

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\  
 Data File : BG044994.D  
 Acq On : 15 Apr 2020 22:56  
 Operator : CG/JU  
 Sample : L2123-09MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-041420MSD

Quant Time: Apr 16 05:03:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 15 17:57:00 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 71750    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 311153   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 245815   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 613552   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.67 | 240  | 571295   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.85 | 264  | 642289   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.60  | 112 | 635302  | 146.18 | ng | 0.00 |
| 7) Phenol-d6                | 7.19  | 99  | 857182  | 132.75 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.18  | 82  | 662881  | 97.21  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.15 | 330 | 582032  | 153.27 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.29 | 172 | 1568850 | 93.58  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.02 | 244 | 2749249 | 104.89 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.49  | 88  | 84971  | 43.994 | ng | # 38 |
| 3) Pyridine                    | 3.89  | 79  | 209788 | 35.277 | ng | 99   |
| 4) n-Nitrosodimethylamine      | 3.80  | 42  | 92458  | 50.753 | ng | 99   |
| 6) Aniline                     | 7.34  | 93  | 259050 | 30.856 | ng | 99   |
| 8) 2-Chlorophenol              | 7.59  | 128 | 272376 | 58.315 | ng | 98   |
| 9) Benzaldehyde                | 7.15  | 77  | 136858 | 36.686 | ng | 99   |
| 10) Phenol                     | 7.21  | 94  | 315602 | 48.844 | ng | 97   |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 261070 | 50.748 | ng | 92   |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 213191 | 38.735 | ng | 100  |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 219725 | 40.065 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 210777 | 40.173 | ng | 95   |
| 15) Benzyl Alcohol             | 8.26  | 79  | 293144 | 54.149 | ng | 93   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 237531 | 47.036 | ng | 96   |
| 17) 2-Methylphenol             | 8.47  | 107 | 250348 | 50.217 | ng | 95   |
| 18) Hexachloroethane           | 9.11  | 117 | 76368  | 37.041 | ng | 97   |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 238434 | 52.214 | ng | 100  |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 350875 | 50.283 | ng | 97   |
| 22) Acetophenone               | 8.84  | 105 | 436976 | 51.932 | ng | 98   |
| 24) Nitrobenzene               | 9.22  | 77  | 346097 | 49.513 | ng | 98   |
| 25) Isophorone                 | 9.75  | 82  | 699911 | 50.120 | ng | 98   |
| 26) 2-Nitrophenol              | 9.94  | 139 | 161074 | 53.497 | ng | 98   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 268388 | 56.178 | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 386266 | 52.644 | ng | 97   |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 310345 | 56.258 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180 | 276116 | 44.208 | ng | 93   |
| 31) Naphthalene                | 10.88 | 128 | 805540 | 47.325 | ng | 98   |
| 32) Benzoic acid               | 10.14 | 122 | 161531 | 42.670 | ng | 98   |
| 33) 4-Chloroaniline            | 10.98 | 127 | 37233  | 4.690  | ng | 94   |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 169923 | 39.681 | ng | 96   |
| 35) Caprolactam                | 11.75 | 113 | 44406  | 20.226 | ng | 92   |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 373148 | 57.581 | ng | 100  |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 663189 | 50.197 | ng | 97   |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 649988 | 52.113 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 365754 | 46.213 | ng | 99   |

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 ALS Vial : 15 Sample Multiplier: 1

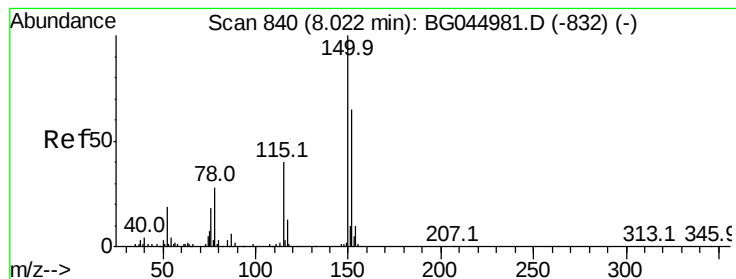
Instrument :  
 BNA\_G  
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 TR-04-041420MSD

Quant Time: Apr 16 05:03:27 2020  
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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.85 | 237  | 399505   | 80.761  | nq    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 290304   | 51.972  | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 313265   | 49.270  | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 886425   | 47.444  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 687641   | 48.167  | nq    | 99       |
| 48) 2-Nitroaniline             | 13.73 | 65   | 245663   | 52.301  | nq    | 98       |
| 49) Acenaphthylene             | 14.38 | 152  | 1158025  | 49.799  | nq    | 98       |
| 50) Dimethylphthalate          | 14.11 | 163  | 1044910  | 52.205  | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 241207   | 53.879  | nq    | 98       |
| 52) Acenaphthene               | 14.73 | 154  | 745927   | 47.410  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.55 | 138  | 78431    | 15.973  | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 273219   | 102.634 | nq    | 96       |
| 55) Dibenzofuran               | 15.06 | 168  | 1163339  | 50.716  | nq    | 98       |
| 56) 4-Nitrophenol              | 14.87 | 139  | 347299   | 91.224  | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 15.01 | 165  | 343843   | 52.556  | nq    | # 98     |
| 58) Fluorene                   | 15.71 | 166  | 971247   | 51.838  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 317399   | 56.104  | nq    | 99       |
| 60) Diethylphthalate           | 15.48 | 149  | 1076518  | 51.587  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 540772   | 50.144  | nq    | 97       |
| 62) 4-Nitroaniline             | 15.72 | 138  | 245316   | 48.170  | nq    | 99       |
| 63) Azobenzene                 | 15.99 | 77   | 1014691  | 52.740  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 218331   | 54.137  | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 902461   | 51.193  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.59 | 248  | 389682   | 49.231  | nq    | 98       |
| 68) Hexachlorobenzene          | 16.72 | 284  | 415002   | 50.554  | nq    | 99       |
| 69) Atrazine                   | 16.86 | 200  | 388539   | 62.261  | nq    | 97       |
| 70) Pentachlorophenol          | 17.06 | 266  | 522623   | 103.778 | nq    | 97       |
| 71) Phenanthrene               | 17.44 | 178  | 1624848  | 51.535  | nq    | 98       |
| 72) Anthracene                 | 17.54 | 178  | 1658380  | 52.436  | nq    | 97       |
| 73) Carbazole                  | 17.80 | 167  | 1556045  | 48.483  | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.37 | 149  | 1825234  | 53.373  | nq    | 99       |
| 75) Fluoranthene               | 19.45 | 202  | 1995495  | 55.253  | nq    | 98       |
| 77) Benzidine                  | 19.62 | 184  | 505225   | 28.326  | nq    | 98       |
| 78) Pyrene                     | 19.81 | 202  | 1971922  | 50.067  | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 839619   | 51.429  | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.65 | 228  | 1909674  | 51.574  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.56 | 252  | 340831   | 23.126  | nq    | 96       |
| 83) Chrysene                   | 21.72 | 228  | 1838333  | 51.672  | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 1162165  | 51.759  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.78 | 149  | 1984195  | 51.102  | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.48 | 276  | 2539578  | 53.764  | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 23.85 | 252  | 2093412  | 52.033  | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 23.92 | 252  | 2009490  | 52.520  | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.71 | 252  | 1926042  | 50.704  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.56 | 278  | 2049239  | 53.538  | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 29.61 | 276  | 2069788  | 53.937  | nq    | 100      |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG044994.D

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BNA\_G

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TR-04-041420MSD

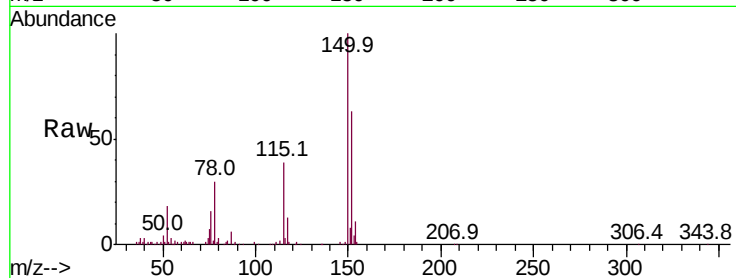
Tot Ion:152 Resp: 71750

Ion Ratio Lower Upper

152 100

150 159.7 123.6 185.4

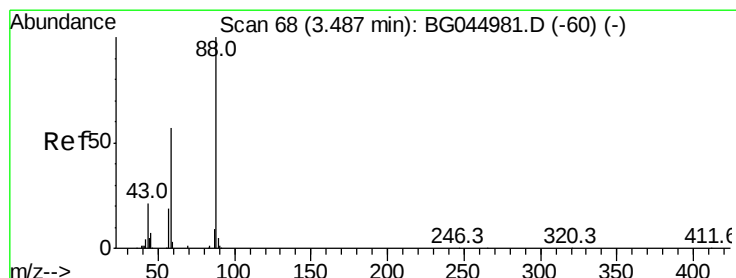
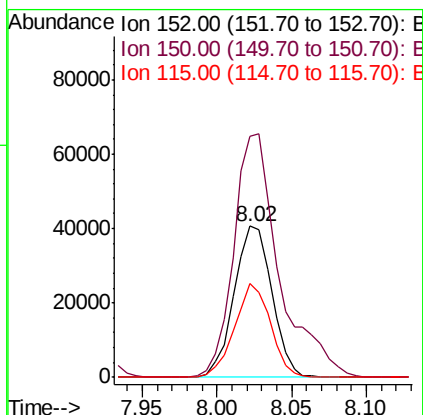
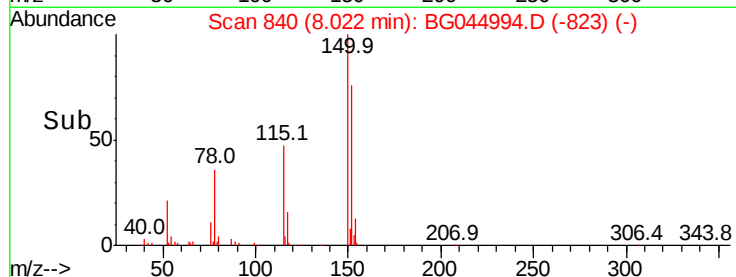
115 62.1 49.1 73.7



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: 43.994 ng

RT: 3.49 min Scan# 69

Delta R.T. 0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

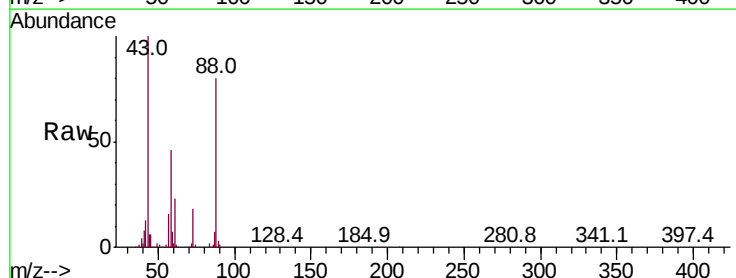
Tgt Ion: 88 Resp: 84971

Ion Ratio Lower Upper

88 100

58 60.2 46.6 69.8

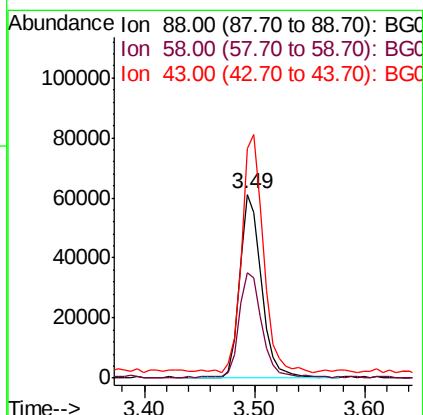
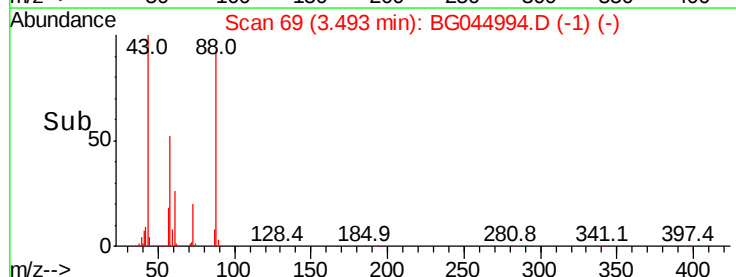
43 127.0 17.5 26.3#

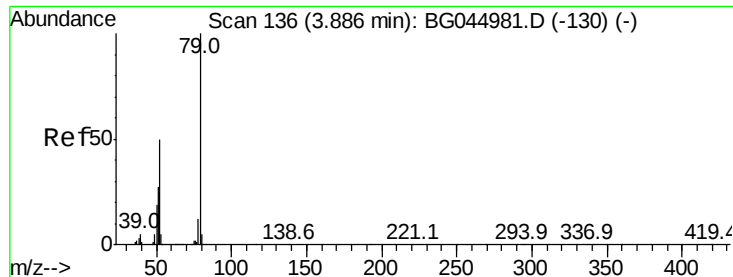


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.277 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

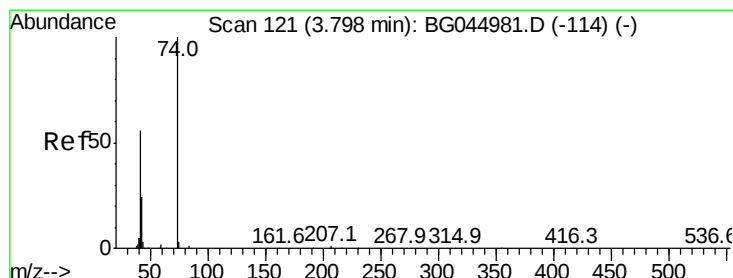
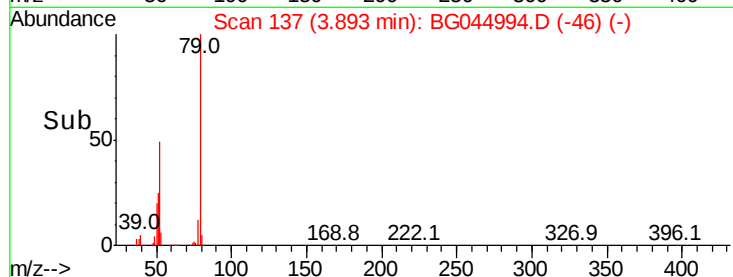
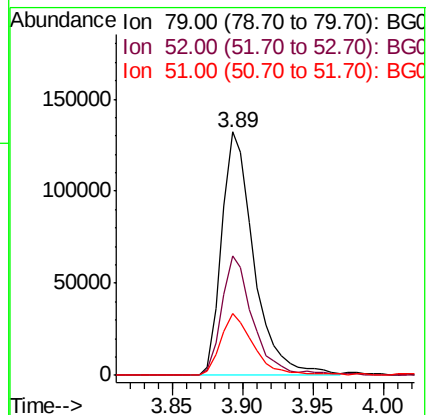
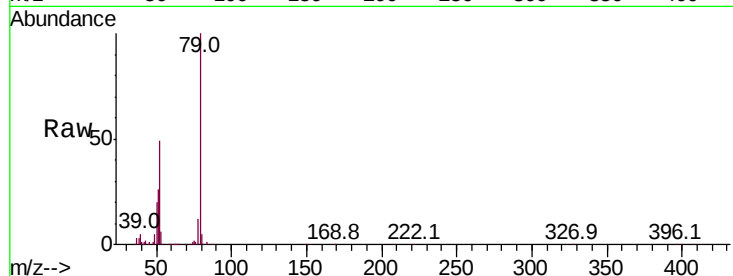
Tot Ion: 79 Resp: 209788

Ion Ratio Lower Upper

79 100

52 49.2 39.8 59.6

51 25.5 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 50.753 ng

RT: 3.80 min Scan# 121

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

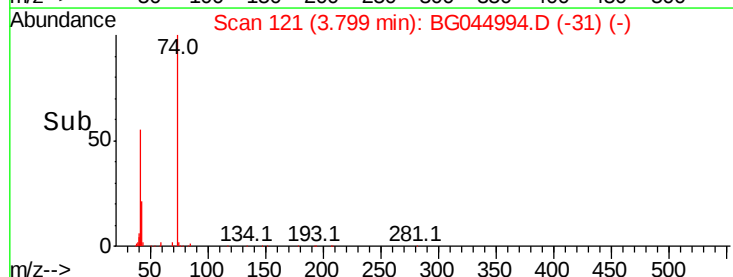
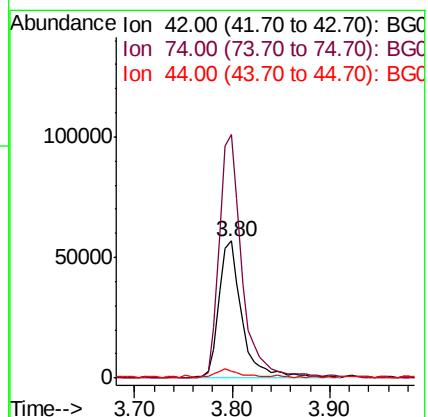
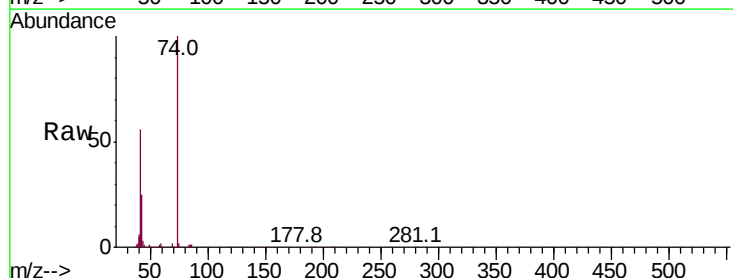
Tgt Ion: 42 Resp: 92458

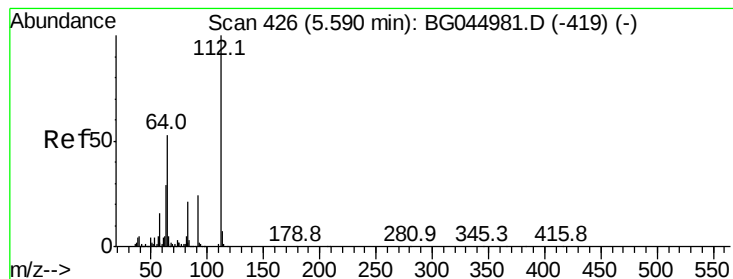
Ion Ratio Lower Upper

42 100

74 177.8 143.0 214.6

44 5.3 4.6 6.8





#5

2-Fluorophenol

Concen: 146.181 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

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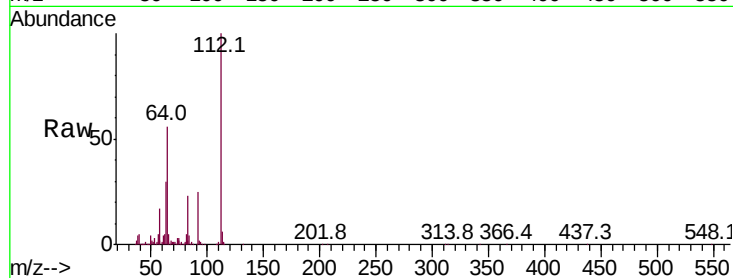
Tot Ion:112 Resp: 635302

Ion Ratio Lower Upper

112 100

64 55.9 42.4 63.6

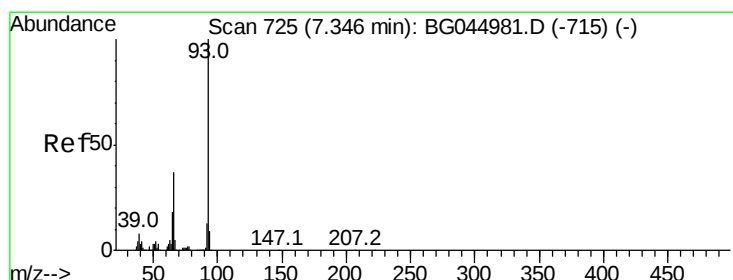
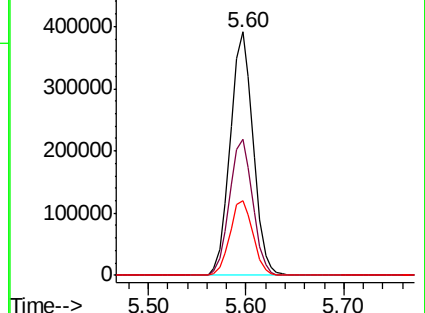
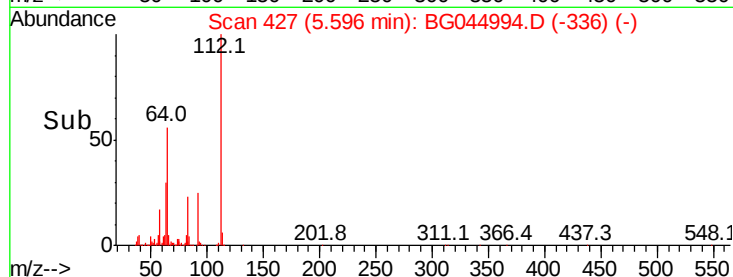
63 30.5 23.1 34.7



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: 30.856 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

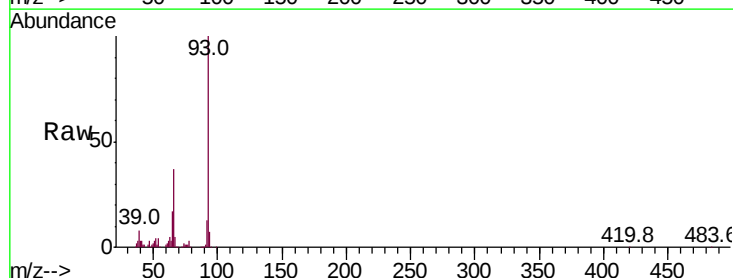
Tgt Ion: 93 Resp: 259050

Ion Ratio Lower Upper

93 100

66 37.2 29.8 44.8

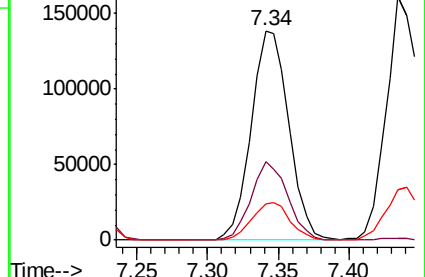
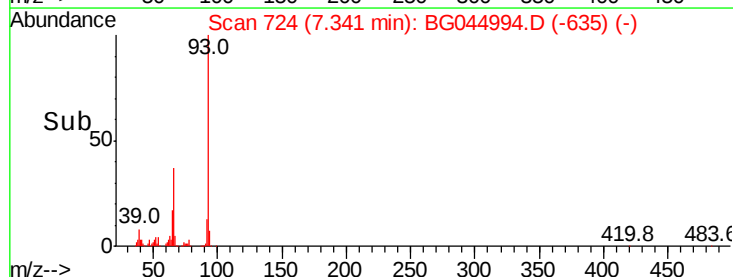
65 17.0 14.6 22.0

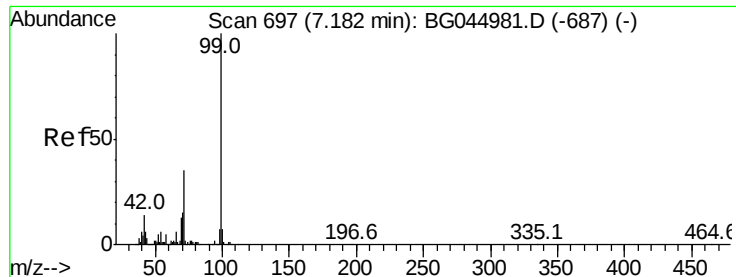


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.751 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

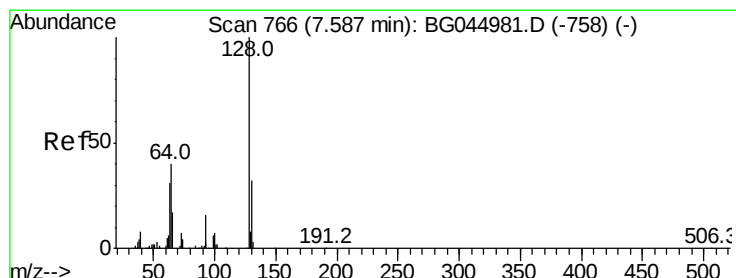
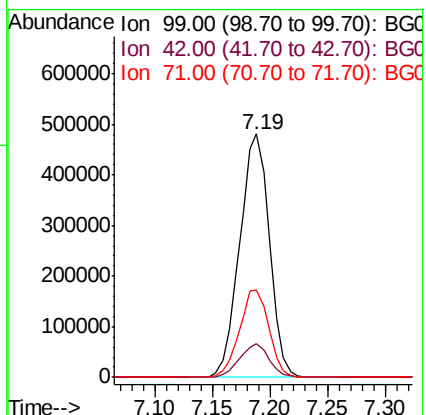
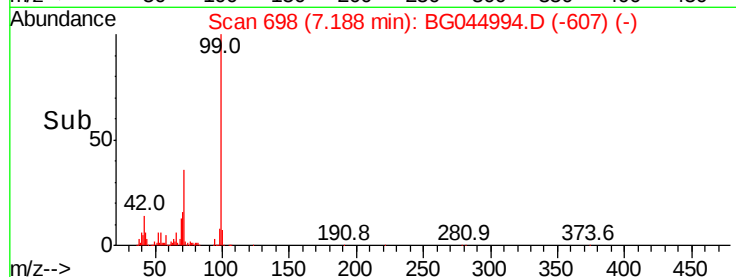
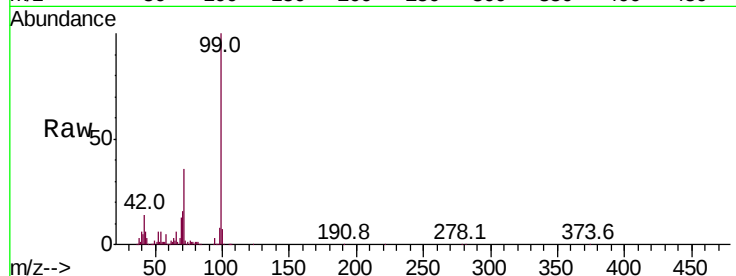
Tot Ion: 99 Resp: 857182

Ion Ratio Lower Upper

99 100

42 13.9 11.3 16.9

71 35.7 28.3 42.5



#8

2-Chlorophenol

Concen: 58.315 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

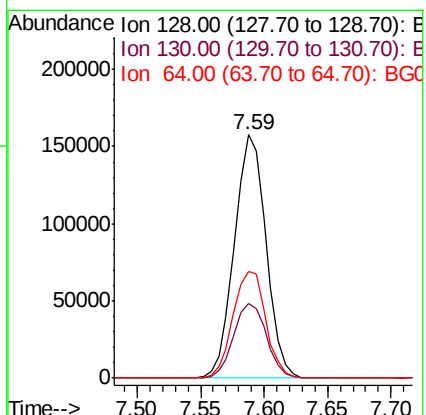
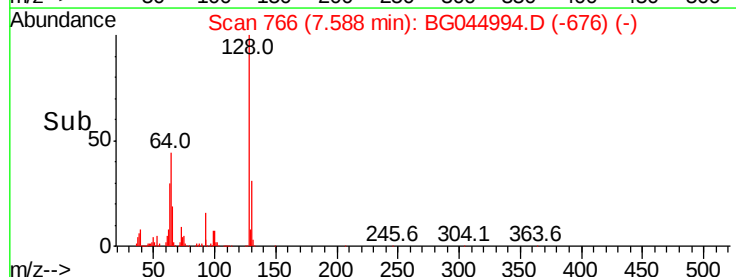
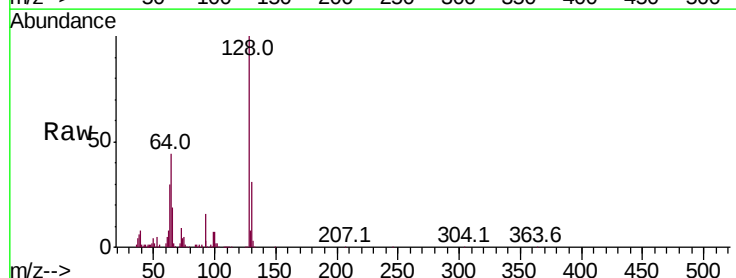
Tgt Ion: 128 Resp: 272376

Ion Ratio Lower Upper

128 100

130 30.5 12.3 52.3

64 43.6 24.4 64.4





#9

Benzaldehyde

Concen: 36.686 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG044994.D

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Instrument :

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ClientSampleId :

TR-04-041420MSD

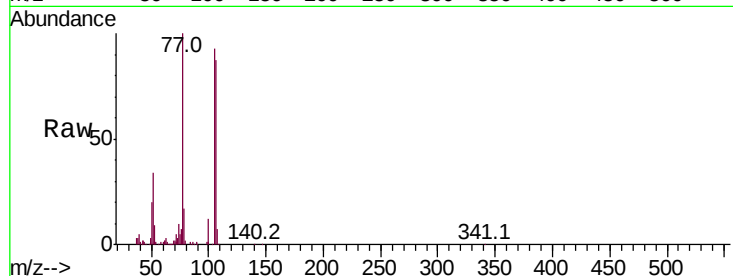
Tot Ion: 77 Resp: 136858

Ion Ratio Lower Upper

77 100

105 93.3 72.9 112.9

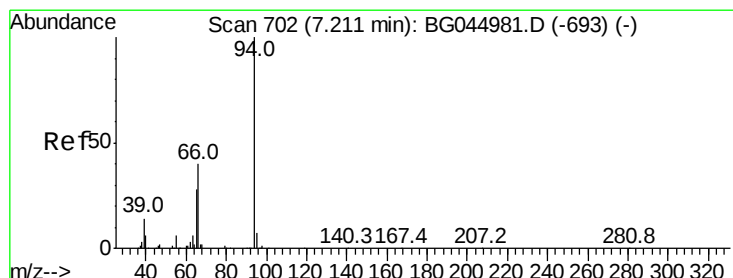
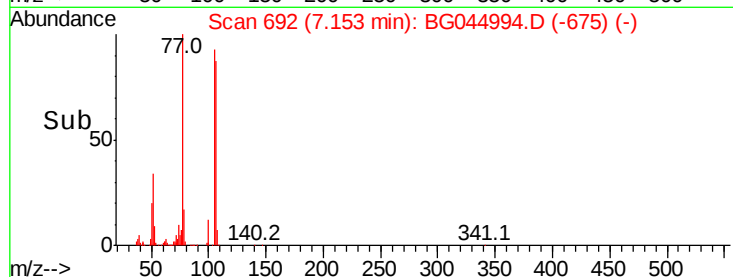
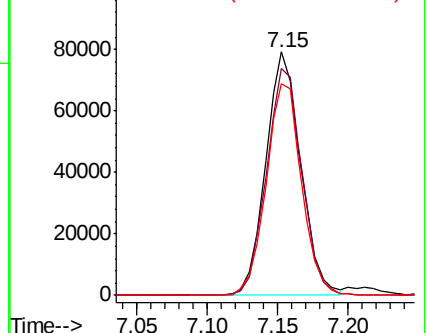
106 86.9 67.6 107.6



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: 48.844 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

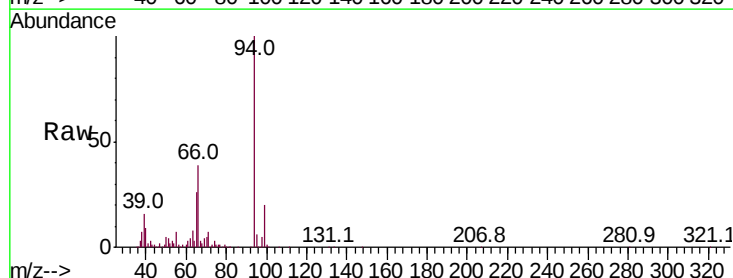
Tgt Ion: 94 Resp: 315602

Ion Ratio Lower Upper

94 100

65 26.1 8.2 48.2

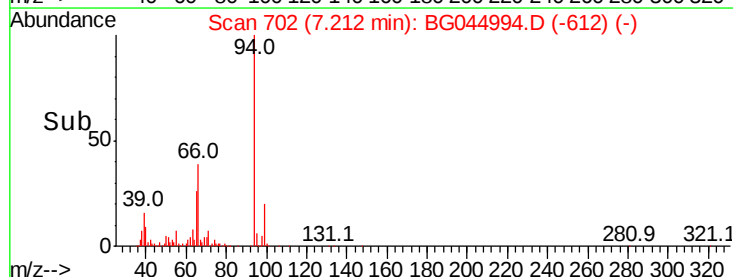
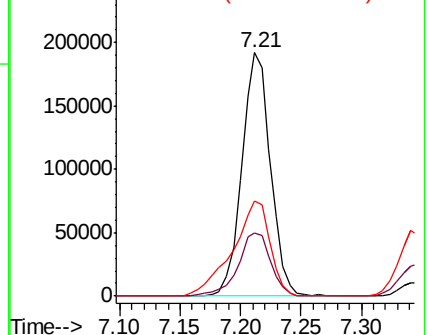
66 39.3 20.4 60.4

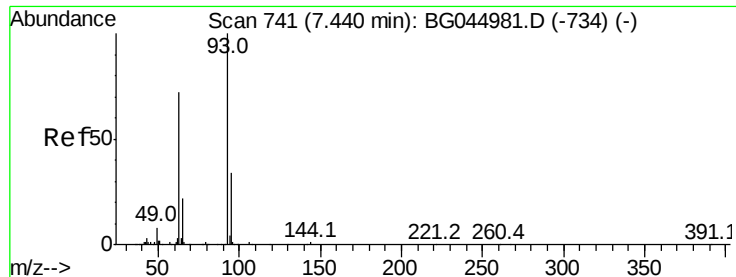


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

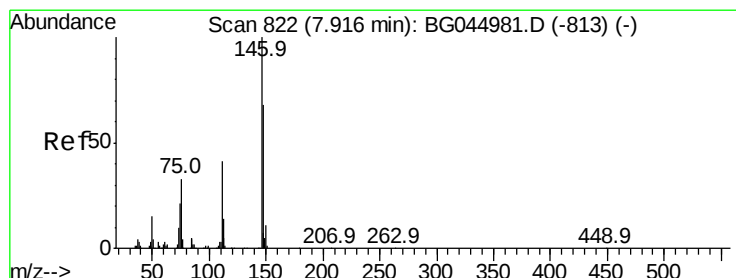
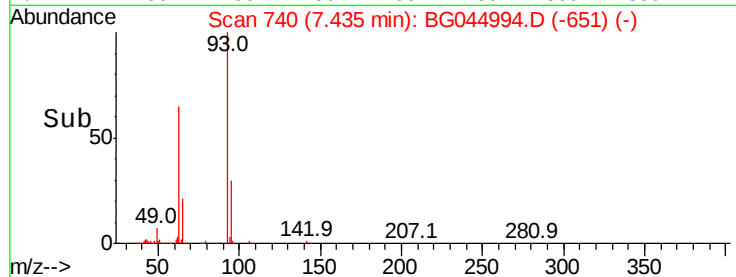
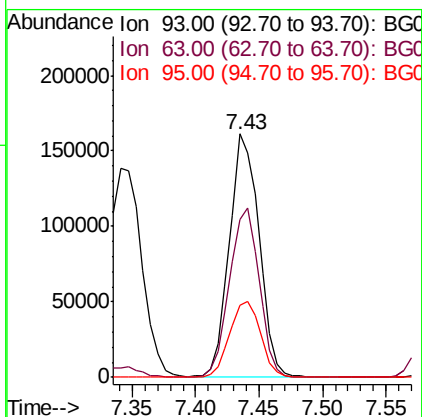
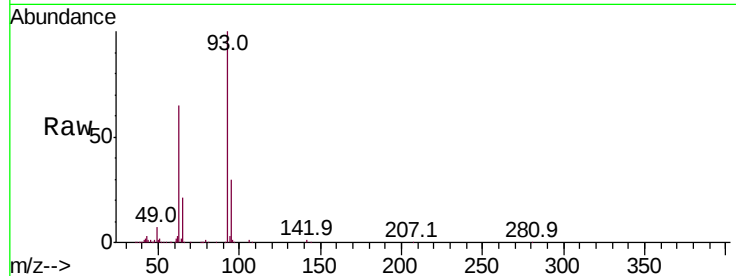




#11  
 bis(2-Chloroethyl)ether  
 Concen: 50.748 ng  
 RT: 7.43 min Scan# 740  
 Delta R.T. -0.01 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

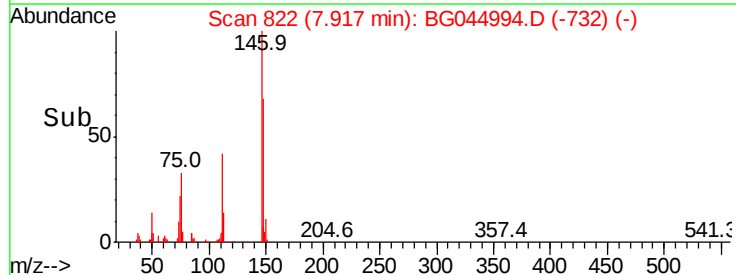
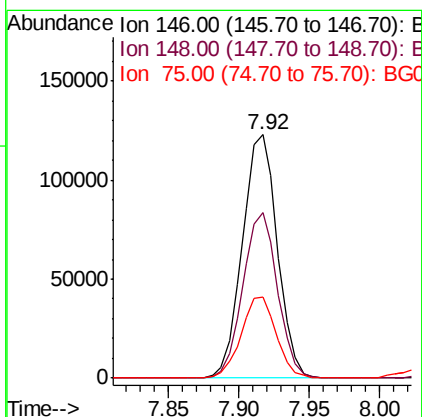
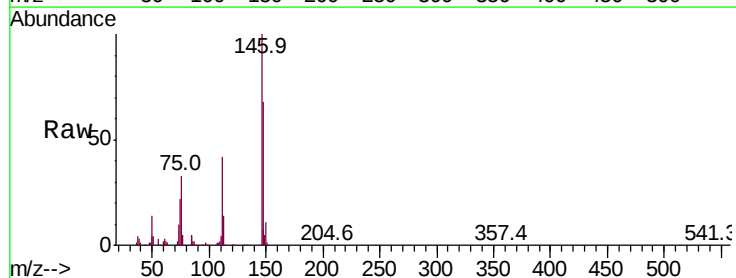
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-041420MSD

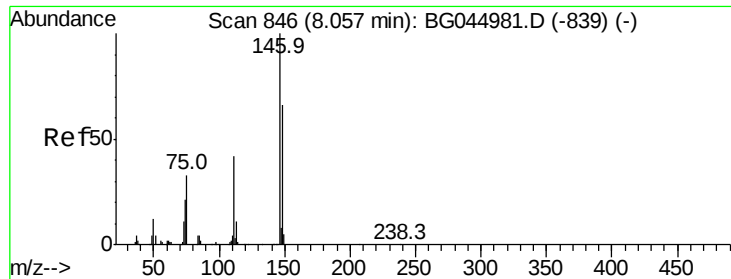
| Tot Ion   | 93   | Resp  | 261070 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 63        | 64.8 | 51.8  | 91.8   |
| 95        | 29.8 | 13.8  | 53.8   |



#12  
 1,3-Dichlorobenzene  
 Concen: 38.735 ng  
 RT: 7.92 min Scan# 822  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

| Tgt Ion   | 146  | Resp  | 213191 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 148       | 68.1 | 54.6  | 81.8   |
| 75        | 33.1 | 26.0  | 39.0   |

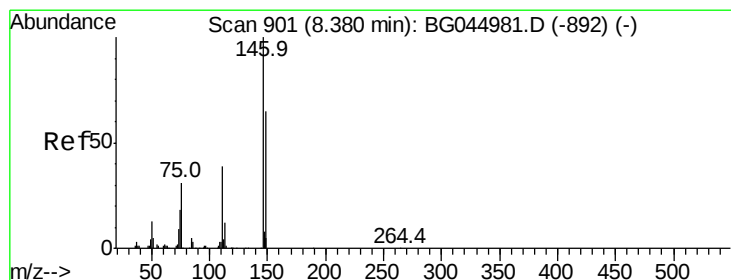
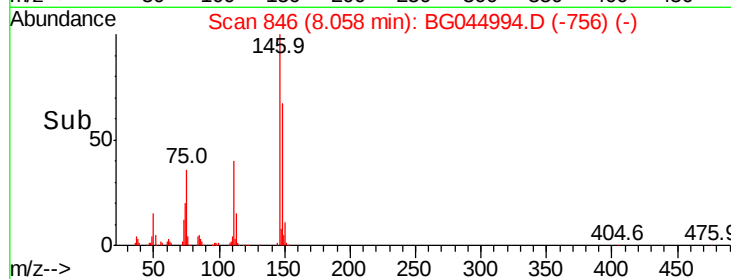
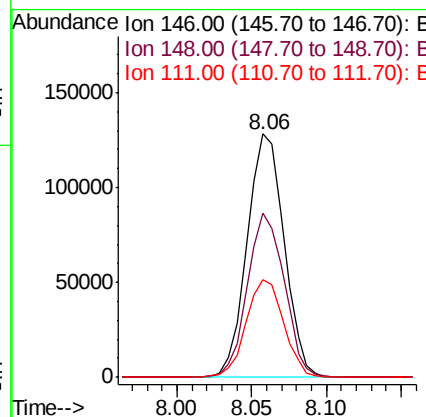
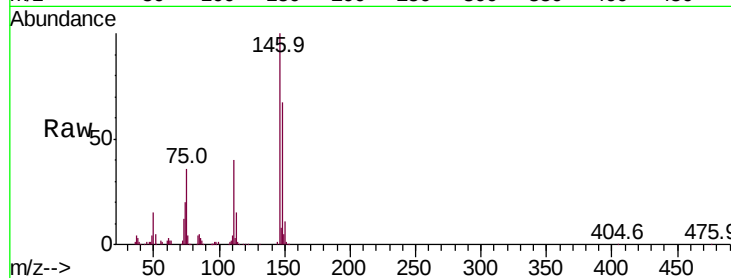




#13  
 1,4-Dichlorobenzene  
 Concen: 40.065 ng  
 RT: 8.06 min Scan# 846  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

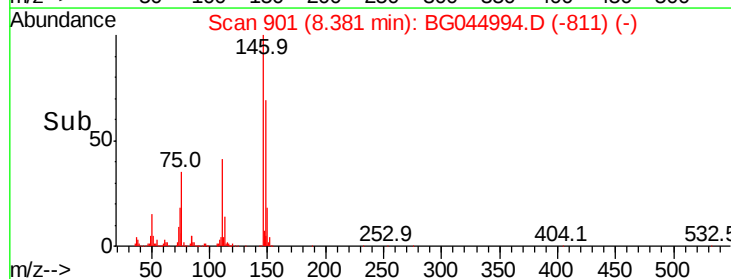
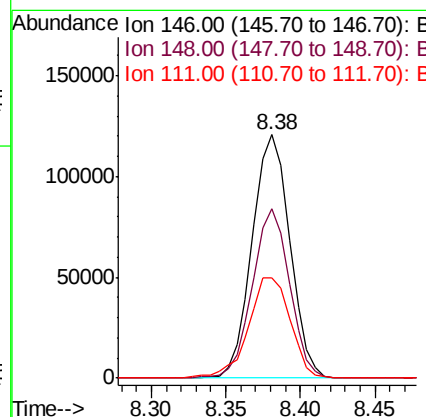
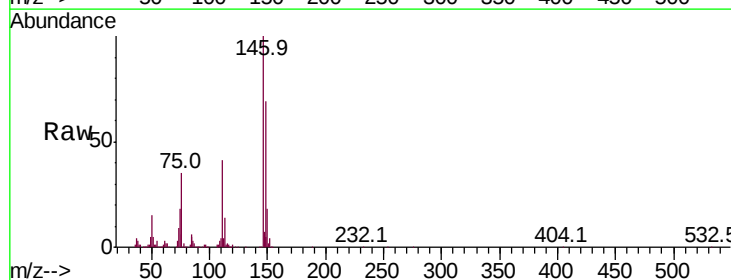
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-041420MSD

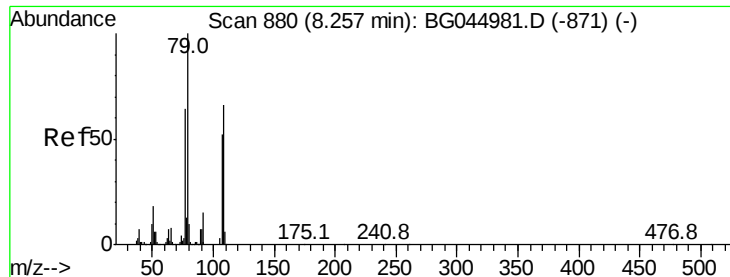
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.2  | 53.3  | 79.9  |
| 111     | 40.2  | 33.8  | 50.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 40.173 ng  
 RT: 8.38 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 69.4  | 51.9  | 77.9  |
| 111     | 41.2  | 31.3  | 46.9  |





#15

Benzyl Alcohol

Concen: 54.149 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

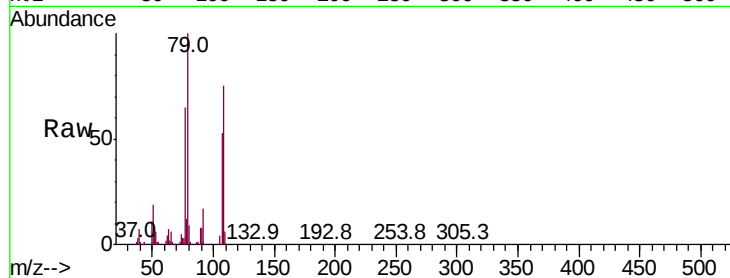
Tot Ion: 79 Resp: 293144

Ion Ratio Lower Upper

79 100

108 75.4 52.7 79.1

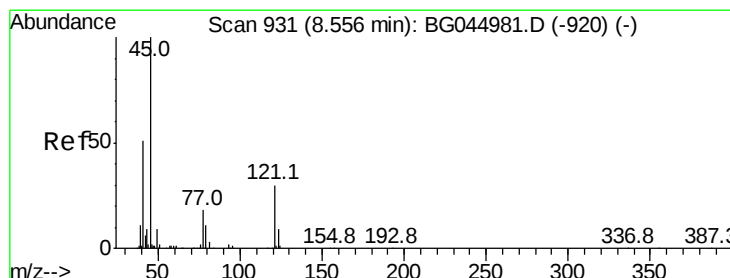
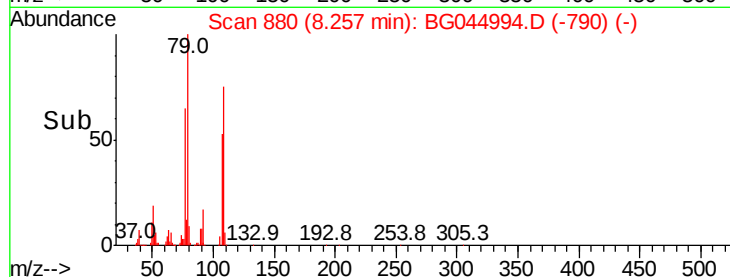
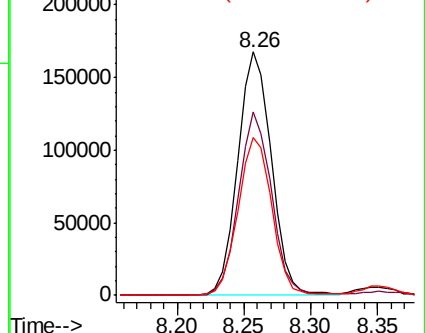
77 64.9 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.036 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

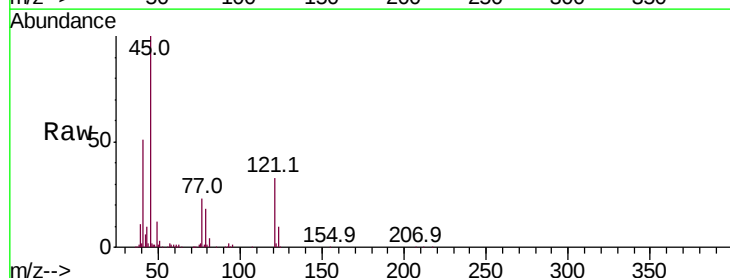
Tgt Ion: 45 Resp: 237531

Ion Ratio Lower Upper

45 100

77 23.2 1.9 41.9

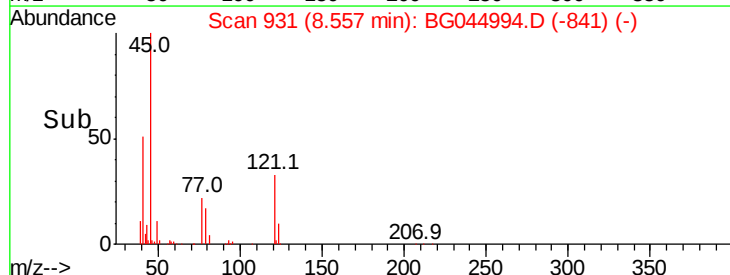
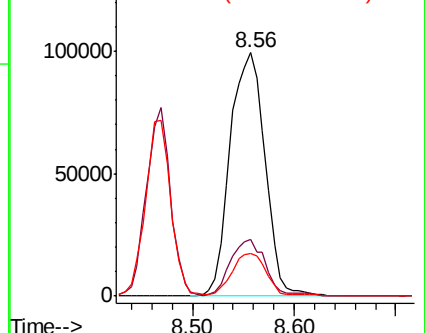
79 17.7 0.0 35.5

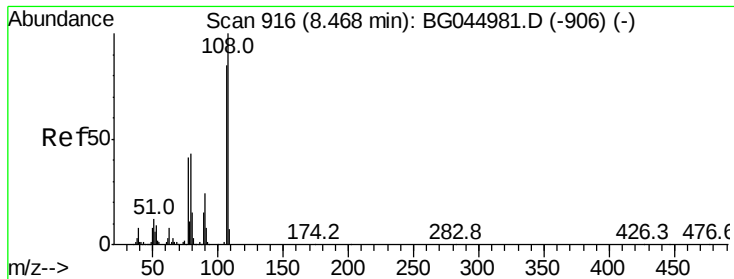


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 50.217 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

Tot Ion:107 Resp: 250348

Ion Ratio Lower Upper

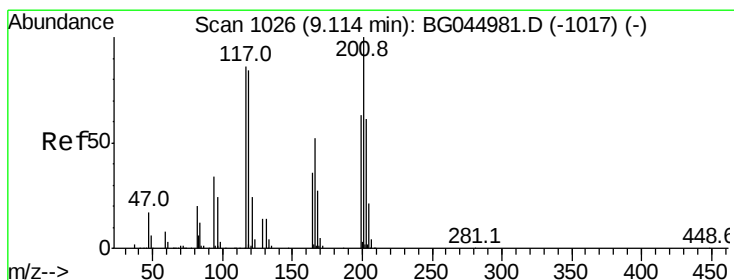
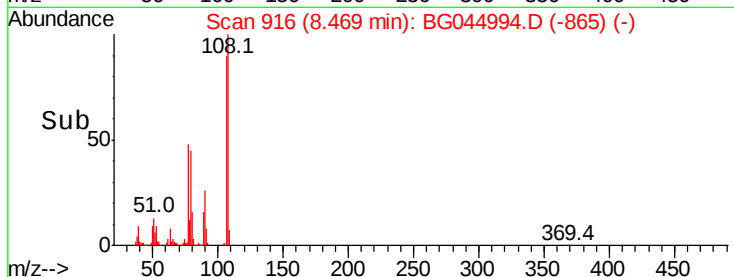
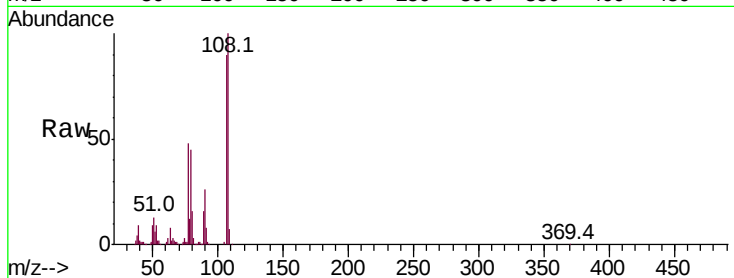
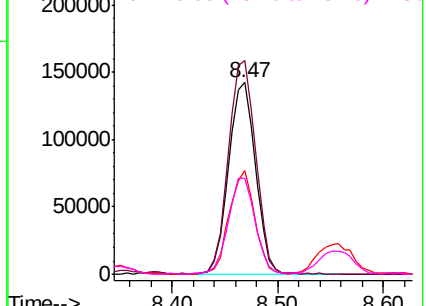
107 100

108 111.4 93.8 140.6

77 54.0 38.5 57.7

79 50.4 40.1 60.1

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: 37.041 ng

RT: 9.11 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:117 Resp: 76368

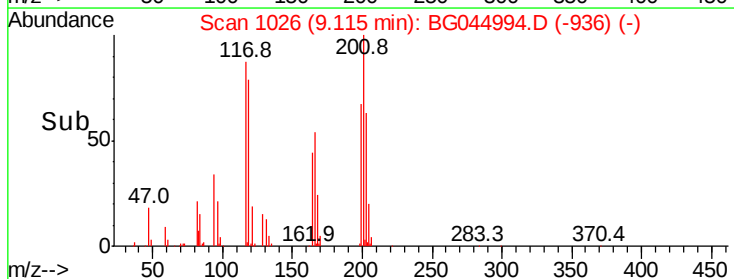
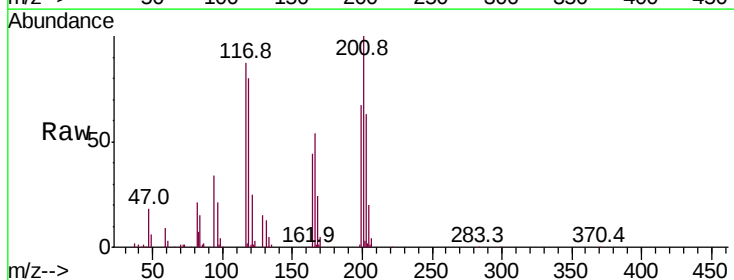
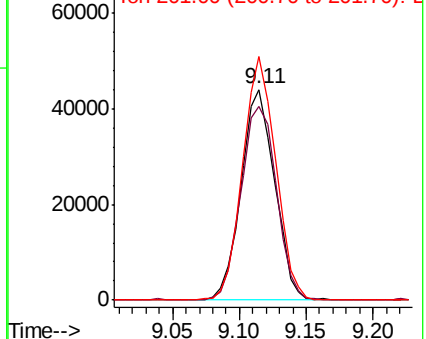
Ion Ratio Lower Upper

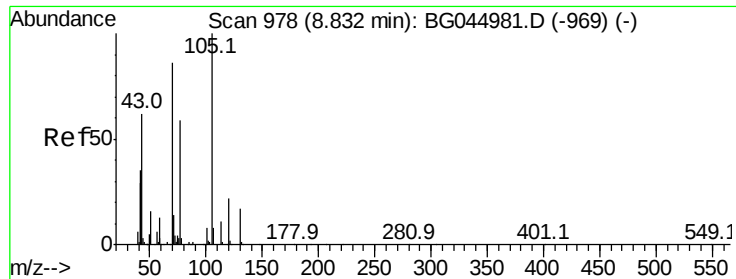
117 100

119 92.1 78.3 117.5

201 115.6 92.9 139.3

Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

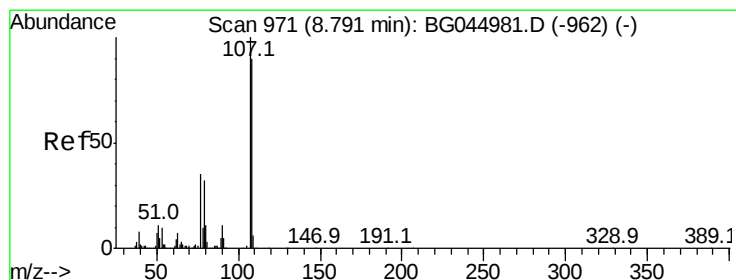
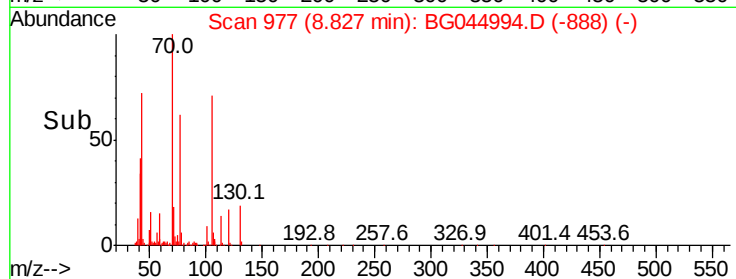
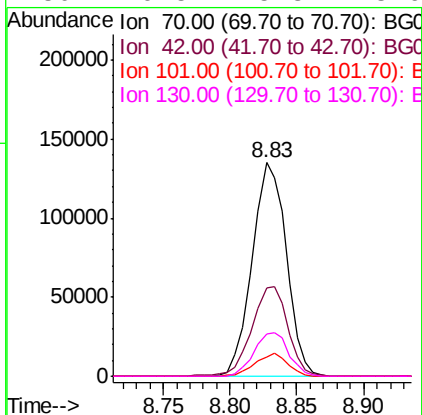
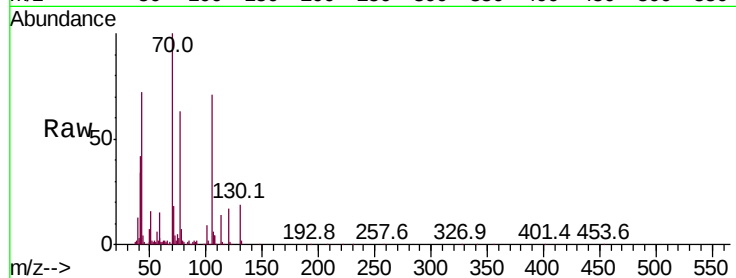




#19  
n-Nitroso-di-n-propylamine  
Concen: 52.214 ng  
RT: 8.83 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

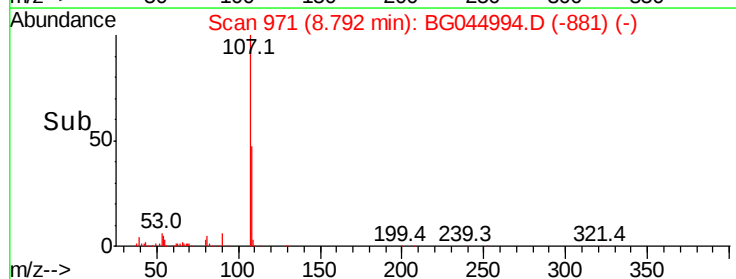
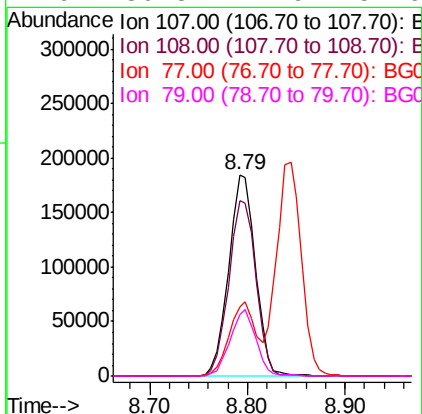
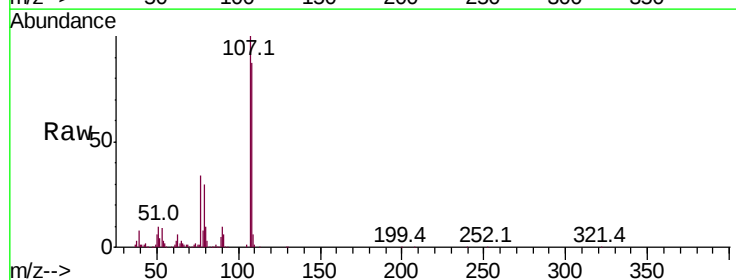
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-041420MSD

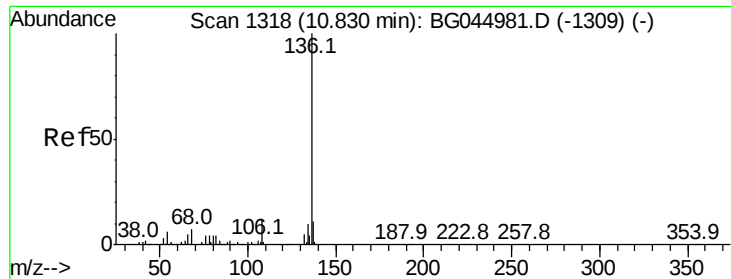
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 238434 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 41.5  | 33.3  | 49.9   |
| 101      | 9.1   | 7.8   | 11.8   |
| 130      | 19.5  | 15.8  | 23.6   |



#20  
3+4-Methylphenols  
Concen: 50.283 ng  
RT: 8.79 min Scan# 971  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 350875 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.7  | 69.9  | 109.9  |
| 77       | 34.2  | 15.2  | 55.2   |
| 79       | 30.3  | 11.6  | 51.6   |

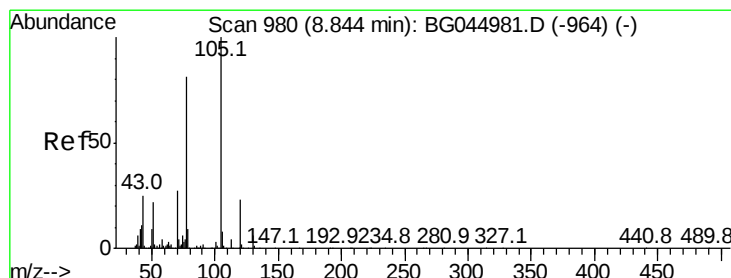
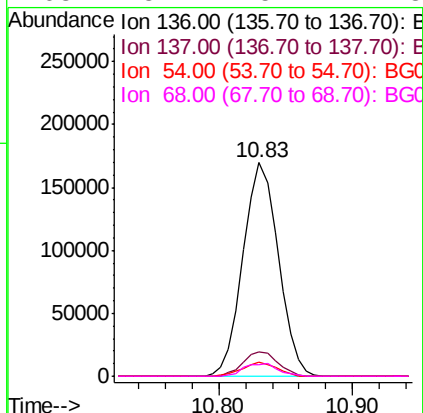
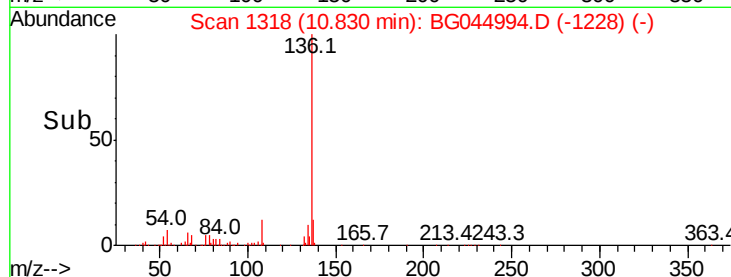
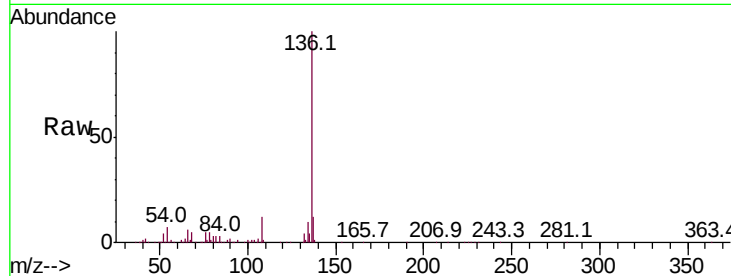




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1318  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

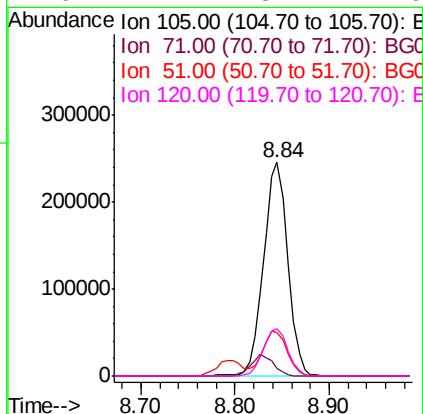
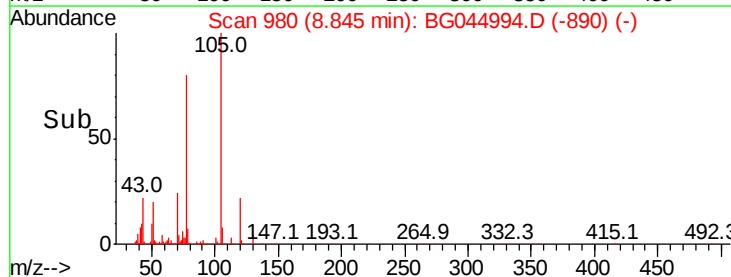
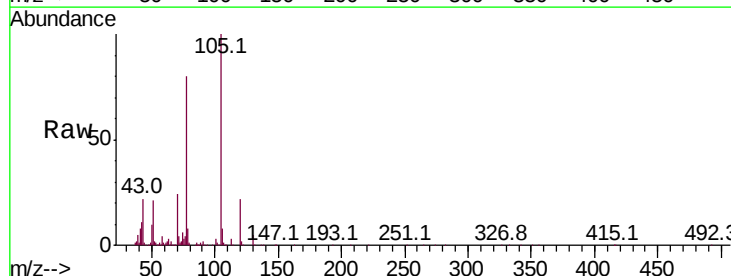
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-041420MSD

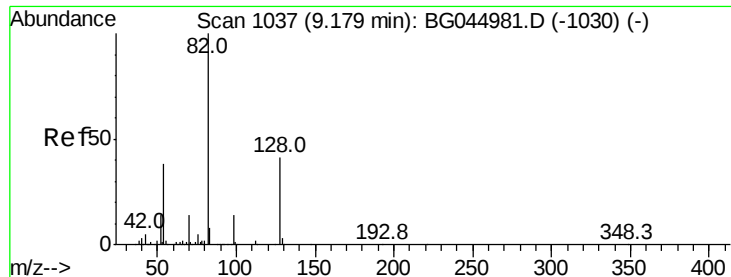
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 311153 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.6    | 8.6   | 13.0   |
| 54 6.5      | 4.8   | 7.2    |
| 68 5.2      | 5.2   | 7.8    |



#22  
Acetophenone  
Concen: 51.932 ng  
RT: 8.84 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 436976 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 3.8     | 3.3   | 4.9    |
| 51  | 20.7    | 17.3  | 25.9   |
| 120 | 22.2    | 18.4  | 27.6   |

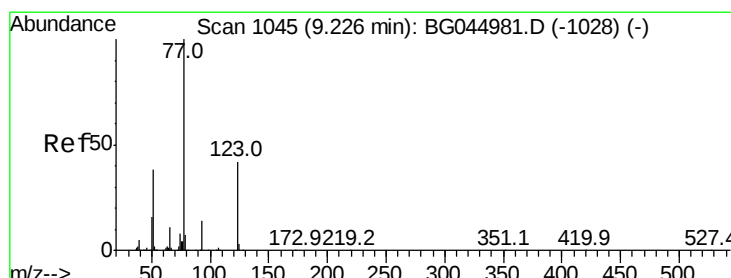
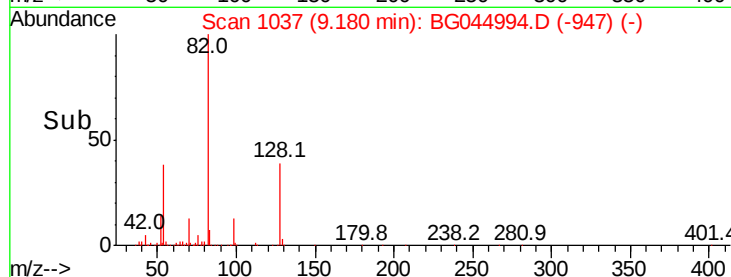
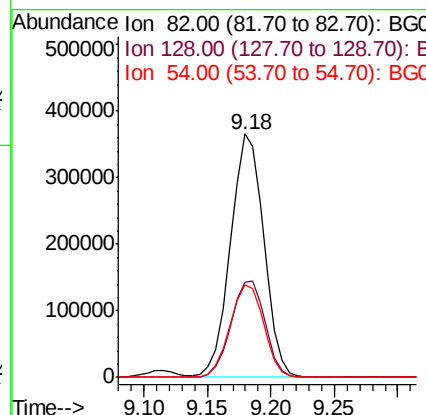
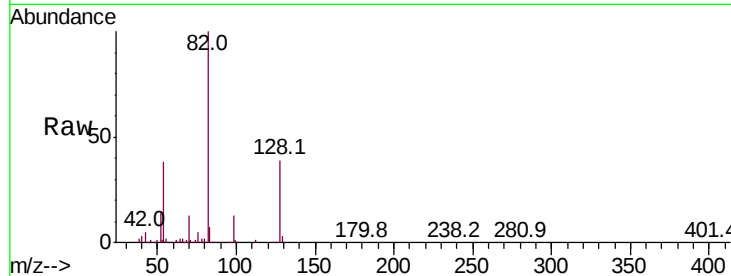




#23  
 Nitrobenzene-d5  
 Concen: 97.208 ng  
 RT: 9.18 min Scan# 1037  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

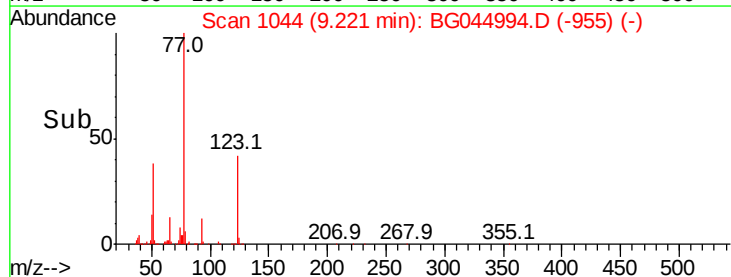
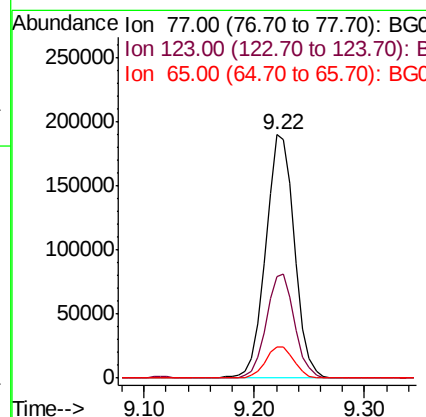
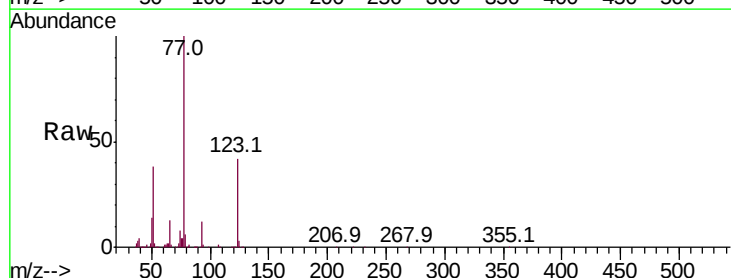
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-041420MSD

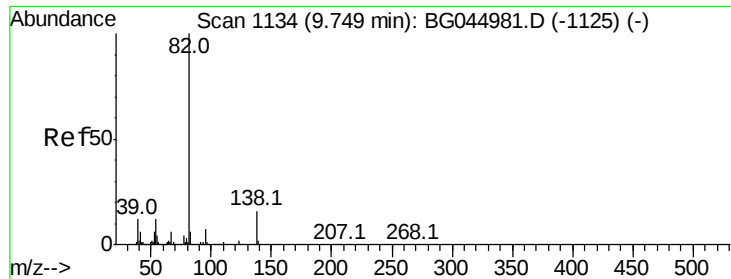
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.3  | 33.0  | 49.4  |
| 54      | 37.9  | 30.4  | 45.6  |



#24  
 Nitrobenzene  
 Concen: 49.513 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. -0.01 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.9  | 34.3  | 51.5  |
| 65      | 12.7  | 8.9   | 13.3  |





#25

Isophorone

Concen: 50.120 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

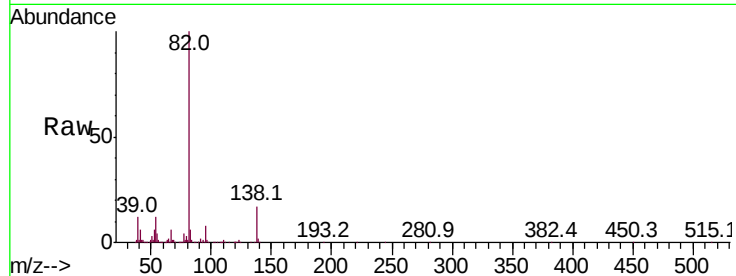
Tot Ion: 82 Resp: 699911

Ion Ratio Lower Upper

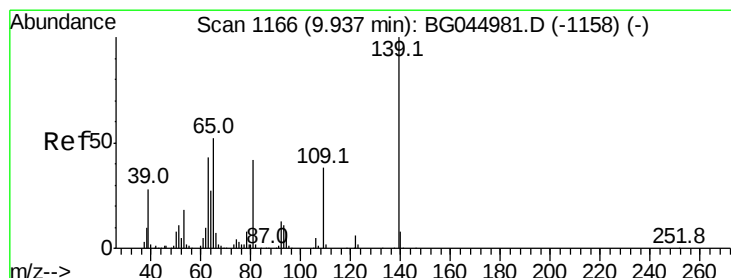
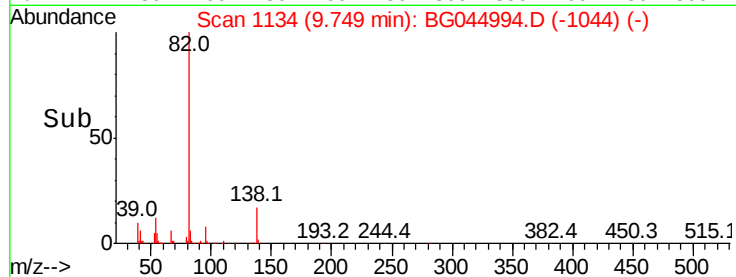
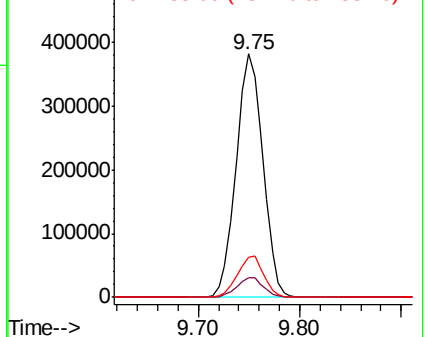
82 100

95 8.0 6.0 9.0

138 16.7 12.7 19.1



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



#26

2-Nitrophenol

Concen: 53.497 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

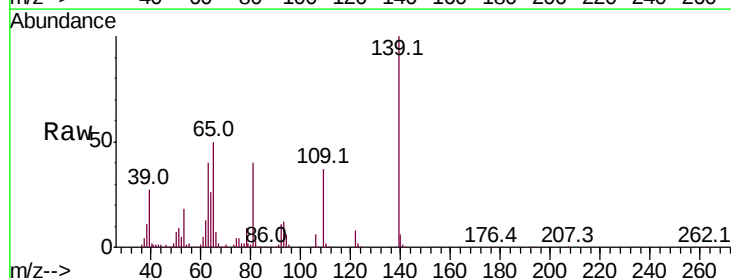
Tgt Ion: 139 Resp: 161074

Ion Ratio Lower Upper

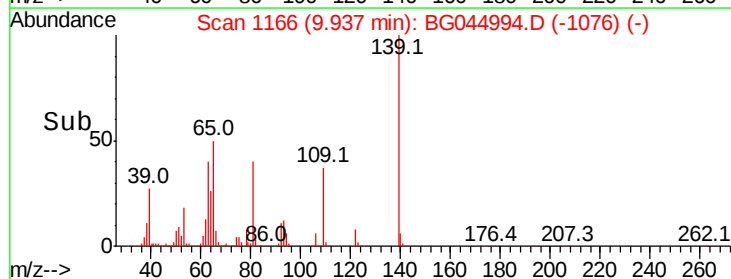
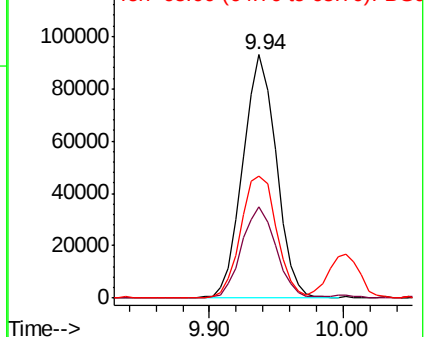
139 100

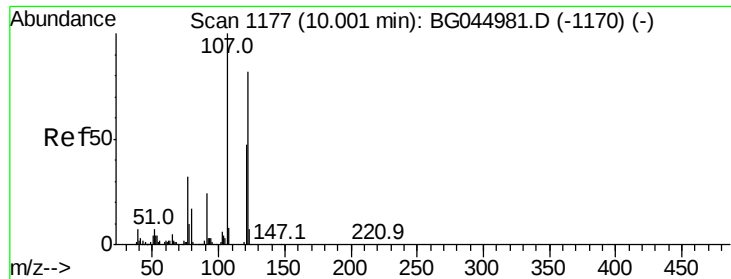
109 37.4 30.6 45.8

65 50.3 41.8 62.6



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

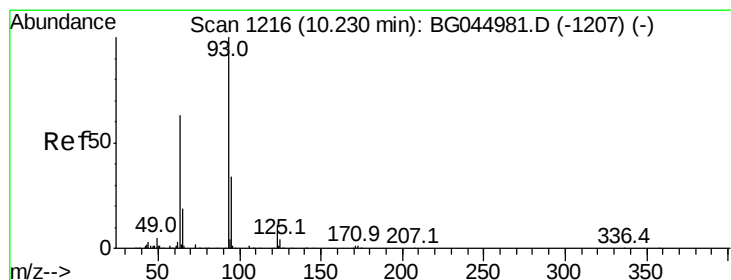
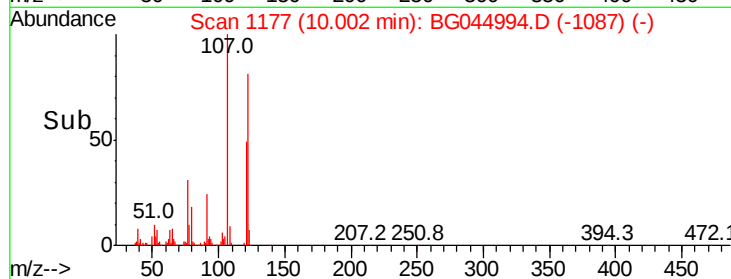
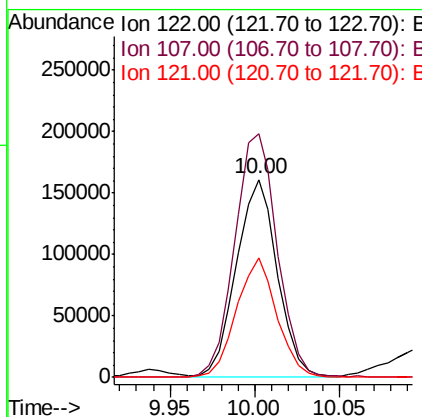
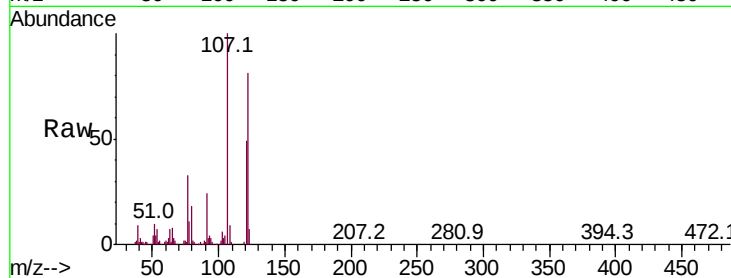




#27  
2,4-Dimethylphenol  
Concen: 56.178 ng  
RT: 10.00 min Scan# 1177  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

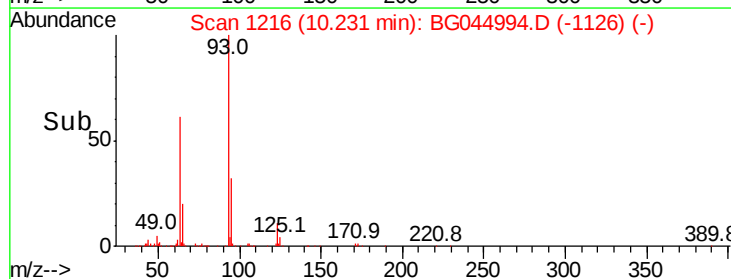
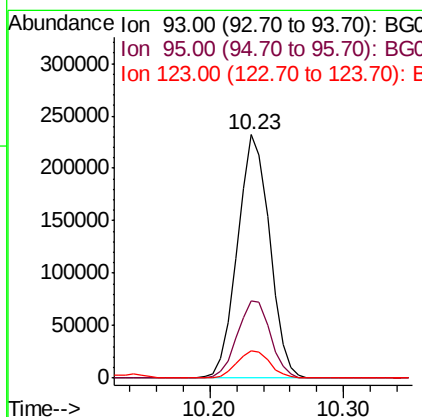
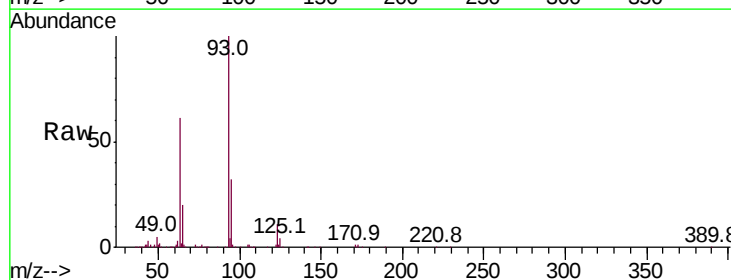
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-041420MSD

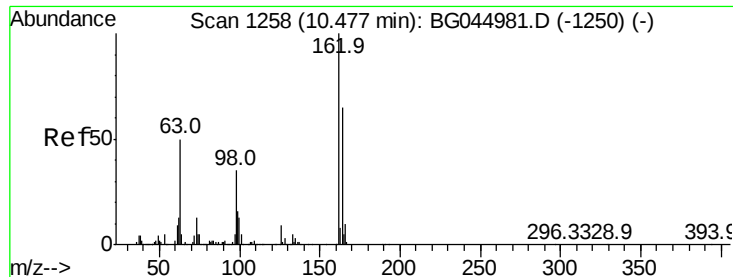
Tot Ion:122 Resp: 268388  
Ion Ratio Lower Upper  
122 100  
107 123.0 96.8 145.2  
121 60.2 45.6 68.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 52.644 ng  
RT: 10.23 min Scan# 1216  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

Tgt Ion: 93 Resp: 386266  
Ion Ratio Lower Upper  
93 100  
95 31.9 27.0 40.4  
123 11.4 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 56.258 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

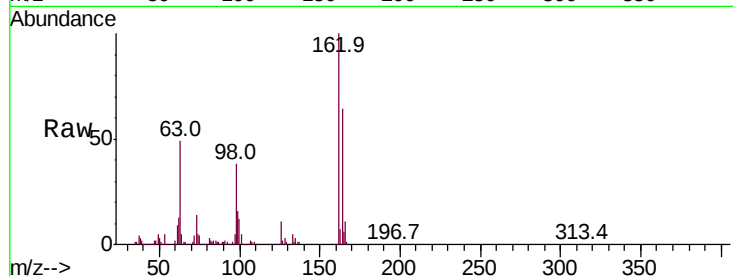
Tot Ion:162 Resp: 310345

Ion Ratio Lower Upper

162 100

164 64.2 45.0 85.0

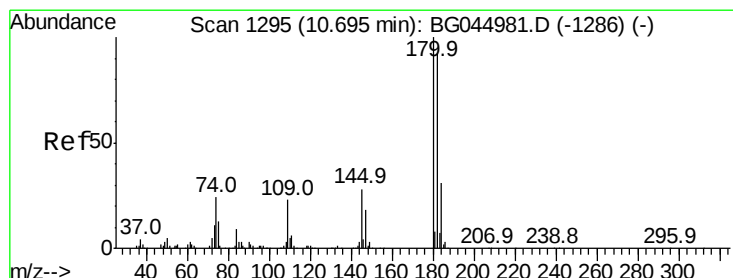
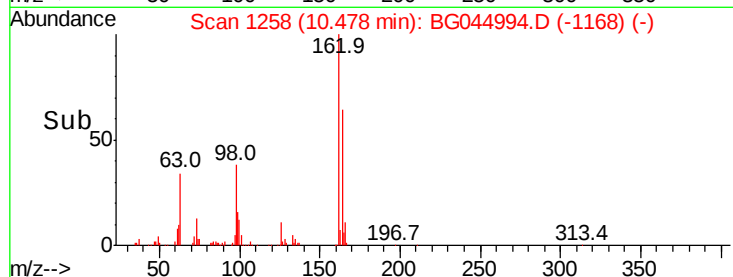
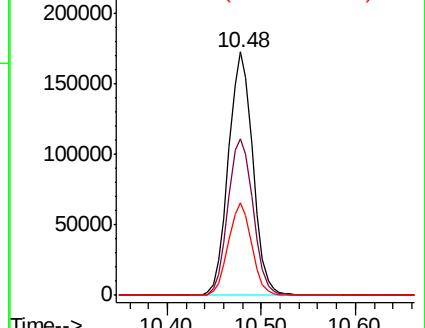
98 38.1 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 44.208 ng

RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

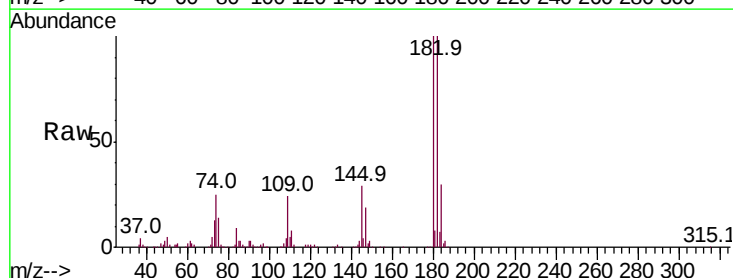
Tgt Ion:180 Resp: 276116

Ion Ratio Lower Upper

180 100

182 100.5 73.3 109.9

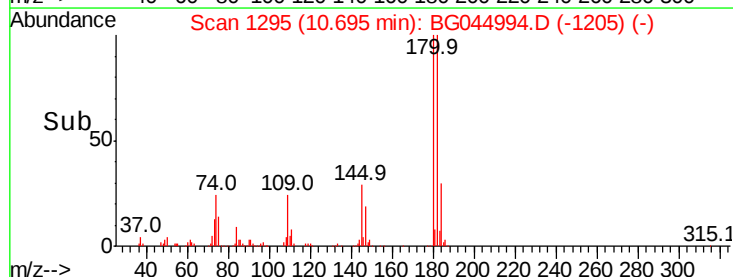
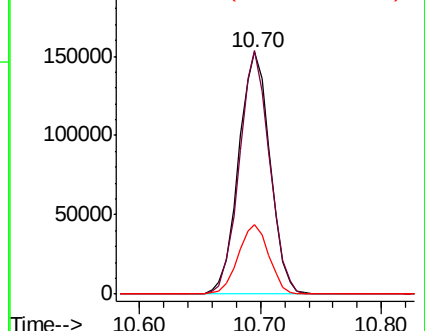
145 28.8 22.6 33.8

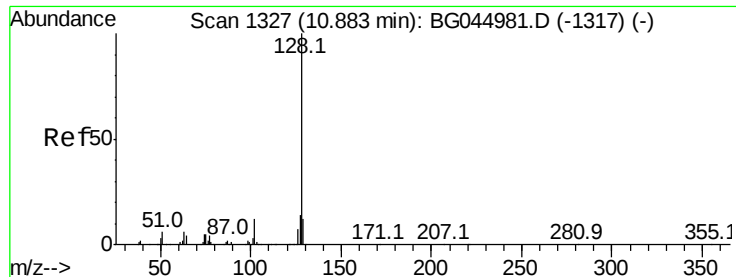


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

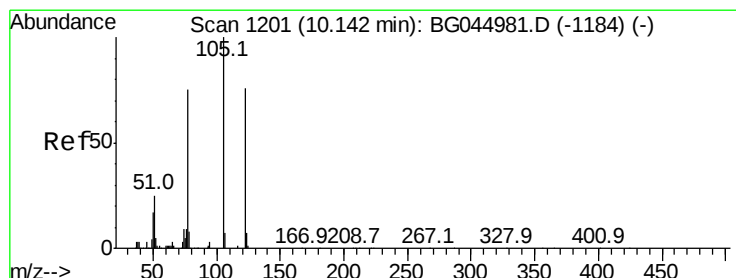
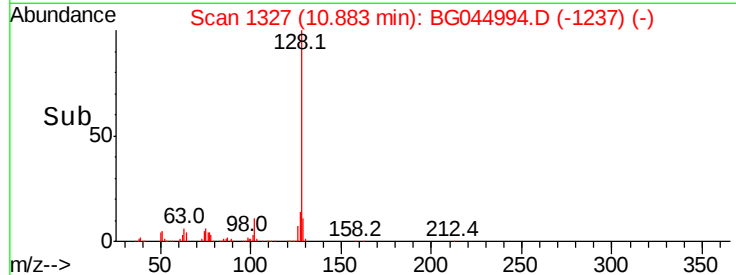
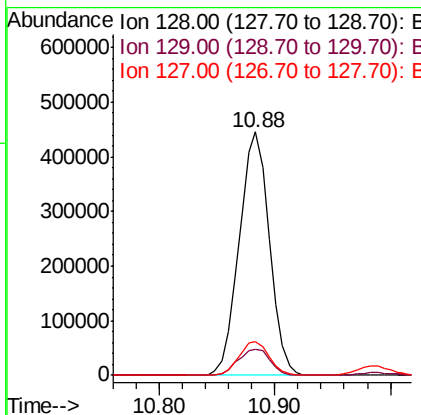
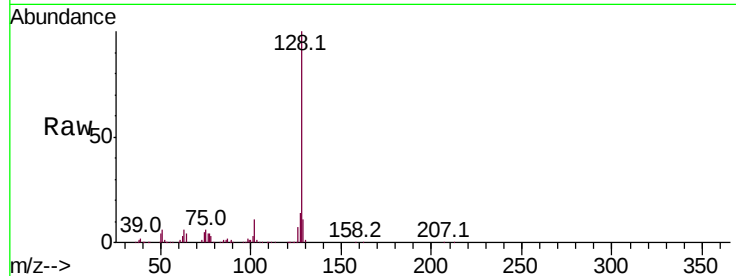




#31  
Naphthalene  
Concen: 47.325 ng  
RT: 10.88 min Scan# 1327  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

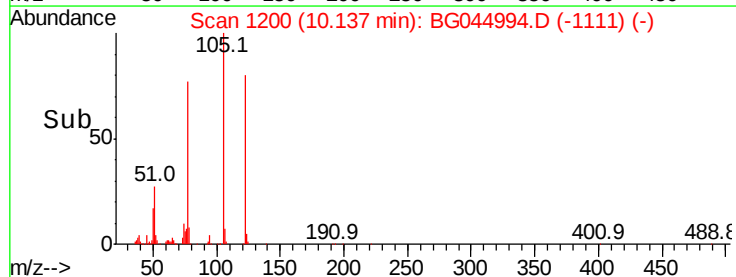
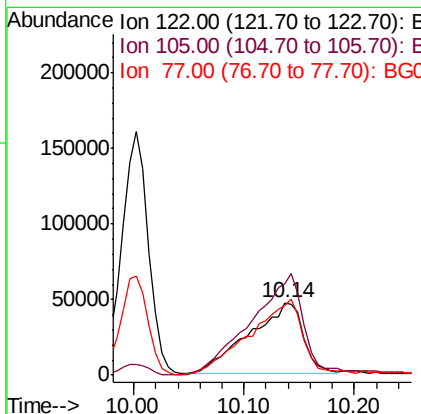
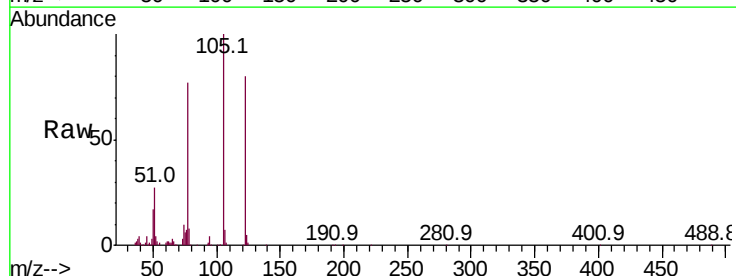
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-041420MSD

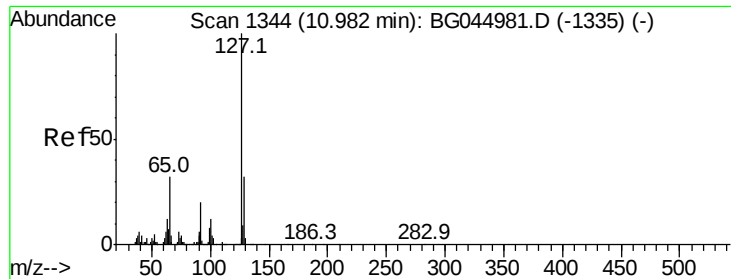
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 9.4   | 14.2  |
| 127     | 13.8  | 10.8  | 16.2  |



#32  
Benzoic acid  
Concen: 42.670 ng  
RT: 10.14 min Scan# 1200  
Delta R.T. -0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 125.6 | 108.4 | 148.4 |
| 77      | 97.2  | 78.8  | 118.8 |

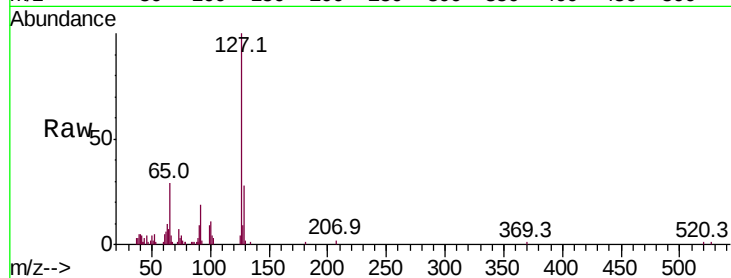




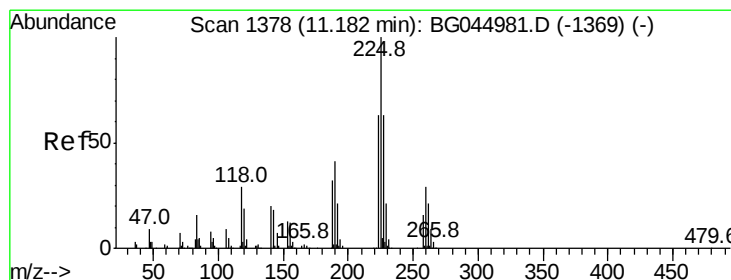
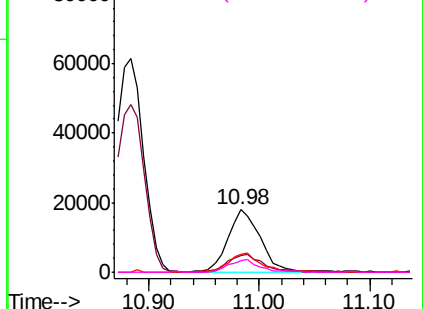
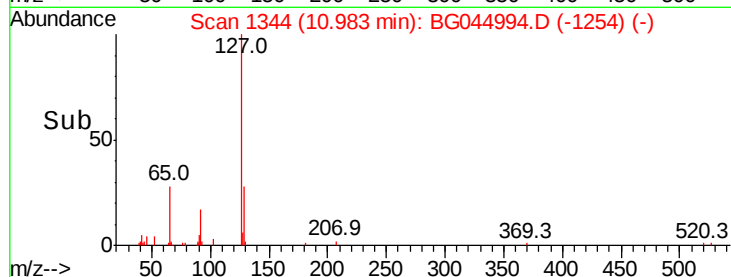
#33  
4-Chloroaniline  
Concen: 4.690 ng  
RT: 10.98 min Scan# 1344  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-041420MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 37233 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 27.6  | 25.7  | 38.5  |
| 65       | 29.1  | 25.4  | 38.2  |
| 92       | 18.7  | 16.1  | 24.1  |

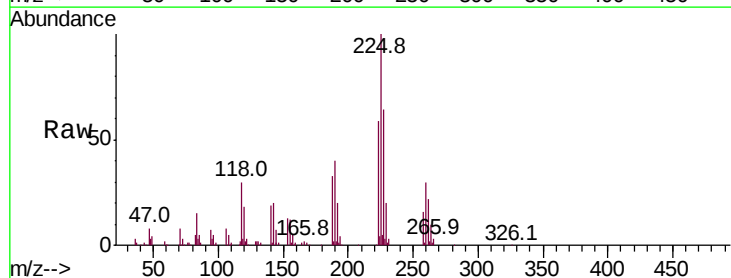


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

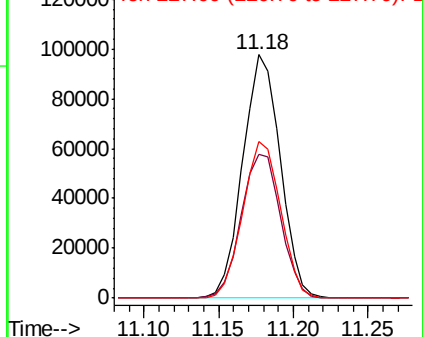
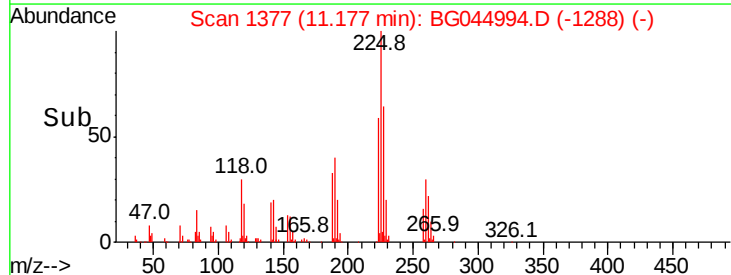


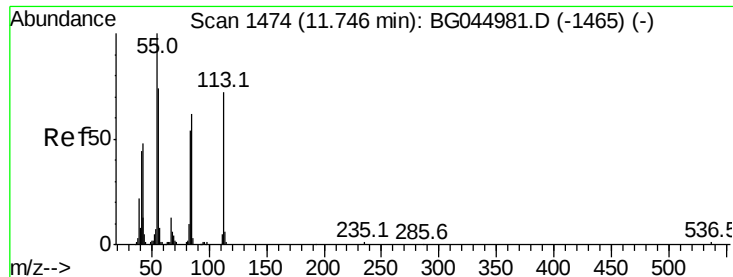
#34  
Hexachlorobutadiene  
Concen: 39.681 ng  
RT: 11.18 min Scan# 1377  
Delta R.T. -0.01 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 169923 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 58.8  | 50.7  | 76.1   |
| 227      | 64.4  | 50.2  | 75.2   |



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

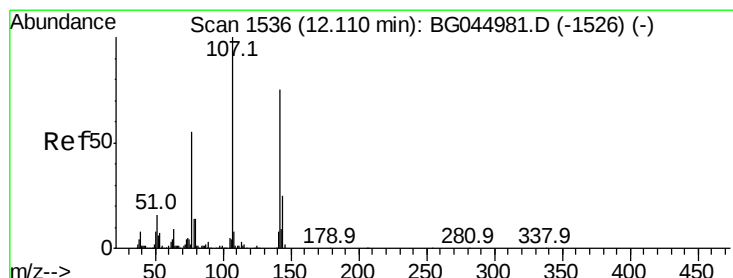
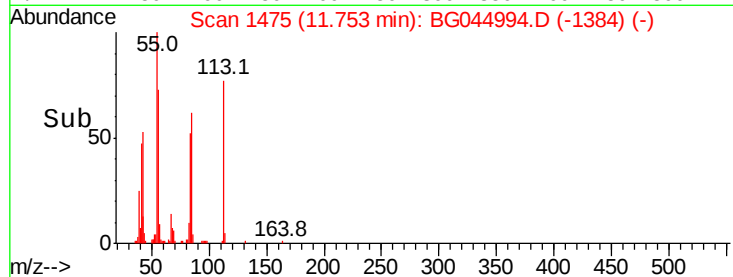
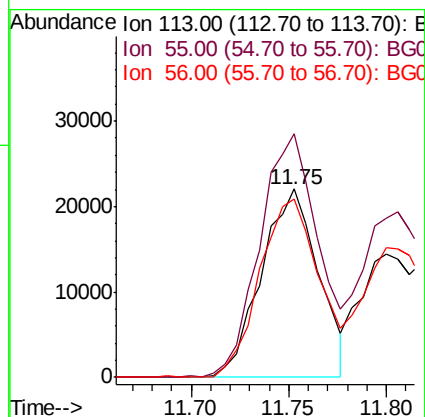
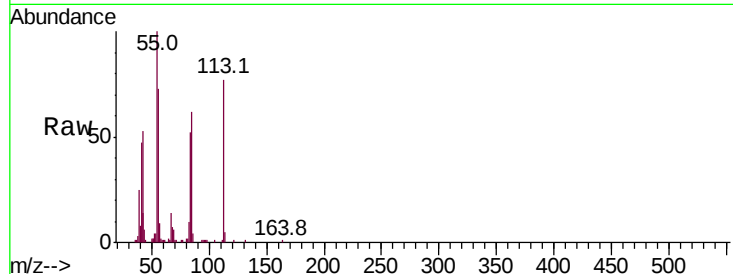




#35  
 Caprolactam  
 Concen: 20.226 ng  
 RT: 11.75 min Scan# 1475  
 Delta R.T. 0.01 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

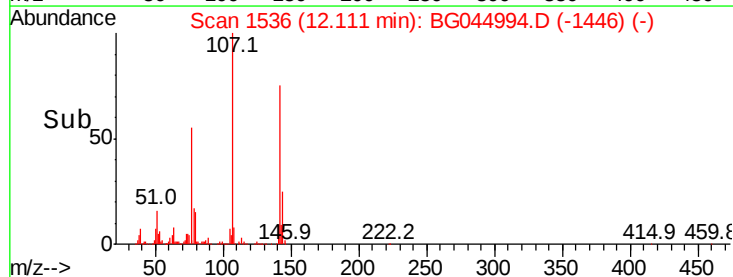
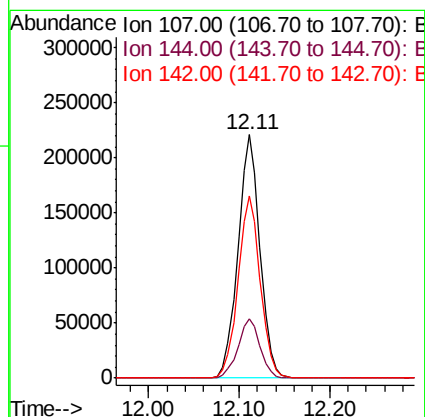
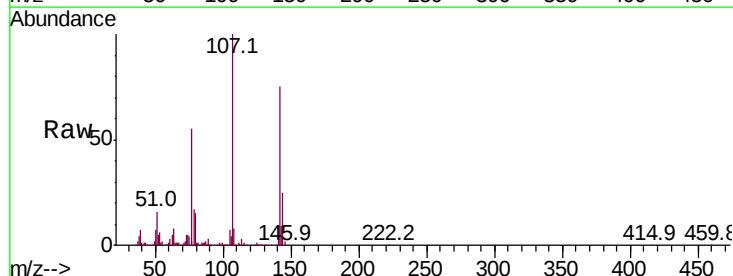
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-041420MSD

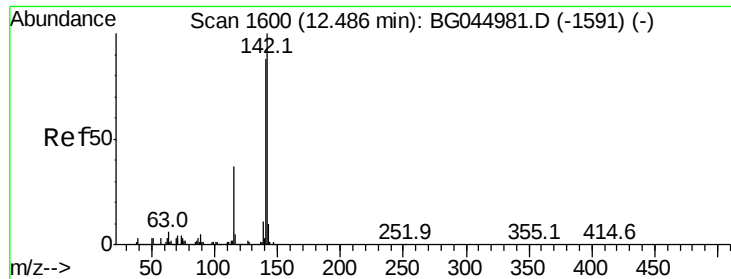
Tot Ion:113 Resp: 44406  
 Ion Ratio Lower Upper  
 113 100  
 55 129.2 118.8 158.8  
 56 94.5 82.6 122.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 57.581 ng  
 RT: 12.11 min Scan# 1536  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

Tgt Ion:107 Resp: 373148  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 19.8 29.6  
 142 74.8 59.7 89.5

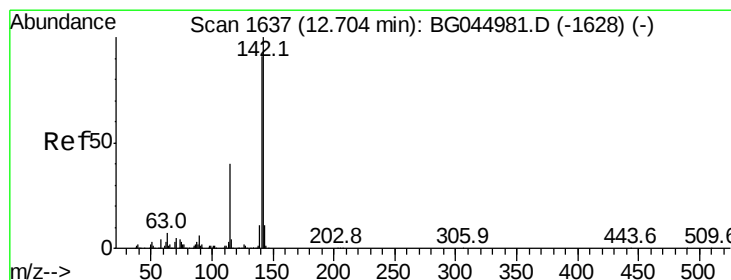
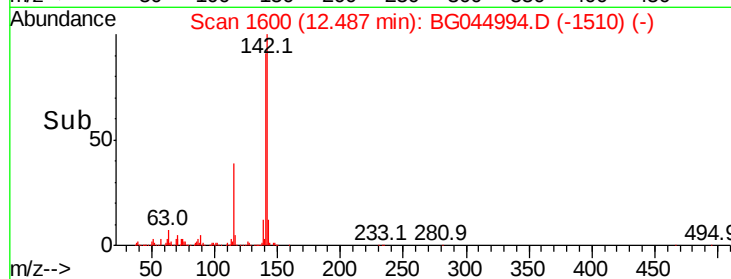
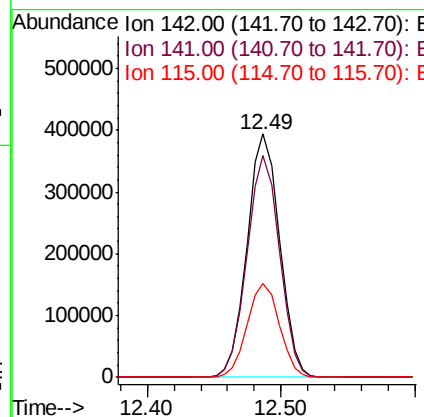
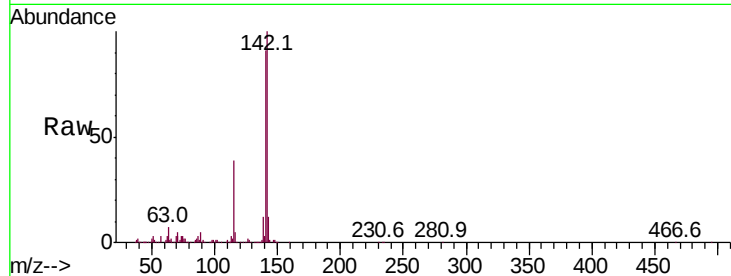




#37  
2-Methylnaphthalene  
Concen: 50.197 ng  
RT: 12.49 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

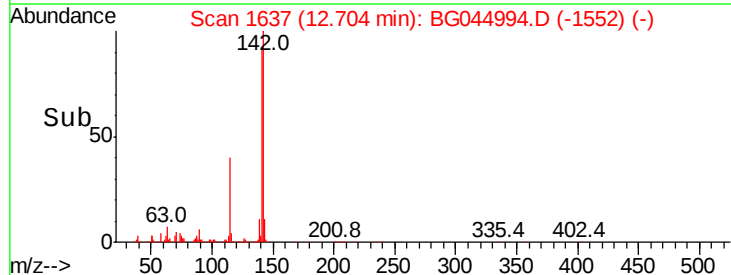
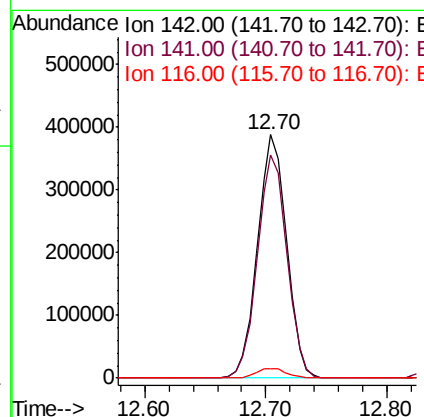
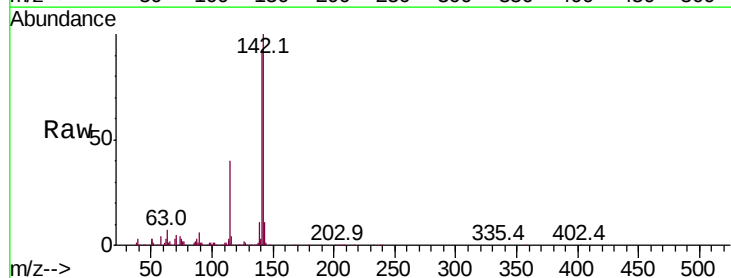
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-041420MSD

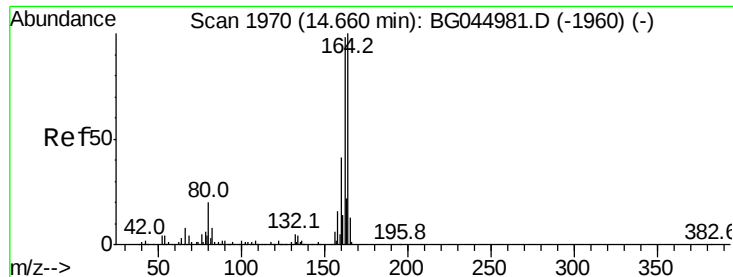
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.0  | 70.3  | 105.5 |
| 115     | 38.5  | 29.8  | 44.6  |



#38  
1-Methylnaphthalene  
Concen: 52.113 ng  
RT: 12.70 min Scan# 1637  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 72.7  | 109.1 |
| 116     | 4.1   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

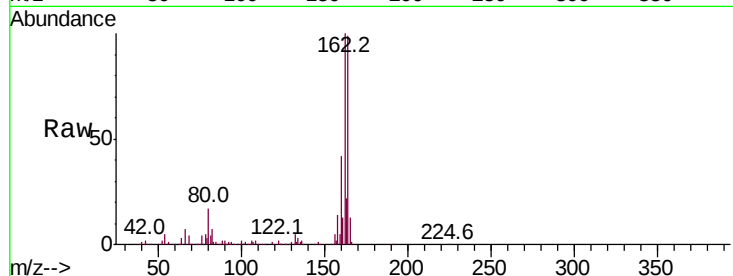
Tot Ion:164 Resp: 245815

Ion Ratio Lower Upper

164 100

162 100.5 78.7 118.1

160 42.1 32.8 49.2

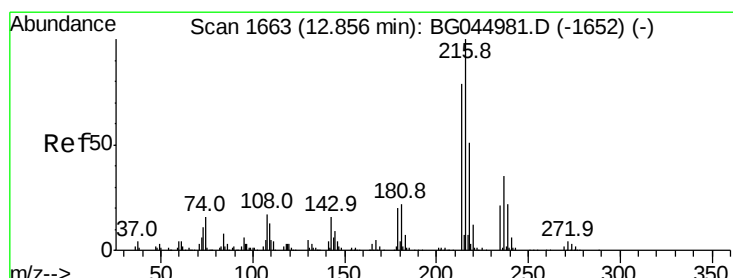
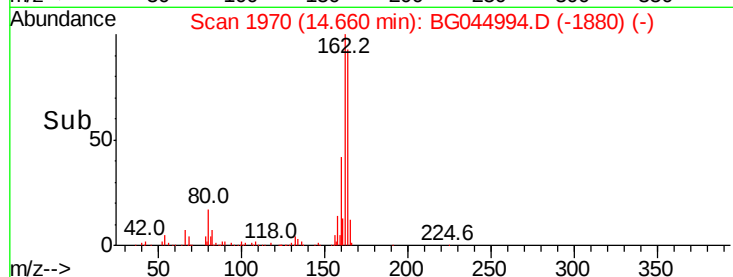
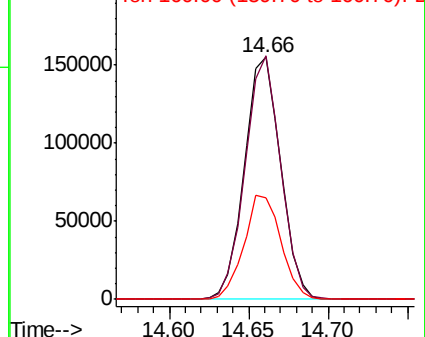


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.213 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:216 Resp: 365754

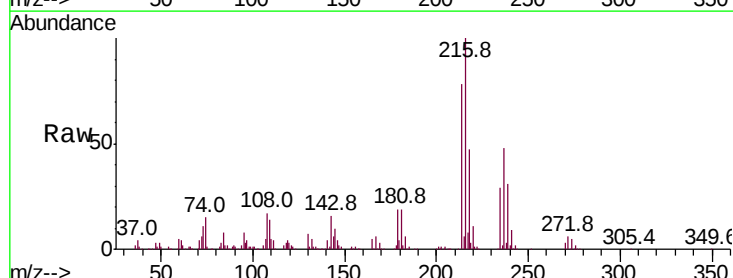
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.6

179 20.4 15.8 23.8

108 19.1 14.2 21.2



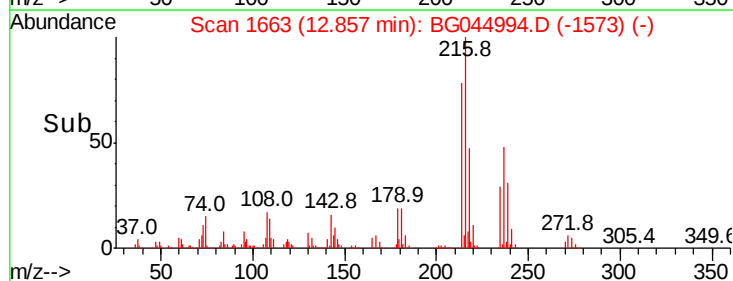
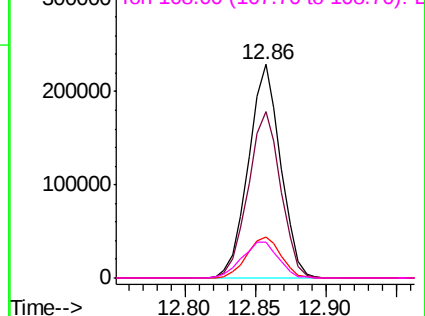
Abundance

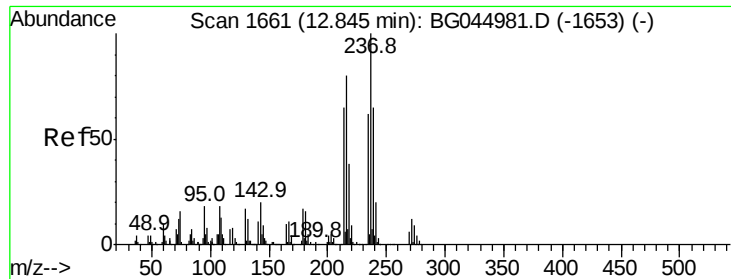
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

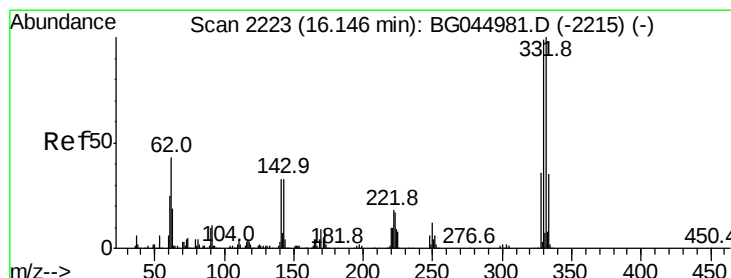
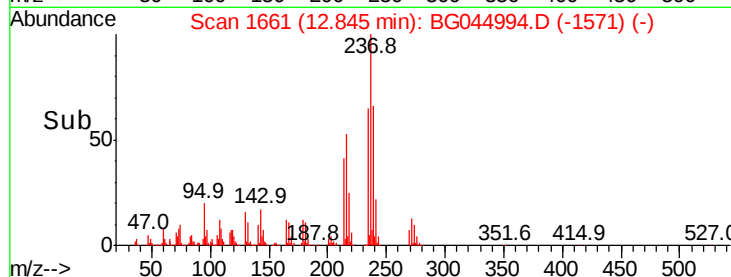
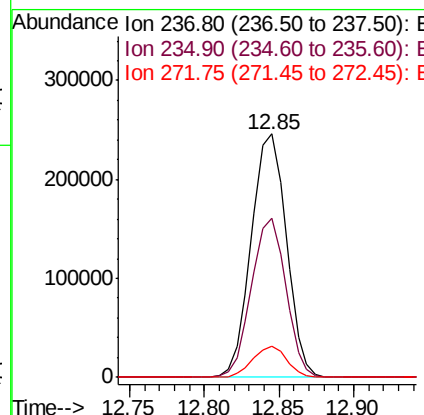
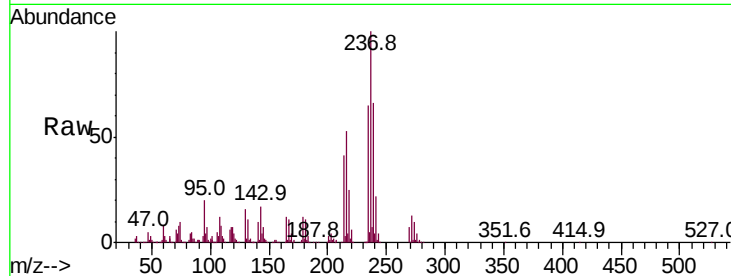




#41  
 Hexachlorocyclopentadiene  
 Concen: 80.761 ng  
 RT: 12.85 min Scan# 1661  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

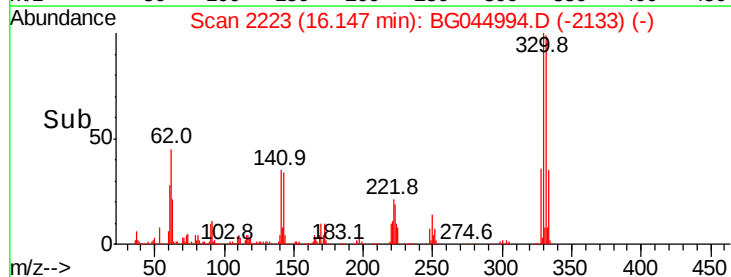
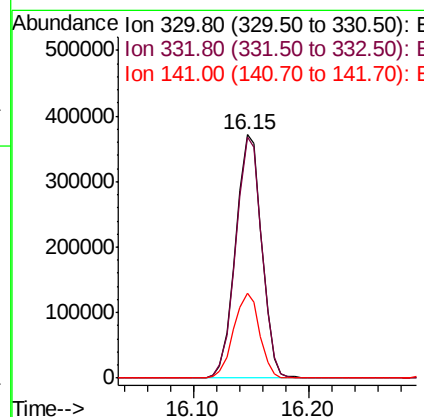
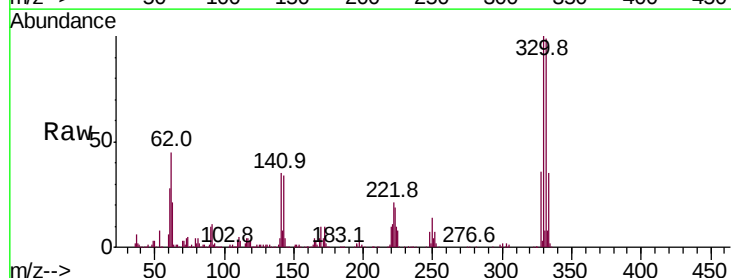
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-041420MSD

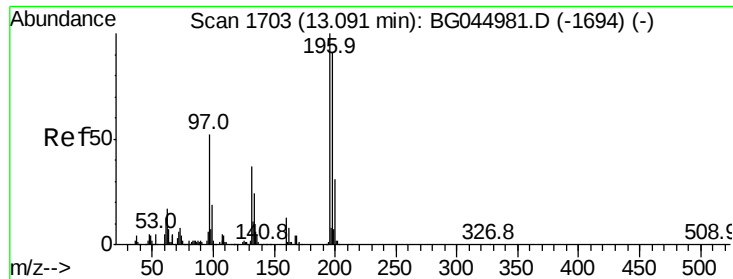
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 65.5  | 41.6  | 81.6  |
| 272     | 12.6  | 0.0   | 32.1  |



#42  
 2,4,6-Tribromophenol  
 Concen: 153.266 ng  
 RT: 16.15 min Scan# 2223  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.4  | 79.1  | 118.7 |
| 141     | 34.7  | 27.1  | 40.7  |

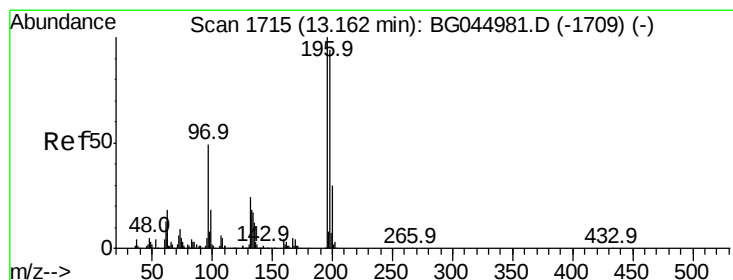
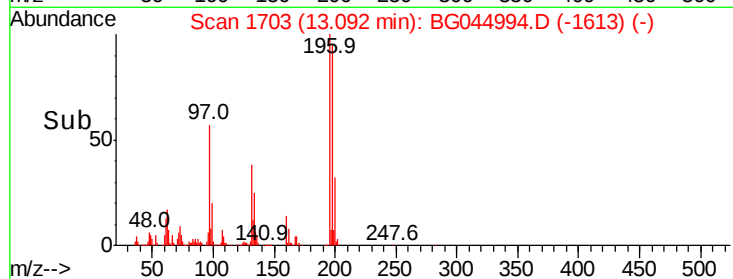
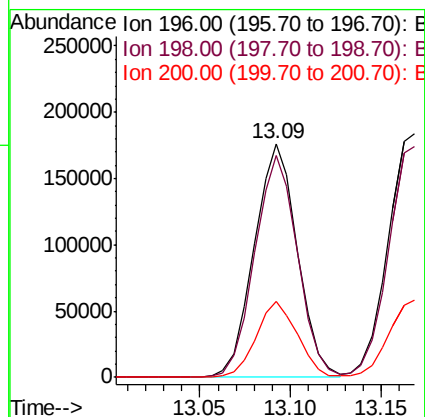
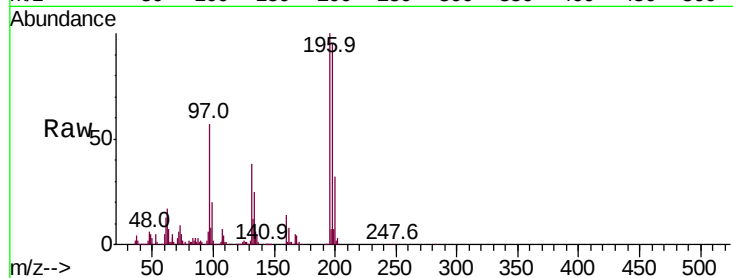




#43  
 2,4,6-Trichlorophenol  
 Concen: 51.972 ng  
 RT: 13.09 min Scan# 1703  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

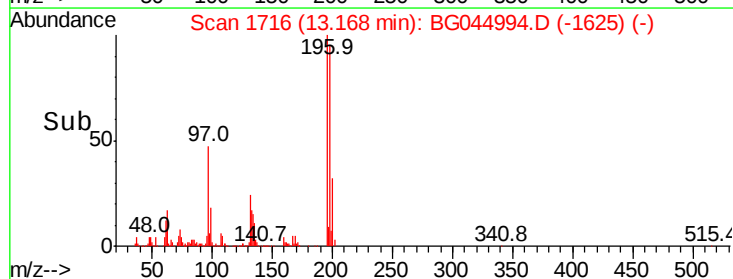
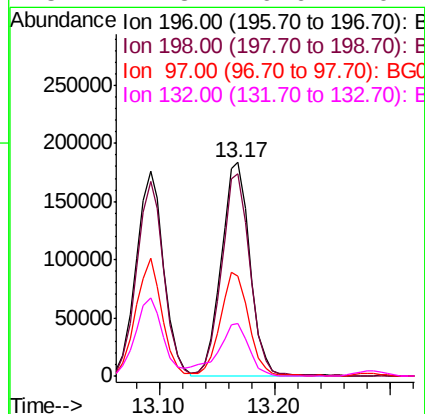
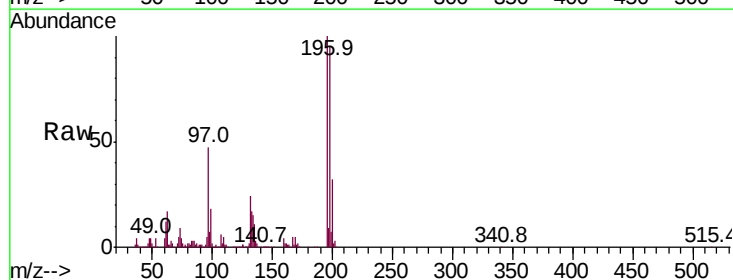
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-041420MSD

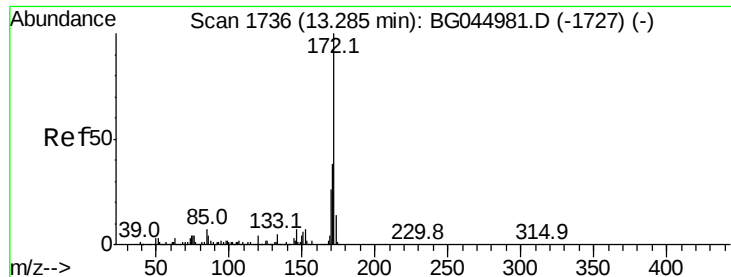
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 290304 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 94.9  | 72.5  | 108.7  |
| 200      | 32.4  | 24.5  | 36.7   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 49.270 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. 0.01 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 313265 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 94.8  | 75.7  | 113.5  |
| 97       | 46.9  | 39.6  | 59.4   |
| 132      | 24.3  | 19.6  | 29.4   |



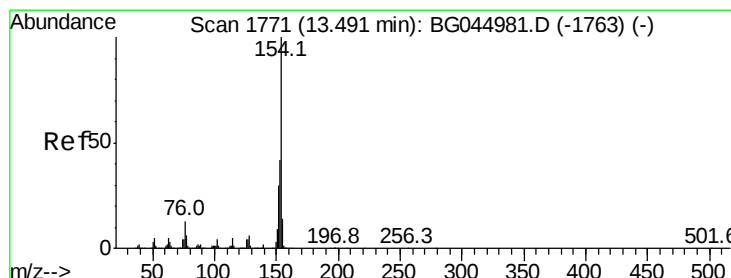
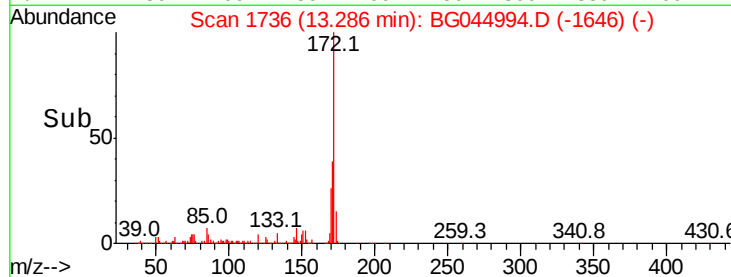
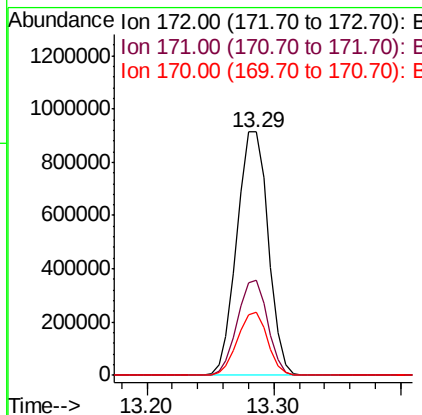
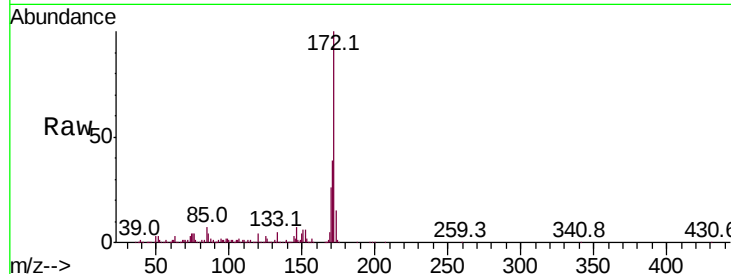


#45  
 2-Fluorobiphenyl  
 Concen: 93.584 ng  
 RT: 13.29 min Scan# 1736  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-041420MSD

Tot Ion:172 Resp: 1568850  

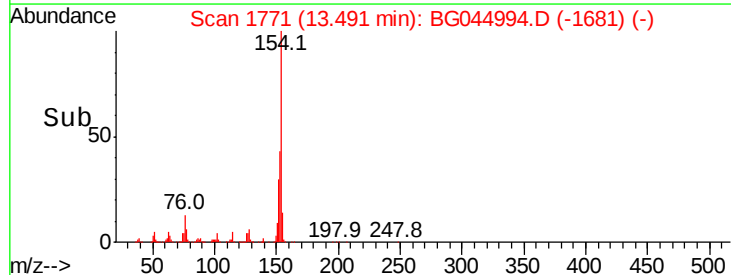
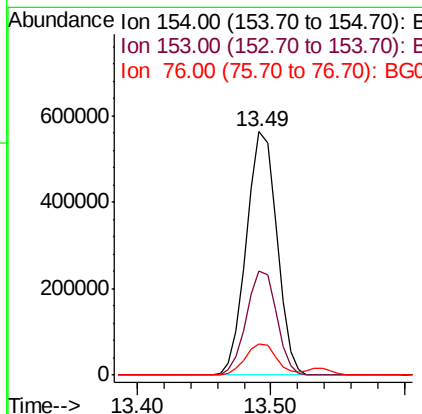
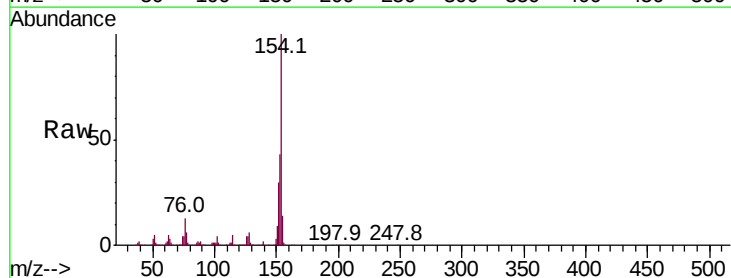
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 39.0  | 30.6  | 46.0  |
| 170 | 25.9  | 20.5  | 30.7  |

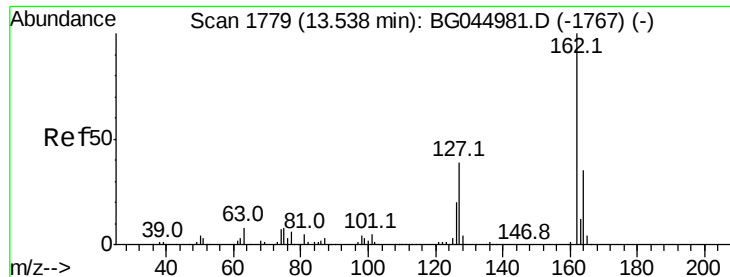


#46  
 1,1'-Biphenyl  
 Concen: 47.444 ng  
 RT: 13.49 min Scan# 1771  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

Tgt Ion:154 Resp: 886425  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.7  | 21.9  | 61.9  |
| 76  | 12.7  | 0.0   | 33.1  |

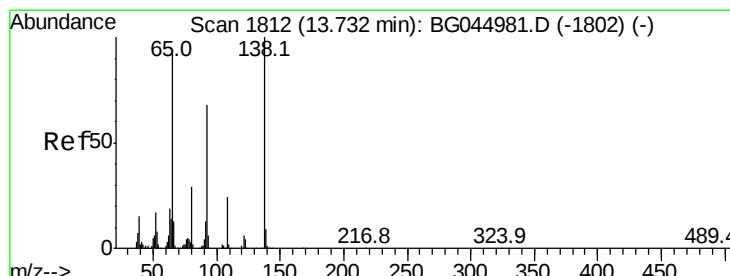
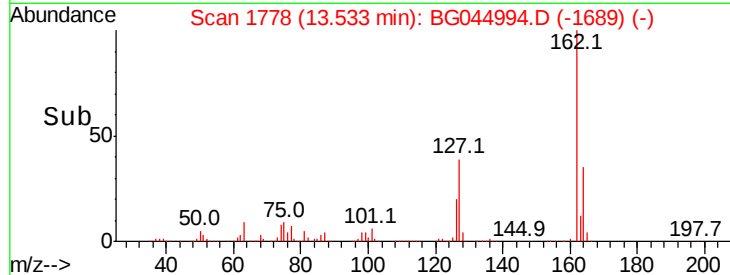
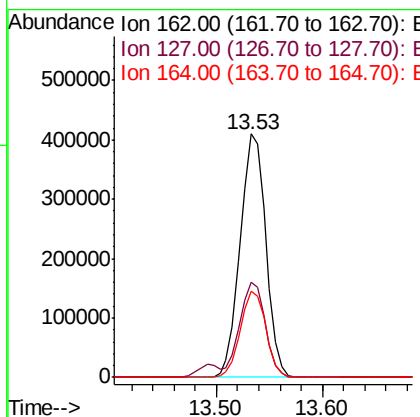
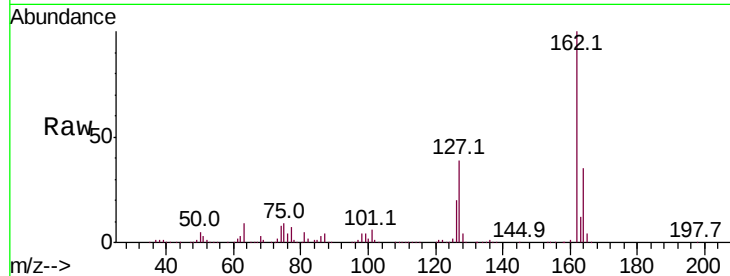




#47  
 2-Chloronaphthalene  
 Concen: 48.167 ng  
 RT: 13.53 min Scan# 1778  
 Delta R.T. -0.01 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

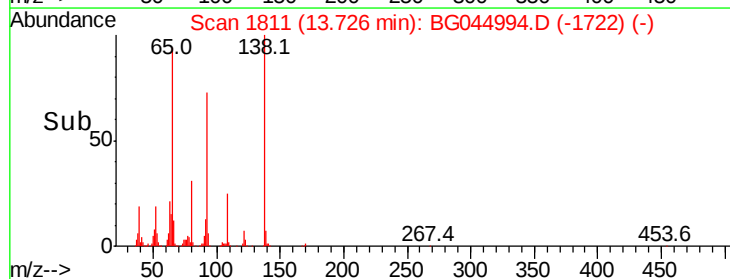
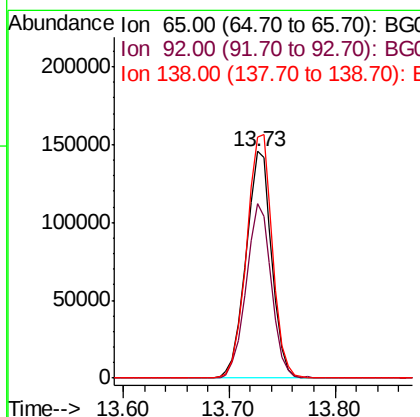
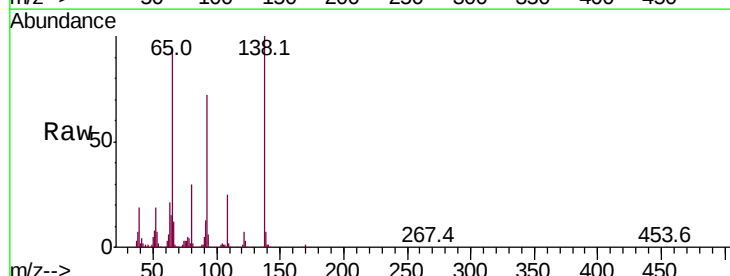
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-041420MSD

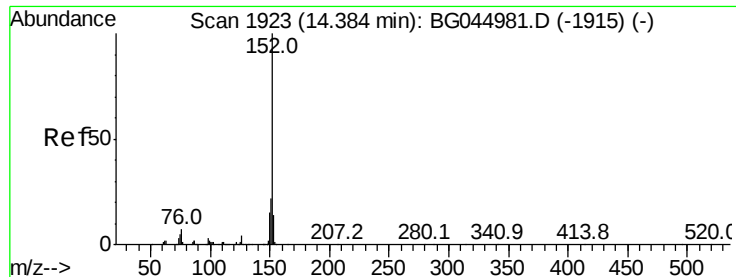
Tot Ion:162 Resp: 687641  
 Ion Ratio Lower Upper  
 162 100  
 127 38.9 31.3 46.9  
 164 35.3 27.8 41.8



#48  
 2-Nitroaniline  
 Concen: 52.301 ng  
 RT: 13.73 min Scan# 1811  
 Delta R.T. -0.01 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

Tgt Ion: 65 Resp: 245663  
 Ion Ratio Lower Upper  
 65 100  
 92 77.2 58.3 87.5  
 138 106.6 85.6 128.4





#49

Acenaphthylene

Concen: 49.799 ng

RT: 14.38 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

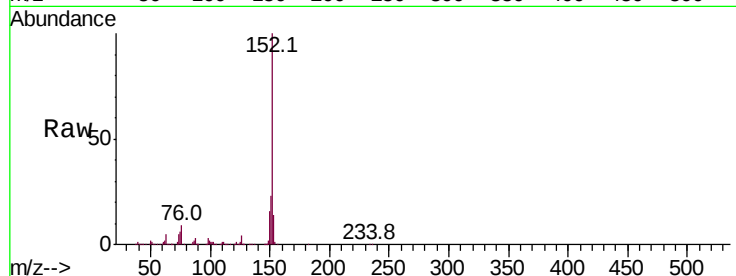
BNA\_G

ClientSampleId :

TR-04-041420MSD

Tot Ion:152 Resp: 1158025

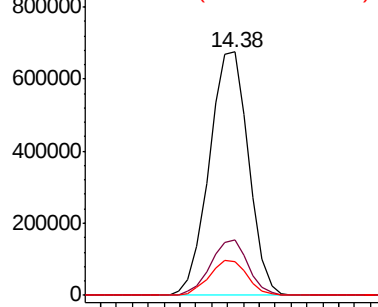
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 22.6  | 17.2  | 25.8  |
| 153 | 14.0  | 11.0  | 16.4  |



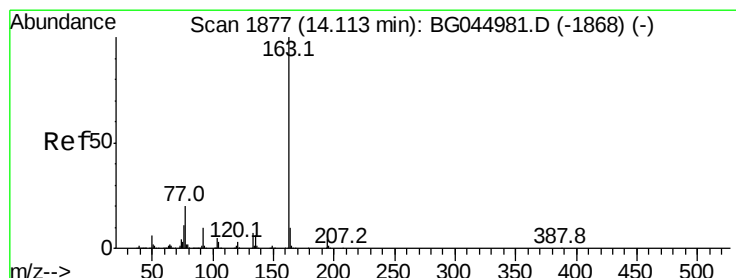
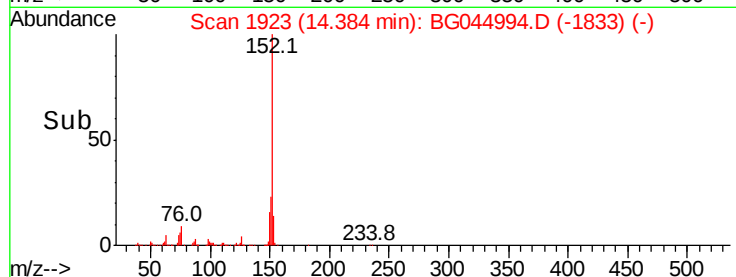
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 14.30 14.35 14.40 14.45



#50

Dimethylphthalate

Concen: 52.205 ng

RT: 14.11 min Scan# 1877

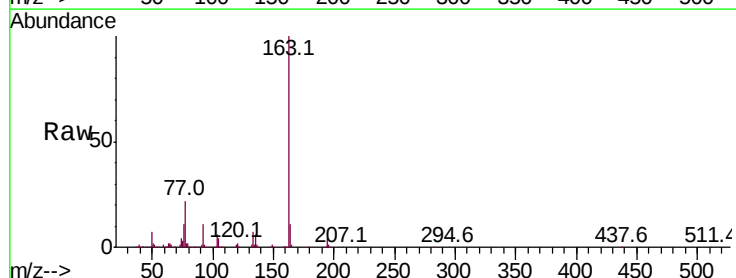
Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:163 Resp: 1044910

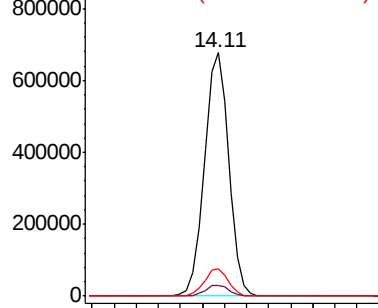
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.5   | 5.3   |
| 164 | 11.0  | 8.2   | 12.4  |



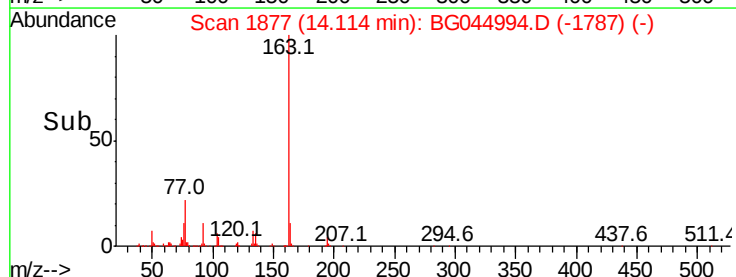
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.00 14.10 14.20





#51

2,6-Dinitrotoluene

Concen: 53.879 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

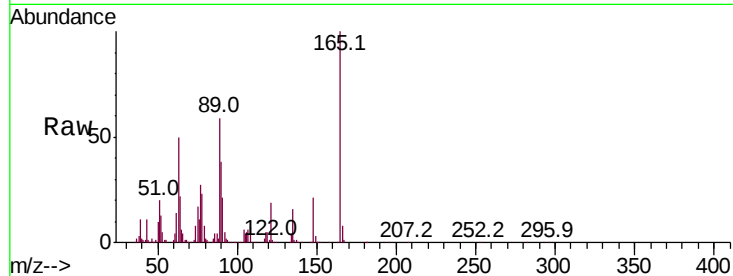
Tot Ion:165 Resp: 241207

Ion Ratio Lower Upper

165 100

63 50.0 40.4 60.6

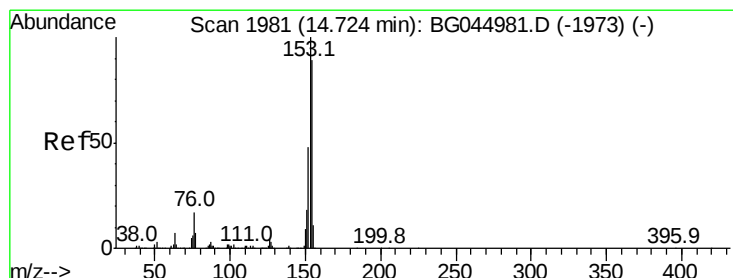
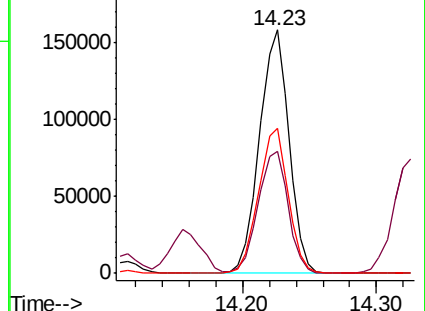
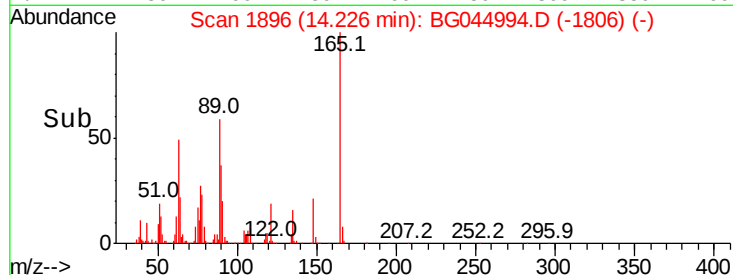
89 59.4 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 47.410 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

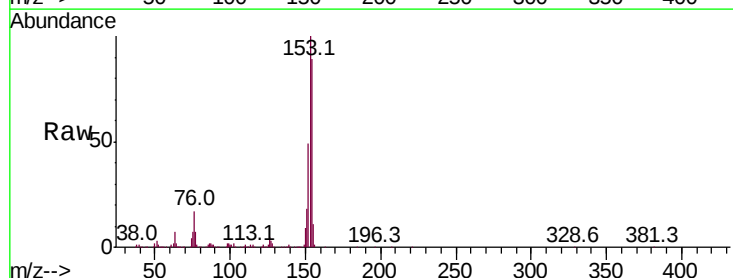
Tgt Ion:154 Resp: 745927

Ion Ratio Lower Upper

154 100

153 112.6 89.7 134.5

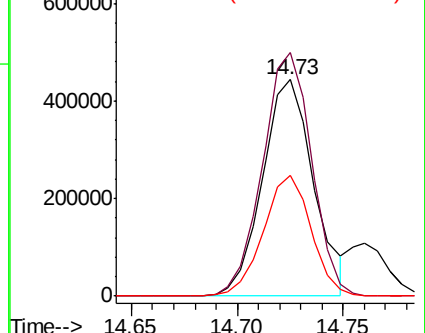
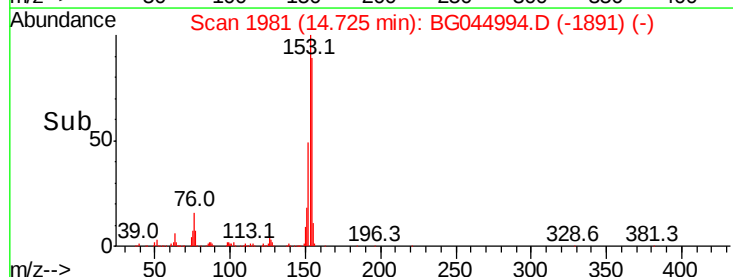
152 55.7 43.1 64.7

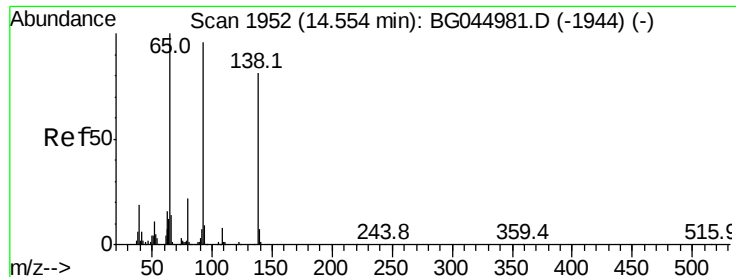


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 15.973 ng

RT: 14.55 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

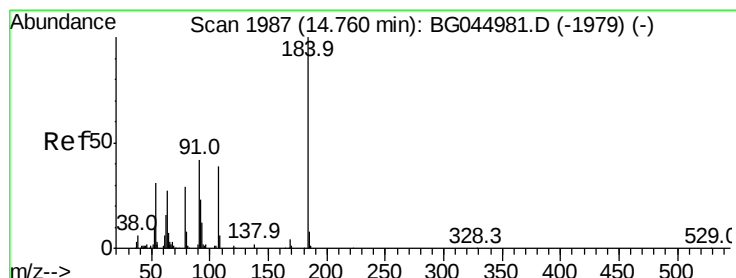
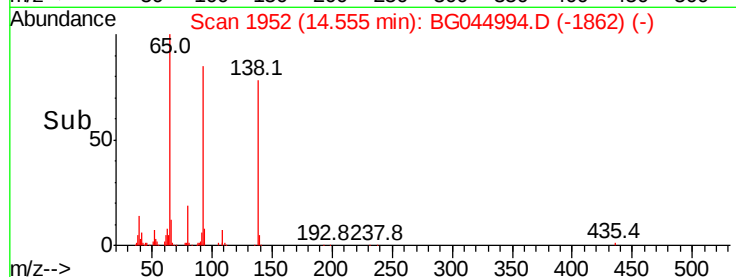
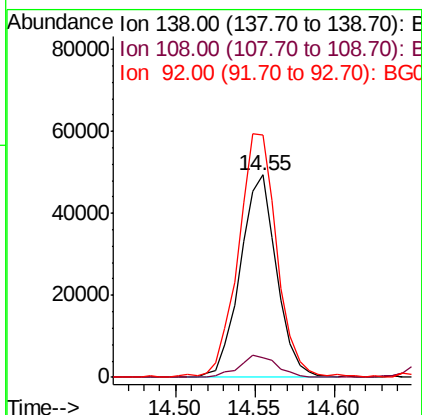
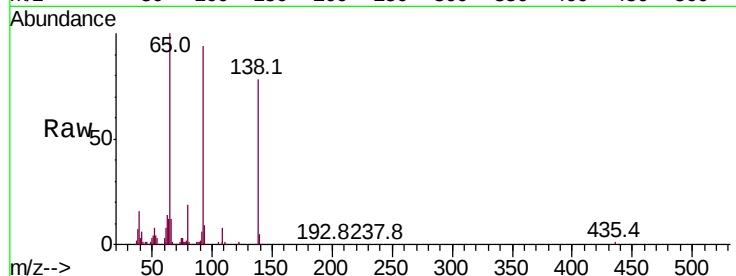
Tot Ion:138 Resp: 78431

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.8

92 119.7 94.5 141.7



#54

2,4-Dinitrophenol

Concen: 102.634 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

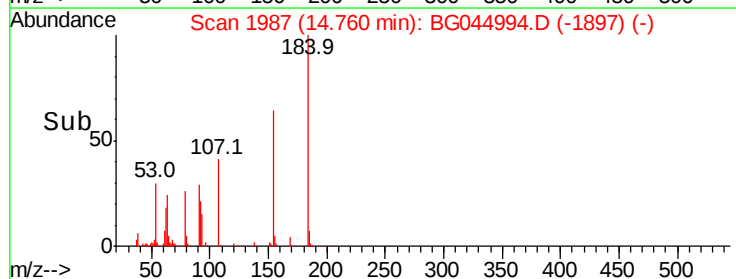
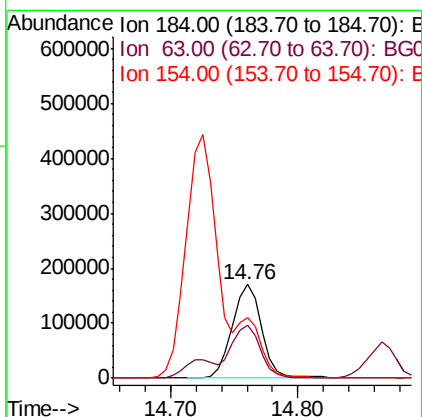
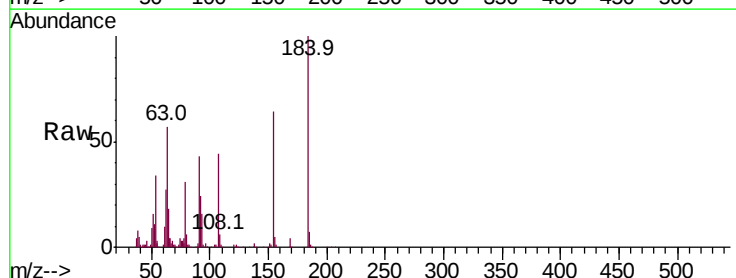
Tgt Ion:184 Resp: 273219

Ion Ratio Lower Upper

184 100

63 57.0 41.5 62.3

154 64.2 52.3 78.5

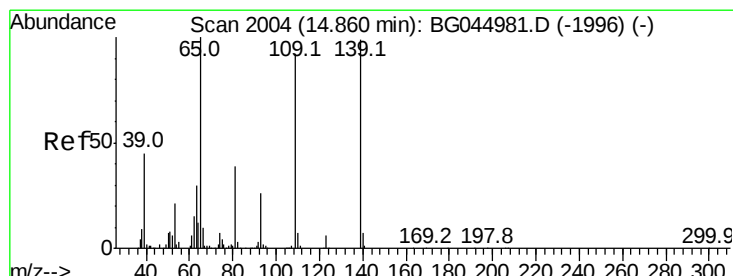
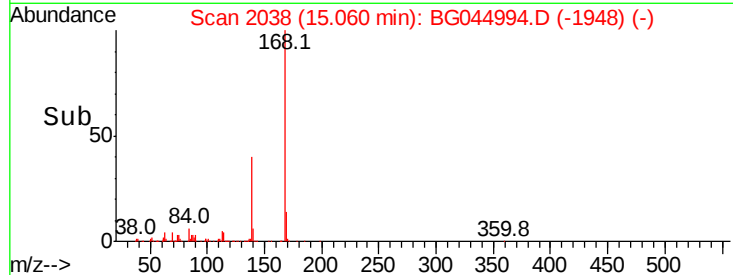
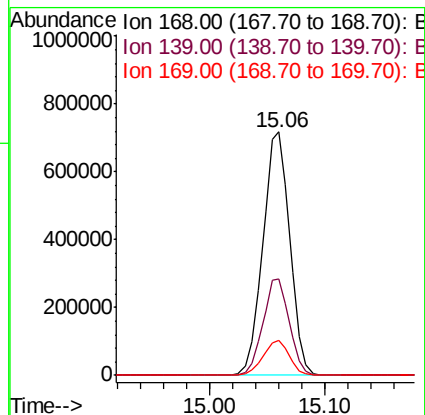
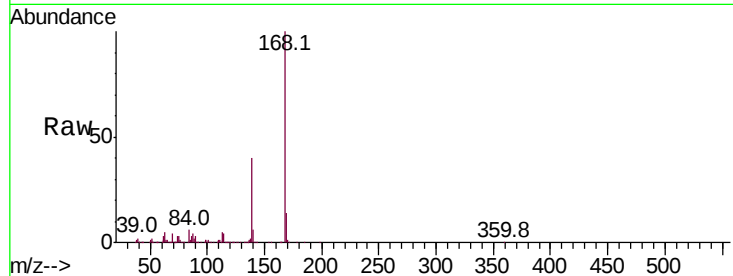




#55  
Dibenzenofuran  
Concen: 50.716 ng  
RT: 15.06 min Scan# 2038  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

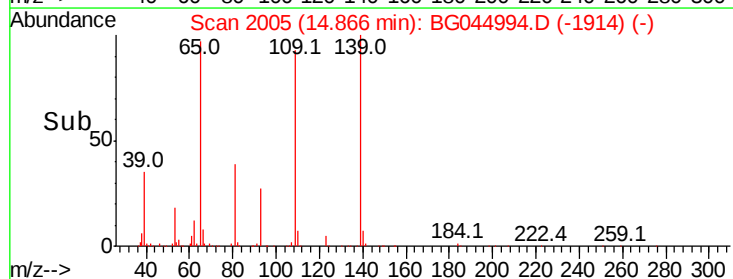
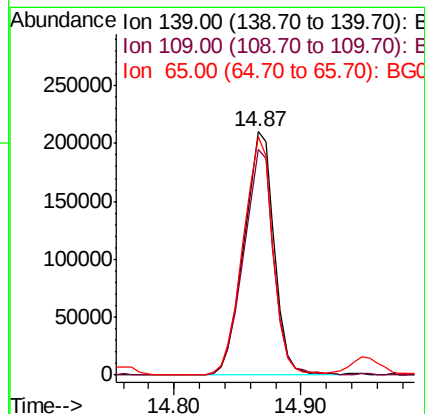
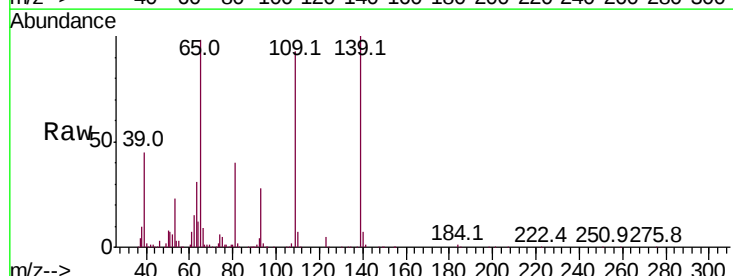
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-041420MSD

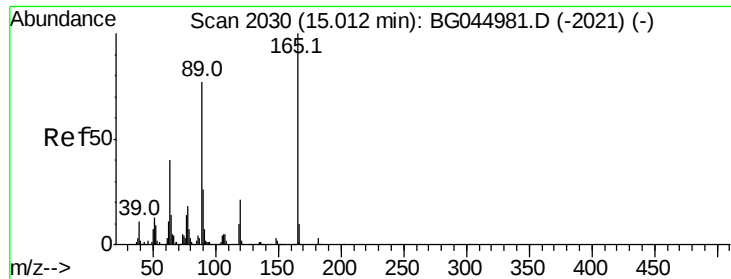
Tot Ion:168 Resp: 1163339  
Ion Ratio Lower Upper  
168 100  
139 39.7 30.4 45.6  
169 14.3 11.0 16.4



#56  
4-Nitrophenol  
Concen: 91.224 ng  
RT: 14.87 min Scan# 2005  
Delta R.T. 0.01 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

Tgt Ion:139 Resp: 347299  
Ion Ratio Lower Upper  
139 100  
109 92.6 73.6 113.6  
65 97.9 81.2 121.2

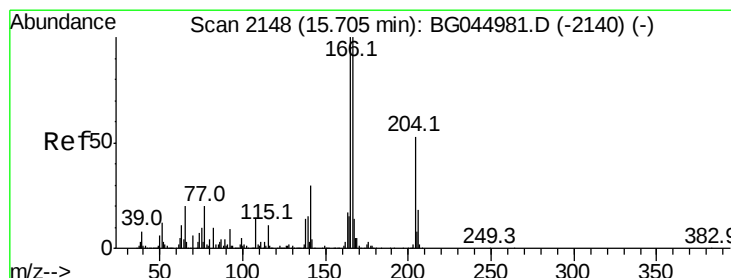
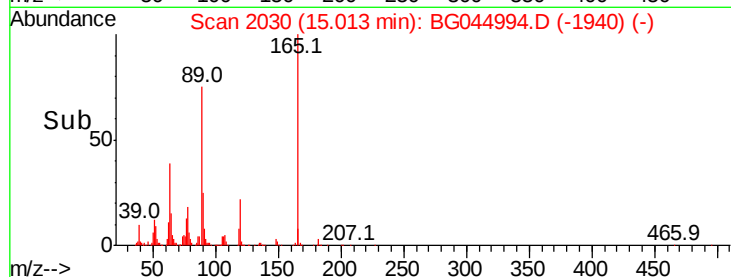
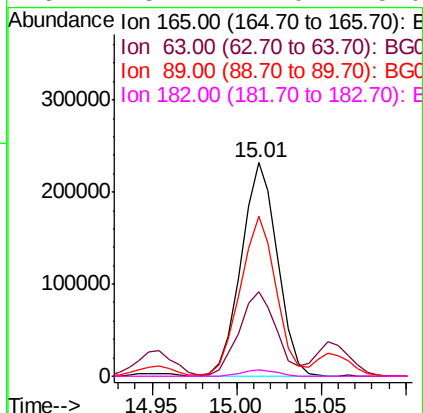
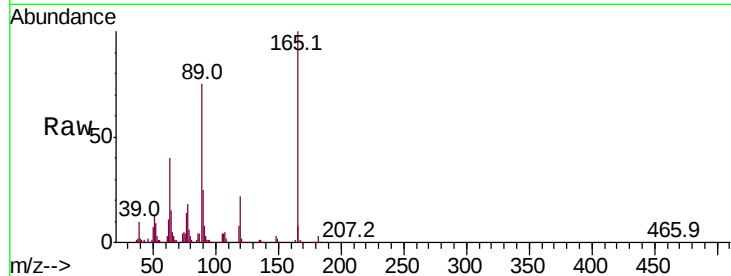




#57  
2,4-Dinitrotoluene  
Concen: 52.556 ng  
RT: 15.01 min Scan# 2030  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

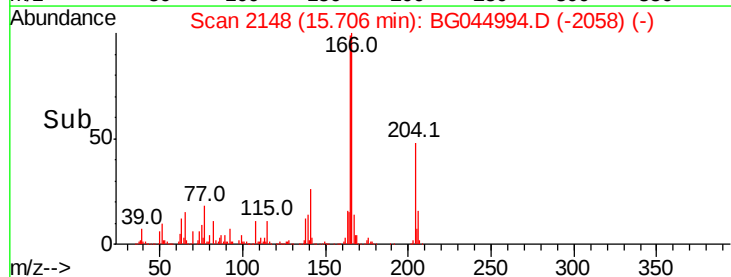
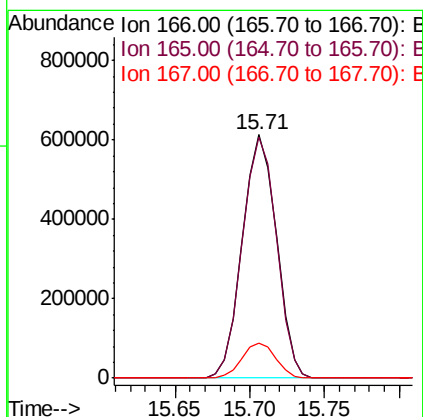
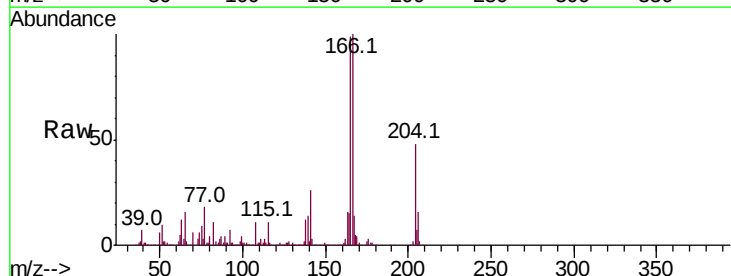
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-041420MSD

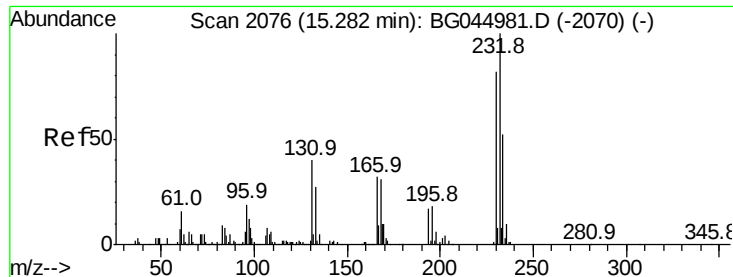
Tot Ion:165 Resp: 343843  
Ion Ratio Lower Upper  
165 100  
63 39.6 32.2 48.2  
89 74.7 61.7 92.5  
182 3.2 2.0 3.0#



#58  
Fluorene  
Concen: 51.838 ng  
RT: 15.71 min Scan# 2148  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

Tgt Ion:166 Resp: 971247  
Ion Ratio Lower Upper  
166 100  
165 98.8 79.9 119.9  
167 14.2 11.4 17.0

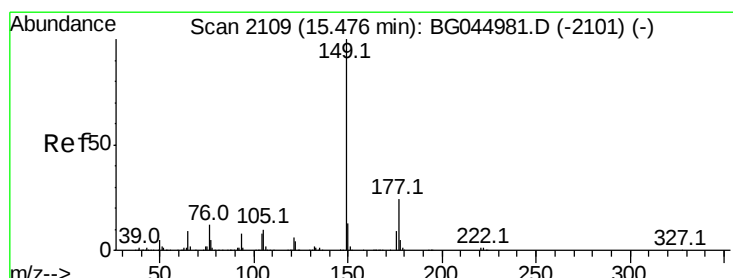
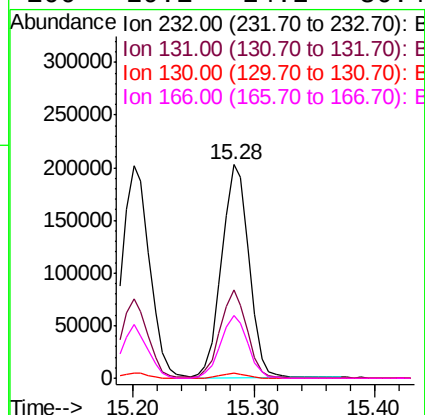
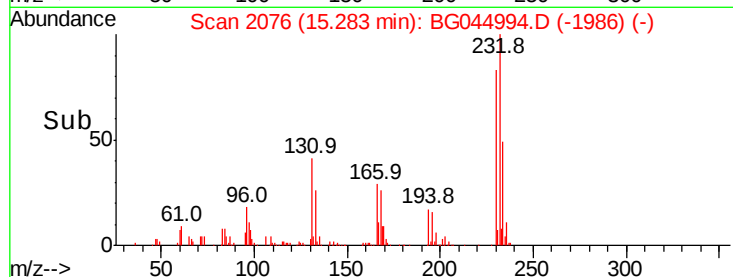
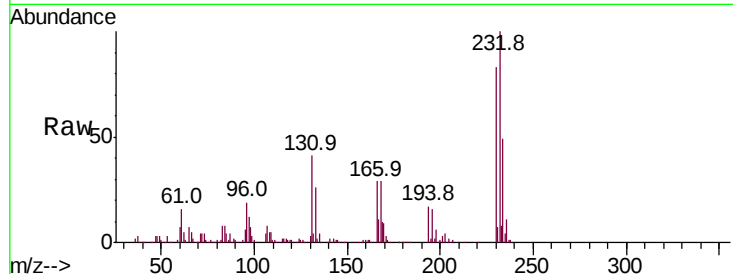




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 56.104 ng  
RT: 15.28 min Scan# 2076  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

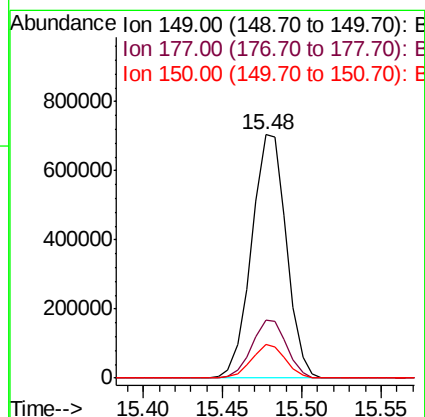
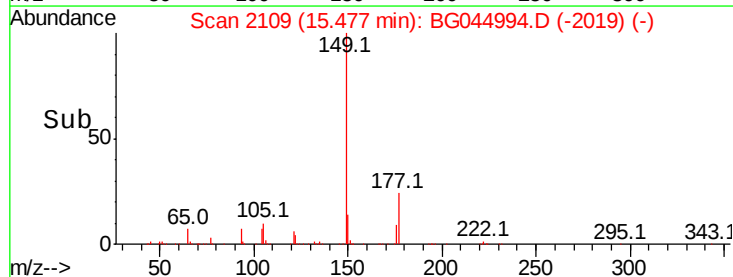
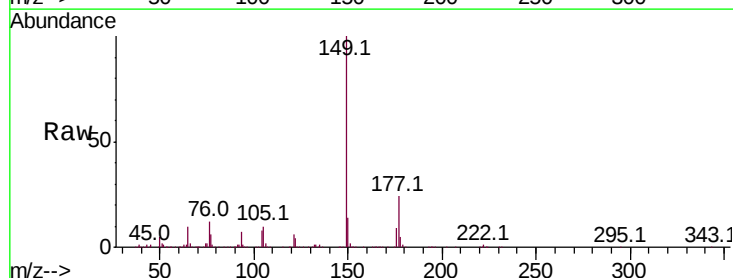
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-041420MSD

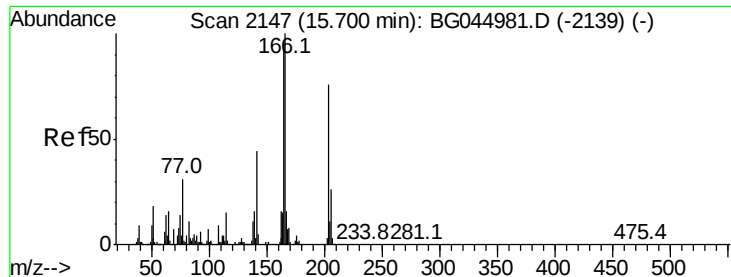
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 317399 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 40.4  | 32.2  | 48.2   |
| 130      | 2.5   | 2.2   | 3.2    |
| 166      | 29.1  | 24.2  | 36.4   |



#60  
Diethylphthalate  
Concen: 51.587 ng  
RT: 15.48 min Scan# 2109  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1076518 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 24.1  | 18.9  | 28.3    |
| 150      | 14.0  | 10.6  | 15.8    |





#61

4-Chlorophenyl-phenylether

Concen: 50.144 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

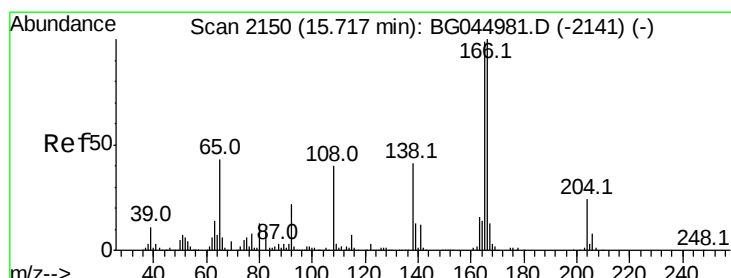
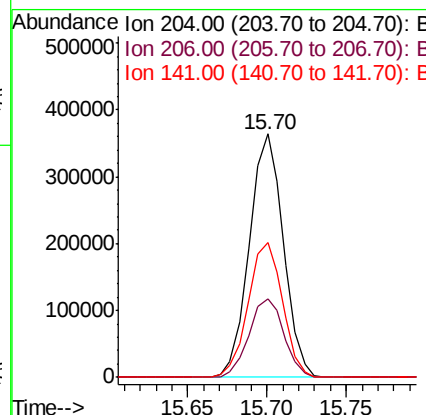
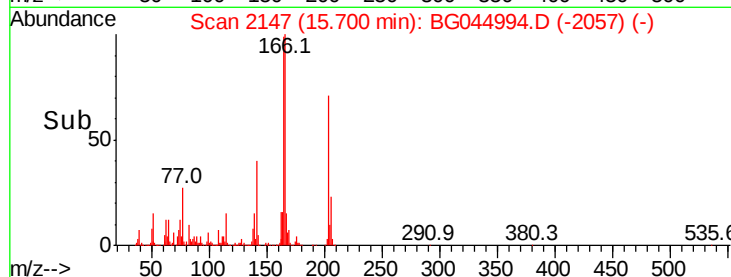
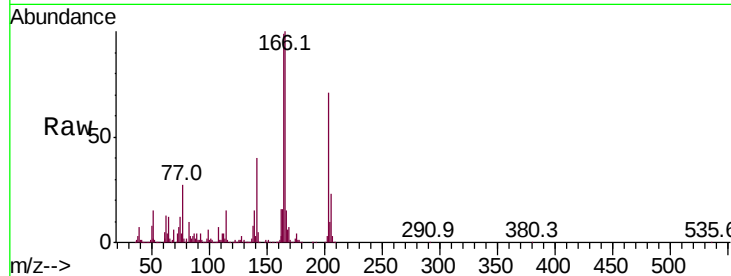
Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-041420MSD

Tot Ion:204 Resp: 540772

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 32.0  | 26.9  | 40.3  |
| 141 | 55.6  | 46.3  | 69.5  |



#62

4-Nitroaniline

Concen: 48.170 ng

RT: 15.72 min Scan# 2151

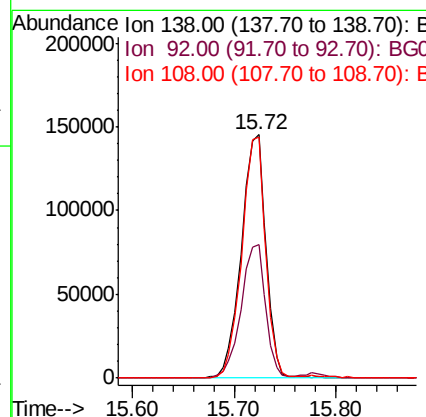
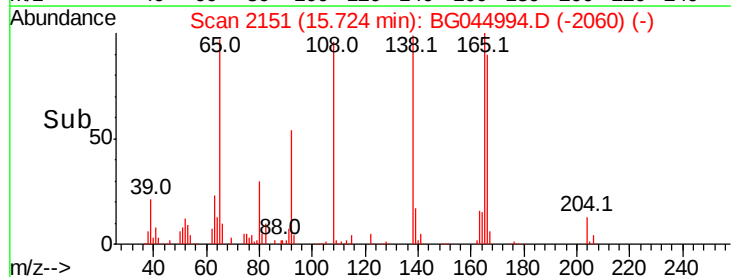
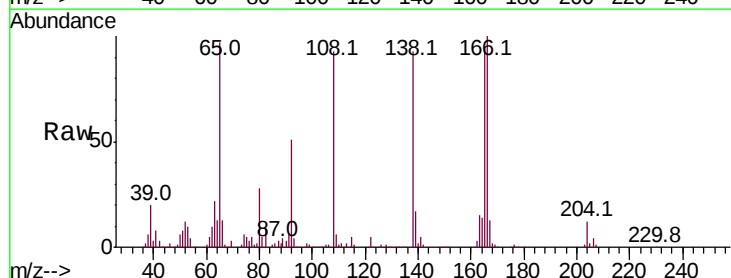
Delta R.T. 0.01 min

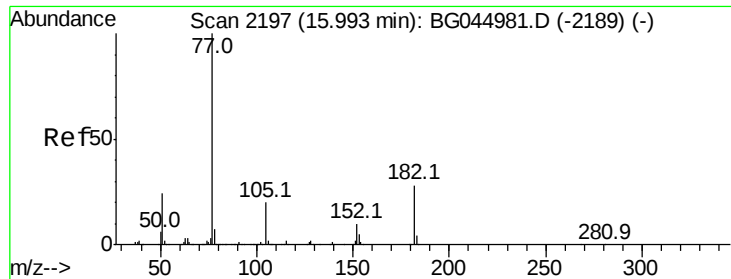
Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:138 Resp: 245316

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 92  | 54.6  | 33.6  | 73.6  |
| 108 | 99.3  | 78.2  | 118.2 |





#63

Azobenzene

Concen: 52.740 ng

RT: 15.99 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

Tot Ion: 77 Resp: 1014691

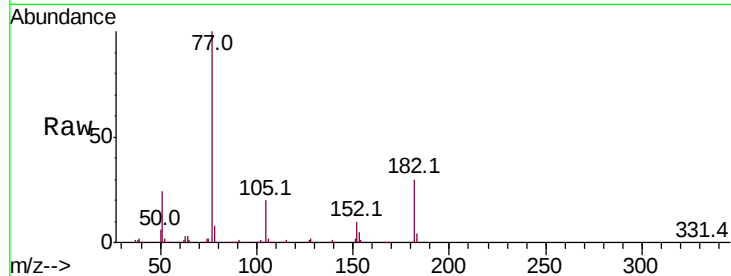
Ion Ratio Lower Upper

77 100

182 29.6 8.4 48.4

105 19.9 0.5 40.5

51 24.0 4.4 44.4

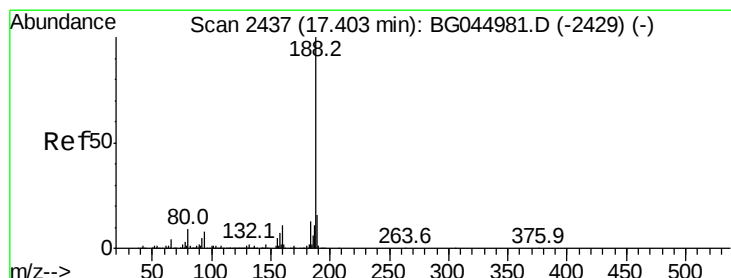
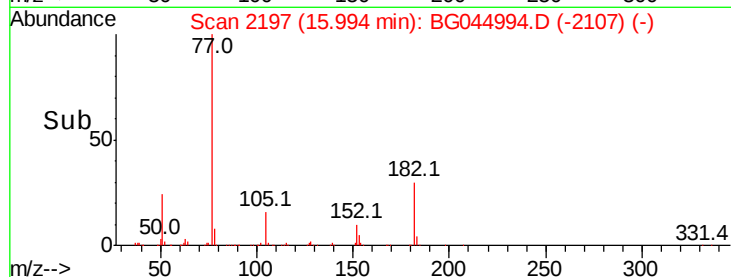
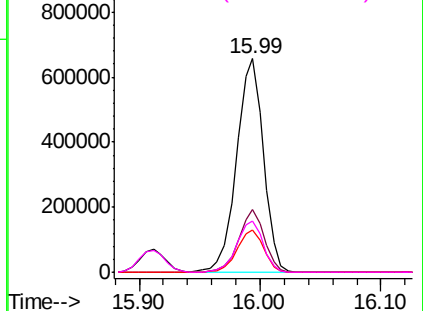


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

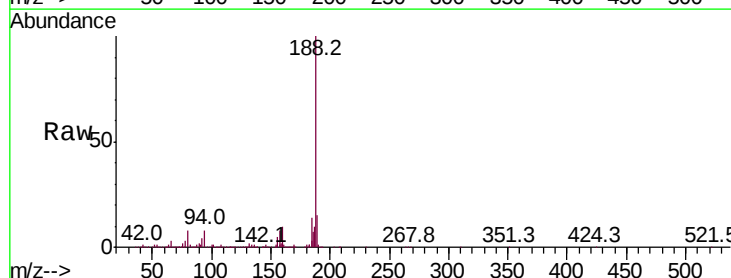
Tgt Ion: 188 Resp: 613552

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.4

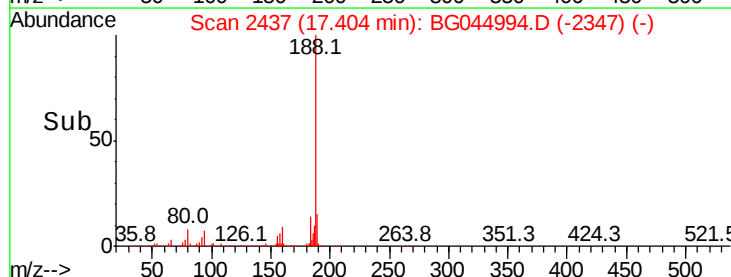
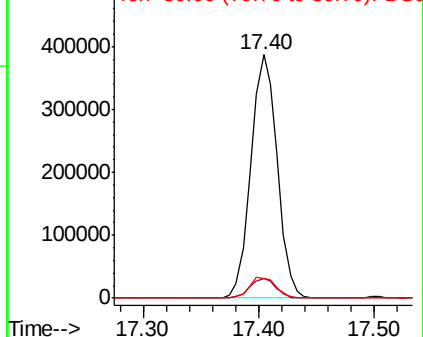
80 8.1 7.0 10.6

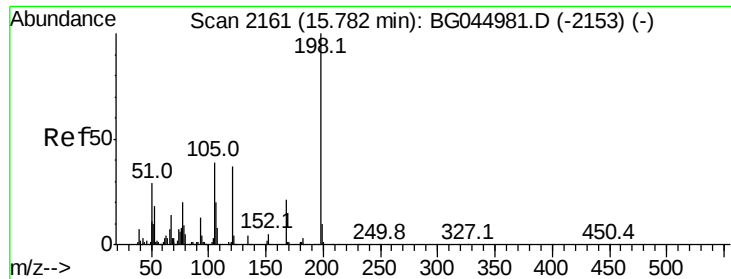


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

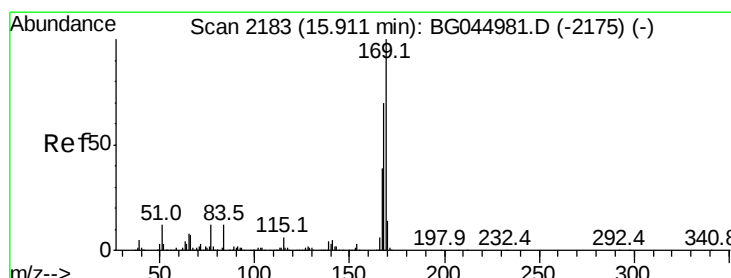
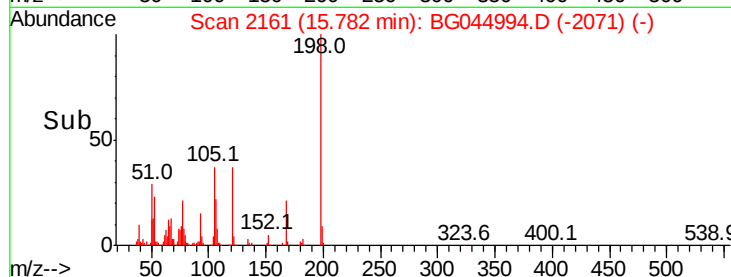
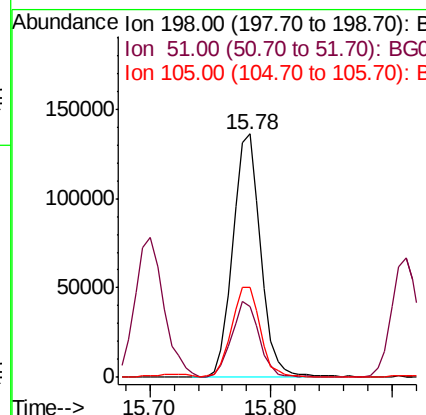
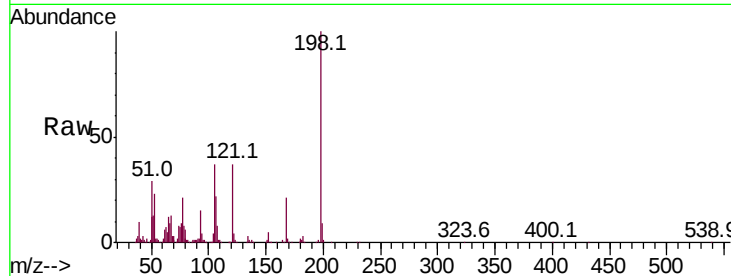




#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.137 ng  
RT: 15.78 min Scan# 2161  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

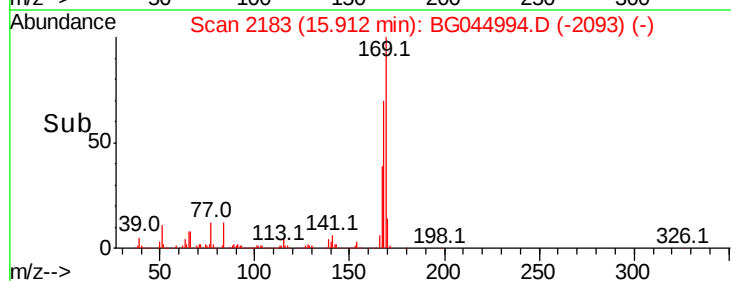
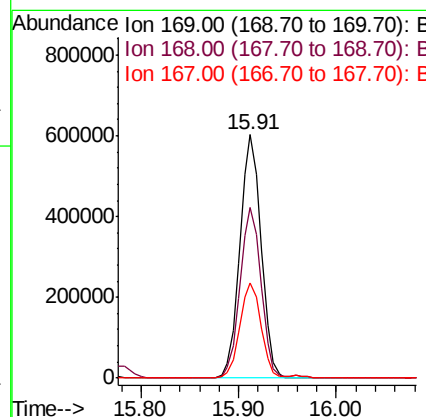
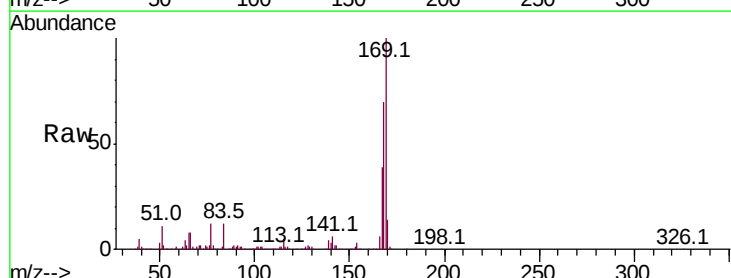
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-041420MSD

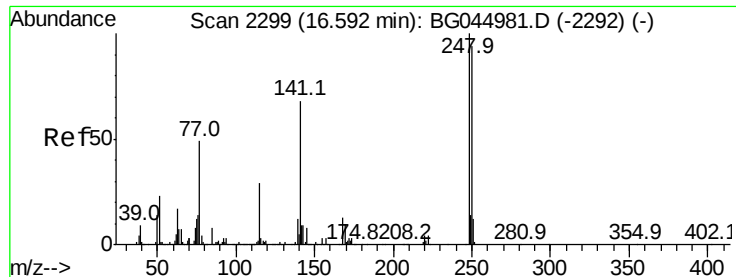
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 29.0  | 10.0  | 50.0  |
| 105     | 36.8  | 18.9  | 58.9  |



#66  
n-Nitrosodiphenylamine  
Concen: 51.193 ng  
RT: 15.91 min Scan# 2183  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.1  | 55.8  | 83.8  |
| 167     | 39.3  | 30.8  | 46.2  |

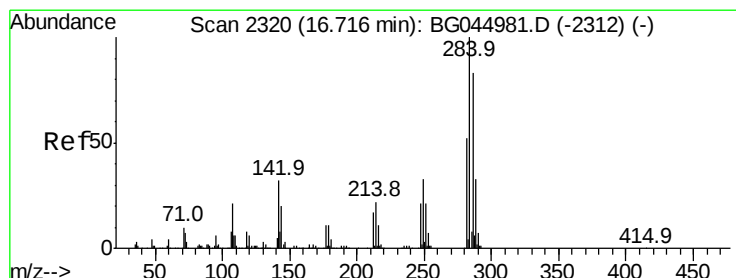
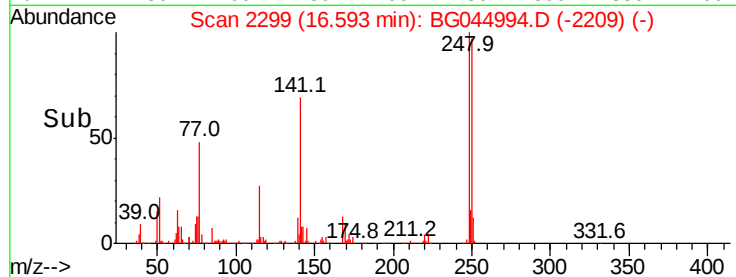
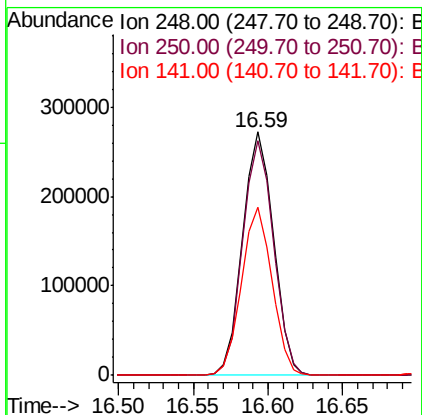
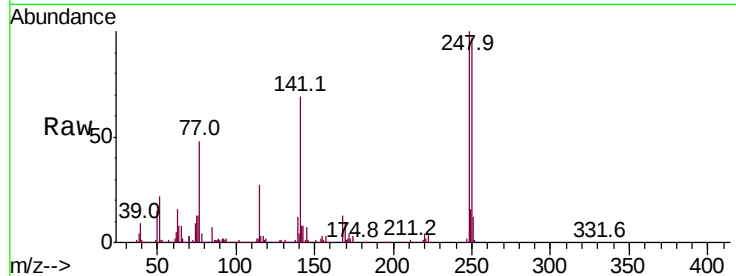




#67  
 4-Bromophenyl-phenylether  
 Concen: 49.231 ng  
 RT: 16.59 min Scan# 2299  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

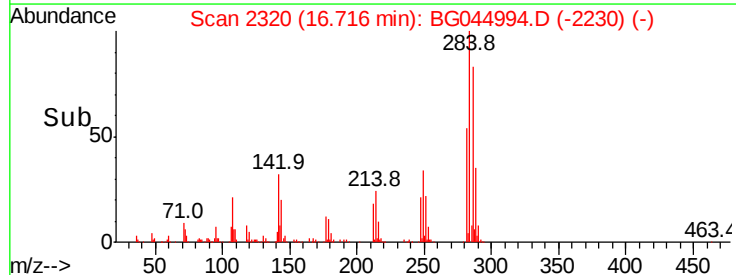
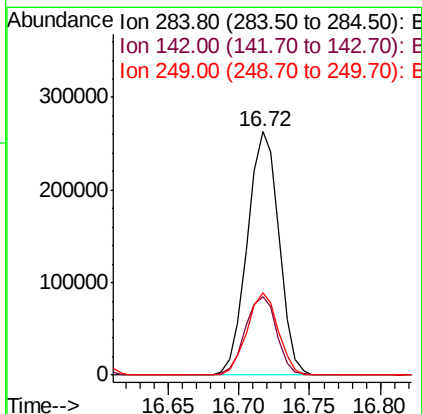
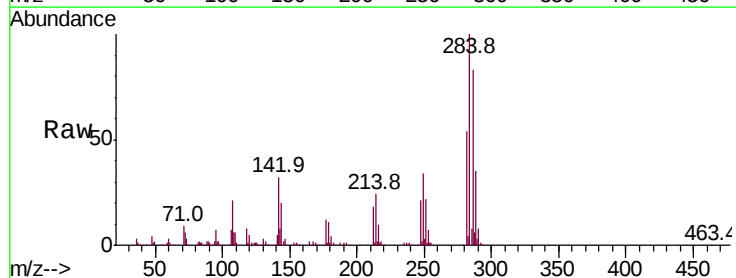
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-041420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.6  | 75.4  | 113.2 |
| 141     | 68.8  | 54.4  | 81.6  |



#68  
 Hexachlorobenzene  
 Concen: 50.554 ng  
 RT: 16.72 min Scan# 2320  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.4  | 25.8  | 38.6  |
| 249     | 33.9  | 26.6  | 39.8  |





#69

Atrazine

Concen: 62.261 ng

RT: 16.86 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

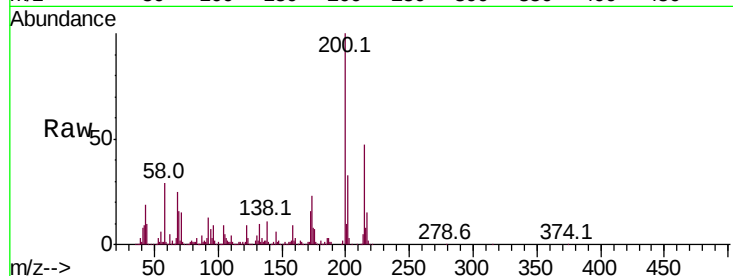
Tot Ion:200 Resp: 388539

Ion Ratio Lower Upper

200 100

173 23.5 4.5 44.5

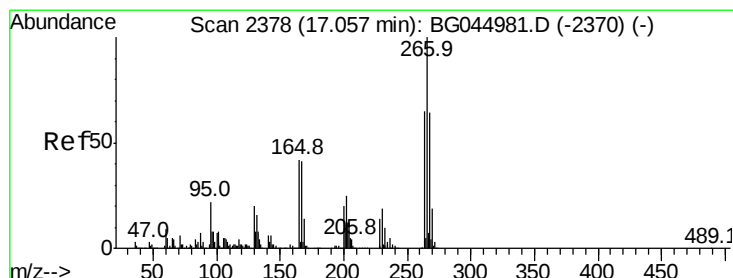
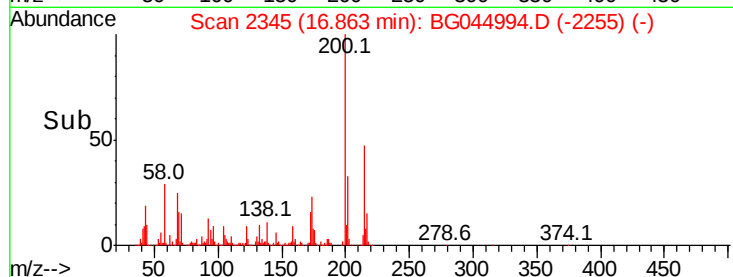
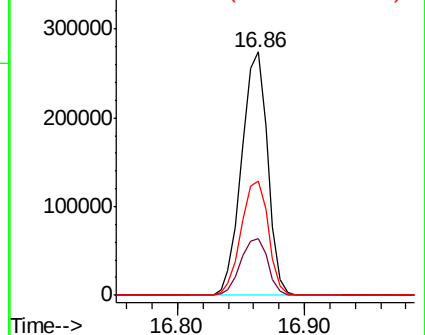
215 47.1 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 103.778 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

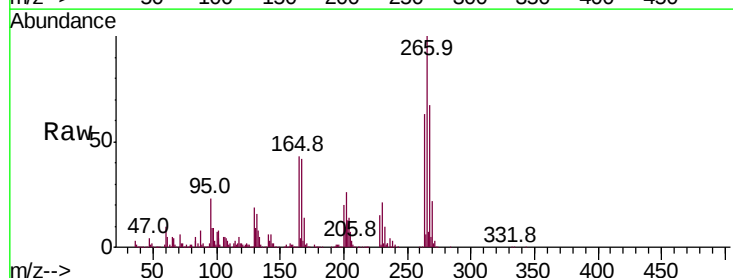
Tgt Ion:266 Resp: 522623

Ion Ratio Lower Upper

266 100

268 66.9 51.5 77.3

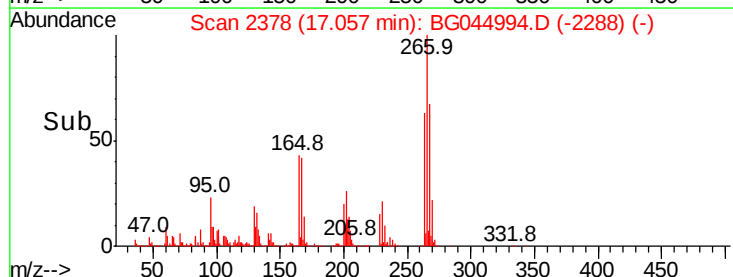
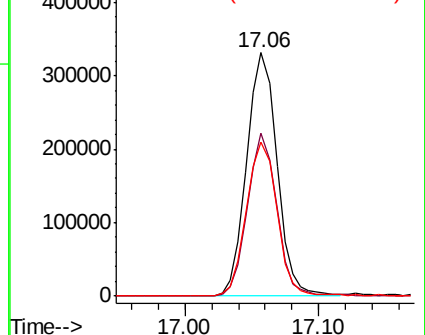
264 63.1 52.2 78.4

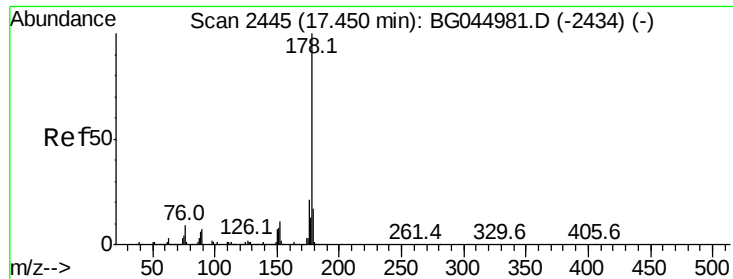


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 51.535 ng

RT: 17.44 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

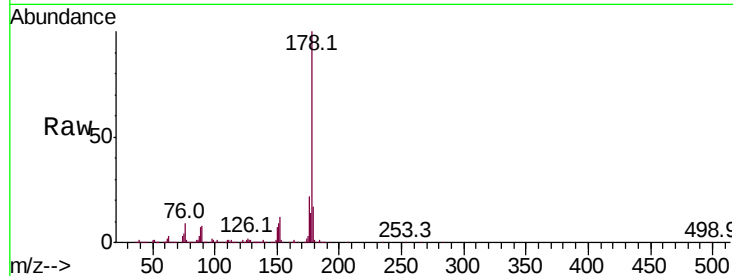
Tot Ion:178 Resp: 1624848

Ion Ratio Lower Upper

178 100

176 22.0 16.8 25.2

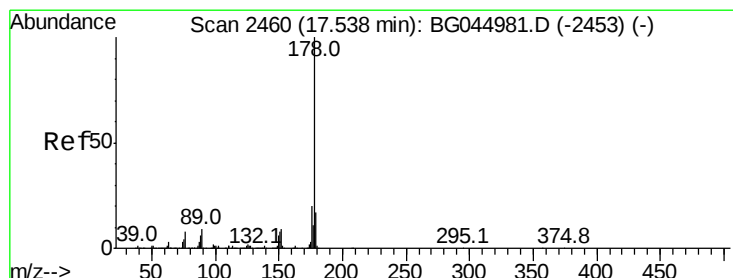
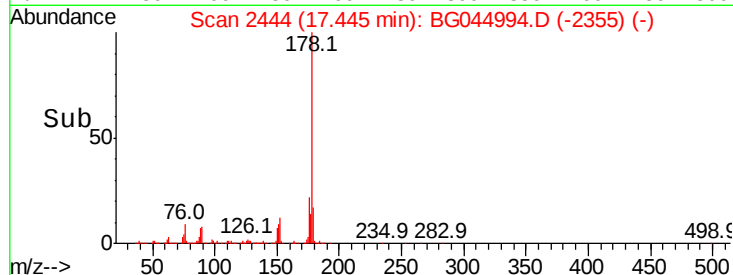
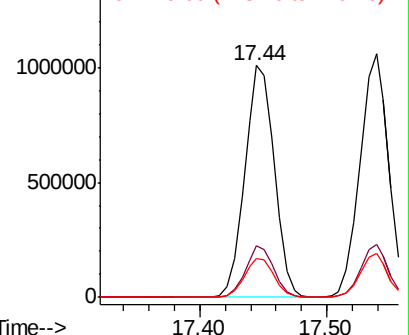
179 17.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.436 ng

RT: 17.54 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

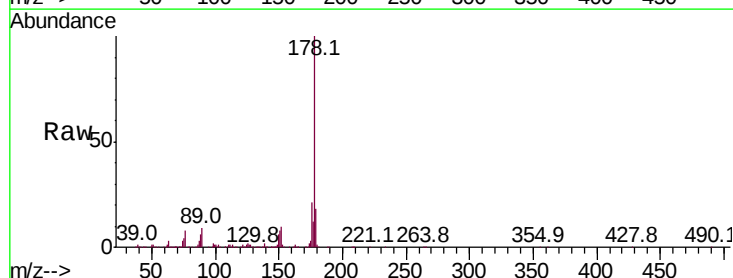
Tgt Ion:178 Resp: 1658380

Ion Ratio Lower Upper

178 100

176 21.5 16.0 24.0

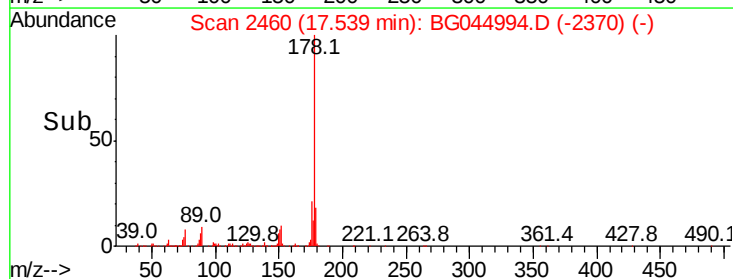
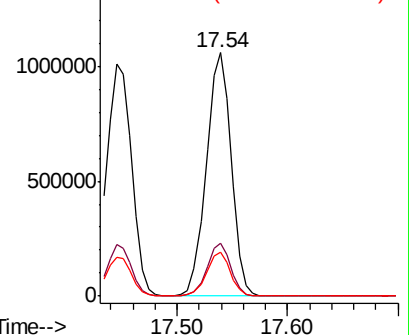
179 17.9 13.6 20.4

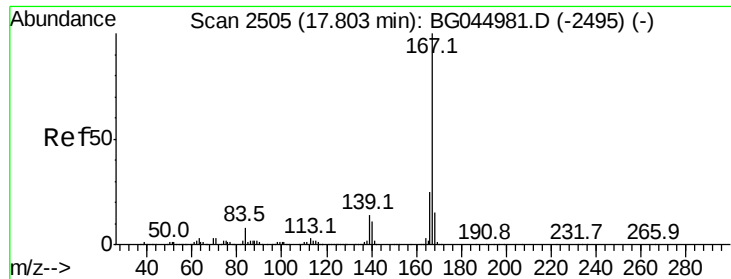


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



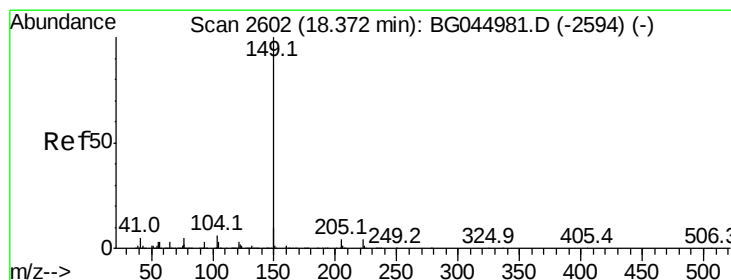
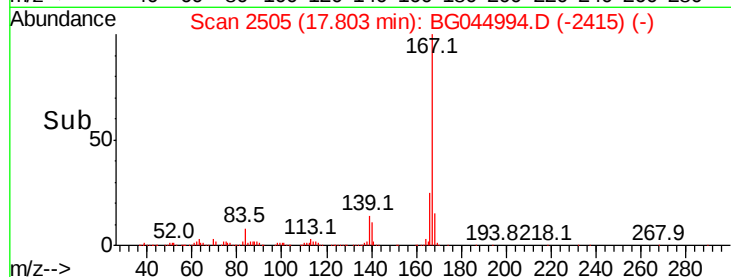
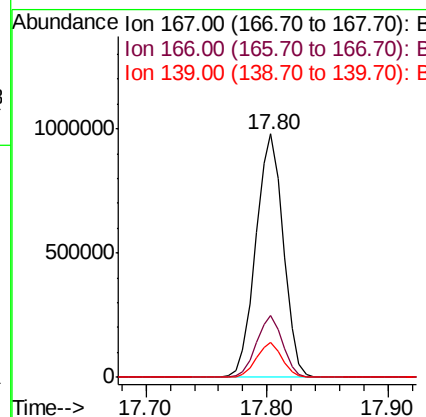
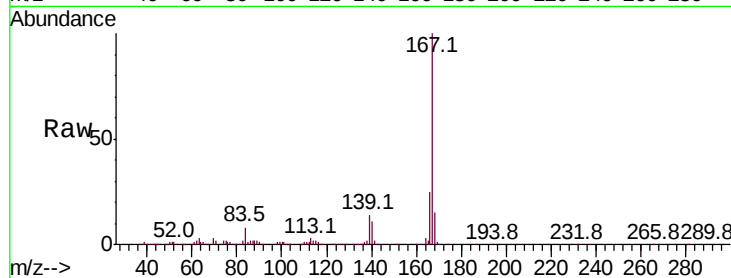


#73  
 Carbazole  
 Concen: 48.483 ng  
 RT: 17.80 min Scan# 2505  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-041420MSD

Tot Ion:167 Resp: 1556045  

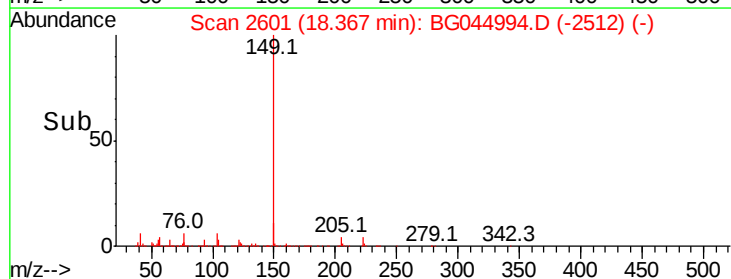
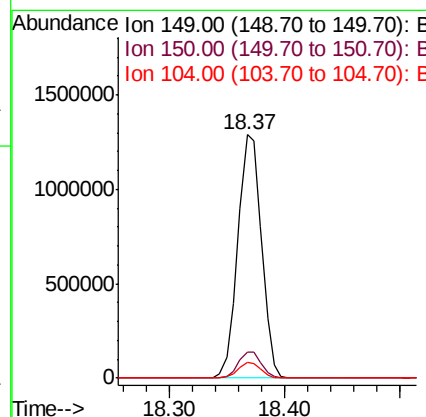
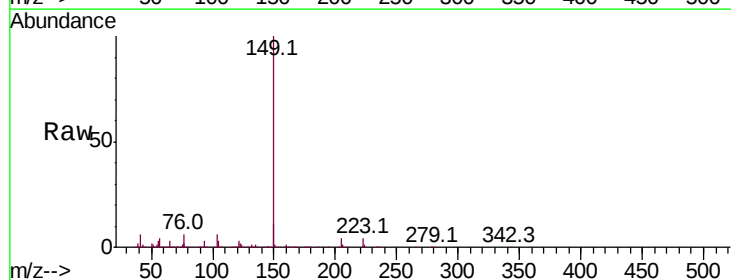
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.4  | 19.8  | 29.6  |
| 139 | 14.2  | 10.9  | 16.3  |

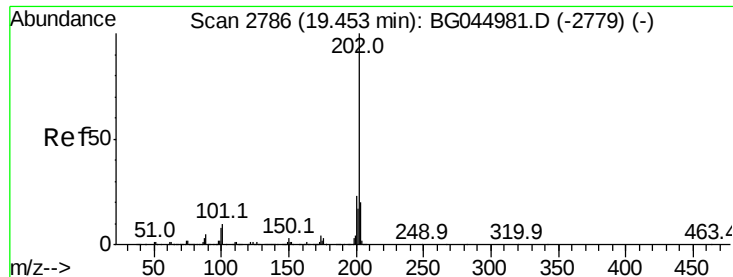


#74  
 Di-n-butylphthalate  
 Concen: 53.373 ng  
 RT: 18.37 min Scan# 2601  
 Delta R.T. -0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

Tgt Ion:149 Resp: 1825234  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.7  | 8.2   | 12.2  |
| 104 | 6.4   | 4.8   | 7.2   |

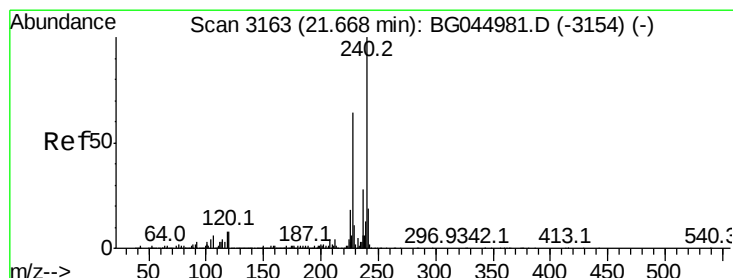
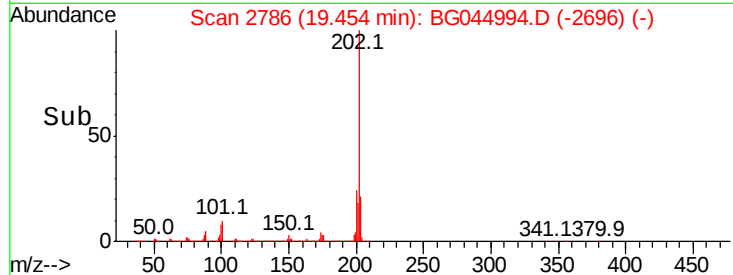
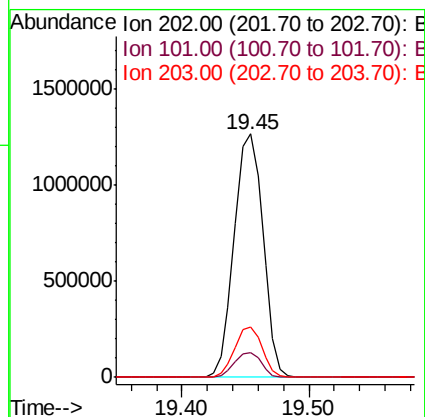
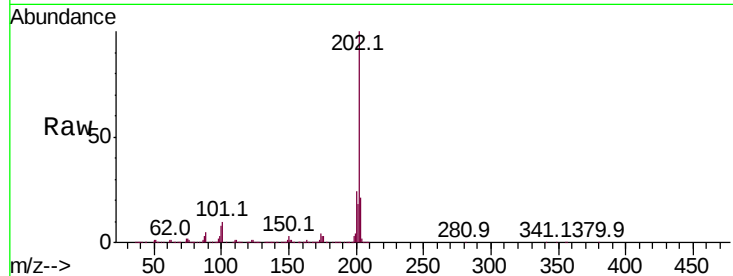




#75  
 Fluoranthene  
 Concen: 55.253 ng  
 RT: 19.45 min Scan# 2786  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

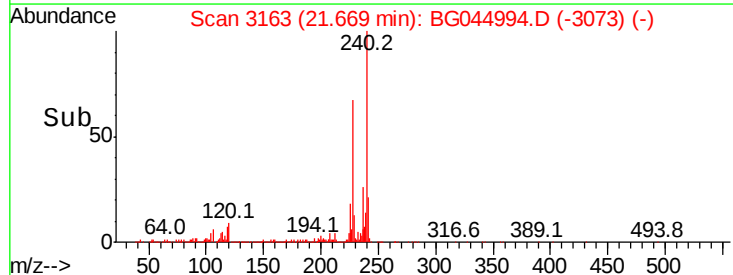
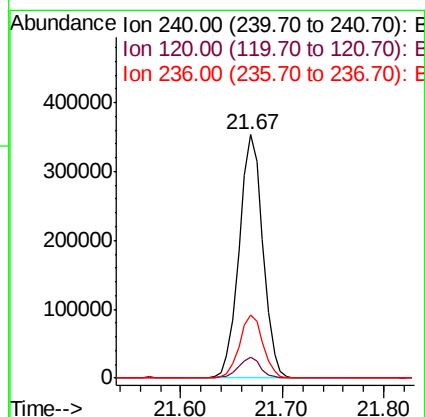
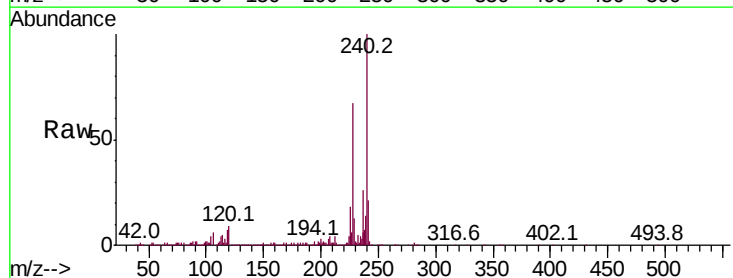
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-041420MSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1995495 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 10.0  | 0.0   | 29.6    |
| 203      | 20.9  | 0.0   | 39.7    |



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.67 min Scan# 3163  
 Delta R.T. 0.00 min  
 Lab File: BG044994.D  
 Acq: 15 Apr 2020 22:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 571295 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 8.6   | 6.6   | 10.0   |
| 236      | 26.2  | 22.2  | 33.2   |





#77

Benzidine

Concen: 28.326 ng

RT: 19.62 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

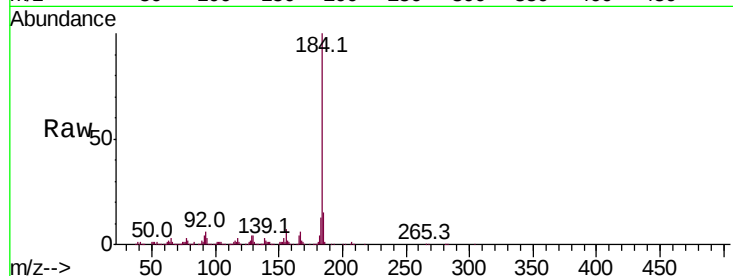
BNA\_G

ClientSampleId :

TR-04-041420MSD

Tot Ion:184 Resp: 505225

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.6  | 12.6  | 19.0  |
| 183 | 13.4  | 11.3  | 16.9  |

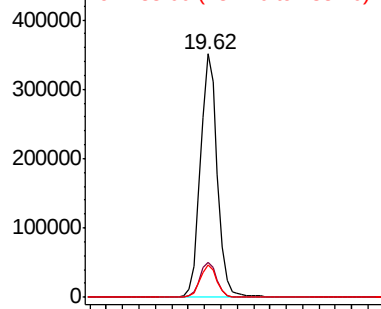


Abundance

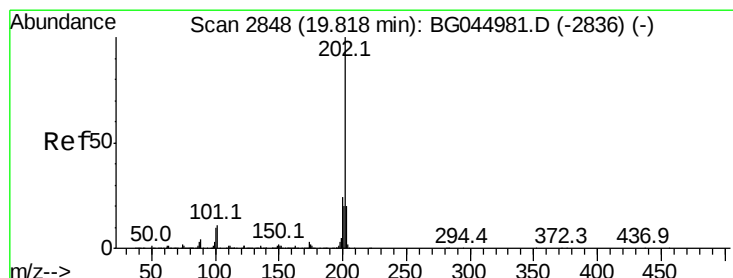
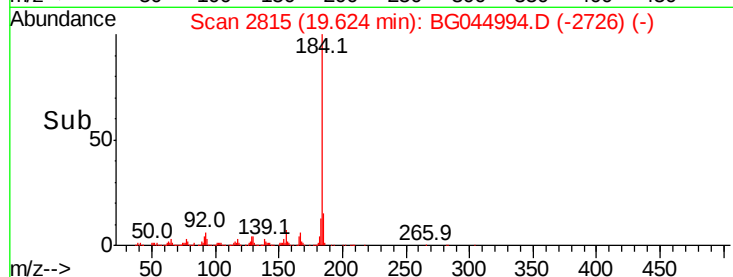
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 50.067 ng

RT: 19.81 min Scan# 2847

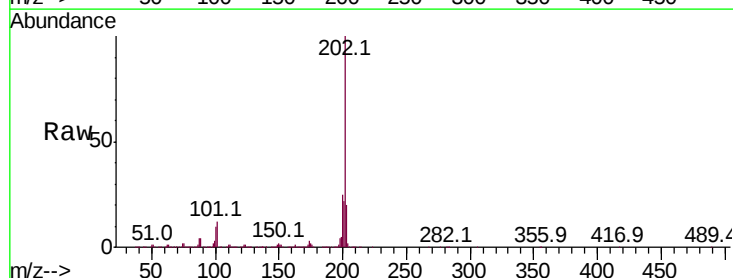
Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:202 Resp: 1971922

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 25.3  | 19.0  | 28.6  |
| 203 | 20.4  | 16.1  | 24.1  |

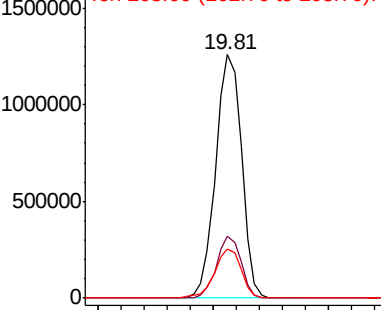


Abundance

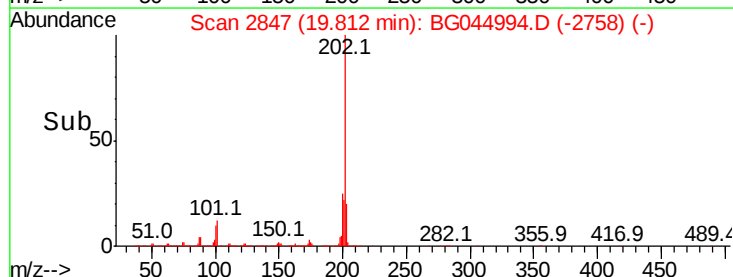
Ion 202.00 (201.70 to 202.70): E

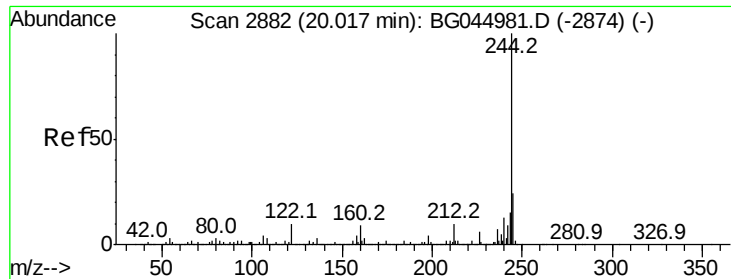
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 104.888 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

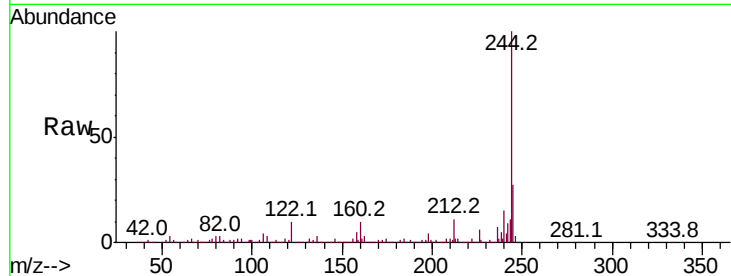
Tot Ion:244 Resp: 2749249

Ion Ratio Lower Upper

244 100

212 10.8 7.9 11.9

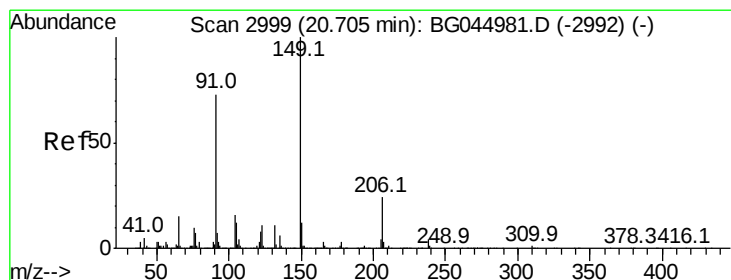
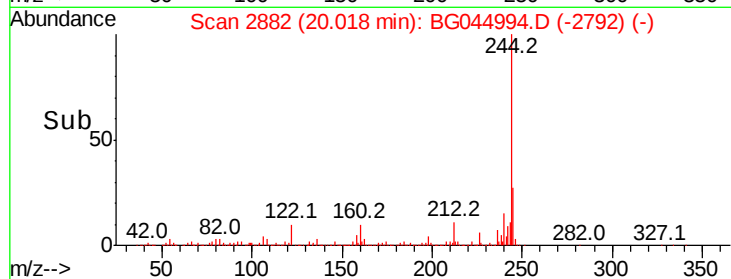
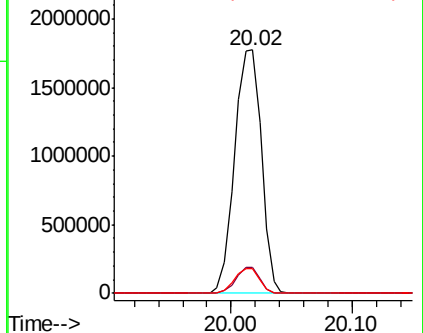
122 10.0 7.7 11.5



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: 51.429 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

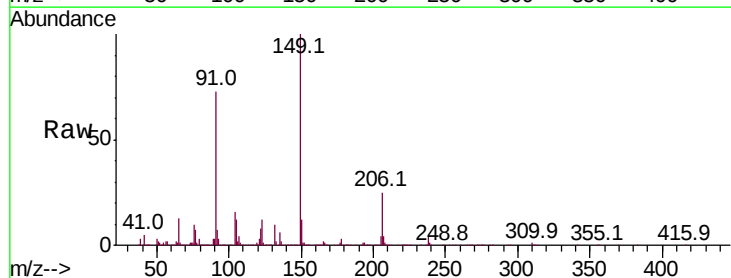
Tgt Ion:149 Resp: 839619

Ion Ratio Lower Upper

149 100

91 72.6 58.5 87.7

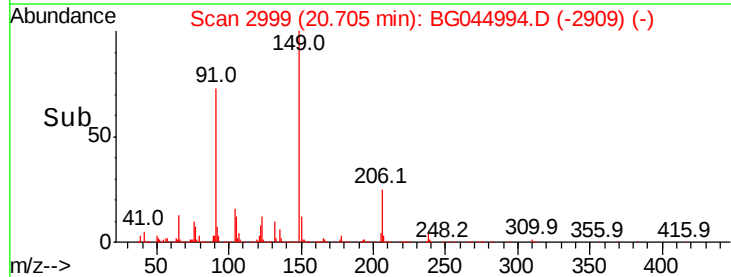
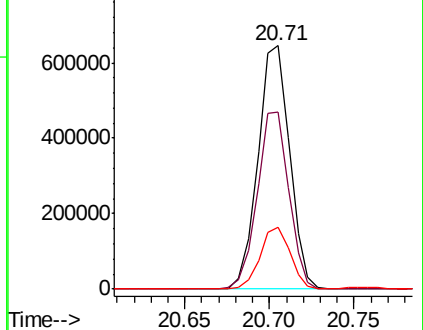
206 25.5 19.2 28.8

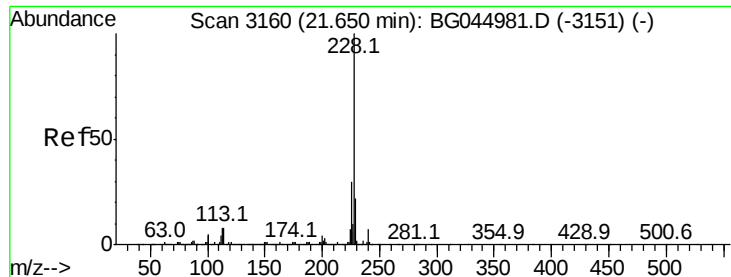


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.574 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

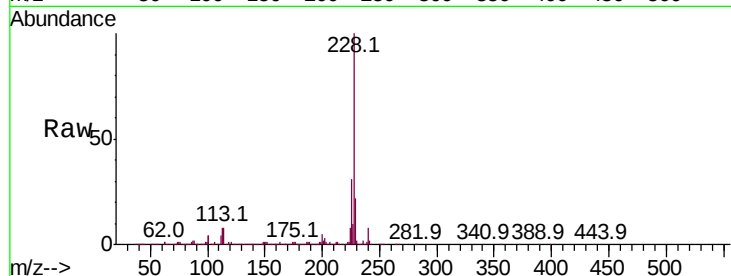
BNA\_G

ClientSampleId :

TR-04-041420MSD

Tot Ion:228 Resp: 1909674

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.1  | 24.0  | 36.0  |
| 229 | 22.1  | 17.5  | 26.3  |

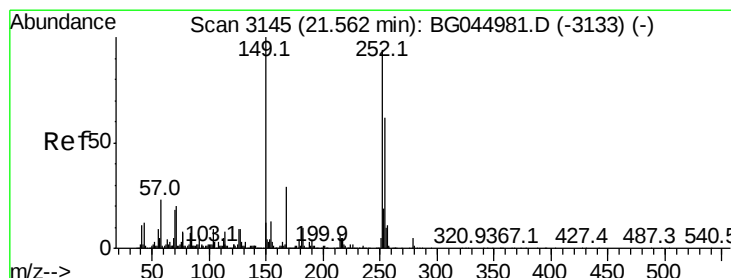
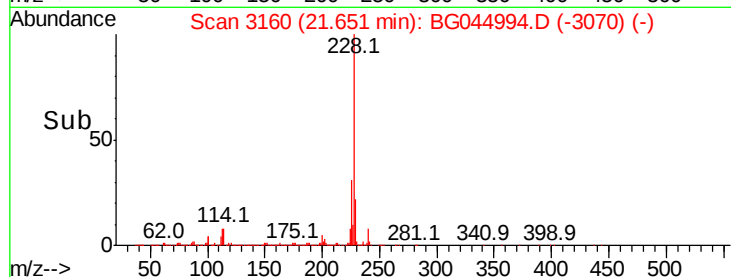
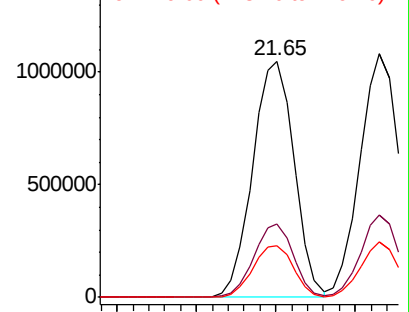


Abundance

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: 23.126 ng

RT: 21.56 min Scan# 3145

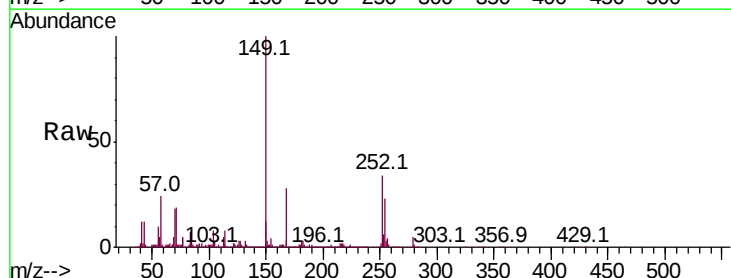
Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:252 Resp: 340831

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 69.1  | 52.6  | 79.0  |
| 126 | 8.9   | 7.5   | 11.3  |

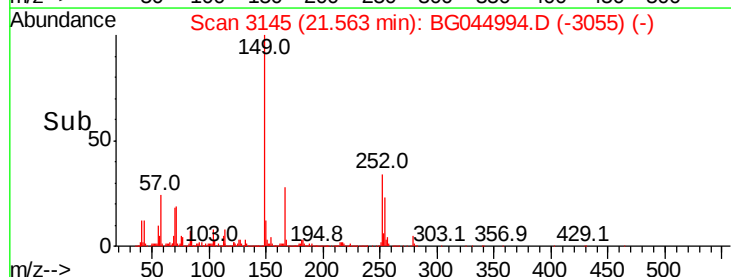
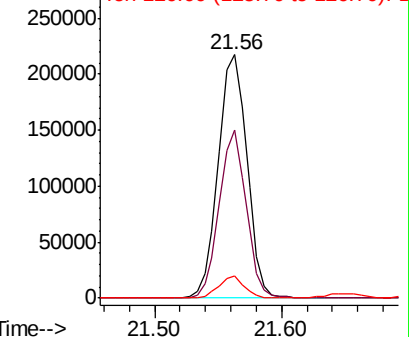


Abundance

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: 51.672 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

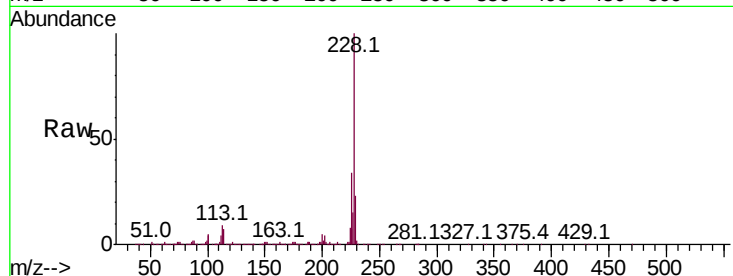
BNA\_G

ClientSampleId :

TR-04-041420MSD

Tot Ion:228 Resp: 1838333

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 34.0  | 26.2  | 39.4  |
| 229 | 22.9  | 17.0  | 25.6  |

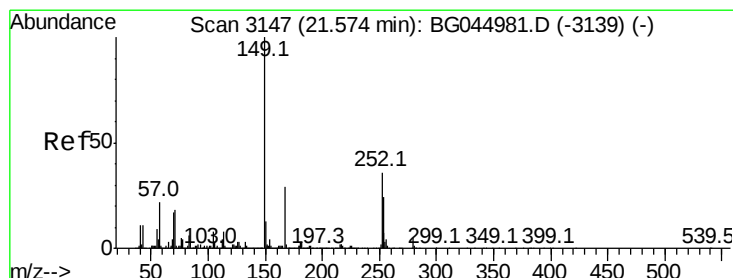
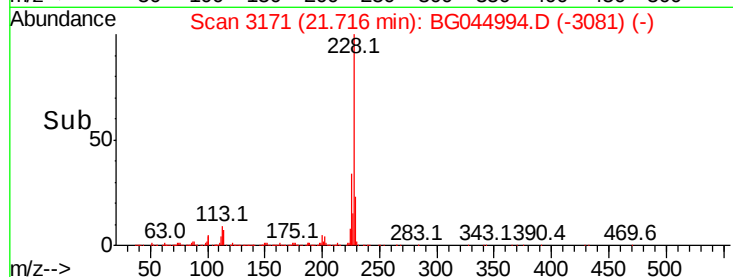
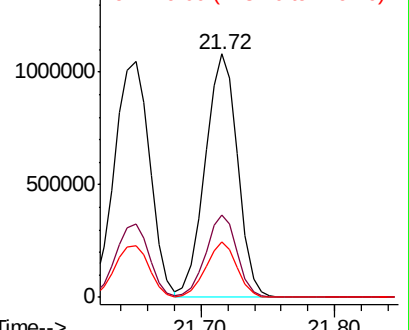


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.759 ng

RT: 21.57 min Scan# 3146

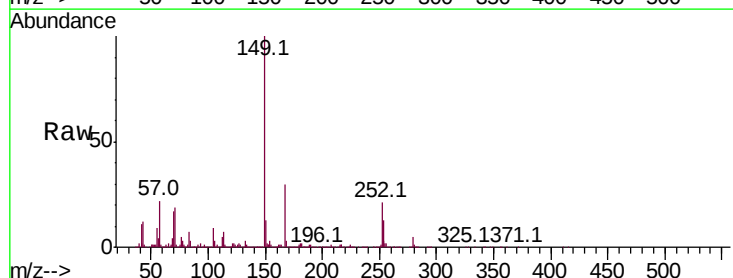
Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:149 Resp: 1162165

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.7  | 23.4  | 35.0  |
| 279 | 5.5   | 4.3   | 6.5   |

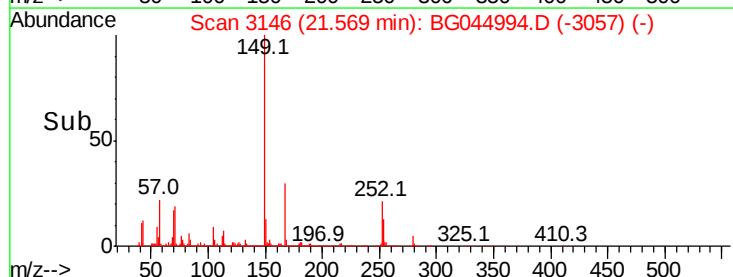
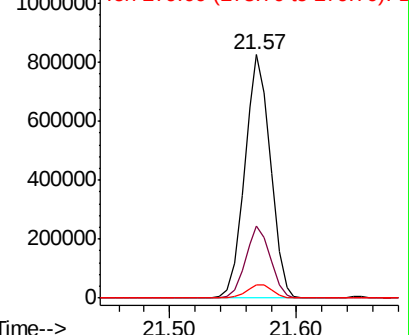


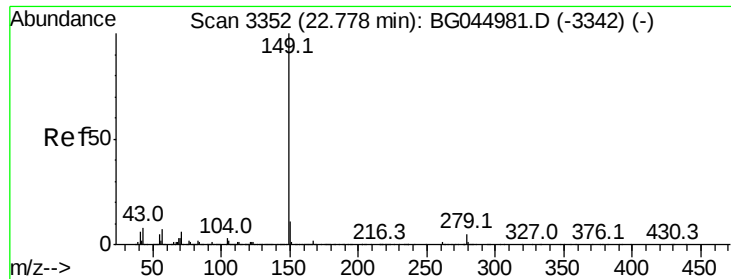
Abundance

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

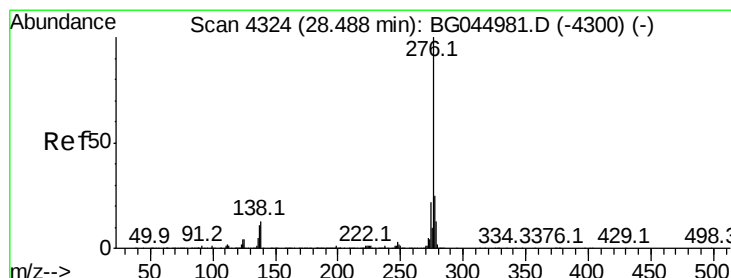
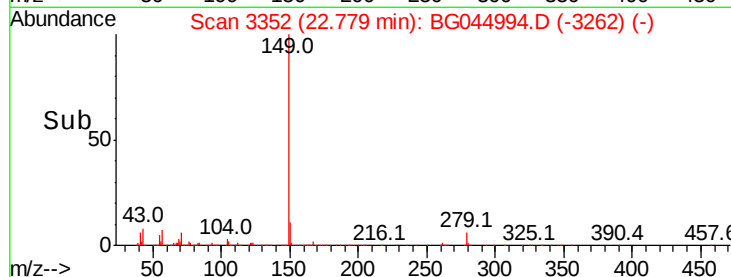
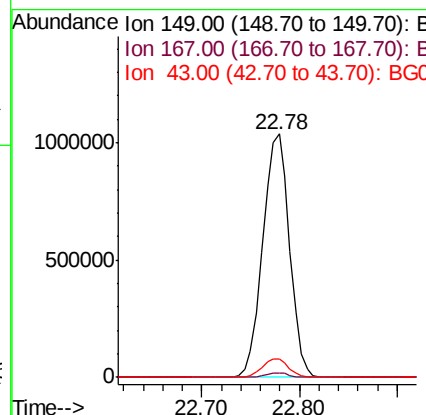
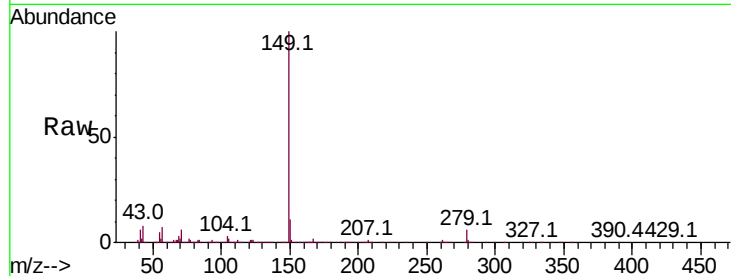




#85  
Di-n-octyl phthalate  
Concen: 51.102 ng  
RT: 22.78 min Scan# 3352  
Delta R.T. 0.00 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

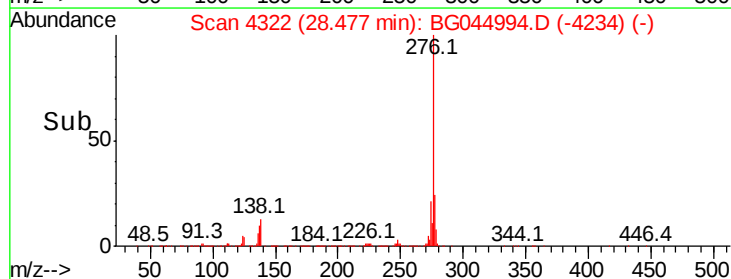
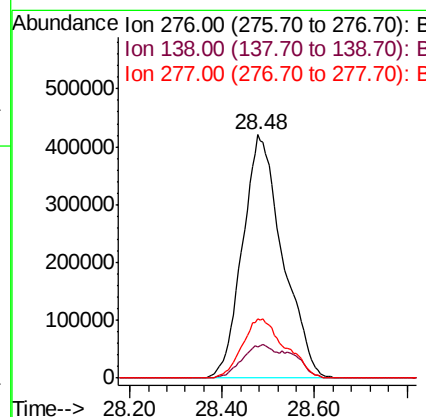
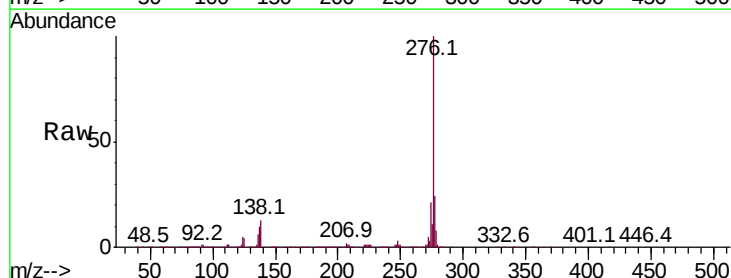
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-041420MSD

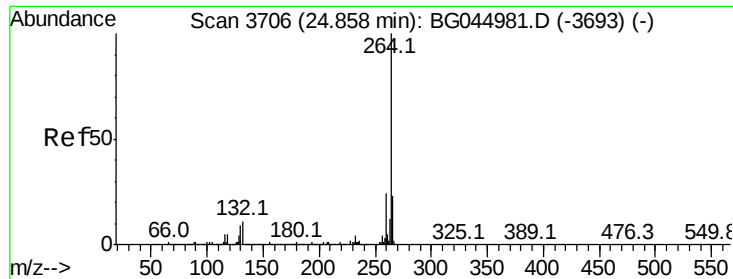
Tot Ion:149 Resp: 1984195  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.2  
43 7.5 5.7 8.5



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 53.764 ng  
RT: 28.48 min Scan# 4322  
Delta R.T. -0.01 min  
Lab File: BG044994.D  
Acq: 15 Apr 2020 22:56

Tgt Ion:276 Resp: 2539578  
Ion Ratio Lower Upper  
276 100  
138 11.5 9.6 14.4  
277 26.0 20.6 31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

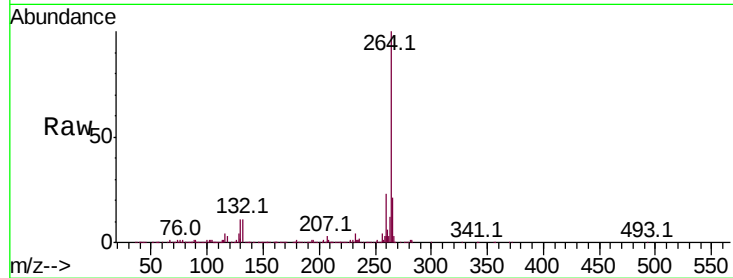
Tot Ion:264 Resp: 642289

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

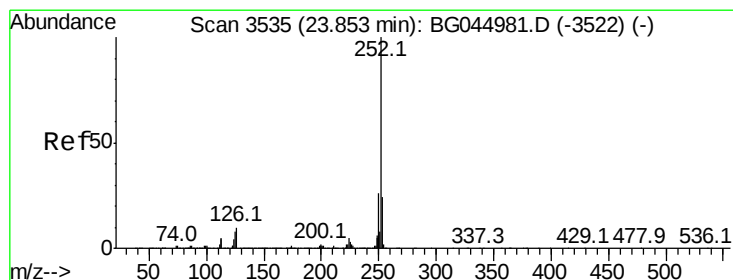
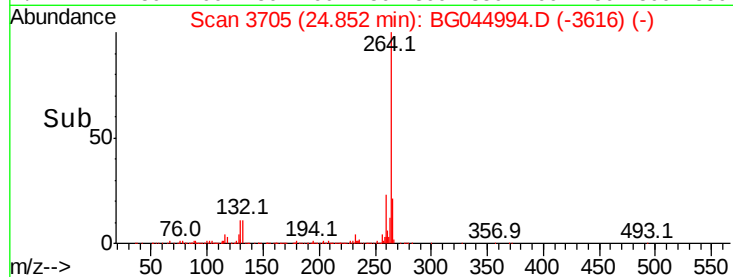
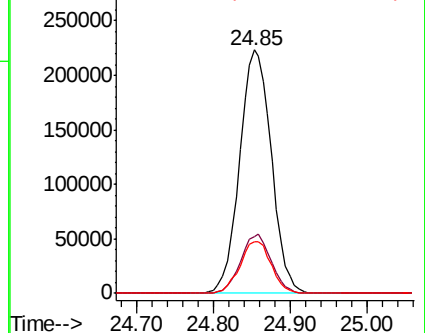
265 21.1 19.0 28.4



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: 52.033 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

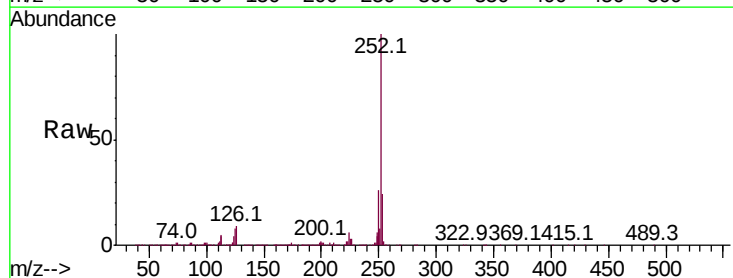
Tgt Ion:252 Resp: 2093412

Ion Ratio Lower Upper

252 100

253 23.6 18.8 28.2

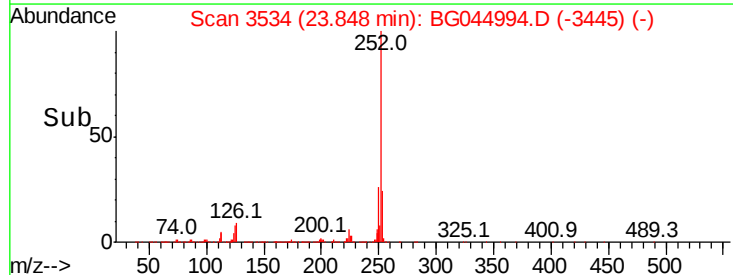
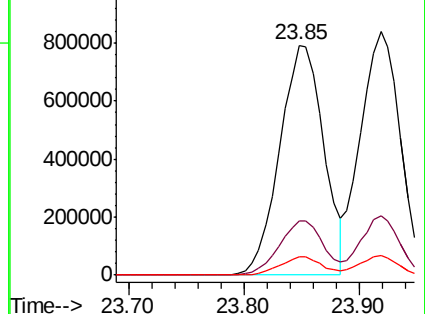
125 7.9 6.2 9.4

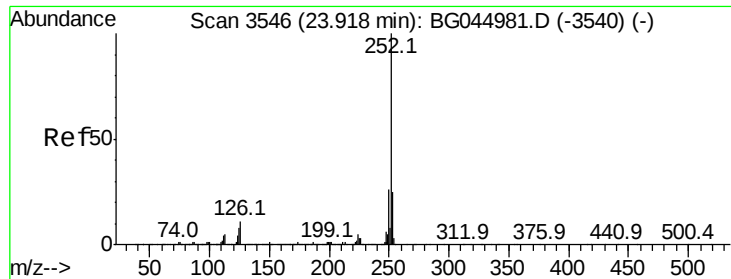


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.520 ng

RT: 23.92 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA\_G

ClientSampleId :

TR-04-041420MSD

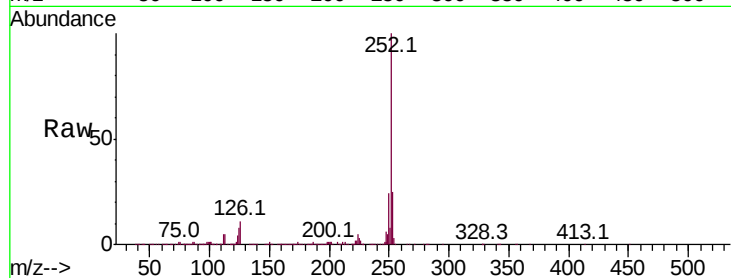
Tot Ion:252 Resp: 2009490

Ion Ratio Lower Upper

252 100

253 24.6 19.2 28.8

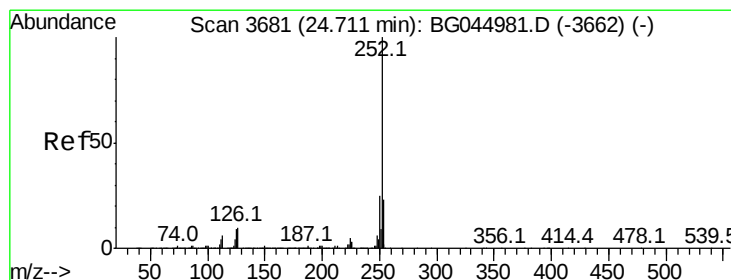
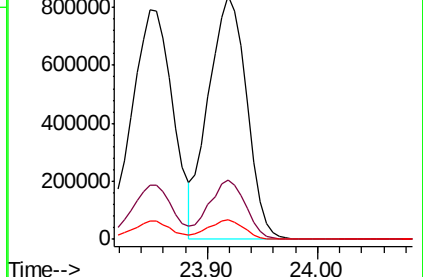
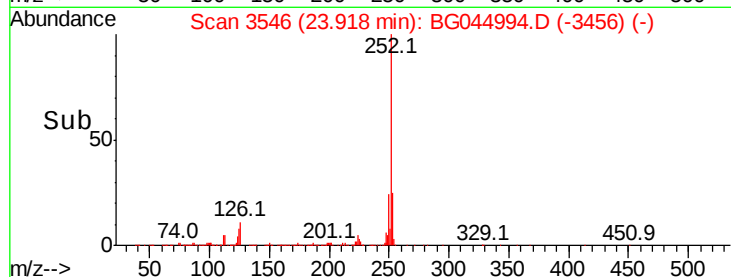
125 7.8 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.704 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

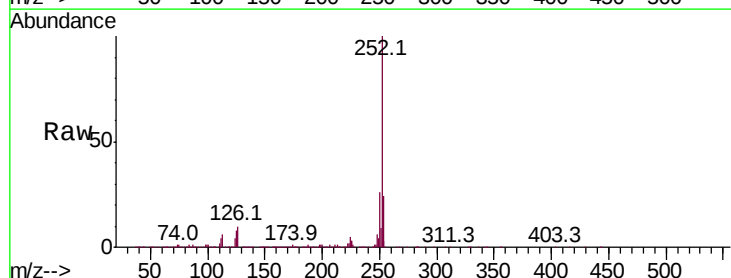
Tgt Ion:252 Resp: 1926042

Ion Ratio Lower Upper

252 100

253 23.7 18.3 27.5

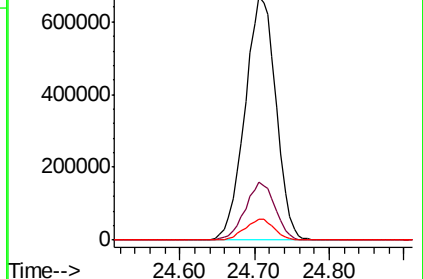
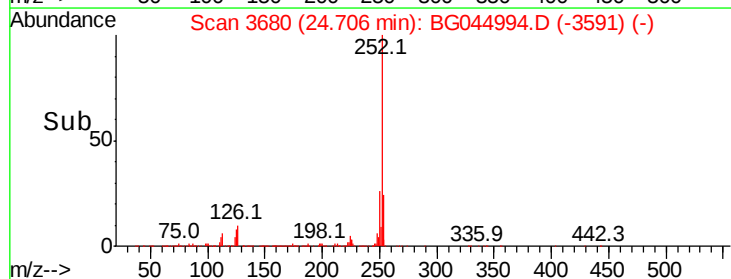
125 8.4 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 53.538 ng

RT: 28.56 min Scan# 4336

Delta R.T. 0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

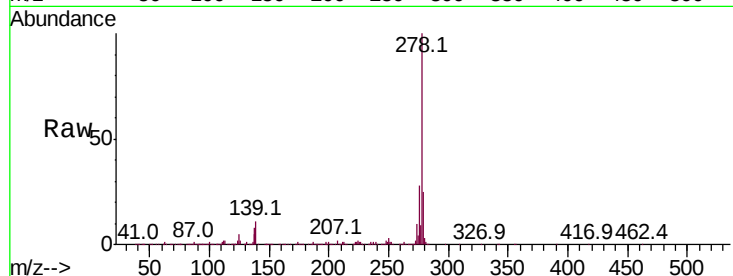
BNA\_G

ClientSampleId :

TR-04-041420MSD

Tot Ion:278 Resp: 2049239

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 11.1  | 9.0   | 13.6  |
| 279 | 24.9  | 18.4  | 27.6  |

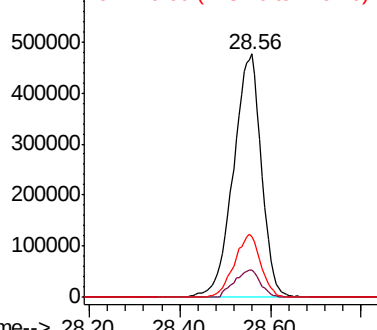


Abundance

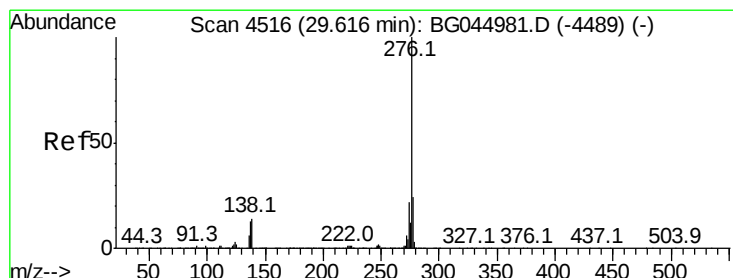
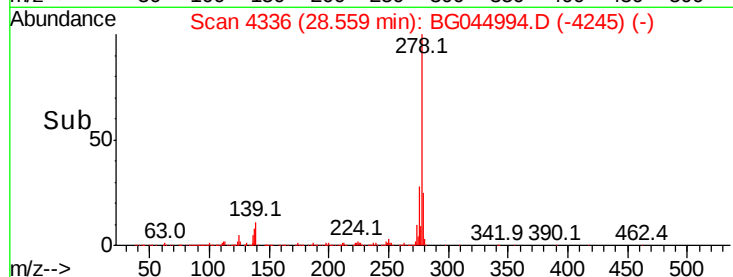
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 53.937 ng

RT: 29.61 min Scan# 4515

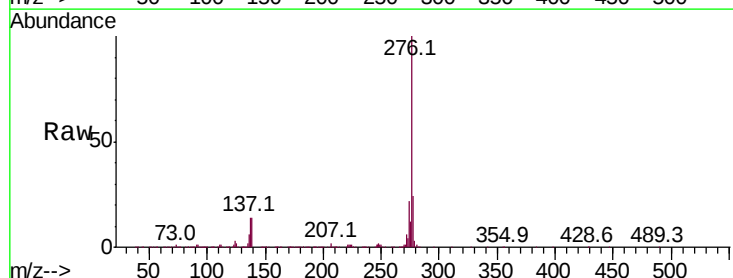
Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:276 Resp: 2069788

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 19.3  | 28.9  |
| 138 | 14.3  | 11.4  | 17.2  |

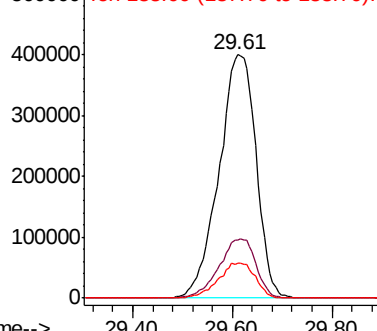


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

