

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG040720\  
 Data File : BG044969.D  
 Acq On : 8 Apr 2020 00:20  
 Operator : CG/JU  
 Sample : L2123-04MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

Quant Time: Apr 08 02:25:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 23 07:18:46 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 81596    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.85 | 136  | 312846   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.67 | 164  | 226565   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.42 | 188  | 551009   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.69 | 240  | 530085   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.90 | 264  | 571220   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 755575  | 144.15 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 981612  | 128.89 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.20  | 82  | 724838  | 101.67 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 552542  | 186.26 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.30 | 172 | 1610102 | 101.77 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.03 | 244 | 2690095 | 94.93  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 100223 | 39.71 | ng | # 47   |
| 3) Pyridine                    | 3.92  | 79  | 272719 | 36.50 | ng | # 76   |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 111349 | 39.27 | ng | # 63   |
| 6) Aniline                     | 7.37  | 93  | 201346 | 21.25 | ng | # 92   |
| 8) 2-Chlorophenol              | 7.61  | 128 | 323935 | 61.91 | ng | 92     |
| 9) Benzaldehyde                | 7.17  | 77  | 83439  | 14.35 | ng | 97     |
| 10) Phenol                     | 7.23  | 94  | 374516 | 49.67 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 308530 | 51.27 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146 | 338997 | 52.59 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 335285 | 52.62 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146 | 318872 | 52.76 | ng | 99     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 324056 | 53.03 | ng | 89     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 291286 | 27.43 | ng | 82     |
| 17) 2-Methylphenol             | 8.48  | 107 | 279901 | 54.80 | ng | 99     |
| 18) Hexachloroethane           | 9.13  | 117 | 124512 | 49.63 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 263533 | 49.01 | ng | # 86   |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 385792 | 54.80 | ng | 99     |
| 22) Acetophenone               | 8.86  | 105 | 487694 | 55.03 | ng | # 93   |
| 24) Nitrobenzene               | 9.24  | 77  | 397063 | 53.68 | ng | 96     |
| 25) Isophorone                 | 9.77  | 82  | 738344 | 53.06 | ng | 98     |
| 26) 2-Nitrophenol              | 9.96  | 139 | 173531 | 65.32 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122 | 295008 | 65.10 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.25 | 93  | 426329 | 51.34 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162 | 334958 | 63.29 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180 | 357024 | 56.42 | ng | 94     |
| 31) Naphthalene                | 10.90 | 128 | 983669 | 56.76 | ng | 100    |
| 32) Benzoic acid               | 10.17 | 122 | 192217 | 53.15 | ng | 97     |
| 33) 4-Chloroaniline            | 11.00 | 127 | 26411  | 3.38  | ng | # 88   |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 237398 | 57.04 | ng | 94     |
| 35) Caprolactam                | 11.77 | 113 | 50287  | 25.10 | ng | # 62   |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 381549 | 60.45 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 740914 | 57.15 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.72 | 142 | 706684 | 57.98 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 399343 | 53.52 | ng | 99     |

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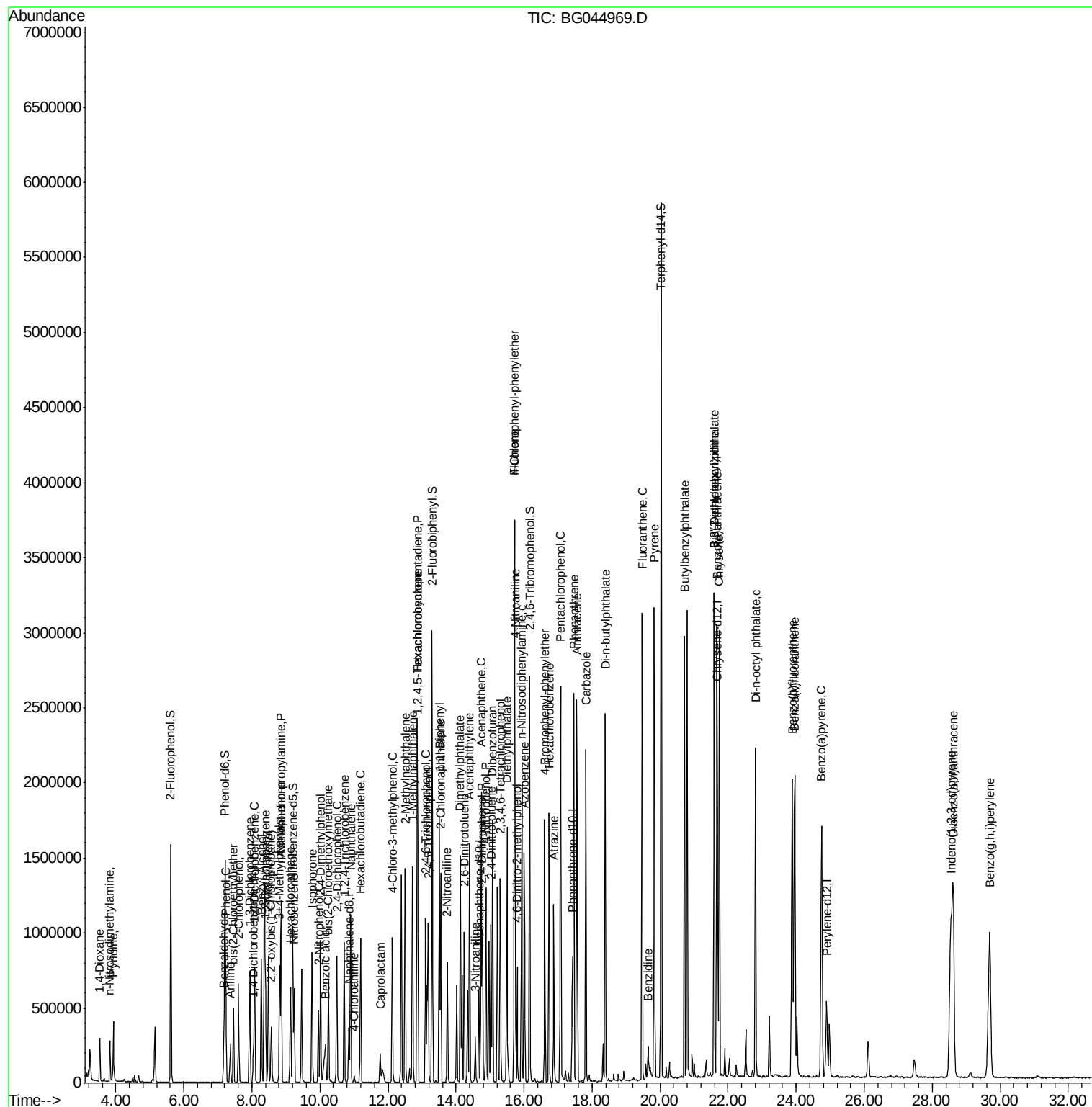
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 530471   | 130.09 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.11 | 196  | 297593   | 60.10  | ng    | 95       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 319045   | 62.13  | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 927006   | 51.20  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.55 | 162  | 731363   | 52.88  | ng    | 96       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 232145   | 47.94  | ng    | 85       |
| 49) Acenaphthylene             | 14.40 | 152  | 1212716  | 55.97  | ng    | 98       |
| 50) Dimethylphthalate          | 14.13 | 163  | 1057120  | 58.58  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.24 | 165  | 231119   | 63.54  | ng    | 94       |
| 52) Acenaphthene               | 14.74 | 154  | 781491   | 55.07  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.57 | 138  | 86785    | 20.75  | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 267876   | 134.60 | ng    | 96       |
| 55) Dibenzofuran               | 15.07 | 168  | 1170055  | 56.86  | ng    | 98       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 379594   | 118.94 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 15.03 | 165  | 334558   | 67.07  | ng    | 95       |
| 58) Fluorene                   | 15.73 | 166  | 986518   | 58.28  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 312167   | 66.03  | ng    | 97       |
| 60) Diethylphthalate           | 15.50 | 149  | 1050920  | 55.84  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204  | 537481   | 58.97  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.74 | 138  | 221772   | 49.73  | ng    | 95       |
| 63) Azobenzene                 | 16.01 | 77   | 1013647  | 51.86  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 200863   | 72.72  | ng    | 89       |
| 66) n-Nitrosodiphenylamine     | 15.93 | 169  | 854896   | 51.53  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.61 | 248  | 387650   | 56.28  | ng    | 95       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 412241   | 55.16  | ng    | 98       |
| 69) Atrazine                   | 16.88 | 200  | 246014   | 40.48  | ng    | 99       |
| 70) Pentachlorophenol          | 17.08 | 266  | 548437   | 133.38 | ng    | 99       |
| 71) Phenanthrene               | 17.47 | 178  | 1623825  | 55.15  | ng    | 97       |
| 72) Anthracene                 | 17.55 | 178  | 1659021  | 57.14  | ng    | 98       |
| 73) Carbazole                  | 17.82 | 167  | 1510569  | 54.16  | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.39 | 149  | 1827856  | 53.91  | ng    | 98       |
| 75) Fluoranthene               | 19.47 | 202  | 2022617  | 57.69  | ng    | 98       |
| 77) Benzidine                  | 19.64 | 184  | 273255   | 15.88  | ng    | 97       |
| 78) Pyrene                     | 19.83 | 202  | 2007196  | 51.61  | ng    | 96       |
| 80) Butylbenzylphthalate       | 20.72 | 149  | 861070   | 49.77  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.67 | 228  | 1957067  | 51.27  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 260023   | 17.61  | ng    | 97       |
| 83) Chrysene                   | 21.74 | 228  | 1864521  | 51.14  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.59 | 149  | 1202444  | 50.36  | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.81 | 149  | 2028851  | 50.77  | ng    | # 93     |
| 86) Indeno(1,2,3-cd)pyrene     | 28.54 | 276  | 2580812  | 53.99  | ng    | # 98     |
| 88) Benzo(b)fluoranthene       | 23.89 | 252  | 2176961  | 57.73  | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 23.96 | 252  | 2013494  | 56.42  | ng    | 97       |
| 90) Benzo(a)pyrene             | 24.75 | 252  | 1963017  | 55.63  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.61 | 278  | 2058545  | 59.13  | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.69 | 276  | 2101590  | 59.75  | ng    | 99       |

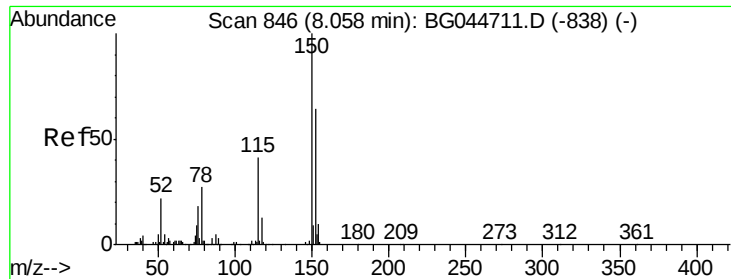
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

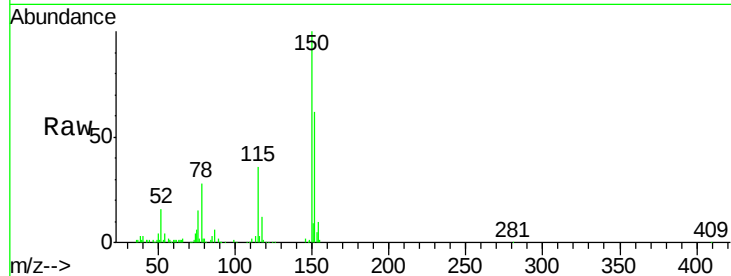
Tgt Ion:152 Resp: 81596

Ion Ratio Lower Upper

152 100

150 160.9 128.8 193.2

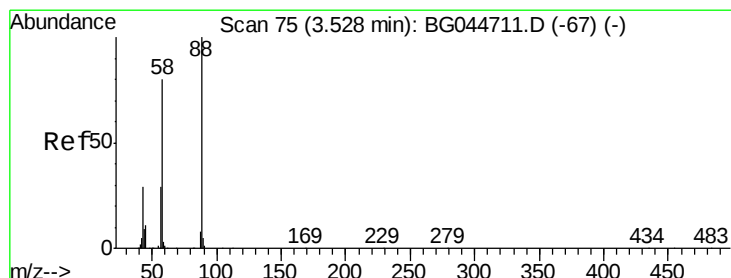
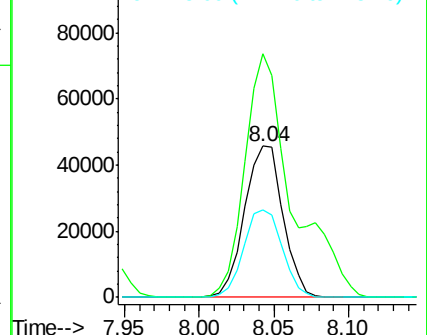
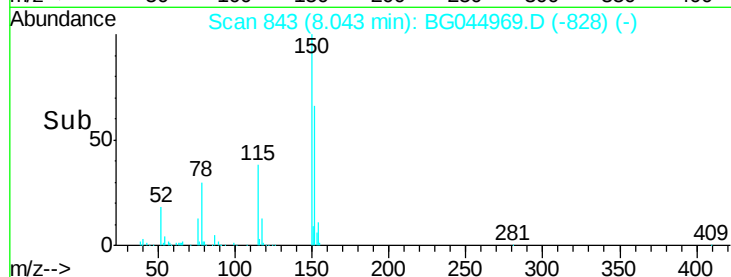
115 58.0 52.6 79.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.71 ng

RT: 3.53 min Scan# 74

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

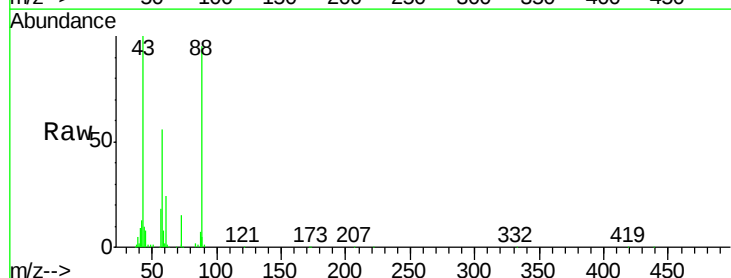
Tgt Ion: 88 Resp: 100223

Ion Ratio Lower Upper

88 100

58 58.8 63.0 94.4#

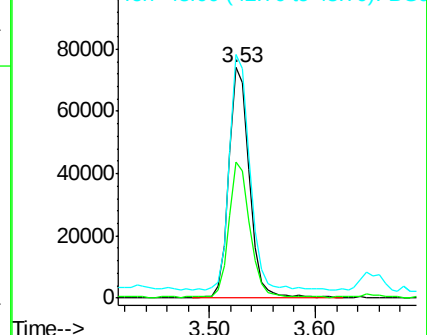
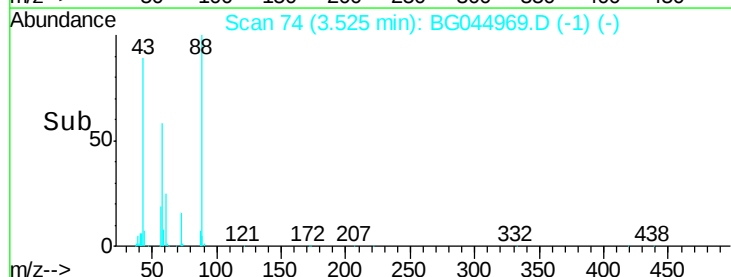
43 103.3 24.8 37.2#

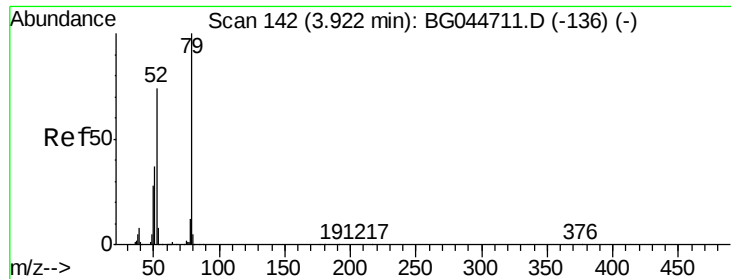


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.50 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

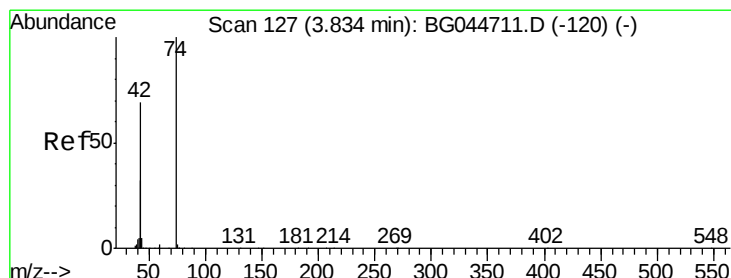
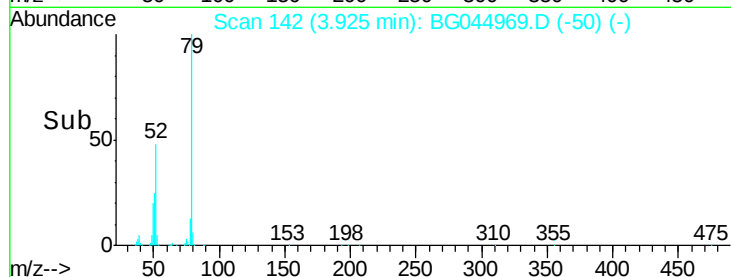
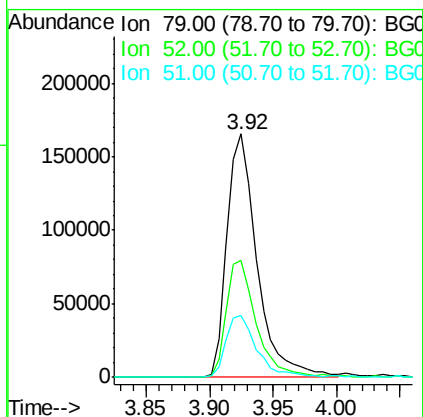
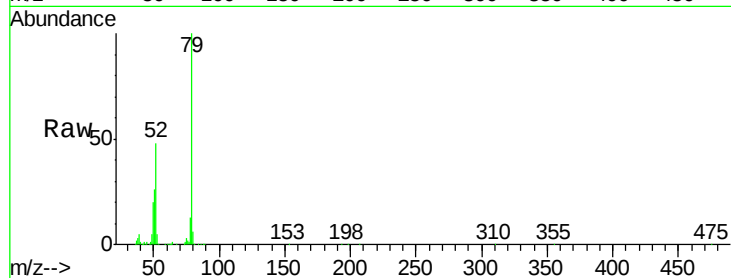
Tgt Ion: 79 Resp: 272719

Ion Ratio Lower Upper

79 100

52 48.0 56.3 84.5#

51 25.6 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 39.27 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

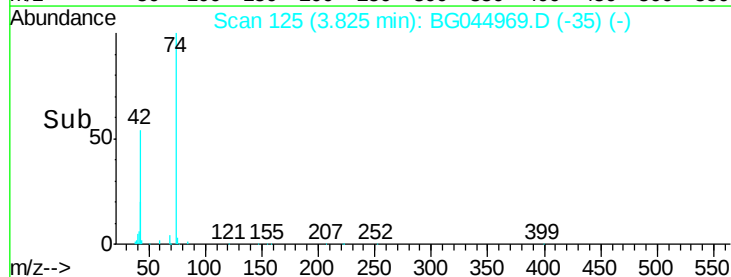
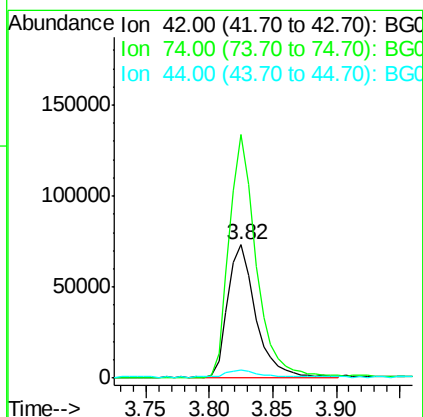
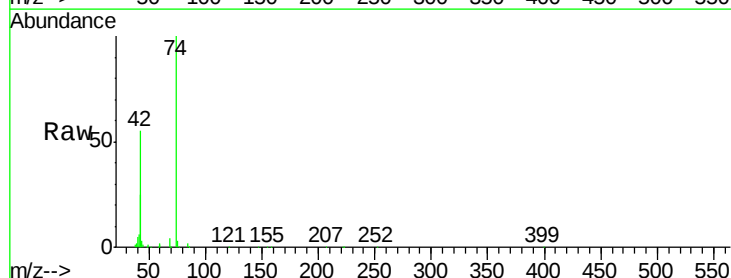
Tgt Ion: 42 Resp: 111349

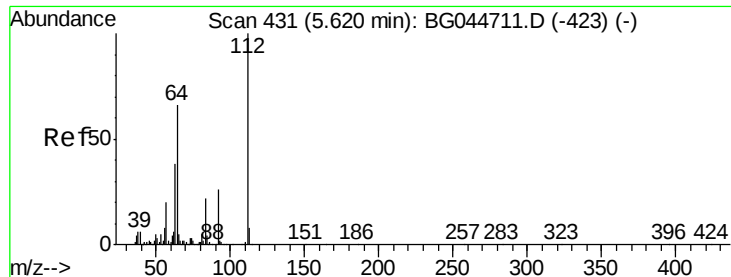
Ion Ratio Lower Upper

42 100

74 183.0 109.1 163.7#

44 5.9 5.4 8.2





#5

2-Fluorophenol

Concen: 144.15 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

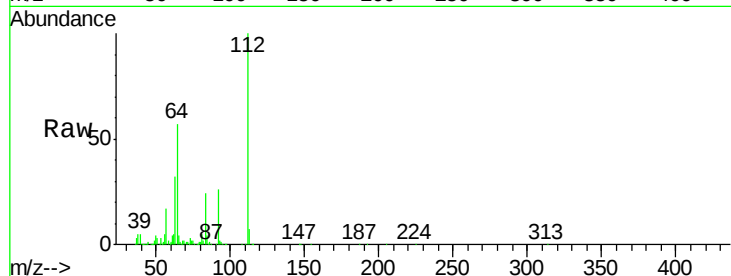
Tgt Ion: 112 Resp: 755575

Ion Ratio Lower Upper

112 100

64 57.3 53.4 80.2

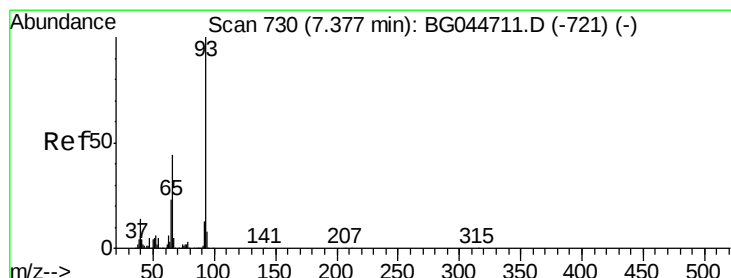
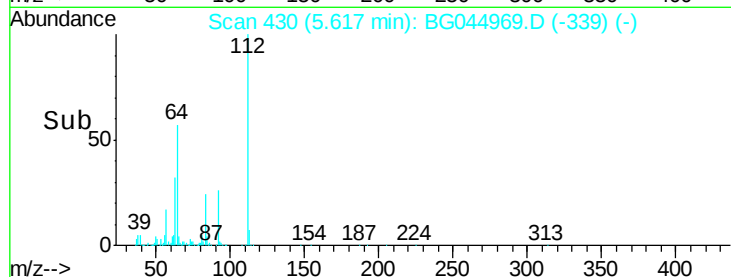
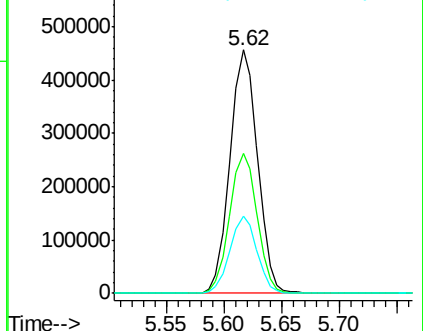
63 31.8 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.25 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

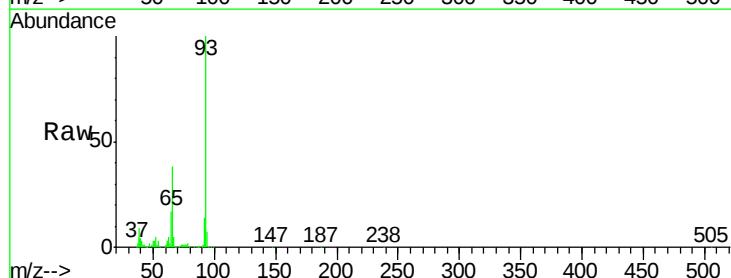
Tgt Ion: 93 Resp: 201346

Ion Ratio Lower Upper

93 100

66 37.5 33.7 50.5

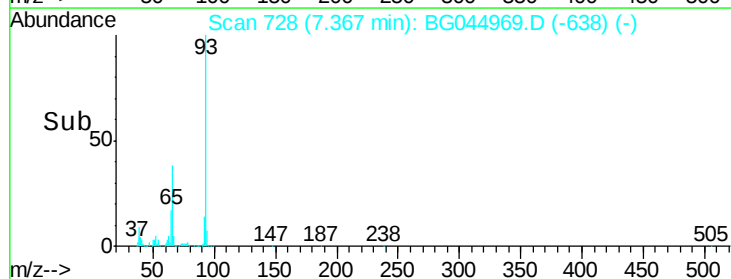
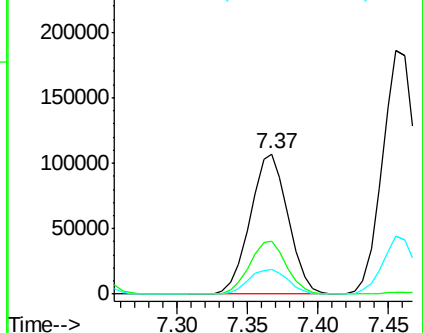
65 17.3 17.7 26.5#

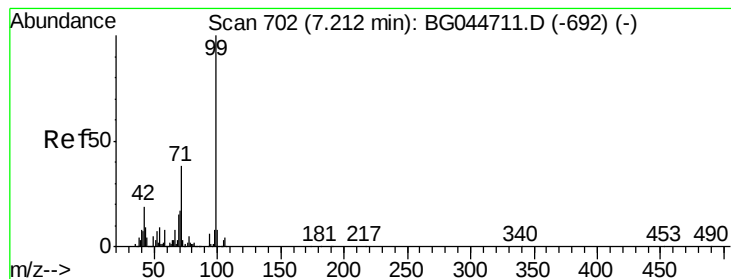


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.89 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

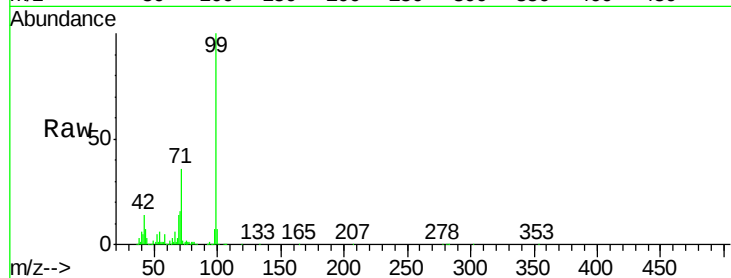
Tgt Ion: 99 Resp: 981612

Ion Ratio Lower Upper

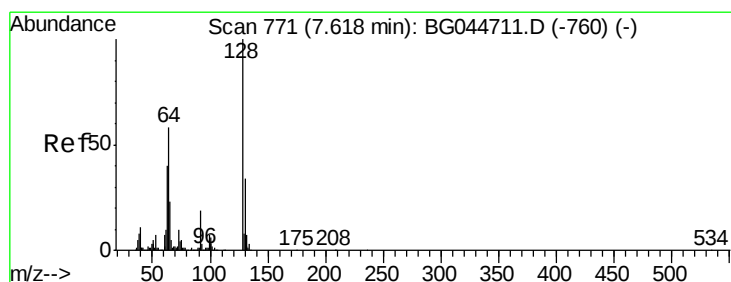
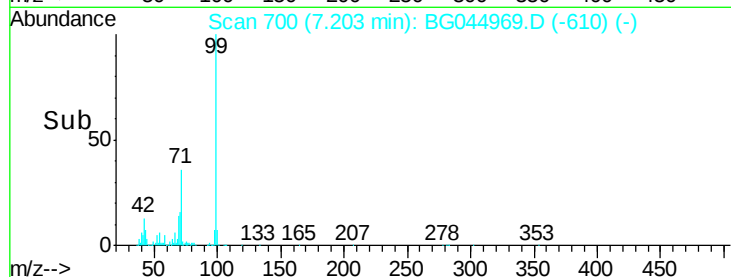
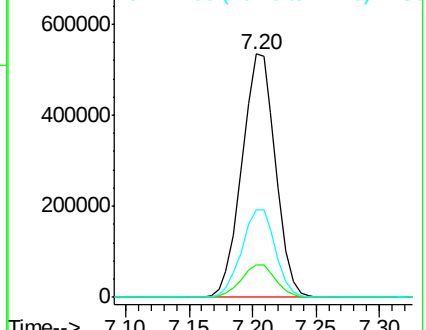
99 100

42 13.5 12.6 19.0

71 35.9 29.0 43.4



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: 61.91 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

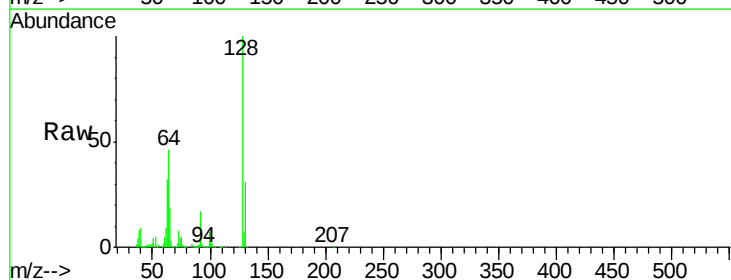
Tgt Ion: 128 Resp: 323935

Ion Ratio Lower Upper

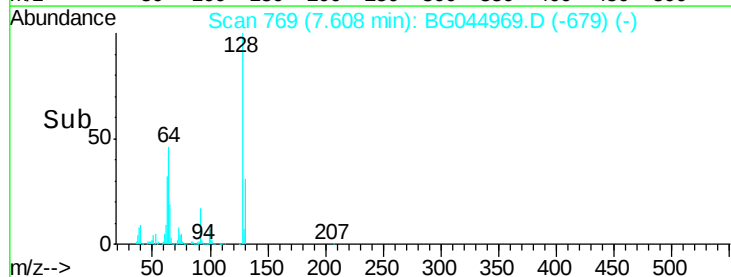
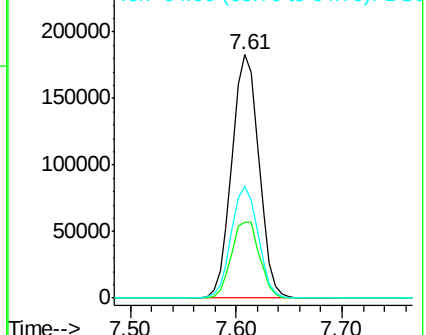
128 100

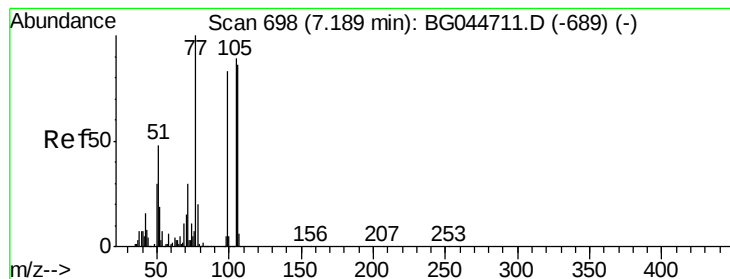
130 31.0 11.6 51.6

64 45.8 34.5 74.5



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





#9

Benzaldehyde

Concen: 14.35 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

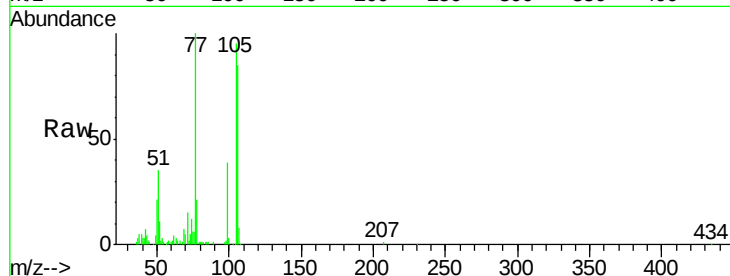
Tgt Ion: 77 Resp: 83439

Ion Ratio Lower Upper

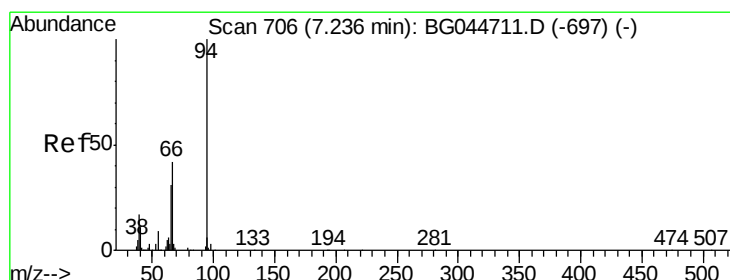
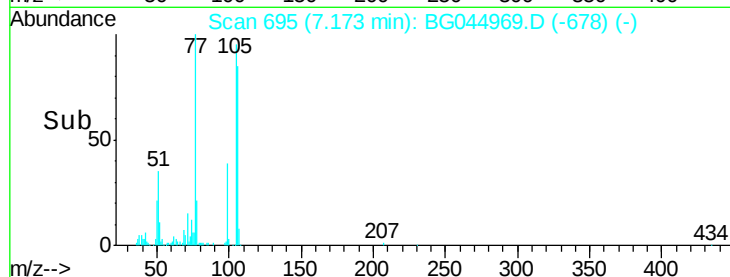
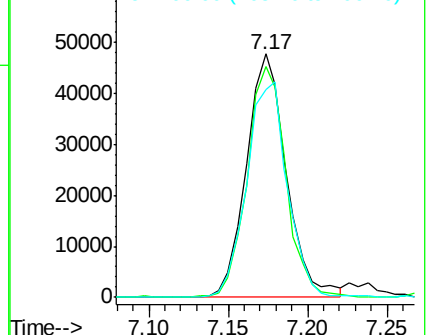
77 100

105 94.9 69.3 109.3

106 85.1 64.5 104.5



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: 49.67 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

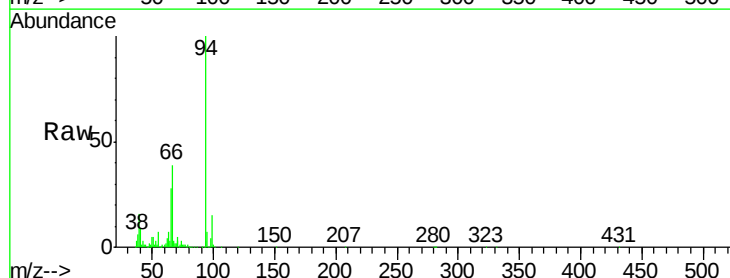
Tgt Ion: 94 Resp: 374516

Ion Ratio Lower Upper

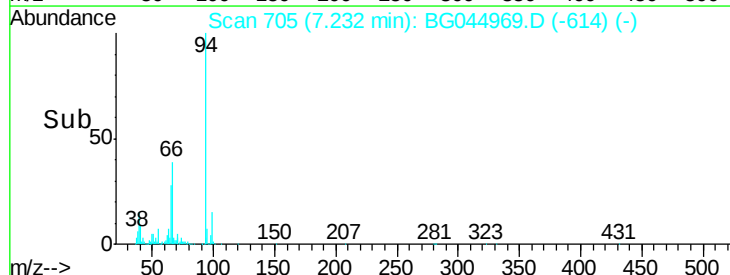
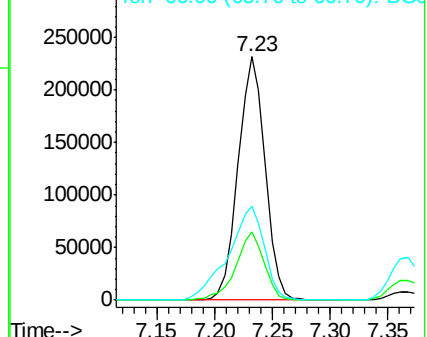
94 100

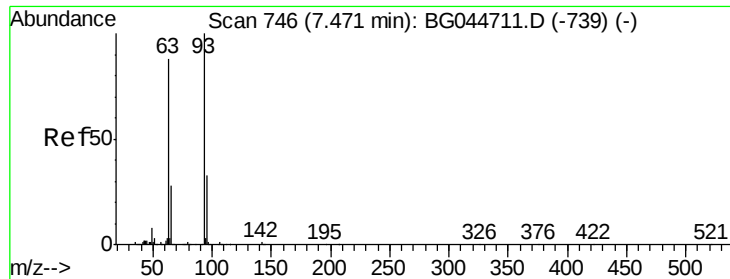
65 28.2 11.0 51.0

66 38.5 20.1 60.1



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

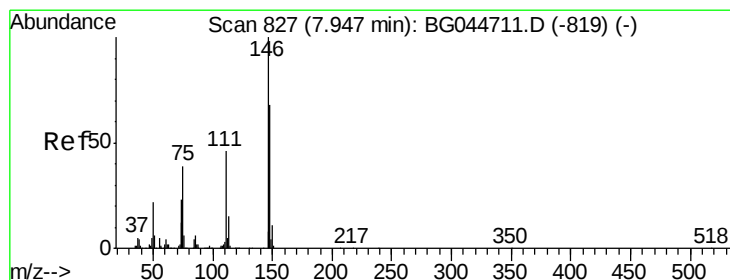
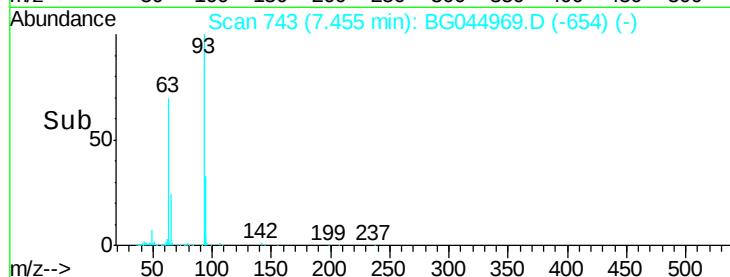
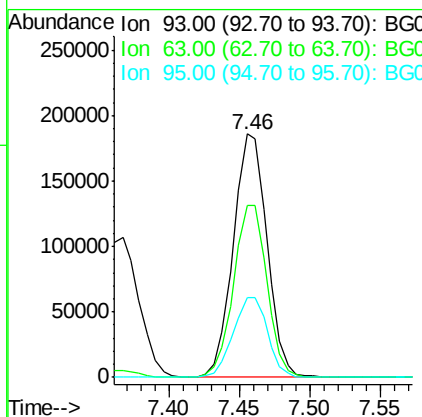
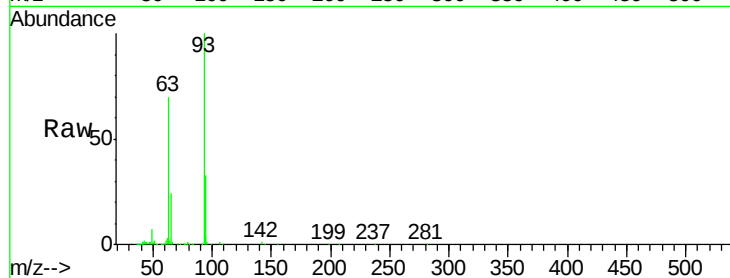




#11  
bis(2-Chloroethyl)ether  
Concen: 51.27 ng  
RT: 7.46 min Scan# 743  
Delta R.T. -0.01 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

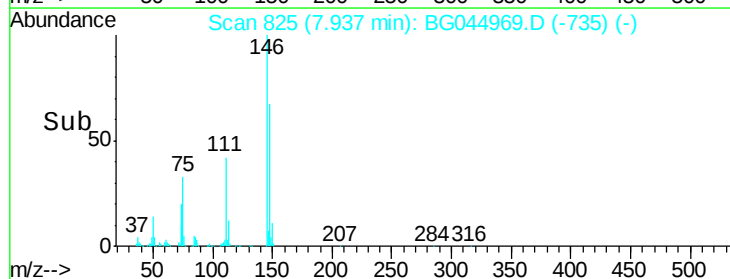
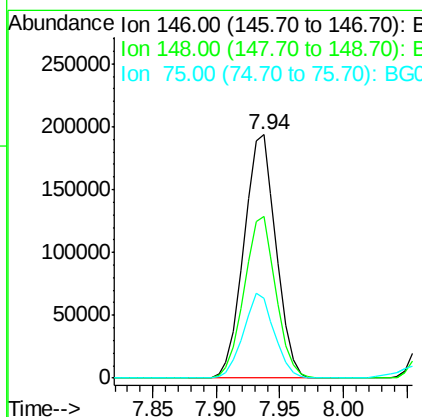
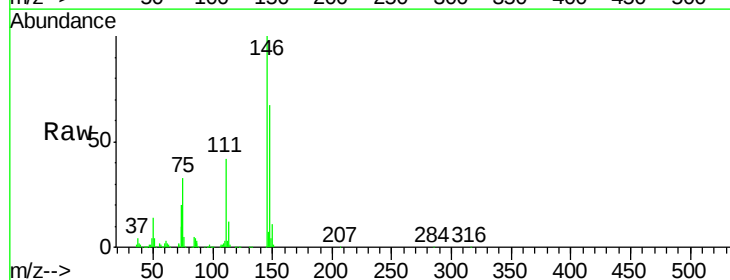
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-040320MSD

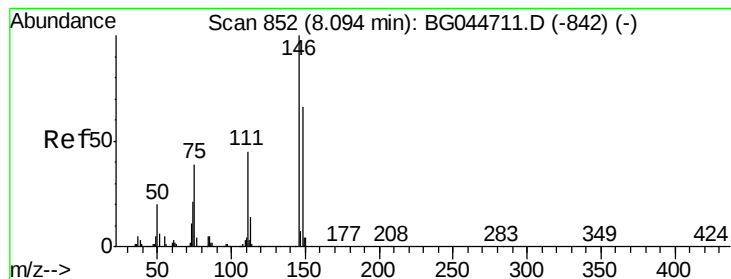
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 70.4  | 59.7  | 99.7  |
| 95      | 32.7  | 13.1  | 53.1  |



#12  
1,3-Dichlorobenzene  
Concen: 52.59 ng  
RT: 7.94 min Scan# 825  
Delta R.T. -0.00 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.6  | 54.2  | 81.4  |
| 75      | 32.8  | 28.6  | 42.8  |





#13

1,4-Dichlorobenzene

Concen: 52.62 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

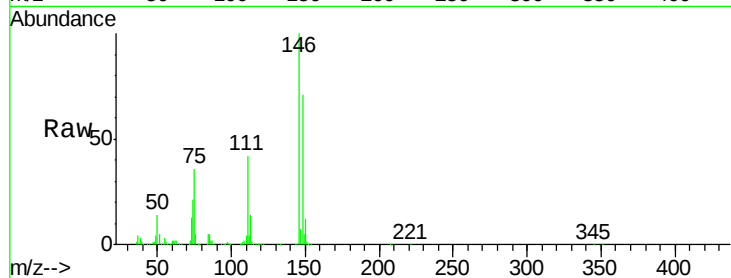
Tgt Ion:146 Resp: 335285

Ion Ratio Lower Upper

146 100

148 71.1 53.8 80.6

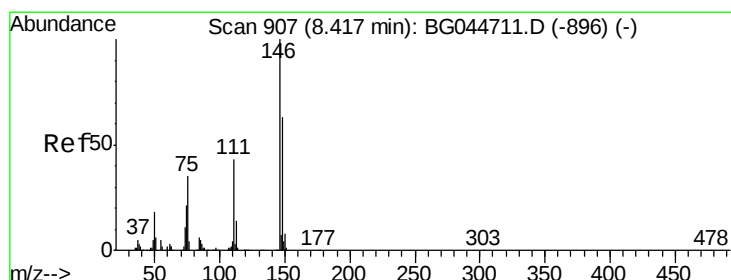
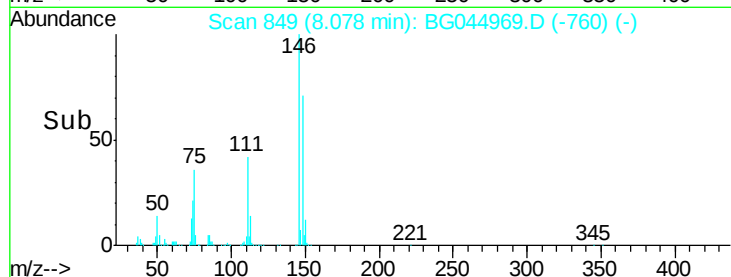
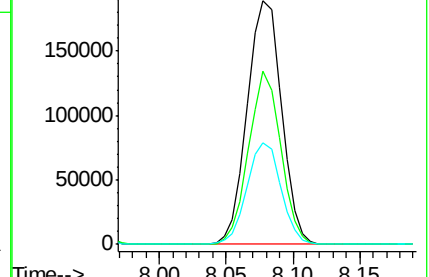
111 41.7 32.0 48.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 52.76 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

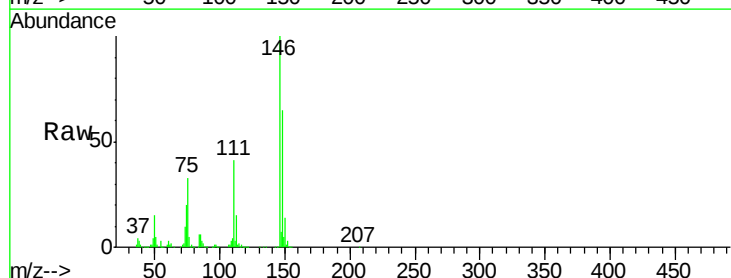
Tgt Ion:146 Resp: 318872

Ion Ratio Lower Upper

146 100

148 65.5 52.1 78.1

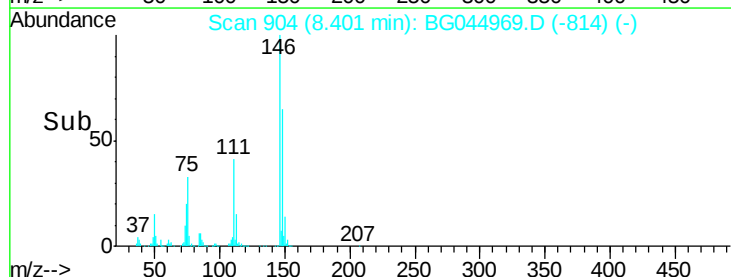
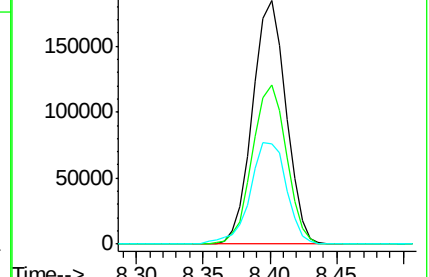
111 41.1 33.4 50.2

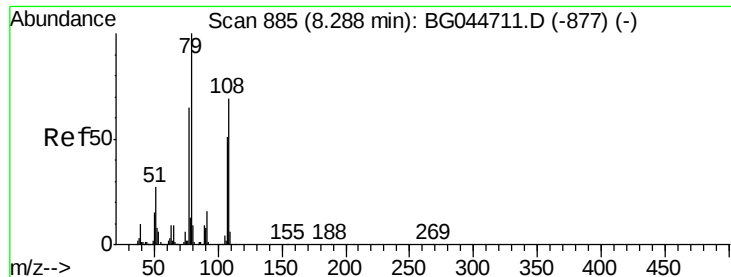


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.03 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

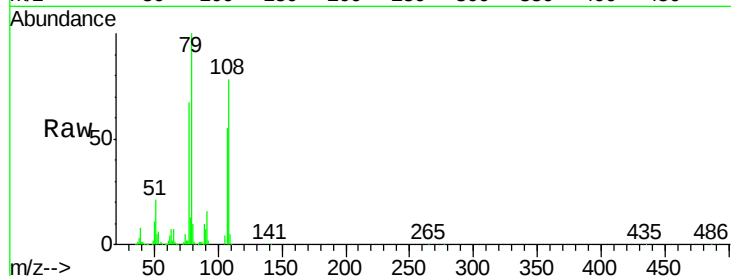
Tgt Ion: 79 Resp: 324056

Ion Ratio Lower Upper

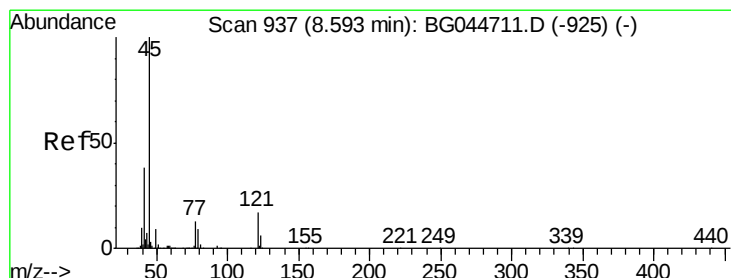
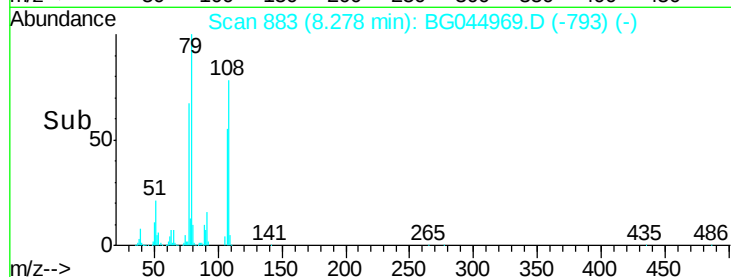
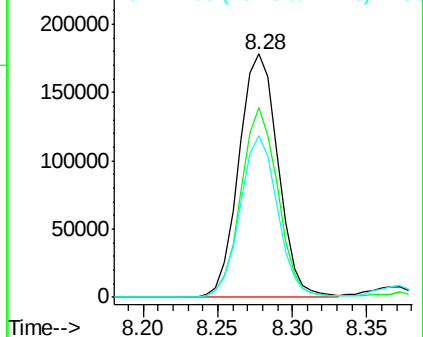
79 100

108 78.0 53.8 80.8

77 66.6 47.8 71.8



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: 27.43 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

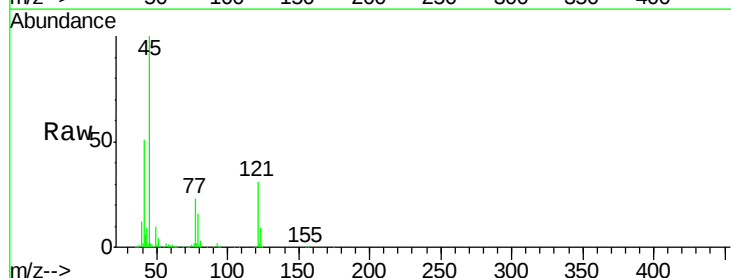
Tgt Ion: 45 Resp: 291286

Ion Ratio Lower Upper

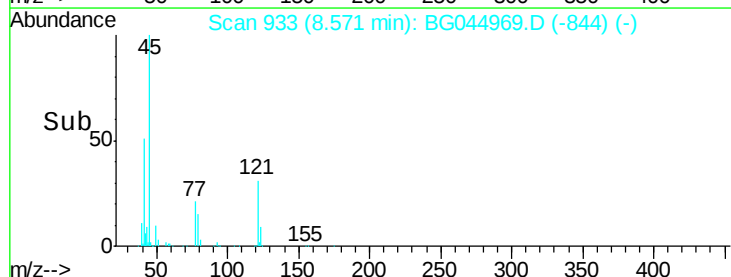
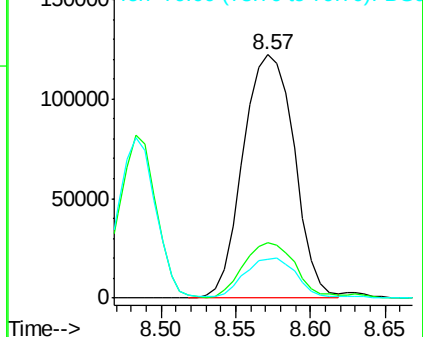
45 100

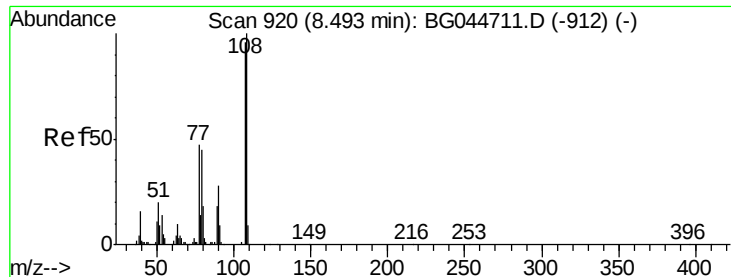
77 22.5 0.0 33.9

79 16.1 0.0 30.8



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

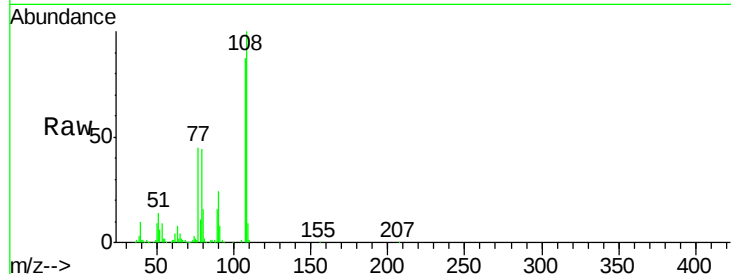




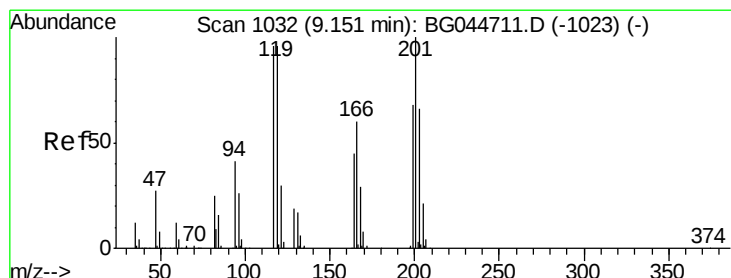
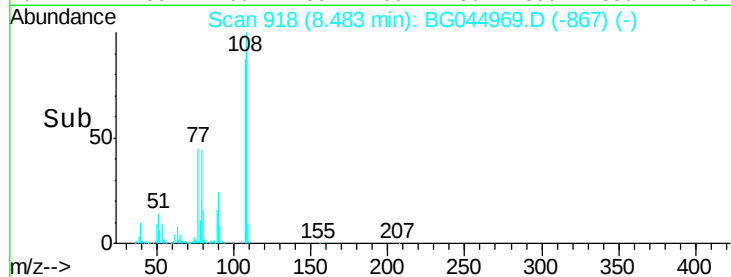
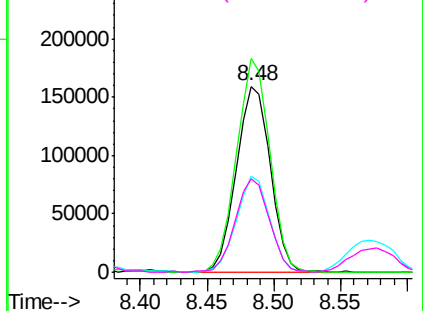
#17  
2-Methylphenol  
Concen: 54.80 ng  
RT: 8.48 min Scan# 918  
Delta R.T. -0.00 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-040320MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 279901 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.9 | 91.8  | 137.8  |
| 77       | 51.4  | 40.0  | 60.0   |
| 79       | 50.6  | 40.2  | 60.2   |

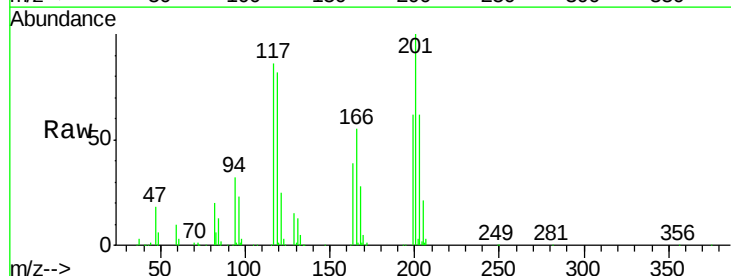


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

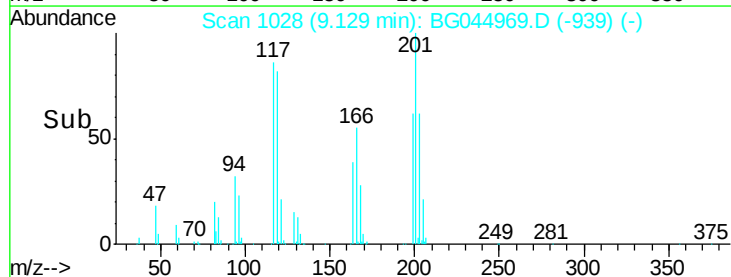
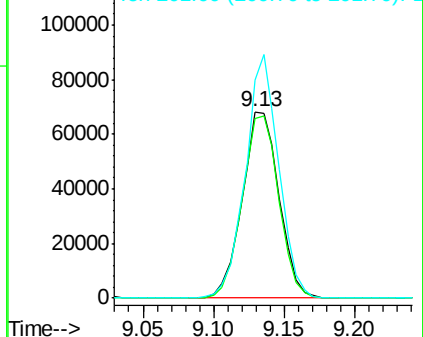


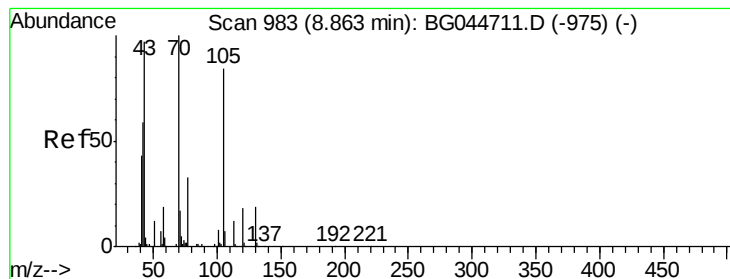
#18  
Hexachloroethane  
Concen: 49.63 ng  
RT: 9.13 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 124512 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.1  | 75.2  | 112.8  |
| 201      | 116.9 | 81.1  | 121.7  |



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: 49.01 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

Tgt Ion: 70 Resp: 263533

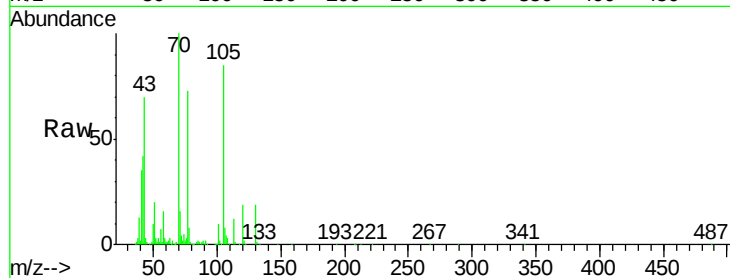
Ion Ratio Lower Upper

70 100

42 42.3 45.7 68.5#

101 9.6 7.4 11.2

130 18.7 15.9 23.9

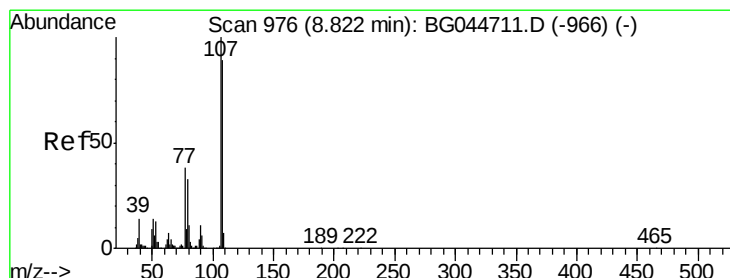
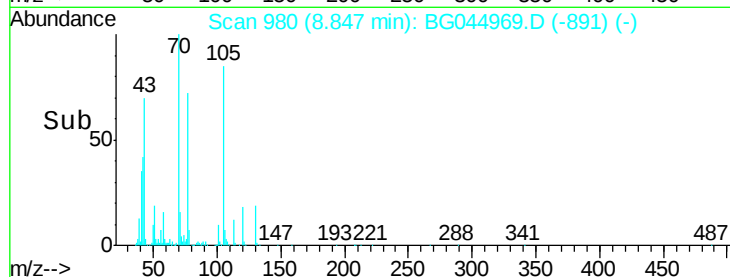
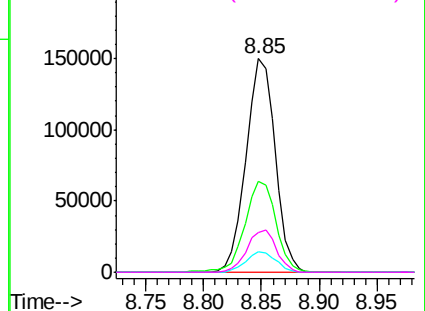


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 54.80 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion: 107 Resp: 385792

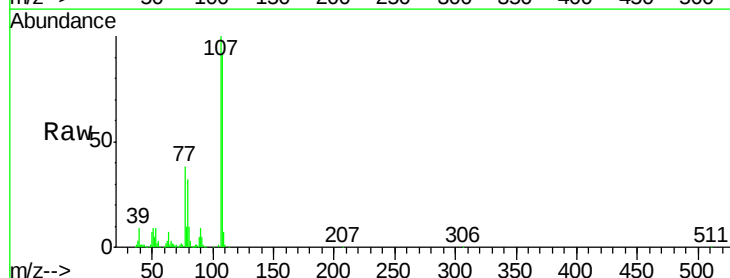
Ion Ratio Lower Upper

107 100

108 91.6 71.3 111.3

77 38.0 16.9 56.9

79 31.9 9.7 49.7

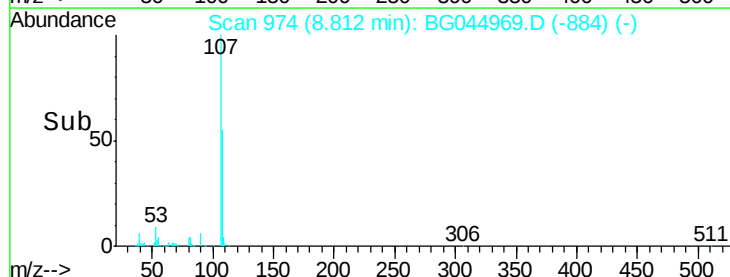
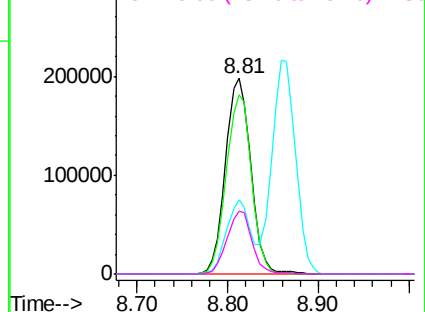


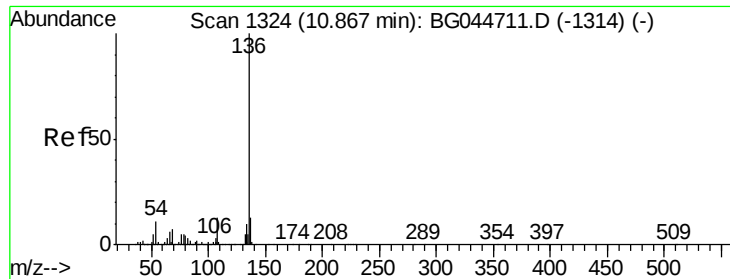
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

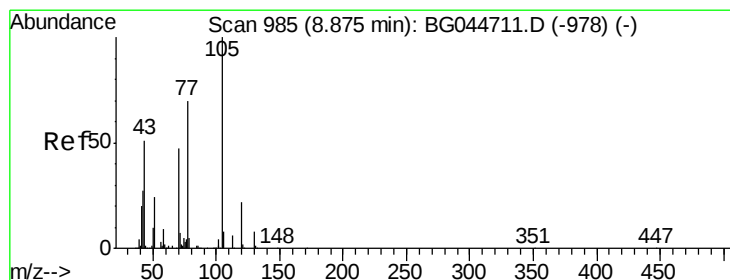
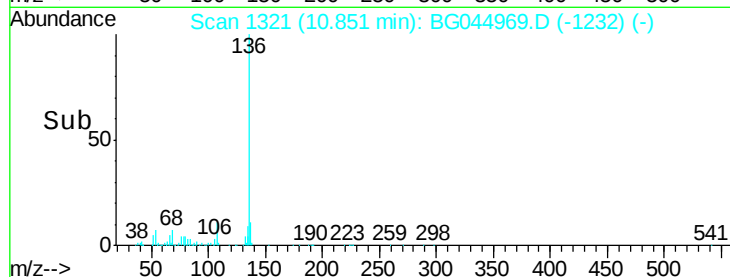
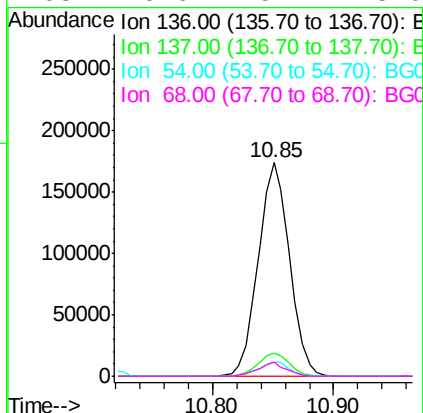
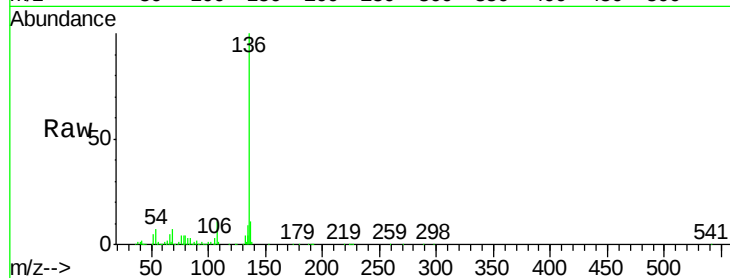




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

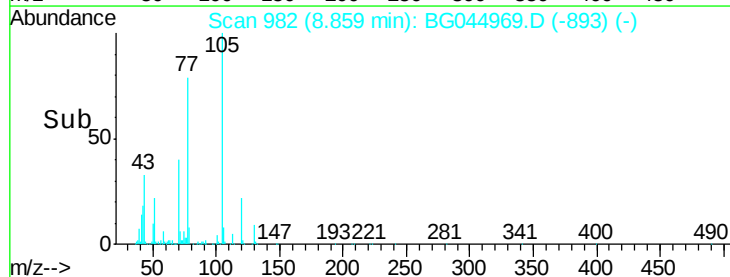
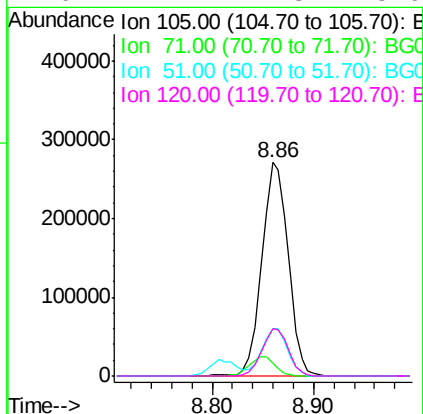
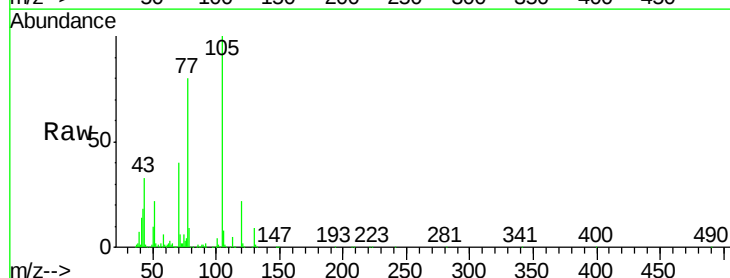
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-040320MSD

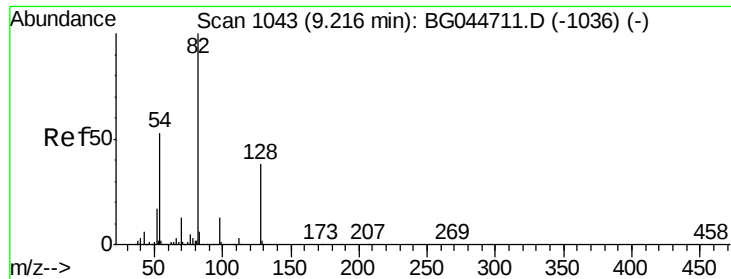
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 312846 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 9.8   | 14.6   |
| 54       | 6.7   | 7.9   | 11.9#  |
| 68       | 6.6   | 5.4   | 8.0    |



#22  
Acetophenone  
Concen: 55.03 ng  
RT: 8.86 min Scan# 982  
Delta R.T. -0.01 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 487694 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 5.9   | 3.9   | 5.9#   |
| 51       | 21.9  | 22.6  | 33.8#  |
| 120      | 22.1  | 17.3  | 25.9   |

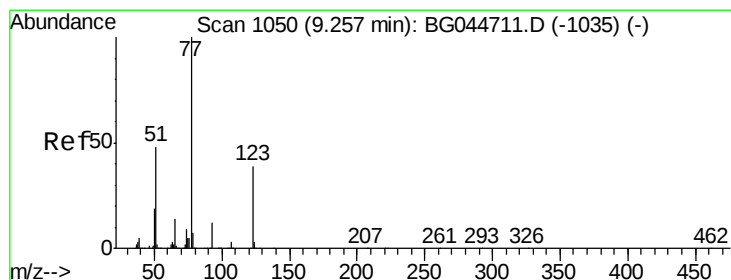
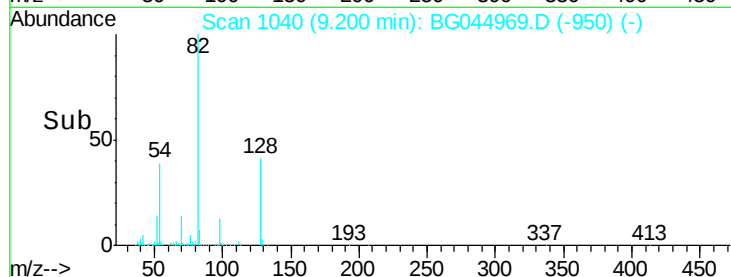
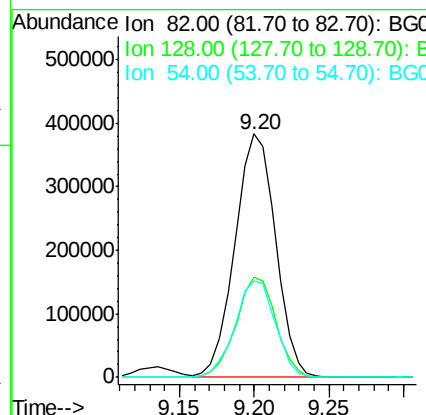
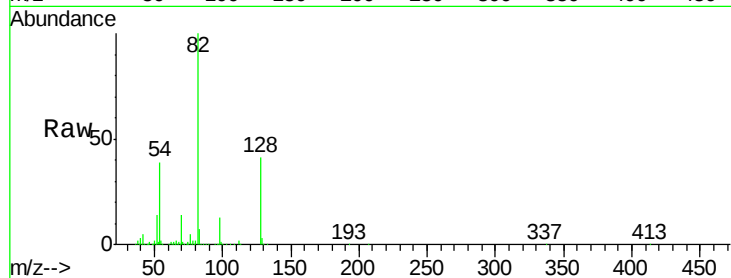




#23  
 Nitrobenzene-d5  
 Concen: 101.67 ng  
 RT: 9.20 min Scan# 1040  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

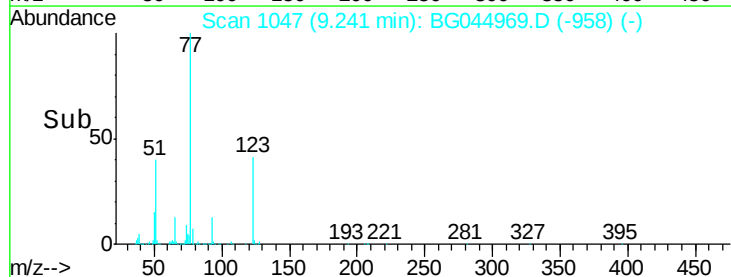
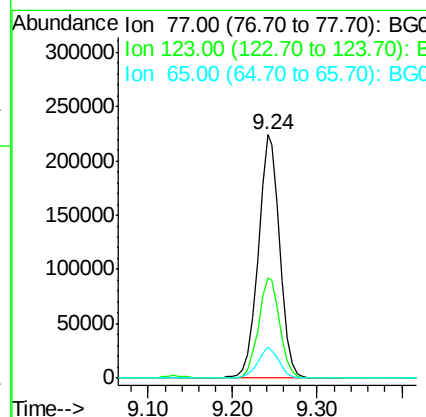
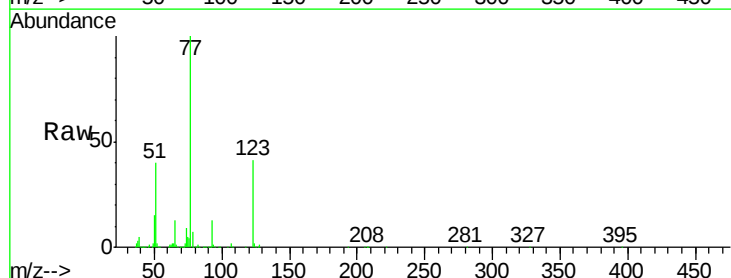
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

Tgt Ion: 82 Resp: 724838  
 Ion Ratio Lower Upper  
 82 100  
 128 41.0 30.6 46.0  
 54 39.4 37.1 55.7



#24  
 Nitrobenzene  
 Concen: 53.68 ng  
 RT: 9.24 min Scan# 1047  
 Delta R.T. -0.01 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

Tgt Ion: 77 Resp: 397063  
 Ion Ratio Lower Upper  
 77 100  
 123 41.3 31.3 46.9  
 65 12.8 11.4 17.0





#25

Isophorone

Concen: 53.06 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

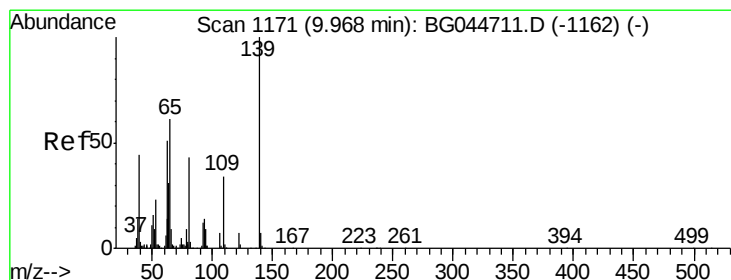
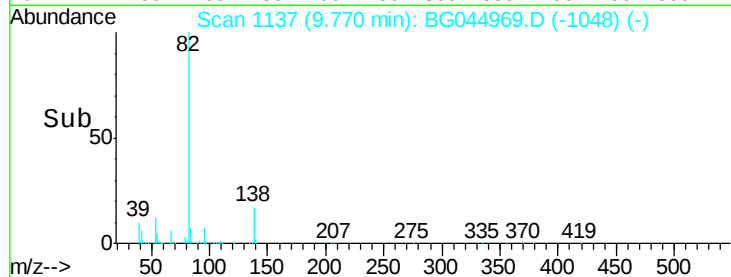
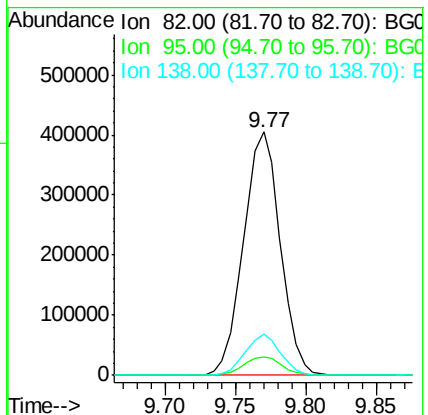
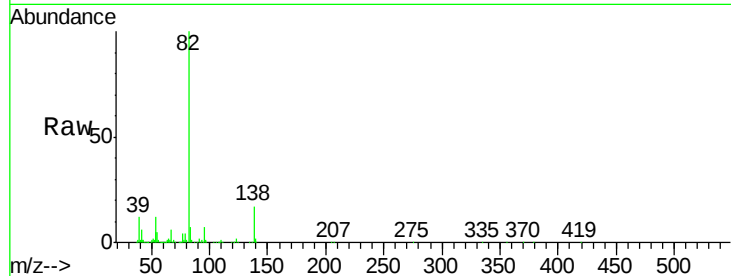
Tgt Ion: 82 Resp: 738344

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

138 16.8 12.5 18.7



#26

2-Nitrophenol

Concen: 65.32 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

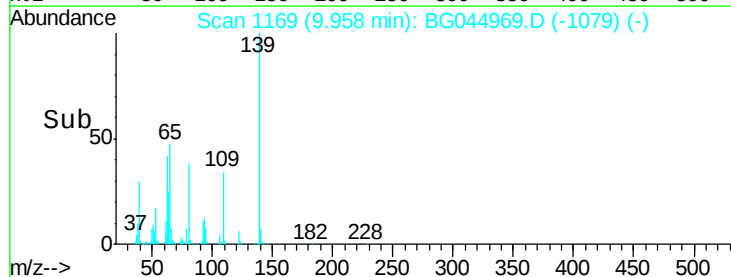
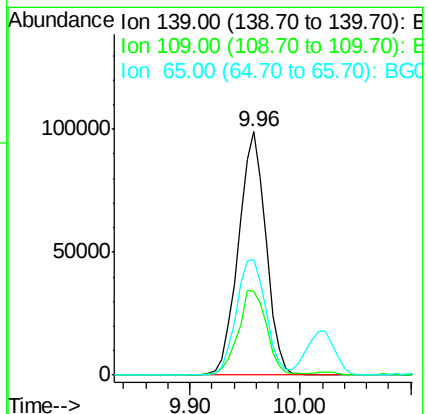
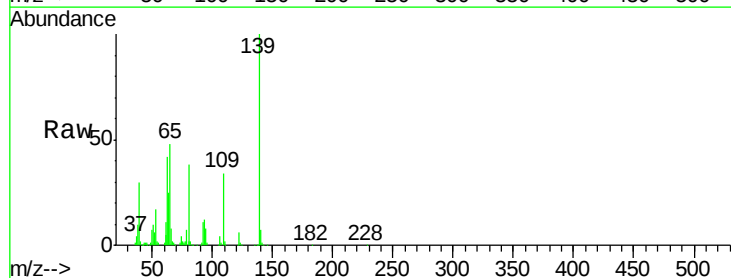
Tgt Ion: 139 Resp: 173531

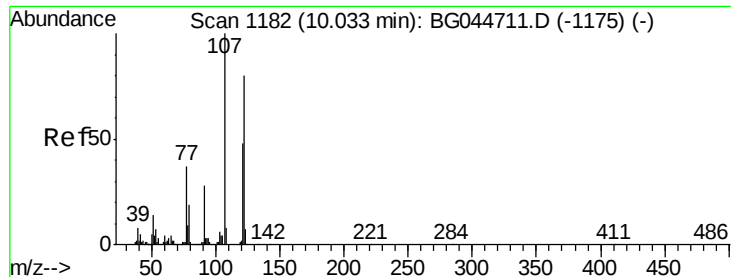
Ion Ratio Lower Upper

139 100

109 34.5 30.2 45.4

65 47.5 46.3 69.5





#27

2,4-Dimethylphenol

Concen: 65.10 ng

RT: 10.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

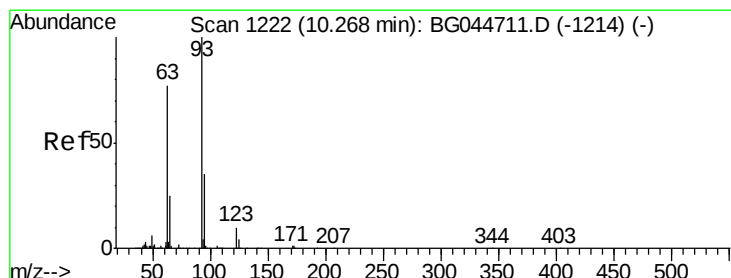
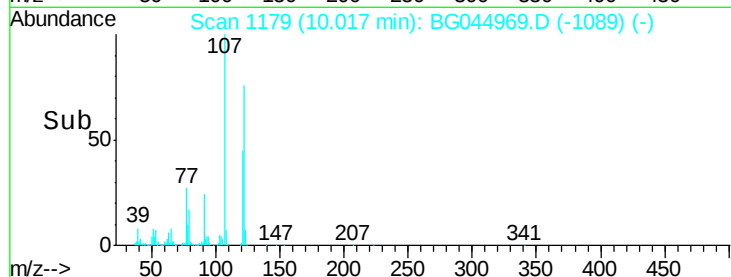
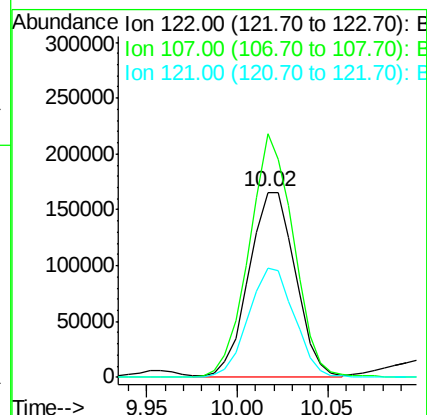
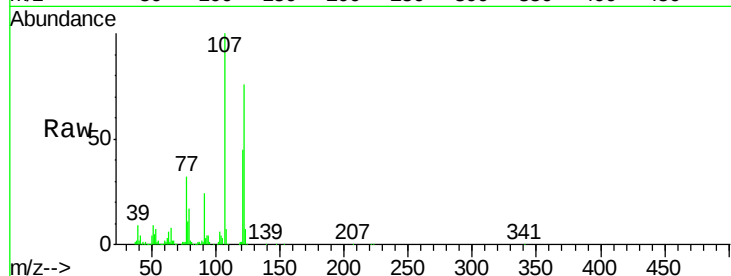
Tgt Ion:122 Resp: 295008

Ion Ratio Lower Upper

122 100

107 131.5 107.1 160.7

121 59.2 46.8 70.2



#28

bis(2-Chloroethoxy)methane

Concen: 51.34 ng

RT: 10.25 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

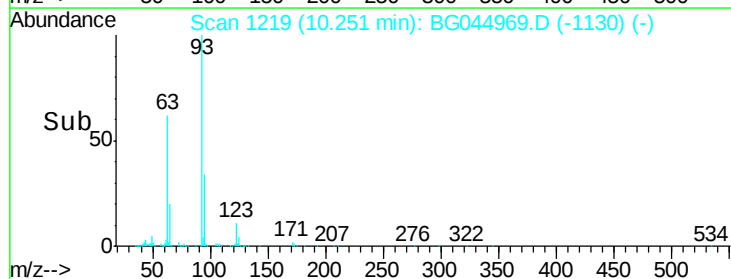
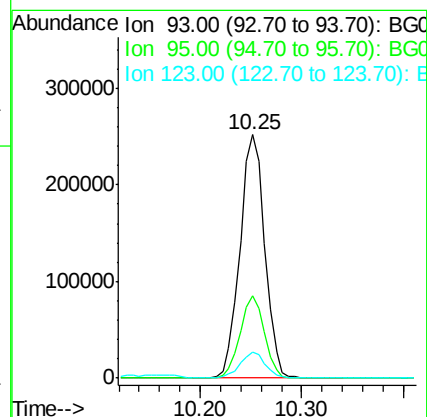
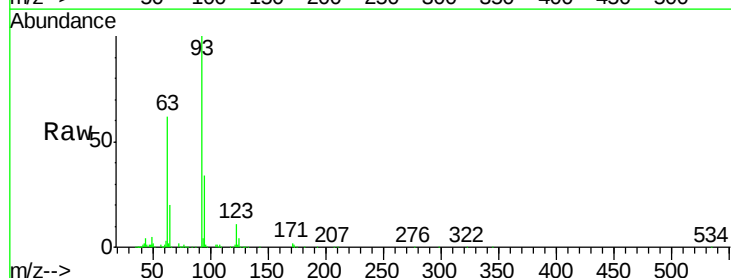
Tgt Ion: 93 Resp: 426329

Ion Ratio Lower Upper

93 100

95 34.0 26.4 39.6

123 10.8 8.4 12.6

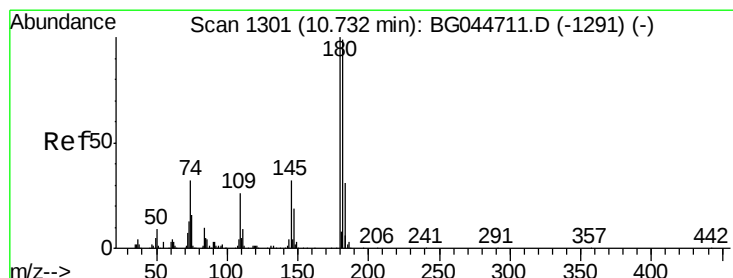
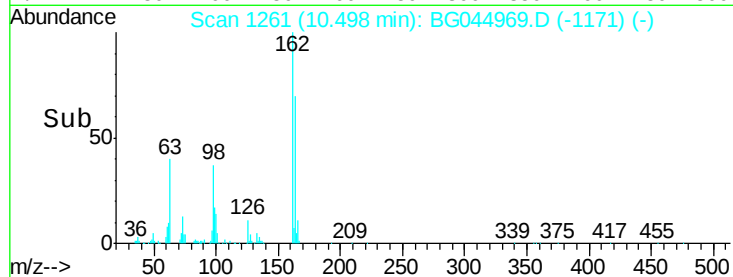
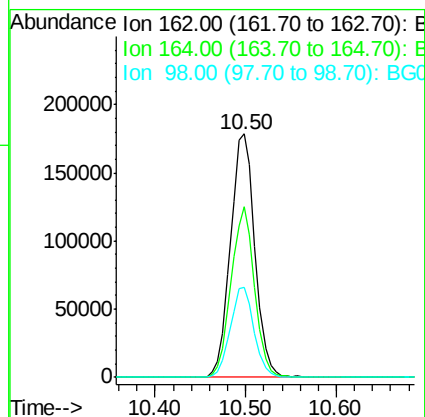
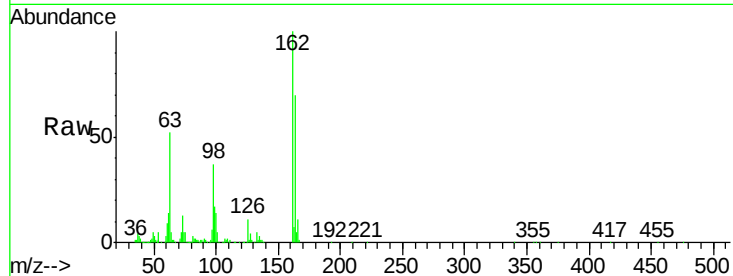




#29  
 2,4-Dichlorophenol  
 Concen: 63.29 ng  
 RT: 10.50 min Scan# 1261  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

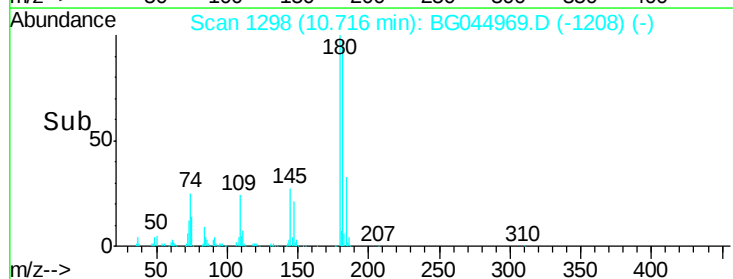
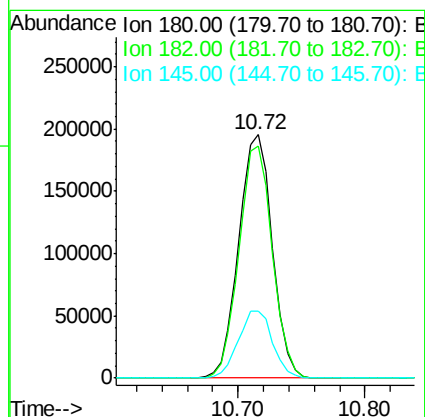
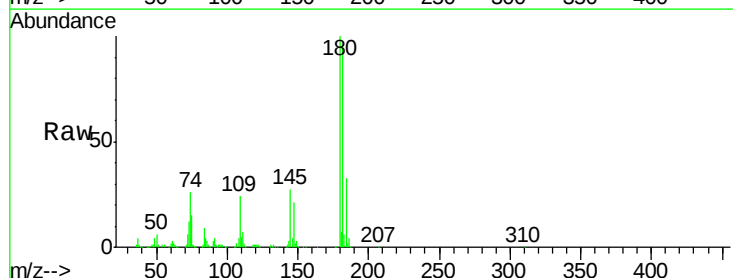
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

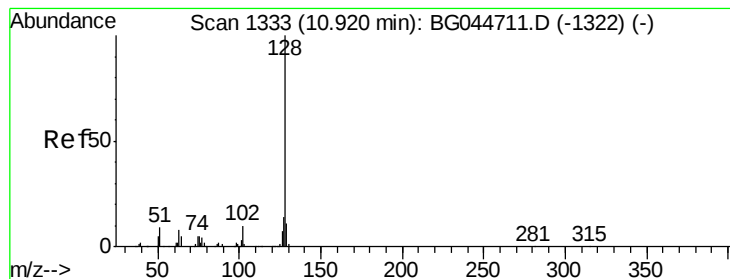
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 70.0  | 45.2  | 85.2  |
| 98      | 37.0  | 19.0  | 59.0  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 56.42 ng  
 RT: 10.72 min Scan# 1298  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.6  | 71.6  | 107.4 |
| 145     | 27.4  | 23.4  | 35.0  |

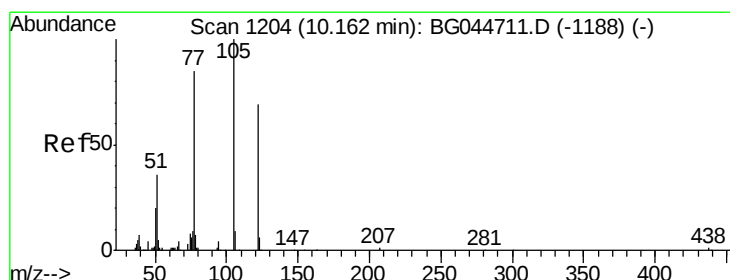
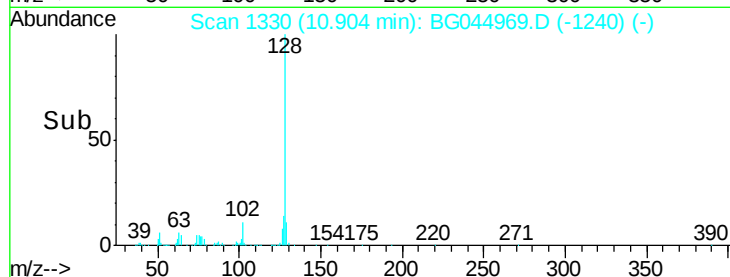
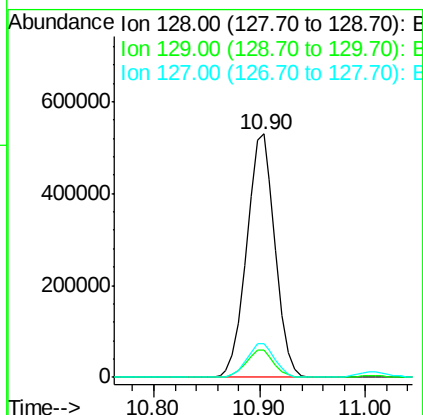
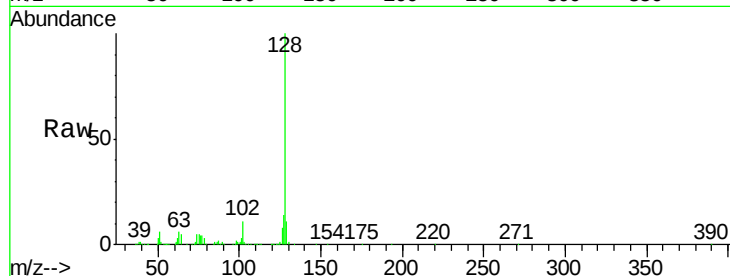




#31  
Naphthalene  
Concen: 56.76 ng  
RT: 10.90 min Scan# 1330  
Delta R.T. -0.00 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

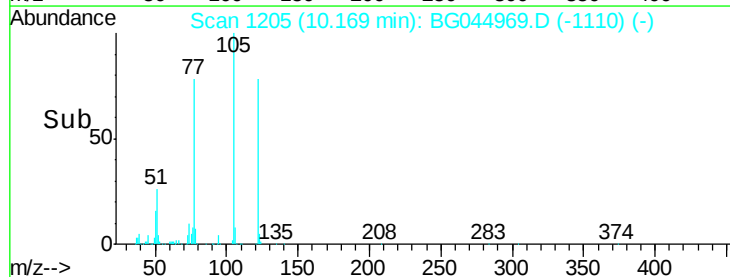
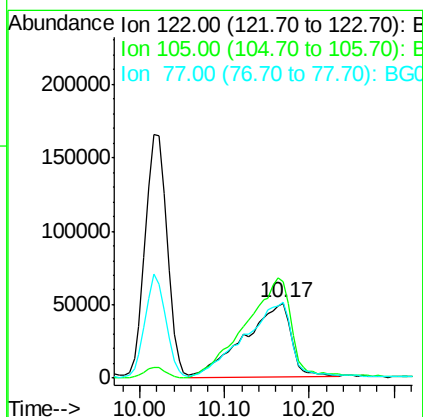
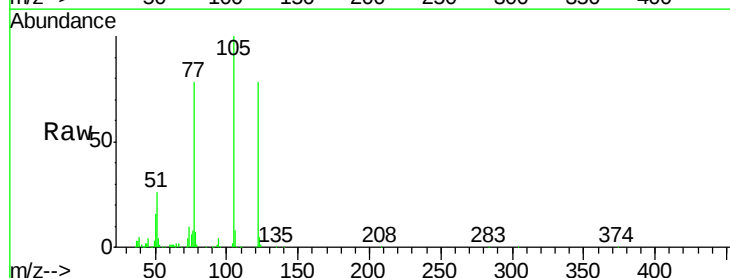
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-040320MSD

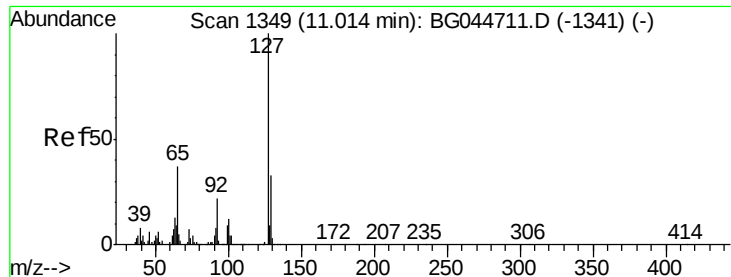
Tgt Ion:128 Resp: 983669  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.4  
127 13.8 10.8 16.2



#32  
Benzoic acid  
Concen: 53.15 ng  
RT: 10.17 min Scan# 1205  
Delta R.T. 0.03 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

Tgt Ion:122 Resp: 192217  
Ion Ratio Lower Upper  
122 100  
105 128.3 109.1 149.1  
77 100.3 85.3 125.3

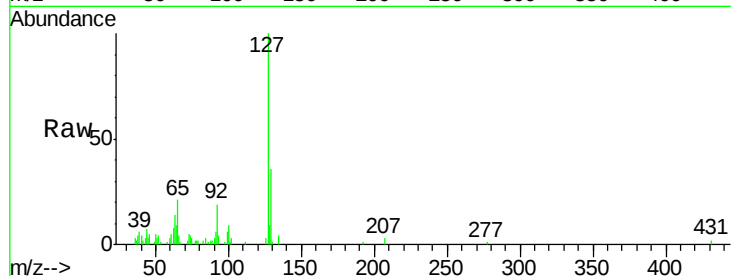




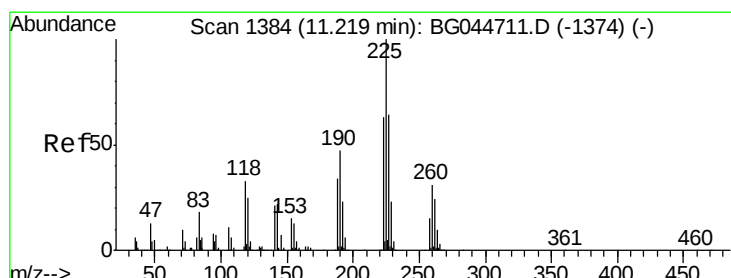
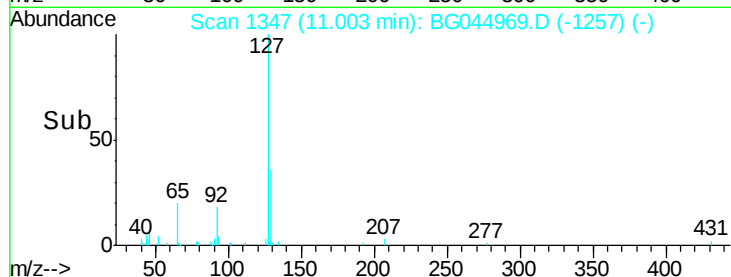
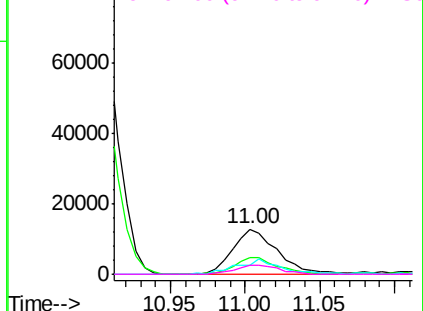
#33  
4-Chloroaniline  
Concen: 3.38 ng  
RT: 11.00 min Scan# 1347  
Delta R.T. -0.00 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-040320MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 26411 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 36.0  | 26.9  | 40.3  |
| 65       | 21.0  | 27.7  | 41.5# |
| 92       | 19.4  | 17.4  | 26.2  |

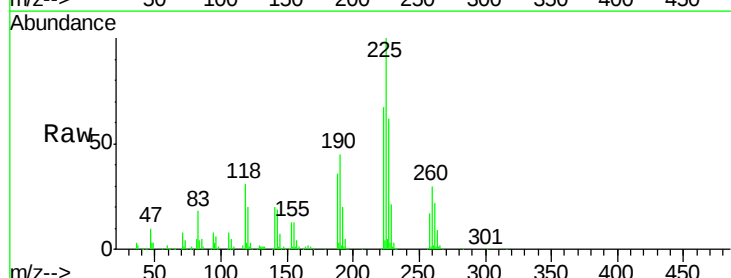


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

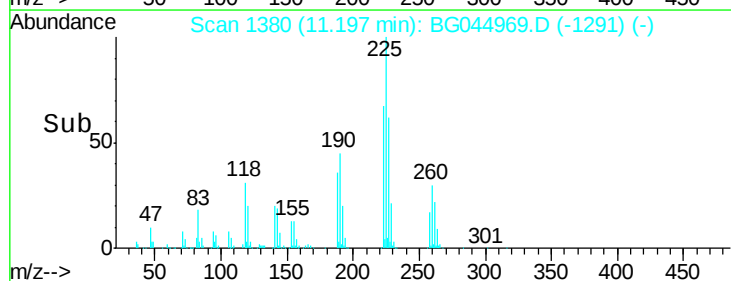
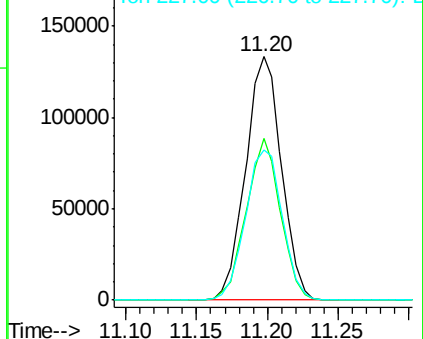


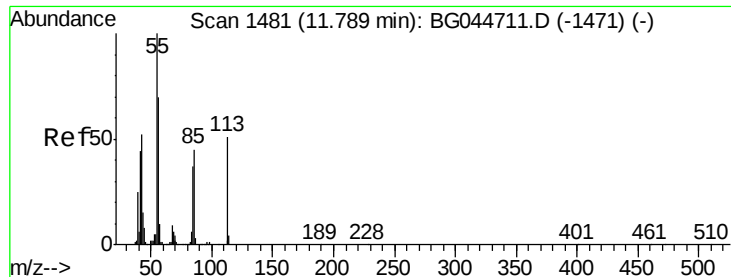
#34  
Hexachlorobutadiene  
Concen: 57.04 ng  
RT: 11.20 min Scan# 1380  
Delta R.T. -0.01 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 237398 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 66.6  | 47.4  | 71.0   |
| 227      | 61.9  | 50.8  | 76.2   |



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





#35

Caprolactam

Concen: 25.10 ng

RT: 11.77 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

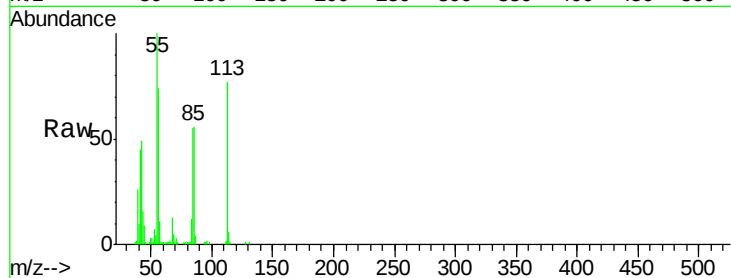
Tgt Ion:113 Resp: 50287

Ion Ratio Lower Upper

113 100

55 130.2 173.8 213.8#

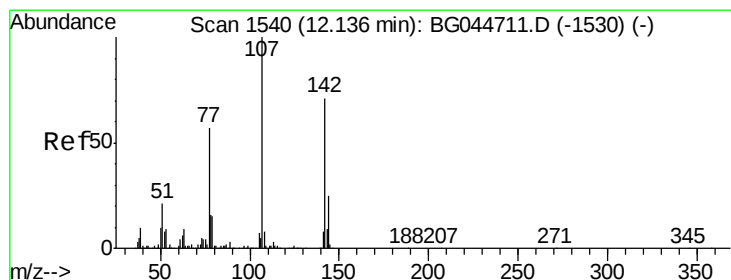
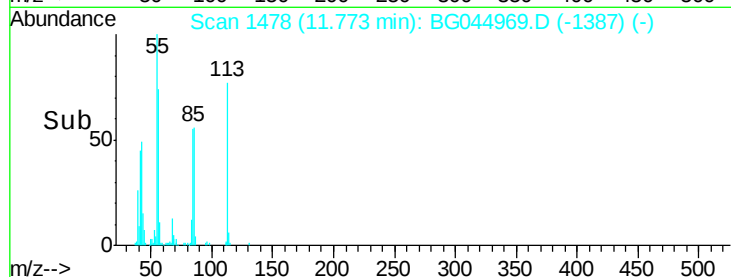
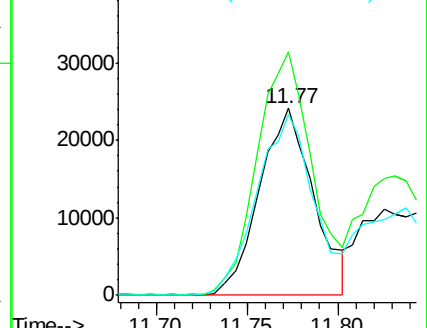
56 96.9 113.8 153.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 60.45 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

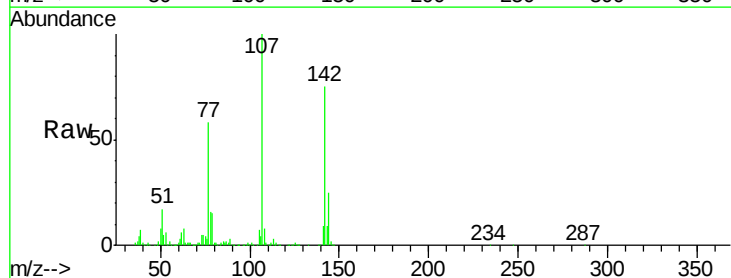
Tgt Ion:107 Resp: 381549

Ion Ratio Lower Upper

107 100

144 24.7 18.0 27.0

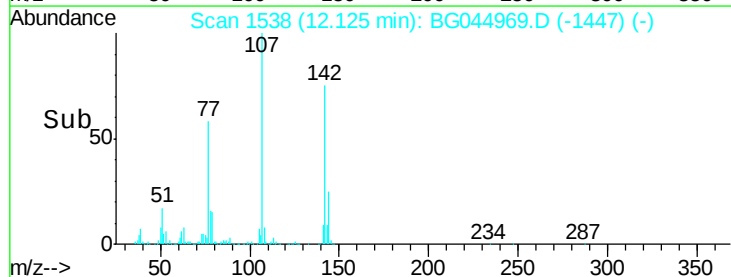
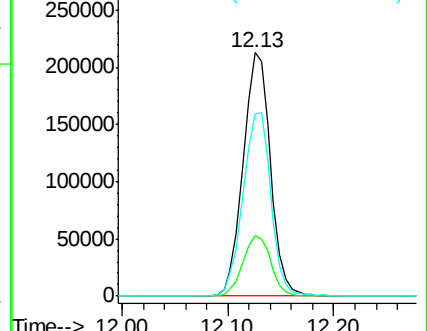
142 75.1 59.0 88.4

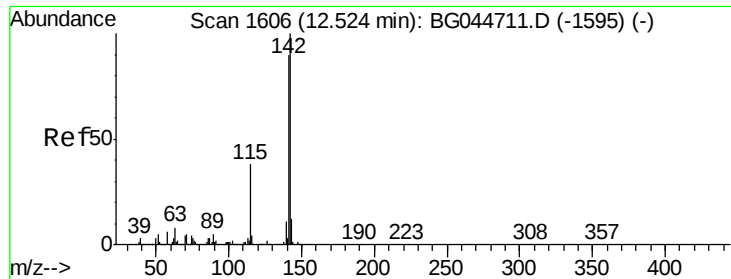


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

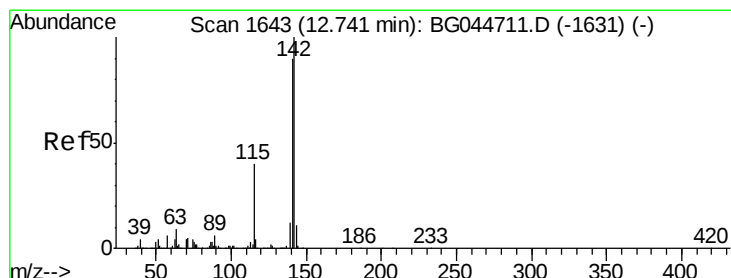
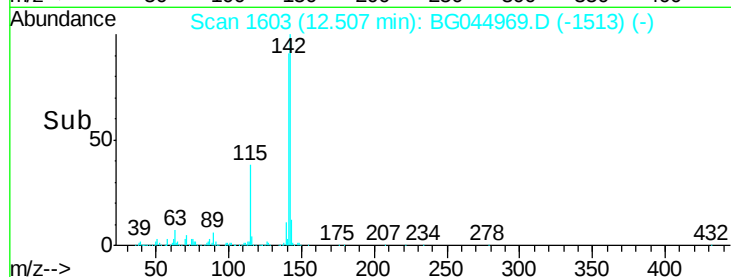
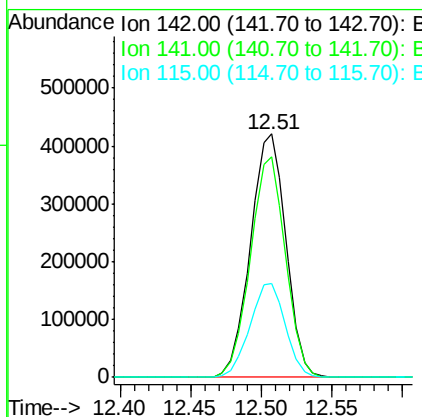
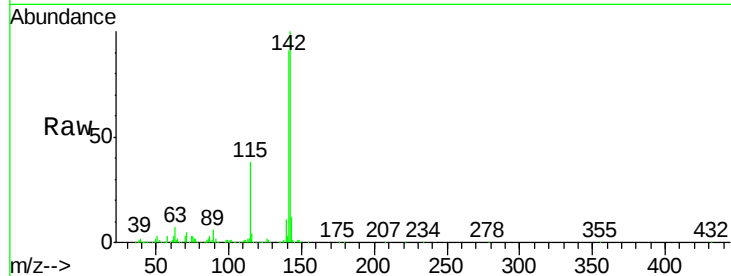




#37  
2-Methylnaphthalene  
Concen: 57.15 ng  
RT: 12.51 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

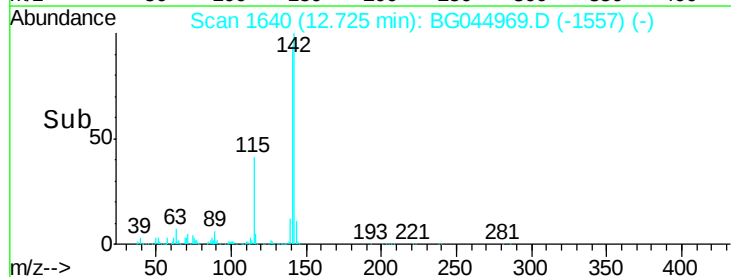
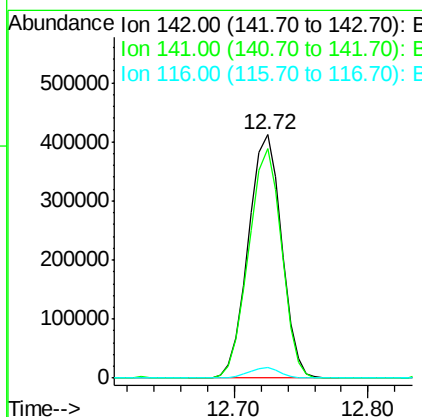
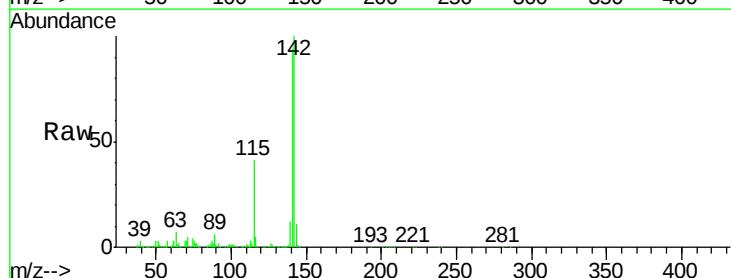
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-040320MSD

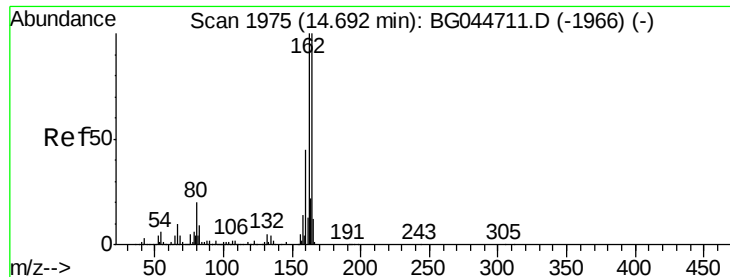
Tgt Ion:142 Resp: 740914  
Ion Ratio Lower Upper  
142 100  
141 90.6 75.1 112.7  
115 38.4 30.6 46.0



#38  
1-Methylnaphthalene  
Concen: 57.98 ng  
RT: 12.72 min Scan# 1640  
Delta R.T. -0.01 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

Tgt Ion:142 Resp: 706684  
Ion Ratio Lower Upper  
142 100  
141 94.2 74.7 112.1  
116 4.6 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

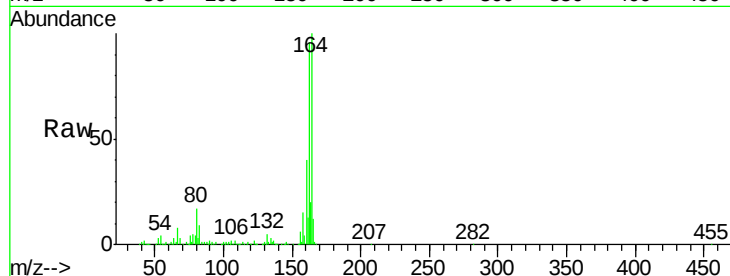
Tgt Ion:164 Resp: 226565

Ion Ratio Lower Upper

164 100

162 96.2 76.7 115.1

160 40.0 35.0 52.4

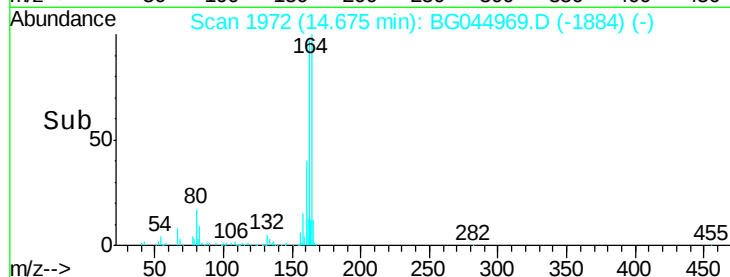


Abundance Ion 164.00 (163.70 to 164.70): E

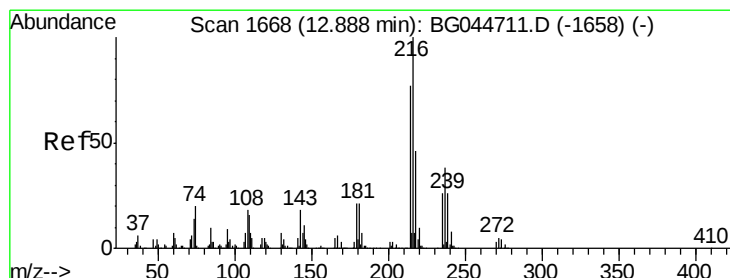
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.67



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.52 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion:216 Resp: 399343

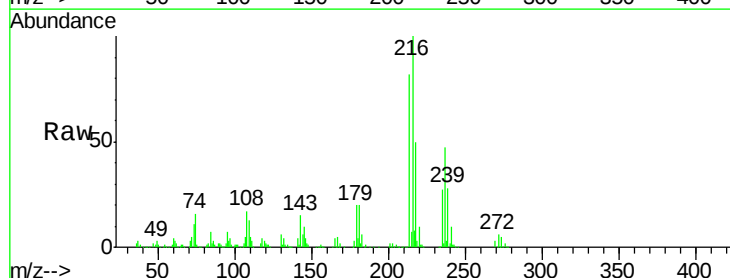
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 20.1 16.2 24.2

108 19.9 14.6 22.0



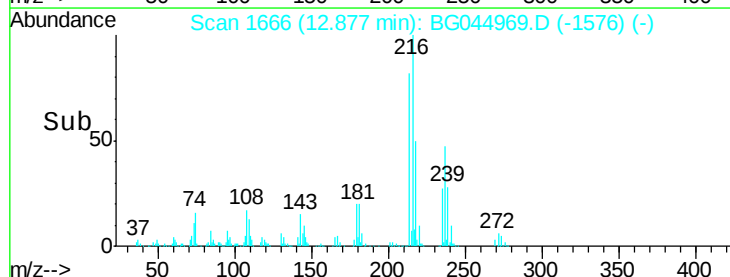
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

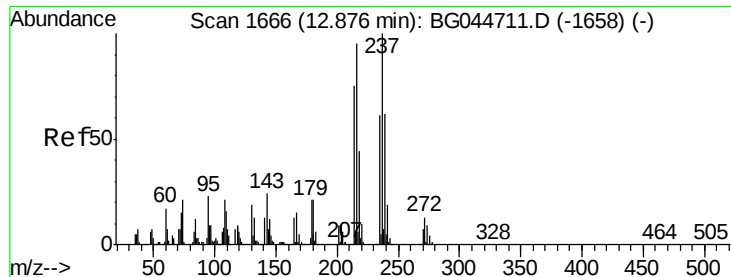
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.88



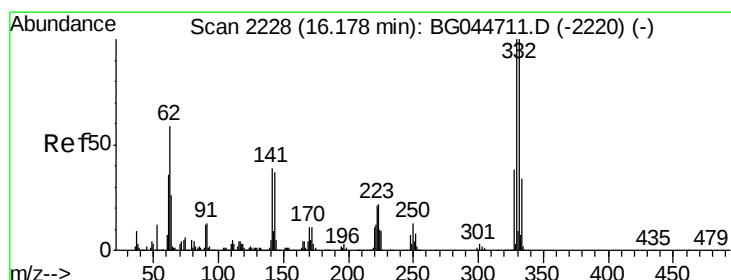
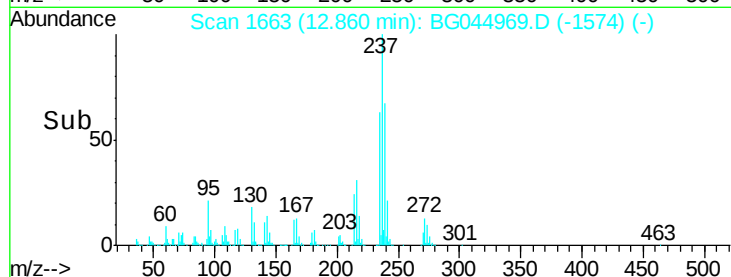
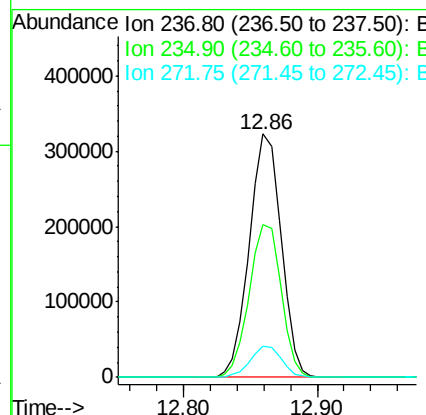
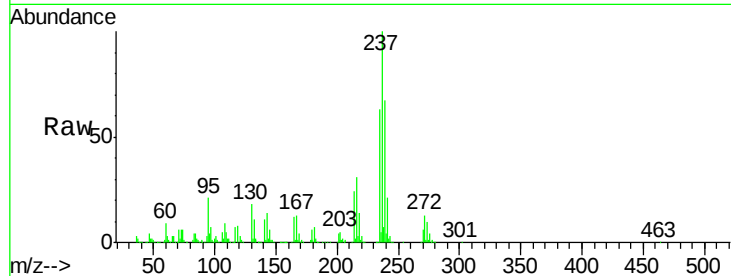
Time-->



#41  
Hexachlorocyclopentadiene  
Concen: 130.09 ng  
RT: 12.86 min Scan# 1663  
Delta R.T. -0.01 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

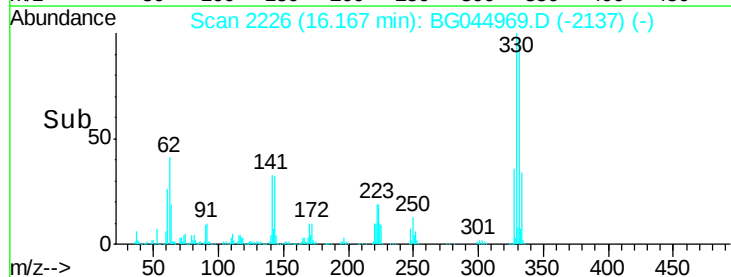
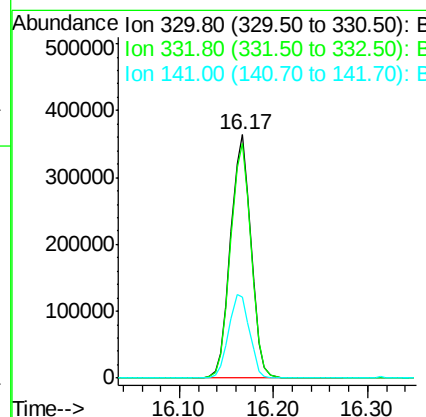
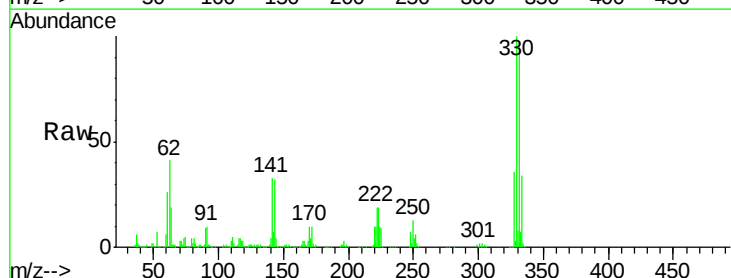
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-040320MSD

Tgt Ion: 237 Resp: 530471  
Ion Ratio Lower Upper  
237 100  
235 62.7 42.9 82.9  
272 12.8 0.0 31.6



#42  
2,4,6-Tribromophenol  
Concen: 186.26 ng  
RT: 16.17 min Scan# 2226  
Delta R.T. -0.00 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

Tgt Ion: 330 Resp: 552542  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.8 116.6  
141 35.0 29.5 44.3

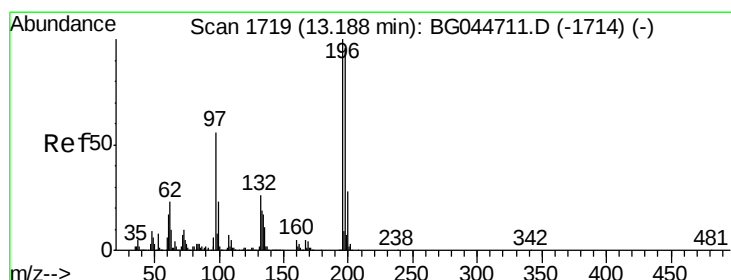
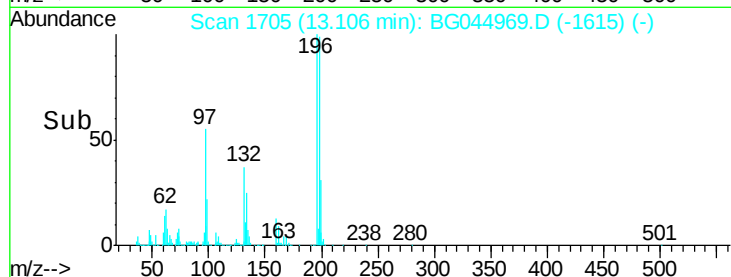
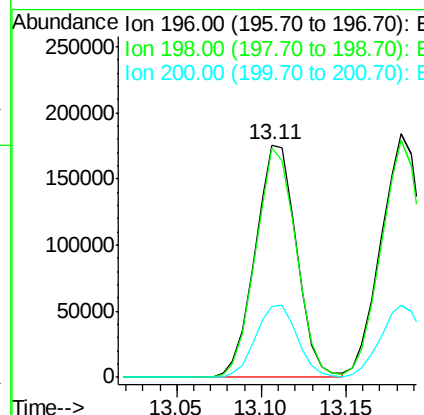
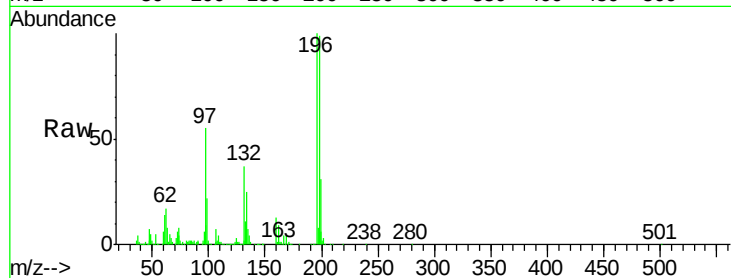




#43  
 2,4,6-Trichlorophenol  
 Concen: 60.10 ng  
 RT: 13.11 min Scan# 1705  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

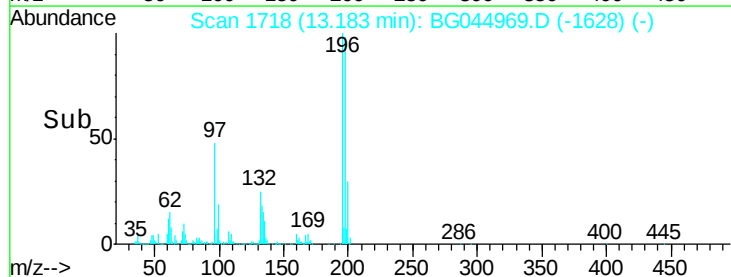
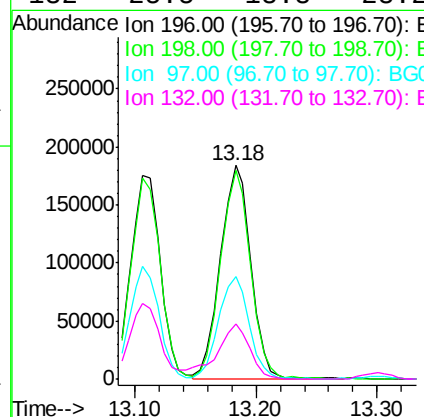
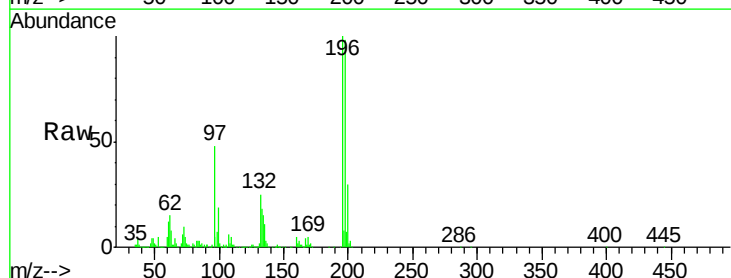
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

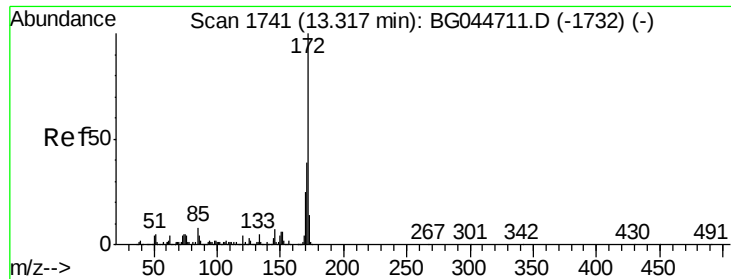
Tgt Ion:196 Resp: 297593  
 Ion Ratio Lower Upper  
 196 100  
 198 98.6 74.9 112.3  
 200 30.6 25.8 38.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 62.13 ng  
 RT: 13.18 min Scan# 1718  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

Tgt Ion:196 Resp: 319045  
 Ion Ratio Lower Upper  
 196 100  
 198 97.7 74.2 111.4  
 97 48.2 36.7 55.1  
 132 25.5 18.8 28.2

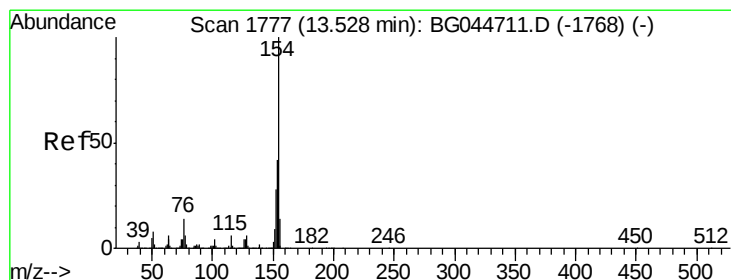
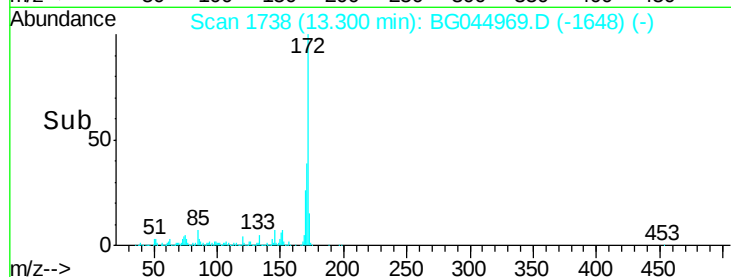
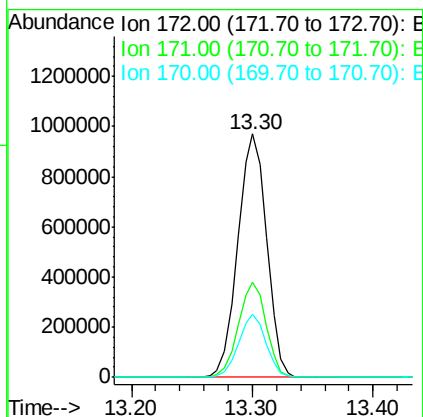
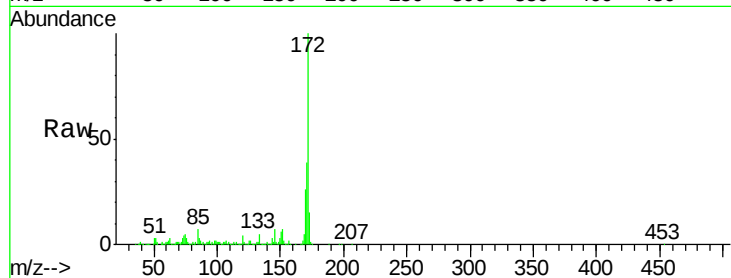




#45  
2-Fluorobiphenyl  
Concen: 101.77 ng  
RT: 13.30 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

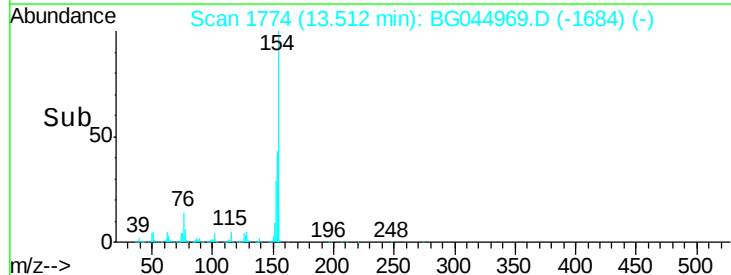
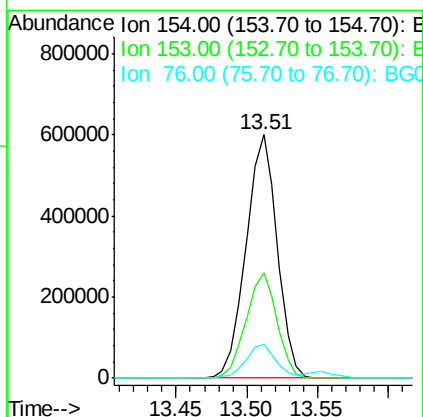
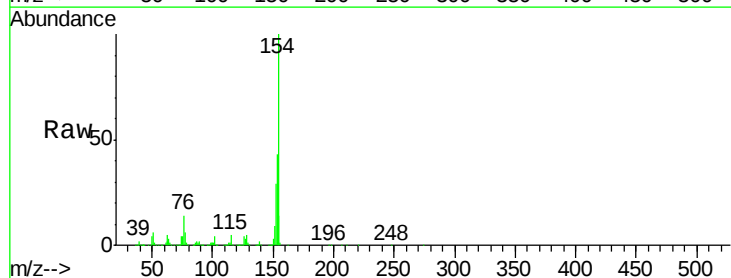
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-040320MSD

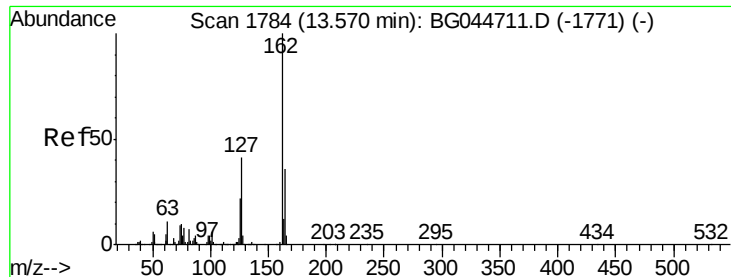
Tgt Ion:172 Resp: 1610102  
Ion Ratio Lower Upper  
172 100  
171 39.0 28.7 43.1  
170 26.0 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 51.20 ng  
RT: 13.51 min Scan# 1774  
Delta R.T. -0.00 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

Tgt Ion:154 Resp: 927006  
Ion Ratio Lower Upper  
154 100  
153 43.5 22.9 62.9  
76 13.7 0.0 34.6

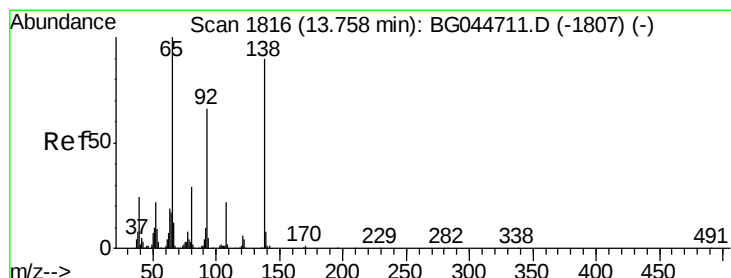
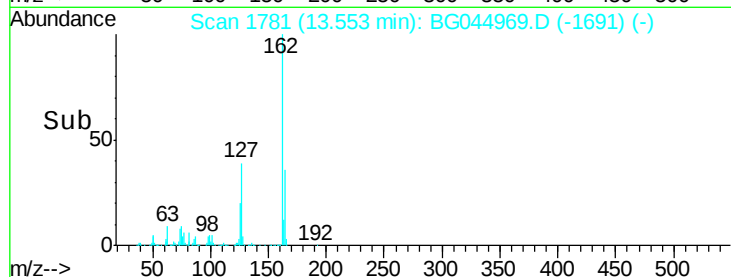
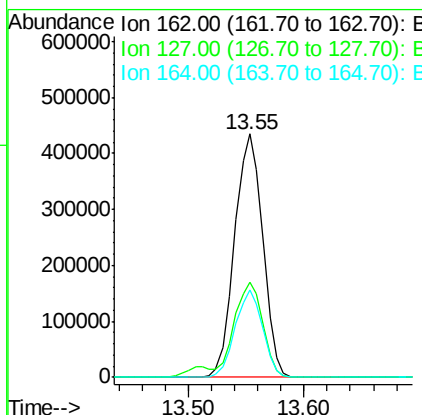
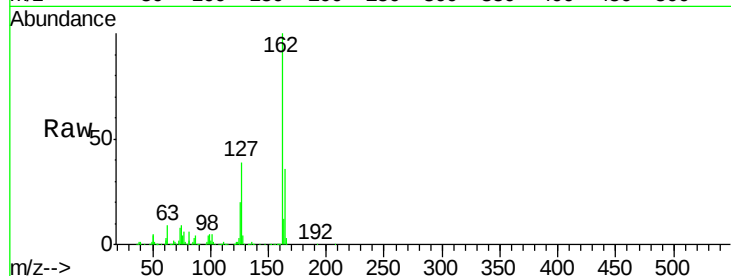




#47  
 2-Chloronaphthalene  
 Concen: 52.88 ng  
 RT: 13.55 min Scan# 1781  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

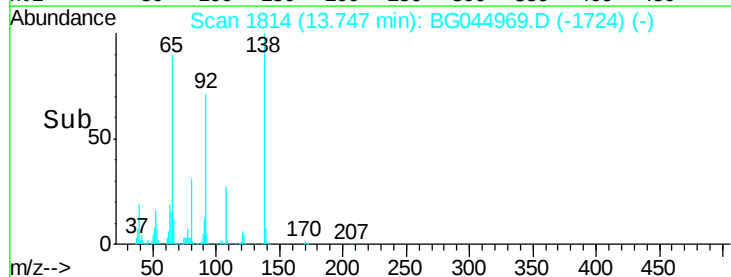
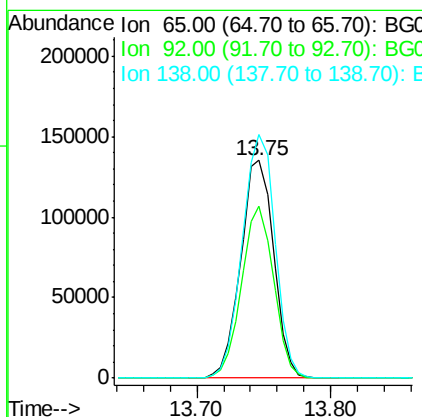
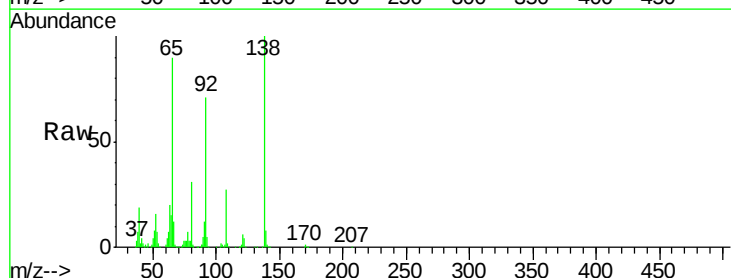
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

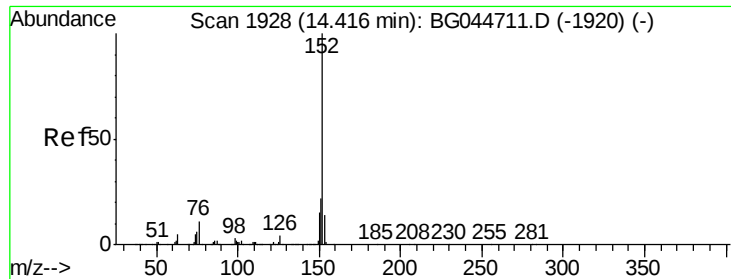
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.0  | 33.1  | 49.7  |
| 164     | 36.2  | 27.4  | 41.2  |



#48  
 2-Nitroaniline  
 Concen: 47.94 ng  
 RT: 13.75 min Scan# 1814  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 78.8  | 52.6  | 79.0  |
| 138     | 111.7 | 78.3  | 117.5 |





#49

Acenaphthylene

Concen: 55.97 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

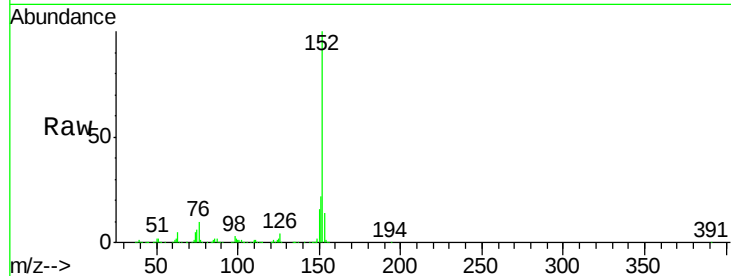
Tgt Ion:152 Resp: 1212716

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

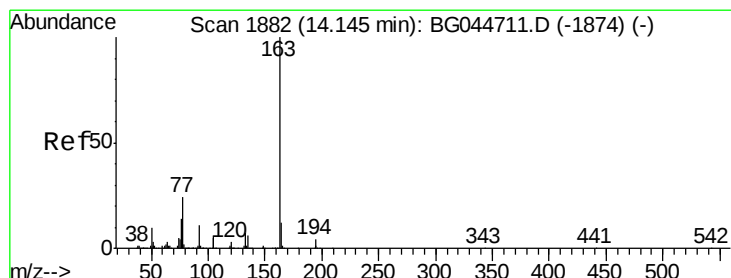
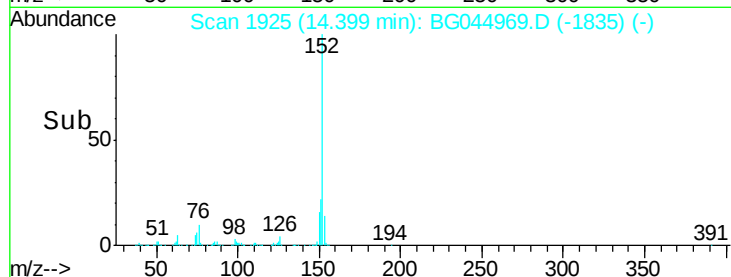
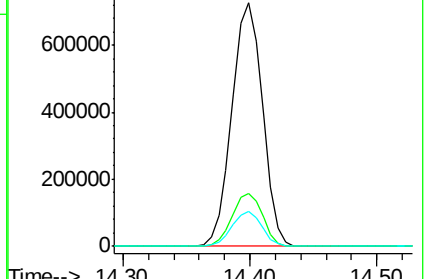
153 14.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.58 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

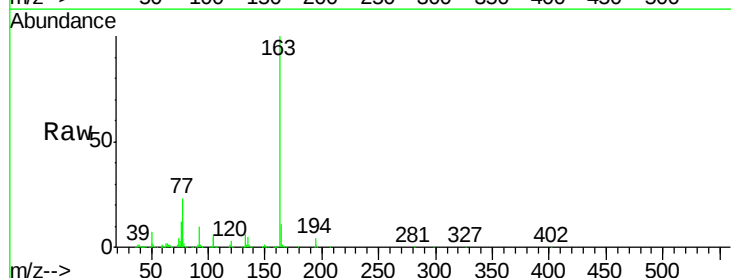
Tgt Ion:163 Resp: 1057120

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

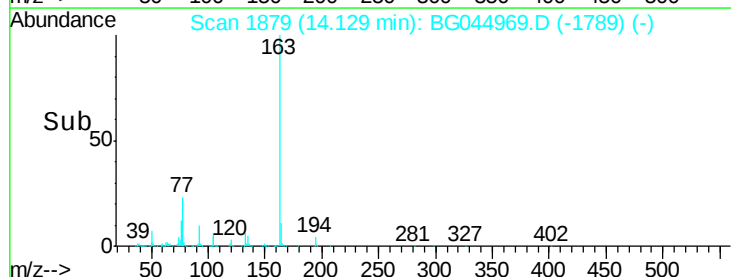
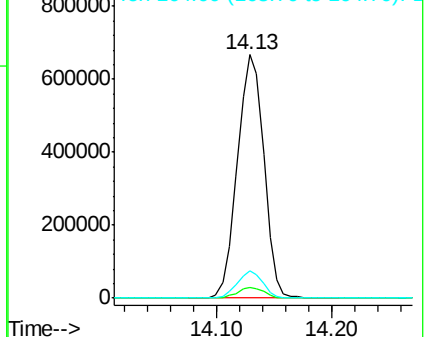
164 11.2 9.1 13.7

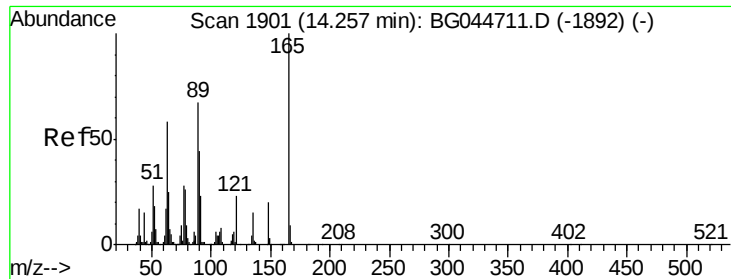


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

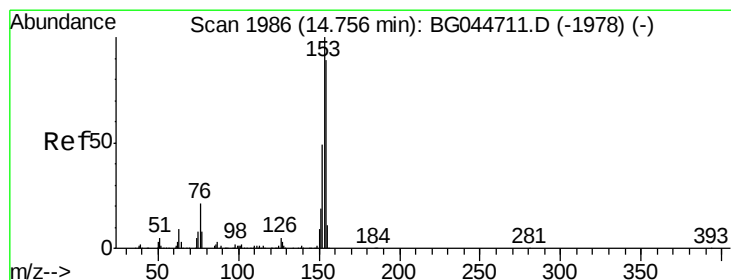
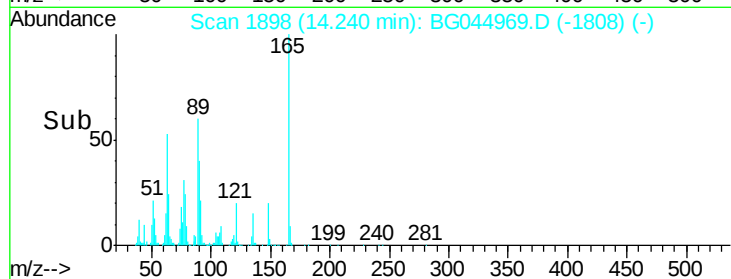
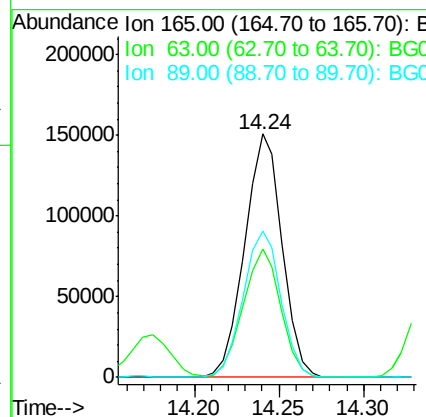
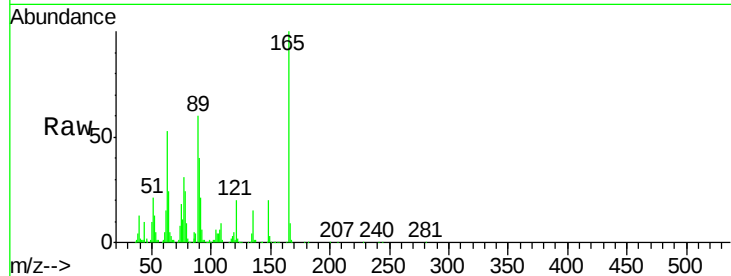




#51  
 2,6-Dinitrotoluene  
 Concen: 63.54 ng  
 RT: 14.24 min Scan# 1898  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

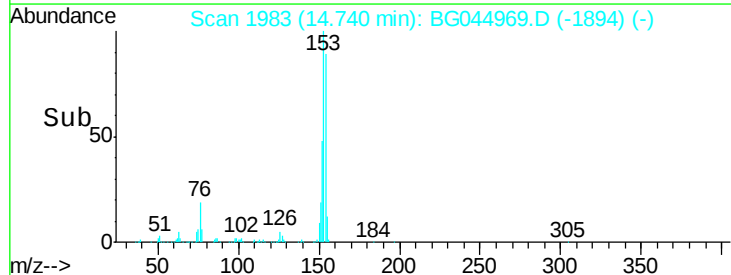
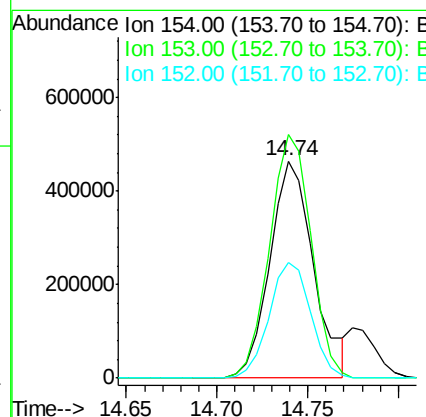
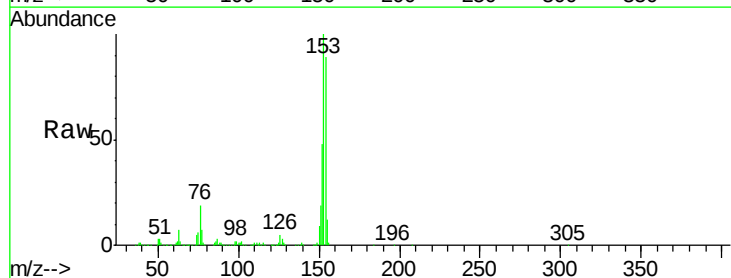
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

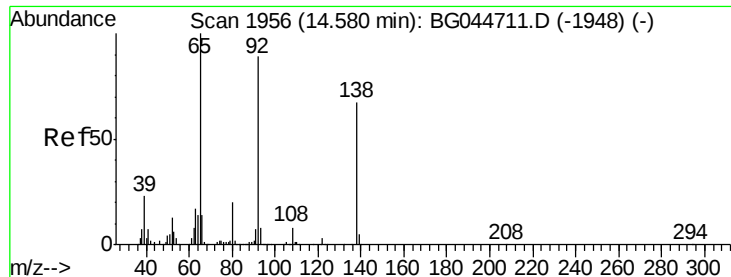
Tgt Ion:165 Resp: 231119  
 Ion Ratio Lower Upper  
 165 100  
 63 52.9 45.8 68.8  
 89 60.0 51.8 77.6



#52  
 Acenaphthene  
 Concen: 55.07 ng  
 RT: 14.74 min Scan# 1983  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

Tgt Ion:154 Resp: 781491  
 Ion Ratio Lower Upper  
 154 100  
 153 112.3 89.0 133.6  
 152 53.5 43.0 64.6

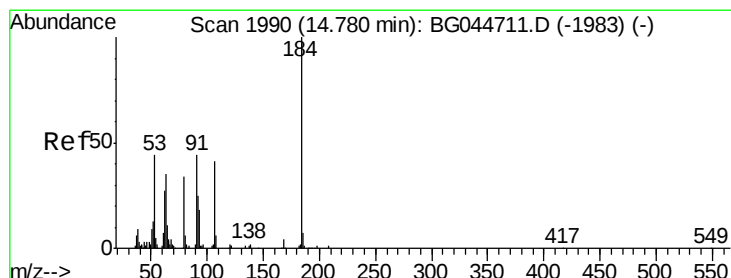
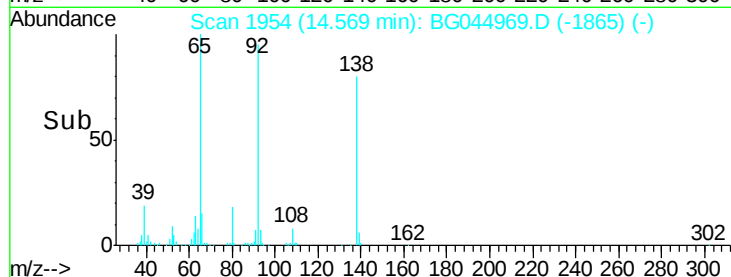
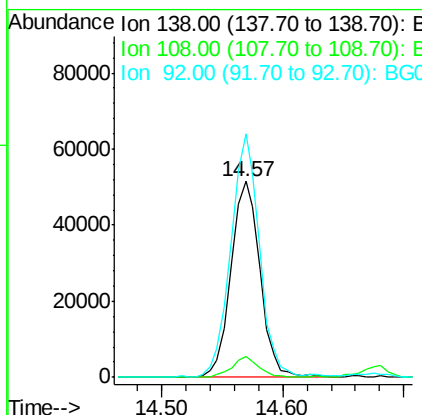
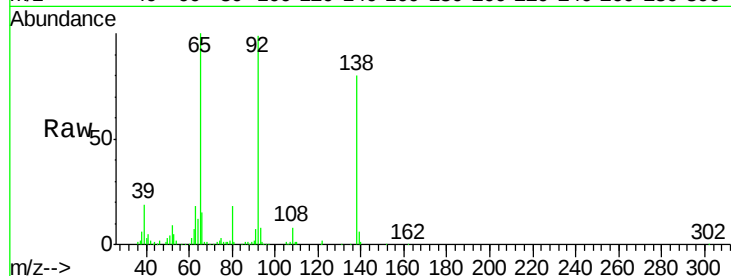




#53  
 3-Nitroaniline  
 Concen: 20.75 ng  
 RT: 14.57 min Scan# 1954  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

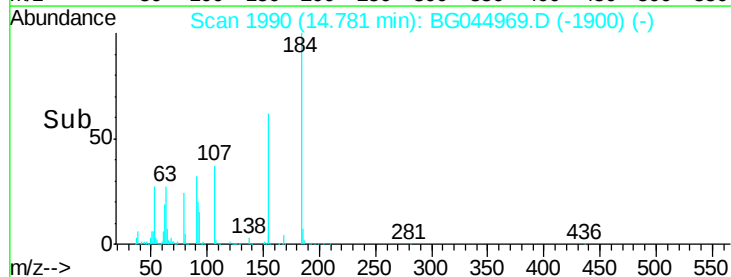
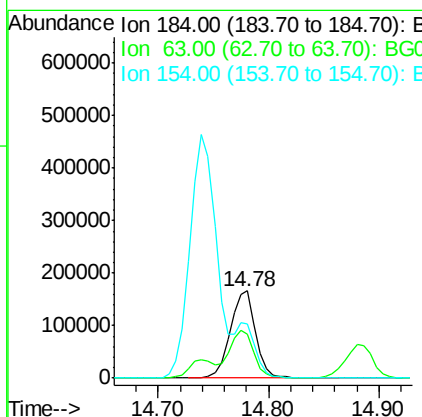
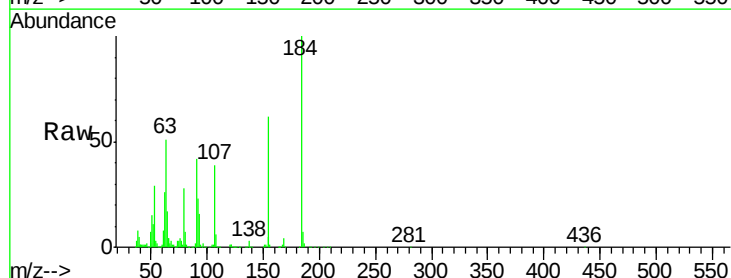
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

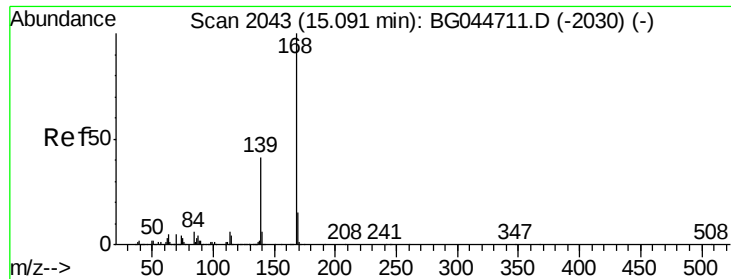
Tgt Ion:138 Resp: 86785  
 Ion Ratio Lower Upper  
 138 100  
 108 10.5 9.0 13.4  
 92 124.3 96.8 145.2



#54  
 2,4-Dinitrophenol  
 Concen: 134.60 ng  
 RT: 14.78 min Scan# 1990  
 Delta R.T. 0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

Tgt Ion:184 Resp: 267876  
 Ion Ratio Lower Upper  
 184 100  
 63 50.7 45.5 68.3  
 154 61.8 49.1 73.7





#55

Dibenzofuran

Concen: 56.86 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

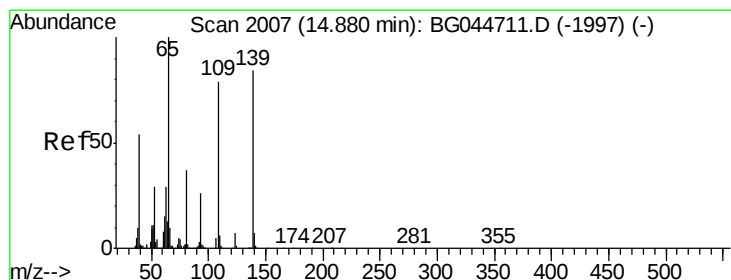
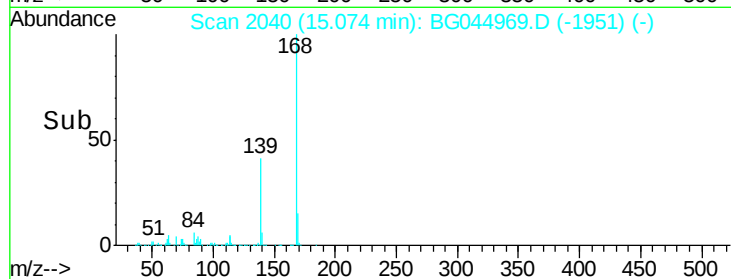
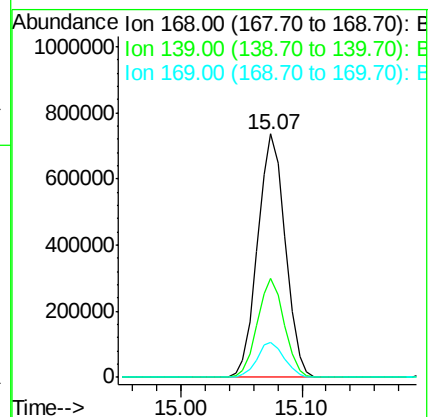
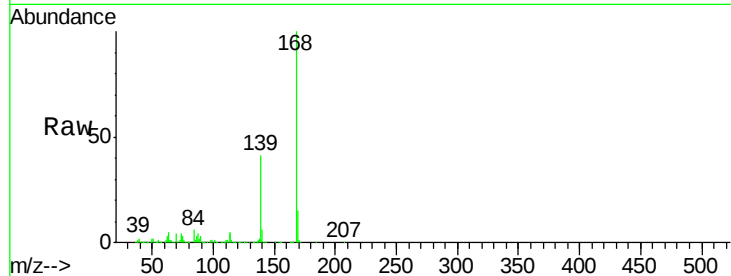
Tgt Ion:168 Resp: 1170055

Ion Ratio Lower Upper

168 100

139 40.7 31.4 47.0

169 14.6 11.1 16.7



#56

4-Nitrophenol

Concen: 118.94 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

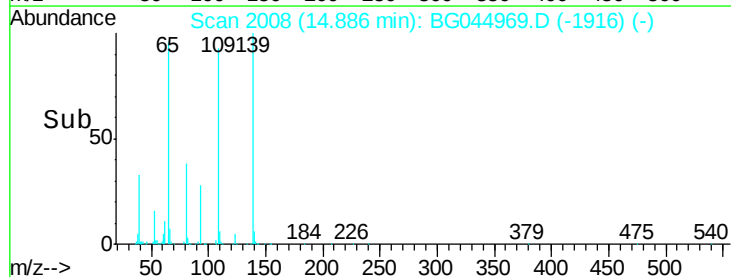
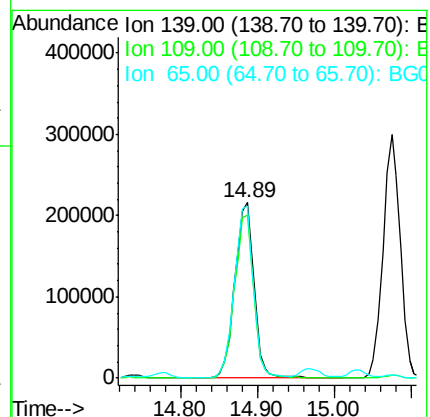
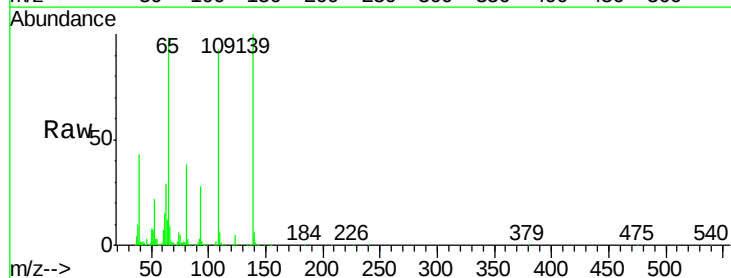
Tgt Ion:139 Resp: 379594

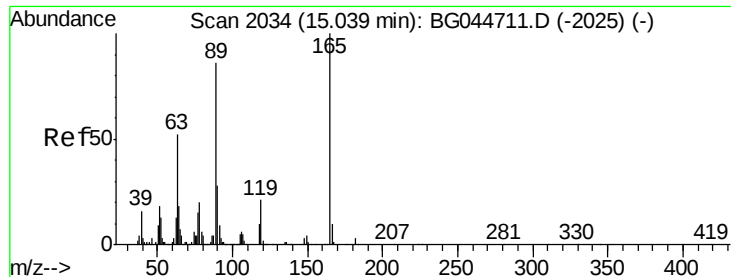
Ion Ratio Lower Upper

139 100

109 92.7 68.8 108.8

65 97.7 92.5 132.5

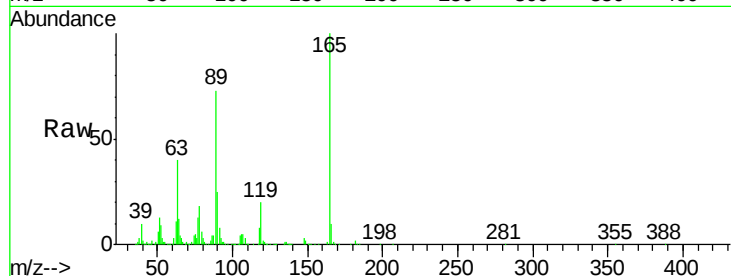




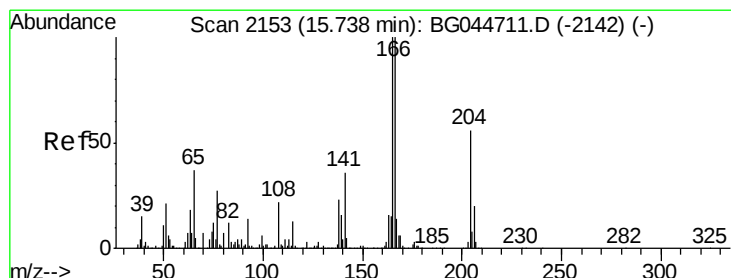
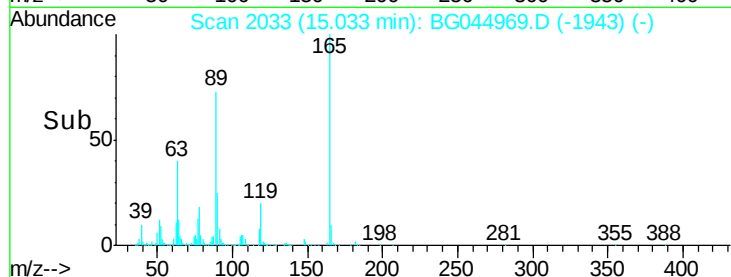
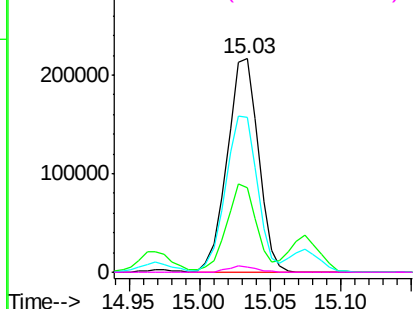
#57  
 2,4-Dinitrotoluene  
 Concen: 67.07 ng  
 RT: 15.03 min Scan# 2033  
 Delta R.T. 0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

Tgt Ion:165 Resp: 334558  
 Ion Ratio Lower Upper  
 165 100  
 63 39.6 34.6 52.0  
 89 72.6 61.3 91.9  
 182 2.4 2.2 3.2

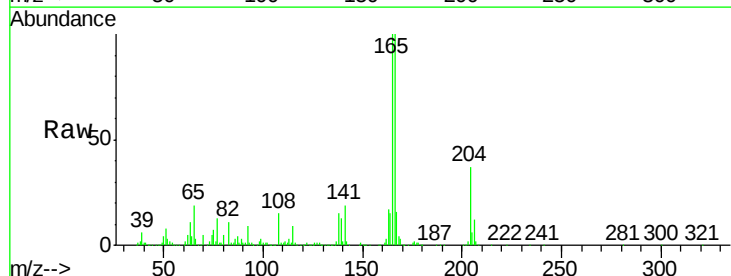


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 89.00 (88.70 to 89.70): BGC  
 Ion 182.00 (181.70 to 182.70): E

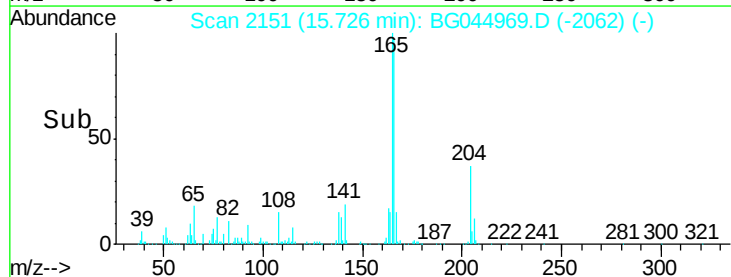
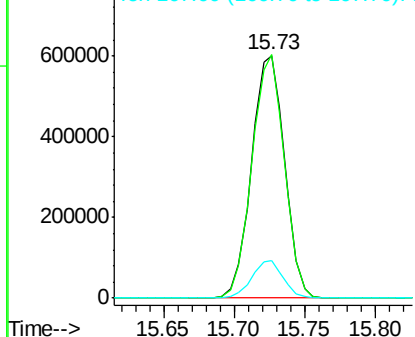


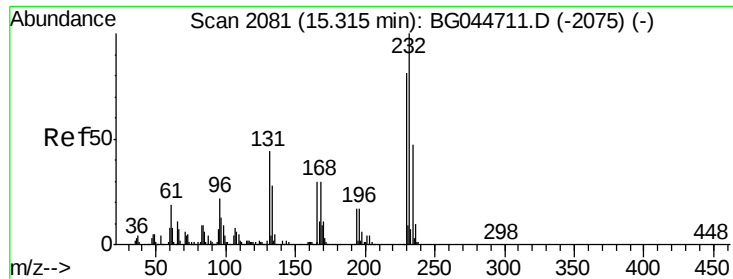
#58  
 Fluorene  
 Concen: 58.28 ng  
 RT: 15.73 min Scan# 2151  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

Tgt Ion:166 Resp: 986518  
 Ion Ratio Lower Upper  
 166 100  
 165 100.4 79.7 119.5  
 167 15.6 10.6 16.0



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

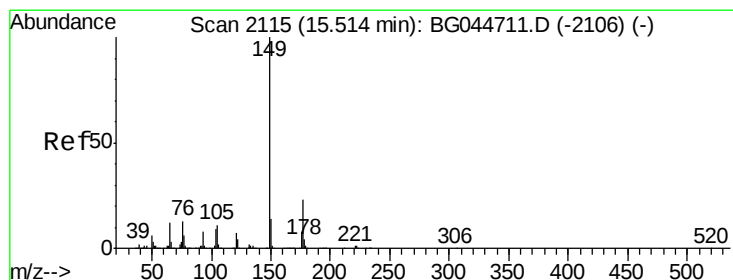
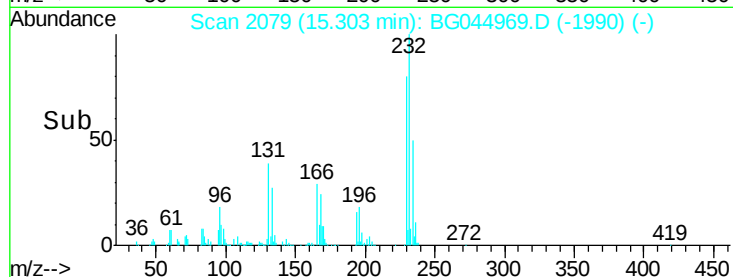
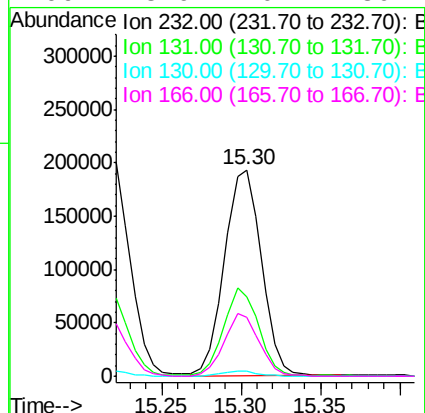
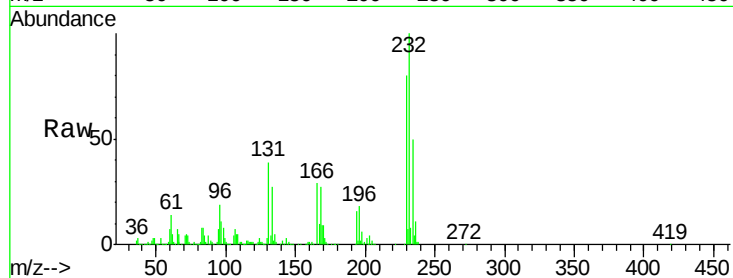




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 66.03 ng  
 RT: 15.30 min Scan# 2079  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

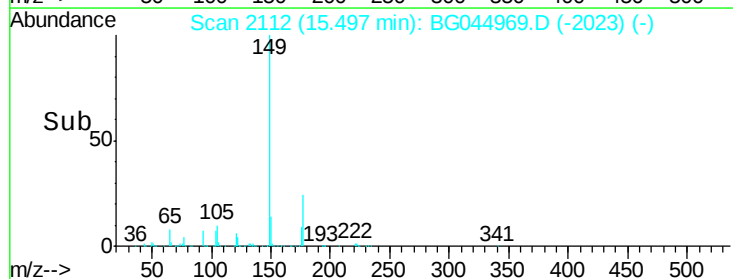
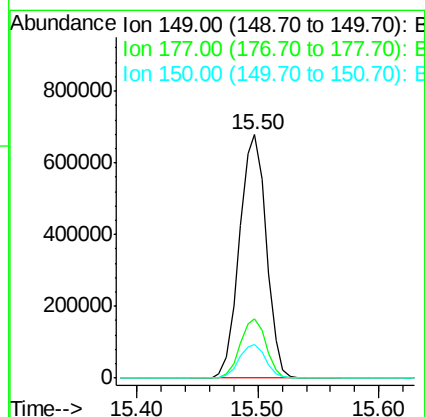
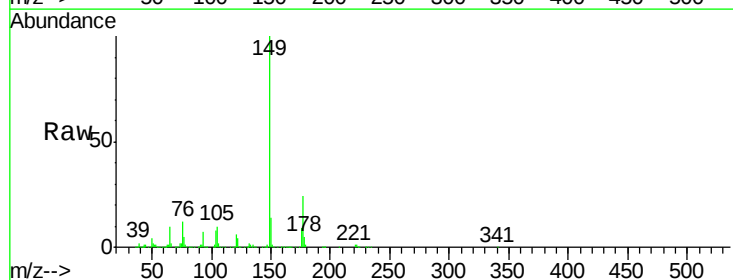
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 312167 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 40.0  | 31.8  | 47.8   |
| 130      | 2.4   | 2.2   | 3.2    |
| 166      | 28.9  | 20.2  | 30.2   |



#60  
 Diethylphthalate  
 Concen: 55.84 ng  
 RT: 15.50 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1050920 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 24.1  | 19.3  | 28.9    |
| 150      | 13.6  | 11.0  | 16.6    |

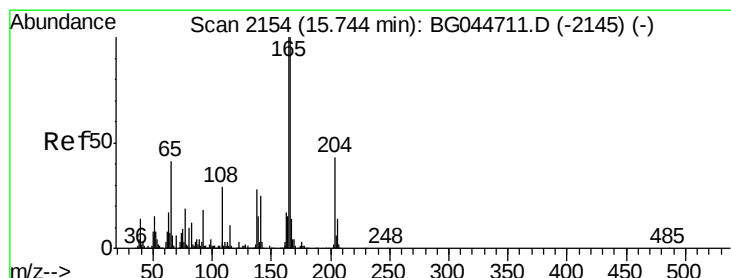
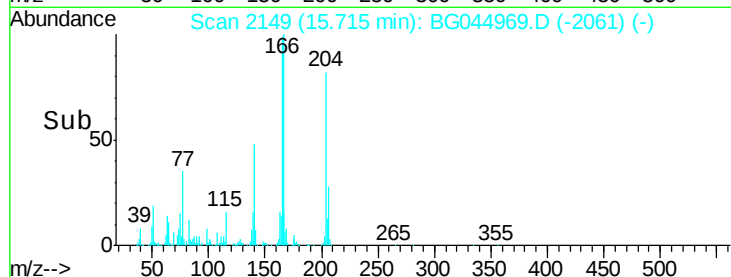
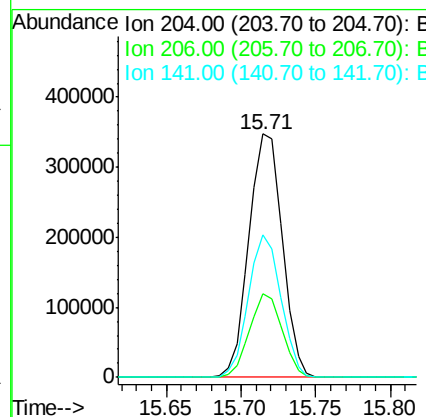
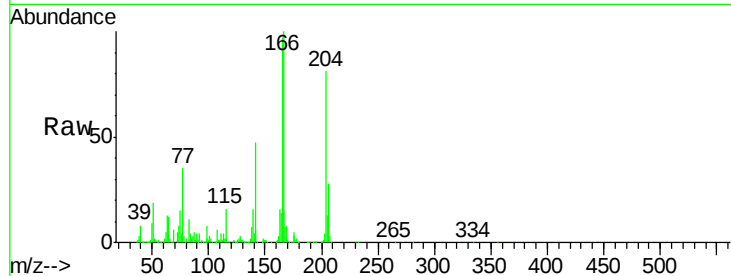




#61  
 4-Chlorophenyl-phenylether  
 Concen: 58.97 ng  
 RT: 15.71 min Scan# 2149  
 Delta R.T. -0.01 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

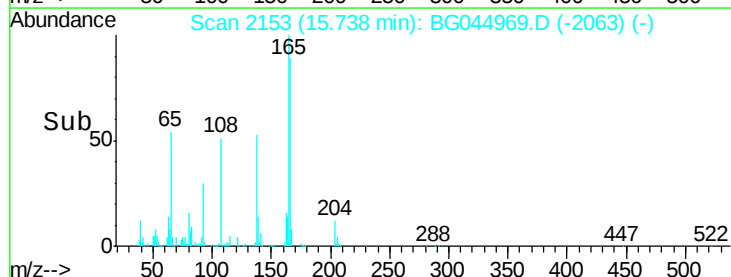
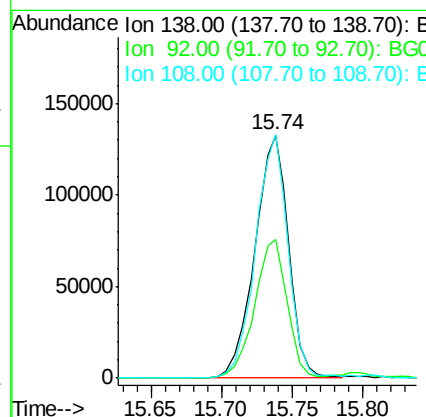
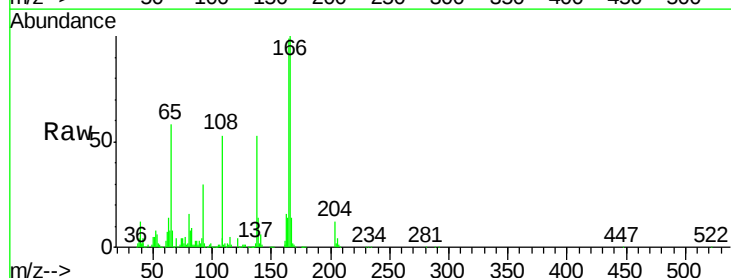
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

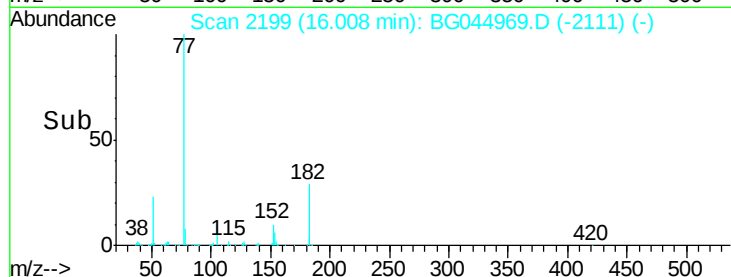
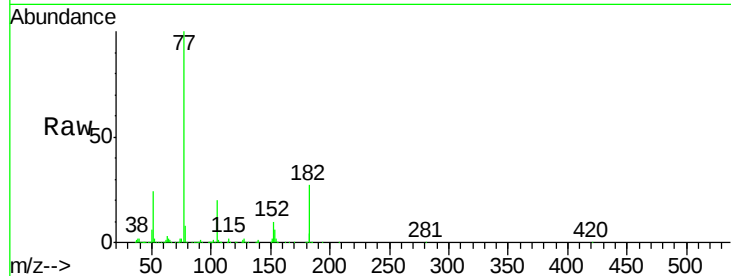
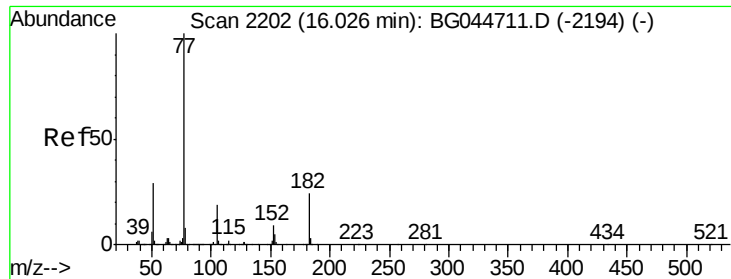
Tgt Ion:204 Resp: 537481  
 Ion Ratio Lower Upper  
 204 100  
 206 34.3 26.2 39.2  
 141 58.6 47.7 71.5



#62  
 4-Nitroaniline  
 Concen: 49.73 ng  
 RT: 15.74 min Scan# 2153  
 Delta R.T. 0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

Tgt Ion:138 Resp: 221772  
 Ion Ratio Lower Upper  
 138 100  
 92 56.9 34.5 74.5  
 108 100.3 74.5 114.5





#63

Azobenzene

Concen: 51.86 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

Tgt Ion: 77 Resp: 1013647

Ion Ratio Lower Upper

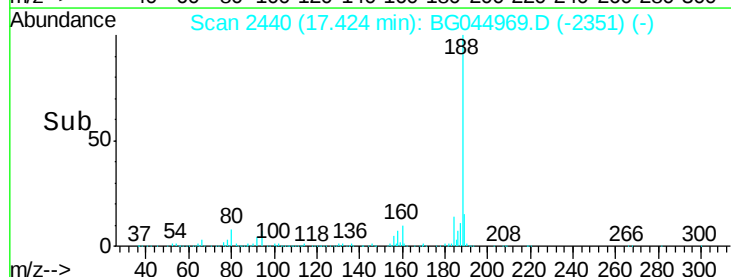
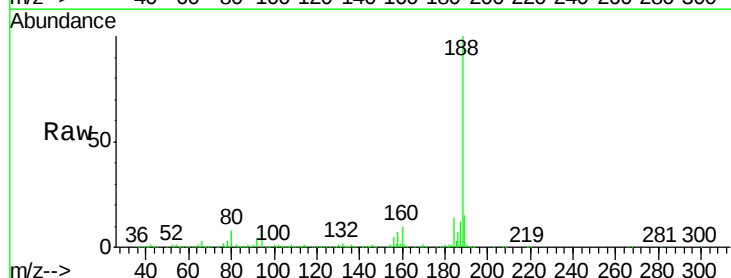
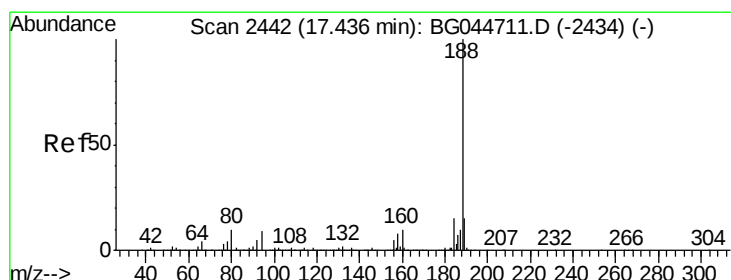
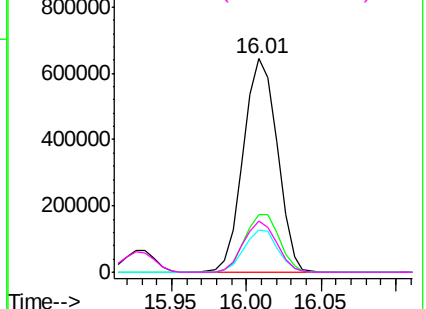
77 100

182 27.2 6.4 46.4

105 19.9 0.0 39.1

51 23.9 7.3 47.3

Abundance Ion 77.00 (76.70 to 77.70): BGC  
 1000000 Ion 182.00 (181.70 to 182.70): BGC  
 800000 Ion 105.00 (104.70 to 105.70): BGC  
 600000 Ion 51.00 (50.70 to 51.70): BGC  
 400000  
 200000  
 0



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion: 188 Resp: 551009

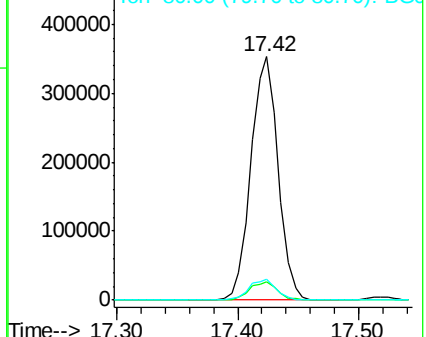
Ion Ratio Lower Upper

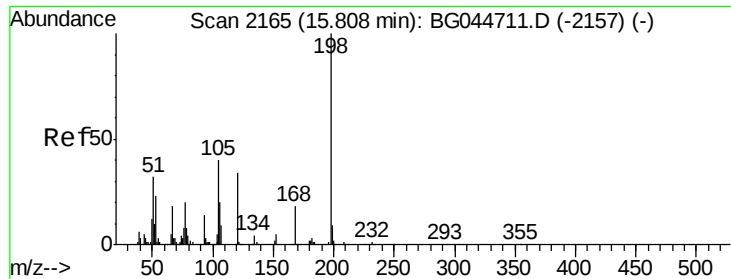
188 100

94 7.5 7.3 10.9

80 8.4 8.0 12.0

Abundance Ion 188.00 (187.70 to 188.70): BGC  
 400000 Ion 94.00 (93.70 to 94.70): BGC  
 300000 Ion 80.00 (79.70 to 80.70): BGC  
 200000  
 100000  
 0

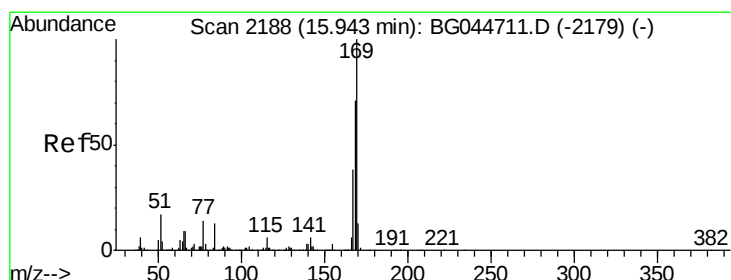
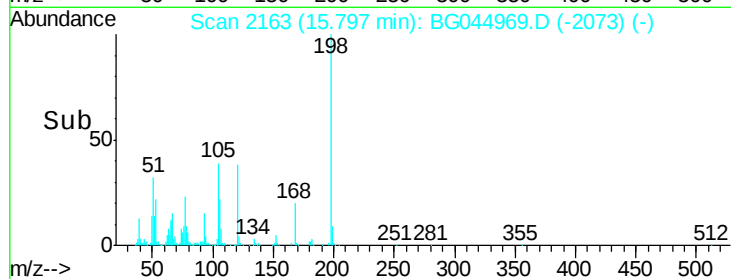
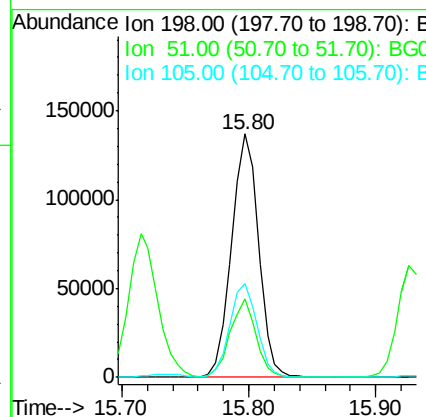
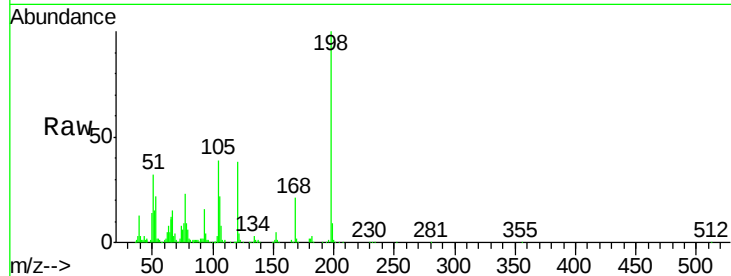




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 72.72 ng  
 RT: 15.80 min Scan# 2163  
 Delta R.T. 0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

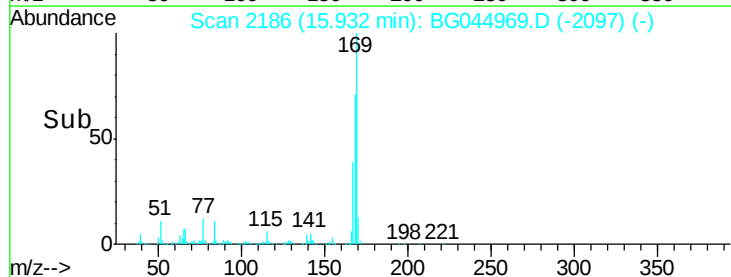
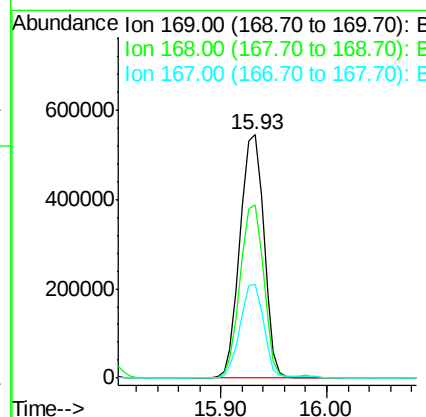
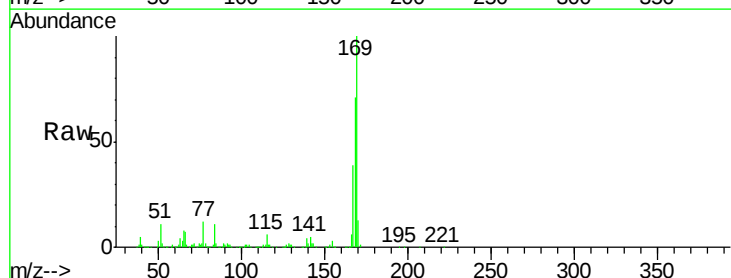
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

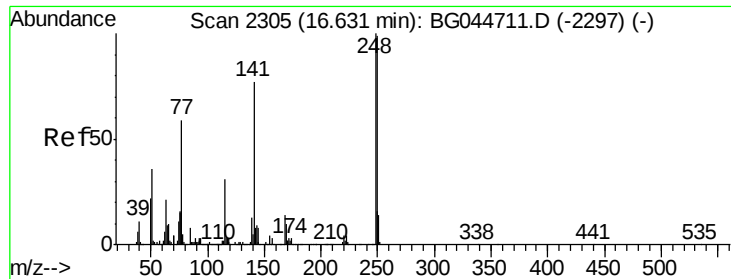
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 32.1  | 21.1  | 61.1  |
| 105     | 38.8  | 24.5  | 64.5  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 51.53 ng  
 RT: 15.93 min Scan# 2186  
 Delta R.T. -0.00 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.3  | 55.4  | 83.2  |
| 167     | 38.8  | 30.1  | 45.1  |

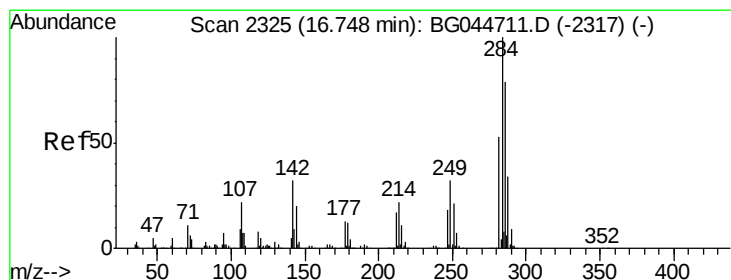
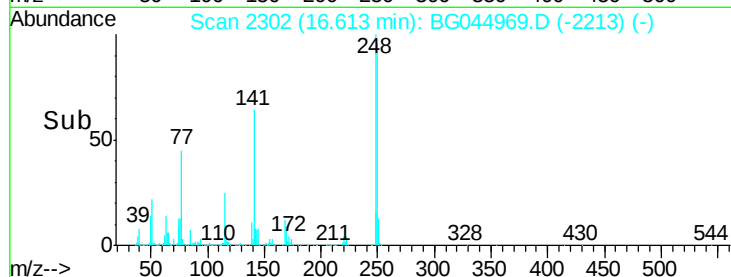
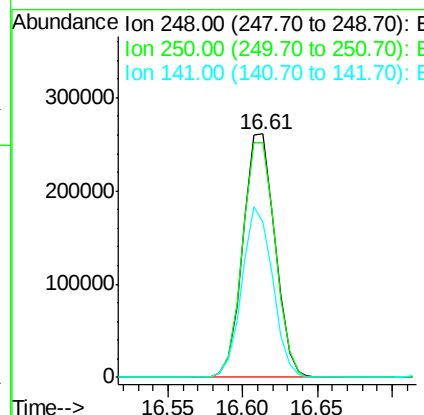
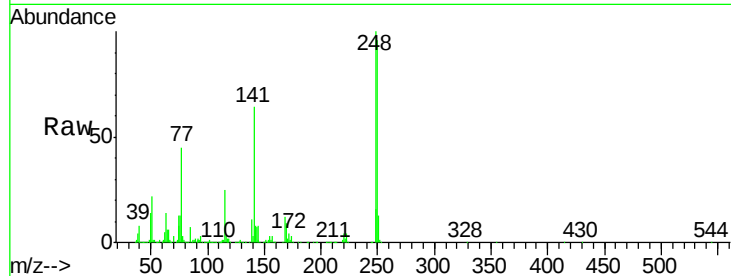




#67  
4-Bromophenyl-phenylether  
Concen: 56.28 ng  
RT: 16.61 min Scan# 2302  
Delta R.T. -0.00 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

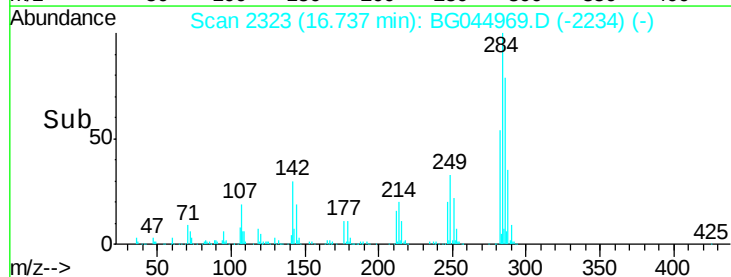
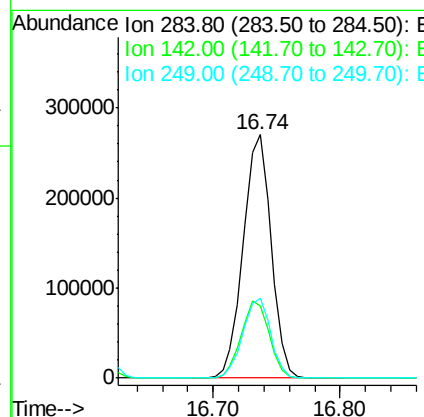
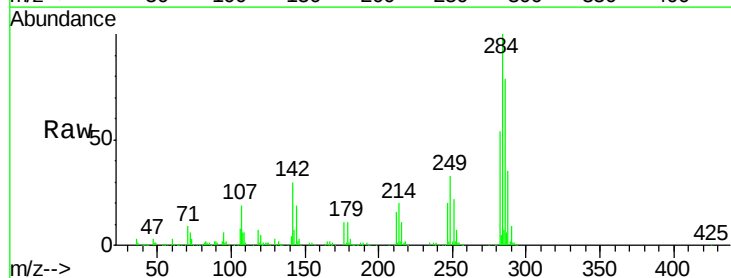
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-040320MSD

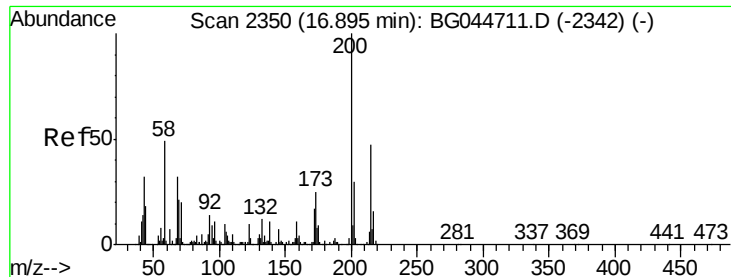
Tgt Ion:248 Resp: 387650  
Ion Ratio Lower Upper  
248 100  
250 96.3 77.9 116.9  
141 63.9 57.5 86.3



#68  
Hexachlorobenzene  
Concen: 55.16 ng  
RT: 16.74 min Scan# 2323  
Delta R.T. -0.00 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

Tgt Ion:284 Resp: 412241  
Ion Ratio Lower Upper  
284 100  
142 29.6 25.0 37.6  
249 33.0 25.8 38.8





#69

Atrazine

Concen: 40.48 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

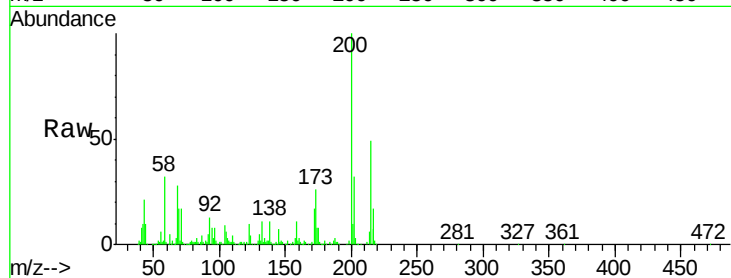
Tgt Ion:200 Resp: 246014

Ion Ratio Lower Upper

200 100

173 25.5 5.3 45.3

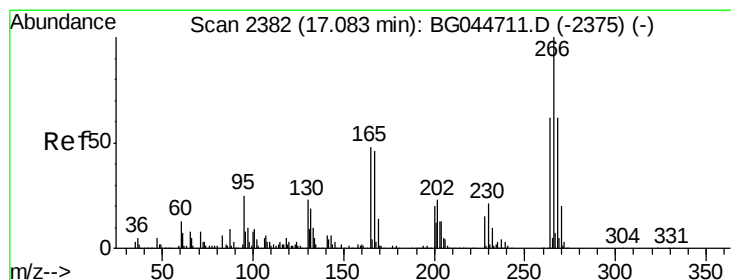
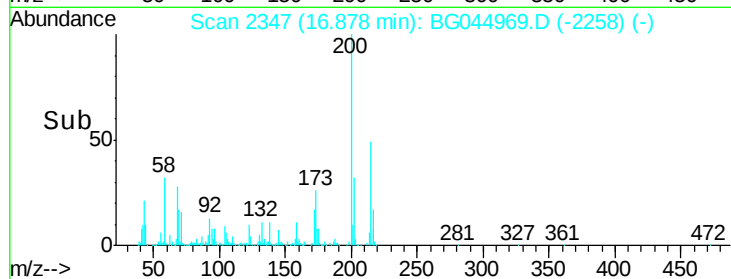
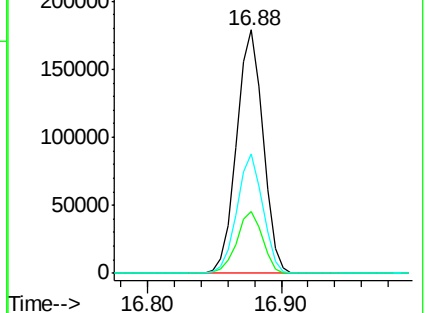
215 49.2 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 133.38 ng

RT: 17.08 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

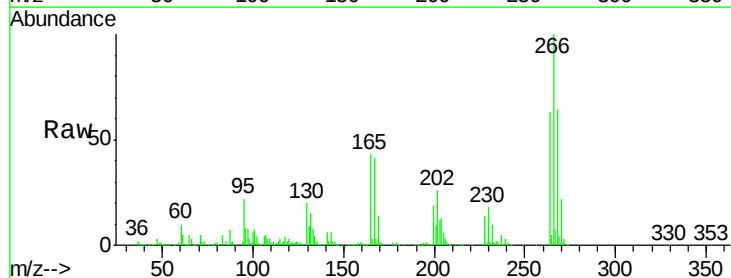
Tgt Ion:266 Resp: 548437

Ion Ratio Lower Upper

266 100

268 63.5 50.3 75.5

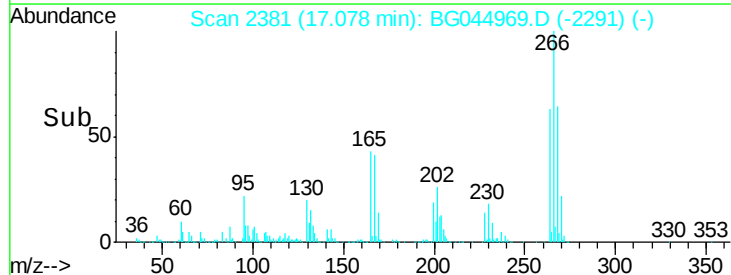
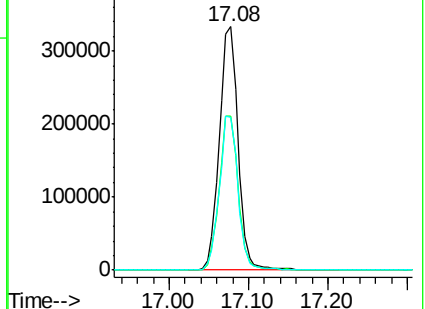
264 62.7 51.4 77.2

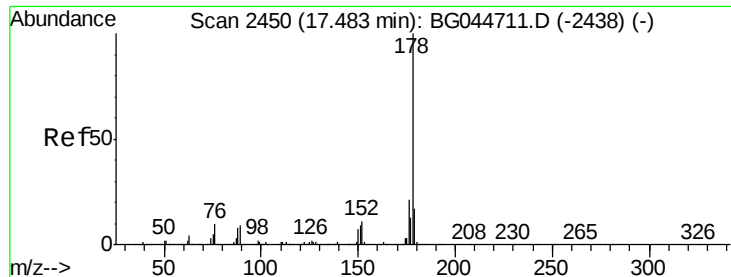


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

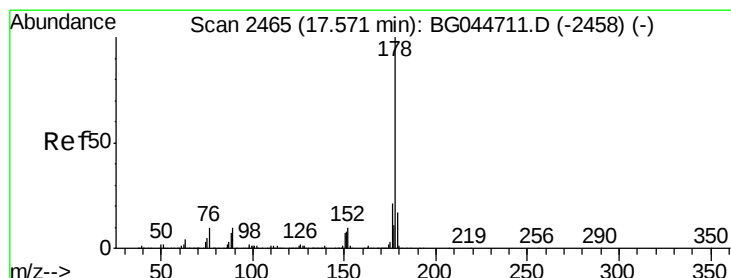
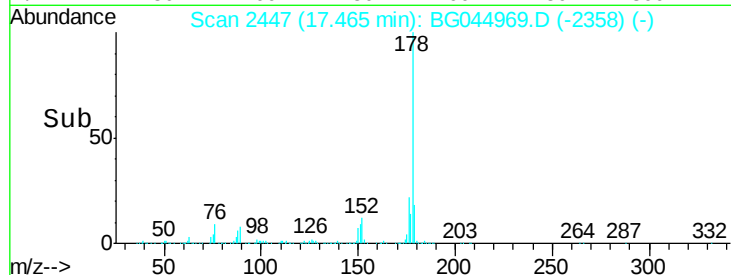
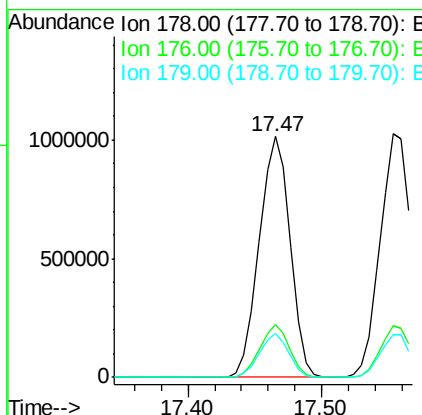
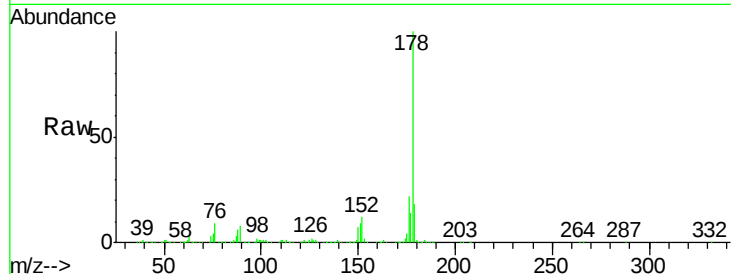




#71  
Phenanthrene  
Concen: 55.15 ng  
RT: 17.47 min Scan# 2447  
Delta R.T. -0.00 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

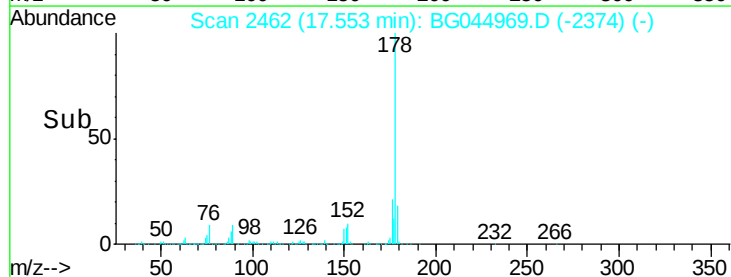
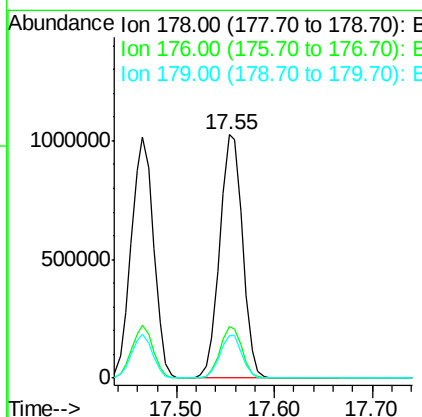
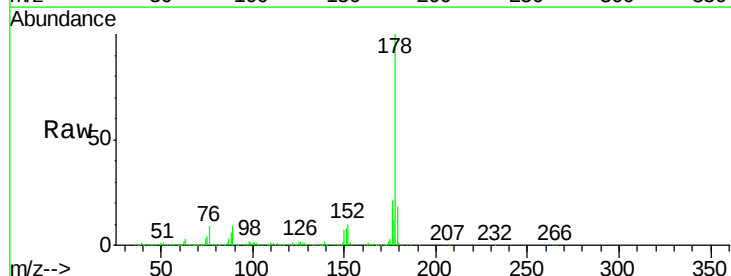
Instrument :  
BNA\_G  
ClientSampleId :  
TR-05-040320MSD

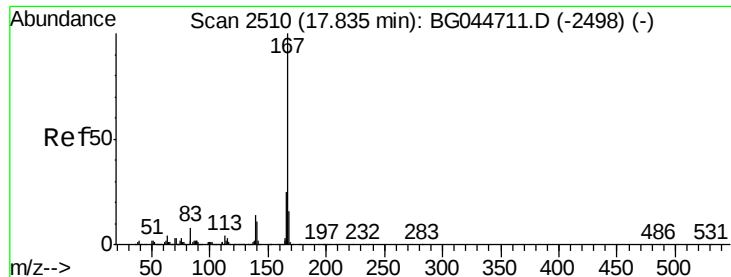
Tgt Ion:178 Resp: 1623825  
Ion Ratio Lower Upper  
178 100  
176 22.0 16.6 24.8  
179 18.0 13.5 20.3



#72  
Anthracene  
Concen: 57.14 ng  
RT: 17.55 min Scan# 2462  
Delta R.T. -0.01 min  
Lab File: BG044969.D  
Acq: 8 Apr 2020 00:20

Tgt Ion:178 Resp: 1659021  
Ion Ratio Lower Upper  
178 100  
176 21.0 15.9 23.9  
179 17.5 13.2 19.8





#73

Carbazole

Concen: 54.16 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

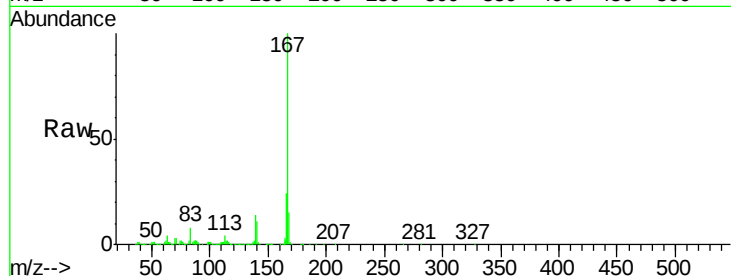
Tgt Ion:167 Resp: 1510569

Ion Ratio Lower Upper

167 100

166 24.3 18.8 28.2

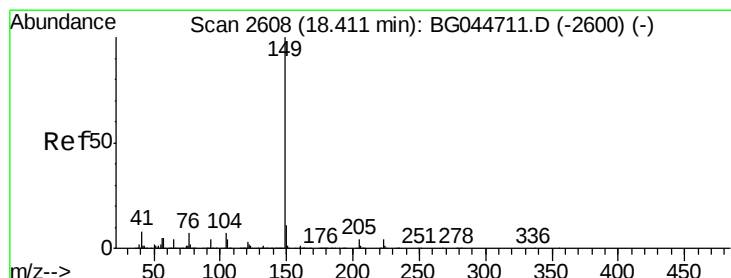
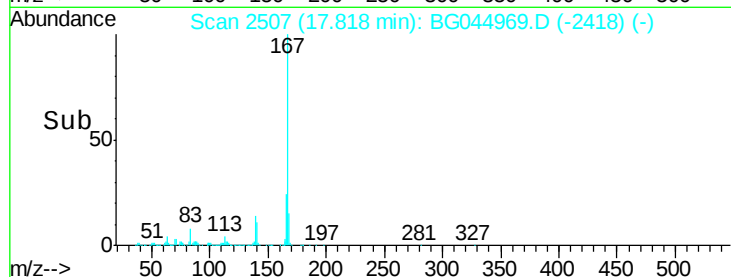
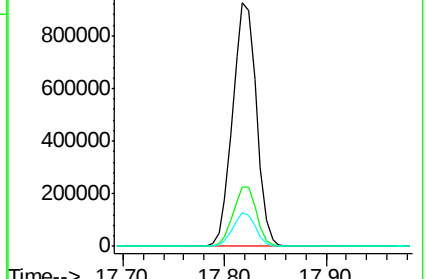
139 14.0 10.8 16.2



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: 53.91 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

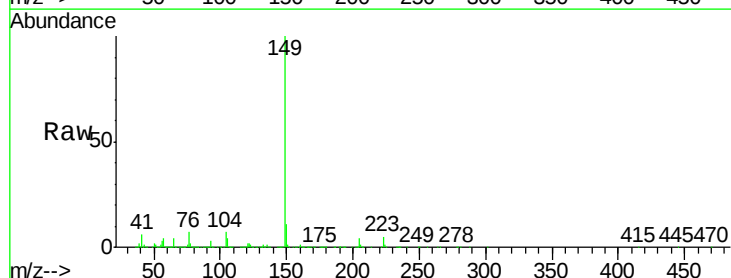
Tgt Ion:149 Resp: 1827856

Ion Ratio Lower Upper

149 100

150 11.1 8.1 12.1

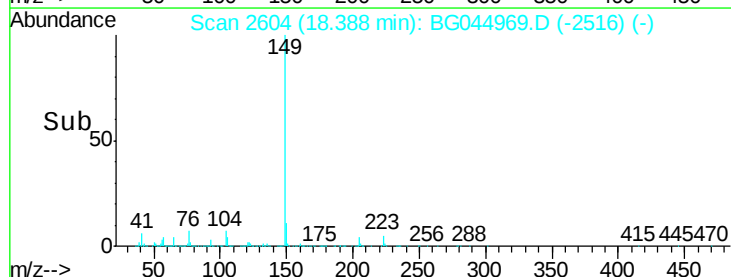
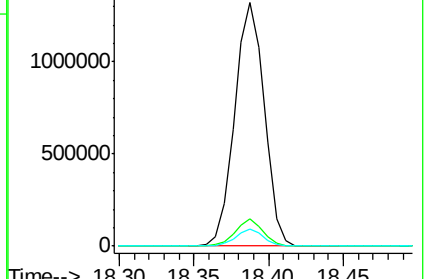
104 6.9 5.0 7.4

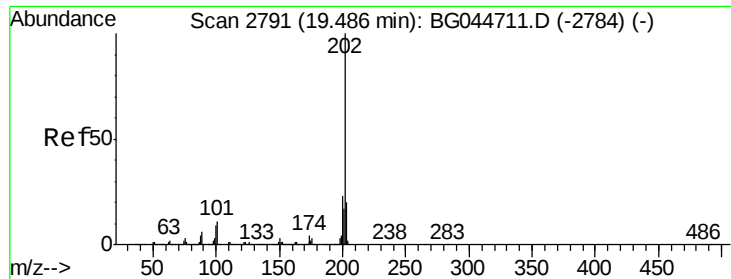


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 57.69 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

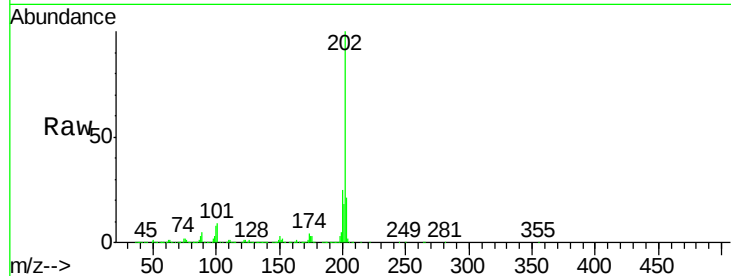
Tgt Ion:202 Resp: 2022617

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.8

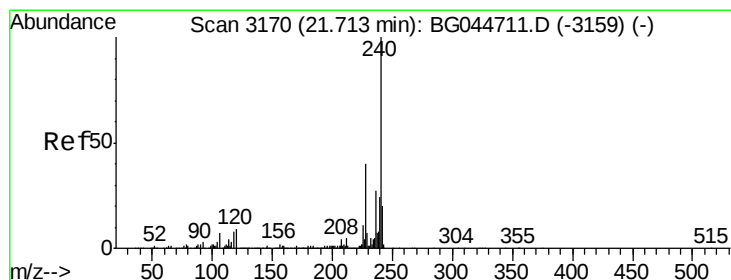
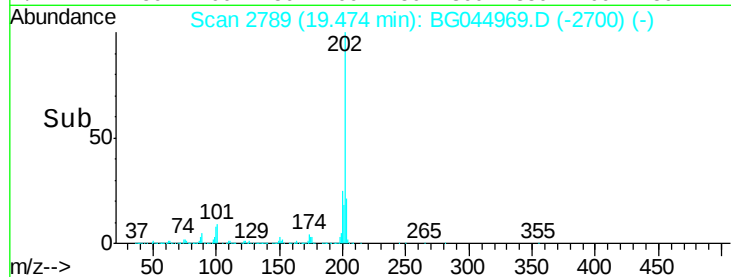
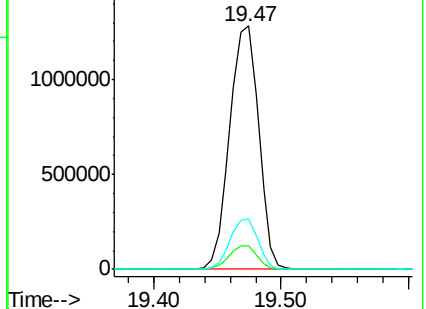
203 20.8 0.0 39.4



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: 20.00 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

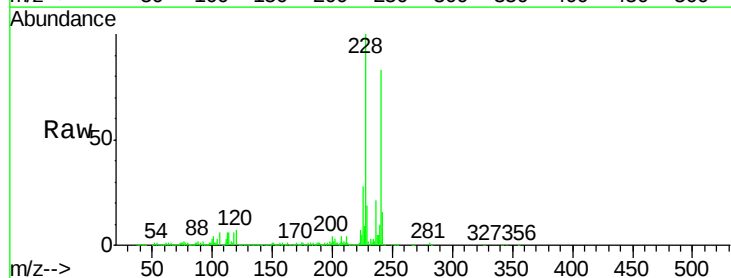
Tgt Ion:240 Resp: 530085

Ion Ratio Lower Upper

240 100

120 8.2 6.7 10.1

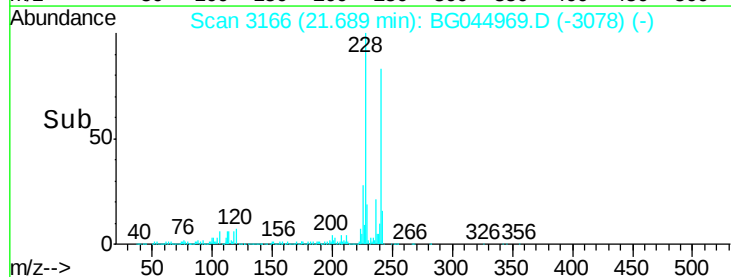
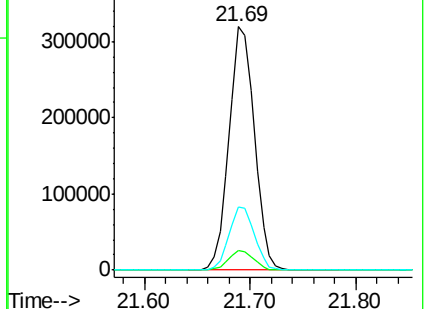
236 25.9 21.5 32.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.88 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

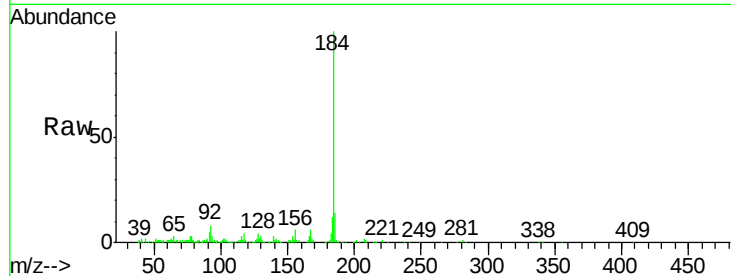
Tgt Ion:184 Resp: 273255

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.4

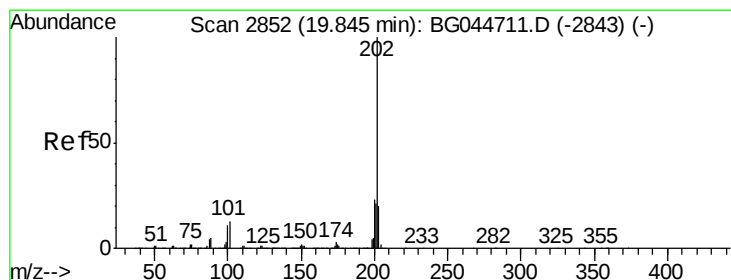
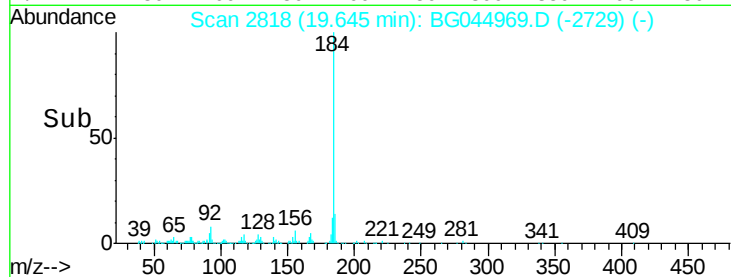
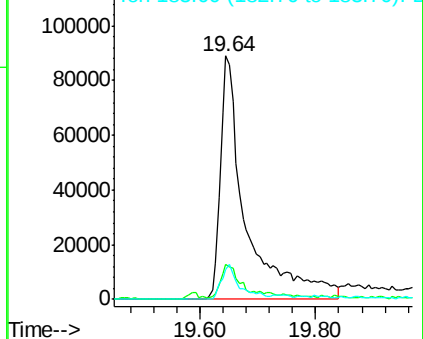
183 12.4 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.61 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

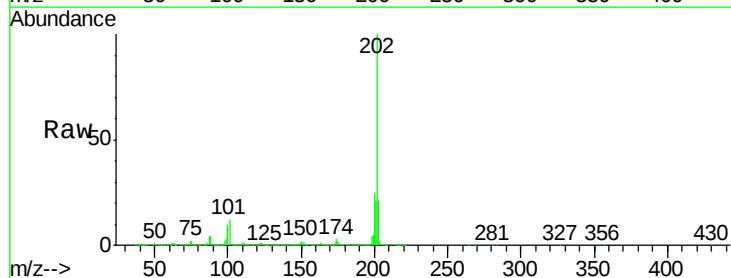
Tgt Ion:202 Resp: 2007196

Ion Ratio Lower Upper

202 100

200 25.3 18.3 27.5

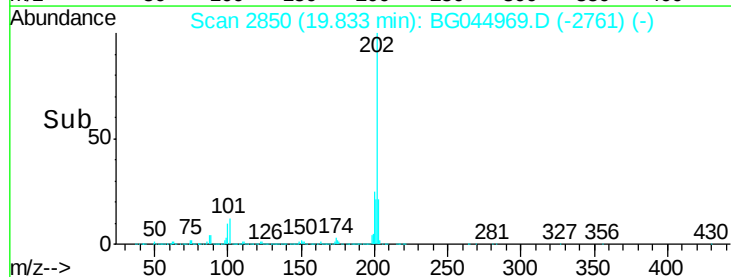
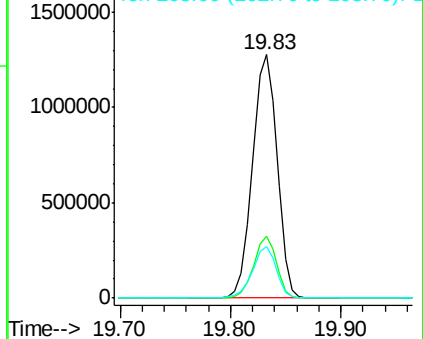
203 20.9 15.6 23.4

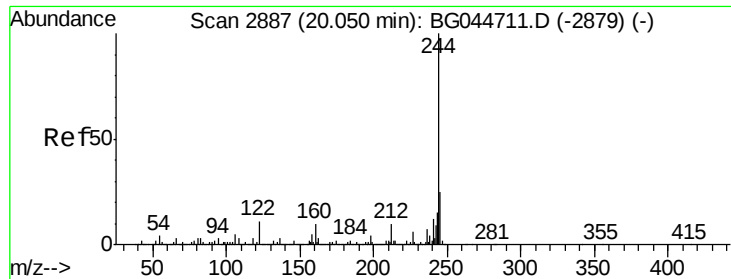


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.93 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

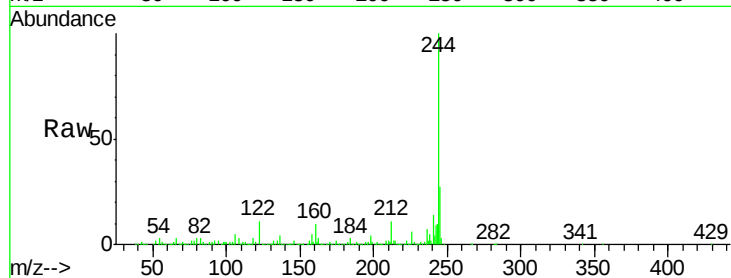
Tgt Ion:244 Resp: 2690095

Ion Ratio Lower Upper

244 100

212 11.0 7.7 11.5

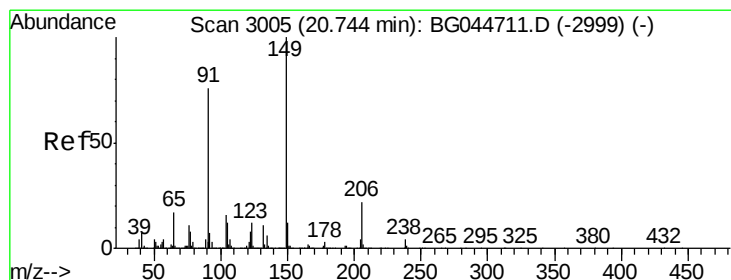
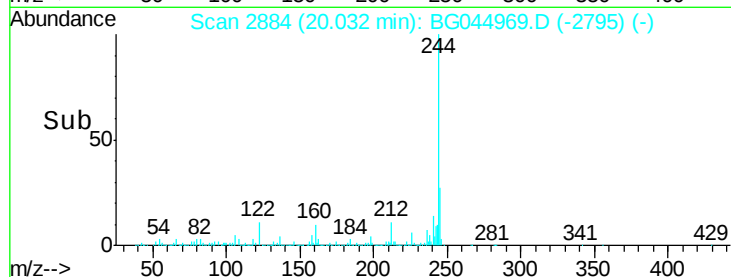
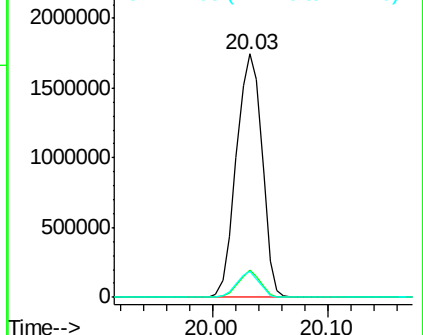
122 10.8 8.6 12.8



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: 49.77 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

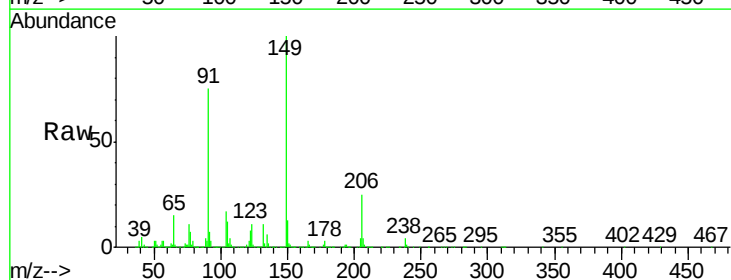
Tgt Ion:149 Resp: 861070

Ion Ratio Lower Upper

149 100

91 75.4 60.2 90.4

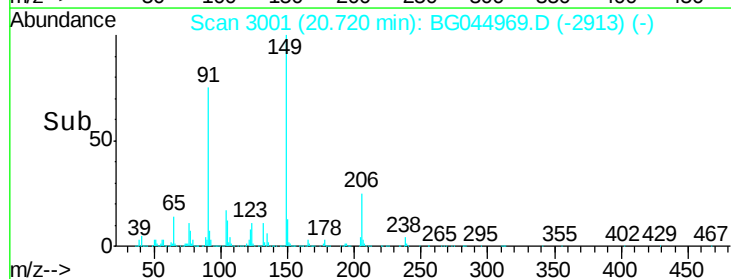
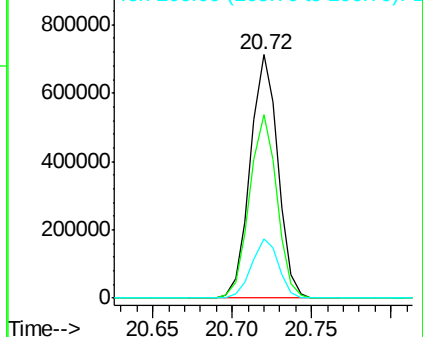
206 24.6 18.6 27.8

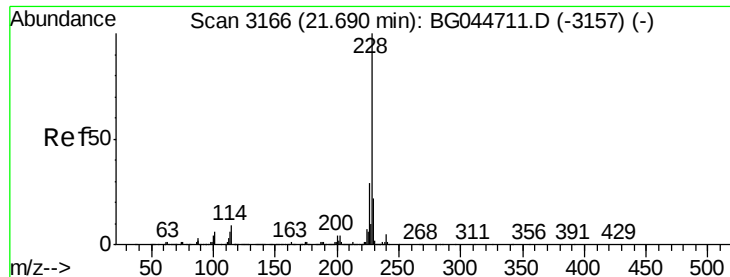


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.27 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

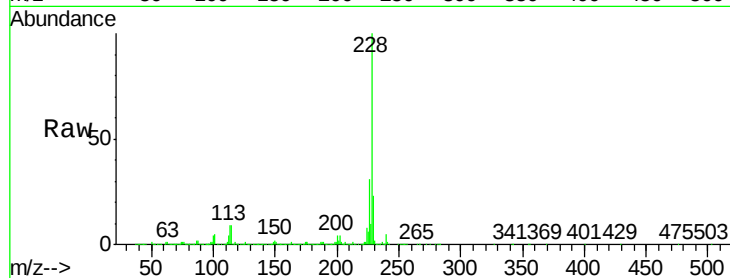
Tgt Ion:228 Resp: 1957067

Ion Ratio Lower Upper

228 100

226 31.0 23.6 35.4

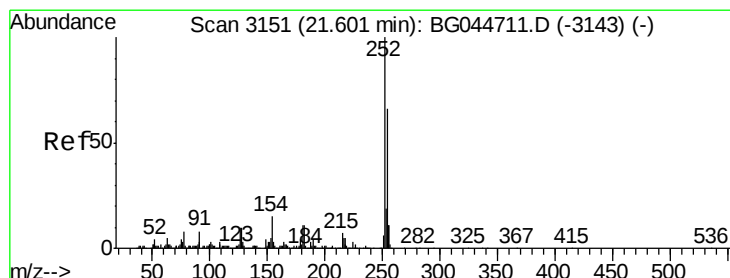
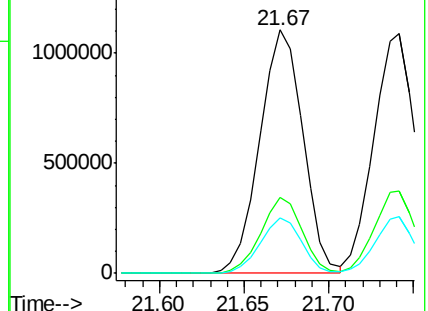
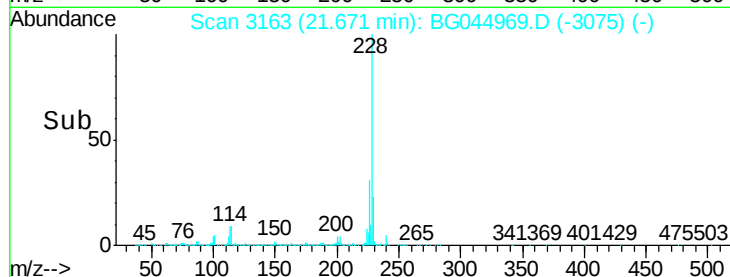
229 22.5 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.61 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

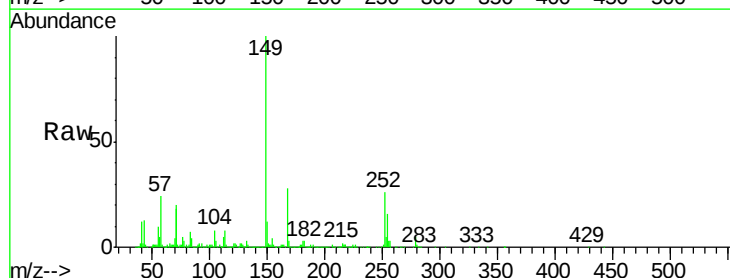
Tgt Ion:252 Resp: 260023

Ion Ratio Lower Upper

252 100

254 62.0 51.6 77.4

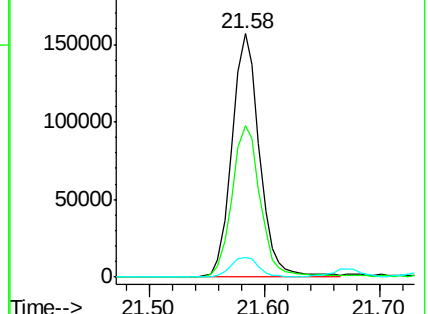
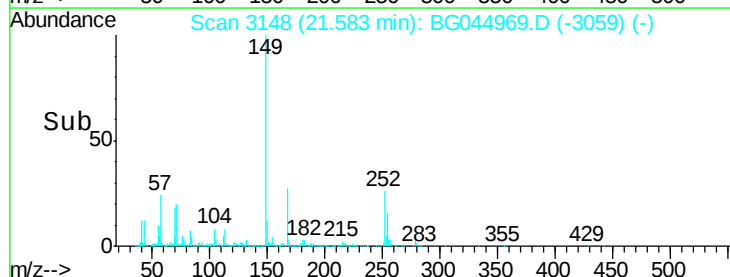
126 8.0 7.0 10.6

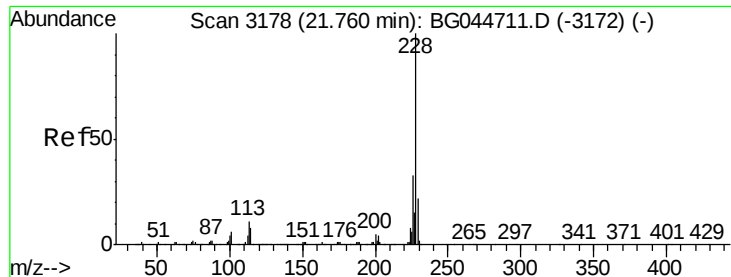


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.14 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

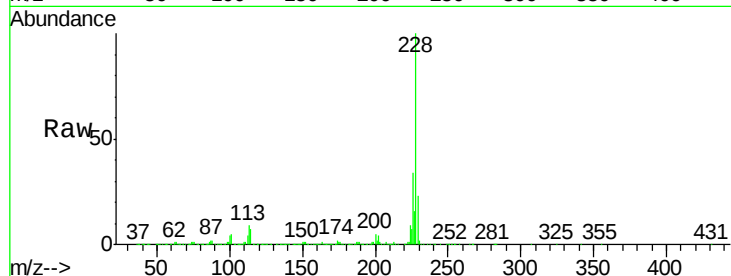
Tgt Ion:228 Resp: 1864521

Ion Ratio Lower Upper

228 100

226 34.2 25.9 38.9

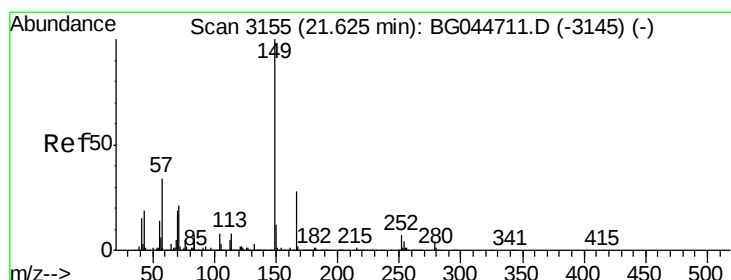
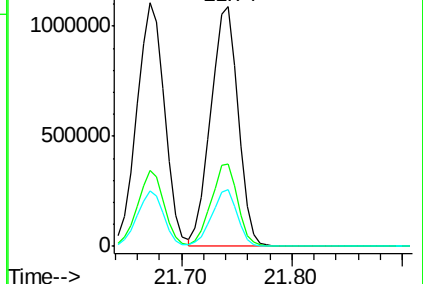
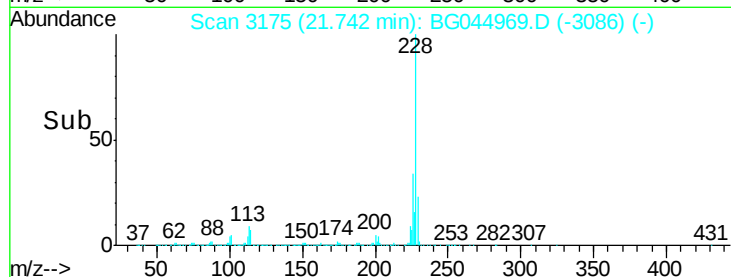
229 23.4 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.36 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

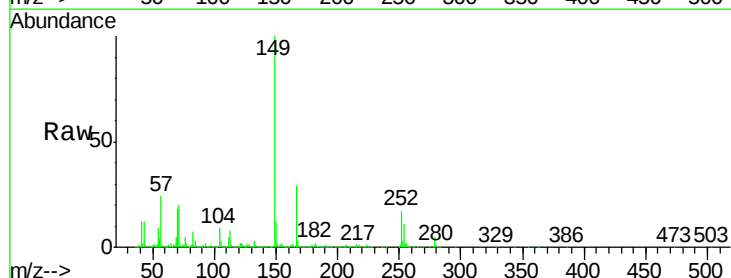
Tgt Ion:149 Resp: 1202444

Ion Ratio Lower Upper

149 100

167 28.7 21.8 32.6

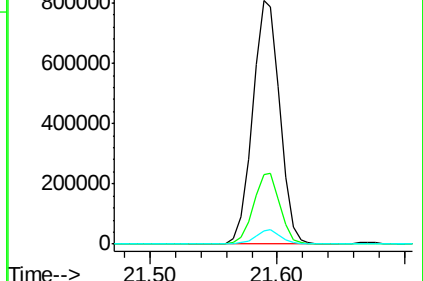
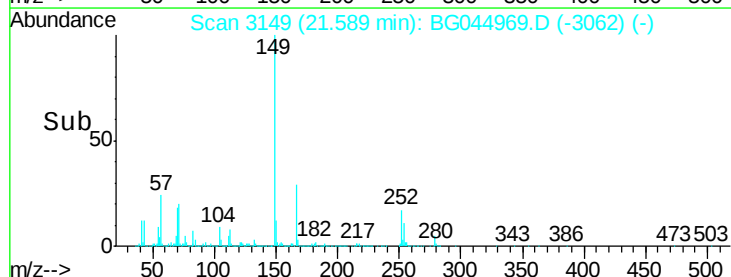
279 5.5 3.8 5.6

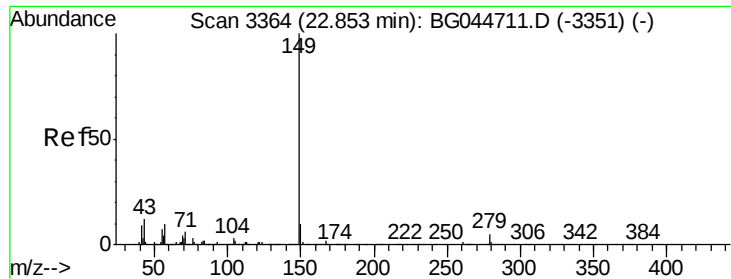


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

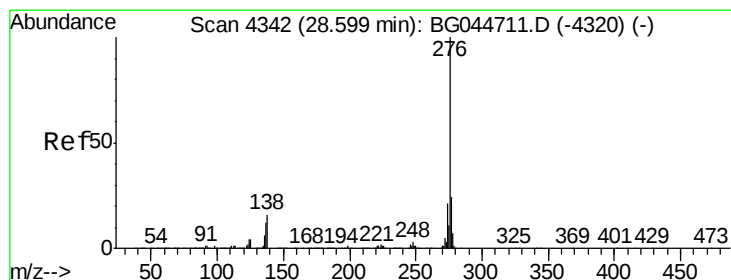
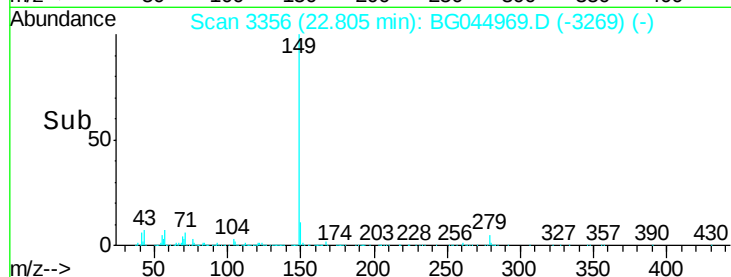
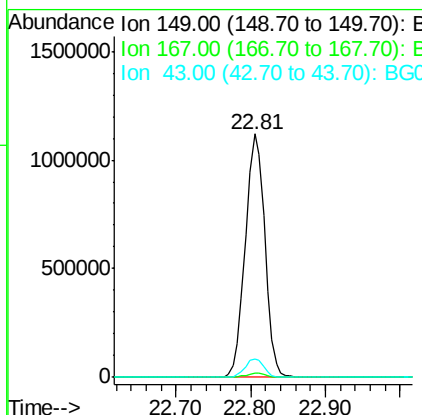
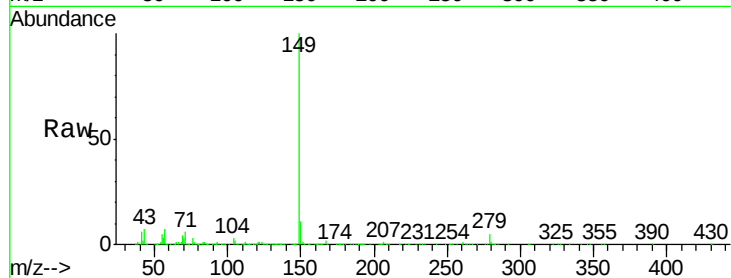




#85  
 Di-n-octyl phthalate  
 Concen: 50.77 ng  
 RT: 22.81 min Scan# 3356  
 Delta R.T. -0.02 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

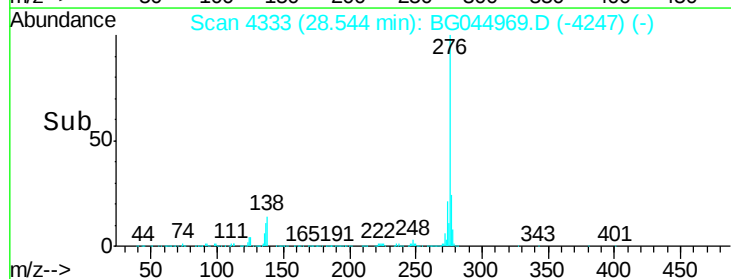
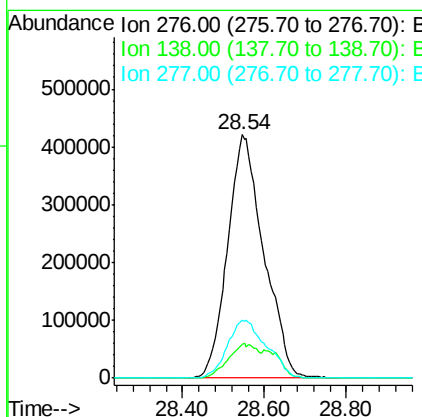
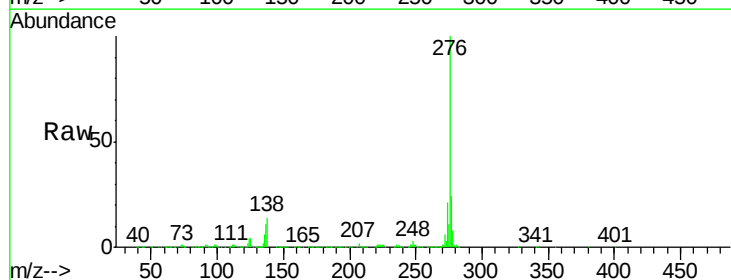
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

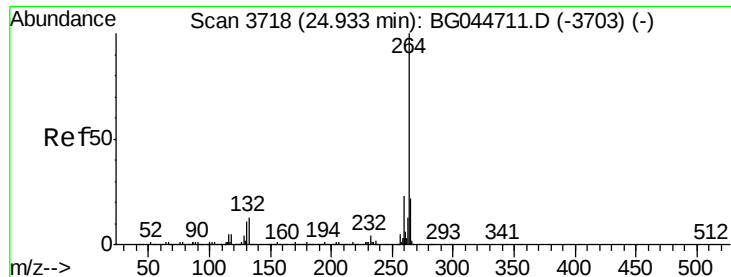
Tgt Ion:149 Resp: 2028851  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 1.4 2.0  
 43 7.3 8.2 12.4#



#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 53.99 ng  
 RT: 28.54 min Scan# 4333  
 Delta R.T. -0.02 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

Tgt Ion:276 Resp: 2580812  
 Ion Ratio Lower Upper  
 276 100  
 138 11.5 7.4 11.0#  
 277 25.7 20.8 31.2





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

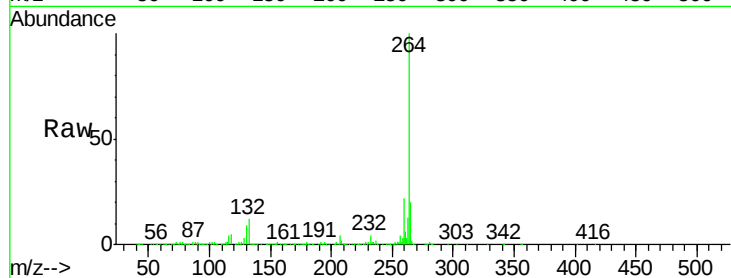
Tgt Ion:264 Resp: 571220

Ion Ratio Lower Upper

264 100

260 22.5 18.1 27.1

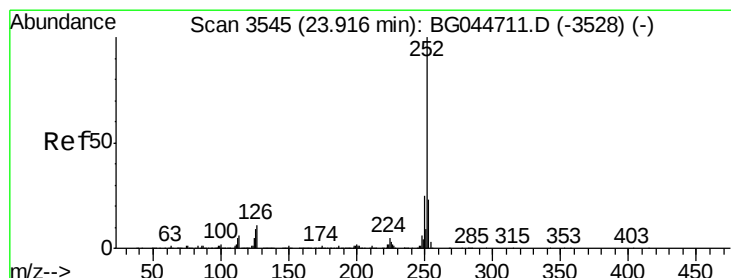
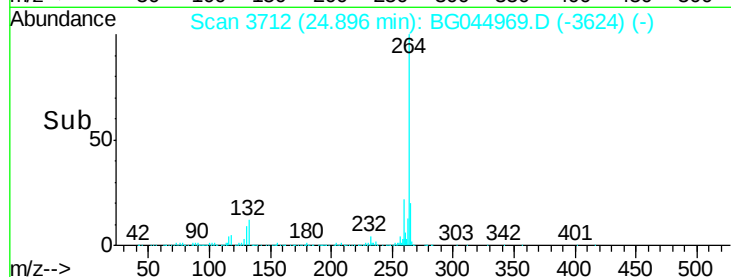
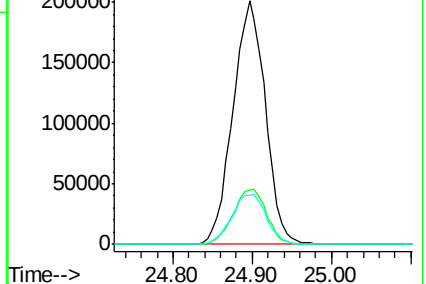
265 20.3 17.1 25.7



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: 57.73 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

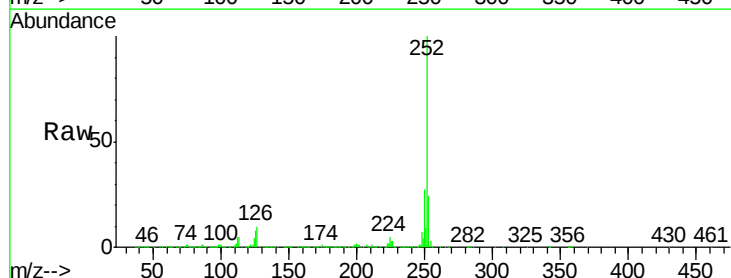
Tgt Ion:252 Resp: 2176961

Ion Ratio Lower Upper

252 100

253 24.2 18.1 27.1

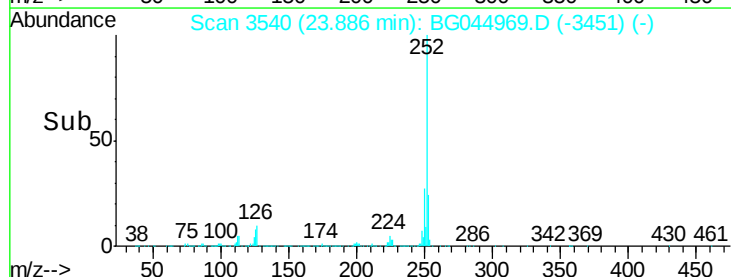
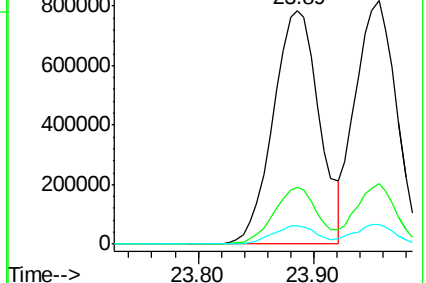
125 8.0 6.6 9.8

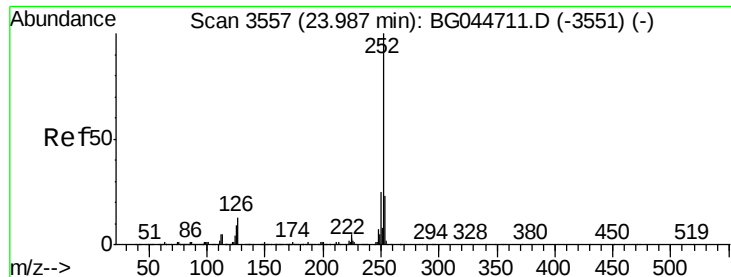


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 56.42 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA\_G

ClientSampleId :

TR-05-040320MSD

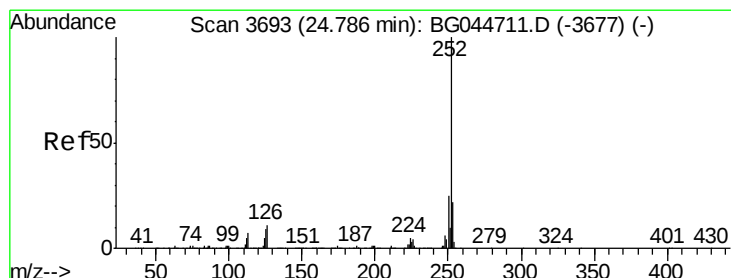
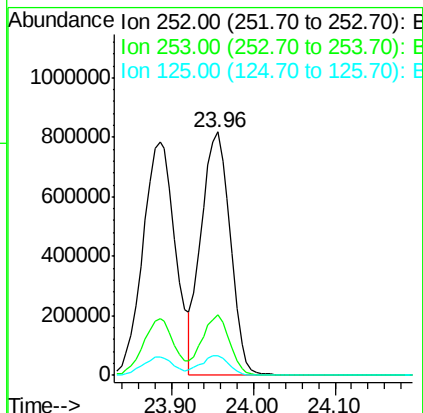
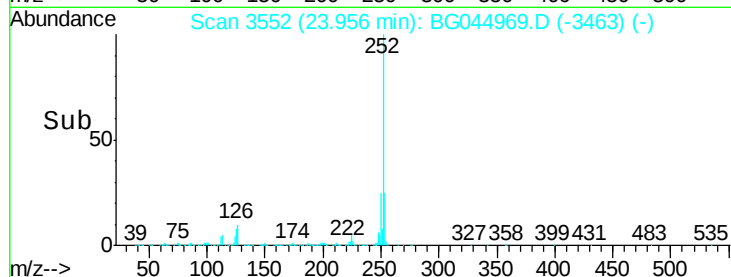
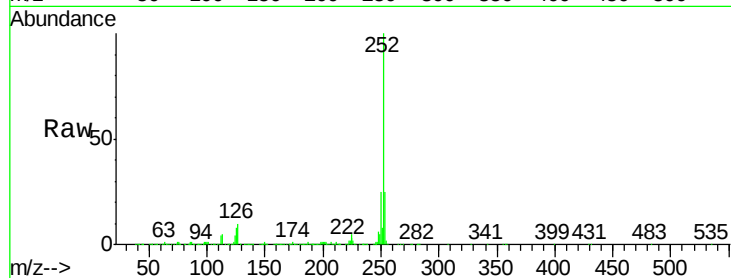
Tgt Ion:252 Resp: 2013494

Ion Ratio Lower Upper

252 100

253 24.8 18.5 27.7

125 8.0 6.2 9.2



#90

Benzo(a)pyrene

Concen: 55.63 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

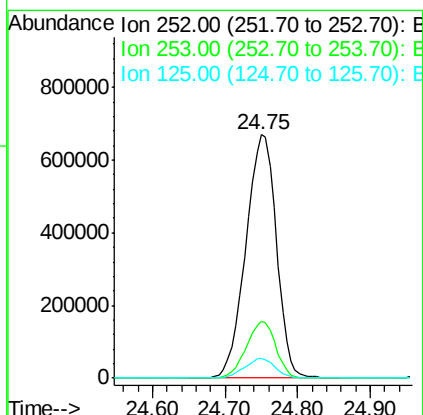
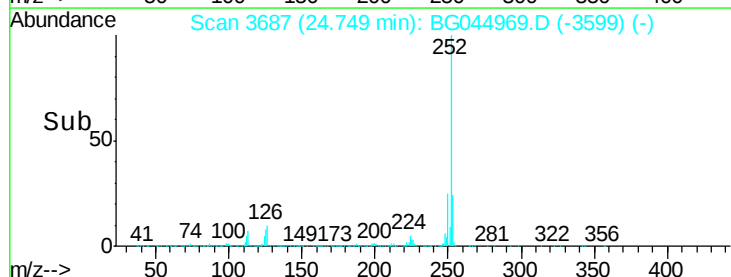
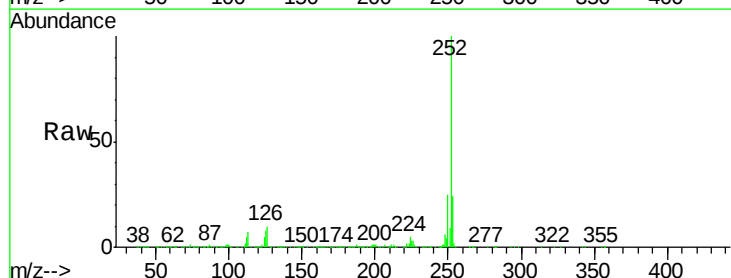
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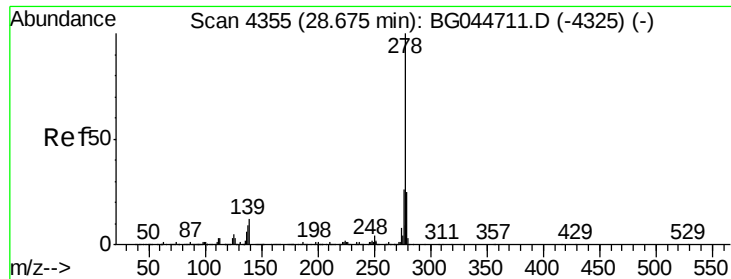
Ion Ratio Lower Upper

252 100

253 23.6 19.4 29.0

125 8.2 7.2 10.8

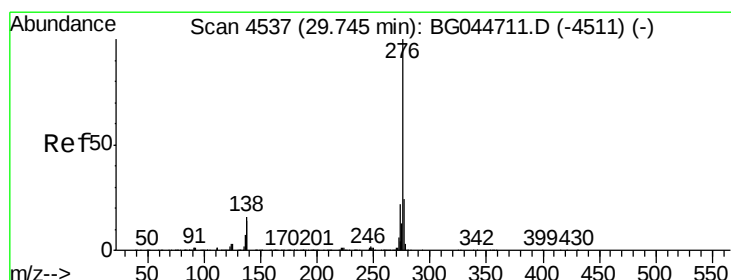
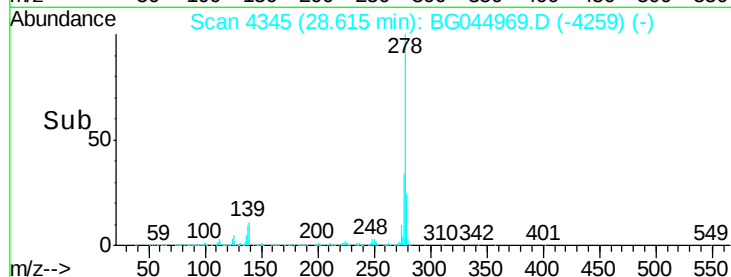
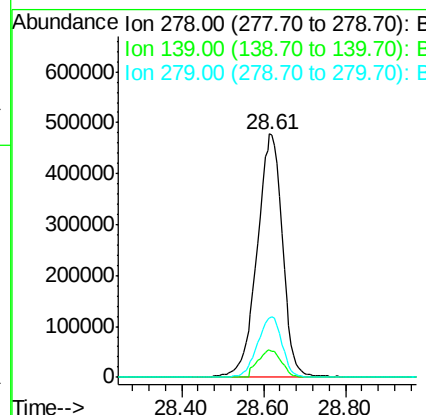
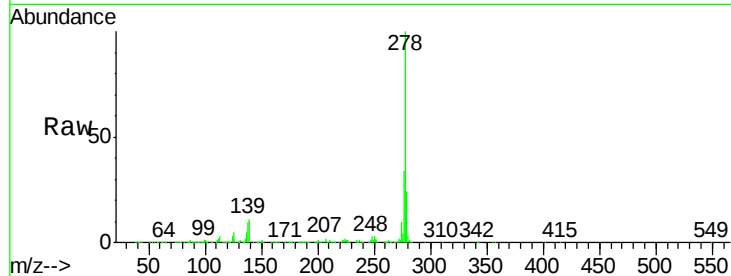




#91  
 Dibenzo(a,h)anthracene  
 Concen: 59.13 ng  
 RT: 28.61 min Scan# 4345  
 Delta R.T. -0.02 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-05-040320MSD

Tgt Ion:278 Resp: 2058545  
 Ion Ratio Lower Upper  
 278 100  
 139 11.4 10.2 15.2  
 279 24.2 18.9 28.3



#92  
 Benzo(g,h,i)perylene  
 Concen: 59.75 ng  
 RT: 29.69 min Scan# 4528  
 Delta R.T. -0.02 min  
 Lab File: BG044969.D  
 Acq: 8 Apr 2020 00:20

Tgt Ion:276 Resp: 2101590  
 Ion Ratio Lower Upper  
 276 100  
 277 24.9 20.1 30.1  
 138 15.0 13.0 19.6

