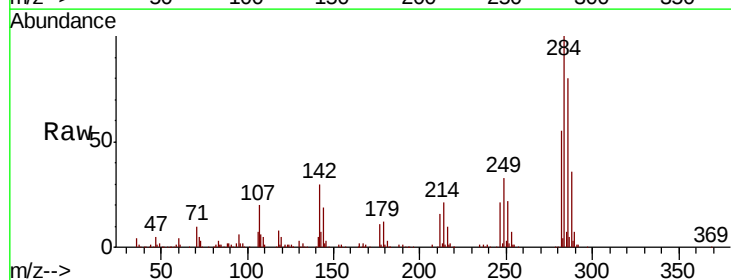
Instrument :  
 BNA\_G  
 ClientSampleId :

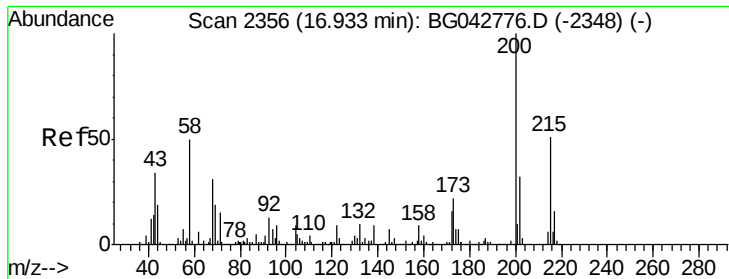
Tot Ion:248 Resp: 238721  
 Ion Ratio Lower Upper  
 248 100  
 250 96.9 78.0 117.0  
 141 63.9 51.8 77.6



#68  
 Hexachlorobenzene  
 Concen: 39.288 ng  
 RT: 16.80 min Scan# 2333  
 Delta R.T. 0.01 min  
 Lab File: BG042781.D  
 Acq: 12 Sep 2019 14:22

Tgt Ion:284 Resp: 256432  
 Ion Ratio Lower Upper  
 284 100  
 142 29.7 24.7 37.1  
 249 33.3 27.0 40.4





#69

Atrazine

Concen: 35.922 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

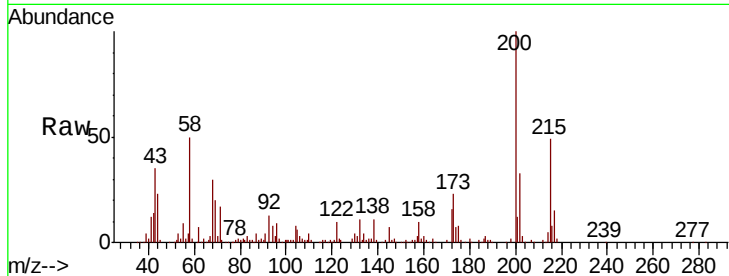
Tot Ion:200 Resp: 169878

Ion Ratio Lower Upper

200 100

173 22.5 2.5 42.5

215 49.4 31.0 71.0

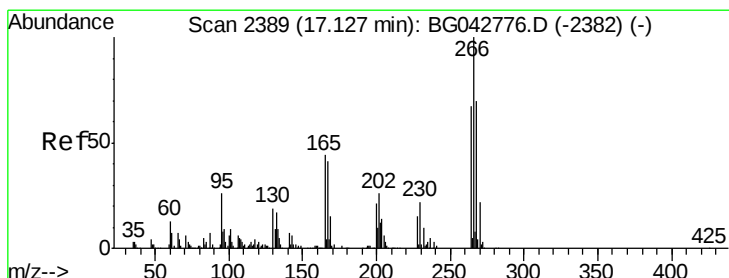
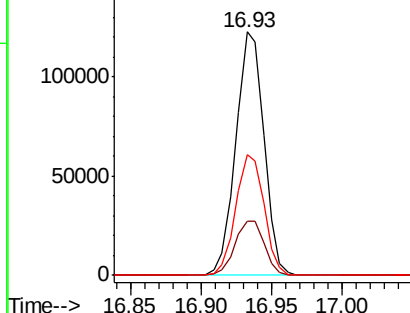
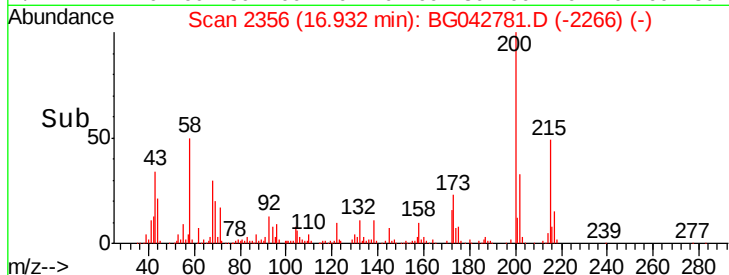


Abundance

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: 41.405 ng

RT: 17.13 min Scan# 2390

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

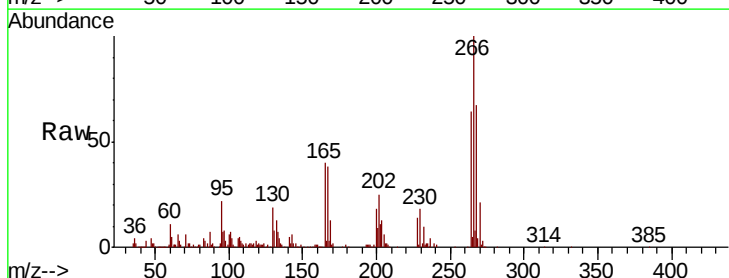
Tgt Ion:266 Resp: 160320

Ion Ratio Lower Upper

266 100

268 67.3 56.2 84.4

264 63.8 53.4 80.2

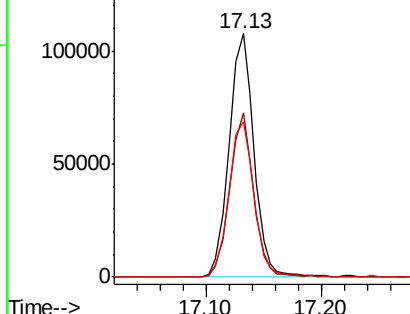
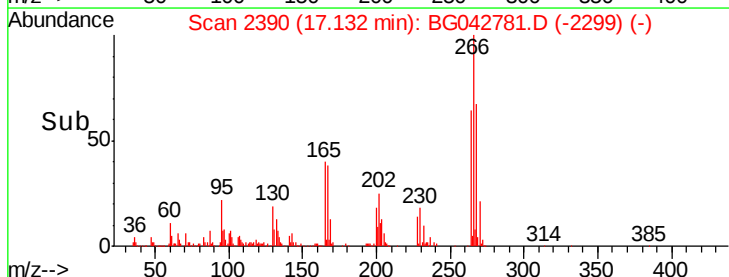


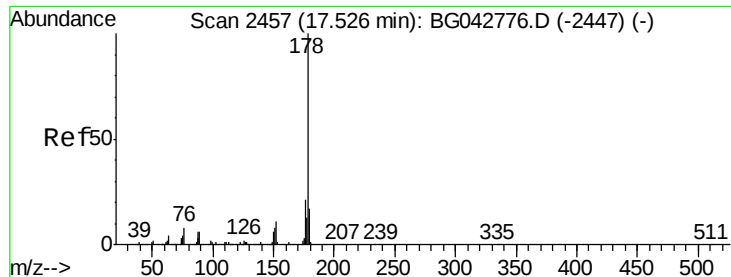
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

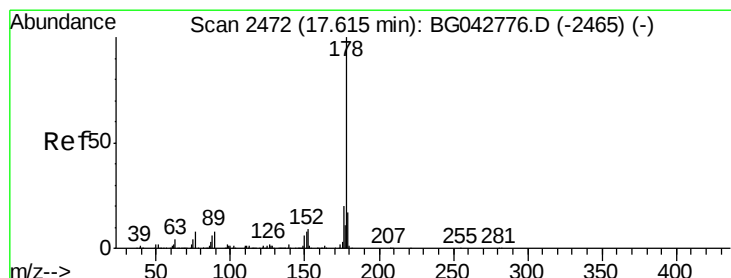
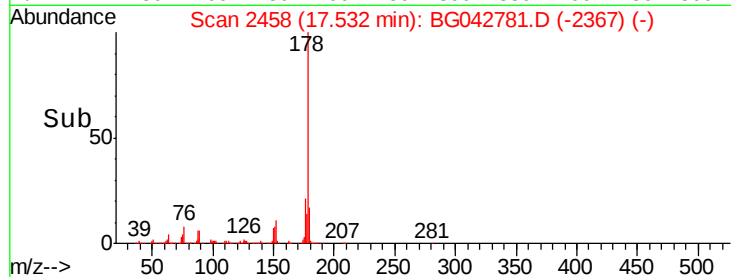
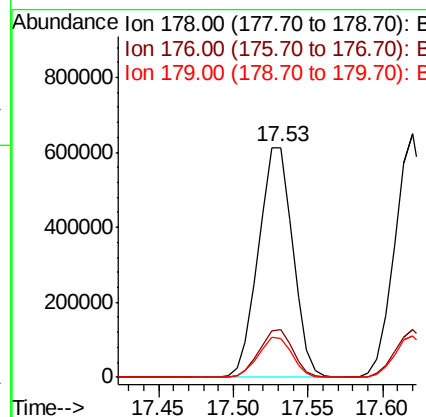
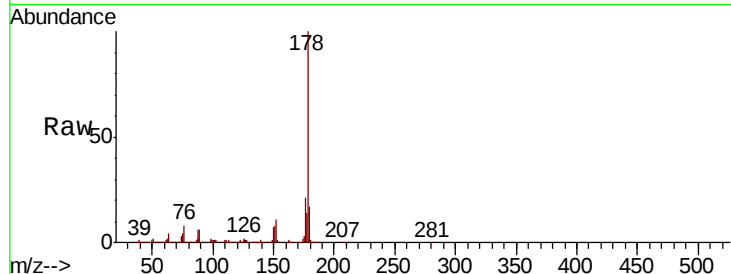




#71  
Phenanthrene  
Concen: 40.415 ng  
RT: 17.53 min Scan# 2458  
Delta R.T. 0.01 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

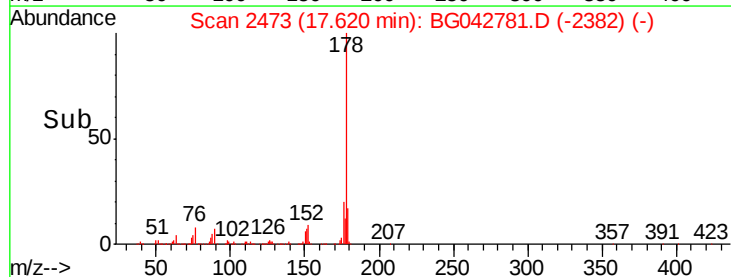
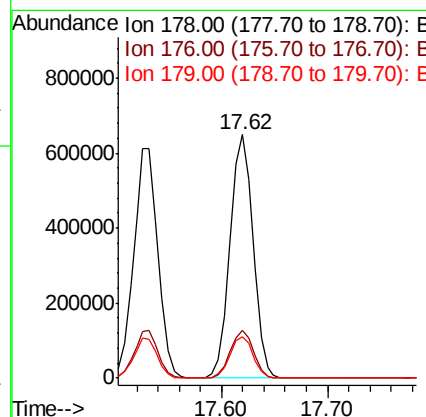
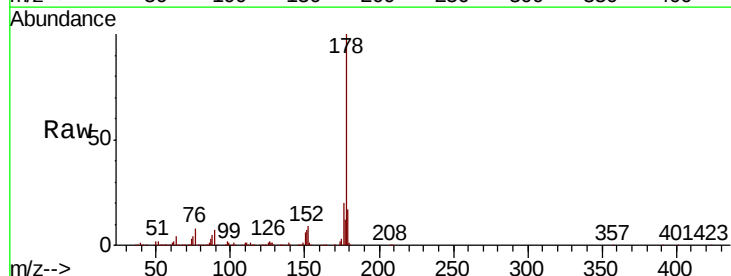
Instrument :  
BNA\_G  
ClientSampleId :

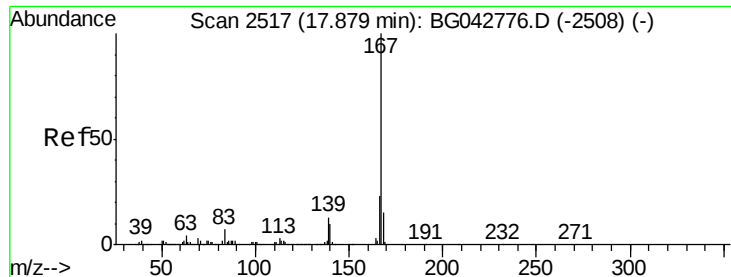
Tot Ion:178 Resp: 975421  
Ion Ratio Lower Upper  
178 100  
176 20.5 17.0 25.4  
179 16.8 13.6 20.4



#72  
Anthracene  
Concen: 40.536 ng  
RT: 17.62 min Scan# 2473  
Delta R.T. 0.01 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

Tgt Ion:178 Resp: 977413  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.2 24.4  
179 16.9 13.6 20.4





#73

Carbazole

Concen: 40.280 ng

RT: 17.88 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

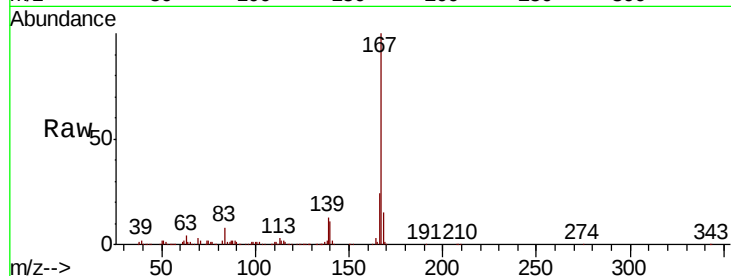
Tot Ion:167 Resp: 923127

Ion Ratio Lower Upper

167 100

166 23.7 18.3 27.5

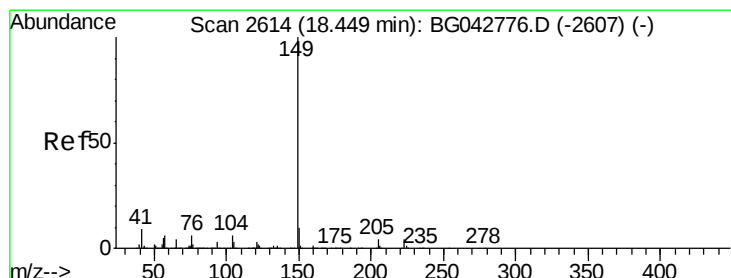
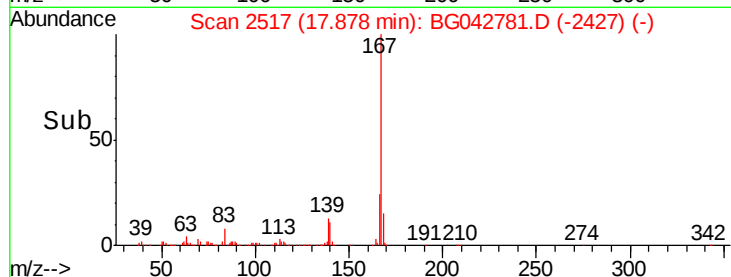
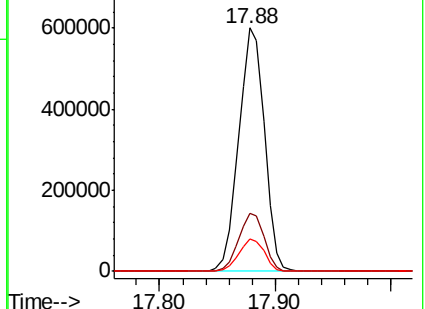
139 13.4 10.2 15.4



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: 40.852 ng

RT: 18.45 min Scan# 2615

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

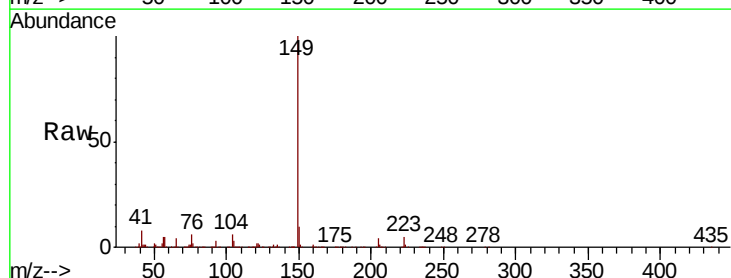
Tgt Ion:149 Resp: 1121536

Ion Ratio Lower Upper

149 100

150 10.4 8.0 12.0

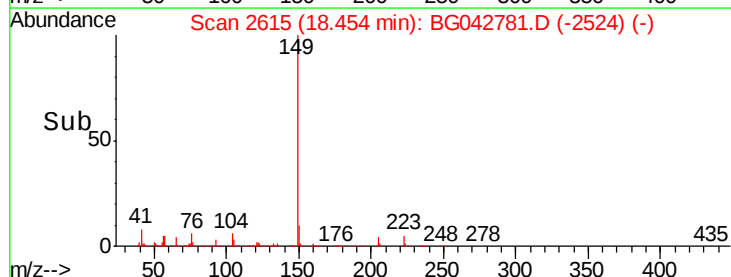
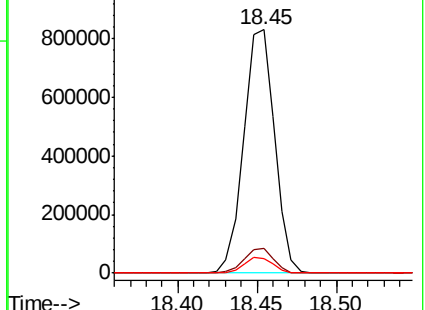
104 6.2 5.1 7.7

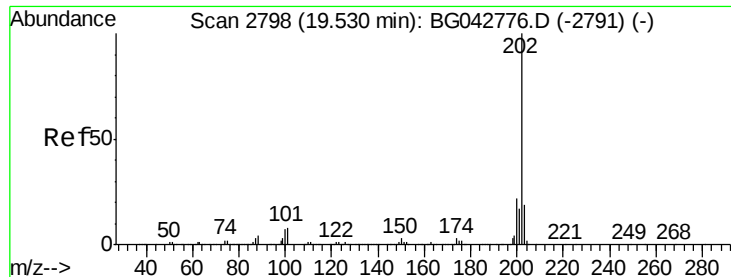


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.829 ng

RT: 19.54 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

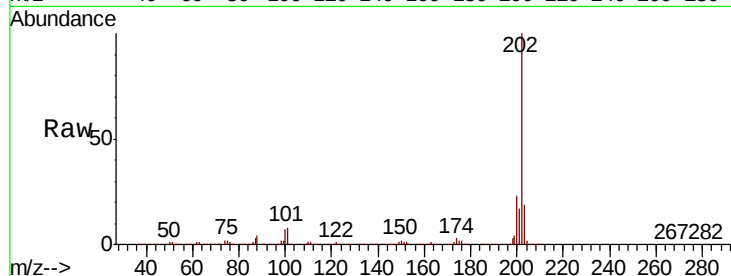
Tot Ion:202 Resp: 1277136

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.8

203 19.1 0.0 39.1

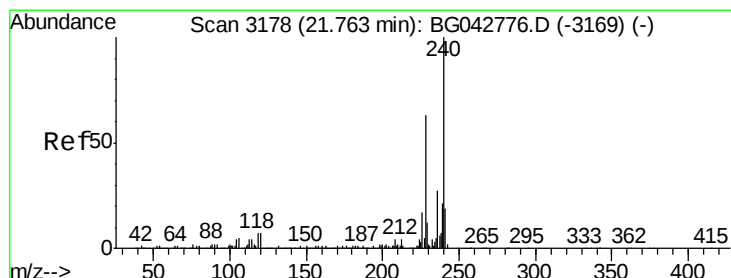
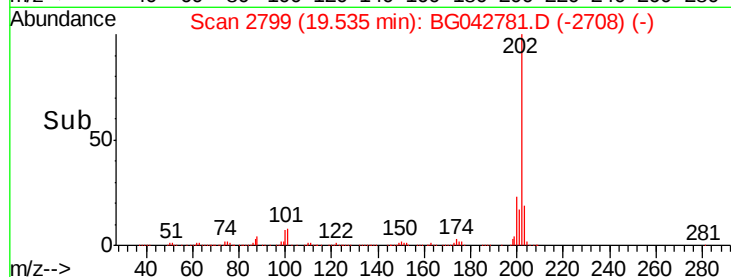
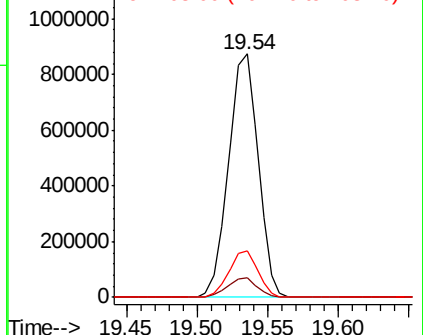


Abundance

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: 21.77 min Scan# 3179

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

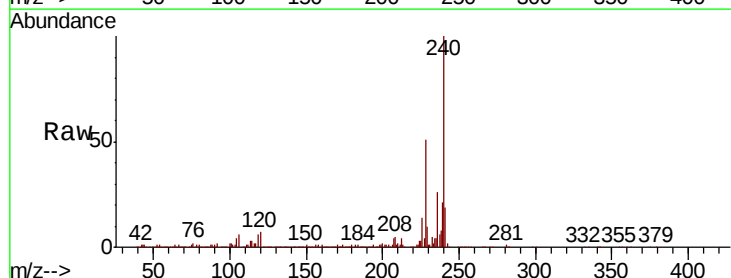
Tgt Ion:240 Resp: 495443

Ion Ratio Lower Upper

240 100

120 6.6 5.4 8.2

236 25.9 21.7 32.5

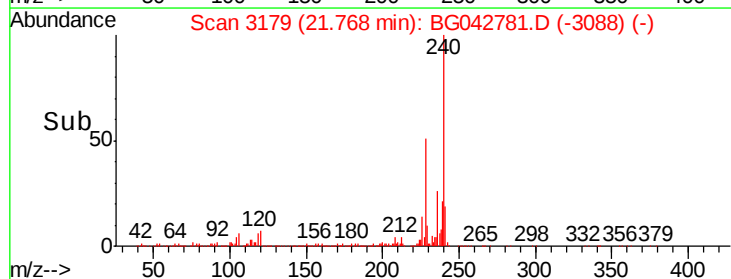
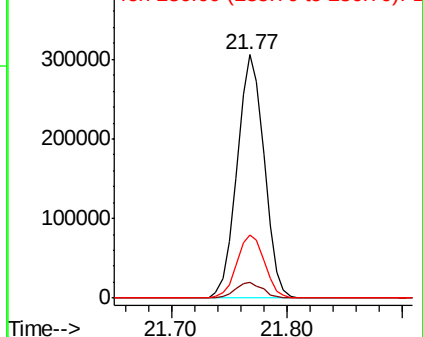


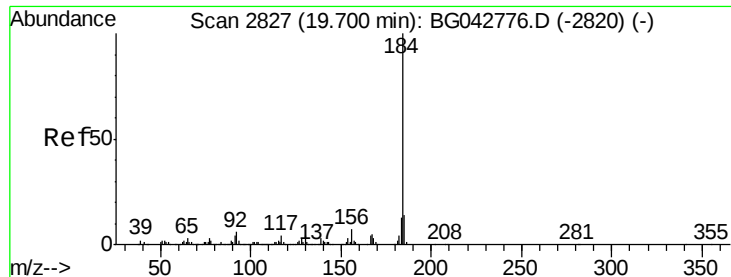
Abundance

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: 33.725 ng

RT: 19.71 min Scan# 2828

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

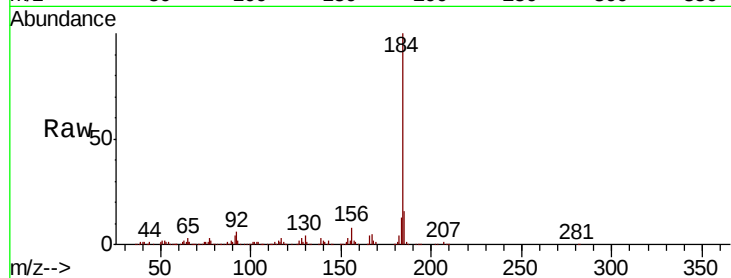
Tot Ion:184 Resp: 466818

Ion Ratio Lower Upper

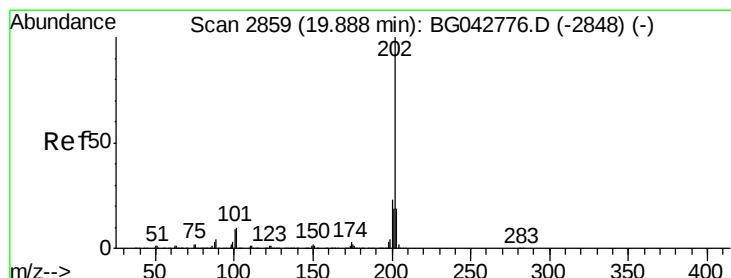
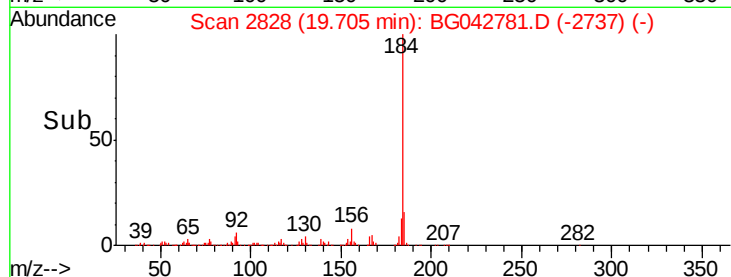
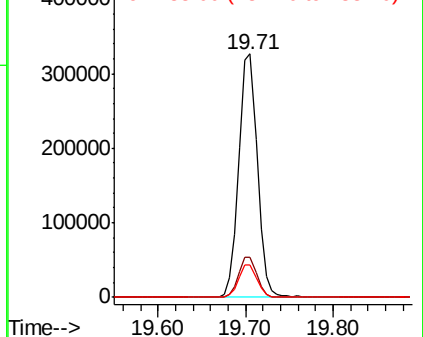
184 100

185 16.4 11.6 17.4

183 13.5 10.4 15.6



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



#78

Pyrene

Concen: 41.334 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

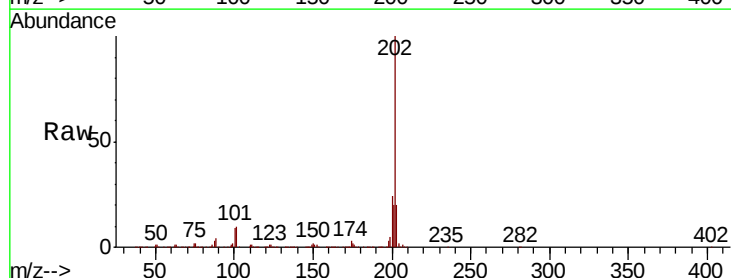
Tgt Ion:202 Resp: 1282108

Ion Ratio Lower Upper

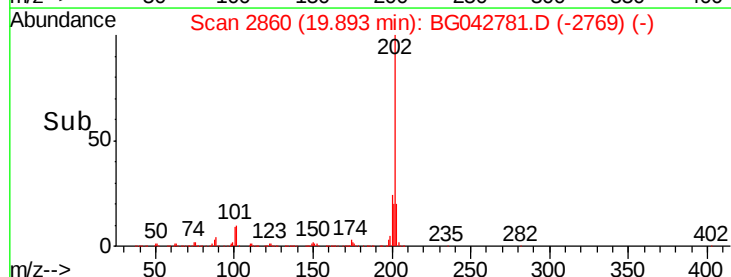
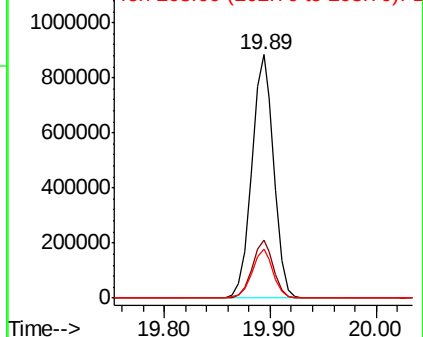
202 100

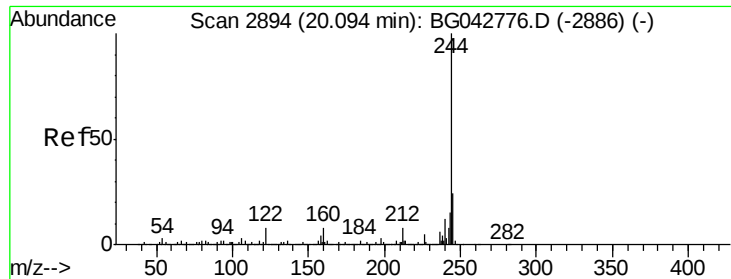
200 23.9 18.5 27.7

203 20.1 15.3 22.9



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: 84.160 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.00 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

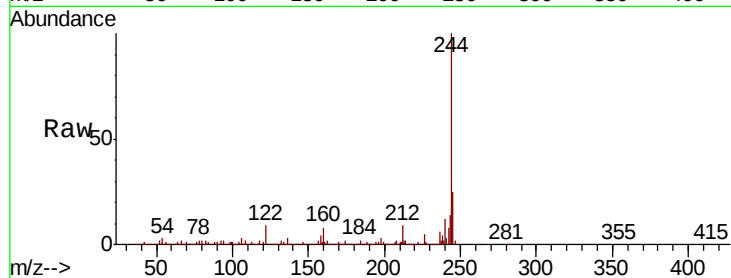
Tot Ion:244 Resp: 1881379

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

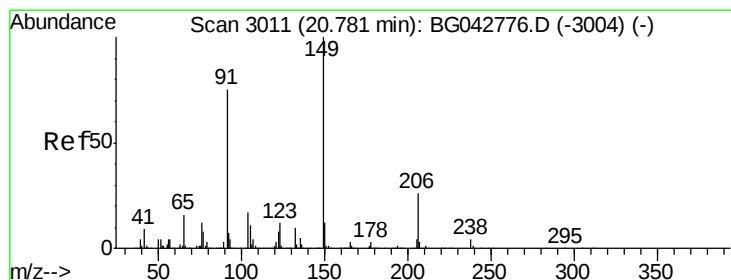
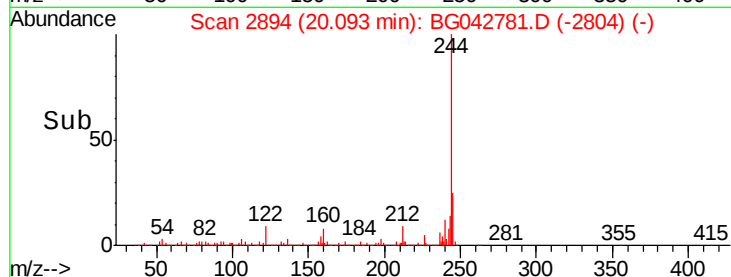
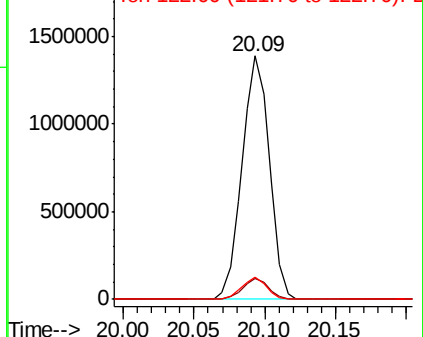
122 8.9 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.472 ng

RT: 20.79 min Scan# 3012

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

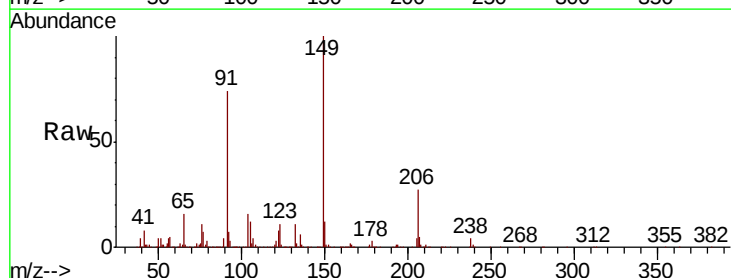
Tgt Ion:149 Resp: 520612

Ion Ratio Lower Upper

149 100

91 74.0 60.2 90.2

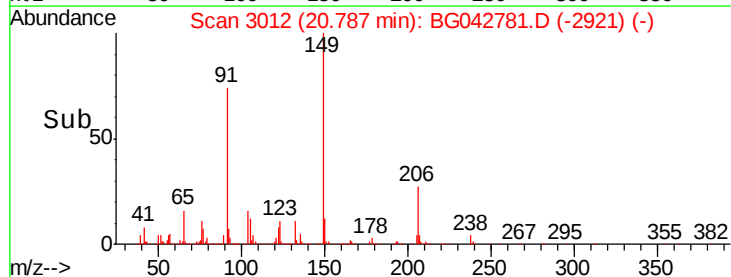
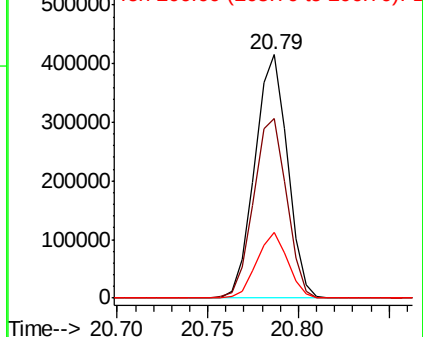
206 26.8 20.6 30.8

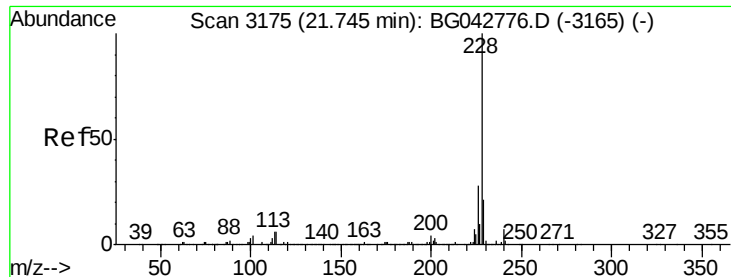


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

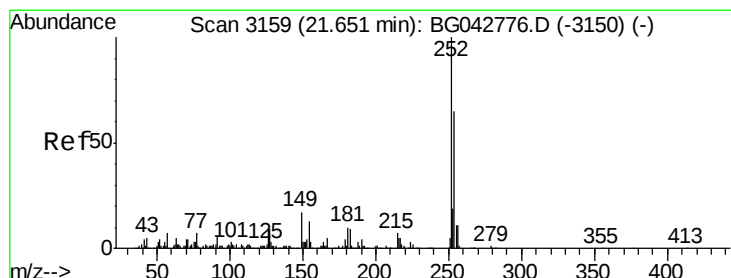
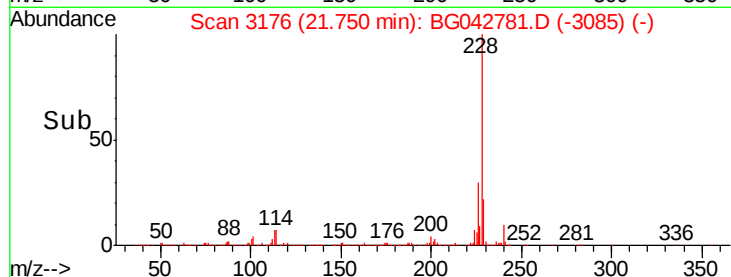
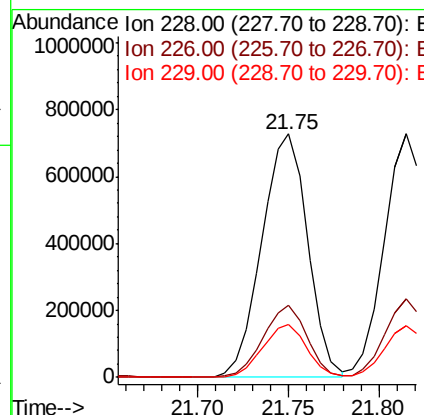
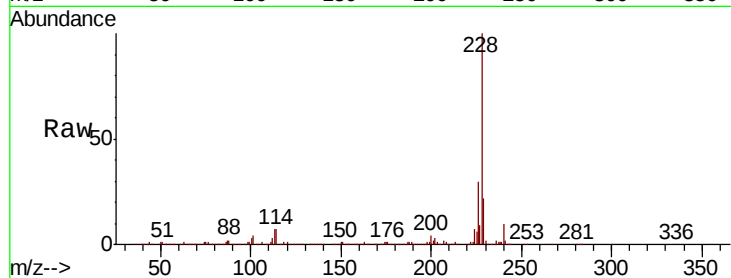




#81  
Benzo(a)anthracene  
Concen: 40.586 ng  
RT: 21.75 min Scan# 3176  
Delta R.T. 0.01 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

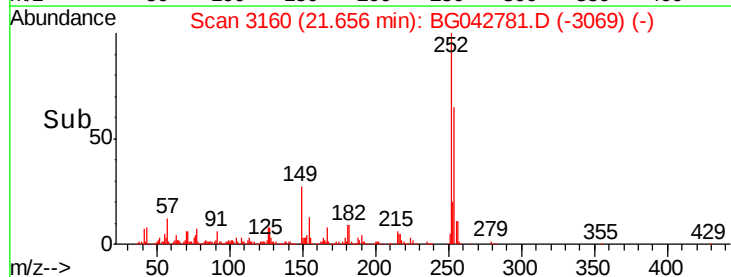
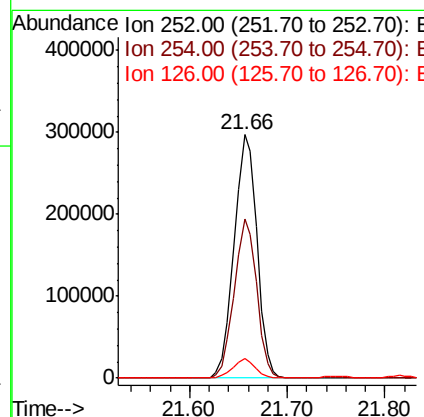
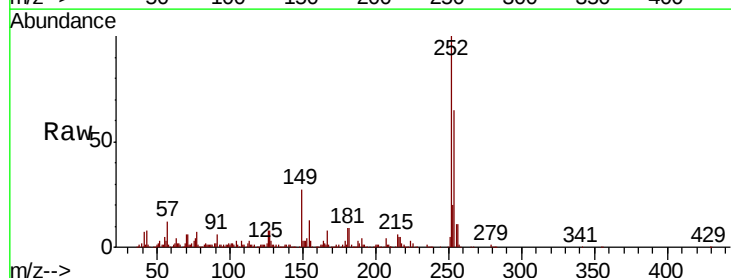
Instrument :  
BNA\_G  
ClientSampled :

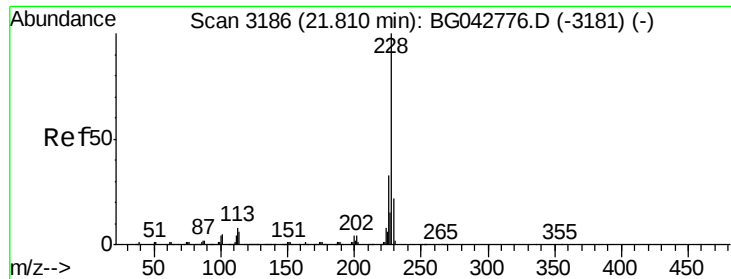
Tot Ion:228 Resp: 1278493  
Ion Ratio Lower Upper  
228 100  
226 29.8 22.5 33.7  
229 21.5 17.2 25.8



#82  
3,3'-Dichlorobenzidine  
Concen: 39.450 ng  
RT: 21.66 min Scan# 3160  
Delta R.T. 0.01 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

Tgt Ion:252 Resp: 482946  
Ion Ratio Lower Upper  
252 100  
254 65.2 52.2 78.2  
126 8.2 7.0 10.4





#83

Chrysene

Concen: 40.968 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

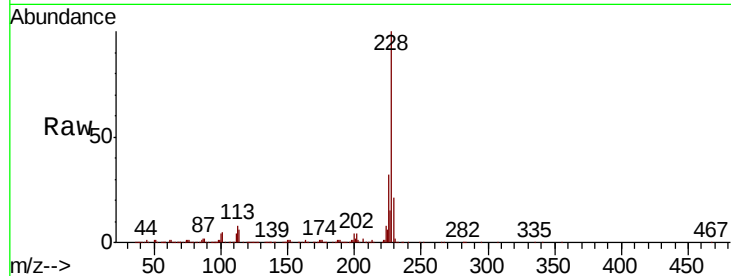
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 1222435

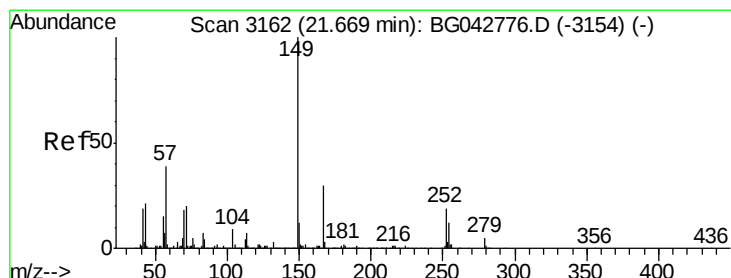
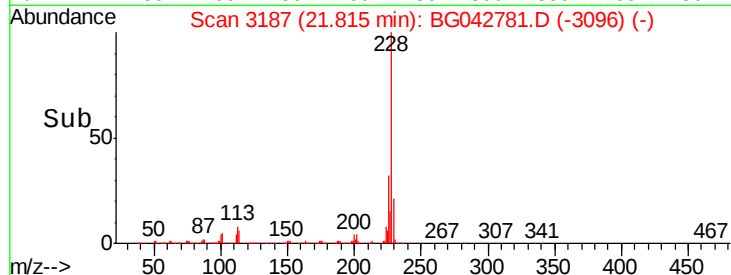
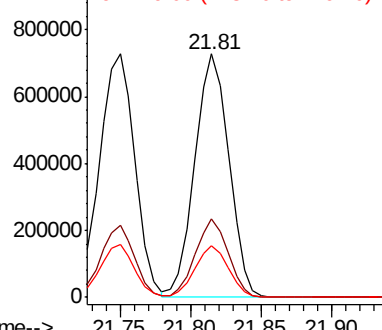
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.1  | 26.0  | 39.0  |
| 229 | 21.2  | 17.1  | 25.7  |



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: 40.331 ng

RT: 21.67 min Scan# 3163

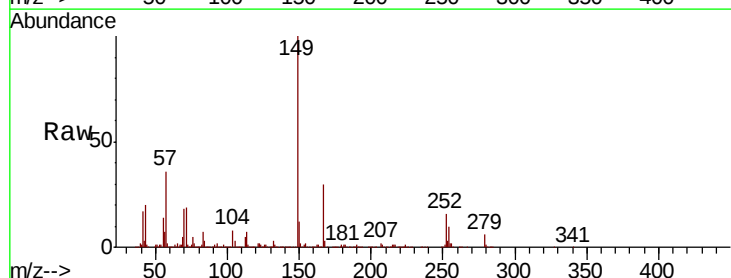
Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Tgt Ion:149 Resp: 691778

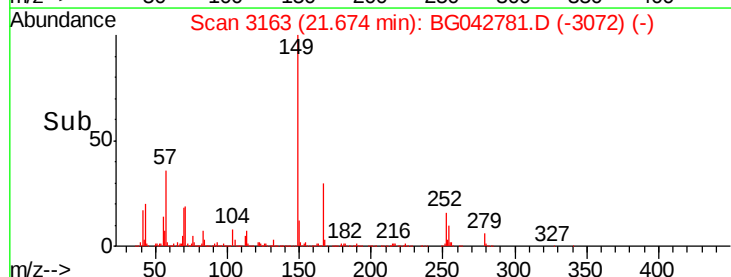
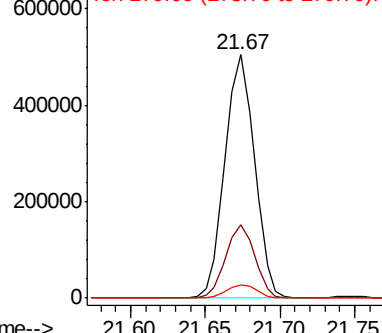
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.3  | 24.3  | 36.5  |
| 279 | 5.6   | 4.2   | 6.4   |

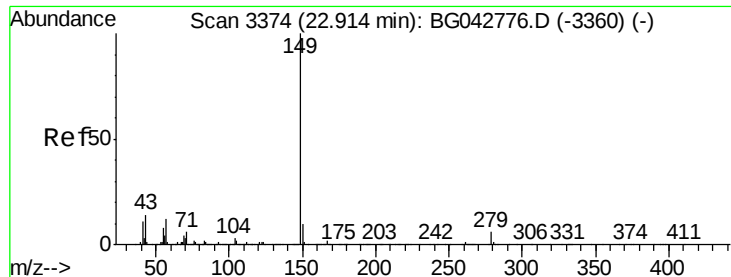


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.283 ng

RT: 22.92 min Scan# 3375

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

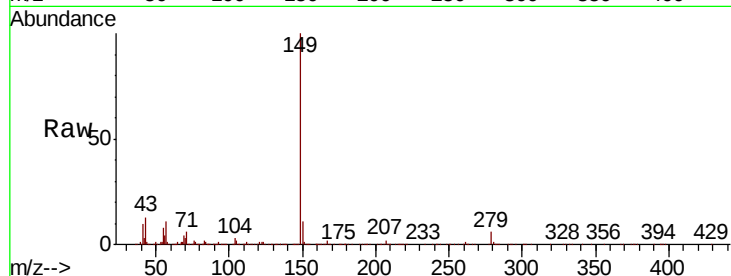
Tot Ion:149 Resp: 1177897

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

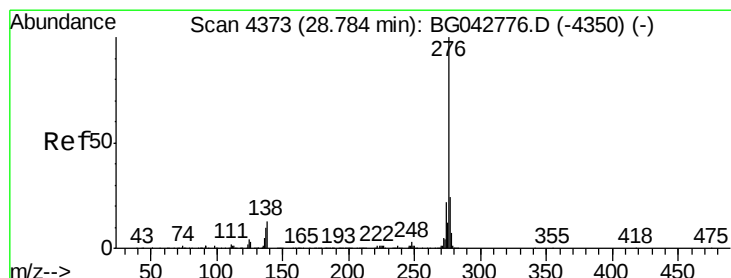
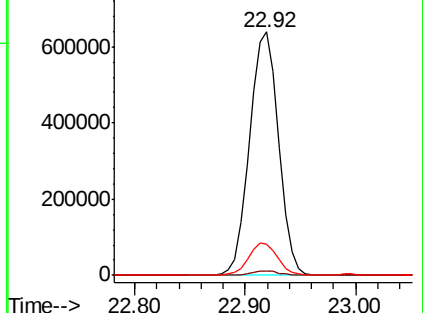
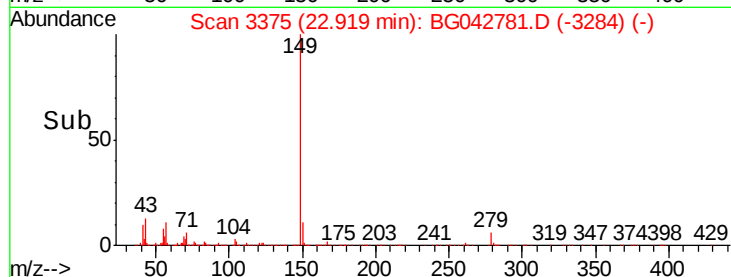
43 13.2 10.6 15.8



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.493 ng

RT: 28.79 min Scan# 4374

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

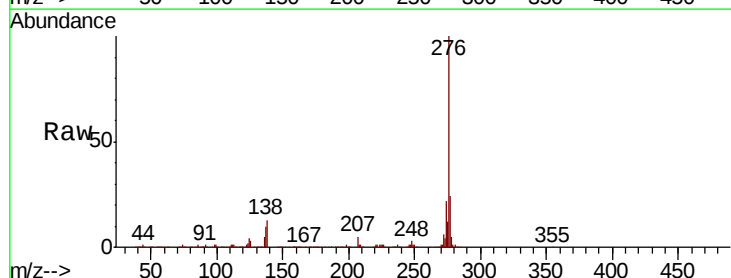
Tgt Ion:276 Resp: 1459329

Ion Ratio Lower Upper

276 100

138 10.7 9.3 13.9

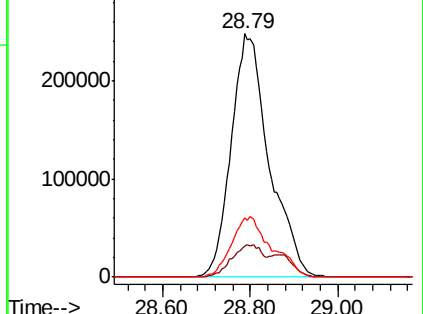
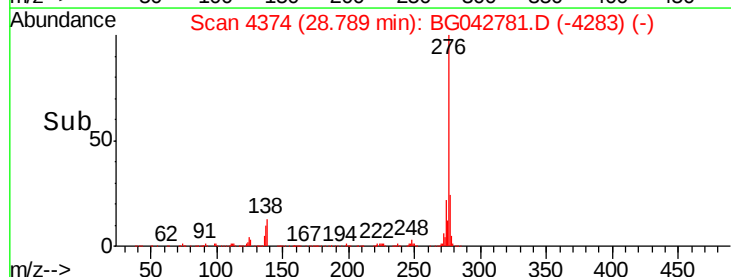
277 26.1 17.2 25.8#

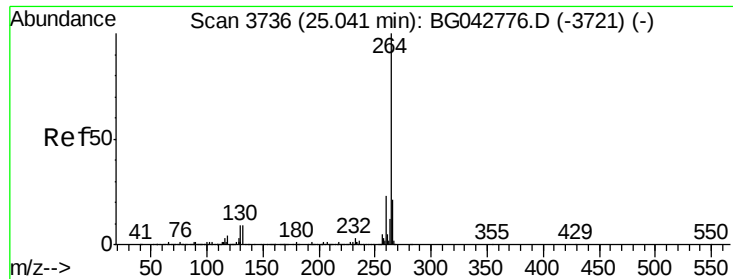


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

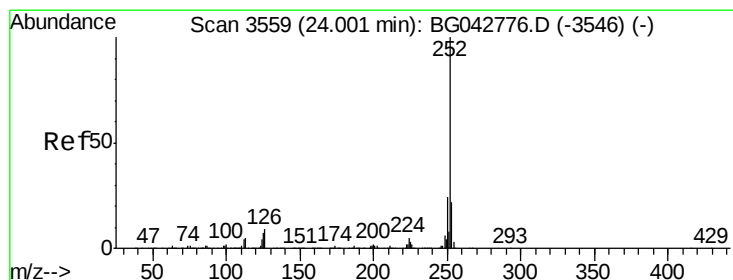
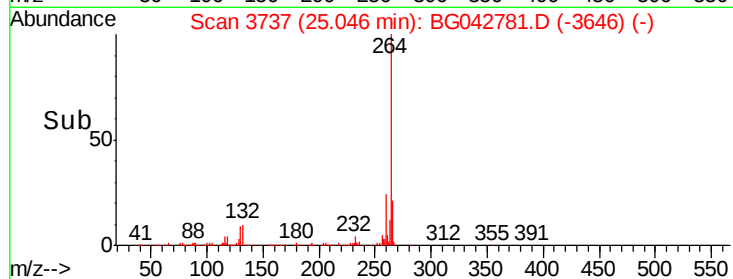
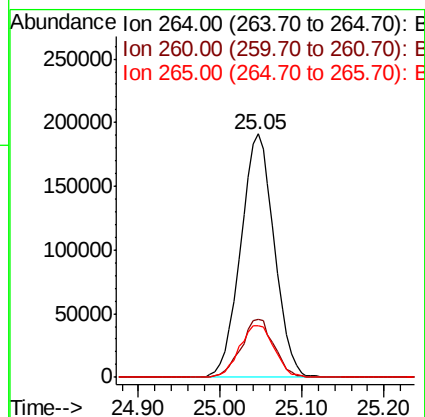
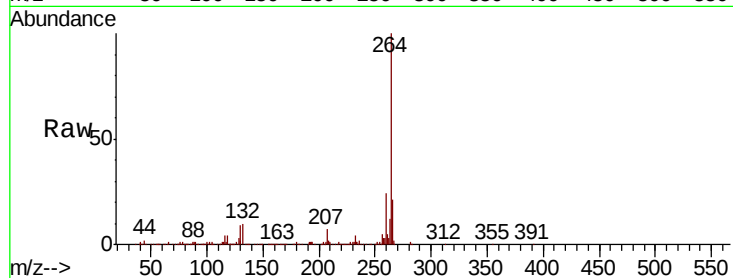




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.05 min Scan# 3737  
Delta R.T. 0.01 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

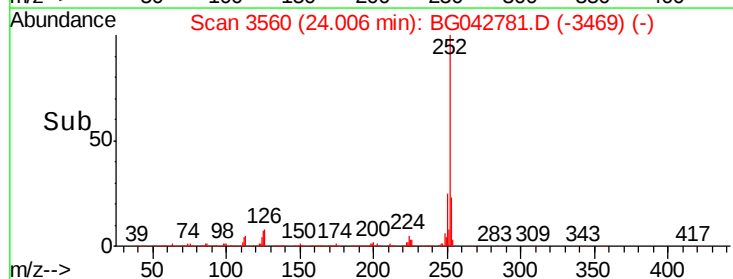
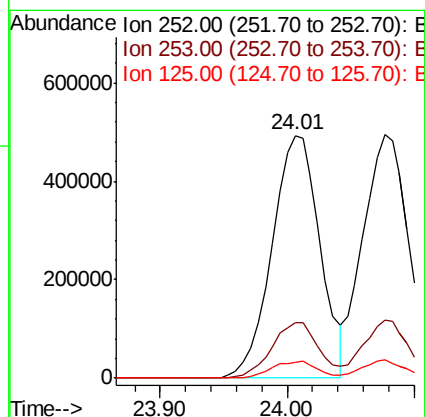
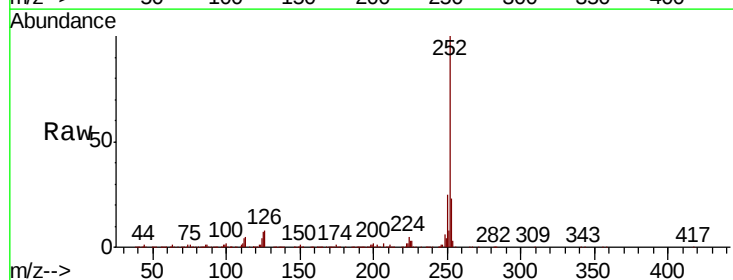
Instrument :  
BNA\_G  
ClientSampleId :

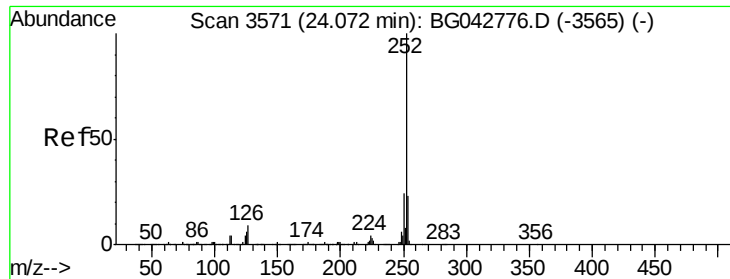
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 18.2  | 27.2  |
| 265     | 21.3  | 16.9  | 25.3  |



#88  
Benzo(b)fluoranthene  
Concen: 40.444 ng  
RT: 24.01 min Scan# 3560  
Delta R.T. 0.01 min  
Lab File: BG042781.D  
Acq: 12 Sep 2019 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.9  | 26.9  |
| 125     | 6.5   | 5.6   | 8.4   |





#89

Benzo(k)fluoranthene

Concen: 40.645 ng

RT: 24.08 min Scan# 3572

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Instrument :

BNA\_G

ClientSampleId :

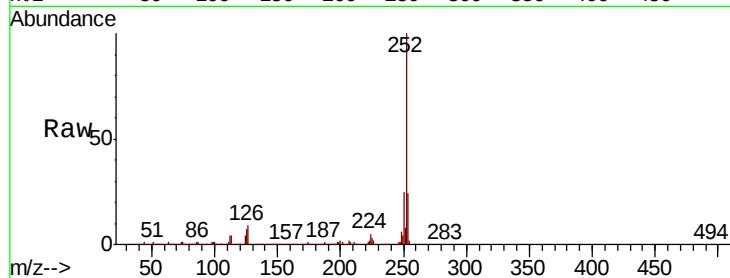
Tot Ion:252 Resp: 1227875

Ion Ratio Lower Upper

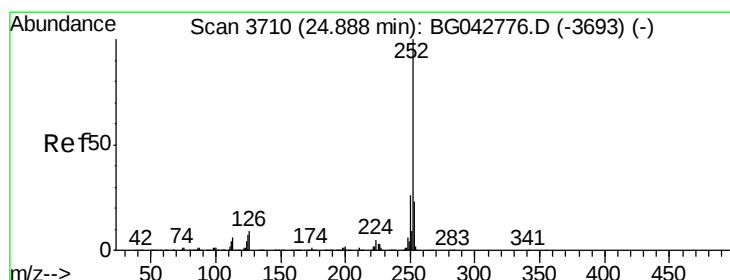
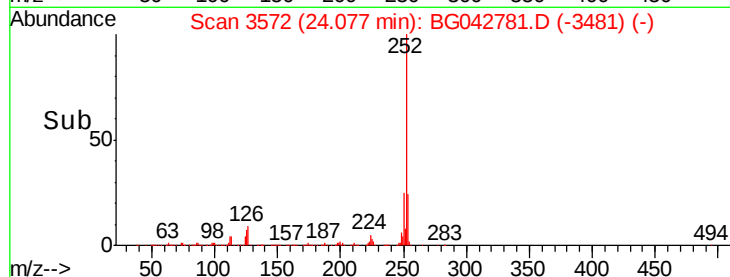
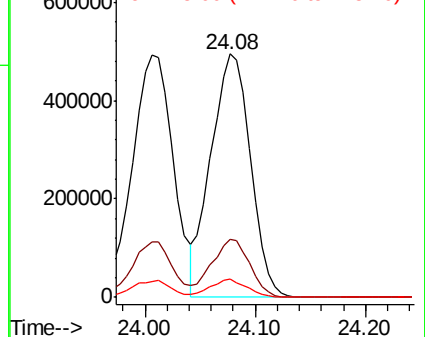
252 100

253 23.6 18.2 27.4

125 7.4 5.3 7.9



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: 40.328 ng

RT: 24.89 min Scan# 3711

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

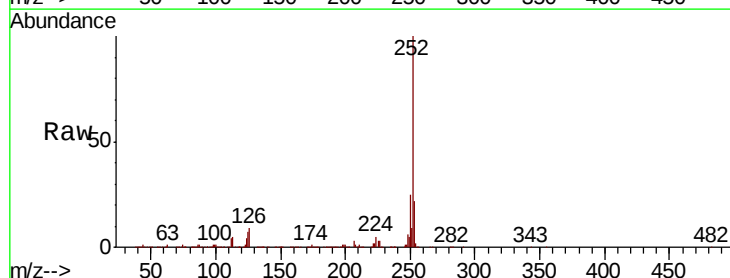
Tgt Ion:252 Resp: 1207649

Ion Ratio Lower Upper

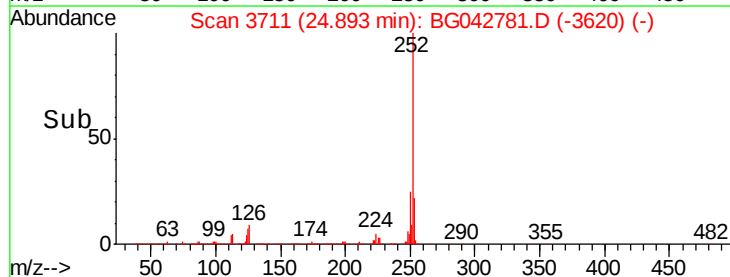
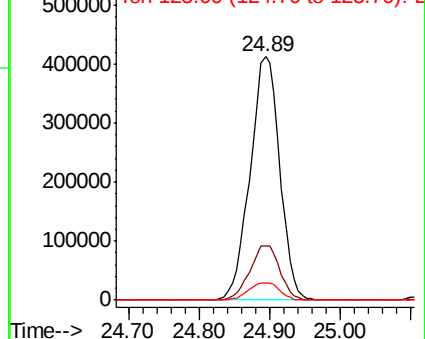
252 100

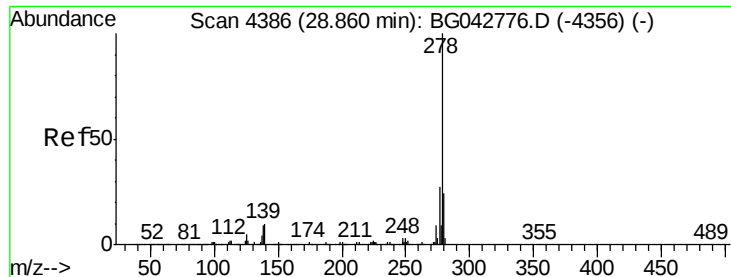
253 22.4 18.1 27.1

125 7.1 5.7 8.5



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: 40.324 ng

RT: 28.87 min Scan# 4387

Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

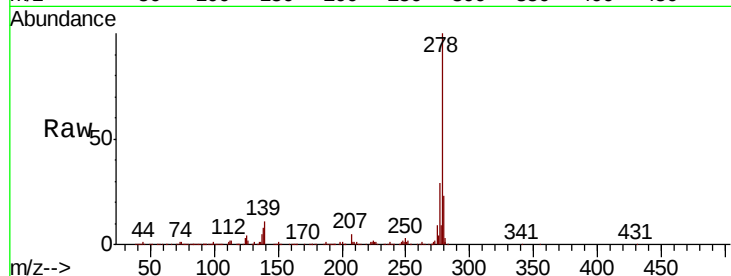
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:278 Resp: 1187681

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 10.7  | 8.2   | 12.2  |
| 279 | 23.2  | 19.4  | 29.2  |

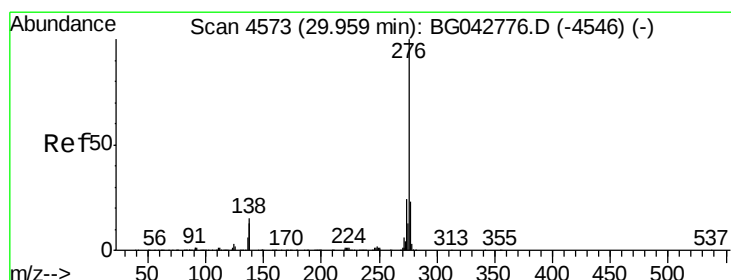
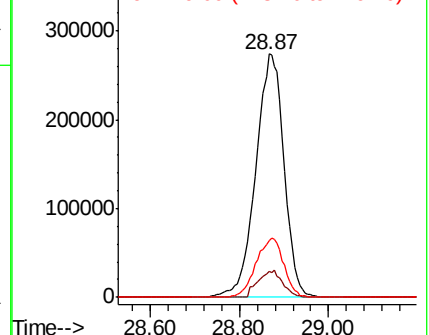
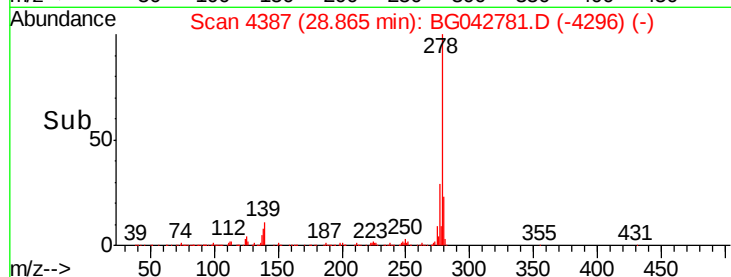


Abundance

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: 40.132 ng

RT: 29.96 min Scan# 4574

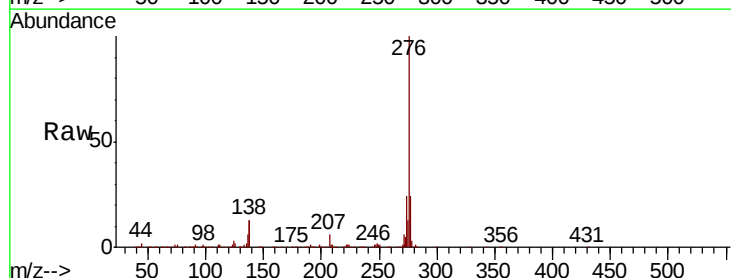
Delta R.T. 0.01 min

Lab File: BG042781.D

Acq: 12 Sep 2019 14:22

Tgt Ion:276 Resp: 1152953

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.2  | 18.4  | 27.6  |
| 138 | 13.1  | 11.8  | 17.8  |



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

