

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG030619\  
 Data File : BG039793.D  
 Acq On : 6 Mar 2019 18:46  
 Operator : JU/SJ  
 Sample : K1707-02MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S10MSD

Quant Time: Mar 07 00:10:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG030419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 14:38:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 45681    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.98 | 136  | 209428   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.78 | 164  | 150430   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.52 | 188  | 357705   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.82 | 240  | 350632   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 25.19 | 264  | 361269   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.70  | 112 | 328571  | 122.71 | ng | -0.01 |
| 7) Phenol-d6             | 7.30  | 99  | 437732  | 109.64 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.33  | 82  | 320781  | 82.84  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.27 | 330 | 215360  | 122.83 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.41 | 172 | 796599  | 75.40  | ng | -0.01 |
| 79) Terphenyl-d14        | 20.12 | 244 | 1267373 | 79.59  | ng | 0.00  |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.59  | 88  | 38772  | 31.364 | ng | # 32   |
| 3) Pyridine                    | 3.99  | 79  | 102011 | 30.824 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.91  | 42  | 55100  | 35.095 | ng | 86     |
| 6) Aniline                     | 7.48  | 93  | 65520  | 12.526 | ng | 93     |
| 8) 2-Chlorophenol              | 7.72  | 128 | 128001 | 39.403 | ng | 96     |
| 9) Benzaldehyde                | 7.30  | 77  | 79701  | 30.947 | ng | 98     |
| 10) Phenol                     | 7.33  | 94  | 150968 | 34.904 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.57  | 93  | 127276 | 37.742 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 8.04  | 146 | 130377 | 35.487 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.19  | 146 | 133379 | 35.641 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.51  | 146 | 131811 | 36.455 | ng | 96     |
| 15) Benzyl Alcohol             | 8.39  | 79  | 128415 | 40.547 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.67  | 45  | 249789 | 37.036 | ng | 99     |
| 17) 2-Methylphenol             | 8.59  | 107 | 113282 | 41.075 | ng | 98     |
| 18) Hexachloroethane           | 9.24  | 117 | 47632  | 35.473 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.96  | 70  | 108577 | 37.783 | ng | 92     |
| 20) 3+4-Methylphenols          | 8.92  | 107 | 155303 | 40.535 | ng | 95     |
| 22) Acetophenone               | 8.98  | 105 | 201589 | 35.864 | ng | # 95   |
| 24) Nitrobenzene               | 9.38  | 77  | 157828 | 38.852 | ng | 99     |
| 25) Isophorone                 | 9.89  | 82  | 313289 | 38.613 | ng | 99     |
| 26) 2-Nitrophenol              | 10.09 | 139 | 78738  | 40.145 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 10.13 | 122 | 138756 | 45.487 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.37 | 93  | 188035 | 38.136 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.62 | 162 | 149493 | 43.527 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.83 | 180 | 146698 | 37.959 | ng | 97     |
| 31) Naphthalene                | 11.03 | 128 | 420663 | 37.937 | ng | 99     |
| 32) Benzoic acid               | 10.13 | 122 | 138756 | 63.741 | ng | # 16   |
| 33) 4-Chloroaniline            | 11.14 | 127 | 16271  | 3.461  | ng | 95     |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 93639  | 35.457 | ng | 98     |
| 35) Caprolactam                | 11.91 | 113 | 23631  | 18.012 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.24 | 107 | 165806 | 42.115 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.62 | 142 | 326163 | 39.344 | ng | 96     |
| 38) 1-Methylnaphthalene        | 12.84 | 142 | 312335 | 38.769 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216 | 180747 | 35.467 | ng | 99     |

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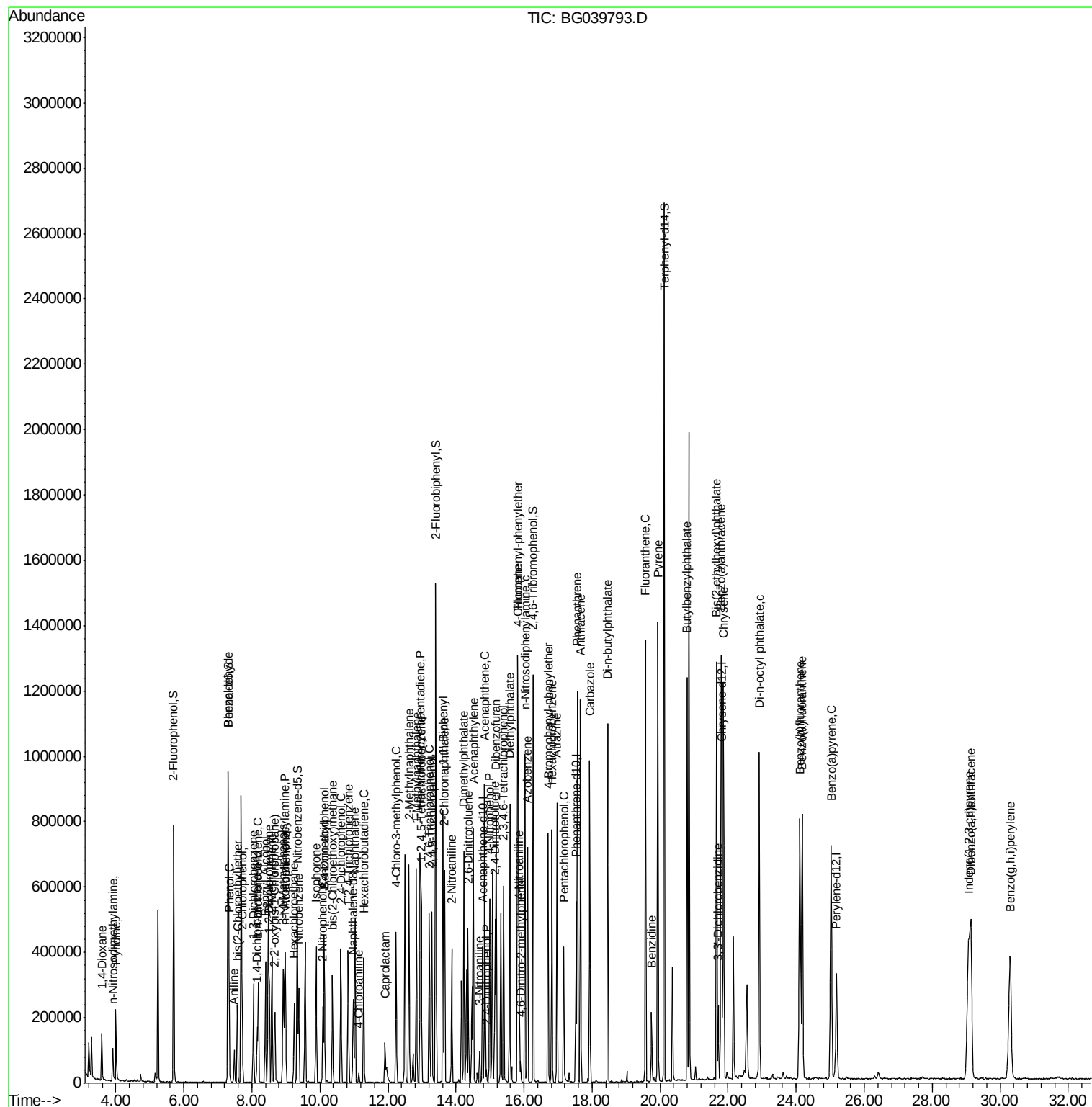
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.95 | 237  | 206289   | 75.534 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.22 | 196  | 127246   | 42.649 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.29 | 196  | 140411   | 41.751 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.62 | 154  | 444868   | 35.956 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.66 | 162  | 346449   | 37.221 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.88 | 65   | 122542   | 40.967 | ng    | 91       |
| 49) Acenaphthylene             | 14.51 | 152  | 560119   | 36.657 | ng    | 99       |
| 50) Dimethylphthalate          | 14.23 | 163  | 472360   | 37.552 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.36 | 165  | 103856   | 38.946 | ng    | 96       |
| 52) Acenaphthene               | 14.84 | 154  | 340520   | 37.027 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.69 | 138  | 24071    | 8.980  | ng    | # 91     |
| 54) 2,4-Dinitrophenol          | 14.90 | 184  | 10049    | 10.839 | ng    | 96       |
| 55) Dibenzofuran               | 15.18 | 168  | 565767   | 37.496 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.99 | 139  | 147679   | 61.586 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 15.14 | 165  | 150683   | 40.215 | ng    | # 88     |
| 58) Fluorene                   | 15.83 | 166  | 447715   | 37.745 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.40 | 232  | 127882   | 38.936 | ng    | 98       |
| 60) Diethylphthalate           | 15.58 | 149  | 480967   | 38.625 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.81 | 204  | 235875   | 37.265 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.86 | 138  | 108318   | 37.274 | ng    | 94       |
| 63) Azobenzene                 | 16.10 | 77   | 432320   | 38.301 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.90 | 198  | 15623    | 7.387  | ng    | 91       |
| 66) n-Nitrosodiphenylamine     | 16.03 | 169  | 416966   | 40.265 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.71 | 248  | 156457   | 39.076 | ng    | 94       |
| 68) Hexachlorobenzene          | 16.82 | 284  | 159584   | 38.451 | ng    | 96       |
| 69) Atrazine                   | 16.97 | 200  | 166716   | 40.906 | ng    | 99       |
| 70) Pentachlorophenol          | 17.17 | 266  | 79965    | 30.508 | ng    | 98       |
| 71) Phenanthrene               | 17.57 | 178  | 751432   | 38.138 | ng    | 99       |
| 72) Anthracene                 | 17.66 | 178  | 763374   | 39.759 | ng    | 98       |
| 73) Carbazole                  | 17.93 | 167  | 664215   | 38.374 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.46 | 149  | 814796   | 40.009 | ng    | 99       |
| 75) Fluoranthene               | 19.57 | 202  | 889809   | 38.213 | ng    | 100      |
| 77) Benzdine                   | 19.75 | 184  | 130188   | 11.701 | ng    | 98       |
| 78) Pyrene                     | 19.93 | 202  | 885944   | 38.884 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.80 | 149  | 371075   | 42.038 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.79 | 228  | 842184   | 38.324 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.71 | 252  | 79812    | 9.948  | ng    | 99       |
| 83) Chrysene                   | 21.86 | 228  | 804668   | 37.770 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.66 | 149  | 515878   | 41.588 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.92 | 149  | 876674   | 42.684 | ng    | 95       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.07 | 276  | 969813   | 40.127 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 24.11 | 252  | 849822   | 39.447 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.18 | 252  | 806811   | 40.233 | ng    | 99       |
| 90) Benzo(a)pyrene             | 25.03 | 252  | 812527   | 40.816 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 29.14 | 278  | 780830   | 40.010 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.29 | 276  | 797126   | 40.669 | ng    | 96       |

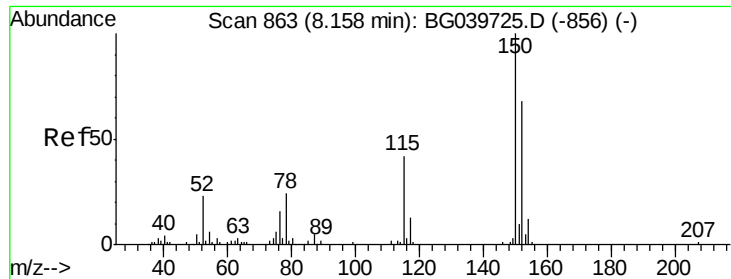
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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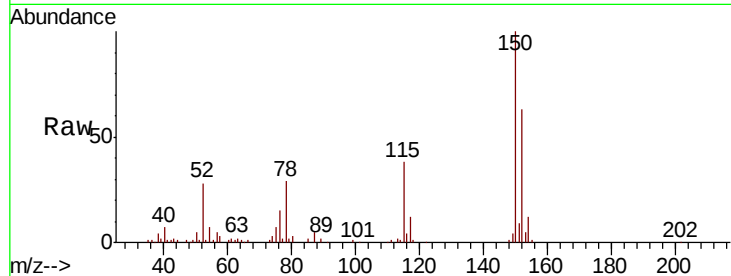


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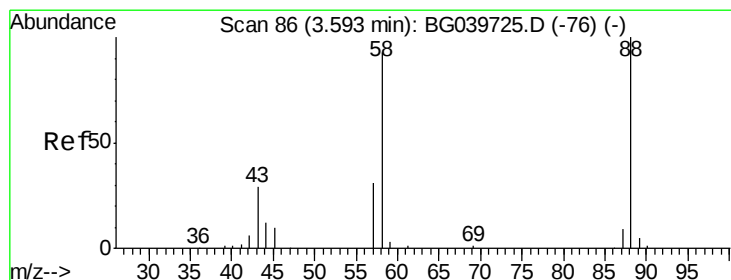
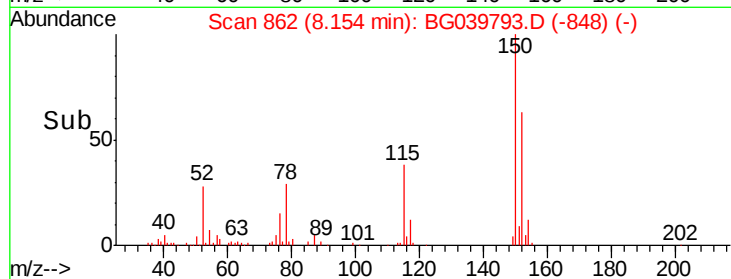
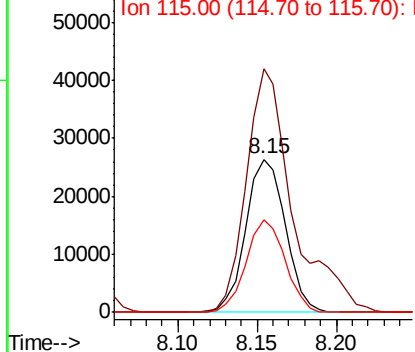
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 862  
Delta R.T. -0.02 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

Tgt Ion:152 Resp: 45681  
Ion Ratio Lower Upper  
152 100  
150 158.8 123.7 185.5  
115 60.5 45.9 68.9



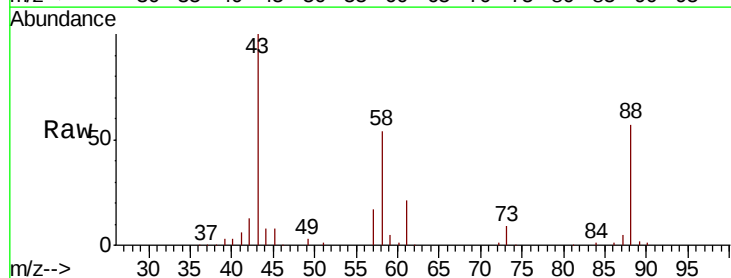
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



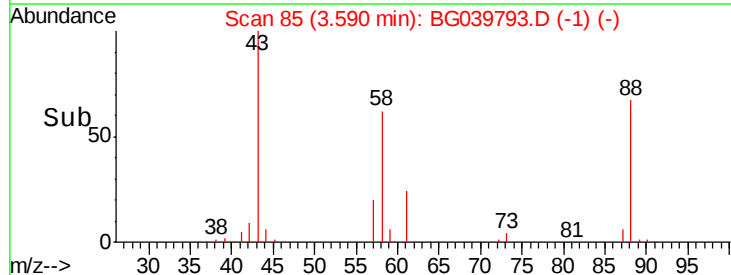
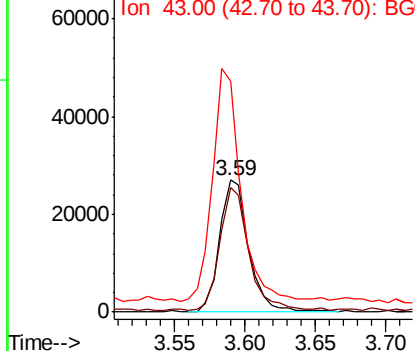
#2

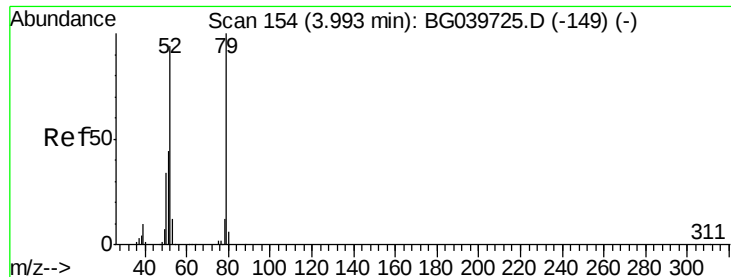
1,4-Dioxane  
Concen: 31.364 ng  
RT: 3.59 min Scan# 85  
Delta R.T. -0.02 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion: 88 Resp: 38772  
Ion Ratio Lower Upper  
88 100  
58 90.3 81.1 121.7  
43 170.4 31.4 47.0#



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





#3

Pyridine

Concen: 30.824 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

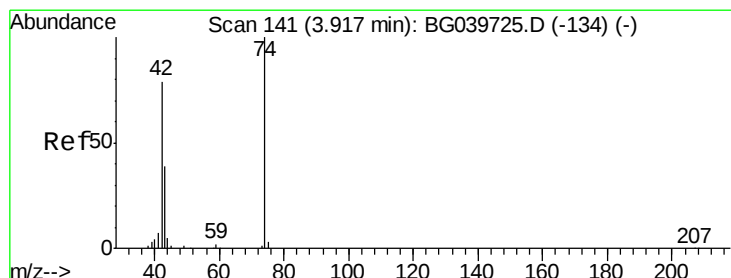
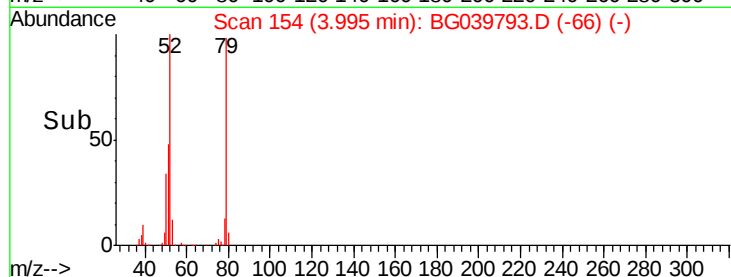
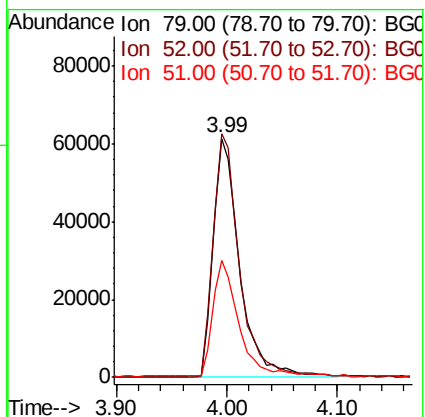
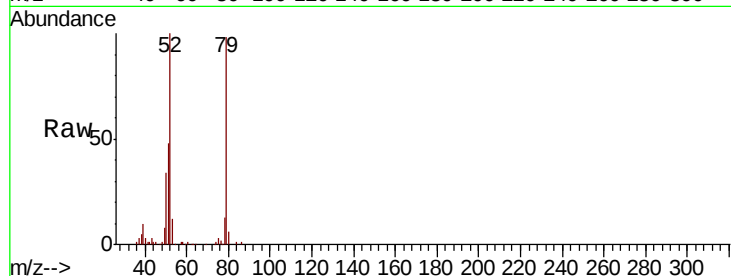
Tgt Ion: 79 Resp: 102011

Ion Ratio Lower Upper

79 100

52 101.9 82.6 124.0

51 49.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 35.095 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

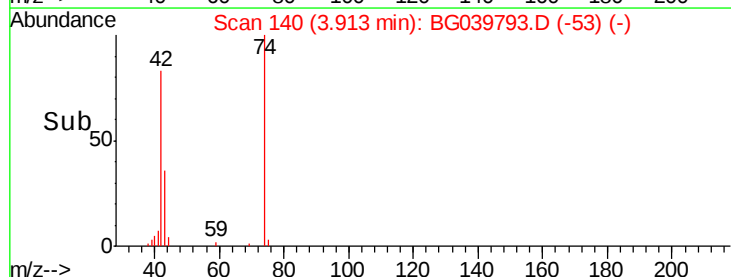
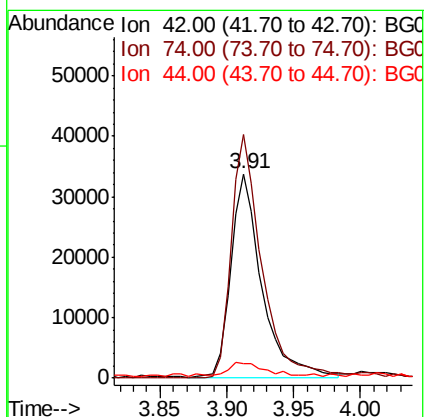
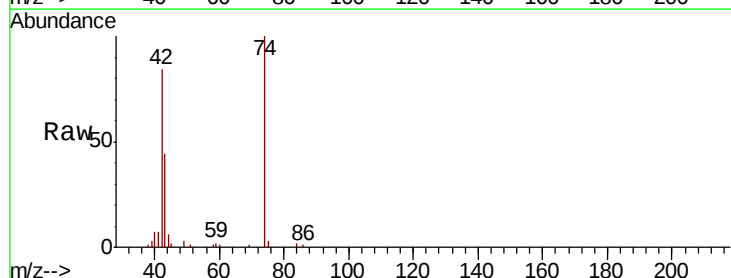
Tgt Ion: 42 Resp: 55100

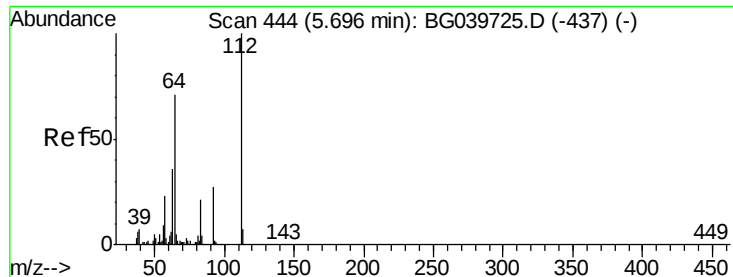
Ion Ratio Lower Upper

42 100

74 119.2 83.6 125.4

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 122.709 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampled :

S10MSD

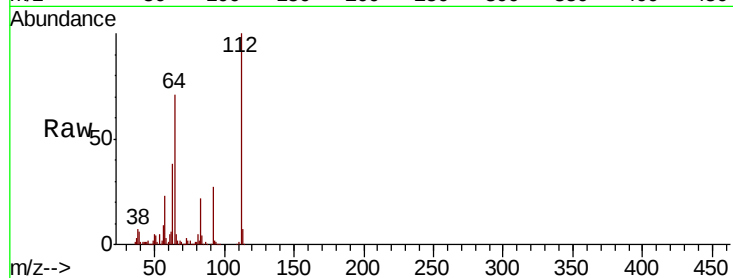
Tgt Ion: 112 Resp: 328571

Ion Ratio Lower Upper

112 100

64 70.9 57.8 86.8

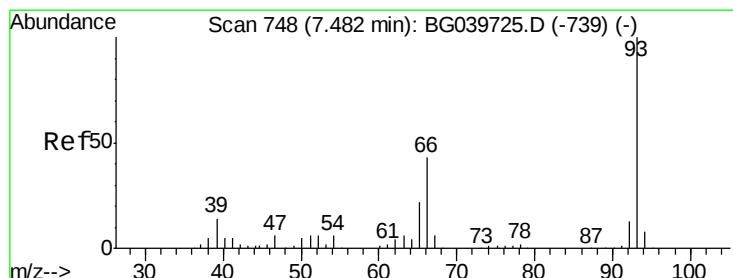
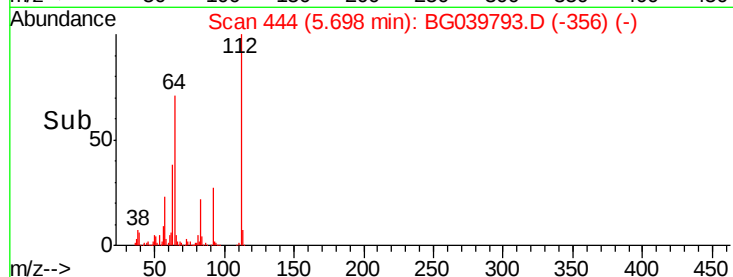
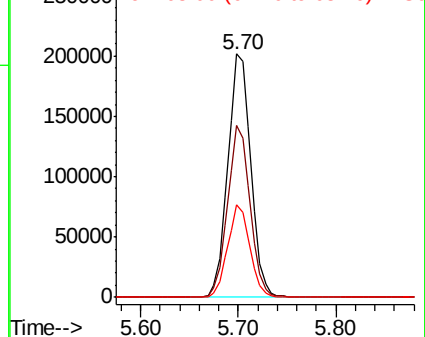
63 38.3 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.526 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

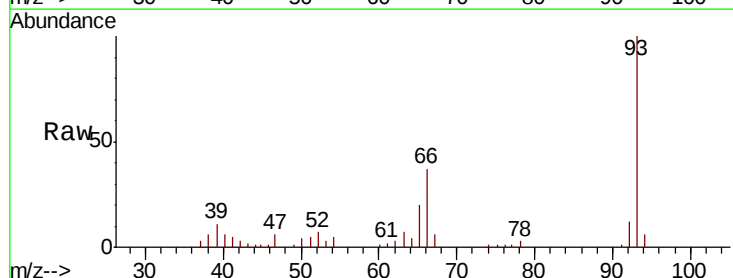
Tgt Ion: 93 Resp: 65520

Ion Ratio Lower Upper

93 100

66 37.5 34.2 51.4

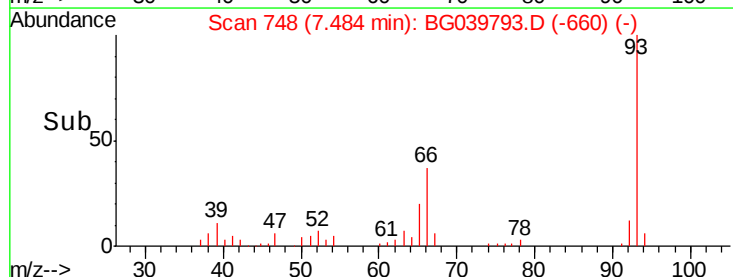
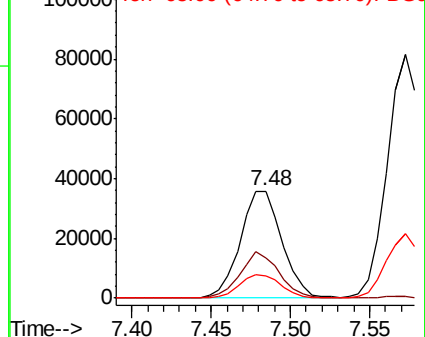
65 20.2 17.7 26.5

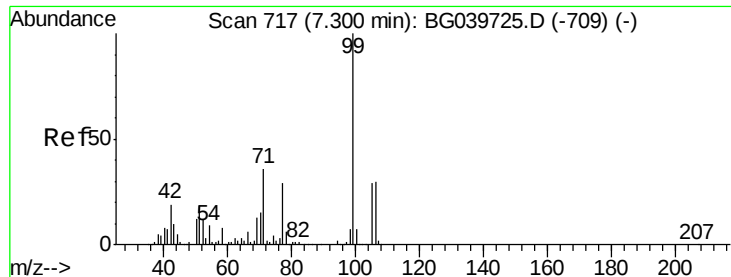


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.638 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

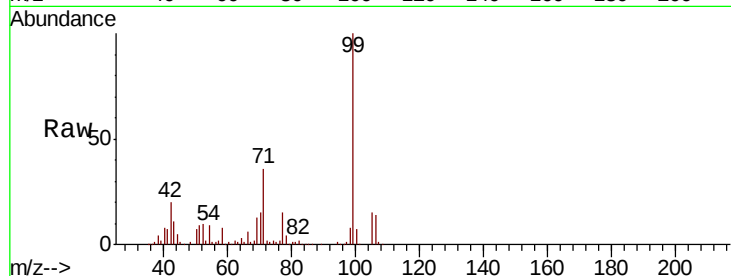
Tgt Ion: 99 Resp: 437732

Ion Ratio Lower Upper

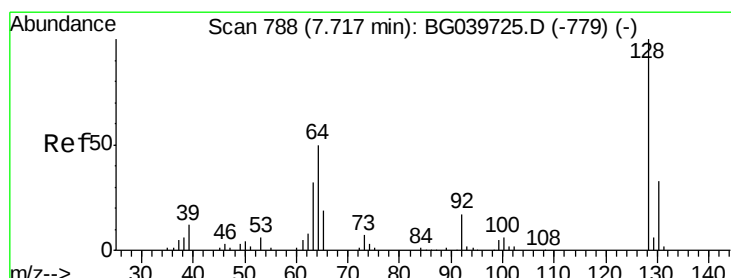
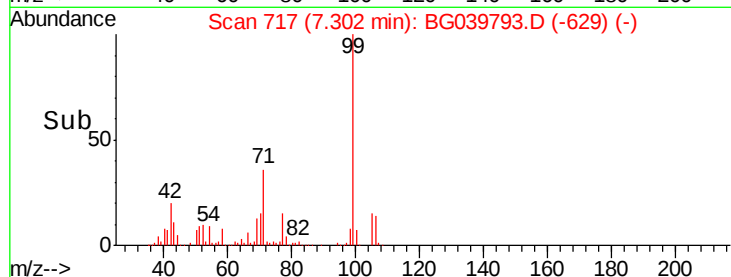
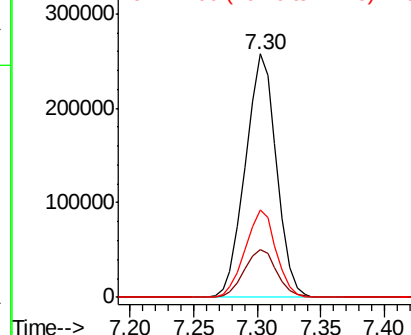
99 100

42 19.7 18.2 27.2

71 35.7 28.0 42.0



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



#8

2-Chlorophenol

Concen: 39.403 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

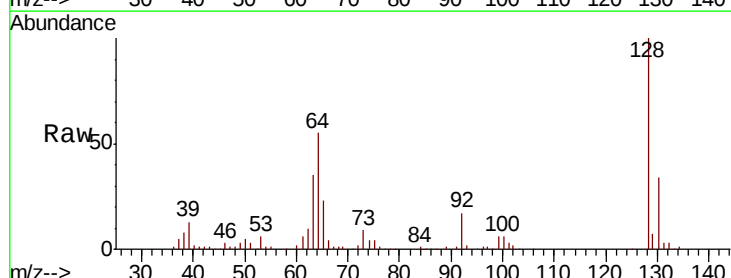
Tgt Ion: 128 Resp: 128001

Ion Ratio Lower Upper

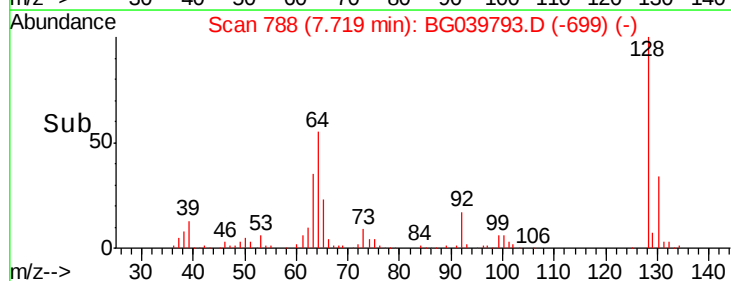
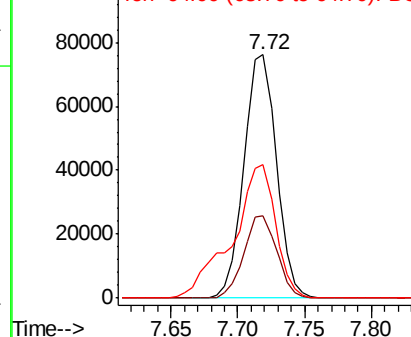
128 100

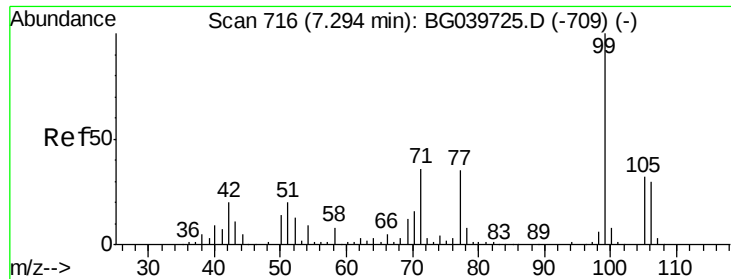
130 33.7 12.9 52.9

64 55.0 38.7 78.7



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





#9

Benzaldehyde

Concen: 30.947 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

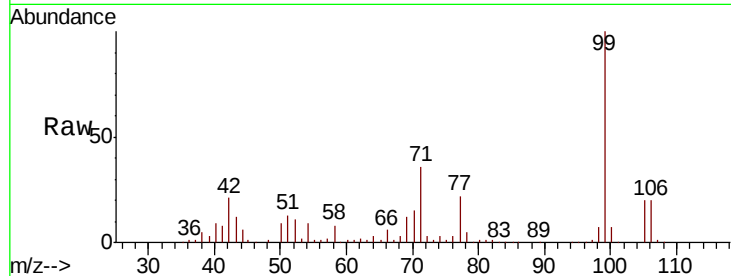
Tgt Ion: 77 Resp: 79701

Ion Ratio Lower Upper

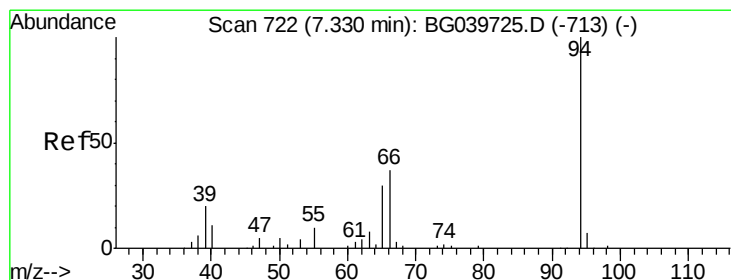
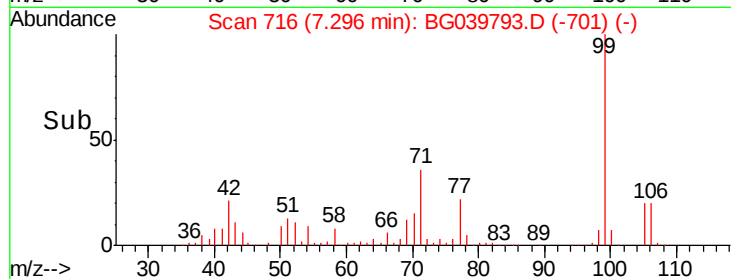
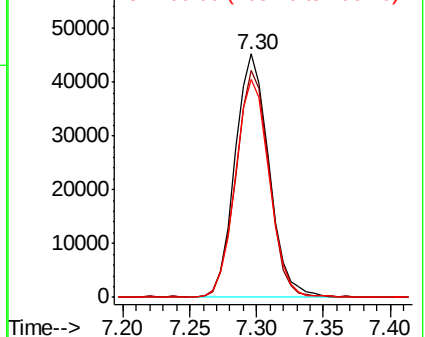
77 100

105 93.1 74.5 114.5

106 89.6 68.0 108.0



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: 34.904 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

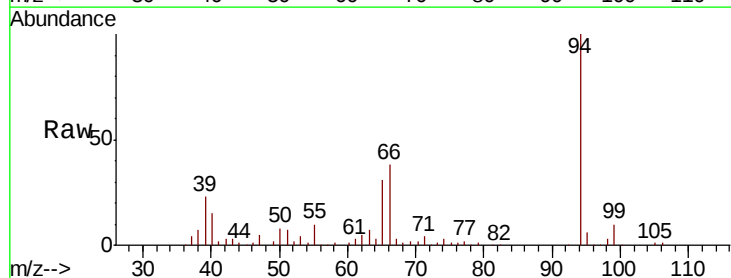
Tgt Ion: 94 Resp: 150968

Ion Ratio Lower Upper

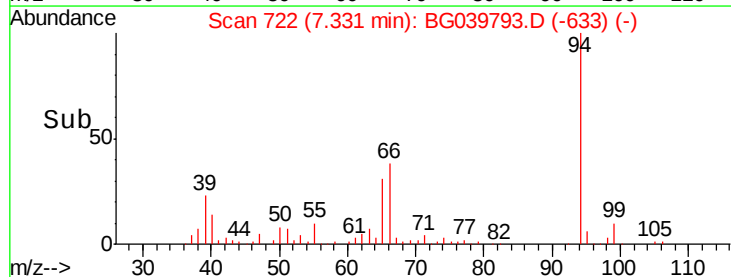
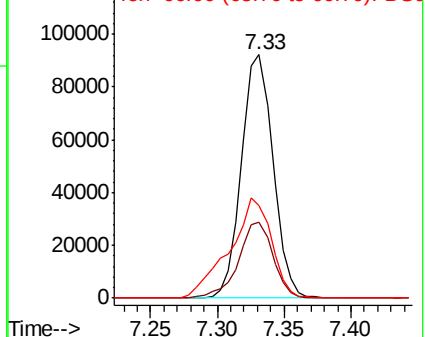
94 100

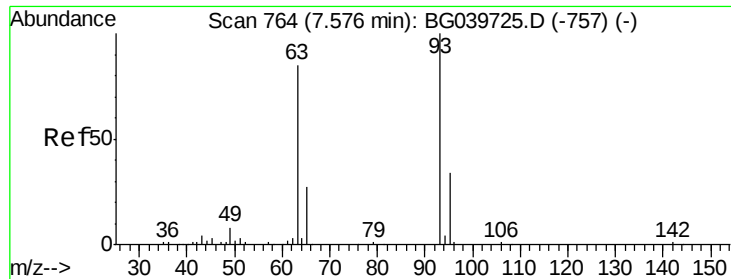
65 31.1 11.7 51.7

66 38.2 23.7 63.7



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

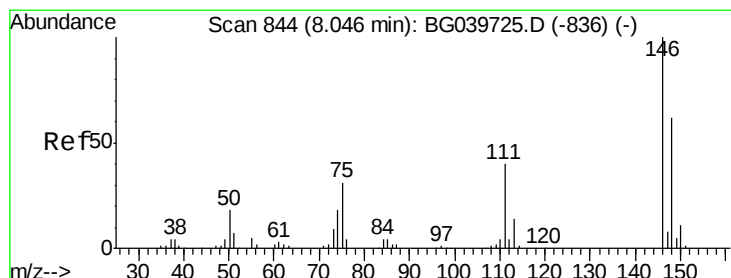
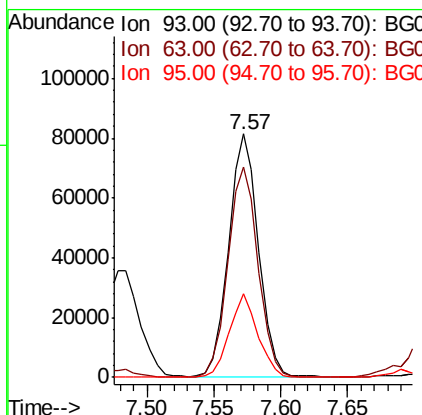
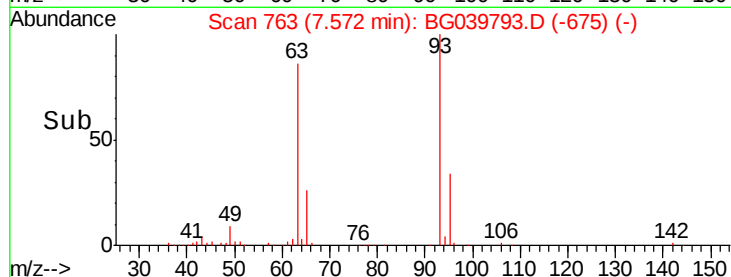
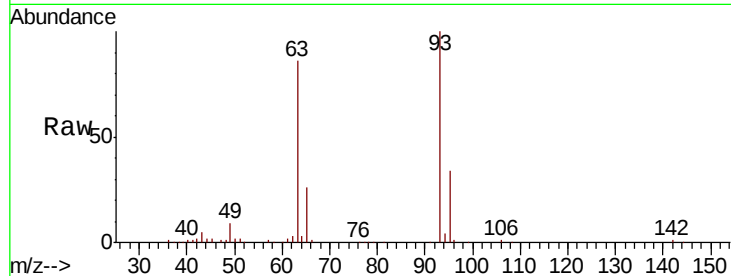




#11  
bis(2-Chloroethyl)ether  
Concen: 37.742 ng  
RT: 7.57 min Scan# 763  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

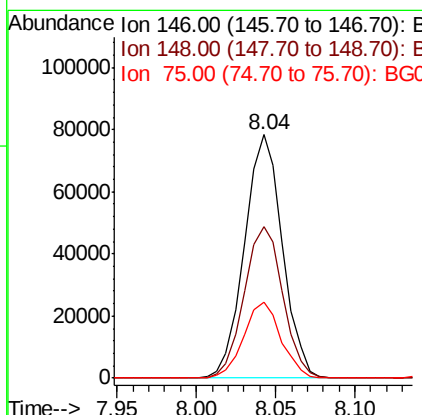
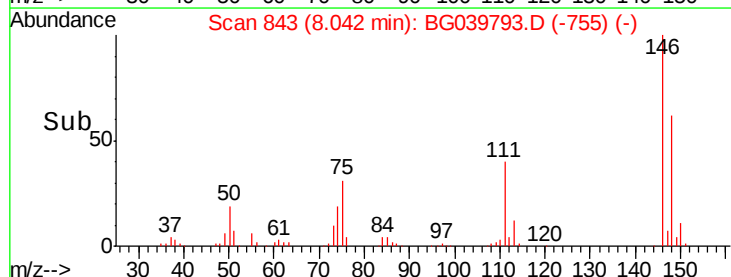
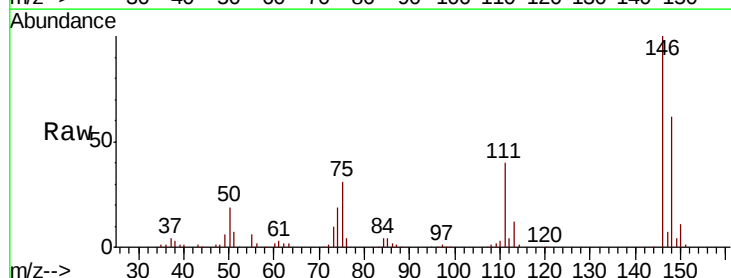
Instrument :  
BNA\_G  
ClientSampled :  
S10MSD

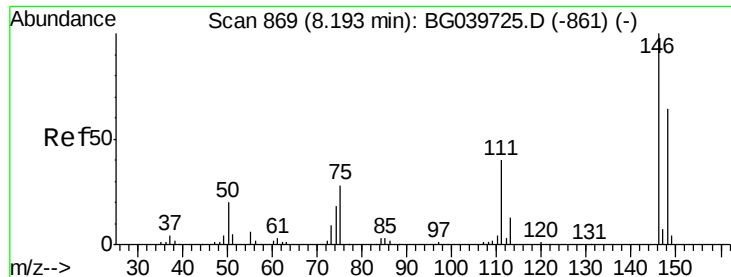
Tgt Ion: 93 Resp: 127276  
Ion Ratio Lower Upper  
93 100  
63 86.2 69.5 109.5  
95 34.1 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 35.487 ng  
RT: 8.04 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion: 146 Resp: 130377  
Ion Ratio Lower Upper  
146 100  
148 62.0 52.6 79.0  
75 31.4 25.8 38.6

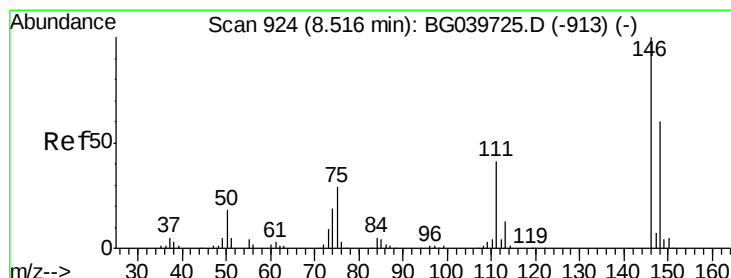
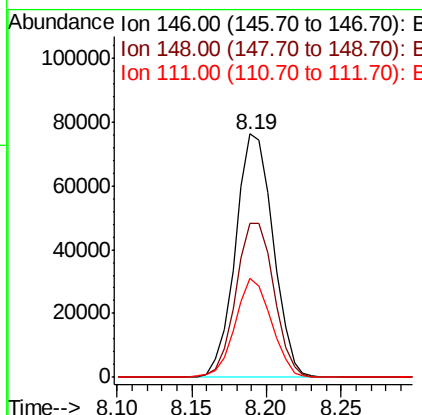
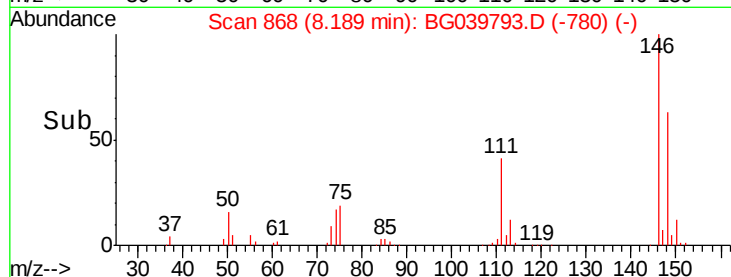
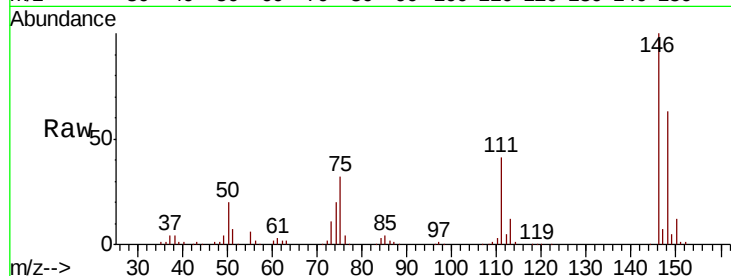




#13  
 1,4-Dichlorobenzene  
 Concen: 35.641 ng  
 RT: 8.19 min Scan# 868  
 Delta R.T. -0.01 min  
 Lab File: BG039793.D  
 Acq: 6 Mar 2019 18:46

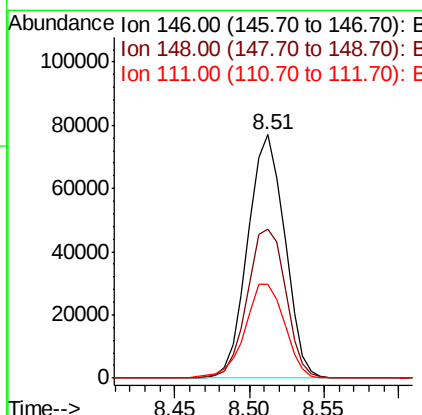
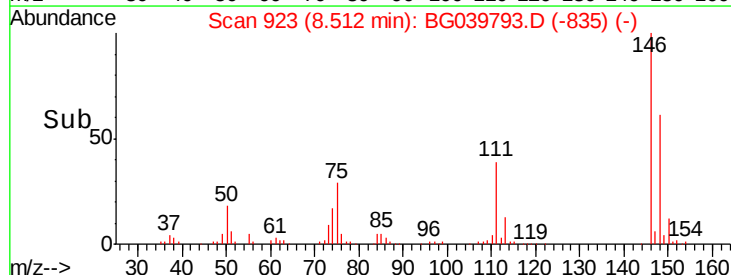
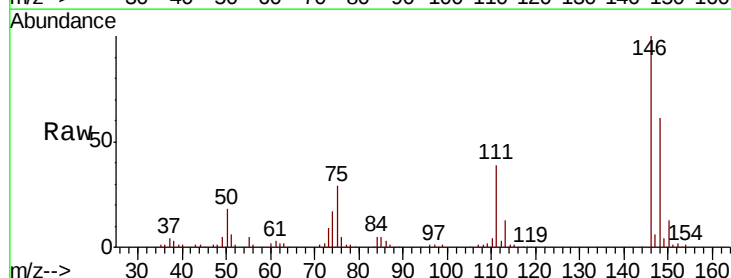
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S10MSD

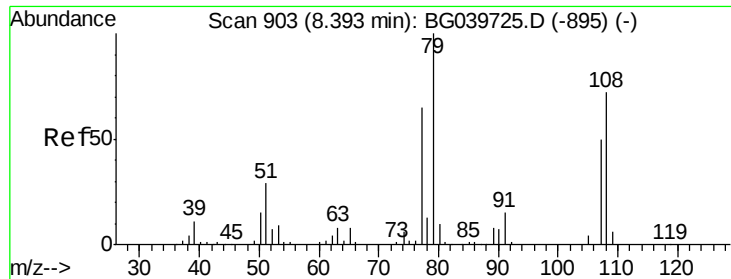
Tgt Ion:146 Resp: 133379  
 Ion Ratio Lower Upper  
 146 100  
 148 63.1 51.1 76.7  
 111 40.7 32.6 48.8



#14  
 1,2-Dichlorobenzene  
 Concen: 36.455 ng  
 RT: 8.51 min Scan# 923  
 Delta R.T. -0.01 min  
 Lab File: BG039793.D  
 Acq: 6 Mar 2019 18:46

Tgt Ion:146 Resp: 131811  
 Ion Ratio Lower Upper  
 146 100  
 148 61.4 51.5 77.3  
 111 38.7 33.8 50.6





#15

Benzyl Alcohol

Concen: 40.547 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

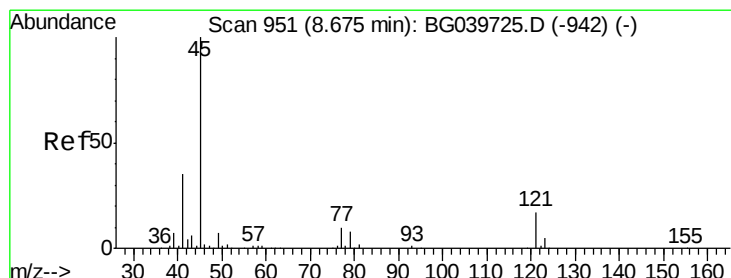
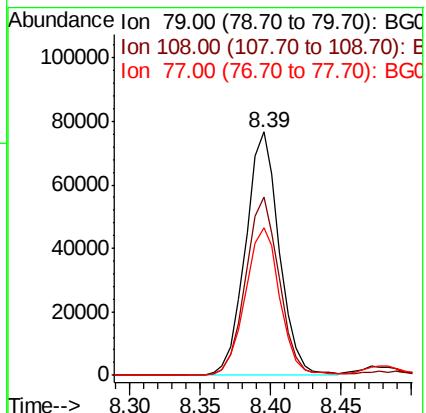
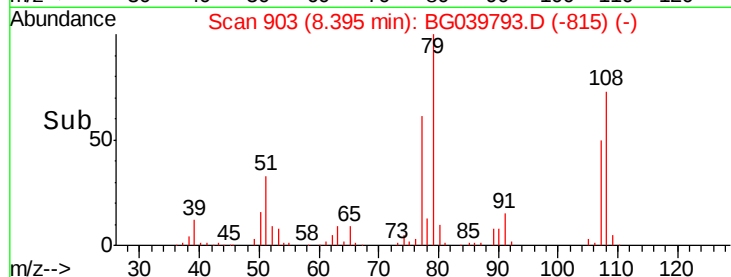
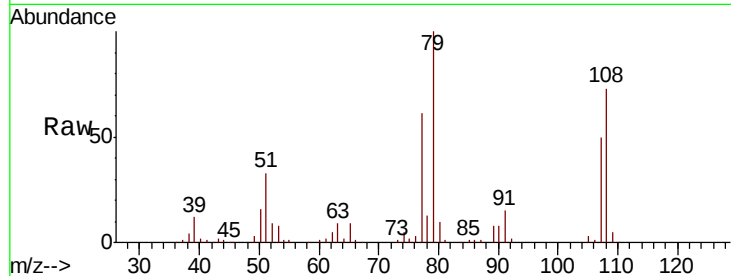
Tgt Ion: 79 Resp: 128415

Ion Ratio Lower Upper

79 100

108 73.3 57.8 86.6

77 60.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.036 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

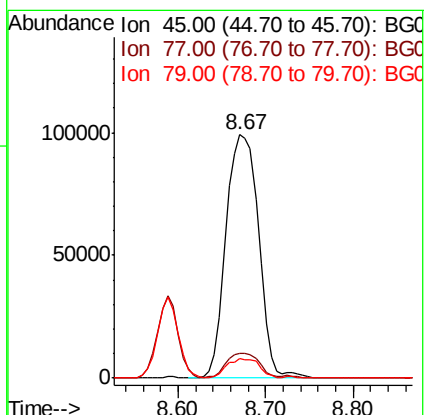
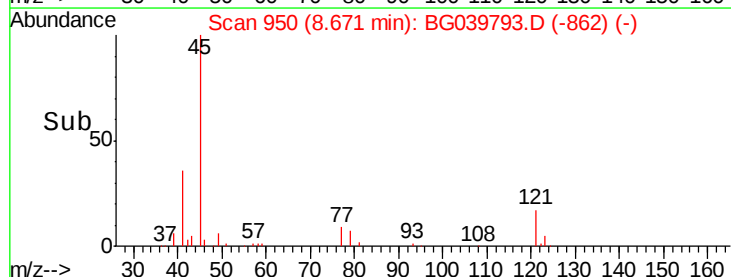
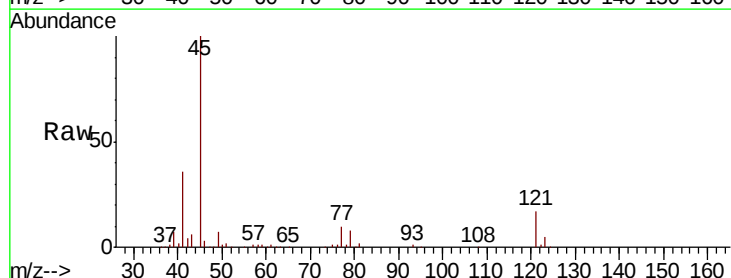
Tgt Ion: 45 Resp: 249789

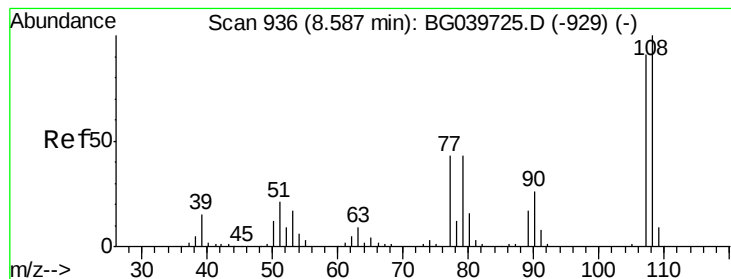
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.0

79 8.0 0.0 27.5

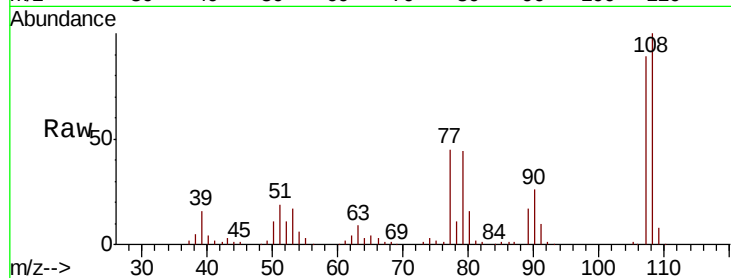




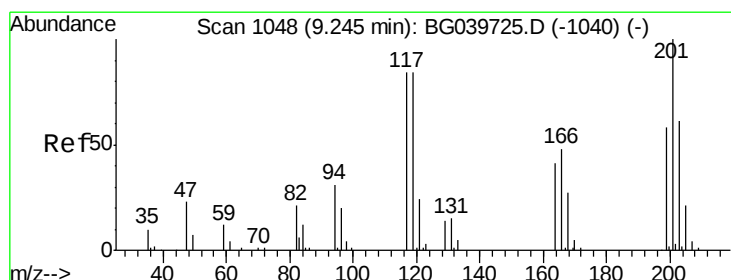
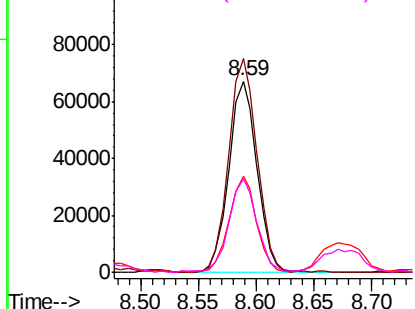
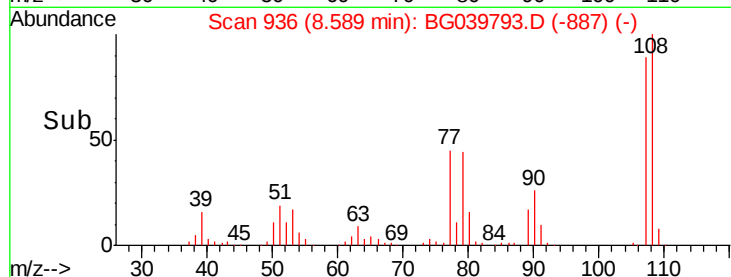
#17  
2-Methylphenol  
Concen: 41.075 ng  
RT: 8.59 min Scan# 936  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

Tgt Ion:107 Resp: 113282  
Ion Ratio Lower Upper  
107 100  
108 112.0 90.8 136.2  
77 50.0 40.7 61.1  
79 49.1 40.6 60.8

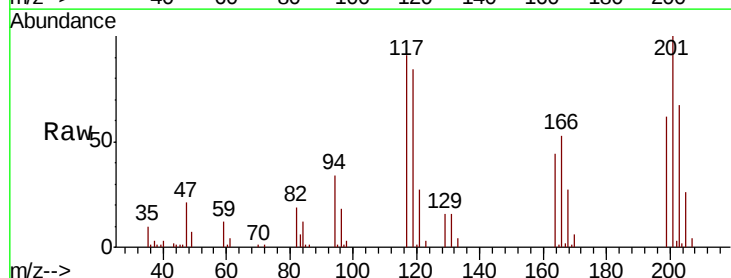


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

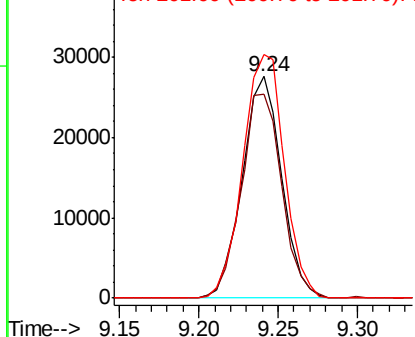
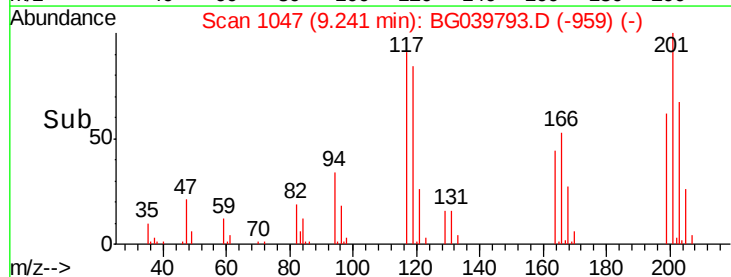


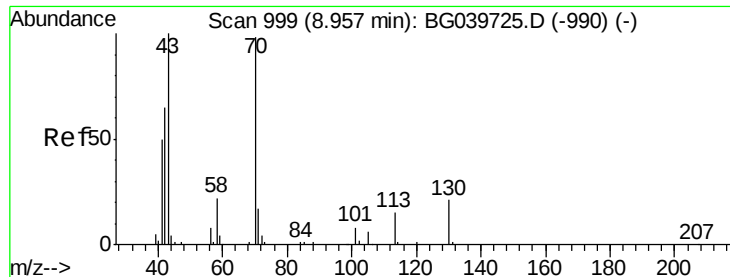
#18  
Hexachloroethane  
Concen: 35.473 ng  
RT: 9.24 min Scan# 1047  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion:117 Resp: 47632  
Ion Ratio Lower Upper  
117 100  
119 92.3 76.3 114.5  
201 109.9 91.1 136.7



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

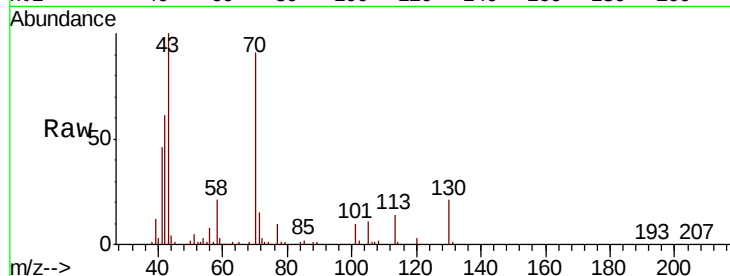




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.783 ng  
RT: 8.96 min Scan# 999  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 108577 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 67.1  | 60.4  | 90.6   |
| 101      | 10.7  | 7.5   | 11.3   |
| 130      | 22.9  | 16.9  | 25.3   |



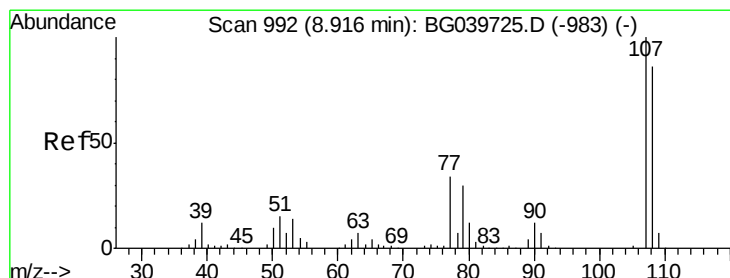
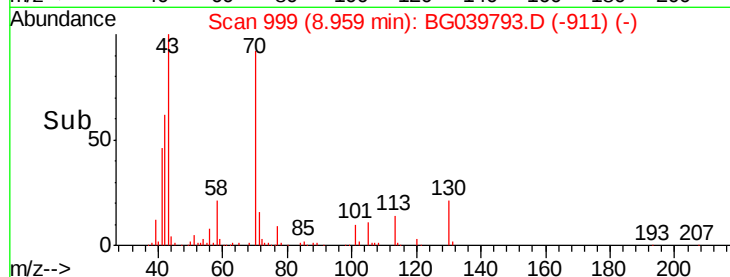
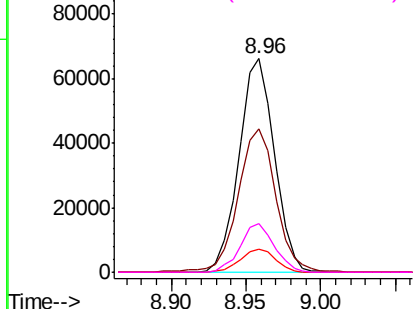
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

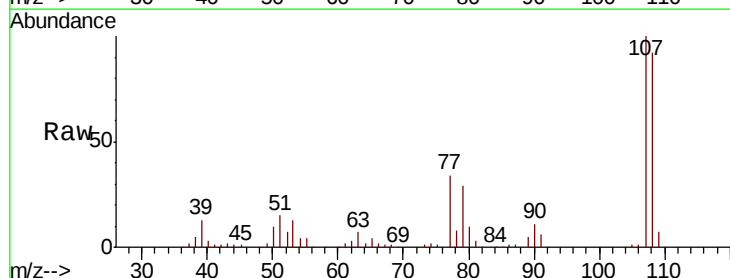
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 40.535 ng  
RT: 8.92 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 155303 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 92.0  | 67.9  | 107.9  |
| 77       | 34.4  | 15.4  | 55.4   |
| 79       | 28.9  | 13.7  | 53.7   |



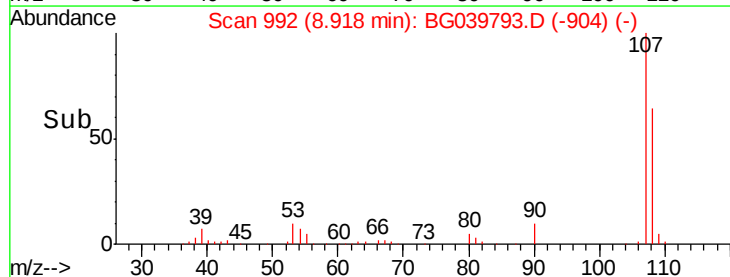
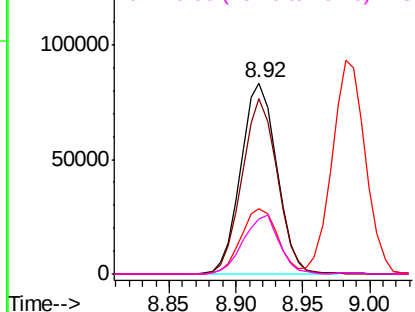
Abundance

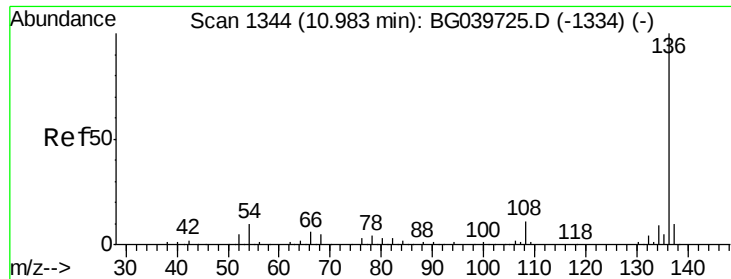
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

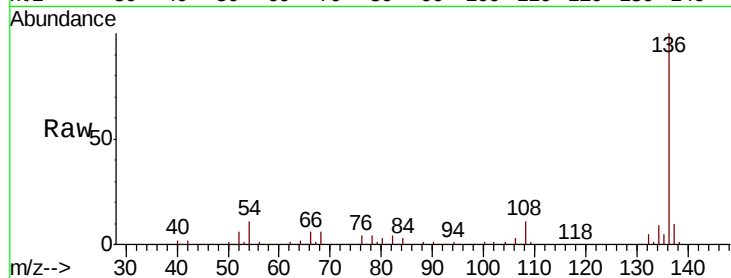




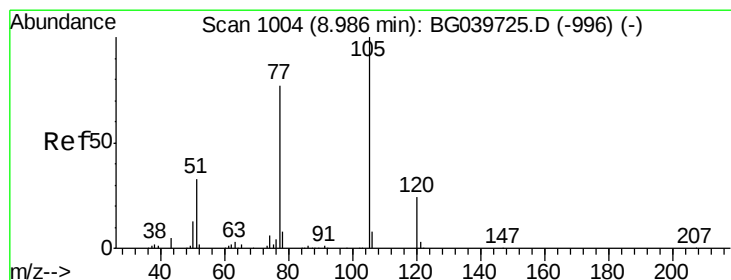
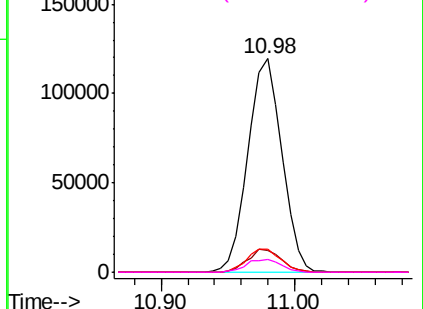
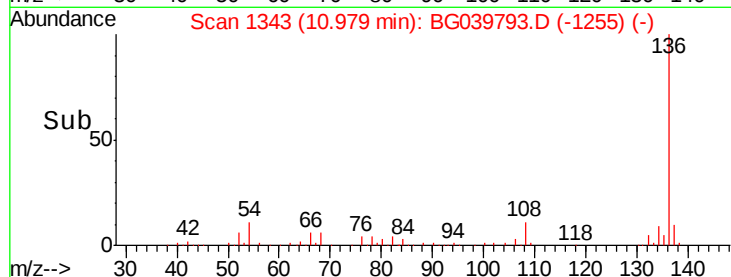
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 209428 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.5  | 9.1   | 13.7   |
| 54       | 10.6  | 9.4   | 14.2   |
| 68       | 6.0   | 4.2   | 6.4    |

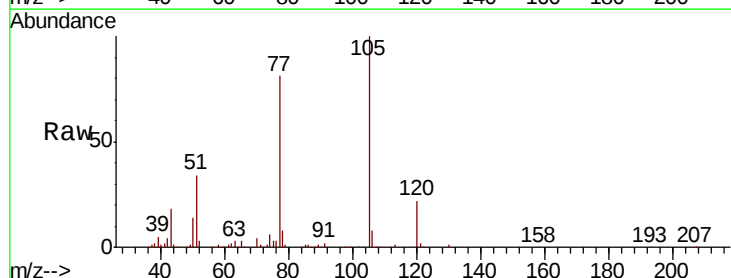


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

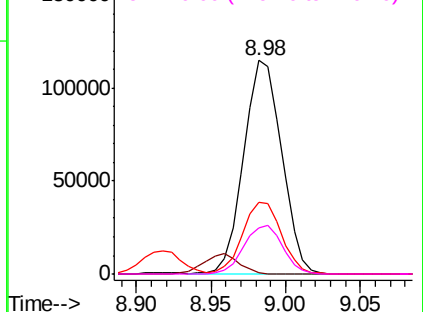
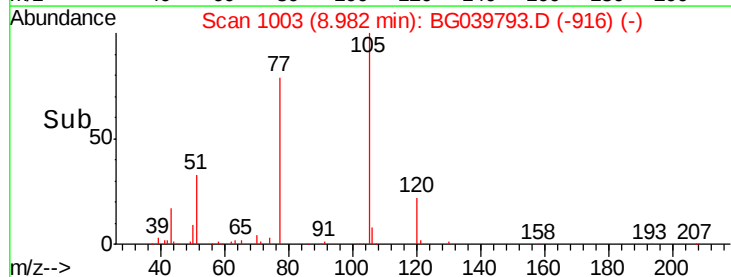


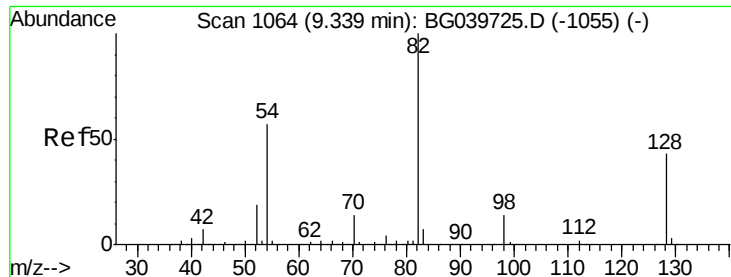
#22  
Acetophenone  
Concen: 35.864 ng  
RT: 8.98 min Scan# 1003  
Delta R.T. -0.02 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 201589 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.7   | 0.8   | 1.2#   |
| 51       | 33.7  | 30.2  | 45.2   |
| 120      | 21.7  | 18.0  | 27.0   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E

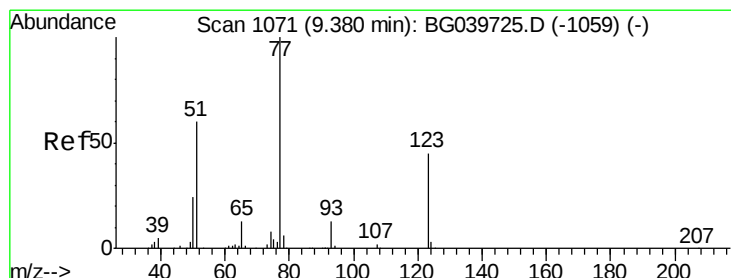
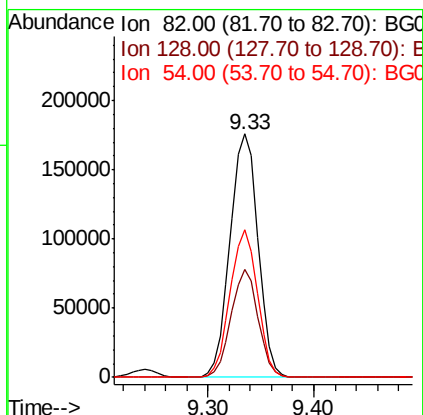
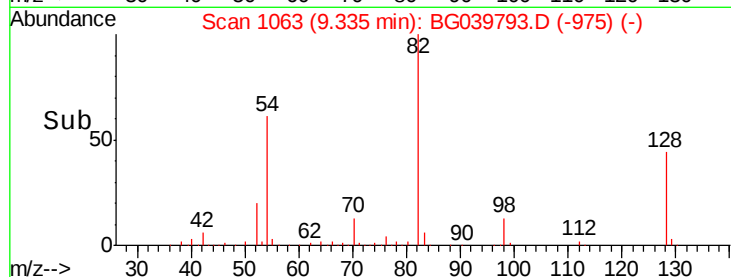
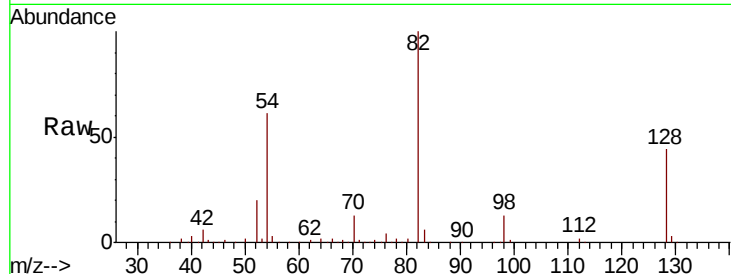




#23  
 Nitrobenzene-d5  
 Concen: 82.841 ng  
 RT: 9.33 min Scan# 1063  
 Delta R.T. -0.01 min  
 Lab File: BG039793.D  
 Acq: 6 Mar 2019 18:46

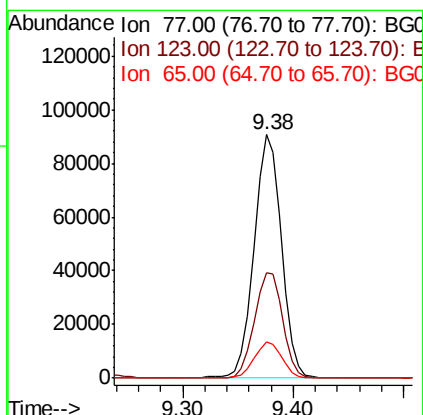
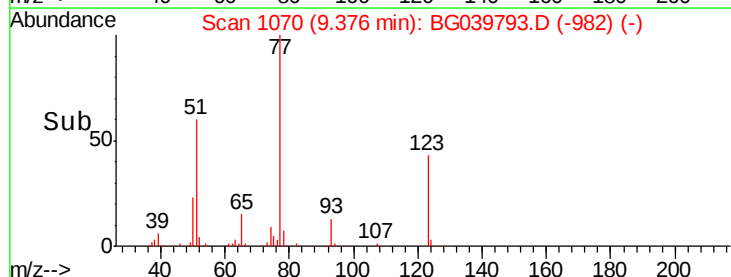
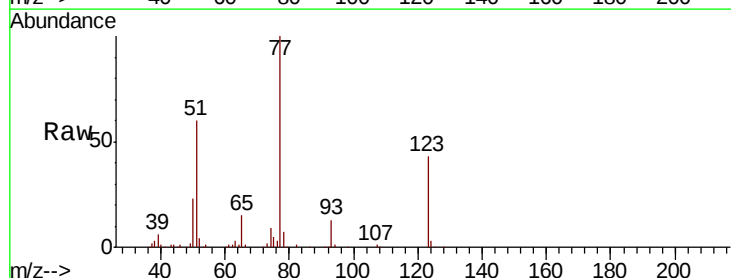
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S10MSD

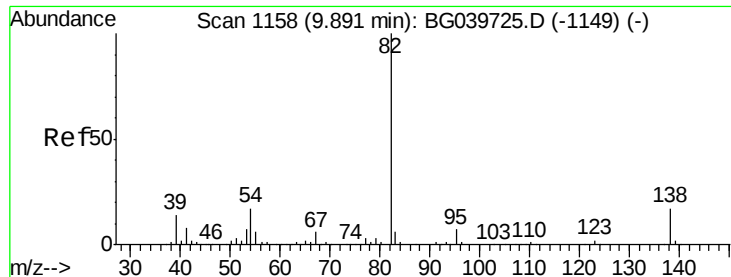
Tgt Ion: 82 Resp: 320781  
 Ion Ratio Lower Upper  
 82 100  
 128 44.2 31.3 46.9  
 54 60.6 50.9 76.3



#24  
 Nitrobenzene  
 Concen: 38.852 ng  
 RT: 9.38 min Scan# 1070  
 Delta R.T. -0.01 min  
 Lab File: BG039793.D  
 Acq: 6 Mar 2019 18:46

Tgt Ion: 77 Resp: 157828  
 Ion Ratio Lower Upper  
 77 100  
 123 43.2 34.1 51.1  
 65 15.1 12.3 18.5

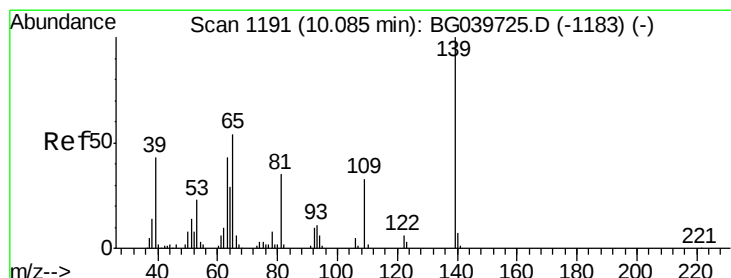
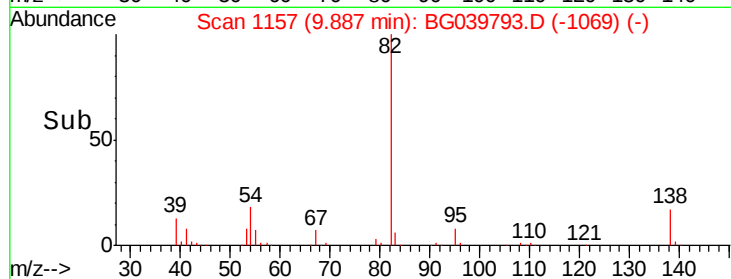
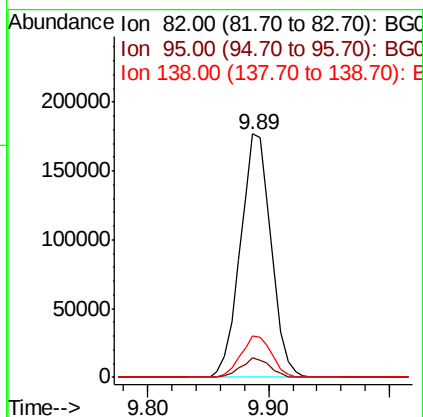
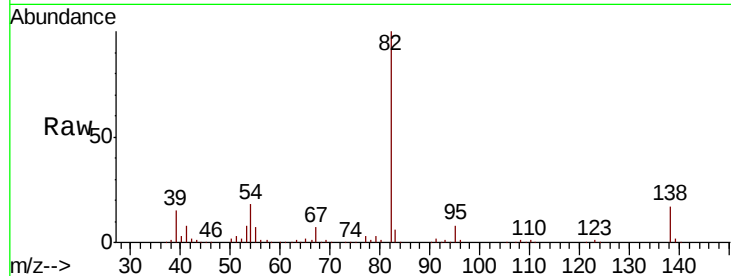




#25  
Isophorone  
Concen: 38.613 ng  
RT: 9.89 min Scan# 1157  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

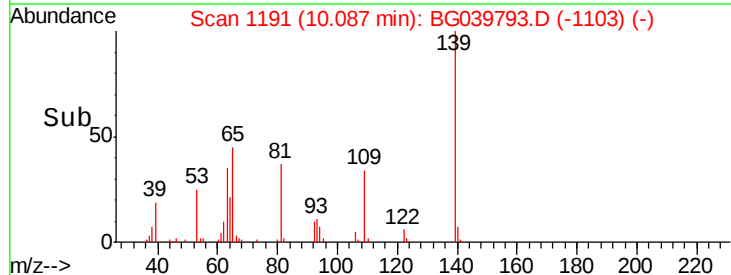
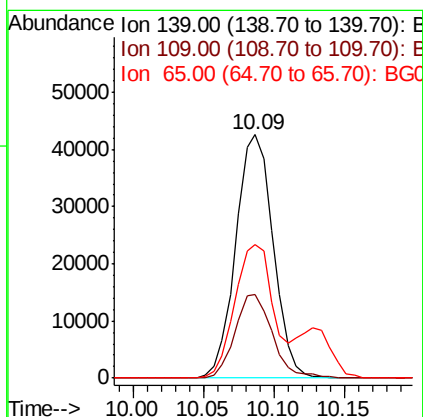
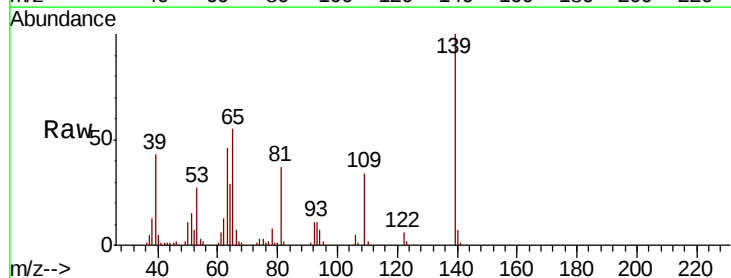
Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

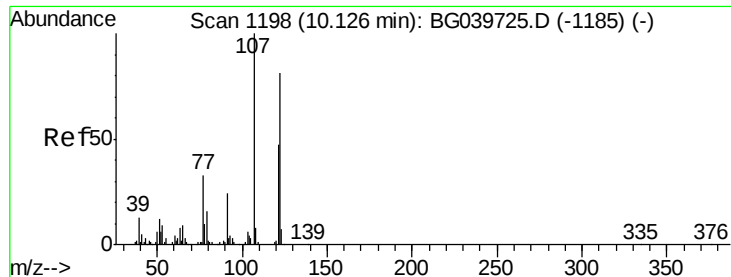
Tgt Ion: 82 Resp: 313289  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.2 9.2  
138 16.8 13.0 19.4



#26  
2-Nitrophenol  
Concen: 40.145 ng  
RT: 10.09 min Scan# 1191  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion: 139 Resp: 78738  
Ion Ratio Lower Upper  
139 100  
109 34.2 23.4 35.0  
65 55.1 44.3 66.5

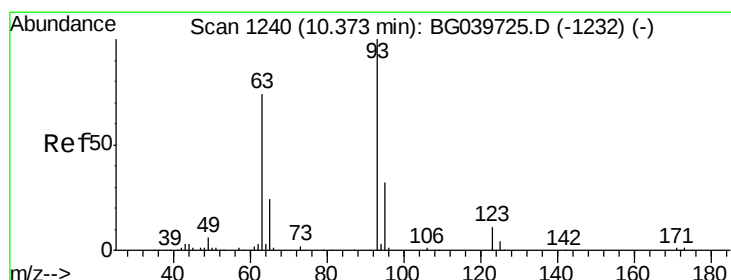
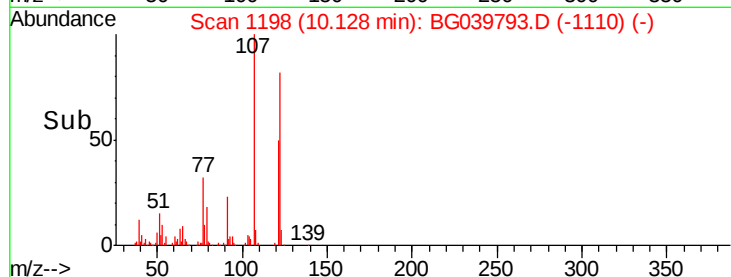
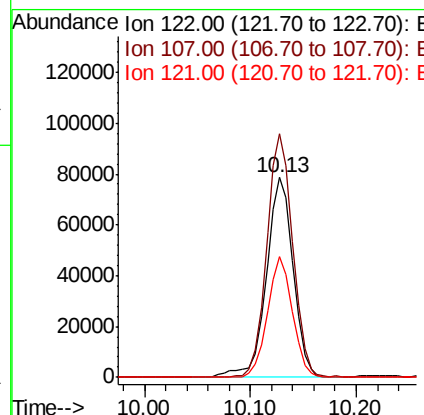
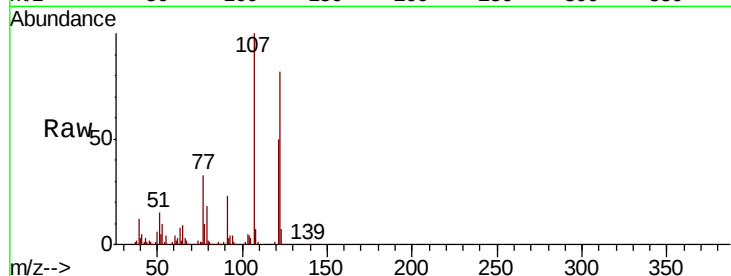




#27  
2,4-Dimethylphenol  
Concen: 45.487 ng  
RT: 10.13 min Scan# 1198  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

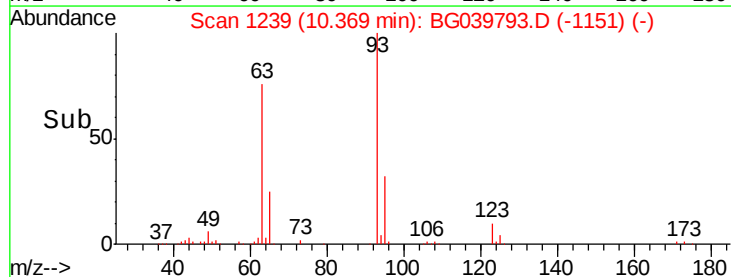
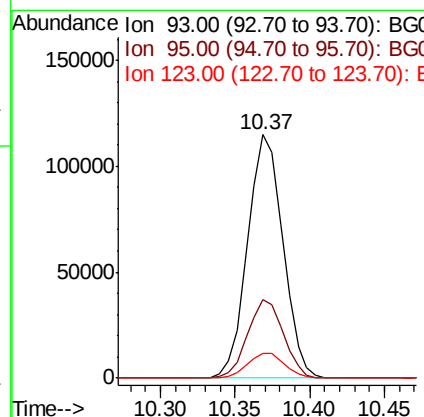
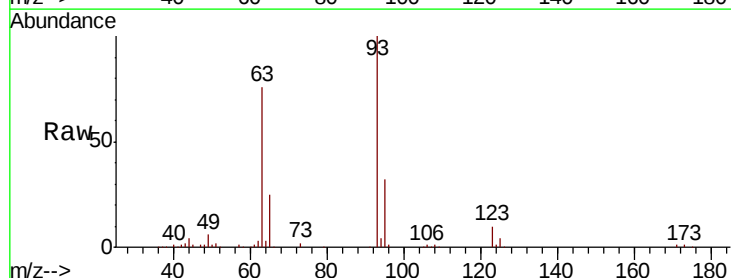
Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

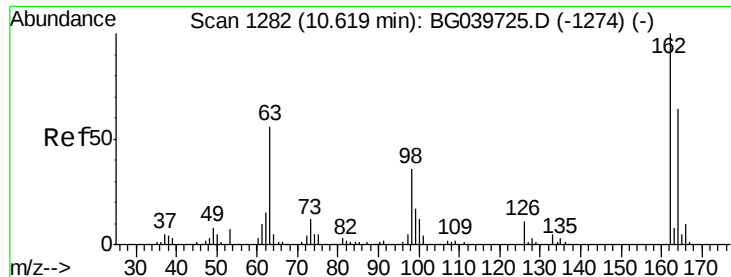
Tgt Ion: 122 Resp: 138756  
Ion Ratio Lower Upper  
122 100  
107 121.9 91.7 137.5  
121 60.7 46.4 69.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.136 ng  
RT: 10.37 min Scan# 1239  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion: 93 Resp: 188035  
Ion Ratio Lower Upper  
93 100  
95 32.4 25.0 37.4  
123 10.3 8.6 12.8

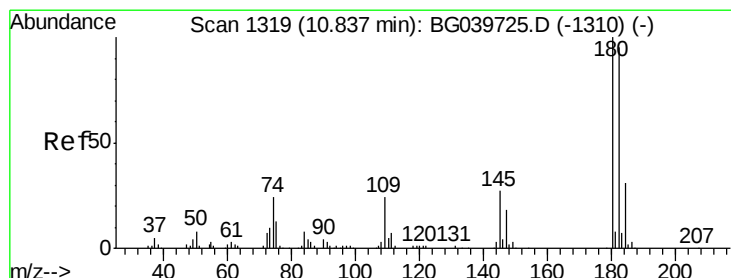
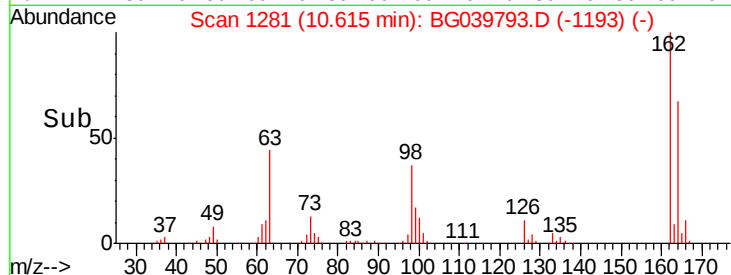
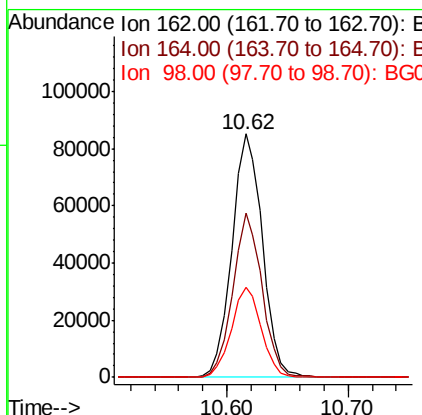
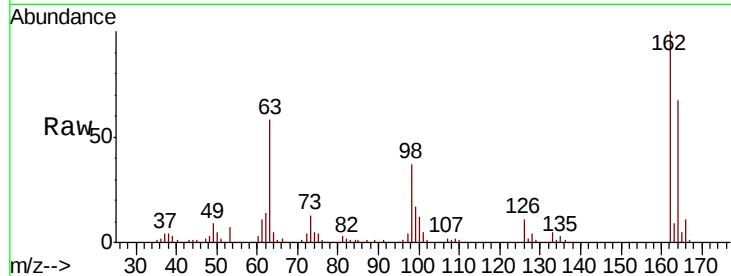




#29  
 2,4-Dichlorophenol  
 Concen: 43.527 ng  
 RT: 10.62 min Scan# 1281  
 Delta R.T. -0.01 min  
 Lab File: BG039793.D  
 Acq: 6 Mar 2019 18:46

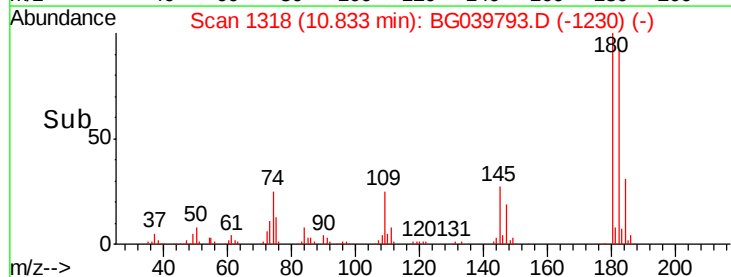
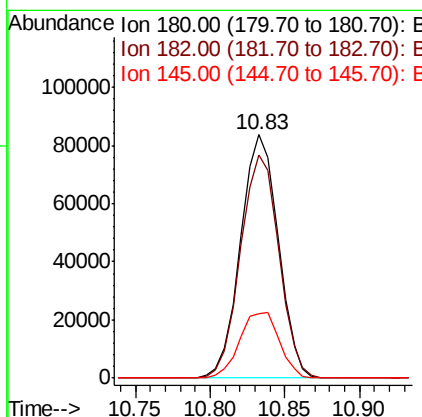
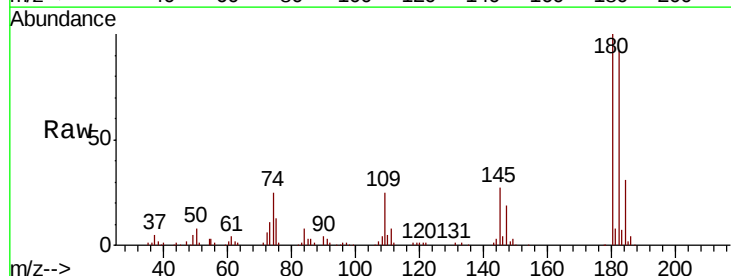
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S10MSD

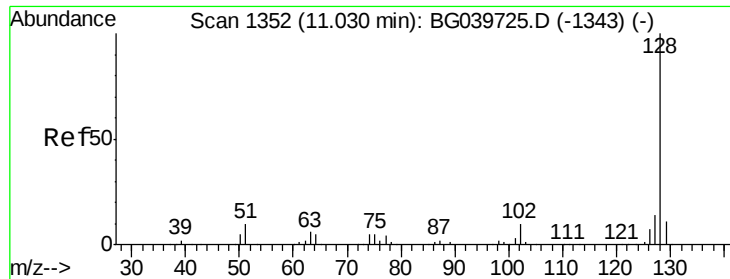
Tgt Ion:162 Resp: 149493  
 Ion Ratio Lower Upper  
 162 100  
 164 67.3 48.1 88.1  
 98 37.0 18.1 58.1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.959 ng  
 RT: 10.83 min Scan# 1318  
 Delta R.T. -0.01 min  
 Lab File: BG039793.D  
 Acq: 6 Mar 2019 18:46

Tgt Ion:180 Resp: 146698  
 Ion Ratio Lower Upper  
 180 100  
 182 91.8 76.0 114.0  
 145 26.7 22.7 34.1

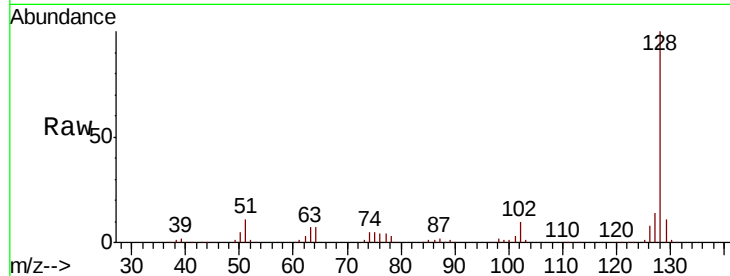




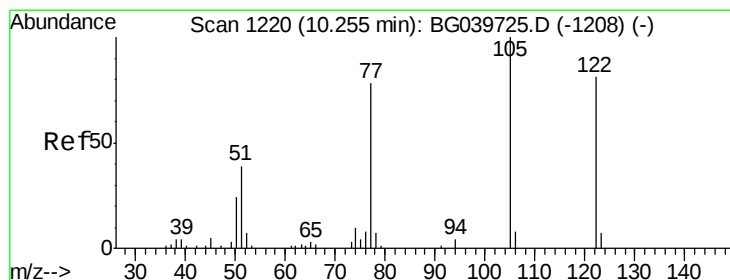
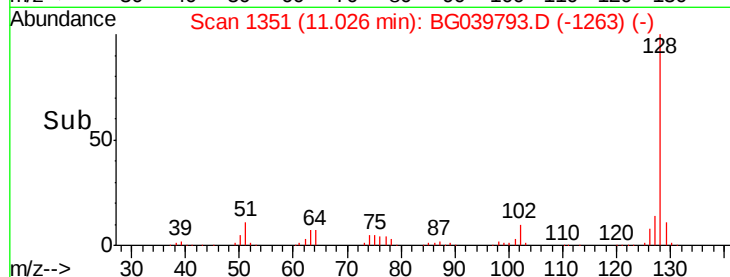
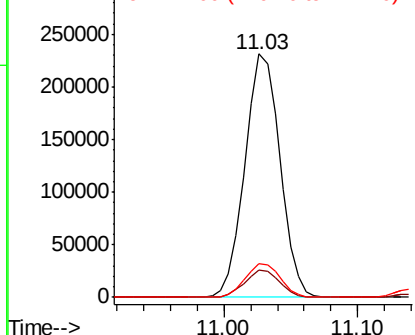
#31  
Naphthalene  
Concen: 37.937 ng  
RT: 11.03 min Scan# 1351  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

Tgt Ion:128 Resp: 420663  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 13.9 10.8 16.2

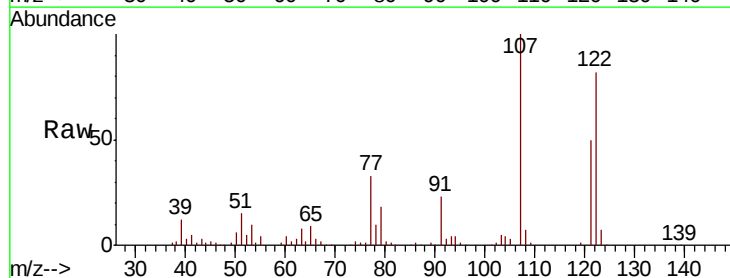


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

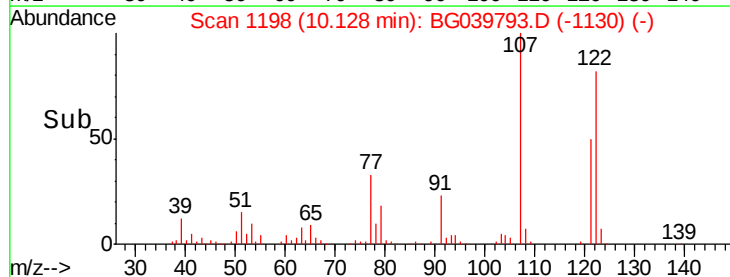
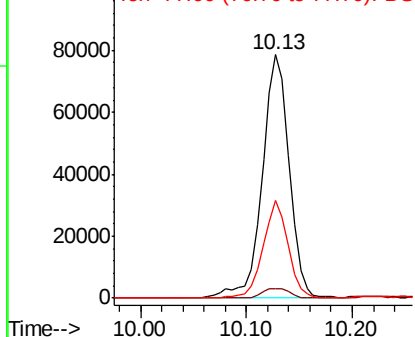


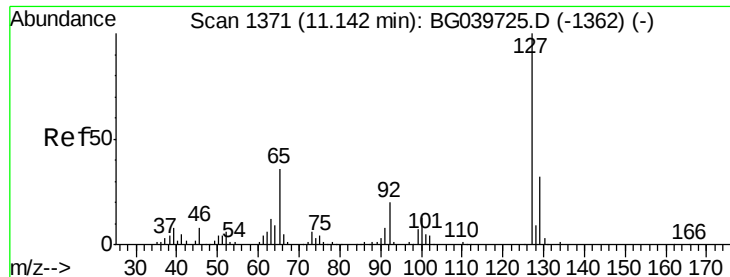
#32  
Benzoic acid  
Concen: 63.741 ng  
RT: 10.13 min Scan# 1198  
Delta R.T. -0.13 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion:122 Resp: 138756  
Ion Ratio Lower Upper  
122 100  
105 3.8 101.8 141.8#  
77 39.9 76.3 116.3#



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG

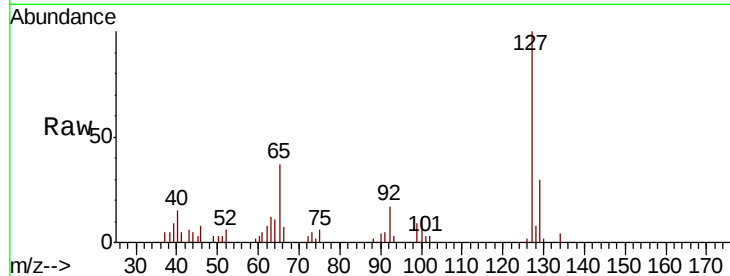




#33  
4-Chloroaniline  
Concen: 3.461 ng  
RT: 11.14 min Scan# 1371  
Delta R.T. -0.00 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 16271 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.1  | 27.0  | 40.4  |
| 65       | 37.0  | 28.8  | 43.2  |
| 92       | 16.9  | 16.6  | 25.0  |



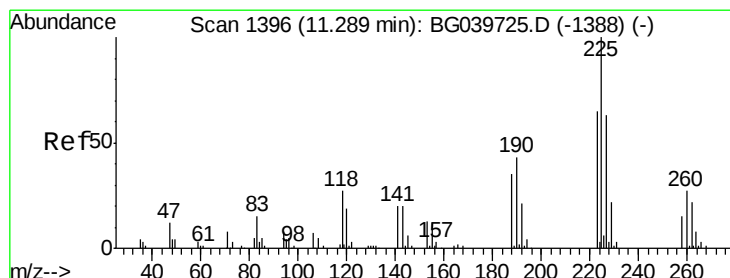
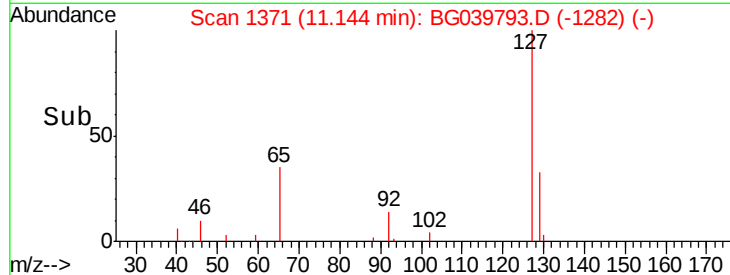
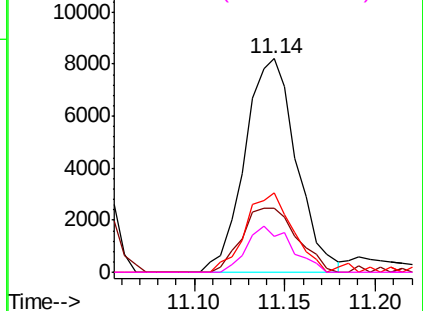
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

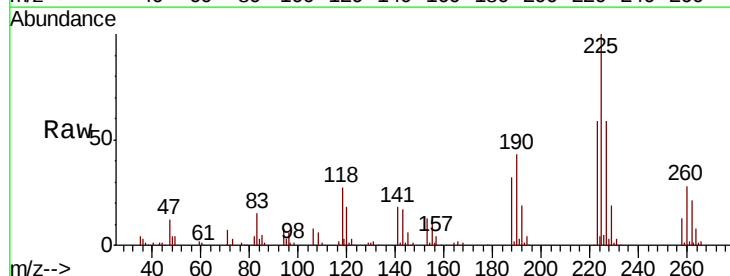
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 35.457 ng  
RT: 11.28 min Scan# 1395  
Delta R.T. -0.02 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 93639 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 58.6  | 49.0  | 73.6  |
| 227      | 58.9  | 46.3  | 69.5  |

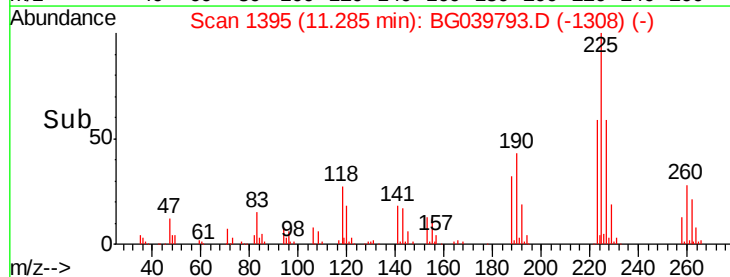
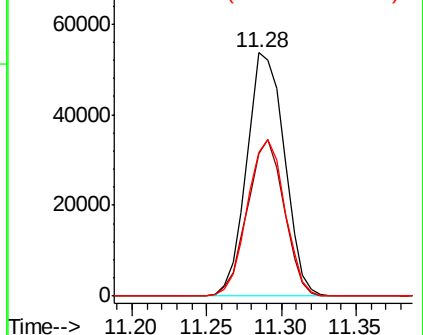


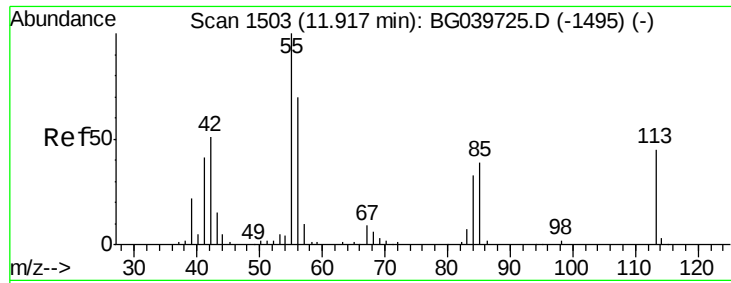
Abundance

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: 18.012 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

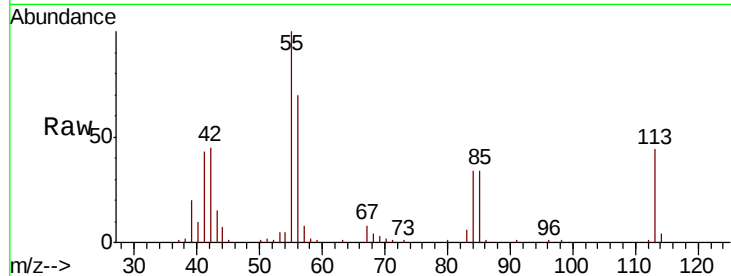
Tgt Ion:113 Resp: 23631

Ion Ratio Lower Upper

113 100

55 229.8 216.9 256.9

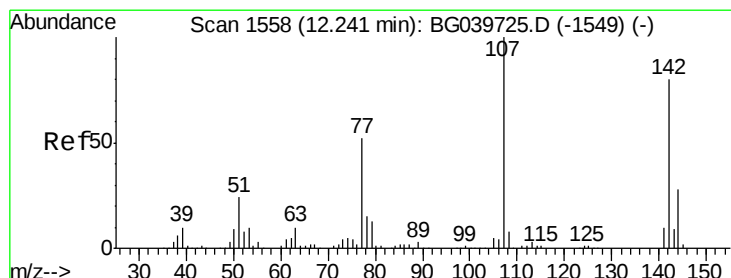
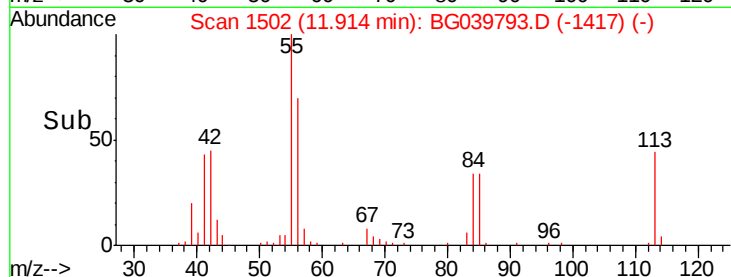
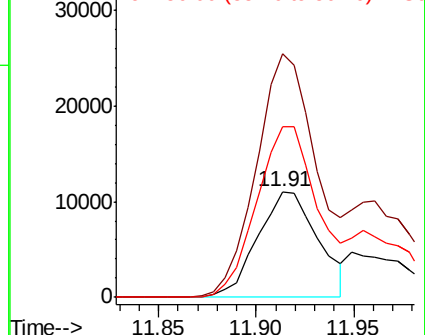
56 161.3 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.115 ng

RT: 12.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

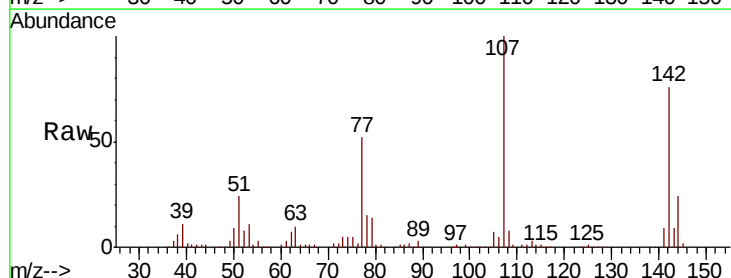
Tgt Ion:107 Resp: 165806

Ion Ratio Lower Upper

107 100

144 24.0 20.2 30.2

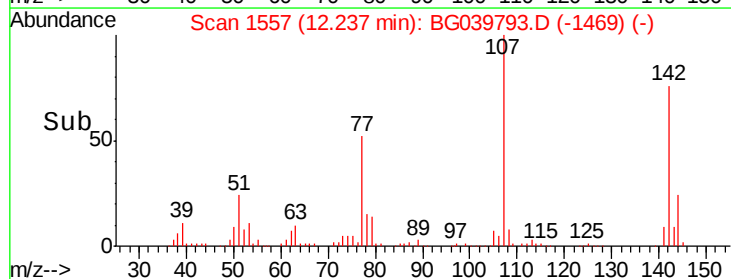
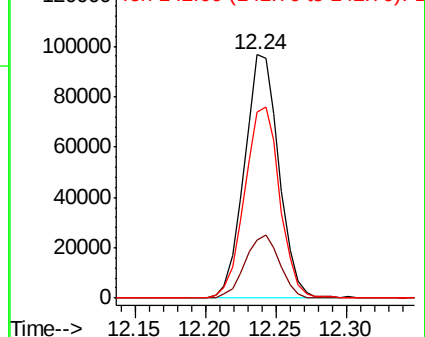
142 76.2 61.4 92.2

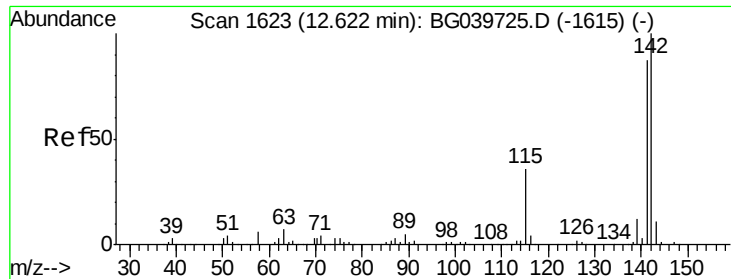


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

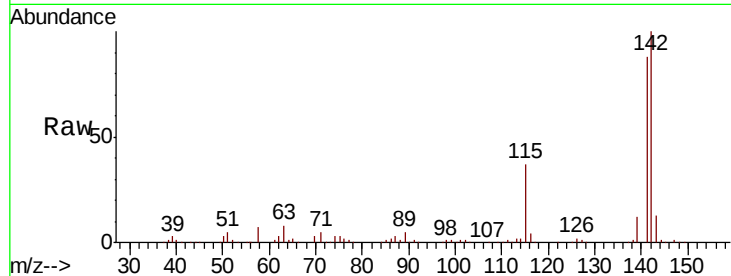




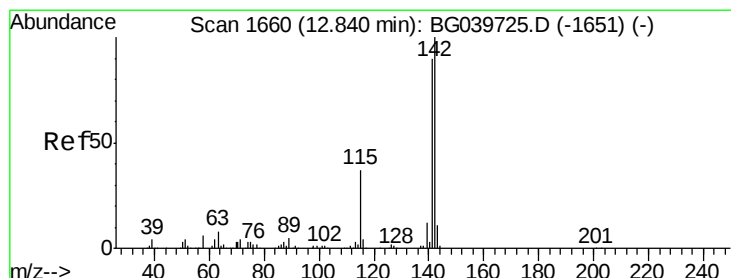
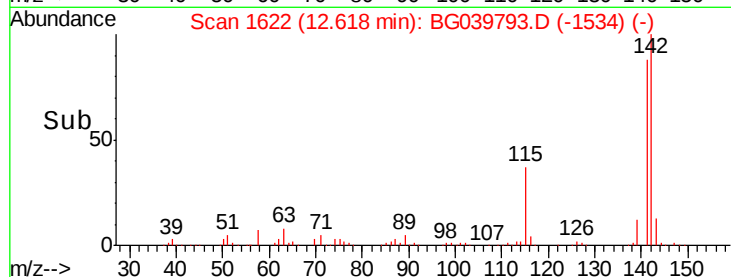
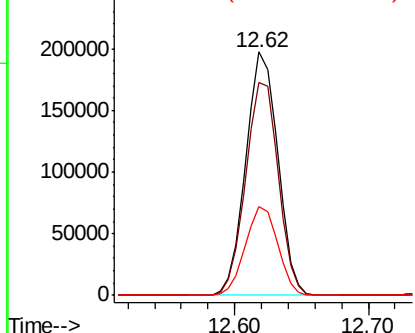
#37  
2-Methylnaphthalene  
Concen: 39.344 ng  
RT: 12.62 min Scan# 1622  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

Tgt Ion:142 Resp: 326163  
Ion Ratio Lower Upper  
142 100  
141 87.6 73.5 110.3  
115 36.5 30.8 46.2

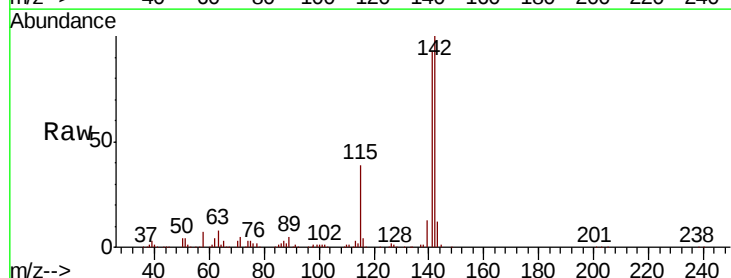


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

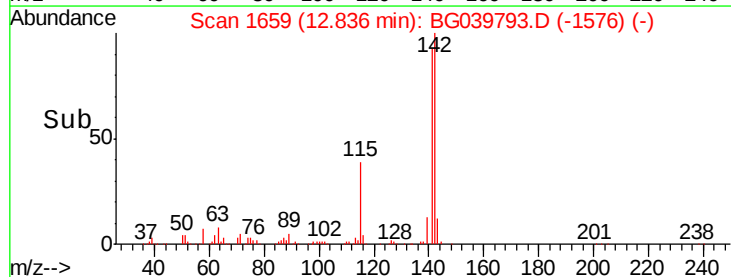
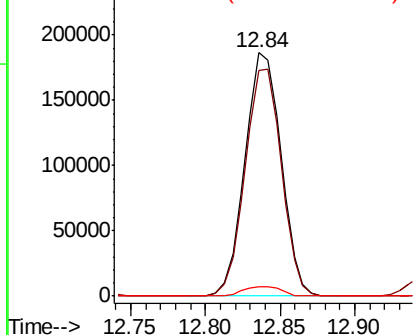


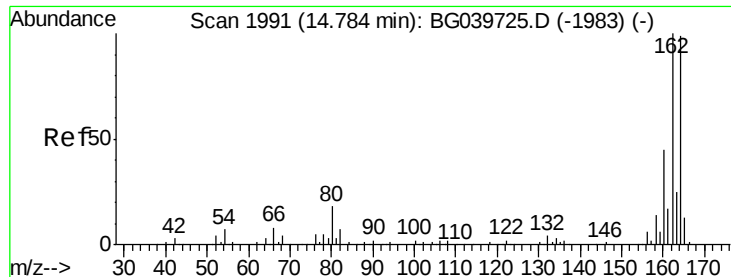
#38  
1-Methylnaphthalene  
Concen: 38.769 ng  
RT: 12.84 min Scan# 1659  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion:142 Resp: 312335  
Ion Ratio Lower Upper  
142 100  
141 92.7 74.2 111.4  
116 4.0 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

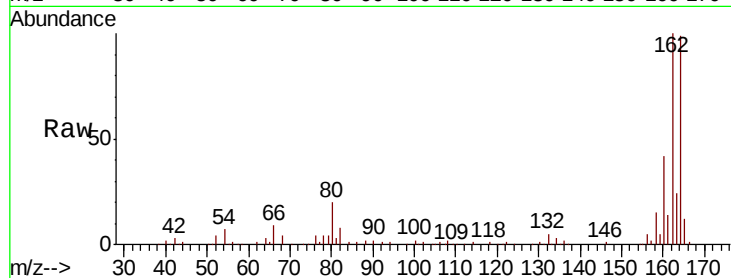
Tgt Ion:164 Resp: 150430

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

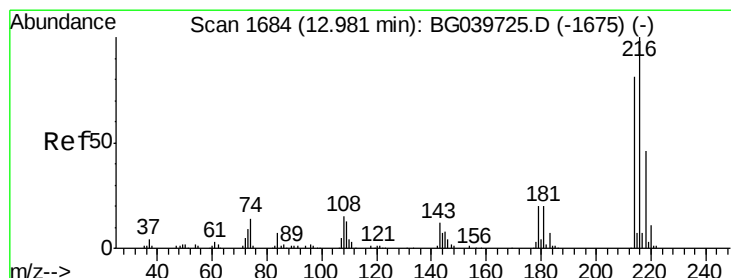
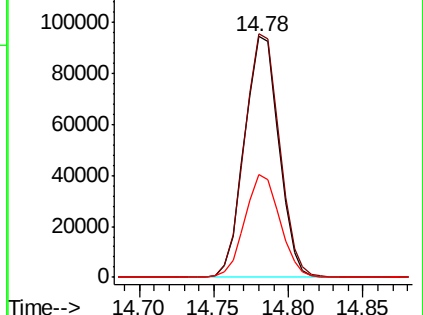
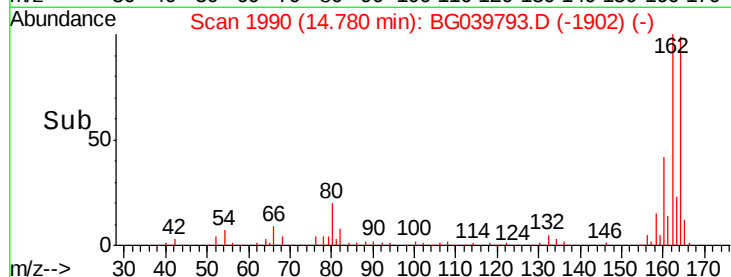
160 42.5 34.2 51.2



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: 35.467 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Tgt Ion:216 Resp: 180747

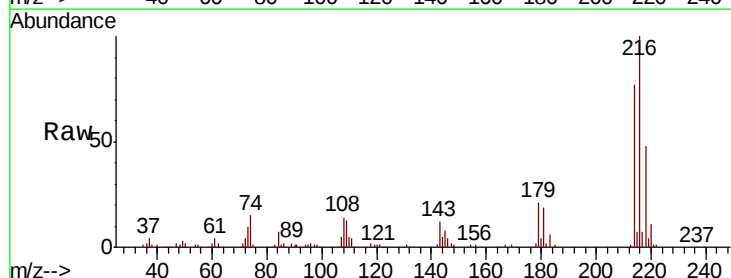
Ion Ratio Lower Upper

216 100

214 79.8 62.6 94.0

179 20.8 16.6 25.0

108 17.8 14.0 21.0

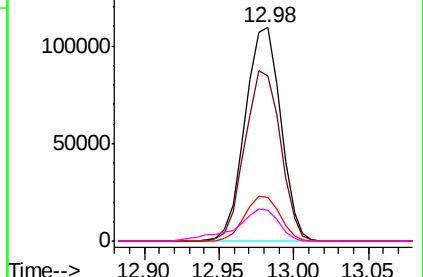
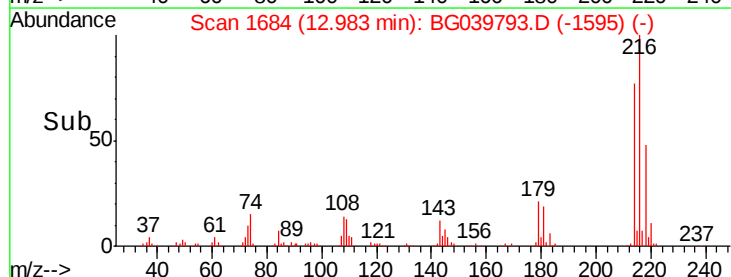


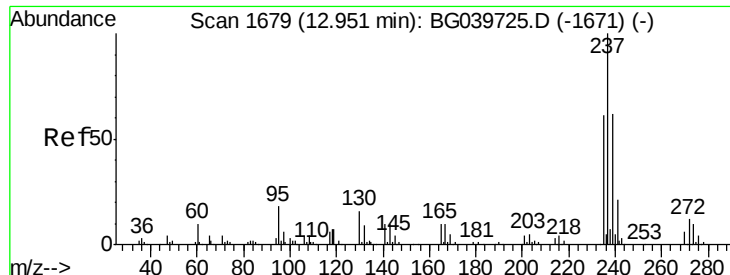
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 75.534 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

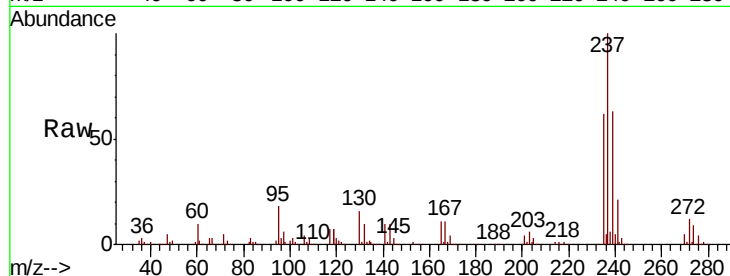
Tgt Ion: 237 Resp: 206289

Ion Ratio Lower Upper

237 100

235 62.3 43.3 83.3

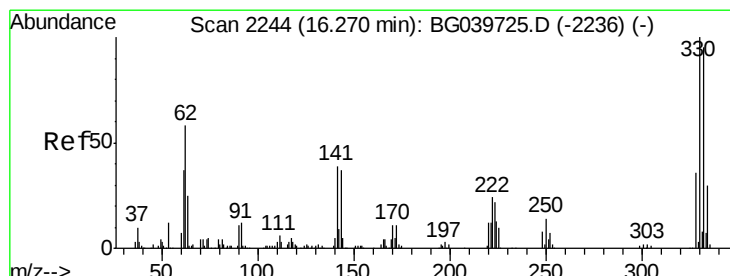
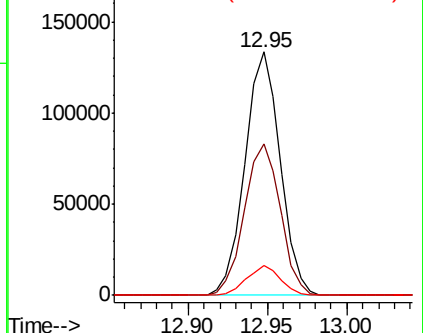
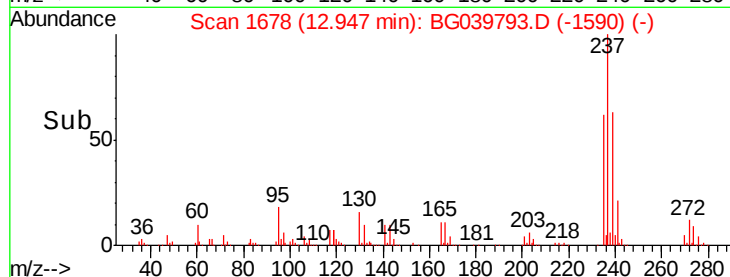
272 12.2 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.826 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

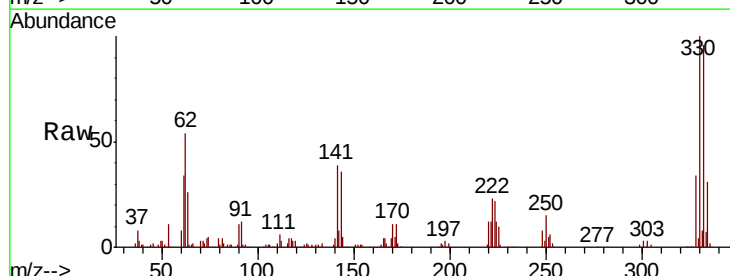
Tgt Ion: 330 Resp: 215360

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

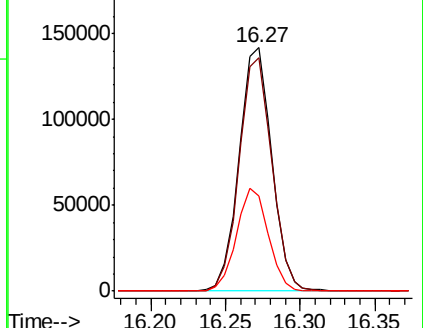
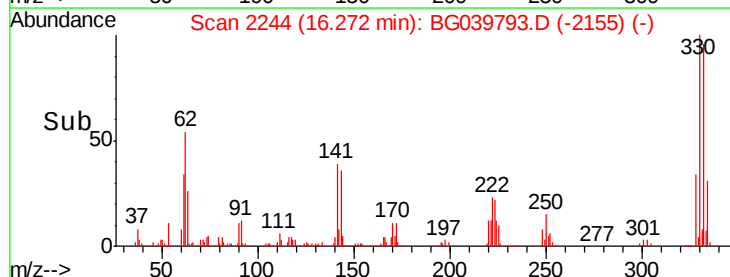
141 41.6 35.6 53.4

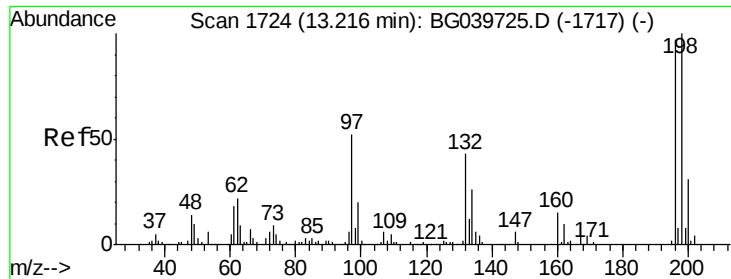


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

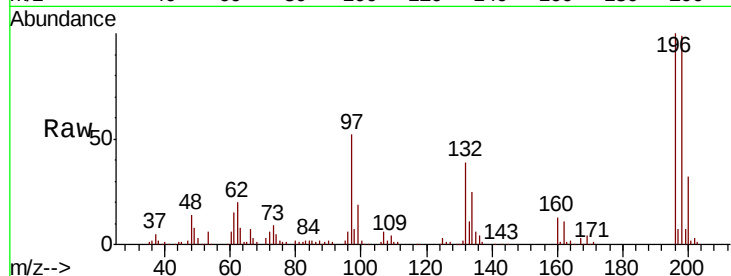




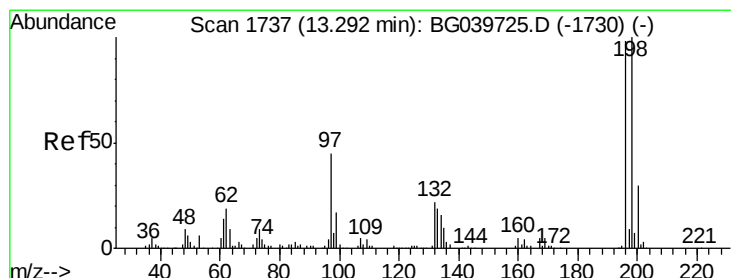
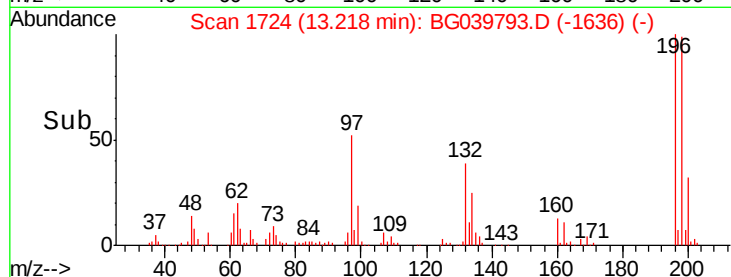
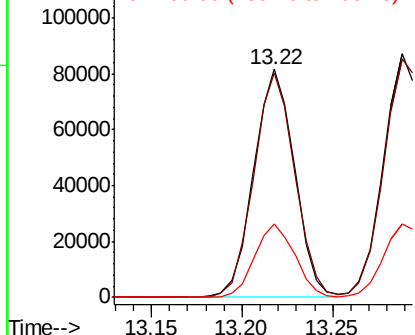
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.649 ng  
 RT: 13.22 min Scan# 1724  
 Delta R.T. -0.01 min  
 Lab File: BG039793.D  
 Acq: 6 Mar 2019 18:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S10MSD

Tgt Ion:196 Resp: 127246  
 Ion Ratio Lower Upper  
 196 100  
 198 98.7 80.6 121.0  
 200 32.0 26.1 39.1

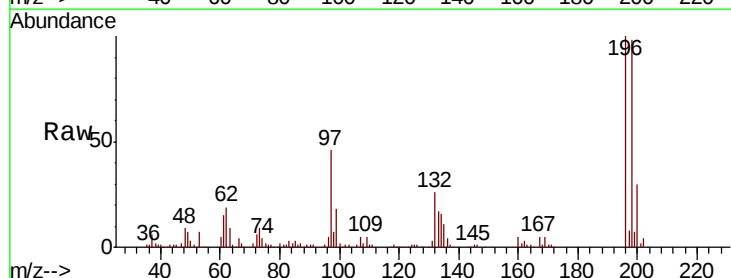


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

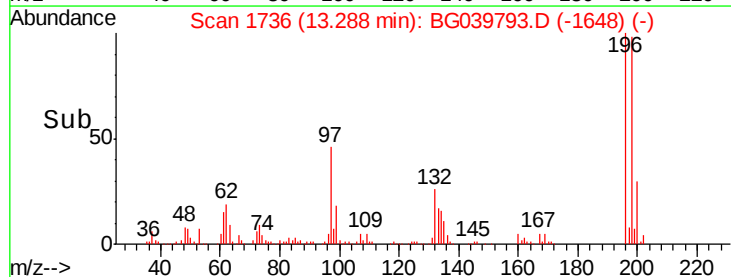
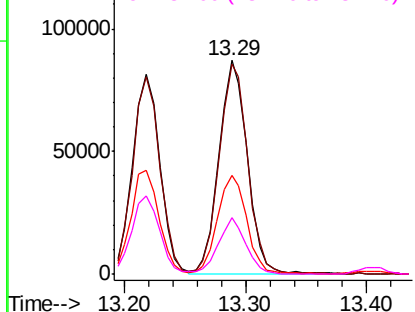


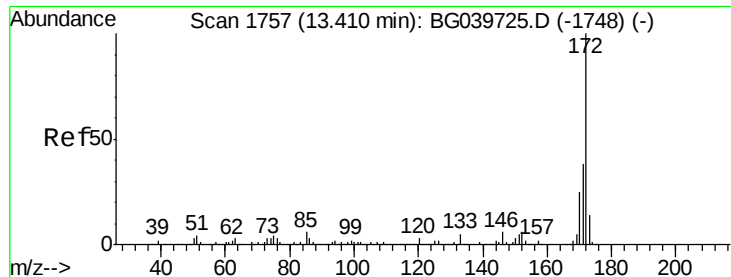
#44  
 2,4,5-Trichlorophenol  
 Concen: 41.751 ng  
 RT: 13.29 min Scan# 1736  
 Delta R.T. -0.01 min  
 Lab File: BG039793.D  
 Acq: 6 Mar 2019 18:46

Tgt Ion:196 Resp: 140411  
 Ion Ratio Lower Upper  
 196 100  
 198 98.2 78.5 117.7  
 97 46.3 38.4 57.6  
 132 26.1 19.2 28.8



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

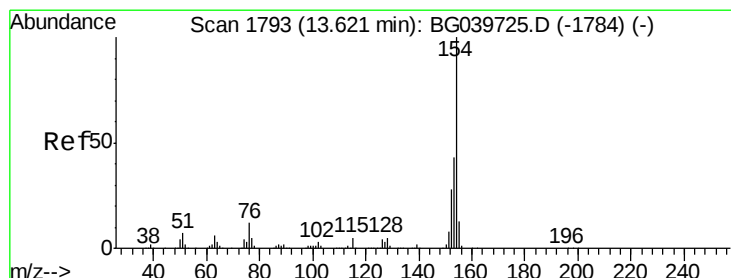
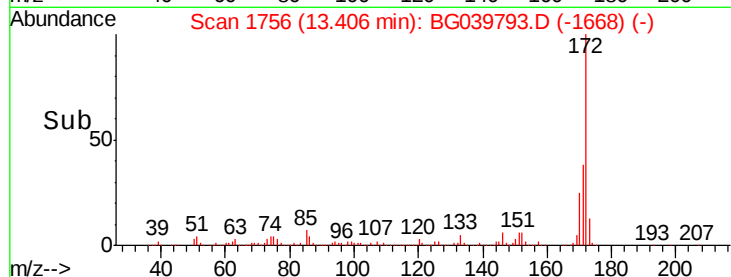
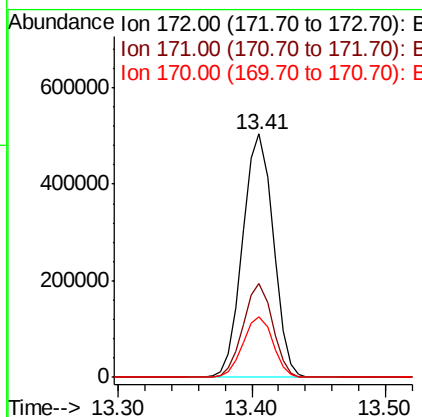
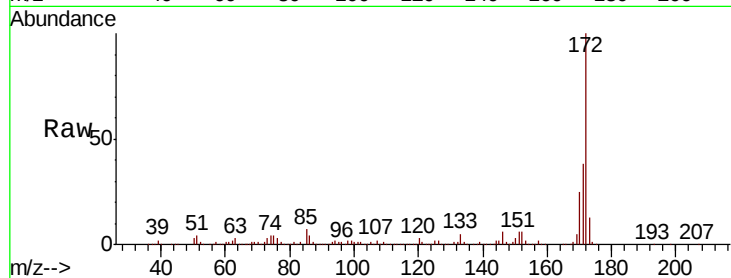




#45  
2-Fluorobiphenyl  
Concen: 75.399 ng  
RT: 13.41 min Scan# 1756  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

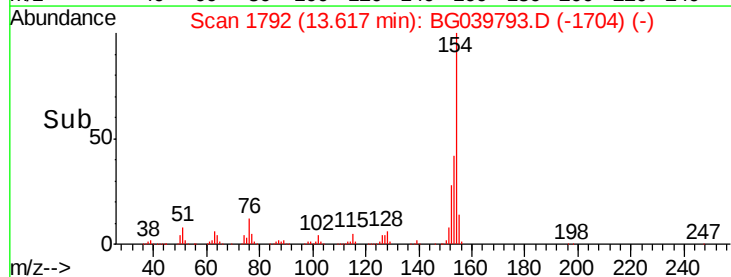
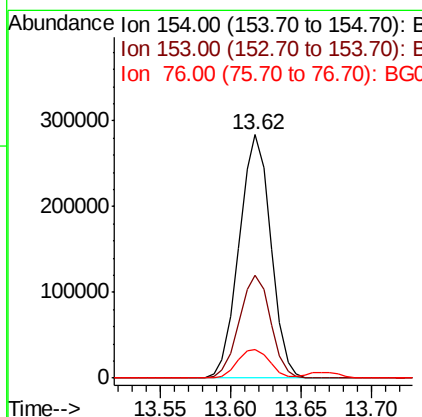
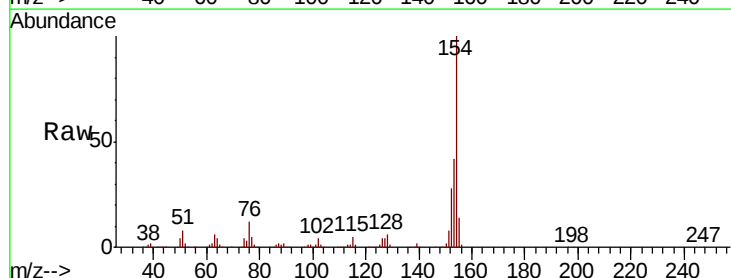
Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

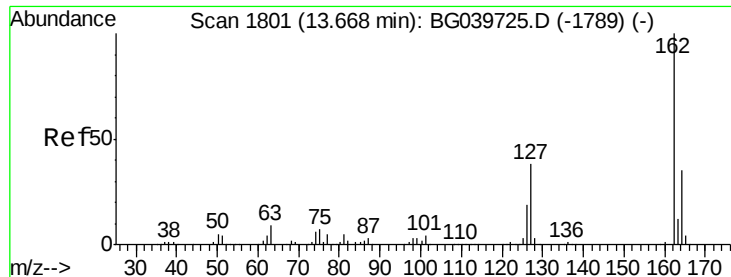
Tgt Ion:172 Resp: 796599  
Ion Ratio Lower Upper  
172 100  
171 38.5 30.8 46.2  
170 24.9 20.2 30.4



#46  
1,1'-Biphenyl  
Concen: 35.956 ng  
RT: 13.62 min Scan# 1792  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion:154 Resp: 444868  
Ion Ratio Lower Upper  
154 100  
153 42.2 22.1 62.1  
76 11.8 0.0 32.4

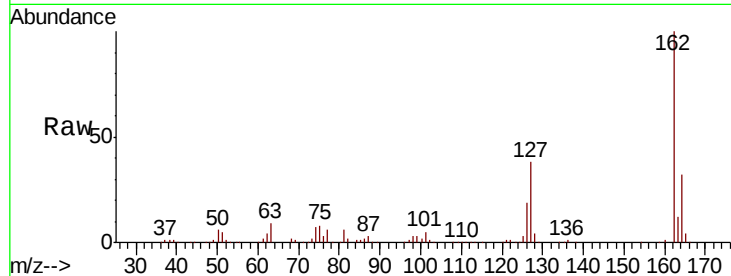




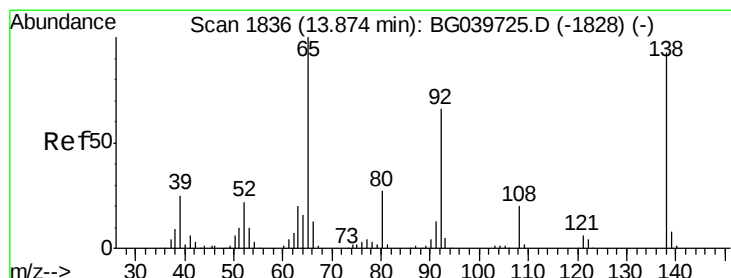
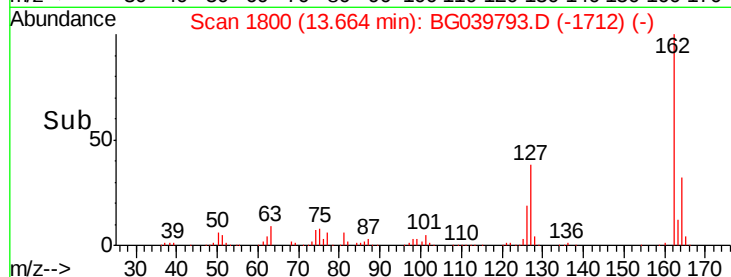
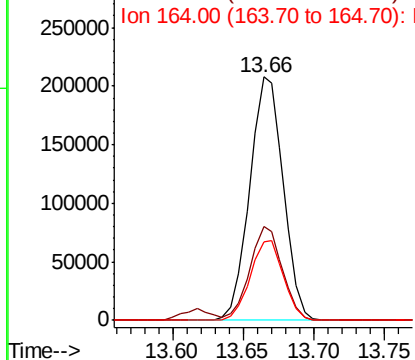
#47  
 2-Chloronaphthalene  
 Concen: 37.221 ng  
 RT: 13.66 min Scan# 1800  
 Delta R.T. -0.01 min  
 Lab File: BG039793.D  
 Acq: 6 Mar 2019 18:46

Instrument :  
 BNA\_G  
 ClientSampled :  
 S10MSD

Tgt Ion: 162 Resp: 346449  
 Ion Ratio Lower Upper  
 162 100  
 127 38.3 31.0 46.6  
 164 32.5 25.7 38.5

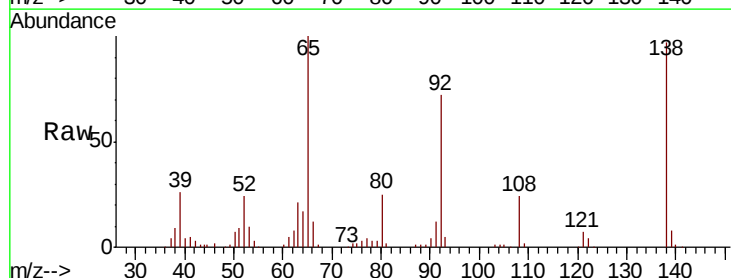


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

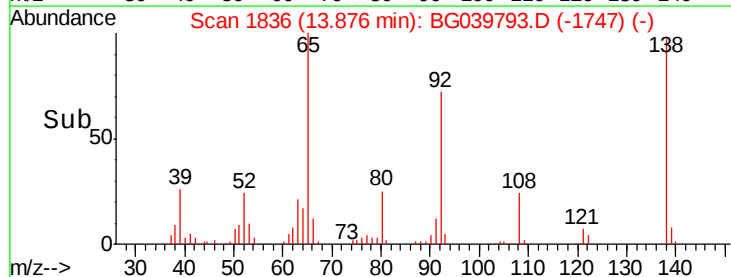
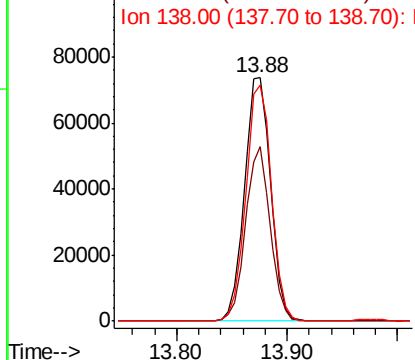


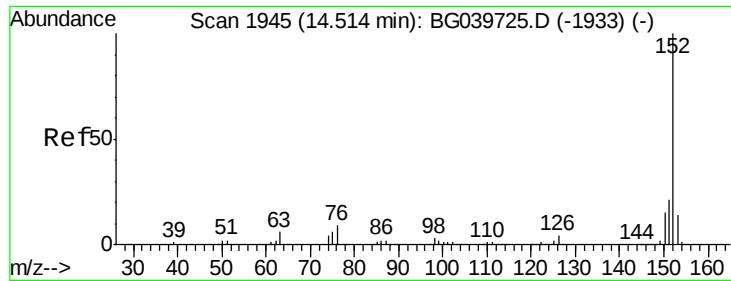
#48  
 2-Nitroaniline  
 Concen: 40.967 ng  
 RT: 13.88 min Scan# 1836  
 Delta R.T. -0.00 min  
 Lab File: BG039793.D  
 Acq: 6 Mar 2019 18:46

Tgt Ion: 65 Resp: 122542  
 Ion Ratio Lower Upper  
 65 100  
 92 71.6 51.4 77.2  
 138 97.0 71.4 107.2



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





#49

Acenaphthylene

Concen: 36.657 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

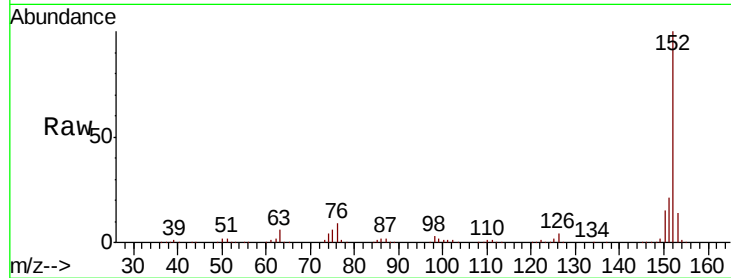
Tgt Ion:152 Resp: 560119

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

153 13.9 11.7 17.5

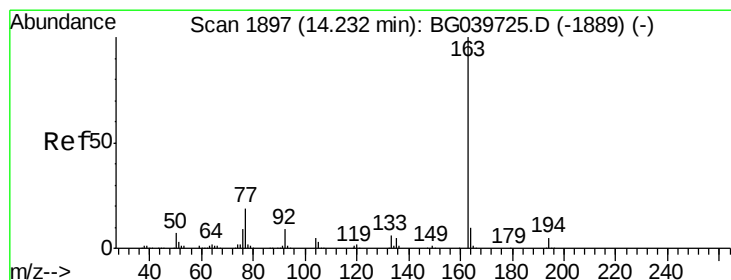
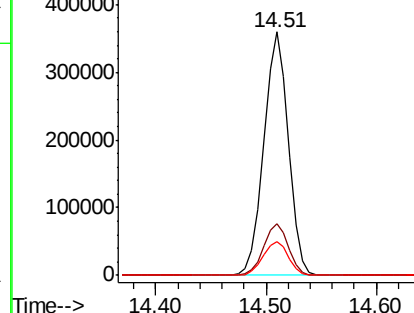
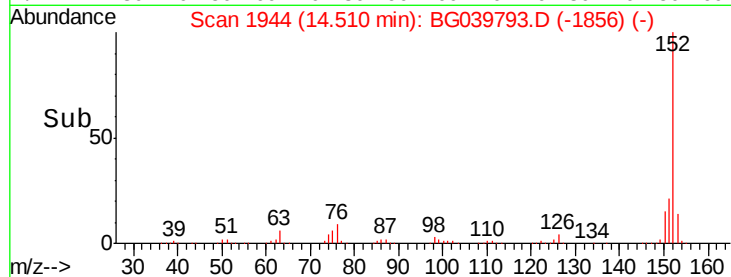


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.552 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

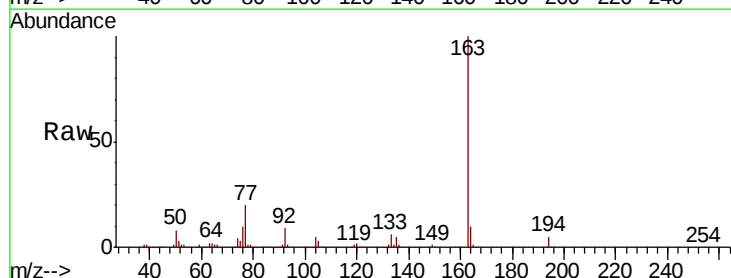
Tgt Ion:163 Resp: 472360

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

164 10.5 8.4 12.6

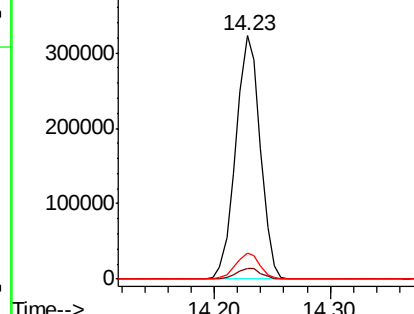
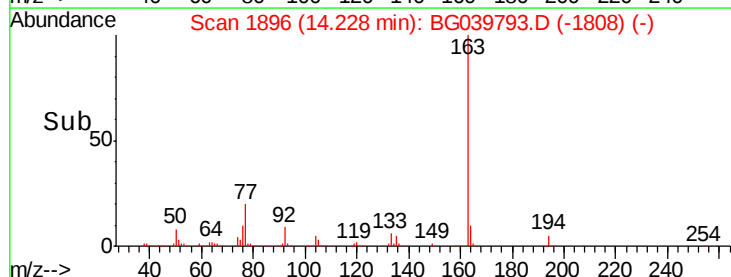


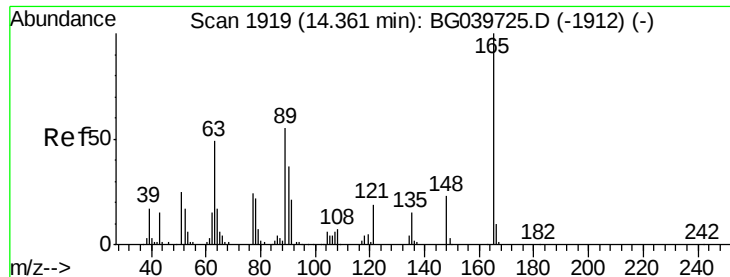
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

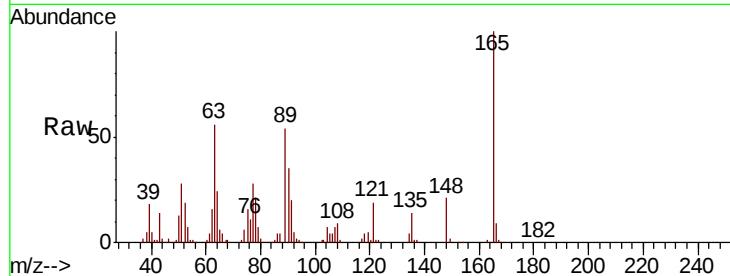




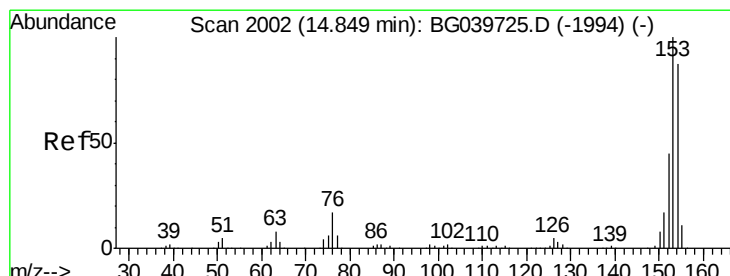
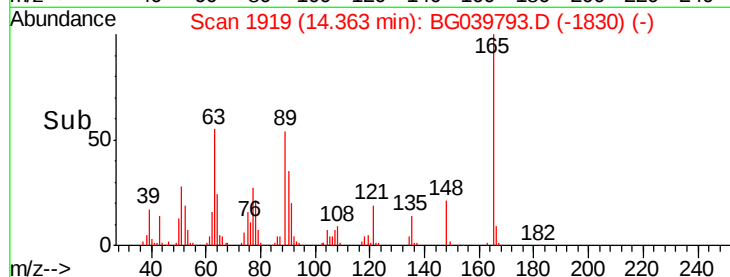
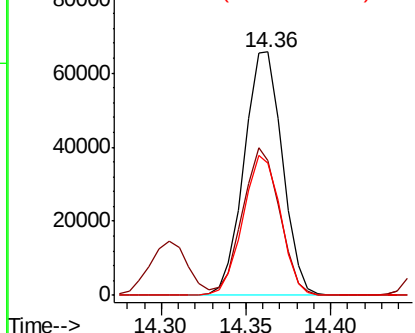
#51  
2,6-Dinitrotoluene  
Concen: 38.946 ng  
RT: 14.36 min Scan# 1919  
Delta R.T. -0.00 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

Tgt Ion:165 Resp: 103856  
Ion Ratio Lower Upper  
165 100  
63 55.5 47.0 70.6  
89 54.4 45.8 68.8

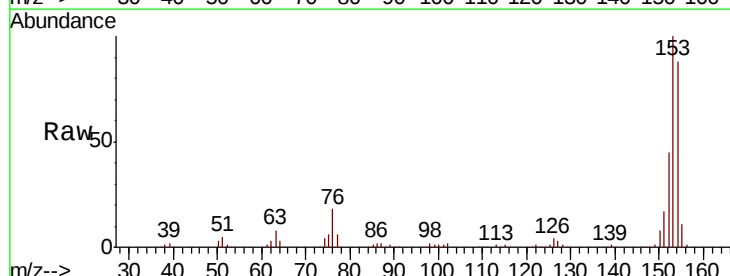


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG

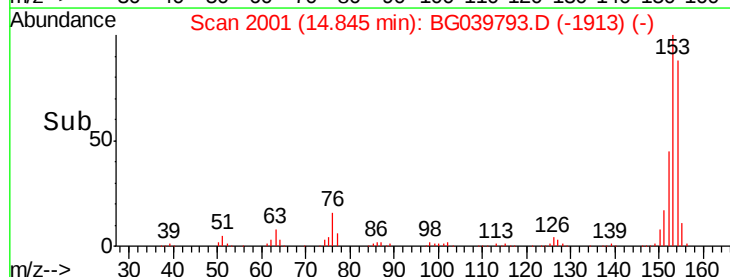
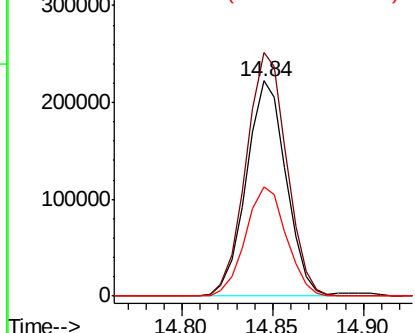


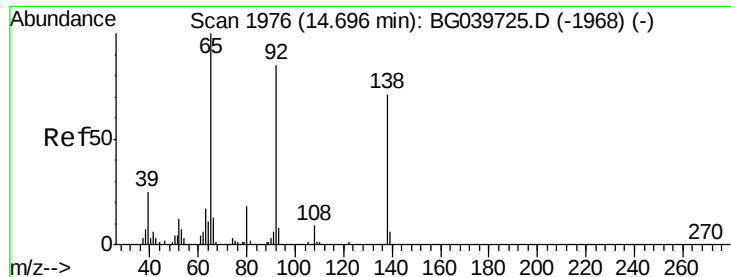
#52  
Acenaphthene  
Concen: 37.027 ng  
RT: 14.84 min Scan# 2001  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion:154 Resp: 340520  
Ion Ratio Lower Upper  
154 100  
153 113.2 90.1 135.1  
152 50.9 40.9 61.3



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





#53

3-Nitroaniline

Concen: 8.980 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

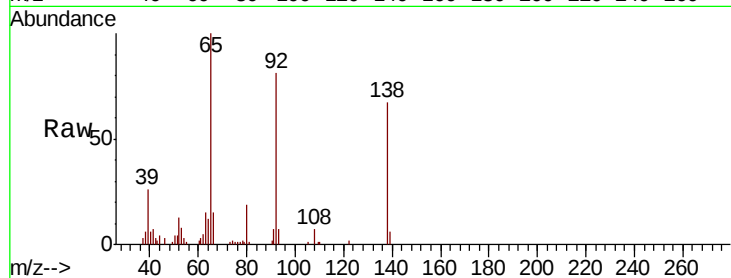
Tgt Ion:138 Resp: 24071

Ion Ratio Lower Upper

138 100

108 9.7 13.8 20.8#

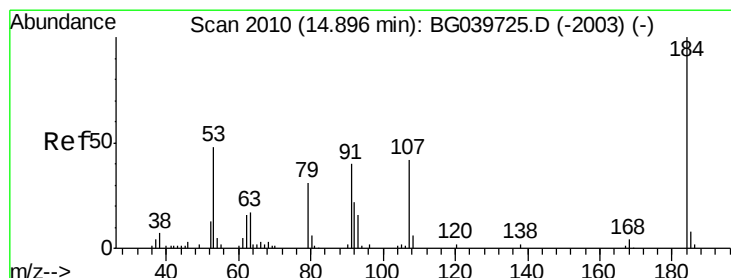
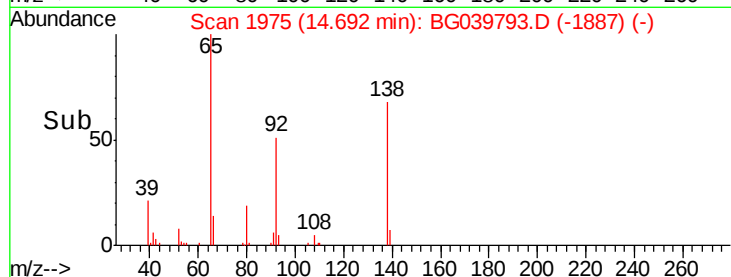
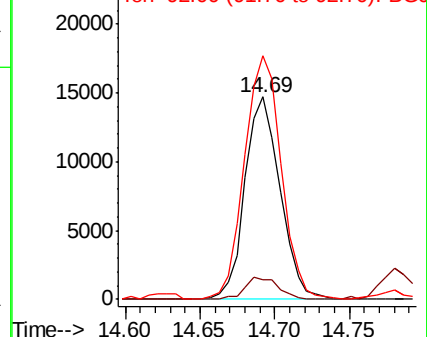
92 120.4 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 10.839 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

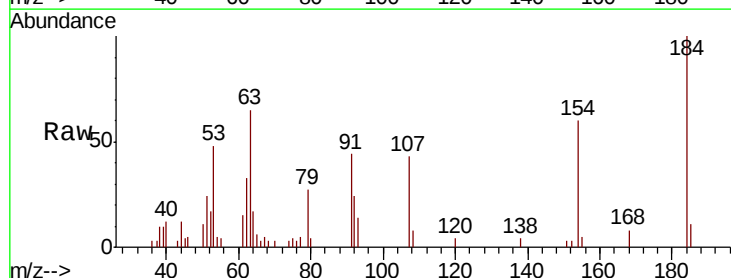
Tgt Ion:184 Resp: 10049

Ion Ratio Lower Upper

184 100

63 64.6 50.9 76.3

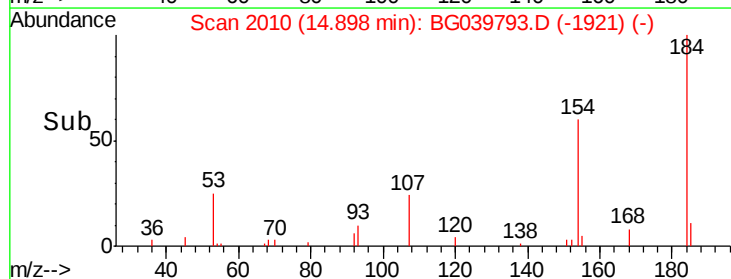
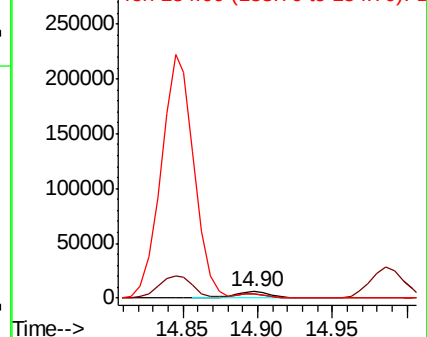
154 60.3 53.0 79.6

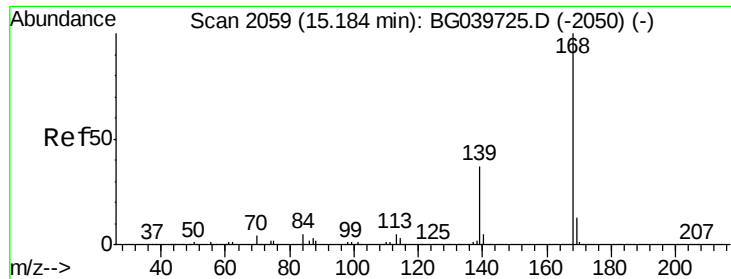


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

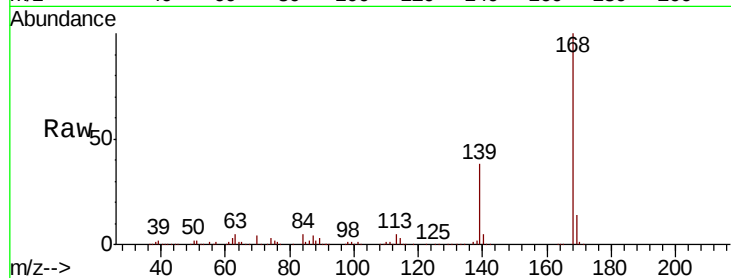




#55  
Dibenzenofuran  
Concen: 37.496 ng  
RT: 15.18 min Scan# 2058  
Delta R.T. -0.00 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.7  | 30.1  | 45.1  |
| 169     | 13.9  | 10.6  | 16.0  |

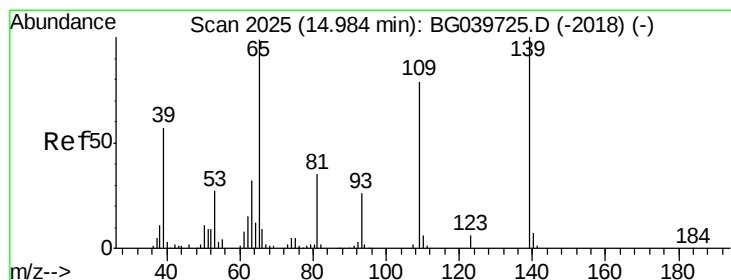
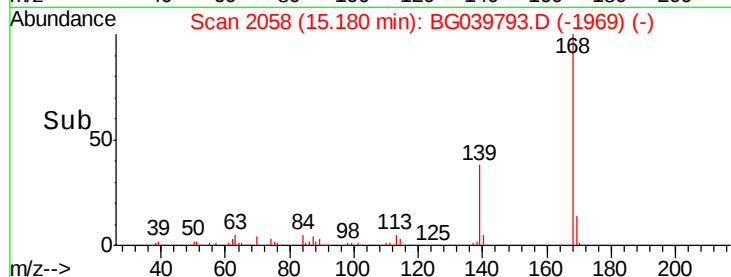
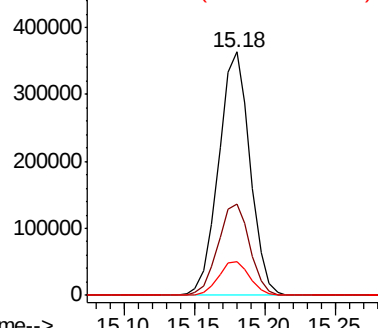


Abundance

Ion 168.00 (167.70 to 168.70): E

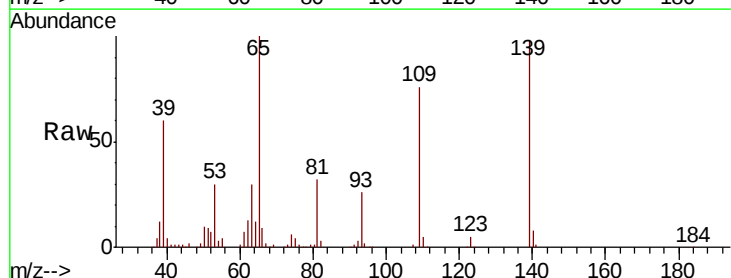
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 61.586 ng  
RT: 14.99 min Scan# 2025  
Delta R.T. -0.00 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 78.1  | 61.9  | 101.9 |
| 65      | 102.1 | 99.1  | 139.1 |

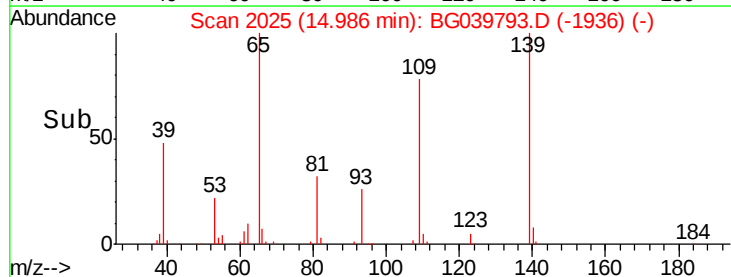
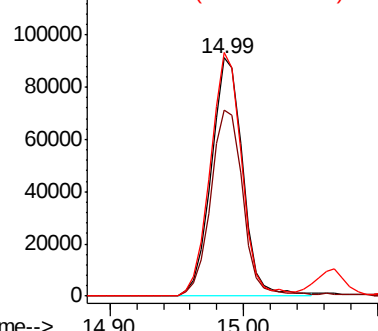


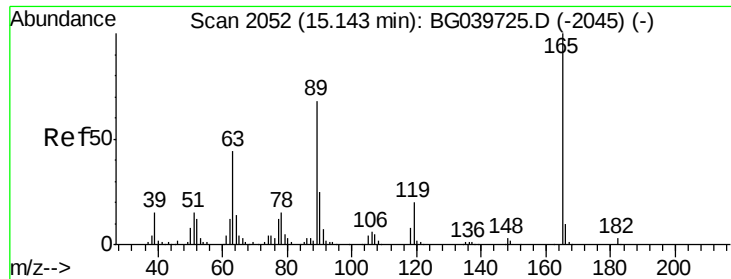
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

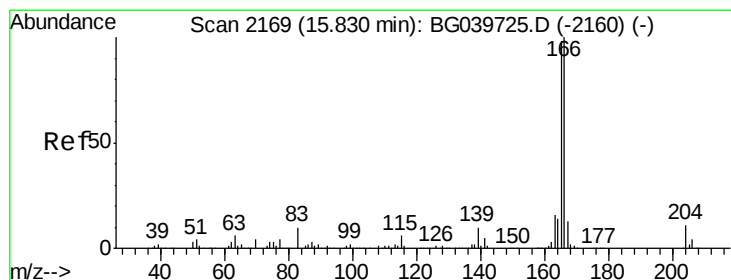
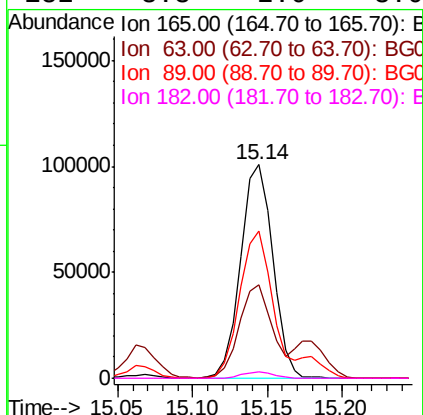
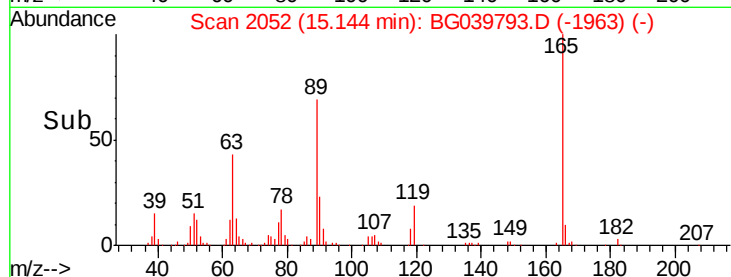
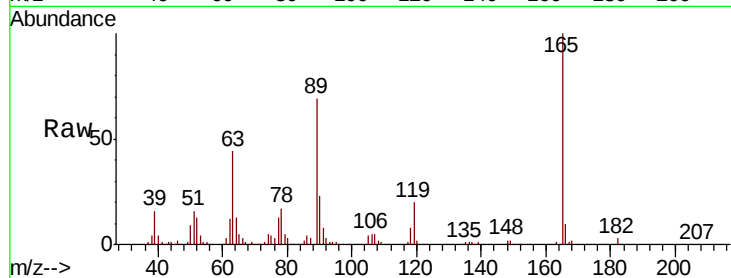




#57  
2,4-Dinitrotoluene  
Concen: 40.215 ng  
RT: 15.14 min Scan# 2052  
Delta R.T. -0.00 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

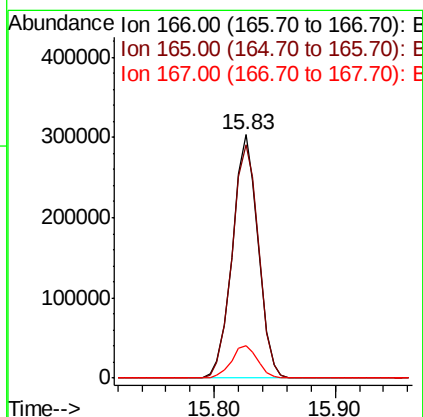
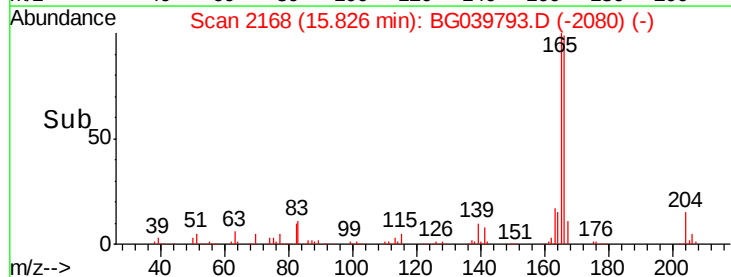
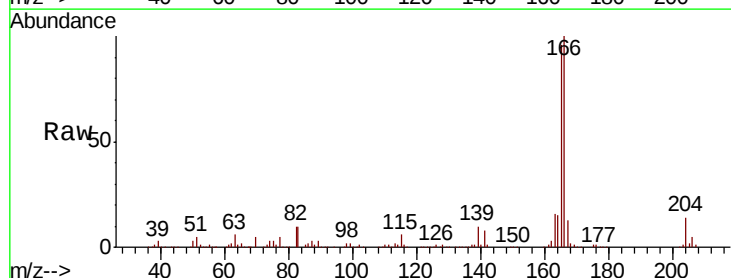
Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

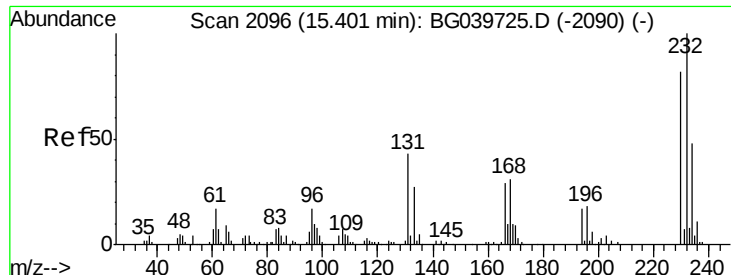
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.5  | 41.0  | 61.6  |
| 89      | 68.8  | 64.6  | 96.8  |
| 182     | 3.3   | 2.0   | 3.0   |



#58  
Fluorene  
Concen: 37.745 ng  
RT: 15.83 min Scan# 2168  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.0  | 77.9  | 116.9 |
| 167     | 13.1  | 10.8  | 16.2  |

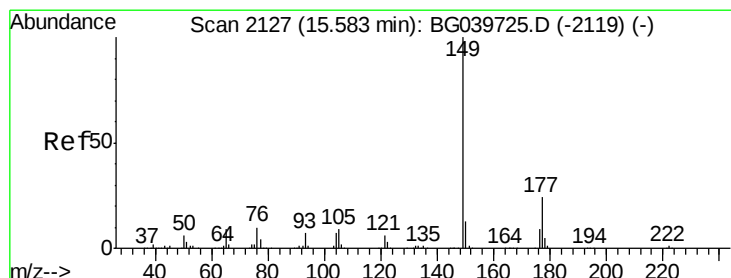
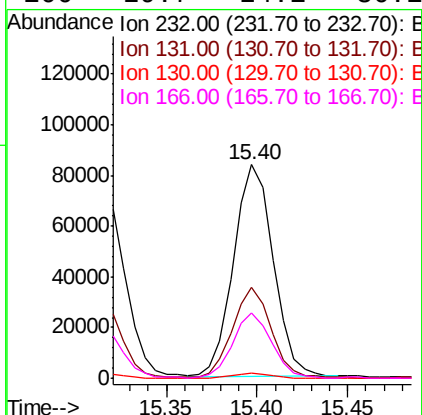
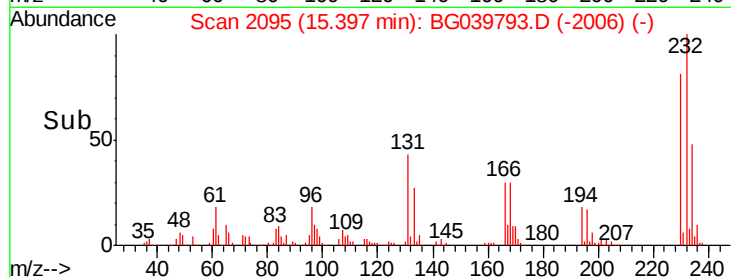
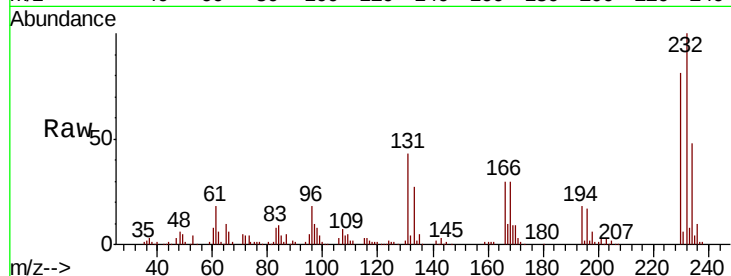




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.936 ng  
RT: 15.40 min Scan# 2095  
Delta R.T. -0.00 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

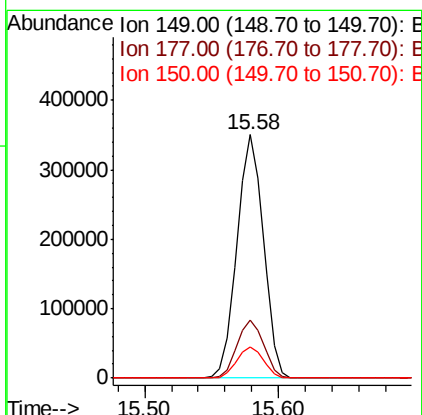
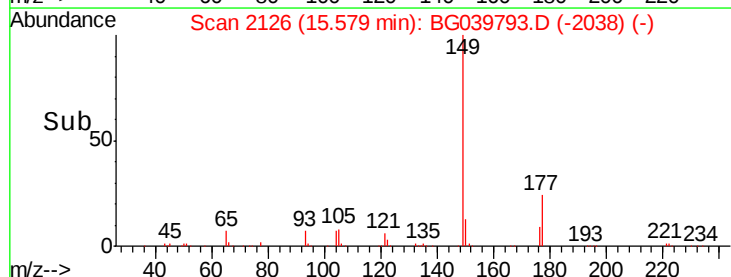
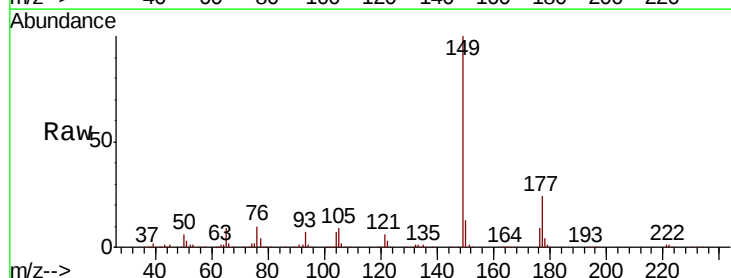
Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

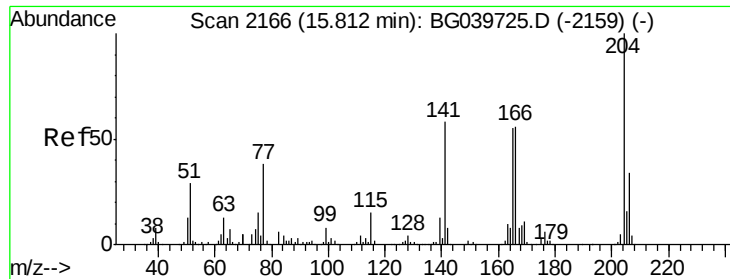
Tgt Ion:232 Resp: 127882  
Ion Ratio Lower Upper  
232 100  
131 41.8 34.9 52.3  
130 2.3 2.0 3.0  
166 29.7 24.1 36.1



#60  
Diethylphthalate  
Concen: 38.625 ng  
RT: 15.58 min Scan# 2126  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion:149 Resp: 480967  
Ion Ratio Lower Upper  
149 100  
177 23.8 18.3 27.5  
150 12.6 10.2 15.2

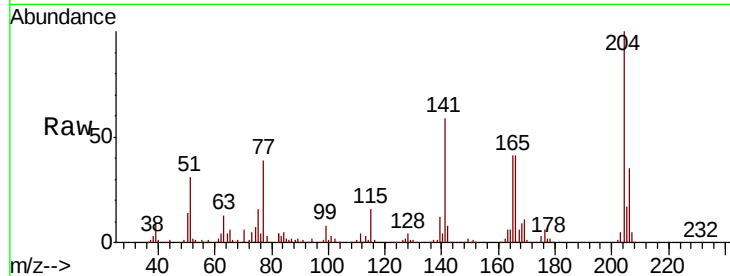




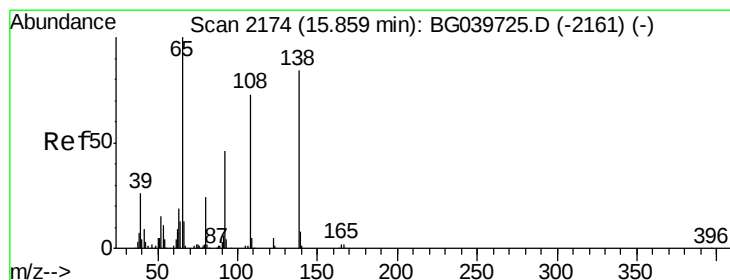
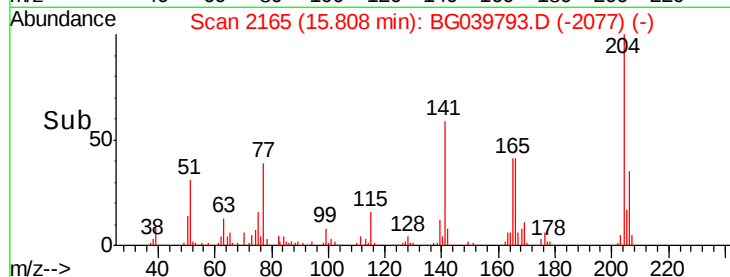
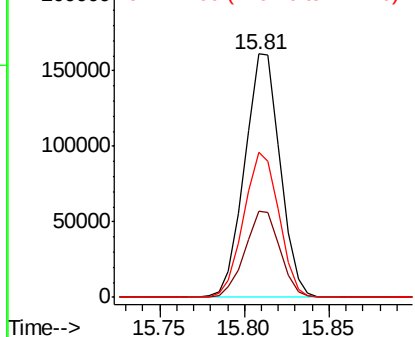
#61  
4-Chlorophenyl-phenylether  
Concen: 37.265 ng  
RT: 15.81 min Scan# 2165  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

Tgt Ion: 204 Resp: 235875  
Ion Ratio Lower Upper  
204 100  
206 35.5 29.2 43.8  
141 59.4 49.0 73.4

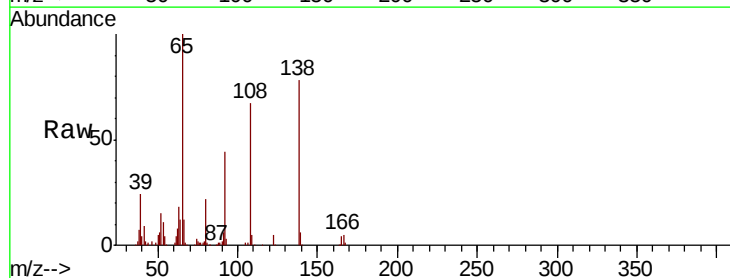


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

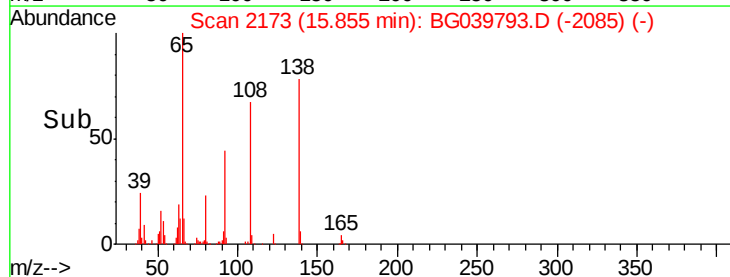
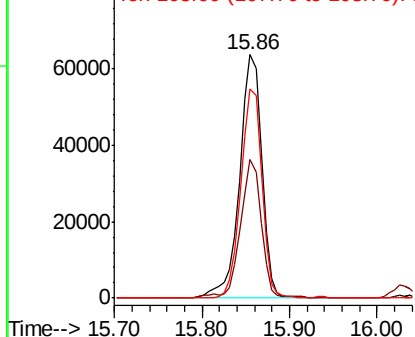


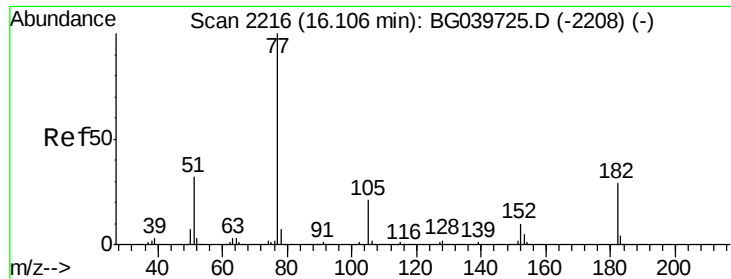
#62  
4-Nitroaniline  
Concen: 37.274 ng  
RT: 15.86 min Scan# 2173  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion: 138 Resp: 108318  
Ion Ratio Lower Upper  
138 100  
92 56.7 38.7 78.7  
108 86.0 74.6 114.6



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

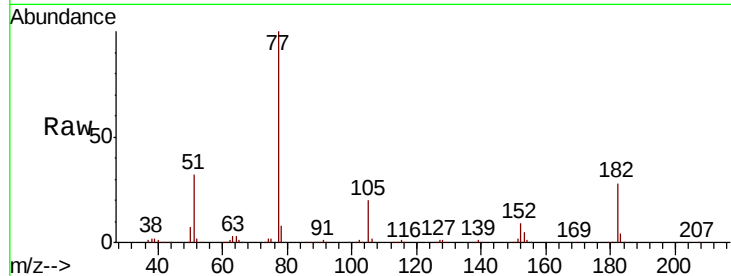




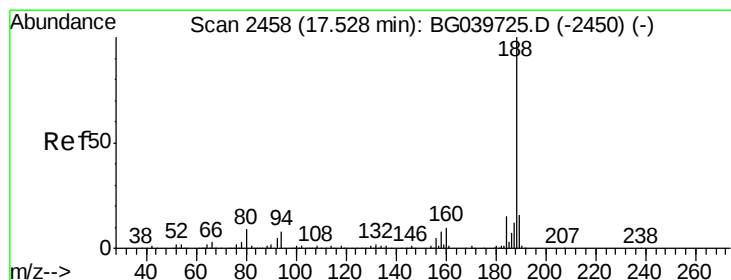
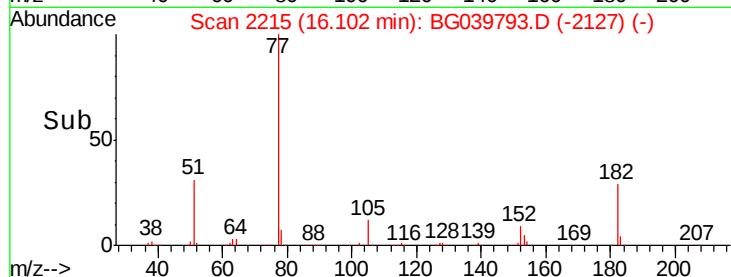
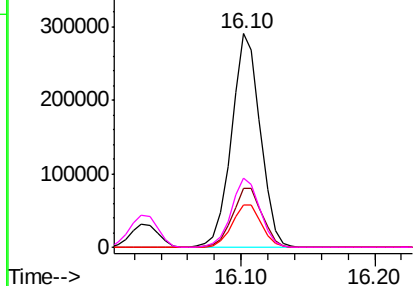
#63  
Azobenzene  
Concen: 38.301 ng  
RT: 16.10 min Scan# 2215  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

Tgt Ion: 77 Resp: 432320  
Ion Ratio Lower Upper  
77 100  
182 27.6 6.4 46.4  
105 19.9 0.0 39.8  
51 32.3 14.1 54.1

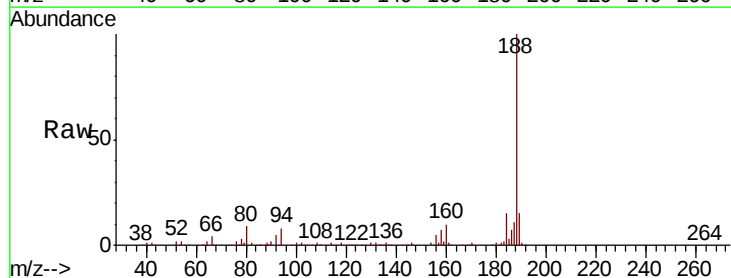


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

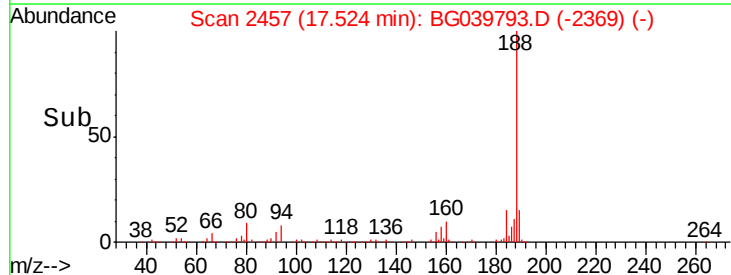
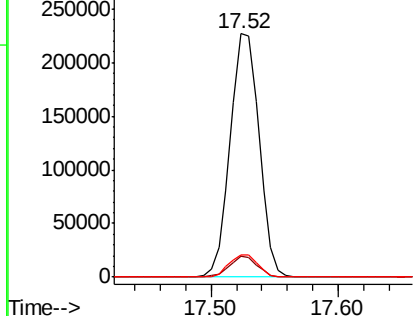


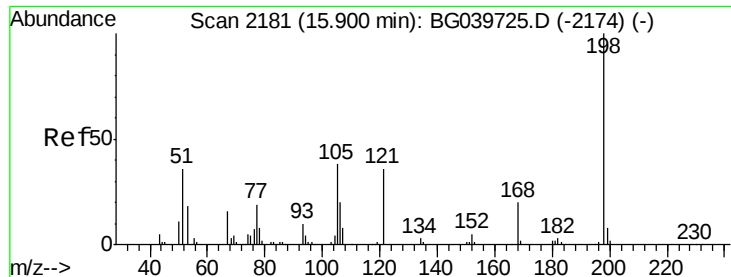
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.52 min Scan# 2457  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion: 188 Resp: 357705  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.9 10.3  
80 9.1 8.1 12.1



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: 7.387 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

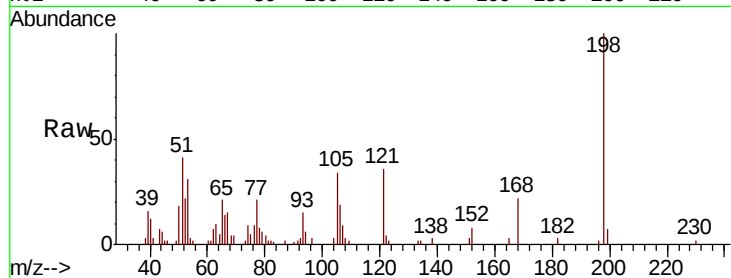
Tgt Ion:198 Resp: 15623

Ion Ratio Lower Upper

198 100

51 41.1 27.4 67.4

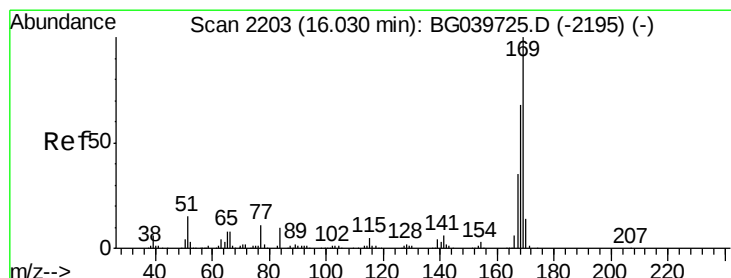
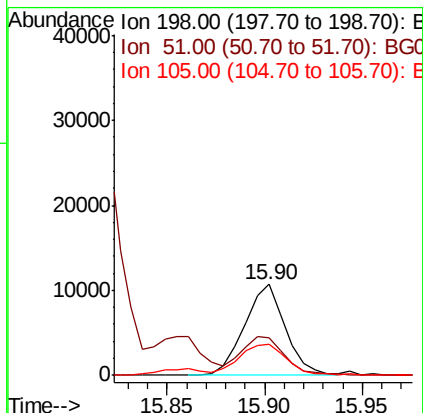
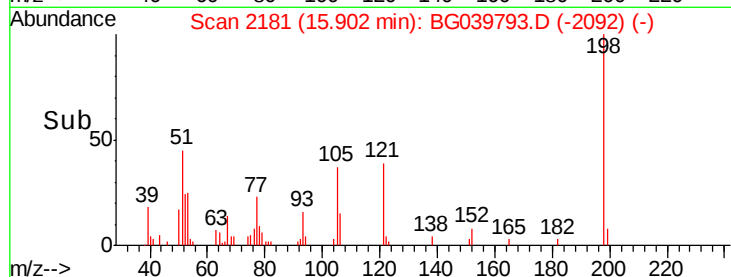
105 33.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039725.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BG039725.D (-2174) (-)



#66

n-Nitrosodiphenylamine

Concen: 40.265 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

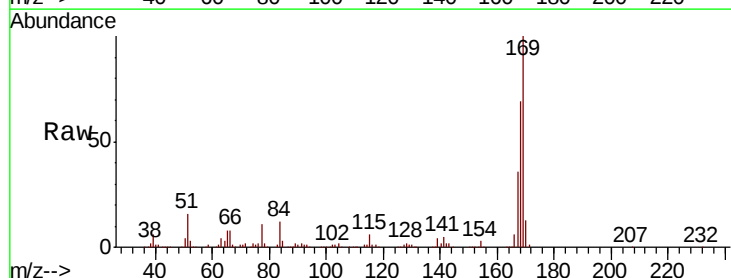
Tgt Ion:169 Resp: 416966

Ion Ratio Lower Upper

169 100

168 68.7 56.6 85.0

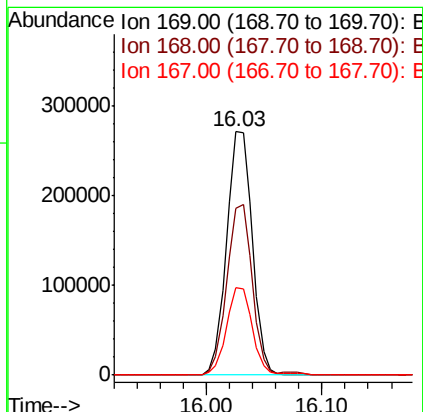
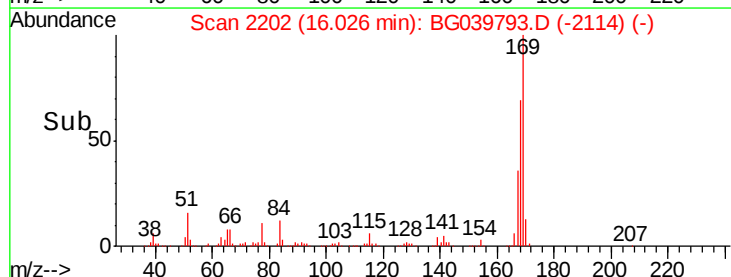
167 35.8 28.8 43.2

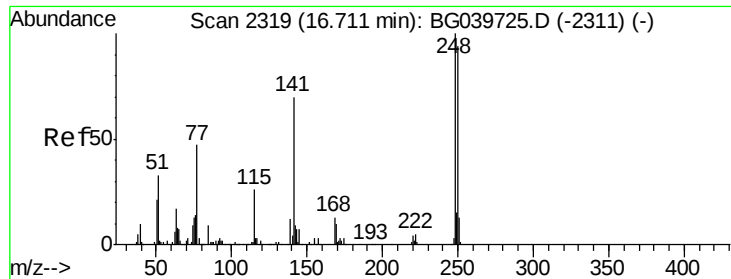


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG039725.D (-2195) (-)

Ion 167.00 (166.70 to 167.70): BG039725.D (-2195) (-)

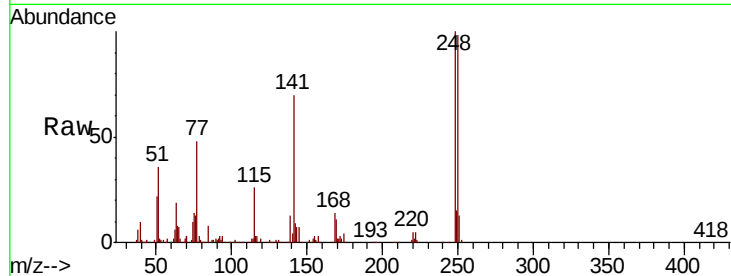




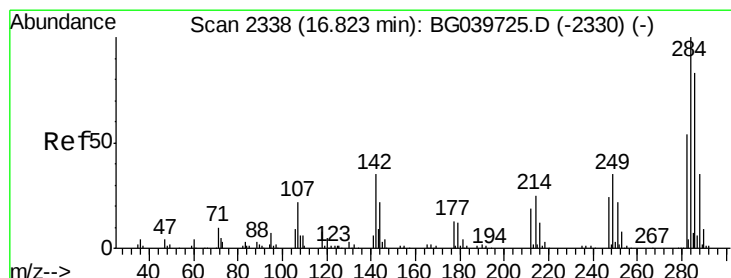
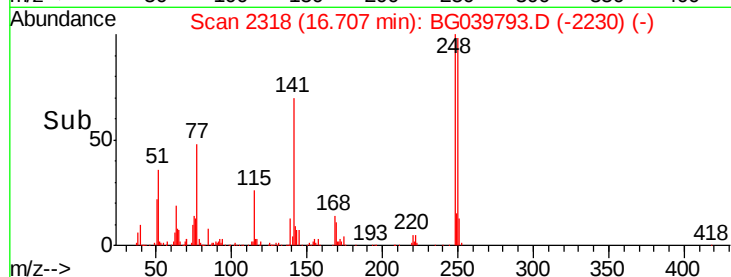
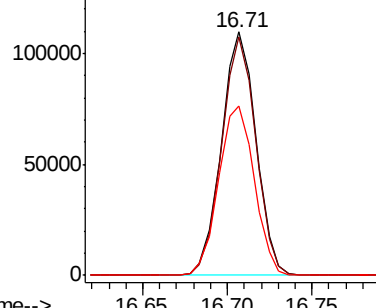
#67  
4-Bromophenyl-phenylether  
Concen: 39.076 ng  
RT: 16.71 min Scan# 2318  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampled :  
S10MSD

Tgt Ion:248 Resp: 156457  
Ion Ratio Lower Upper  
248 100  
250 98.1 77.6 116.4  
141 69.7 63.9 95.9

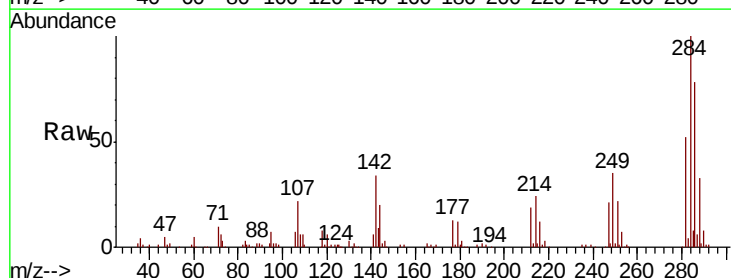


Abundance Ion 248.00 (247.70 to 248.70): E  
150000 Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

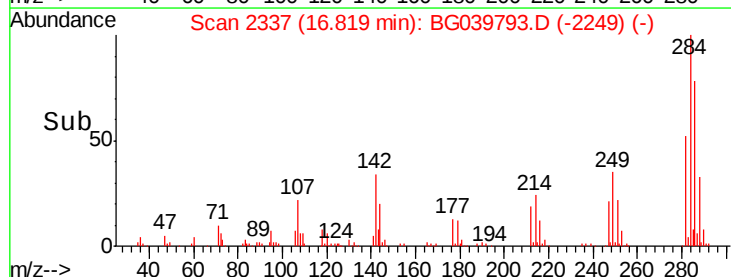
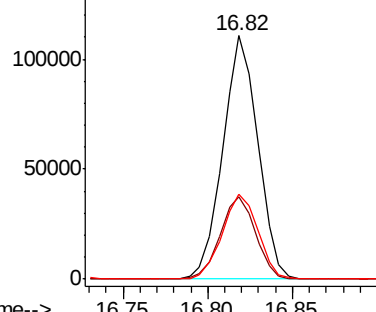


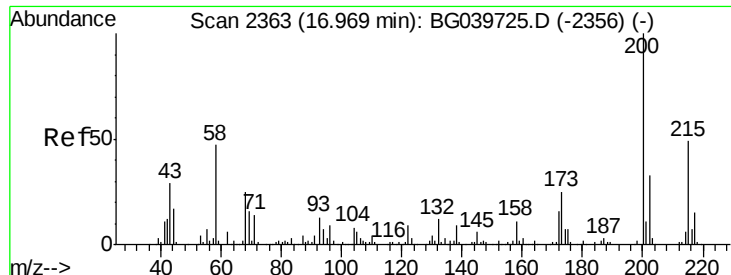
#68  
Hexachlorobenzene  
Concen: 38.451 ng  
RT: 16.82 min Scan# 2337  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion:284 Resp: 159584  
Ion Ratio Lower Upper  
284 100  
142 33.7 30.6 45.8  
249 34.7 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E  
150000 Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.906 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

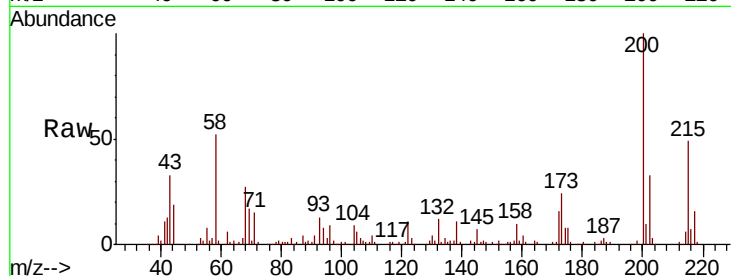
Tgt Ion:200 Resp: 166716

Ion Ratio Lower Upper

200 100

173 23.9 3.9 43.9

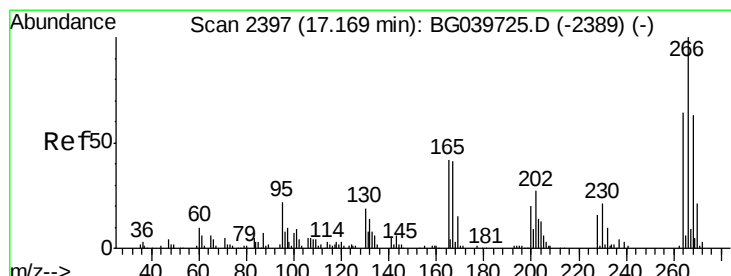
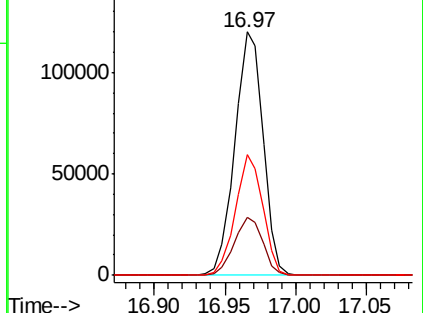
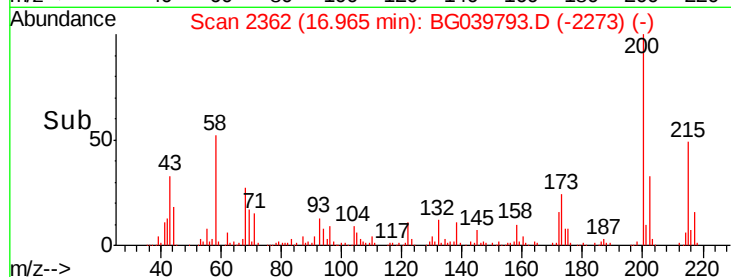
215 49.4 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 30.508 ng

RT: 17.17 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

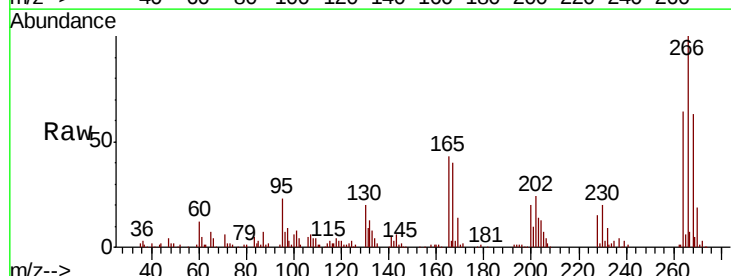
Tgt Ion:266 Resp: 79965

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

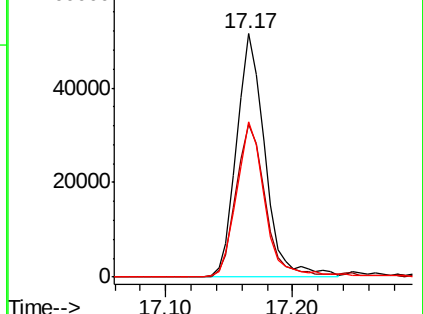
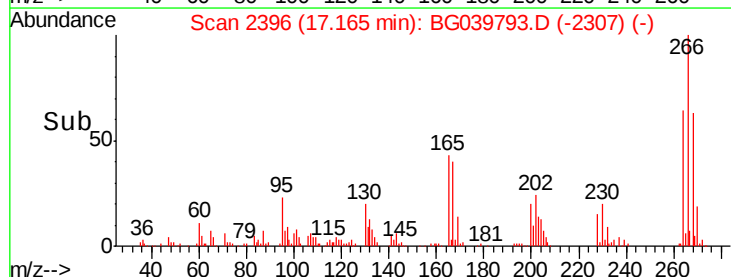
264 63.6 52.1 78.1

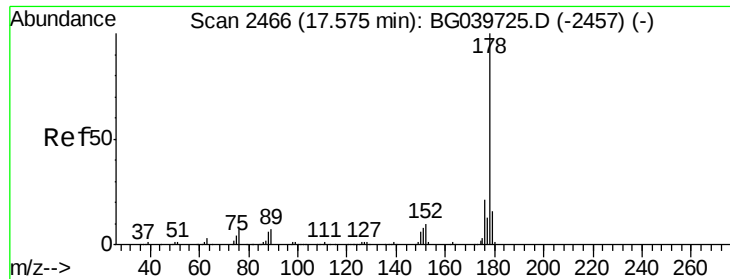


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

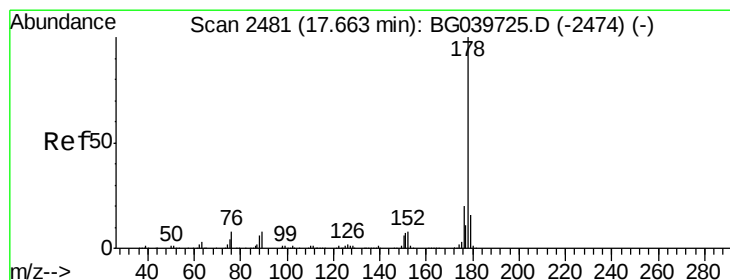
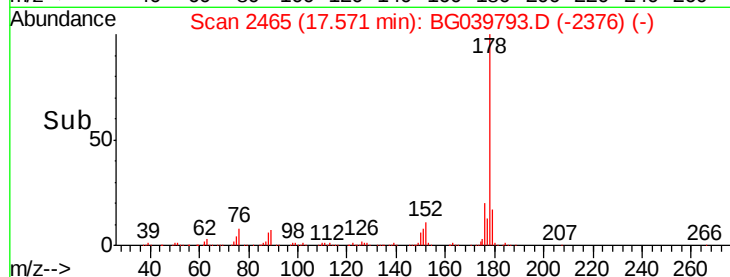
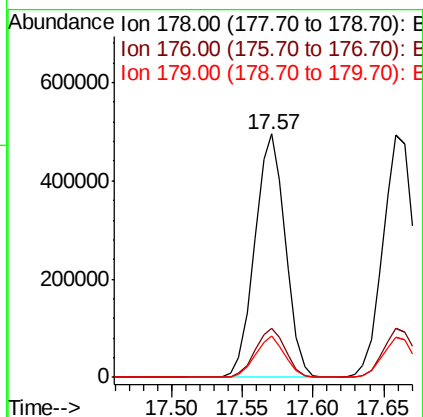
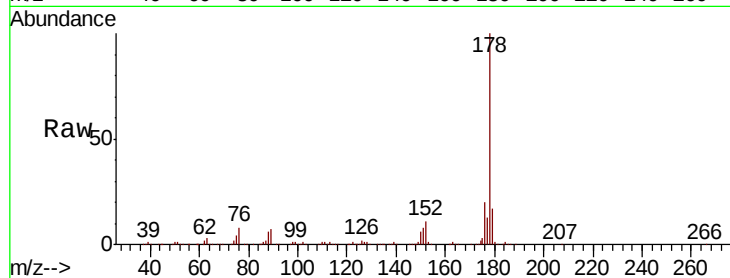




#71  
Phenanthrene  
Concen: 38.138 ng  
RT: 17.57 min Scan# 2465  
Delta R.T. -0.00 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

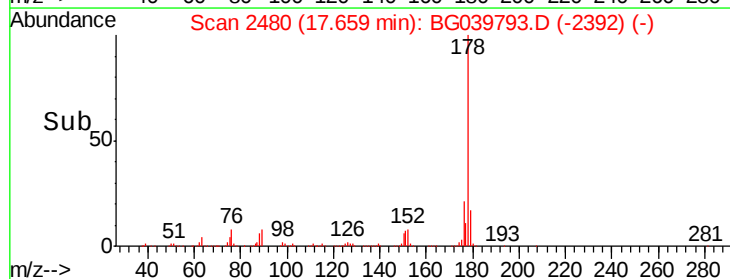
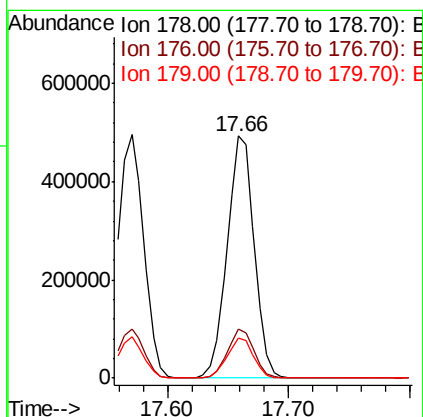
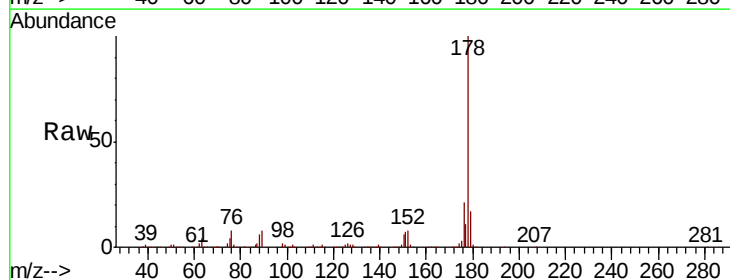
Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

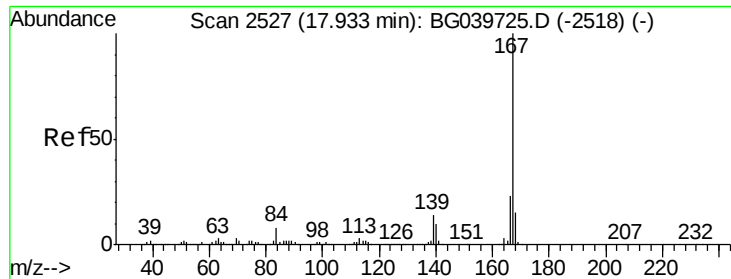
Tgt Ion:178 Resp: 751432  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.2 24.4  
179 16.8 12.6 19.0



#72  
Anthracene  
Concen: 39.759 ng  
RT: 17.66 min Scan# 2480  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion:178 Resp: 763374  
Ion Ratio Lower Upper  
178 100  
176 20.5 15.8 23.6  
179 16.6 12.5 18.7

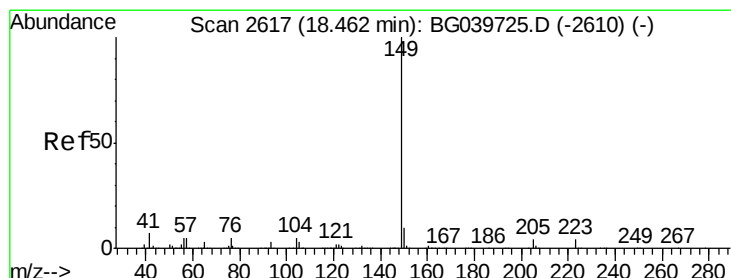
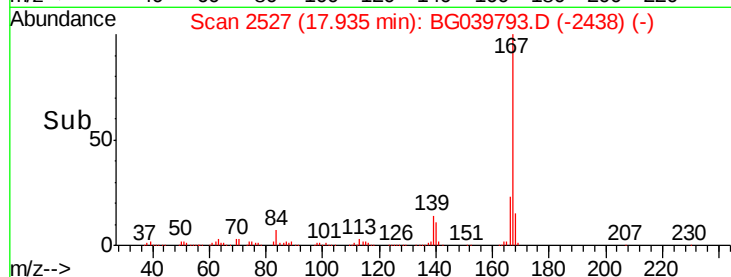
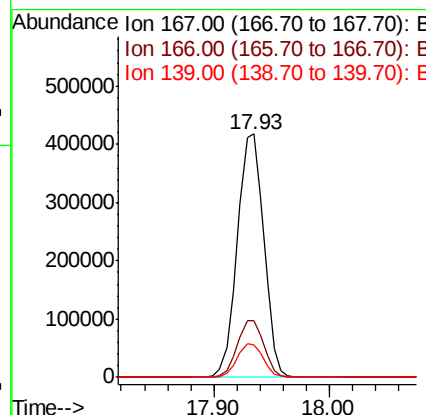
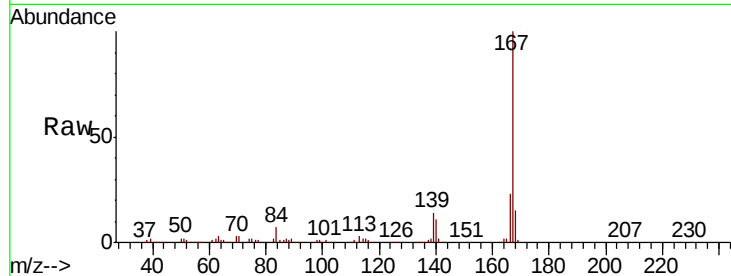




#73  
 Carbazole  
 Concen: 38.374 ng  
 RT: 17.93 min Scan# 2527  
 Delta R.T. -0.00 min  
 Lab File: BG039793.D  
 Acq: 6 Mar 2019 18:46

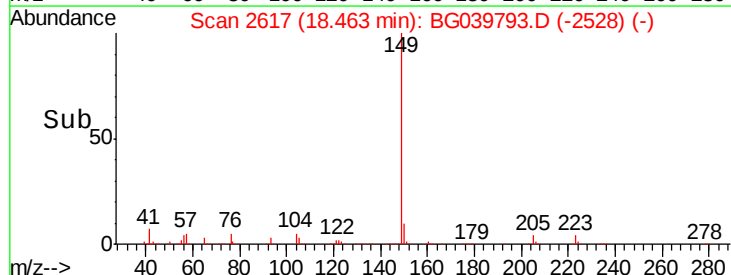
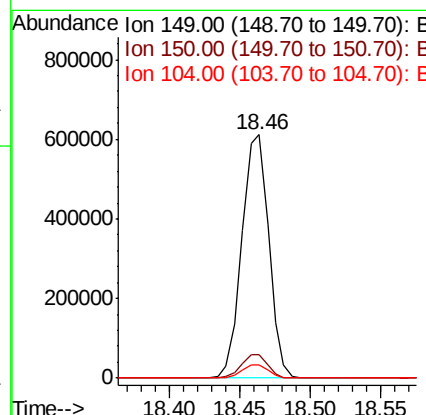
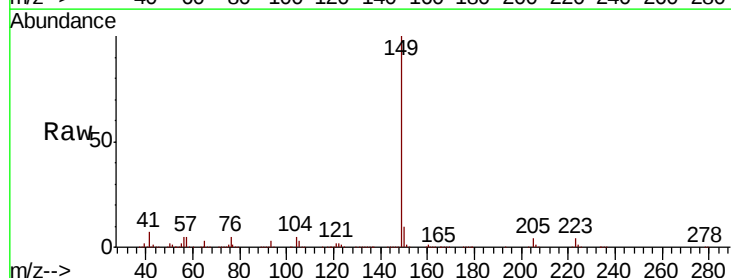
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S10MSD

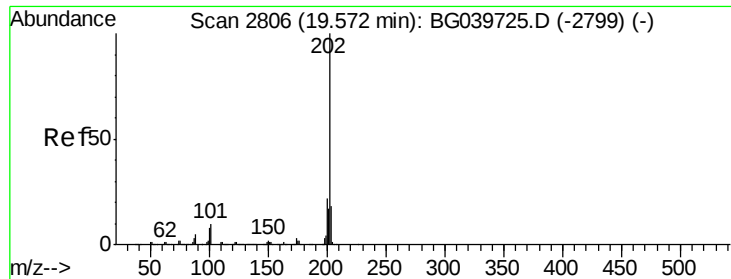
Tgt Ion:167 Resp: 664215  
 Ion Ratio Lower Upper  
 167 100  
 166 23.3 19.4 29.2  
 139 13.6 10.8 16.2



#74  
 Di-n-butylphthalate  
 Concen: 40.009 ng  
 RT: 18.46 min Scan# 2617  
 Delta R.T. -0.00 min  
 Lab File: BG039793.D  
 Acq: 6 Mar 2019 18:46

Tgt Ion:149 Resp: 814796  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.7 11.5  
 104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 38.213 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

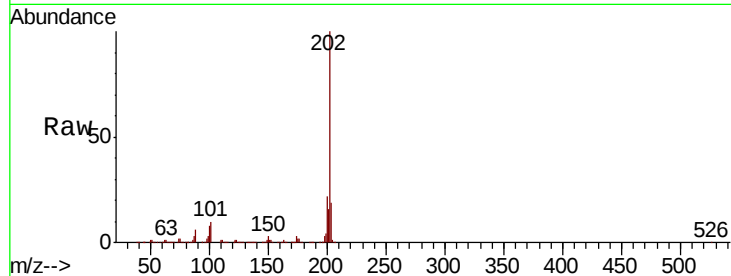
Instrument :

BNA\_G

ClientSampleId :

S10MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 889809 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 9.9   | 0.0   | 30.0   |
| 203      | 18.6  | 0.0   | 38.9   |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

600000

400000

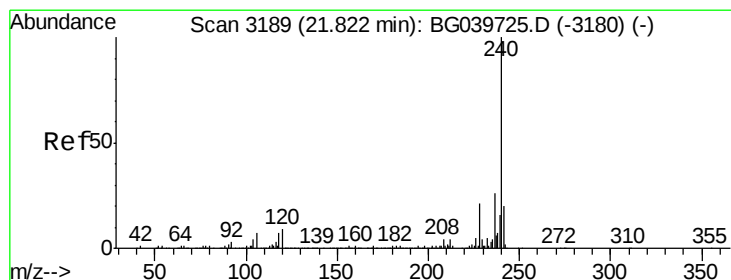
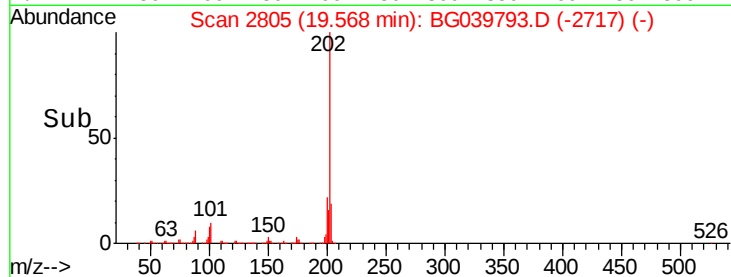
200000

0

19.57

19.50 19.60 19.70

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

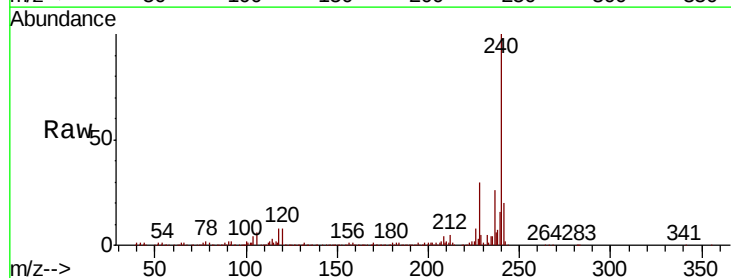
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 350632 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 8.4   | 7.0   | 10.6   |
| 236      | 26.4  | 21.0  | 31.4   |



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

250000

200000

150000

100000

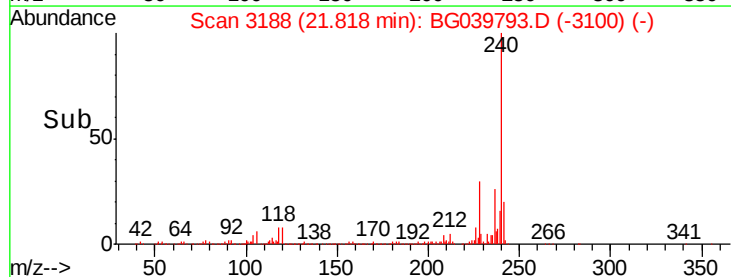
50000

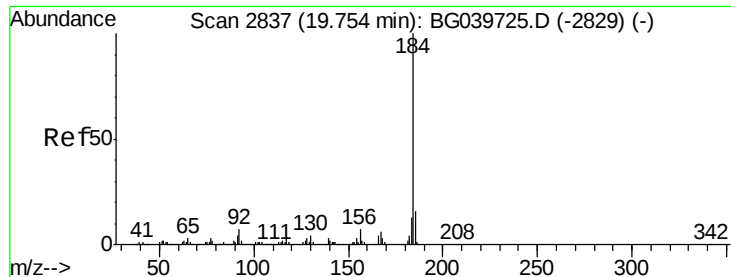
0

21.82

21.80 21.90

Time-->

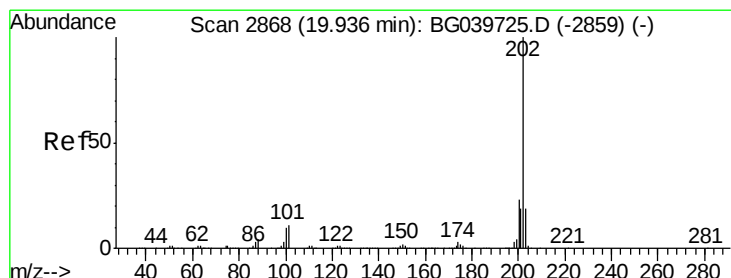
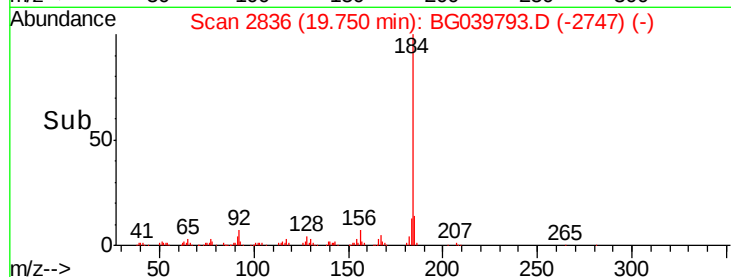
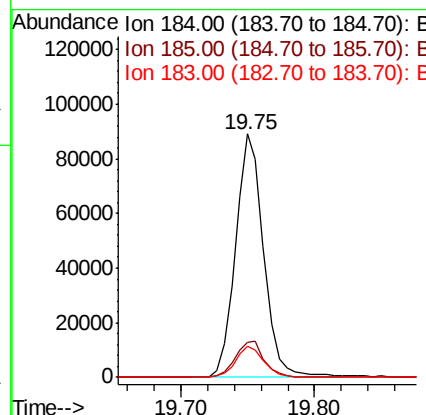
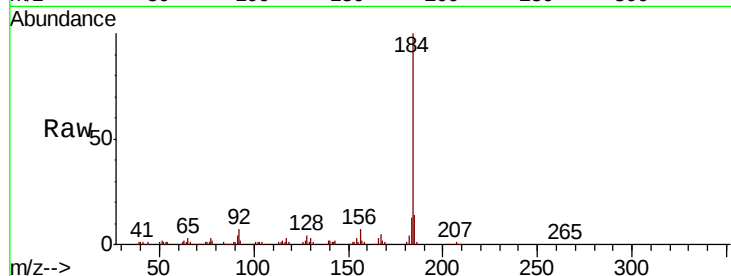




#77  
Benzidine  
Concen: 11.701 ng  
RT: 19.75 min Scan# 2836  
Delta R.T. -0.00 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

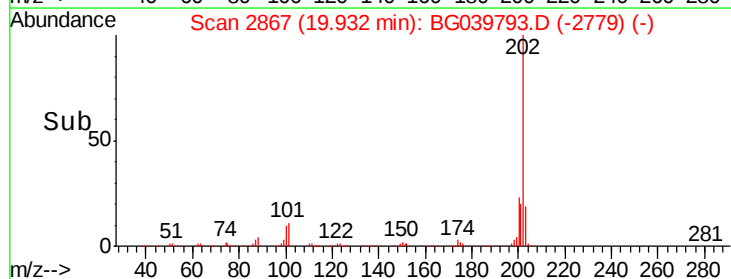
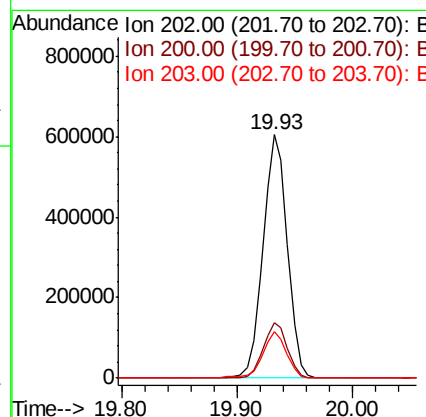
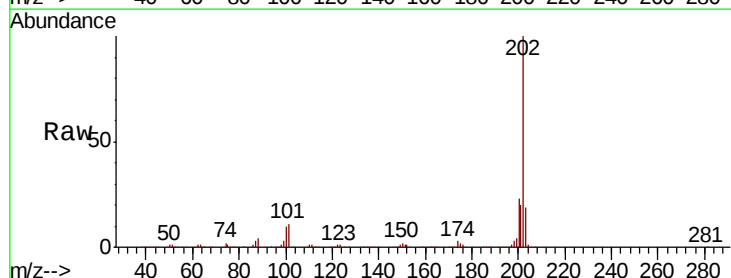
Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

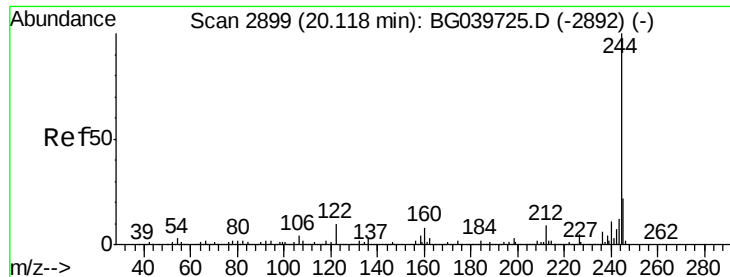
Tgt Ion:184 Resp: 130188  
Ion Ratio Lower Upper  
184 100  
185 14.1 12.2 18.2  
183 12.7 10.6 15.8



#78  
Pyrene  
Concen: 38.884 ng  
RT: 19.93 min Scan# 2867  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion:202 Resp: 885944  
Ion Ratio Lower Upper  
202 100  
200 23.0 17.8 26.8  
203 19.2 15.3 22.9





#79

Terphenyl-d14

Concen: 79.585 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

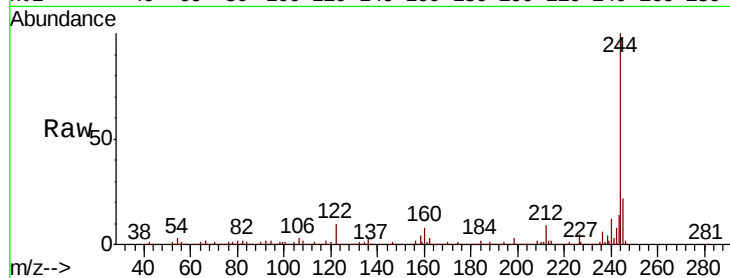
Tgt Ion:244 Resp: 1267373

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

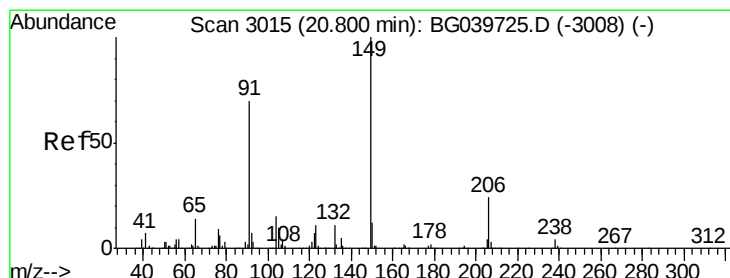
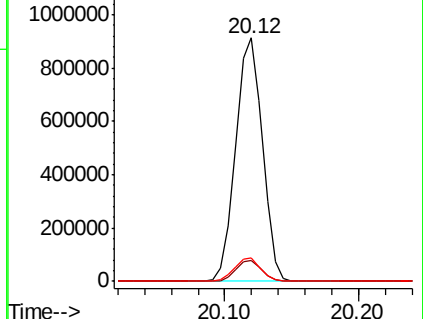
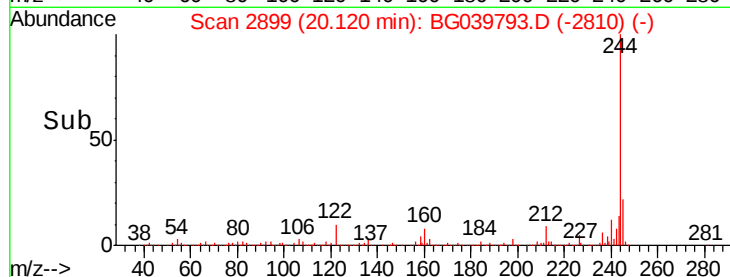
122 9.5 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.038 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

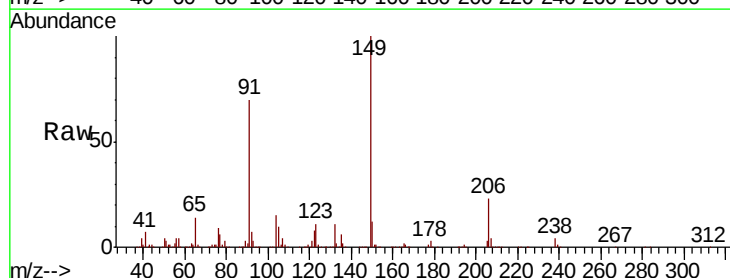
Tgt Ion:149 Resp: 371075

Ion Ratio Lower Upper

149 100

91 70.3 59.5 89.3

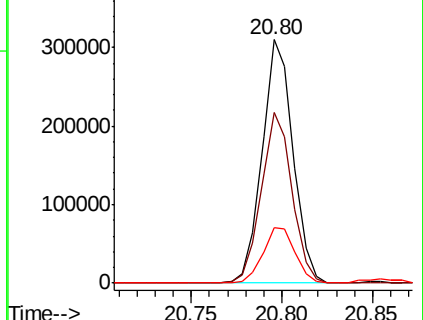
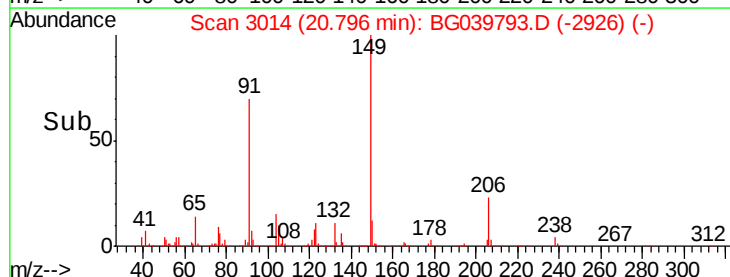
206 23.0 18.6 27.8

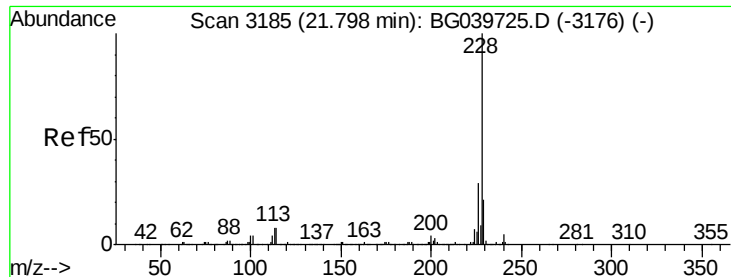


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

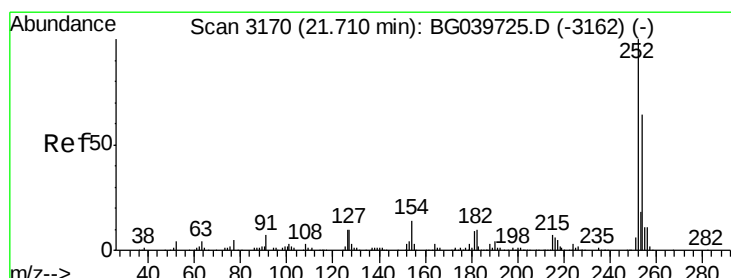
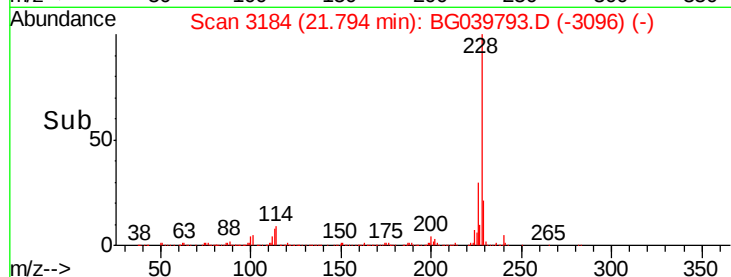
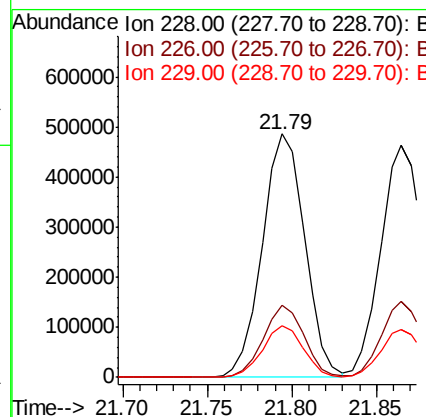
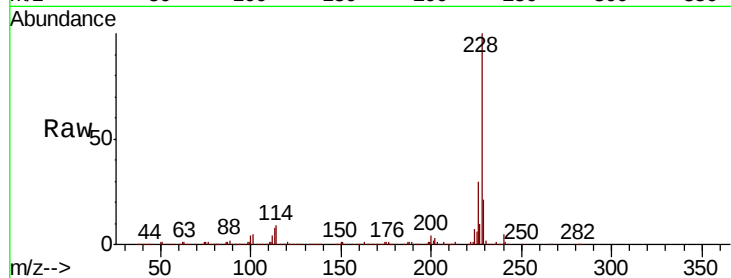




#81  
Benzo(a)anthracene  
Concen: 38.324 ng  
RT: 21.79 min Scan# 3184  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

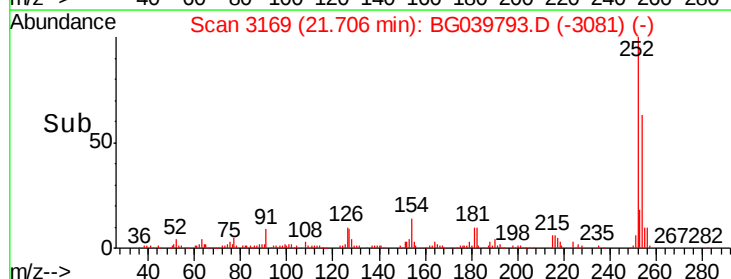
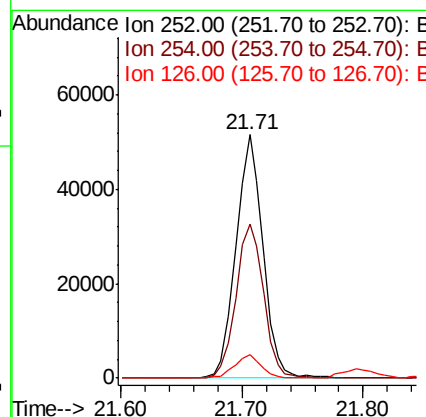
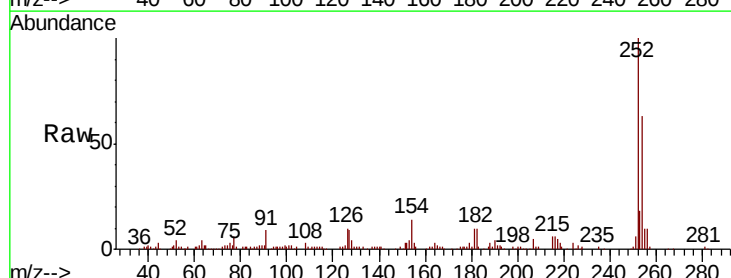
Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

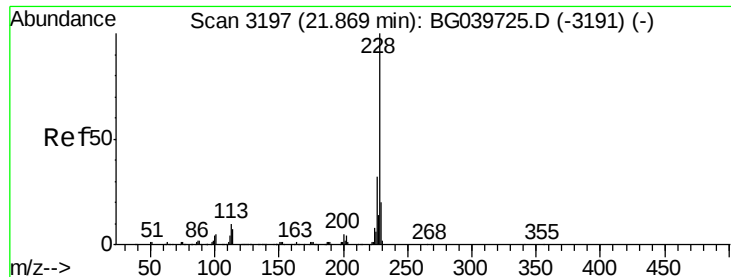
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 23.0  | 34.6  |
| 229     | 21.3  | 16.9  | 25.3  |



#82  
3,3'-Dichlorobenzidine  
Concen: 9.948 ng  
RT: 21.71 min Scan# 3169  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.2  | 51.3  | 76.9  |
| 126     | 9.5   | 8.0   | 12.0  |





#83

Chrysene

Concen: 37.770 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

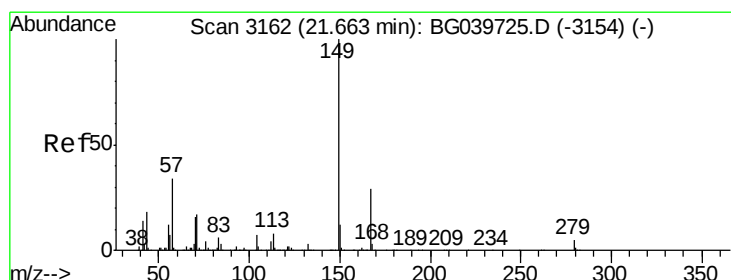
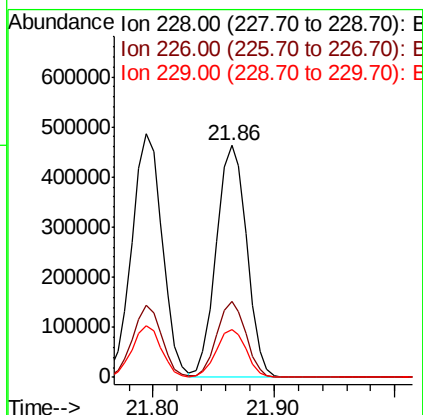
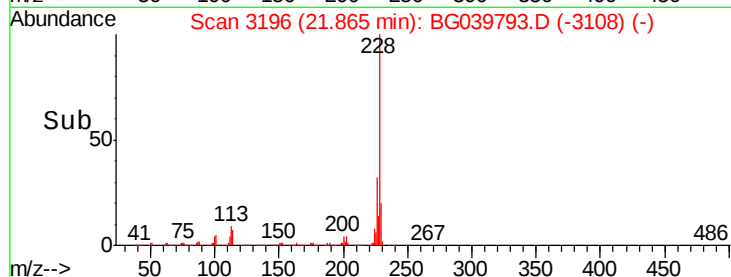
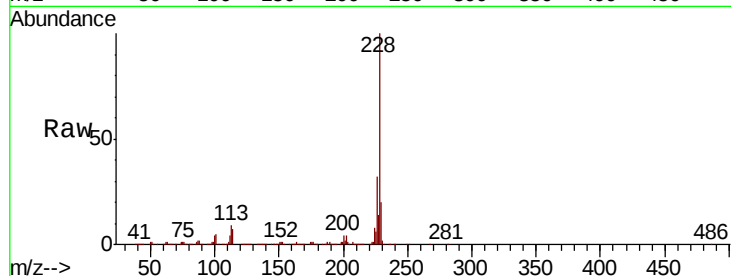
Tgt Ion:228 Resp: 804668

Ion Ratio Lower Upper

228 100

226 32.5 25.8 38.6

229 20.5 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.588 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

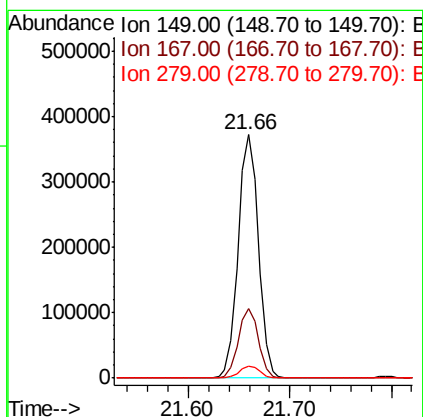
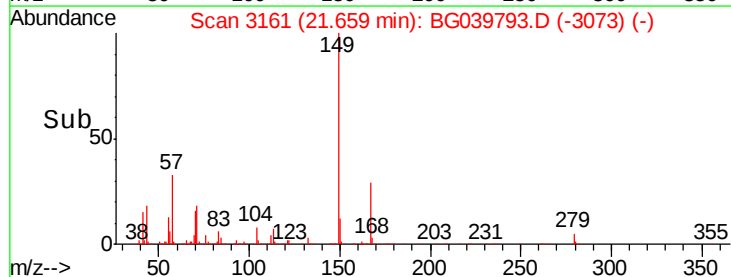
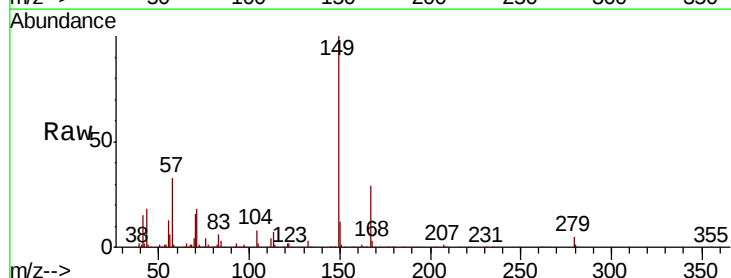
Tgt Ion:149 Resp: 515878

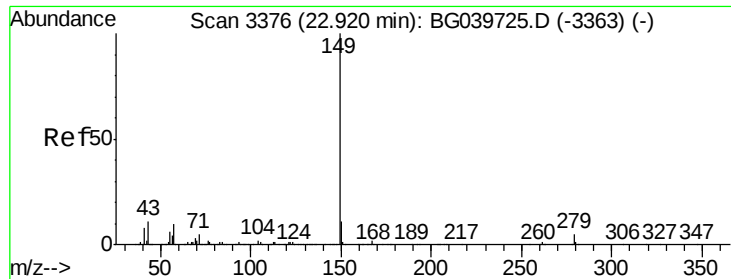
Ion Ratio Lower Upper

149 100

167 28.8 22.6 34.0

279 4.7 3.5 5.3

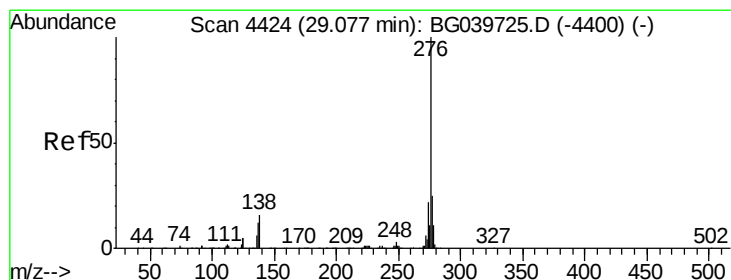
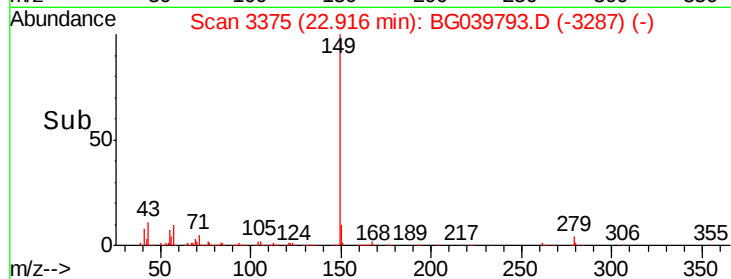
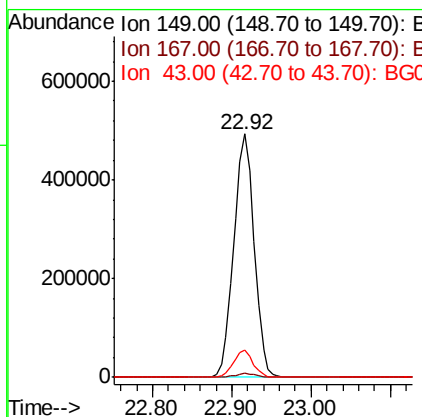
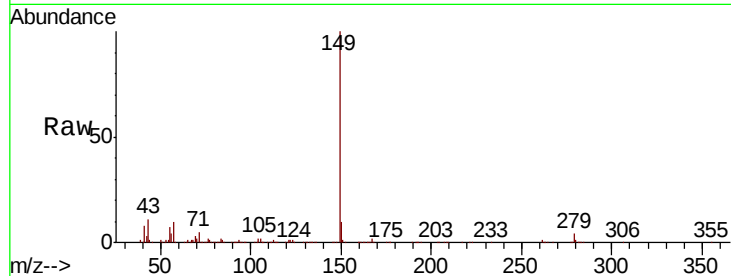




#85  
Di-n-octyl phthalate  
Concen: 42.684 ng  
RT: 22.92 min Scan# 3375  
Delta R.T. -0.01 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

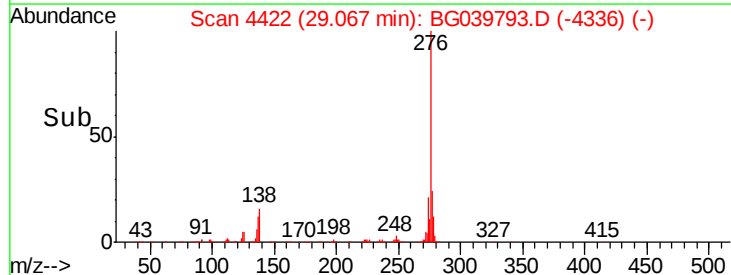
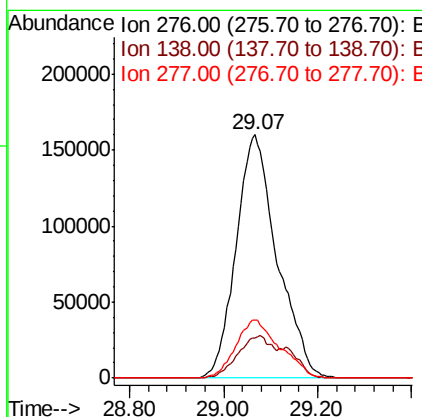
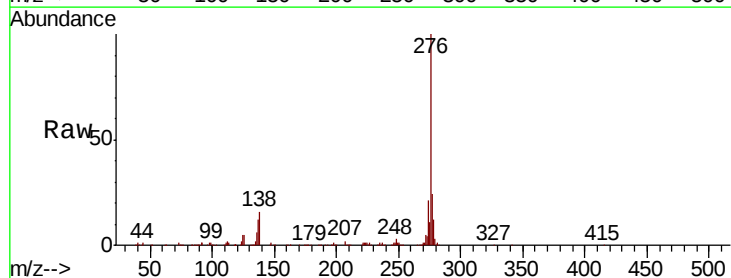
Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

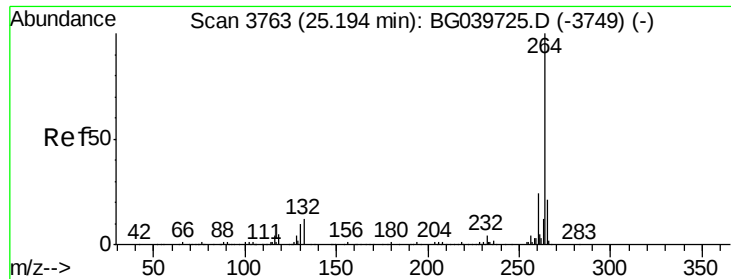
Tgt Ion:149 Resp: 876674  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.7 10.2 15.4



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 40.127 ng  
RT: 29.07 min Scan# 4422  
Delta R.T. -0.02 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Tgt Ion:276 Resp: 969813  
Ion Ratio Lower Upper  
276 100  
138 14.6 12.6 19.0  
277 25.8 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

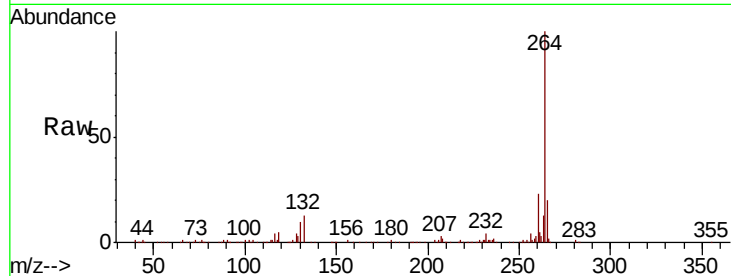
Tgt Ion:264 Resp: 361269

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

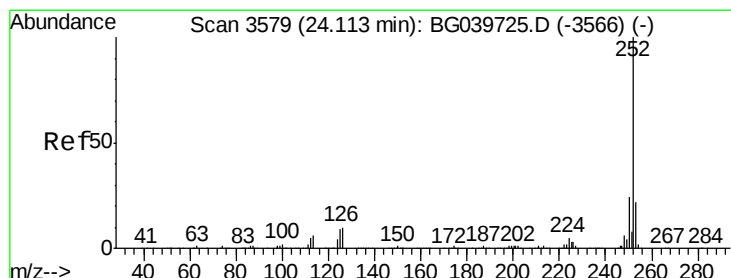
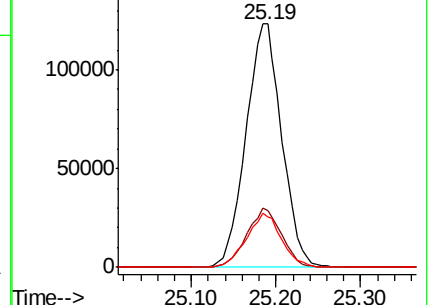
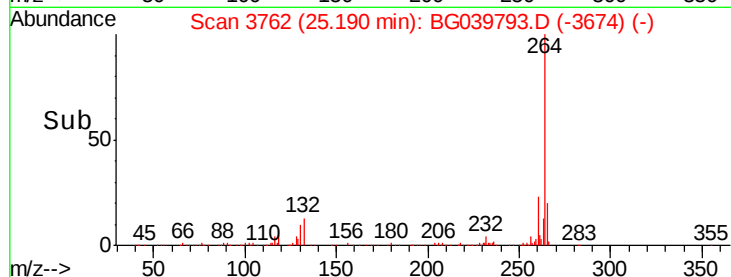
265 20.4 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.447 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

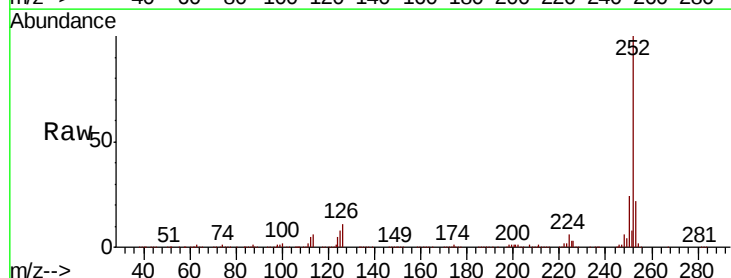
Tgt Ion:252 Resp: 849822

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

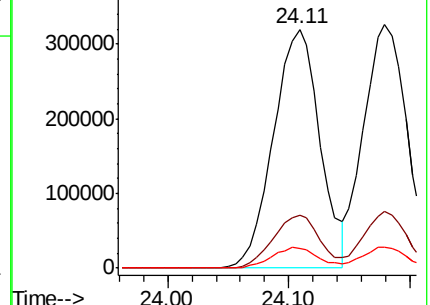
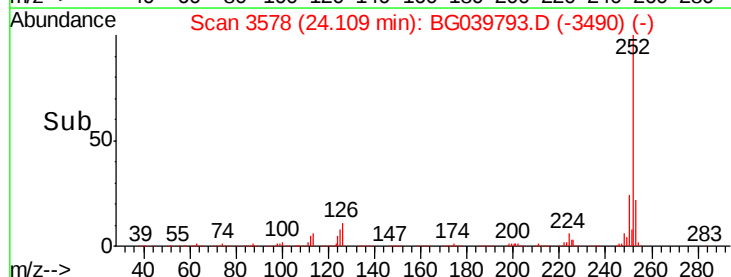
125 8.1 7.8 11.6

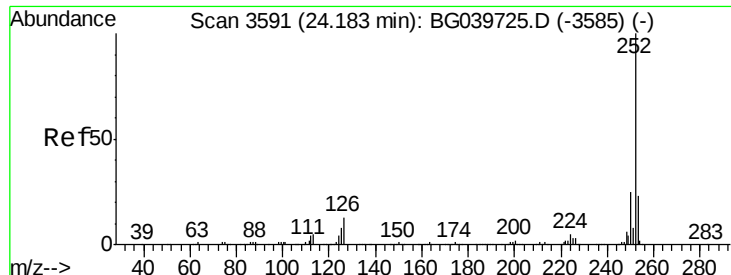


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.233 ng

RT: 24.18 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

Instrument :

BNA\_G

ClientSampleId :

S10MSD

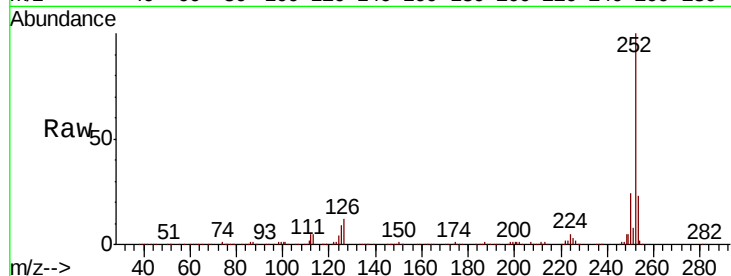
Tgt Ion:252 Resp: 806811

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

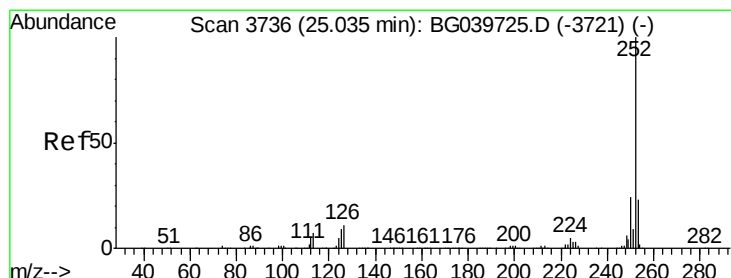
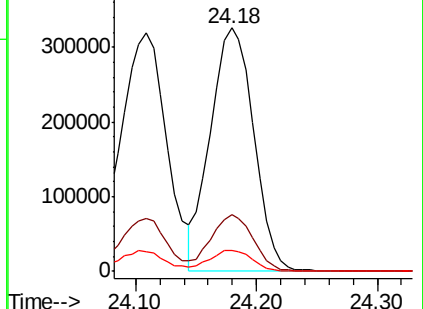
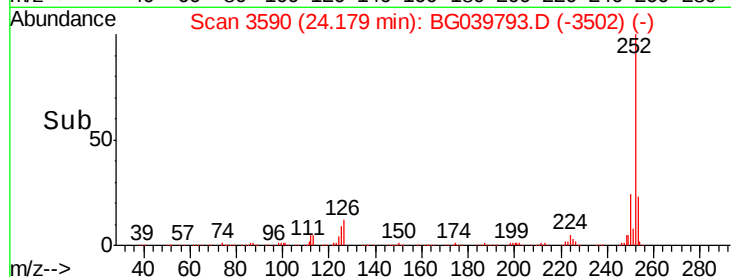
125 8.8 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.816 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG039793.D

Acq: 6 Mar 2019 18:46

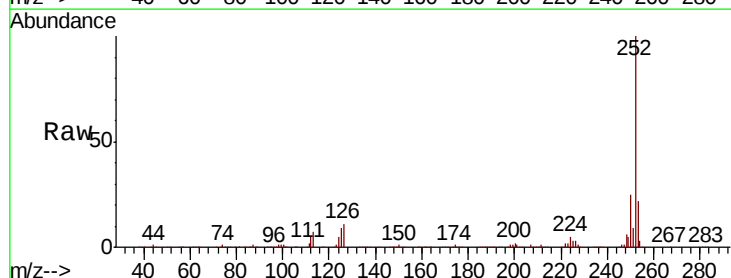
Tgt Ion:252 Resp: 812527

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

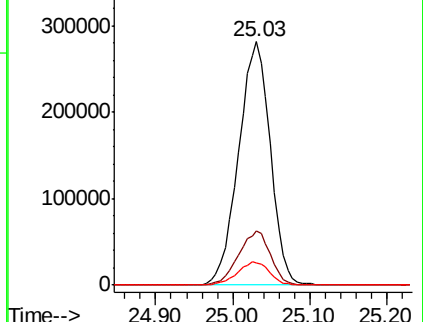
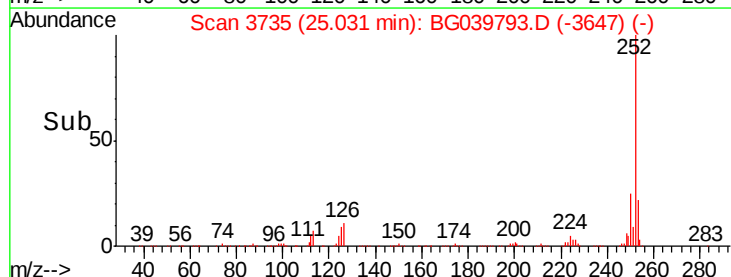
125 9.0 8.3 12.5

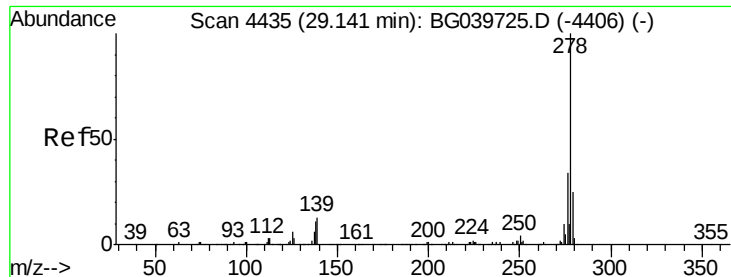


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

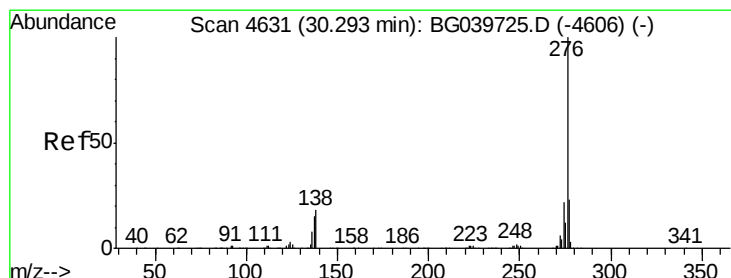
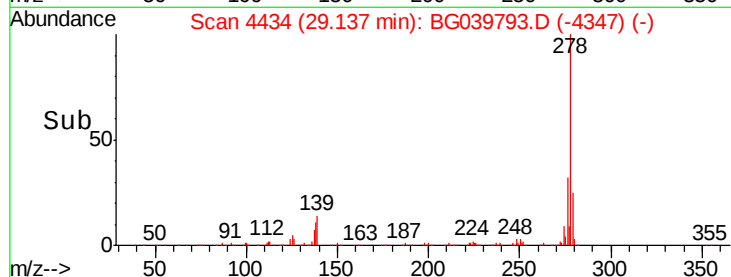
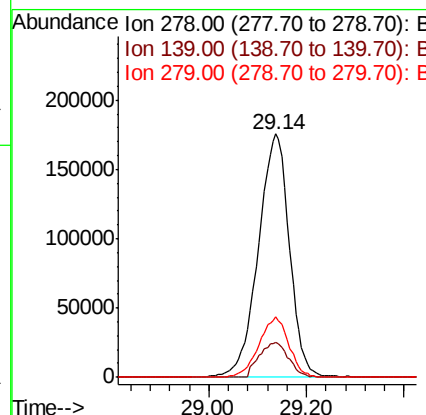
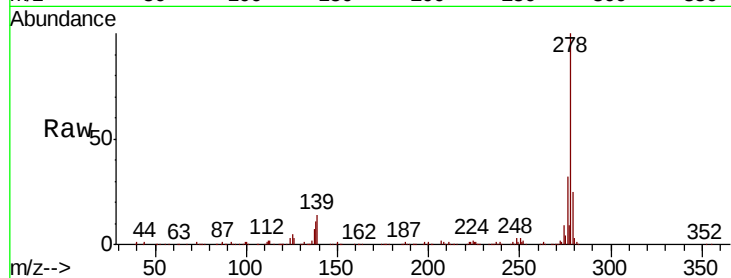




#91  
Dibenzo(a,h)anthracene  
Concen: 40.010 ng  
RT: 29.14 min Scan# 4434  
Delta R.T. -0.02 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

Instrument :  
BNA\_G  
ClientSampleId :  
S10MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.2  | 11.7  | 17.5  |
| 279     | 24.9  | 19.1  | 28.7  |



#92  
Benzo(g,h,i)perylene  
Concen: 40.669 ng  
RT: 30.29 min Scan# 4631  
Delta R.T. -0.02 min  
Lab File: BG039793.D  
Acq: 6 Mar 2019 18:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 19.6  | 29.4  |
| 138     | 16.0  | 14.7  | 22.1  |

