

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\  
 Data File : BG041694.D  
 Acq On : 17 Jul 2019 19:04  
 Operator : HP/JU  
 Sample : K3835-07MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 18 07:10:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 16:16:21 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 106907   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.85 | 136  | 426679   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.67 | 164  | 272987   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 663269   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.66 | 240  | 657219   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.85 | 264  | 773835   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 822439  | 125.76 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 1112649 | 126.49 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.21  | 82  | 678715  | 96.74  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 469885  | 152.73 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.30 | 172 | 1520707 | 86.26  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.01 | 244 | 2323474 | 82.62  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 95741  | 30.825 | ng | 99     |
| 3) Pyridine                    | 3.90  | 79  | 73002  | 8.805  | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.80  | 42  | 135575 | 35.409 | ng | 97     |
| 6) Aniline                     | 7.37  | 93  | 284691 | 24.082 | ng | 99     |
| 8) 2-Chlorophenol              | 7.61  | 128 | 297757 | 40.218 | ng | 96     |
| 9) Benzaldehyde                | 7.17  | 77  | 164981 | 28.197 | ng | 96     |
| 10) Phenol                     | 7.23  | 94  | 372753 | 40.222 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 276300 | 36.916 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146 | 324620 | 36.747 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 326123 | 36.864 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146 | 307547 | 36.872 | ng | 94     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 265958 | 37.979 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 547695 | 35.314 | ng | 99     |
| 17) 2-Methylphenol             | 8.48  | 107 | 260907 | 40.710 | ng | 98     |
| 18) Hexachloroethane           | 9.14  | 117 | 117198 | 36.169 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 236839 | 36.838 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 358089 | 40.772 | ng | 99     |
| 22) Acetophenone               | 8.87  | 105 | 432665 | 41.634 | ng | # 97   |
| 24) Nitrobenzene               | 9.25  | 77  | 325638 | 42.547 | ng | 99     |
| 25) Isophorone                 | 9.77  | 82  | 626280 | 40.765 | ng | 98     |
| 26) 2-Nitrophenol              | 9.96  | 139 | 167547 | 47.747 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122 | 303459 | 49.922 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.25 | 93  | 381740 | 40.316 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 318139 | 45.905 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180 | 333754 | 41.015 | ng | 96     |
| 31) Naphthalene                | 10.90 | 128 | 868001 | 41.321 | ng | 100    |
| 32) Benzoic acid               | 10.02 | 122 | 303459 | 63.536 | ng | # 15   |
| 33) 4-Chloroaniline            | 11.00 | 127 | 261375 | 26.975 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 206955 | 39.570 | ng | 97     |
| 35) Caprolactam                | 11.77 | 113 | 124957 | 49.054 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 331124 | 45.607 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.50 | 142 | 670546 | 41.782 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.72 | 142 | 633389 | 41.397 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 389072 | 41.608 | ng | 99     |

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 Sample : K3835-07MS  
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 ALS Vial : 4 Sample Multiplier: 1

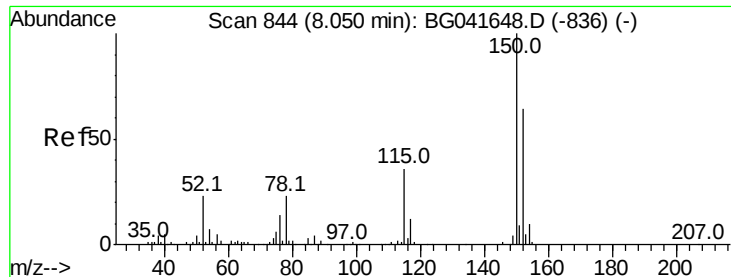
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 18 07:10:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 16:16:21 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 529748   | 100.150 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.10 | 196  | 281868   | 46.392  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 308422   | 48.180  | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 847974   | 41.462  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.55 | 162  | 682133   | 40.020  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.74 | 65   | 225039   | 45.346  | ng    | 95       |
| 49) Acenaphthylene             | 14.39 | 152  | 1086432  | 40.830  | ng    | 99       |
| 50) Dimethylphthalate          | 14.12 | 163  | 1538561  | 71.761  | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 204858   | 45.047  | ng    | 98       |
| 52) Acenaphthene               | 14.73 | 154  | 705367   | 42.065  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.55 | 138  | 180098   | 36.278  | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 134785   | 60.707  | ng    | 98       |
| 55) Dibenzofuran               | 15.06 | 168  | 1046009  | 41.570  | ng    | 98       |
| 56) 4-Nitrophenol              | 14.86 | 139  | 413391   | 102.853 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.01 | 165  | 294736   | 49.029  | ng    | 99       |
| 58) Fluorene                   | 15.71 | 166  | 846942   | 41.366  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 307967   | 52.111  | ng    | 96       |
| 60) Diethylphthalate           | 15.48 | 149  | 898762   | 41.611  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204  | 481356   | 41.591  | ng    | 97       |
| 62) 4-Nitroaniline             | 15.72 | 138  | 242699   | 46.096  | ng    | 99       |
| 63) Azobenzene                 | 15.99 | 77   | 791476   | 40.532  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 155879   | 49.297  | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 797577   | 40.948  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.59 | 248  | 324037   | 41.059  | ng    | 99       |
| 68) Hexachlorobenzene          | 16.72 | 284  | 319283   | 40.176  | ng    | 97       |
| 69) Atrazine                   | 16.86 | 200  | 332811   | 47.084  | ng    | 99       |
| 70) Pentachlorophenol          | 17.05 | 266  | 479837   | 96.564  | ng    | 99       |
| 71) Phenanthrene               | 17.44 | 178  | 1391588  | 41.661  | ng    | 97       |
| 72) Anthracene                 | 17.53 | 178  | 1432192  | 43.015  | ng    | 97       |
| 73) Carbazole                  | 17.80 | 167  | 1342975  | 43.491  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.37 | 149  | 1532874  | 40.701  | ng    | 97       |
| 75) Fluoranthene               | 19.45 | 202  | 1709482  | 41.679  | ng    | 96       |
| 78) Pyrene                     | 19.81 | 202  | 1733788  | 39.006  | ng    | 97       |
| 80) Butylbenzylphthalate       | 20.69 | 149  | 749949   | 40.602  | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.63 | 228  | 1713112  | 40.343  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.55 | 252  | 547774   | 32.782  | ng    | 98       |
| 83) Chrysene                   | 21.70 | 228  | 1664551  | 41.024  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 1045885  | 40.104  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.77 | 149  | 1827771  | 41.154  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.50 | 276  | 2206164  | 41.207  | ng    | # 91     |
| 88) Benzo(b)fluoranthene       | 23.84 | 252  | 1902541  | 40.532  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.91 | 252  | 1826790  | 42.001  | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.70 | 252  | 1878633  | 42.301  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.57 | 278  | 1804274  | 41.901  | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.64 | 276  | 1836748  | 42.565  | ng    | 98       |

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



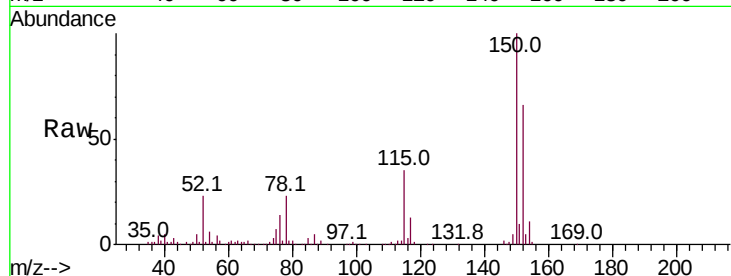


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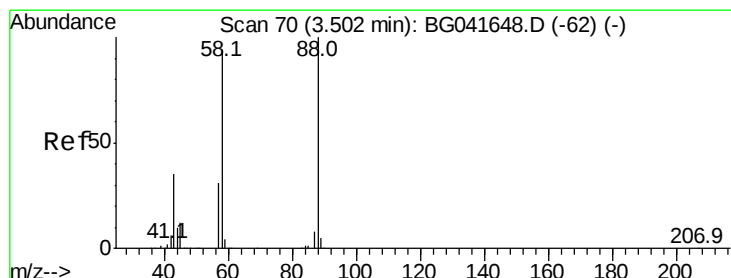
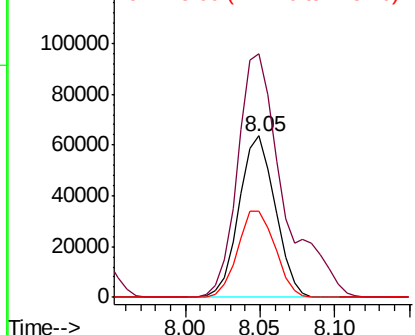
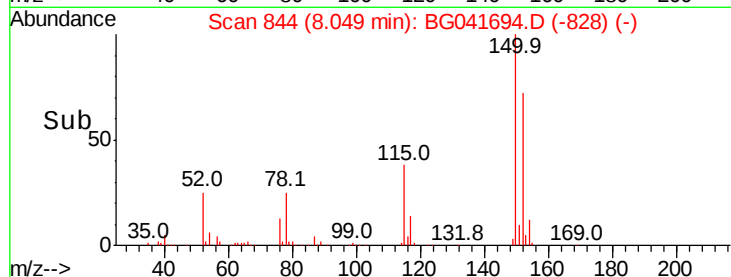
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 844  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 106907  
Ion Ratio Lower Upper  
152 100  
150 151.0 126.9 190.3  
115 53.1 45.0 67.6



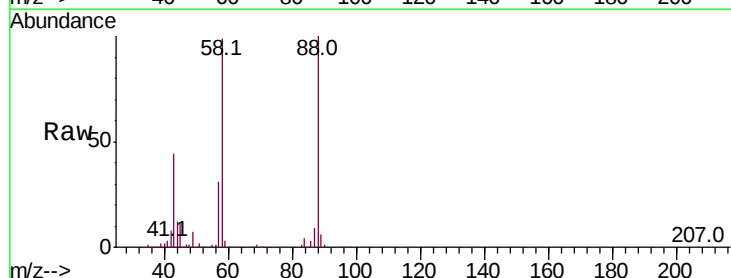
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



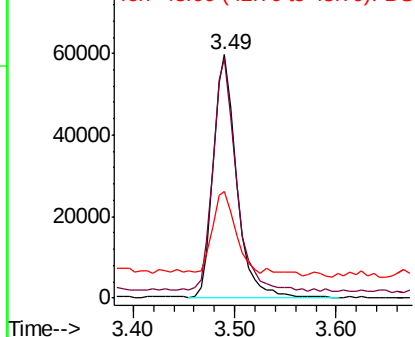
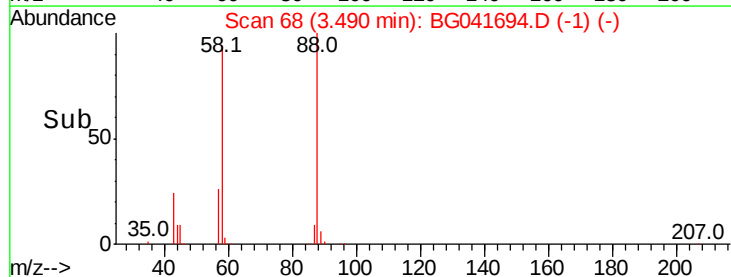
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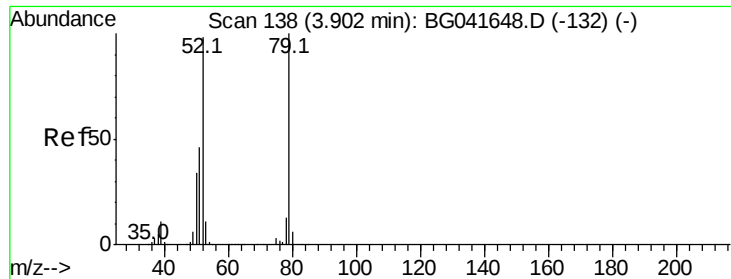
1,4-Dioxane  
Concen: 30.825 ng  
RT: 3.49 min Scan# 68  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Tgt Ion: 88 Resp: 95741  
Ion Ratio Lower Upper  
88 100  
58 94.7 76.2 114.2  
43 32.2 27.2 40.8



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: 8.805 ng

RT: 3.90 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

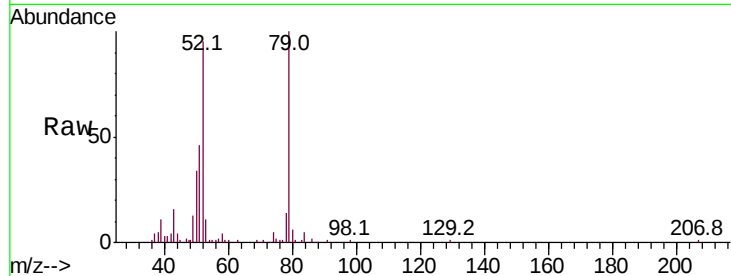
Tot Ion: 79 Resp: 73002

Ion Ratio Lower Upper

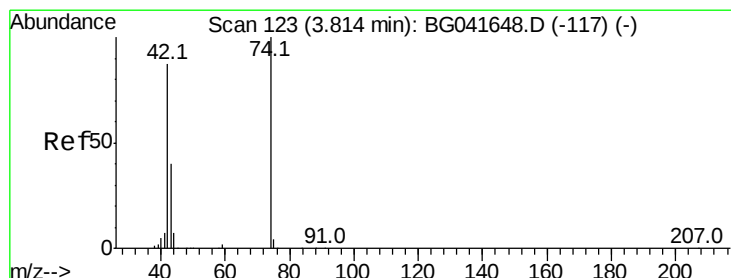
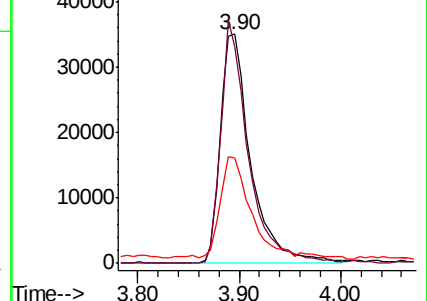
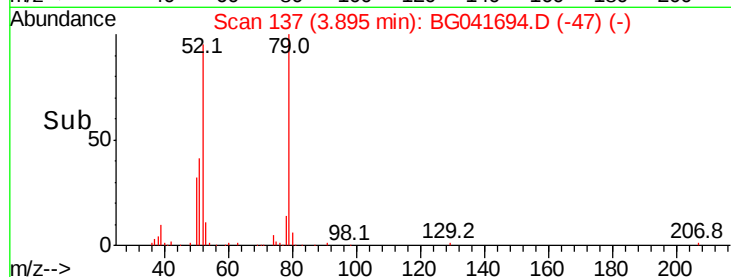
79 100

52 94.9 77.1 115.7

51 46.0 37.8 56.8



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



#4

n-Nitrosodimethylamine

Concen: 35.409 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

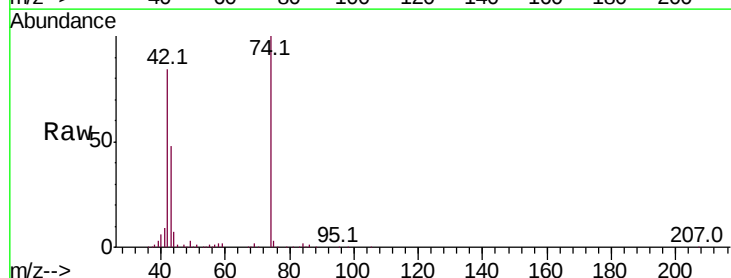
Tgt Ion: 42 Resp: 135575

Ion Ratio Lower Upper

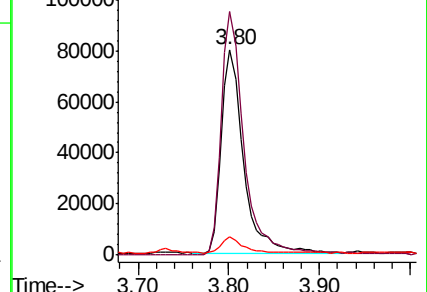
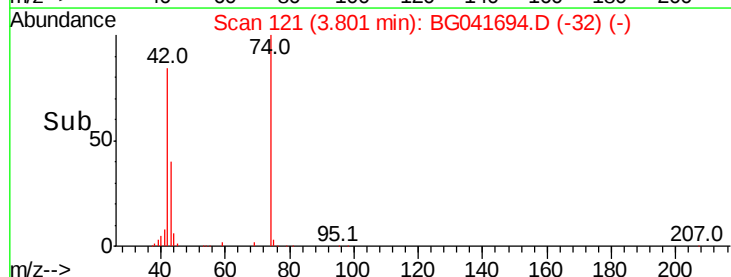
42 100

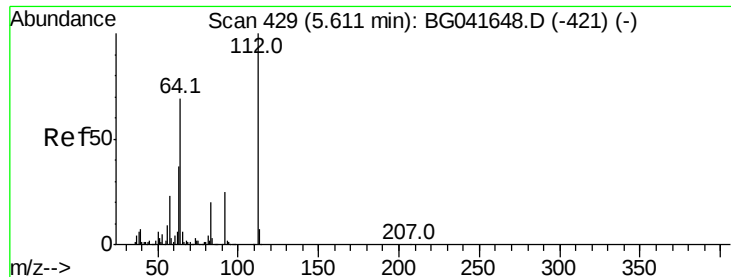
74 118.4 97.4 146.2

44 8.8 6.6 9.8



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: 125.762 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

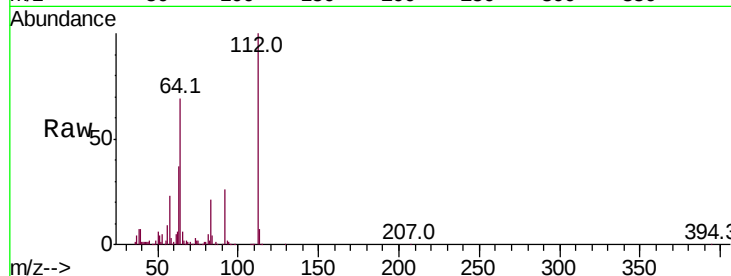
Tot Ion:112 Resp: 822439

Ion Ratio Lower Upper

112 100

64 68.7 55.4 83.2

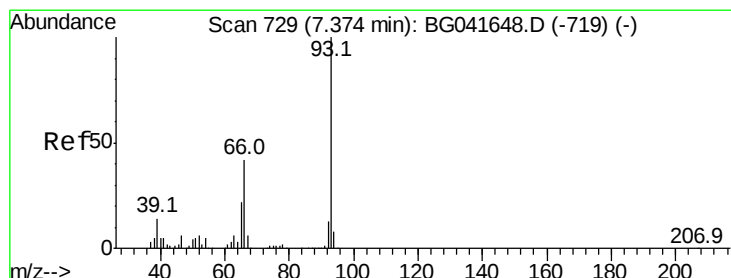
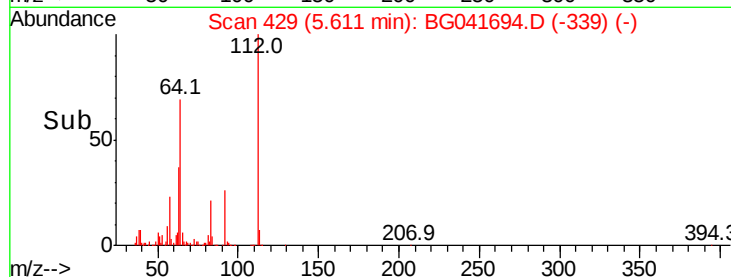
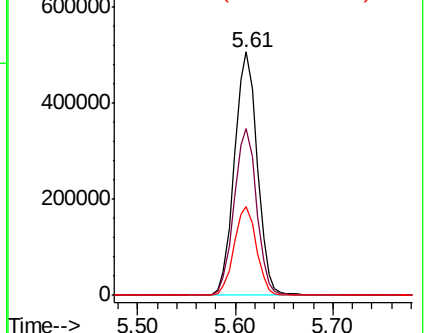
63 36.5 29.1 43.7



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: 24.082 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

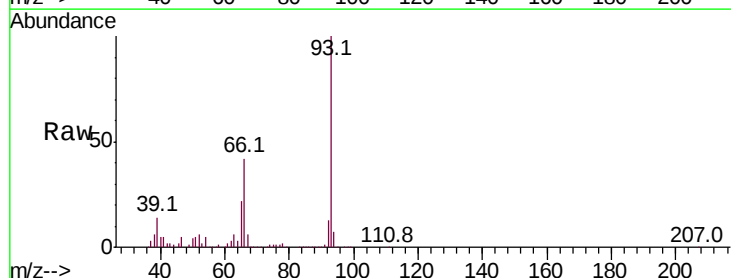
Tgt Ion: 93 Resp: 284691

Ion Ratio Lower Upper

93 100

66 41.7 34.2 51.2

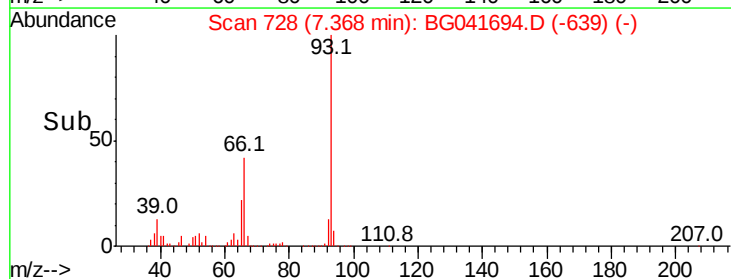
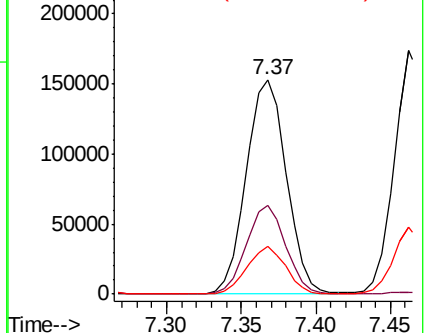
65 22.3 18.2 27.2

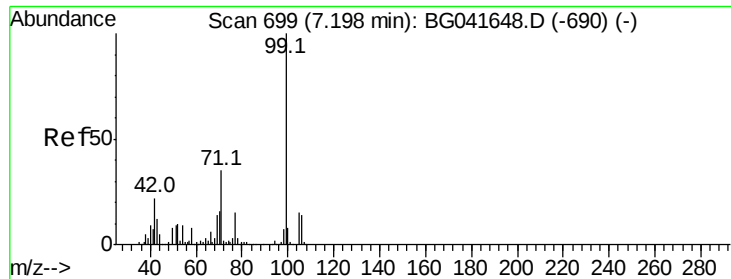


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.493 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

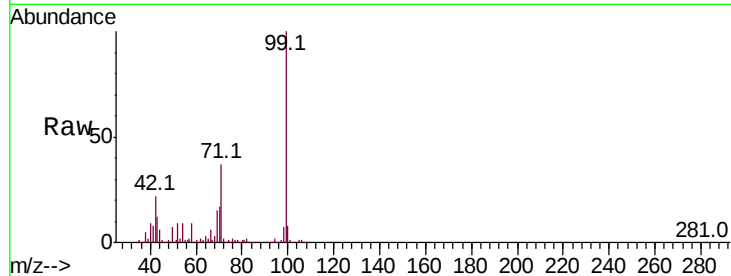
Tot Ion: 99 Resp: 1112649

Ion Ratio Lower Upper

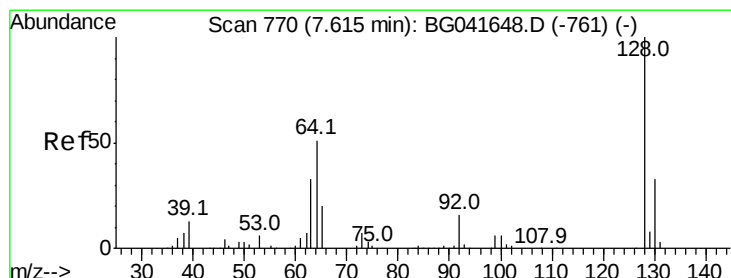
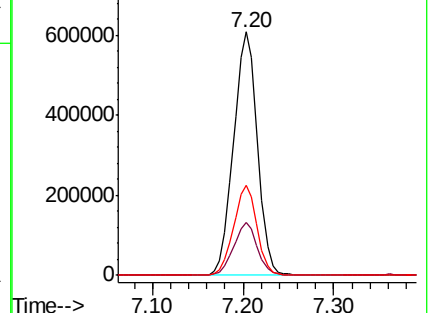
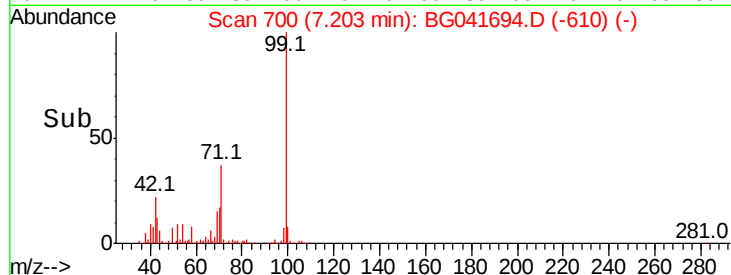
99 100

42 21.9 17.6 26.4

71 36.8 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.218 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

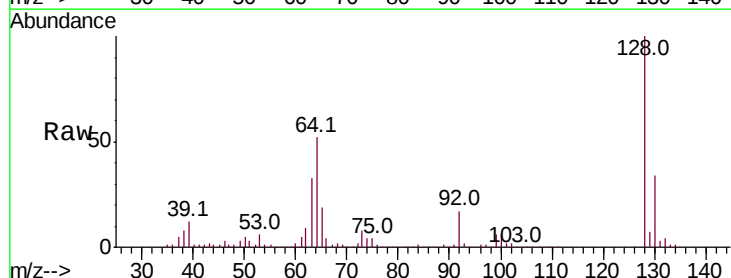
Tgt Ion:128 Resp: 297757

Ion Ratio Lower Upper

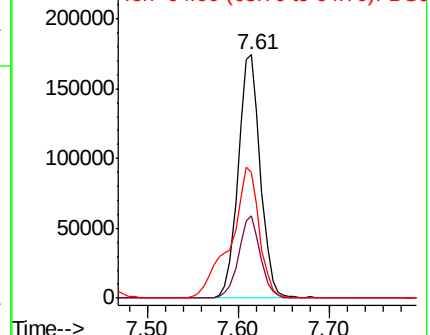
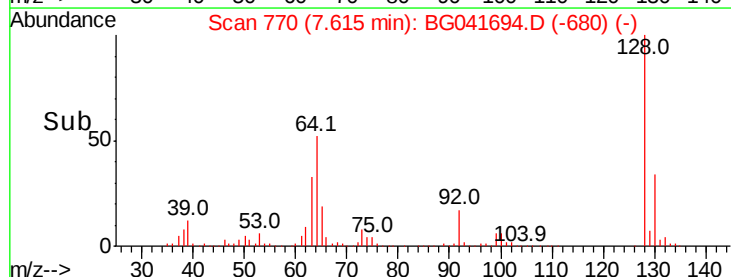
128 100

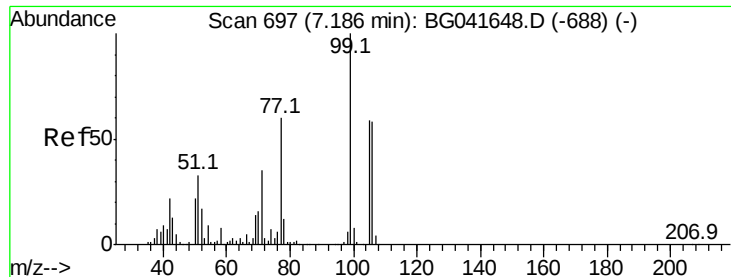
130 33.8 12.4 52.4

64 51.5 34.9 74.9



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





#9

Benzaldehyde

Concen: 28.197 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampled :

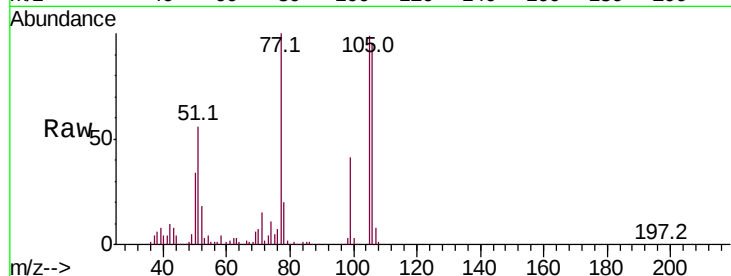
Tot Ion: 77 Resp: 164981

Ion Ratio Lower Upper

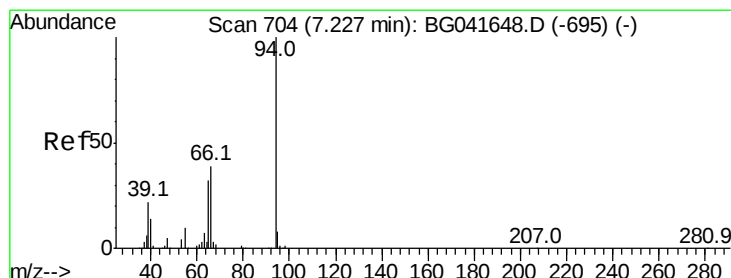
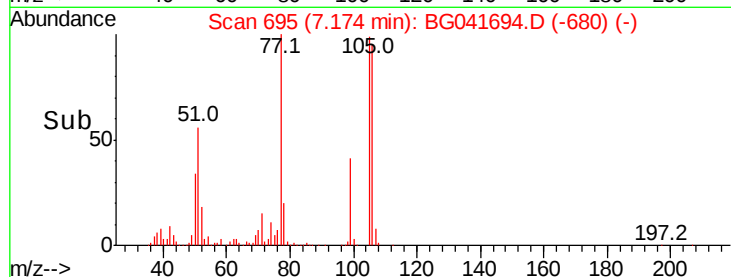
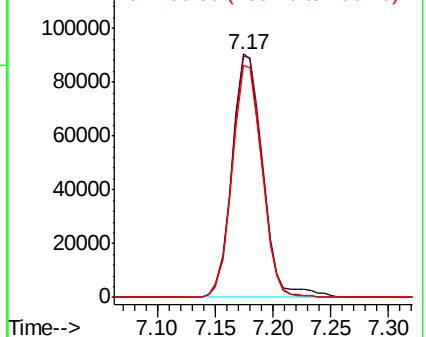
77 100

105 99.2 74.6 114.6

106 95.1 71.1 111.1



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



#10

Phenol

Concen: 40.222 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

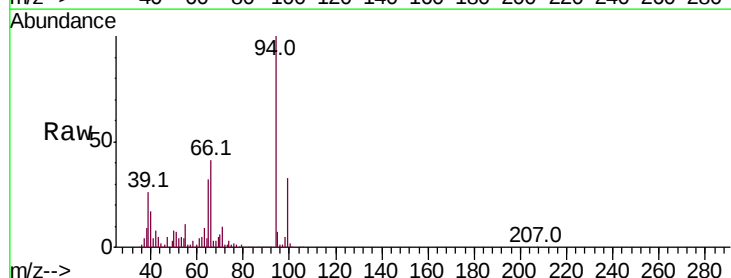
Tgt Ion: 94 Resp: 372753

Ion Ratio Lower Upper

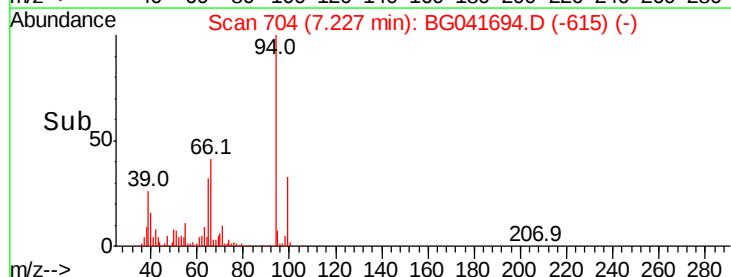
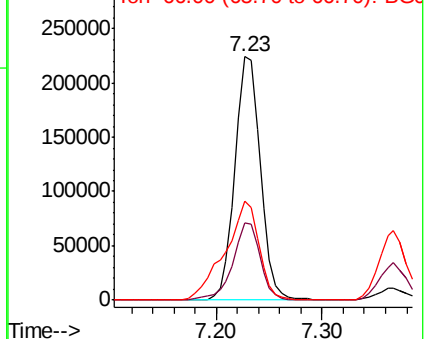
94 100

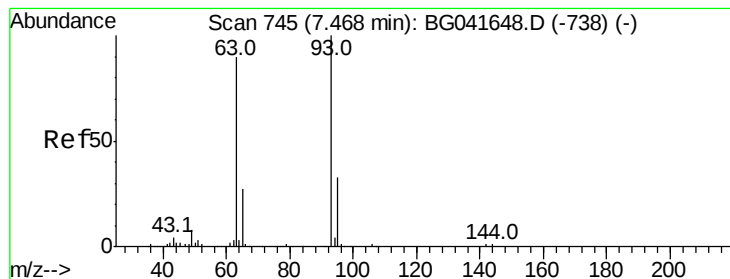
65 31.8 10.6 50.6

66 40.7 18.2 58.2



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: 36.916 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampled :

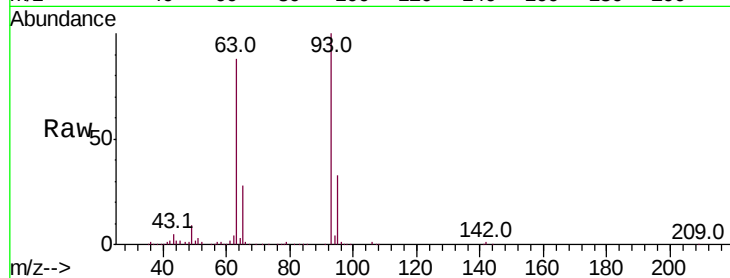
Tot Ion: 93 Resp: 276300

Ion Ratio Lower Upper

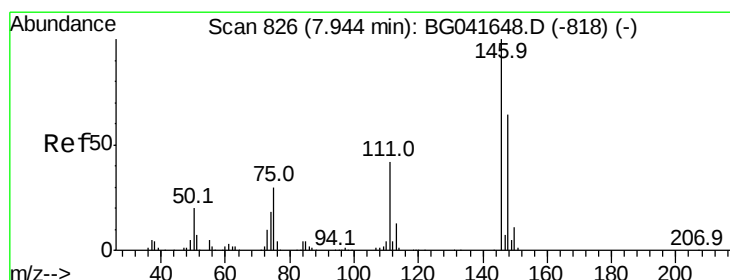
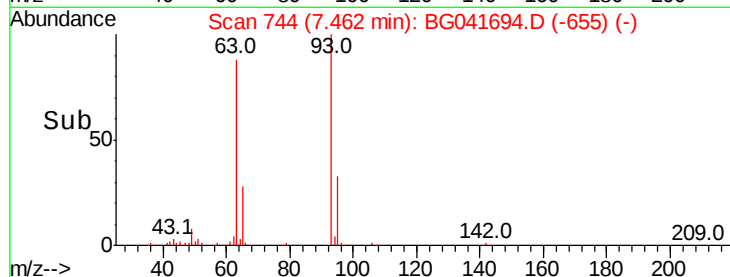
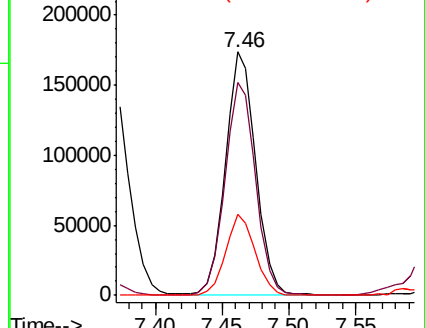
93 100

63 87.5 70.4 110.4

95 33.1 12.8 52.8



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: 36.747 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

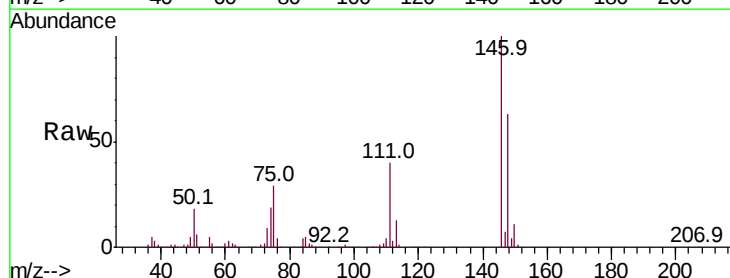
Tgt Ion: 146 Resp: 324620

Ion Ratio Lower Upper

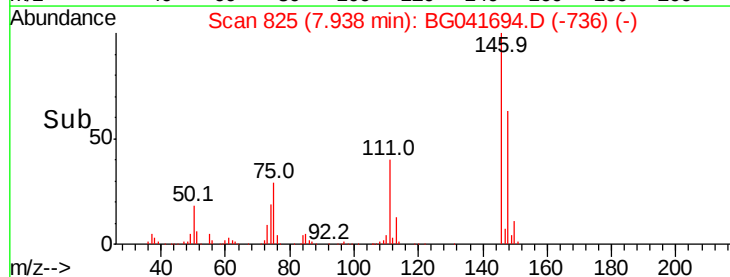
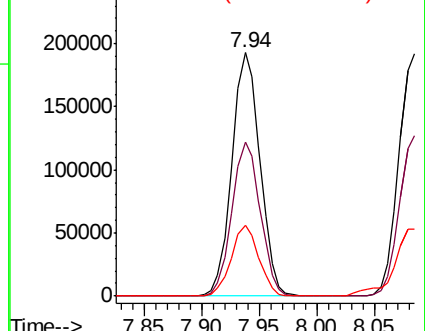
146 100

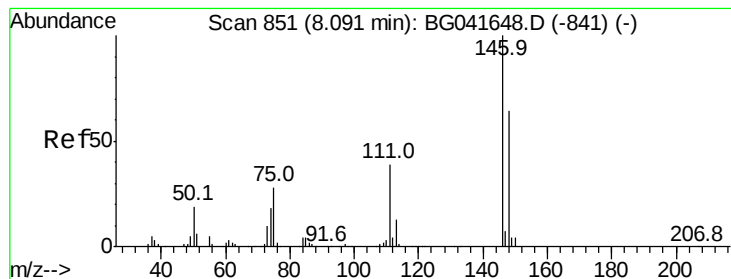
148 63.2 51.5 77.3

75 29.0 23.2 34.8



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: 36.864 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

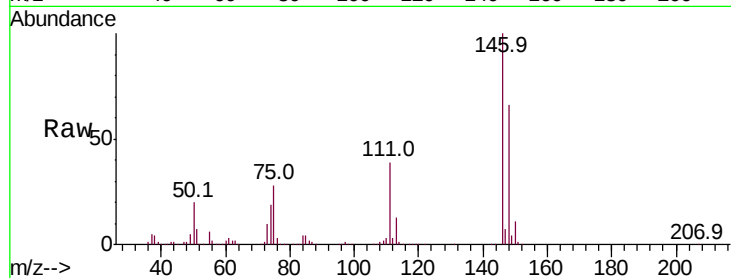
Tot Ion:146 Resp: 326123

Ion Ratio Lower Upper

146 100

148 66.2 52.6 79.0

111 39.3 32.5 48.7

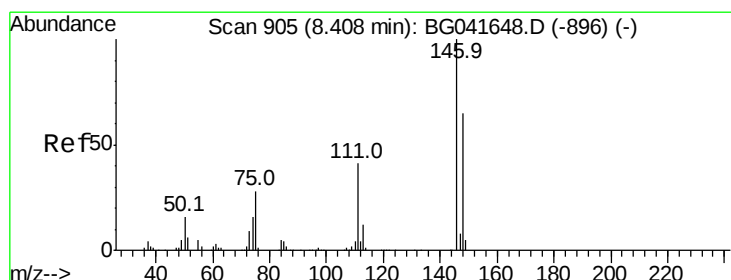
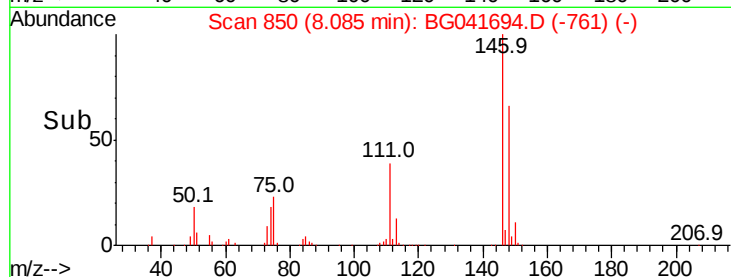
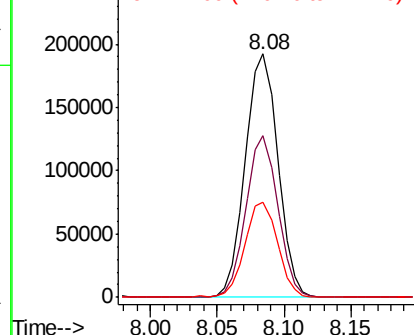


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.872 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

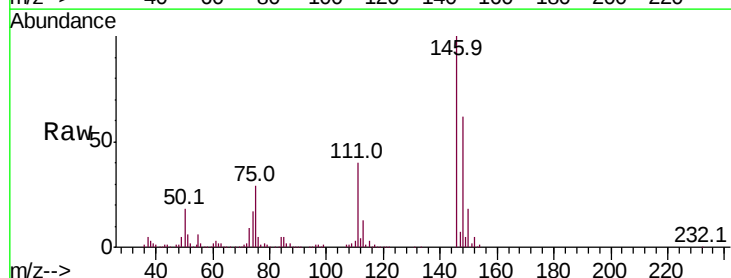
Tgt Ion:146 Resp: 307547

Ion Ratio Lower Upper

146 100

148 62.0 53.5 80.3

111 40.1 35.4 53.0

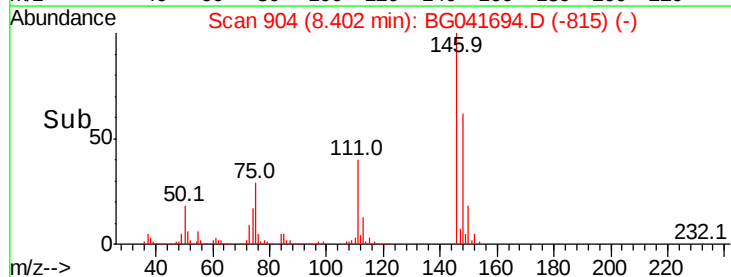
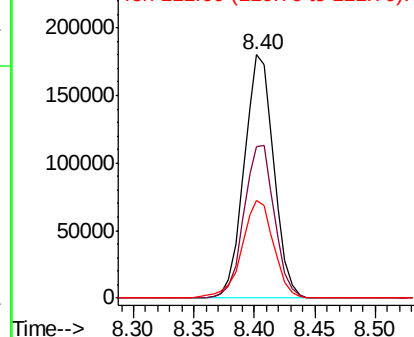


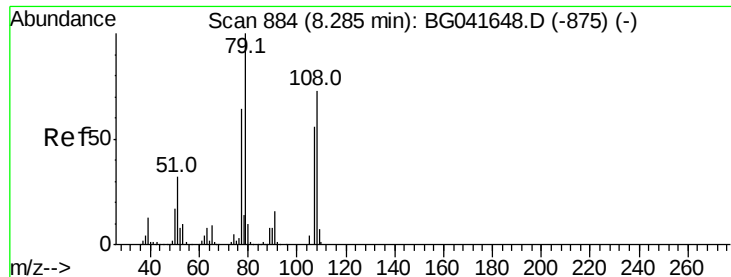
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.979 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

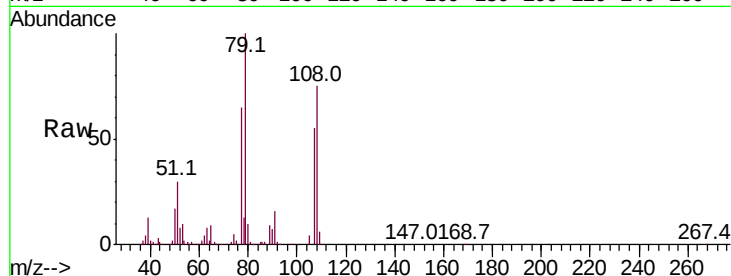
Tot Ion: 79 Resp: 265958

Ion Ratio Lower Upper

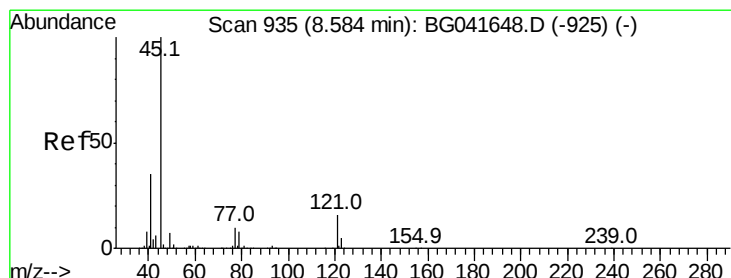
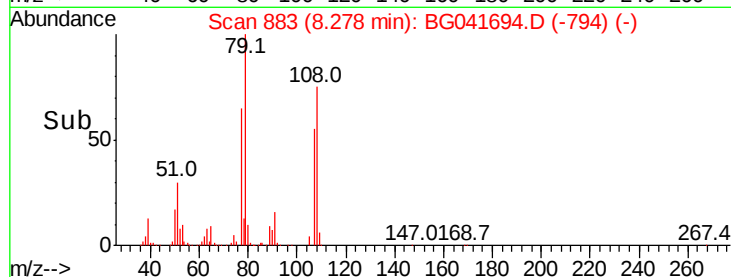
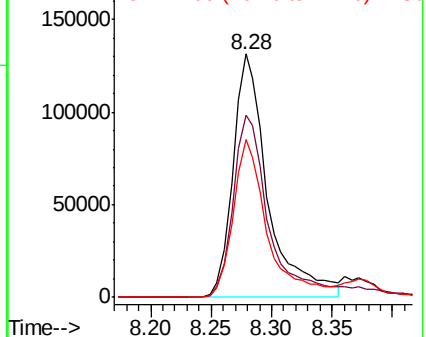
79 100

108 74.8 60.5 90.7

77 64.8 50.6 75.8



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: 35.314 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

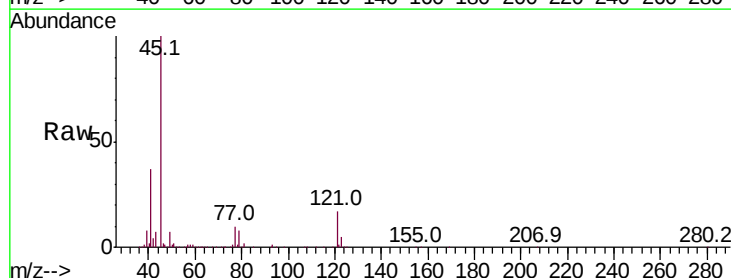
Tgt Ion: 45 Resp: 547695

Ion Ratio Lower Upper

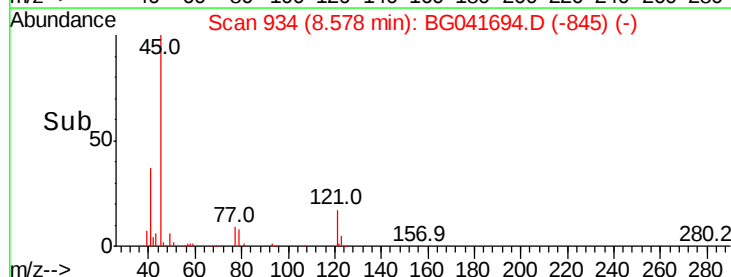
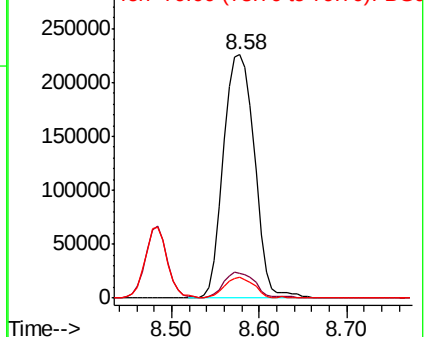
45 100

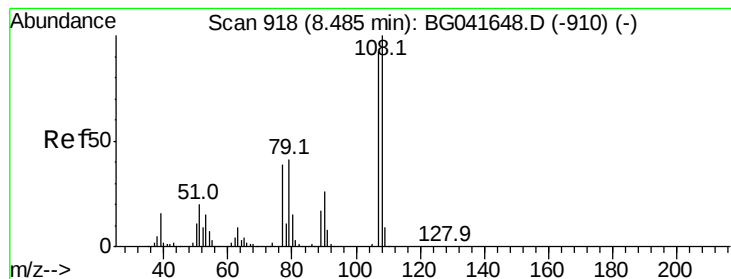
77 10.3 0.0 30.4

79 8.5 0.0 27.9



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





#17

2-Methylphenol

Concen: 40.710 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampled :

Tot Ion:107 Resp: 260907

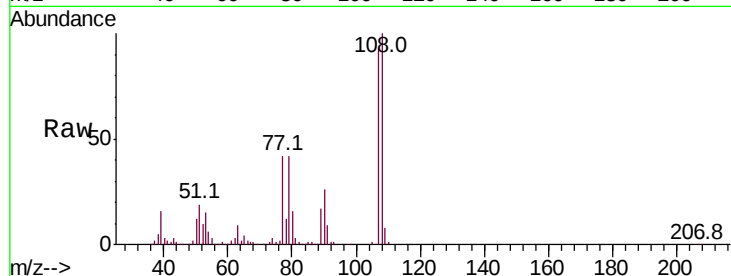
Ion Ratio Lower Upper

107 100

108 107.0 87.6 131.4

77 45.2 36.1 54.1

79 44.9 36.4 54.6

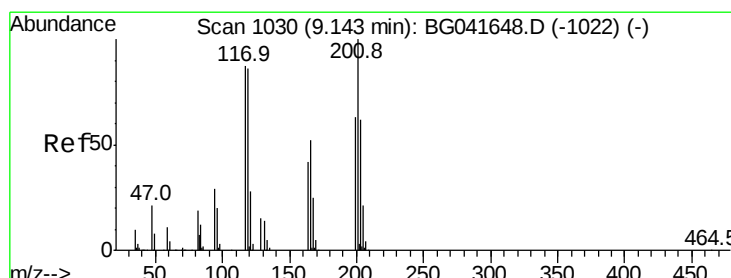
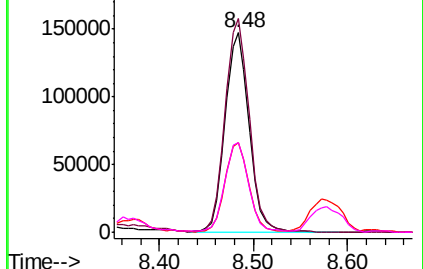
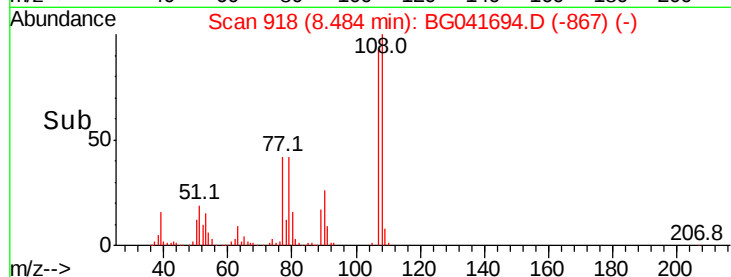


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.169 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

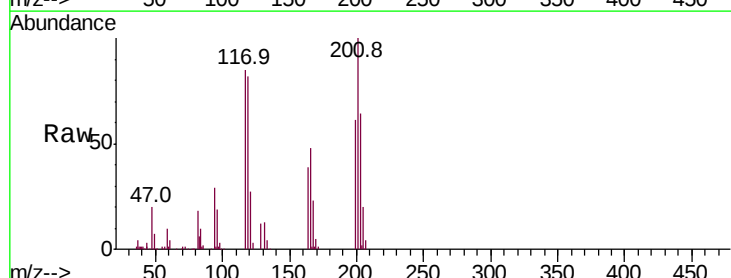
Tgt Ion:117 Resp: 117198

Ion Ratio Lower Upper

117 100

119 96.3 76.2 114.2

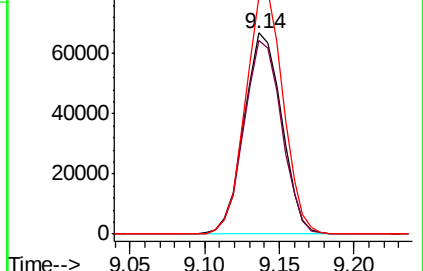
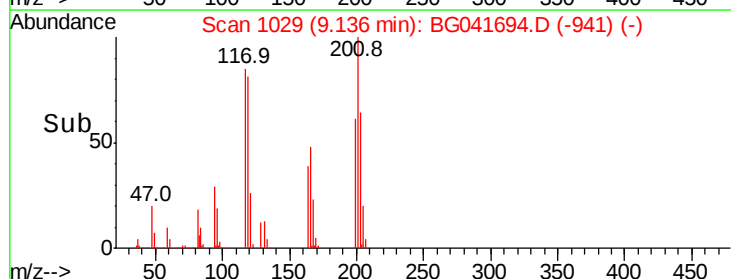
201 118.1 94.1 141.1

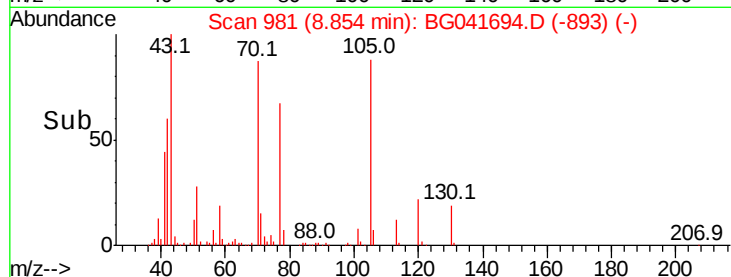
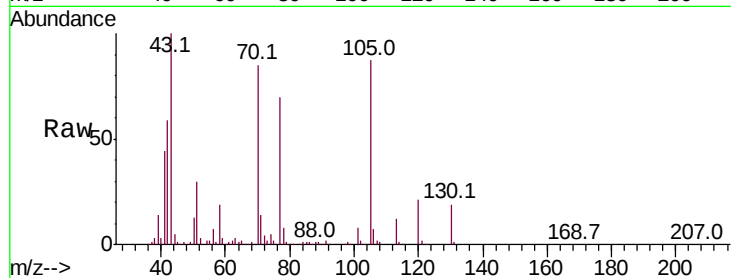
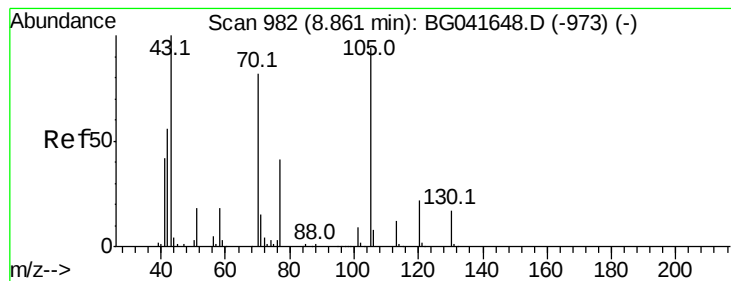


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.838 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 236839

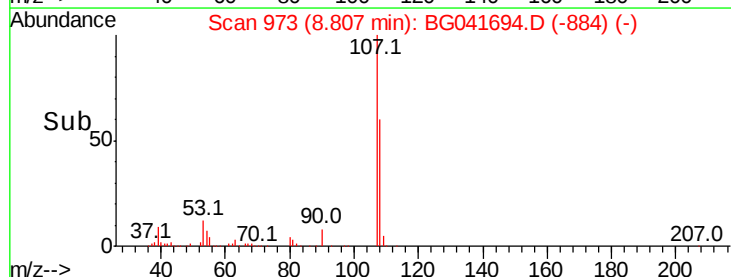
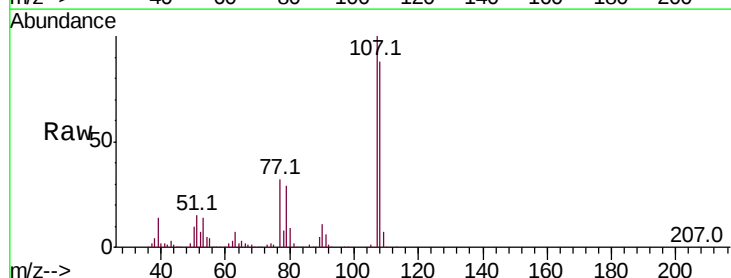
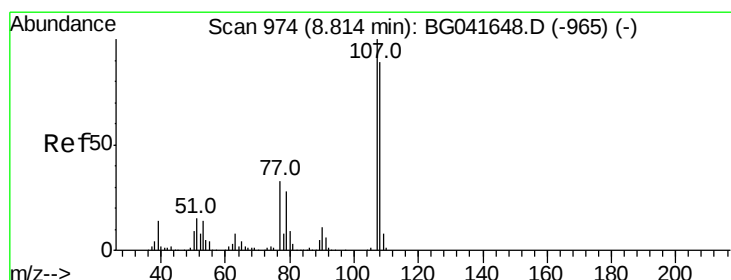
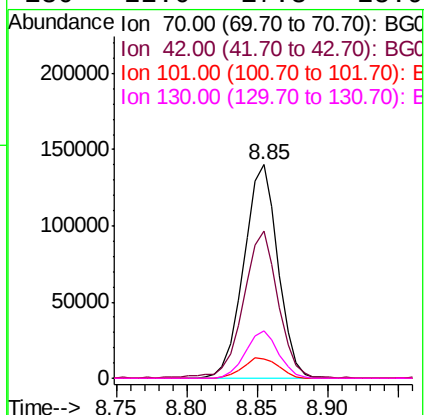
Ion Ratio Lower Upper

70 100

42 69.2 55.8 83.6

101 9.1 8.1 12.1

130 22.0 17.3 25.9



#20

3+4-Methylphenols

Concen: 40.772 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion: 107 Resp: 358089

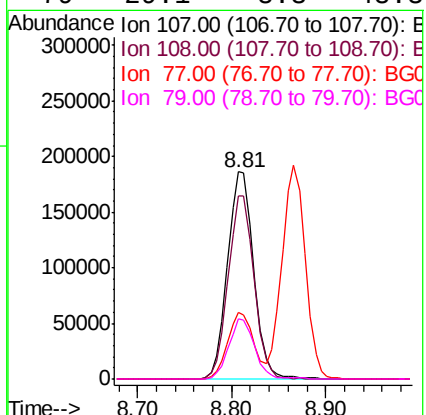
Ion Ratio Lower Upper

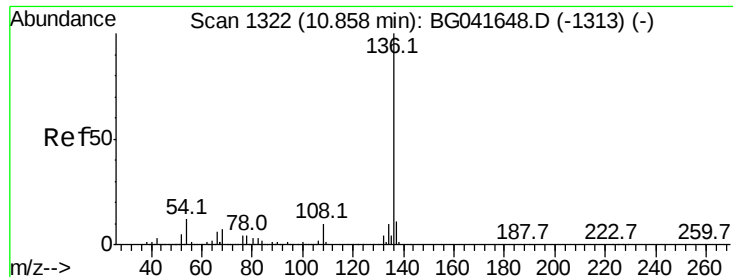
107 100

108 88.0 67.5 107.5

77 32.4 12.3 52.3

79 29.1 8.3 48.3

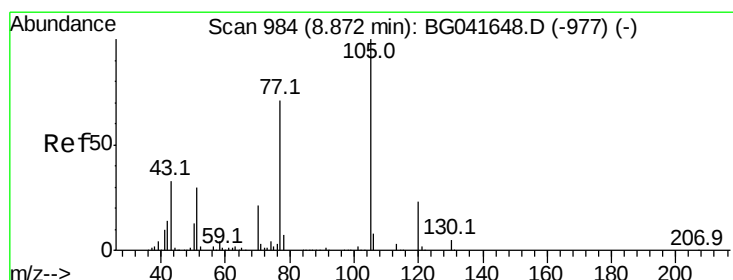
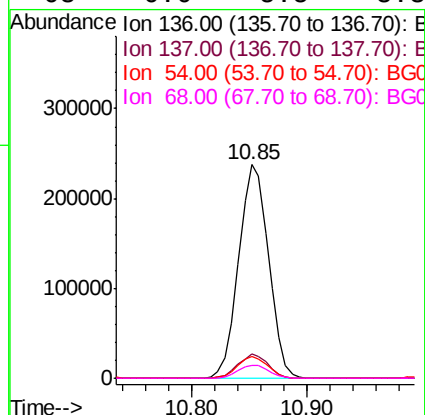
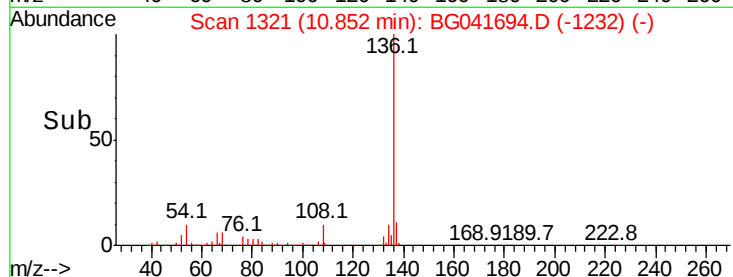
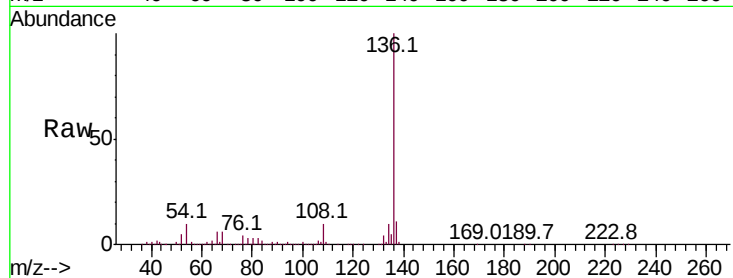




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

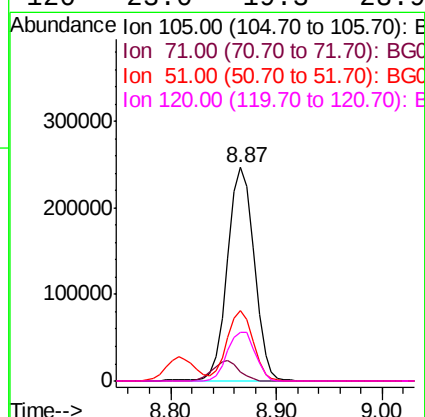
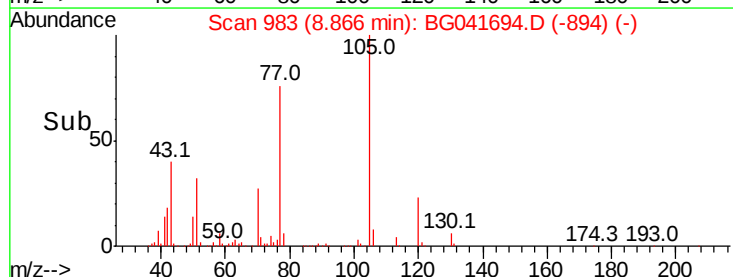
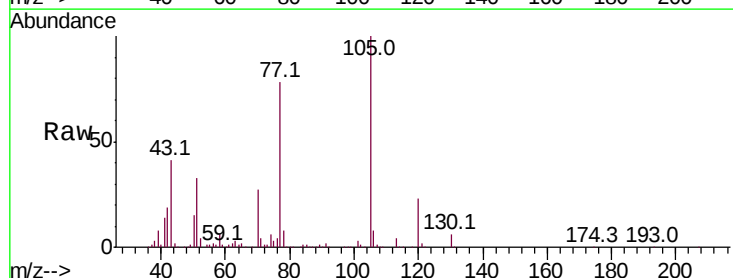
Instrument :  
BNA\_G  
ClientSampleId :

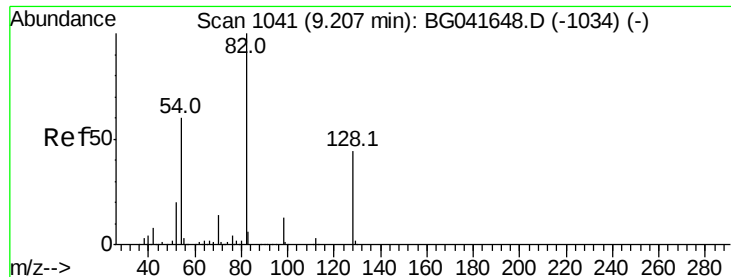
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 426679 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 9.2   | 13.8   |
| 54       | 10.2  | 8.7   | 13.1   |
| 68       | 6.0   | 5.5   | 8.3    |



#22  
Acetophenone  
Concen: 41.634 ng  
RT: 8.87 min Scan# 983  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 432665 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 4.5   | 5.9   | 8.9#   |
| 51       | 33.2  | 27.7  | 41.5   |
| 120      | 23.0  | 19.3  | 28.9   |

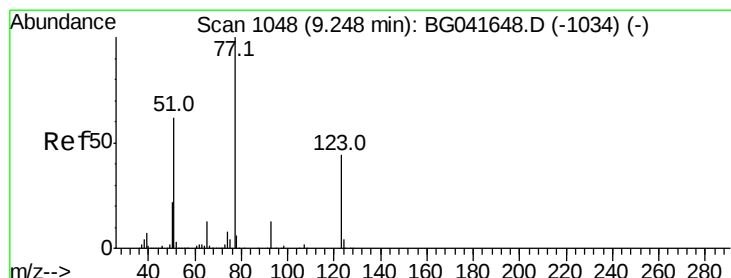
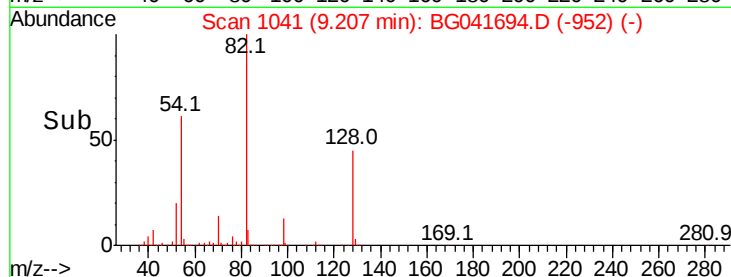
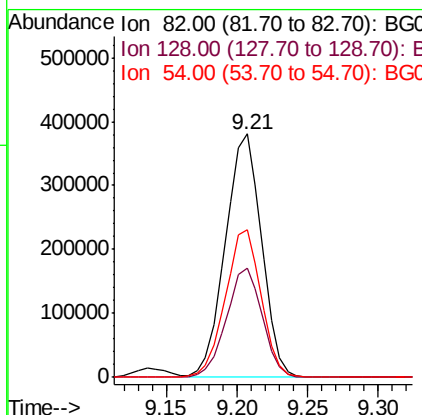
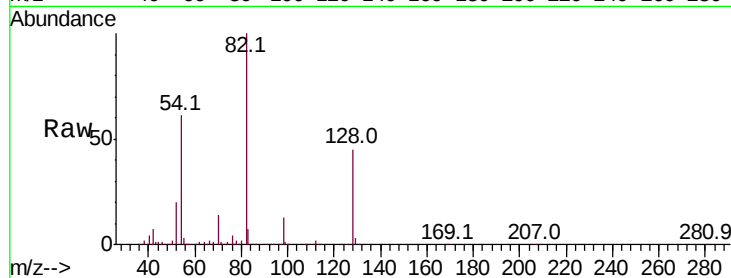




#23  
 Nitrobenzene-d5  
 Concen: 96.738 ng  
 RT: 9.21 min Scan# 1041  
 Delta R.T. -0.00 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

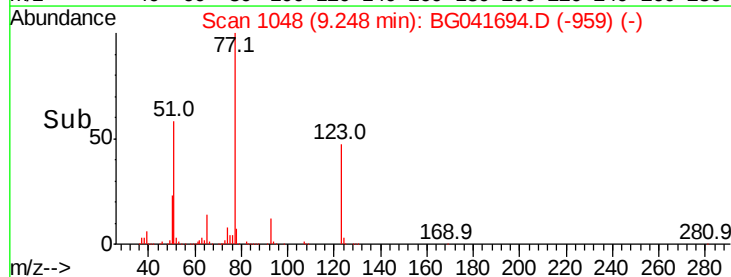
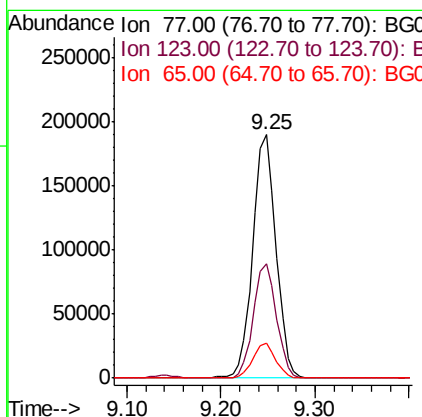
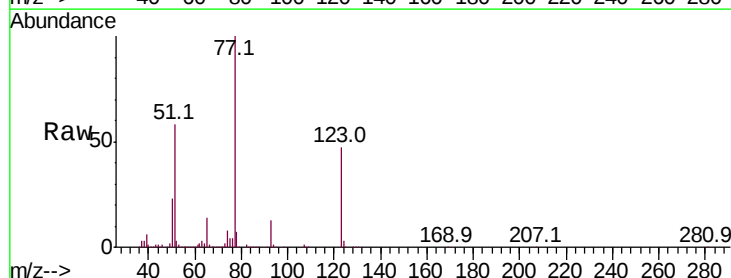
Instrument :  
 BNA\_G  
 ClientSampleId :

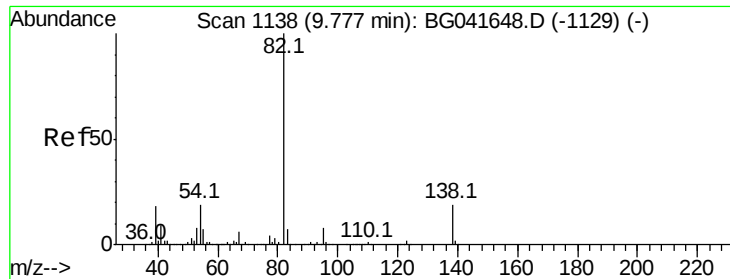
Tot Ion: 82 Resp: 678715  
 Ion Ratio Lower Upper  
 82 100  
 128 45.1 35.1 52.7  
 54 60.6 48.7 73.1



#24  
 Nitrobenzene  
 Concen: 42.547 ng  
 RT: 9.25 min Scan# 1048  
 Delta R.T. -0.00 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

Tgt Ion: 77 Resp: 325638  
 Ion Ratio Lower Upper  
 77 100  
 123 47.2 38.1 57.1  
 65 14.1 11.0 16.6

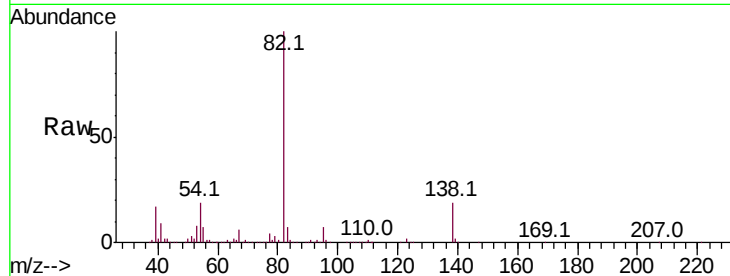




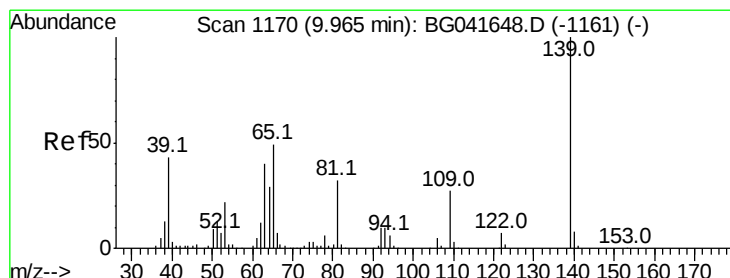
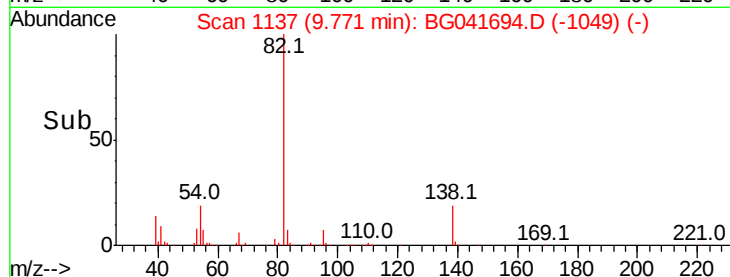
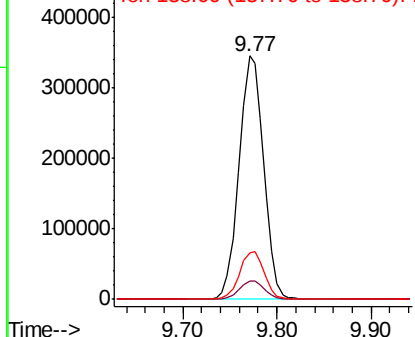
#25  
Isophorone  
Concen: 40.765 ng  
RT: 9.77 min Scan# 1137  
Delta R.T. -0.01 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 82 Resp: 626280  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.9 8.9  
138 19.2 16.3 24.5

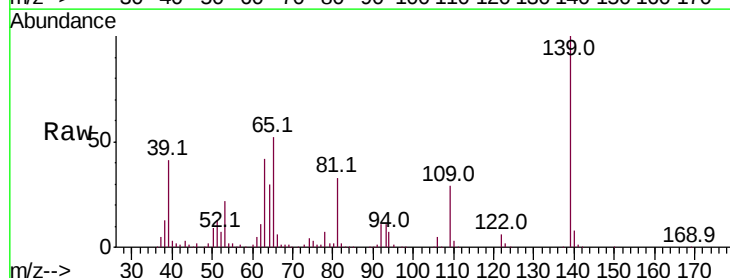


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC

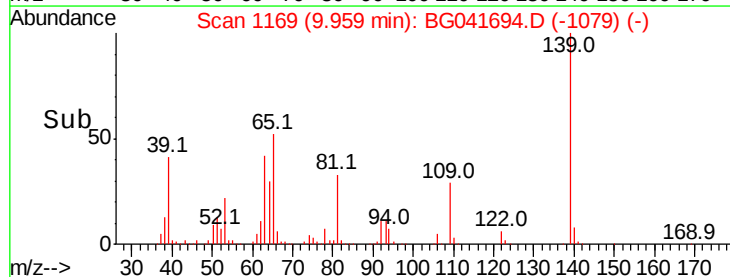
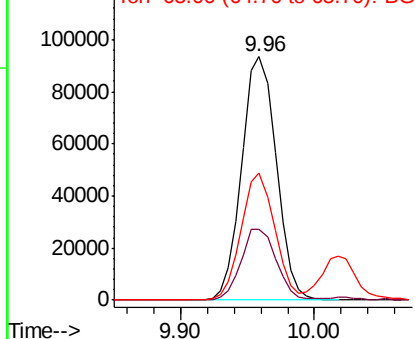


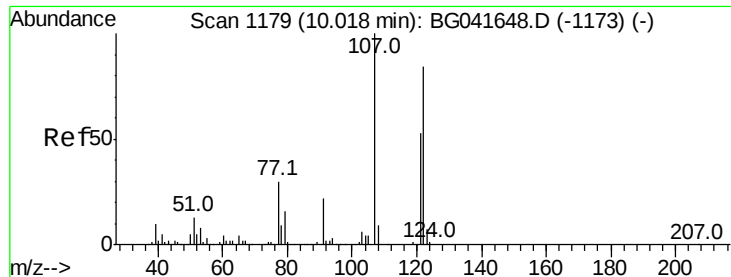
#26  
2-Nitrophenol  
Concen: 47.747 ng  
RT: 9.96 min Scan# 1169  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Tgt Ion: 139 Resp: 167547  
Ion Ratio Lower Upper  
139 100  
109 29.0 22.7 34.1  
65 52.1 41.1 61.7



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

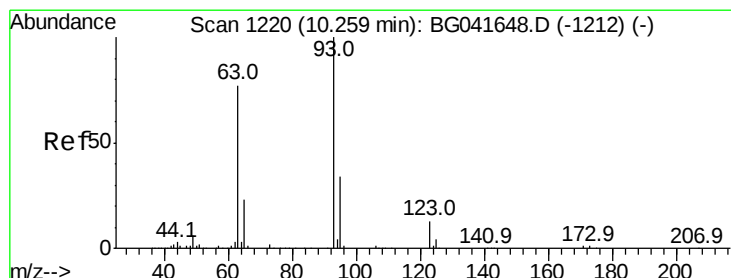
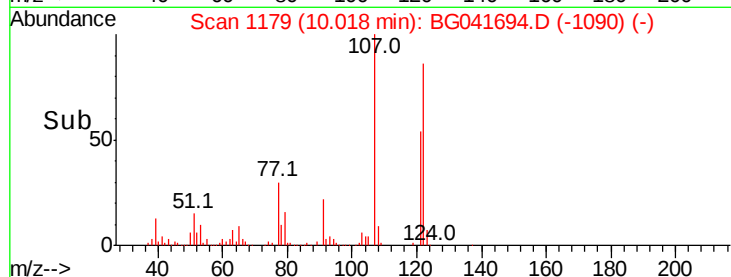
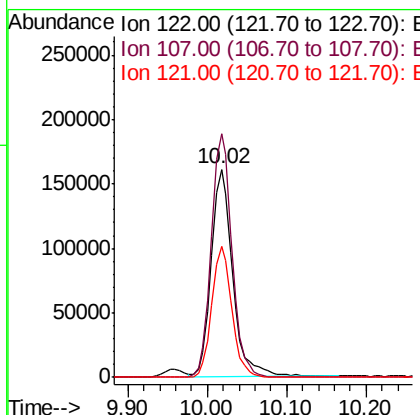
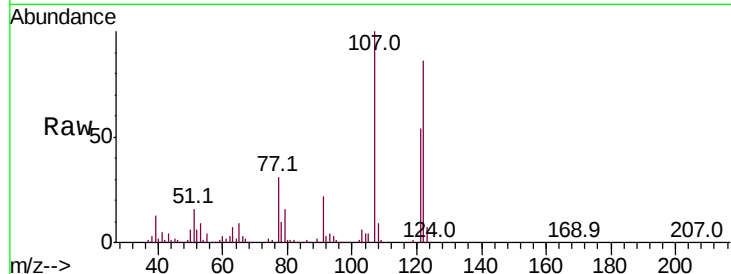




#27  
2,4-Dimethylphenol  
Concen: 49.922 ng  
RT: 10.02 min Scan# 1179  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

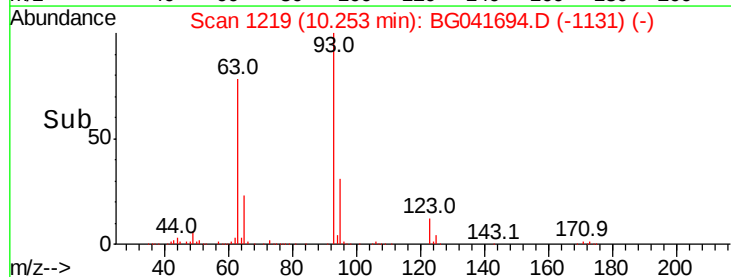
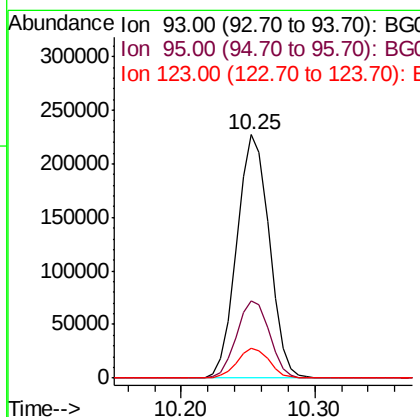
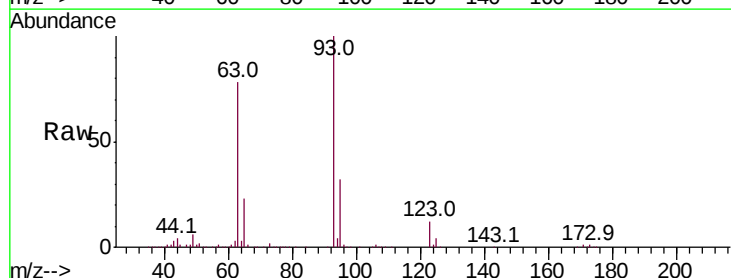
Instrument :  
BNA\_G  
ClientSampled :

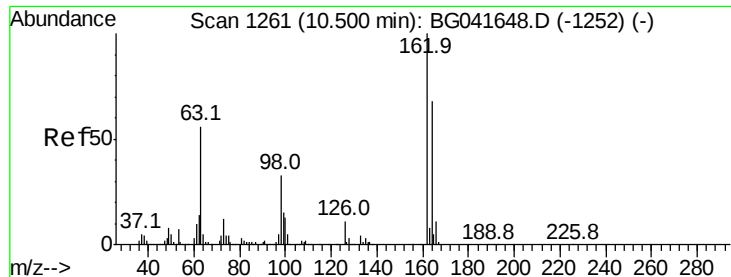
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 116.9 | 91.3  | 136.9 |
| 121     | 62.6  | 49.2  | 73.8  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.316 ng  
RT: 10.25 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.5  | 26.2  | 39.4  |
| 123     | 12.1  | 9.9   | 14.9  |

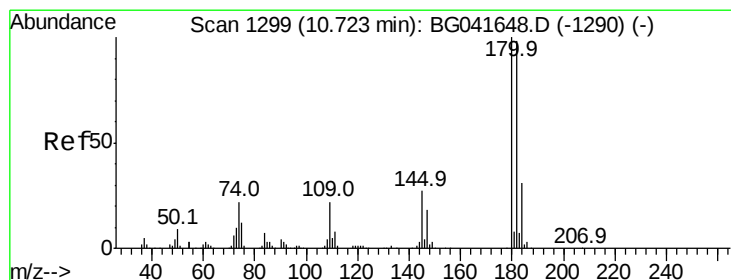
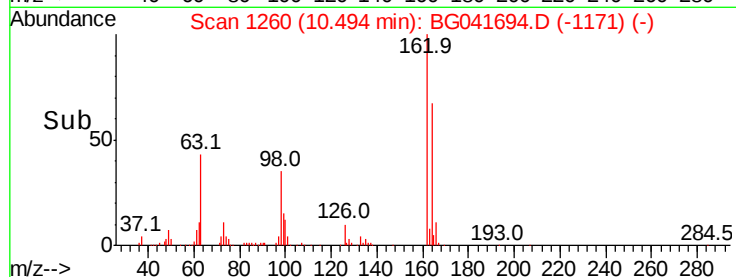
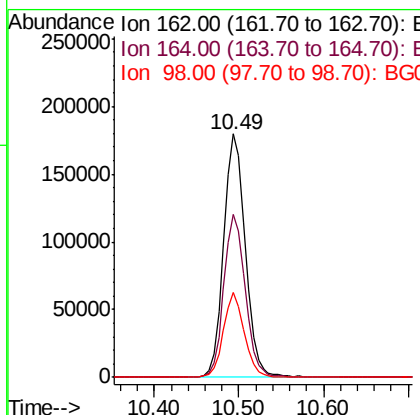
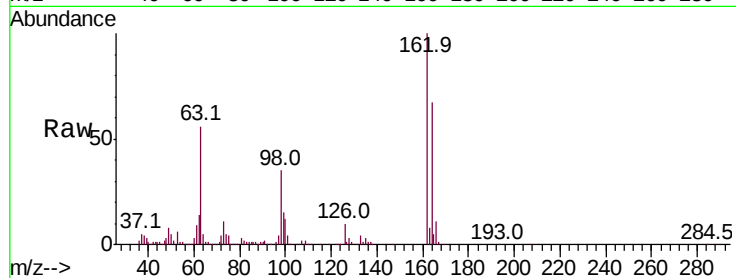




#29  
2,4-Dichlorophenol  
Concen: 45.905 ng  
RT: 10.49 min Scan# 1260  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

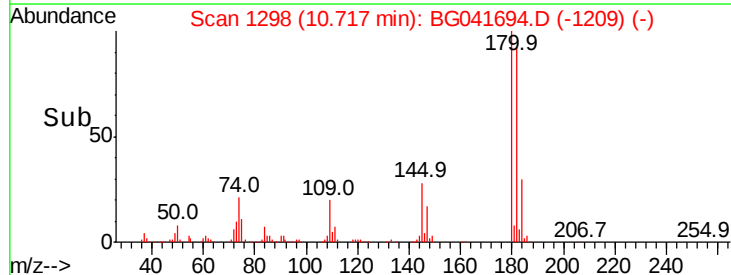
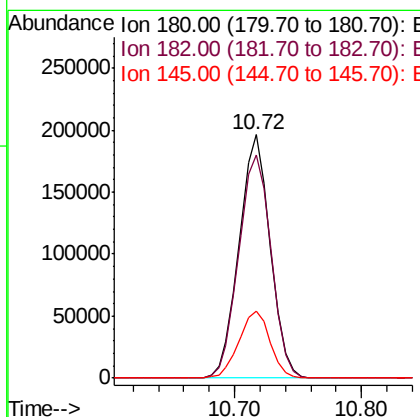
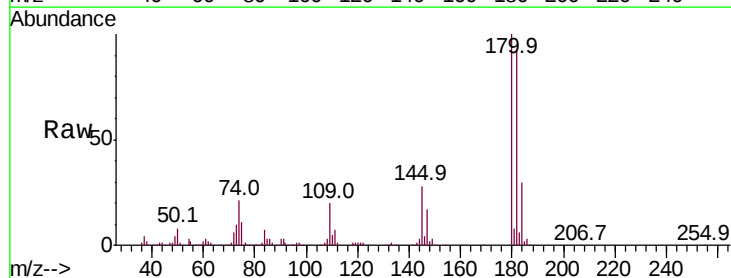
Instrument :  
BNA\_G  
ClientSampled :

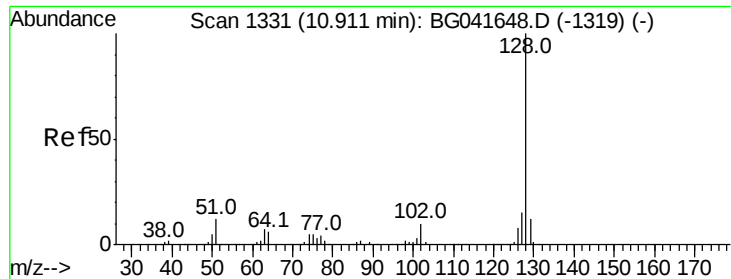
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.2  | 46.1  | 86.1  |
| 98      | 34.9  | 14.7  | 54.7  |



#30  
1,2,4-Trichlorobenzene  
Concen: 41.015 ng  
RT: 10.72 min Scan# 1298  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.9  | 76.2  | 114.2 |
| 145     | 27.6  | 23.8  | 35.8  |





#31

Naphthalene

Concen: 41.321 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

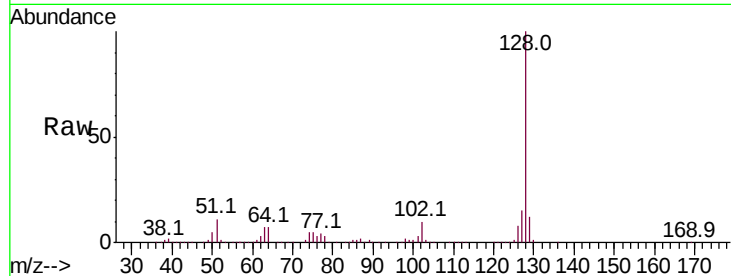
Tot Ion:128 Resp: 868001

Ion Ratio Lower Upper

128 100

129 12.4 10.0 15.0

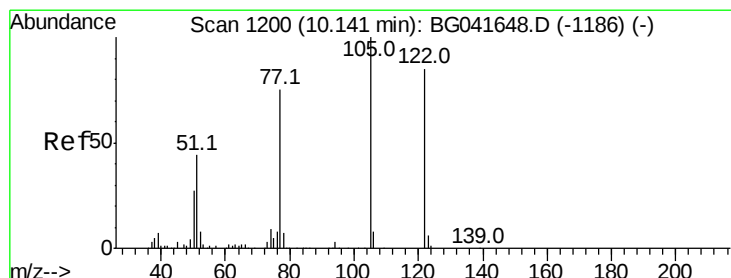
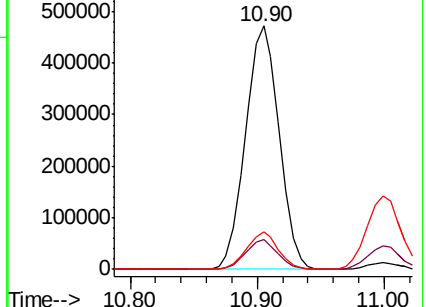
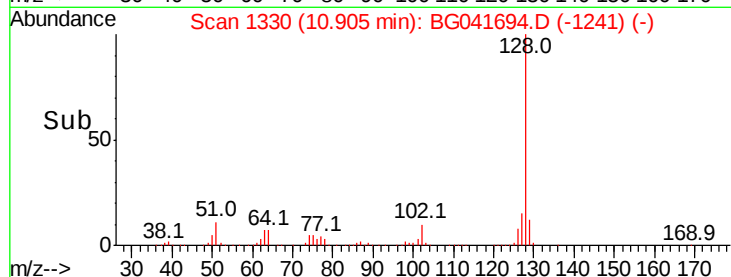
127 15.4 12.3 18.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 63.536 ng

RT: 10.02 min Scan# 1179

Delta R.T. -0.15 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

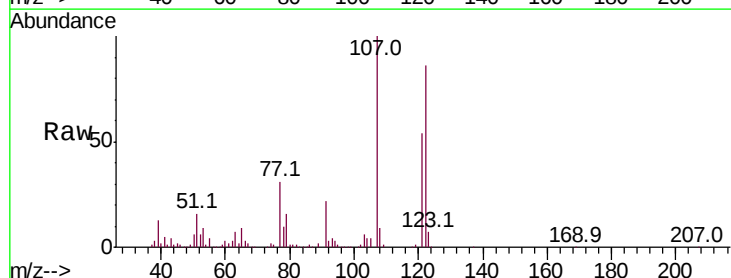
Tgt Ion:122 Resp: 303459

Ion Ratio Lower Upper

122 100

105 4.5 101.5 141.5#

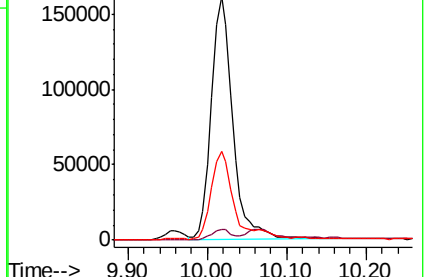
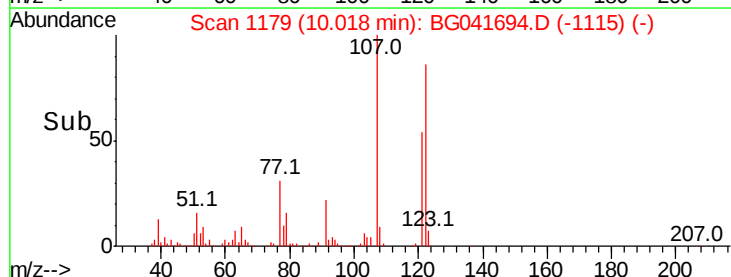
77 36.2 73.0 113.0#

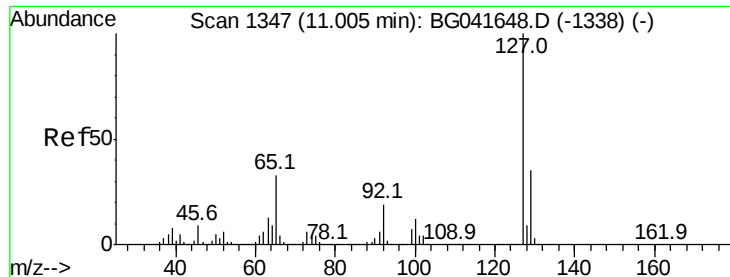


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

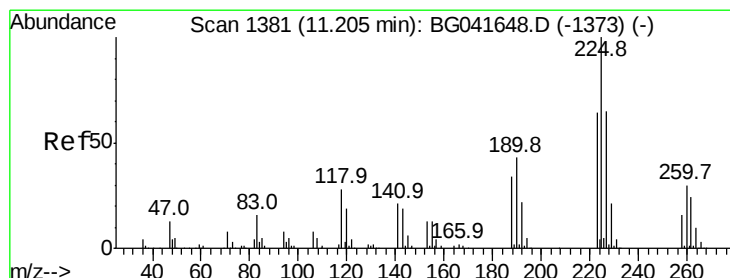
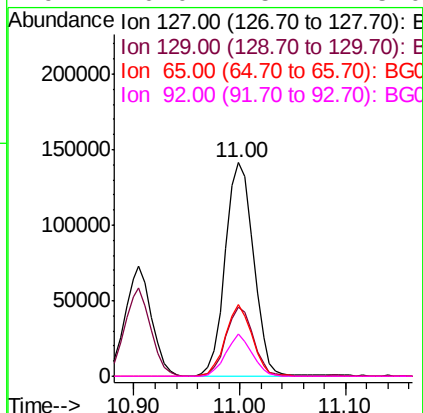
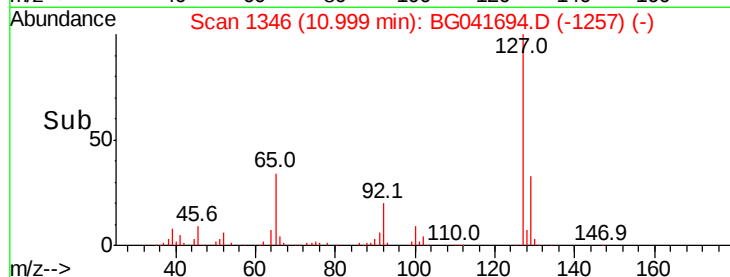
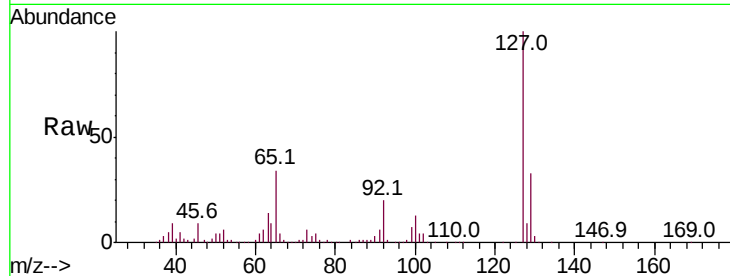




#33  
4-Chloroaniline  
Concen: 26.975 ng  
RT: 11.00 min Scan# 1346  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

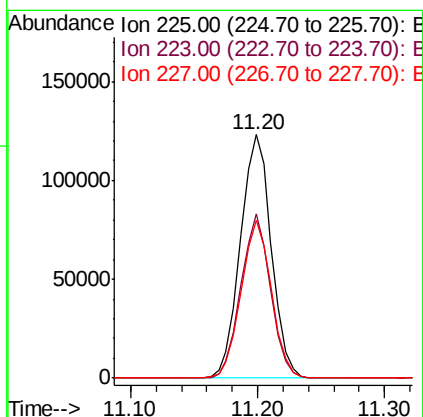
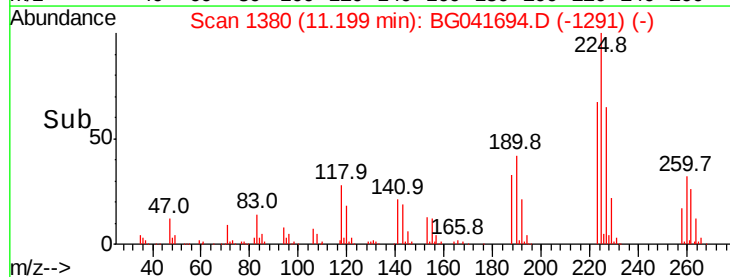
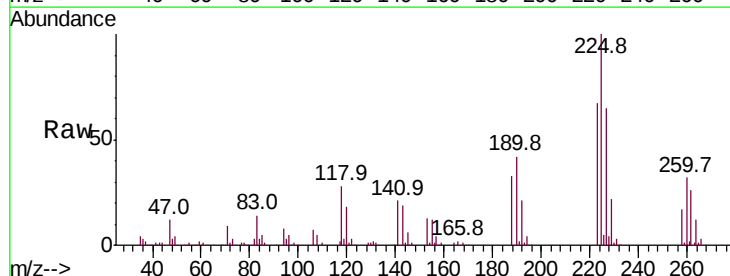
Instrument :  
BNA\_G  
ClientSampleId :

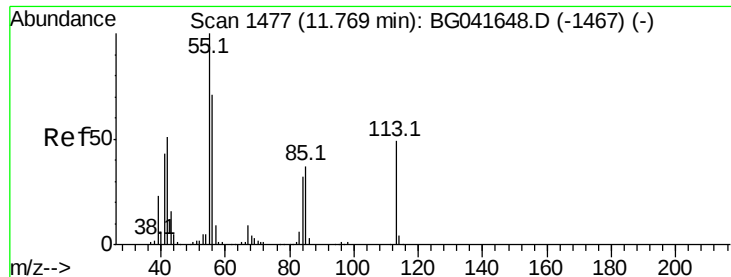
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 261375 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 25.8  | 38.8   |
| 65       | 33.6  | 26.7  | 40.1   |
| 92       | 20.0  | 15.4  | 23.0   |



#34  
Hexachlorobutadiene  
Concen: 39.570 ng  
RT: 11.20 min Scan# 1380  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 206955 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 67.3  | 51.1  | 76.7   |
| 227      | 64.7  | 50.9  | 76.3   |





#35

Caprolactam

Concen: 49.054 ng

RT: 11.77 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampled :

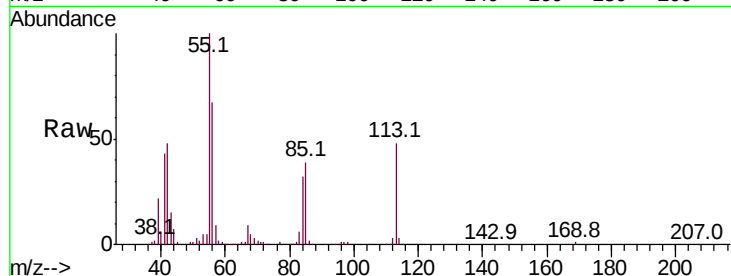
Tot Ion:113 Resp: 124957

Ion Ratio Lower Upper

113 100

55 210.5 199.4 239.4

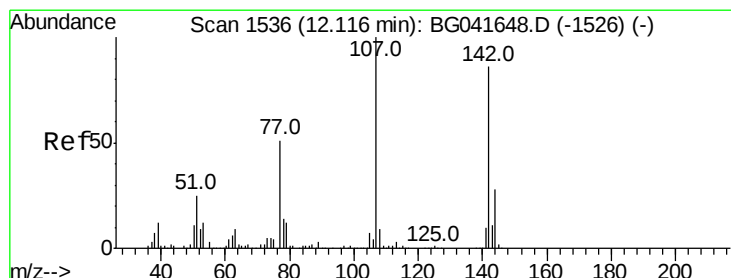
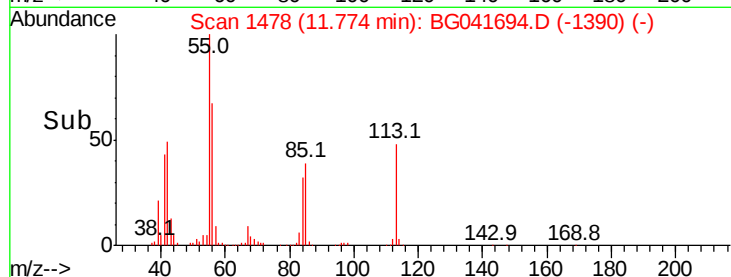
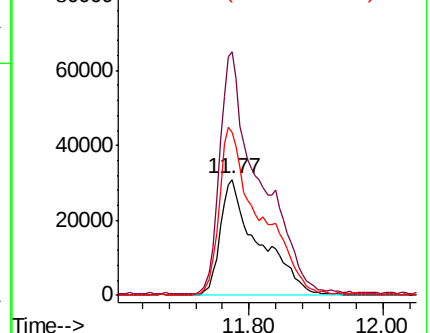
56 141.0 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041648.D (-1467) (-)

Ion 56.00 (55.70 to 56.70): BG041648.D (-1467) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.607 ng

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

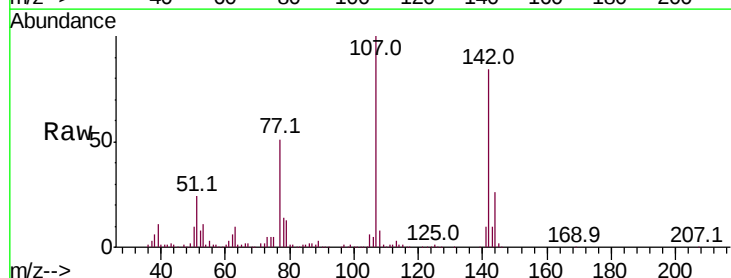
Tgt Ion:107 Resp: 331124

Ion Ratio Lower Upper

107 100

144 26.4 22.2 33.2

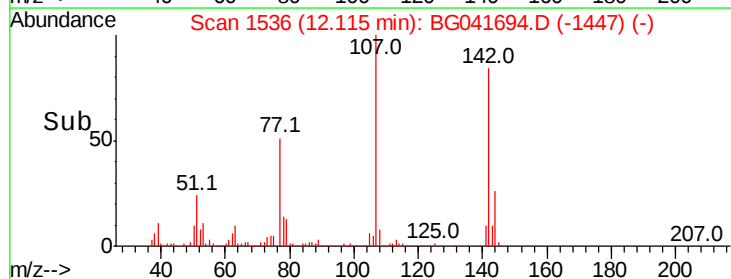
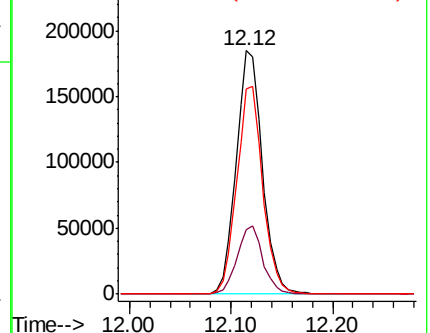
142 84.1 67.3 100.9

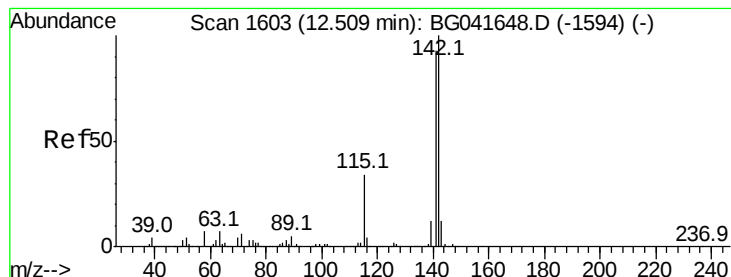


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

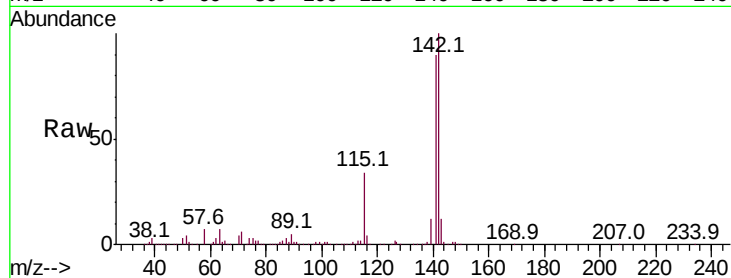




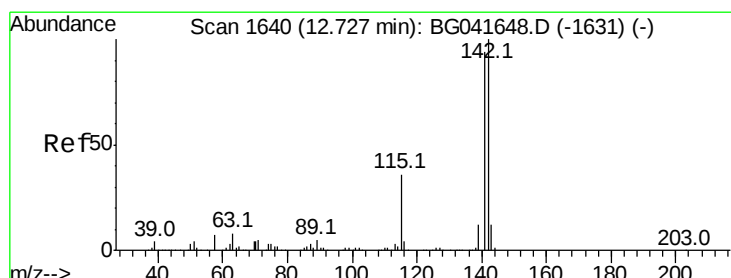
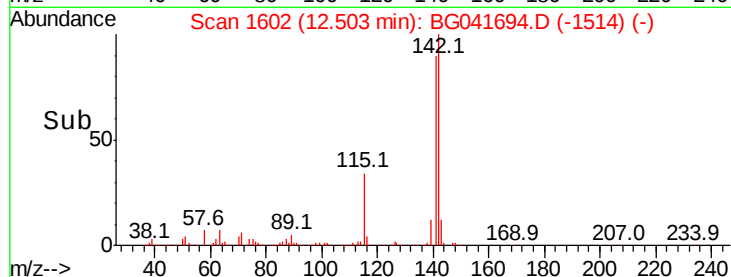
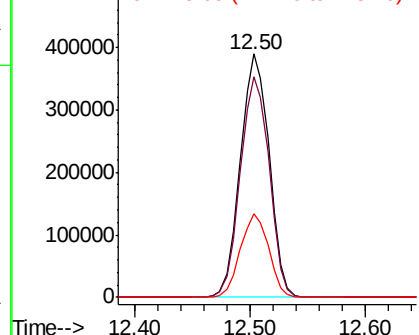
#37  
2-Methylnaphthalene  
Concen: 41.782 ng  
RT: 12.50 min Scan# 1602  
Delta R.T. -0.01 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:142 Resp: 670546  
Ion Ratio Lower Upper  
142 100  
141 90.5 72.7 109.1  
115 34.3 27.0 40.4

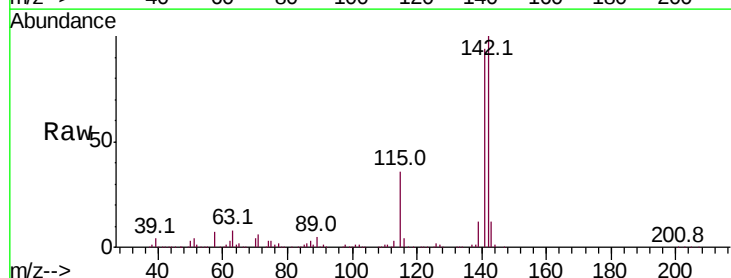


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

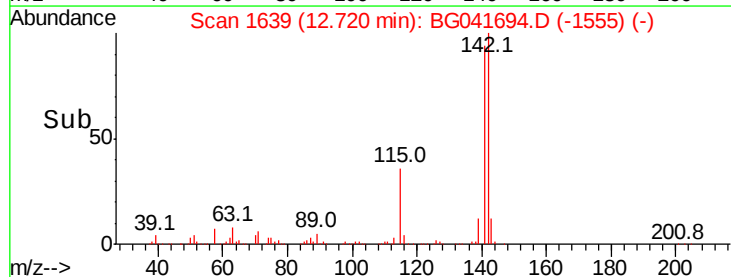
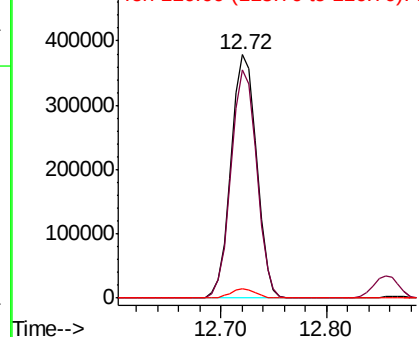


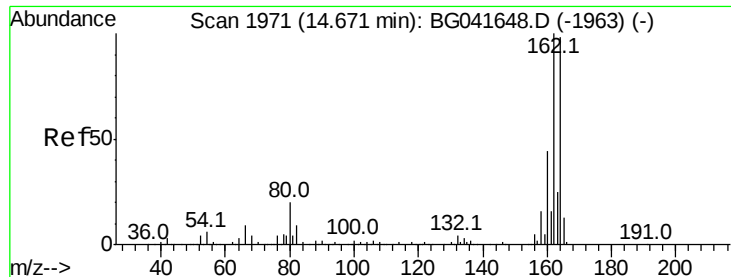
#38  
1-Methylnaphthalene  
Concen: 41.397 ng  
RT: 12.72 min Scan# 1639  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Tgt Ion:142 Resp: 633389  
Ion Ratio Lower Upper  
142 100  
141 94.0 75.4 113.2  
116 4.0 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

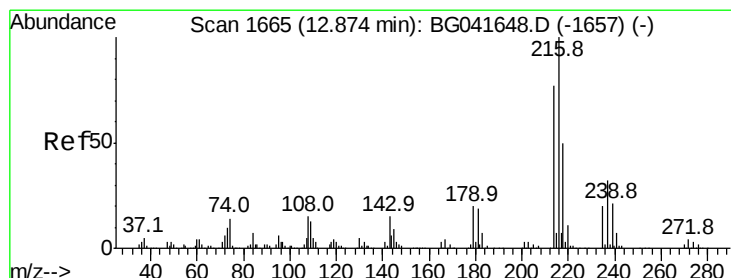
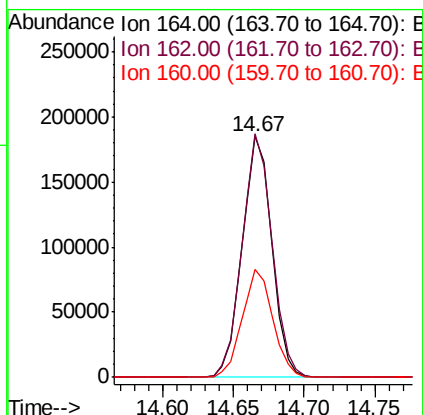
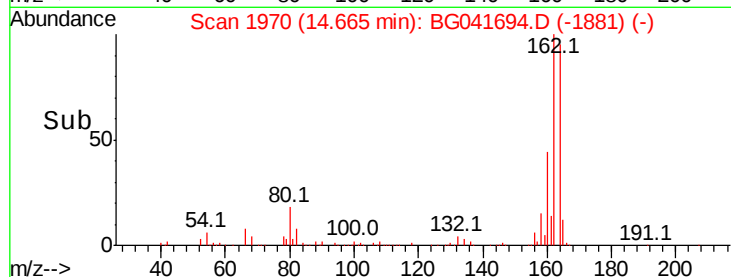
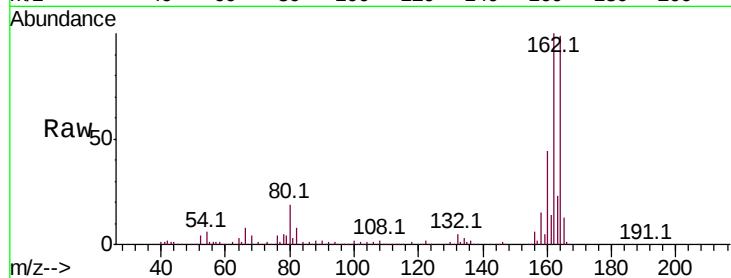
Tot Ion:164 Resp: 272987

Ion Ratio Lower Upper

164 100

162 101.1 79.6 119.4

160 44.9 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.608 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:216 Resp: 389072

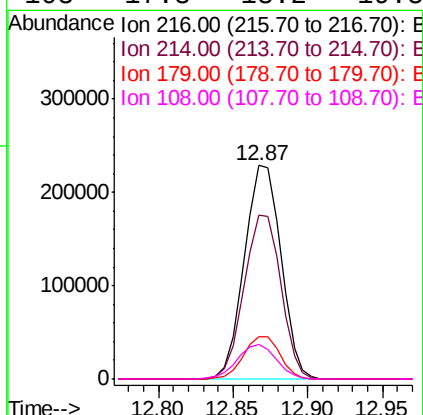
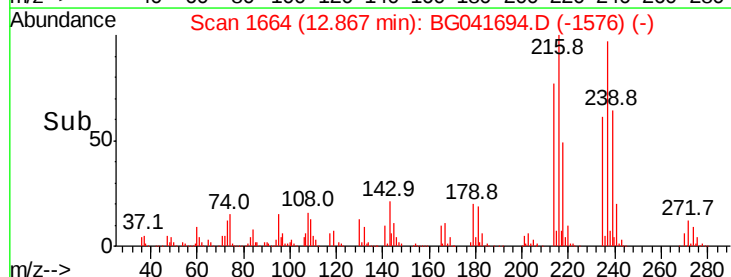
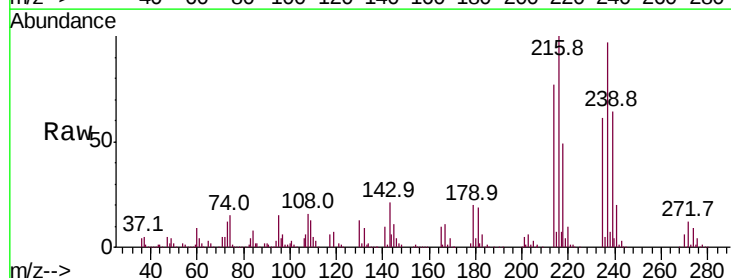
Ion Ratio Lower Upper

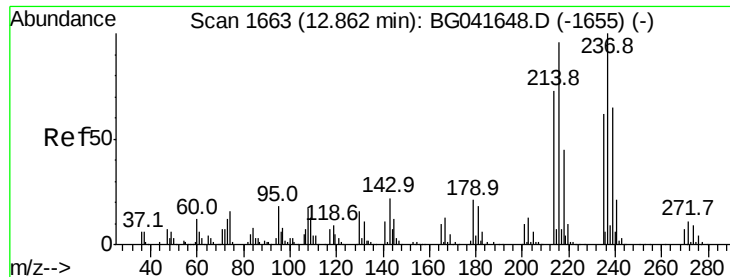
216 100

214 77.0 61.5 92.3

179 19.7 16.2 24.2

108 17.3 13.2 19.8

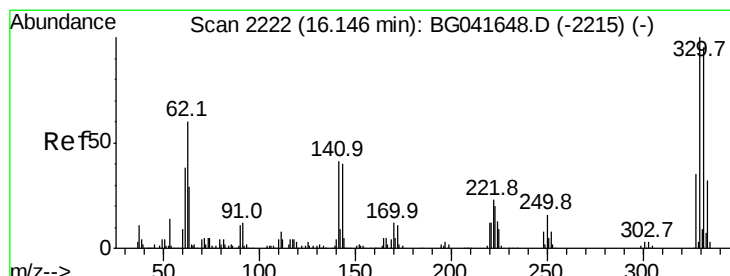
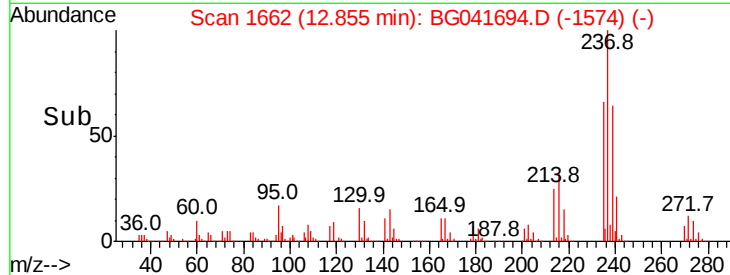
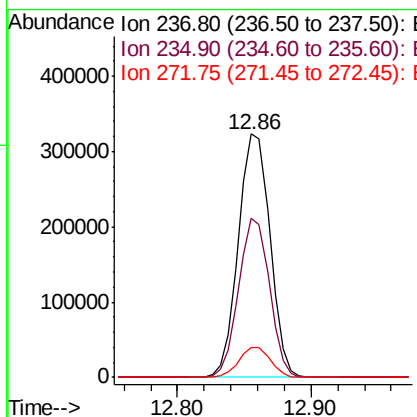
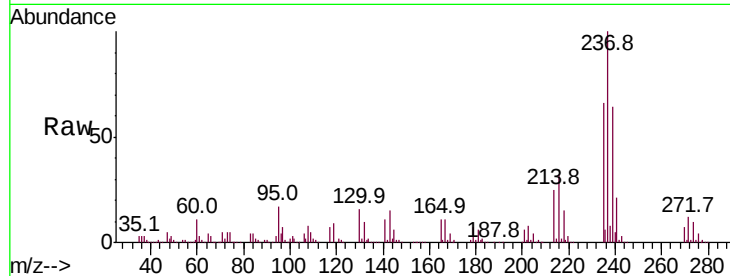




#41  
 Hexachlorocyclopentadiene  
 Concen: 100.150 ng  
 RT: 12.86 min Scan# 1662  
 Delta R.T. -0.01 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

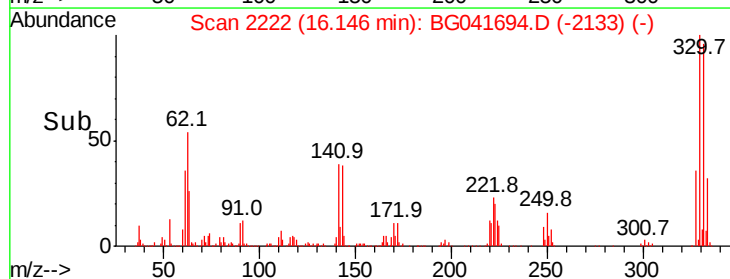
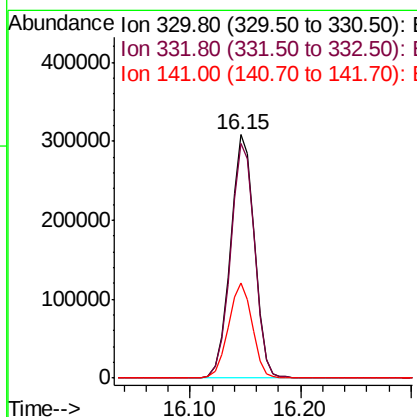
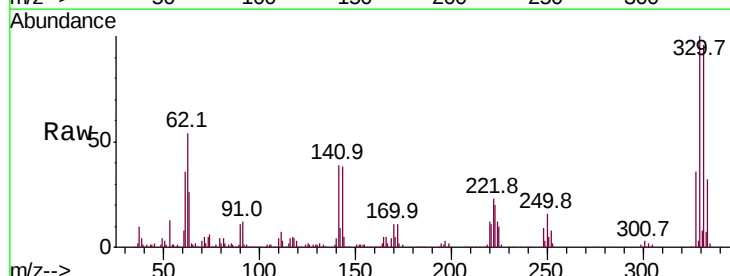
Instrument :  
 BNA\_G  
 ClientSampleId :

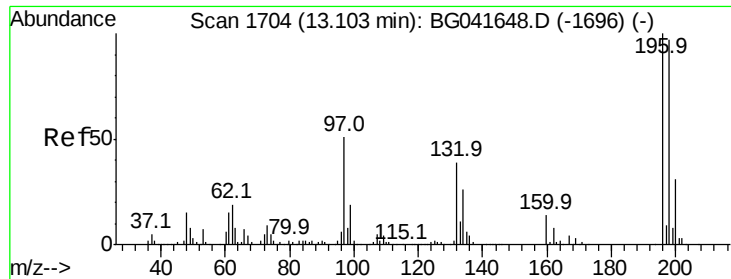
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 237   | Resp: | 529748 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 65.6  | 43.5  | 83.5   |
| 272      | 12.5  | 0.0   | 31.2   |



#42  
 2,4,6-Tribromophenol  
 Concen: 152.733 ng  
 RT: 16.15 min Scan# 2222  
 Delta R.T. -0.00 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 469885 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.6  | 77.4  | 116.0  |
| 141      | 39.0  | 31.9  | 47.9   |

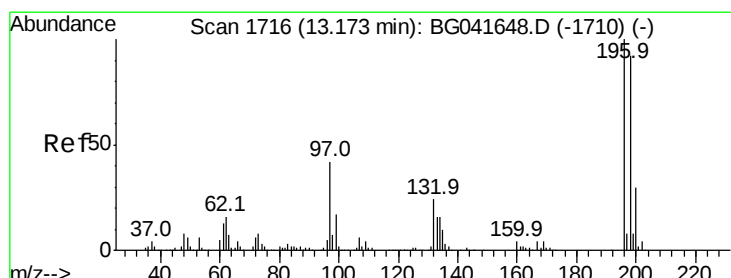
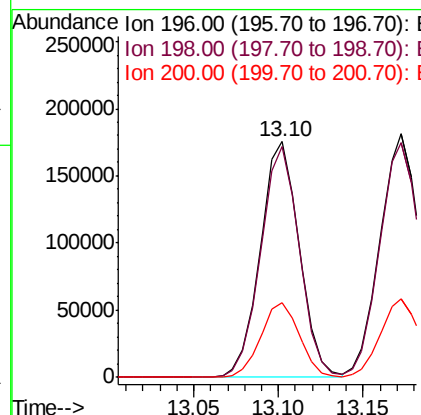
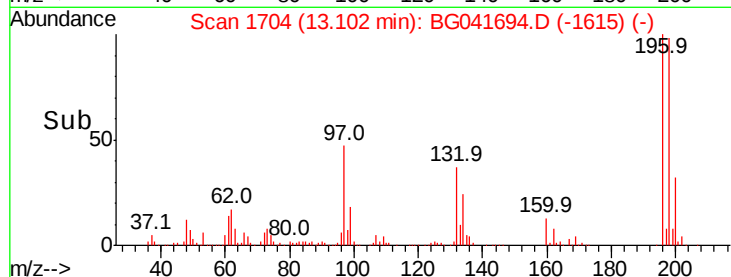
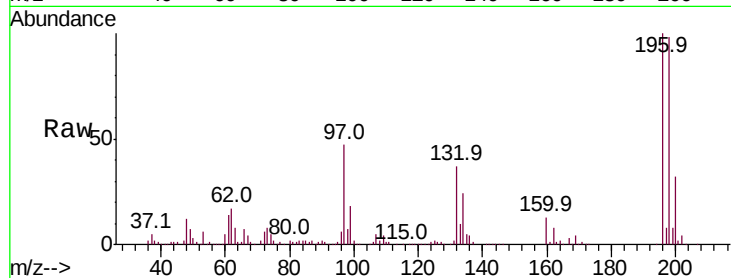




#43  
 2,4,6-Trichlorophenol  
 Concen: 46.392 ng  
 RT: 13.10 min Scan# 1704  
 Delta R.T. -0.00 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

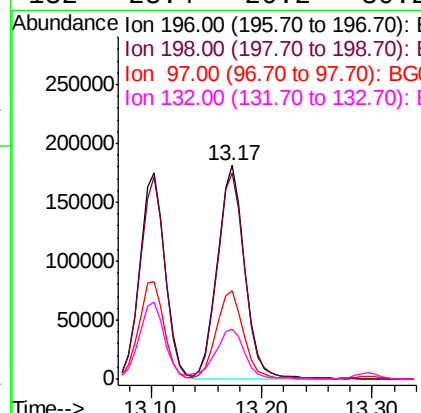
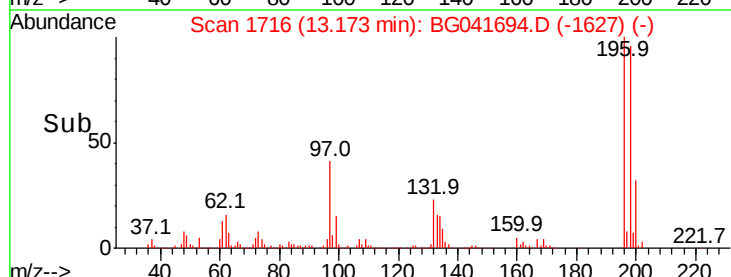
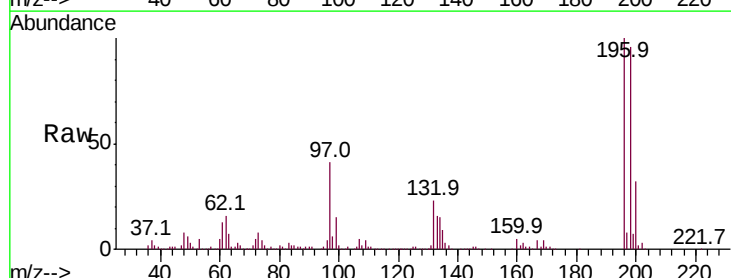
Instrument :  
 BNA\_G  
 ClientSampled :

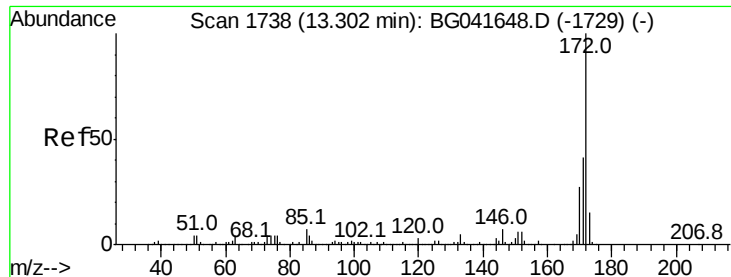
| Tot Ion   | 196 | 198   | 200  | Resp  | 281868 |
|-----------|-----|-------|------|-------|--------|
| Ion Ratio | 100 | 97.9  | 31.8 | Lower | Upper  |
|           |     | 79.6  | 25.2 |       |        |
|           |     | 119.4 | 37.8 |       |        |



#44  
 2,4,5-Trichlorophenol  
 Concen: 48.180 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.00 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

| Tgt Ion   | 196 | 198   | 97   | 132  | Resp  | 308422 |
|-----------|-----|-------|------|------|-------|--------|
| Ion Ratio | 100 | 96.3  | 41.2 | 23.4 | Lower | Upper  |
|           |     | 80.6  | 33.9 | 20.2 |       |        |
|           |     | 121.0 | 50.9 | 30.2 |       |        |

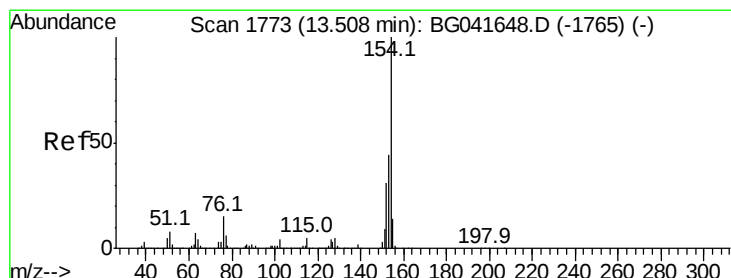
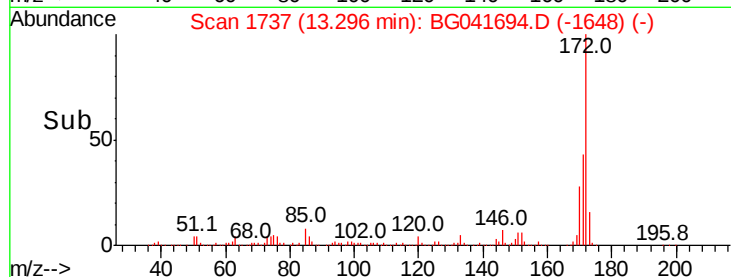
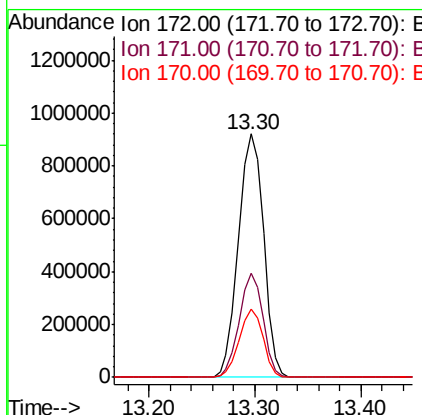
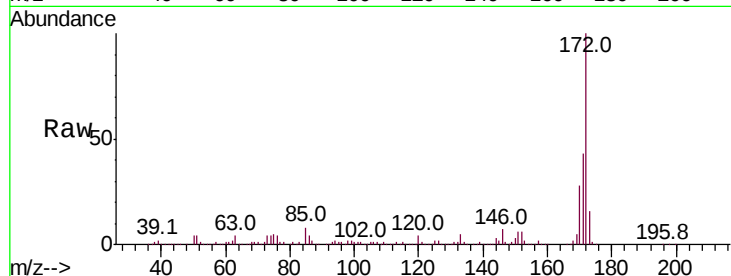




#45  
2-Fluorobiphenyl  
Concen: 86.261 ng  
RT: 13.30 min Scan# 1737  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

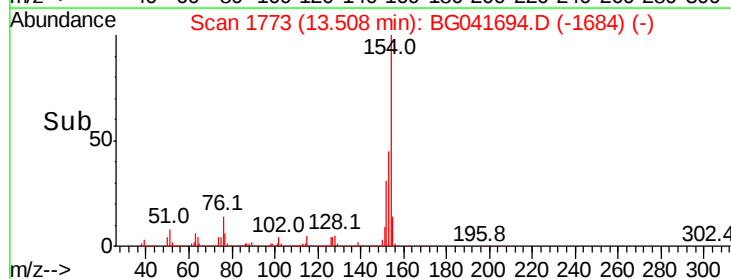
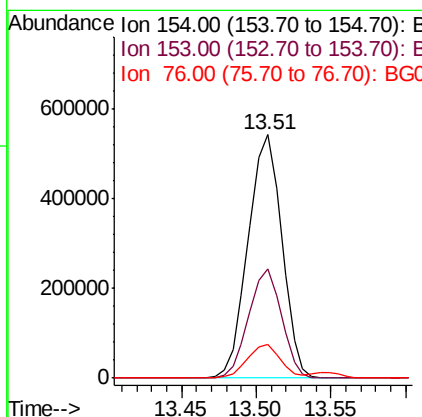
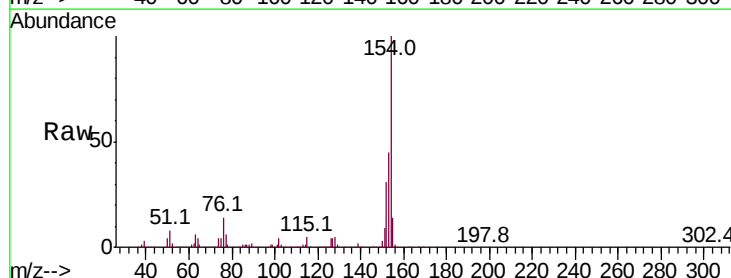
Instrument :  
BNA\_G  
ClientSampleId :

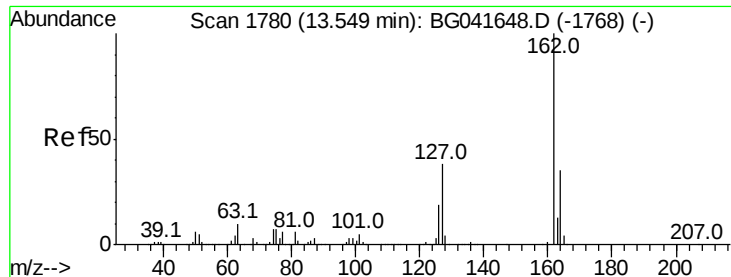
Tot Ion:172 Resp: 1520707  
Ion Ratio Lower Upper  
172 100  
171 42.5 35.0 52.4  
170 27.8 23.5 35.3



#46  
1,1'-Biphenyl  
Concen: 41.462 ng  
RT: 13.51 min Scan# 1773  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Tgt Ion:154 Resp: 847974  
Ion Ratio Lower Upper  
154 100  
153 44.6 25.0 65.0  
76 13.6 0.0 34.5





#47

2-Chloronaphthalene

Concen: 40.020 ng

RT: 13.55 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

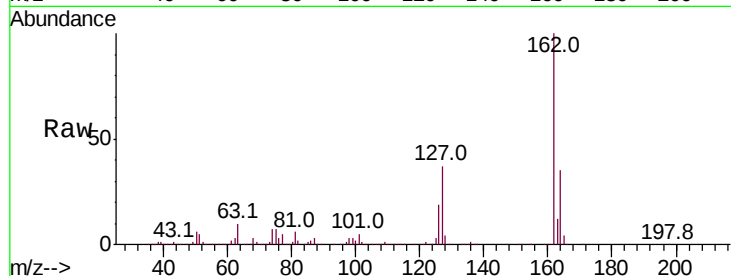
Tot Ion:162 Resp: 682133

Ion Ratio Lower Upper

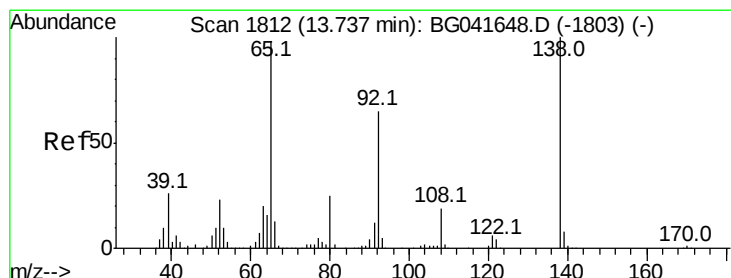
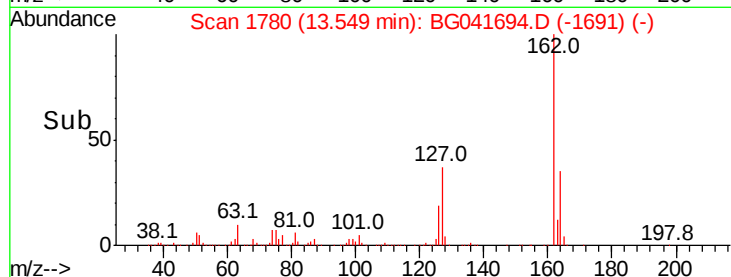
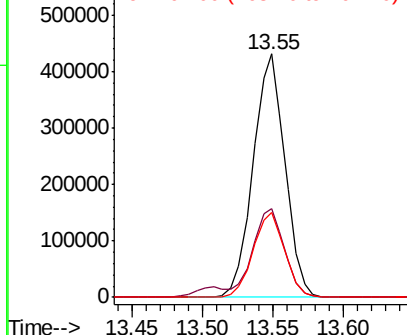
162 100

127 36.6 30.4 45.6

164 34.7 28.6 42.8



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.346 ng

RT: 13.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

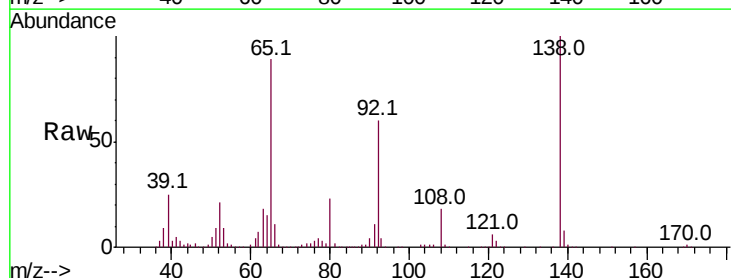
Tgt Ion: 65 Resp: 225039

Ion Ratio Lower Upper

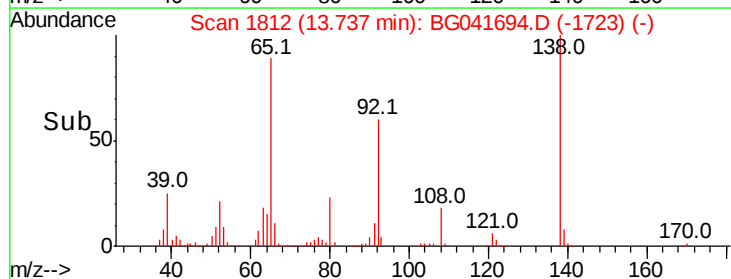
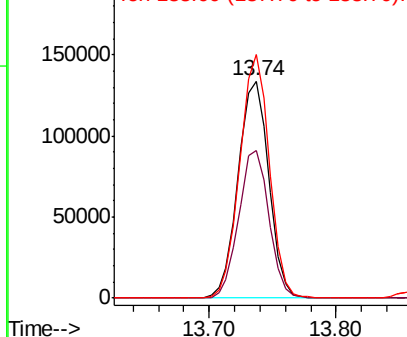
65 100

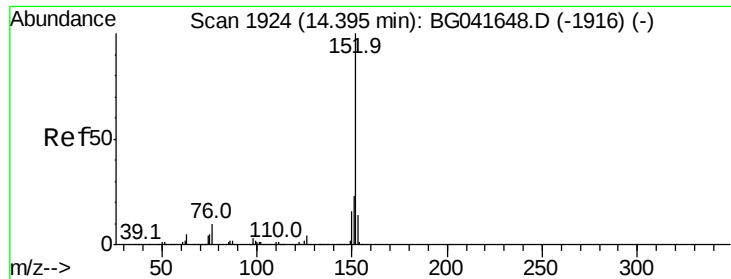
92 67.8 53.9 80.9

138 112.0 83.5 125.3



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.830 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

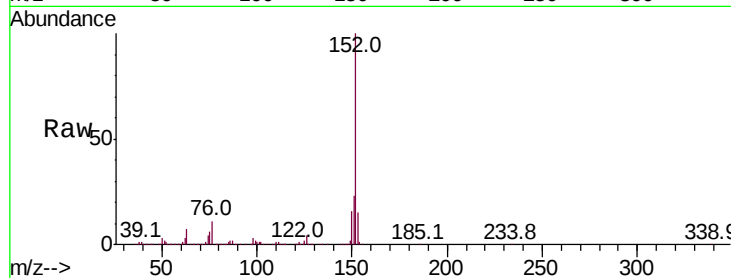
Tot Ion:152 Resp: 1086432

Ion Ratio Lower Upper

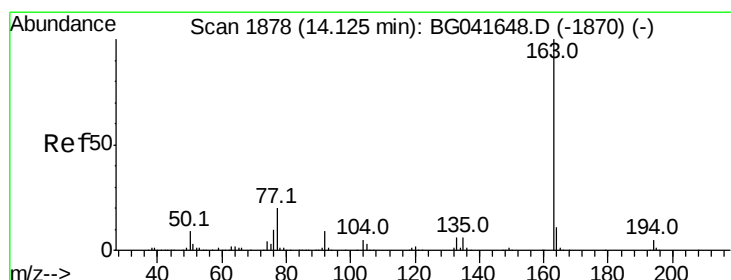
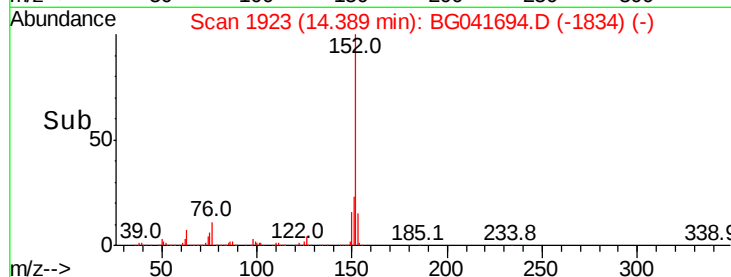
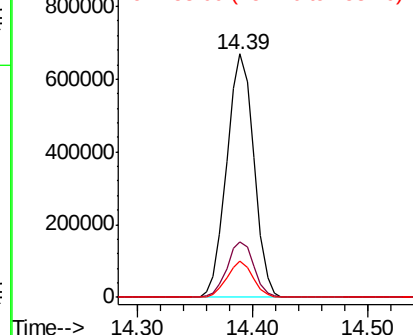
152 100

151 23.0 18.7 28.1

153 14.7 12.4 18.6



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: 71.761 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

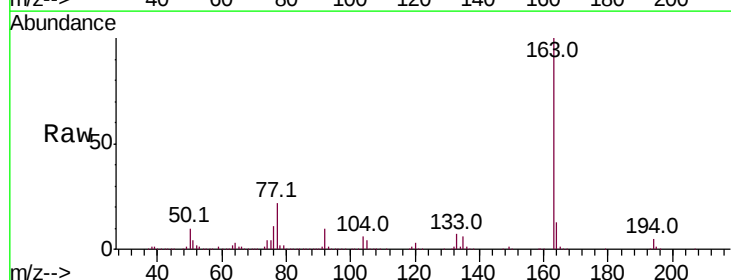
Tgt Ion:163 Resp: 1538561

Ion Ratio Lower Upper

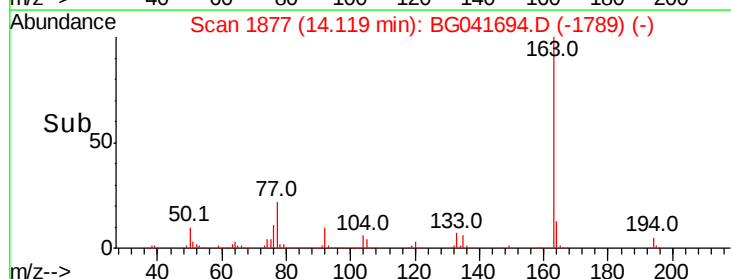
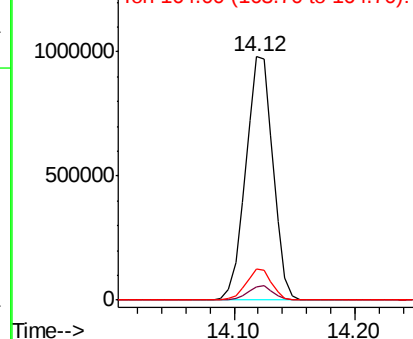
163 100

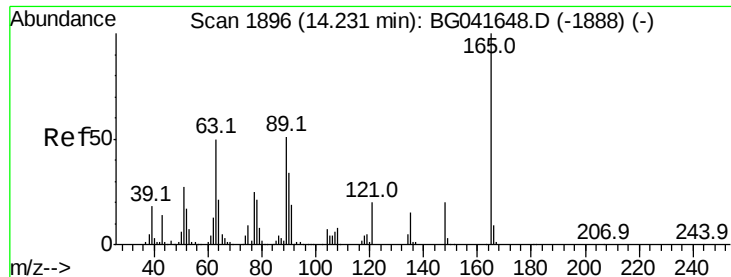
194 5.5 4.2 6.2

164 12.6 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

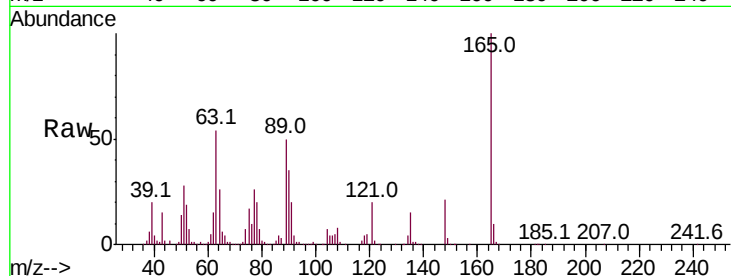




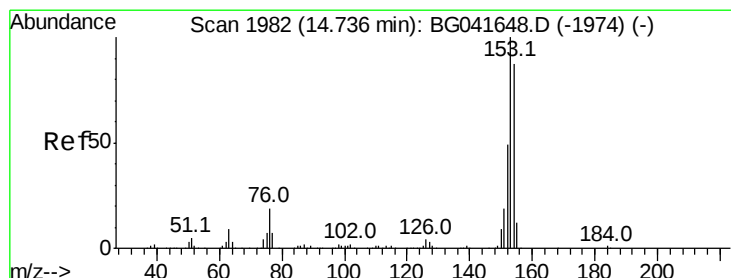
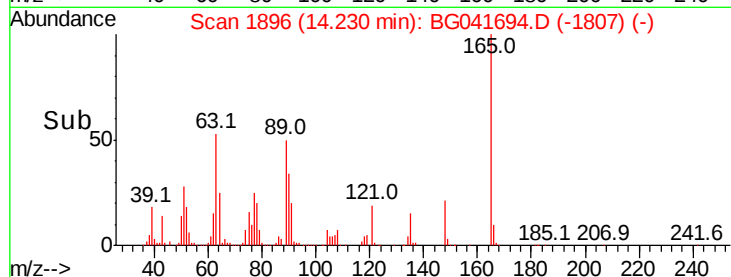
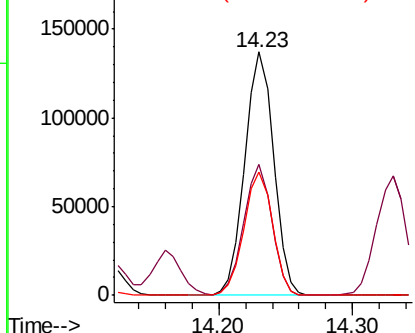
#51  
2,6-Dinitrotoluene  
Concen: 45.047 ng  
RT: 14.23 min Scan# 1896  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:165 Resp: 204858  
Ion Ratio Lower Upper  
165 100  
63 53.7 42.4 63.6  
89 50.4 42.1 63.1

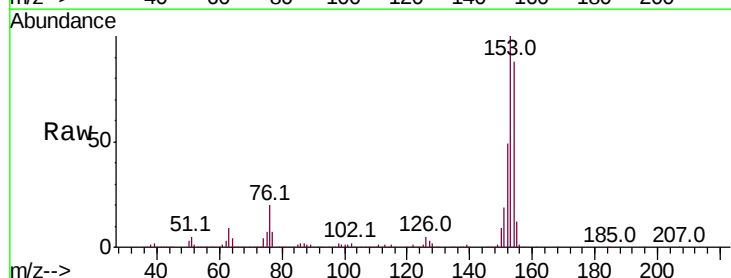


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC

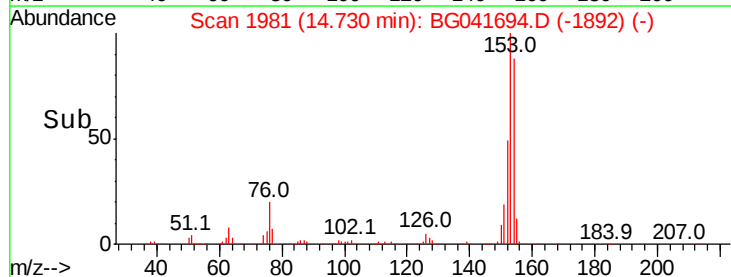
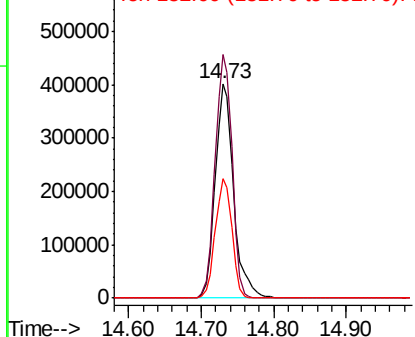


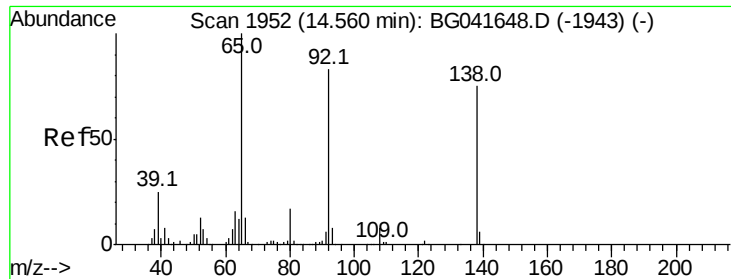
#52  
Acenaphthene  
Concen: 42.065 ng  
RT: 14.73 min Scan# 1981  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Tgt Ion:154 Resp: 705367  
Ion Ratio Lower Upper  
154 100  
153 113.4 89.8 134.6  
152 55.7 44.9 67.3



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

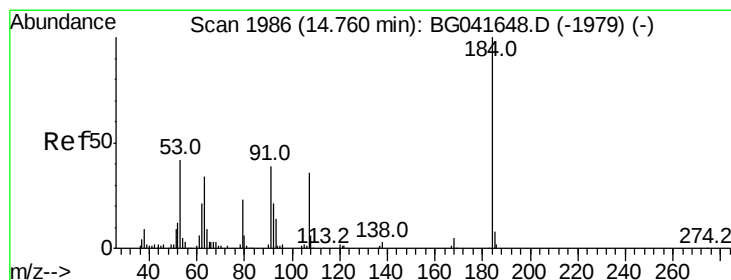
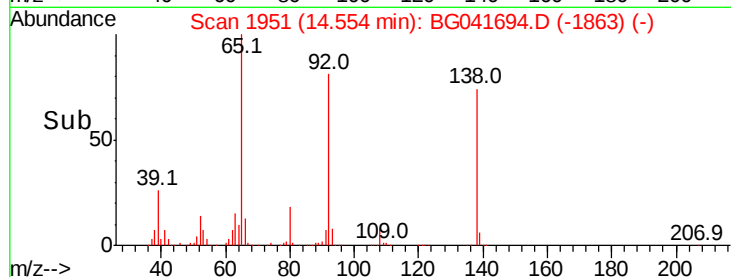
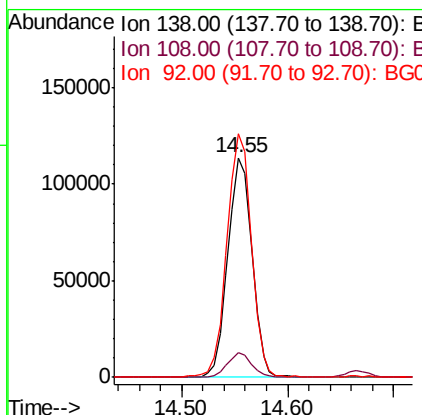
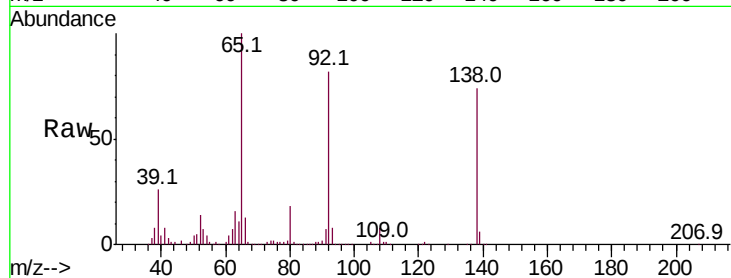




#53  
3-Nitroaniline  
Concen: 36.278 ng  
RT: 14.55 min Scan# 1951  
Delta R.T. -0.01 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

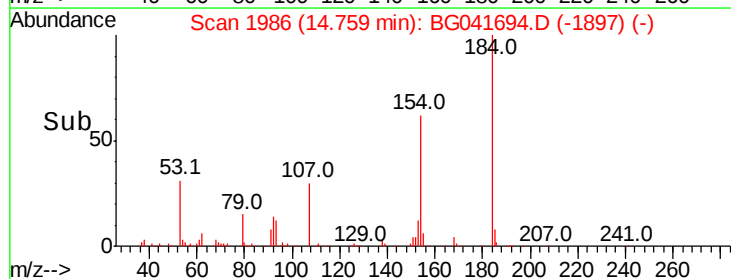
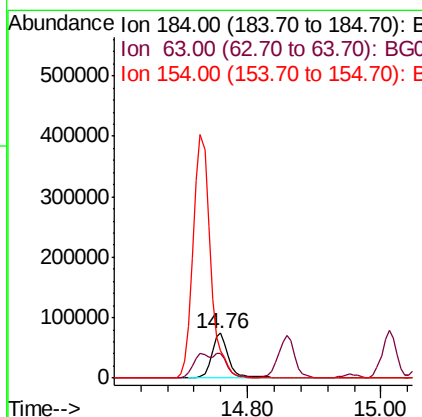
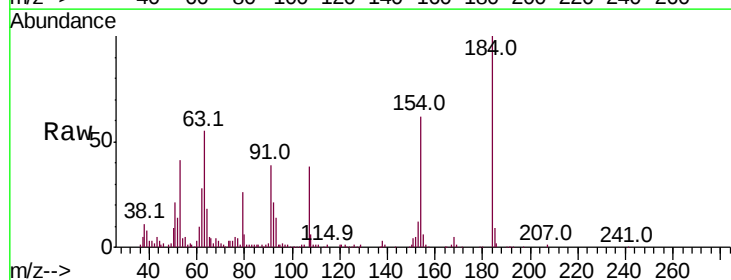
Instrument :  
BNA\_G  
ClientSampleId :

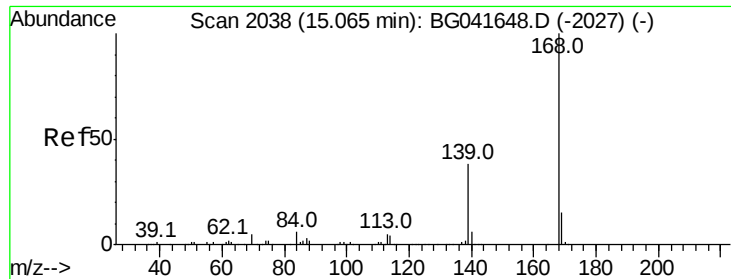
Tot Ion:138 Resp: 180098  
Ion Ratio Lower Upper  
138 100  
108 11.1 10.3 15.5  
92 111.0 93.0 139.4



#54  
2,4-Dinitrophenol  
Concen: 60.707 ng  
RT: 14.76 min Scan# 1986  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Tgt Ion:184 Resp: 134785  
Ion Ratio Lower Upper  
184 100  
63 55.3 43.2 64.8  
154 62.1 51.4 77.2

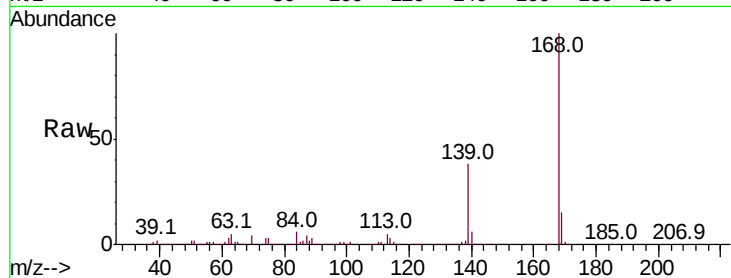




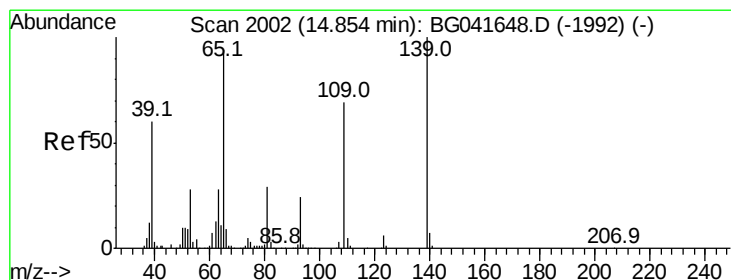
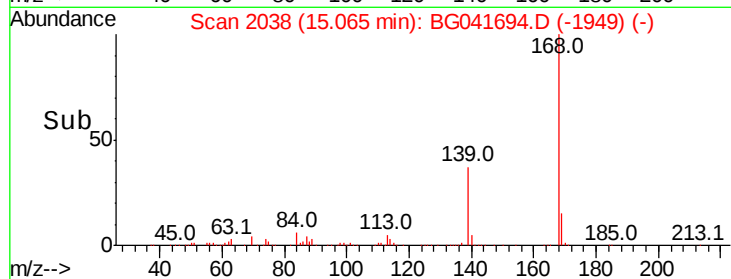
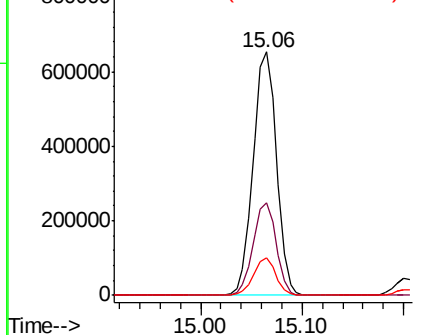
#55  
Dibenzenofuran  
Concen: 41.570 ng  
RT: 15.06 min Scan# 2038  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:168 Resp: 1046009  
Ion Ratio Lower Upper  
168 100  
139 38.0 31.9 47.9  
169 15.2 12.5 18.7

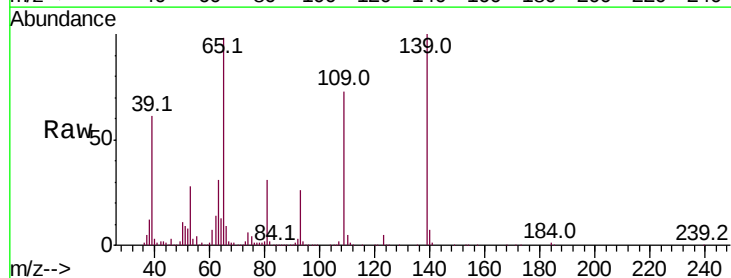


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

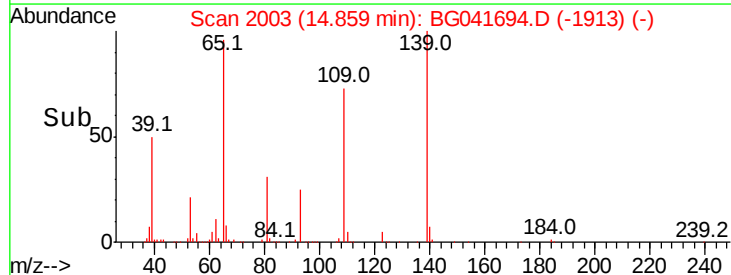
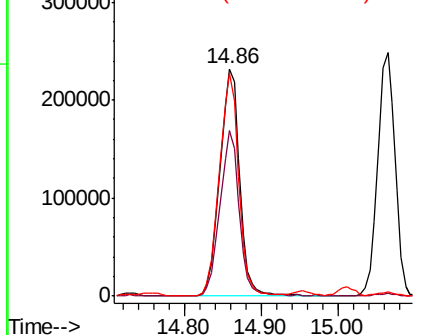


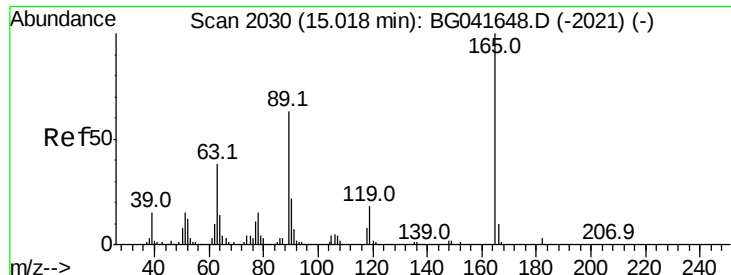
#56  
4-Nitrophenol  
Concen: 102.853 ng  
RT: 14.86 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Tgt Ion:139 Resp: 413391  
Ion Ratio Lower Upper  
139 100  
109 72.9 51.3 91.3  
65 98.0 77.6 117.6



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

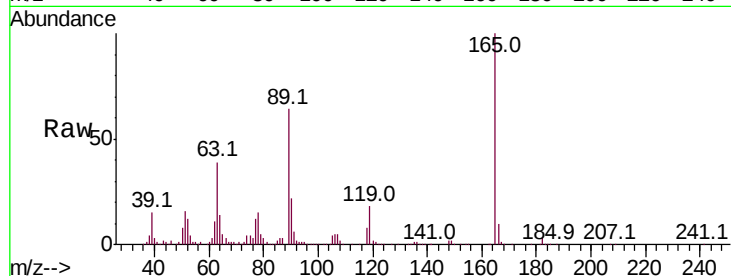




#57  
2,4-Dinitrotoluene  
Concen: 49.029 ng  
RT: 15.01 min Scan# 2029  
Delta R.T. -0.01 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 39.3  | 31.7  | 47.5  |
| 89      | 64.2  | 50.2  | 75.4  |
| 182     | 3.3   | 2.6   | 4.0   |



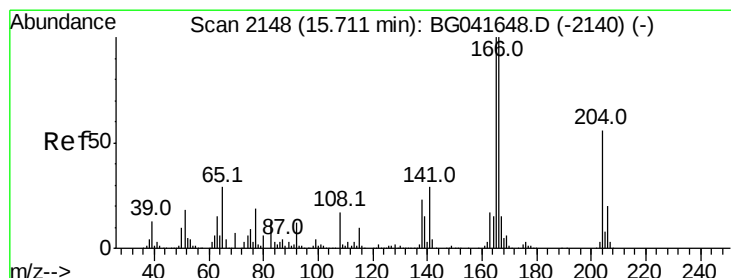
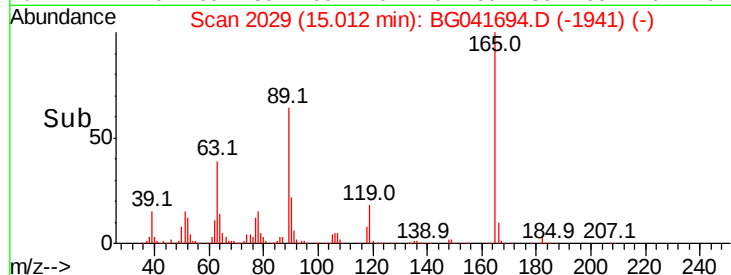
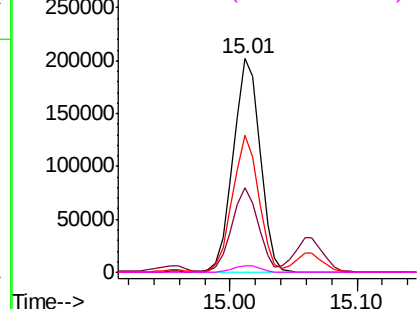
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

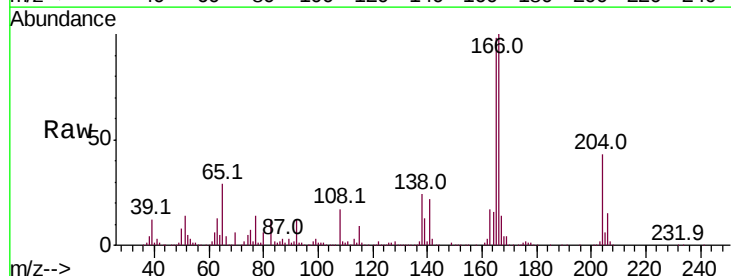
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 41.366 ng  
RT: 15.71 min Scan# 2148  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.3  | 80.5  | 120.7 |
| 167     | 14.5  | 12.4  | 18.6  |

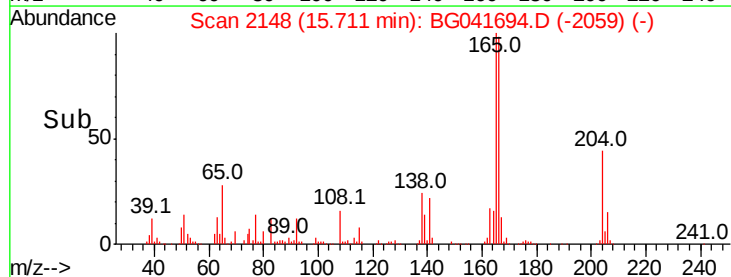
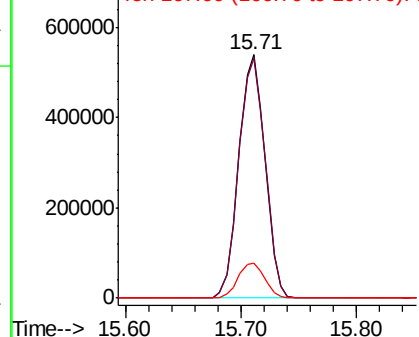


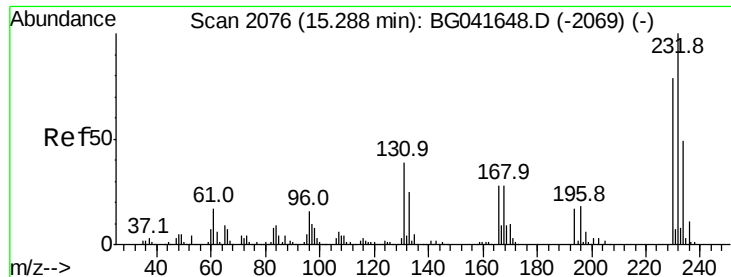
Abundance

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

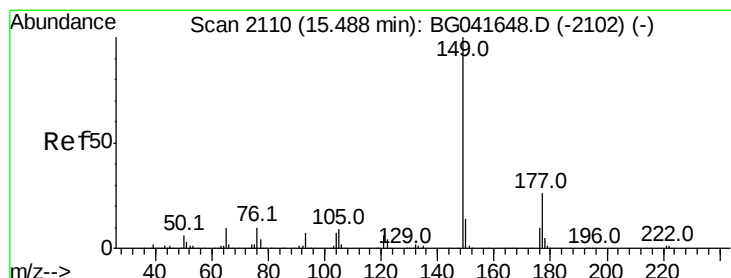
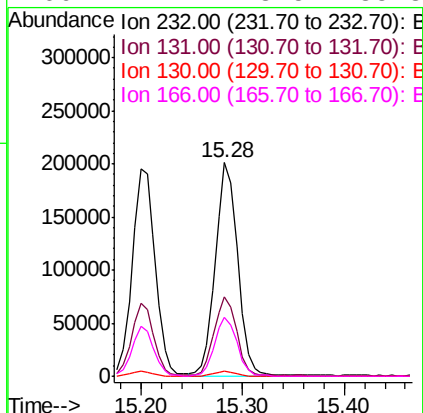
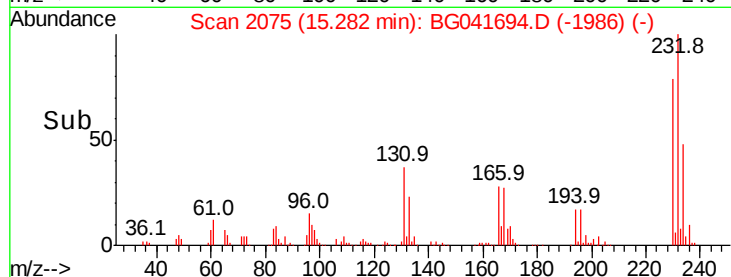
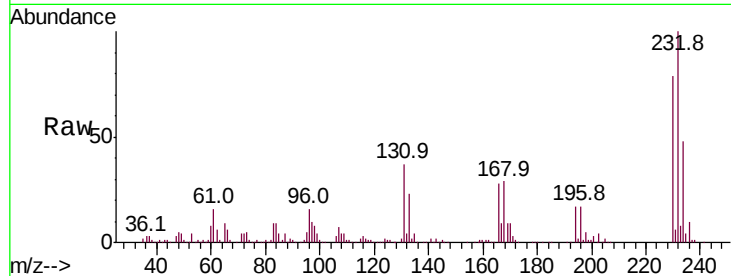




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 52.111 ng  
 RT: 15.28 min Scan# 2075  
 Delta R.T. -0.00 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

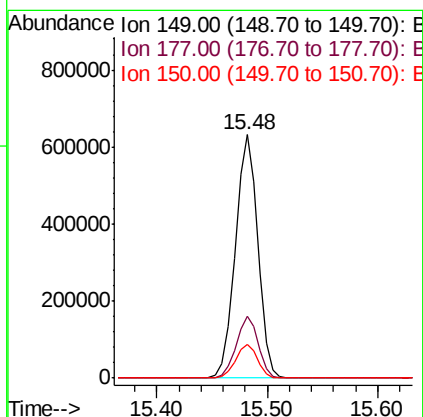
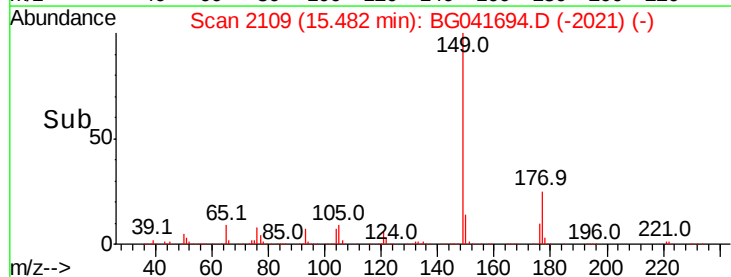
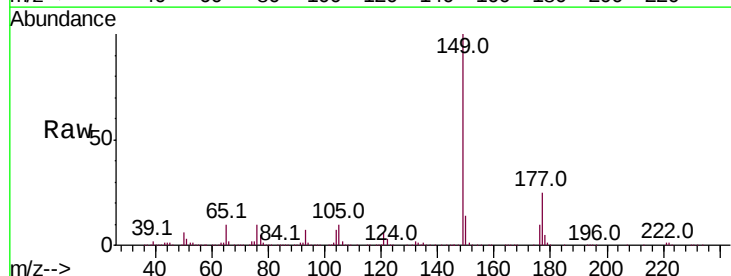
Instrument :  
 BNA\_G  
 ClientSampleId :

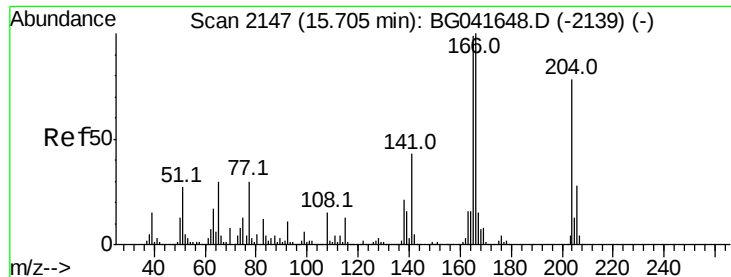
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 307967 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 37.2  | 31.8  | 47.6   |
| 130      | 2.5   | 1.8   | 2.8    |
| 166      | 27.4  | 23.5  | 35.3   |



#60  
 Diethylphthalate  
 Concen: 41.611 ng  
 RT: 15.48 min Scan# 2109  
 Delta R.T. -0.01 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 898762 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 25.4  | 20.7  | 31.1   |
| 150      | 14.0  | 11.5  | 17.3   |





#61

4-Chlorophenyl-phenylether

Concen: 41.591 ng

RT: 15.71 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

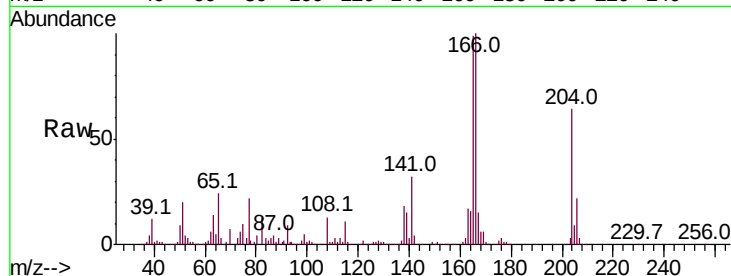
Tot Ion:204 Resp: 481356

Ion Ratio Lower Upper

204 100

206 35.2 28.6 42.8

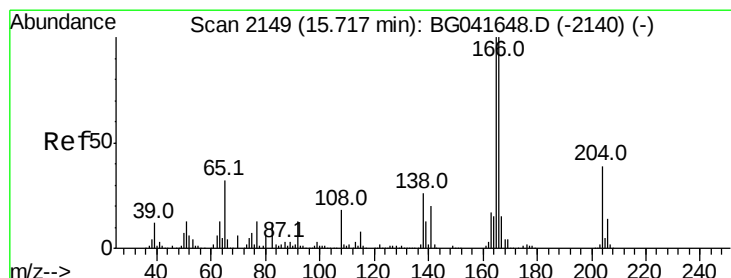
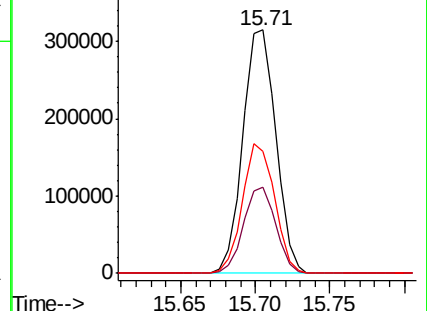
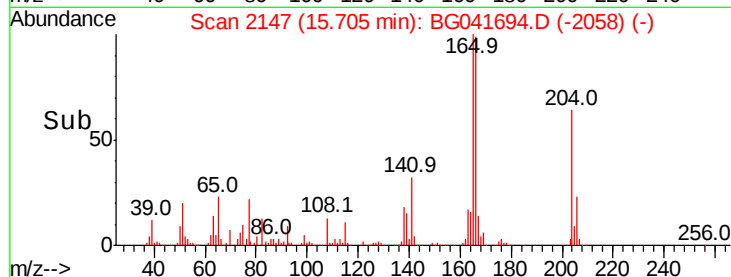
141 49.9 42.9 64.3



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: 46.096 ng

RT: 15.72 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

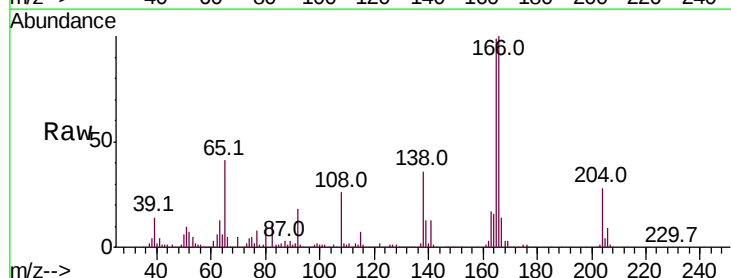
Tgt Ion:138 Resp: 242699

Ion Ratio Lower Upper

138 100

92 48.9 29.8 69.8

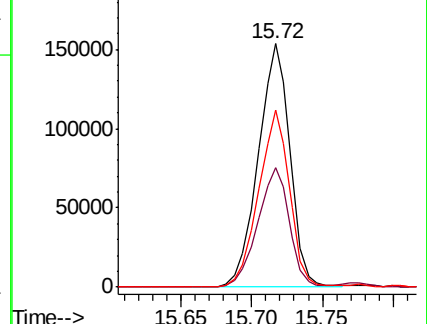
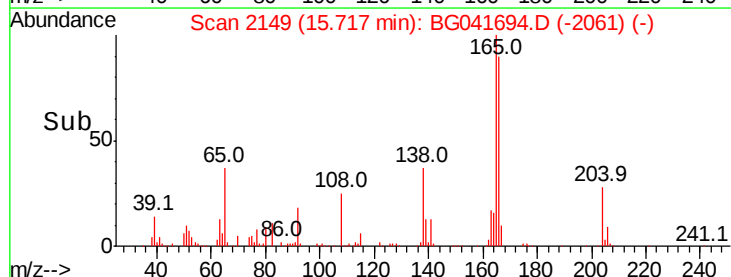
108 72.6 52.2 92.2

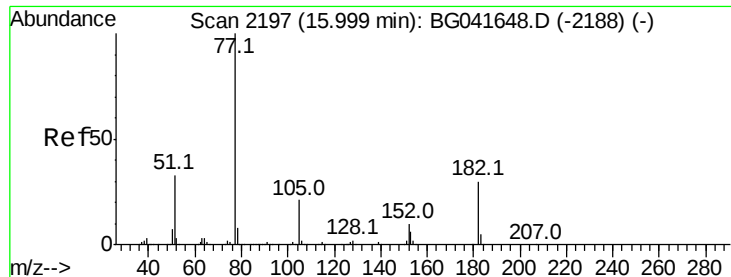


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.532 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 791476

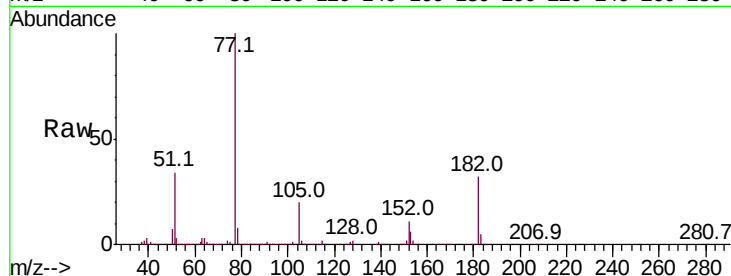
Ion Ratio Lower Upper

77 100

182 31.5 13.2 53.2

105 20.3 2.2 42.2

51 34.2 14.6 54.6

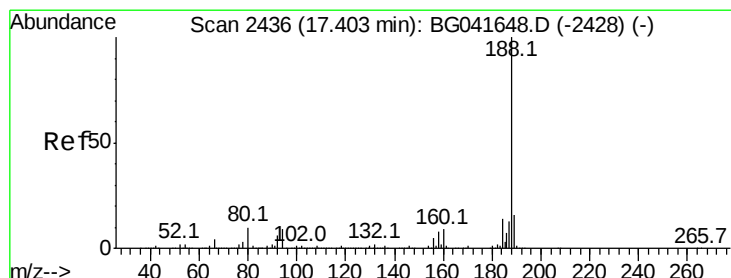
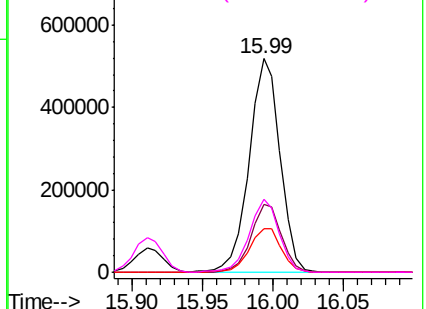
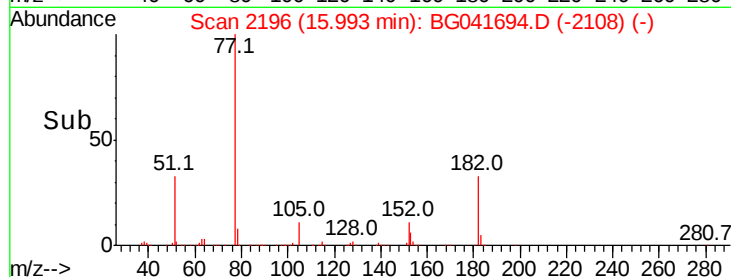


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

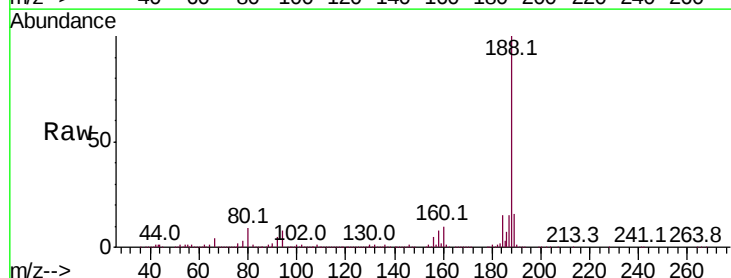
Tgt Ion: 188 Resp: 663269

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

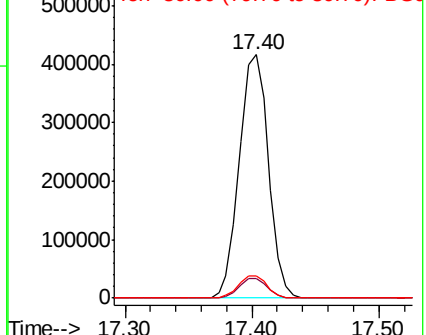
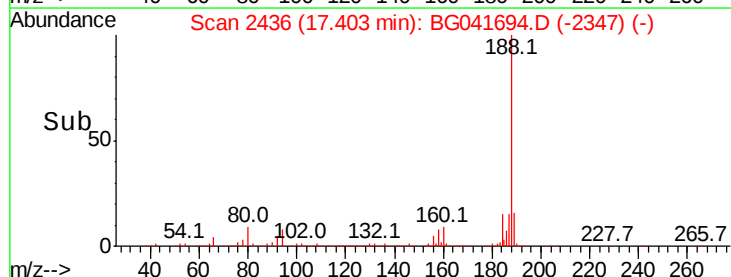
80 9.3 8.0 12.0

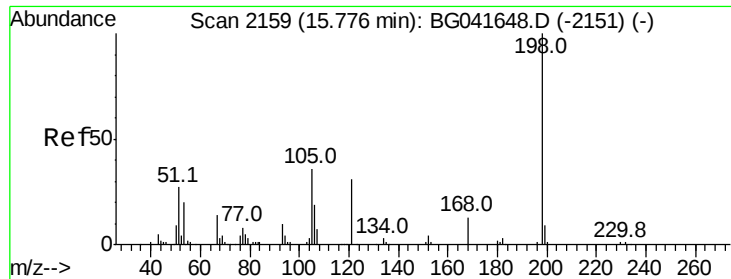


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

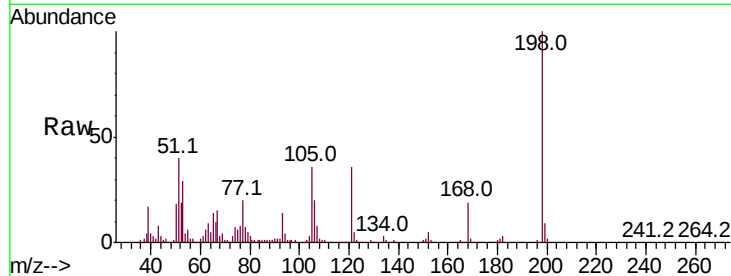




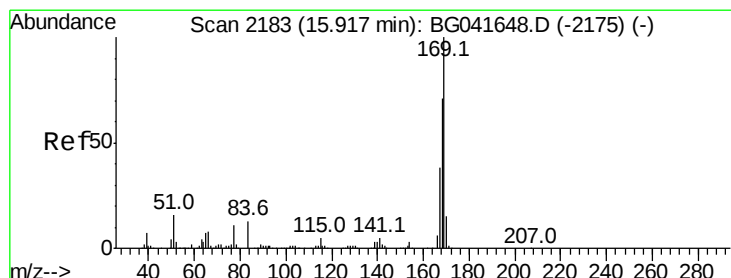
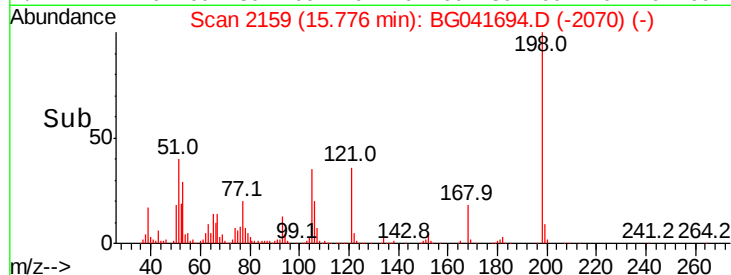
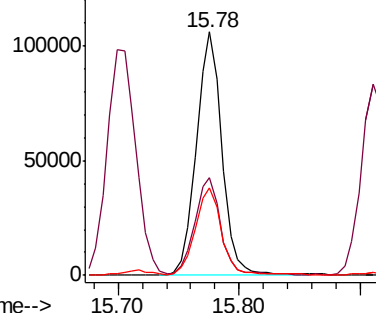
#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.297 ng  
RT: 15.78 min Scan# 2159  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 40.3  | 22.3  | 62.3  |
| 105     | 35.7  | 18.0  | 58.0  |

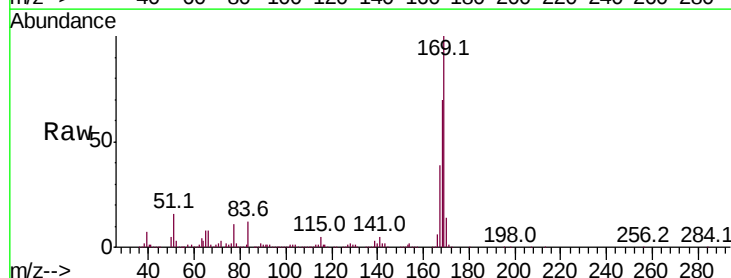


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

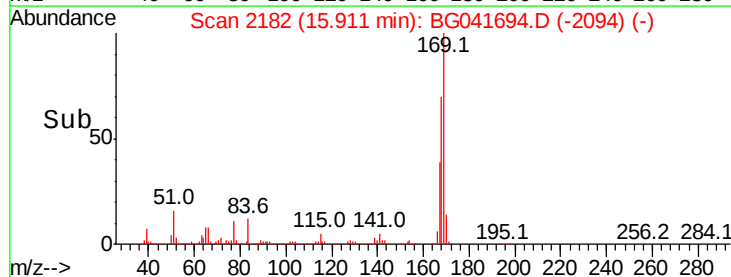
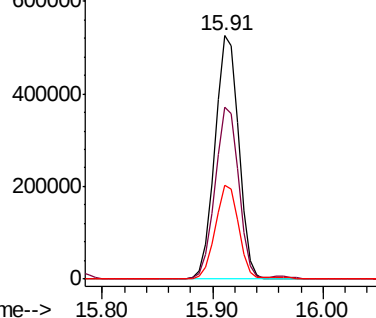


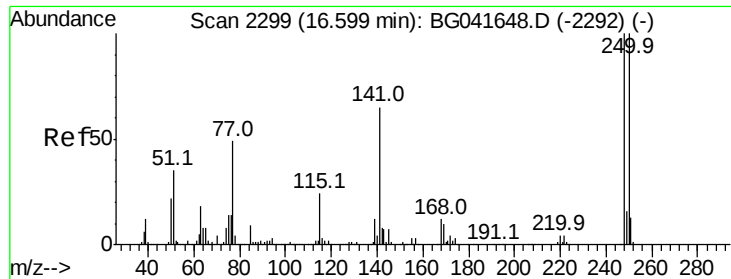
#66  
n-Nitrosodiphenylamine  
Concen: 40.948 ng  
RT: 15.91 min Scan# 2182  
Delta R.T. -0.01 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.5  | 56.9  | 85.3  |
| 167     | 38.7  | 31.5  | 47.3  |



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

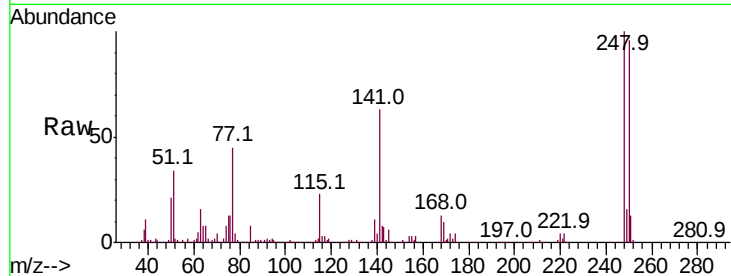




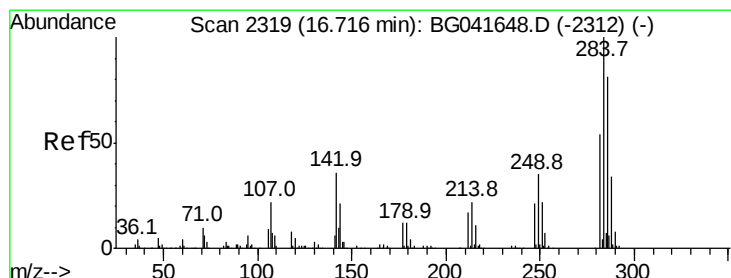
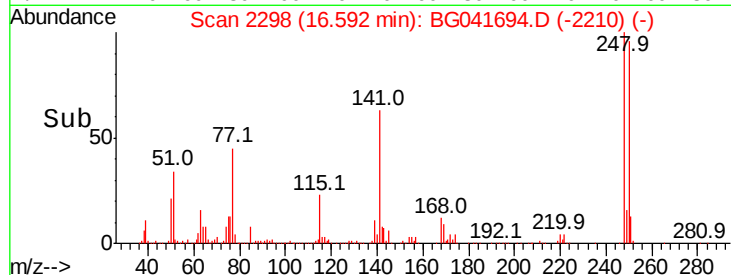
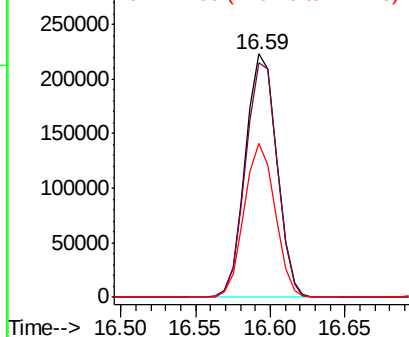
#67  
4-Bromophenyl-phenylether  
Concen: 41.059 ng  
RT: 16.59 min Scan# 2298  
Delta R.T. -0.01 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:248 Resp: 324037  
Ion Ratio Lower Upper  
248 100  
250 96.4 78.1 117.1  
141 63.2 49.6 74.4

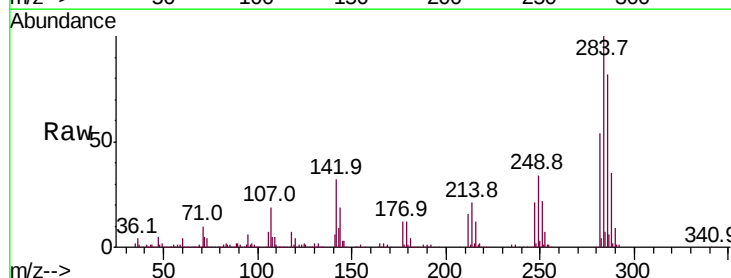


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

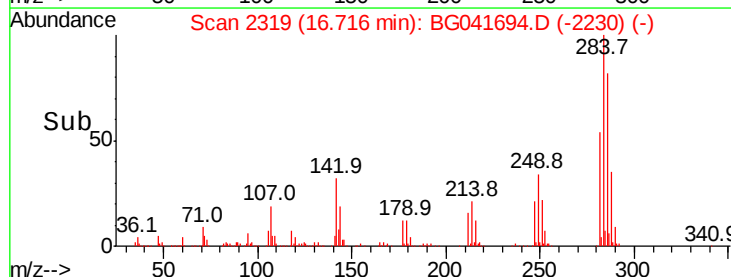
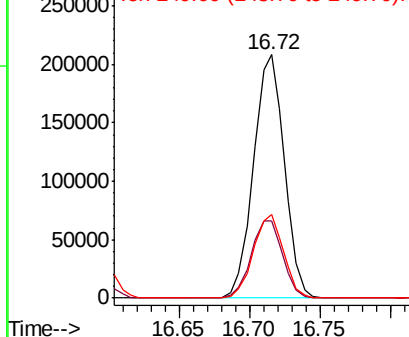


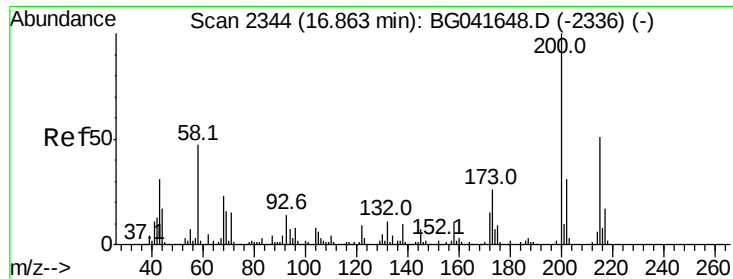
#68  
Hexachlorobenzene  
Concen: 40.176 ng  
RT: 16.72 min Scan# 2319  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Tgt Ion:284 Resp: 319283  
Ion Ratio Lower Upper  
284 100  
142 31.6 27.0 40.6  
249 34.4 28.4 42.6



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

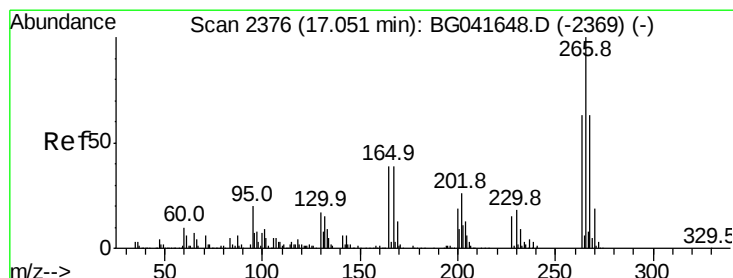
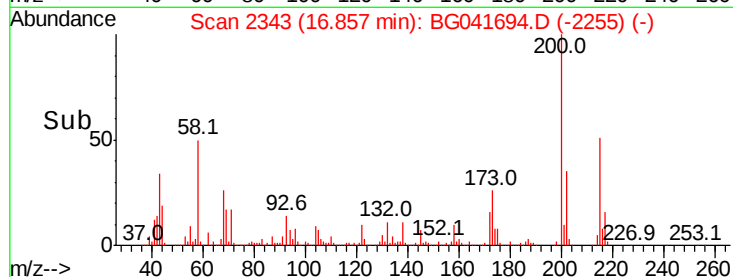
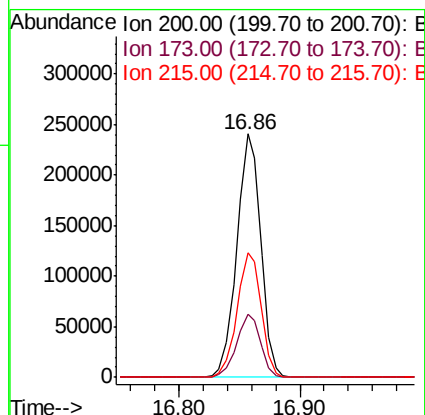
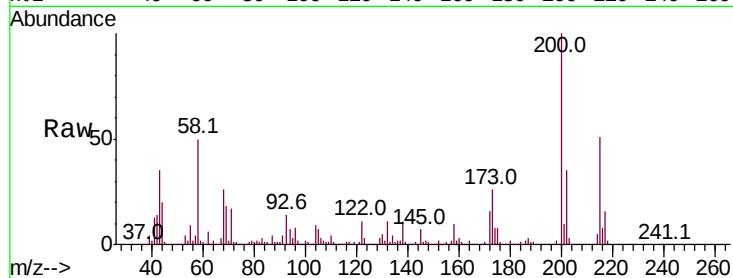




#69  
 Atrazine  
 Concen: 47.084 ng  
 RT: 16.86 min Scan# 2343  
 Delta R.T. -0.01 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

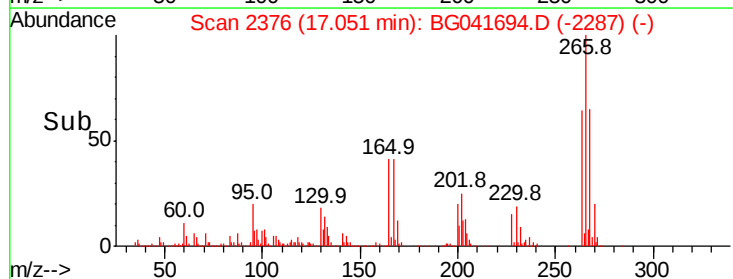
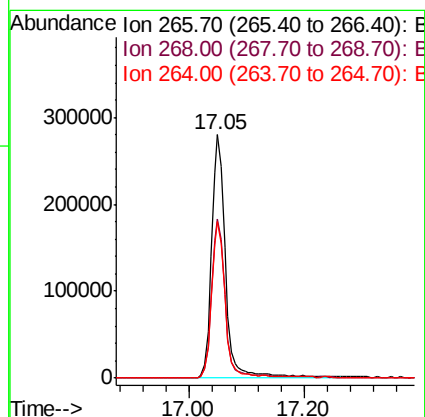
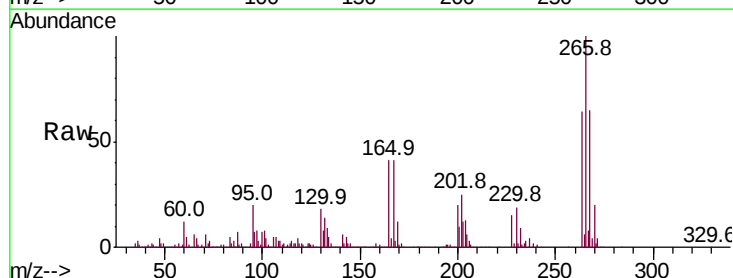
Instrument :  
 BNA\_G  
 ClientSampleId :

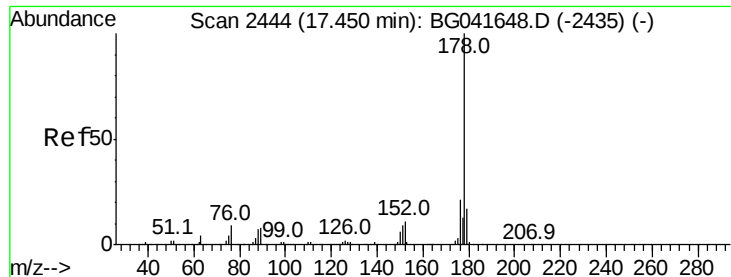
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.8  | 5.3   | 45.3  |
| 215     | 51.0  | 31.8  | 71.8  |



#70  
 Pentachlorophenol  
 Concen: 96.564 ng  
 RT: 17.05 min Scan# 2376  
 Delta R.T. -0.00 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.3  | 52.9  | 79.3  |
| 264     | 64.2  | 51.4  | 77.2  |

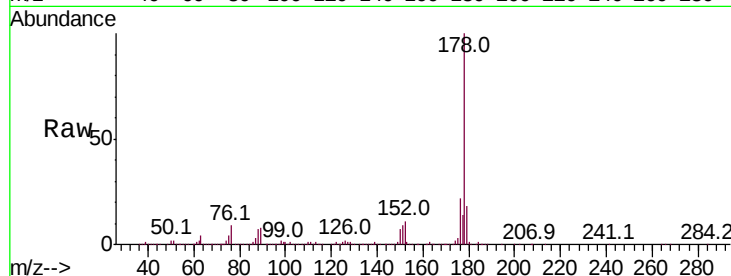




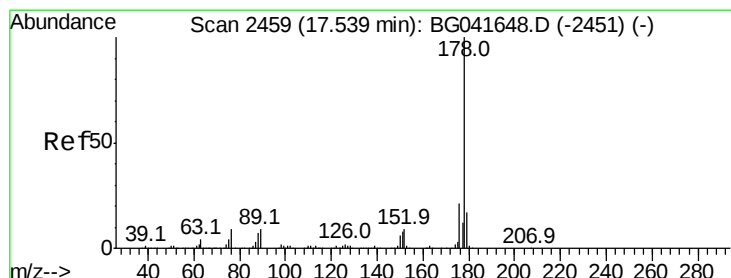
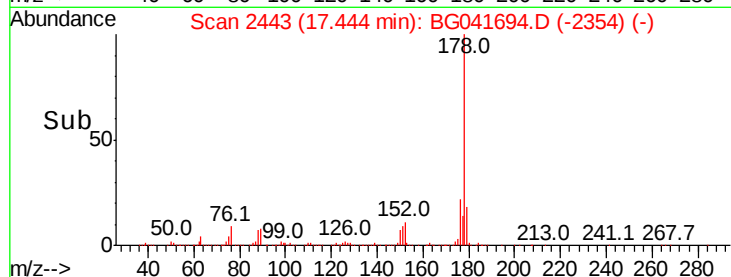
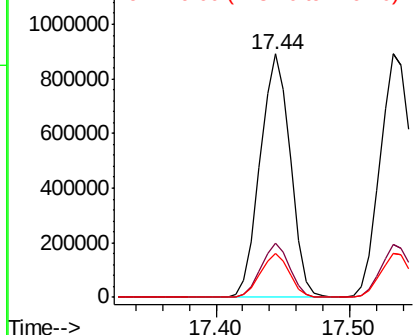
#71  
Phenanthrene  
Concen: 41.661 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:178 Resp: 1391588  
Ion Ratio Lower Upper  
178 100  
176 22.1 18.6 28.0  
179 17.8 15.4 23.0

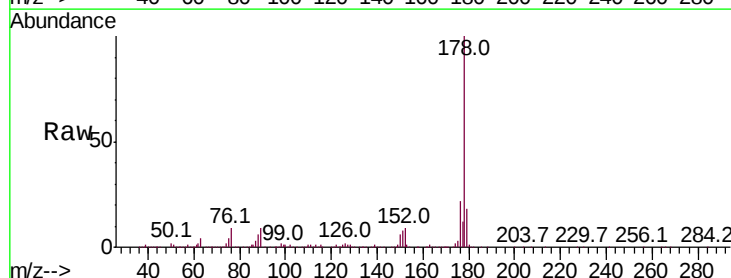


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

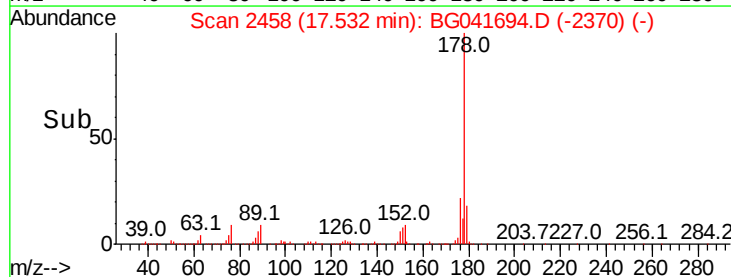
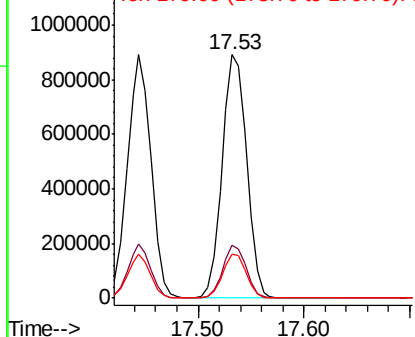


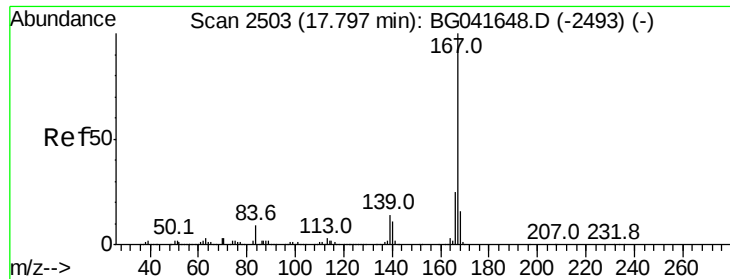
#72  
Anthracene  
Concen: 43.015 ng  
RT: 17.53 min Scan# 2458  
Delta R.T. -0.01 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Tgt Ion:178 Resp: 1432192  
Ion Ratio Lower Upper  
178 100  
176 21.6 18.6 28.0  
179 18.2 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



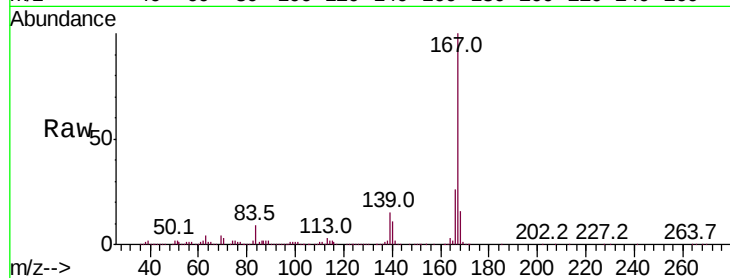


#73  
 Carbazole  
 Concen: 43.491 ng  
 RT: 17.80 min Scan# 2503  
 Delta R.T. -0.00 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

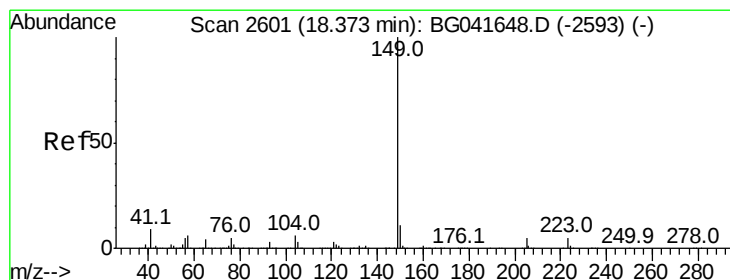
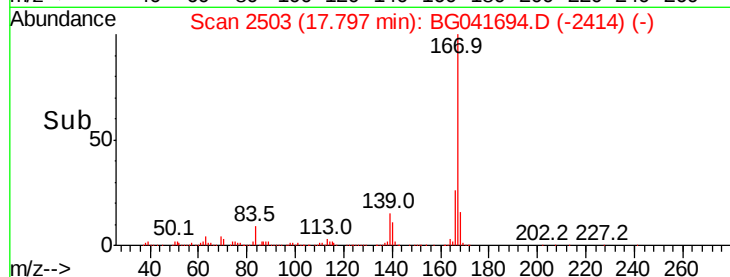
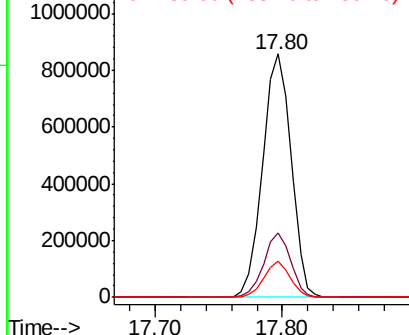
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:167 Resp: 1342975  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 26.3  | 21.4  | 32.2  |
| 139 | 14.7  | 12.1  | 18.1  |



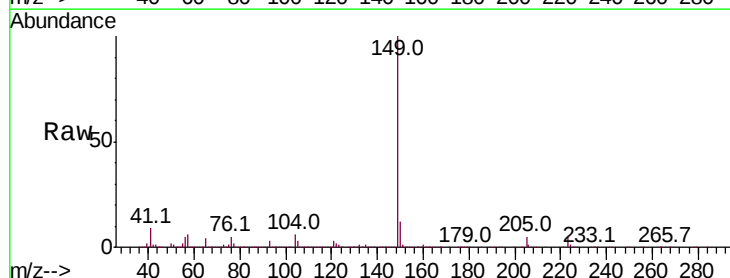
Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E



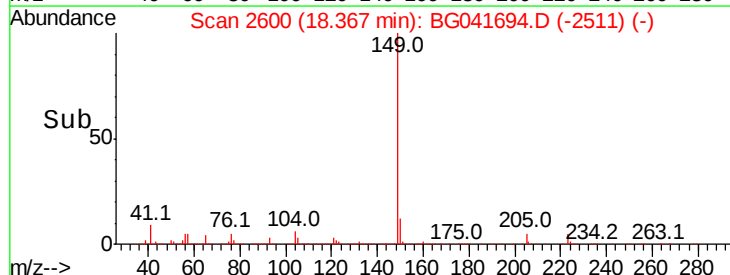
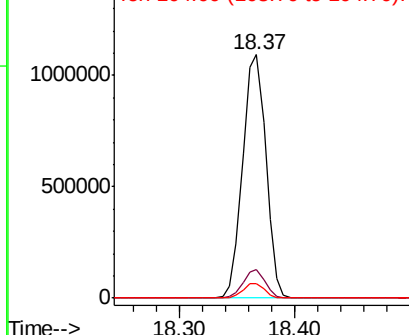
#74  
 Di-n-butylphthalate  
 Concen: 40.701 ng  
 RT: 18.37 min Scan# 2600  
 Delta R.T. -0.00 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

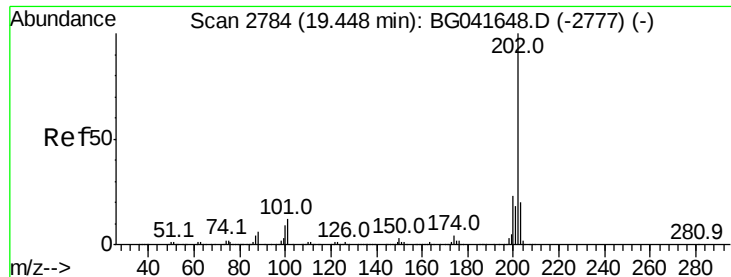
Tgt Ion:149 Resp: 1532874  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 11.5  | 10.2  | 15.2  |
| 104 | 5.9   | 5.3   | 7.9   |



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: 41.679 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampled :

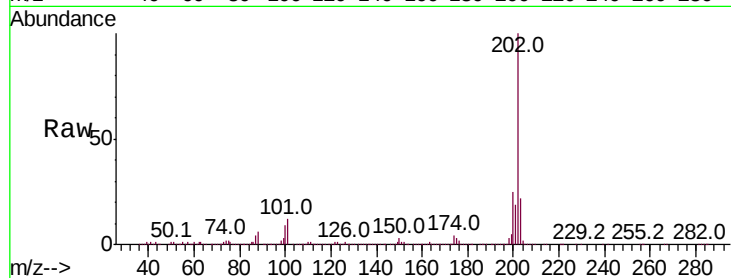
Tot Ion:202 Resp: 1709482

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.8

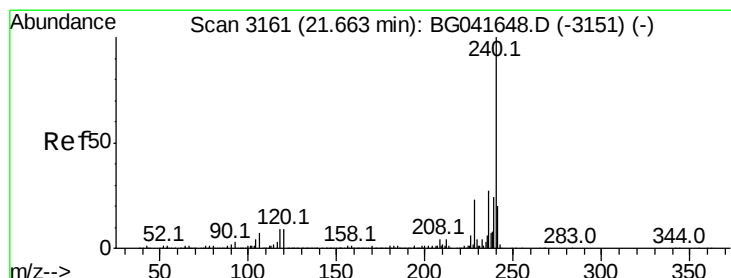
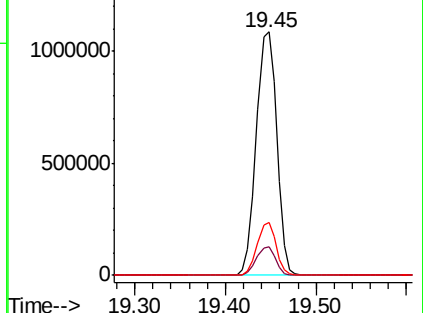
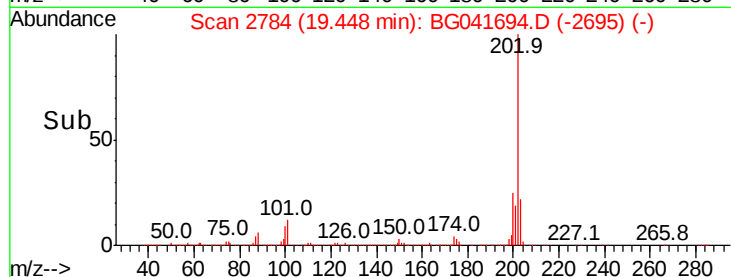
203 21.8 3.7 43.7



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: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

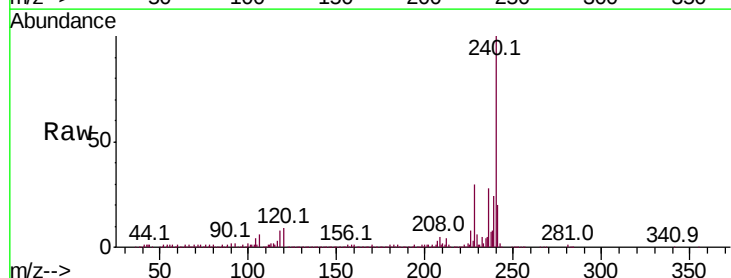
Tgt Ion:240 Resp: 657219

Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

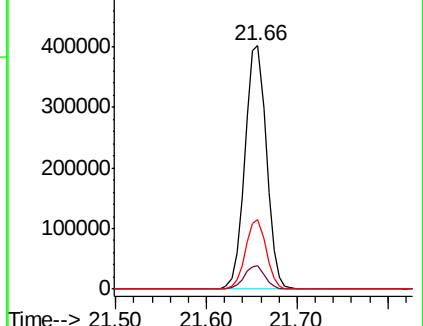
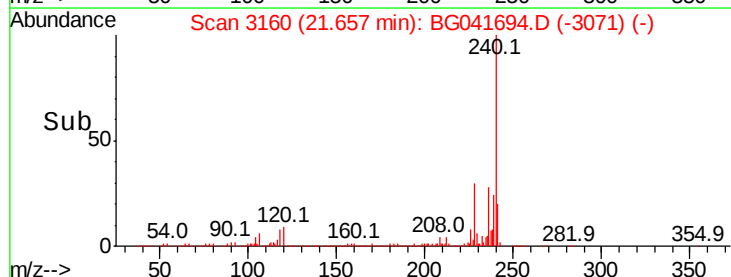
236 28.5 22.6 33.8

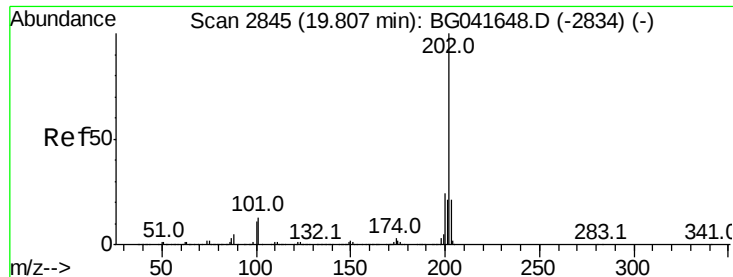


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 39.006 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

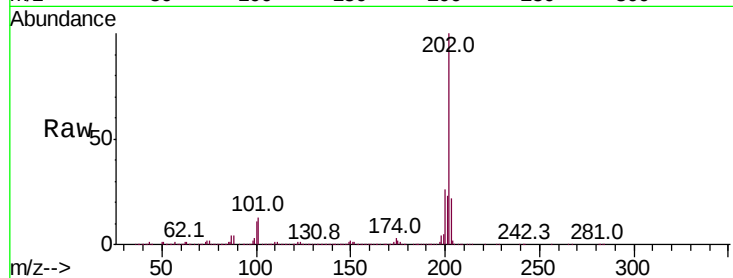
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:202 Resp: 1733788

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 26.0  | 22.2  | 33.2  |
| 203 | 22.0  | 18.9  | 28.3  |

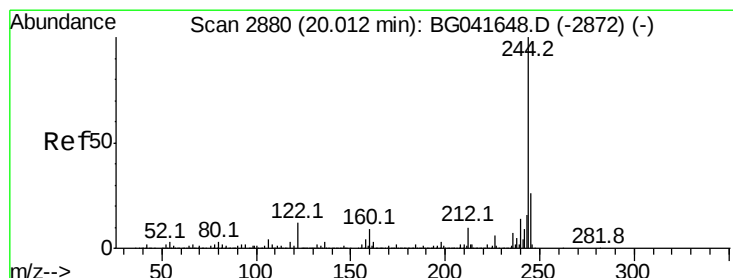
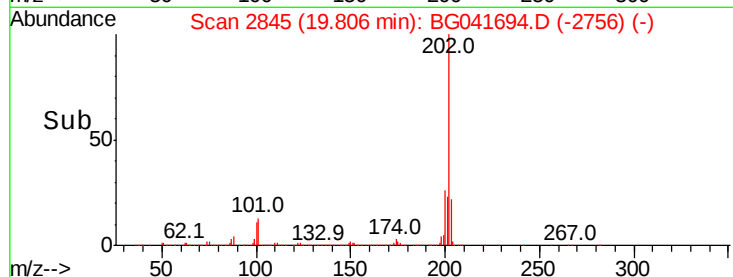
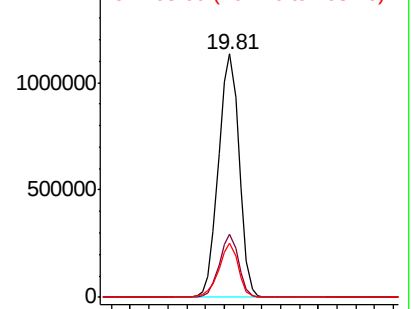


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 82.616 ng

RT: 20.01 min Scan# 2879

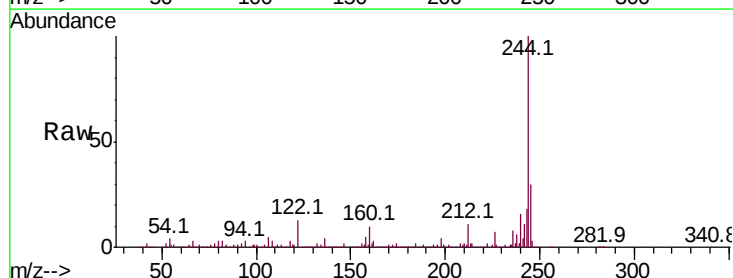
Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:244 Resp: 2323474

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 11.2  | 9.7   | 14.5  |
| 122 | 13.4  | 12.5  | 18.7  |

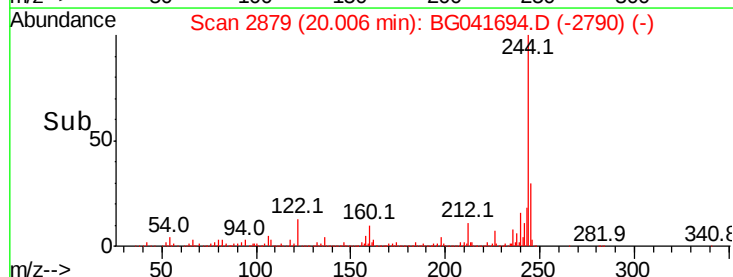
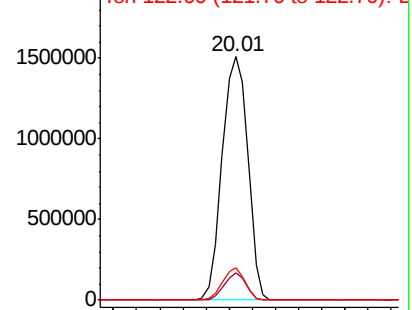


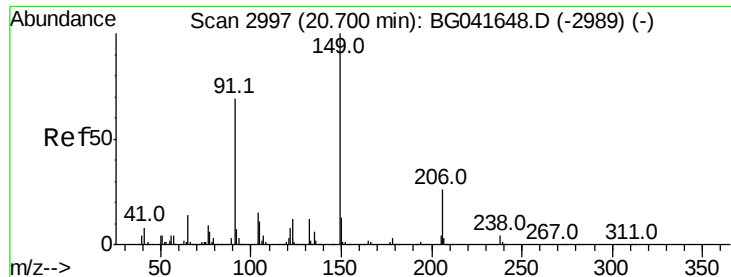
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

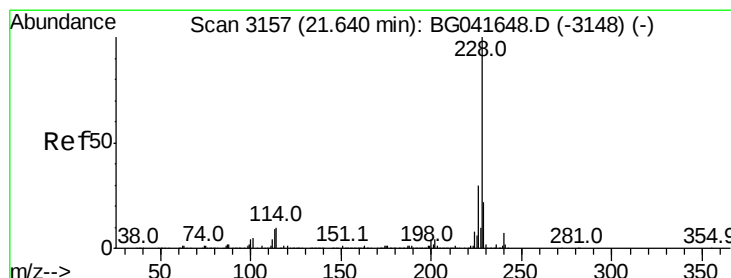
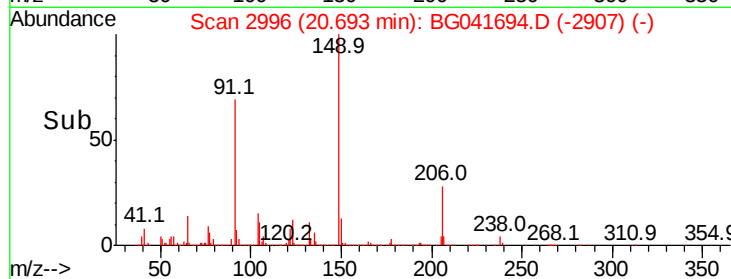
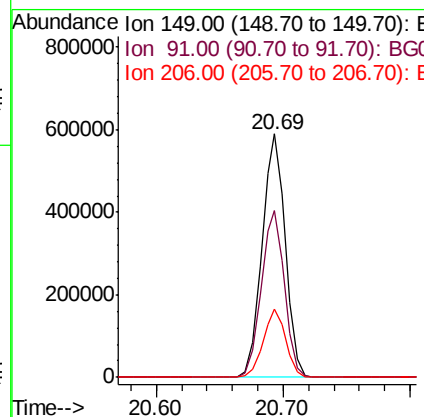
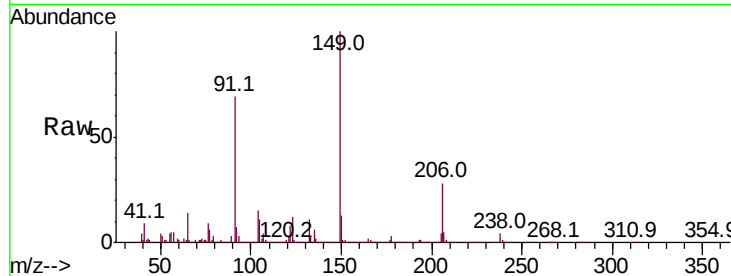




#80  
Butylbenzylphthalate  
Concen: 40.602 ng  
RT: 20.69 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

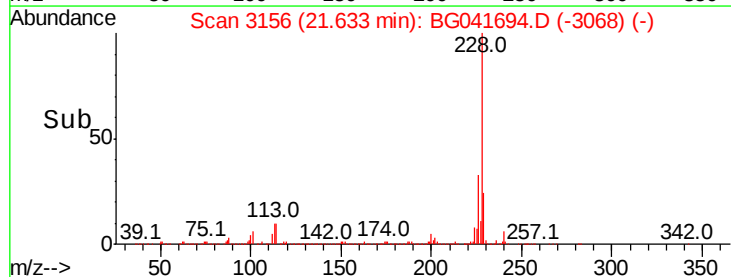
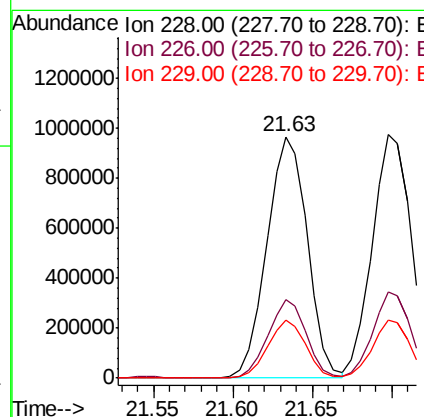
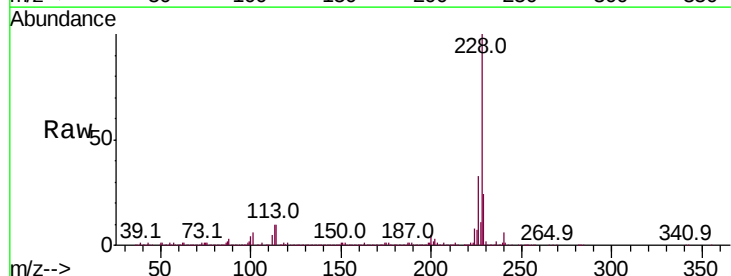
Instrument :  
BNA\_G  
ClientSampleId :

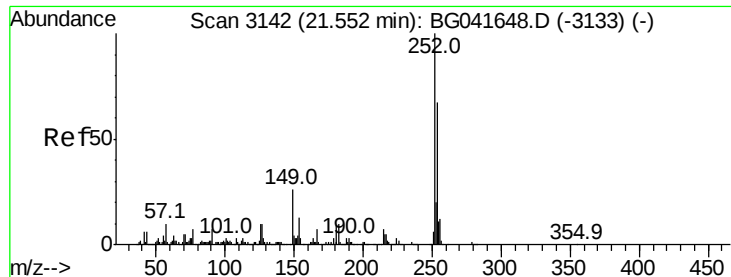
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.8  | 58.9  | 88.3  |
| 206     | 28.3  | 20.8  | 31.2  |



#81  
Benzo(a)anthracene  
Concen: 40.343 ng  
RT: 21.63 min Scan# 3156  
Delta R.T. -0.01 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.6  | 27.3  | 40.9  |
| 229     | 23.9  | 19.7  | 29.5  |

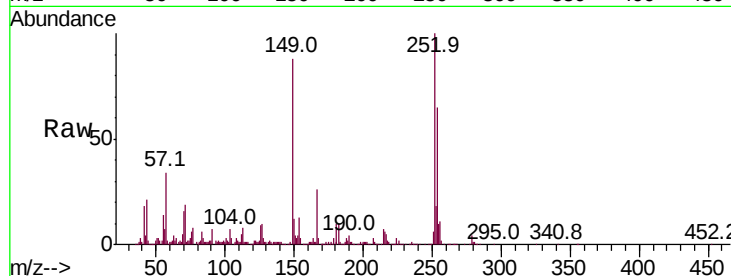




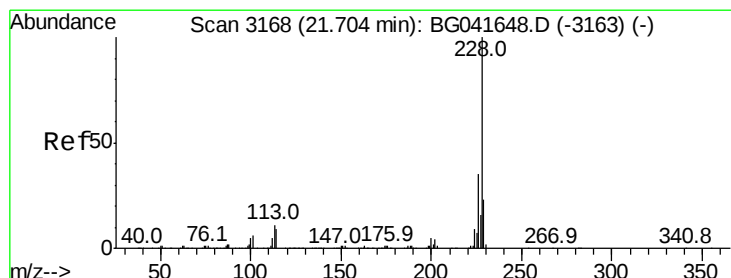
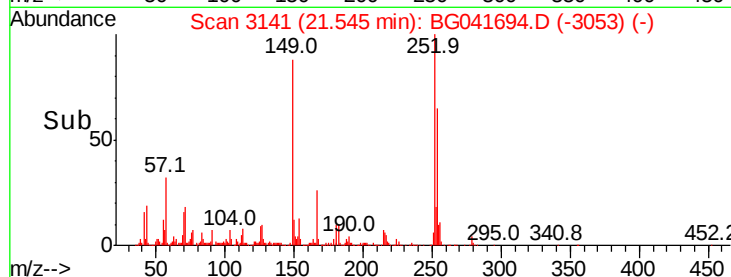
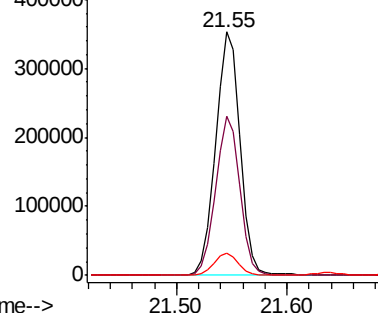
#82  
 3,3'-Dichlorobenzidine  
 Concen: 32.782 ng  
 RT: 21.55 min Scan# 3141  
 Delta R.T. -0.01 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:252 Resp: 547774  
 Ion Ratio Lower Upper  
 252 100  
 254 65.4 53.8 80.6  
 126 9.1 7.8 11.8

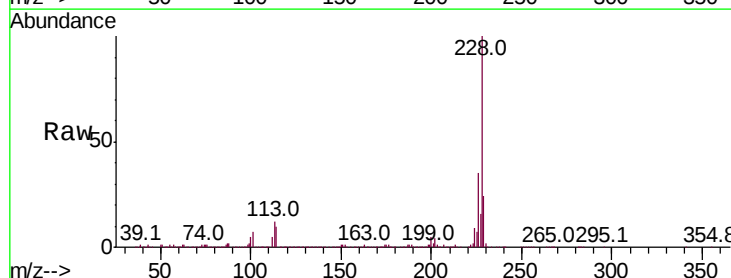


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

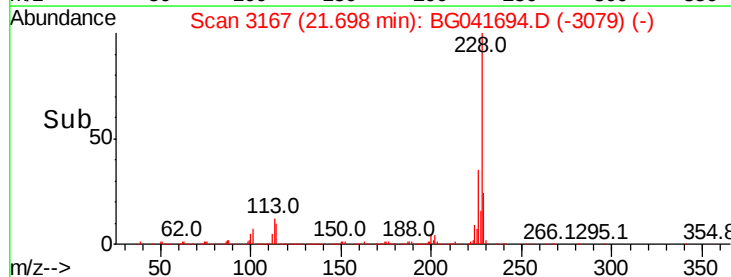
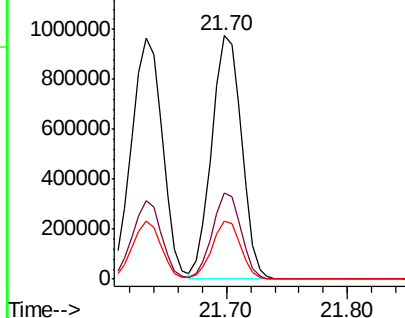


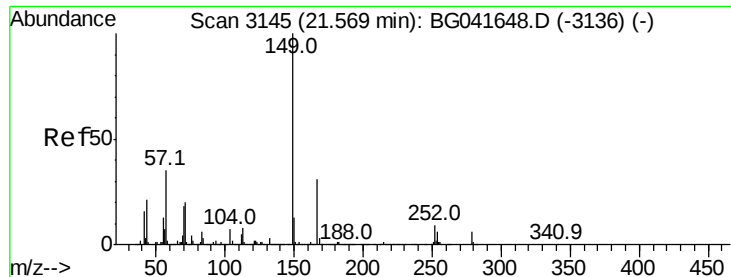
#83  
 Chrysene  
 Concen: 41.024 ng  
 RT: 21.70 min Scan# 3167  
 Delta R.T. -0.01 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

Tgt Ion:228 Resp: 1664551  
 Ion Ratio Lower Upper  
 228 100  
 226 35.3 30.1 45.1  
 229 23.9 19.8 29.6



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.104 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

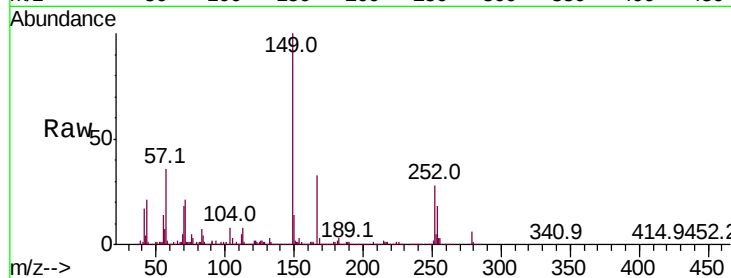
Tot Ion:149 Resp: 1045885

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 32.8  | 27.0  | 40.4  |
| 279 | 6.1   | 5.0   | 7.6   |

149 100

167 32.8 27.0 40.4

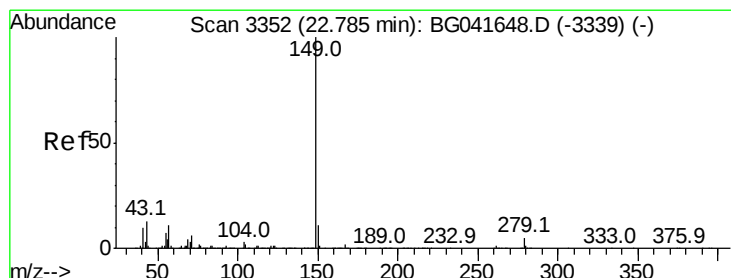
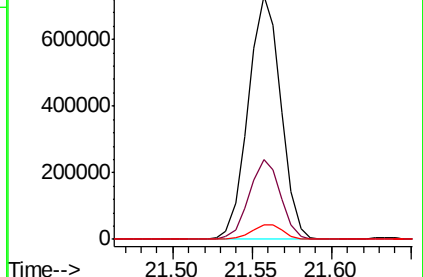
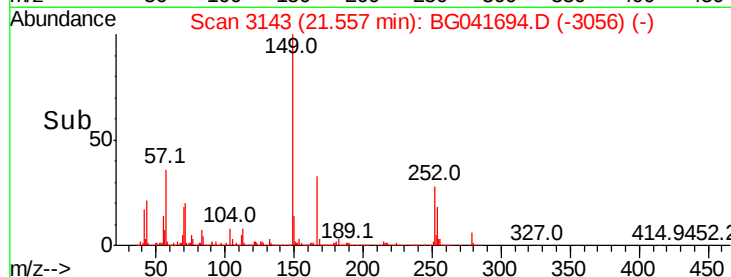
279 6.1 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 41.154 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.02 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

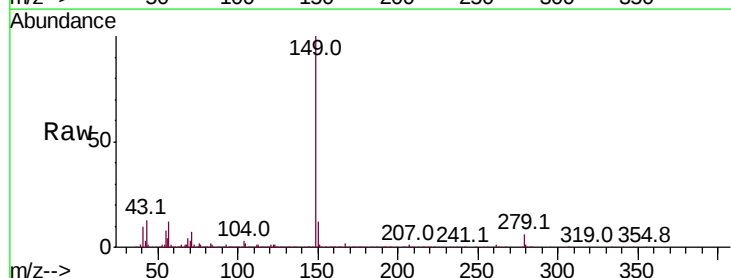
Tgt Ion:149 Resp: 1827771

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.9   | 1.6   | 2.4   |
| 43  | 12.3  | 10.6  | 16.0  |

149 100

167 1.9 1.6 2.4

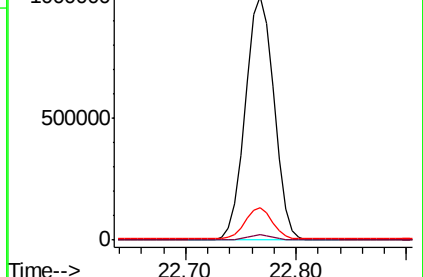
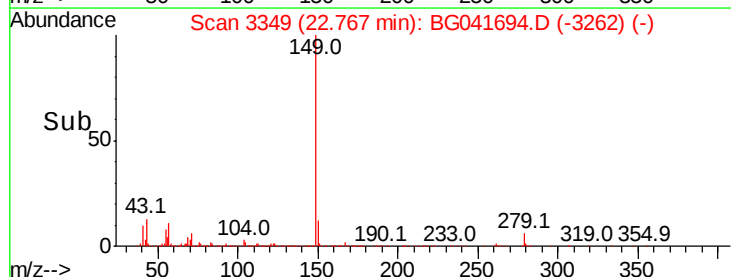
43 12.3 10.6 16.0

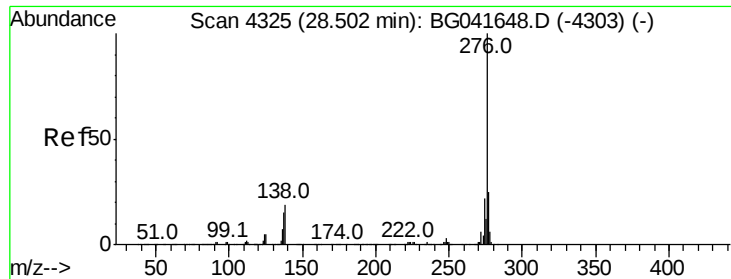


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



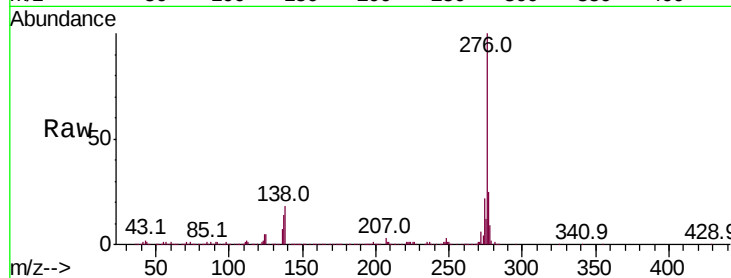


#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.207 ng  
 RT: 28.50 min Scan# 4324  
 Delta R.T. -0.03 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

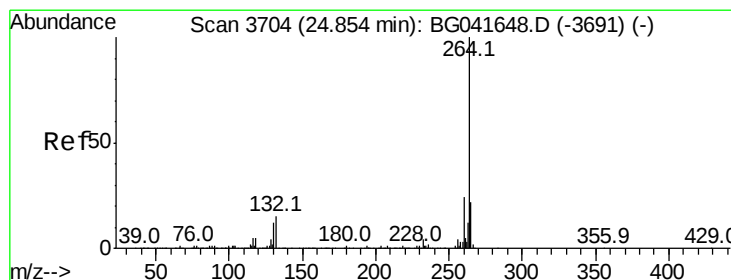
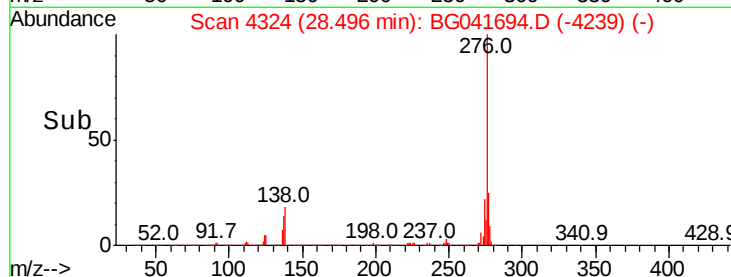
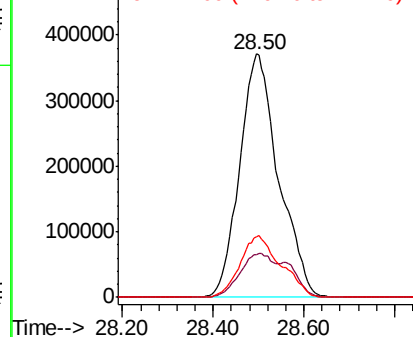
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:276 Resp: 2206164  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 15.1  | 19.4  | 29.0# |
| 277 | 26.6  | 21.2  | 31.8  |



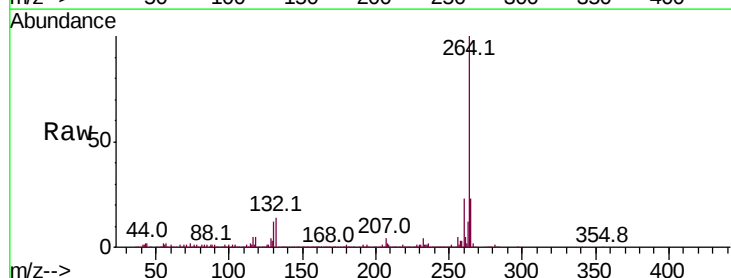
Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E



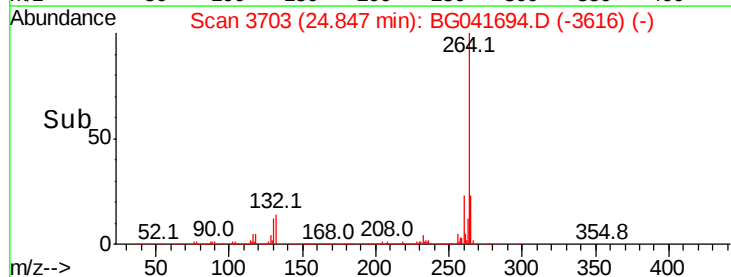
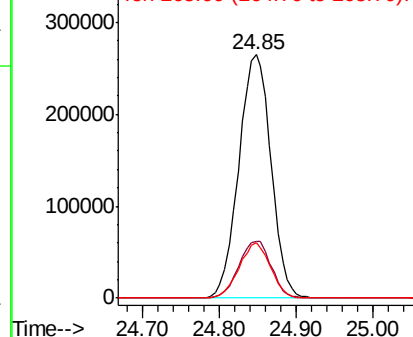
#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.85 min Scan# 3703  
 Delta R.T. -0.02 min  
 Lab File: BG041694.D  
 Acq: 17 Jul 2019 19:04

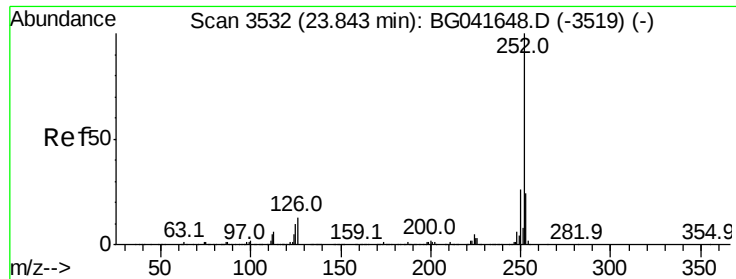
Tgt Ion:264 Resp: 773835  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 19.5  | 29.3  |
| 265 | 23.0  | 18.0  | 27.0  |



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

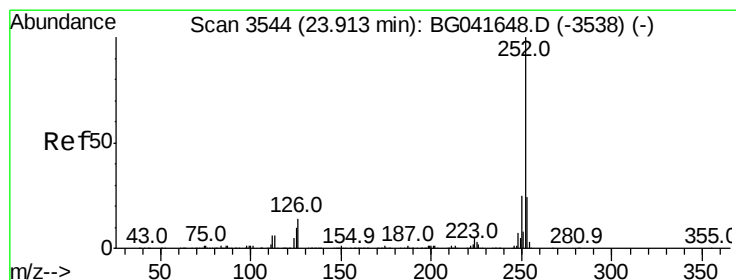
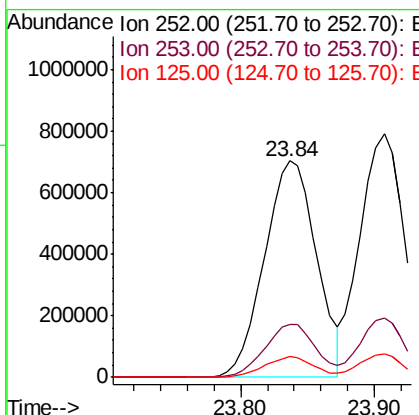
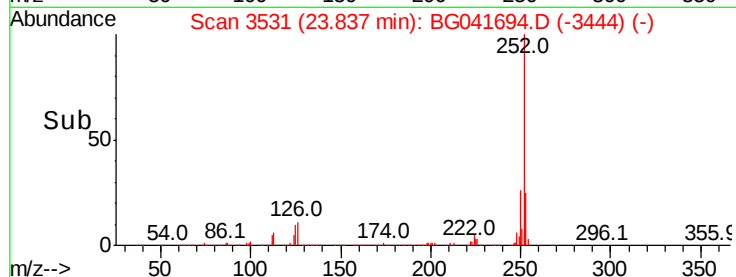
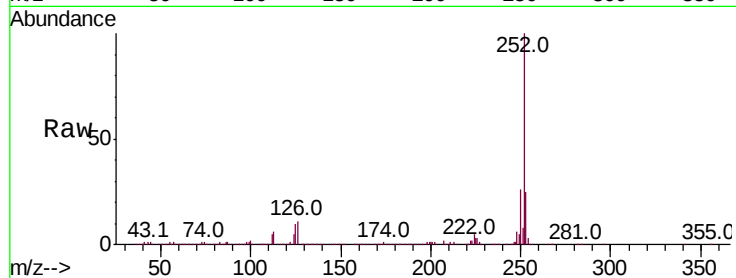




#88  
Benzo(b)fluoranthene  
Concen: 40.532 ng  
RT: 23.84 min Scan# 3531  
Delta R.T. -0.02 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

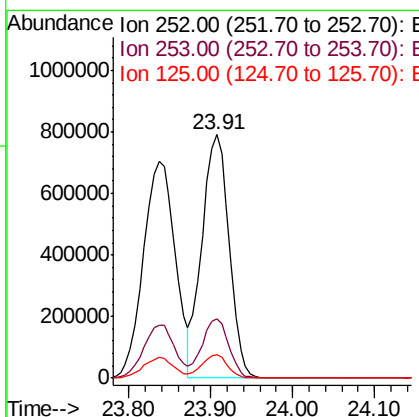
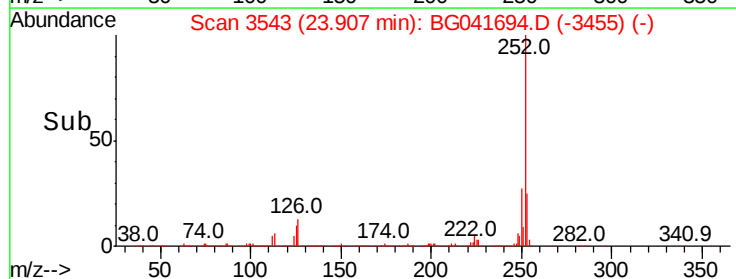
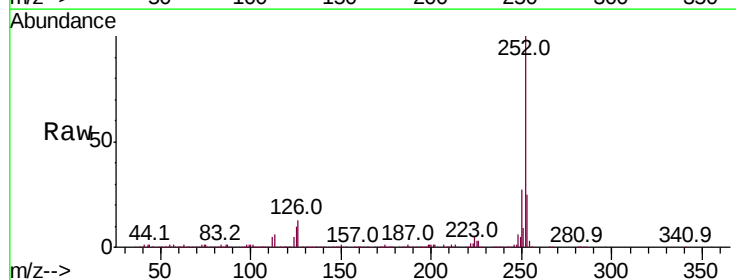
Instrument :  
BNA\_G  
ClientSampleId :

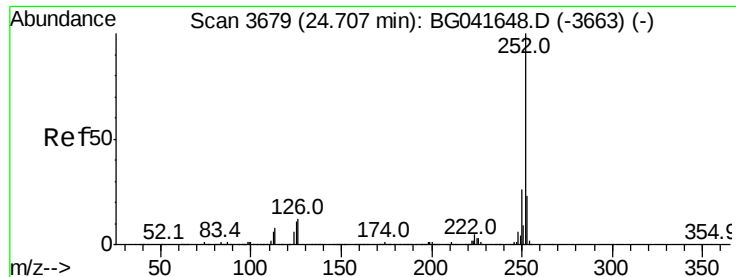
Tot Ion:252 Resp: 1902541  
Ion Ratio Lower Upper  
252 100  
253 24.6 20.6 30.8  
125 9.6 8.0 12.0



#89  
Benzo(k)fluoranthene  
Concen: 42.001 ng  
RT: 23.91 min Scan# 3543  
Delta R.T. -0.01 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Tgt Ion:252 Resp: 1826790  
Ion Ratio Lower Upper  
252 100  
253 24.6 20.5 30.7  
125 9.6 8.4 12.6

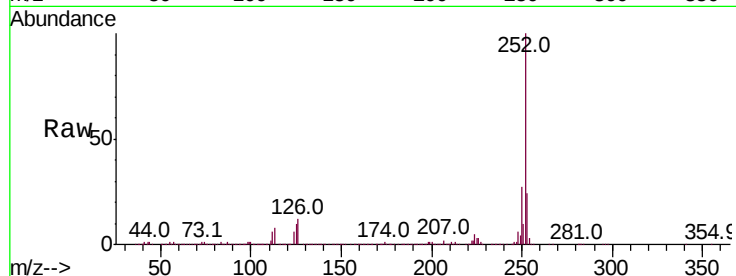




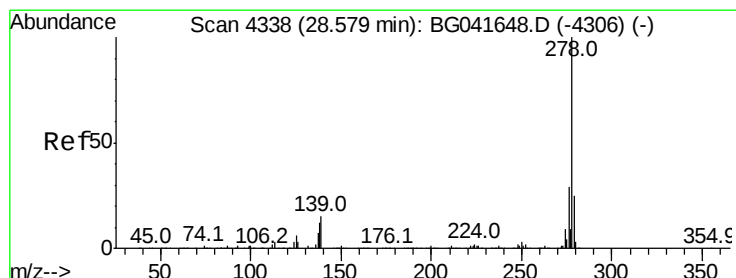
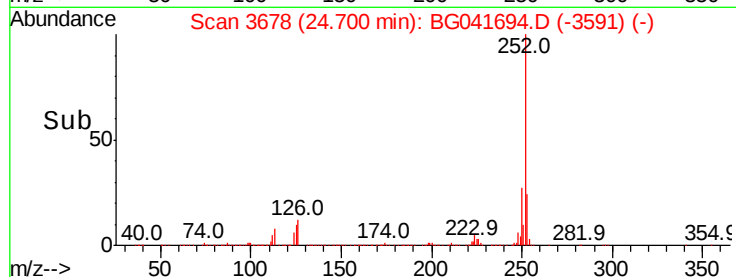
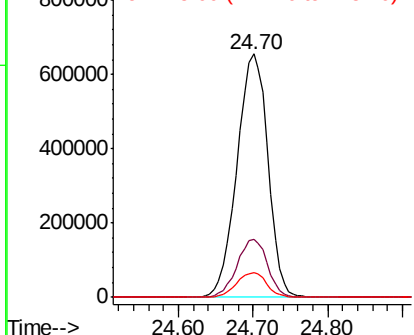
#90  
Benzo(a)pyrene  
Concen: 42.301 ng  
RT: 24.70 min Scan# 3678  
Delta R.T. -0.02 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:252 Resp: 1878633  
Ion Ratio Lower Upper  
252 100  
253 23.9 19.8 29.8  
125 10.0 8.8 13.2

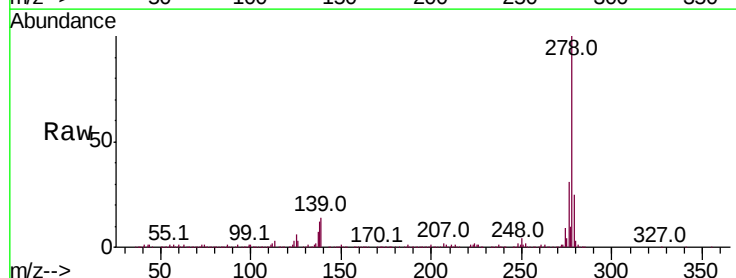


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

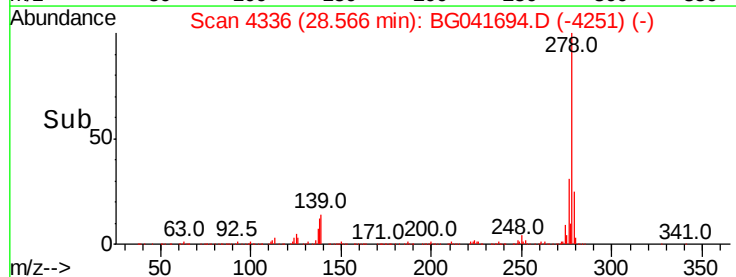
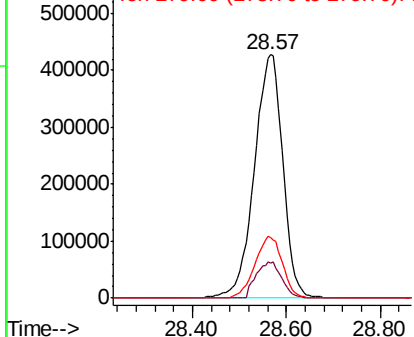


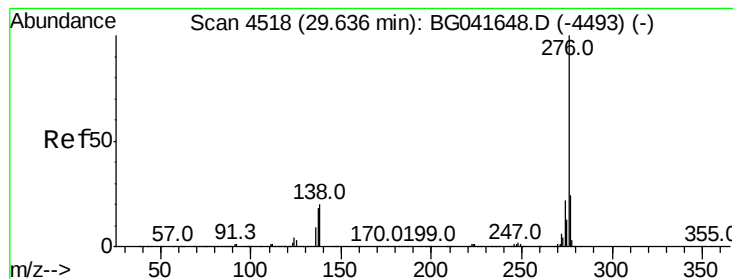
#91  
Dibenzo(a,h)anthracene  
Concen: 41.901 ng  
RT: 28.57 min Scan# 4336  
Delta R.T. -0.03 min  
Lab File: BG041694.D  
Acq: 17 Jul 2019 19:04

Tgt Ion:278 Resp: 1804274  
Ion Ratio Lower Upper  
278 100  
139 14.5 12.6 19.0  
279 24.8 20.5 30.7



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





#92

Benzo(a,h,i)perylene

Concen: 42.565 ng

RT: 29.64 min Scan# 4518

Delta R.T. -0.03 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA\_G

ClientSampleId :

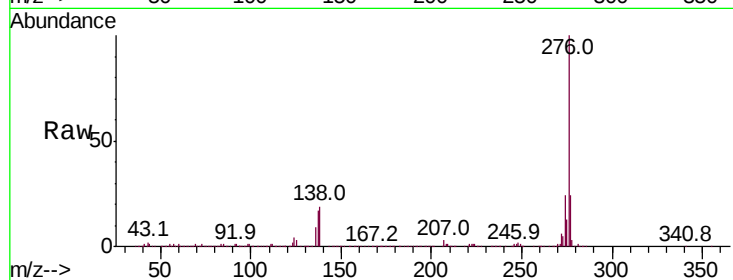
Tot Ion:276 Resp: 1836748

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 19.2 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

