

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\  
 Data File : BG044250.D  
 Acq On : 30 Jan 2020 15:59  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG013020

Quant Time: Jan 30 16:38:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 30 16:05:09 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 91253    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.72 | 136  | 381331   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.56 | 164  | 243126   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.30 | 188  | 519553   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.55 | 240  | 460207   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.65 | 264  | 534728   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 433240  | 83.79 | ng | 0.00 |
| 7) Phenol-d6             | 7.09  | 99  | 580166  | 83.56 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.08  | 82  | 541572  | 80.18 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.05 | 330 | 228084  | 79.91 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.18 | 172 | 1196842 | 82.43 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.92 | 244 | 1743966 | 77.95 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.39  | 88  | 99066  | 42.643 | ng | 99     |
| 3) Pyridine                    | 3.78  | 79  | 282875 | 45.704 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.69  | 42  | 107969 | 41.746 | ng | 100    |
| 6) Aniline                     | 7.24  | 93  | 357616 | 41.494 | ng | 99     |
| 8) 2-Chlorophenol              | 7.48  | 128 | 233880 | 41.157 | ng | 99     |
| 9) Benzaldehyde                | 7.05  | 77  | 159285 | 40.280 | ng | 98     |
| 10) Phenol                     | 7.11  | 94  | 288102 | 41.926 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.34  | 93  | 238792 | 40.647 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.81  | 146 | 279405 | 41.181 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.95  | 146 | 279611 | 41.609 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.28  | 146 | 262013 | 41.251 | ng | 98     |
| 15) Benzyl Alcohol             | 8.16  | 79  | 205006 | 41.704 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.45  | 45  | 324257 | 40.780 | ng | 99     |
| 17) 2-Methylphenol             | 8.36  | 107 | 202570 | 41.318 | ng | 98     |
| 18) Hexachloroethane           | 9.01  | 117 | 104016 | 41.248 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.72  | 70  | 189724 | 41.000 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.69  | 107 | 280288 | 41.483 | ng | 99     |
| 22) Acetophenone               | 8.74  | 105 | 372363 | 40.140 | ng | 99     |
| 24) Nitrobenzene               | 9.12  | 77  | 262560 | 39.818 | ng | 99     |
| 25) Isophorone                 | 9.65  | 82  | 497864 | 39.546 | ng | 98     |
| 26) 2-Nitrophenol              | 9.83  | 139 | 137697 | 40.244 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.90  | 122 | 197060 | 40.800 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.13 | 93  | 340131 | 40.500 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.37 | 162 | 234840 | 40.211 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.59 | 180 | 269302 | 40.215 | ng | 98     |
| 31) Naphthalene                | 10.77 | 128 | 743753 | 40.201 | ng | 99     |
| 32) Benzoic acid               | 10.05 | 122 | 101366 | 36.627 | ng | 92     |
| 33) 4-Chloroaniline            | 10.87 | 127 | 338057 | 40.176 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.07 | 225 | 163866 | 39.768 | ng | 98     |
| 35) Caprolactam                | 11.64 | 113 | 85234  | 39.841 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.01 | 107 | 242430 | 39.593 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.38 | 142 | 547935 | 39.889 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.60 | 142 | 516199 | 39.859 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.75 | 216 | 293577 | 40.367 | ng | 99     |

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 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

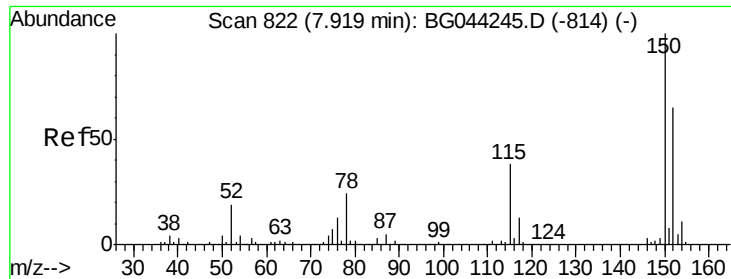
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG013020

Quant Time: Jan 30 16:38:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 30 16:05:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.74 | 237  | 141529   | 40.557 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.99 | 196  | 189491   | 40.310 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.06 | 196  | 201597   | 41.986 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.39 | 154  | 715112   | 40.777 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.44 | 162  | 567539   | 40.669 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.63 | 65   | 164594   | 39.966 | ng    | 98       |
| 49) Acenaphthylene             | 14.28 | 152  | 829570   | 40.530 | ng    | 100      |
| 50) Dimethylphthalate          | 14.02 | 163  | 703000   | 40.225 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.13 | 165  | 156364   | 40.127 | ng    | 100      |
| 52) Acenaphthene               | 14.62 | 154  | 534956   | 40.322 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.46 | 138  | 171280   | 39.730 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.66 | 184  | 81358    | 39.502 | ng    | 99       |
| 55) Dibenzofuran               | 14.96 | 168  | 815356   | 40.592 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.77 | 139  | 133399   | 42.243 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.92 | 165  | 220622   | 40.396 | ng    | 100      |
| 58) Fluorene                   | 15.61 | 166  | 638940   | 40.386 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.19 | 232  | 176153   | 40.616 | ng    | 99       |
| 60) Diethylphthalate           | 15.38 | 149  | 709148   | 40.723 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.60 | 204  | 343720   | 40.069 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.62 | 138  | 173858   | 40.359 | ng    | 97       |
| 63) Azobenzene                 | 15.89 | 77   | 610689   | 40.013 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.69 | 198  | 117714   | 41.045 | ng    | 100      |
| 66) n-Nitrosodiphenylamine     | 15.81 | 169  | 586311   | 40.268 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.50 | 248  | 223949   | 39.564 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.62 | 284  | 251283   | 39.624 | ng    | 99       |
| 69) Atrazine                   | 16.76 | 200  | 204398   | 40.957 | ng    | 97       |
| 70) Pentachlorophenol          | 16.96 | 266  | 121983   | 39.686 | ng    | 98       |
| 71) Phenanthrene               | 17.34 | 178  | 1028462  | 40.879 | ng    | 99       |
| 72) Anthracene                 | 17.44 | 178  | 1018668  | 40.954 | ng    | 98       |
| 73) Carbazole                  | 17.70 | 167  | 941982   | 41.080 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.27 | 149  | 1189468  | 41.977 | ng    | 99       |
| 75) Fluoranthene               | 19.35 | 202  | 1208383  | 41.520 | ng    | 99       |
| 77) Benzidine                  | 19.53 | 184  | 507977   | 39.794 | ng    | 97       |
| 78) Pyrene                     | 19.72 | 202  | 1223327  | 41.392 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.61 | 149  | 564037   | 41.879 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.53 | 228  | 1177332  | 41.509 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.45 | 252  | 449181   | 40.805 | ng    | 100      |
| 83) Chrysene                   | 21.60 | 228  | 1142440  | 41.671 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.45 | 149  | 776512   | 41.887 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.62 | 149  | 1339539  | 41.763 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.16 | 276  | 1452085  | 40.598 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 23.67 | 252  | 1255014  | 40.730 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.73 | 252  | 1232020  | 41.024 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.50 | 252  | 1185459  | 40.691 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.22 | 278  | 1168662  | 40.533 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.25 | 276  | 1163941  | 40.326 | ng    | 97       |

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

Page: 3

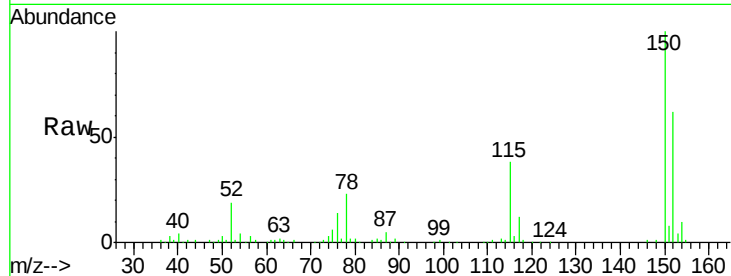


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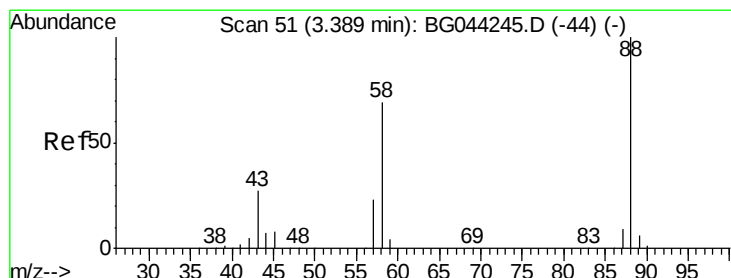
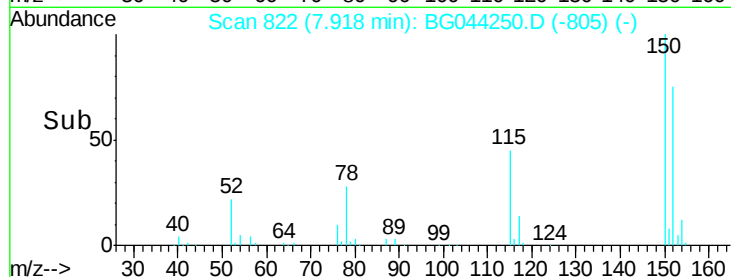
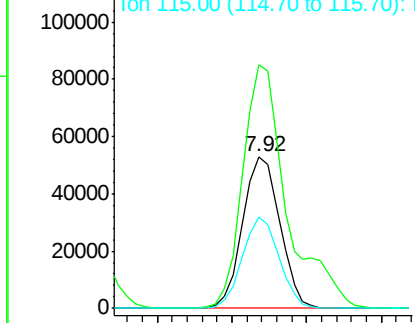
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.92 min Scan# 822  
 Delta R.T. -0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG013020

Tot Ion:152 Resp: 91253  
 Ion Ratio Lower Upper  
 152 100  
 150 160.4 122.6 183.8  
 115 60.3 46.0 69.0



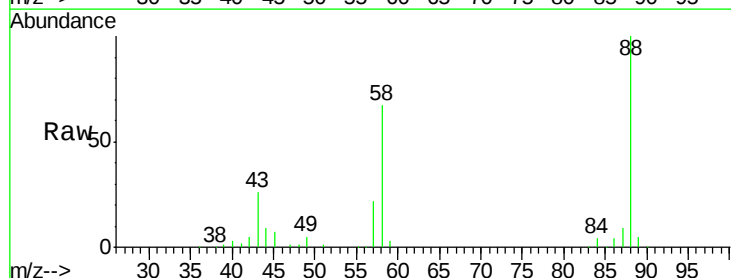
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 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



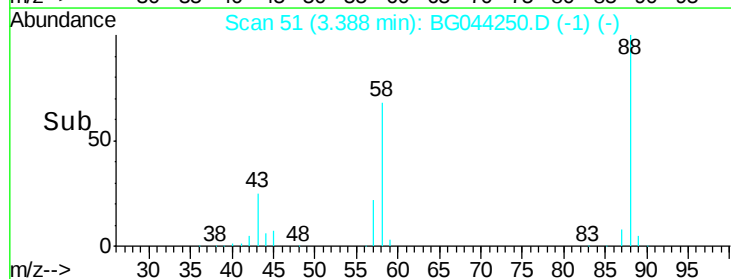
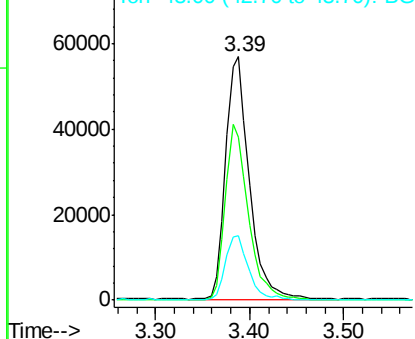
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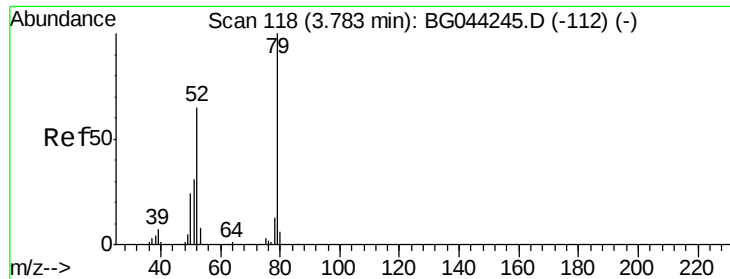
1,4-Dioxane  
 Concen: 42.643 ng  
 RT: 3.39 min Scan# 51  
 Delta R.T. -0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

Tgt Ion: 88 Resp: 99066  
 Ion Ratio Lower Upper  
 88 100  
 58 71.1 55.8 83.6  
 43 26.5 21.6 32.4



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: 45.704 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

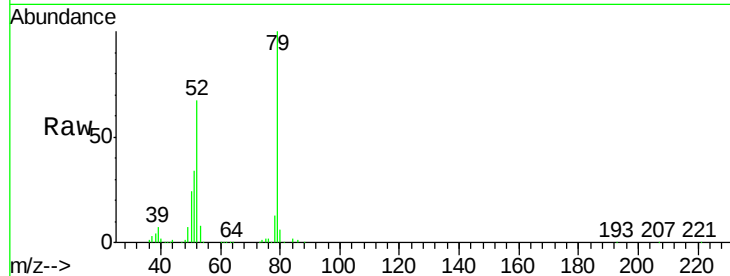
Tot Ion: 79 Resp: 282875

Ion Ratio Lower Upper

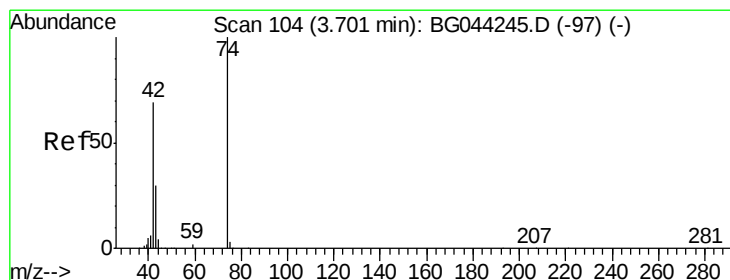
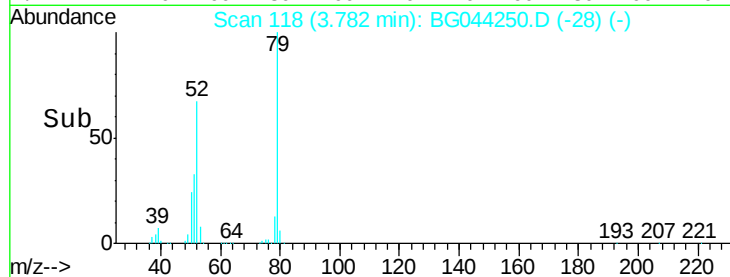
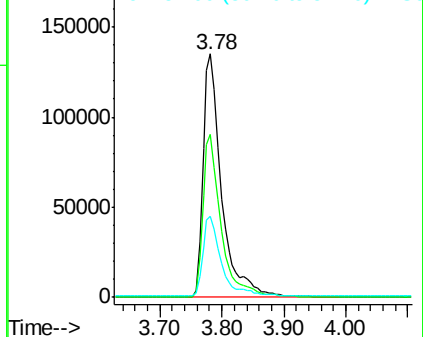
79 100

52 67.2 51.9 77.9

51 33.5 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 41.746 ng

RT: 3.69 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

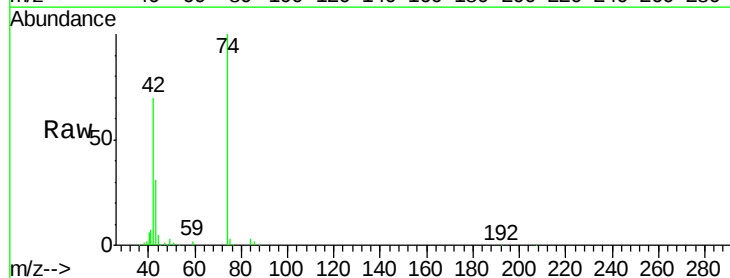
Tgt Ion: 42 Resp: 107969

Ion Ratio Lower Upper

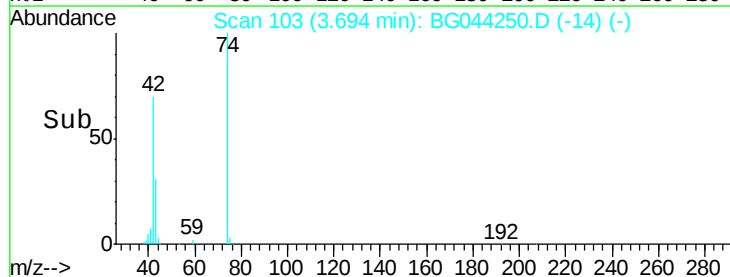
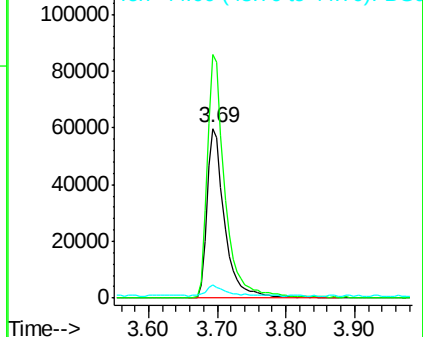
42 100

74 143.4 115.1 172.7

44 7.5 5.6 8.4



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





#5

2-Fluorophenol

Concen: 83.789 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

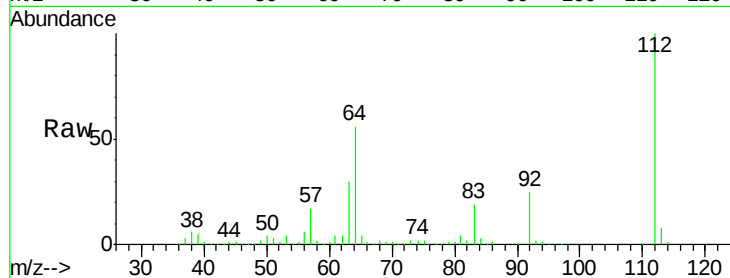
Tot Ion:112 Resp: 433240

Ion Ratio Lower Upper

112 100

64 56.1 45.4 68.2

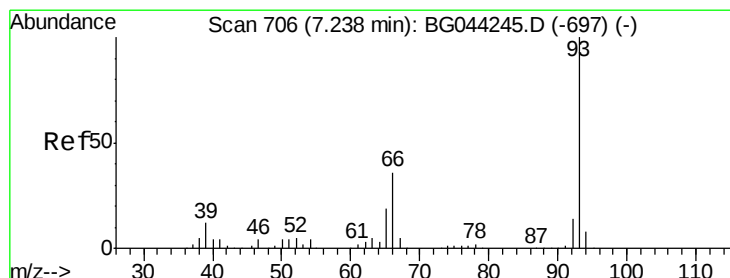
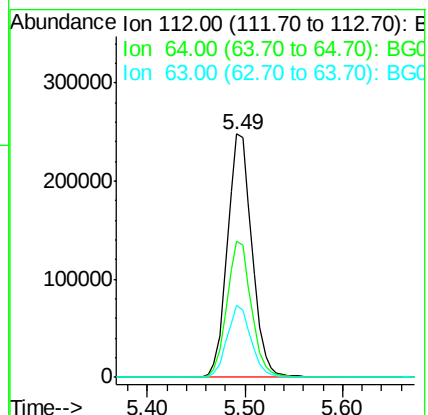
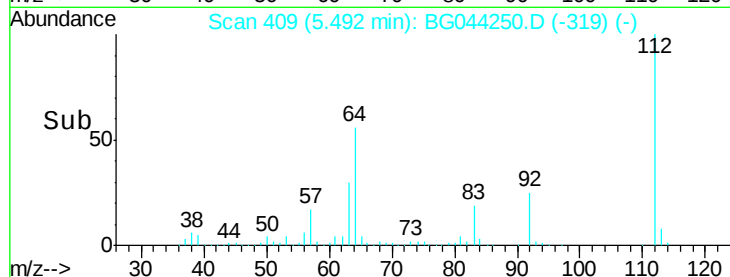
63 29.8 22.9 34.3



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: 41.494 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

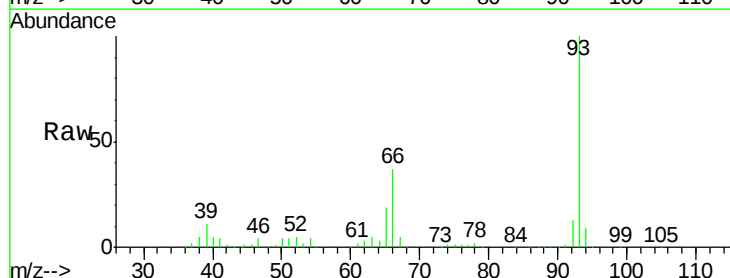
Tgt Ion: 93 Resp: 357616

Ion Ratio Lower Upper

93 100

66 36.6 28.7 43.1

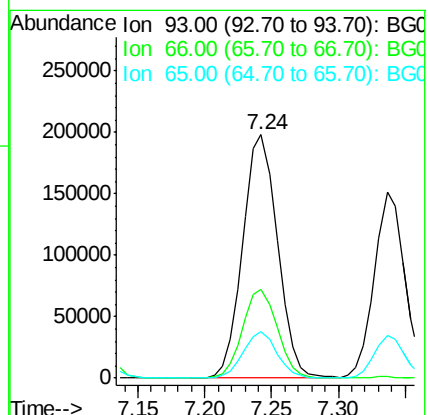
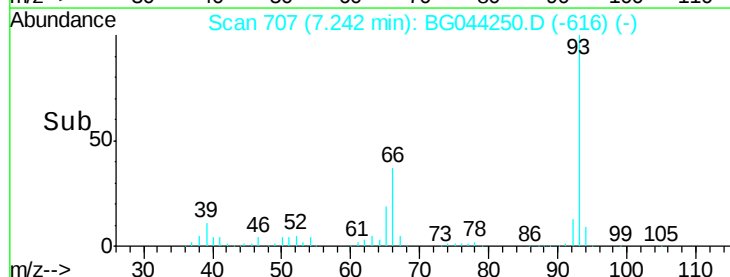
65 19.0 15.4 23.0

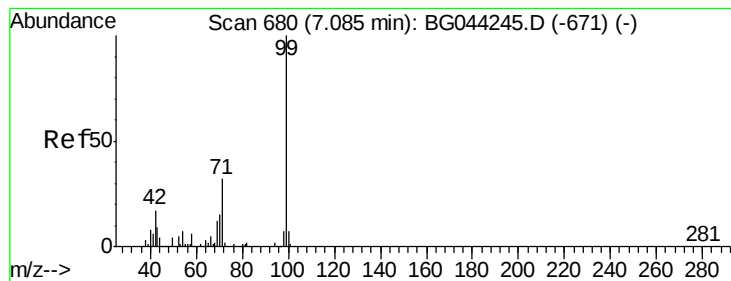


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.557 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

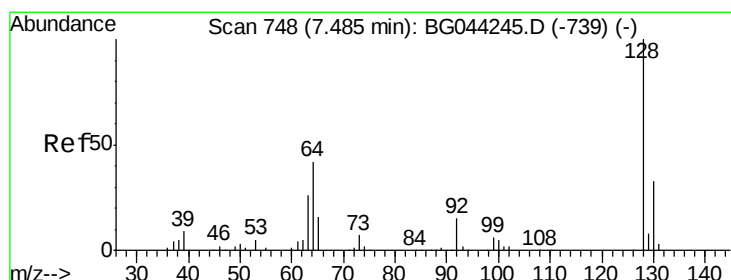
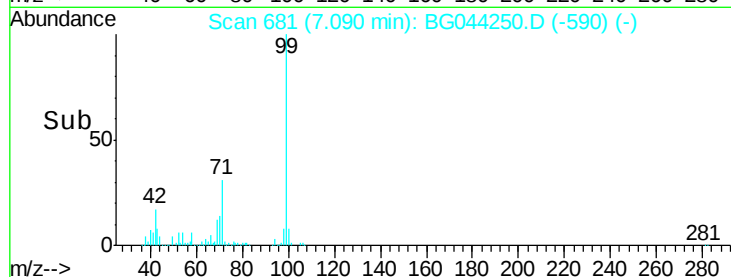
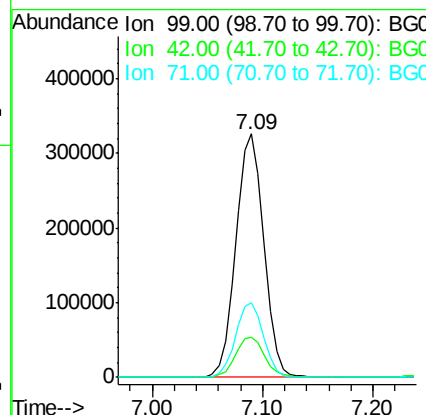
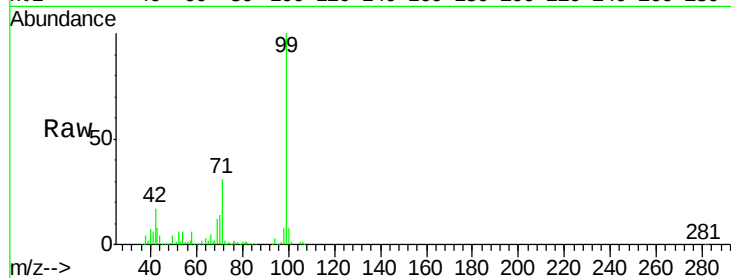
Tot Ion: 99 Resp: 580166

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.6

71 30.7 25.5 38.3



#8

2-Chlorophenol

Concen: 41.157 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

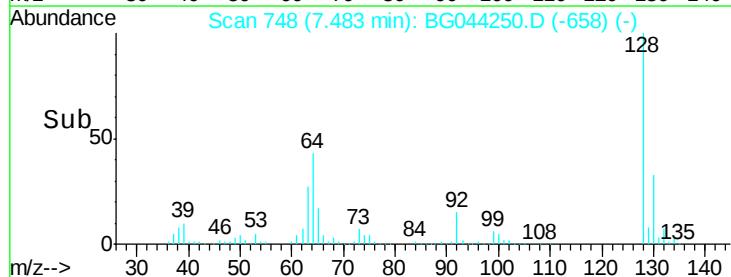
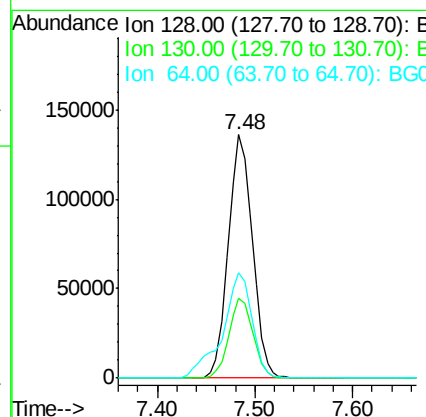
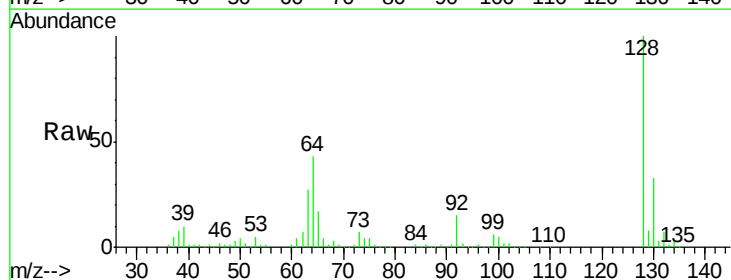
Tgt Ion: 128 Resp: 233880

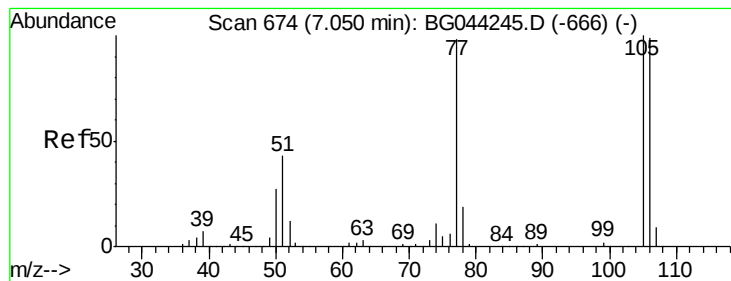
Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

64 43.3 24.2 64.2





#9

Benzaldehyde

Concen: 40.280 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044250.D

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Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

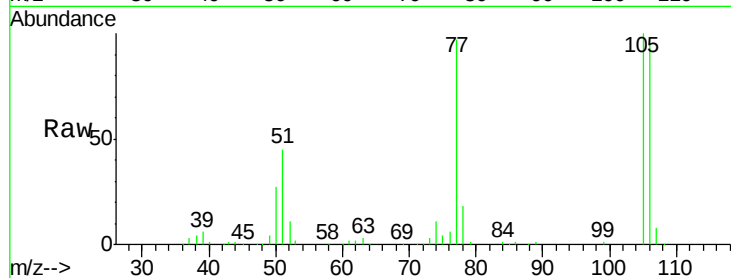
Tot Ion: 77 Resp: 159285

Ion Ratio Lower Upper

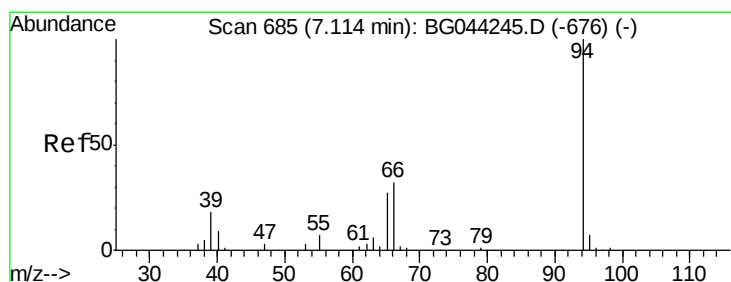
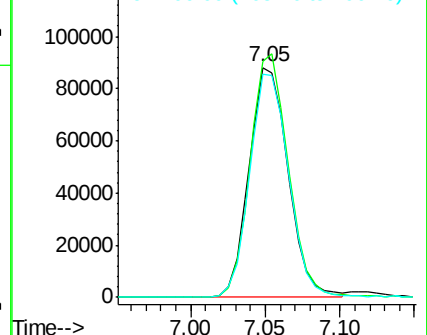
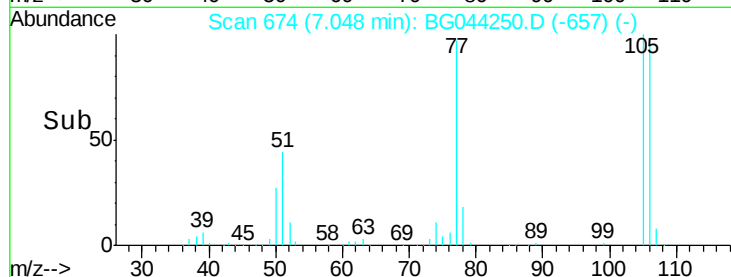
77 100

105 102.7 82.0 122.0

106 97.3 80.7 120.7



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: 41.926 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

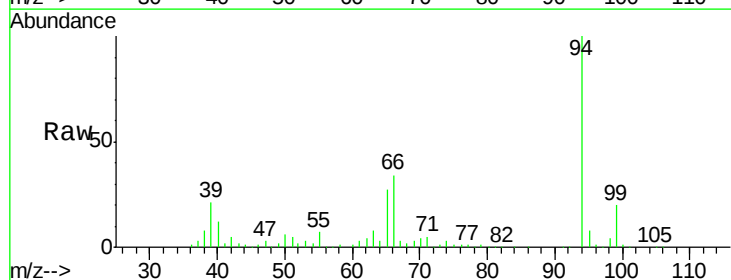
Tgt Ion: 94 Resp: 288102

Ion Ratio Lower Upper

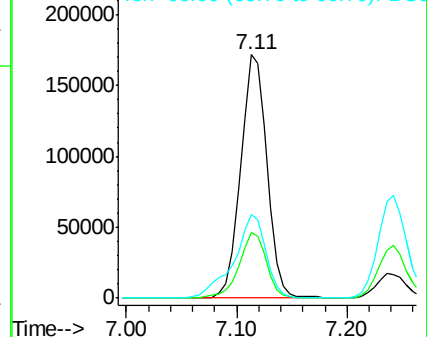
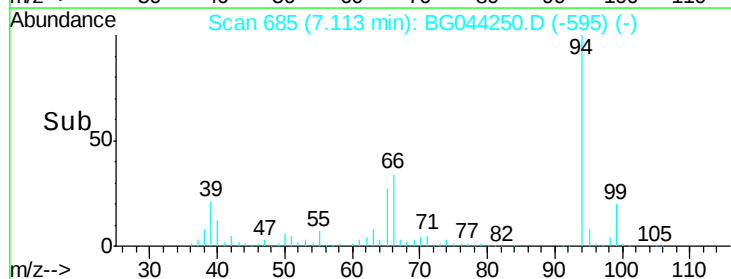
94 100

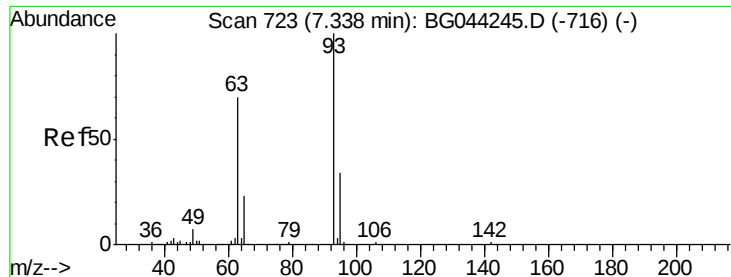
65 27.2 7.0 47.0

66 34.5 12.7 52.7



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: 40.647 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

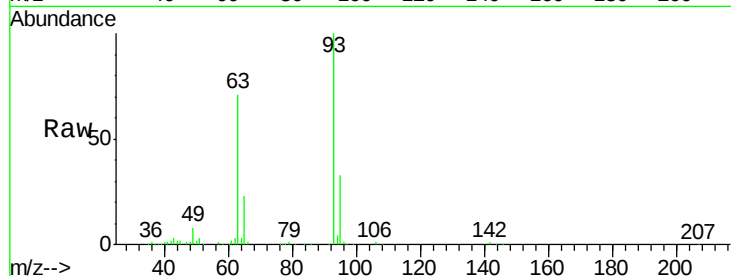
Tot Ion: 93 Resp: 238792

Ion Ratio Lower Upper

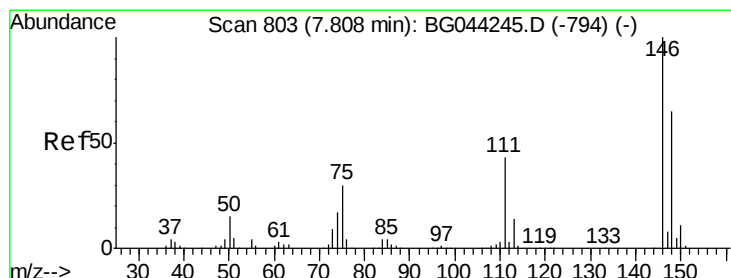
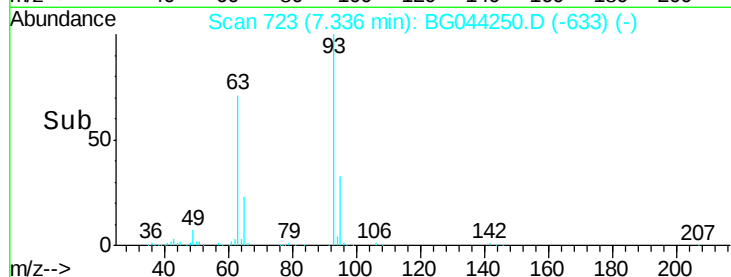
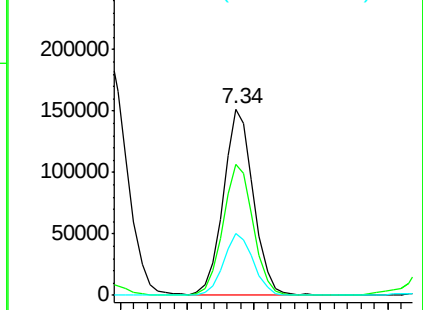
93 100

63 70.5 49.2 89.2

95 33.1 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.181 ng

RT: 7.81 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

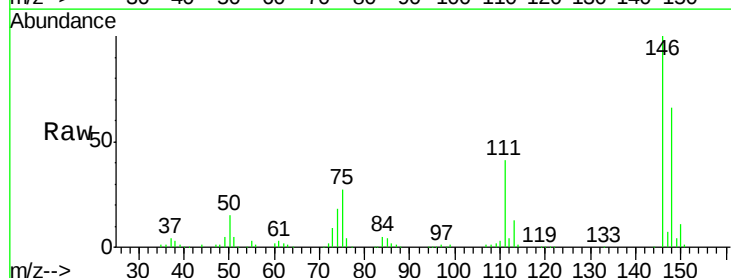
Tgt Ion: 146 Resp: 279405

Ion Ratio Lower Upper

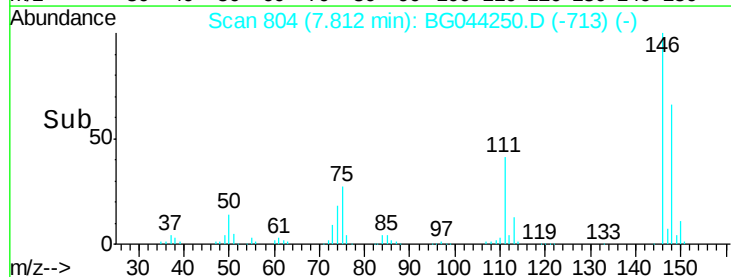
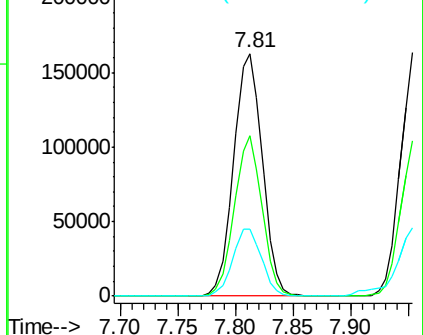
146 100

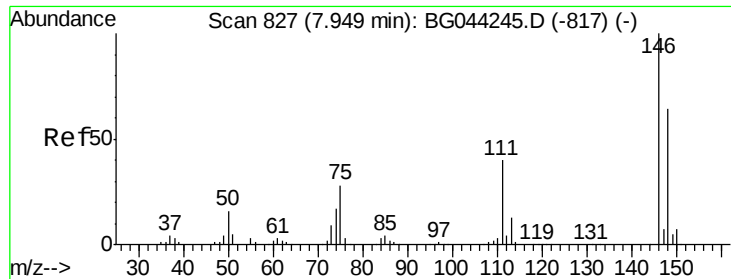
148 66.1 51.8 77.8

75 27.3 23.7 35.5



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

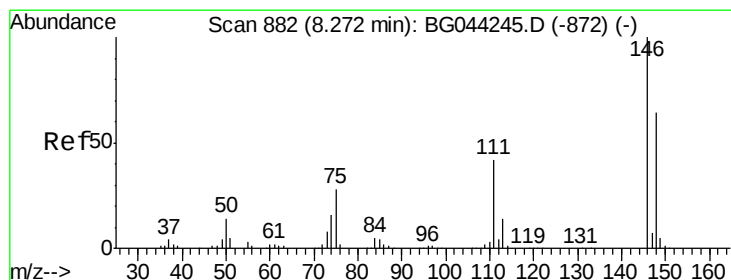
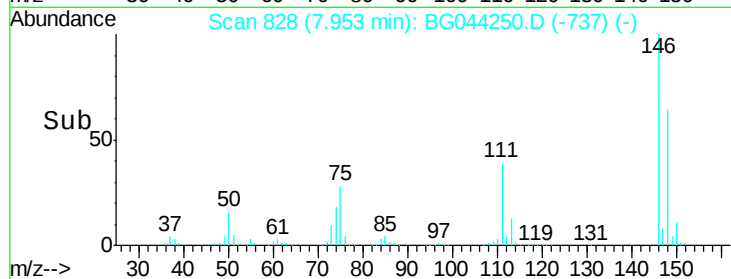
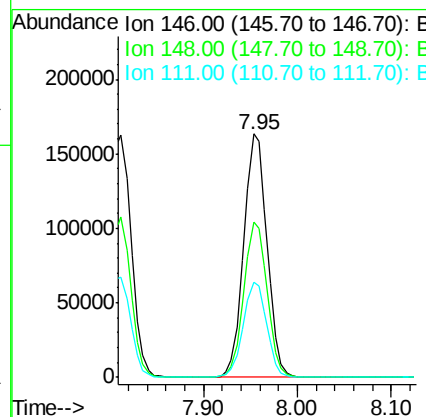
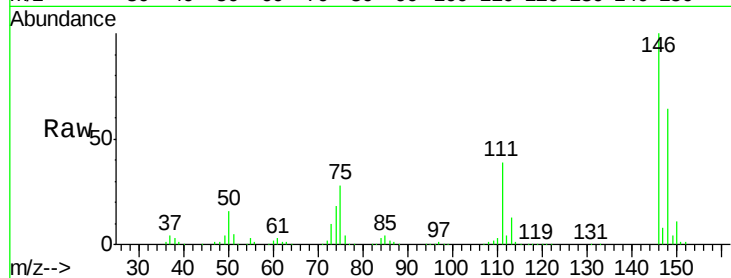




#13  
 1,4-Dichlorobenzene  
 Concen: 41.609 ng  
 RT: 7.95 min Scan# 828  
 Delta R.T. 0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

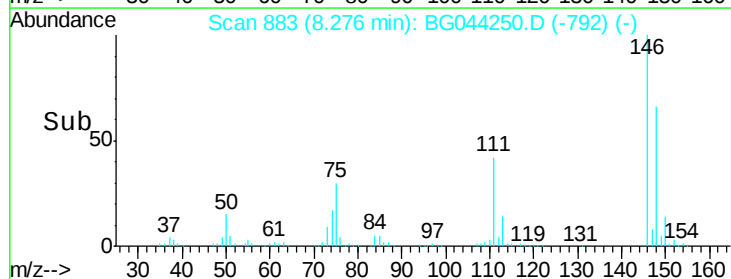
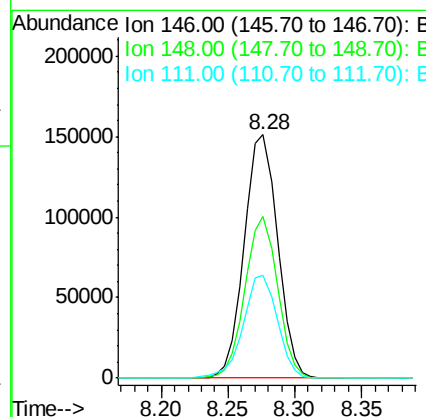
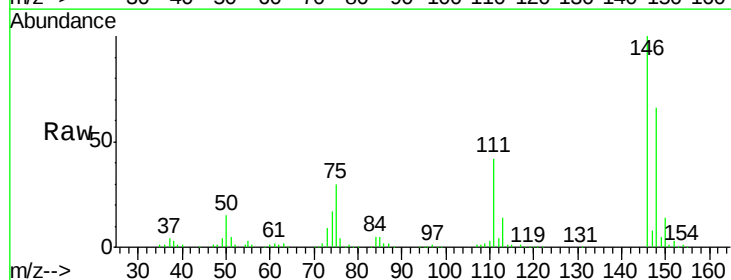
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG013020

Tot Ion:146 Resp: 279611  
 Ion Ratio Lower Upper  
 146 100  
 148 63.8 51.4 77.0  
 111 39.0 31.8 47.8



#14  
 1,2-Dichlorobenzene  
 Concen: 41.251 ng  
 RT: 8.28 min Scan# 883  
 Delta R.T. 0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

Tgt Ion:146 Resp: 262013  
 Ion Ratio Lower Upper  
 146 100  
 148 66.3 51.2 76.8  
 111 42.3 34.0 51.0





#15

Benzyl Alcohol

Concen: 41.704 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

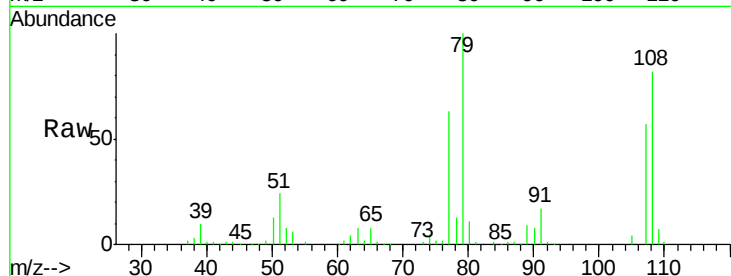
Tot Ion: 79 Resp: 205006

Ion Ratio Lower Upper

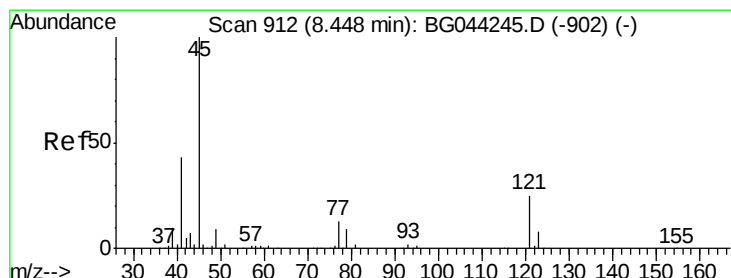
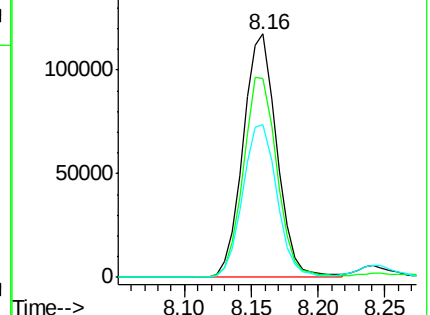
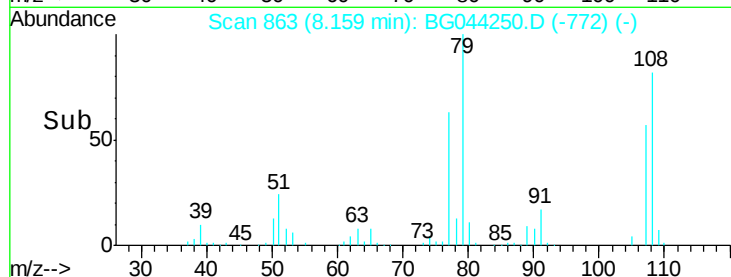
79 100

108 81.8 68.3 102.5

77 63.0 51.8 77.8



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: 40.780 ng

RT: 8.45 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

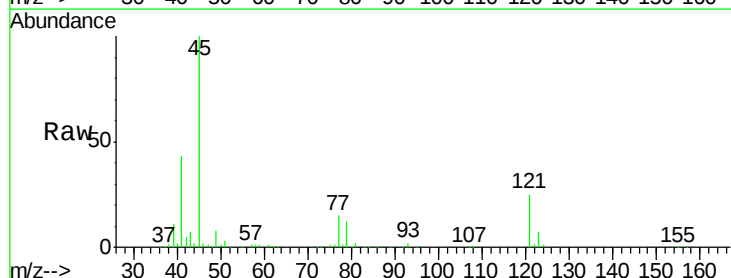
Tgt Ion: 45 Resp: 324257

Ion Ratio Lower Upper

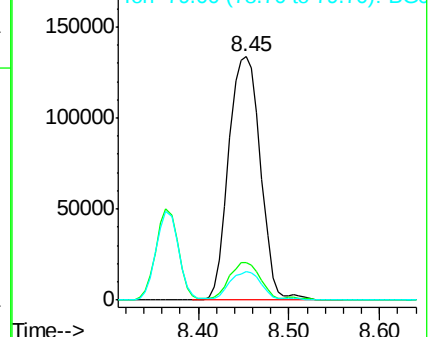
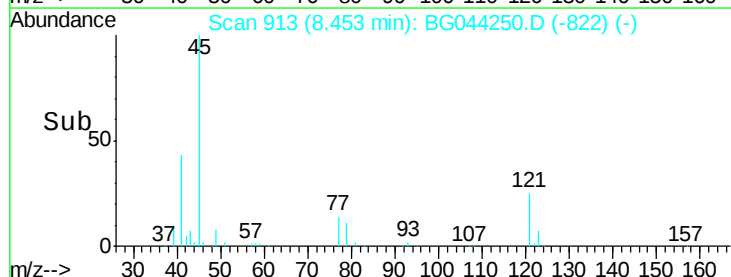
45 100

77 15.3 0.0 35.2

79 11.7 0.0 31.1



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

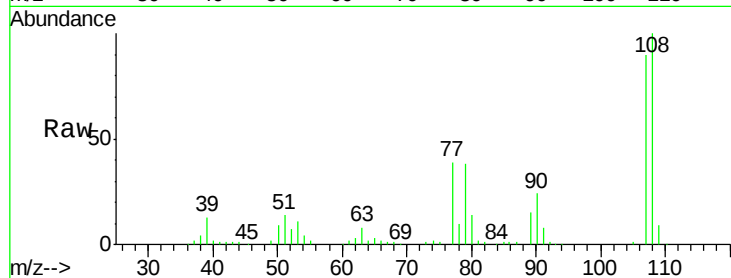




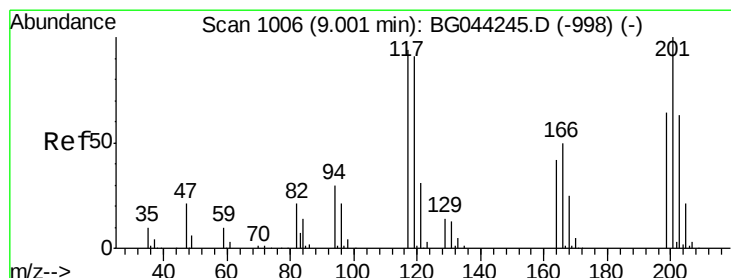
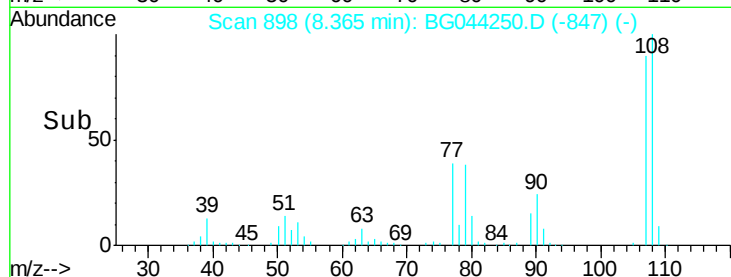
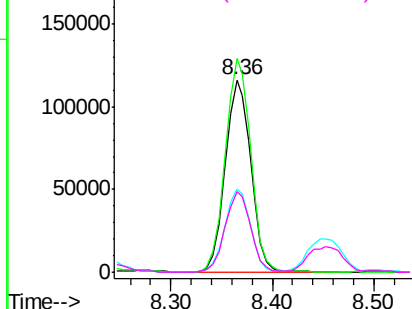
#17  
2-Methylphenol  
Concen: 41.318 ng  
RT: 8.36 min Scan# 898  
Delta R.T. -0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 202570 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.9 | 86.4  | 129.6  |
| 77       | 43.3  | 34.0  | 51.0   |
| 79       | 41.7  | 32.9  | 49.3   |

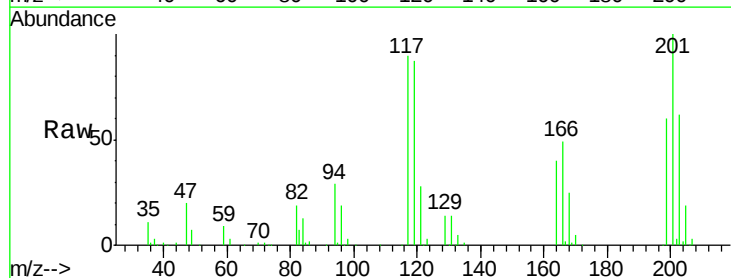


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

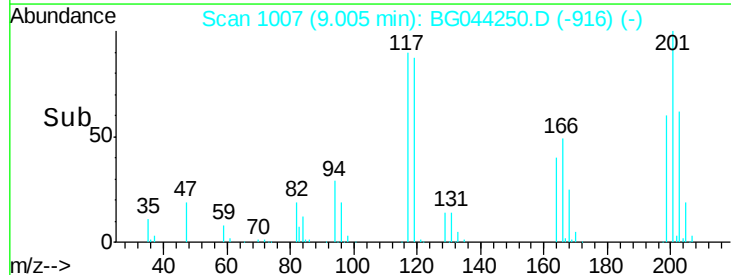
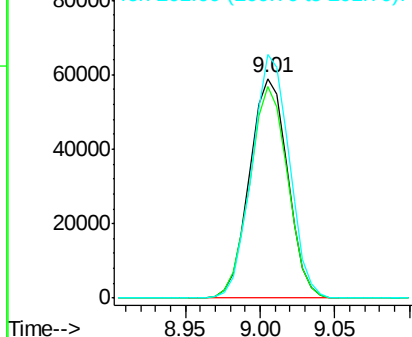


#18  
Hexachloroethane  
Concen: 41.248 ng  
RT: 9.01 min Scan# 1007  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 104016 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.5  | 77.5  | 116.3  |
| 201      | 110.7 | 84.9  | 127.3  |



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

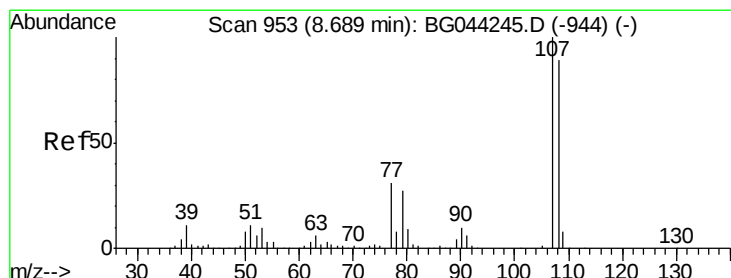
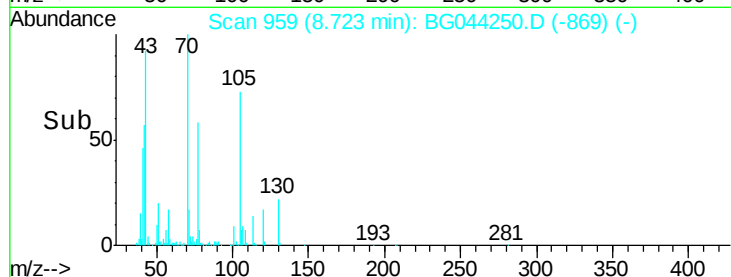
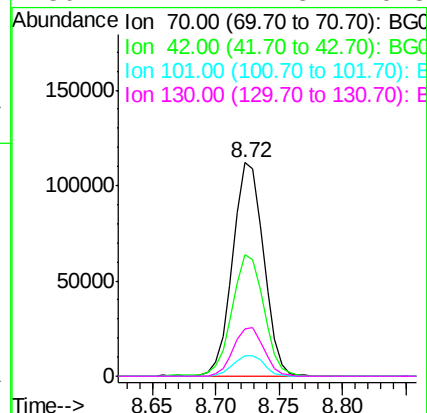
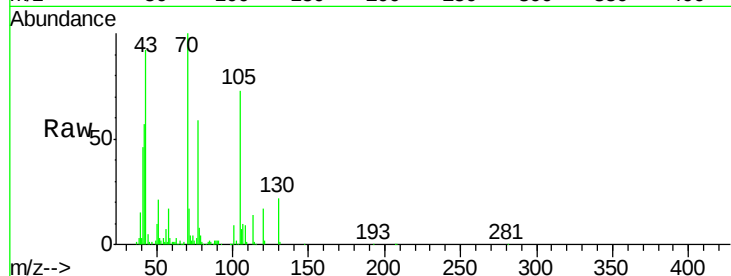




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.000 ng  
RT: 8.72 min Scan# 959  
Delta R.T. -0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

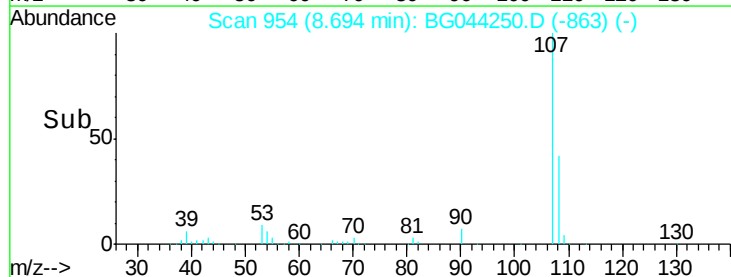
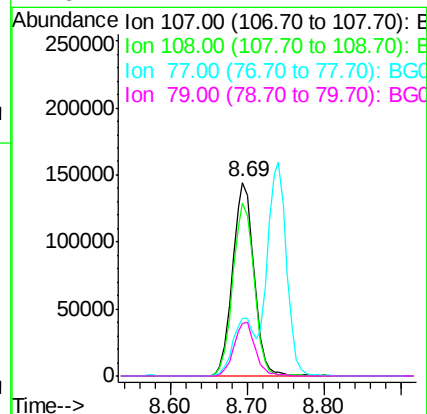
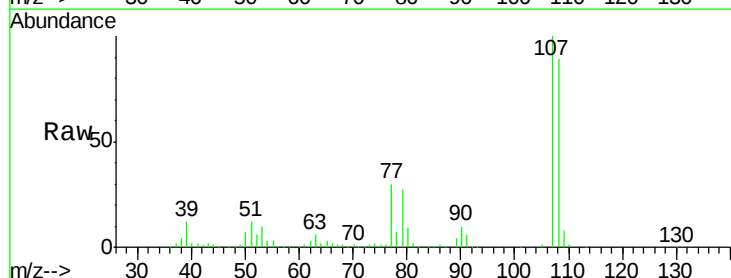
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

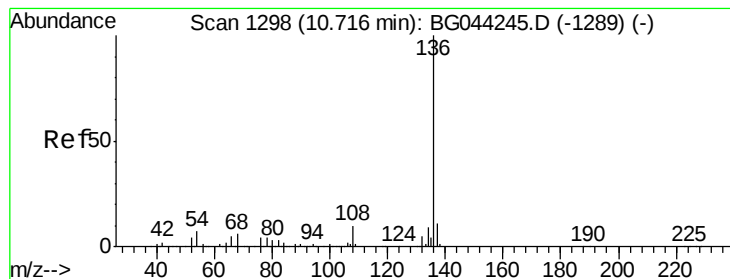
Tot Ion: 70 Resp: 189724  
Ion Ratio Lower Upper  
70 100  
42 57.0 46.2 69.2  
101 9.4 8.4 12.6  
130 22.1 17.8 26.8



#20  
3+4-Methylphenols  
Concen: 41.483 ng  
RT: 8.69 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Tgt Ion: 107 Resp: 280288  
Ion Ratio Lower Upper  
107 100  
108 89.2 68.5 108.5  
77 29.8 10.9 50.9  
79 27.2 7.1 47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

Tot Ion:136 Resp: 381331

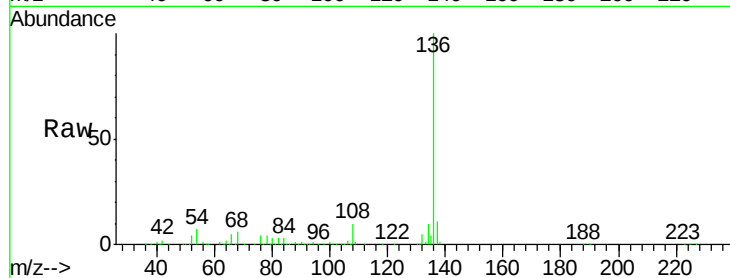
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.3 5.8 8.8

68 6.2 4.6 6.8

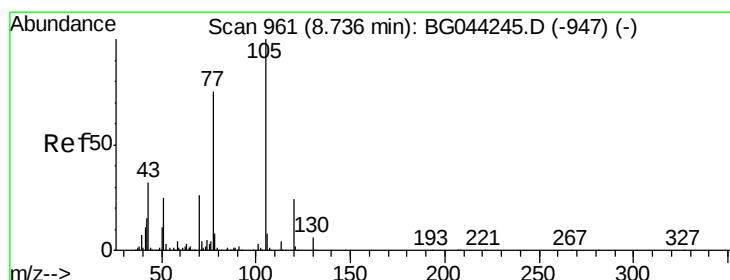
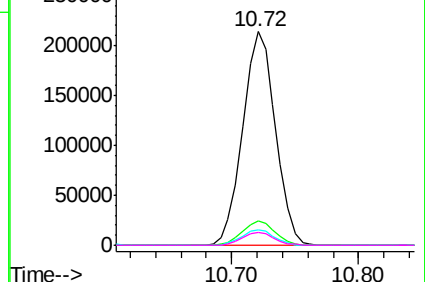
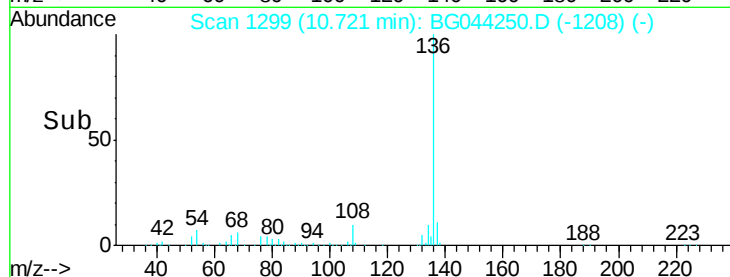


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.140 ng

RT: 8.74 min Scan# 962

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Tgt Ion:105 Resp: 372363

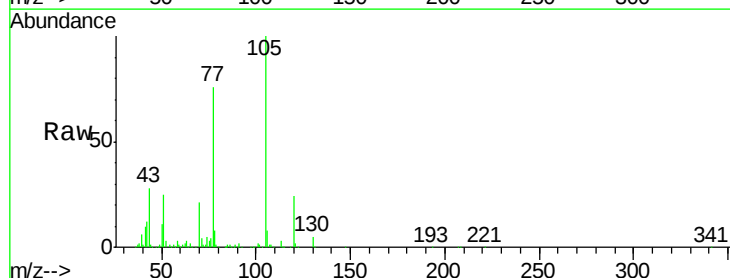
Ion Ratio Lower Upper

105 100

71 3.7 3.4 5.0

51 25.0 20.2 30.4

120 24.2 19.1 28.7

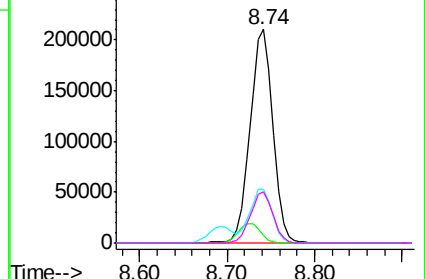
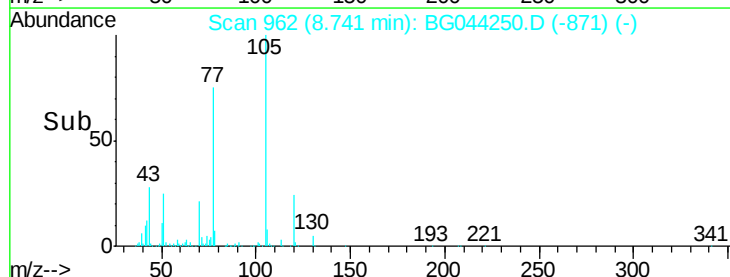


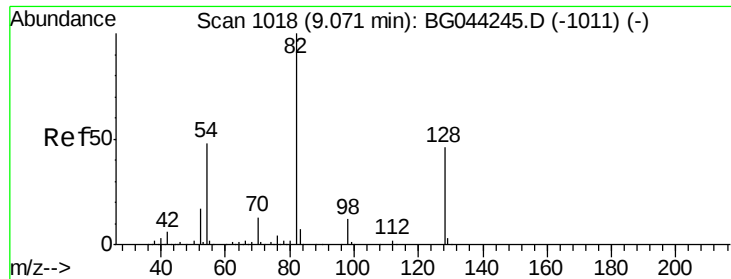
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

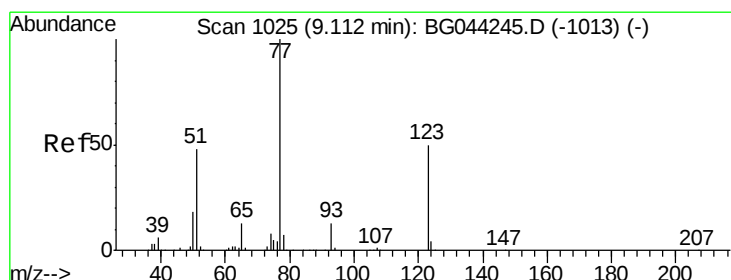
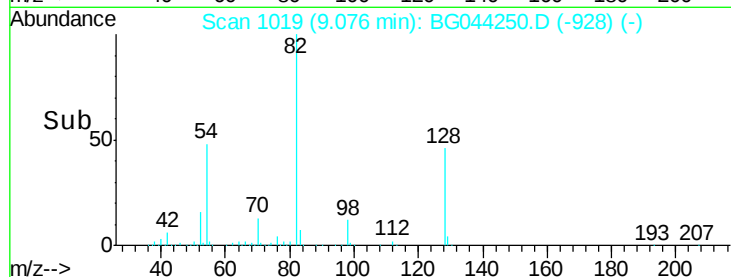
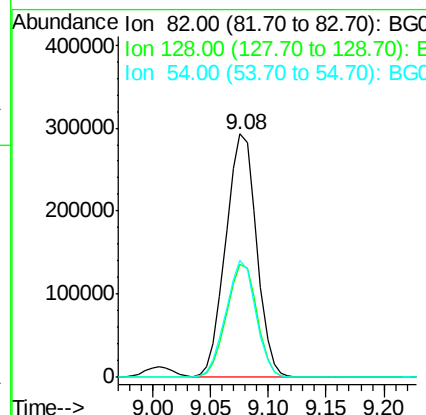
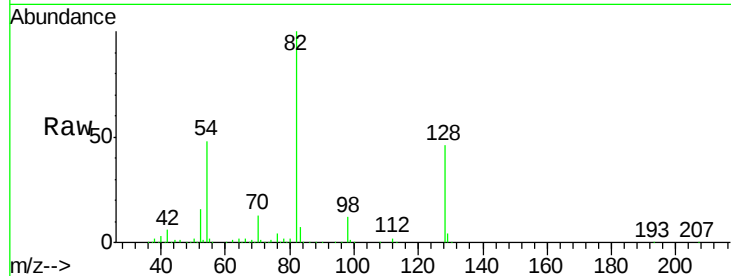




#23  
Nitrobenzene-d5  
Concen: 80.180 ng  
RT: 9.08 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

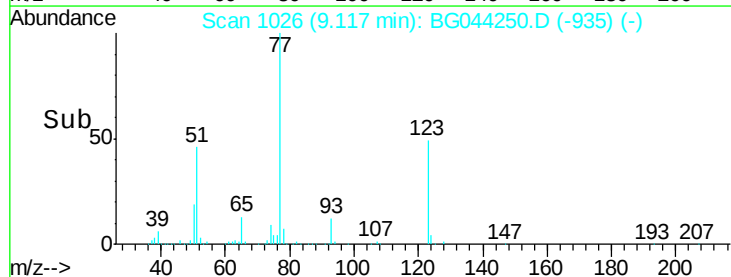
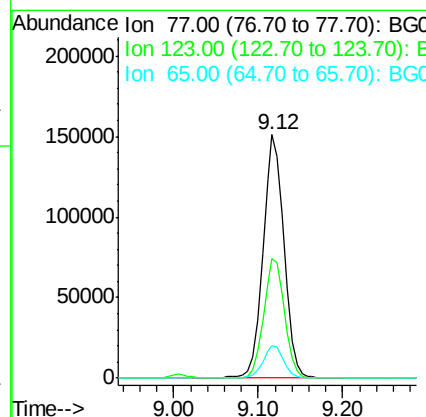
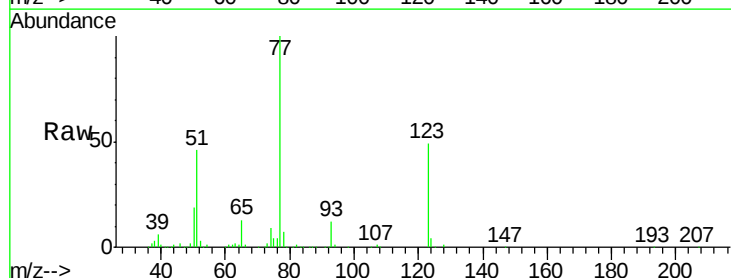
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

| Tot Ion   | 82    | Resp  | 541572 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 46.4  | 36.5  | 54.7   |
| 54        | 48.1  | 38.6  | 58.0   |



#24  
Nitrobenzene  
Concen: 39.818 ng  
RT: 9.12 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

| Tgt Ion   | 77    | Resp  | 262560 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 49.1  | 39.9  | 59.9   |
| 65        | 13.1  | 10.4  | 15.6   |





#25

Isophorone

Concen: 39.546 ng

RT: 9.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

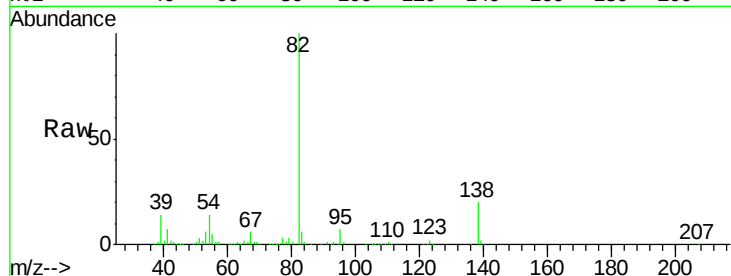
Tot Ion: 82 Resp: 497864

Ion Ratio Lower Upper

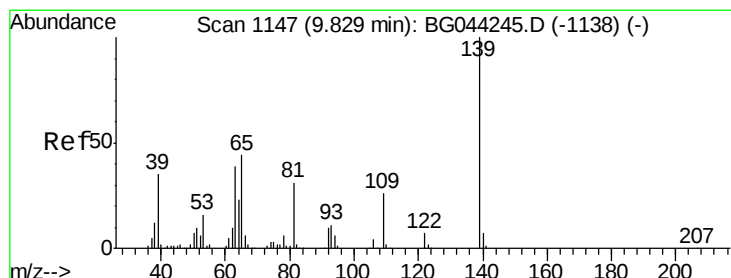
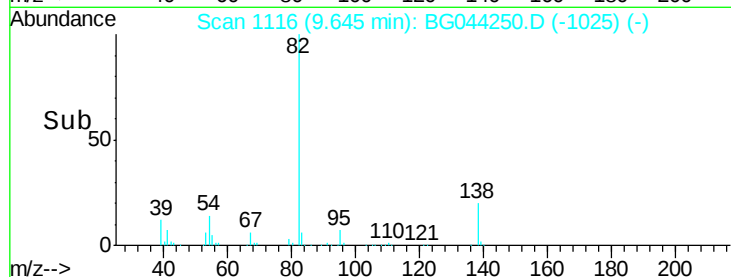
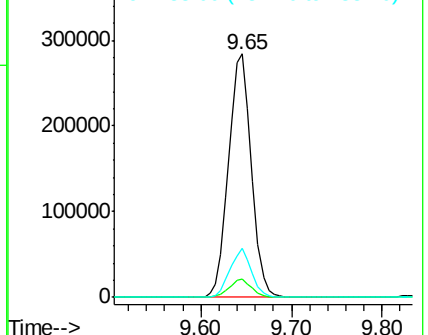
82 100

95 7.3 5.7 8.5

138 20.1 15.0 22.4



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



#26

2-Nitrophenol

Concen: 40.244 ng

RT: 9.83 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

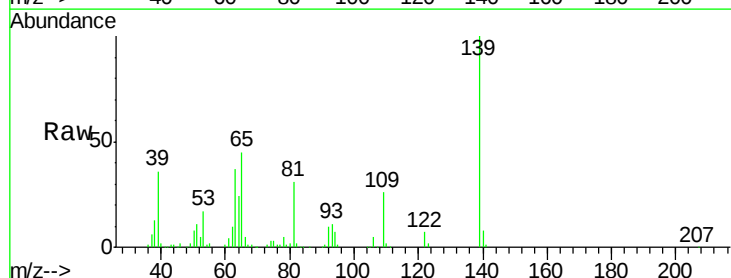
Tgt Ion: 139 Resp: 137697

Ion Ratio Lower Upper

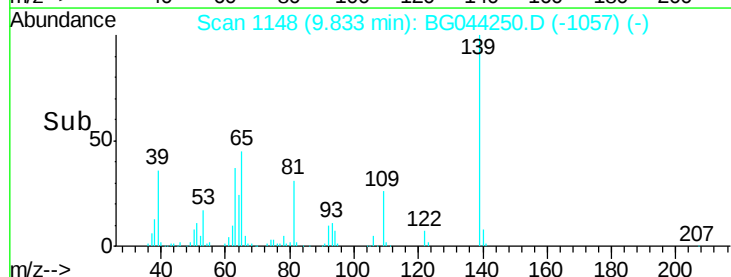
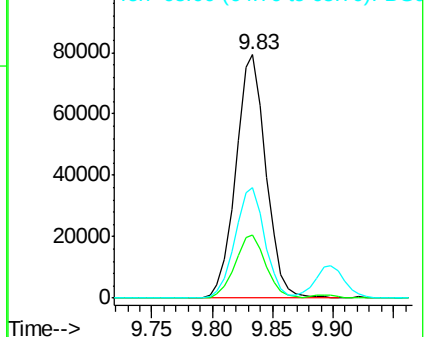
139 100

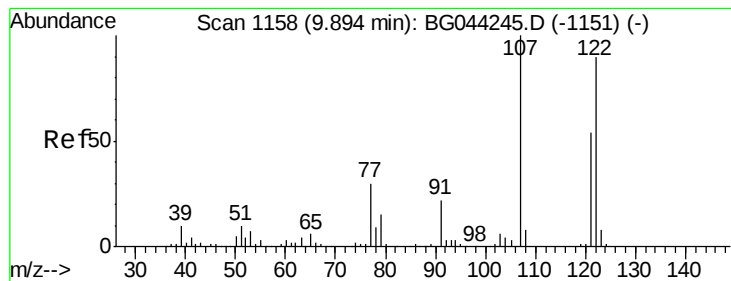
109 25.8 21.0 31.4

65 45.2 35.0 52.4



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





#27

2,4-Dimethylphenol

Concen: 40.800 ng

RT: 9.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

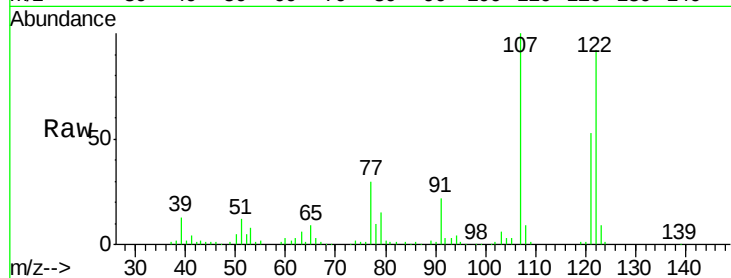
Tot Ion:122 Resp: 197060

Ion Ratio Lower Upper

122 100

107 108.9 88.8 133.2

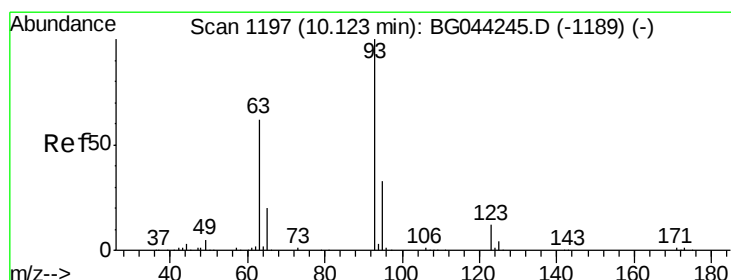
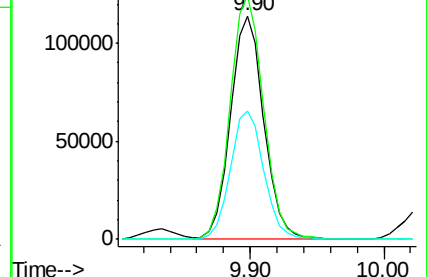
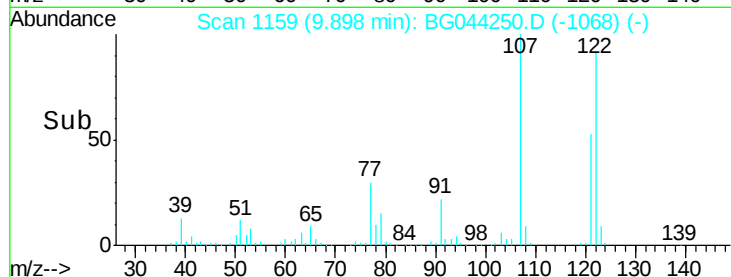
121 57.6 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.500 ng

RT: 10.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

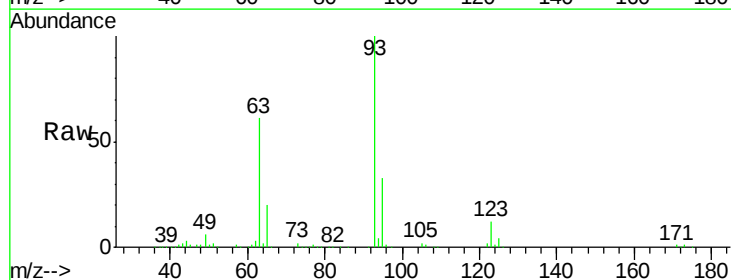
Tgt Ion: 93 Resp: 340131

Ion Ratio Lower Upper

93 100

95 33.5 26.6 40.0

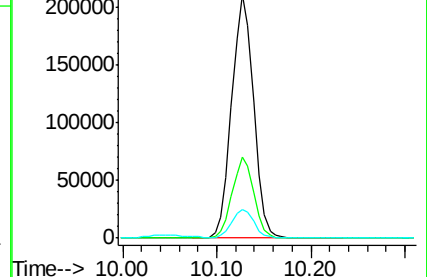
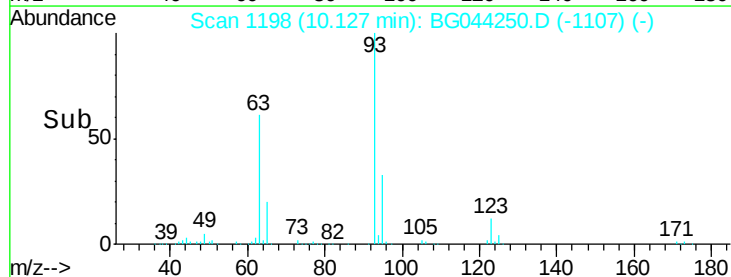
123 11.8 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

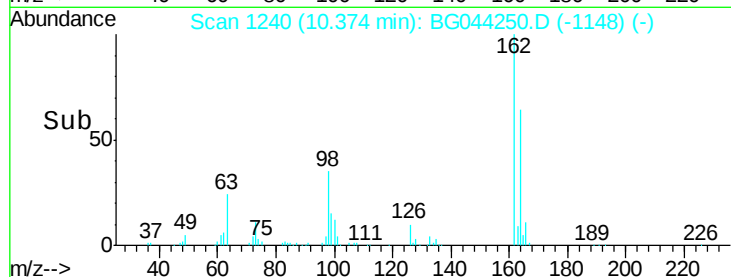
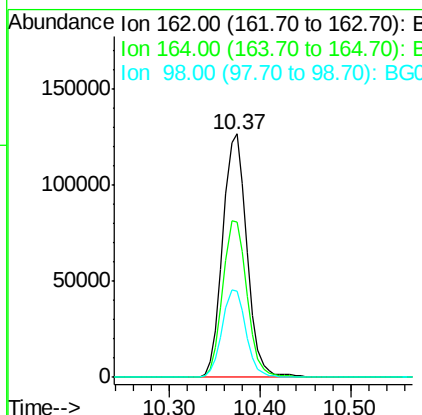
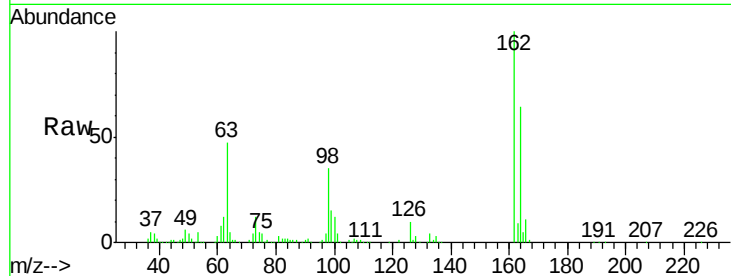




#29  
2,4-Dichlorophenol  
Concen: 40.211 ng  
RT: 10.37 min Scan# 1240  
Delta R.T. 0.01 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

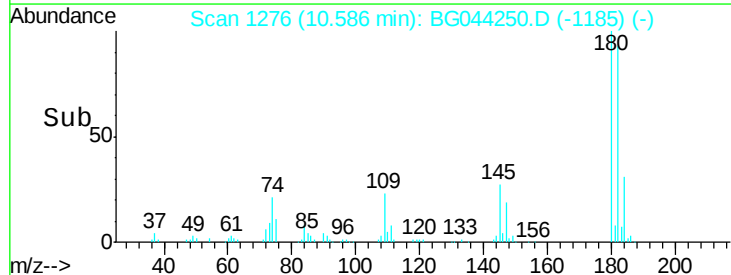
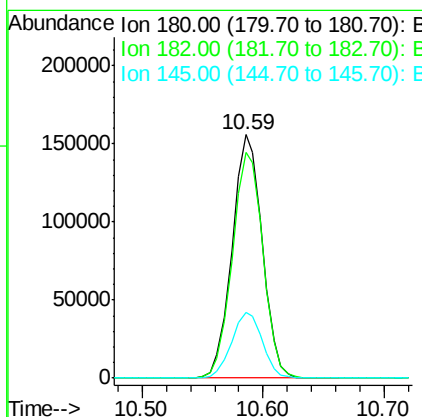
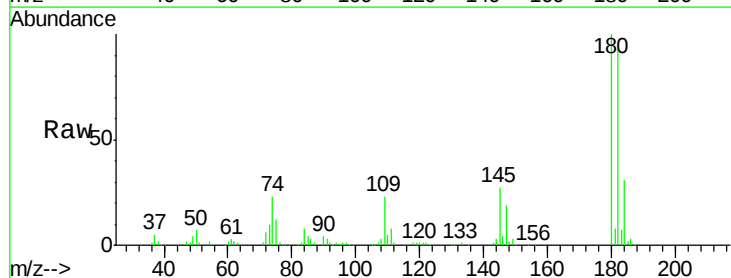
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.9  | 44.7  | 84.7  |
| 98      | 35.5  | 15.8  | 55.8  |



#30  
1,2,4-Trichlorobenzene  
Concen: 40.215 ng  
RT: 10.59 min Scan# 1276  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.8  | 75.5  | 113.3 |
| 145     | 27.1  | 22.6  | 34.0  |

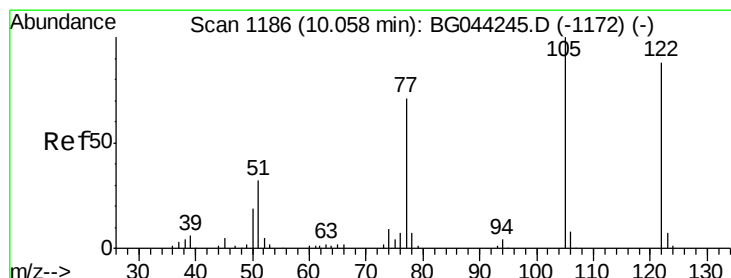
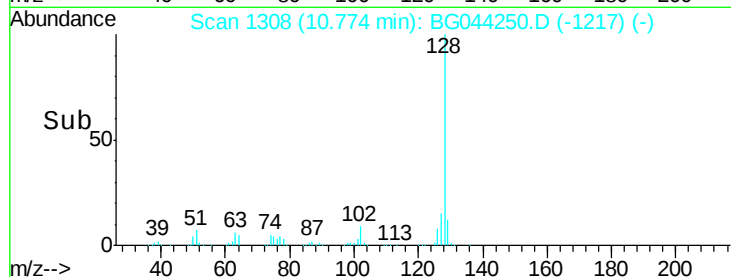
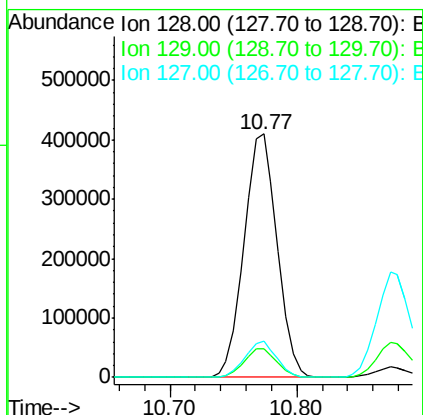
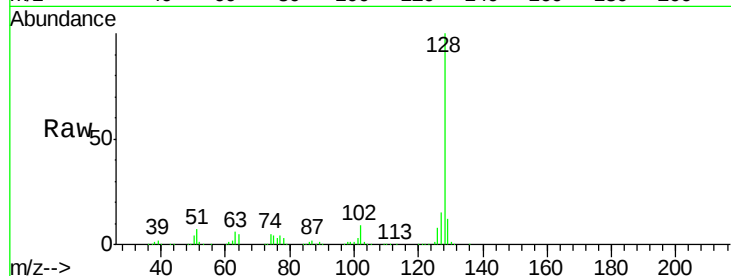




#31  
Naphthalene  
Concen: 40.201 ng  
RT: 10.77 min Scan# 1308  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

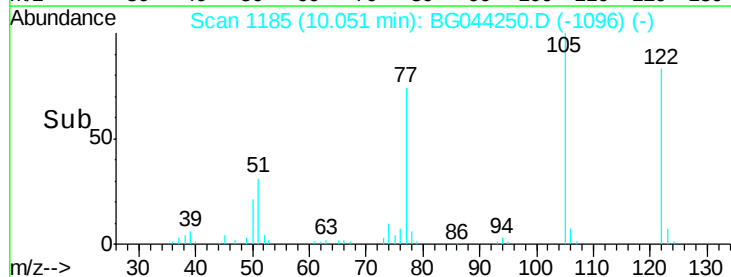
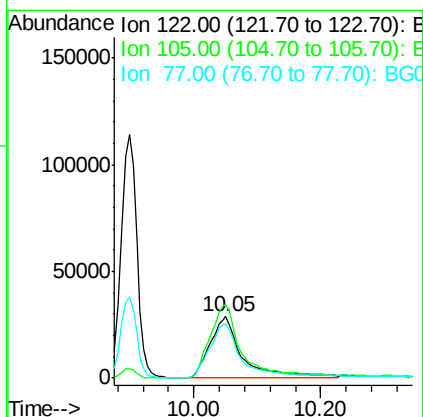
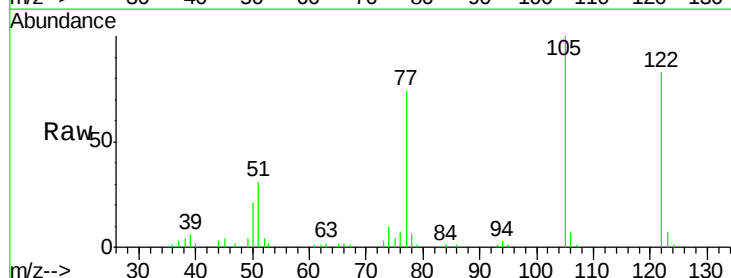
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

Tot Ion:128 Resp: 743753  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.3 13.9  
127 14.8 11.6 17.4



#32  
Benzoic acid  
Concen: 36.627 ng  
RT: 10.05 min Scan# 1185  
Delta R.T. -0.01 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Tgt Ion:122 Resp: 101366  
Ion Ratio Lower Upper  
122 100  
105 120.6 93.5 133.5  
77 89.3 61.0 101.0

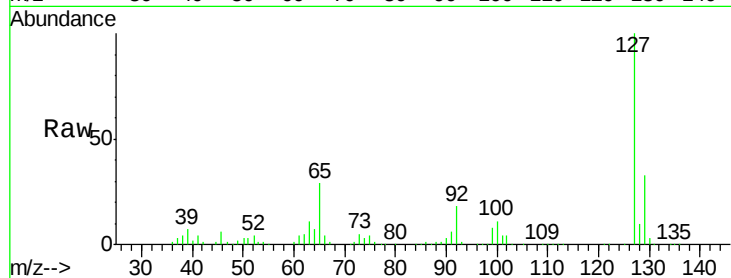




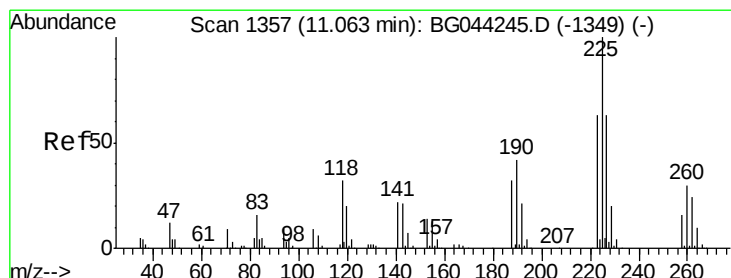
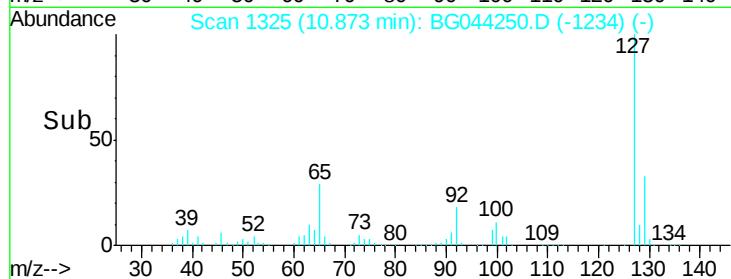
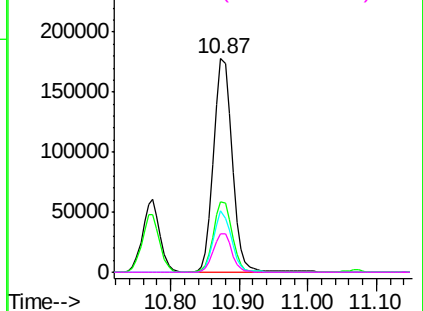
#33  
4-Chloroaniline  
Concen: 40.176 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 338057 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 26.6  | 40.0   |
| 65       | 28.8  | 22.5  | 33.7   |
| 92       | 18.3  | 14.1  | 21.1   |

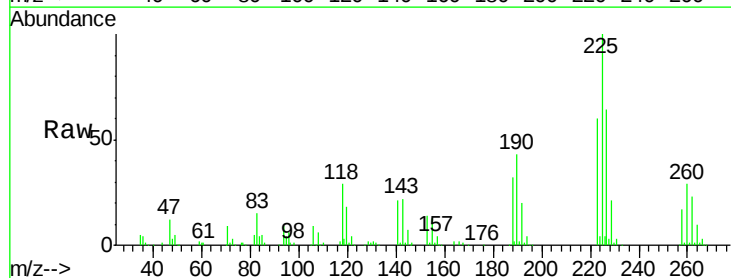


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

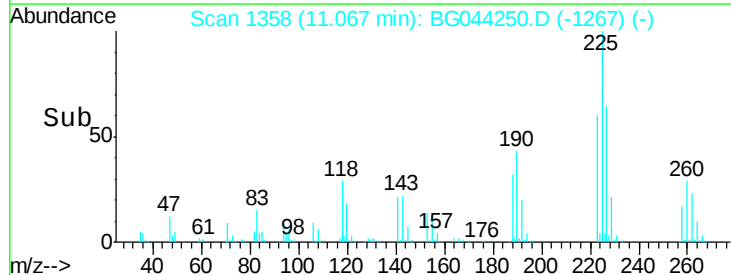
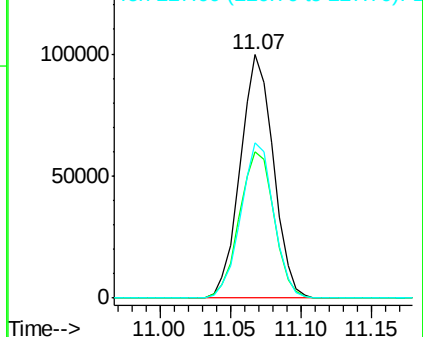


#34  
Hexachlorobutadiene  
Concen: 39.768 ng  
RT: 11.07 min Scan# 1358  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 163866 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.1  | 50.2  | 75.4   |
| 227      | 63.9  | 50.8  | 76.2   |



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





#35

Caprolactam

Concen: 39.841 ng

RT: 11.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

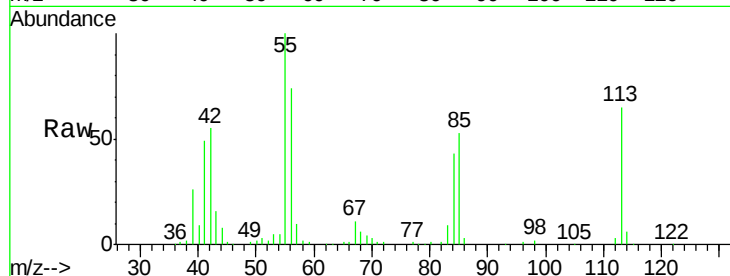
Tot Ion:113 Resp: 85234

Ion Ratio Lower Upper

113 100

55 155.0 129.9 169.9

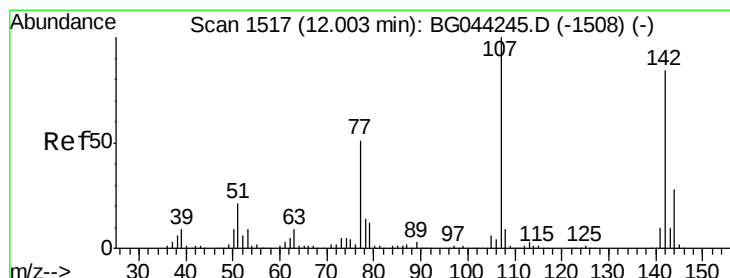
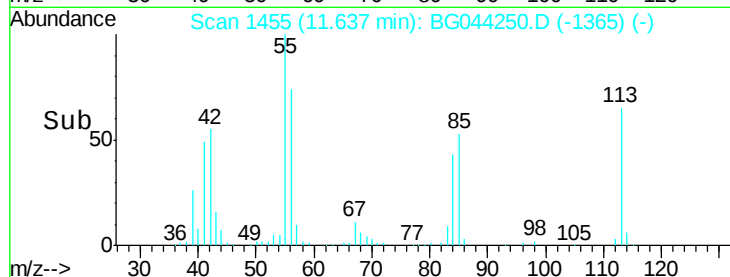
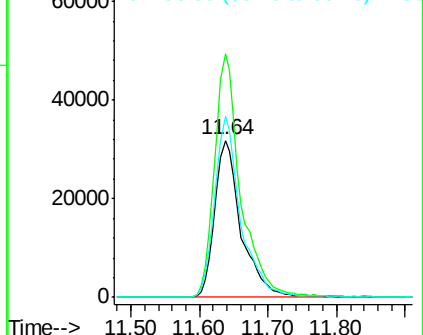
56 115.1 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.593 ng

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

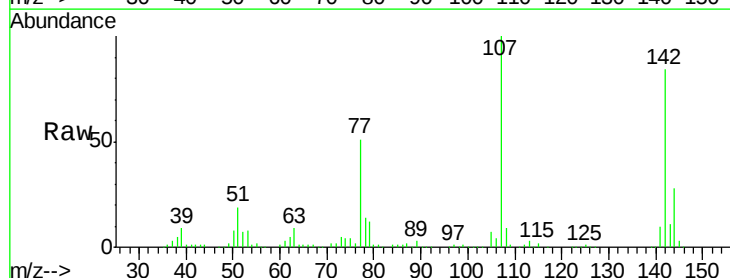
Tgt Ion:107 Resp: 242430

Ion Ratio Lower Upper

107 100

144 27.7 22.2 33.4

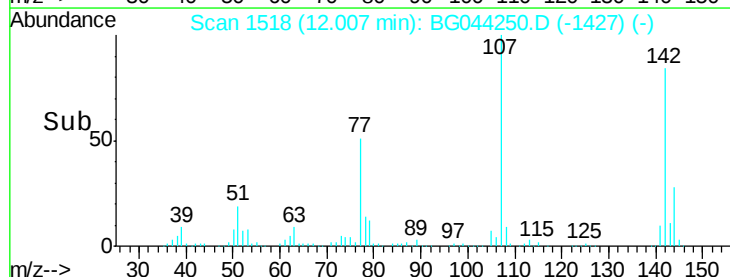
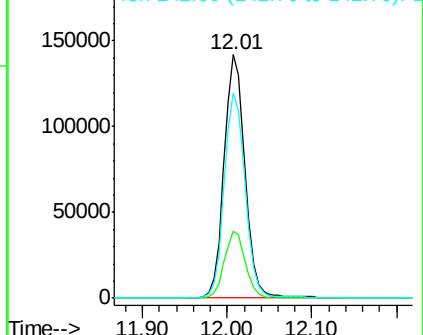
142 84.4 67.4 101.0

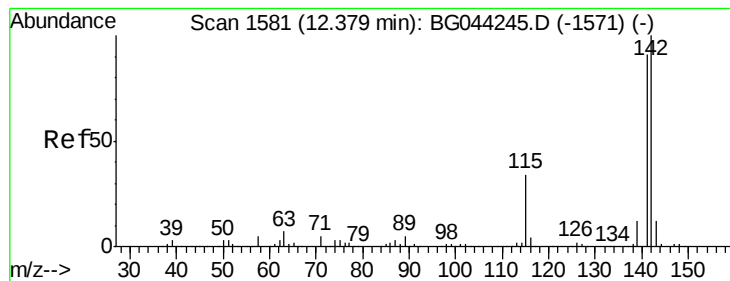


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.889 ng

RT: 12.38 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

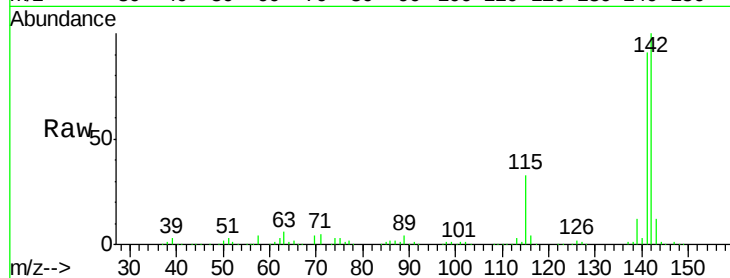
Tot Ion:142 Resp: 547935

Ion Ratio Lower Upper

142 100

141 90.7 73.2 109.8

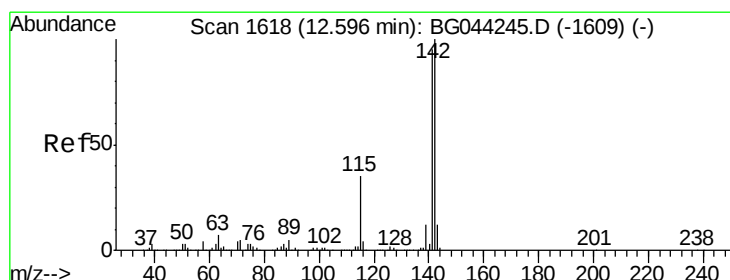
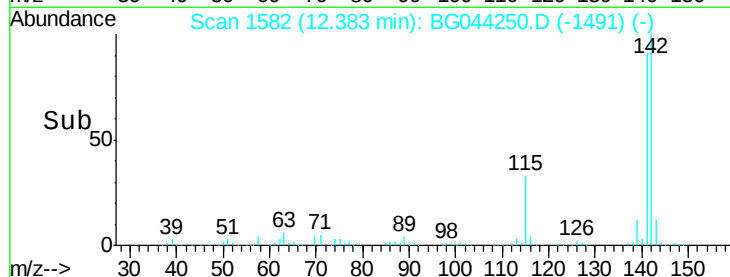
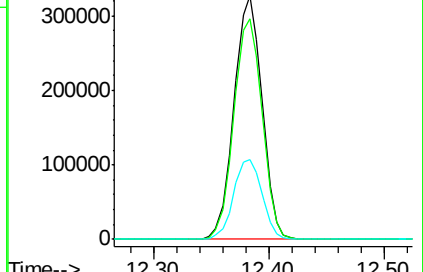
115 32.9 27.1 40.7



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: 39.859 ng

RT: 12.60 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

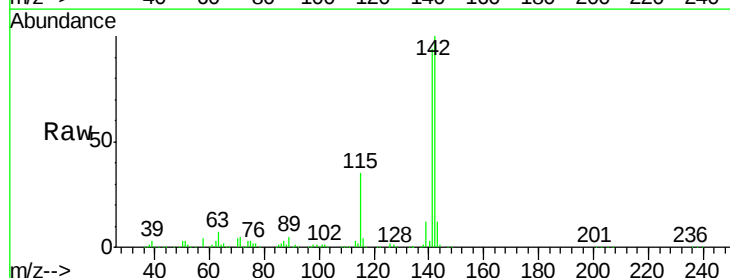
Tgt Ion:142 Resp: 516199

Ion Ratio Lower Upper

142 100

141 94.4 75.8 113.6

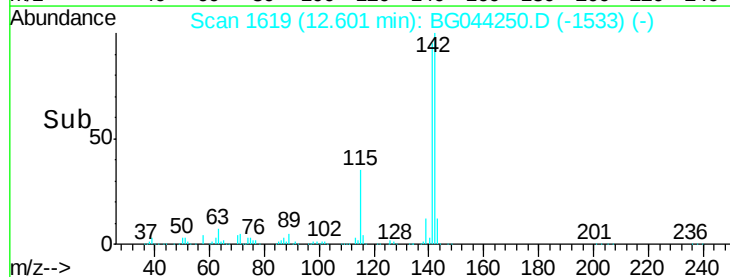
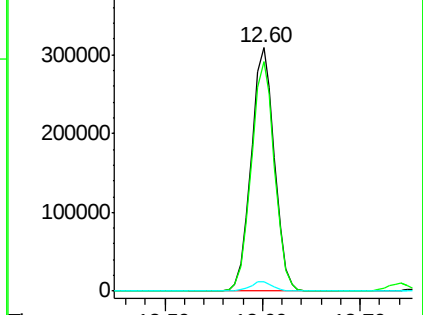
116 3.8 3.1 4.7



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: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

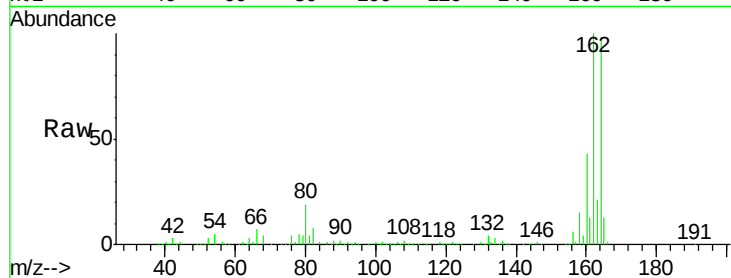
Tot Ion:164 Resp: 243126

Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

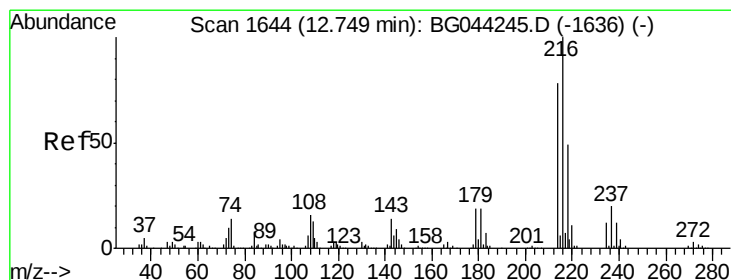
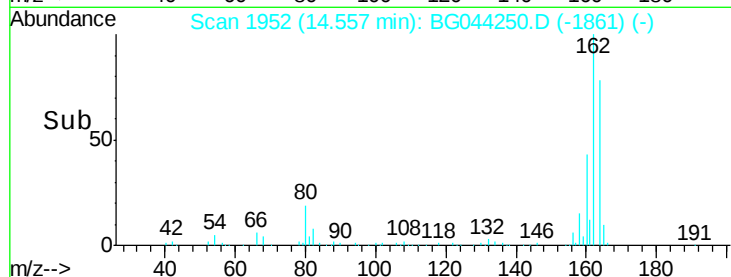
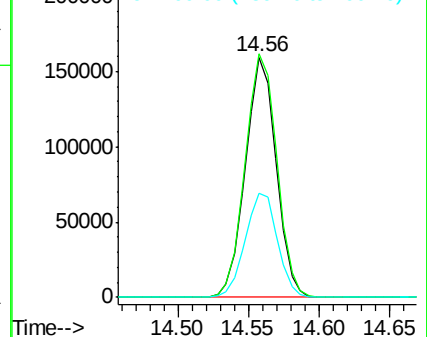
160 43.7 35.3 52.9



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: 40.367 ng

RT: 12.75 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Tgt Ion:216 Resp: 293577

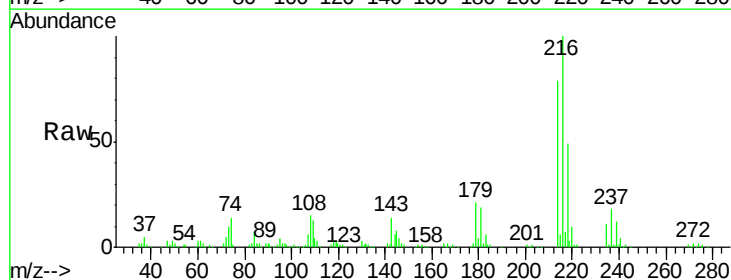
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 20.7 16.2 24.4

108 16.8 13.5 20.3

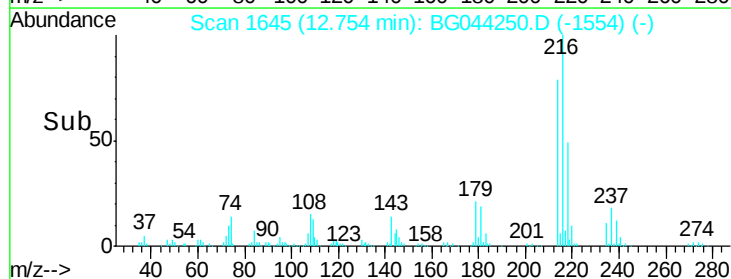
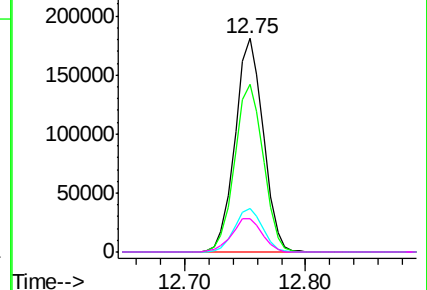


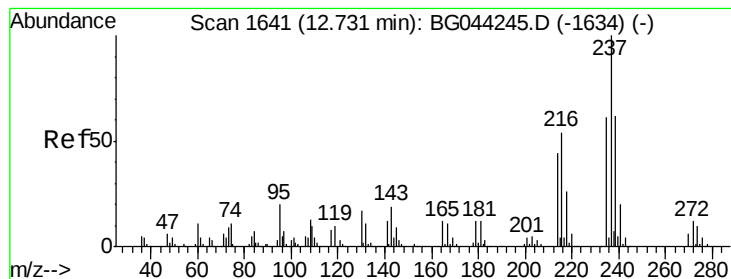
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.557 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.01 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

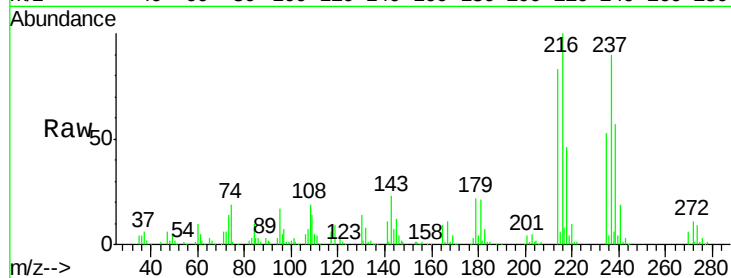
Tot Ion:237 Resp: 141529

Ion Ratio Lower Upper

237 100

235 59.4 41.2 81.2

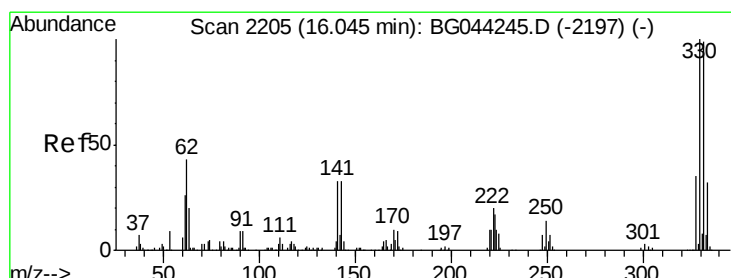
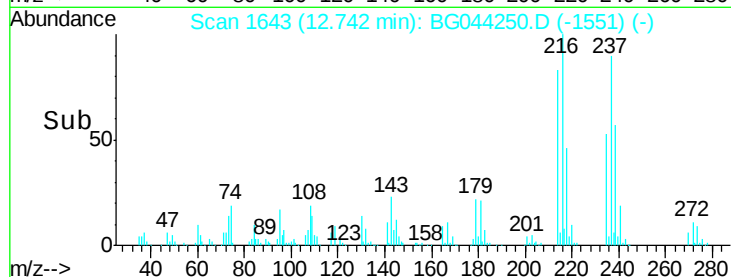
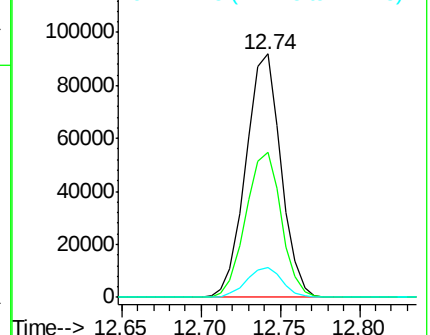
272 12.1 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.913 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

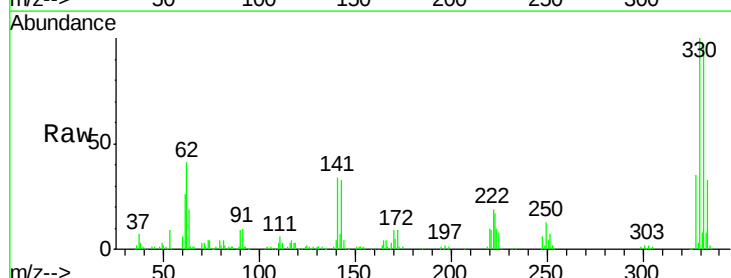
Tgt Ion:330 Resp: 228084

Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

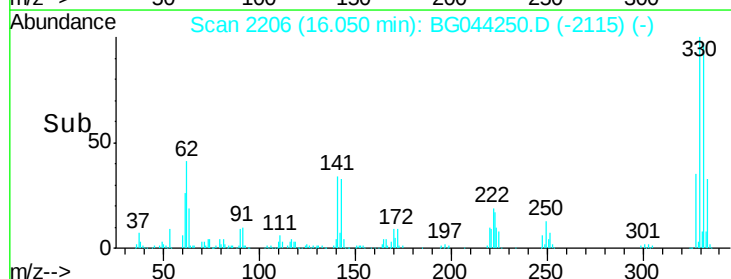
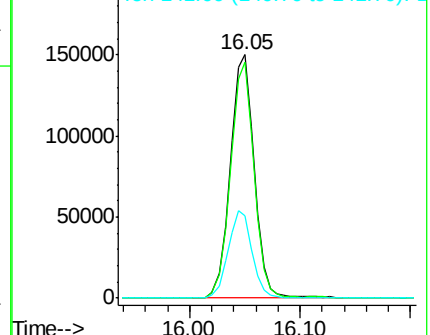
141 35.8 28.3 42.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

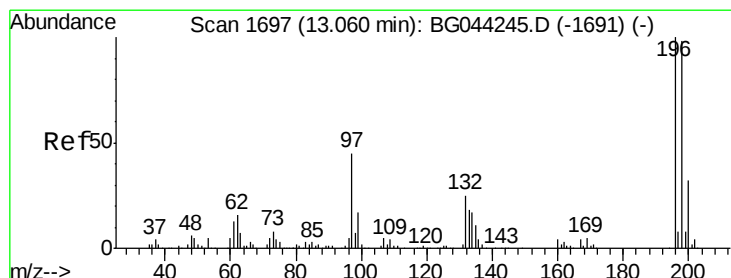
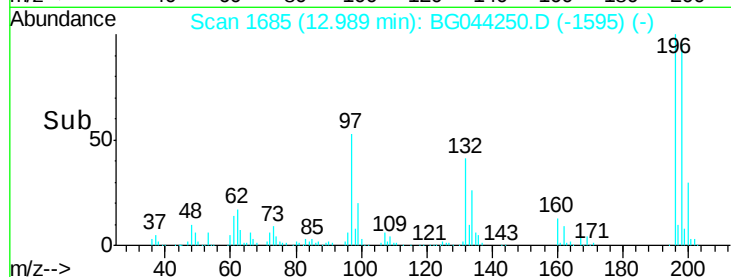
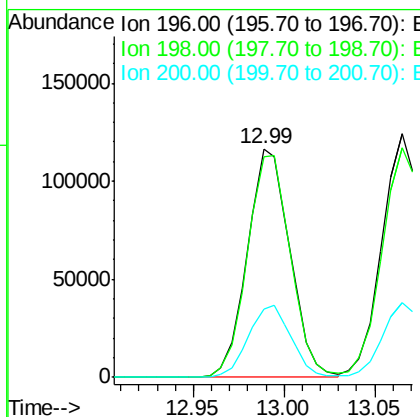
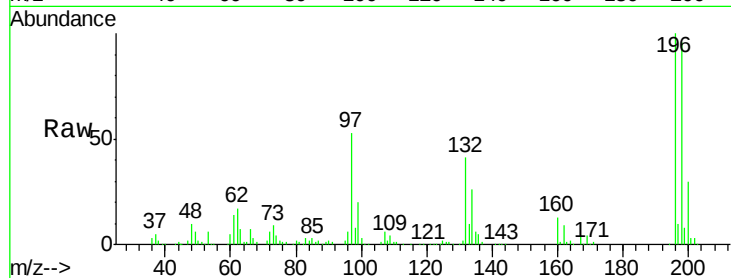




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.310 ng  
 RT: 12.99 min Scan# 1685  
 Delta R.T. -0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

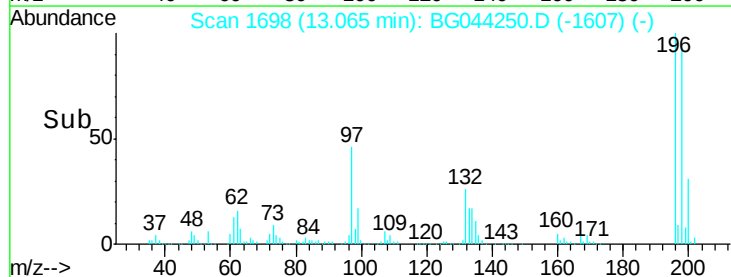
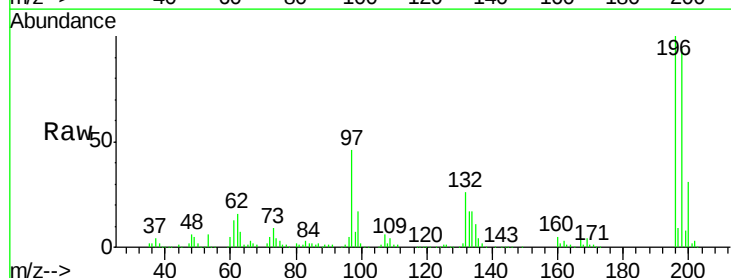
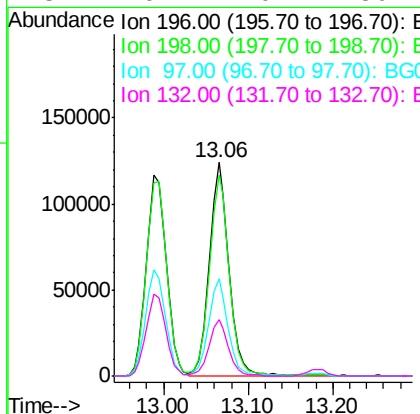
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG013020

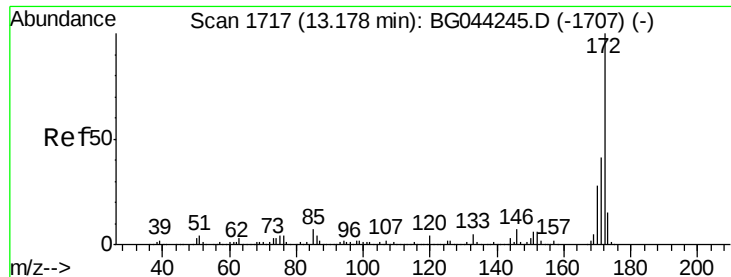
Tot Ion:196 Resp: 189491  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 79.3 118.9  
 200 29.9 25.7 38.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.986 ng  
 RT: 13.06 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

Tgt Ion:196 Resp: 201597  
 Ion Ratio Lower Upper  
 196 100  
 198 94.1 78.2 117.2  
 97 45.6 36.2 54.4  
 132 26.2 20.2 30.4

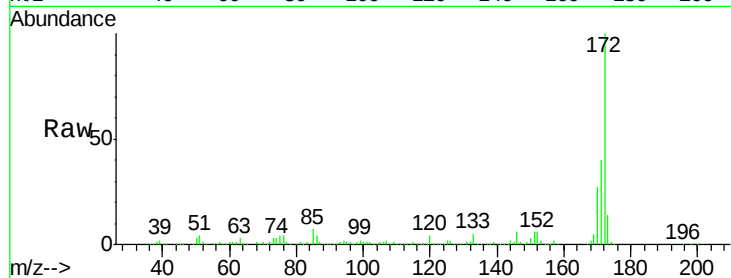




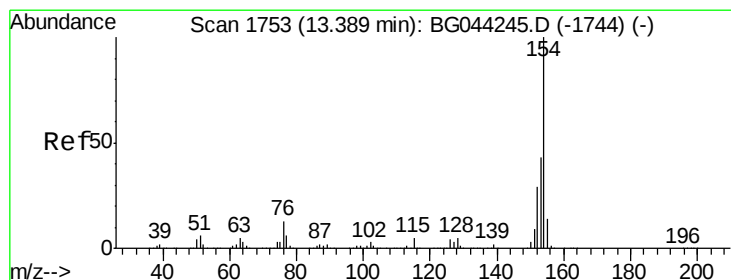
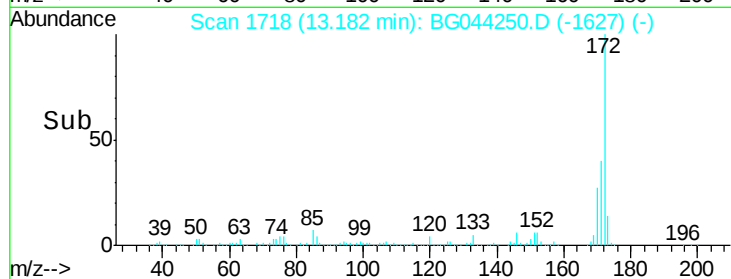
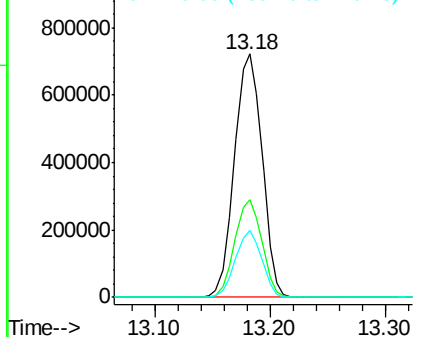
#45  
2-Fluorobiphenyl  
Concen: 82.434 ng  
RT: 13.18 min Scan# 1718  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

Tot Ion:172 Resp: 1196842  
Ion Ratio Lower Upper  
172 100  
171 40.4 32.9 49.3  
170 27.3 22.0 33.0

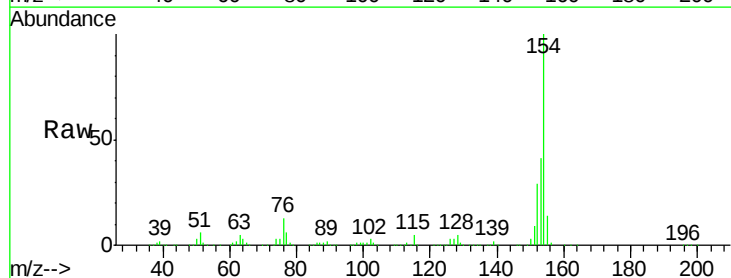


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

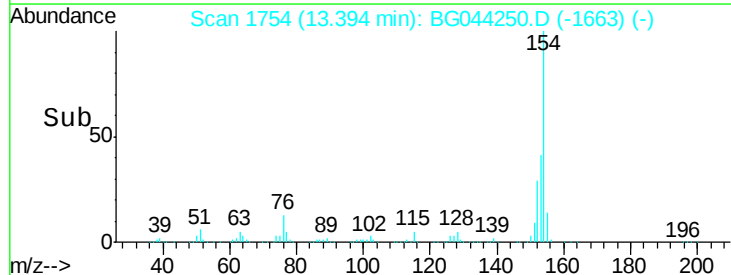
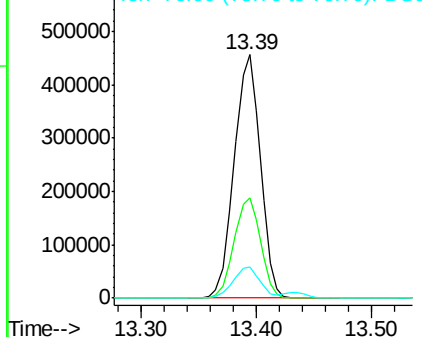


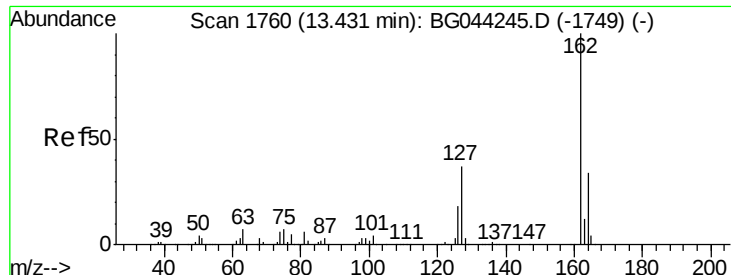
#46  
1,1'-Biphenyl  
Concen: 40.777 ng  
RT: 13.39 min Scan# 1754  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Tgt Ion:154 Resp: 715112  
Ion Ratio Lower Upper  
154 100  
153 40.9 22.7 62.7  
76 12.9 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BG

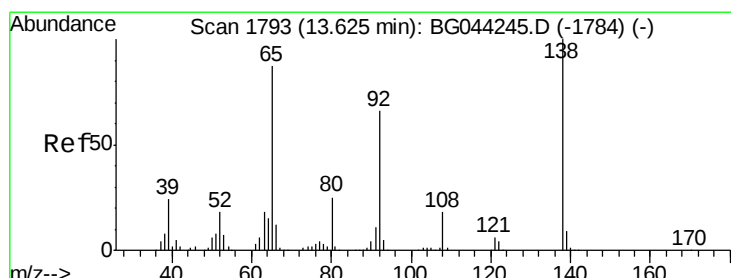
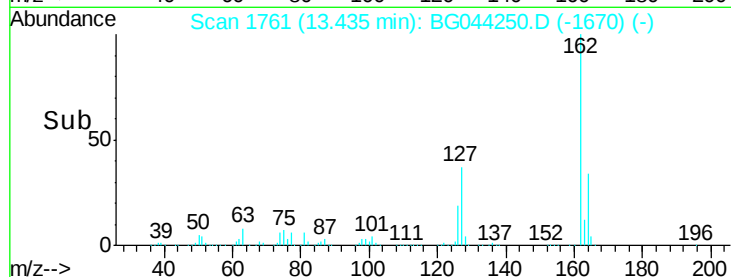
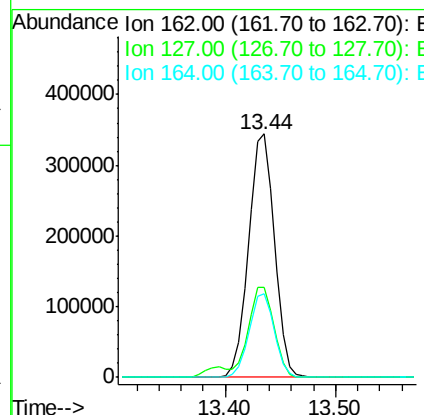
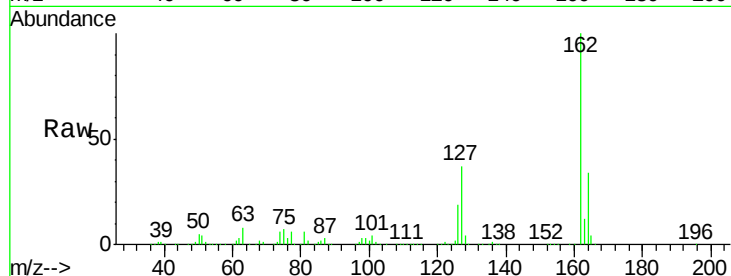




#47  
 2-Chloronaphthalene  
 Concen: 40.669 ng  
 RT: 13.44 min Scan# 1761  
 Delta R.T. 0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

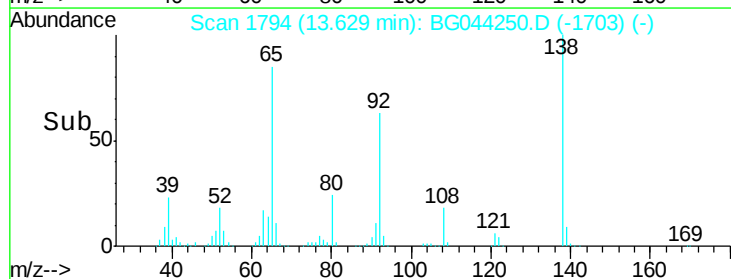
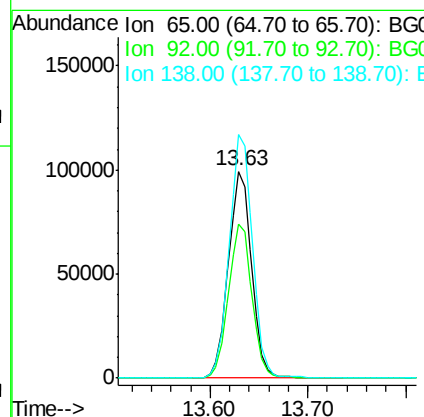
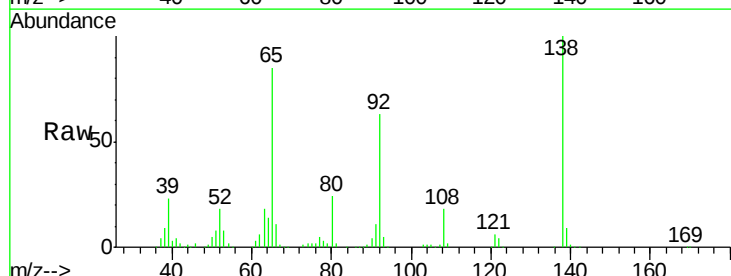
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG013020

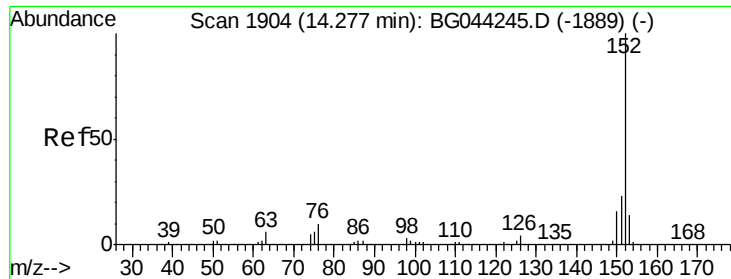
Tot Ion:162 Resp: 567539  
 Ion Ratio Lower Upper  
 162 100  
 127 37.0 30.0 45.0  
 164 34.2 27.2 40.8



#48  
 2-Nitroaniline  
 Concen: 39.966 ng  
 RT: 13.63 min Scan# 1794  
 Delta R.T. 0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

Tgt Ion: 65 Resp: 164594  
 Ion Ratio Lower Upper  
 65 100  
 92 74.4 60.3 90.5  
 138 117.8 91.9 137.9





#49

Acenaphthylene

Concen: 40.530 ng

RT: 14.28 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

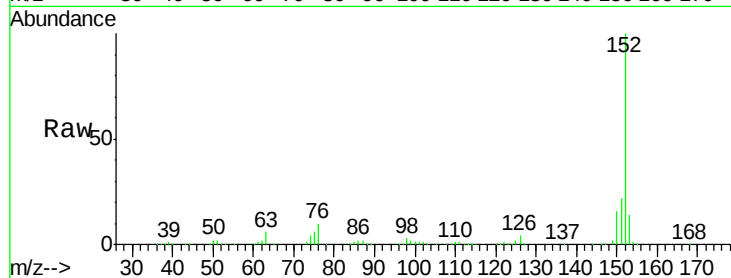
Tot Ion:152 Resp: 829570

Ion Ratio Lower Upper

152 100

151 22.5 18.1 27.1

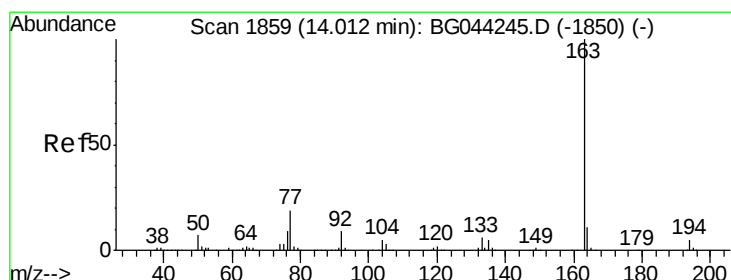
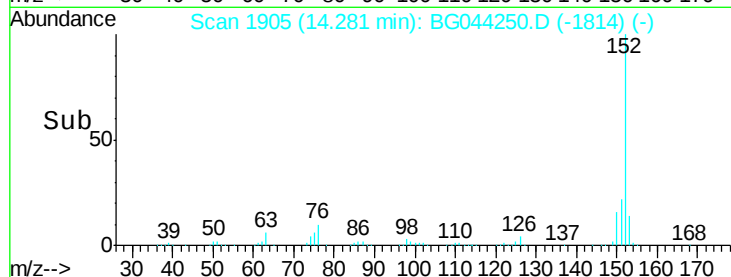
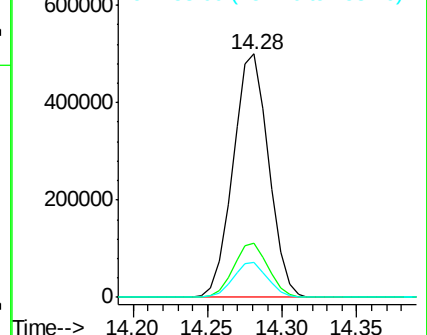
153 14.3 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.225 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

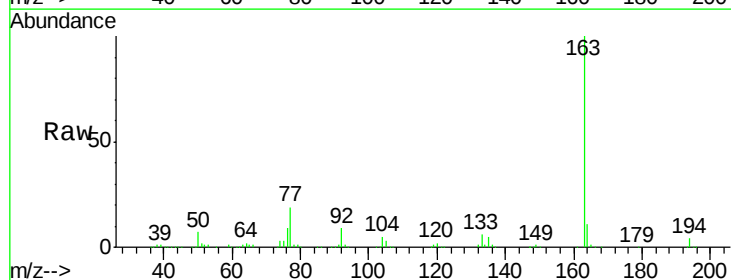
Tgt Ion:163 Resp: 703000

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

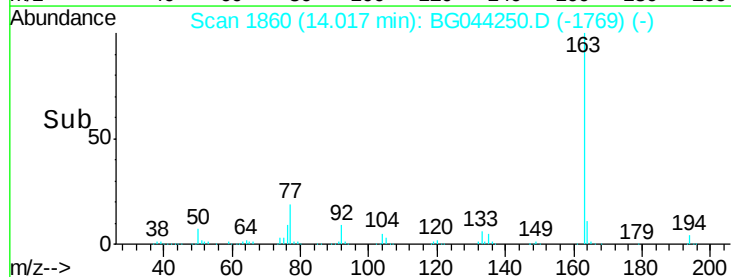
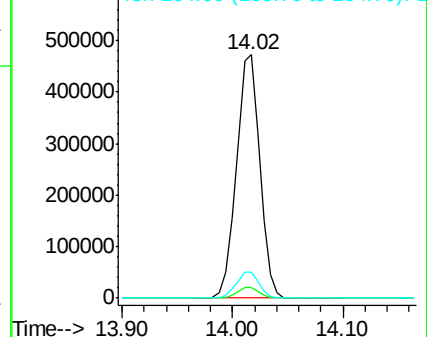
164 10.9 8.7 13.1

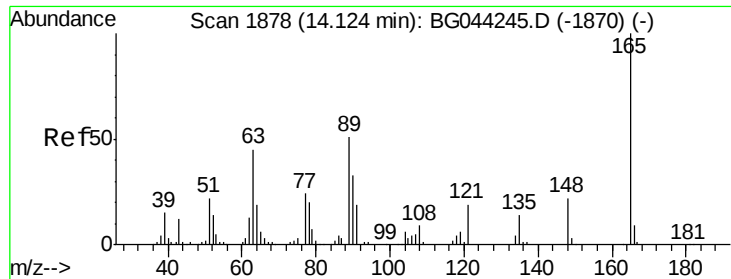


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

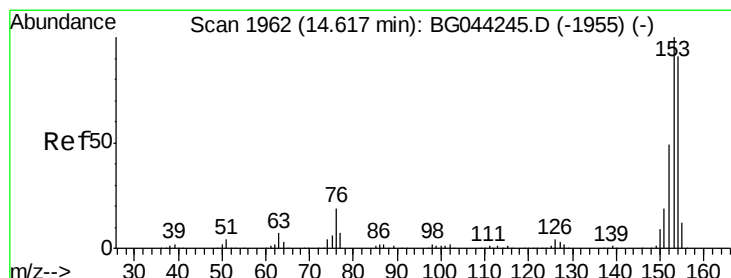
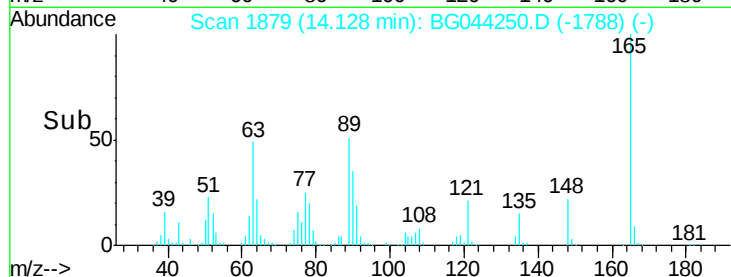
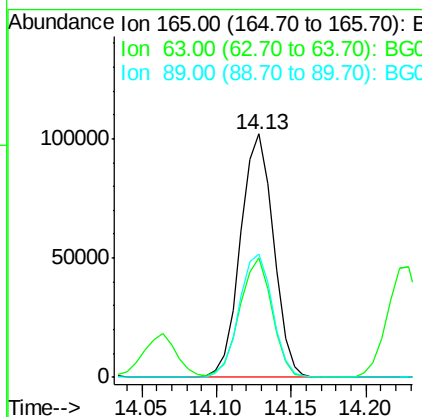
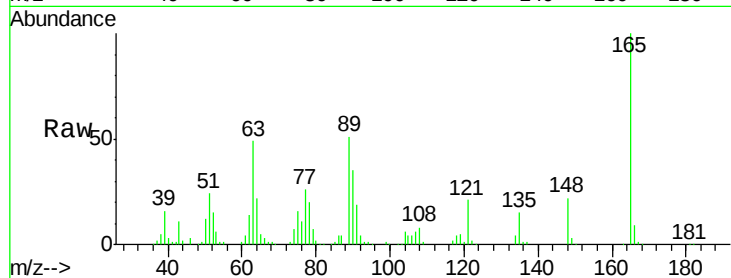




#51  
 2,6-Dinitrotoluene  
 Concen: 40.127 ng  
 RT: 14.13 min Scan# 1879  
 Delta R.T. 0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

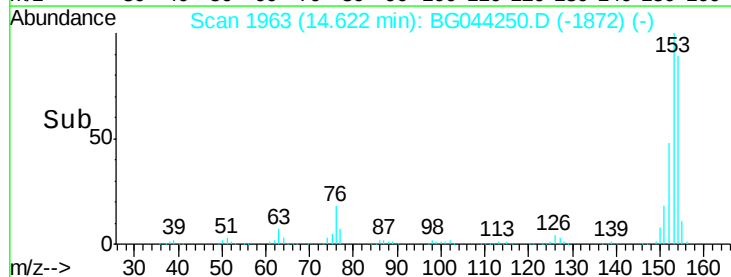
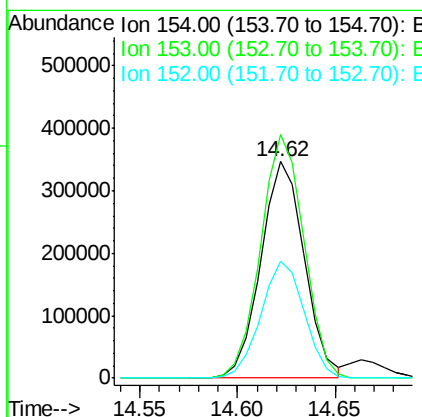
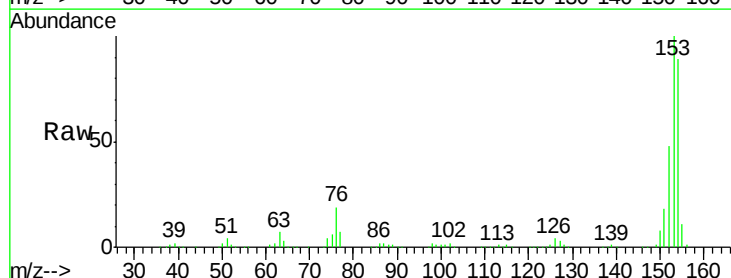
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG013020

Tot Ion:165 Resp: 156364  
 Ion Ratio Lower Upper  
 165 100  
 63 48.8 38.7 58.1  
 89 50.6 40.4 60.6



#52  
 Acenaphthene  
 Concen: 40.322 ng  
 RT: 14.62 min Scan# 1963  
 Delta R.T. 0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

Tgt Ion:154 Resp: 534956  
 Ion Ratio Lower Upper  
 154 100  
 153 112.4 87.9 131.9  
 152 54.0 43.1 64.7





#53

3-Nitroaniline

Concen: 39.730 ng

RT: 14.46 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

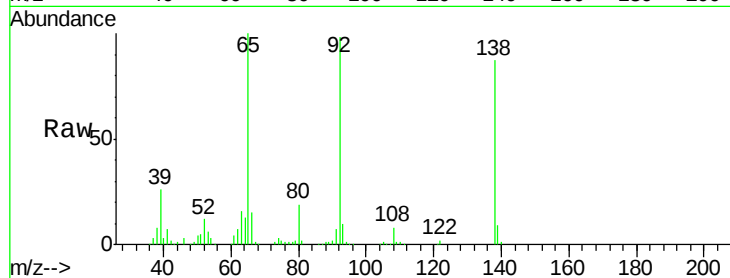
Tot Ion:138 Resp: 171280

Ion Ratio Lower Upper

138 100

108 9.0 7.9 11.9

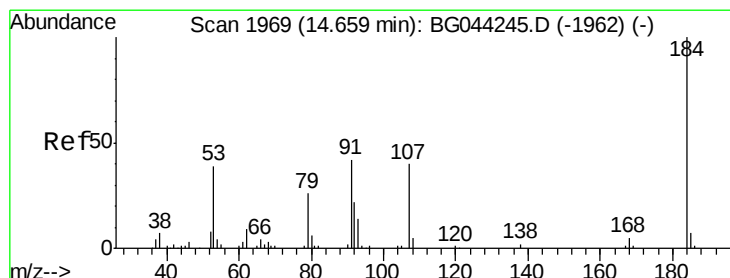
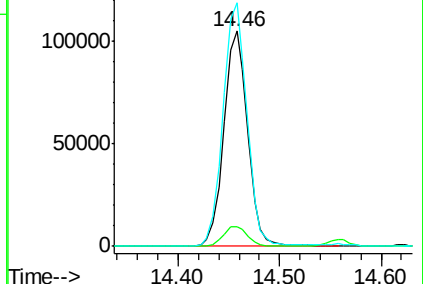
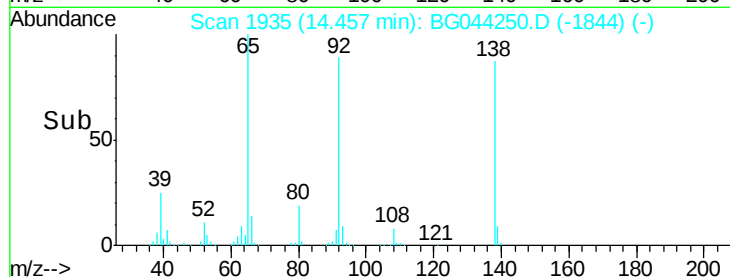
92 113.2 91.0 136.4



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): E



#54

2,4-Dinitrophenol

Concen: 39.502 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

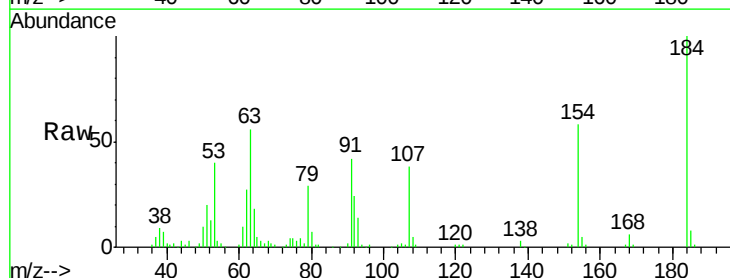
Tgt Ion:184 Resp: 81358

Ion Ratio Lower Upper

184 100

63 55.6 44.1 66.1

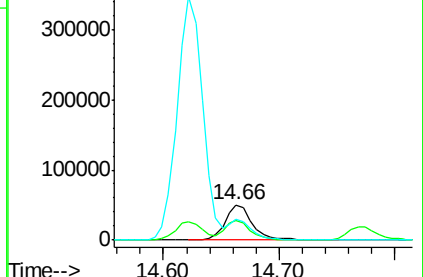
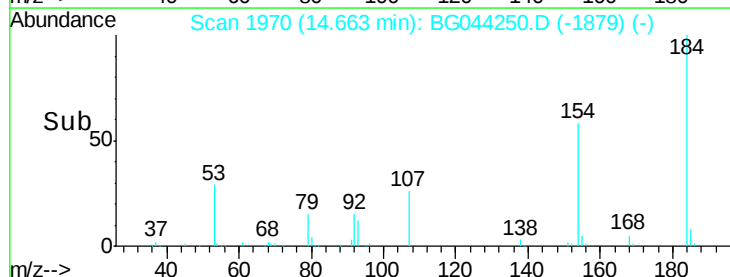
154 58.4 45.4 68.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

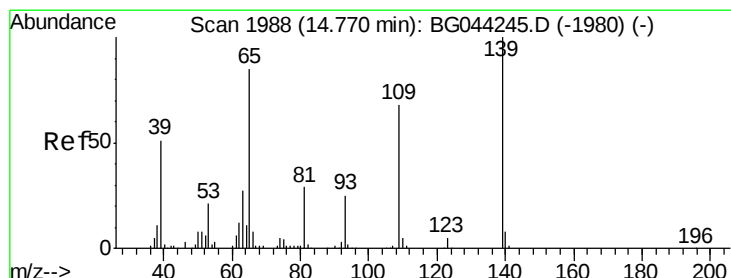
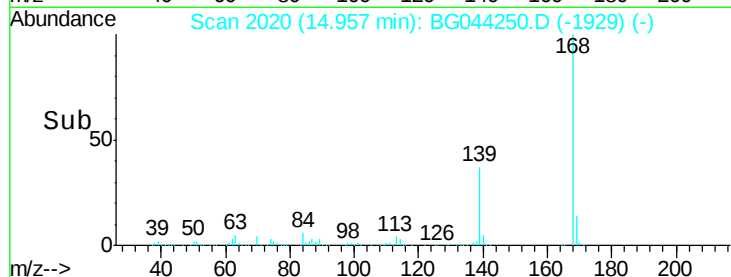
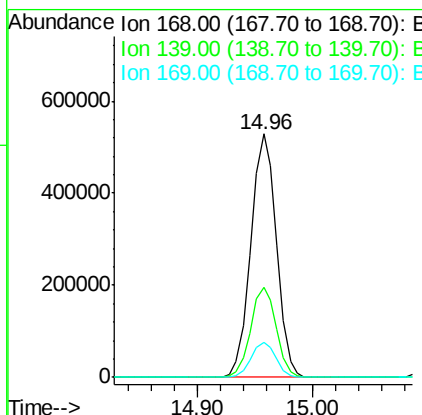
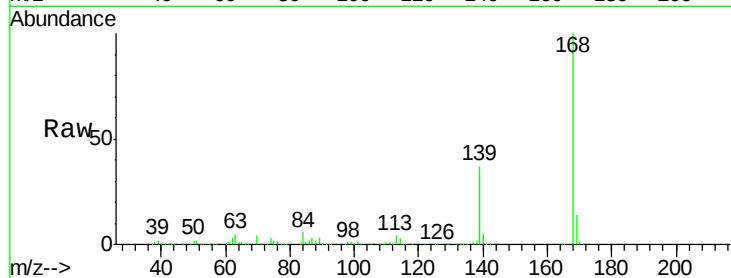




#55  
Dibenzofuran  
Concen: 40.592 ng  
RT: 14.96 min Scan# 2020  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

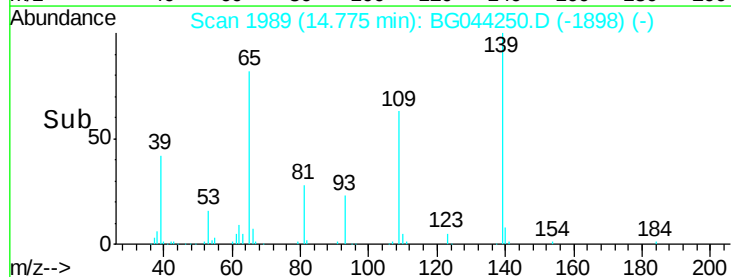
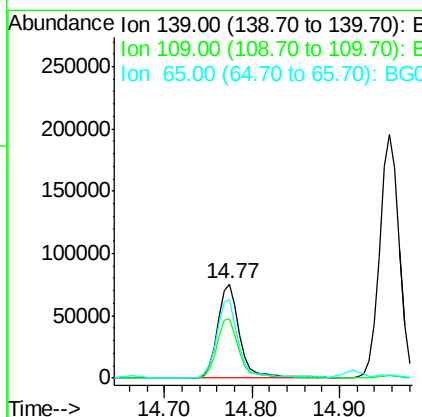
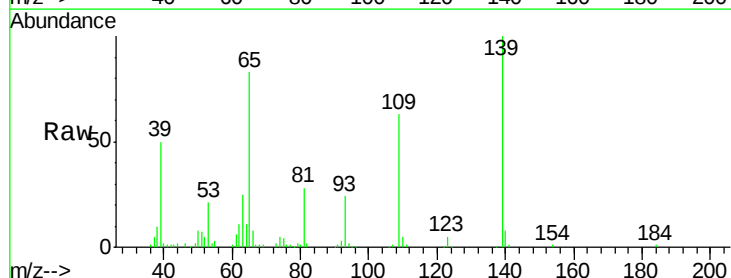
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

Tot Ion:168 Resp: 815356  
Ion Ratio Lower Upper  
168 100  
139 37.0 30.5 45.7  
169 14.4 11.7 17.5



#56  
4-Nitrophenol  
Concen: 42.243 ng  
RT: 14.77 min Scan# 1989  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Tgt Ion:139 Resp: 133399  
Ion Ratio Lower Upper  
139 100  
109 62.8 47.5 87.5  
65 82.9 64.9 104.9

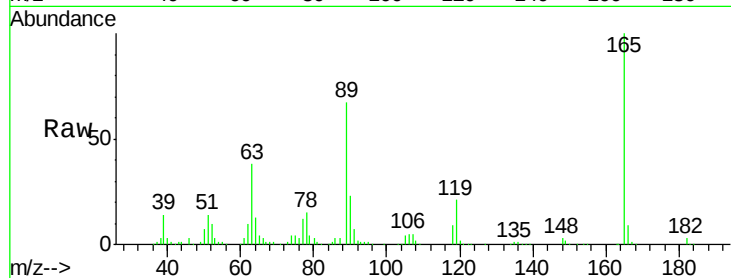




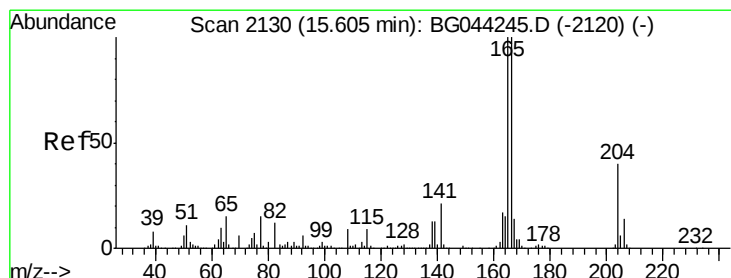
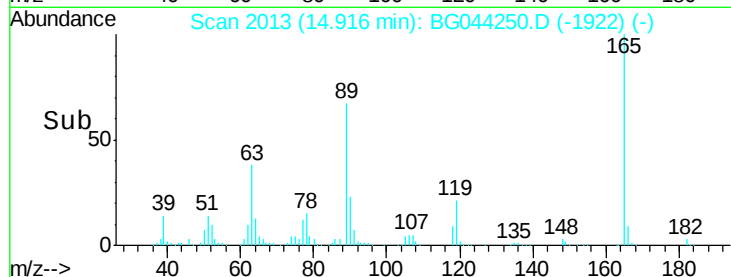
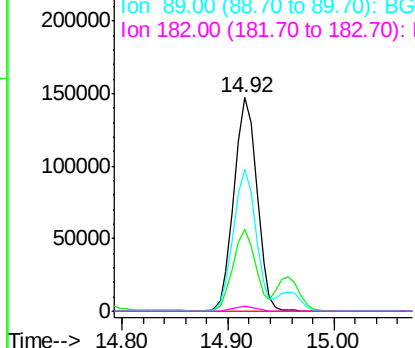
#57  
2,4-Dinitrotoluene  
Concen: 40.396 ng  
RT: 14.92 min Scan# 2013  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

Tot Ion:165 Resp: 220622  
Ion Ratio Lower Upper  
165 100  
63 38.2 30.3 45.5  
89 66.6 53.4 80.2  
182 2.6 2.1 3.1

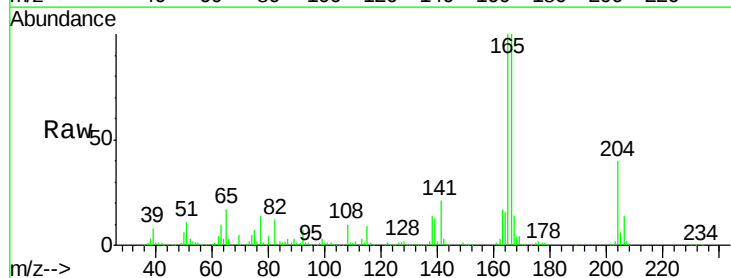


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

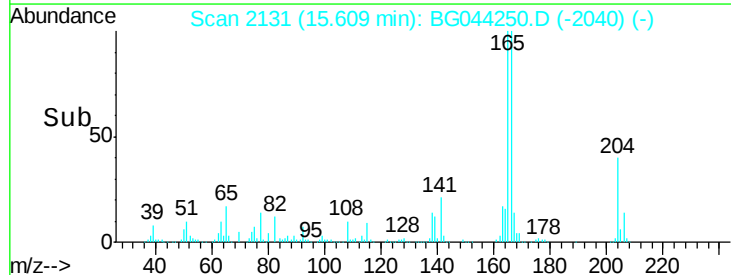
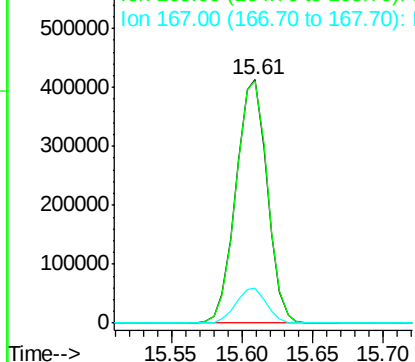


#58  
Fluorene  
Concen: 40.386 ng  
RT: 15.61 min Scan# 2131  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Tgt Ion:166 Resp: 638940  
Ion Ratio Lower Upper  
166 100  
165 99.7 79.9 119.9  
167 14.2 11.4 17.0



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

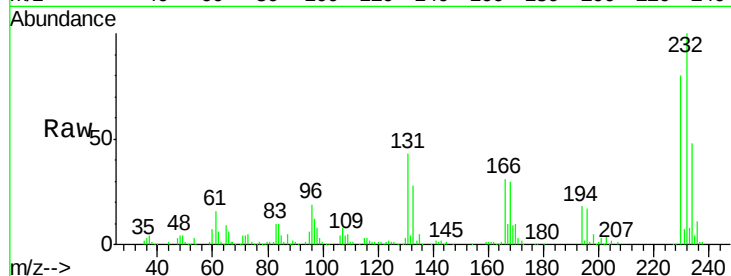




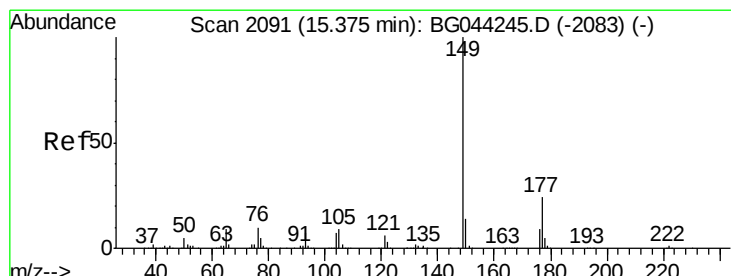
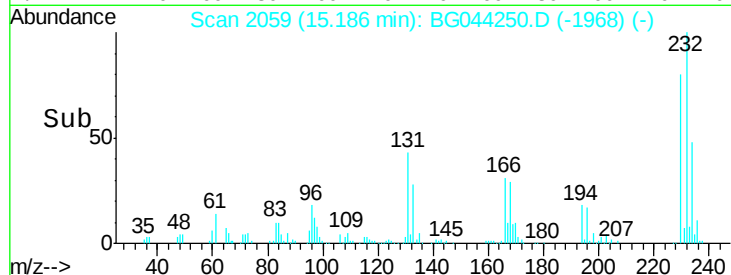
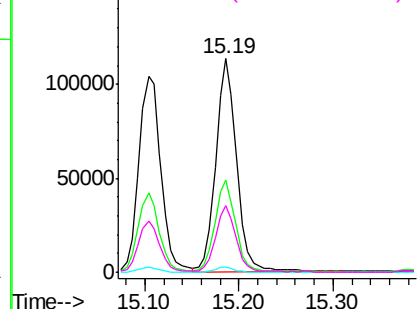
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.616 ng  
 RT: 15.19 min Scan# 2059  
 Delta R.T. 0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG013020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 176153 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.1  | 34.2  | 51.4   |
| 130      | 2.5   | 1.8   | 2.8    |
| 166      | 30.2  | 23.8  | 35.8   |

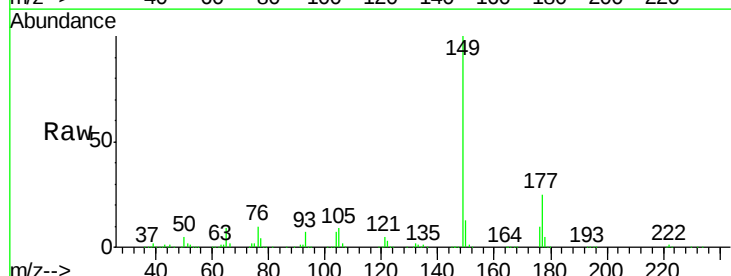


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

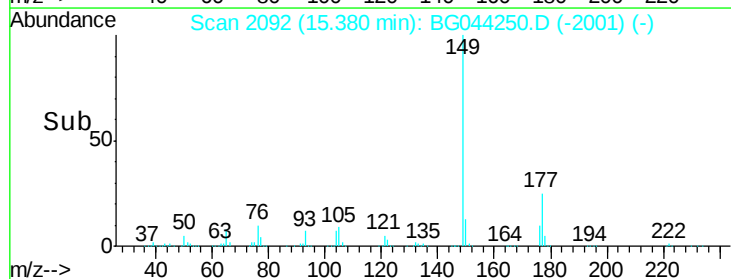
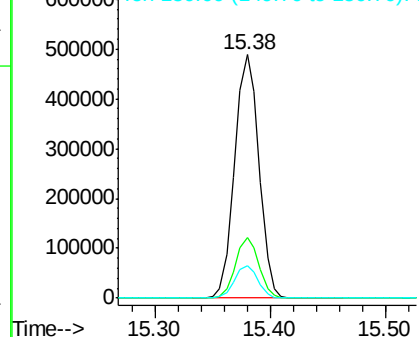


#60  
 Diethylphthalate  
 Concen: 40.723 ng  
 RT: 15.38 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 709148 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.6  | 19.4  | 29.0   |
| 150      | 13.3  | 10.9  | 16.3   |



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

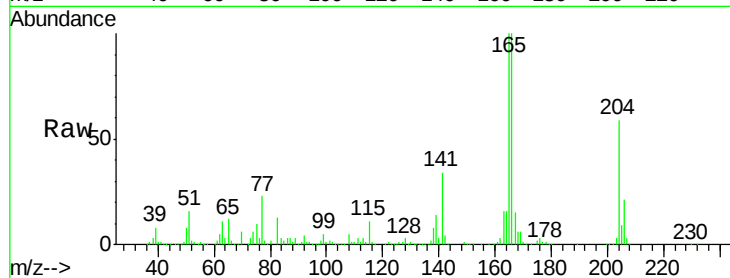




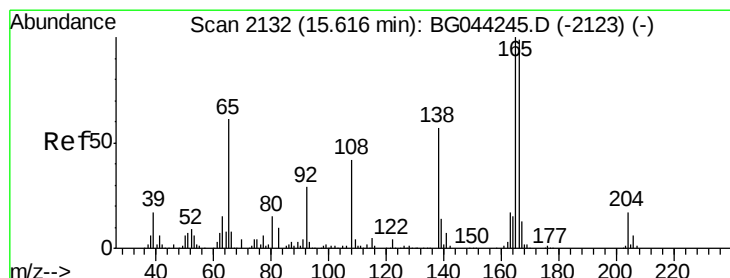
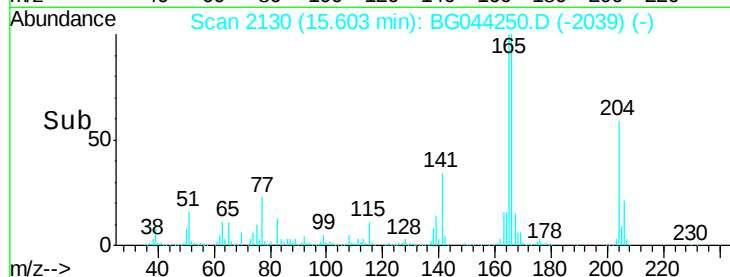
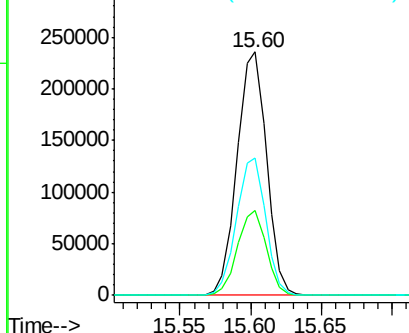
#61  
4-Chlorophenyl-phenylether  
Concen: 40.069 ng  
RT: 15.60 min Scan# 2130  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

Tot Ion:204 Resp: 343720  
Ion Ratio Lower Upper  
204 100  
206 35.0 27.6 41.4  
141 56.5 43.4 65.0

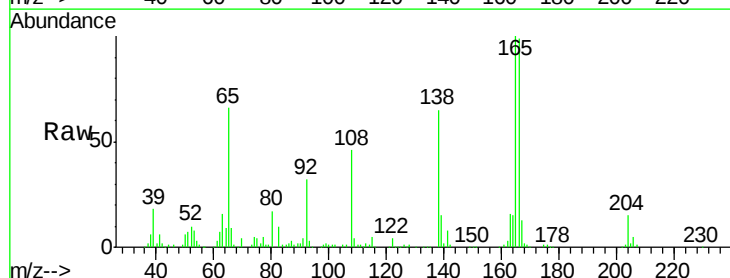


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

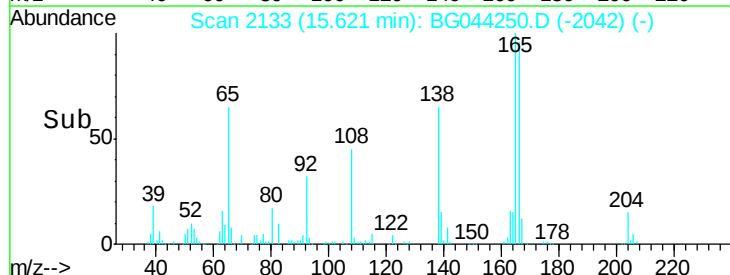
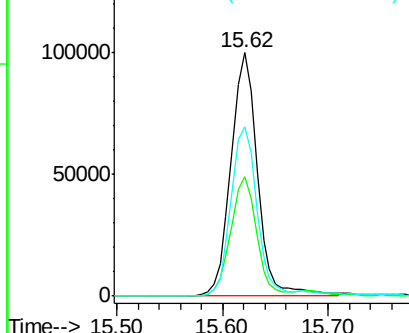


#62  
4-Nitroaniline  
Concen: 40.359 ng  
RT: 15.62 min Scan# 2133  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Tgt Ion:138 Resp: 173858  
Ion Ratio Lower Upper  
138 100  
92 49.2 31.3 71.3  
108 69.8 52.6 92.6



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

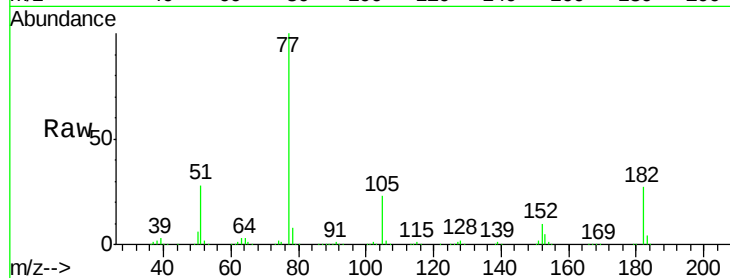




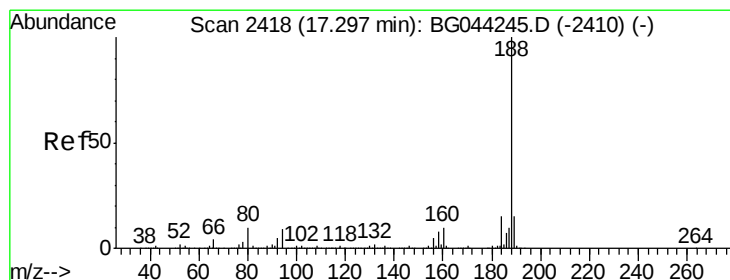
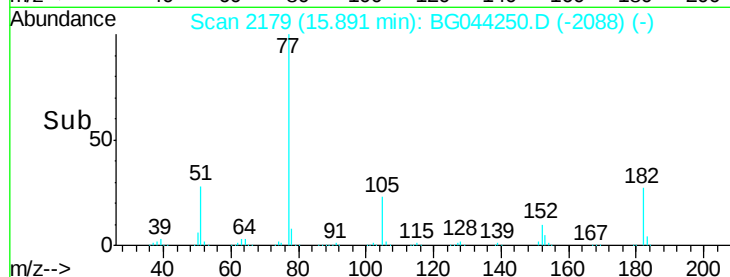
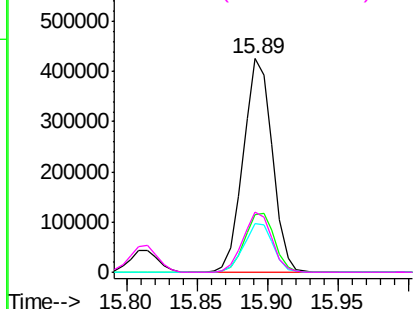
#63  
Azobenzene  
Concen: 40.013 ng  
RT: 15.89 min Scan# 2179  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

Tot Ion: 77 Resp: 610689  
Ion Ratio Lower Upper  
77 100  
182 27.0 8.2 48.2  
105 23.0 3.6 43.6  
51 28.2 8.3 48.3

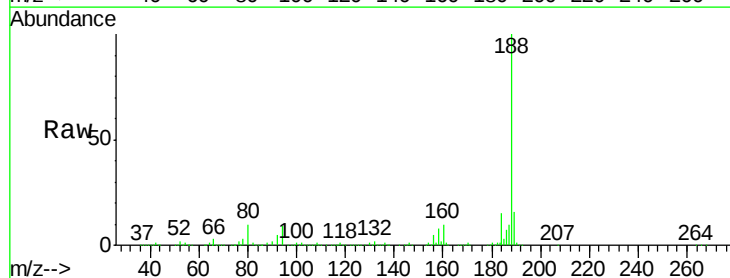


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

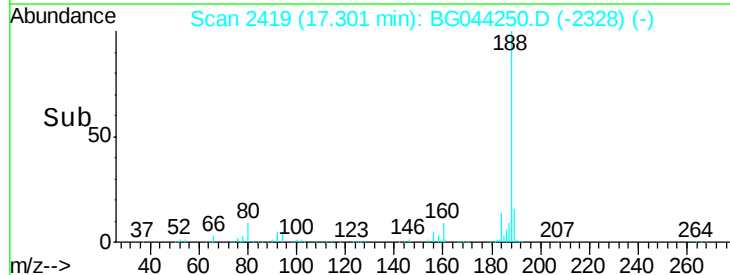
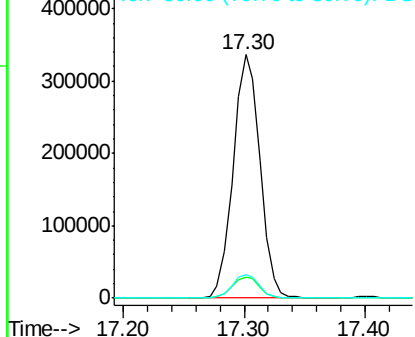


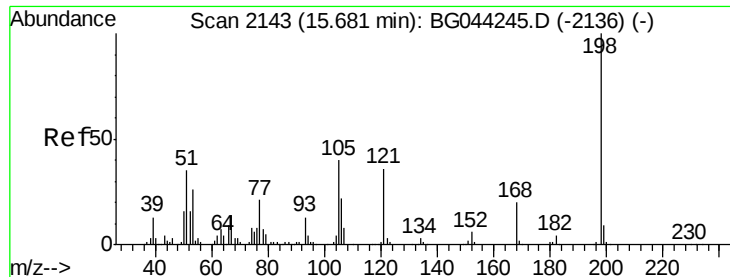
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.30 min Scan# 2419  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Tgt Ion: 188 Resp: 519553  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.4 11.2  
80 9.7 7.7 11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.045 ng

RT: 15.69 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

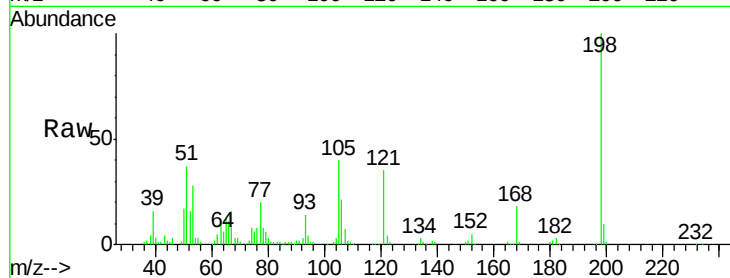
Tot Ion:198 Resp: 117714

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 36.9  | 16.6  | 56.6  |
| 105 | 40.3  | 20.6  | 60.6  |

198 100

51 36.9 16.6 56.6

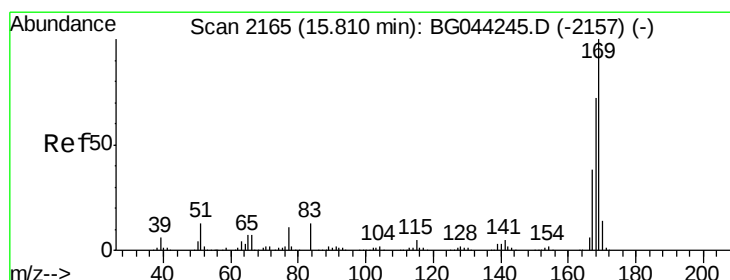
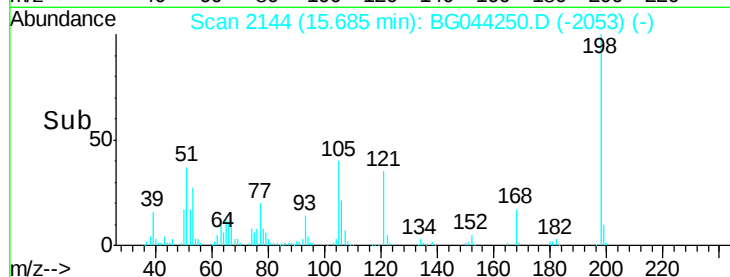
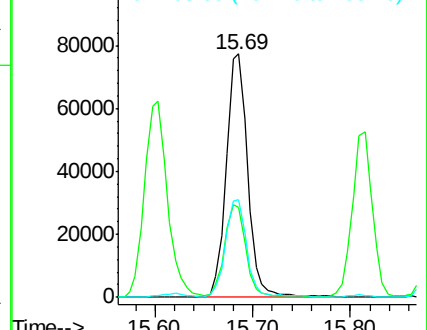
105 40.3 20.6 60.6



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: 40.268 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

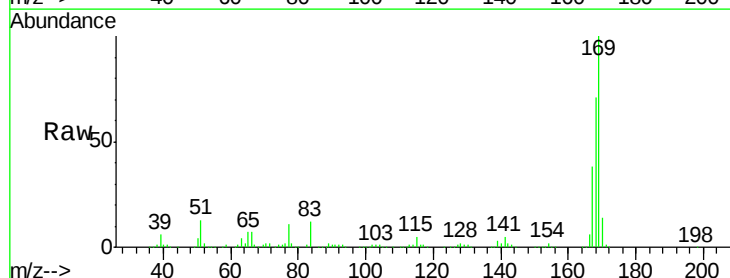
Tgt Ion:169 Resp: 586311

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 70.6  | 57.9  | 86.9  |
| 167 | 37.8  | 30.7  | 46.1  |

169 100

168 70.6 57.9 86.9

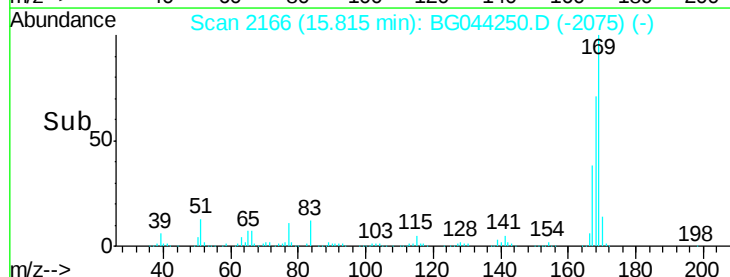
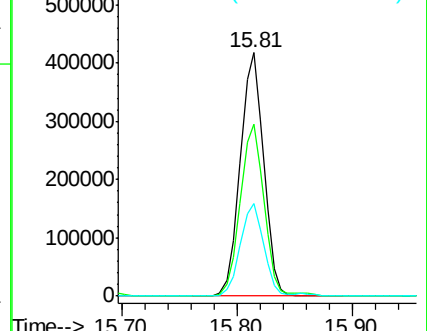
167 37.8 30.7 46.1

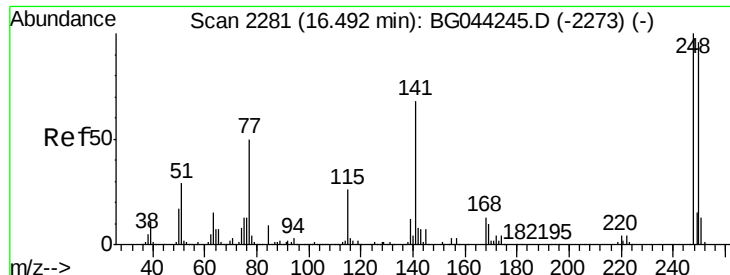


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

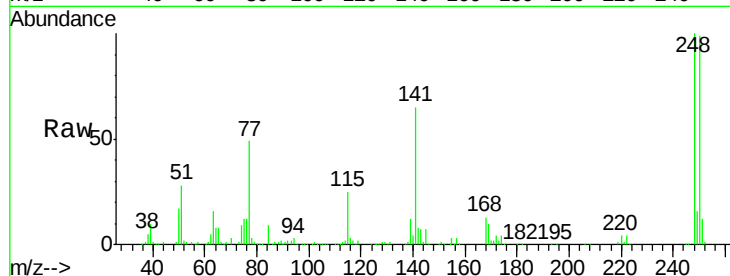




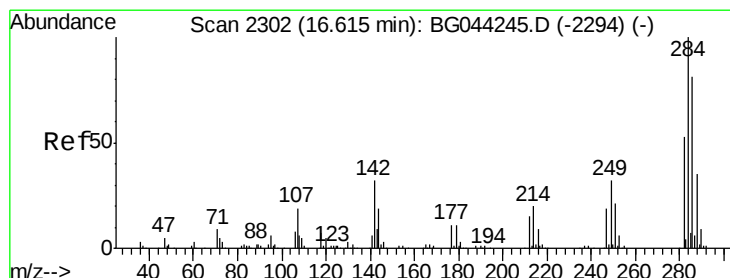
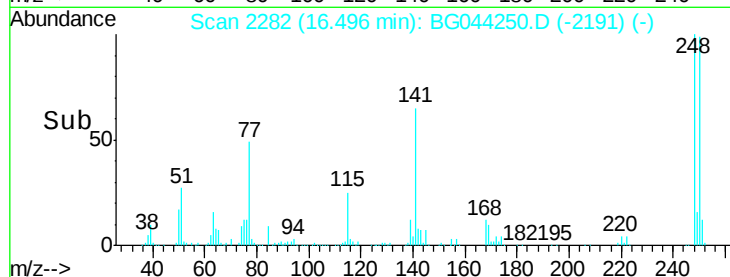
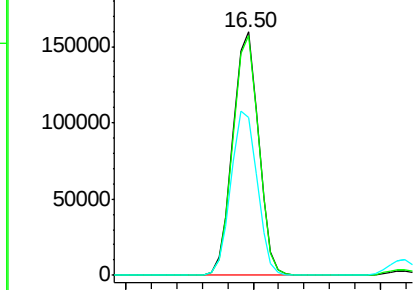
#67  
4-Bromophenyl-phenylether  
Concen: 39.564 ng  
RT: 16.50 min Scan# 2282  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

Tot Ion:248 Resp: 223949  
Ion Ratio Lower Upper  
248 100  
250 98.6 76.6 114.8  
141 64.6 54.7 82.1

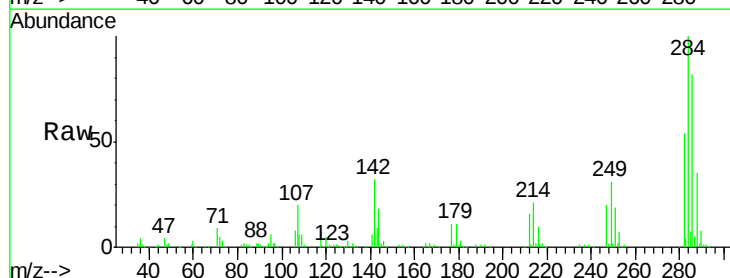


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

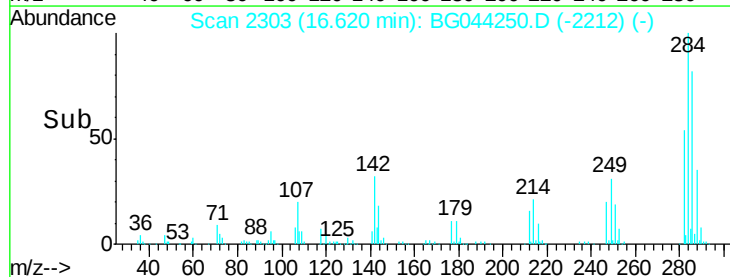
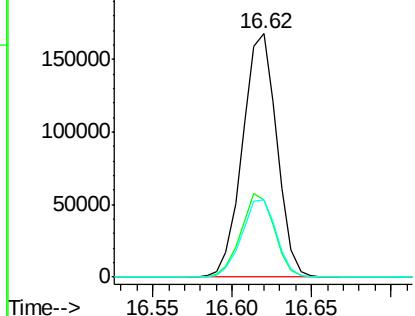


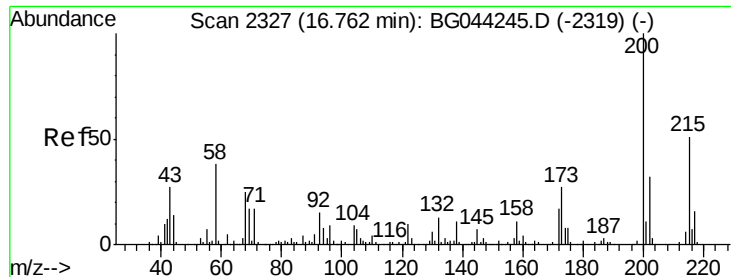
#68  
Hexachlorobenzene  
Concen: 39.624 ng  
RT: 16.62 min Scan# 2303  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Tgt Ion:284 Resp: 251283  
Ion Ratio Lower Upper  
284 100  
142 31.8 25.3 37.9  
249 31.5 25.5 38.3



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

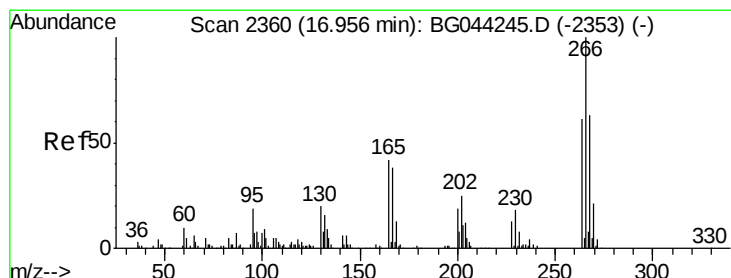
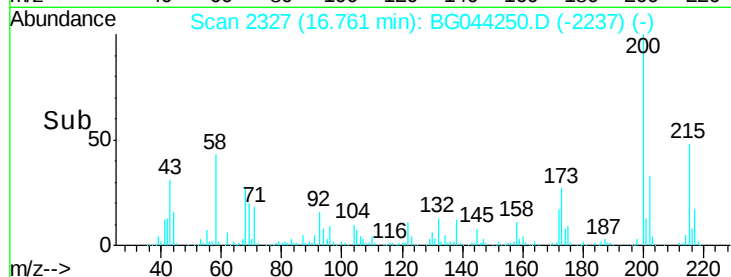
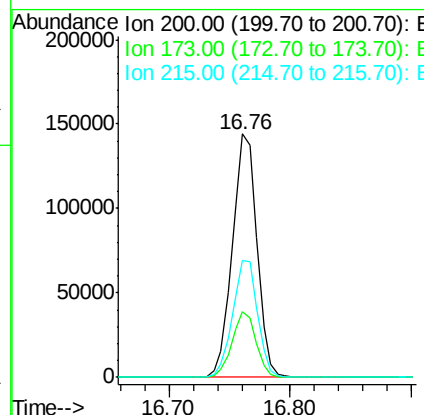
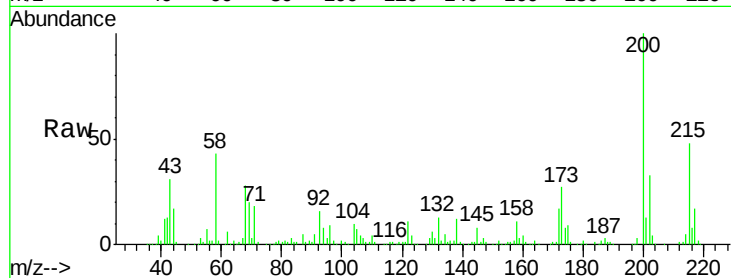




#69  
 Atrazine  
 Concen: 40.957 ng  
 RT: 16.76 min Scan# 2327  
 Delta R.T. -0.00 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

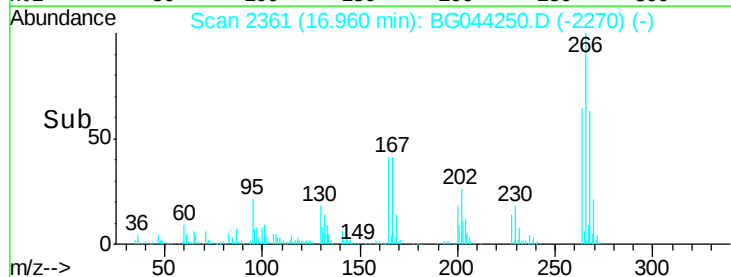
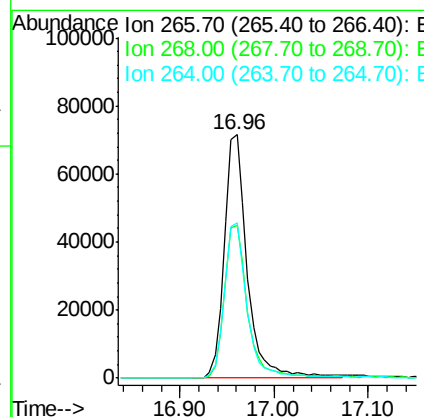
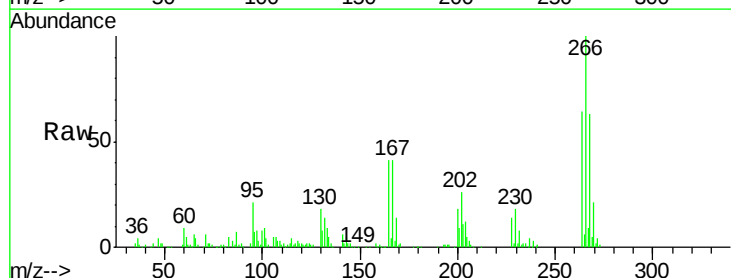
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG013020

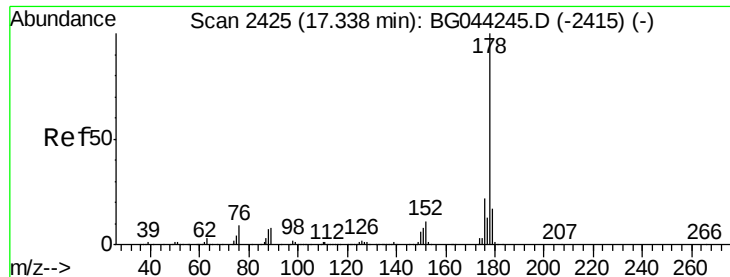
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.7  | 6.6   | 46.6  |
| 215     | 48.0  | 31.0  | 71.0  |



#70  
 Pentachlorophenol  
 Concen: 39.686 ng  
 RT: 16.96 min Scan# 2361  
 Delta R.T. 0.01 min  
 Lab File: BG044250.D  
 Acq: 30 Jan 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.6  | 50.6  | 75.8  |
| 264     | 63.6  | 48.7  | 73.1  |

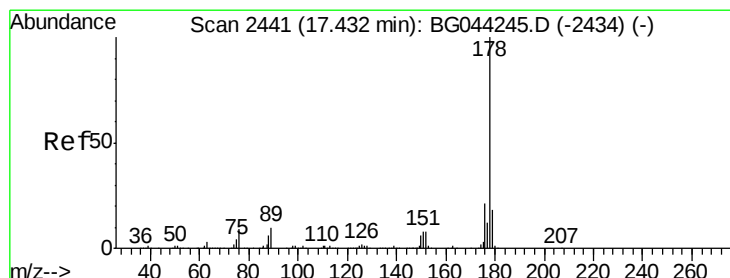
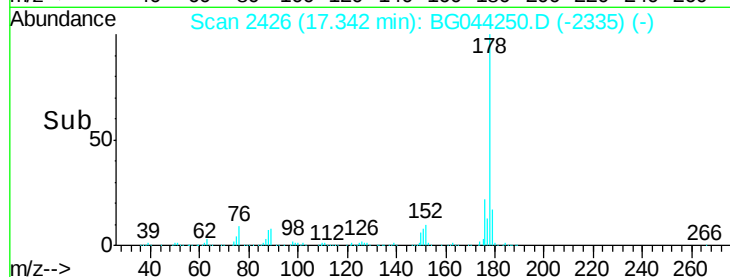
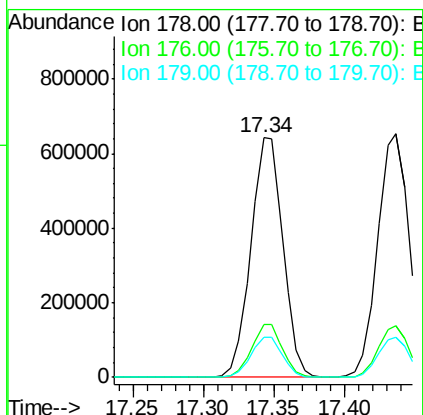
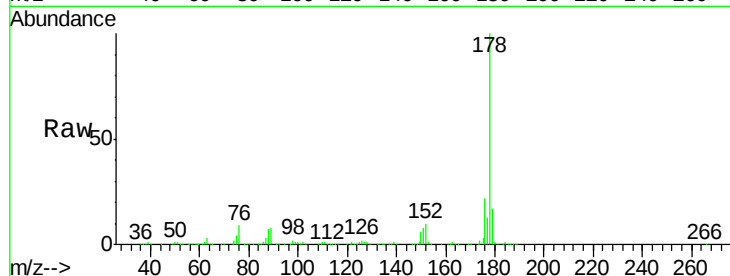




#71  
Phenanthrene  
Concen: 40.879 ng  
RT: 17.34 min Scan# 2426  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

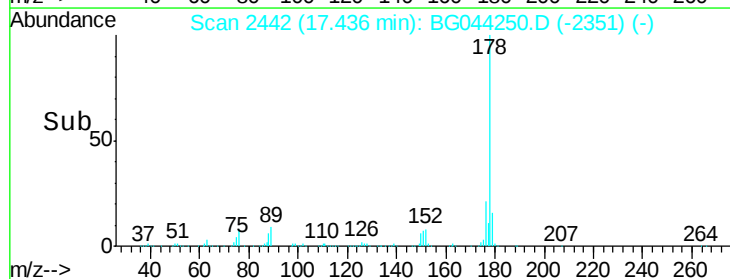
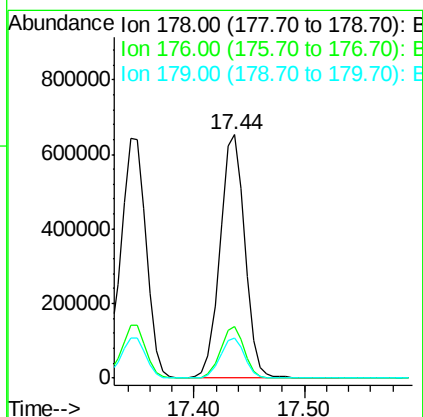
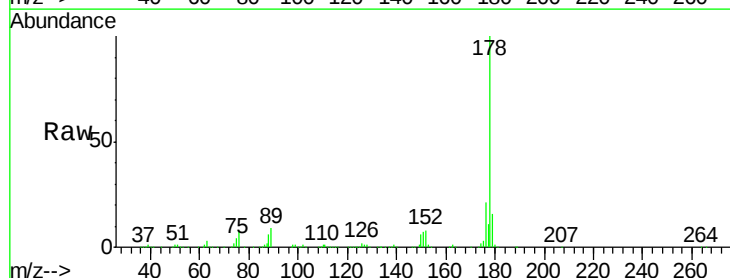
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

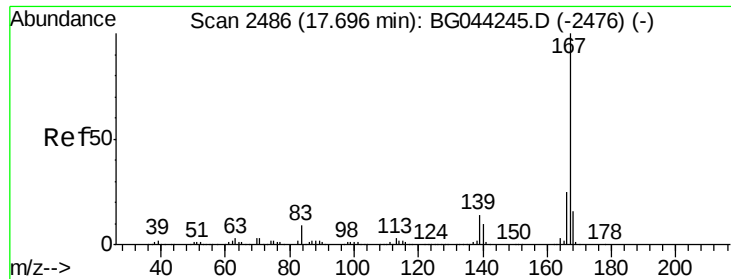
Tot Ion:178 Resp: 1028462  
Ion Ratio Lower Upper  
178 100  
176 21.9 17.7 26.5  
179 16.7 13.7 20.5



#72  
Anthracene  
Concen: 40.954 ng  
RT: 17.44 min Scan# 2442  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Tgt Ion:178 Resp: 1018668  
Ion Ratio Lower Upper  
178 100  
176 21.0 17.0 25.4  
179 16.5 14.4 21.6





#73

Carbazole

Concen: 41.080 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

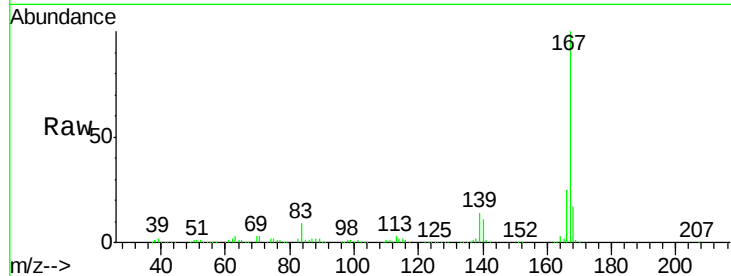
Tot Ion:167 Resp: 941982

Ion Ratio Lower Upper

167 100

166 25.4 19.8 29.6

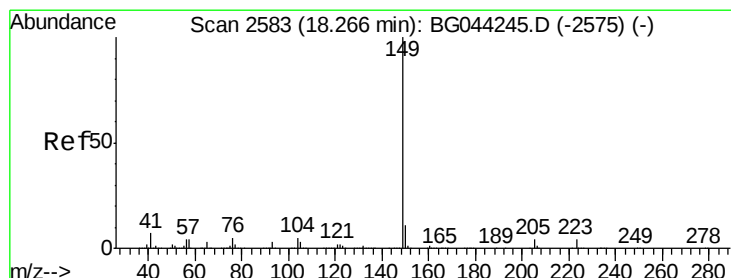
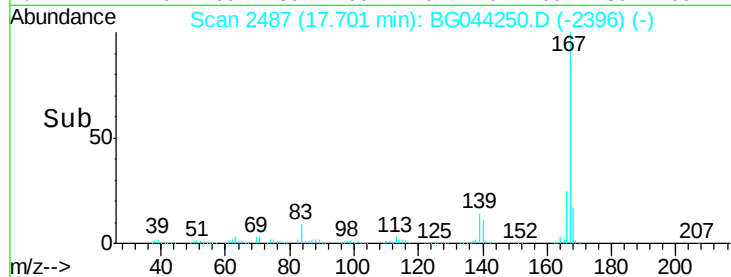
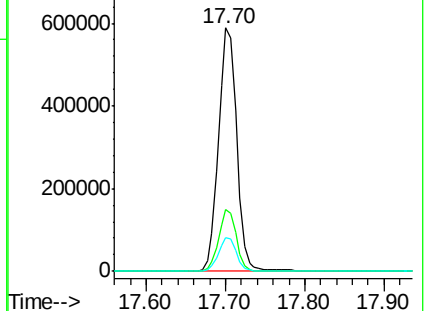
139 13.6 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.977 ng

RT: 18.27 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

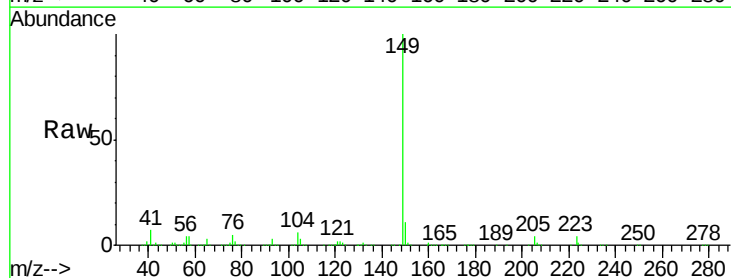
Tgt Ion:149 Resp: 1189468

Ion Ratio Lower Upper

149 100

150 10.7 8.7 13.1

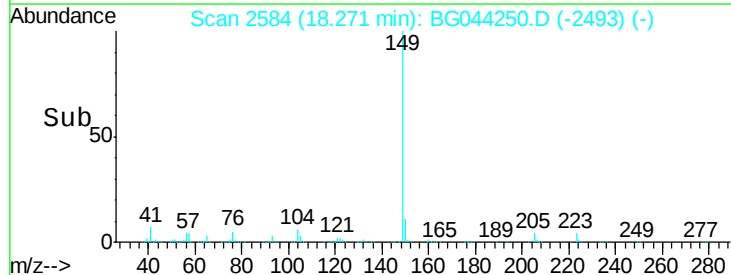
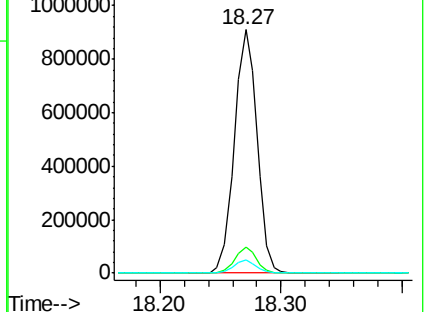
104 5.6 4.3 6.5

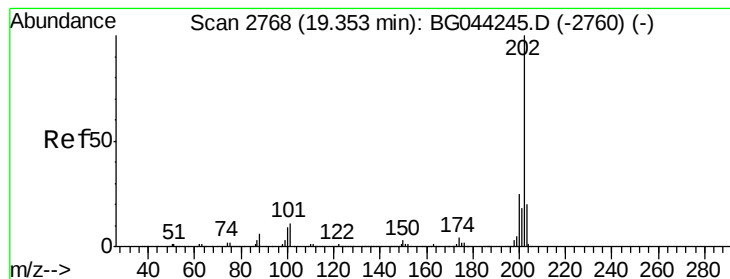


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.520 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

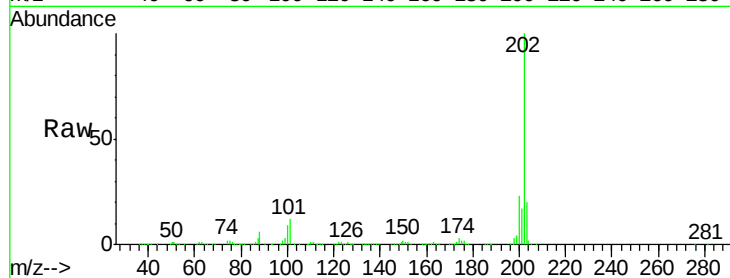
Tot Ion:202 Resp: 1208383

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.3

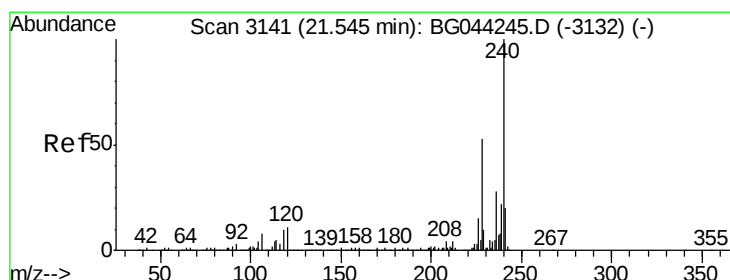
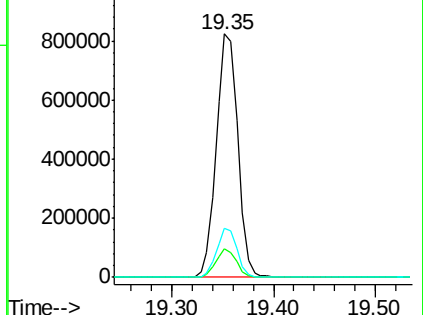
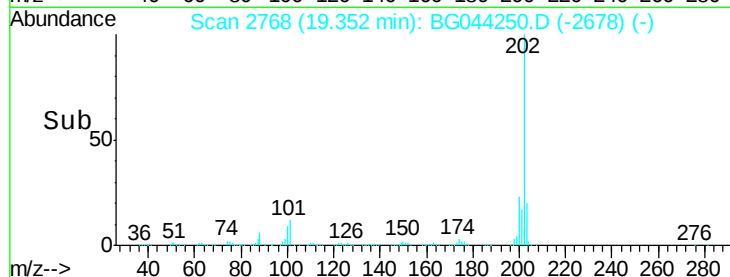
203 20.1 0.0 39.9



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: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

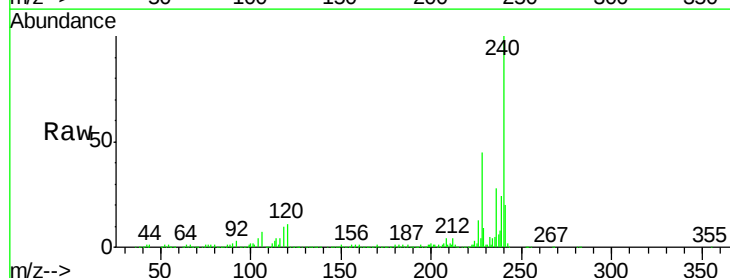
Tgt Ion:240 Resp: 460207

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

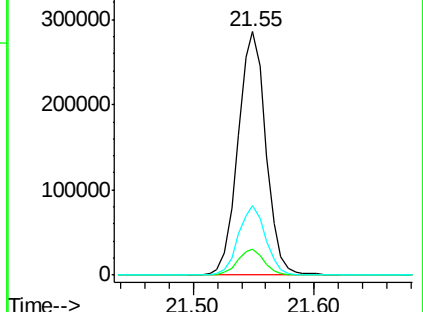
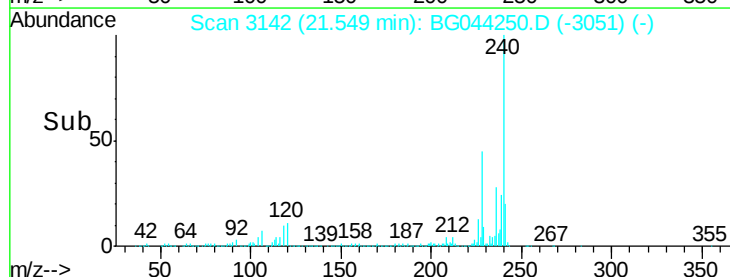
236 28.5 22.1 33.1



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: 39.794 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

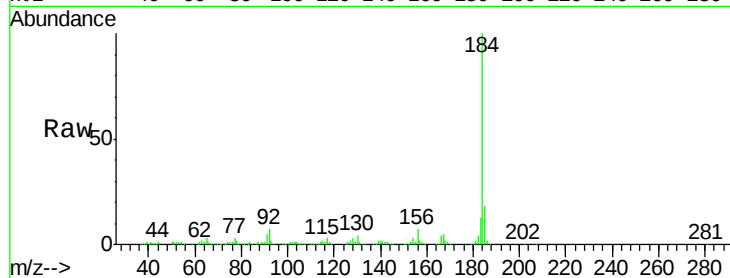
BNA\_G

ClientSampleId :

ICVBG013020

Tot Ion:184 Resp: 507977

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 18.2  | 12.9  | 19.3  |
| 183 | 13.4  | 10.8  | 16.2  |

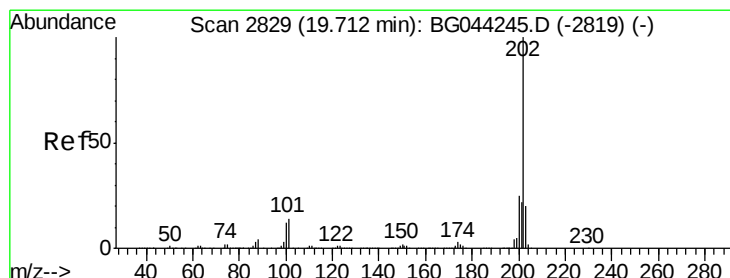
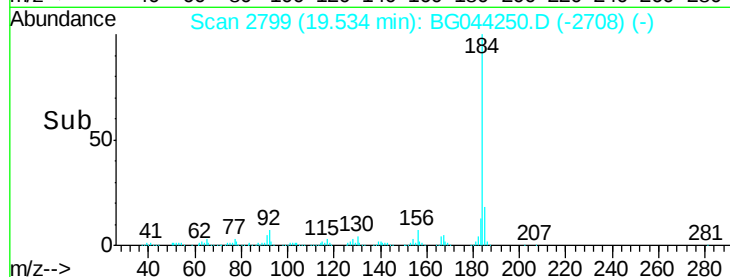
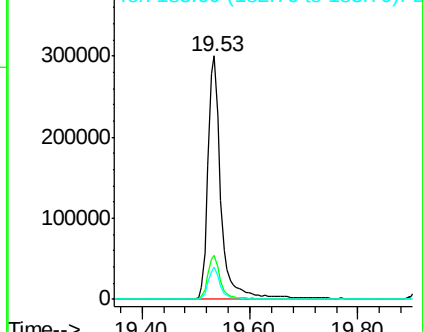


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.392 ng

RT: 19.72 min Scan# 2830

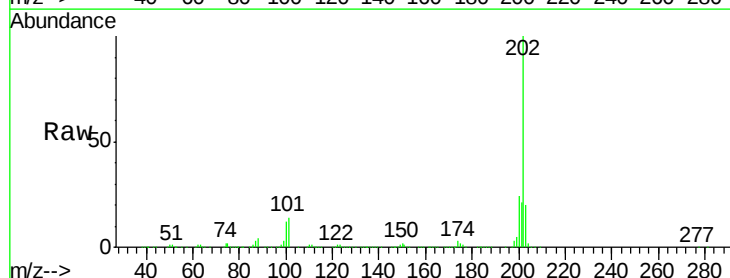
Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Tgt Ion:202 Resp: 1223327

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 24.3  | 20.0  | 30.0  |
| 203 | 20.2  | 16.2  | 24.2  |

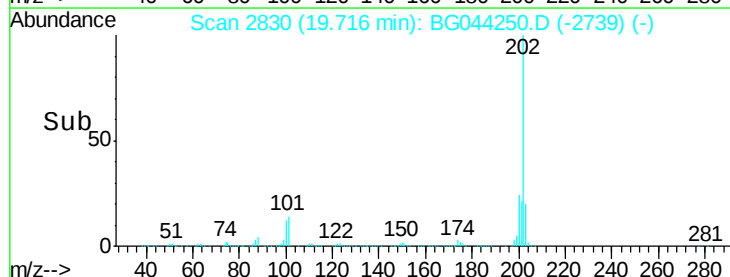
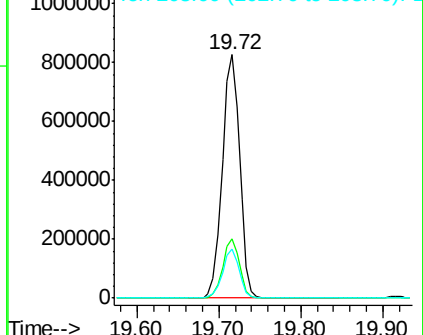


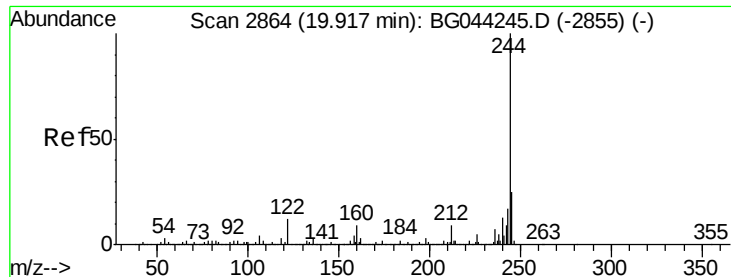
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.946 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

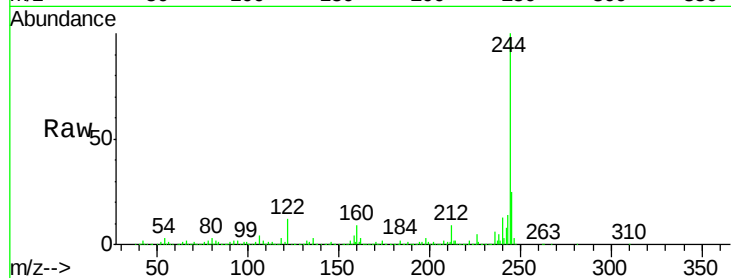
Tot Ion:244 Resp: 1743966

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.2

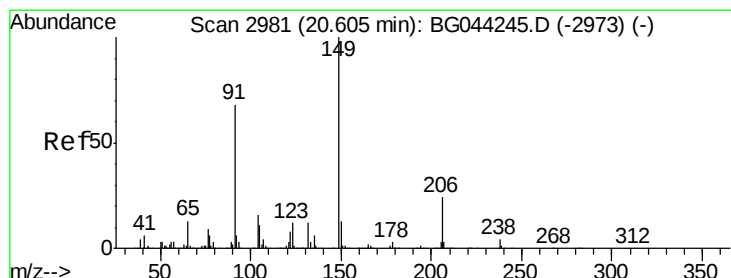
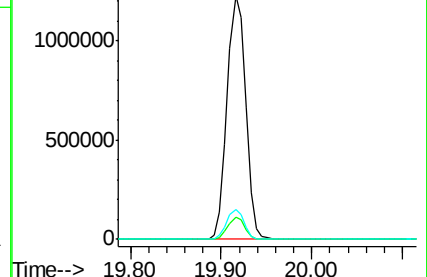
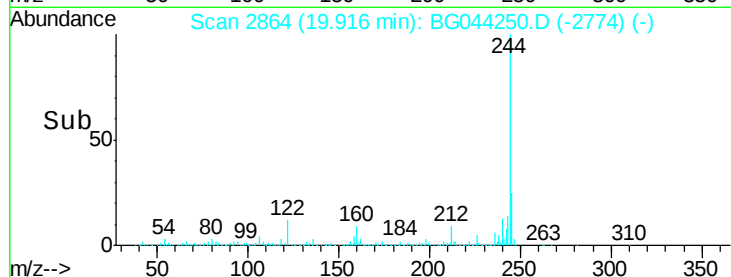
122 12.5 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.879 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

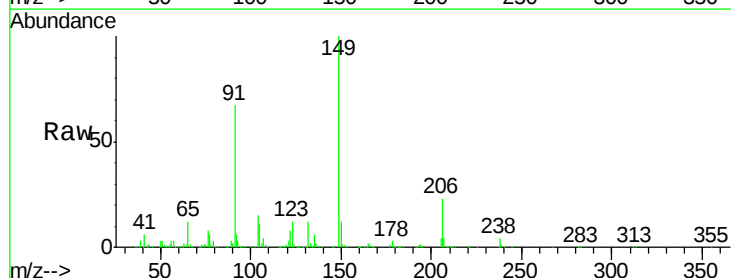
Tgt Ion:149 Resp: 564037

Ion Ratio Lower Upper

149 100

91 67.4 54.5 81.7

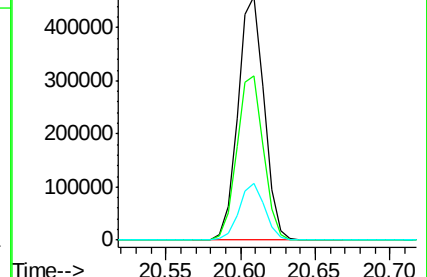
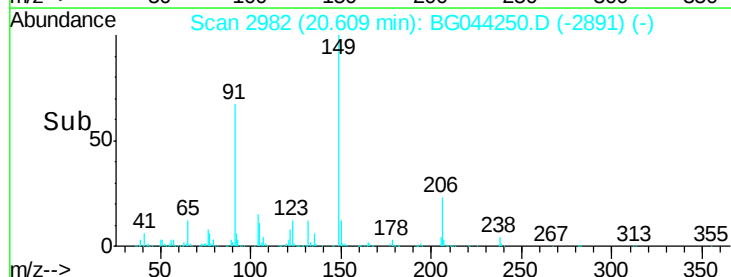
206 23.2 19.1 28.7

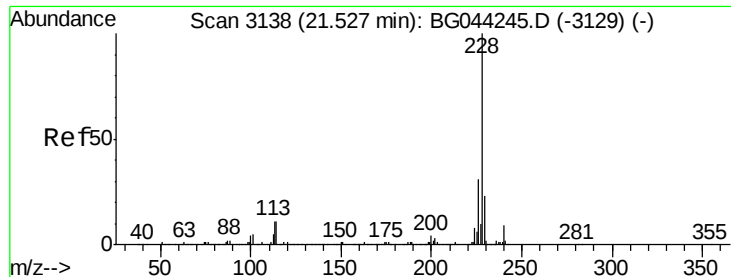


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

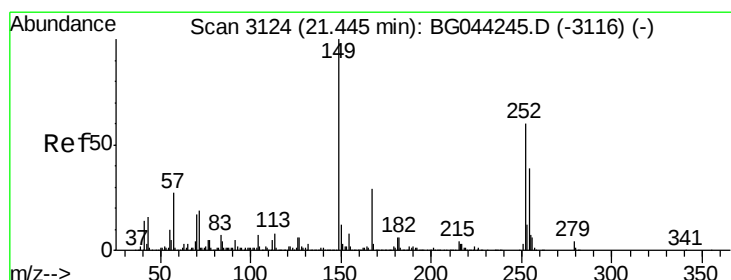
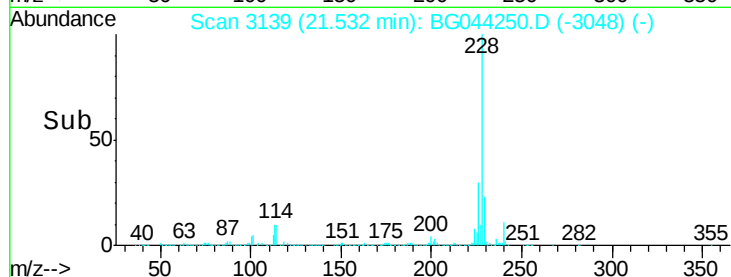
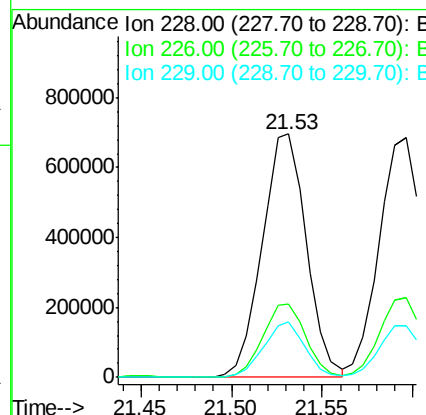
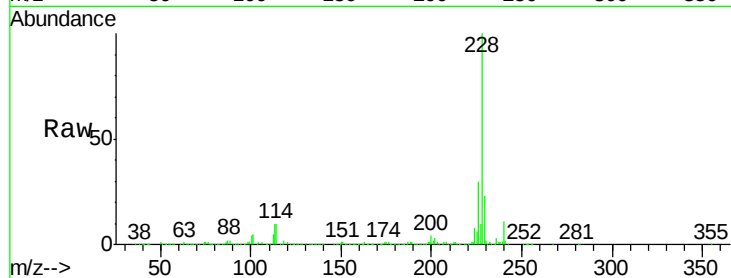




#81  
Benzo(a)anthracene  
Concen: 41.509 ng  
RT: 21.53 min Scan# 3139  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

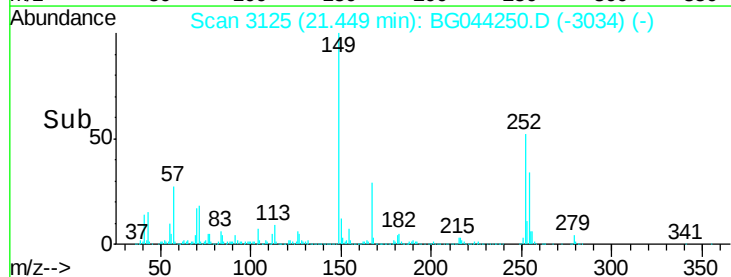
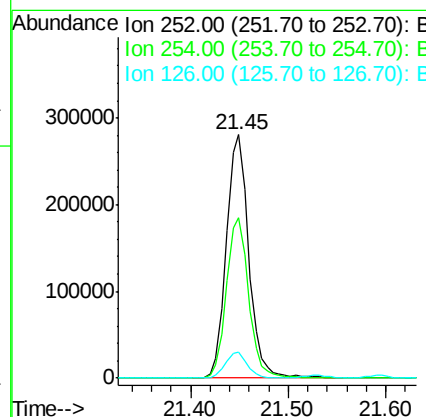
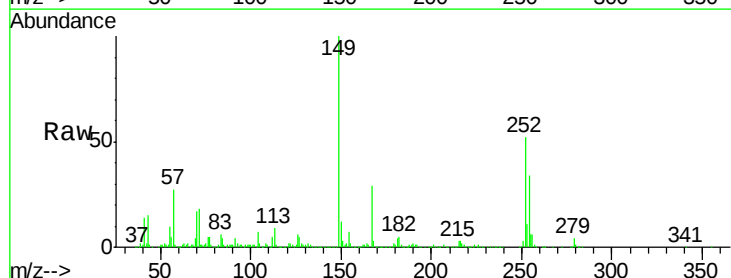
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

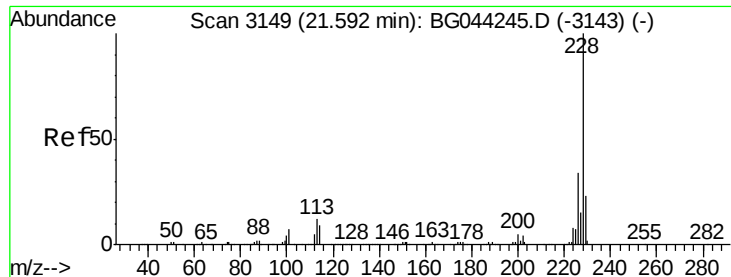
Tot Ion:228 Resp: 1177332  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.7 37.1  
229 22.5 18.2 27.4



#82  
3,3'-Dichlorobenzidine  
Concen: 40.805 ng  
RT: 21.45 min Scan# 3125  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Tgt Ion:252 Resp: 449181  
Ion Ratio Lower Upper  
252 100  
254 66.0 52.6 78.8  
126 10.6 8.2 12.4





#83

Chrvsene

Concen: 41.671 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

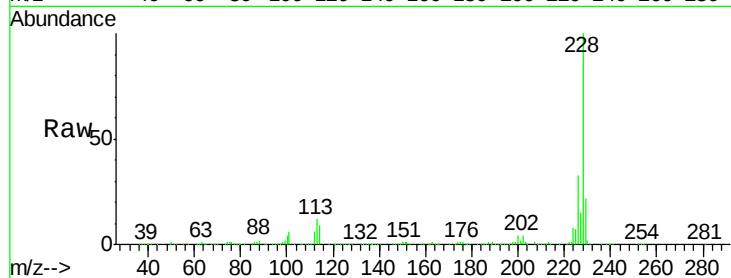
Tot Ion:228 Resp: 1142440

Ion Ratio Lower Upper

228 100

226 33.2 27.1 40.7

229 21.5 17.9 26.9

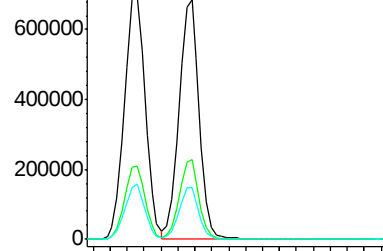


Abundance Ion 228.00 (227.70 to 228.70): E

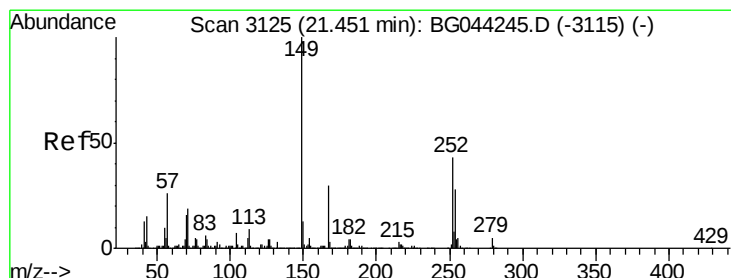
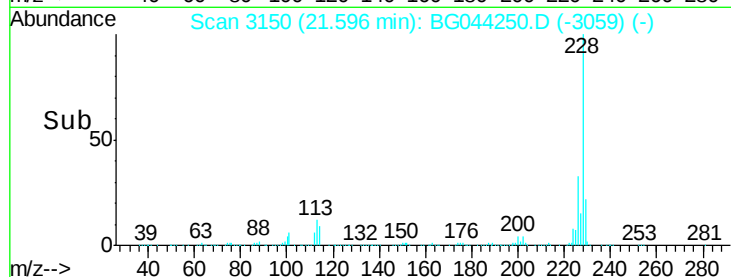
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.60



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.887 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

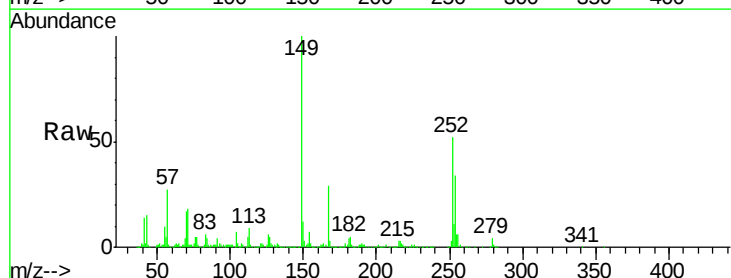
Tgt Ion:149 Resp: 776512

Ion Ratio Lower Upper

149 100

167 29.5 24.0 36.0

279 4.2 3.8 5.8

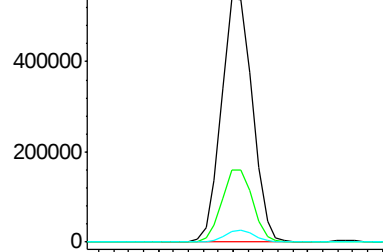


Abundance Ion 149.00 (148.70 to 149.70): E

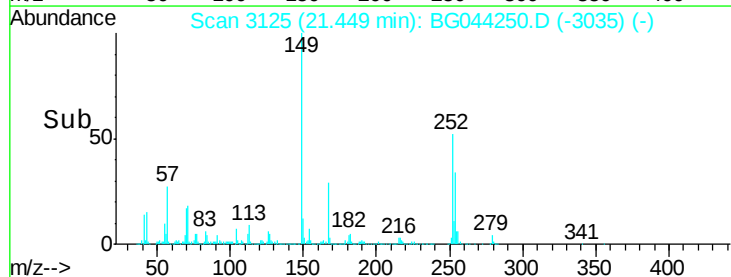
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.45



Time-->





#85

Di-n-octyl phthalate

Concen: 41.763 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

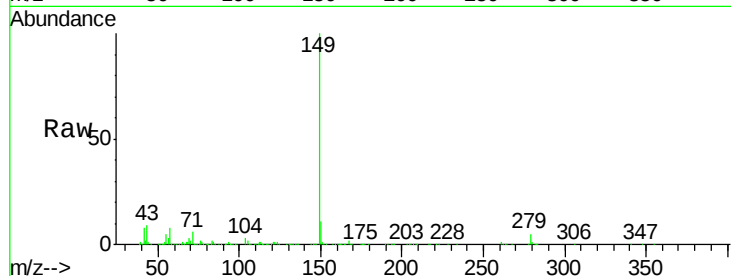
Tot Ion:149 Resp: 1339539

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

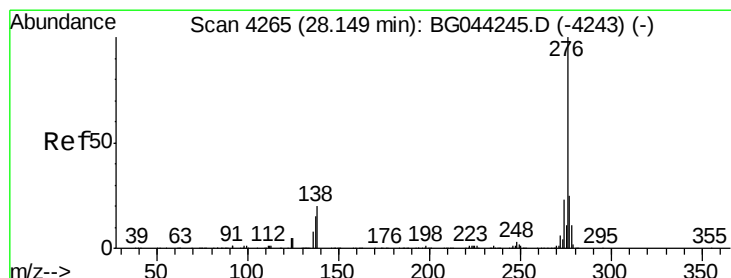
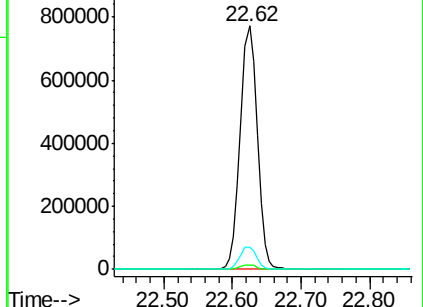
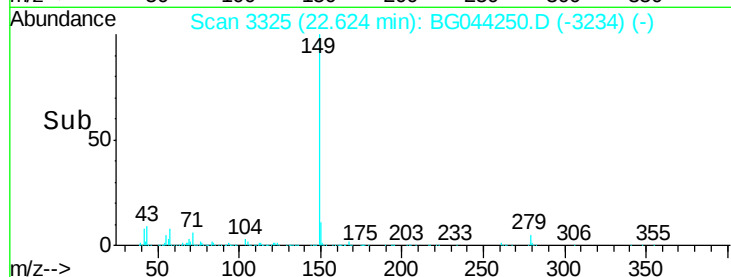
43 9.2 7.4 11.0



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: 40.598 ng

RT: 28.16 min Scan# 4267

Delta R.T. 0.01 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

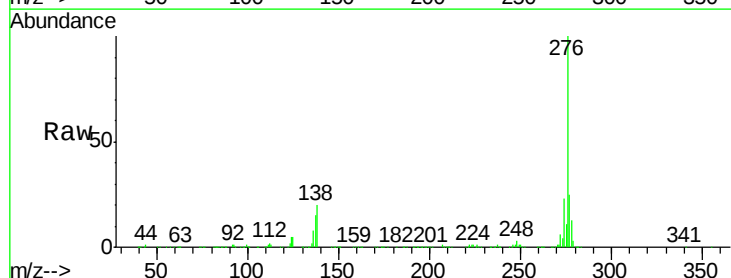
Tgt Ion:276 Resp: 1452085

Ion Ratio Lower Upper

276 100

138 24.1 19.4 29.0

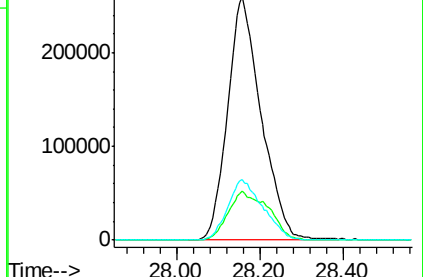
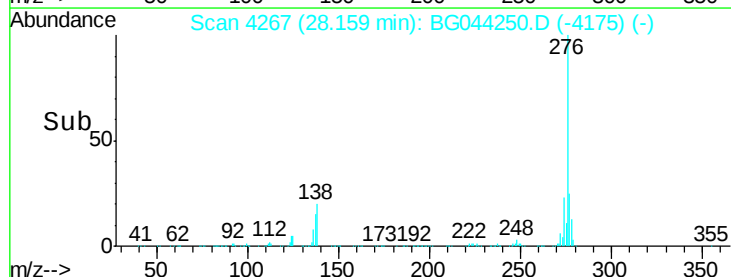
277 26.3 21.0 31.6

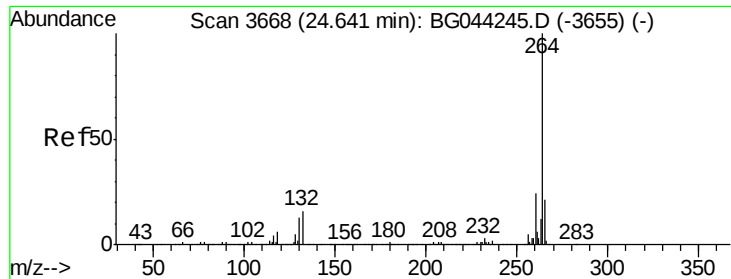


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG013020

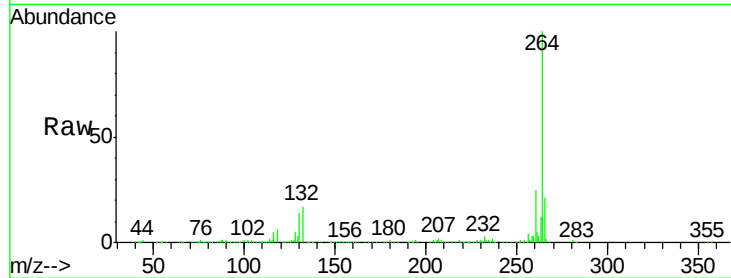
Tot Ion:264 Resp: 534728

Ion Ratio Lower Upper

264 100

260 25.5 19.4 29.2

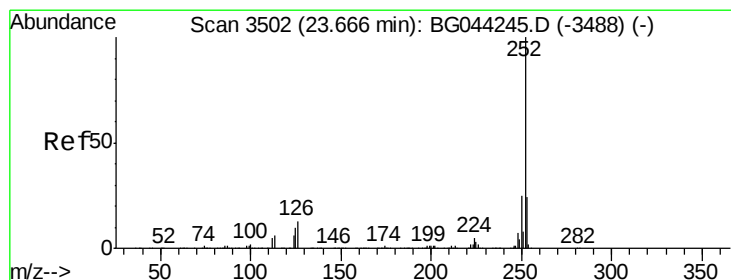
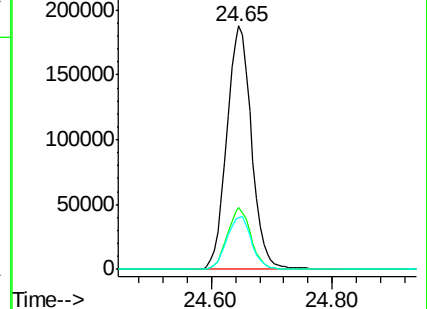
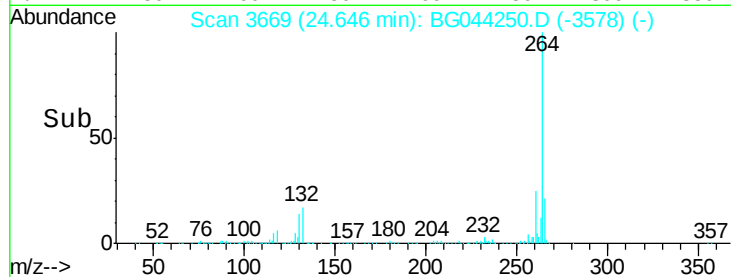
265 21.0 16.7 25.1



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: 40.730 ng

RT: 23.67 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BG044250.D

Acq: 30 Jan 2020 15:59

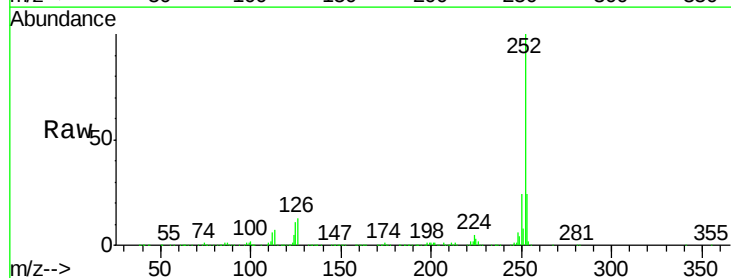
Tgt Ion:252 Resp: 1255014

Ion Ratio Lower Upper

252 100

253 23.8 19.2 28.8

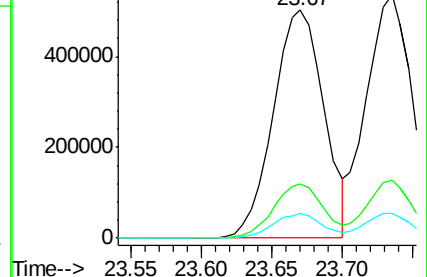
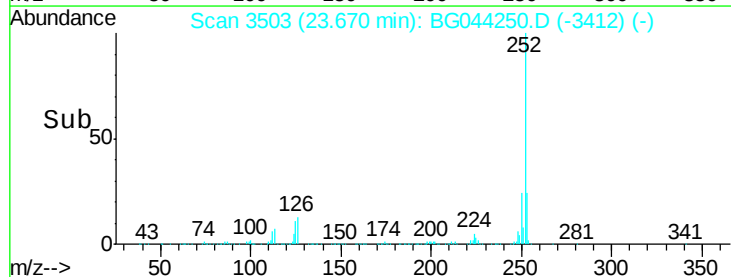
125 11.0 8.4 12.6



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

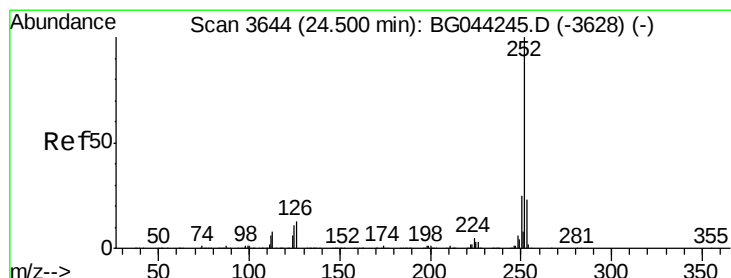
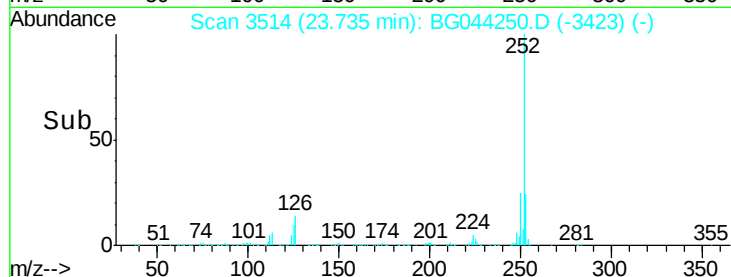
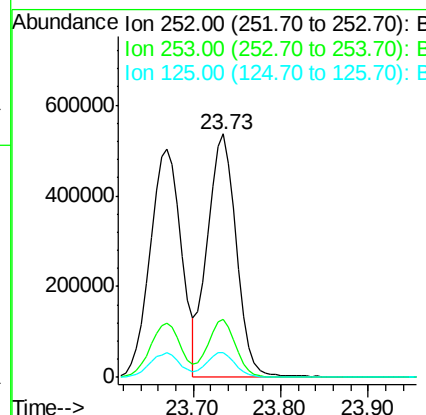
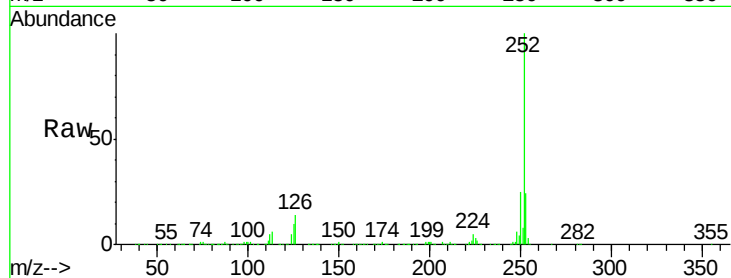




#89  
Benzo(k)fluoranthene  
Concen: 41.024 ng  
RT: 23.73 min Scan# 3514  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

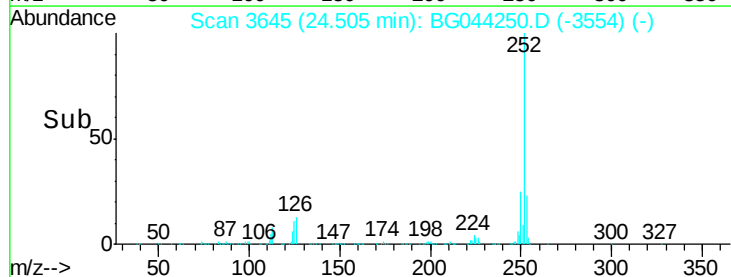
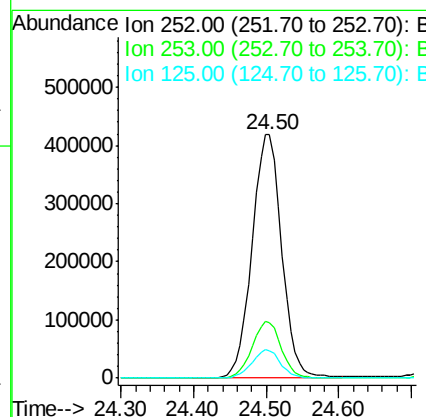
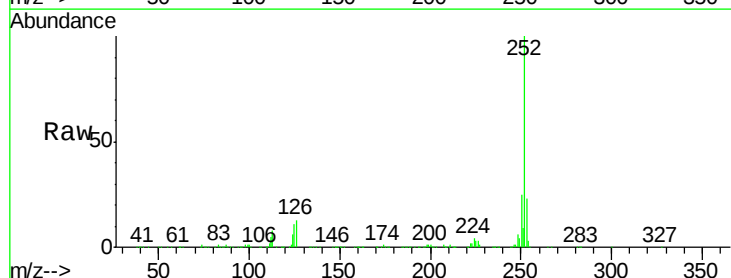
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

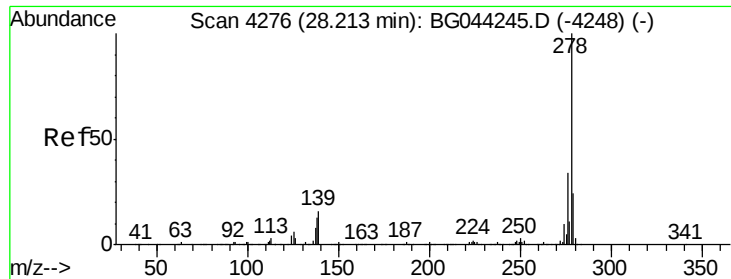
Tot Ion:252 Resp: 1232020  
Ion Ratio Lower Upper  
252 100  
253 24.0 19.1 28.7  
125 10.2 8.6 12.8



#90  
Benzo(a)pyrene  
Concen: 40.691 ng  
RT: 24.50 min Scan# 3645  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Tgt Ion:252 Resp: 1185459  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.1 27.1  
125 11.0 8.6 13.0



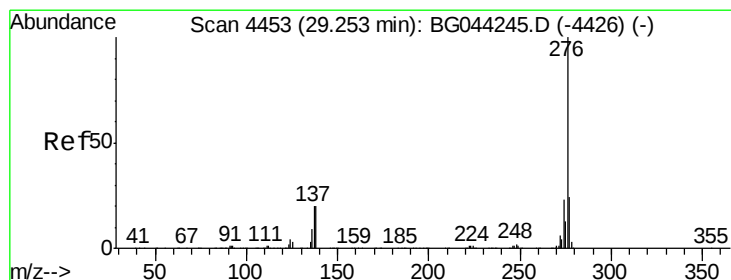
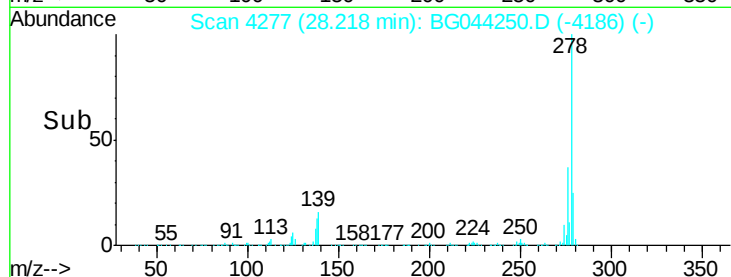
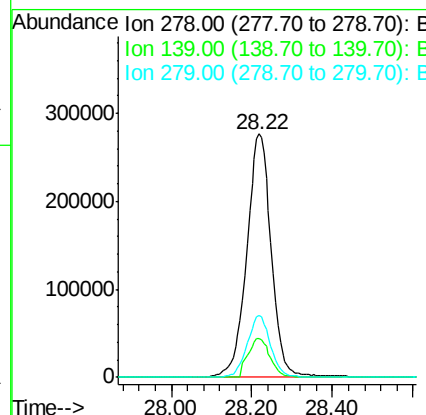
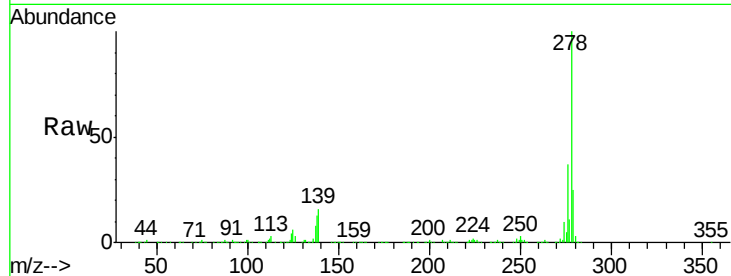


#91  
Dibenzo(a,h)anthracene  
Concen: 40.533 ng  
RT: 28.22 min Scan# 4277  
Delta R.T. 0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG013020

Tot Ion:278 Resp: 1168662

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.7  | 12.7  | 19.1  |
| 279 | 25.2  | 19.3  | 28.9  |



#92  
Benzo(g,h,i)perylene  
Concen: 40.326 ng  
RT: 29.25 min Scan# 4453  
Delta R.T. -0.00 min  
Lab File: BG044250.D  
Acq: 30 Jan 2020 15:59

Tgt Ion:276 Resp: 1163941

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 25.2  | 18.8  | 28.2  |
| 138 | 20.9  | 16.2  | 24.2  |

