

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\  
 Data File : BG040478.D  
 Acq On : 15 Apr 2019 13:38  
 Operator : JU/SJ  
 Sample : PB118717BSD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 15 14:21:09 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 13 00:33:11 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 53478    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 222389   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.68 | 164  | 144208   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.42 | 188  | 390786   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.70 | 240  | 434244   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.99 | 264  | 444128   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 281773  | 87.59  | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 389659  | 87.65  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 346279  | 82.76  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 155889  | 100.02 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.30 | 172 | 799203  | 82.12  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.03 | 244 | 1377780 | 71.38  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 50087  | 33.112 | ng | # 96   |
| 3) Pyridine                    | 3.89  | 79  | 129169 | 31.716 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 67854  | 36.018 | ng | # 92   |
| 6) Aniline                     | 7.38  | 93  | 84110  | 14.562 | ng | 92     |
| 8) 2-Chlorophenol              | 7.61  | 128 | 146306 | 38.852 | ng | 95     |
| 9) Benzaldehyde                | 7.19  | 77  | 69866  | 22.910 | ng | 98     |
| 10) Phenol                     | 7.23  | 94  | 193012 | 39.998 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 137849 | 35.666 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146 | 148574 | 36.295 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 153478 | 37.644 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146 | 145667 | 37.361 | ng | 98     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 128699 | 35.945 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 266569 | 35.937 | ng | 99     |
| 17) 2-Methylphenol             | 8.49  | 107 | 133999 | 40.130 | ng | 99     |
| 18) Hexachloroethane           | 9.13  | 117 | 53780  | 34.678 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 112574 | 35.317 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 182194 | 40.277 | ng | 97     |
| 22) Acetophenone               | 8.87  | 105 | 220486 | 39.745 | ng | # 96   |
| 24) Nitrobenzene               | 9.26  | 77  | 169897 | 39.214 | ng | 97     |
| 25) Isophorone                 | 9.77  | 82  | 328901 | 38.206 | ng | 99     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 80720  | 39.319 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122 | 155044 | 47.546 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 196212 | 38.525 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 151386 | 42.770 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180 | 152838 | 39.325 | ng | 98     |
| 31) Naphthalene                | 10.91 | 128 | 457237 | 40.112 | ng | 98     |
| 32) Benzoic acid               | 10.17 | 122 | 45910  | 23.302 | ng | 94     |
| 33) 4-Chloroaniline            | 11.04 | 127 | 69409  | 14.275 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 90640  | 36.466 | ng | 98     |
| 35) Caprolactam                | 11.81 | 113 | 56511  | 40.232 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 178944 | 43.976 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 346654 | 41.119 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.73 | 142 | 328992 | 40.243 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 177368 | 38.698 | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\  
 Data File : BG040478.D  
 Acq On : 15 Apr 2019 13:38  
 Operator : JU/SJ  
 Sample : PB118717BSD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

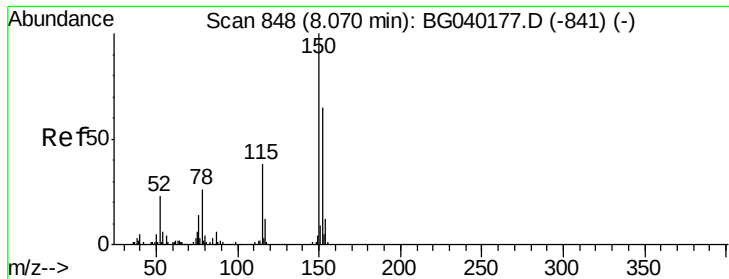
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 15 14:21:09 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 13 00:33:11 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.84 | 237  | 194622   | 77.334 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 124546   | 42.146 | ng    | 95       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 141174   | 43.830 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 448927   | 39.399 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.56 | 162  | 346763   | 39.675 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.77 | 65   | 126891   | 43.041 | ng    | 98       |
| 49) Acenaphthylene             | 14.40 | 152  | 595122   | 40.160 | ng    | 98       |
| 50) Dimethylphthalate          | 14.13 | 163  | 467241   | 41.399 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.26 | 165  | 109478   | 43.201 | ng    | 97       |
| 52) Acenaphthene               | 14.74 | 154  | 344387   | 40.557 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.60 | 138  | 49872    | 18.592 | ng    | 89       |
| 54) 2,4-Dinitrophenol          | 14.80 | 184  | 94362    | 70.015 | ng    | 94       |
| 55) Dibenzofuran               | 15.08 | 168  | 574021   | 42.070 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 182589   | 84.336 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 15.05 | 165  | 162716   | 46.210 | ng    | # 98     |
| 58) Fluorene                   | 15.73 | 166  | 457790   | 42.675 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 136809   | 46.806 | ng    | 98       |
| 60) Diethylphthalate           | 15.48 | 149  | 504008   | 43.640 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204  | 244074   | 42.565 | ng    | 95       |
| 62) 4-Nitroaniline             | 15.76 | 138  | 128717   | 44.712 | ng    | 98       |
| 63) Azobenzene                 | 16.00 | 77   | 467768   | 42.939 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 84469    | 38.474 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.93 | 169  | 445568   | 38.964 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.61 | 248  | 163936   | 37.278 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.72 | 284  | 167823   | 37.955 | ng    | 96       |
| 69) Atrazine                   | 16.87 | 200  | 176706   | 41.540 | ng    | 97       |
| 70) Pentachlorophenol          | 17.07 | 266  | 177645   | 69.491 | ng    | 95       |
| 71) Phenanthrene               | 17.47 | 178  | 838041   | 40.800 | ng    | 98       |
| 72) Anthracene                 | 17.56 | 178  | 849637   | 41.326 | ng    | 99       |
| 73) Carbazole                  | 17.83 | 167  | 841594   | 43.254 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 1006768  | 43.652 | ng    | 99       |
| 75) Fluoranthene               | 19.47 | 202  | 1085636  | 44.635 | ng    | 99       |
| 77) Benzidine                  | 19.66 | 184  | 189954   | 12.114 | ng    | 96       |
| 78) Pyrene                     | 19.84 | 202  | 1098219  | 38.458 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 490491   | 40.140 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 1014875  | 37.943 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.60 | 252  | 177793   | 17.474 | ng    | 100      |
| 83) Chrysene                   | 21.75 | 228  | 1001405  | 38.957 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 705023   | 40.362 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.77 | 149  | 1200498  | 40.338 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.75 | 276  | 1211755  | 38.542 | ng    | # 86     |
| 88) Benzo(b)fluoranthene       | 23.93 | 252  | 1103480  | 40.582 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.00 | 252  | 1048417  | 41.928 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.83 | 252  | 1075090  | 42.140 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.82 | 278  | 1000795  | 42.237 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.94 | 276  | 1003923  | 41.227 | ng    | 99       |

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



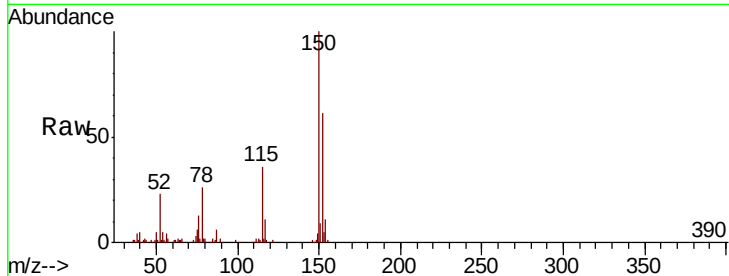


#1

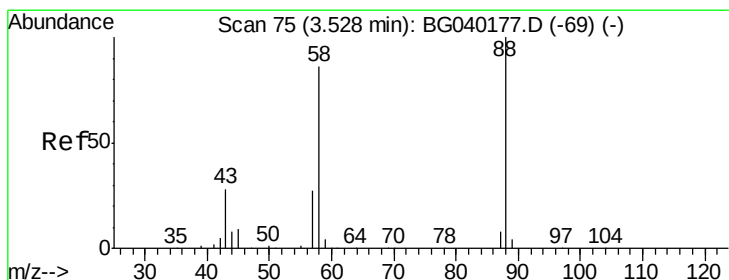
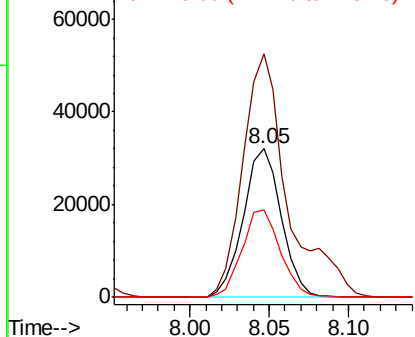
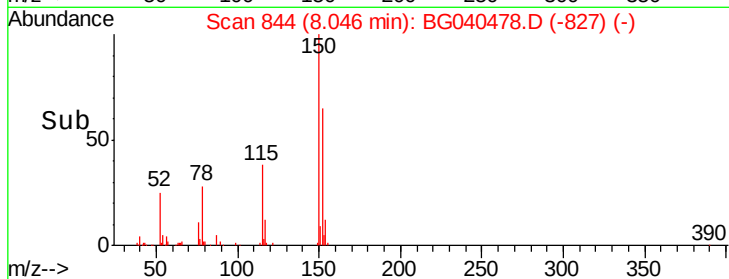
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 844  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 53478  
Ion Ratio Lower Upper  
152 100  
150 164.2 123.7 185.5  
115 58.6 46.9 70.3



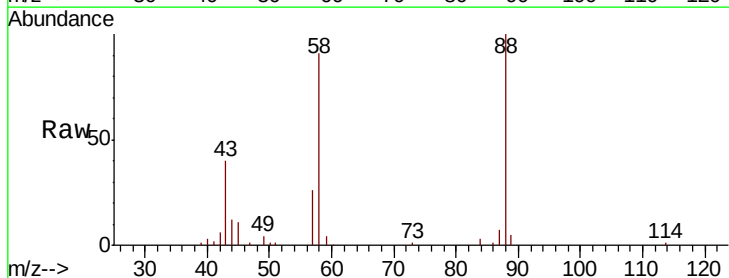
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



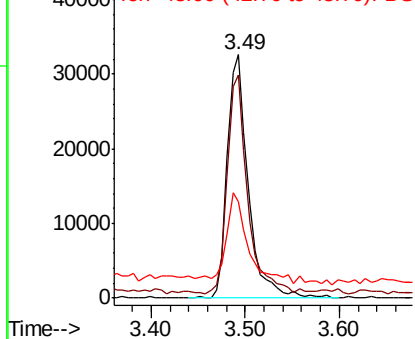
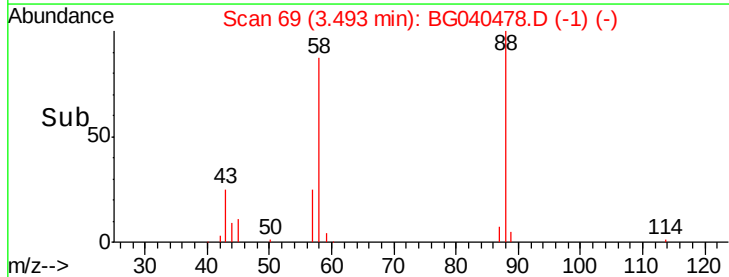
#2

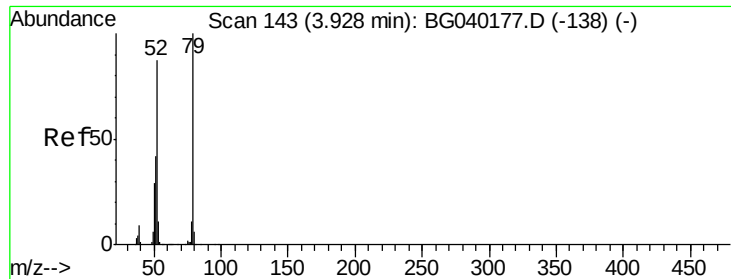
1,4-Dioxane  
Concen: 33.112 ng  
RT: 3.49 min Scan# 69  
Delta R.T. -0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion: 88 Resp: 50087  
Ion Ratio Lower Upper  
88 100  
58 89.0 70.6 106.0  
43 39.1 24.8 37.2#



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





#3

Pvridine

Concen: 31.716 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampleId :

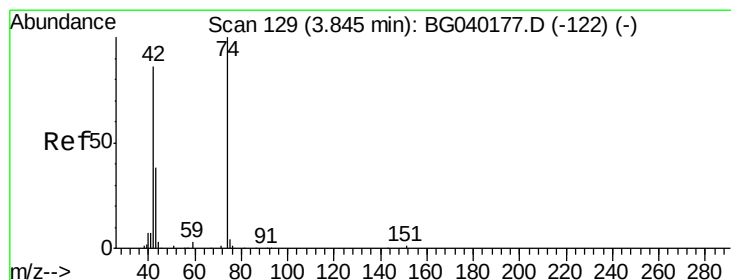
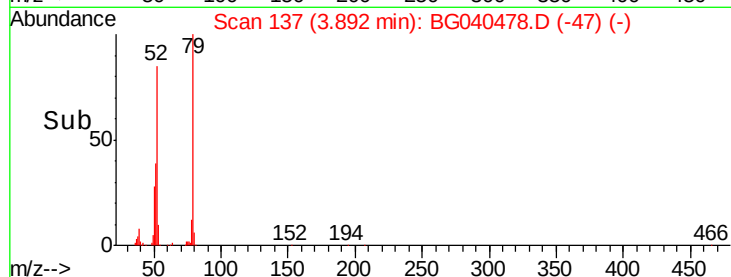
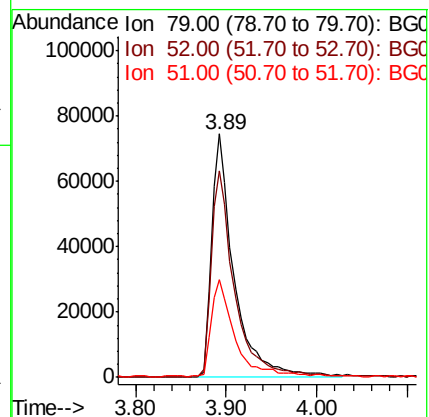
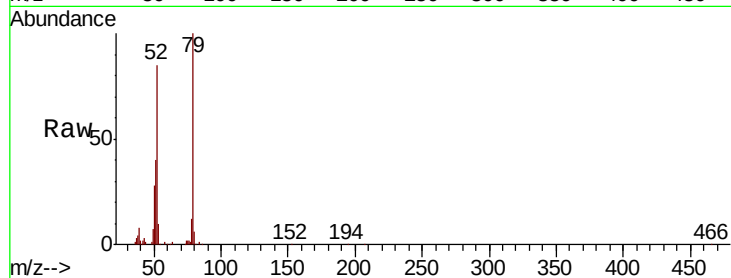
Tot Ion: 79 Resp: 129169

Ion Ratio Lower Upper

79 100

52 84.6 69.8 104.8

51 40.1 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 36.018 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

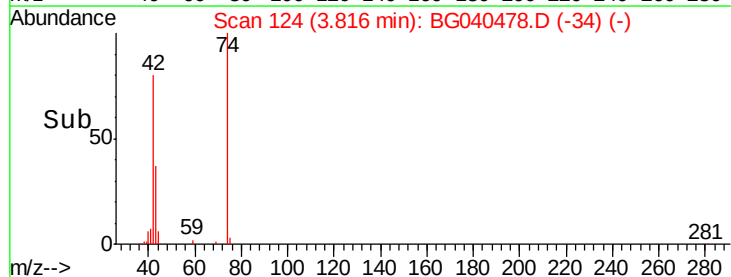
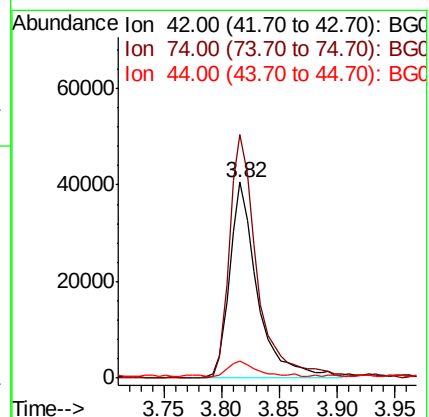
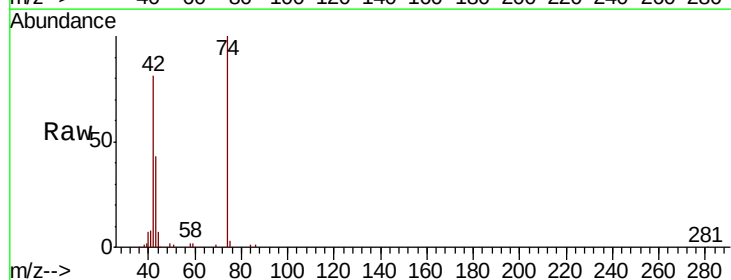
Tgt Ion: 42 Resp: 67854

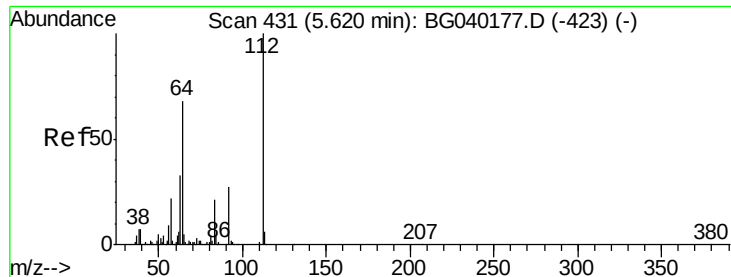
Ion Ratio Lower Upper

42 100

74 124.2 92.9 139.3

44 8.6 9.7 14.5#





#5

2-Fluorophenol

Concen: 87.592 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampleId :

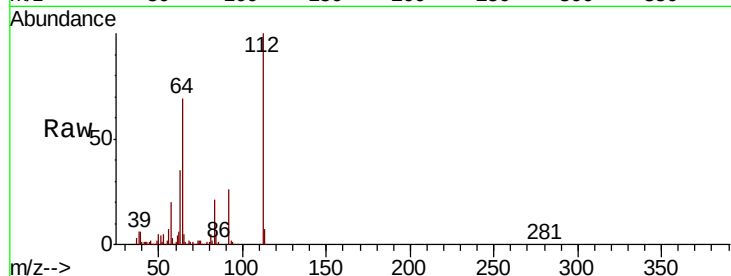
Tot Ion: 112 Resp: 281773

Ion Ratio Lower Upper

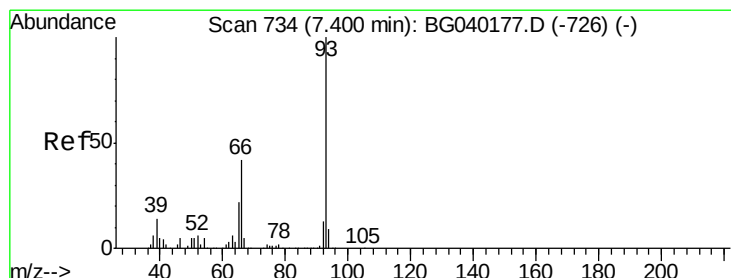
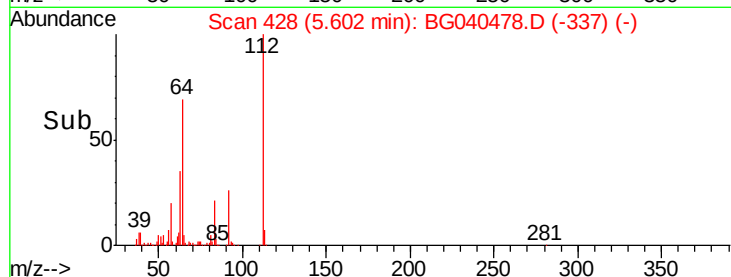
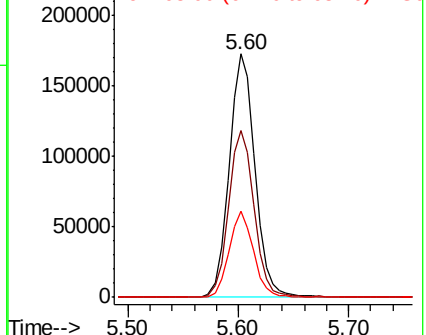
112 100

64 68.5 54.2 81.2

63 35.4 26.4 39.6



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: 14.562 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

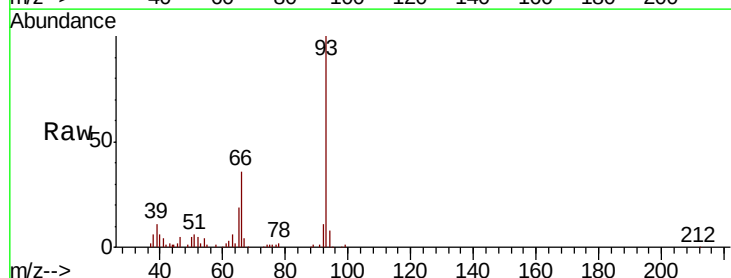
Tgt Ion: 93 Resp: 84110

Ion Ratio Lower Upper

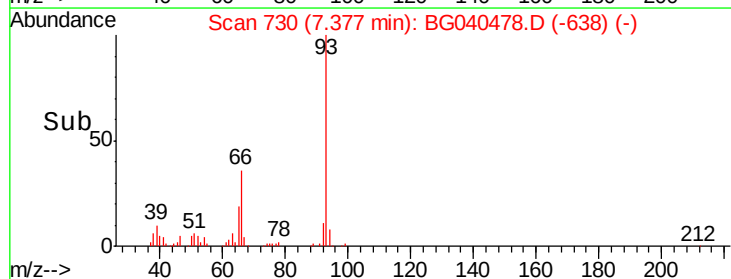
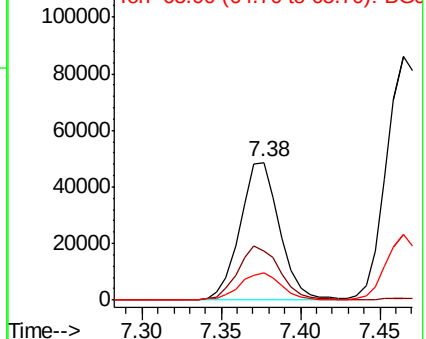
93 100

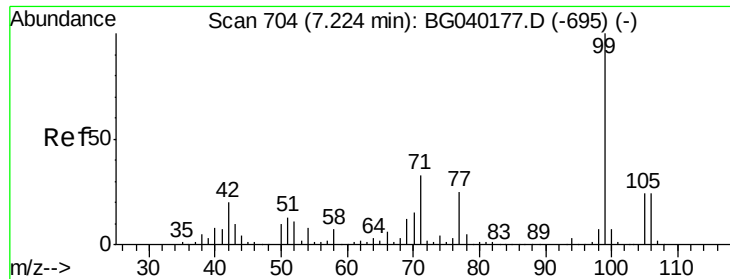
66 35.9 33.6 50.4

65 19.4 17.4 26.2



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.647 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampled :

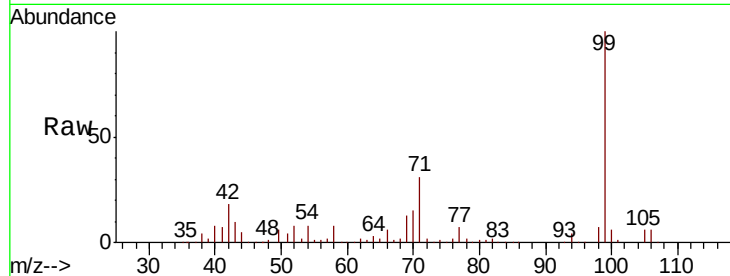
Tot Ion: 99 Resp: 389659

Ion Ratio Lower Upper

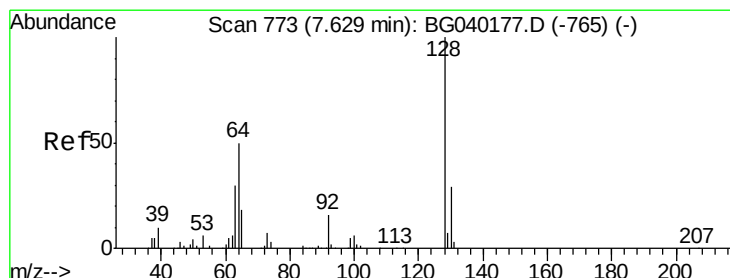
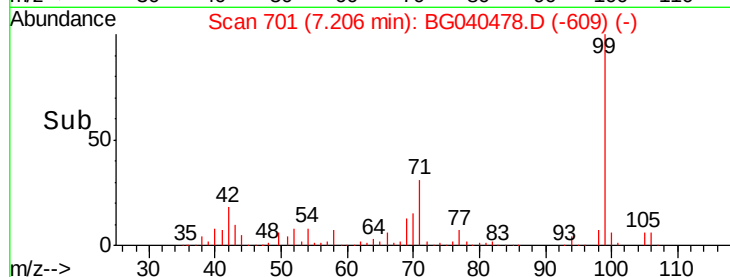
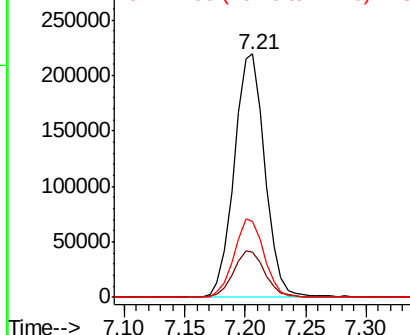
99 100

42 18.5 16.2 24.2

71 31.2 26.8 40.2



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: 38.852 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

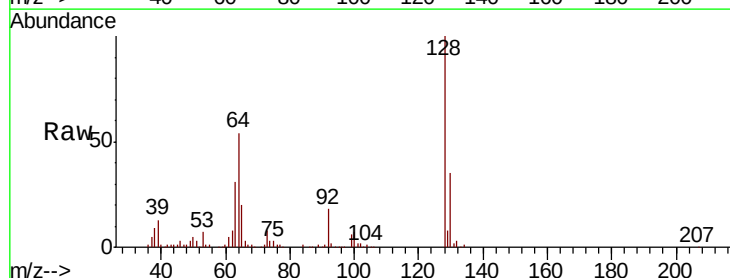
Tgt Ion: 128 Resp: 146306

Ion Ratio Lower Upper

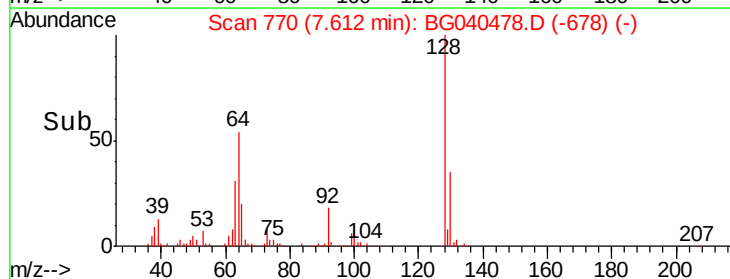
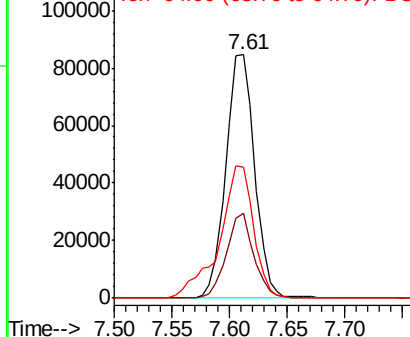
128 100

130 34.7 9.1 49.1

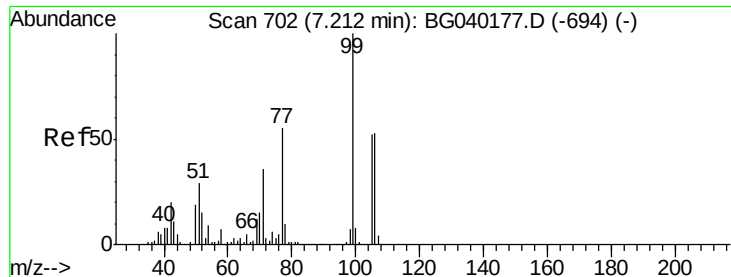
64 54.0 33.1 73.1



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



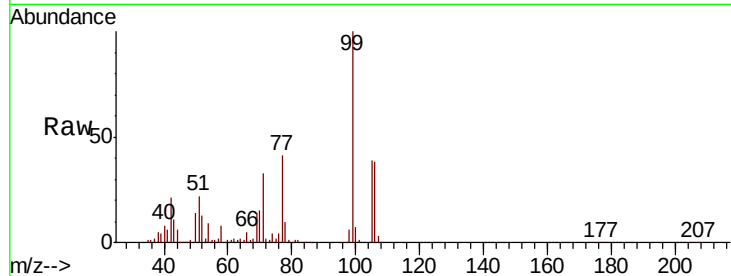




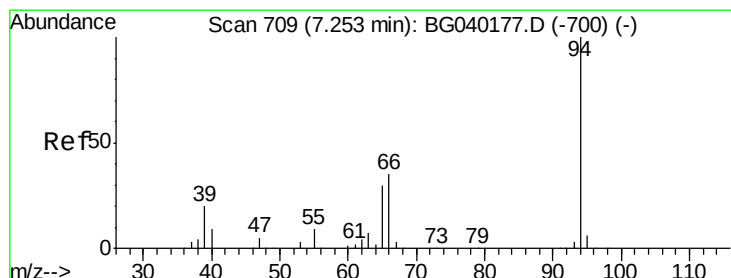
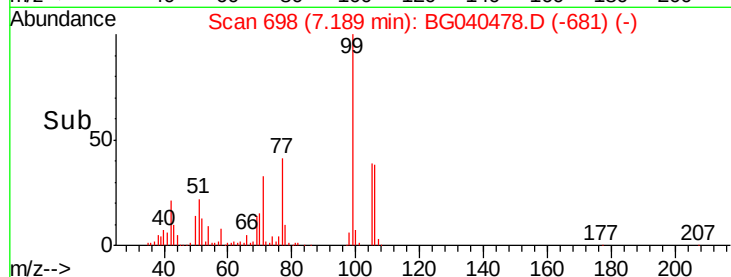
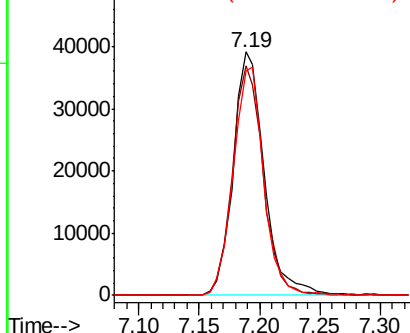
#9  
Benzaldehyde  
Concen: 22.910 ng  
RT: 7.19 min Scan# 698  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion: 77 Resp: 69866  
Ion Ratio Lower Upper  
77 100  
105 94.2 75.0 115.0  
106 92.2 75.7 115.7

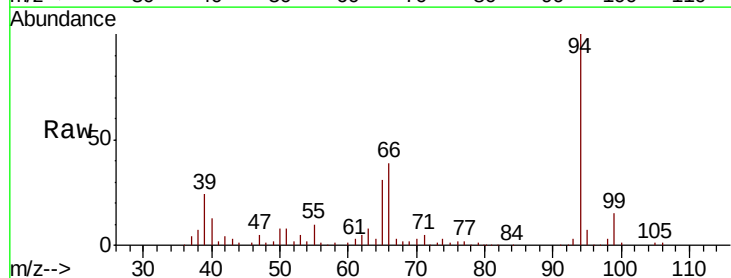


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC

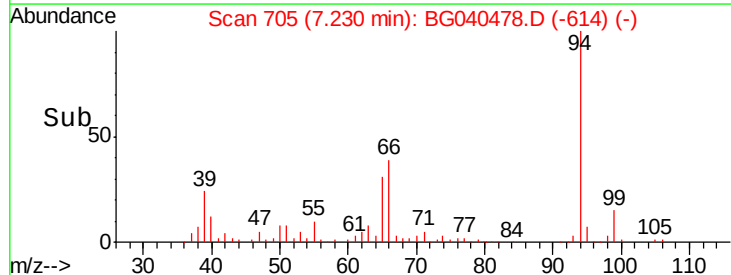
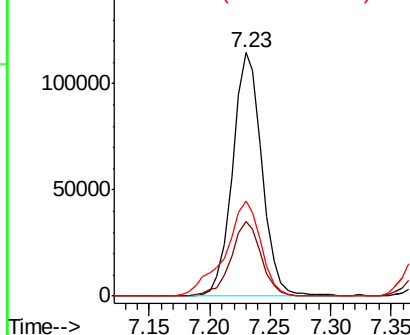


#10  
Phenol  
Concen: 39.998 ng  
RT: 7.23 min Scan# 705  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

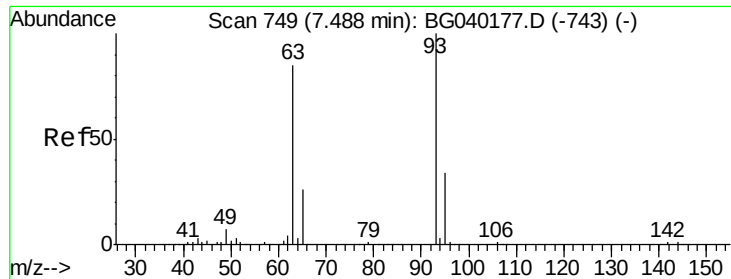
Tgt Ion: 94 Resp: 193012  
Ion Ratio Lower Upper  
94 100  
65 30.7 10.5 50.5  
66 39.2 16.9 56.9



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



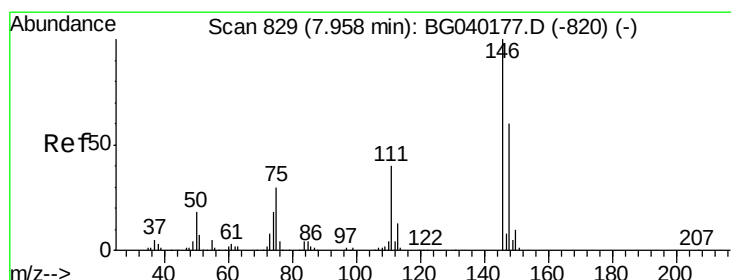
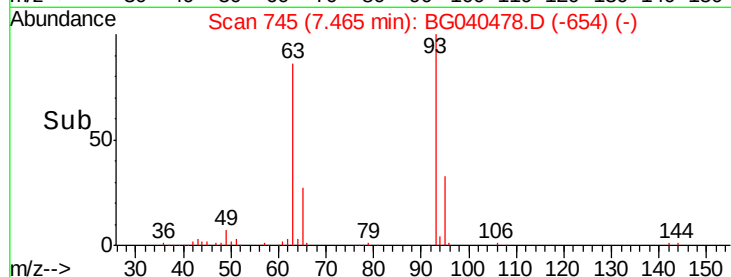
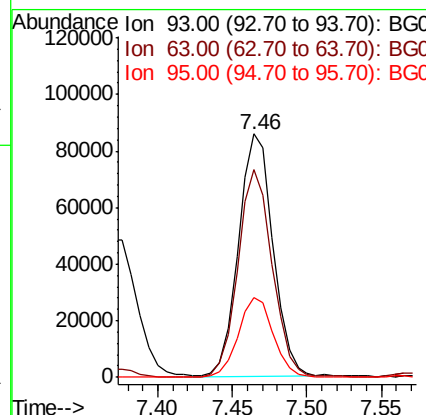
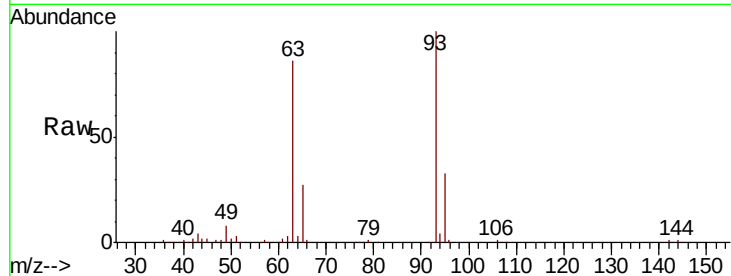




#11  
 bis(2-Chloroethyl)ether  
 Concen: 35.666 ng  
 RT: 7.46 min Scan# 745  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

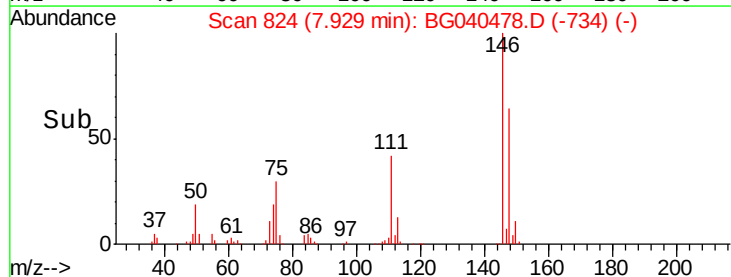
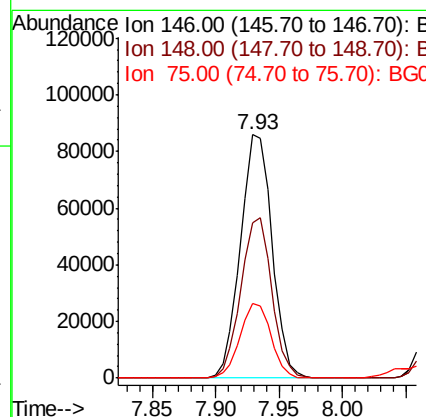
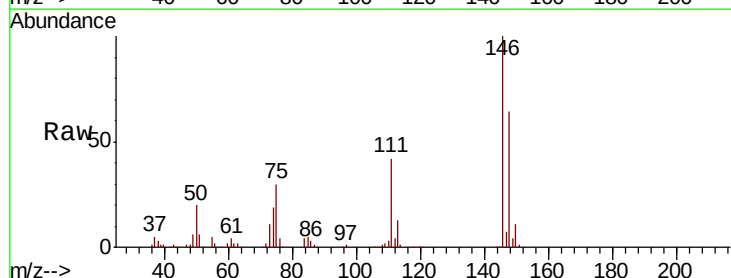
Instrument :  
 BNA\_G  
 ClientSampled :

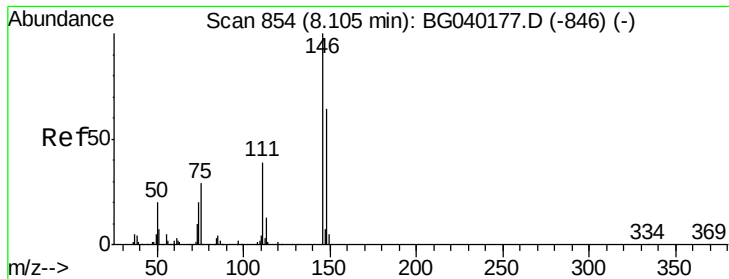
Tot Ion: 93 Resp: 137849  
 Ion Ratio Lower Upper  
 93 100  
 63 85.6 64.2 104.2  
 95 32.7 14.0 54.0



#12  
 1,3-Dichlorobenzene  
 Concen: 36.295 ng  
 RT: 7.93 min Scan# 824  
 Delta R.T. -0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

Tgt Ion: 146 Resp: 148574  
 Ion Ratio Lower Upper  
 146 100  
 148 63.8 48.2 72.2  
 75 30.5 24.1 36.1

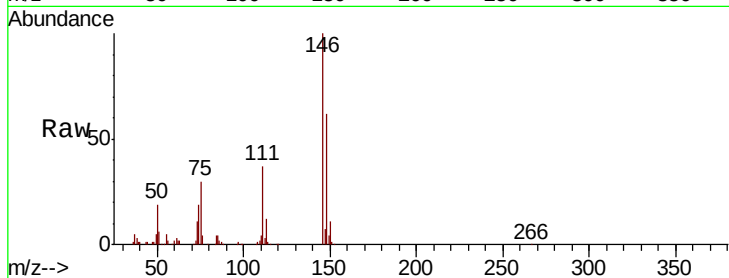




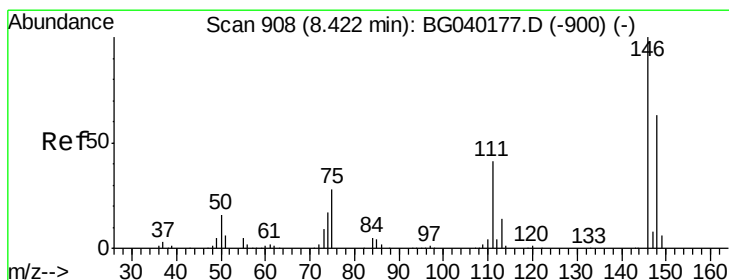
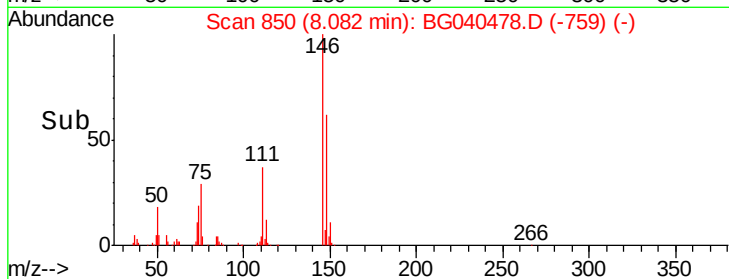
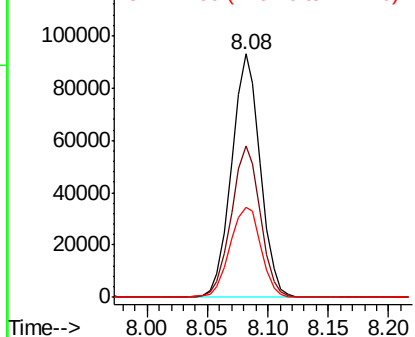
#13  
 1,4-Dichlorobenzene  
 Concen: 37.644 ng  
 RT: 8.08 min Scan# 850  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 153478  
 Ion Ratio Lower Upper  
 146 100  
 148 62.1 51.0 76.4  
 111 36.8 31.8 47.6

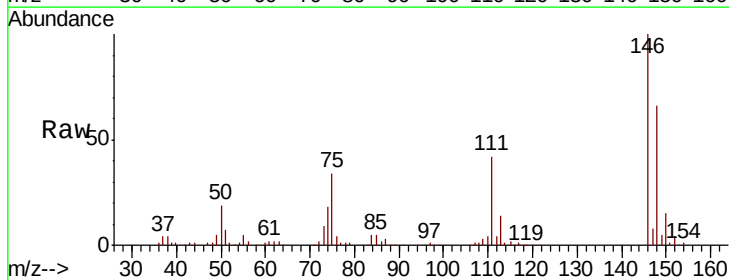


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

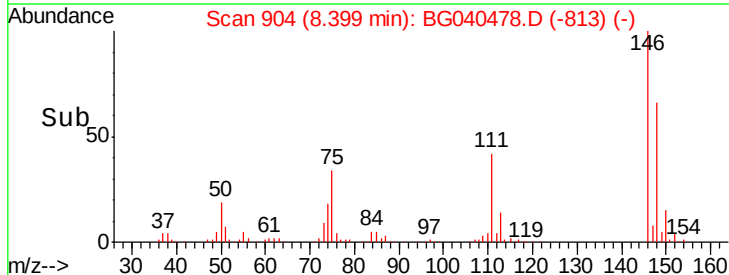
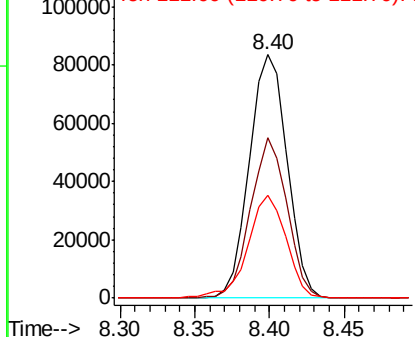


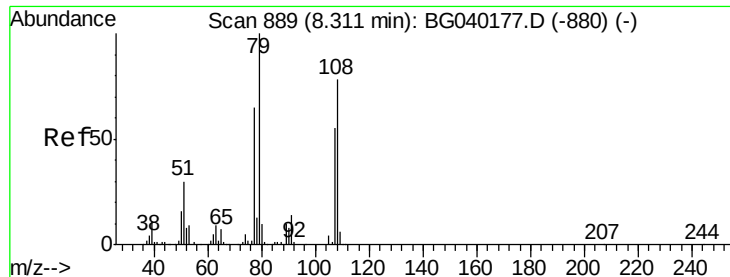
#14  
 1,2-Dichlorobenzene  
 Concen: 37.361 ng  
 RT: 8.40 min Scan# 904  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

Tgt Ion:146 Resp: 145667  
 Ion Ratio Lower Upper  
 146 100  
 148 65.7 50.8 76.2  
 111 42.4 33.4 50.0



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





#15

Benzyl Alcohol

Concen: 35.945 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampled :

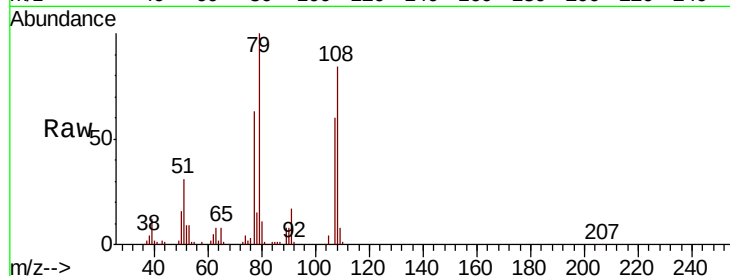
Tot Ion: 79 Resp: 128699

Ion Ratio Lower Upper

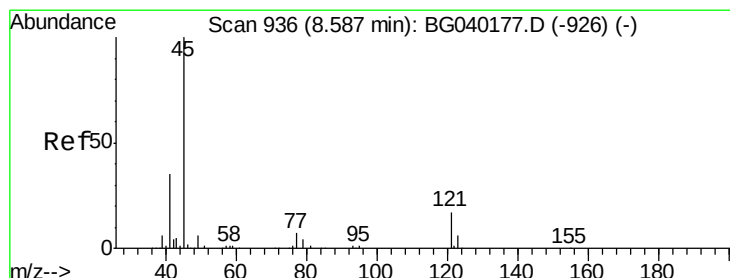
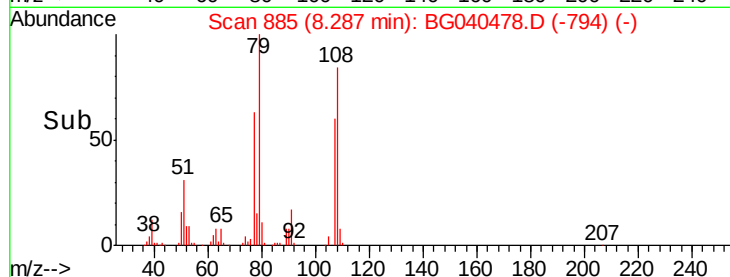
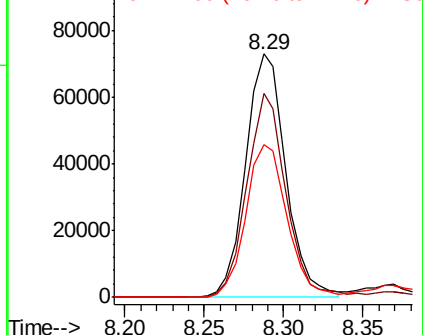
79 100

108 83.6 62.1 93.1

77 62.9 51.9 77.9



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: 35.937 ng

RT: 8.56 min Scan# 932

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

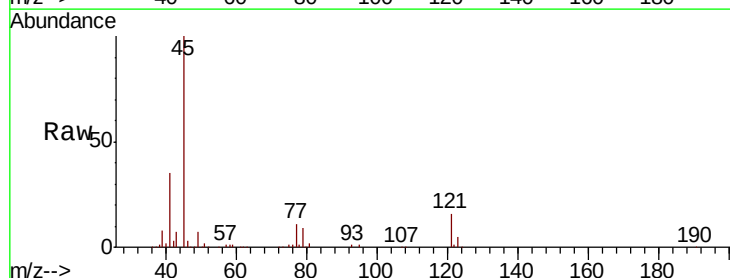
Tgt Ion: 45 Resp: 266569

Ion Ratio Lower Upper

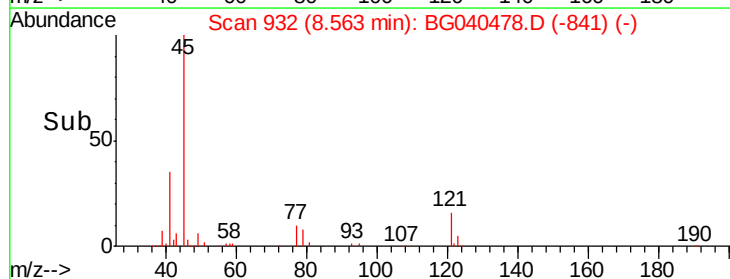
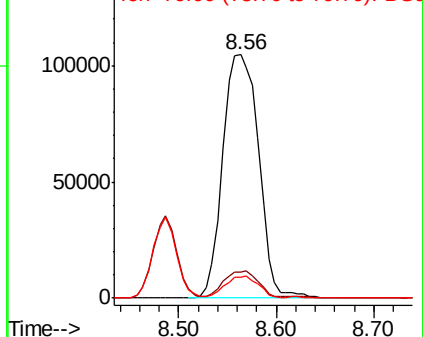
45 100

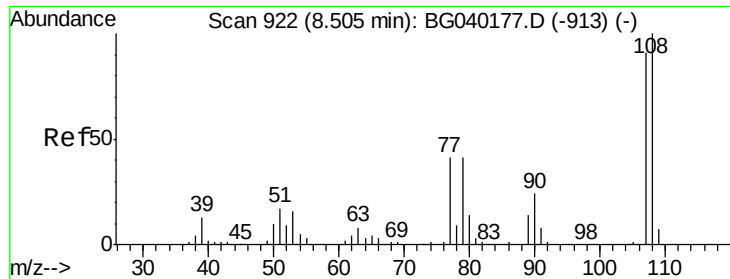
77 10.9 0.0 31.4

79 8.6 0.0 28.3



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: 40.130 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampled :

Tot Ion:107 Resp: 133999

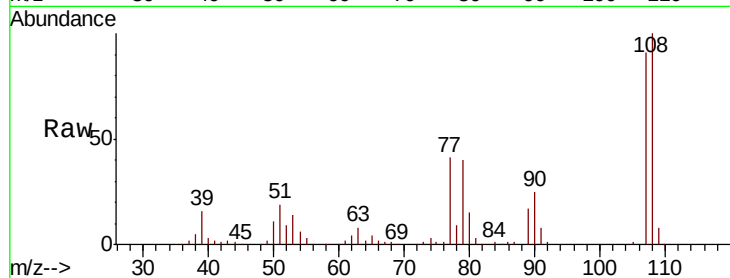
Ion Ratio Lower Upper

107 100

108 109.7 88.2 132.4

77 45.0 36.6 55.0

79 44.2 36.5 54.7

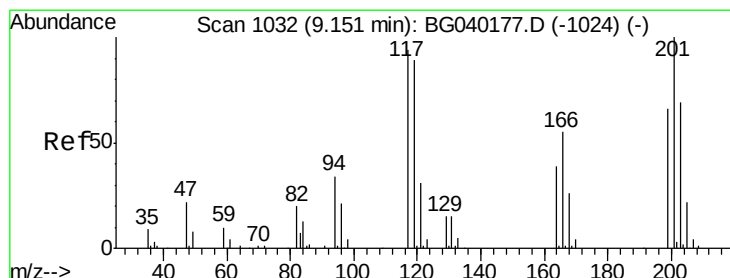
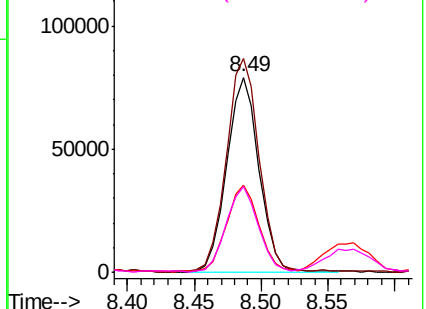
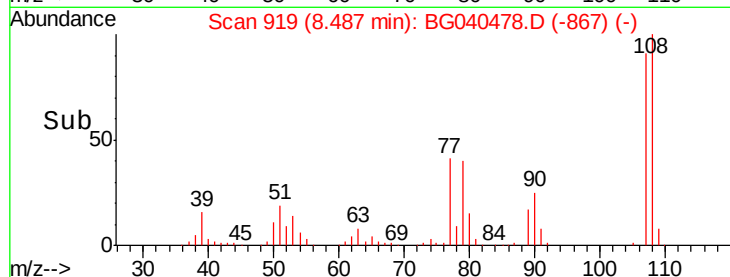


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.678 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

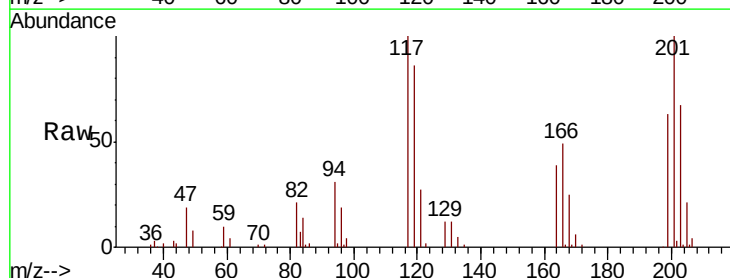
Tgt Ion:117 Resp: 53780

Ion Ratio Lower Upper

117 100

119 86.6 76.6 115.0

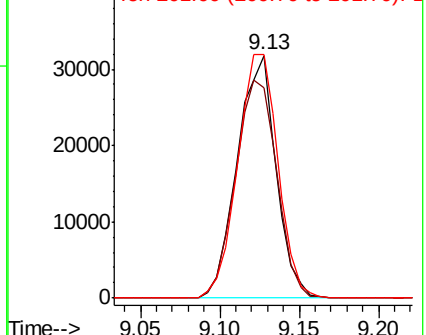
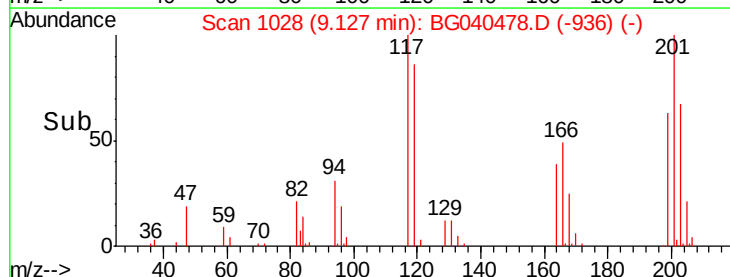
201 103.5 85.0 127.4

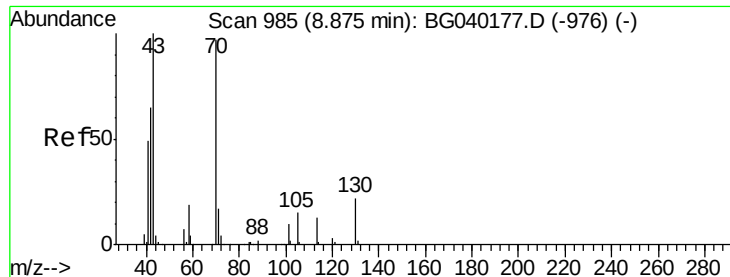


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

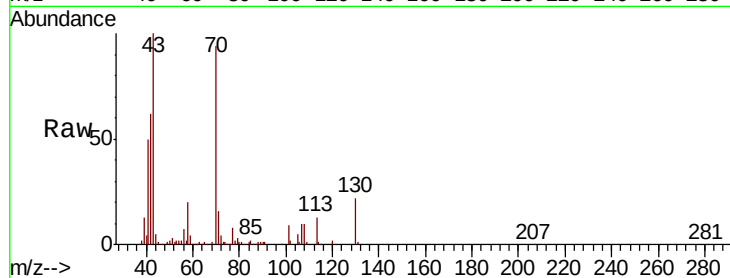




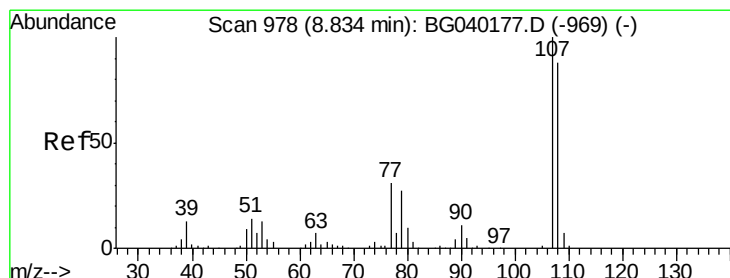
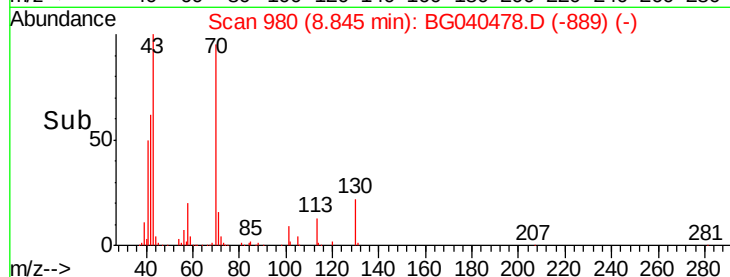
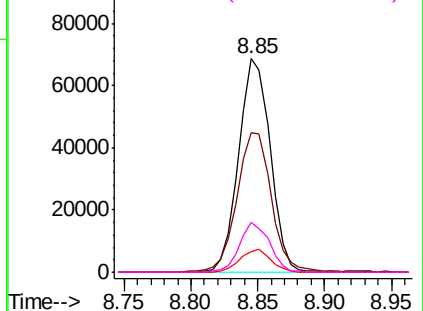
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.317 ng  
RT: 8.85 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Instrument :  
BNA\_G  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 112574 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 65.5  | 54.0  | 81.0   |
| 101      | 9.5   | 8.6   | 13.0   |
| 130      | 23.5  | 18.2  | 27.2   |

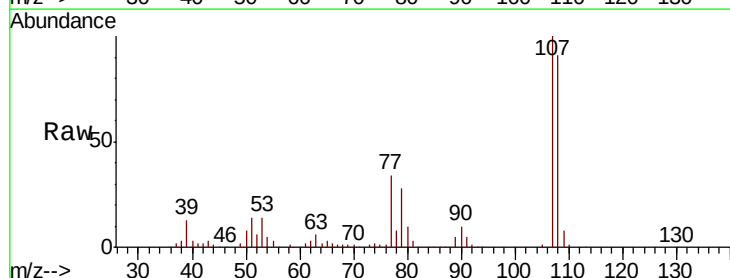


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

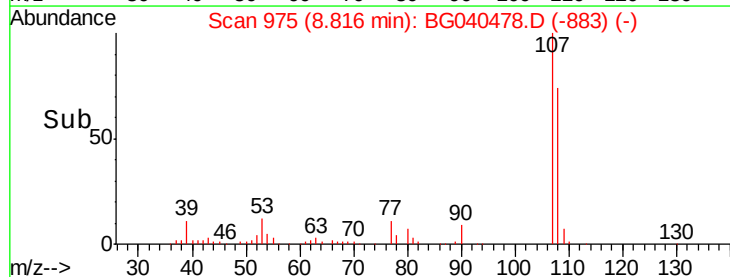
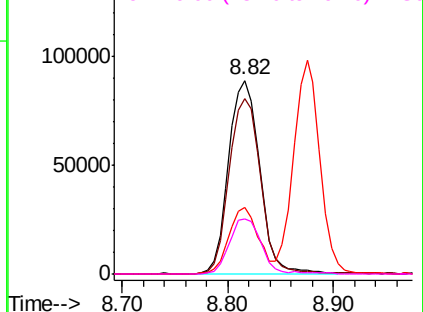


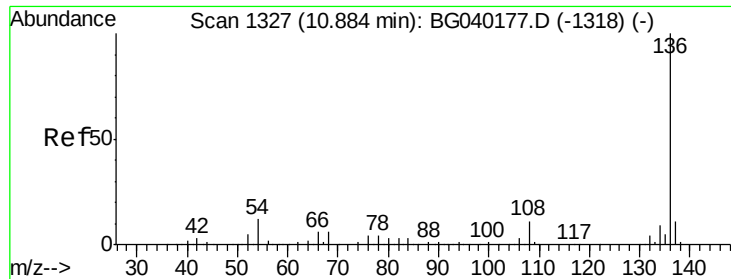
#20  
3+4-Methylphenols  
Concen: 40.277 ng  
RT: 8.82 min Scan# 975  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 182194 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.6  | 68.3  | 108.3  |
| 77       | 34.2  | 11.3  | 51.3   |
| 79       | 28.3  | 7.3   | 47.3   |



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

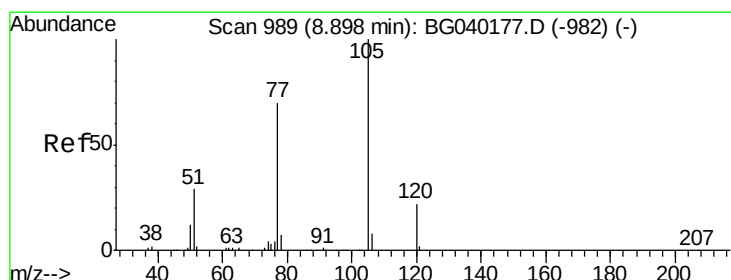
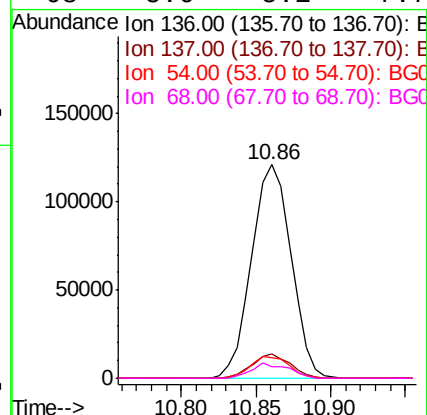
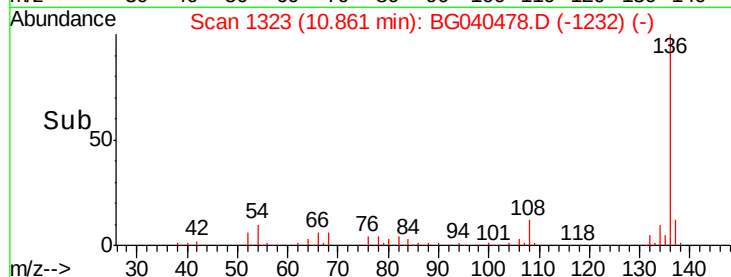
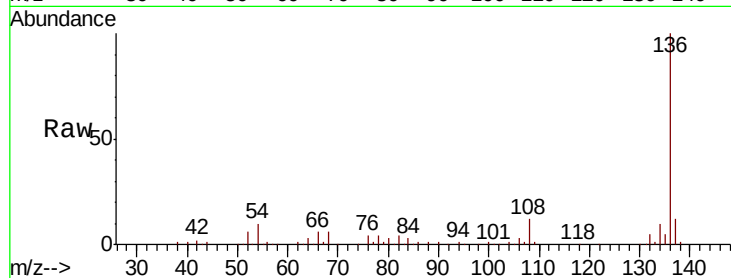




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

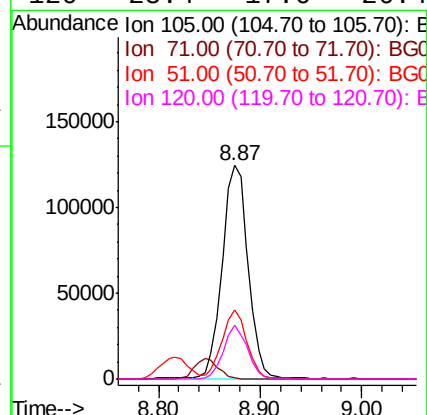
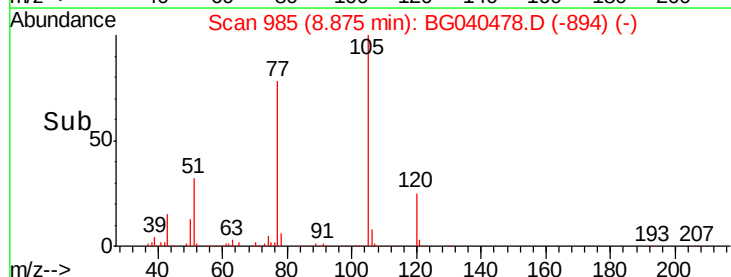
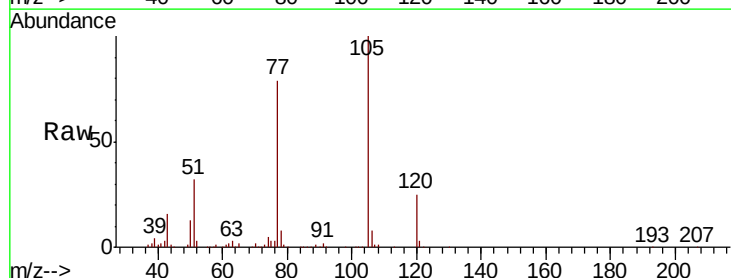
Instrument :  
BNA\_G  
ClientSampleId :

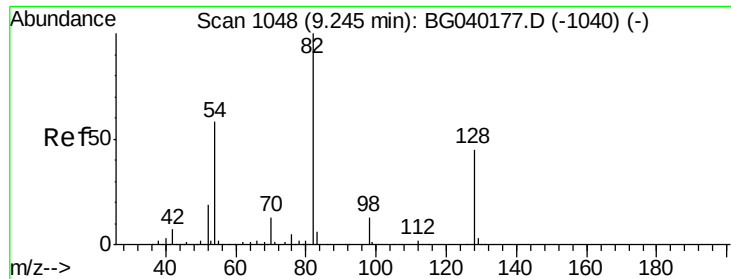
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 222389   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.5  | 8.9 13.3 |
| 54          | 9.8   | 9.6 14.4 |
| 68          | 5.6   | 5.1 7.7  |



#22  
Acetophenone  
Concen: 39.745 ng  
RT: 8.87 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 220486    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.3   | 0.6 1.0#  |
| 51          | 32.5  | 25.1 37.7 |
| 120         | 25.4  | 17.6 26.4 |





#23

Nitrobenzene-d5

Concen: 82.764 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampled :

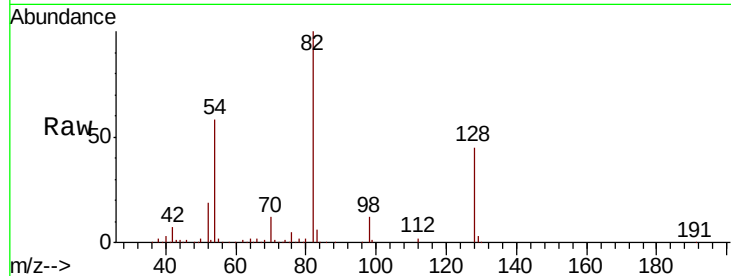
Tot Ion: 82 Resp: 346279

Ion Ratio Lower Upper

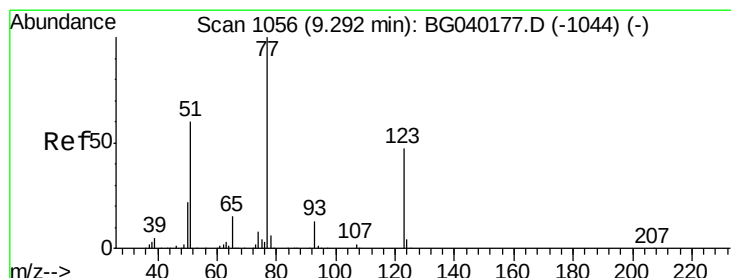
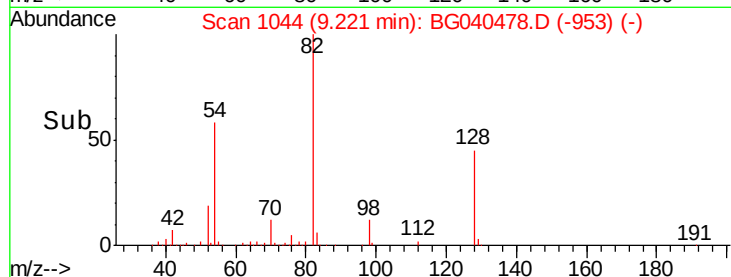
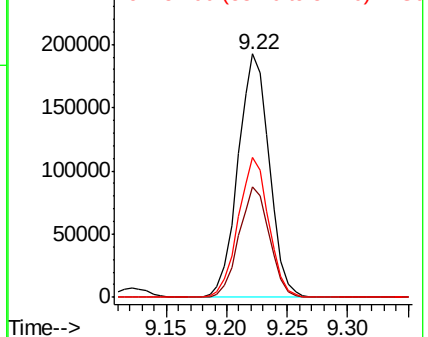
82 100

128 45.4 35.8 53.8

54 57.7 46.2 69.2



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



#24

Nitrobenzene

Concen: 39.214 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

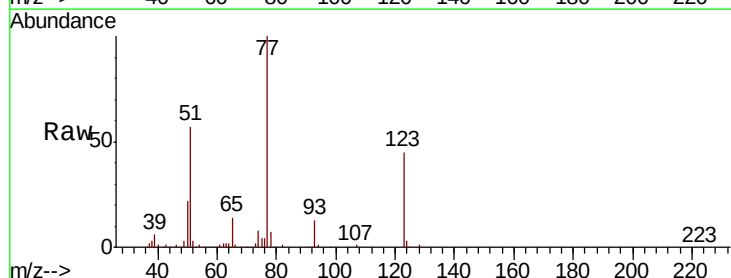
Tgt Ion: 77 Resp: 169897

Ion Ratio Lower Upper

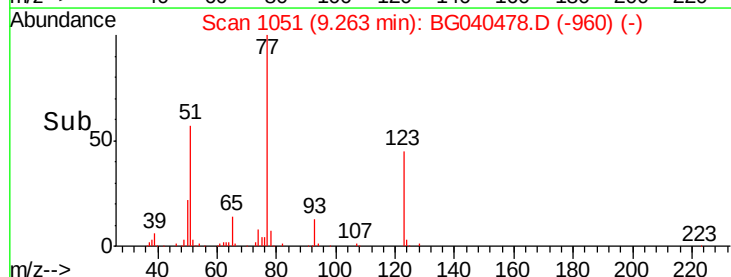
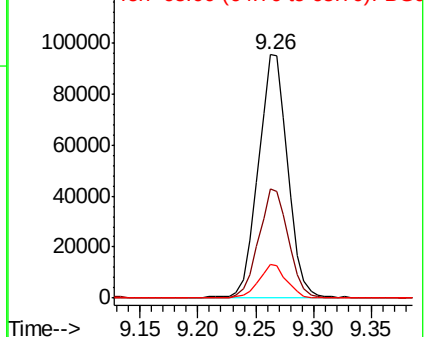
77 100

123 44.8 37.8 56.6

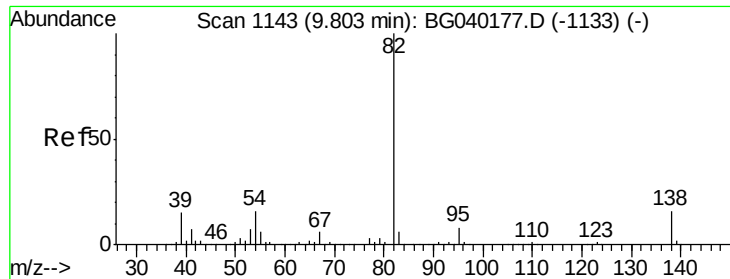
65 13.9 12.0 18.0



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



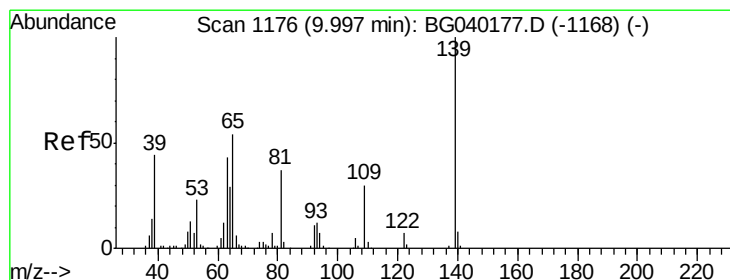
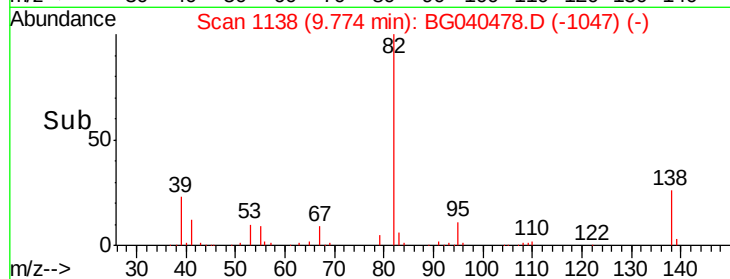
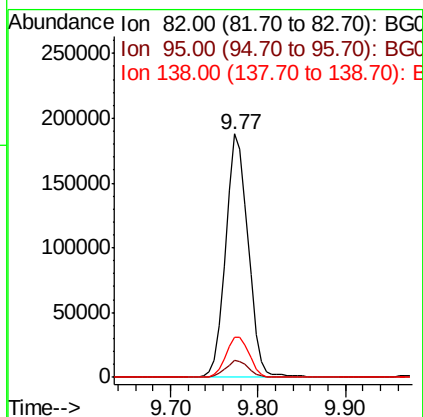
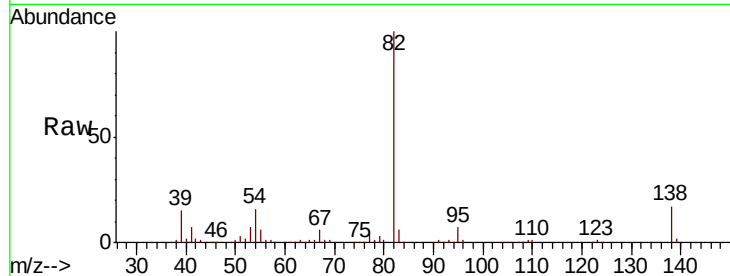




#25  
Isophorone  
Concen: 38.206 ng  
RT: 9.77 min Scan# 1138  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

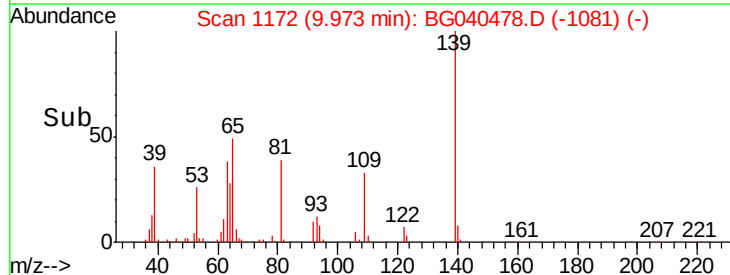
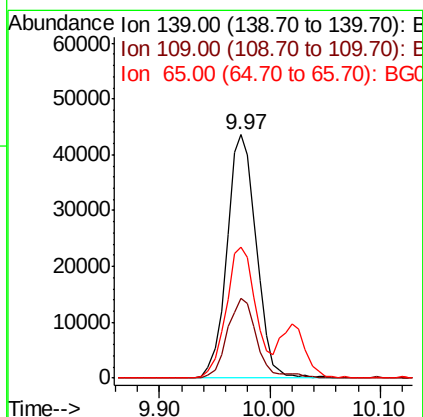
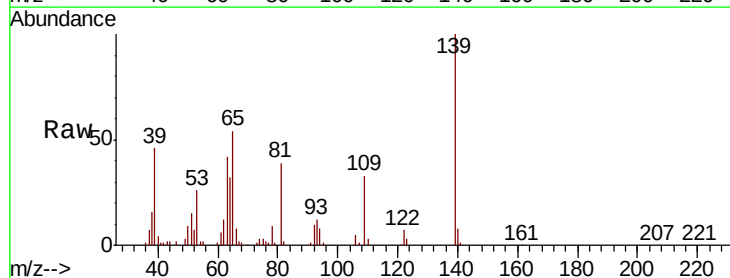
Instrument :  
BNA\_G  
ClientSampleId :

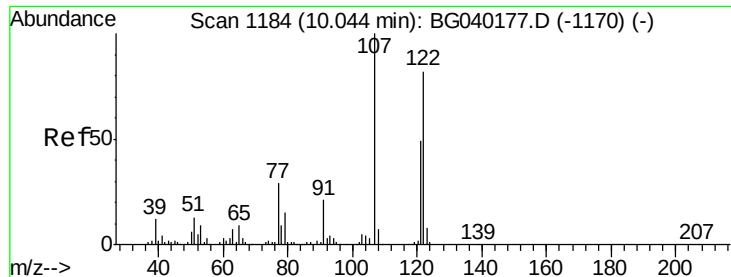
| Tot Ion   | 82   | Resp  | 328901 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 95        | 7.0  | 6.1   | 9.1    |
| 138       | 16.6 | 13.2  | 19.8   |



#26  
2-Nitrophenol  
Concen: 39.319 ng  
RT: 9.97 min Scan# 1172  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

| Tgt Ion   | 139  | Resp  | 80720 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 109       | 32.6 | 24.1  | 36.1  |
| 65        | 53.8 | 43.0  | 64.6  |

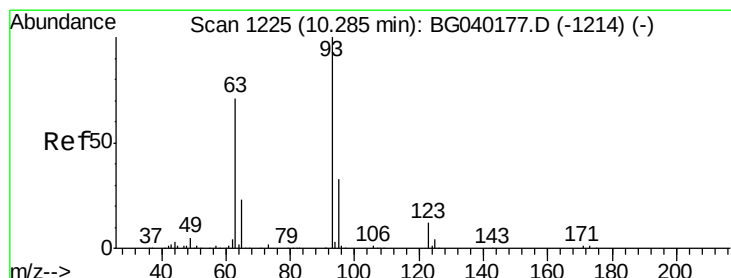
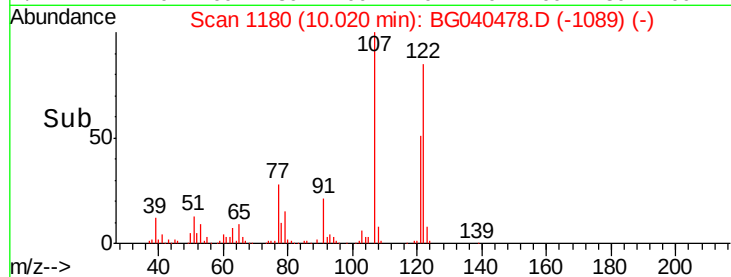
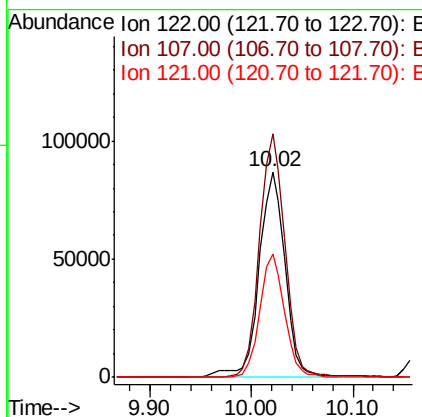
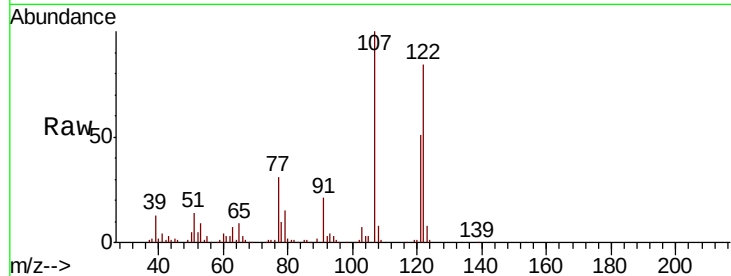




#27  
 2,4-Dimethylphenol  
 Concen: 47.546 ng  
 RT: 10.02 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

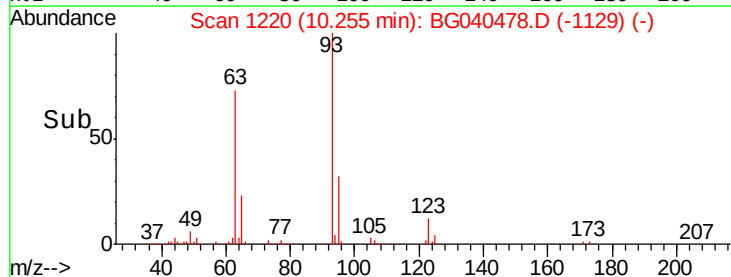
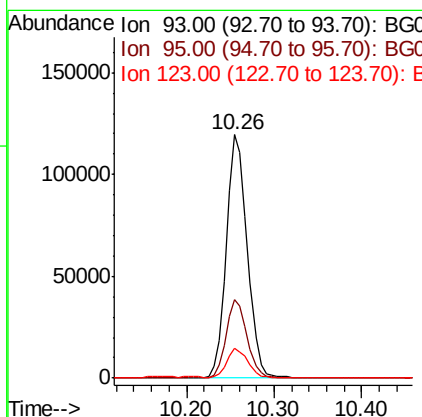
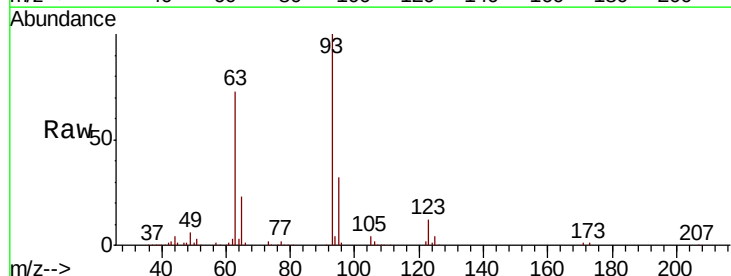
Instrument :  
 BNA\_G  
 ClientSampled :

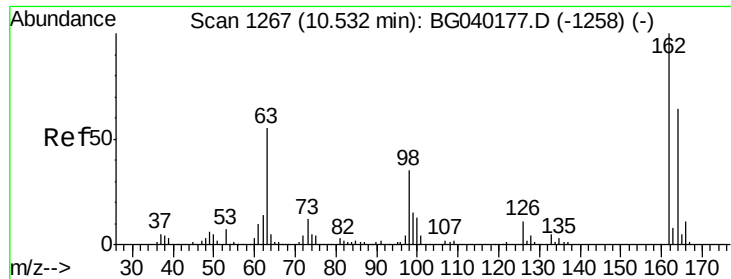
Tot Ion:122 Resp: 155044  
 Ion Ratio Lower Upper  
 122 100  
 107 118.5 97.4 146.2  
 121 60.3 47.7 71.5



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.525 ng  
 RT: 10.26 min Scan# 1220  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

Tgt Ion: 93 Resp: 196212  
 Ion Ratio Lower Upper  
 93 100  
 95 32.1 26.2 39.4  
 123 12.3 9.4 14.0

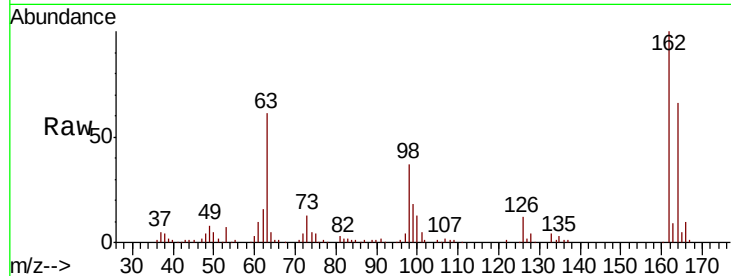




#29  
 2,4-Dichlorophenol  
 Concen: 42.770 ng  
 RT: 10.51 min Scan# 1263  
 Delta R.T. 0.01 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.0  | 43.9  | 83.9  |
| 98      | 36.7  | 15.6  | 55.6  |

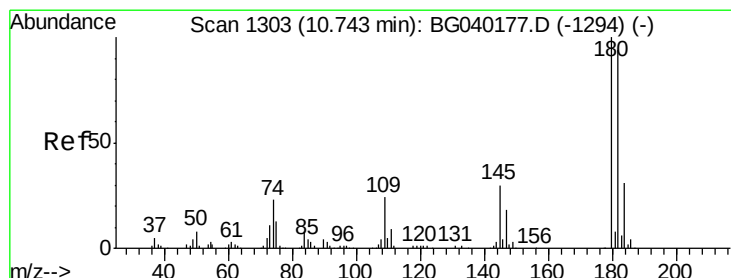
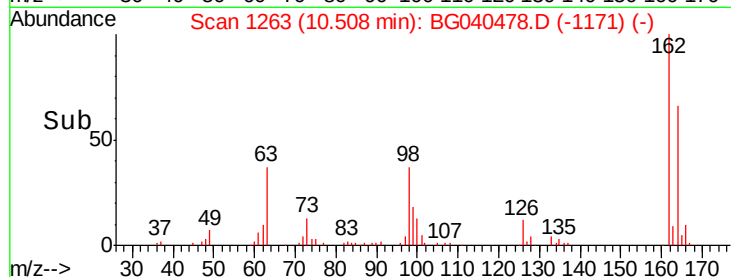
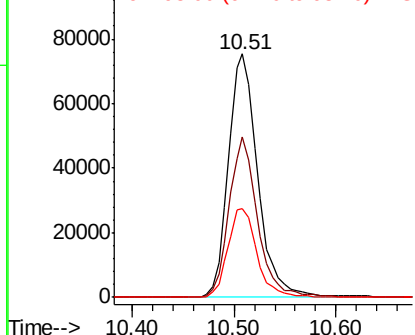


Abundance

Ion 162.00 (161.70 to 162.70): E

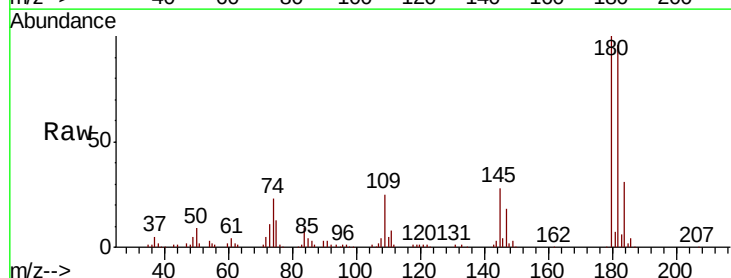
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.325 ng  
 RT: 10.72 min Scan# 1299  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 75.1  | 112.7 |
| 145     | 28.3  | 24.1  | 36.1  |

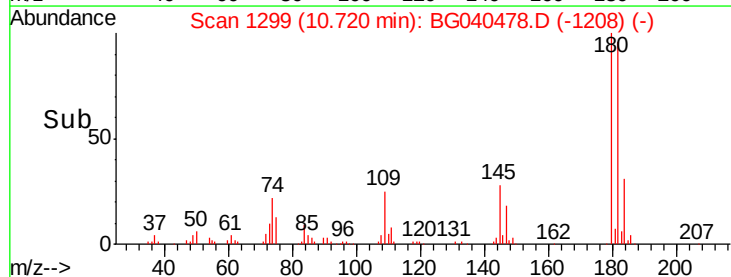
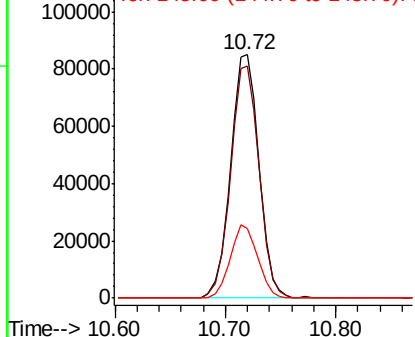


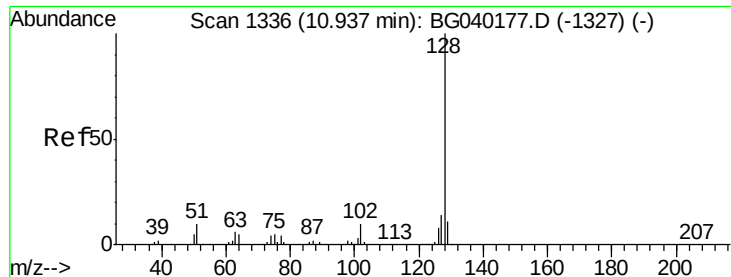
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

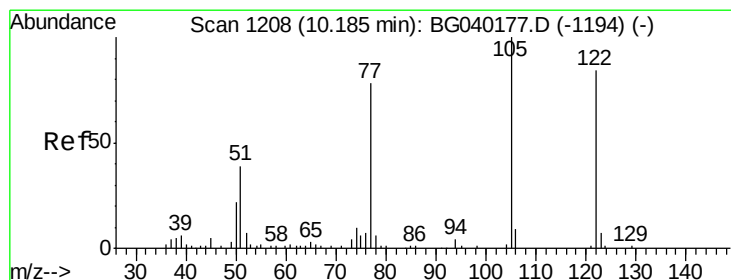
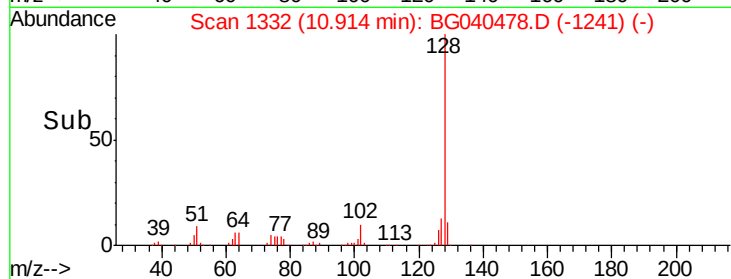
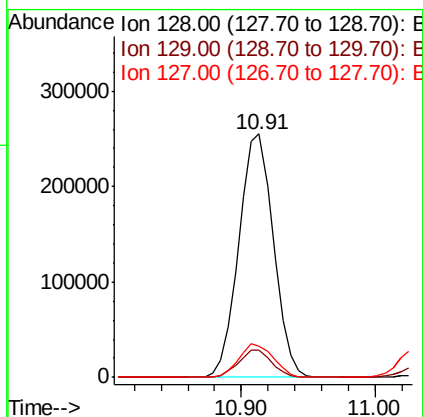
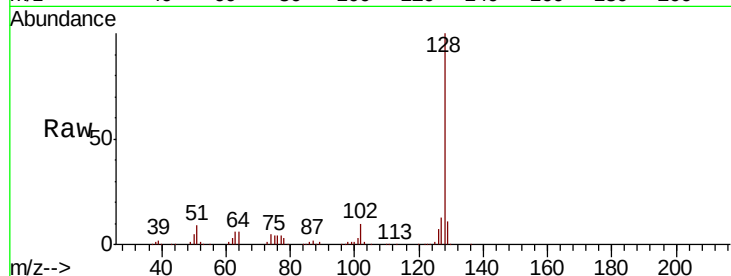




#31  
Naphthalene  
Concen: 40.112 ng  
RT: 10.91 min Scan# 1332  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

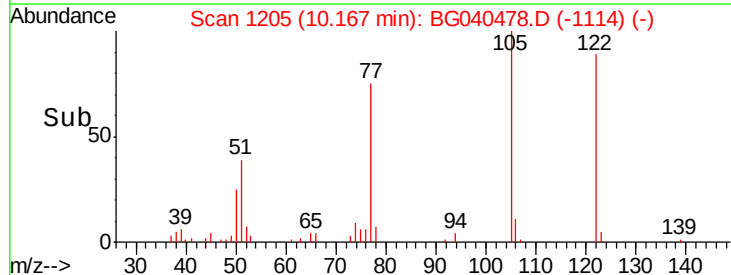
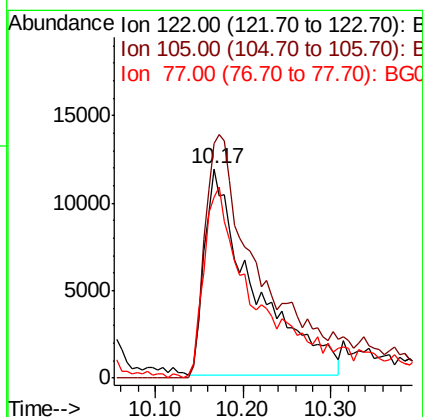
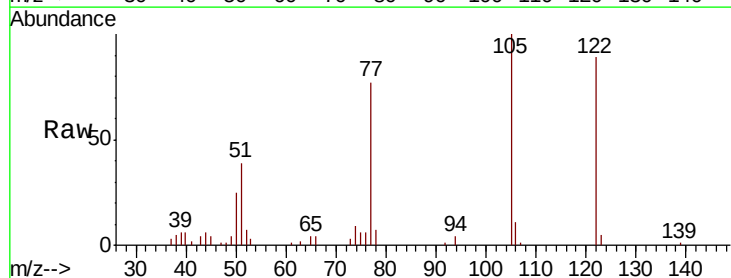
Instrument :  
BNA\_G  
ClientSampleId :

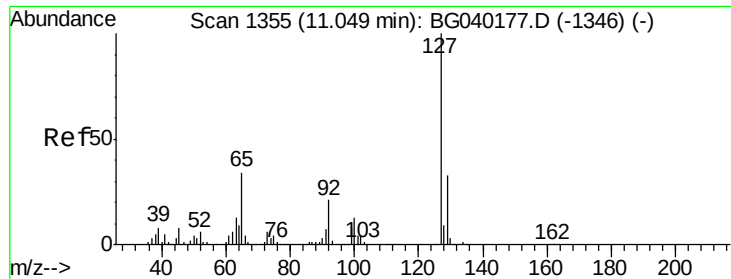
Tot Ion:128 Resp: 457237  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 13.0 11.4 17.0



#32  
Benzoic acid  
Concen: 23.302 ng  
RT: 10.17 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:122 Resp: 45910  
Ion Ratio Lower Upper  
122 100  
105 112.4 98.2 138.2  
77 86.3 73.6 113.6

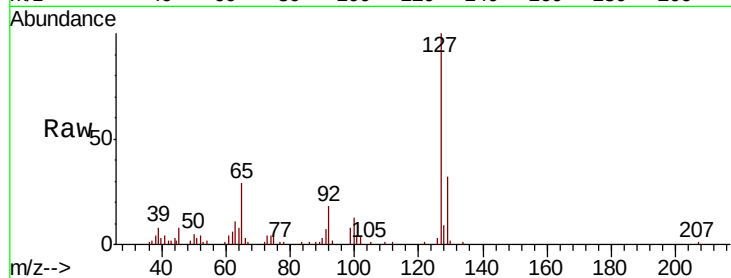




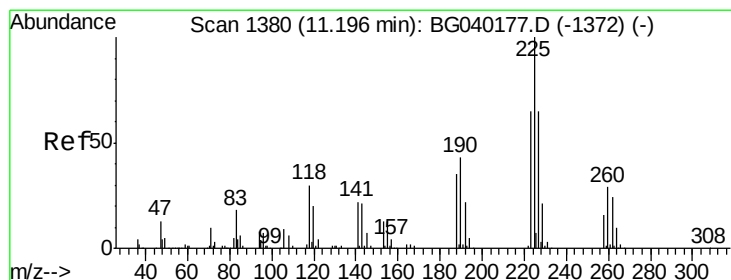
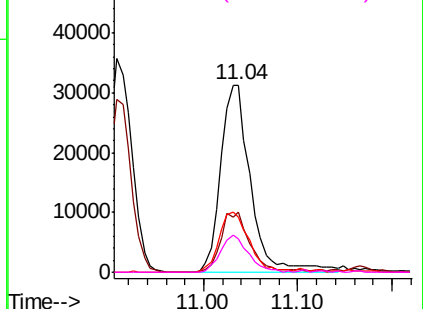
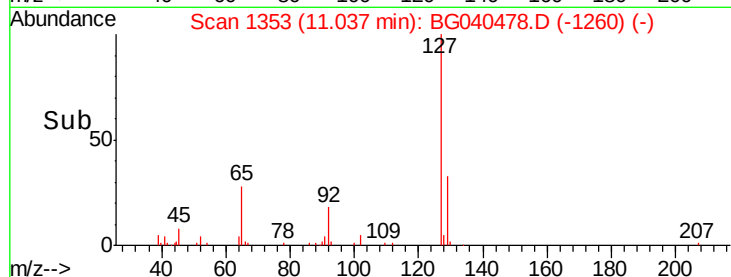
#33  
4-Chloroaniline  
Concen: 14.275 ng  
RT: 11.04 min Scan# 1353  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Instrument :  
BNA\_G  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 69409 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.2  | 26.6  | 40.0  |
| 65       | 29.2  | 27.0  | 40.4  |
| 92       | 17.5  | 16.6  | 25.0  |

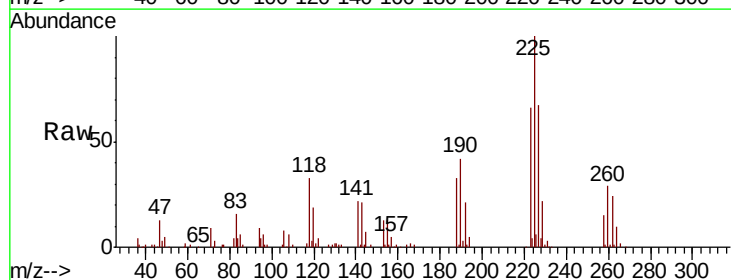


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

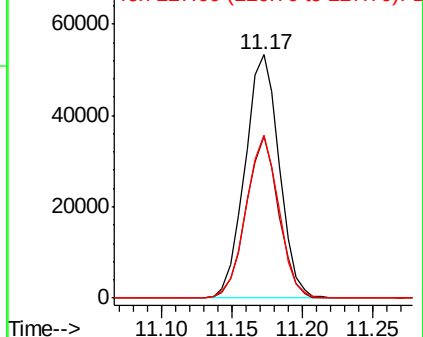
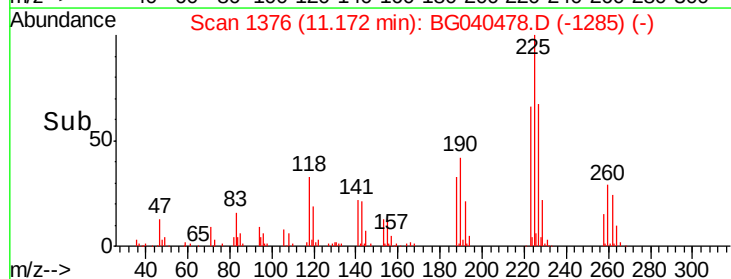


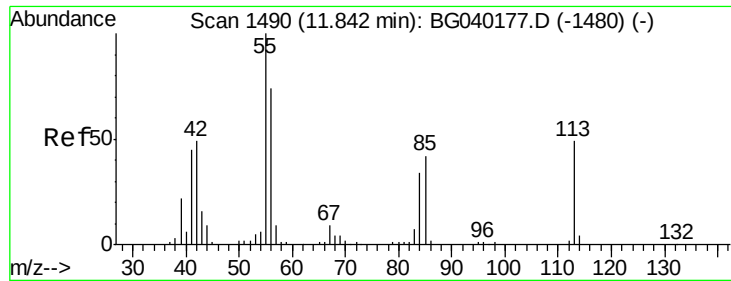
#34  
Hexachlorobutadiene  
Concen: 36.466 ng  
RT: 11.17 min Scan# 1376  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 90640 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 66.4  | 51.8  | 77.8  |
| 227      | 67.2  | 54.9  | 82.3  |



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

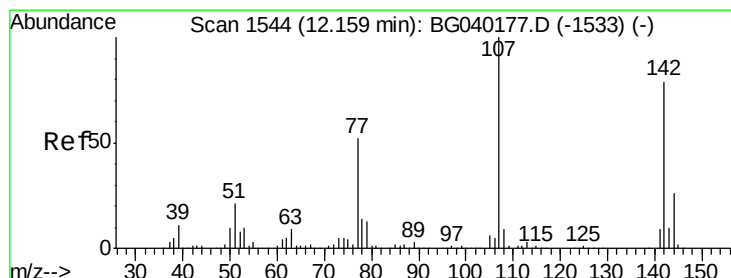
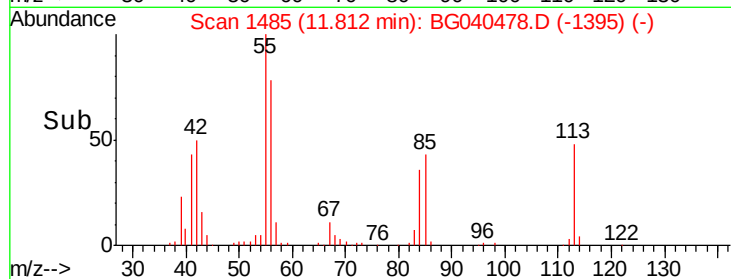
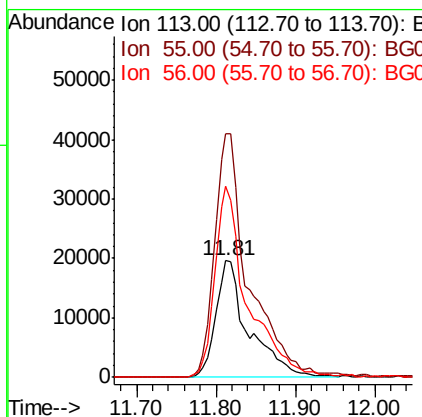
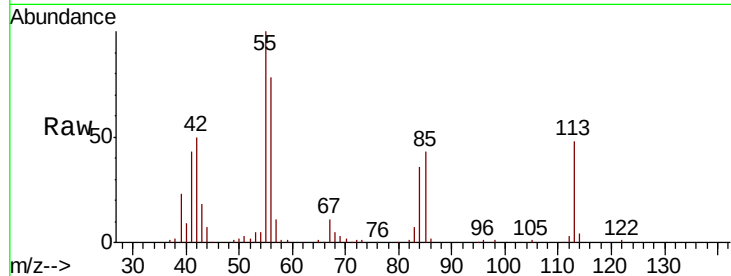




#35  
Caprolactam  
Concen: 40.232 ng  
RT: 11.81 min Scan# 1485  
Delta R.T. -0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

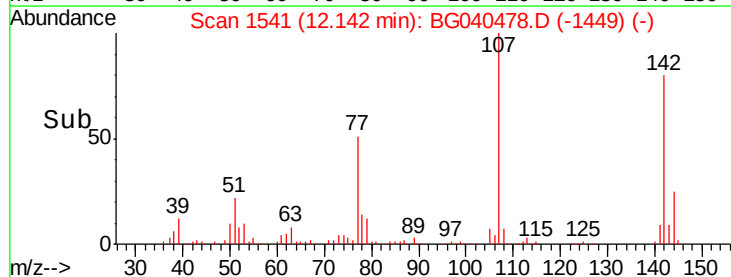
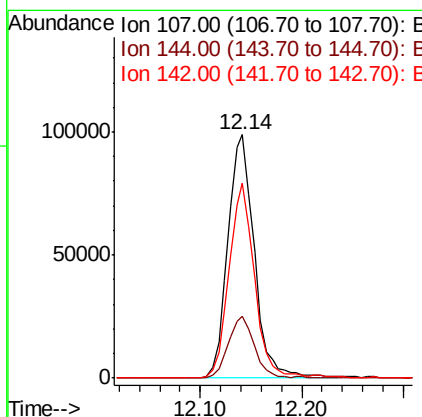
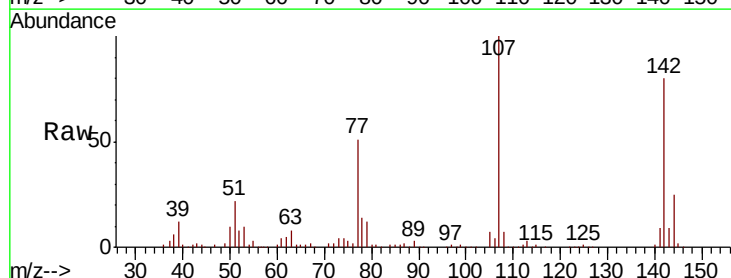
Instrument :  
BNA\_G  
ClientSampleId :

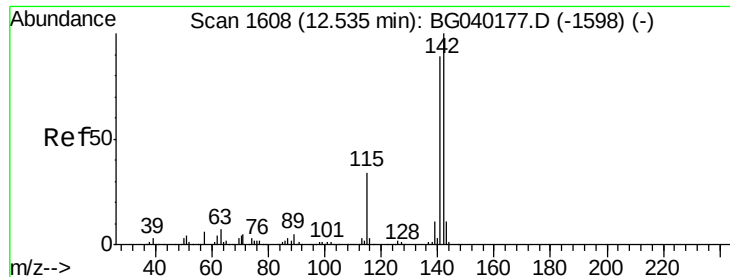
Tot Ion:113 Resp: 56511  
Ion Ratio Lower Upper  
113 100  
55 209.2 184.2 224.2  
56 164.2 131.3 171.3



#36  
4-Chloro-3-methylphenol  
Concen: 43.976 ng  
RT: 12.14 min Scan# 1541  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:107 Resp: 178944  
Ion Ratio Lower Upper  
107 100  
144 25.3 20.5 30.7  
142 80.0 63.1 94.7

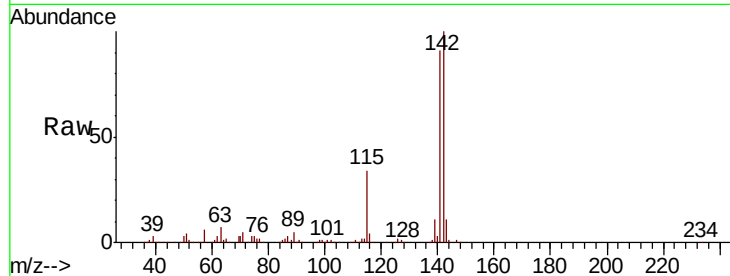




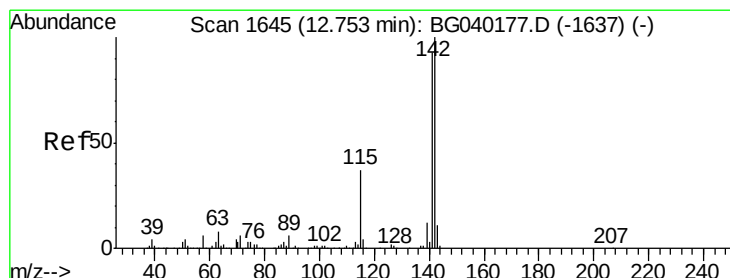
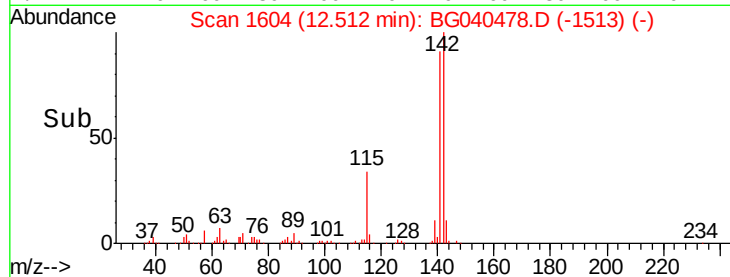
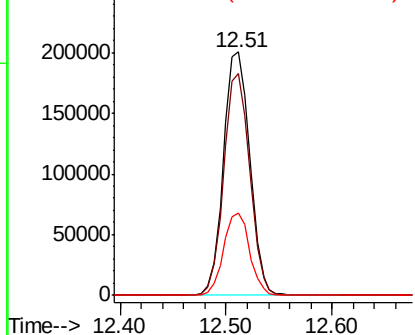
#37  
2-Methylnaphthalene  
Concen: 41.119 ng  
RT: 12.51 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:142 Resp: 346654  
Ion Ratio Lower Upper  
142 100  
141 91.1 71.0 106.6  
115 34.0 27.3 40.9

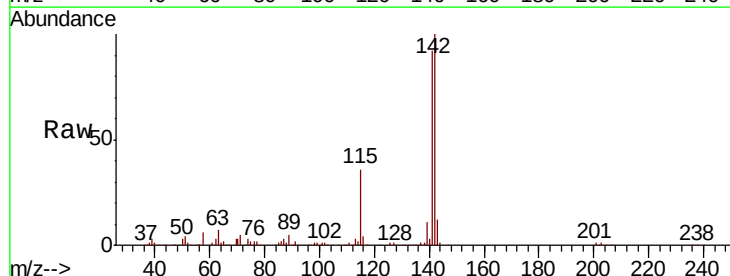


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

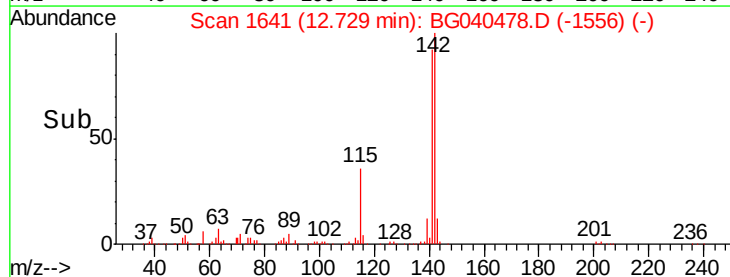
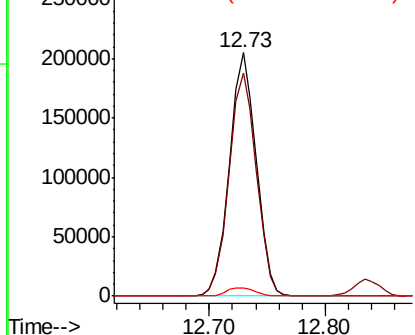


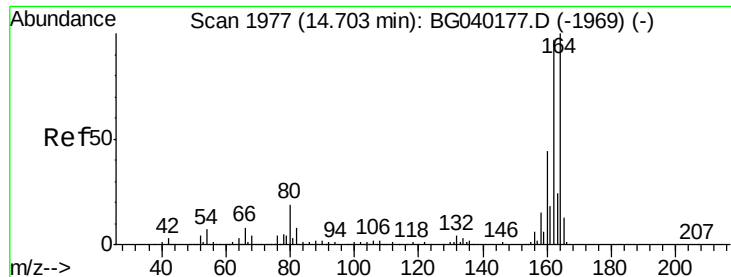
#38  
1-Methylnaphthalene  
Concen: 40.243 ng  
RT: 12.73 min Scan# 1641  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:142 Resp: 328992  
Ion Ratio Lower Upper  
142 100  
141 91.7 74.2 111.4  
116 3.5 3.0 4.4



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: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampleId :

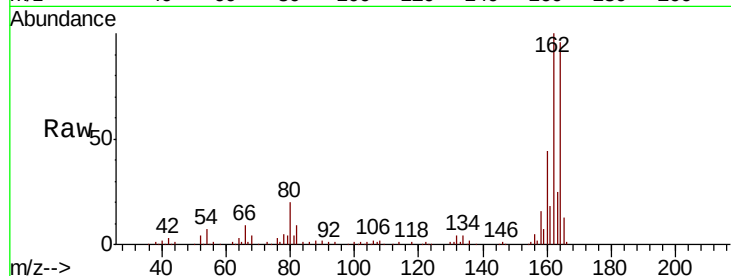
Tot Ion:164 Resp: 144208

Ion Ratio Lower Upper

164 100

162 104.0 77.4 116.2

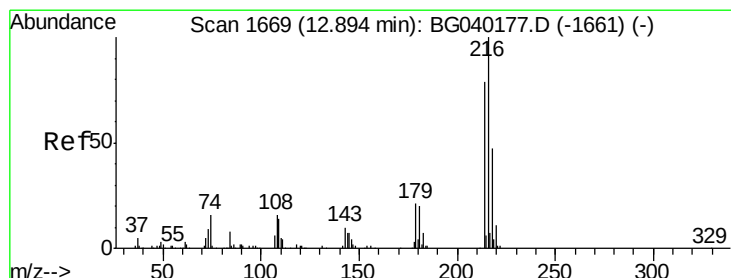
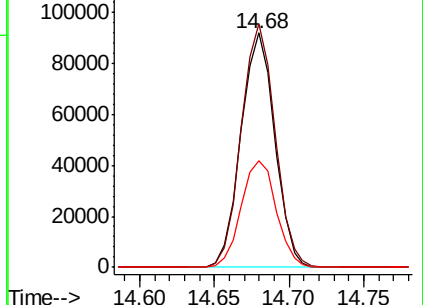
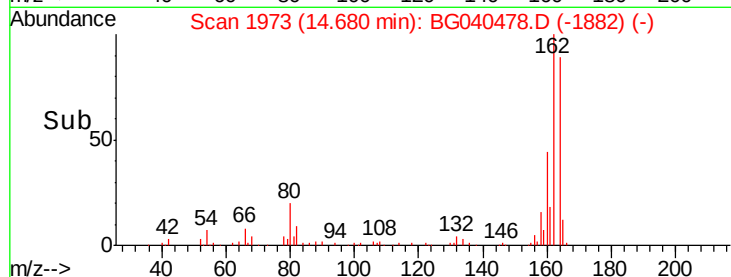
160 45.8 35.3 52.9



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: 38.698 ng

RT: 12.87 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Tgt Ion:216 Resp: 177368

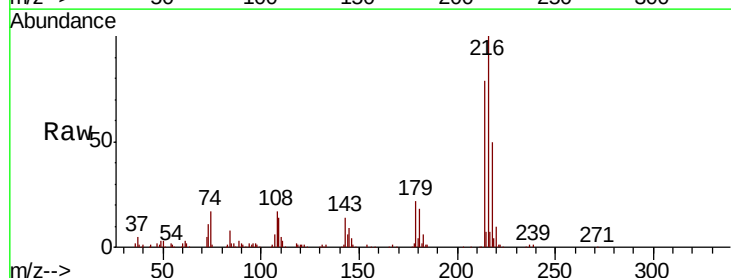
Ion Ratio Lower Upper

216 100

214 78.6 63.5 95.3

179 20.4 16.6 25.0

108 19.4 13.8 20.8

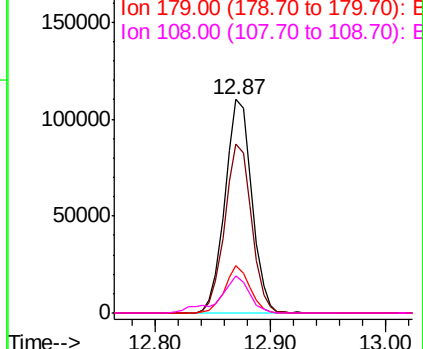
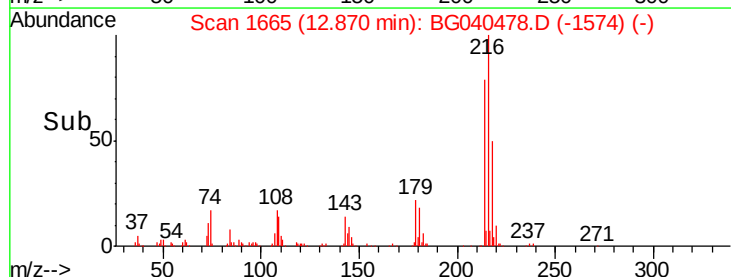


Abundance Ion 216.00 (215.70 to 216.70): E

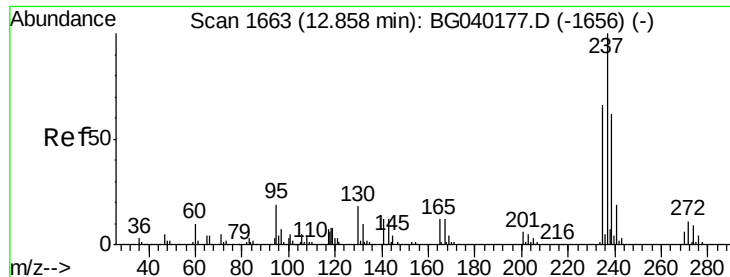
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



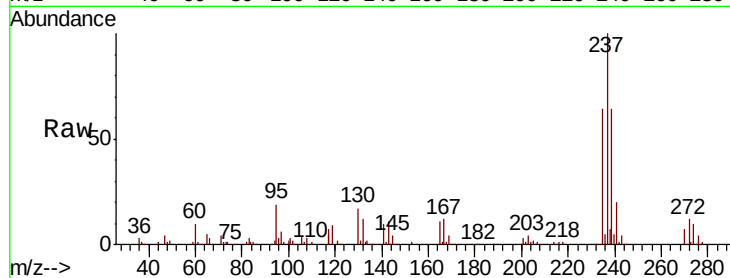




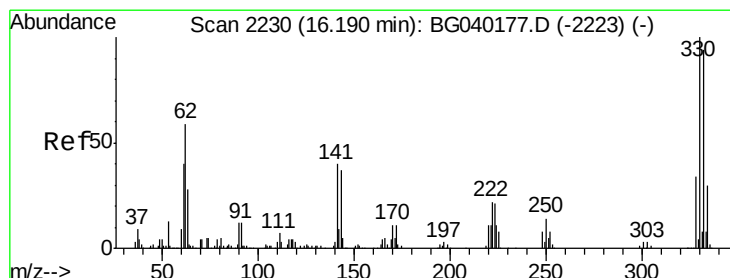
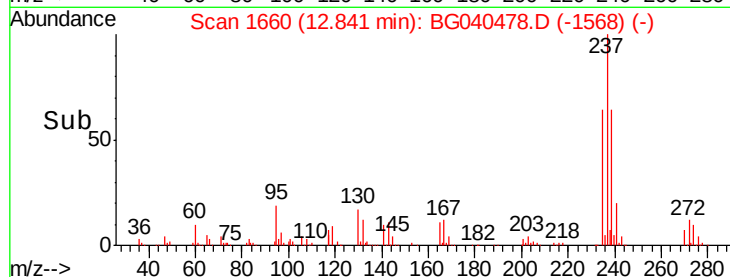
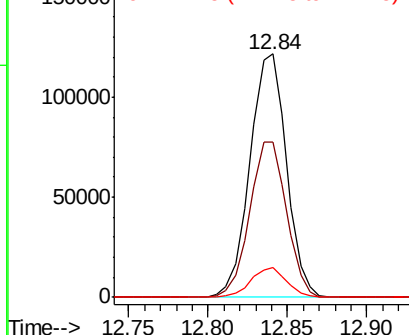
#41  
Hexachlorocyclopentadiene  
Concen: 77.334 ng  
RT: 12.84 min Scan# 1660  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 63.6  | 46.2  | 86.2  |
| 272     | 12.5  | 0.0   | 30.5  |

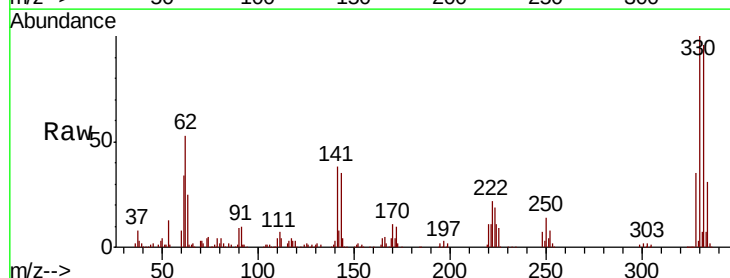


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

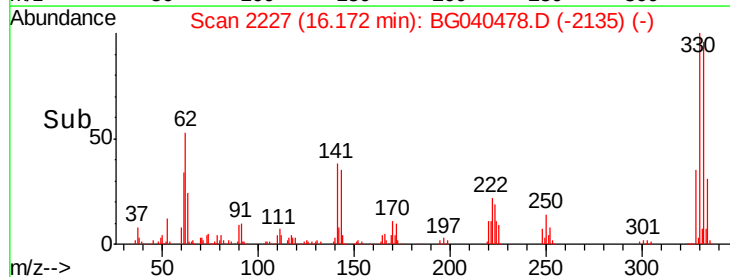
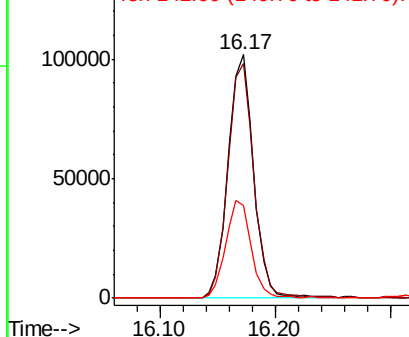


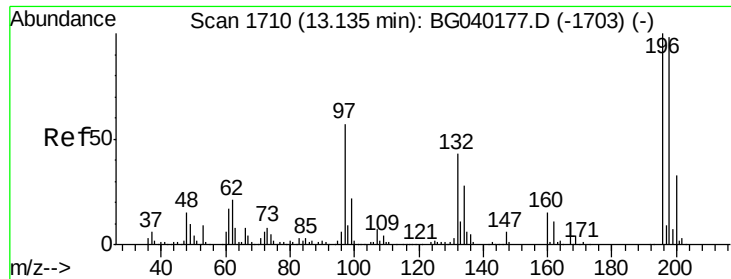
#42  
2,4,6-Tribromophenol  
Concen: 100.024 ng  
RT: 16.17 min Scan# 2227  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.4  | 76.6  | 115.0 |
| 141     | 39.9  | 32.6  | 48.8  |



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

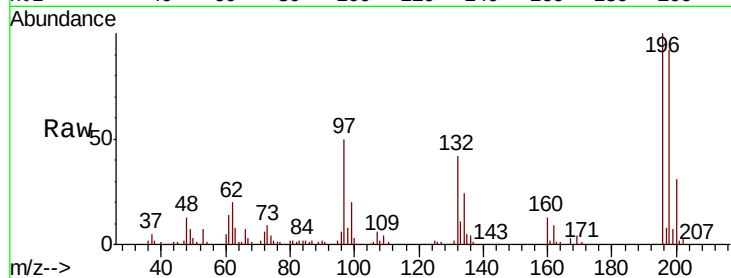




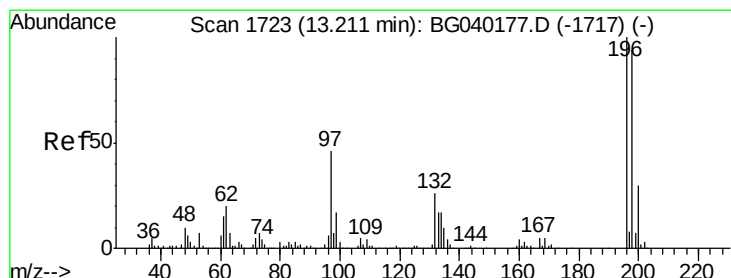
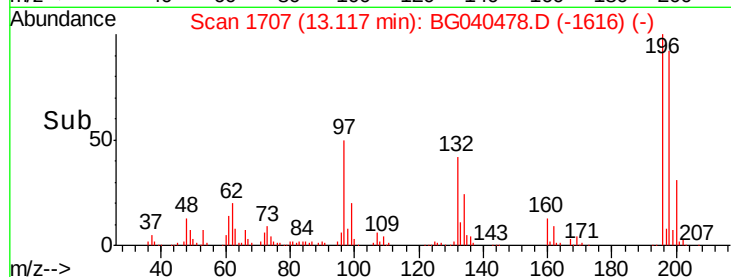
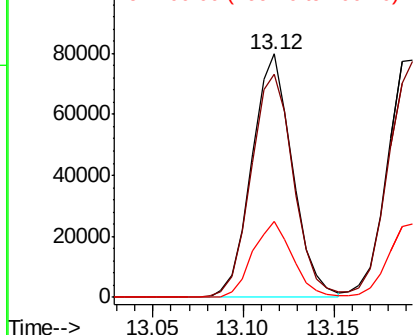
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.146 ng  
 RT: 13.12 min Scan# 1707  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:196 Resp: 124546  
 Ion Ratio Lower Upper  
 196 100  
 198 91.6 78.3 117.5  
 200 31.4 26.0 39.0

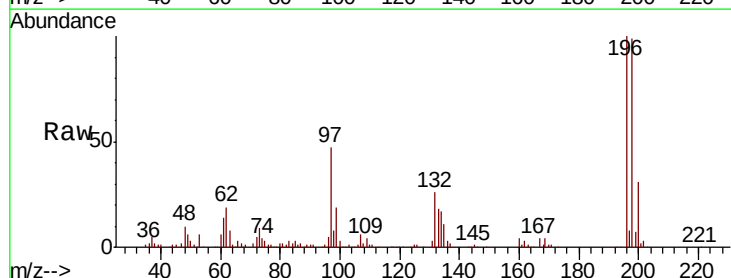


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

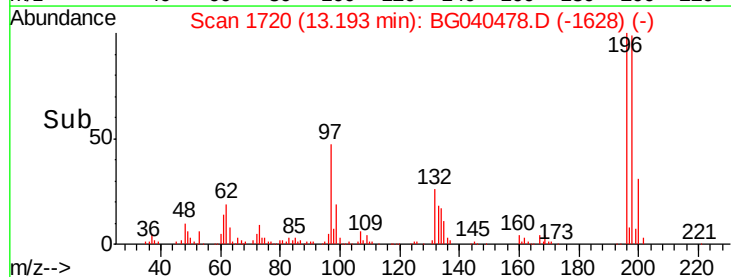
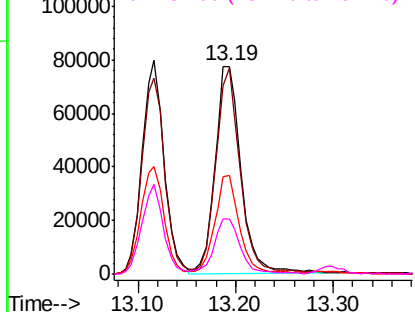


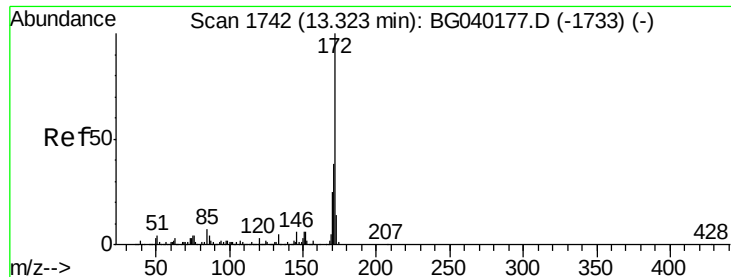
#44  
 2,4,5-Trichlorophenol  
 Concen: 43.830 ng  
 RT: 13.19 min Scan# 1720  
 Delta R.T. 0.01 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

Tgt Ion:196 Resp: 141174  
 Ion Ratio Lower Upper  
 196 100  
 198 99.5 75.0 112.6  
 97 47.3 37.3 55.9  
 132 26.3 20.9 31.3



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

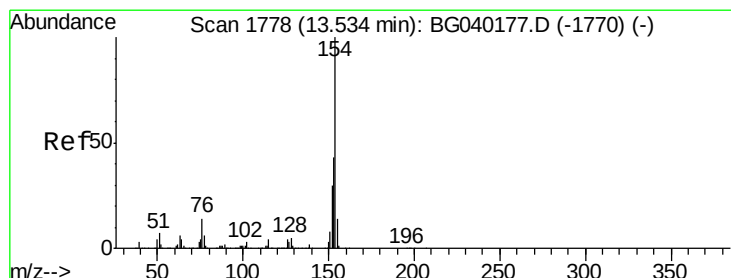
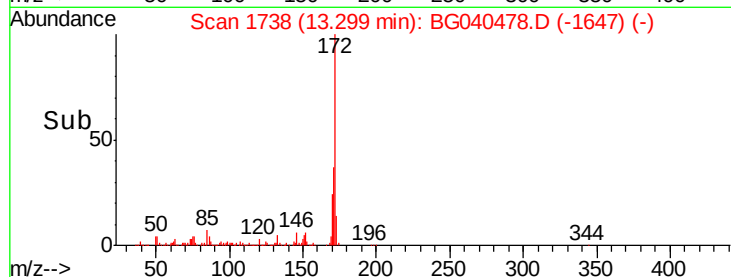
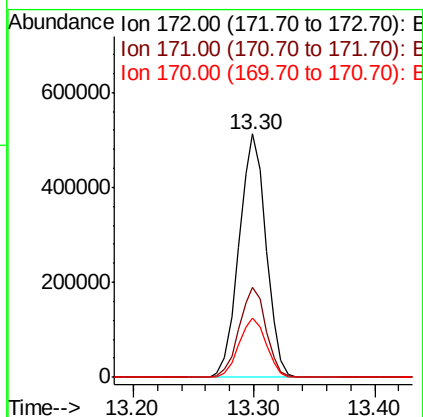
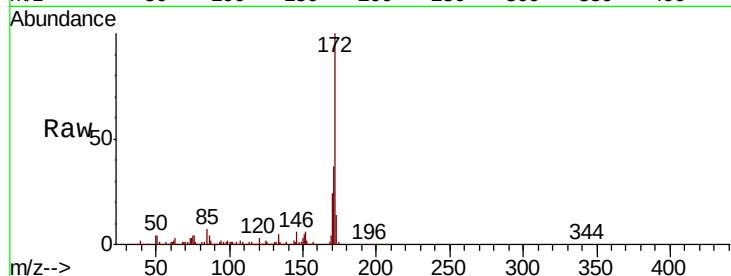




#45  
2-Fluorobiphenyl  
Concen: 82.120 ng  
RT: 13.30 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

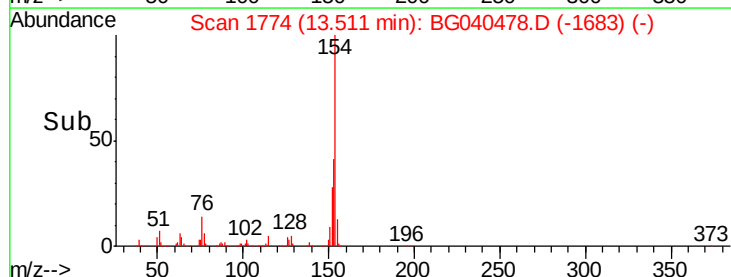
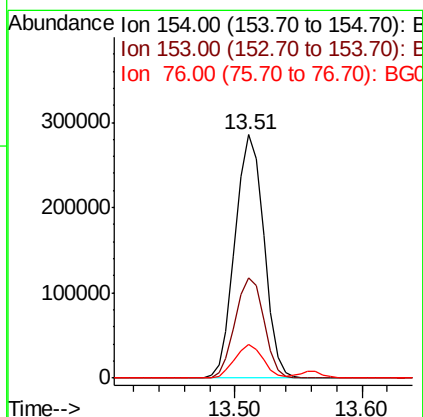
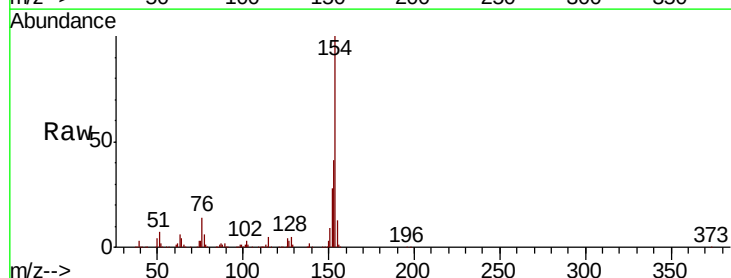
Instrument :  
BNA\_G  
ClientSampleId :

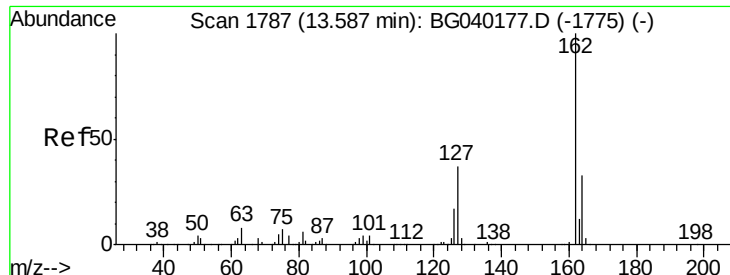
Tot Ion:172 Resp: 799203  
Ion Ratio Lower Upper  
172 100  
171 37.2 30.5 45.7  
170 24.3 20.1 30.1



#46  
1,1'-Biphenyl  
Concen: 39.399 ng  
RT: 13.51 min Scan# 1774  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:154 Resp: 448927  
Ion Ratio Lower Upper  
154 100  
153 41.2 22.5 62.5  
76 14.0 0.0 33.7

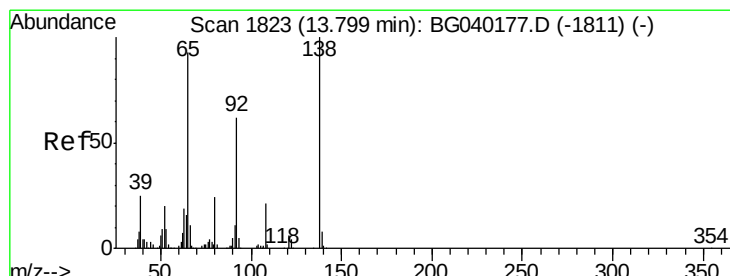
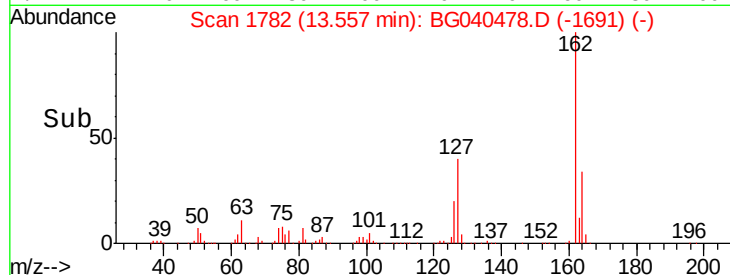
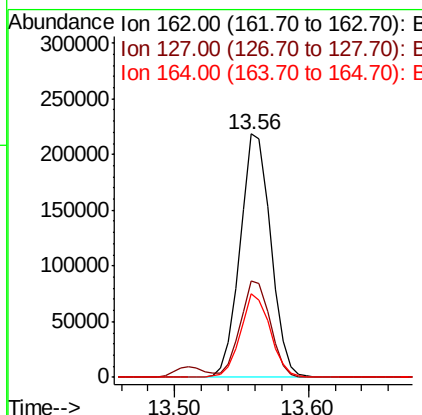
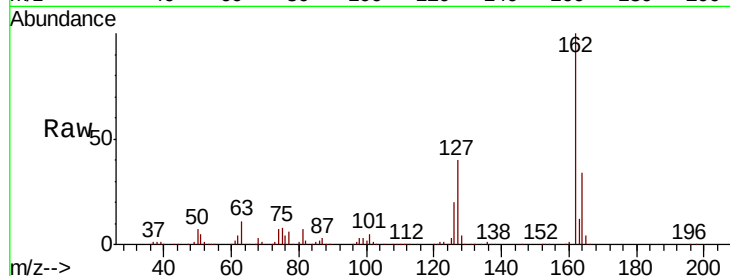




#47  
 2-Chloronaphthalene  
 Concen: 39.675 ng  
 RT: 13.56 min Scan# 1782  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

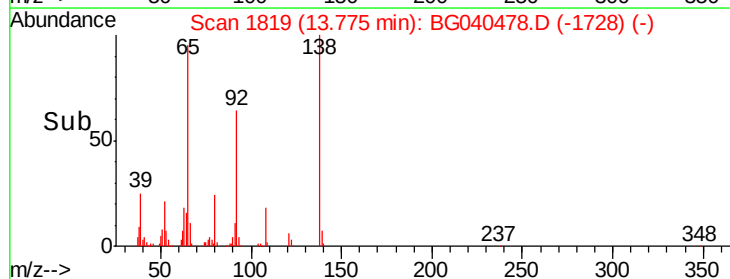
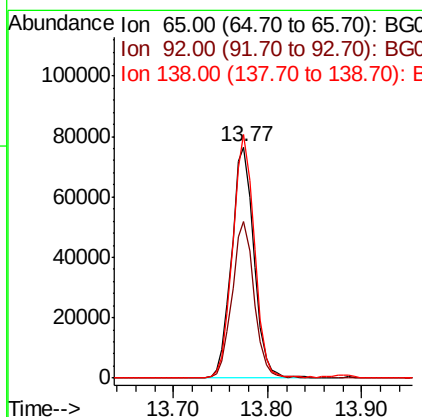
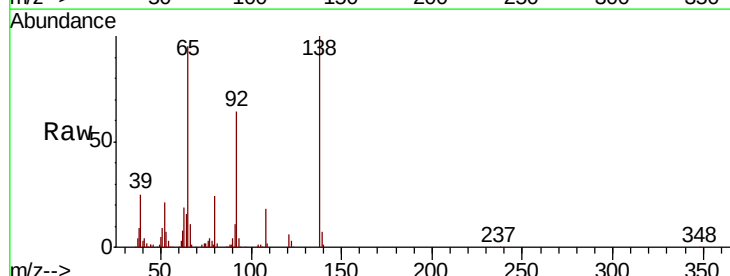
Instrument :  
 BNA\_G  
 ClientSampled :

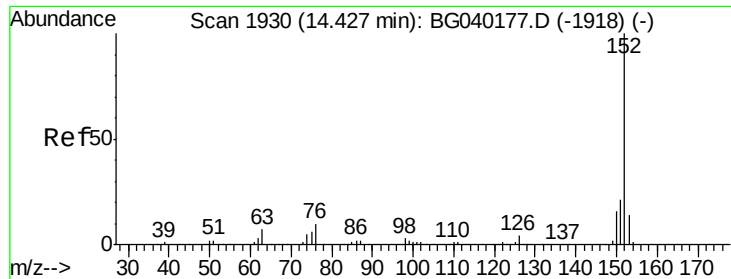
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.8  | 30.6  | 45.8  |
| 164     | 34.3  | 26.2  | 39.4  |



#48  
 2-Nitroaniline  
 Concen: 43.041 ng  
 RT: 13.77 min Scan# 1819  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.8  | 53.8  | 80.6  |
| 138     | 105.2 | 86.3  | 129.5 |





#49

Acenaphthylene

Concen: 40.160 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampleId :

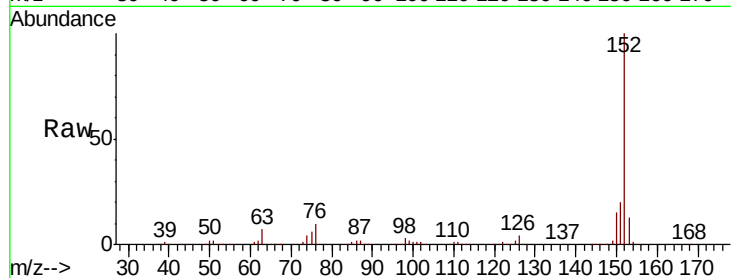
Tot Ion:152 Resp: 595122

Ion Ratio Lower Upper

152 100

151 19.9 17.0 25.6

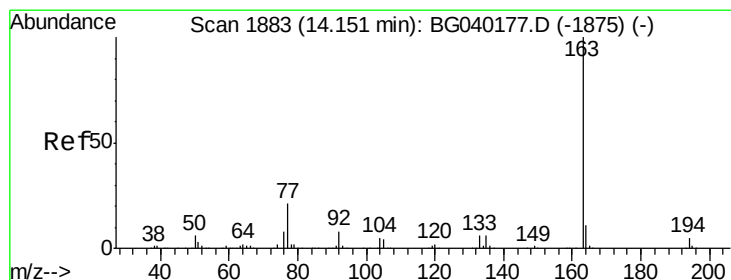
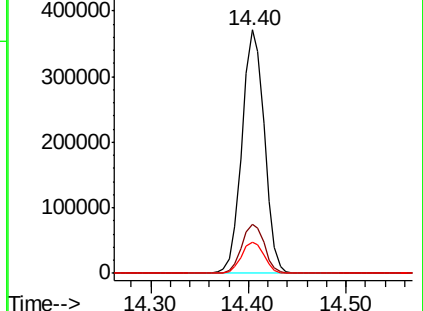
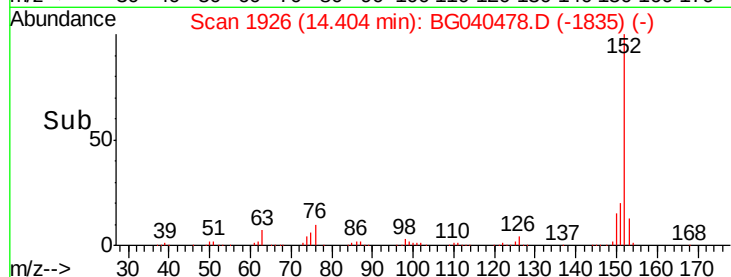
153 12.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.399 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

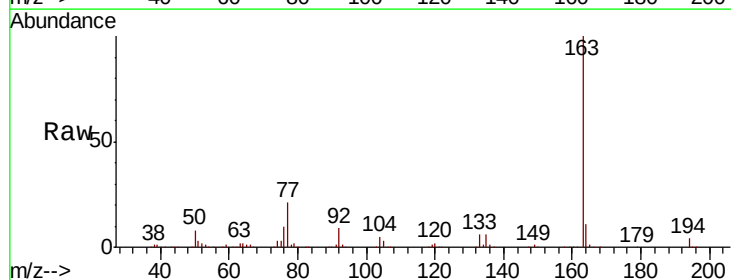
Tgt Ion:163 Resp: 467241

Ion Ratio Lower Upper

163 100

194 4.5 4.1 6.1

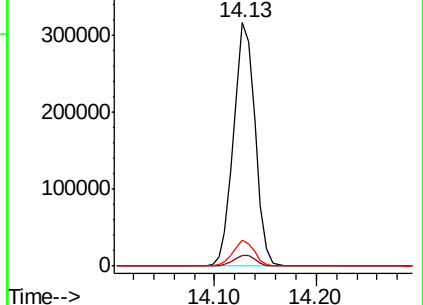
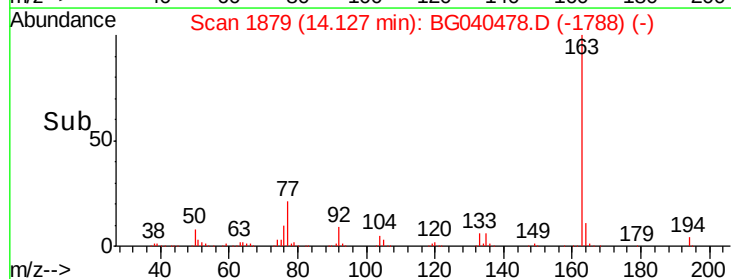
164 10.8 8.6 13.0

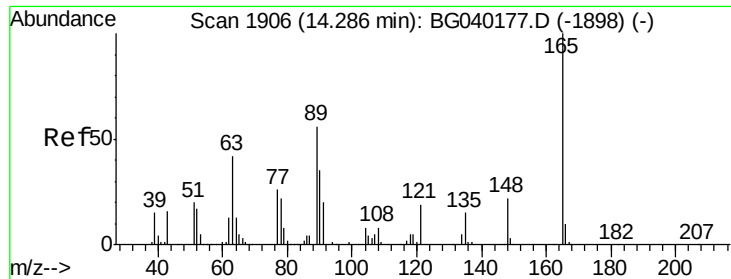


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

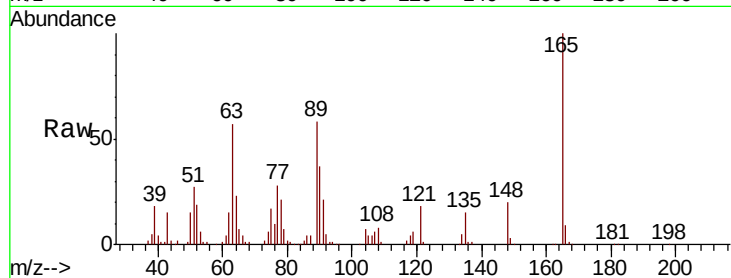




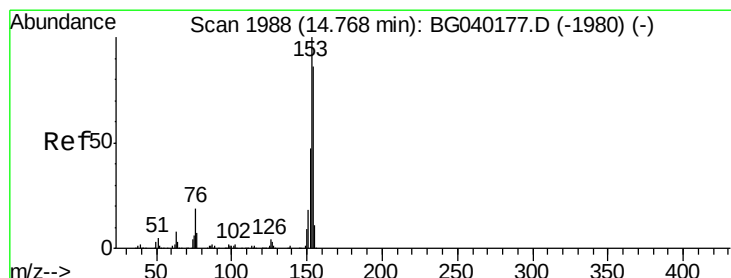
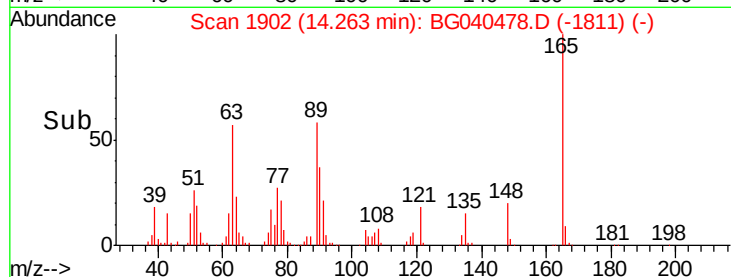
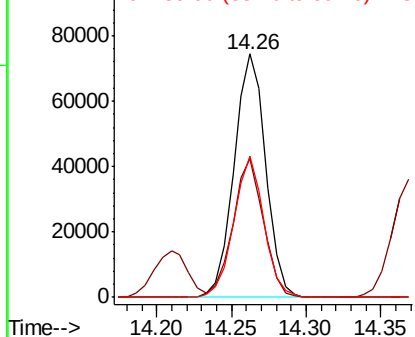
#51  
2,6-Dinitrotoluene  
Concen: 43.201 ng  
RT: 14.26 min Scan# 1902  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:165 Resp: 109478  
Ion Ratio Lower Upper  
165 100  
63 57.1 44.1 66.1  
89 58.1 44.9 67.3

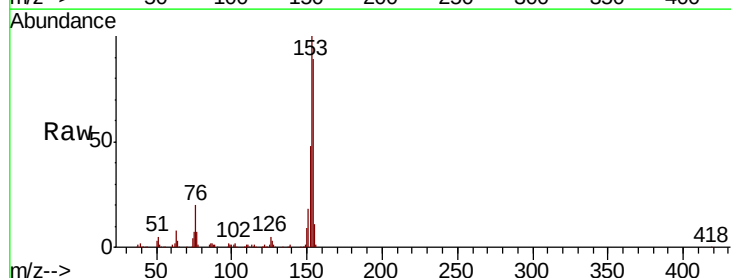


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG

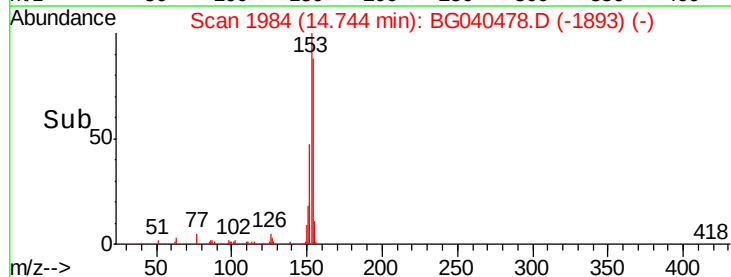
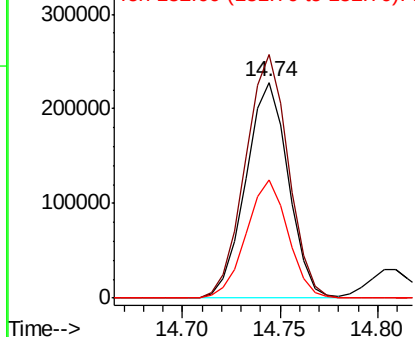


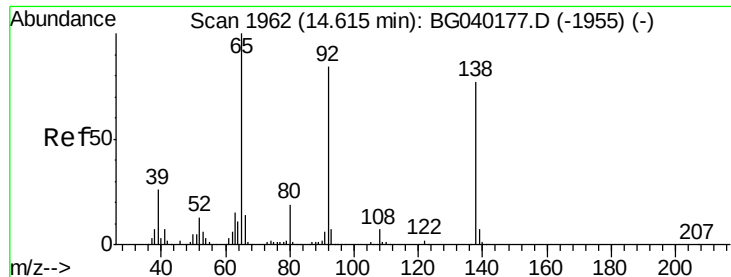
#52  
Acenaphthene  
Concen: 40.557 ng  
RT: 14.74 min Scan# 1984  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:154 Resp: 344387  
Ion Ratio Lower Upper  
154 100  
153 113.0 92.8 139.2  
152 54.6 43.4 65.2



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





#53

3-Nitroaniline

Concen: 18.592 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampled :

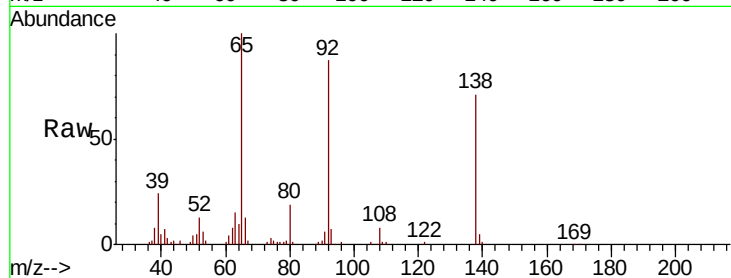
Tot Ion:138 Resp: 49872

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.8

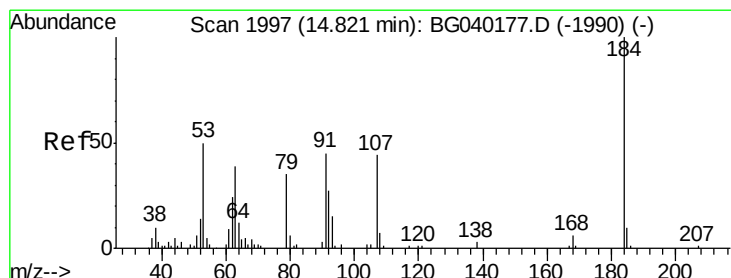
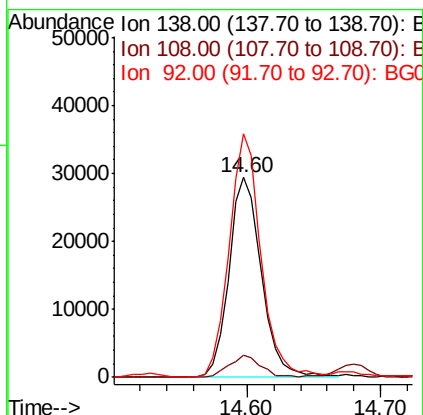
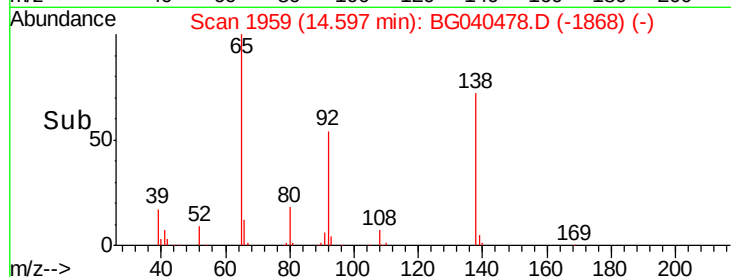
92 121.8 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 70.015 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

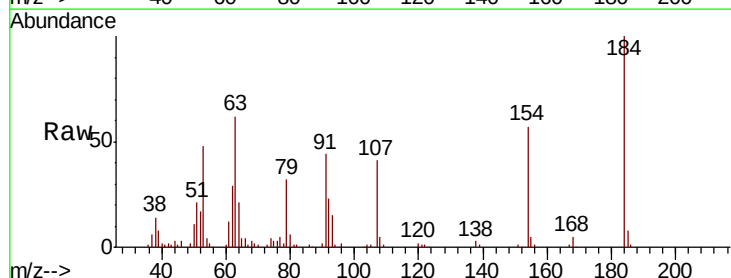
Tgt Ion:184 Resp: 94362

Ion Ratio Lower Upper

184 100

63 62.3 51.8 77.8

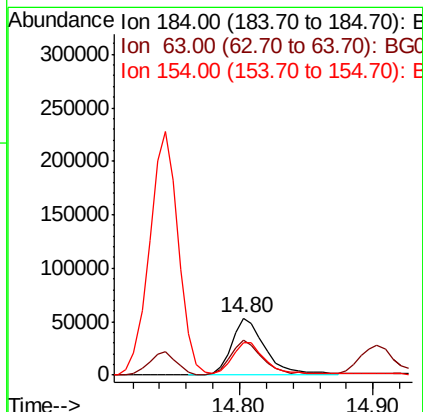
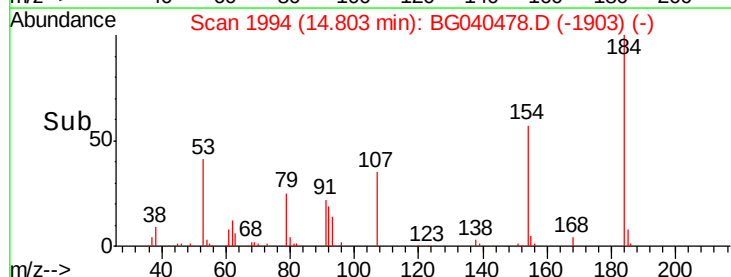
154 56.9 50.9 76.3

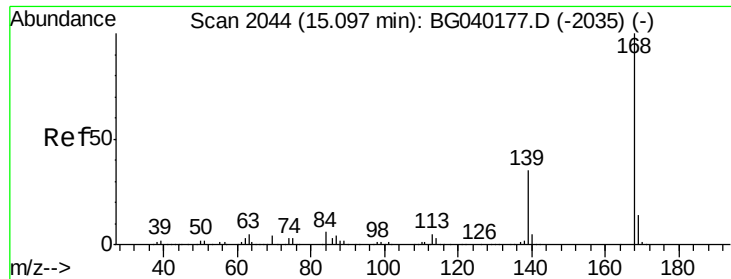


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.070 ng

RT: 15.08 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampled :

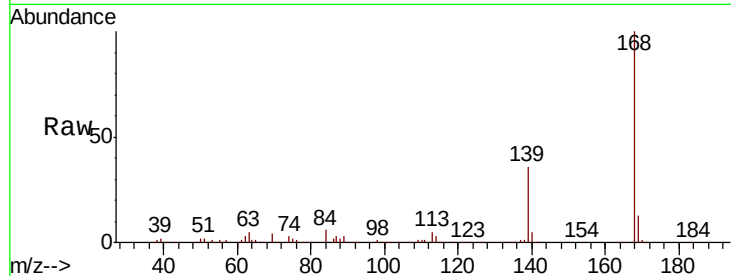
Tot Ion:168 Resp: 574021

Ion Ratio Lower Upper

168 100

139 35.6 27.9 41.9

169 13.3 11.3 16.9

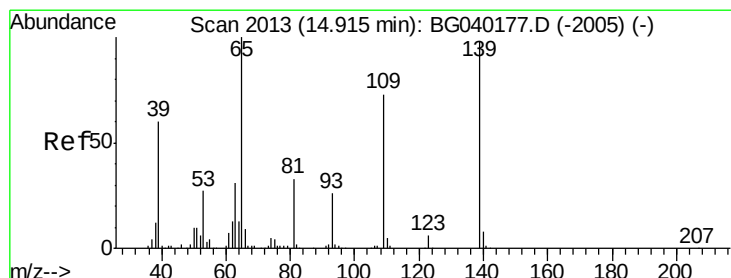
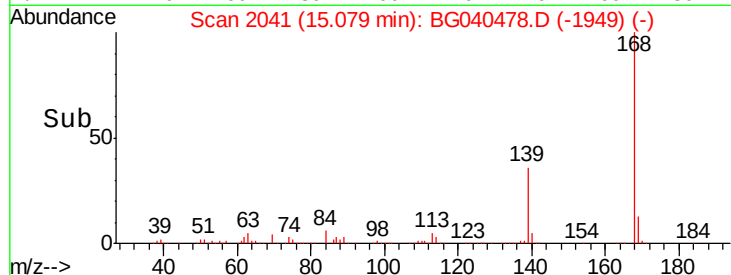
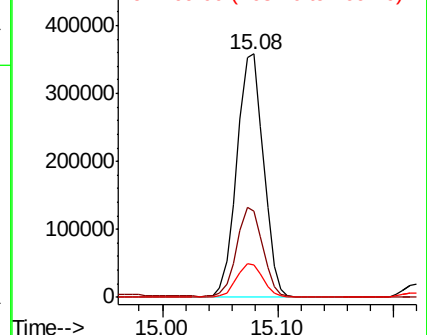


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.336 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

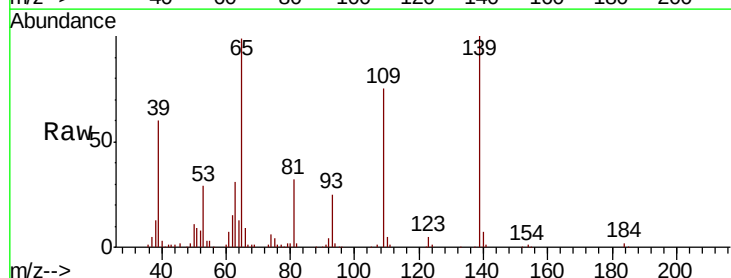
Tgt Ion:139 Resp: 182589

Ion Ratio Lower Upper

139 100

109 74.9 54.3 94.3

65 98.9 82.5 122.5

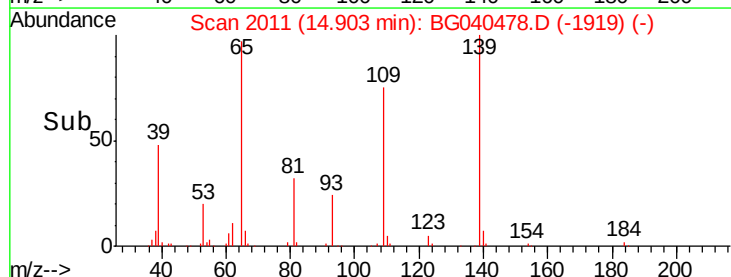
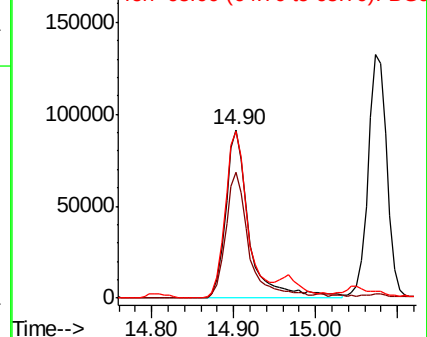


Abundance

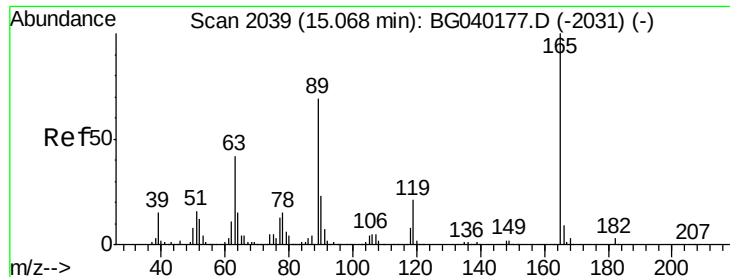
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



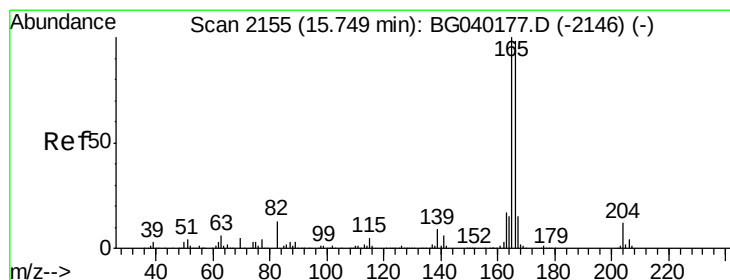
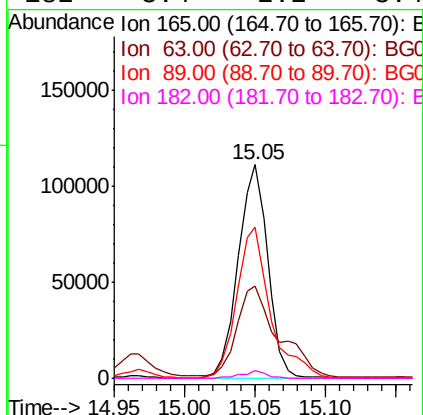
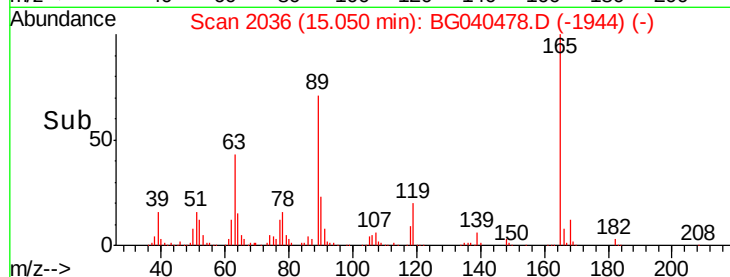
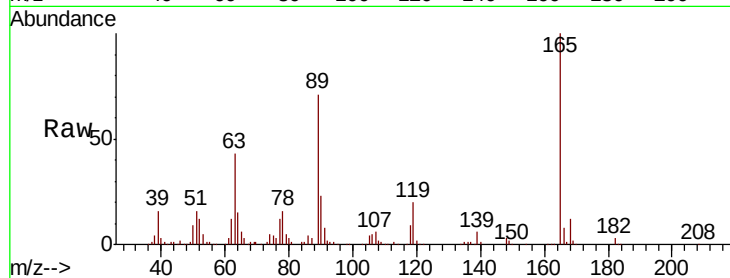




#57  
2,4-Dinitrotoluene  
Concen: 46.210 ng  
RT: 15.05 min Scan# 2036  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

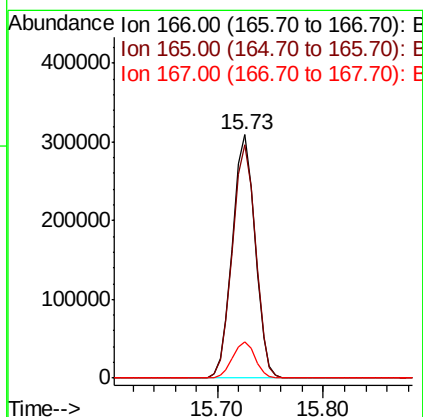
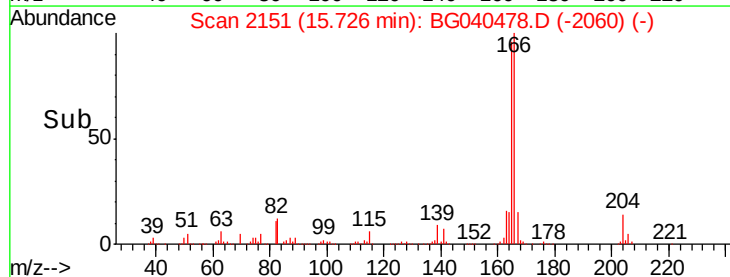
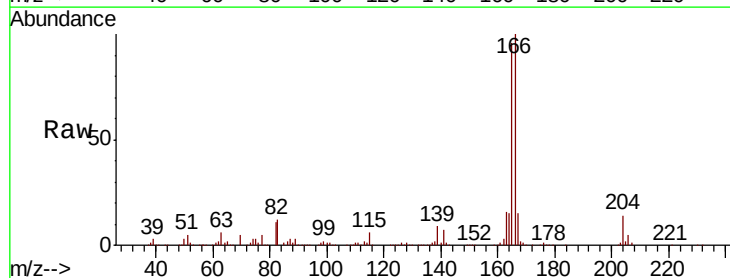
Instrument :  
BNA\_G  
ClientSampleId :

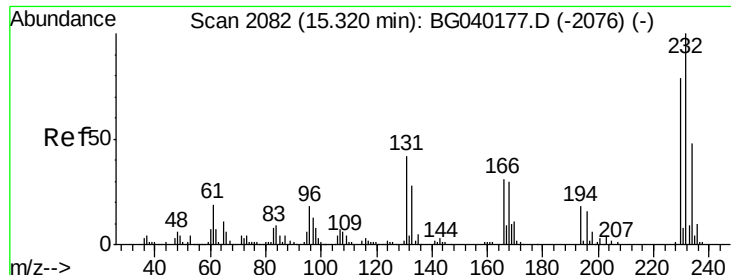
Tot Ion:165 Resp: 162716  
Ion Ratio Lower Upper  
165 100  
63 43.0 33.8 50.6  
89 70.7 55.4 83.2  
182 3.4 2.2 3.4#



#58  
Fluorene  
Concen: 42.675 ng  
RT: 15.73 min Scan# 2151  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:166 Resp: 457790  
Ion Ratio Lower Upper  
166 100  
165 96.1 81.7 122.5  
167 15.0 11.9 17.9

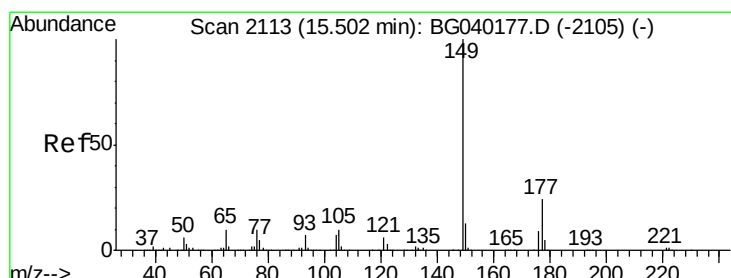
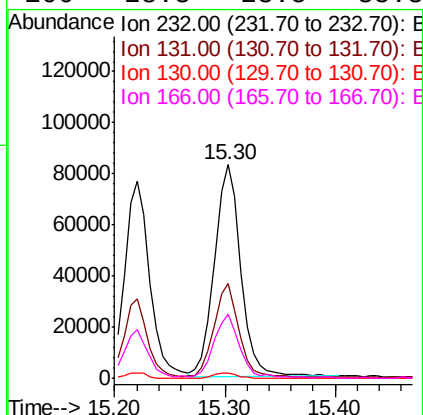
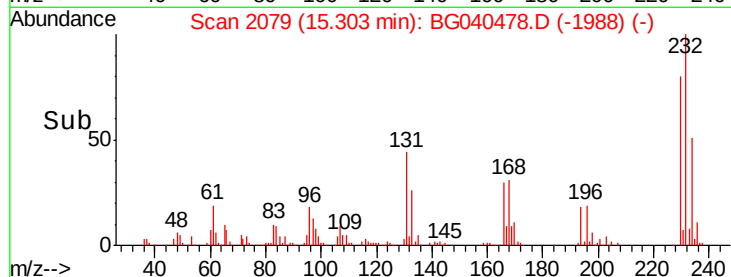
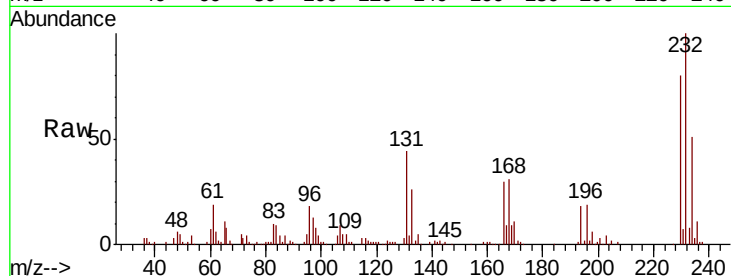




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.806 ng  
 RT: 15.30 min Scan# 2079  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

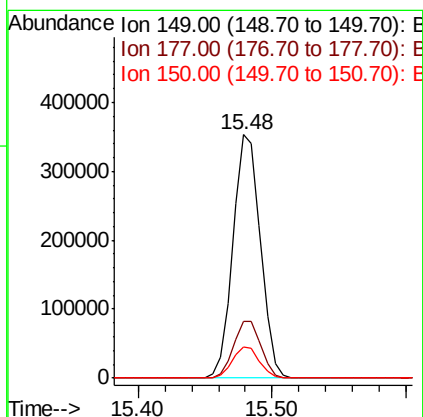
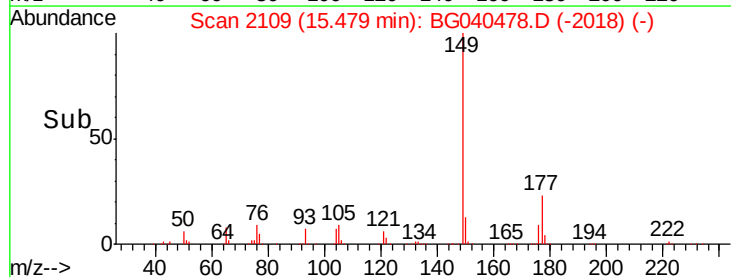
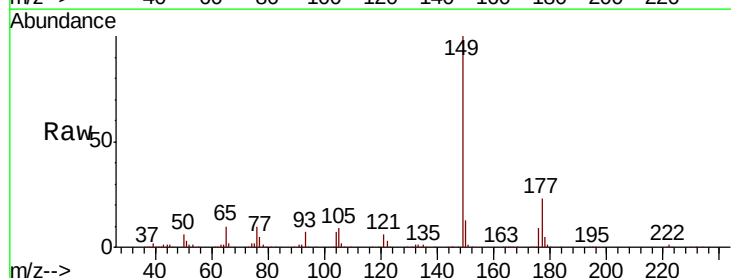
Instrument :  
 BNA\_G  
 ClientSampleId :

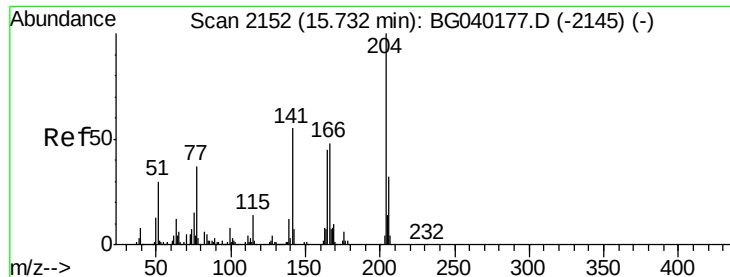
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 136809 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.3  | 32.9  | 49.3   |
| 130      | 2.4   | 1.8   | 2.8    |
| 166      | 28.3  | 23.5  | 35.3   |



#60  
 Diethylphthalate  
 Concen: 43.640 ng  
 RT: 15.48 min Scan# 2109  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 504008 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.4  | 19.1  | 28.7   |
| 150      | 12.8  | 10.6  | 15.8   |

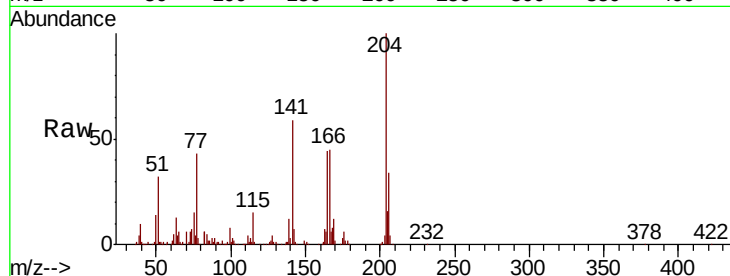




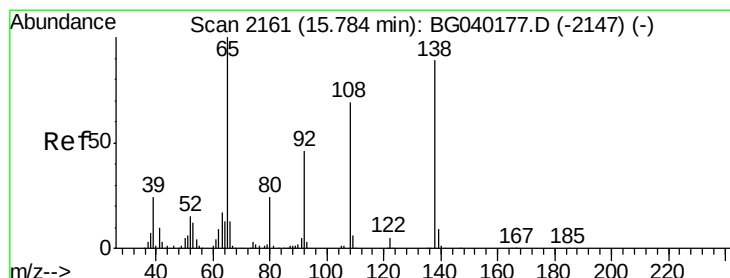
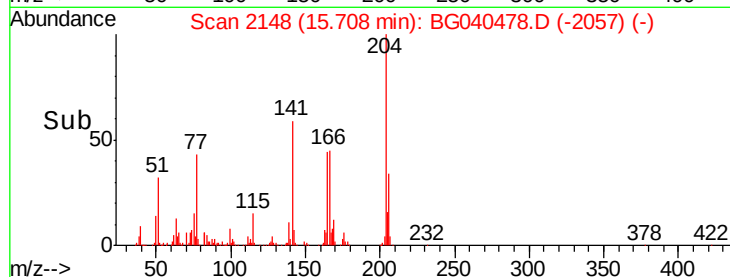
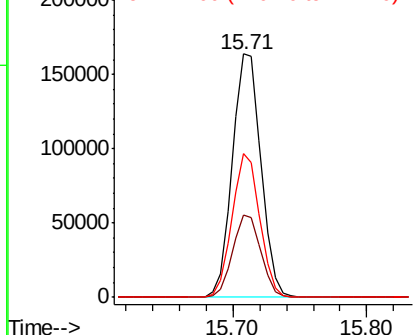
#61  
4-Chlorophenyl-phenylether  
Concen: 42.565 ng  
RT: 15.71 min Scan# 2148  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:204 Resp: 244074  
Ion Ratio Lower Upper  
204 100  
206 33.9 25.7 38.5  
141 59.1 44.0 66.0

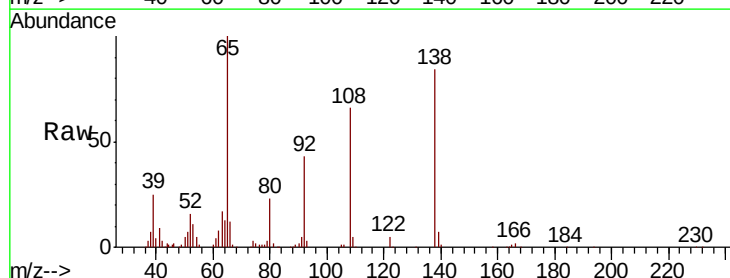


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

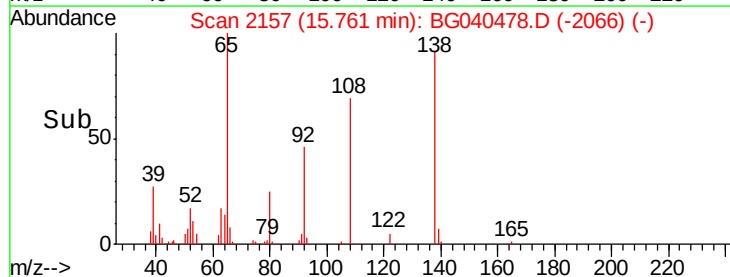
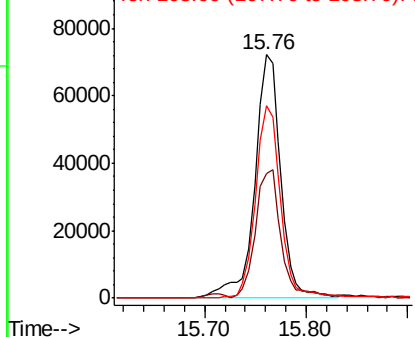


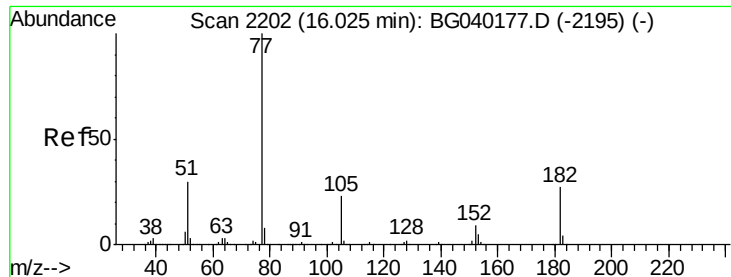
#62  
4-Nitroaniline  
Concen: 44.712 ng  
RT: 15.76 min Scan# 2157  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:138 Resp: 128717  
Ion Ratio Lower Upper  
138 100  
92 51.1 31.8 71.8  
108 79.0 57.2 97.2



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





#63

Azobenzene

Concen: 42.939 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 467768

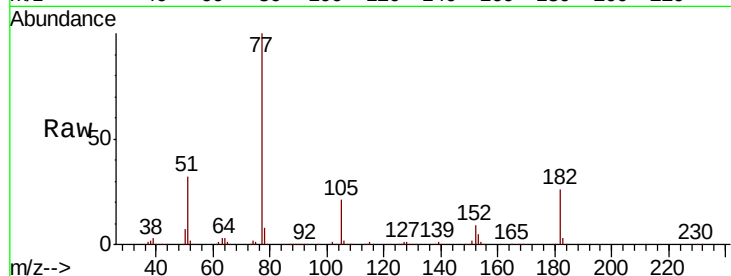
Ion Ratio Lower Upper

77 100

182 26.5 7.2 47.2

105 21.5 2.8 42.8

51 32.0 10.4 50.4

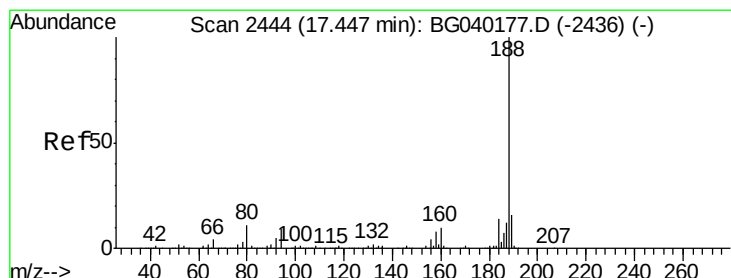
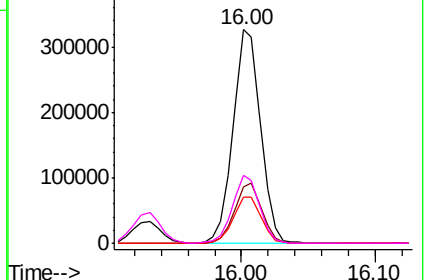
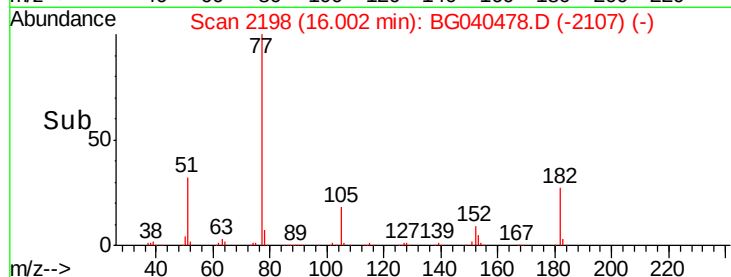


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

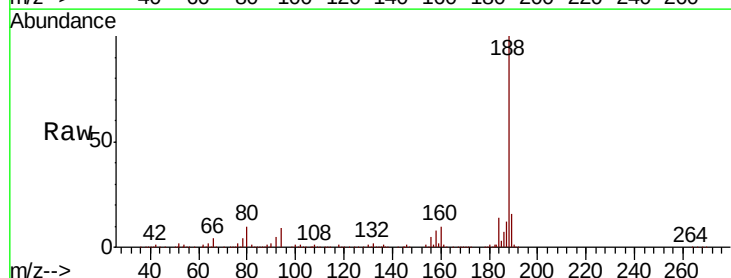
Tgt Ion: 188 Resp: 390786

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

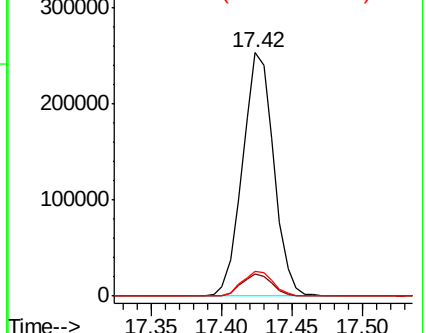
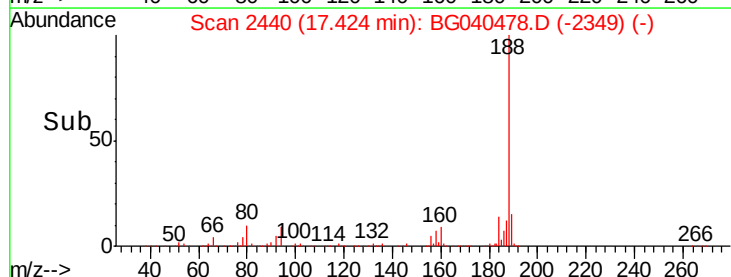
80 10.4 8.6 13.0

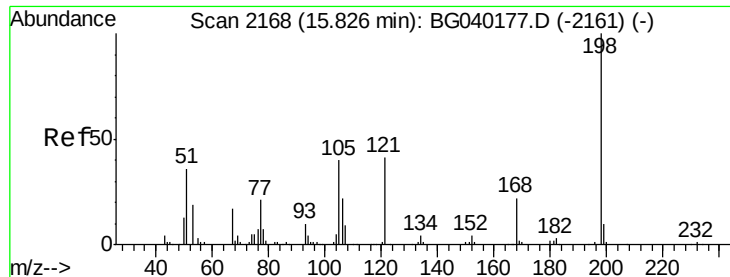


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

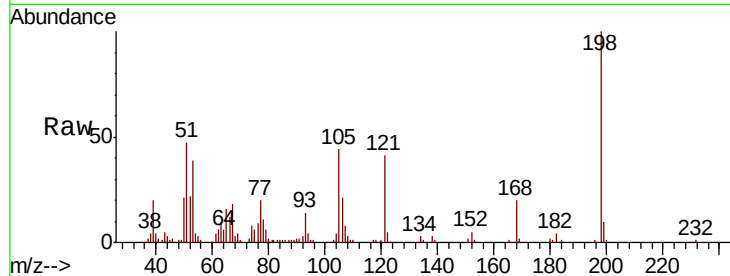




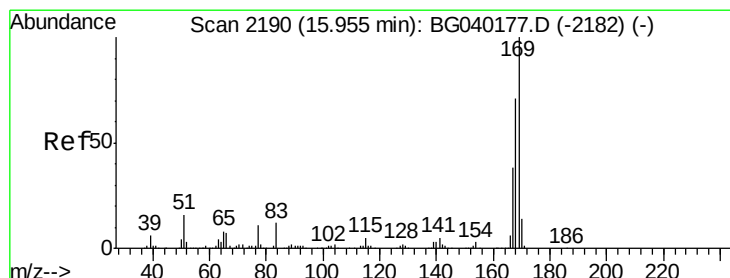
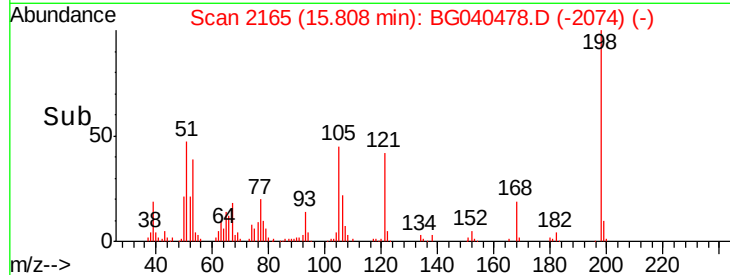
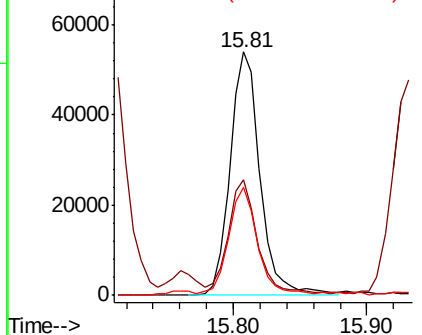
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.474 ng  
 RT: 15.81 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 198  | Resp  | 84469 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 51        | 47.3 | 27.3  | 67.3  |
| 105       | 44.3 | 21.7  | 61.7  |

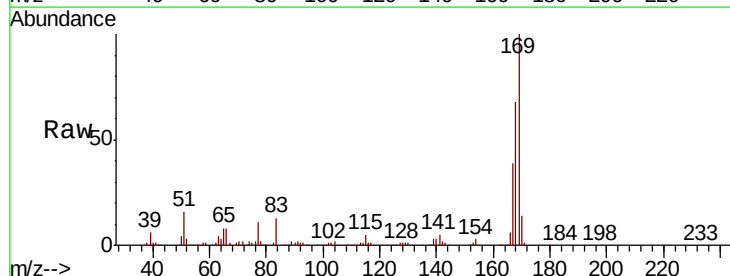


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

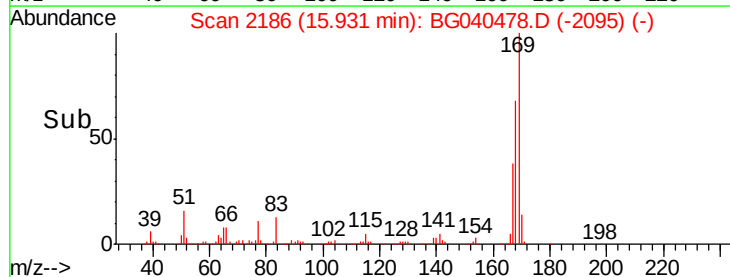
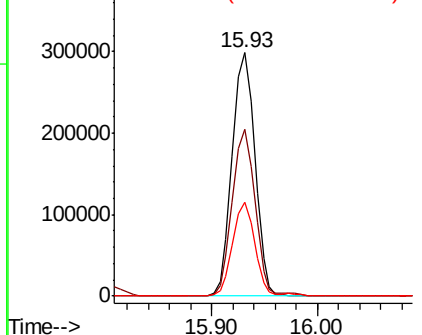


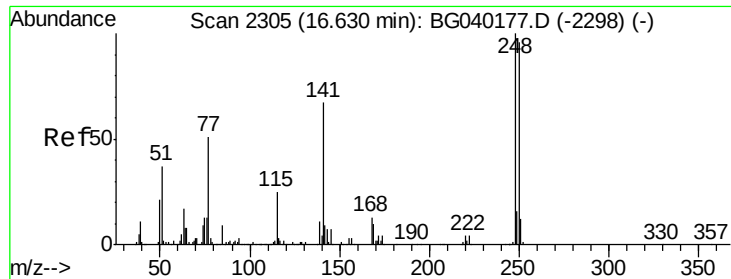
#66  
 n-Nitrosodiphenylamine  
 Concen: 38.964 ng  
 RT: 15.93 min Scan# 2186  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

| Tgt Ion   | 169  | Resp  | 445568 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 168       | 68.3 | 56.8  | 85.2   |
| 167       | 38.6 | 30.2  | 45.4   |



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

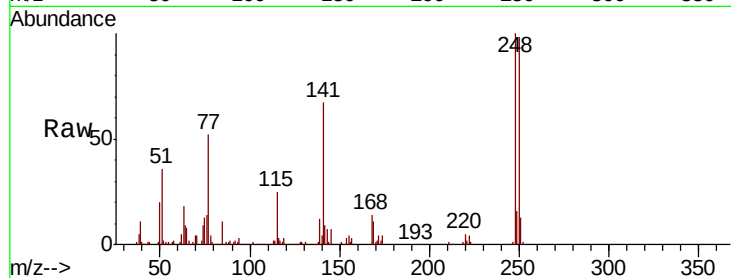




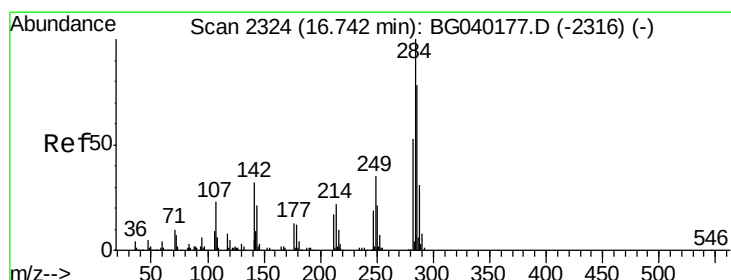
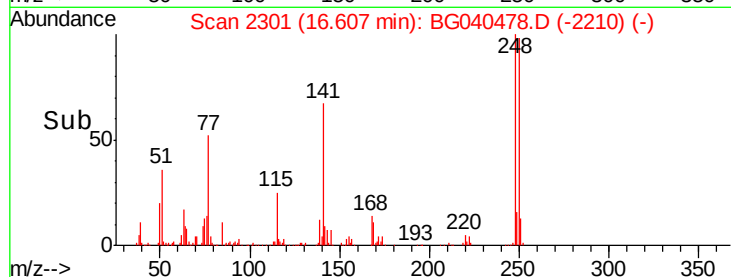
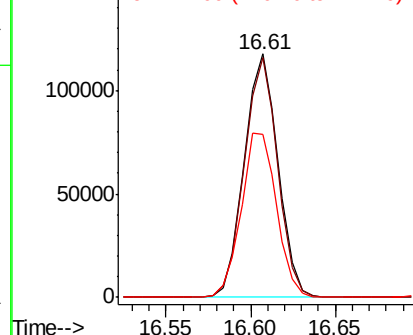
#67  
4-Bromophenyl-phenylether  
Concen: 37.278 ng  
RT: 16.61 min Scan# 2301  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:248 Resp: 163936  
Ion Ratio Lower Upper  
248 100  
250 98.4 76.4 114.6  
141 67.2 53.8 80.8

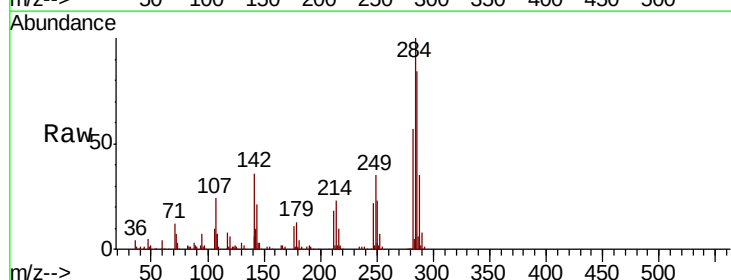


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

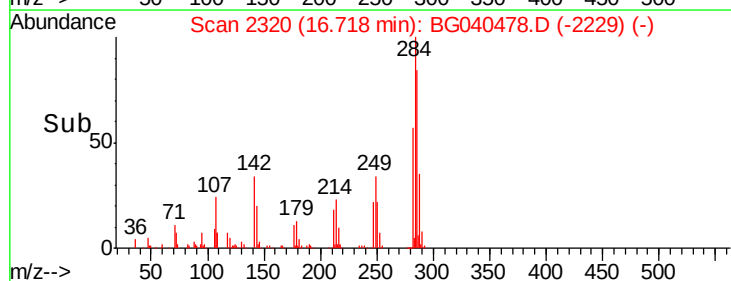
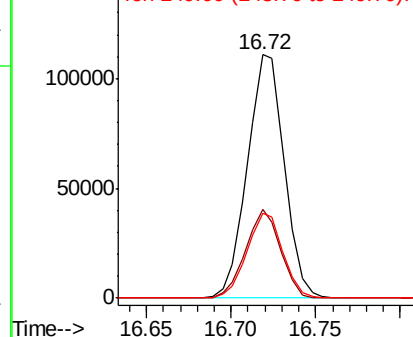


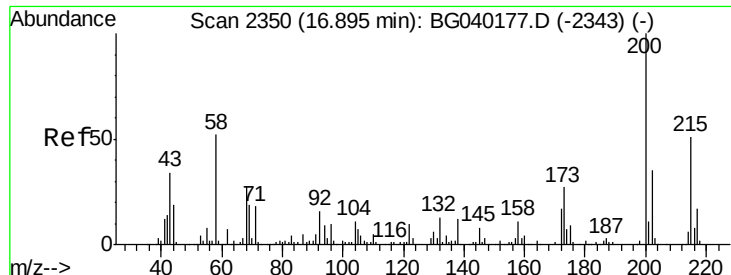
#68  
Hexachlorobenzene  
Concen: 37.955 ng  
RT: 16.72 min Scan# 2320  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:284 Resp: 167823  
Ion Ratio Lower Upper  
284 100  
142 36.2 25.3 37.9  
249 34.7 28.2 42.2



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





#69

Atrazine

Concen: 41.540 ng

RT: 16.87 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampleId :

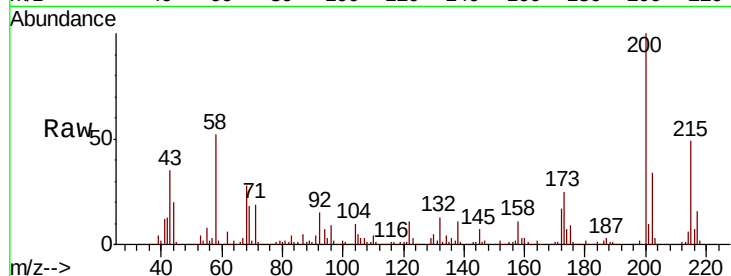
Tot Ion:200 Resp: 176706

Ion Ratio Lower Upper

200 100

173 25.1 7.1 47.1

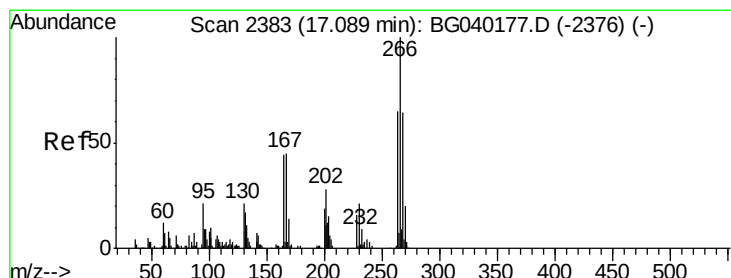
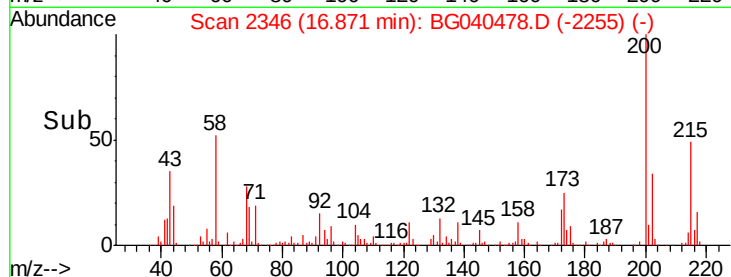
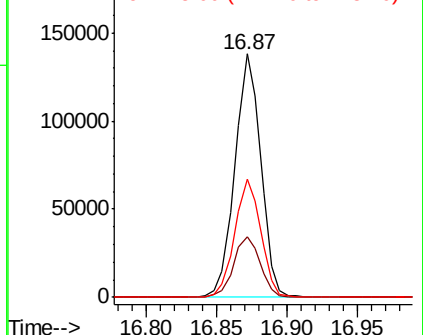
215 48.6 30.9 70.9



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: 69.491 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

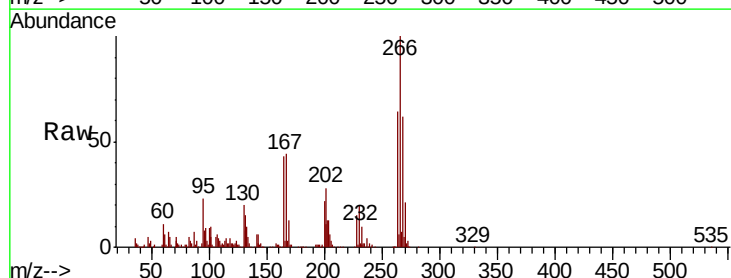
Tgt Ion:266 Resp: 177645

Ion Ratio Lower Upper

266 100

268 62.3 55.0 82.4

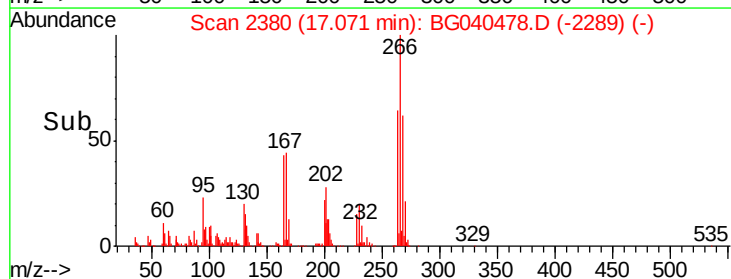
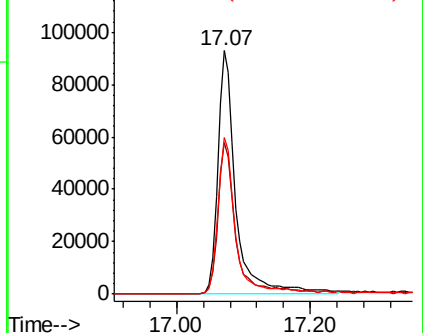
264 64.1 51.8 77.8

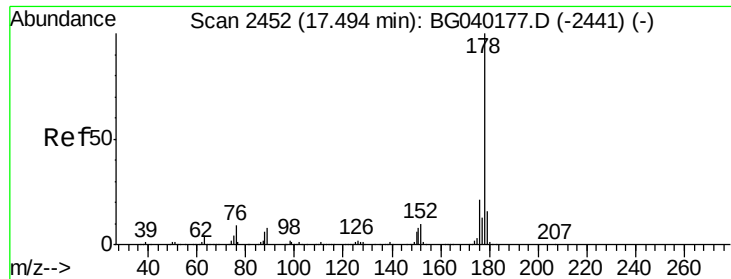


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

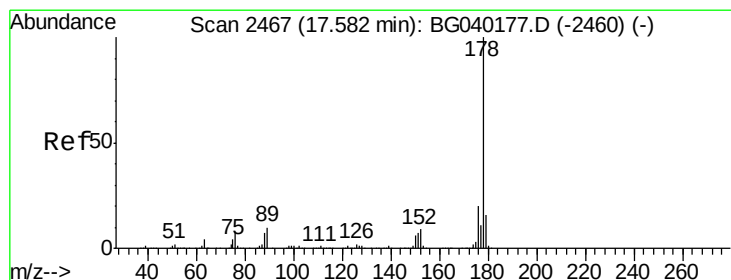
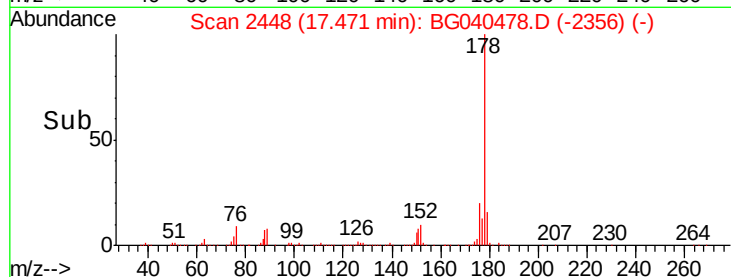
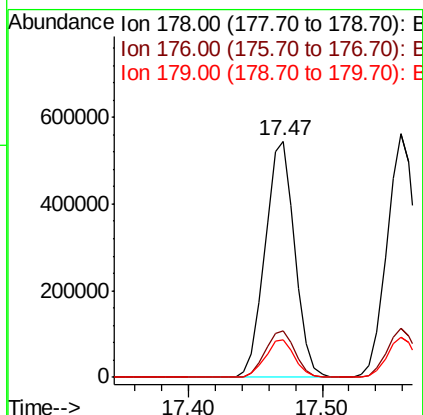
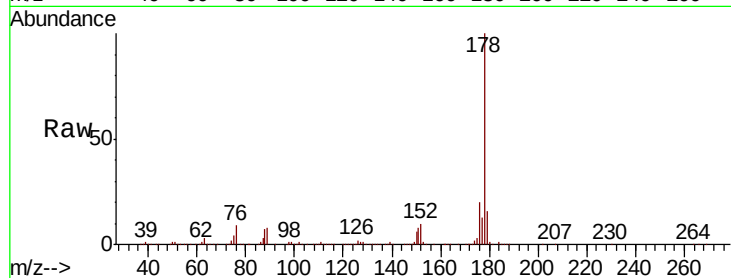




#71  
Phenanthrene  
Concen: 40.800 ng  
RT: 17.47 min Scan# 2448  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

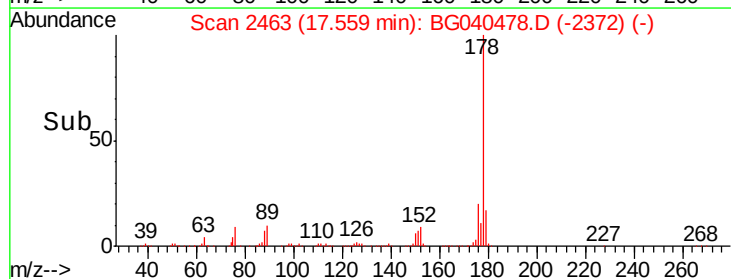
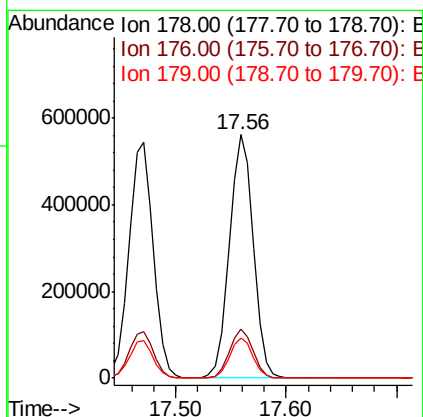
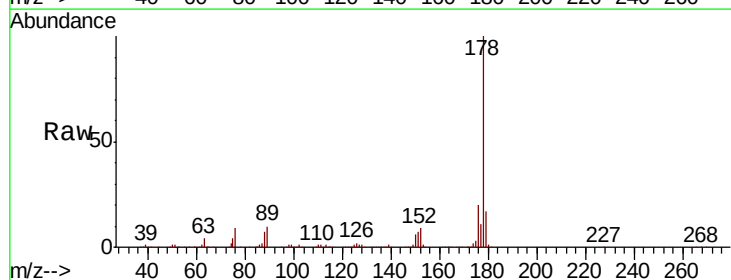
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:178 Resp: 838041  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.7 25.1  
179 15.7 12.8 19.2

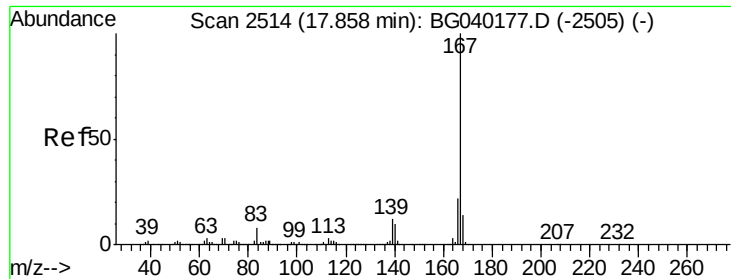


#72  
Anthracene  
Concen: 41.326 ng  
RT: 17.56 min Scan# 2463  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:178 Resp: 849637  
Ion Ratio Lower Upper  
178 100  
176 20.1 15.9 23.9  
179 16.6 12.9 19.3



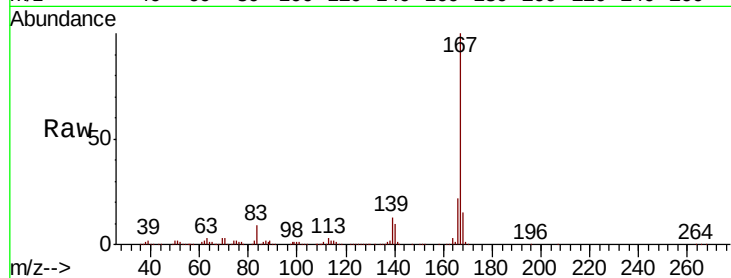




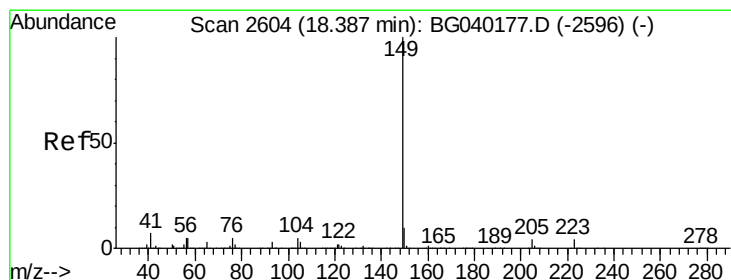
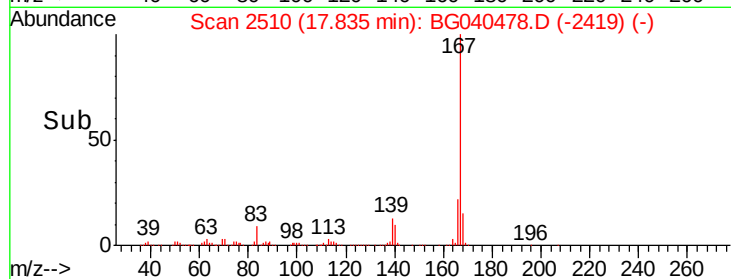
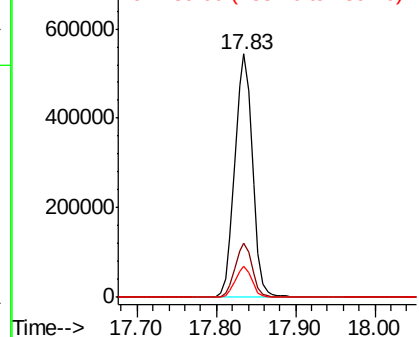
#73  
 Carbazole  
 Concen: 43.254 ng  
 RT: 17.83 min Scan# 2510  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 17.5  | 26.3  |
| 139     | 12.7  | 10.0  | 15.0  |

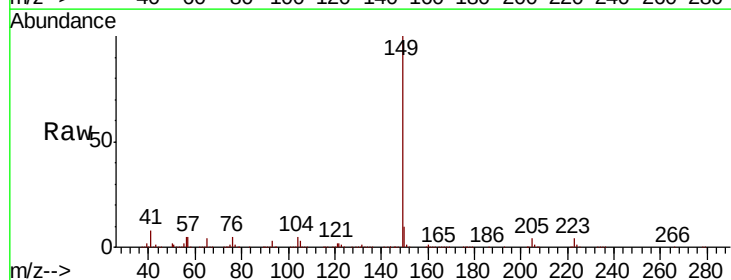


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

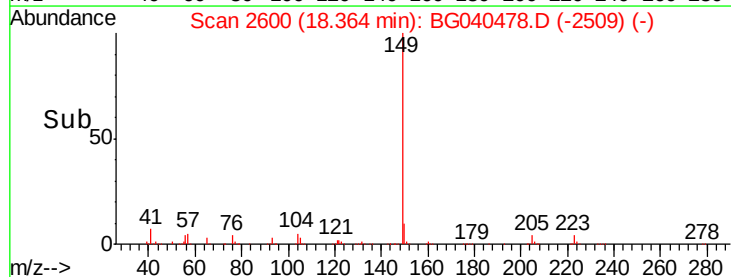
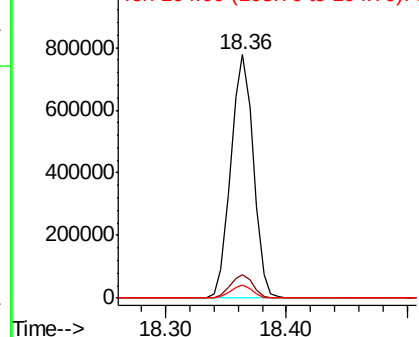


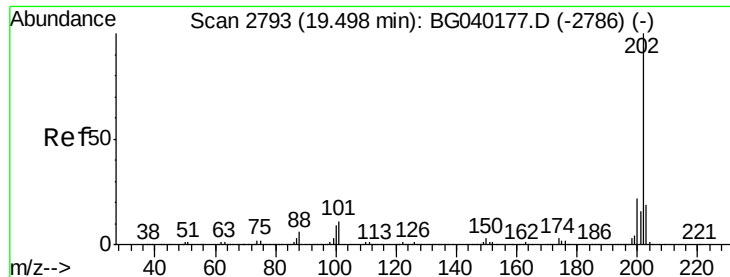
#74  
 Di-n-butylphthalate  
 Concen: 43.652 ng  
 RT: 18.36 min Scan# 2600  
 Delta R.T. 0.00 min  
 Lab File: BG040478.D  
 Acq: 15 Apr 2019 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 7.9   | 11.9  |
| 104     | 5.2   | 4.1   | 6.1   |



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: 44.635 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampleId :

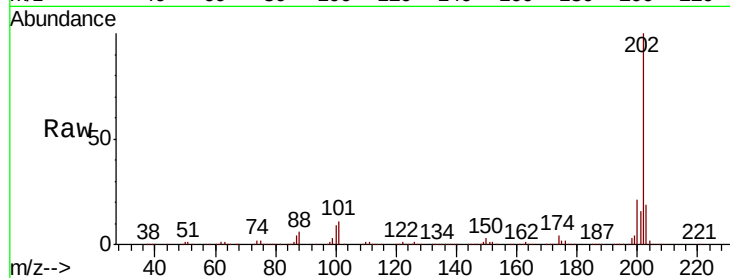
Tot Ion:202 Resp: 1085636

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.8

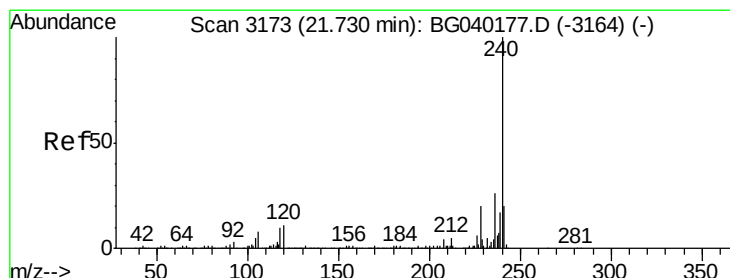
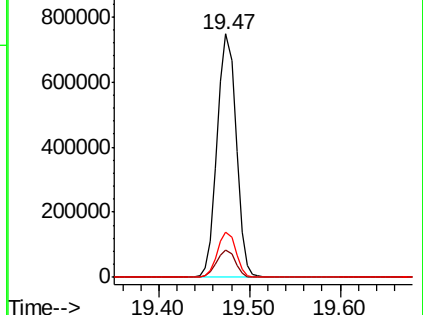
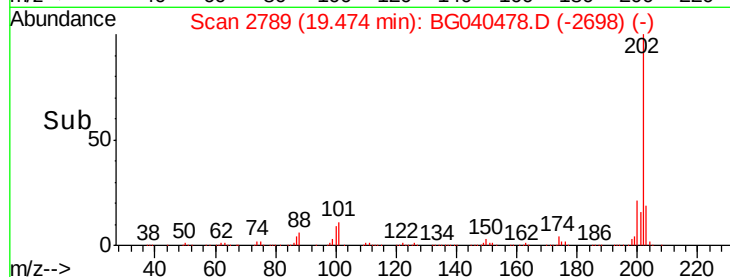
203 18.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

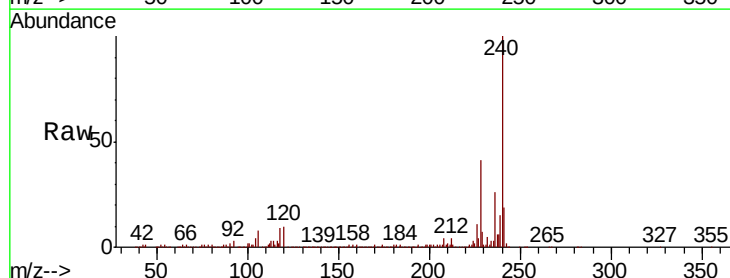
Tgt Ion:240 Resp: 434244

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

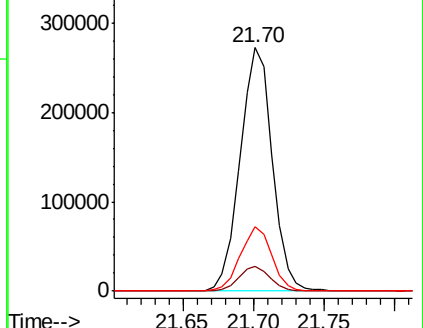
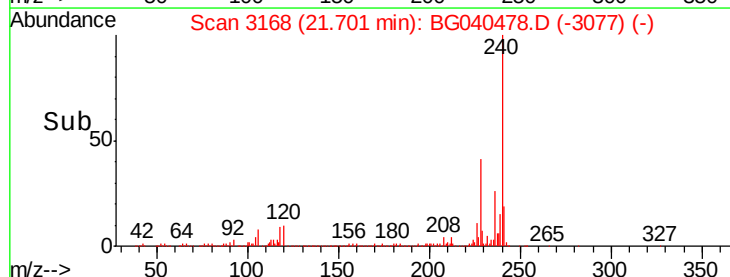
236 26.2 20.8 31.2

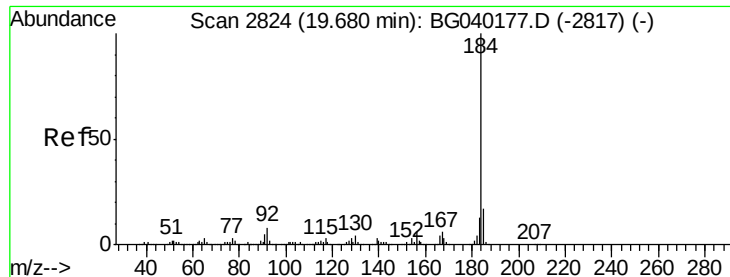


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.114 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampled :

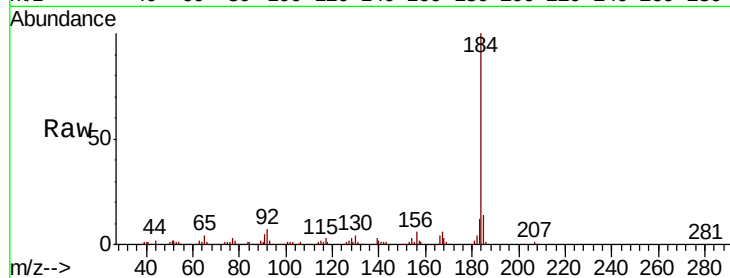
Tot Ion:184 Resp: 189954

Ion Ratio Lower Upper

184 100

185 14.3 13.3 19.9

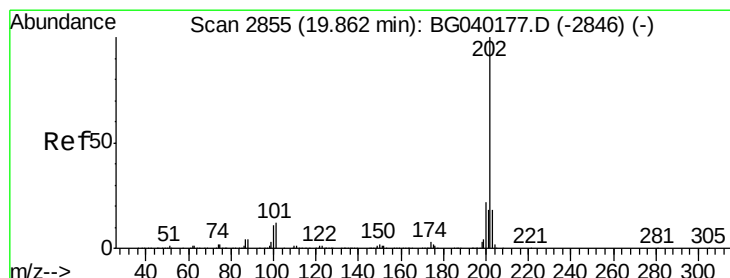
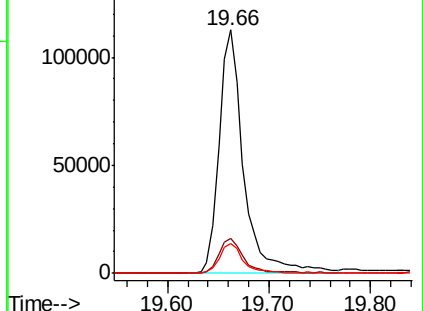
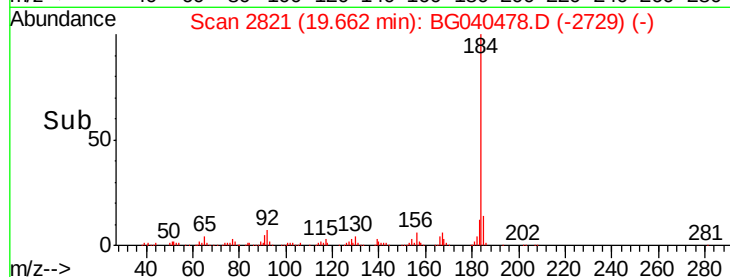
183 12.4 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.458 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

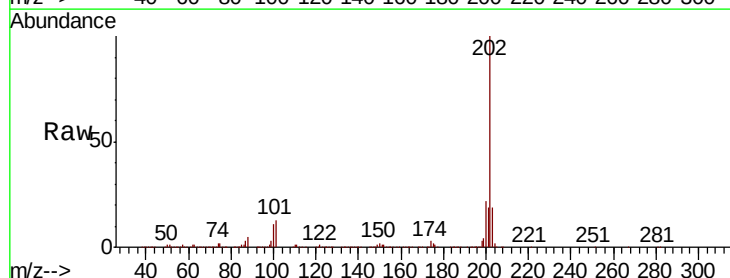
Tgt Ion:202 Resp: 1098219

Ion Ratio Lower Upper

202 100

200 22.1 17.3 25.9

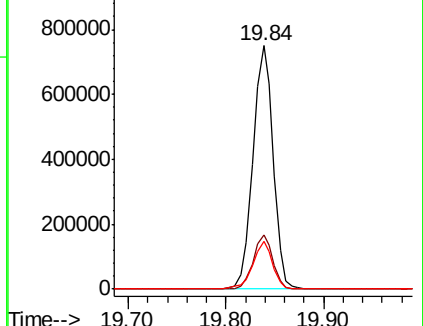
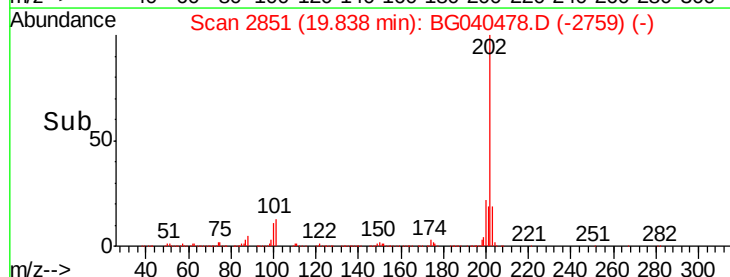
203 19.5 14.6 22.0

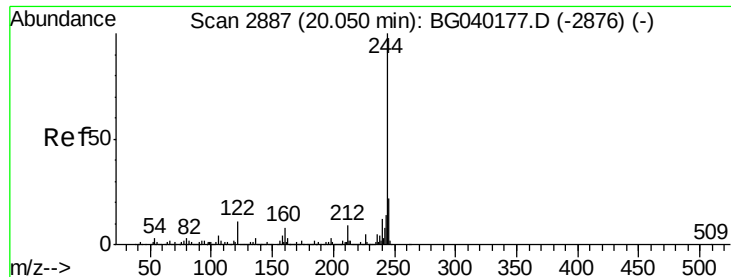


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.378 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampled :

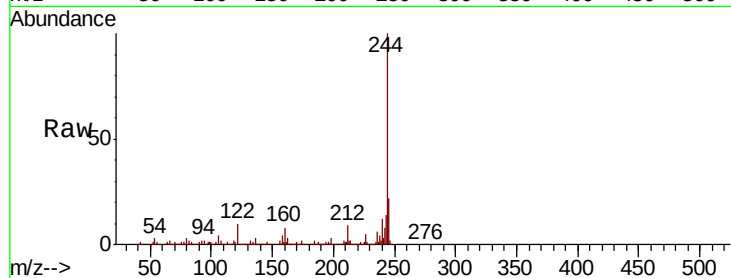
Tot Ion:244 Resp: 1377780

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

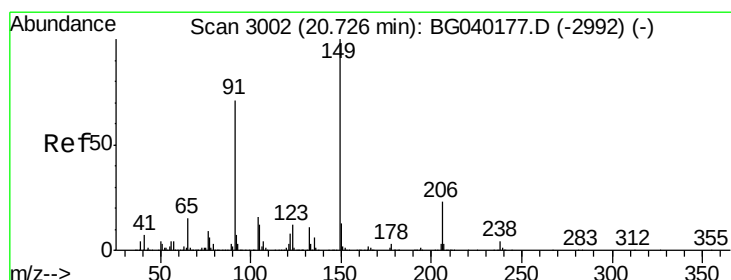
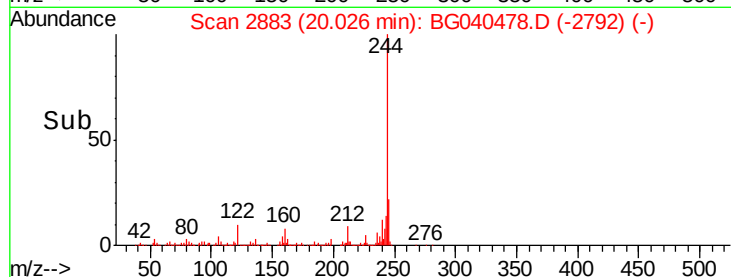
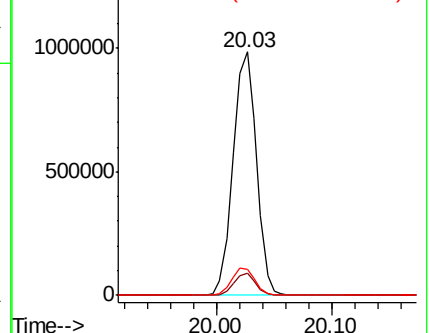
122 10.5 8.5 12.7



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: 40.140 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

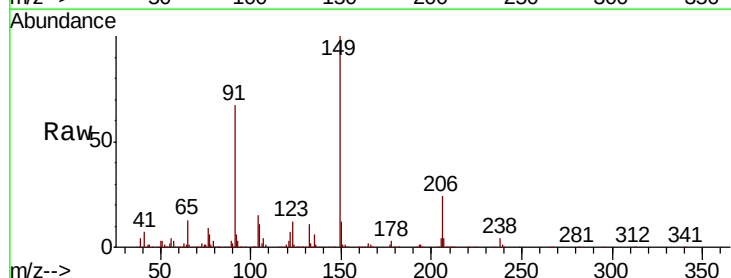
Tgt Ion:149 Resp: 490491

Ion Ratio Lower Upper

149 100

91 67.3 57.0 85.4

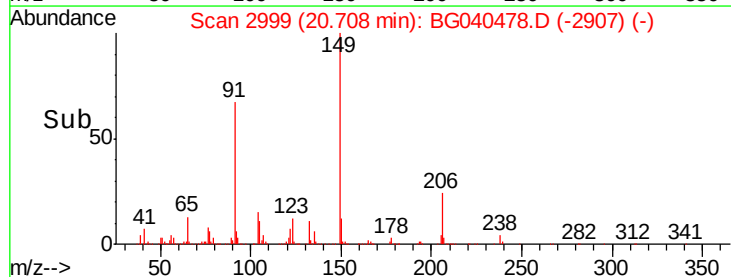
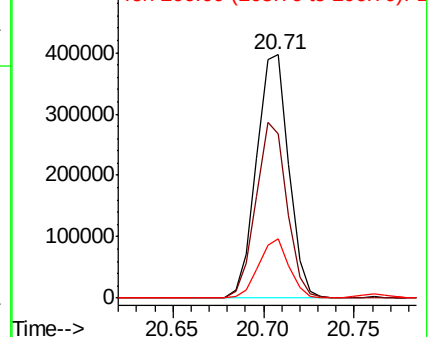
206 24.4 18.2 27.4

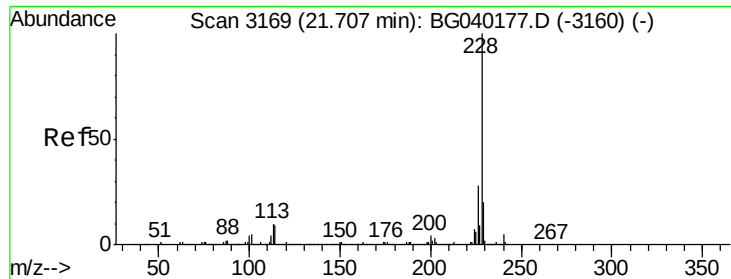


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

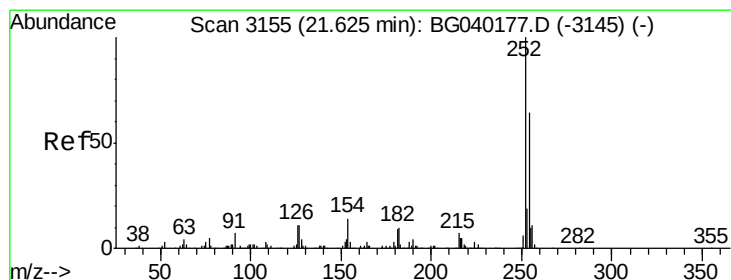
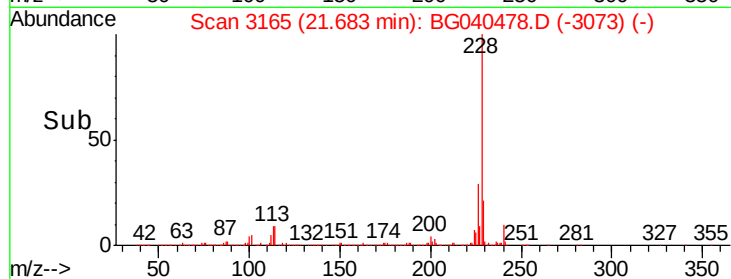
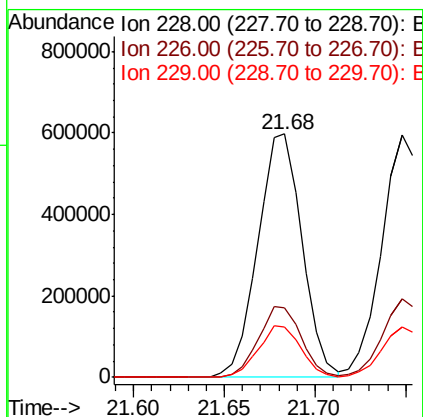
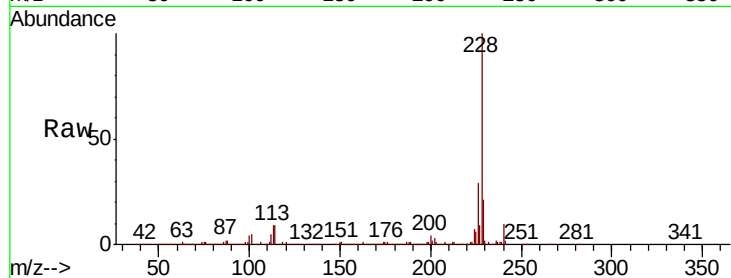




#81  
Benzo(a)anthracene  
Concen: 37.943 ng  
RT: 21.68 min Scan# 3165  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

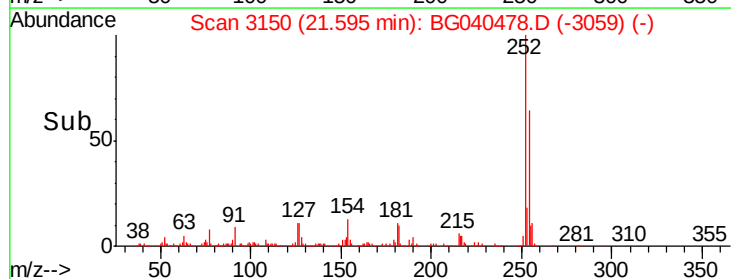
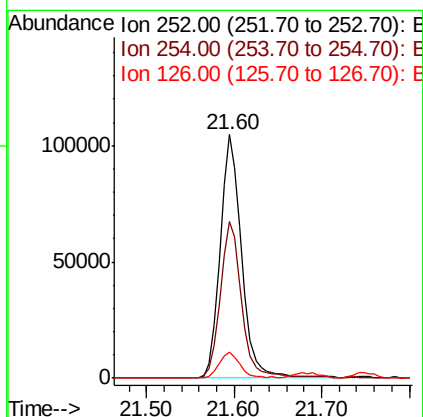
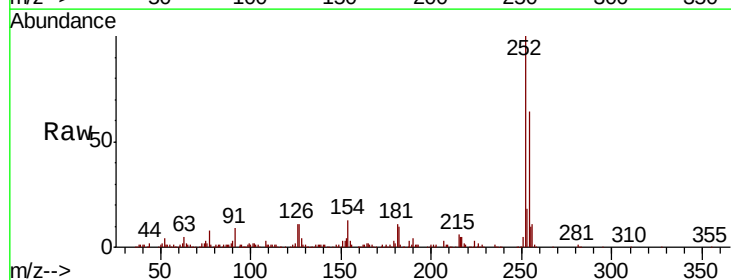
Instrument :  
BNA\_G  
ClientSampleId :

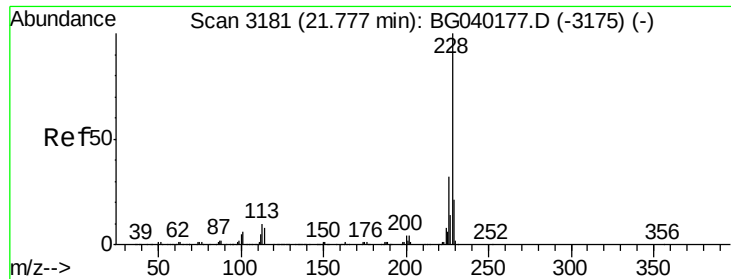
Tot Ion:228 Resp: 1014875  
Ion Ratio Lower Upper  
228 100  
226 28.7 22.6 34.0  
229 20.8 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 17.474 ng  
RT: 21.60 min Scan# 3150  
Delta R.T. 0.00 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:252 Resp: 177793  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.4 77.2  
126 10.6 8.5 12.7

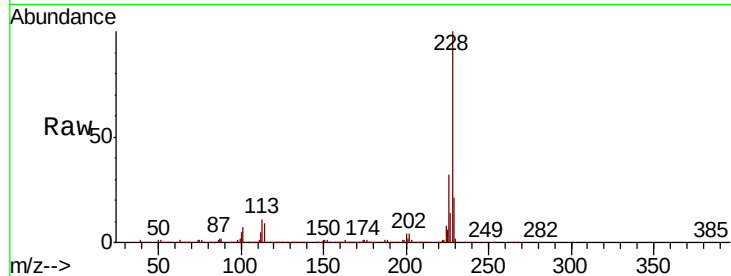




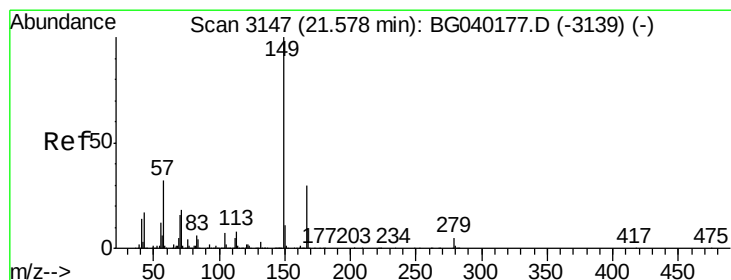
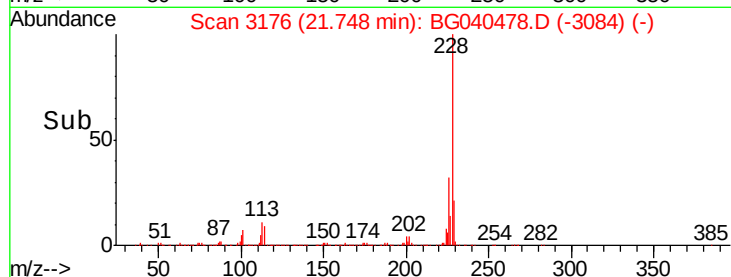
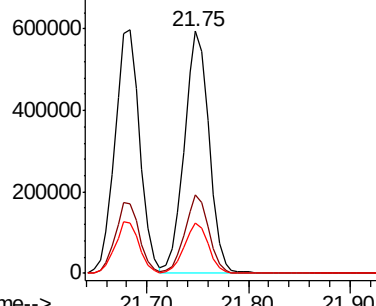
#83  
Chrysene  
Concen: 38.957 ng  
RT: 21.75 min Scan# 3176  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:228 Resp: 1001405  
Ion Ratio Lower Upper  
228 100  
226 32.3 25.4 38.0  
229 20.9 17.0 25.4

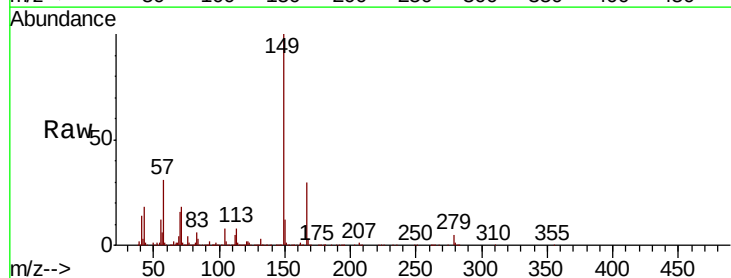


Abundance Ion 228.00 (227.70 to 228.70): E  
800000 Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

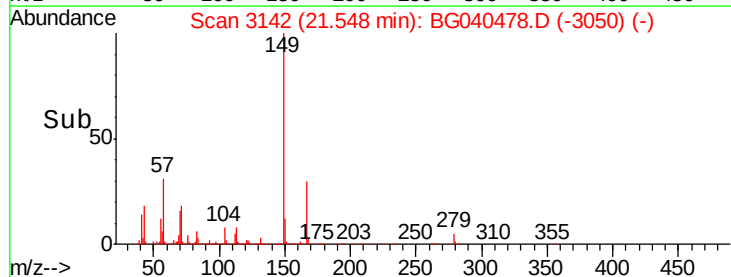
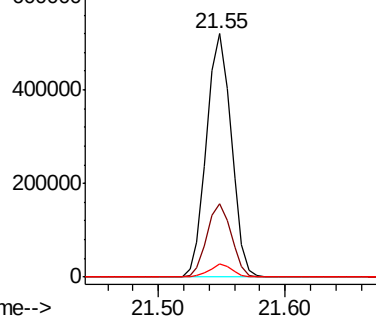


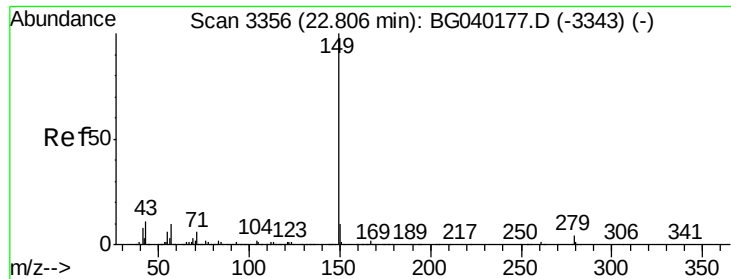
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.362 ng  
RT: 21.55 min Scan# 3142  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:149 Resp: 705023  
Ion Ratio Lower Upper  
149 100  
167 30.2 24.1 36.1  
279 5.2 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E  
600000 Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E

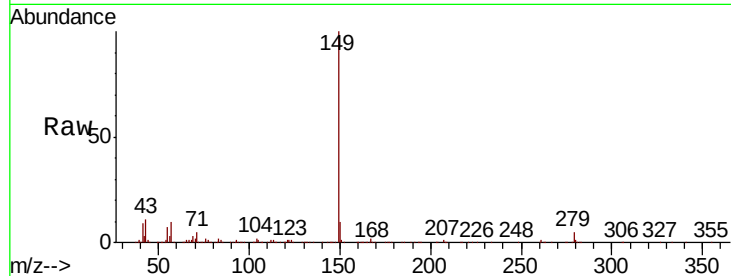




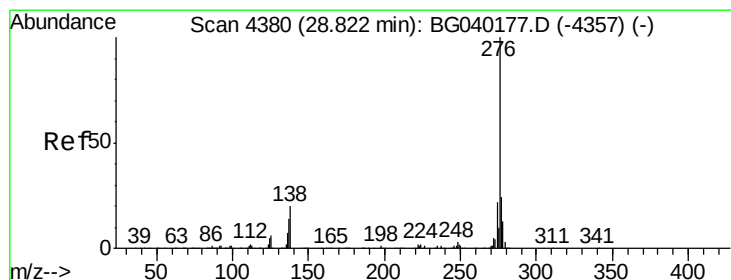
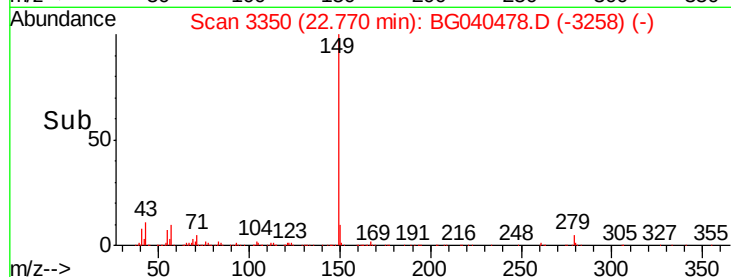
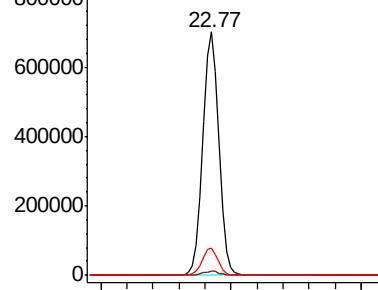
#85  
Di-n-octyl phthalate  
Concen: 40.338 ng  
RT: 22.77 min Scan# 3350  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:149 Resp: 1200498  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 11.0 8.7 13.1

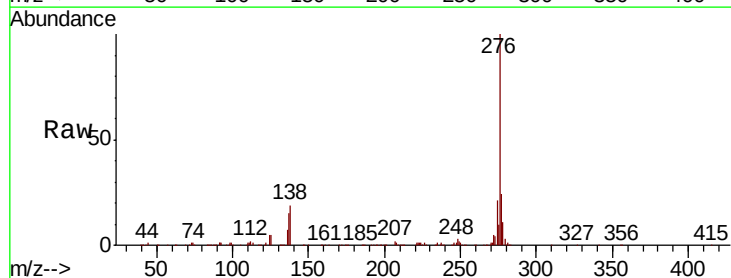


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

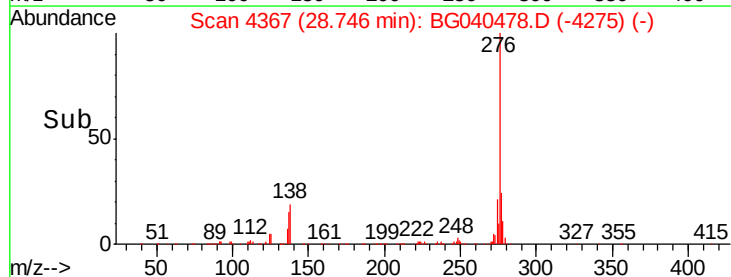
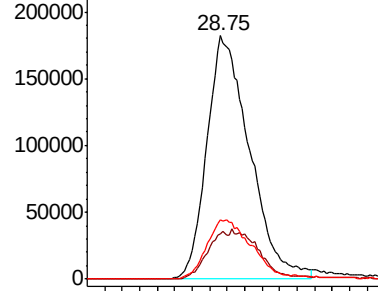


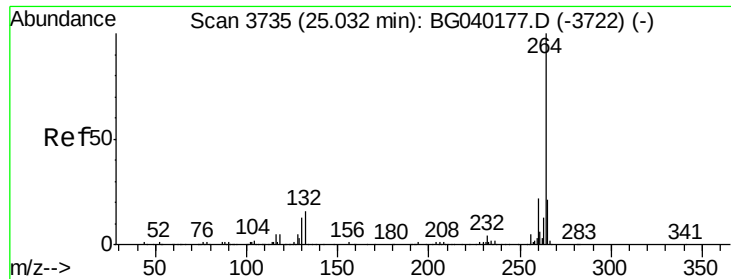
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 38.542 ng  
RT: 28.75 min Scan# 4367  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:276 Resp: 1211755  
Ion Ratio Lower Upper  
276 100  
138 9.8 18.8 28.2#  
277 25.4 21.0 31.4



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA\_G

ClientSampleId :

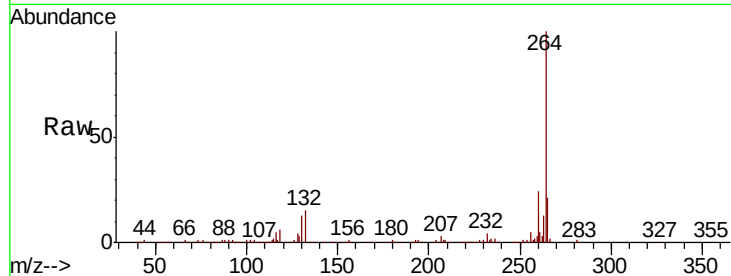
Tot Ion:264 Resp: 444128

Ion Ratio Lower Upper

264 100

260 24.1 17.9 26.9

265 20.9 16.8 25.2

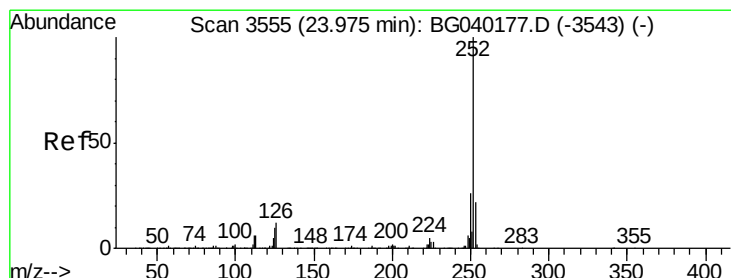
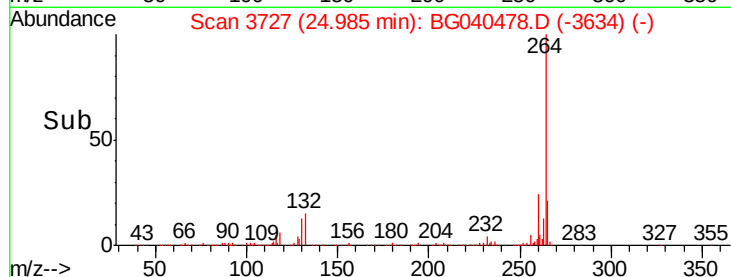
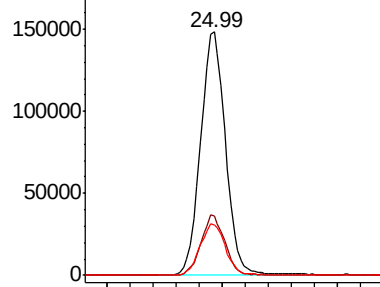


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.582 ng

RT: 23.93 min Scan# 3548

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

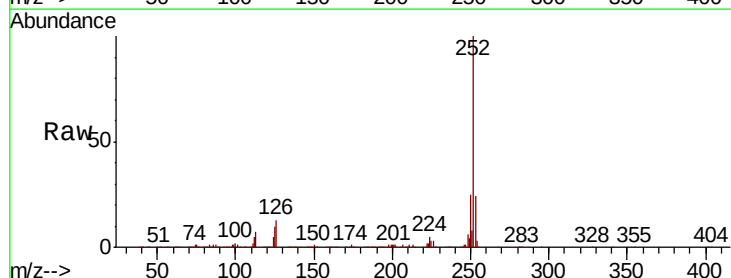
Tgt Ion:252 Resp: 1103480

Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

125 10.2 8.2 12.4

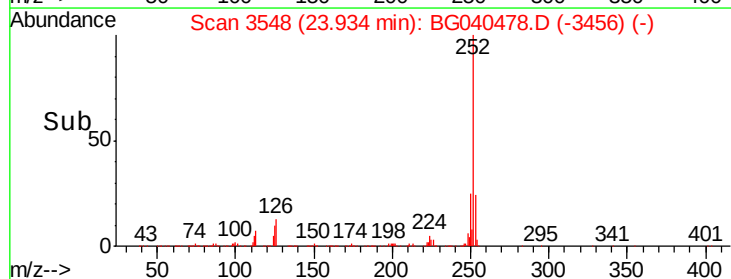
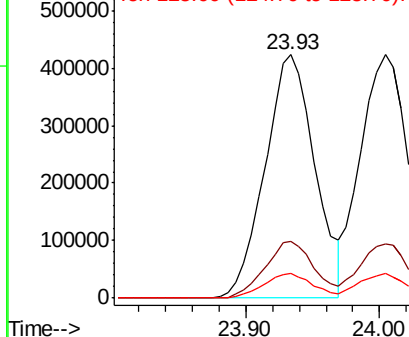


Abundance

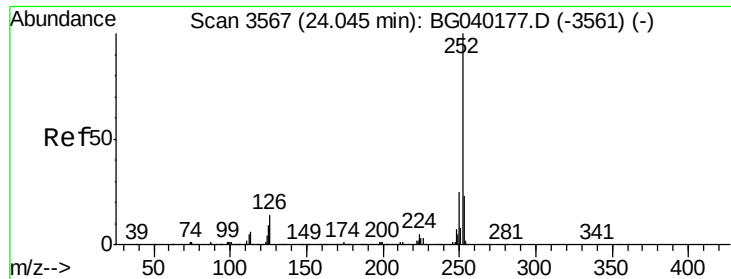
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



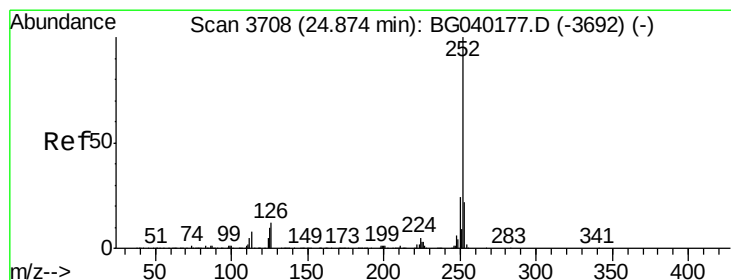
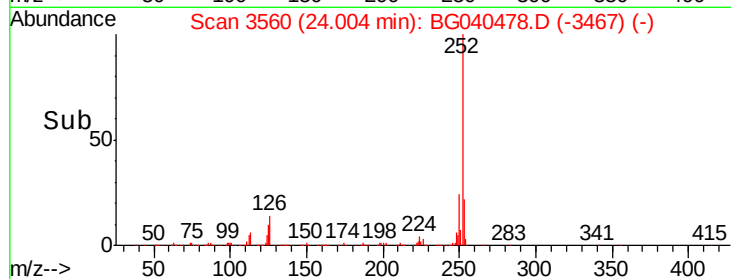
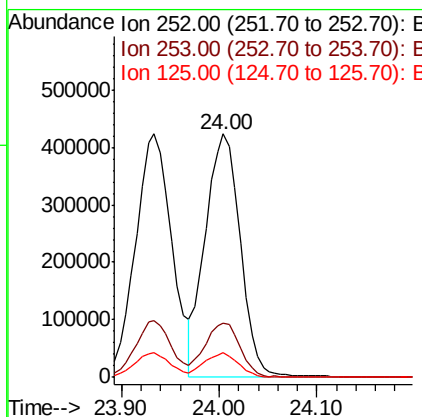
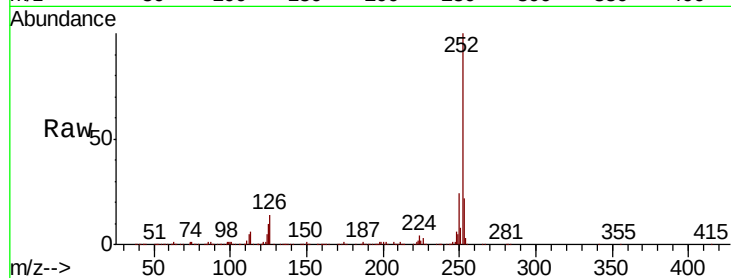




#89  
Benzo(k)fluoranthene  
Concen: 41.928 ng  
RT: 24.00 min Scan# 3560  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

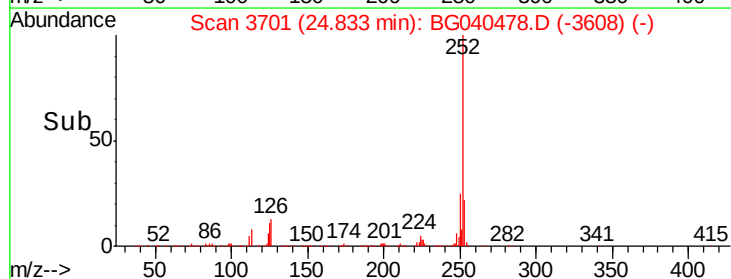
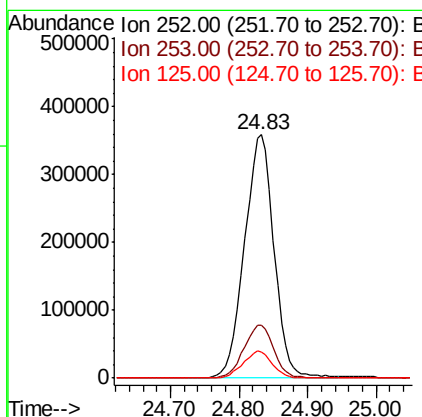
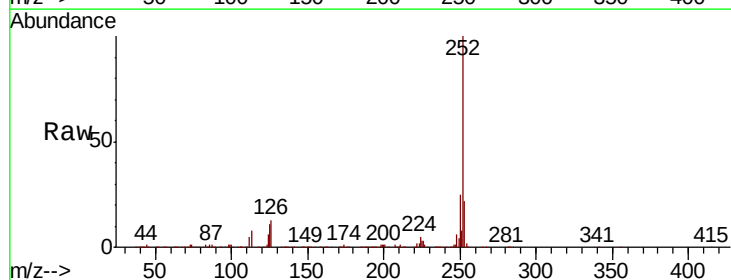
Instrument :  
BNA\_G  
ClientSampleId :

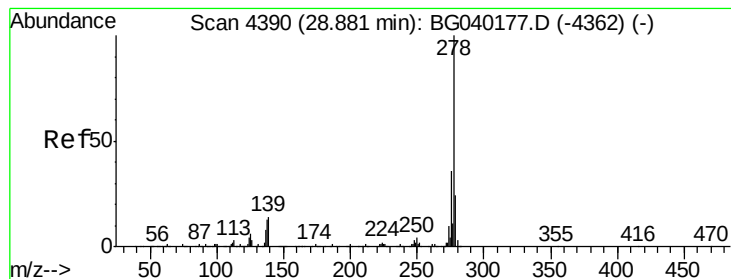
Tot Ion:252 Resp: 1048417  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.6 28.0  
125 10.1 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 42.140 ng  
RT: 24.83 min Scan# 3701  
Delta R.T. 0.01 min  
Lab File: BG040478.D  
Acq: 15 Apr 2019 13:38

Tgt Ion:252 Resp: 1075090  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 10.9 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 42.237 ng

RT: 28.82 min Scan# 4380

Delta R.T. 0.02 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

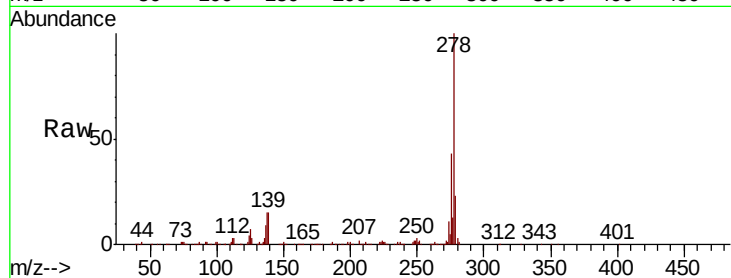
Instrument :

BNA\_G

ClientSampled :

Tot Ion:278 Resp: 1000795

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.9  | 11.2  | 16.8  |
| 279 | 23.1  | 18.9  | 28.3  |

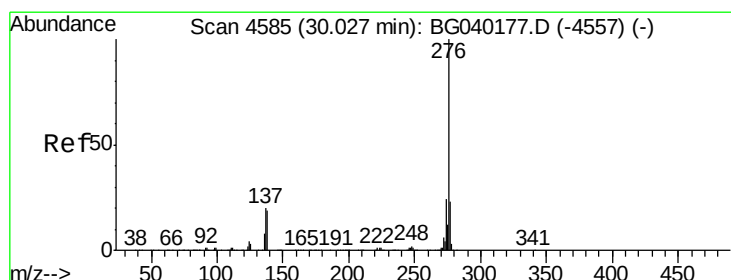
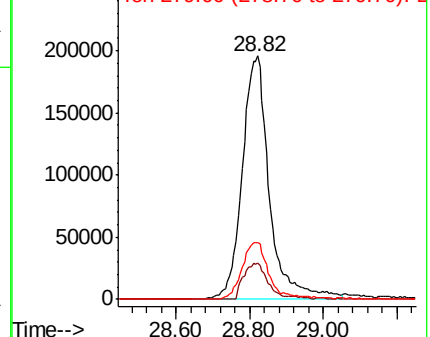
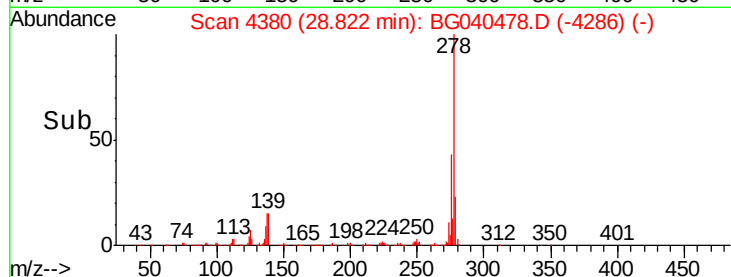


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.227 ng

RT: 29.94 min Scan# 4570

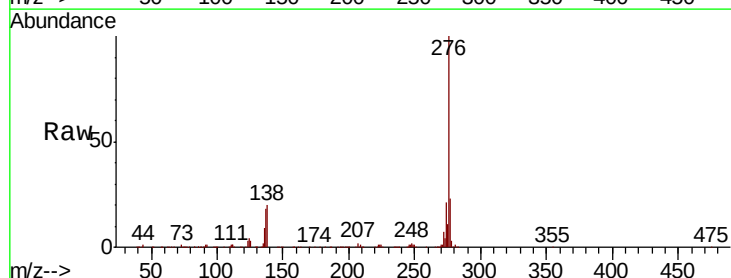
Delta R.T. 0.03 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Tgt Ion:276 Resp: 1003923

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.5  | 18.6  | 28.0  |
| 138 | 20.1  | 15.2  | 22.8  |



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

