

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG082919\  
 Data File : BG042575.D  
 Acq On : 29 Aug 2019 21:27  
 Operator : HP/JU  
 Sample : K4549-02MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

Quant Time: Aug 30 05:35:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG082219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 14:29:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.99  | 152  | 35072    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.82 | 136  | 132209   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 96148    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.41 | 188  | 223696   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.69 | 240  | 243346   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.93 | 264  | 296263   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 253878 | 146.61 | ng | 0.00 |
| 7) Phenol-d6             | 7.17  | 99  | 340022 | 145.36 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.17  | 82  | 192114 | 100.42 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.16 | 330 | 208086 | 152.27 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.28 | 172 | 559324 | 98.39  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.02 | 244 | 992643 | 88.19  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.42  | 88  | 26144  | 36.177 | ng | 94     |
| 3) Pyridine                    | 3.82  | 79  | 59835  | 32.289 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.73  | 42  | 31799  | 48.045 | ng | 91     |
| 6) Aniline                     | 7.31  | 93  | 98605  | 31.605 | ng | 99     |
| 8) 2-Chlorophenol              | 7.57  | 128 | 105830 | 50.427 | ng | 99     |
| 9) Benzaldehyde                | 7.12  | 77  | 58496  | 49.951 | ng | 96     |
| 10) Phenol                     | 7.20  | 94  | 125410 | 52.731 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.41  | 93  | 84538  | 45.260 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 121372 | 45.461 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 122524 | 45.307 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146 | 117268 | 45.281 | ng | 98     |
| 15) Benzyl Alcohol             | 8.24  | 79  | 81665  | 48.527 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 107854 | 42.603 | ng | 98     |
| 17) 2-Methylphenol             | 8.45  | 107 | 84207  | 48.070 | ng | 93     |
| 18) Hexachloroethane           | 9.09  | 117 | 41176  | 44.476 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 66134  | 43.641 | ng | 93     |
| 20) 3+4-Methylphenols          | 8.78  | 107 | 115040 | 47.459 | ng | 98     |
| 22) Acetophenone               | 8.82  | 105 | 147161 | 52.042 | ng | 97     |
| 24) Nitrobenzene               | 9.21  | 77  | 98500  | 50.842 | ng | 99     |
| 25) Isophorone                 | 9.73  | 82  | 183166 | 48.511 | ng | 100    |
| 26) 2-Nitrophenol              | 9.93  | 139 | 63933  | 52.659 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 97287  | 58.172 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 114319 | 48.038 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 120729 | 55.175 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 137383 | 51.153 | ng | 96     |
| 31) Naphthalene                | 10.87 | 128 | 314580 | 51.250 | ng | 99     |
| 32) Benzoic acid               | 10.16 | 122 | 54891  | 45.697 | ng | 93     |
| 33) 4-Chloroaniline            | 10.98 | 127 | 54788  | 19.336 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.16 | 225 | 92661  | 51.336 | ng | 98     |
| 35) Caprolactam                | 11.76 | 113 | 16136  | 22.100 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 109273 | 52.607 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 253356 | 51.405 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 236856 | 50.593 | ng | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 171820 | 55.647 | ng | 100    |

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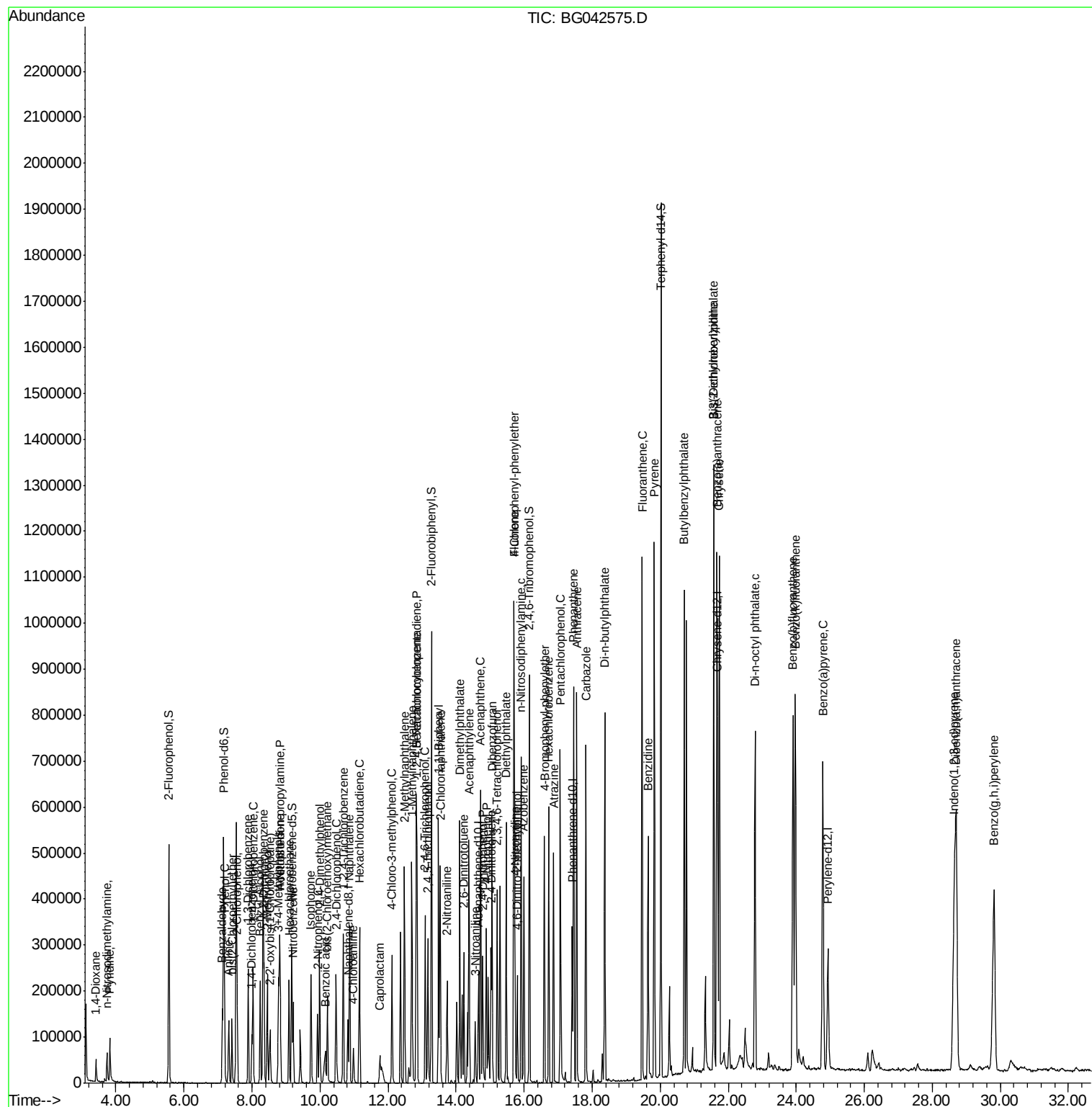
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.84 | 237  | 179526   | 110.688 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 111194   | 53.278  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 119441   | 55.226  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 330331   | 53.150  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 275296   | 51.370  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.73 | 65   | 61673    | 47.724  | ng    | 99       |
| 49) Acenaphthylene             | 14.38 | 152  | 427418   | 53.013  | ng    | 99       |
| 50) Dimethylphthalate          | 14.11 | 163  | 431469   | 62.194  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 83958    | 52.211  | ng    | 95       |
| 52) Acenaphthene               | 14.72 | 154  | 249296   | 50.922  | ng    | 98       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 46440    | 28.877  | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 104536   | 95.151  | ng    | 99       |
| 55) Dibenzofuran               | 15.06 | 168  | 430674   | 53.145  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 123582   | 108.145 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 15.03 | 165  | 117591   | 51.067  | ng    | 97       |
| 58) Fluorene                   | 15.71 | 166  | 348756   | 52.647  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.21 | 232  | 114314   | 53.447  | ng    | 99       |
| 60) Diethylphthalate           | 15.47 | 149  | 336964   | 49.687  | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 208239   | 52.148  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 85818    | 49.860  | ng    | 94       |
| 63) Azobenzene                 | 15.99 | 77   | 232752   | 50.086  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 81865    | 58.372  | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 324237   | 52.706  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 147180   | 51.871  | ng    | 98       |
| 68) Hexachlorobenzene          | 16.73 | 284  | 155061   | 50.271  | ng    | 99       |
| 69) Atrazine                   | 16.87 | 200  | 125027   | 57.471  | ng    | 97       |
| 70) Pentachlorophenol          | 17.07 | 266  | 190911   | 119.121 | ng    | 98       |
| 71) Phenanthrene               | 17.45 | 178  | 594405   | 53.495  | ng    | 99       |
| 72) Anthracene                 | 17.55 | 178  | 609689   | 54.964  | ng    | 99       |
| 73) Carbazole                  | 17.81 | 167  | 539386   | 54.560  | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.37 | 149  | 619644   | 53.023  | ng    | 100      |
| 75) Fluoranthene               | 19.47 | 202  | 779255   | 57.465  | ng    | 97       |
| 77) Benzidine                  | 19.65 | 184  | 385233   | 55.216  | ng    | 98       |
| 78) Pyrene                     | 19.83 | 202  | 784624   | 52.591  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 287810   | 49.046  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.67 | 228  | 787320   | 53.186  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 244635   | 41.090  | ng    | 97       |
| 83) Chrysene                   | 21.74 | 228  | 764636   | 53.559  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 420088   | 51.560  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 727927   | 51.946  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.65 | 276  | 1032662  | 53.227  | ng    | # 98     |
| 88) Benzo(b)fluoranthene       | 23.91 | 252  | 887710   | 54.503  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.98 | 252  | 843998   | 53.910  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.79 | 252  | 866500   | 56.065  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.71 | 278  | 851110   | 54.388  | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.82 | 276  | 862501   | 55.108  | ng    | 98       |

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

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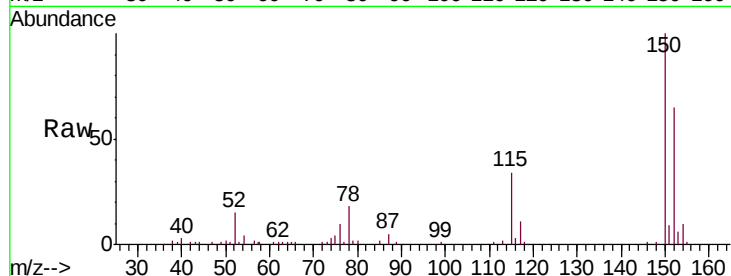


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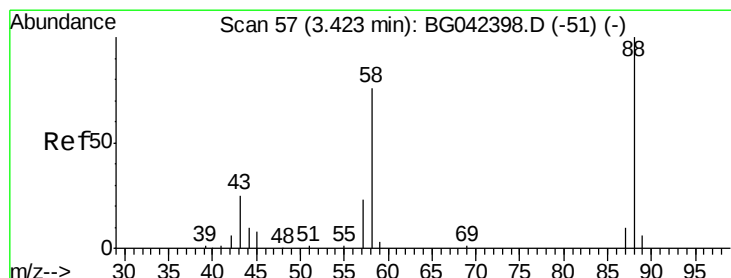
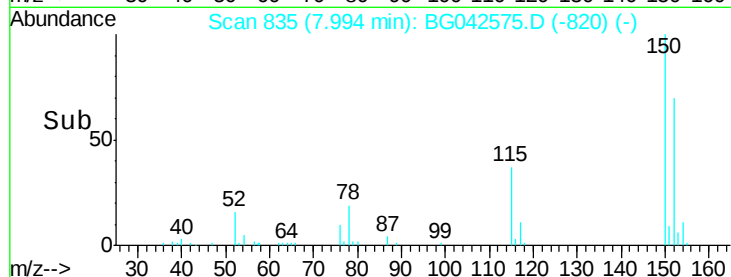
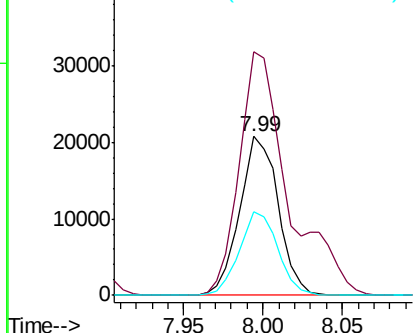
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.99 min Scan# 835  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

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BNA\_G  
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S700A-N-1.0-1.5-082619MS

Tgt Ion:152 Resp: 35072  
Ion Ratio Lower Upper  
152 100  
150 153.2 125.4 188.0  
115 52.5 38.5 57.7



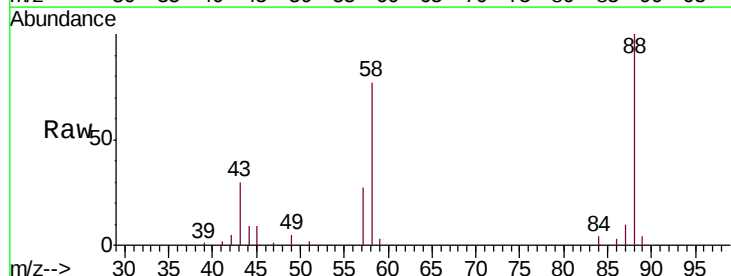
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



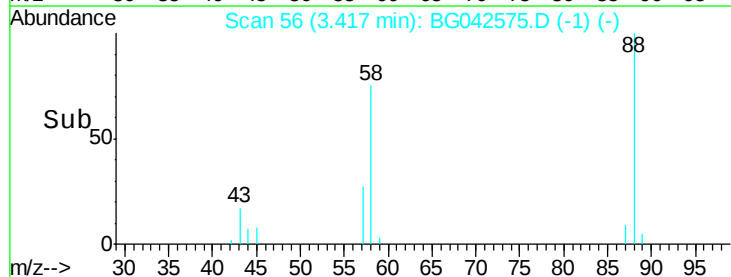
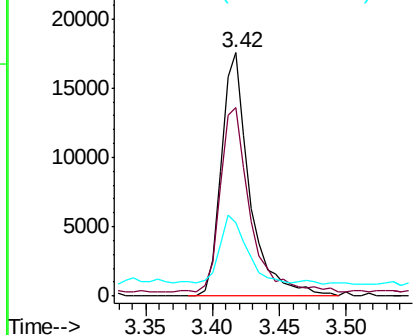
#2

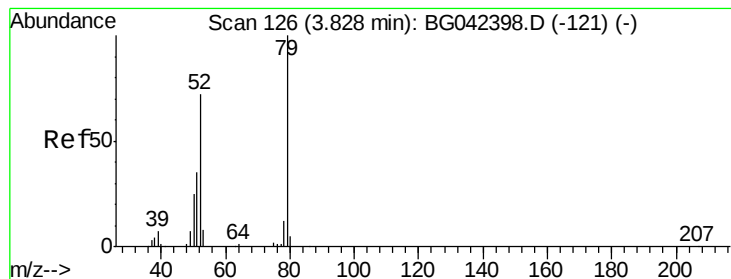
1,4-Dioxane  
Concen: 36.177 ng  
RT: 3.42 min Scan# 56  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

Tgt Ion: 88 Resp: 26144  
Ion Ratio Lower Upper  
88 100  
58 79.5 58.3 87.5  
43 25.6 20.2 30.2



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





#3

Pyridine

Concen: 32.289 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

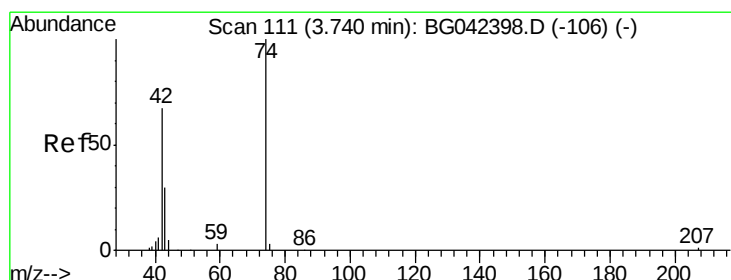
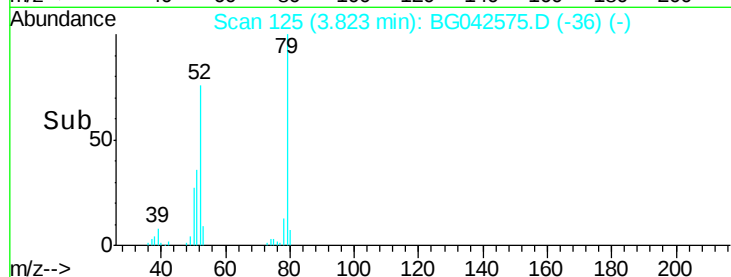
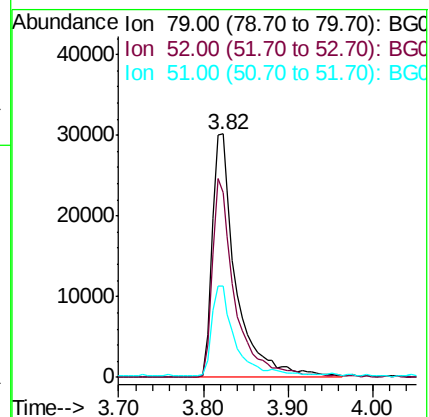
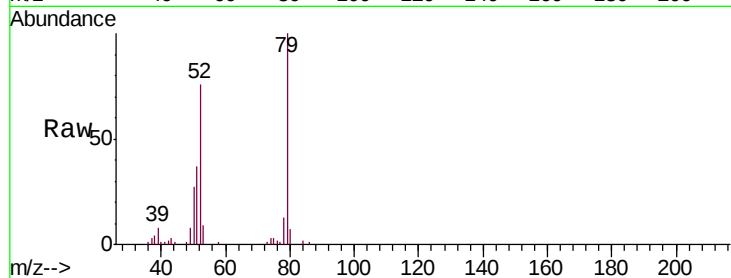
Tgt Ion: 79 Resp: 59835

Ion Ratio Lower Upper

79 100

52 76.1 57.7 86.5

51 37.3 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 48.045 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

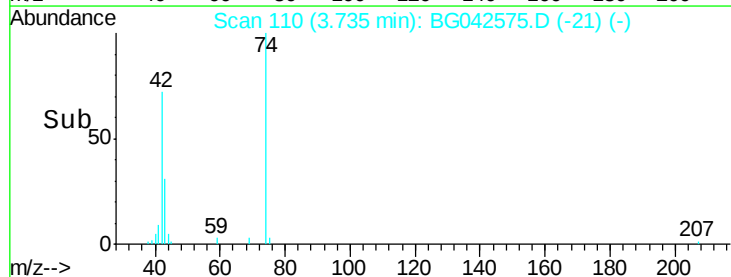
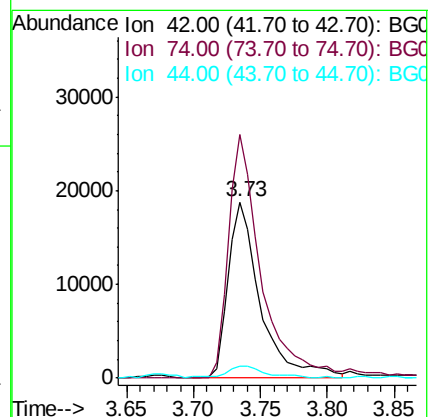
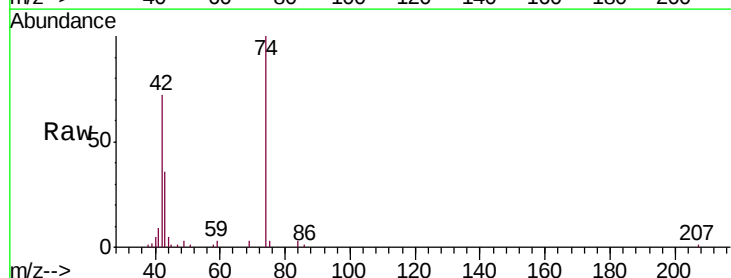
Tgt Ion: 42 Resp: 31799

Ion Ratio Lower Upper

42 100

74 138.2 119.6 179.4

44 6.7 6.5 9.7





#5

2-Fluorophenol

Concen: 146.606 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

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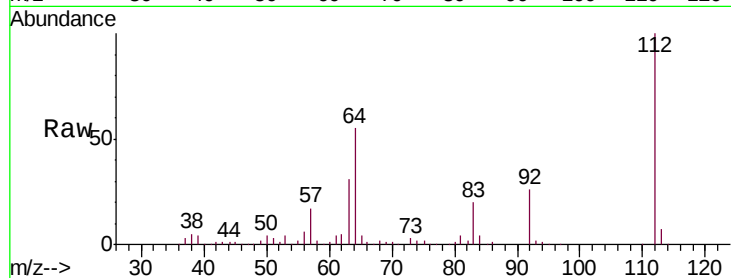
Tgt Ion: 112 Resp: 253878

Ion Ratio Lower Upper

112 100

64 55.5 42.8 64.2

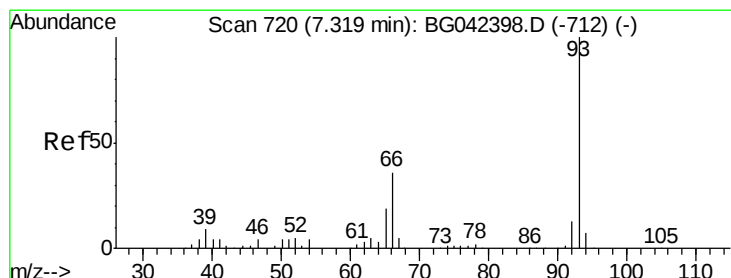
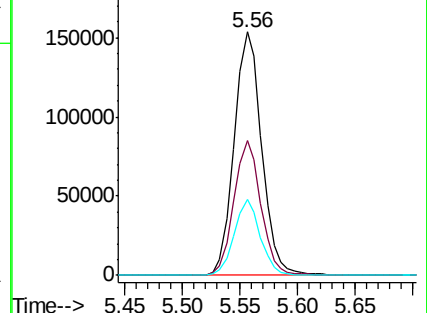
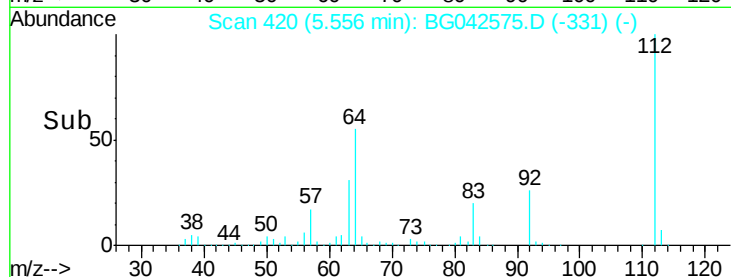
63 31.0 22.7 34.1



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: 31.605 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

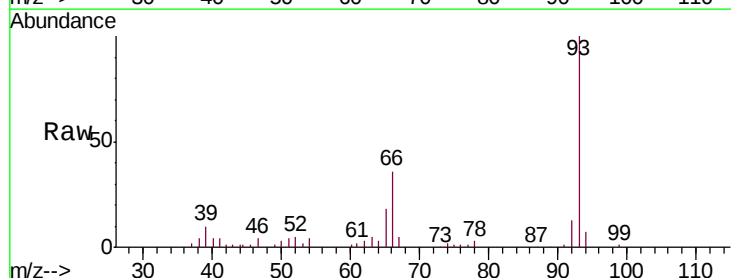
Tgt Ion: 93 Resp: 98605

Ion Ratio Lower Upper

93 100

66 35.8 29.0 43.6

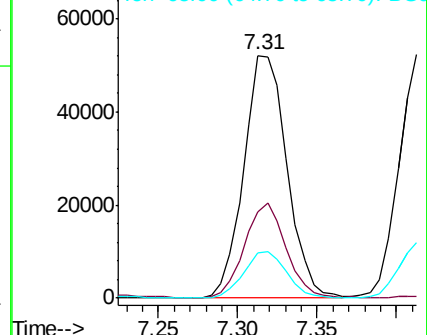
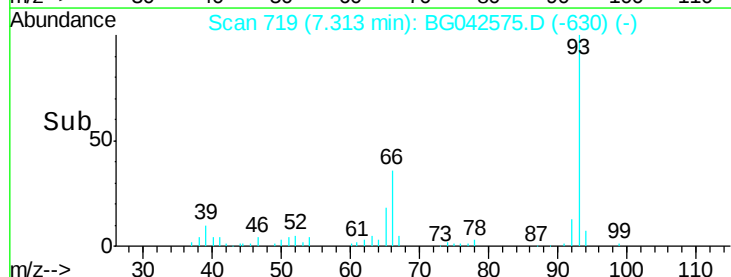
65 18.4 15.2 22.8



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: 145.362 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

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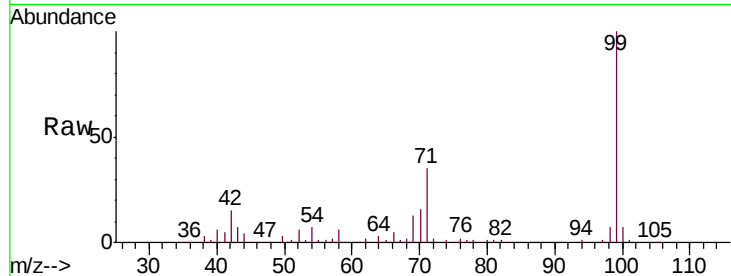
Tgt Ion: 99 Resp: 340022

Ion Ratio Lower Upper

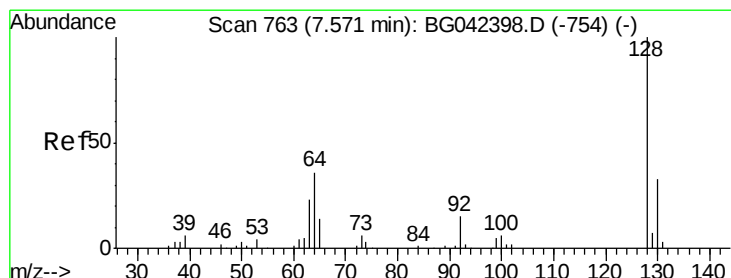
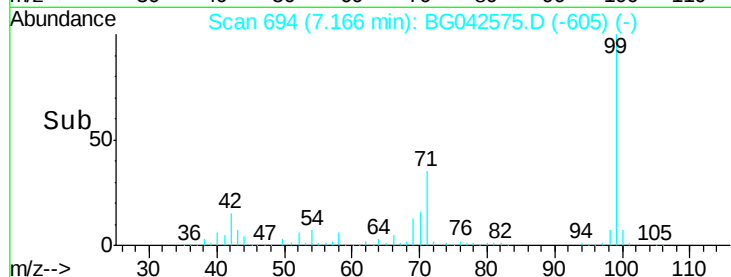
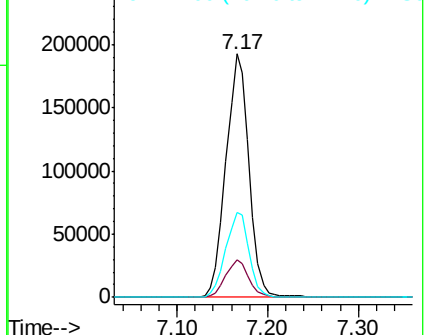
99 100

42 15.2 12.0 18.0

71 34.9 26.3 39.5



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: 50.427 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

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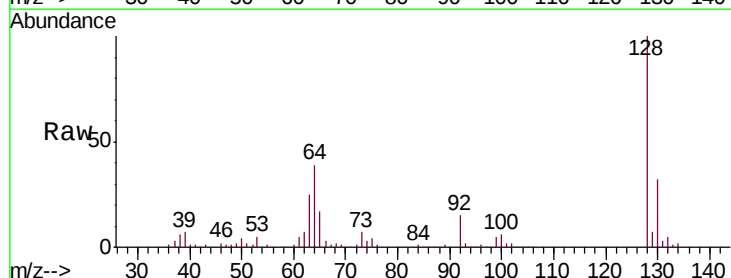
Tgt Ion: 128 Resp: 105830

Ion Ratio Lower Upper

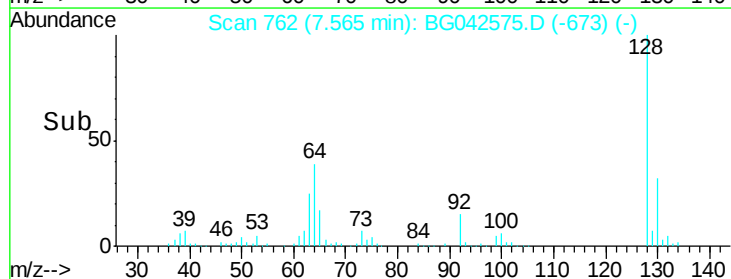
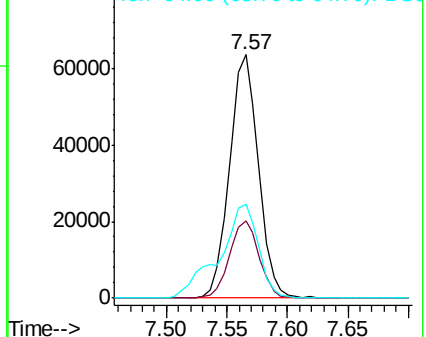
128 100

130 32.0 12.8 52.8

64 38.6 19.2 59.2



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: 49.951 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042575.D

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Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

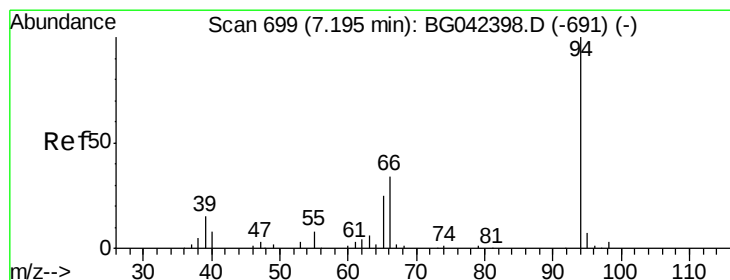
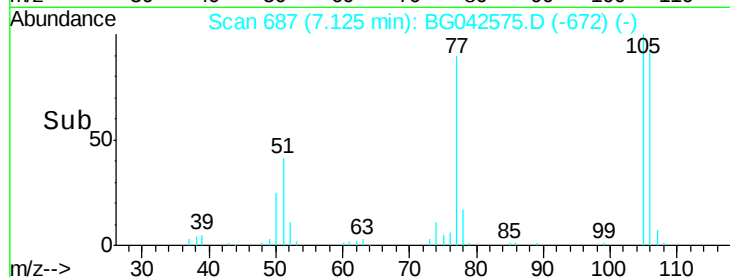
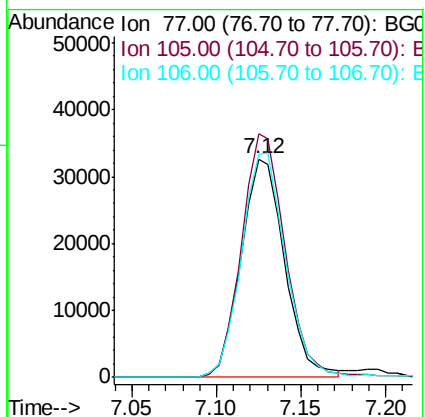
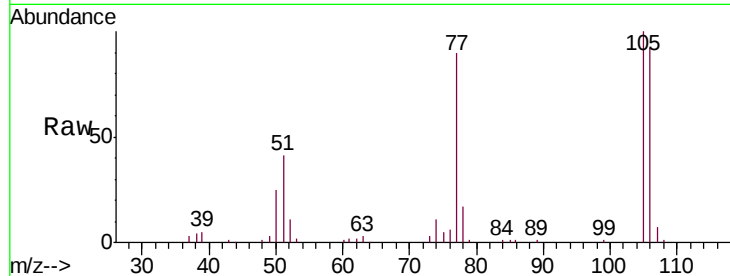
Tgt Ion: 77 Resp: 58496

Ion Ratio Lower Upper

77 100

105 111.6 93.4 133.4

106 102.4 88.4 128.4



#10

Phenol

Concen: 52.731 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

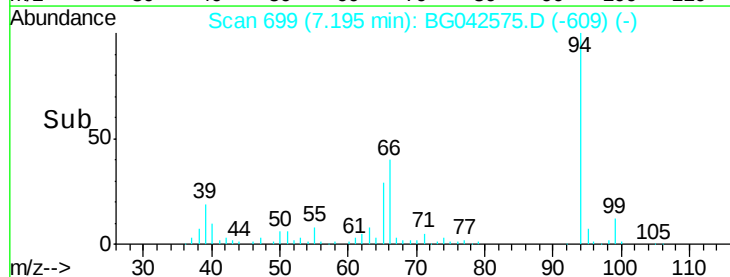
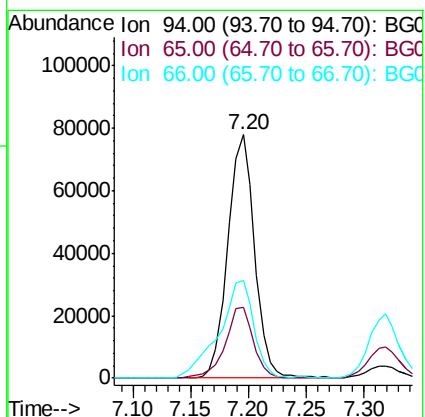
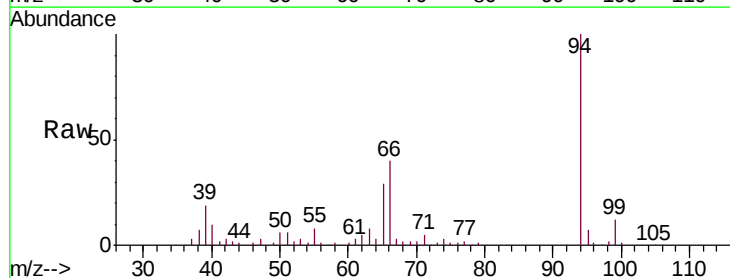
Tgt Ion: 94 Resp: 125410

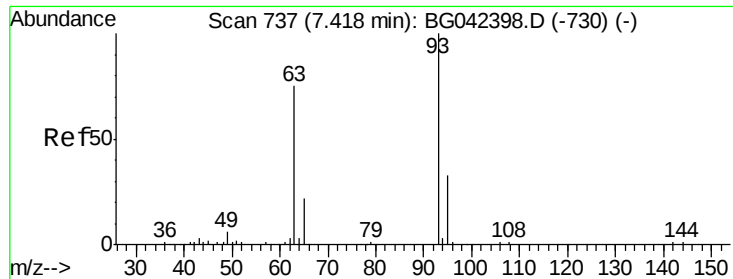
Ion Ratio Lower Upper

94 100

65 28.9 5.6 45.6

66 40.0 16.0 56.0

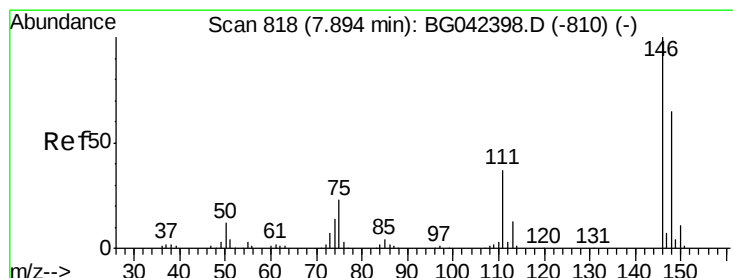
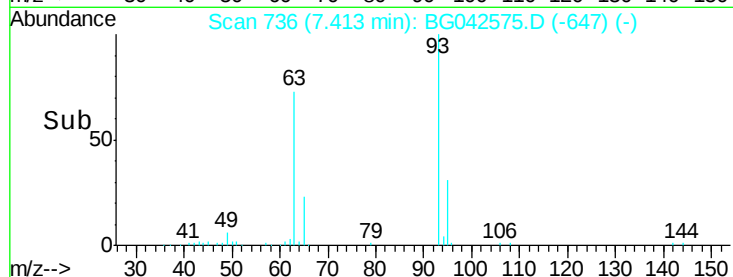
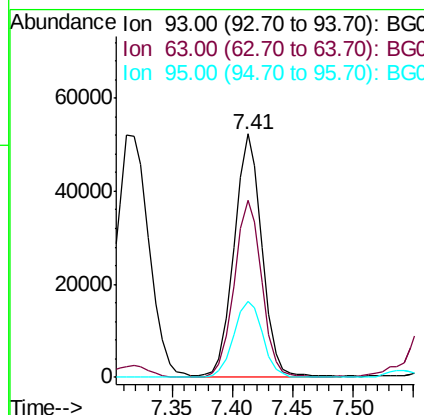
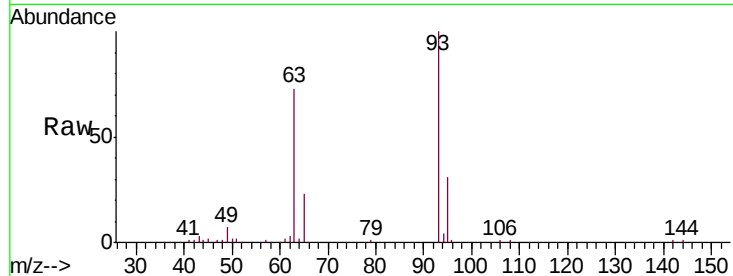




#11  
 bis(2-Chloroethyl)ether  
 Concen: 45.260 ng  
 RT: 7.41 min Scan# 736  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

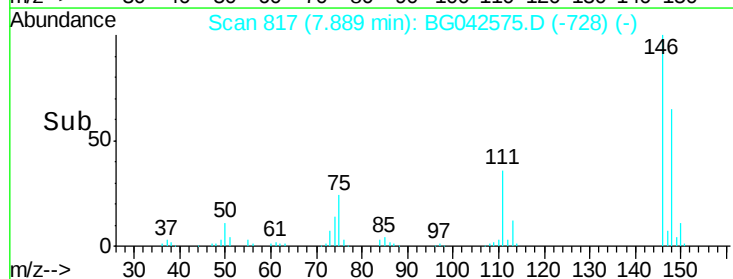
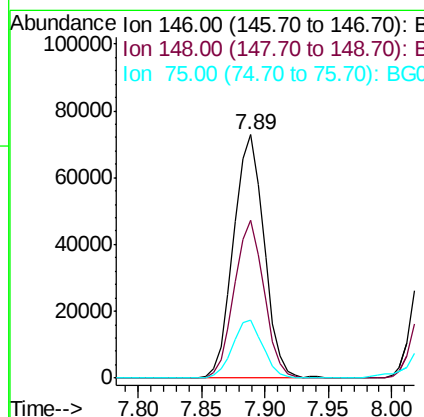
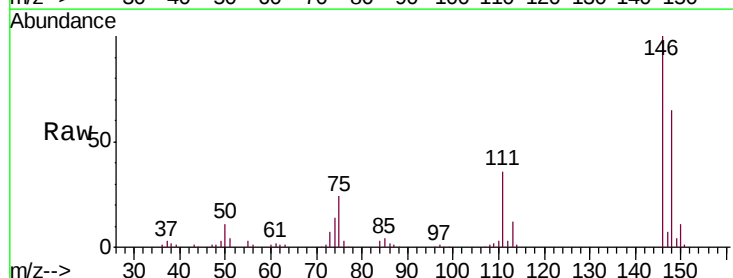
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

Tgt Ion: 93 Resp: 84538  
 Ion Ratio Lower Upper  
 93 100  
 63 72.6 53.8 93.8  
 95 31.3 13.1 53.1



#12  
 1,3-Dichlorobenzene  
 Concen: 45.461 ng  
 RT: 7.89 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

Tgt Ion: 146 Resp: 121372  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 52.2 78.2  
 75 23.7 18.0 27.0

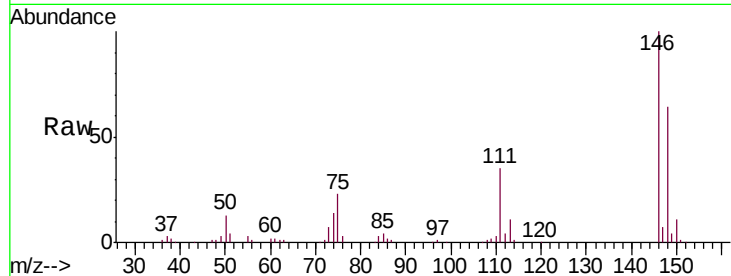




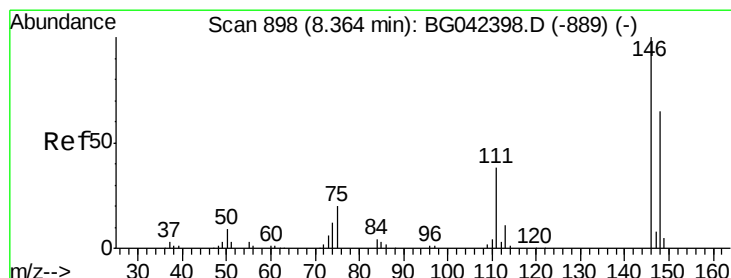
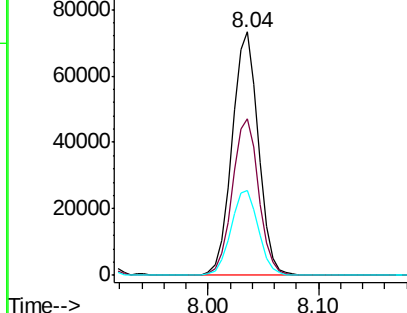
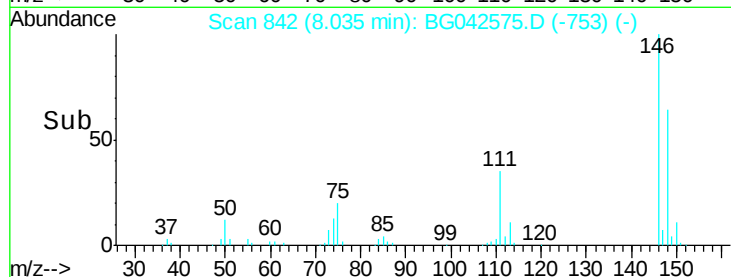
#13  
 1,4-Dichlorobenzene  
 Concen: 45.307 ng  
 RT: 8.04 min Scan# 842  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

Tgt Ion:146 Resp: 122524  
 Ion Ratio Lower Upper  
 146 100  
 148 64.5 49.5 74.3  
 111 35.0 28.1 42.1

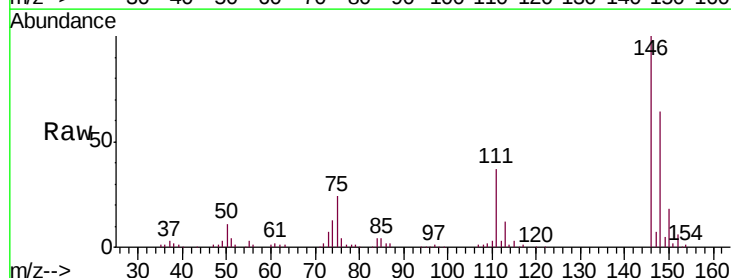


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

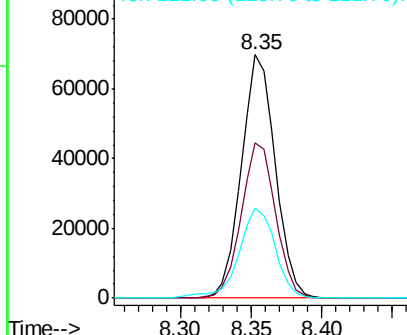
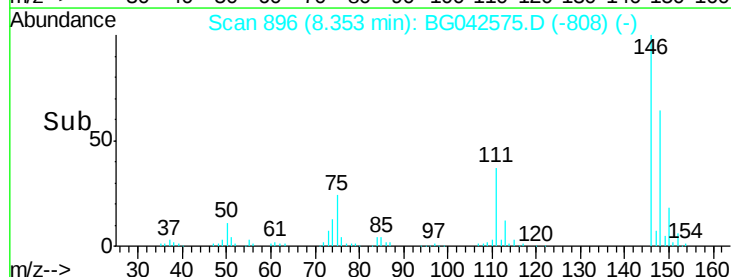


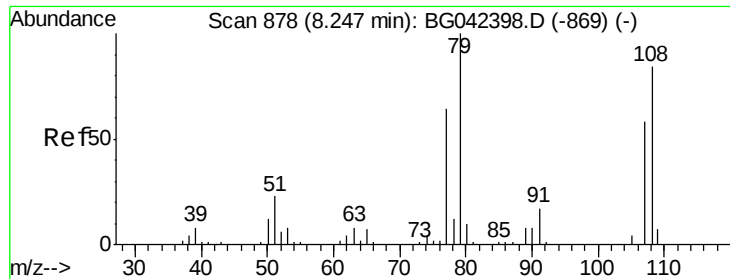
#14  
 1,2-Dichlorobenzene  
 Concen: 45.281 ng  
 RT: 8.35 min Scan# 896  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

Tgt Ion:146 Resp: 117268  
 Ion Ratio Lower Upper  
 146 100  
 148 63.7 51.8 77.6  
 111 37.0 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.527 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

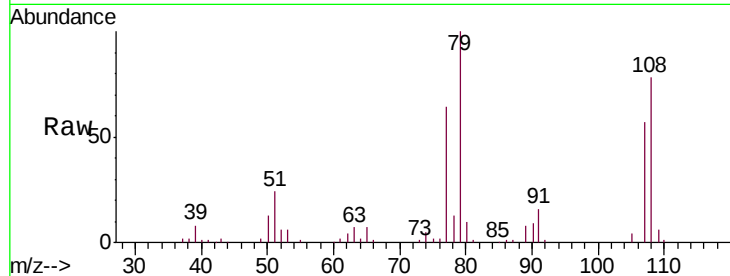
Tgt Ion: 79 Resp: 81665

Ion Ratio Lower Upper

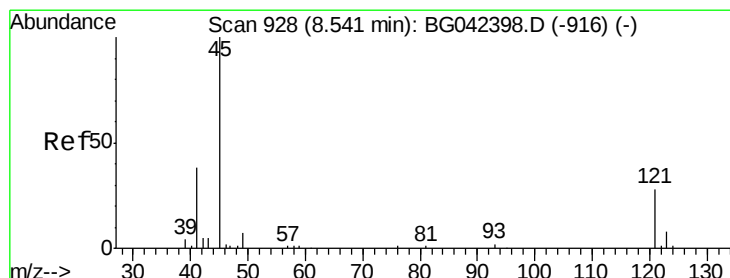
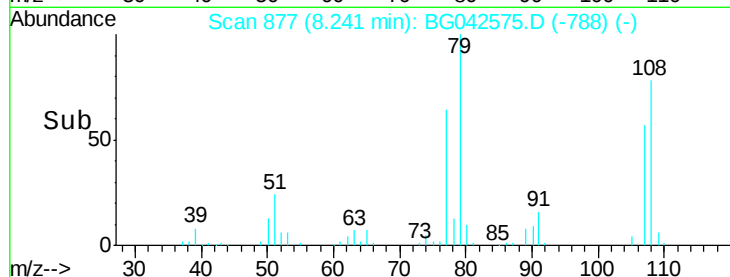
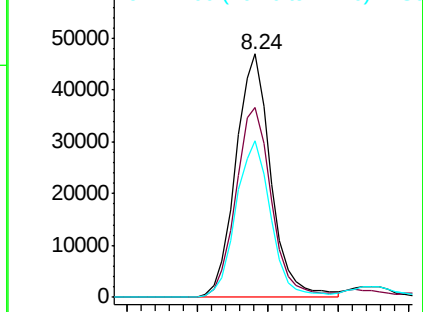
79 100

108 77.9 67.4 101.2

77 64.2 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.603 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

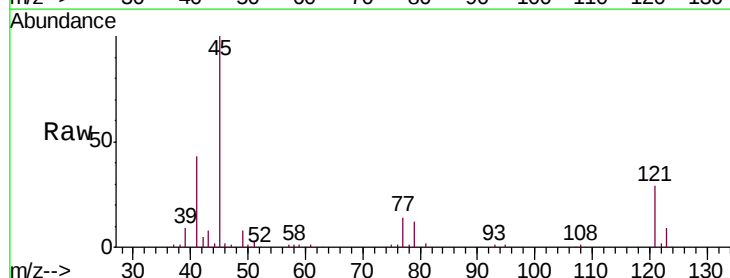
Tgt Ion: 45 Resp: 107854

Ion Ratio Lower Upper

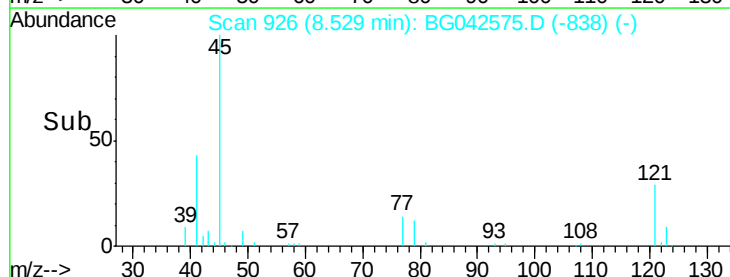
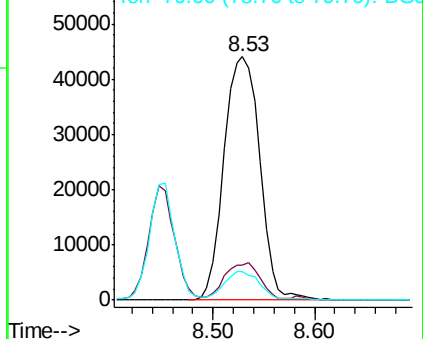
45 100

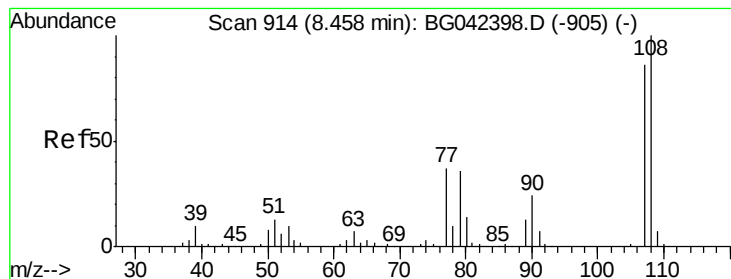
77 14.5 0.0 35.6

79 11.6 0.0 31.6



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





#17

2-Methylphenol

Concen: 48.070 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

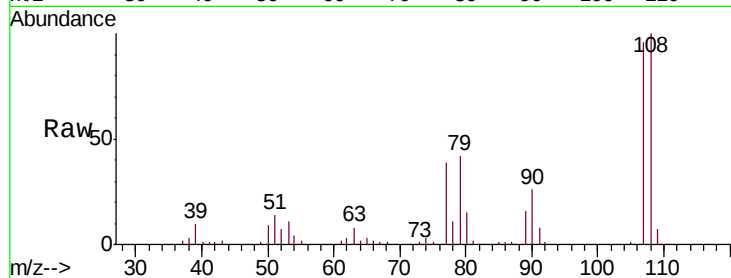
Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 84207 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 104.7 | 92.9  | 139.3 |
| 77       | 40.4  | 34.4  | 51.6  |
| 79       | 43.5  | 33.8  | 50.6  |



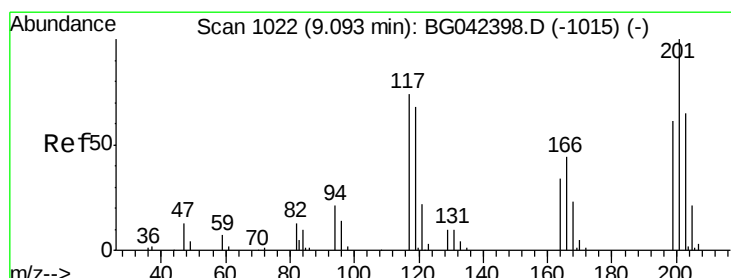
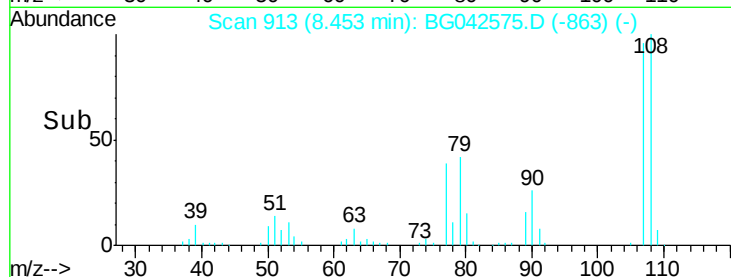
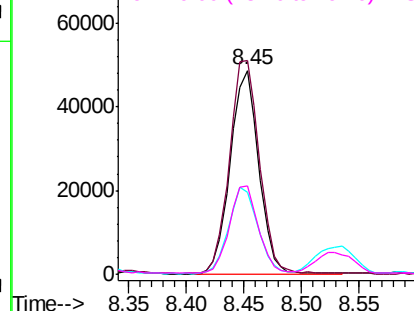
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.476 ng

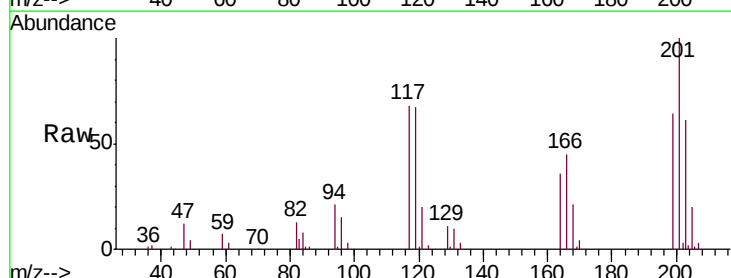
RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 41176 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.7  | 73.8  | 110.8 |
| 201      | 146.4 | 108.3 | 162.5 |

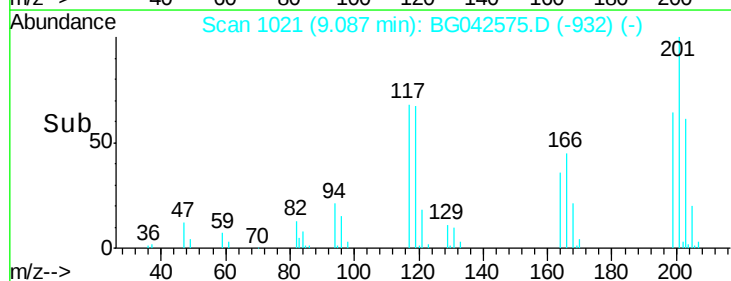
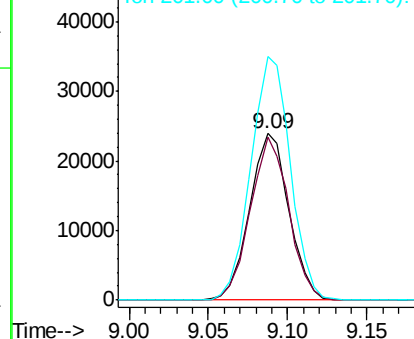


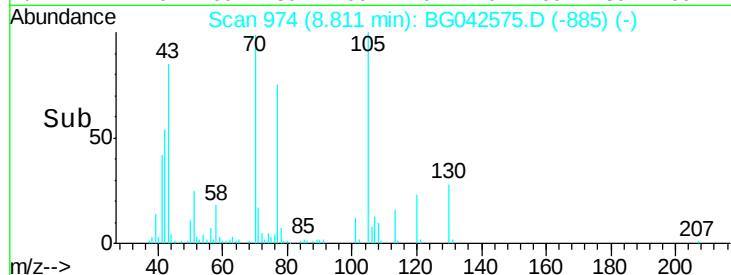
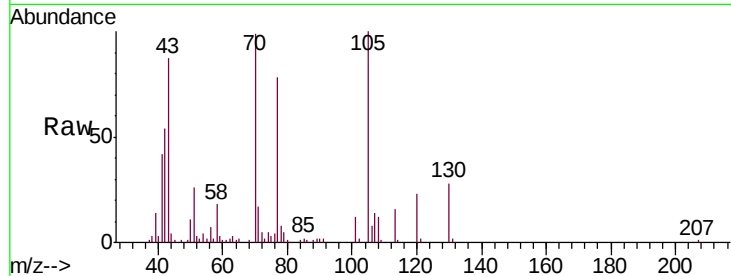
Abundance

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

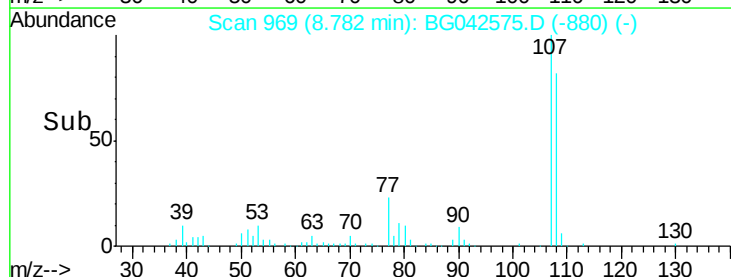
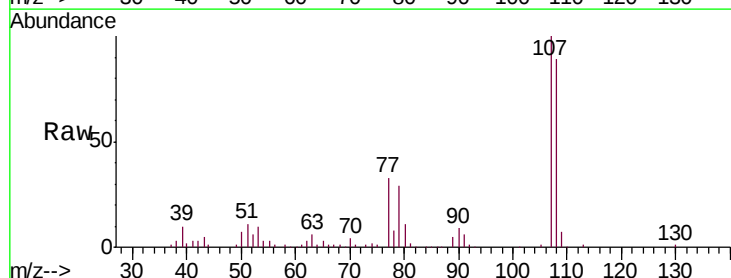
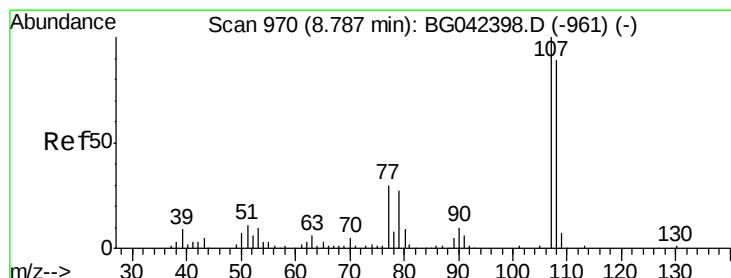
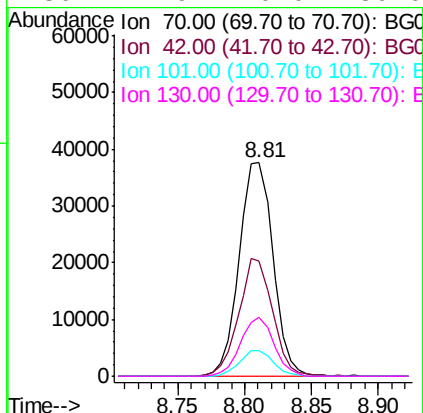




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.641 ng  
RT: 8.81 min Scan# 974  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

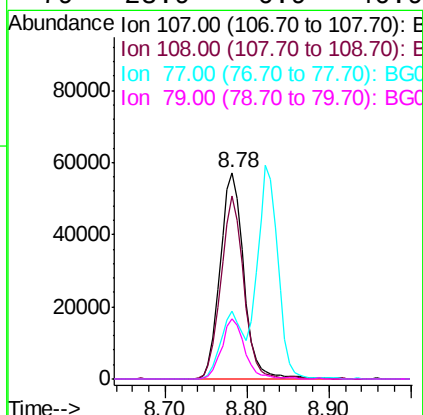
Instrument :  
BNA\_G  
ClientSampleId :  
S700A-N-1.0-1.5-082619MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 66134 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 54.1  | 38.8  | 58.2  |
| 101      | 12.1  | 9.0   | 13.6  |
| 130      | 27.9  | 20.0  | 30.0  |



#20  
3+4-Methylphenols  
Concen: 47.459 ng  
RT: 8.78 min Scan# 969  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 115040 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.7  | 68.7  | 108.7  |
| 77       | 32.6  | 10.2  | 50.2   |
| 79       | 28.9  | 6.9   | 46.9   |

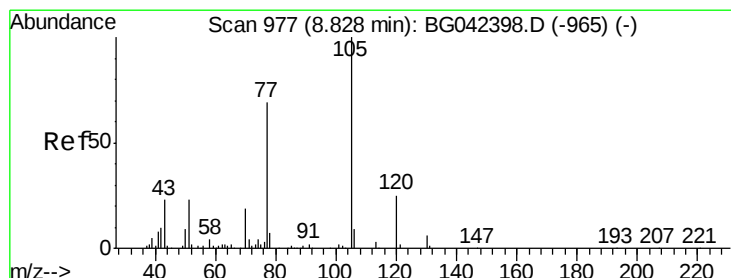
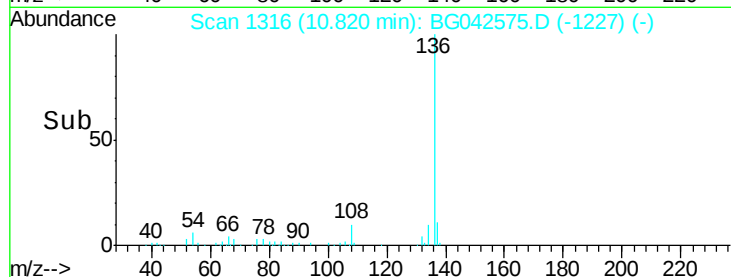
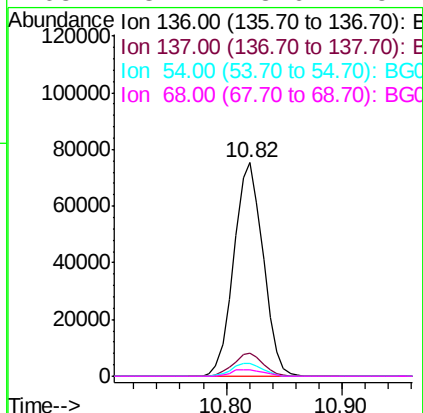
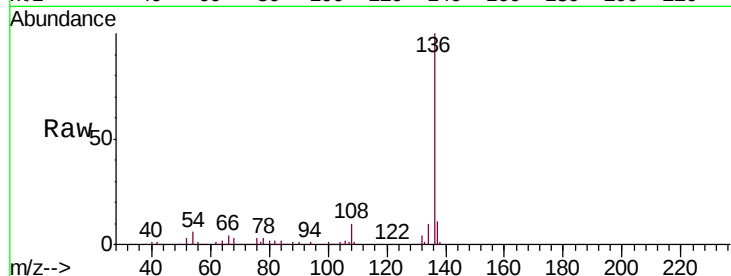




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

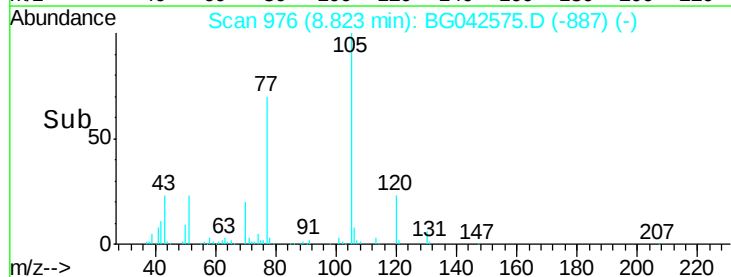
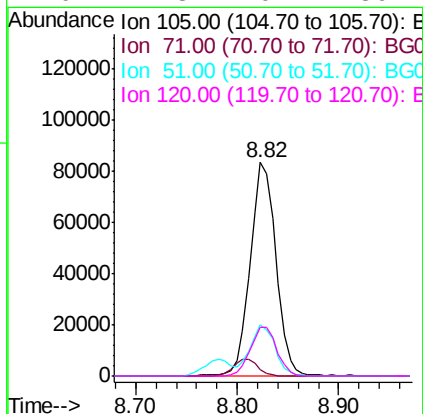
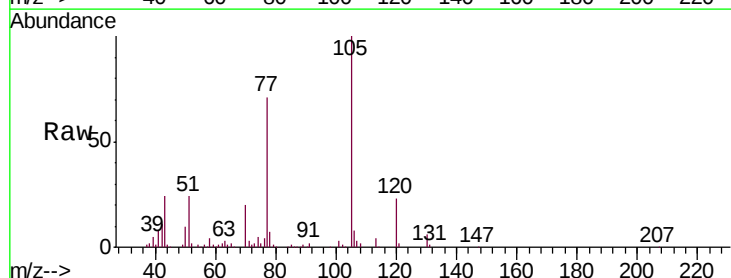
Instrument :  
BNA\_G  
ClientSampleId :  
S700A-N-1.0-1.5-082619MS

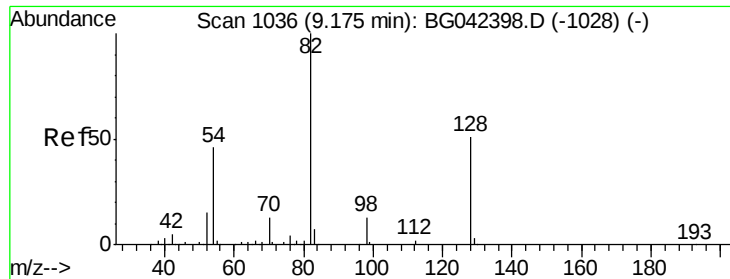
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 132209 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.5  | 8.7   | 13.1   |
| 54       | 6.1   | 4.9   | 7.3    |
| 68       | 3.2   | 3.6   | 5.4#   |



#22  
Acetophenone  
Concen: 52.042 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 147161 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 3.0   | 2.8   | 4.2    |
| 51       | 23.7  | 18.7  | 28.1   |
| 120      | 22.8  | 20.1  | 30.1   |

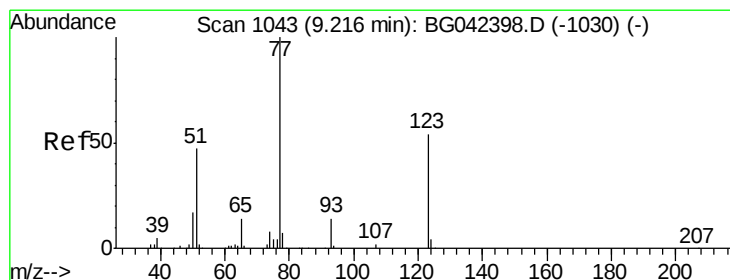
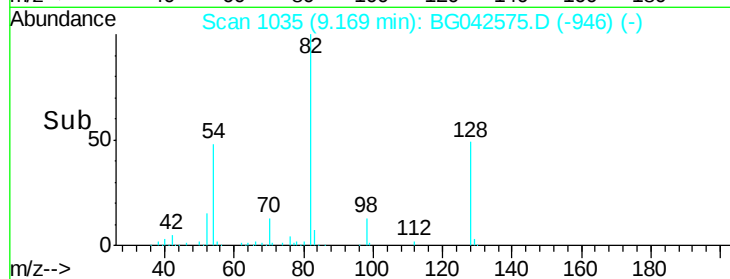
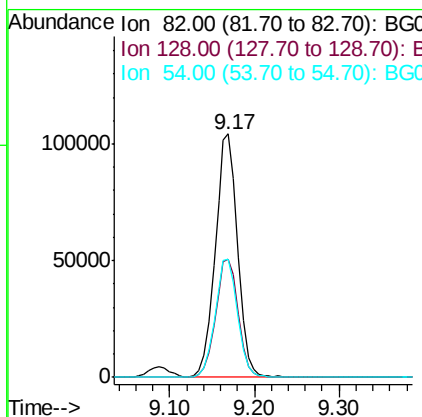
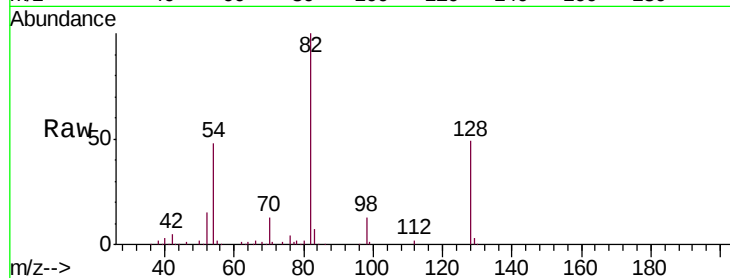




#23  
 Nitrobenzene-d5  
 Concen: 100.416 ng  
 RT: 9.17 min Scan# 1035  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

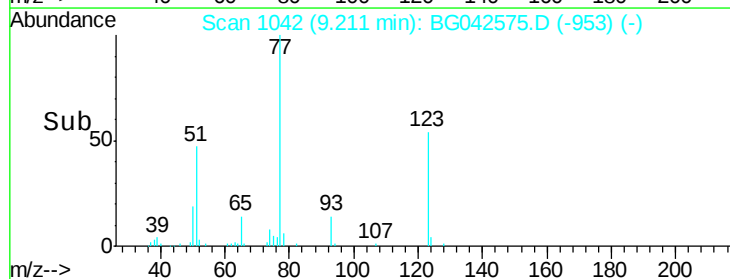
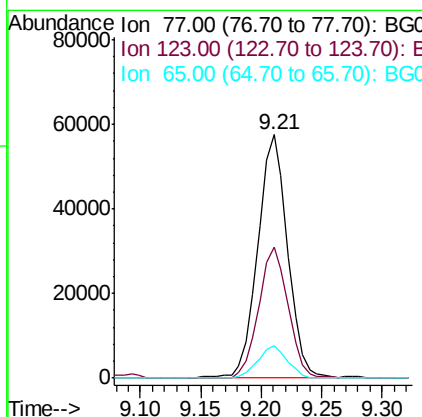
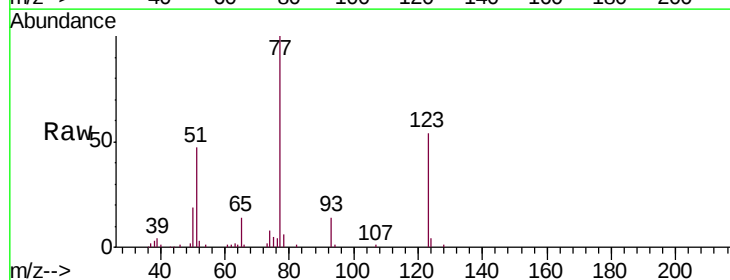
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 48.8  | 40.7  | 61.1  |
| 54      | 48.4  | 36.3  | 54.5  |



#24  
 Nitrobenzene  
 Concen: 50.842 ng  
 RT: 9.21 min Scan# 1042  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 53.7  | 43.4  | 65.0  |
| 65      | 13.6  | 11.0  | 16.6  |





#25

Isophorone

Concen: 48.511 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

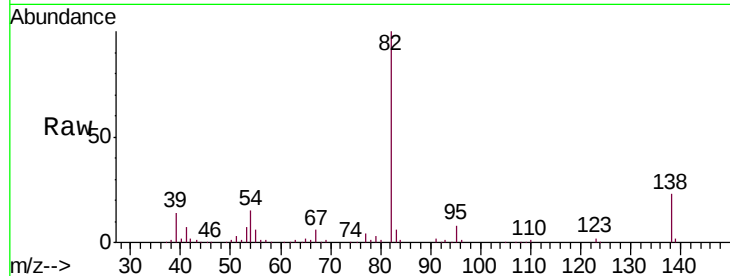
Tgt Ion: 82 Resp: 183166

Ion Ratio Lower Upper

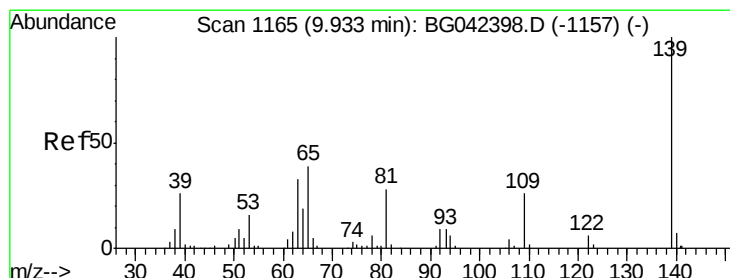
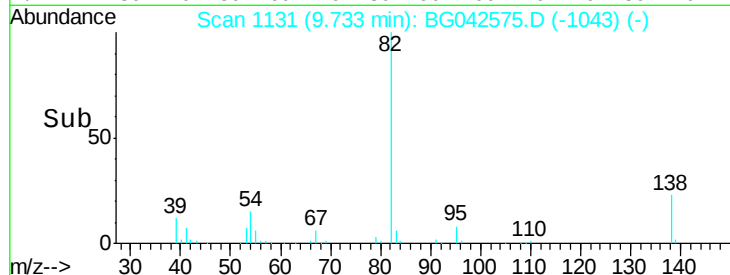
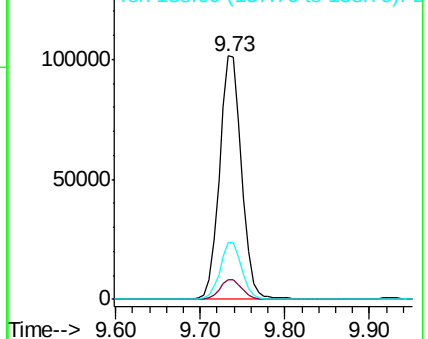
82 100

95 8.2 6.6 9.8

138 23.1 18.6 27.8



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



#26

2-Nitrophenol

Concen: 52.659 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

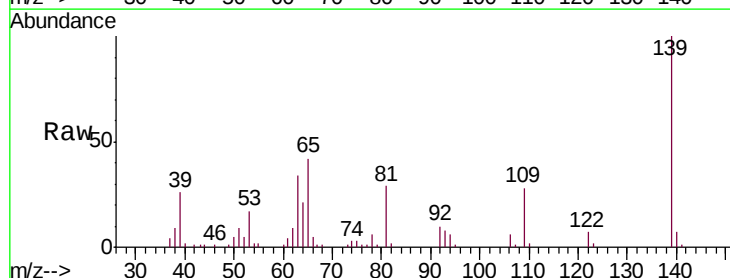
Tgt Ion: 139 Resp: 63933

Ion Ratio Lower Upper

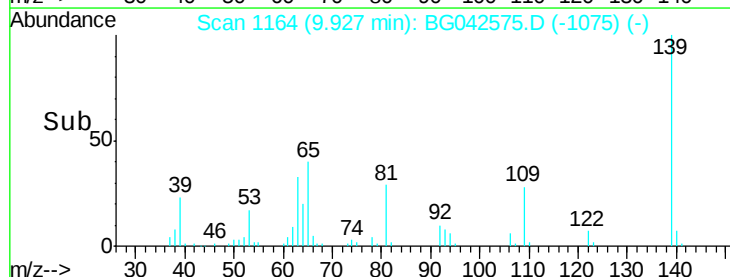
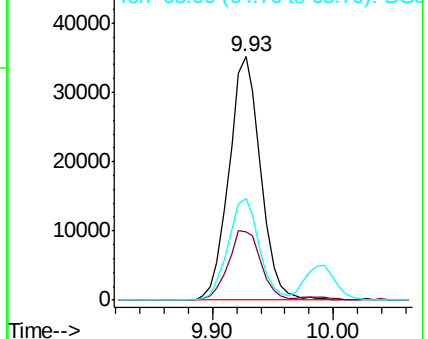
139 100

109 28.3 20.5 30.7

65 41.5 30.9 46.3



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

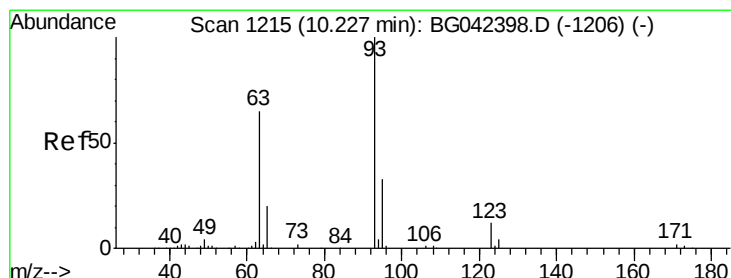
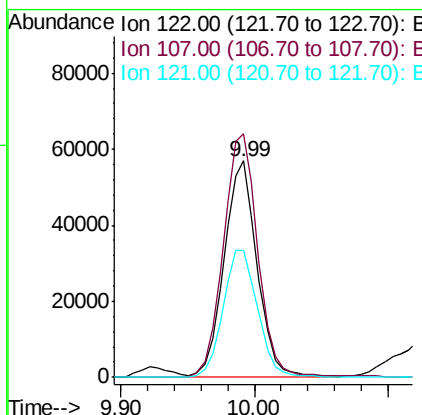
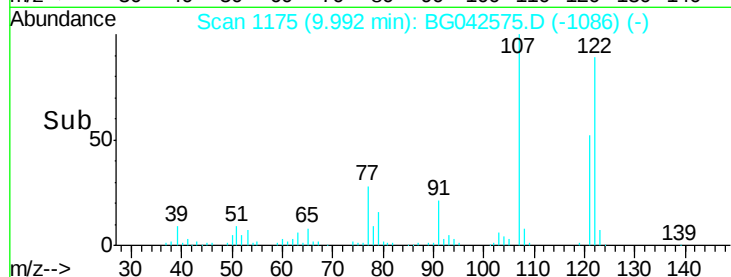
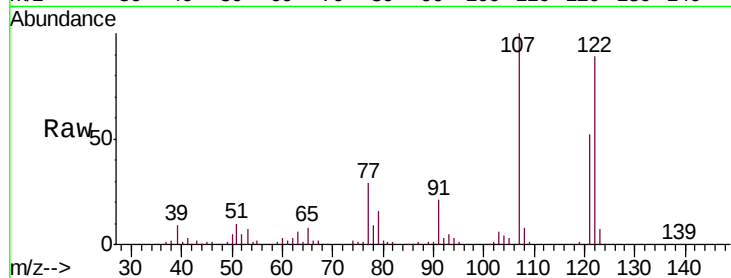




#27  
 2,4-Dimethylphenol  
 Concen: 58.172 ng  
 RT: 9.99 min Scan# 1175  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

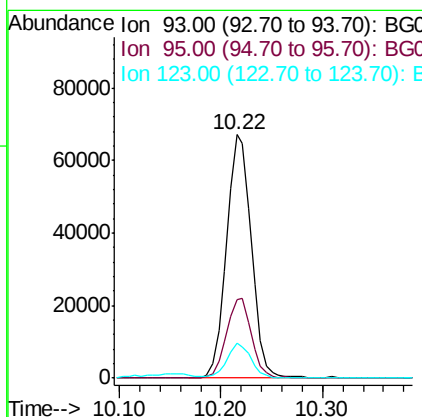
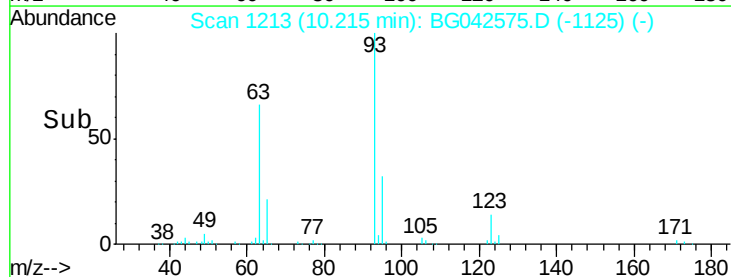
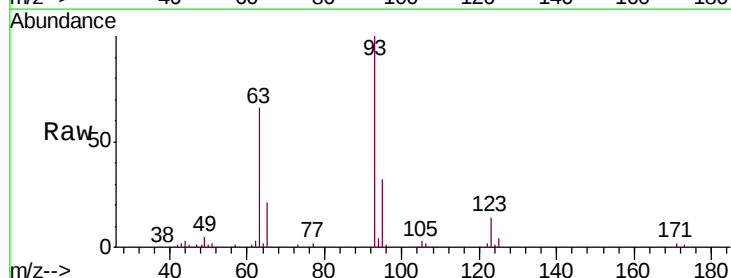
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

Tgt Ion:122 Resp: 97287  
 Ion Ratio Lower Upper  
 122 100  
 107 112.5 90.8 136.2  
 121 58.8 49.6 74.4



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 48.038 ng  
 RT: 10.22 min Scan# 1213  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

Tgt Ion: 93 Resp: 114319  
 Ion Ratio Lower Upper  
 93 100  
 95 32.5 26.6 40.0  
 123 14.2 10.1 15.1

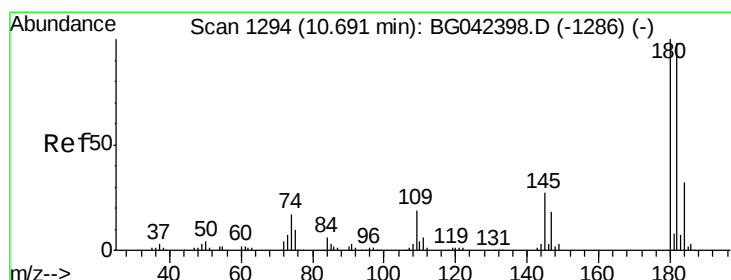
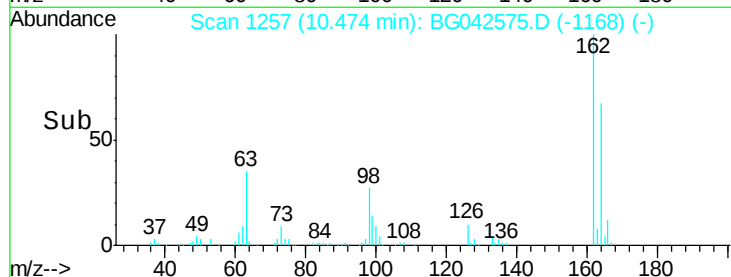
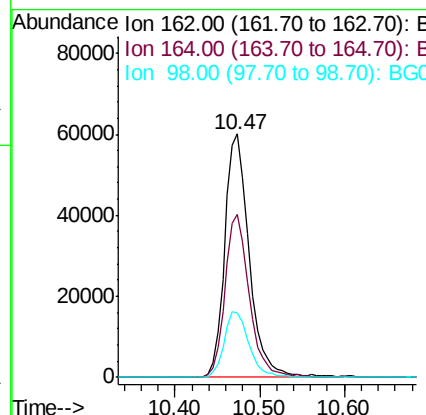
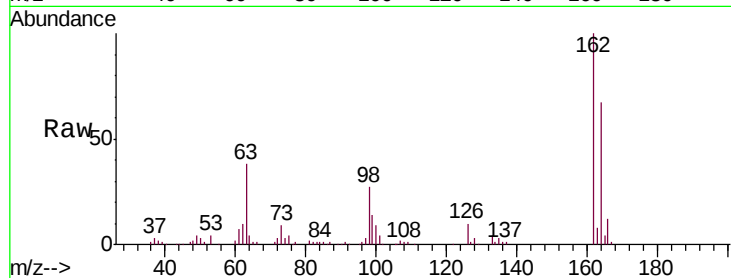




#29  
 2,4-Dichlorophenol  
 Concen: 55.175 ng  
 RT: 10.47 min Scan# 1257  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

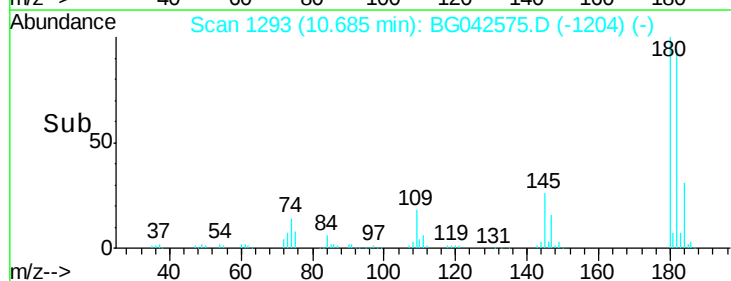
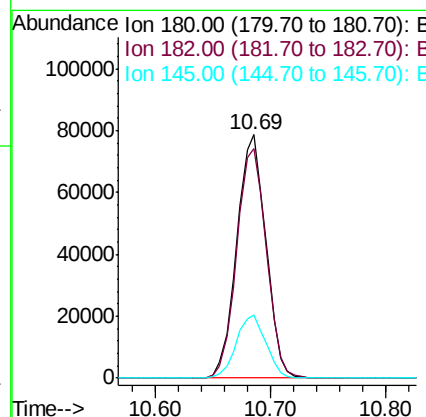
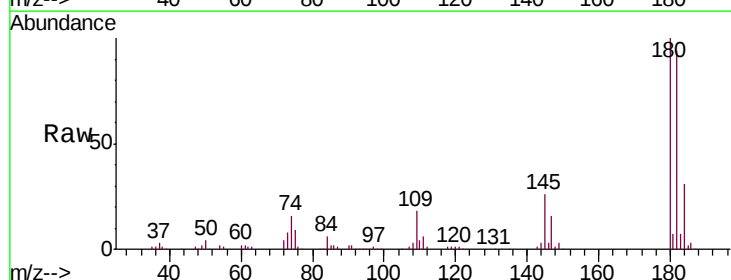
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

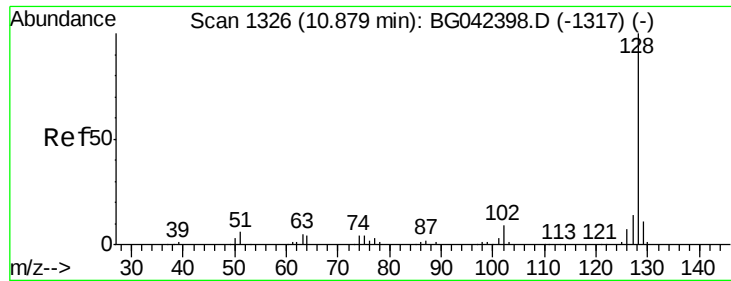
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.8  | 48.1  | 88.1  |
| 98      | 26.5  | 7.6   | 47.6  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 51.153 ng  
 RT: 10.69 min Scan# 1293  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 78.7  | 118.1 |
| 145     | 25.7  | 21.6  | 32.4  |

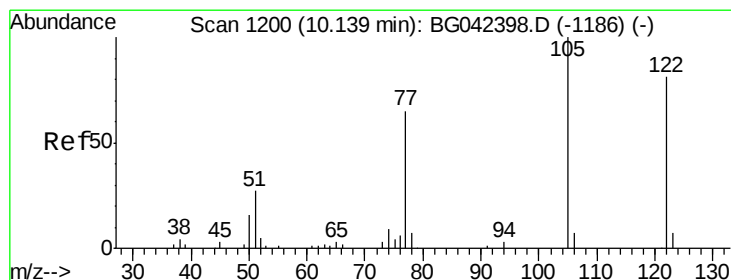
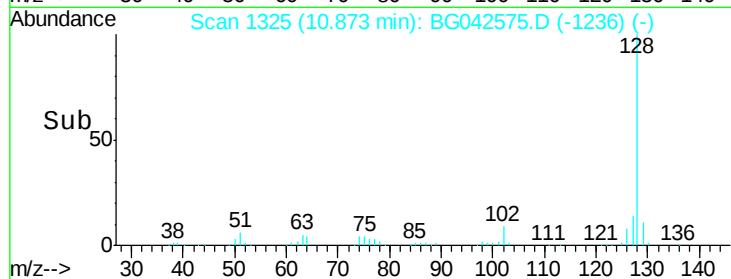
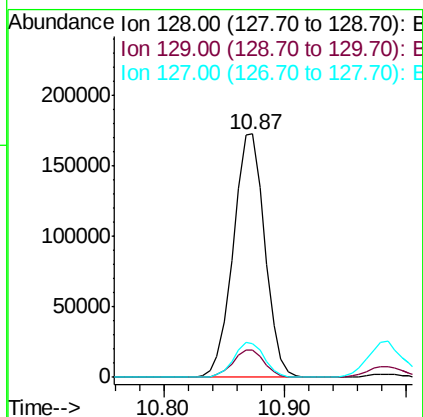
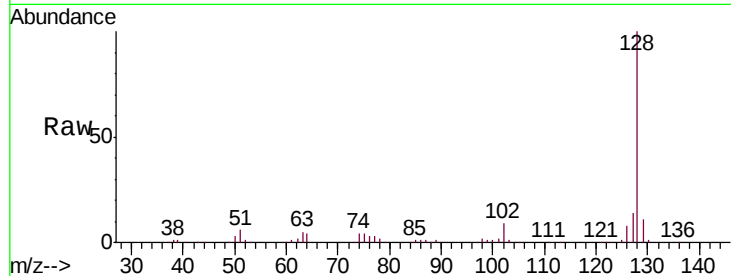




#31  
Naphthalene  
Concen: 51.250 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

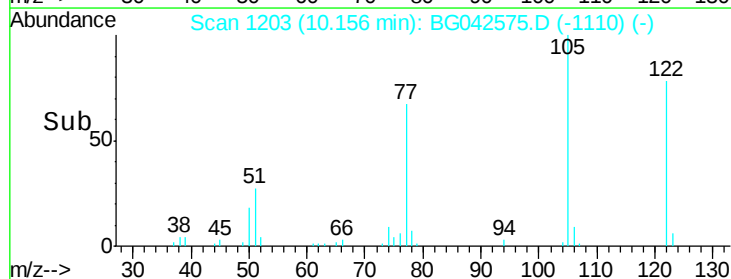
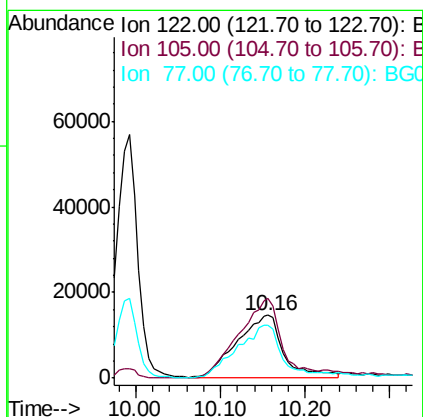
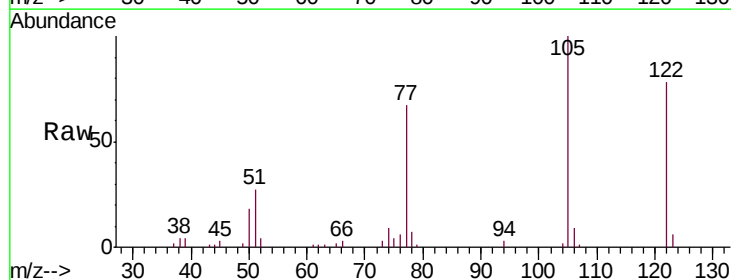
Instrument :  
BNA\_G  
ClientSampleId :  
S700A-N-1.0-1.5-082619MS

Tgt Ion:128 Resp: 314580  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 13.6 11.4 17.0



#32  
Benzoic acid  
Concen: 45.697 ng  
RT: 10.16 min Scan# 1203  
Delta R.T. 0.02 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

Tgt Ion:122 Resp: 54891  
Ion Ratio Lower Upper  
122 100  
105 128.4 99.6 139.6  
77 85.5 59.5 99.5

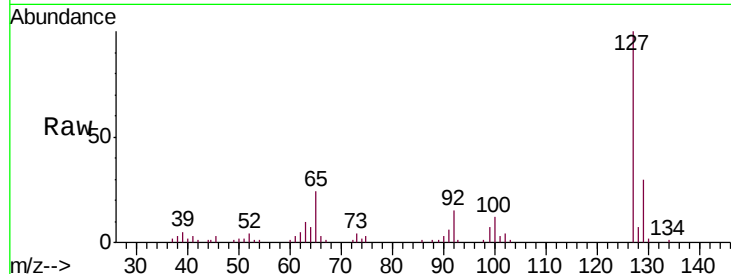




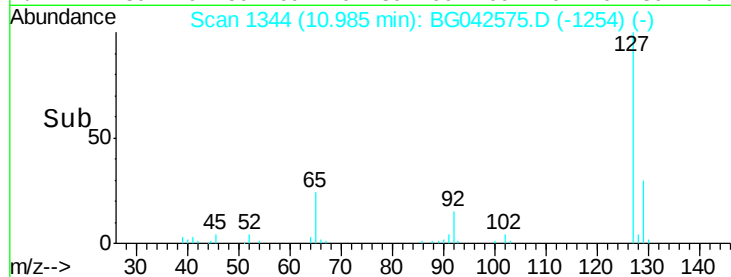
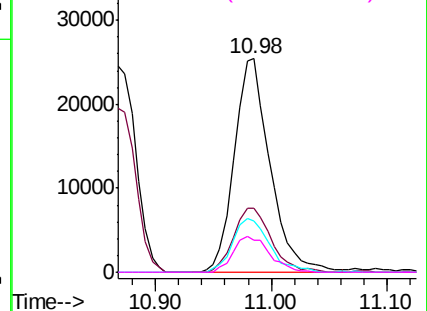
#33  
4-Chloroaniline  
Concen: 19.336 ng  
RT: 10.98 min Scan# 1344  
Delta R.T. 0.00 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

Instrument :  
BNA\_G  
ClientSampleId :  
S700A-N-1.0-1.5-082619MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 54788 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 29.7  | 26.8  | 40.2  |
| 65       | 23.9  | 20.7  | 31.1  |
| 92       | 15.2  | 13.6  | 20.4  |

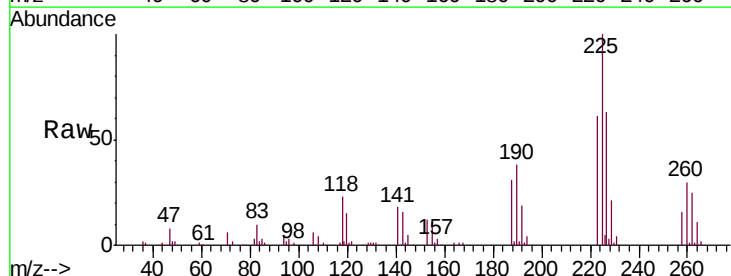


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

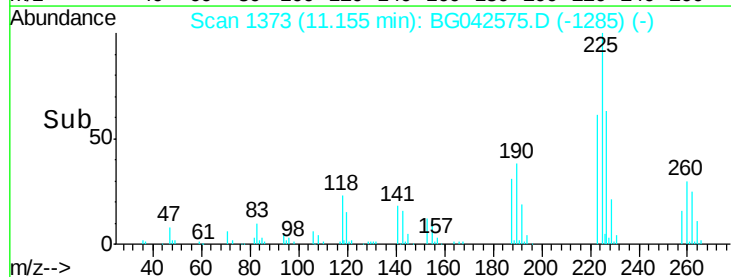
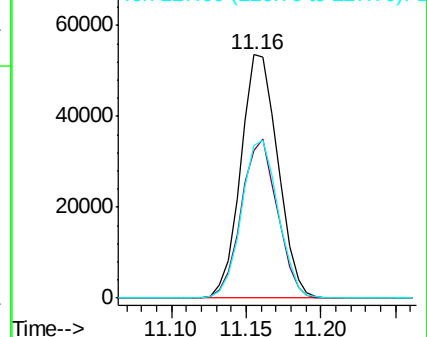


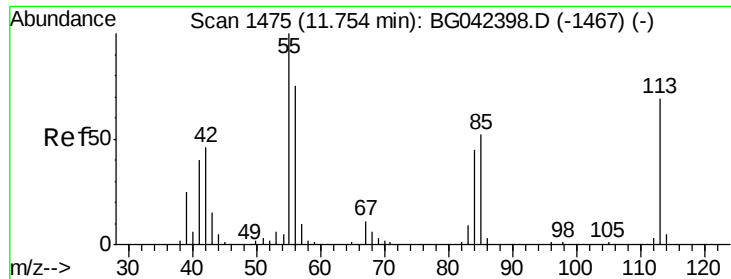
#34  
Hexachlorobutadiene  
Concen: 51.336 ng  
RT: 11.16 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 92661 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.6  | 49.8  | 74.6  |
| 227      | 62.7  | 50.9  | 76.3  |



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: 22.100 ng

RT: 11.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

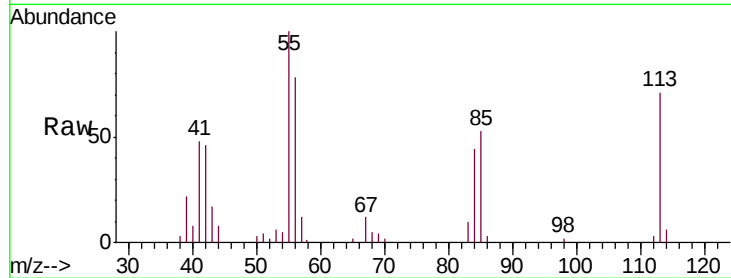
Tgt Ion:113 Resp: 16136

Ion Ratio Lower Upper

113 100

55 141.3 124.6 164.6

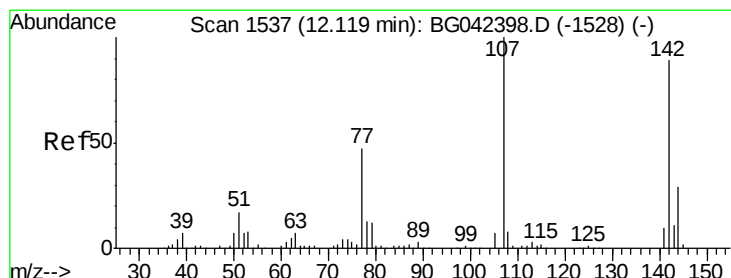
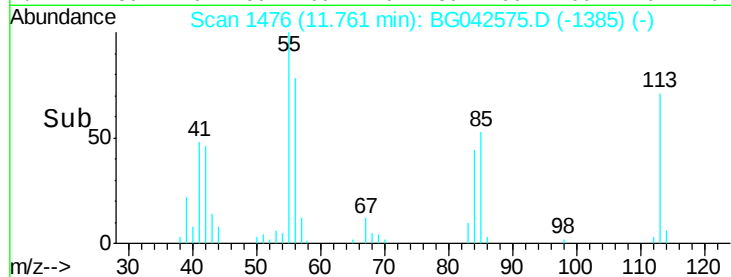
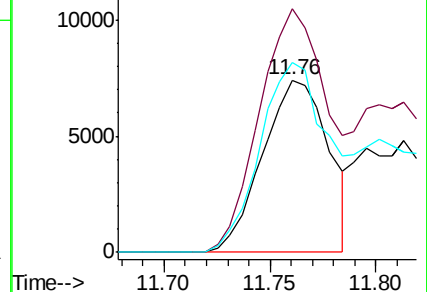
56 110.6 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 52.607 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

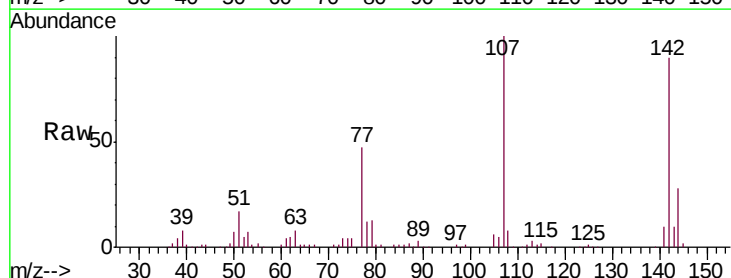
Tgt Ion:107 Resp: 109273

Ion Ratio Lower Upper

107 100

144 27.9 23.6 35.4

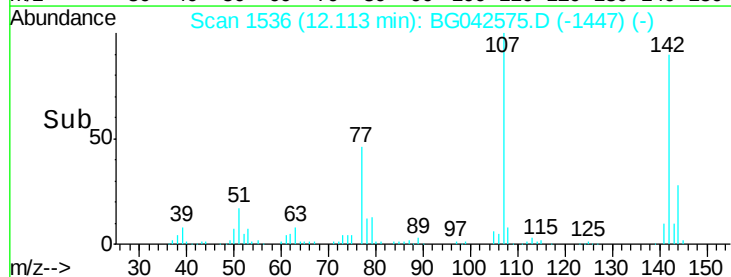
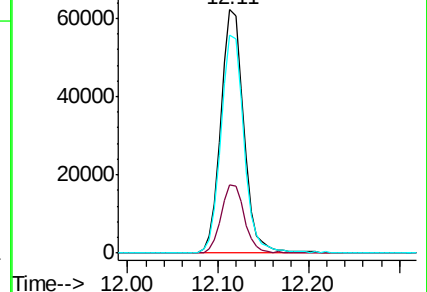
142 89.5 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

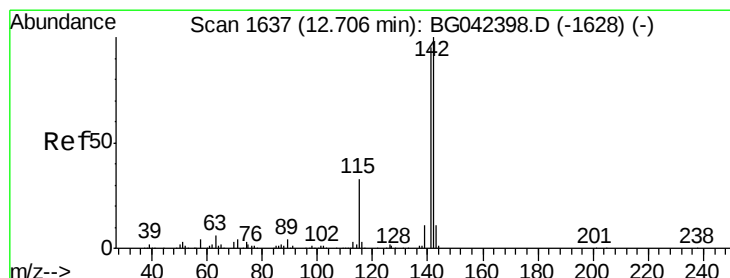
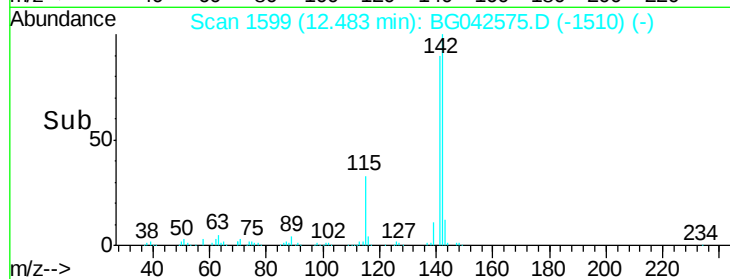
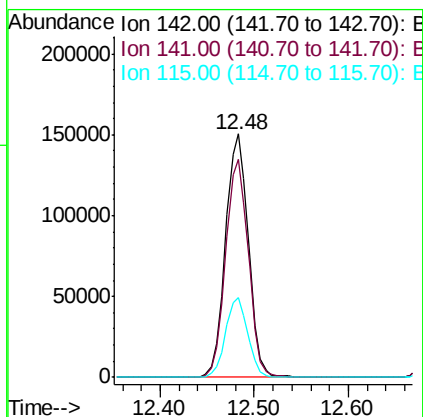
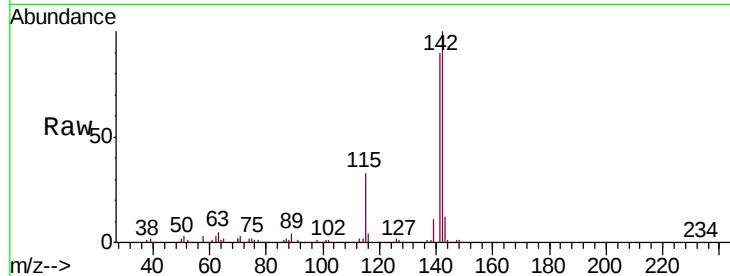




#37  
 2-Methylnaphthalene  
 Concen: 51.405 ng  
 RT: 12.48 min Scan# 1599  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

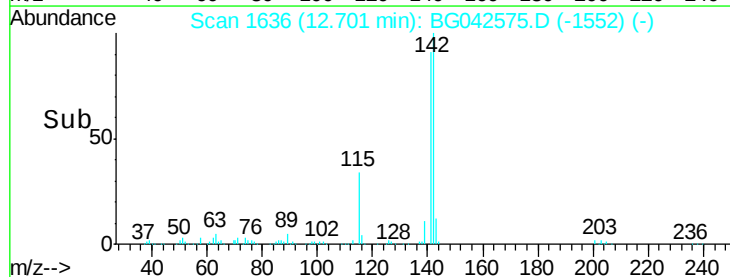
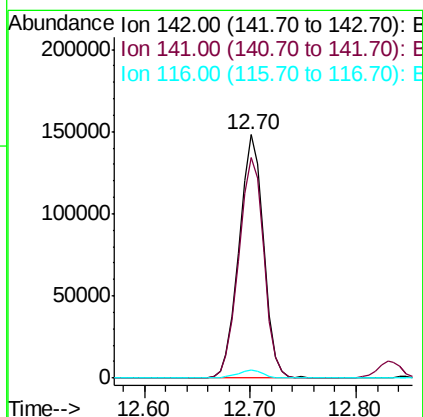
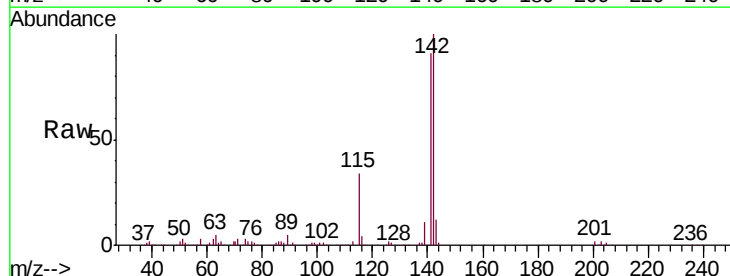
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.5  | 71.4  | 107.2 |
| 115     | 32.6  | 25.2  | 37.8  |



#38  
 1-Methylnaphthalene  
 Concen: 50.593 ng  
 RT: 12.70 min Scan# 1636  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.8  | 76.2  | 114.2 |
| 116     | 3.6   | 2.8   | 4.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

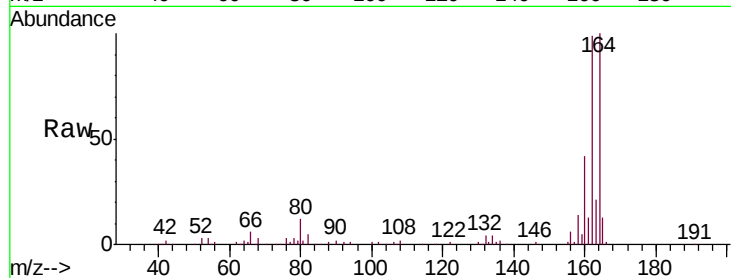
Tgt Ion:164 Resp: 96148

Ion Ratio Lower Upper

164 100

162 98.6 79.9 119.9

160 41.6 34.3 51.5

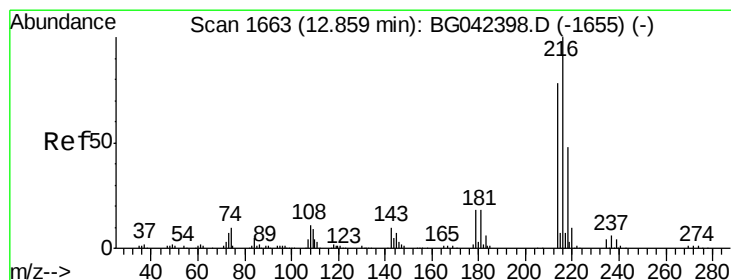
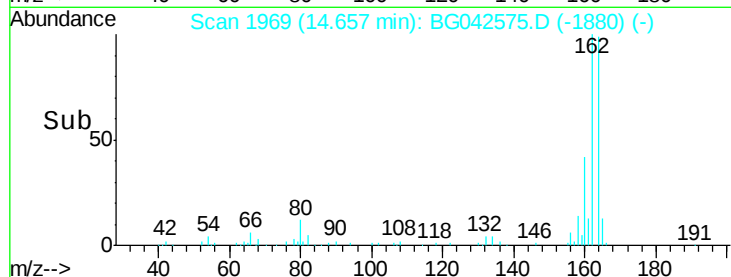
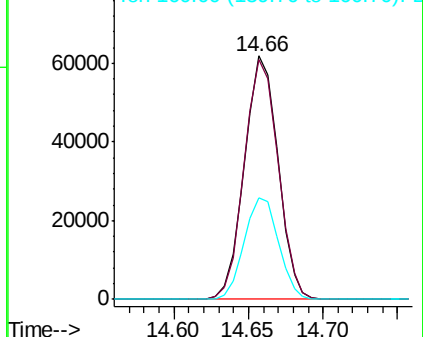


Abundance

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: 55.647 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Tgt Ion:216 Resp: 171820

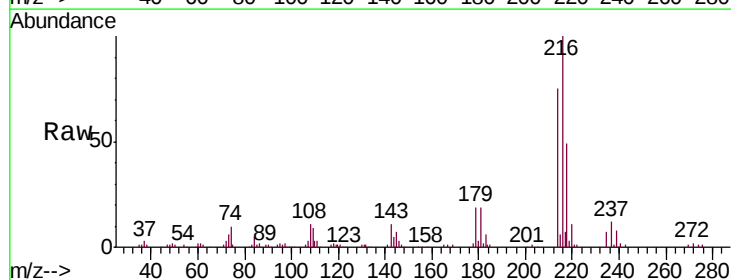
Ion Ratio Lower Upper

216 100

214 76.7 61.4 92.2

179 18.6 15.1 22.7

108 12.3 9.4 14.0



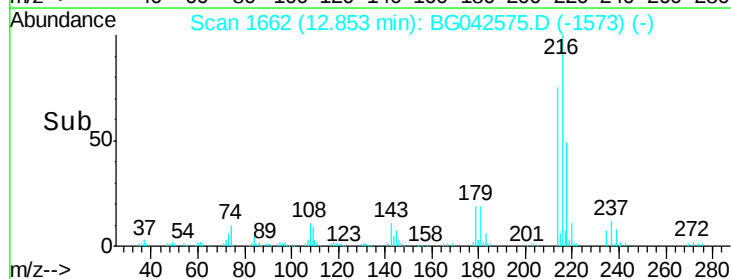
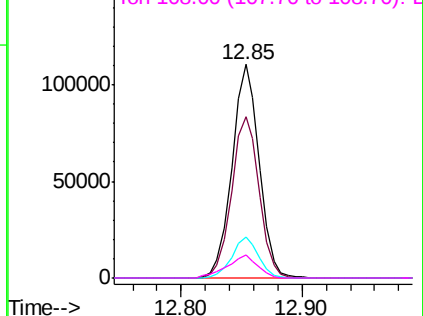
Abundance

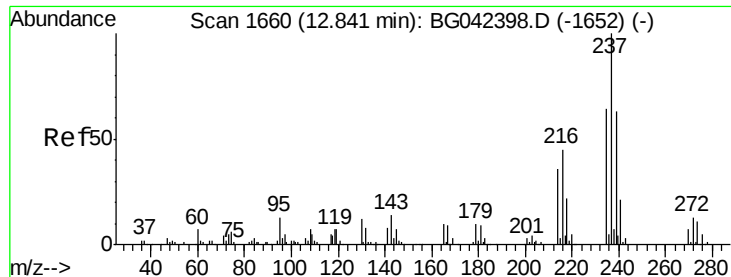
Ion 216.00 (215.70 to 216.70): E

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: 110.688 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

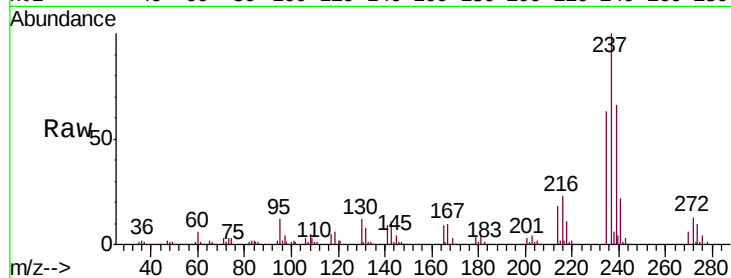
Tgt Ion: 237 Resp: 179526

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

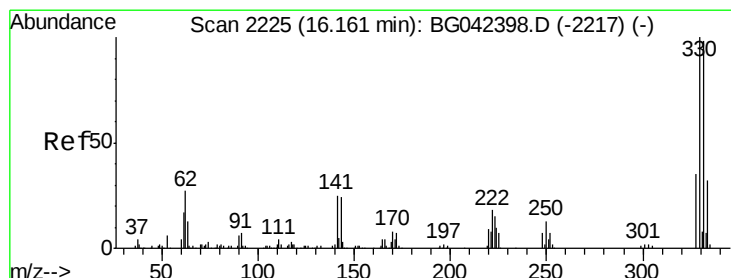
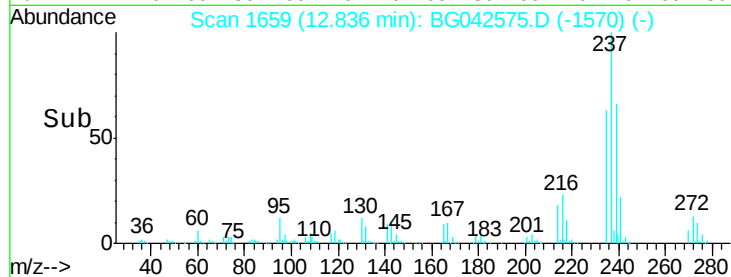
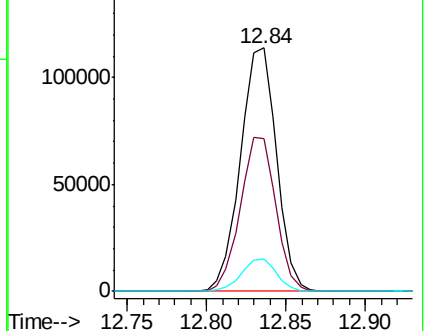
272 13.3 0.0 33.3



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: 152.267 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

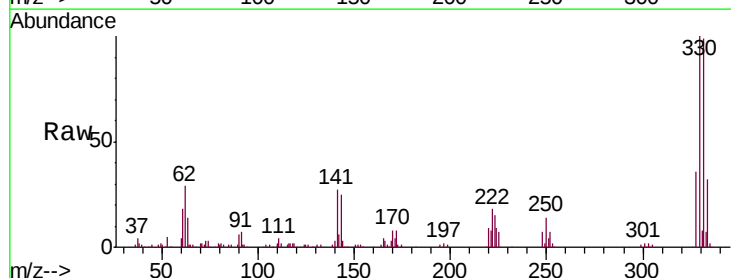
Tgt Ion: 330 Resp: 208086

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

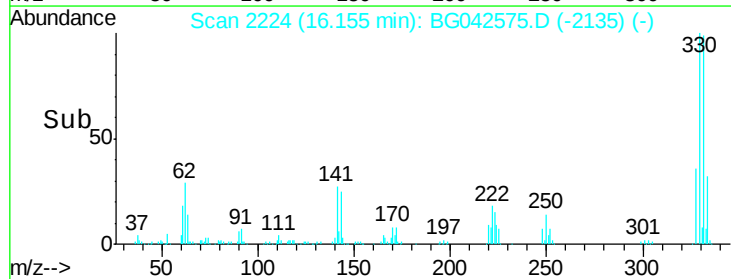
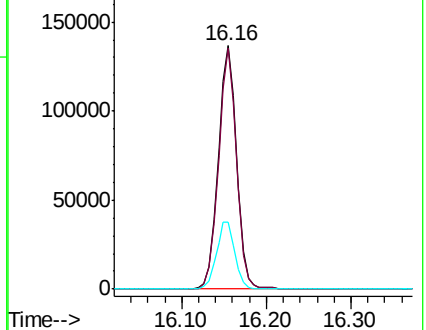
141 27.8 21.4 32.0



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

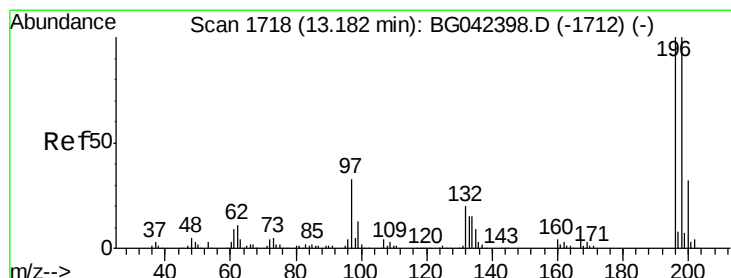
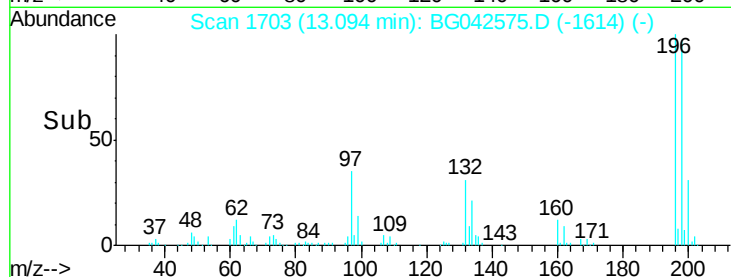
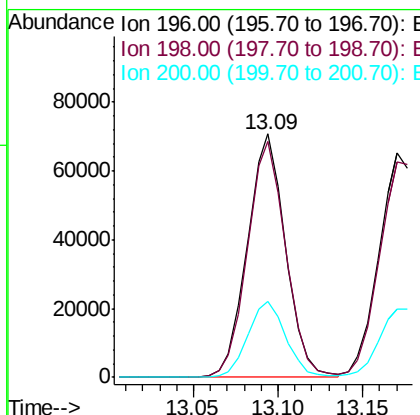
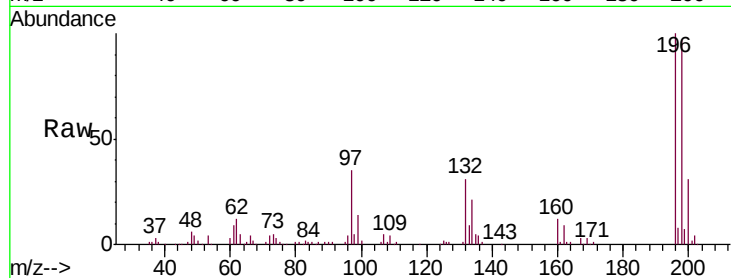




#43  
 2,4,6-Trichlorophenol  
 Concen: 53.278 ng  
 RT: 13.09 min Scan# 1703  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

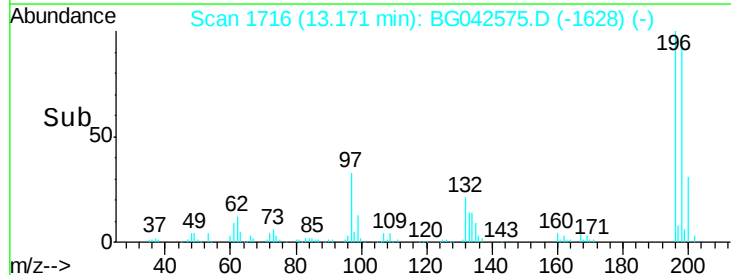
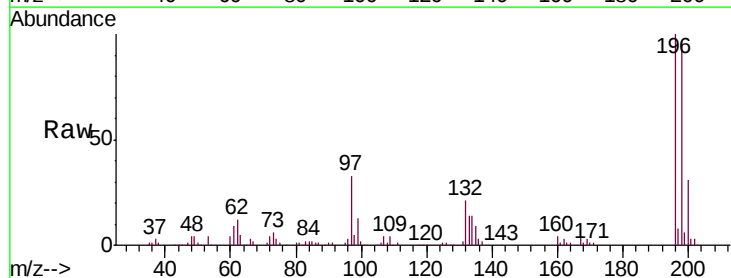
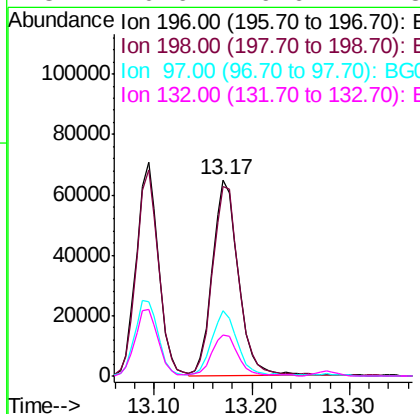
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

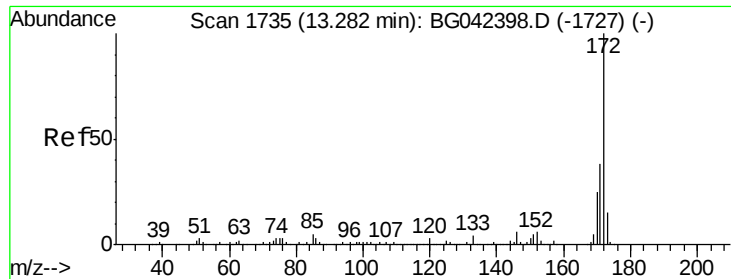
Tgt Ion:196 Resp: 111194  
 Ion Ratio Lower Upper  
 196 100  
 198 96.7 80.7 121.1  
 200 31.0 25.7 38.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 55.226 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

Tgt Ion:196 Resp: 119441  
 Ion Ratio Lower Upper  
 196 100  
 198 96.5 80.2 120.4  
 97 33.1 26.3 39.5  
 132 20.6 16.6 24.8

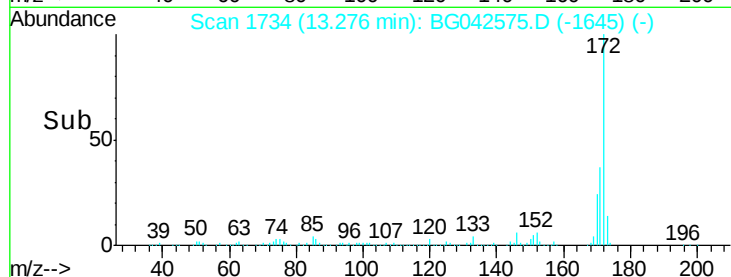
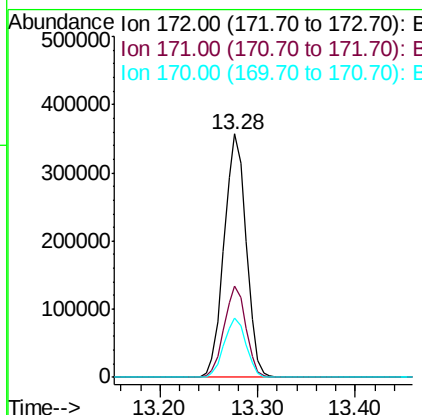
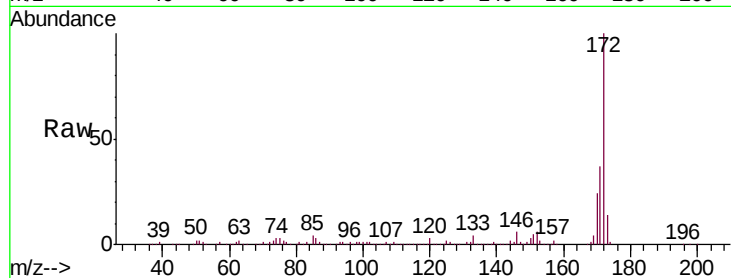




#45  
 2-Fluorobiphenyl  
 Concen: 98.387 ng  
 RT: 13.28 min Scan# 1734  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

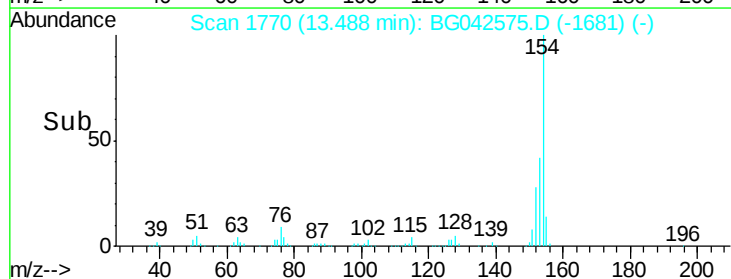
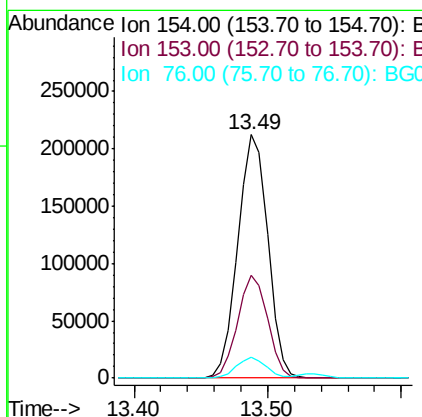
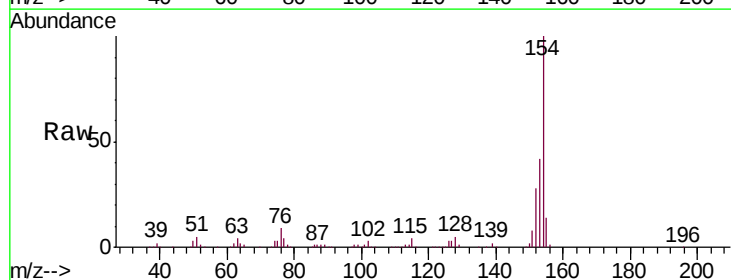
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

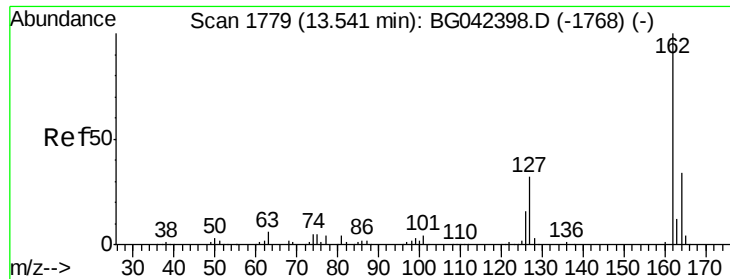
Tgt Ion:172 Resp: 559324  
 Ion Ratio Lower Upper  
 172 100  
 171 37.5 30.5 45.7  
 170 24.2 20.2 30.2



#46  
 1,1'-Biphenyl  
 Concen: 53.150 ng  
 RT: 13.49 min Scan# 1770  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

Tgt Ion:154 Resp: 330331  
 Ion Ratio Lower Upper  
 154 100  
 153 42.2 23.0 63.0  
 76 8.7 0.0 29.6

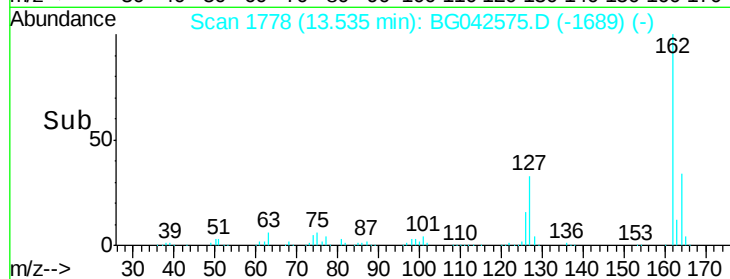
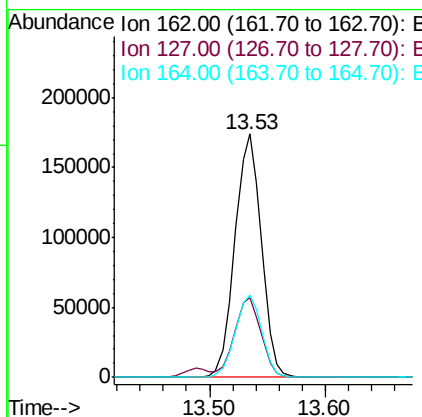
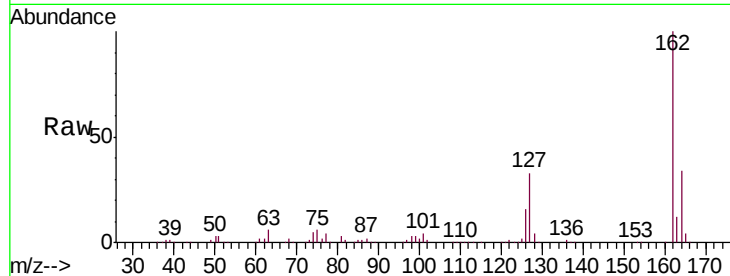




#47  
 2-Chloronaphthalene  
 Concen: 51.370 ng  
 RT: 13.53 min Scan# 1778  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

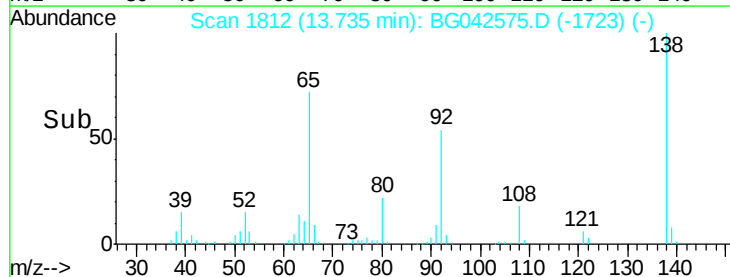
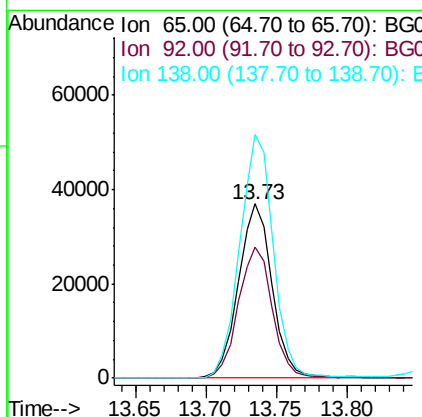
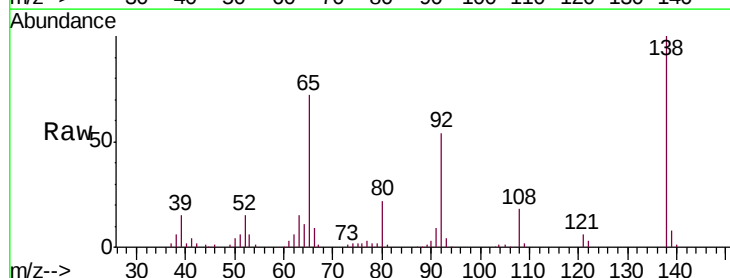
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

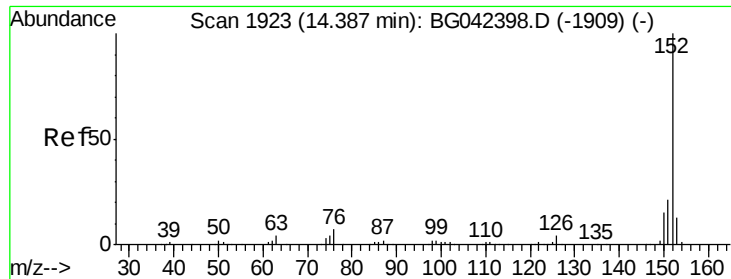
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 32.9  | 26.0  | 39.0  |
| 164     | 33.9  | 27.4  | 41.0  |



#48  
 2-Nitroaniline  
 Concen: 47.724 ng  
 RT: 13.73 min Scan# 1812  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 75.3  | 61.8  | 92.6  |
| 138     | 139.7 | 111.0 | 166.6 |





#49

Acenaphthylene

Concen: 53.013 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

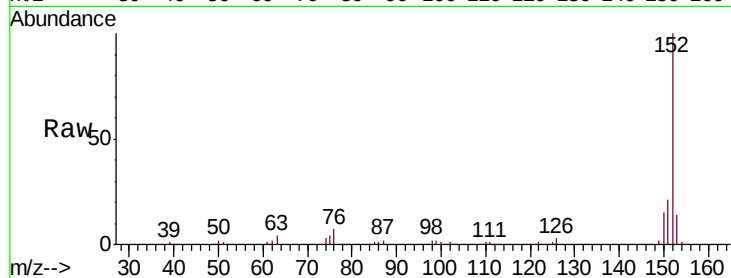
Tgt Ion:152 Resp: 427418

Ion Ratio Lower Upper

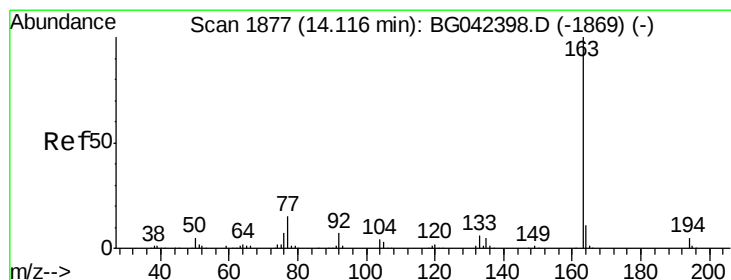
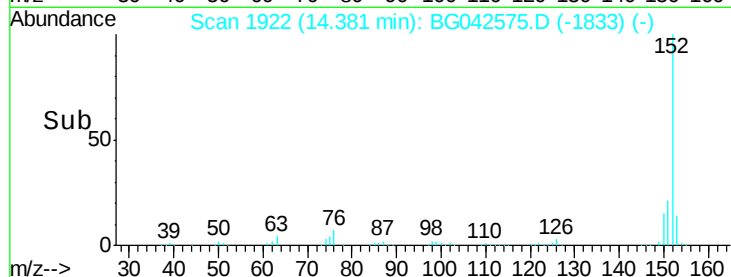
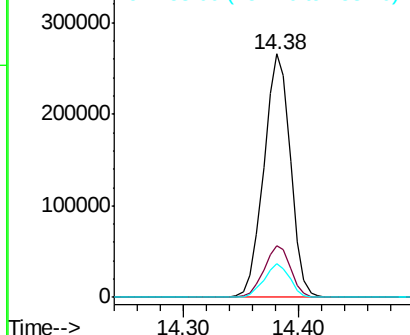
152 100

151 21.4 17.0 25.4

153 13.7 10.6 16.0



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: 62.194 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

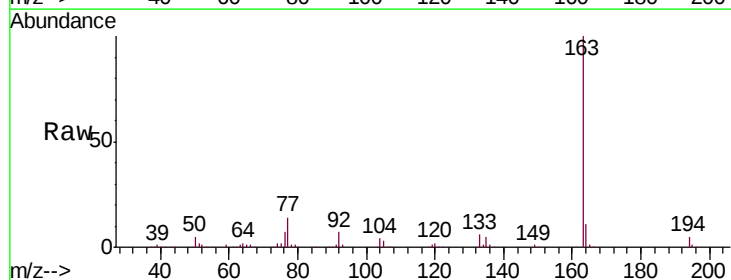
Tgt Ion:163 Resp: 431469

Ion Ratio Lower Upper

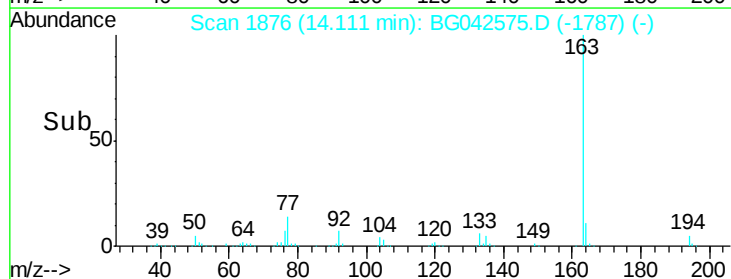
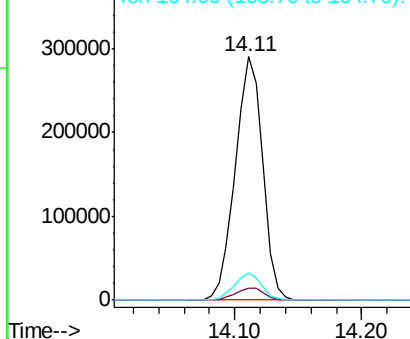
163 100

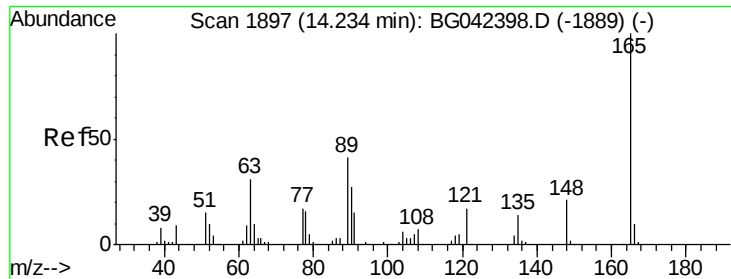
194 5.1 4.2 6.2

164 11.3 8.8 13.2



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

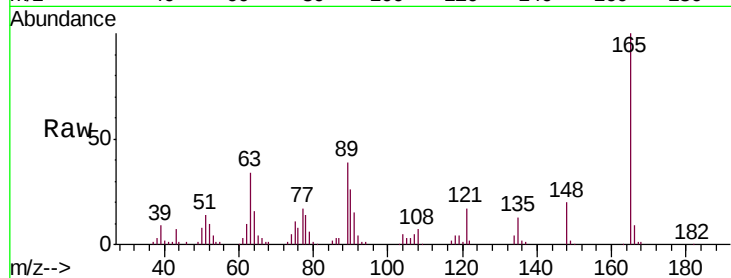




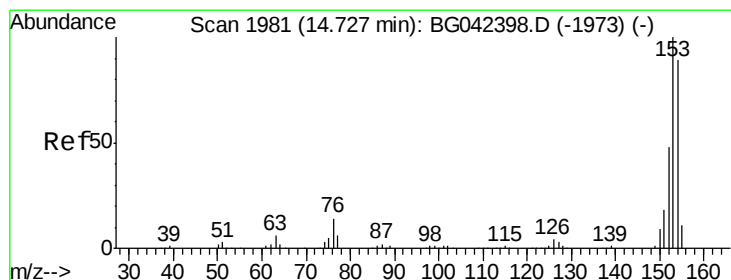
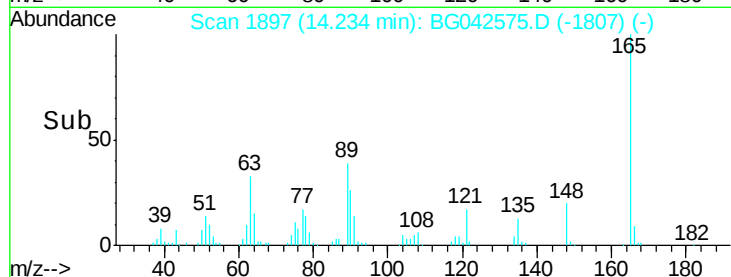
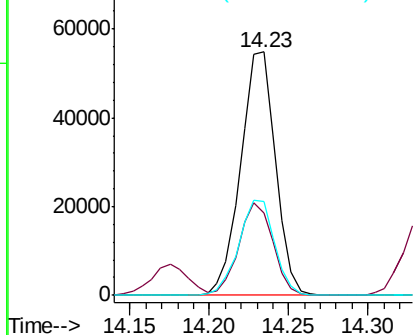
#51  
 2,6-Dinitrotoluene  
 Concen: 52.211 ng  
 RT: 14.23 min Scan# 1897  
 Delta R.T. 0.00 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

Tgt Ion:165 Resp: 83958  
 Ion Ratio Lower Upper  
 165 100  
 63 34.0 30.6 45.8  
 89 38.7 32.6 49.0

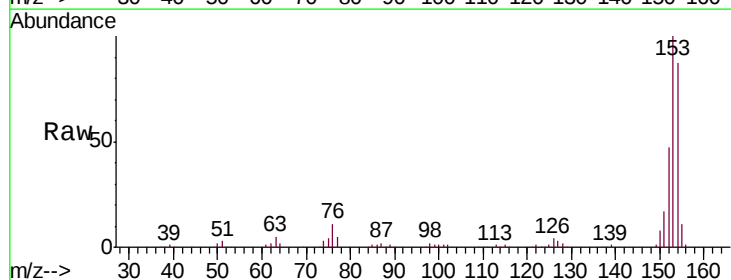


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGO  
 Ion 89.00 (88.70 to 89.70): BGO

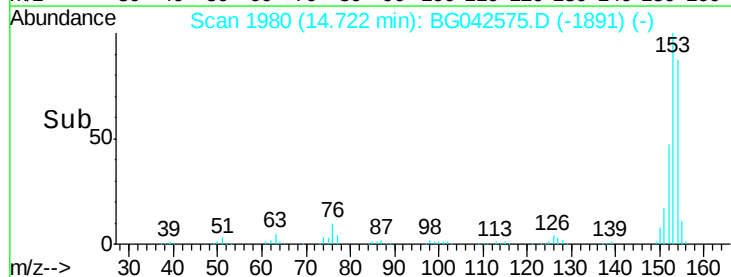
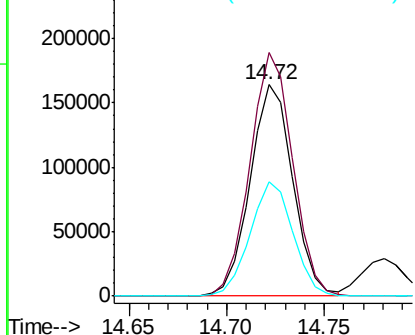


#52  
 Acenaphthene  
 Concen: 50.922 ng  
 RT: 14.72 min Scan# 1980  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

Tgt Ion:154 Resp: 249296  
 Ion Ratio Lower Upper  
 154 100  
 153 115.3 90.2 135.4  
 152 54.1 43.2 64.8



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: 28.877 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

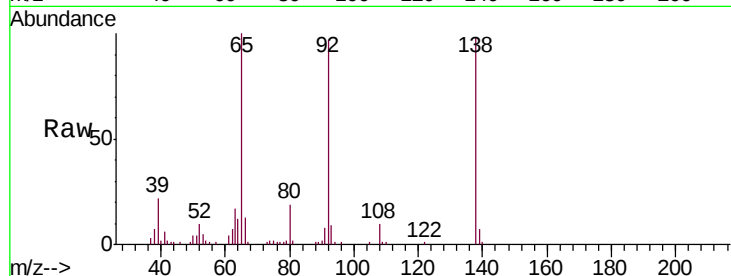
Tgt Ion:138 Resp: 46440

Ion Ratio Lower Upper

138 100

108 10.1 8.3 12.5

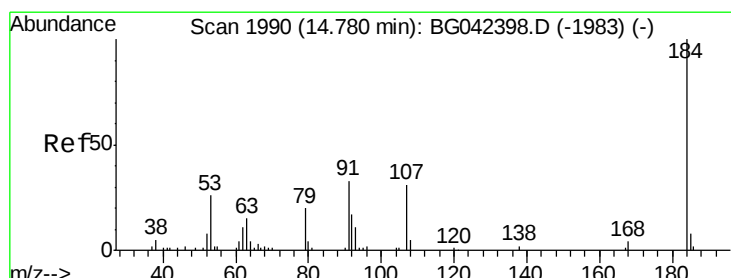
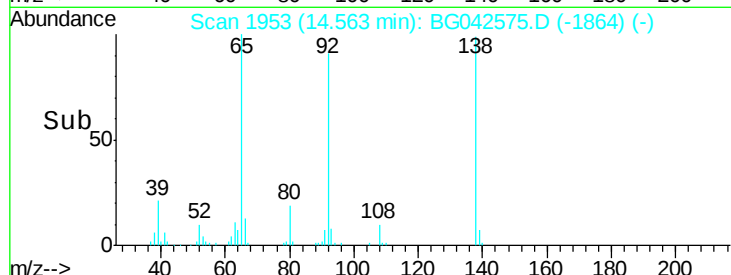
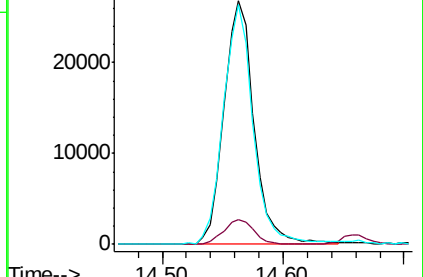
92 98.6 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 95.151 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

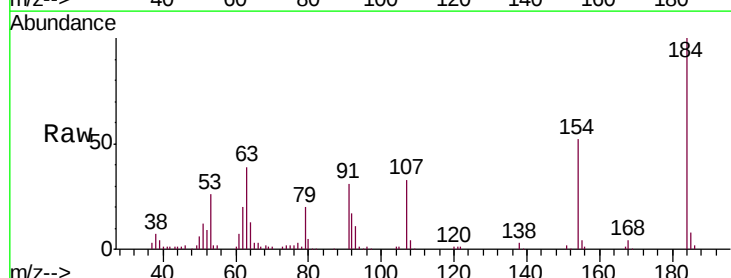
Tgt Ion:184 Resp: 104536

Ion Ratio Lower Upper

184 100

63 38.9 31.7 47.5

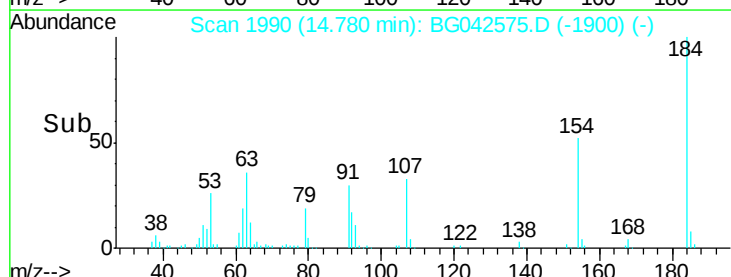
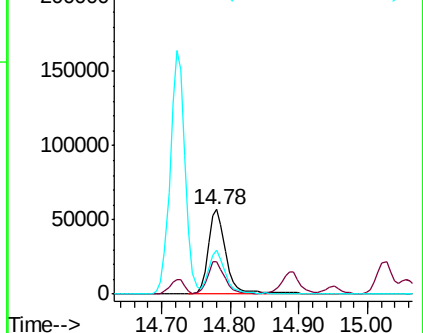
154 51.7 42.0 63.0



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

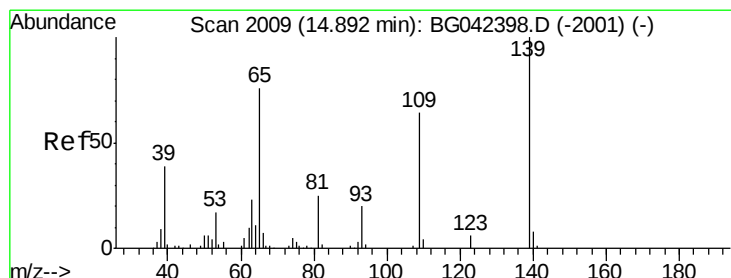
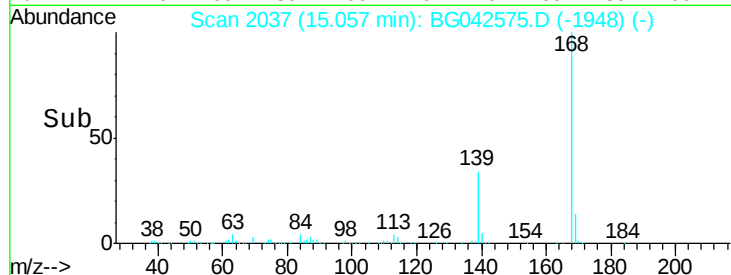
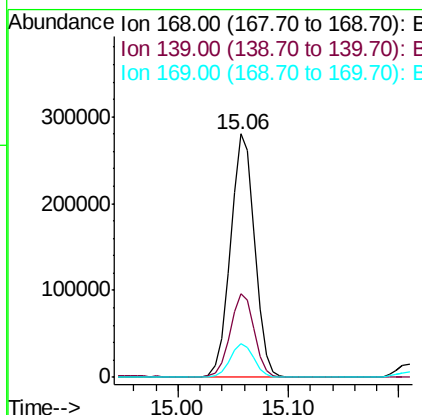
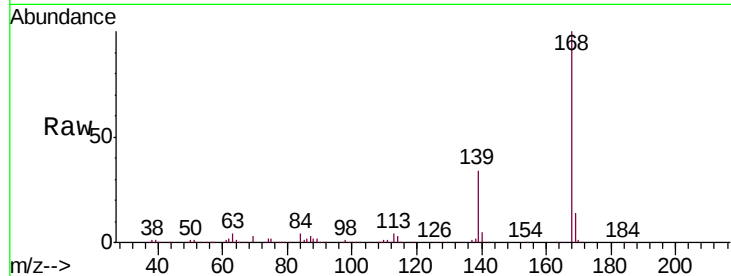




#55  
Dibenzenofuran  
Concen: 53.145 ng  
RT: 15.06 min Scan# 2037  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

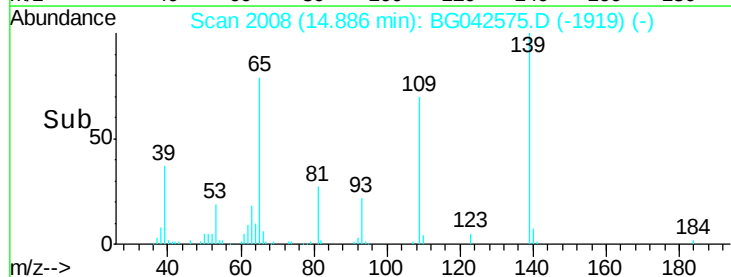
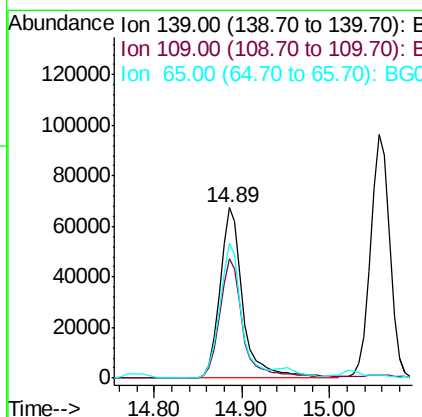
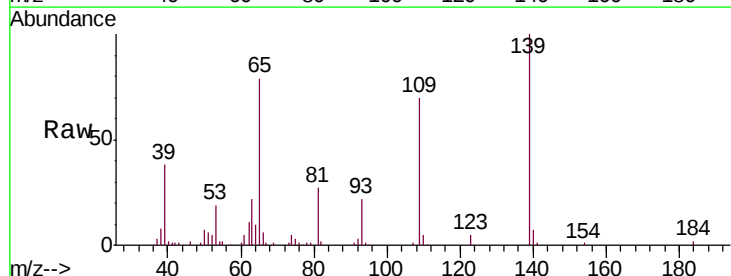
Instrument :  
BNA\_G  
ClientSampleId :  
S700A-N-1.0-1.5-082619MS

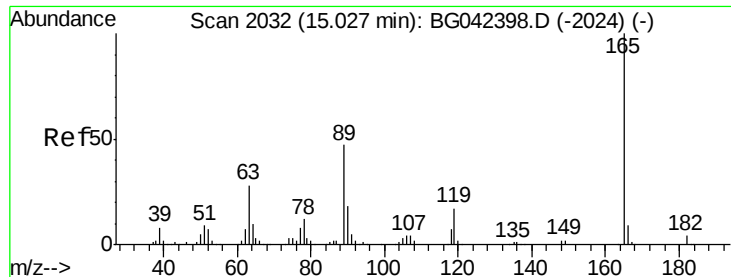
Tgt Ion:168 Resp: 430674  
Ion Ratio Lower Upper  
168 100  
139 34.4 27.2 40.8  
169 14.0 11.5 17.3



#56  
4-Nitrophenol  
Concen: 108.145 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

Tgt Ion:139 Resp: 123582  
Ion Ratio Lower Upper  
139 100  
109 69.9 43.9 83.9  
65 78.7 56.3 96.3

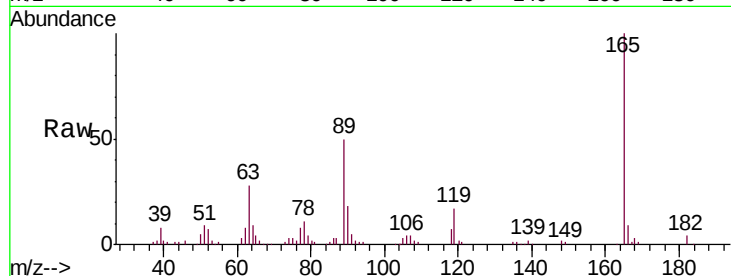




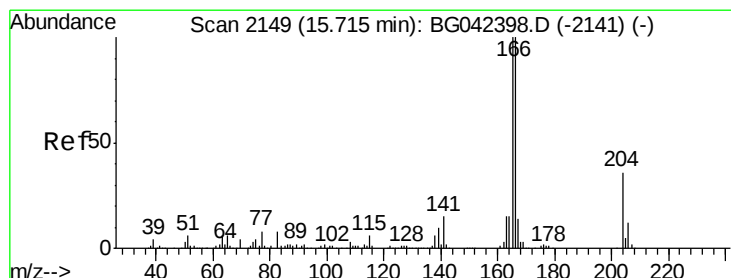
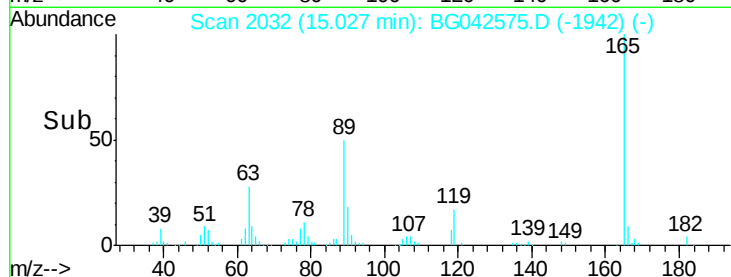
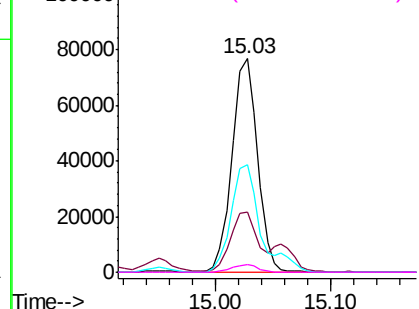
#57  
2,4-Dinitrotoluene  
Concen: 51.067 ng  
RT: 15.03 min Scan# 2032  
Delta R.T. 0.00 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

Instrument :  
BNA\_G  
ClientSampleId :  
S700A-N-1.0-1.5-082619MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 117591 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 28.3  | 22.5  | 33.7   |
| 89       | 50.1  | 37.8  | 56.6   |
| 182      | 3.6   | 3.0   | 4.4    |

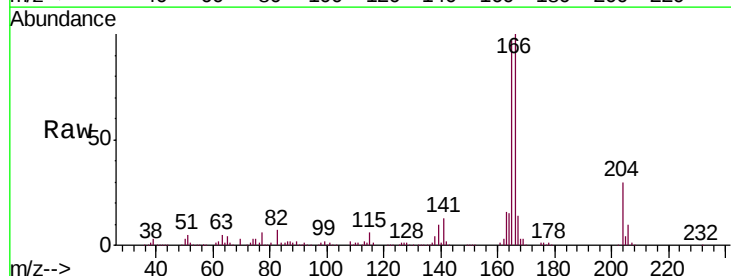


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG  
Ion 182.00 (181.70 to 182.70): E

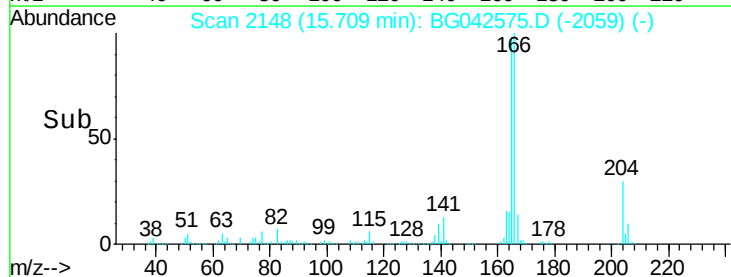
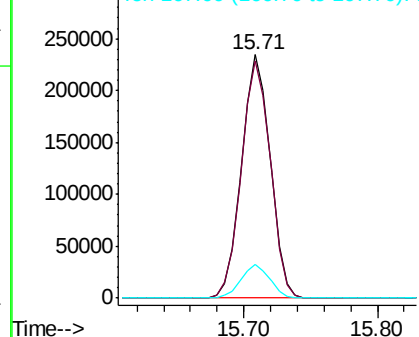


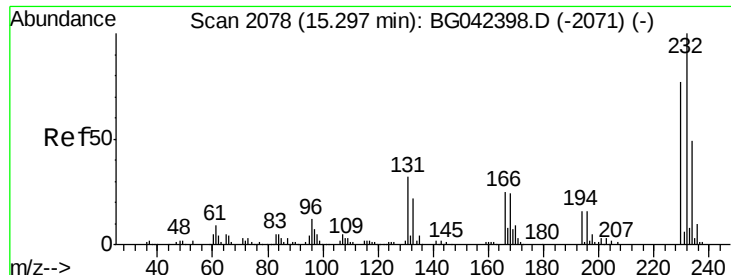
#58  
Fluorene  
Concen: 52.647 ng  
RT: 15.71 min Scan# 2148  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 348756 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 97.4  | 79.7  | 119.5  |
| 167      | 14.0  | 10.9  | 16.3   |



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

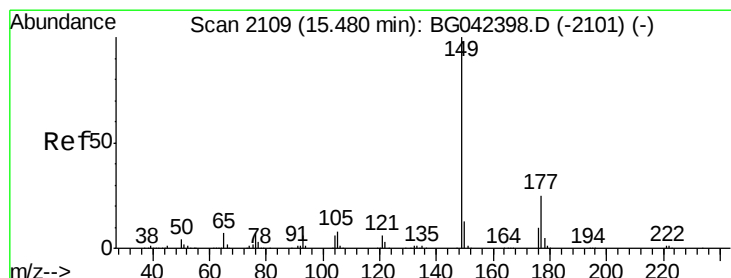
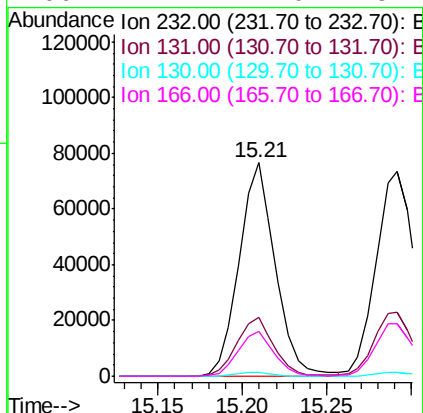
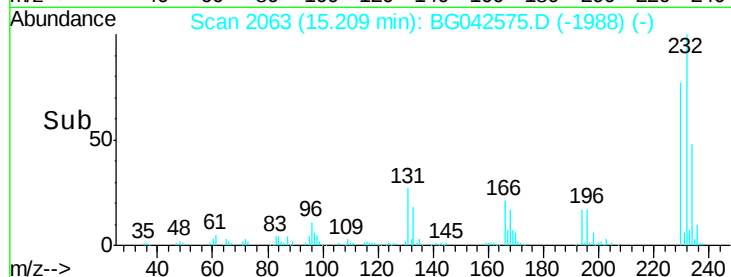
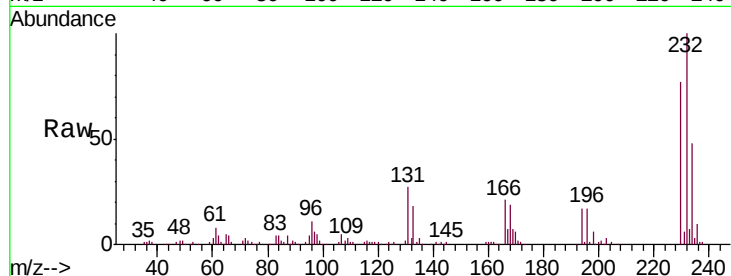




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 53.447 ng  
 RT: 15.21 min Scan# 2063  
 Delta R.T. -0.09 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

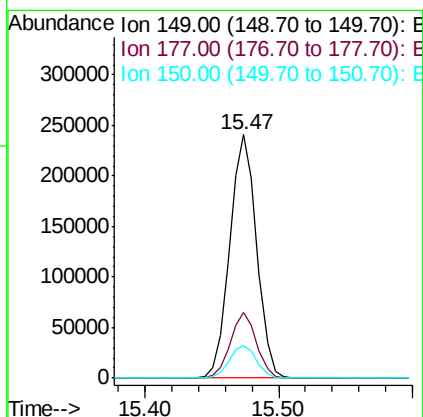
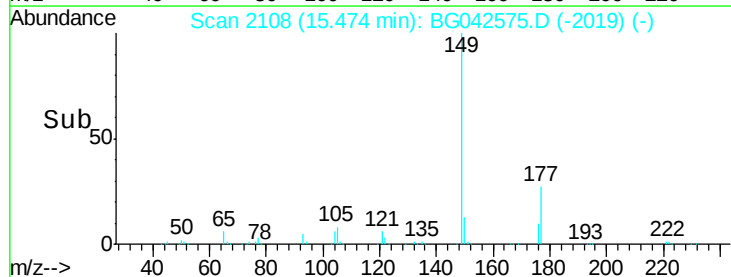
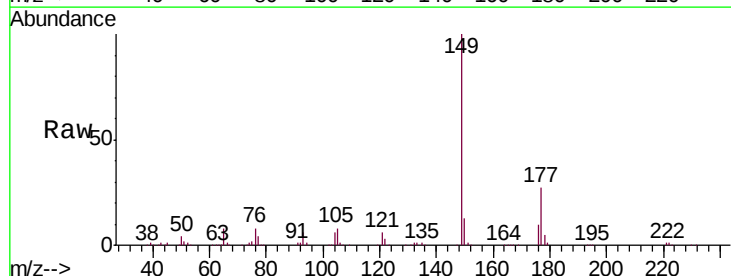
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

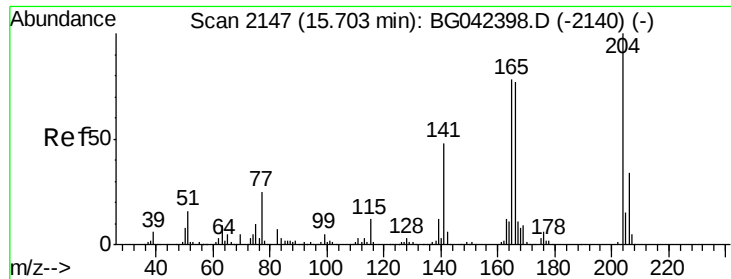
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 114314 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 27.9  | 22.9  | 34.3   |
| 130      | 1.7   | 1.4   | 2.0    |
| 166      | 21.1  | 17.0  | 25.4   |



#60  
 Diethylphthalate  
 Concen: 49.687 ng  
 RT: 15.47 min Scan# 2108  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 336964 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 27.0  | 20.4  | 30.6   |
| 150      | 13.2  | 10.3  | 15.5   |

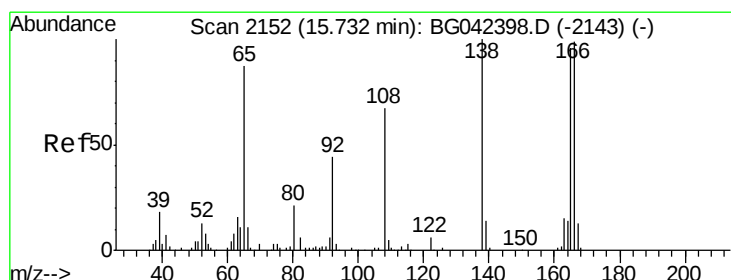
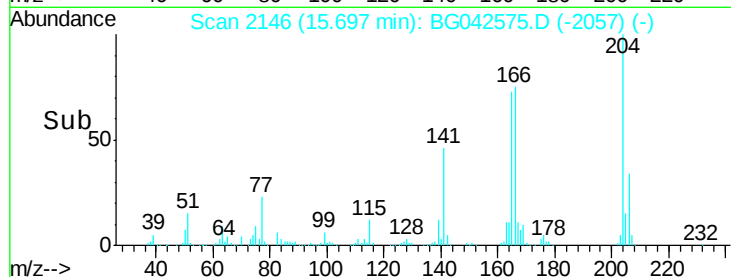
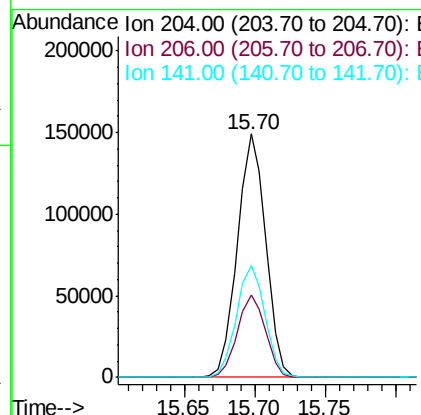
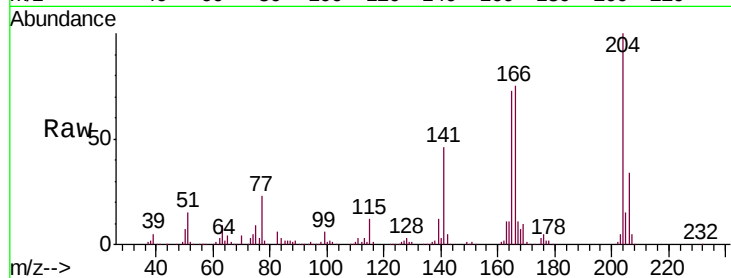




#61  
 4-Chlorophenyl-phenylether  
 Concen: 52.148 ng  
 RT: 15.70 min Scan# 2146  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

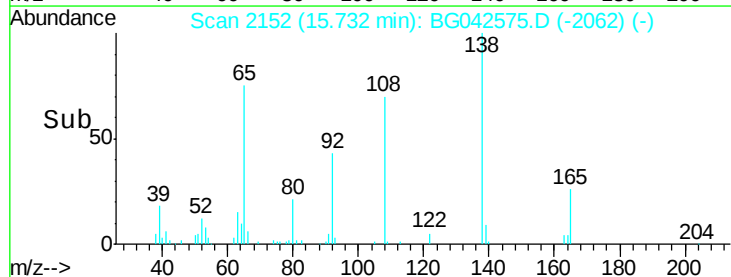
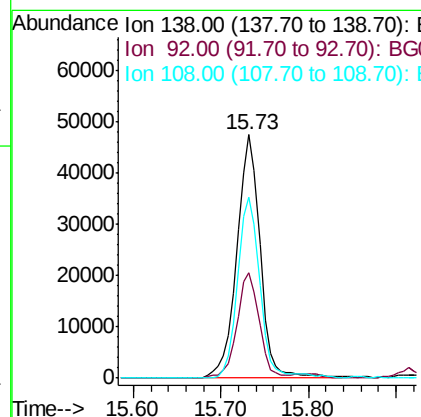
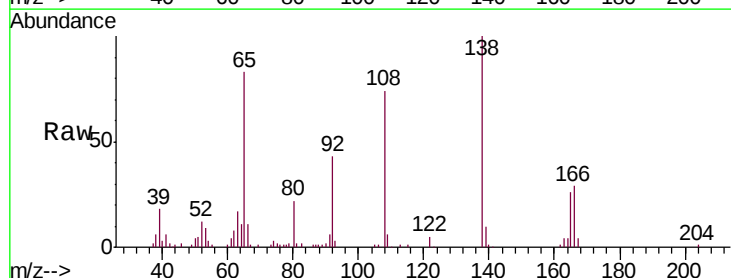
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

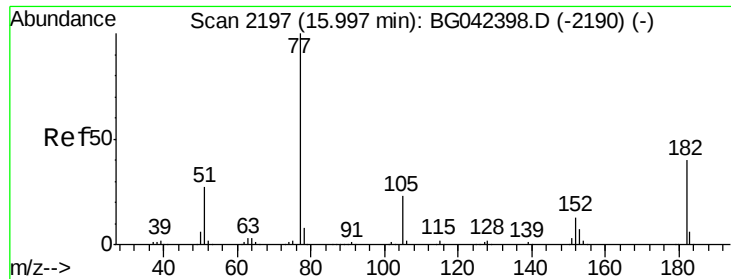
Tgt Ion: 204 Resp: 208239  
 Ion Ratio Lower Upper  
 204 100  
 206 34.0 27.2 40.8  
 141 45.7 38.7 58.1



#62  
 4-Nitroaniline  
 Concen: 49.860 ng  
 RT: 15.73 min Scan# 2152  
 Delta R.T. 0.00 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

Tgt Ion: 138 Resp: 85818  
 Ion Ratio Lower Upper  
 138 100  
 92 43.5 24.2 64.2  
 108 74.2 46.8 86.8

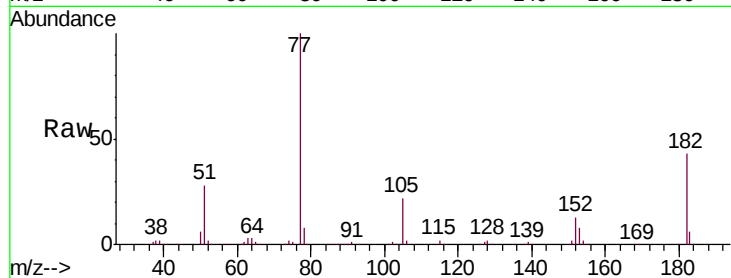




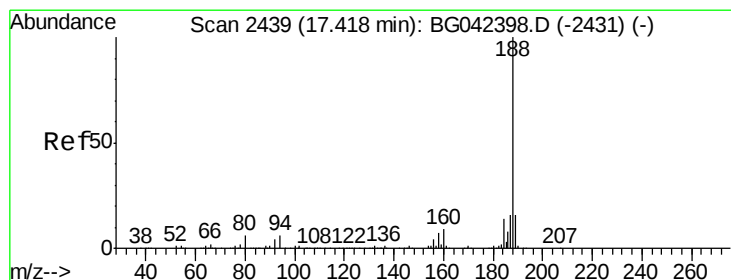
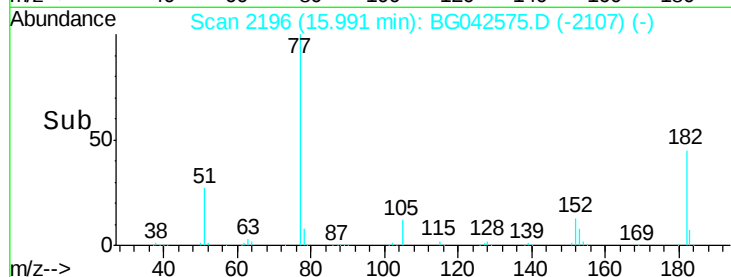
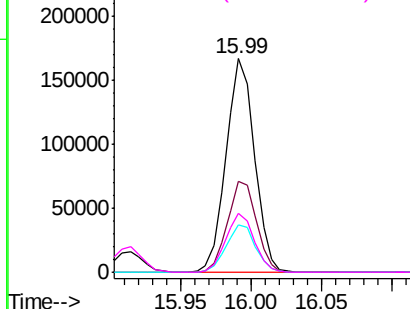
#63  
Azobenzene  
Concen: 50.086 ng  
RT: 15.99 min Scan# 2196  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

Instrument :  
BNA\_G  
ClientSampleId :  
S700A-N-1.0-1.5-082619MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 232752 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 42.8  | 19.9  | 59.9   |
| 105      | 22.4  | 2.9   | 42.9   |
| 51       | 27.8  | 7.6   | 47.6   |

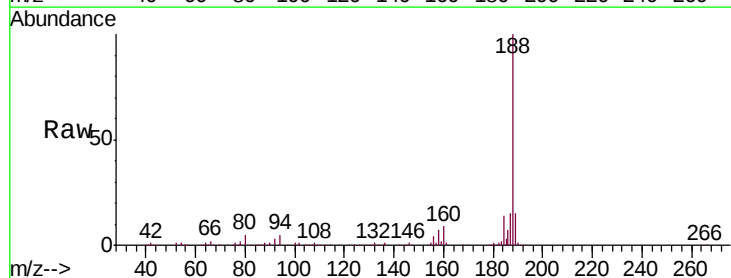


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

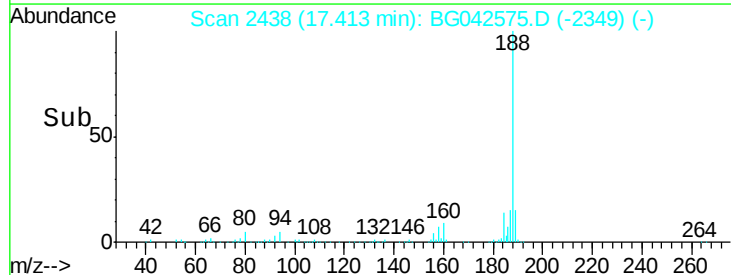
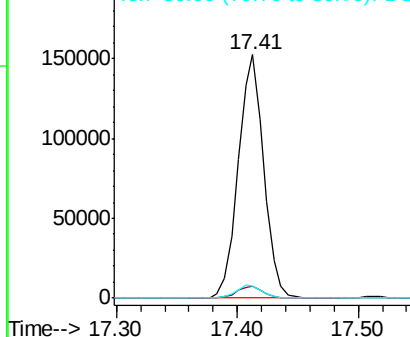


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2438  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 223696 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 4.7   | 4.5   | 6.7    |
| 80       | 5.0   | 4.9   | 7.3    |



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: 58.372 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

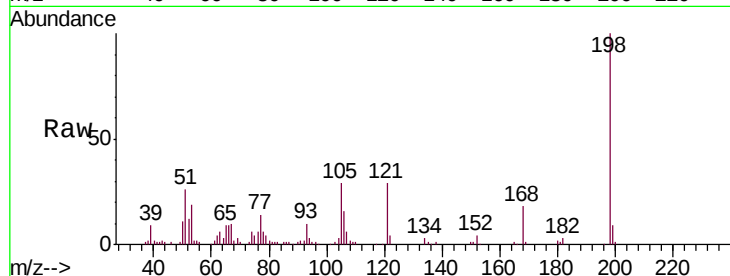
Tgt Ion:198 Resp: 81865

Ion Ratio Lower Upper

198 100

51 25.5 4.2 44.2

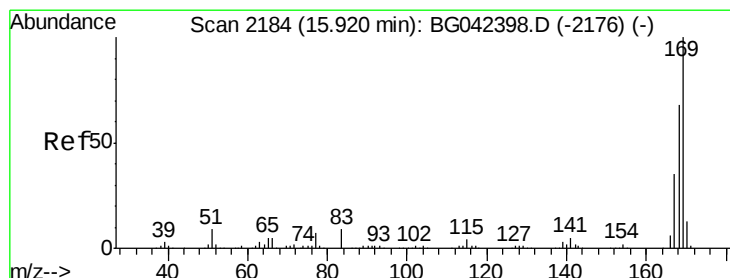
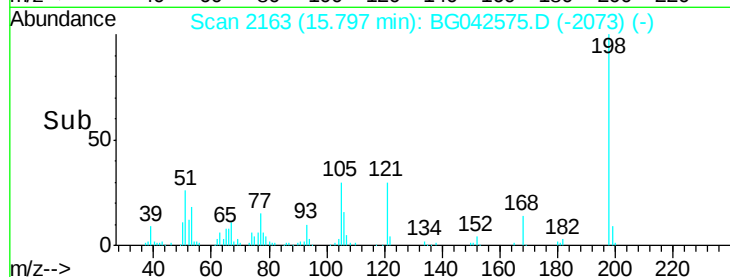
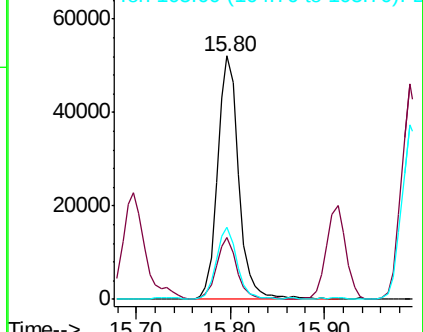
105 29.4 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.706 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

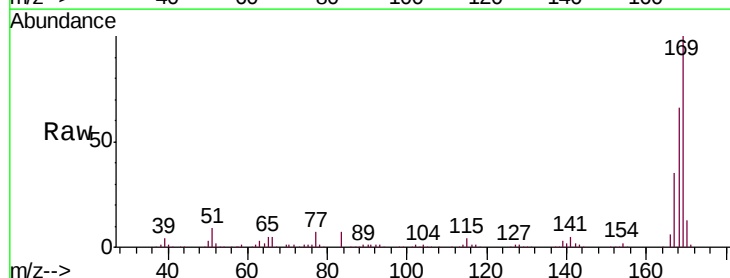
Tgt Ion:169 Resp: 324237

Ion Ratio Lower Upper

169 100

168 66.2 54.3 81.5

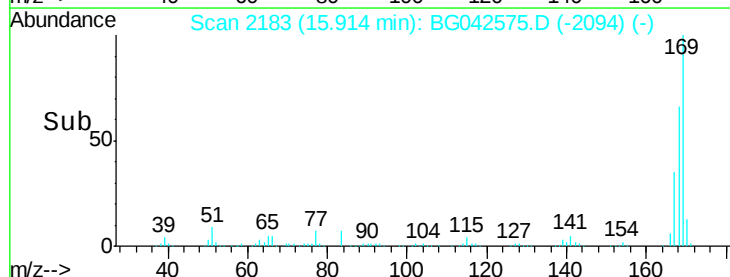
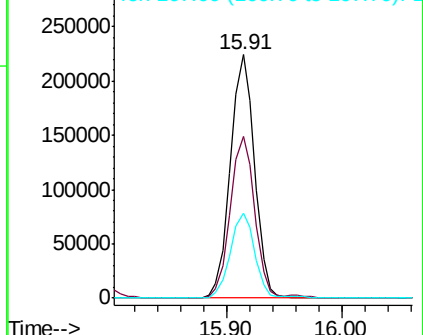
167 35.0 28.2 42.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

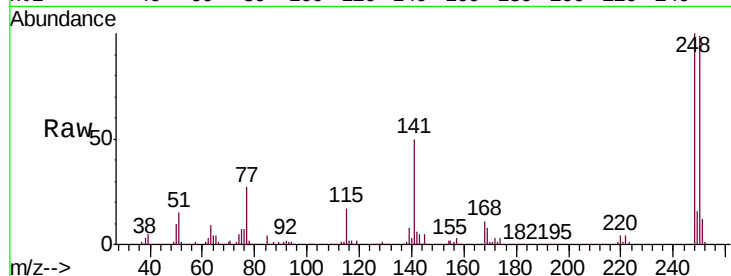




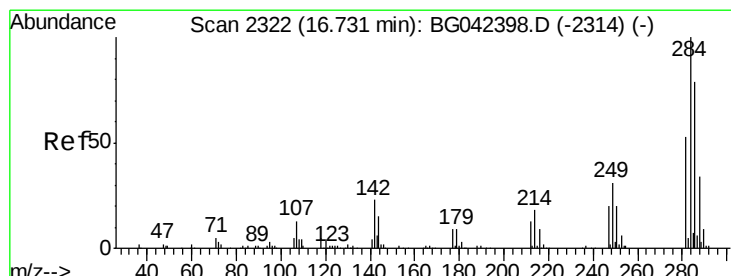
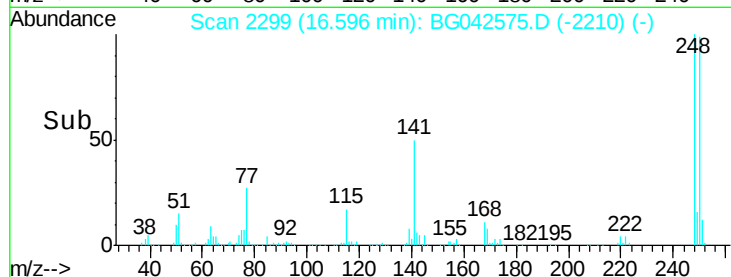
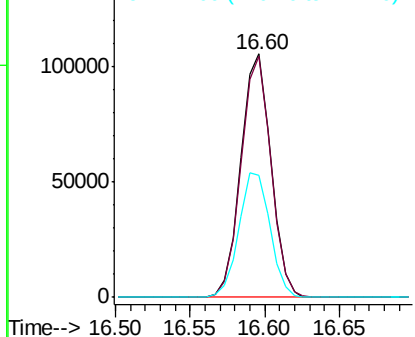
#67  
 4-Bromophenyl-phenylether  
 Concen: 51.871 ng  
 RT: 16.60 min Scan# 2299  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

Tgt Ion:248 Resp: 147180  
 Ion Ratio Lower Upper  
 248 100  
 250 98.9 78.9 118.3  
 141 49.9 43.3 64.9

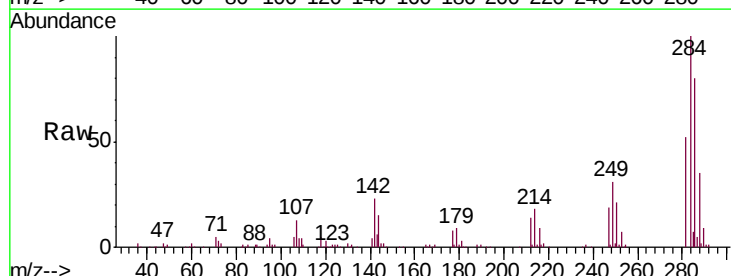


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

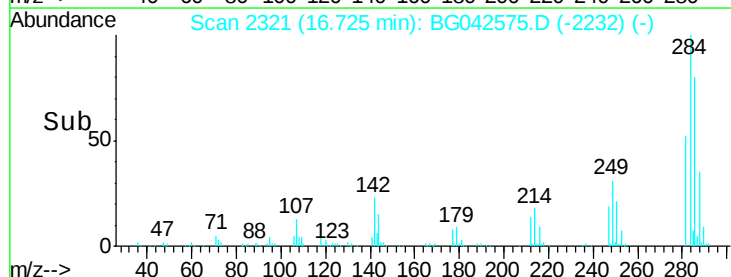
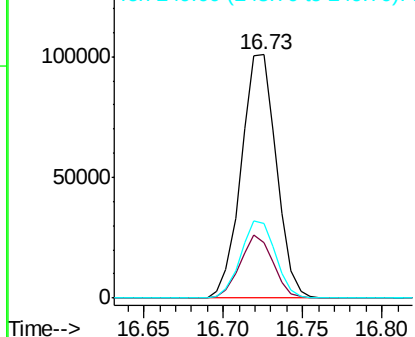


#68  
 Hexachlorobenzene  
 Concen: 50.271 ng  
 RT: 16.73 min Scan# 2321  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

Tgt Ion:284 Resp: 155061  
 Ion Ratio Lower Upper  
 284 100  
 142 22.7 18.2 27.4  
 249 30.6 25.0 37.4



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





#69

Atrazine

Concen: 57.471 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

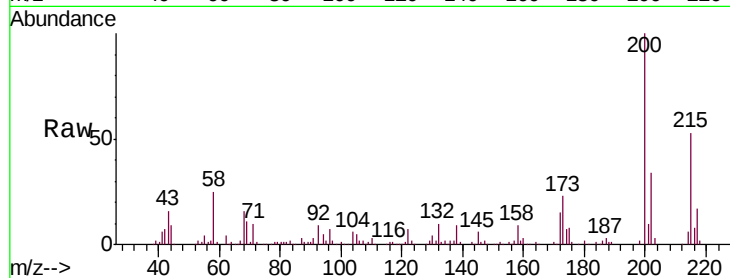
Tgt Ion:200 Resp: 125027

Ion Ratio Lower Upper

200 100

173 23.1 4.9 44.9

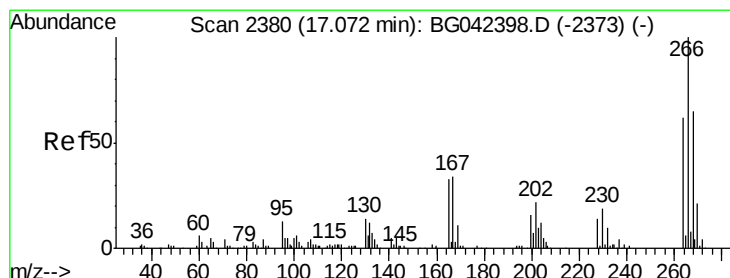
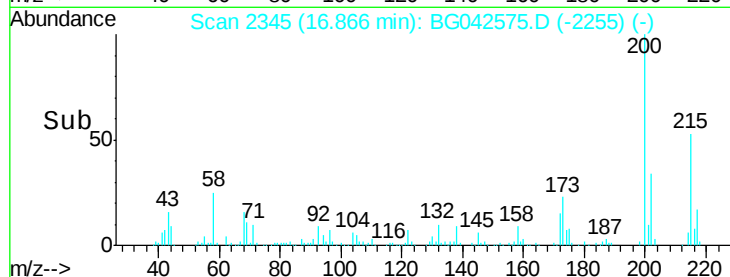
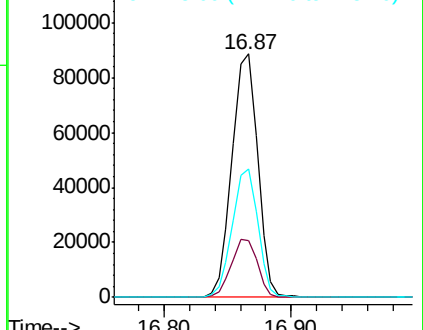
215 52.6 30.7 70.7



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: 119.121 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

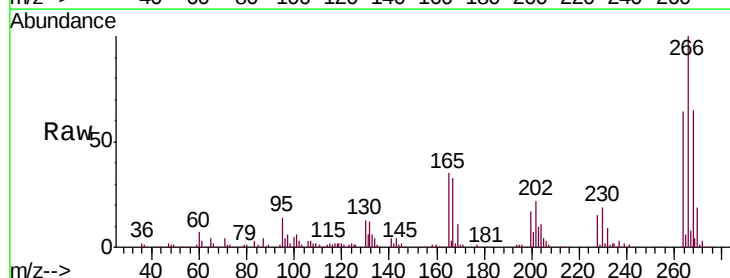
Tgt Ion:266 Resp: 190911

Ion Ratio Lower Upper

266 100

268 64.7 52.1 78.1

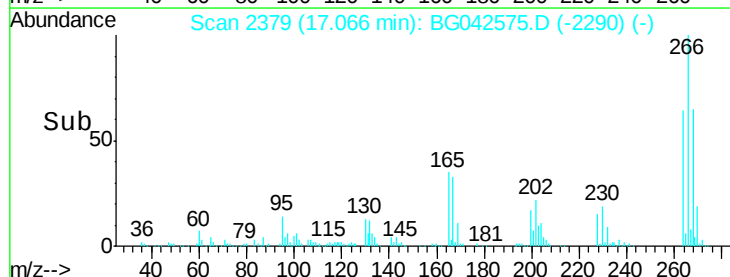
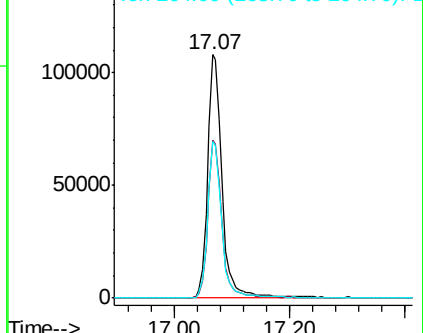
264 64.3 49.4 74.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

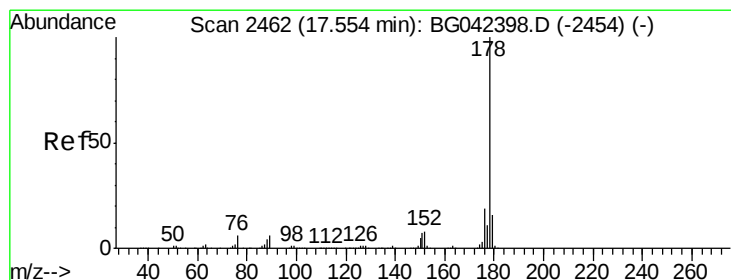
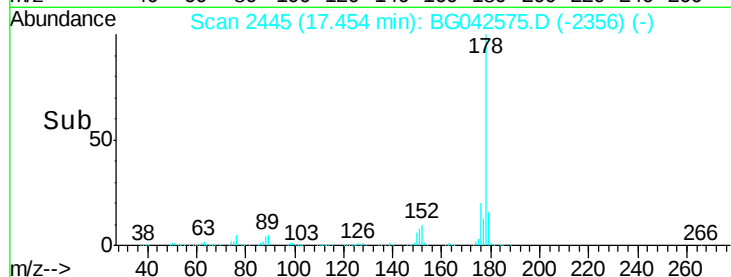
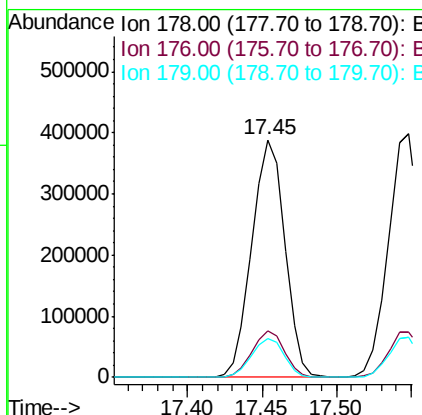
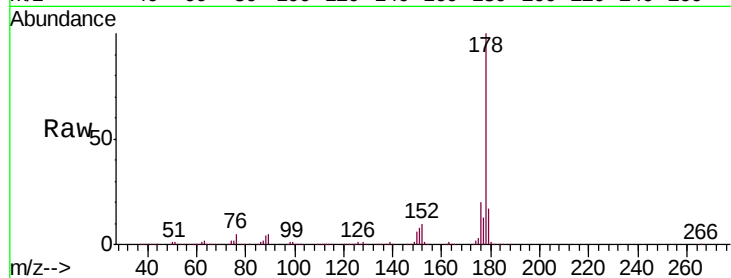




#71  
Phenanthrene  
Concen: 53.495 ng  
RT: 17.45 min Scan# 2445  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

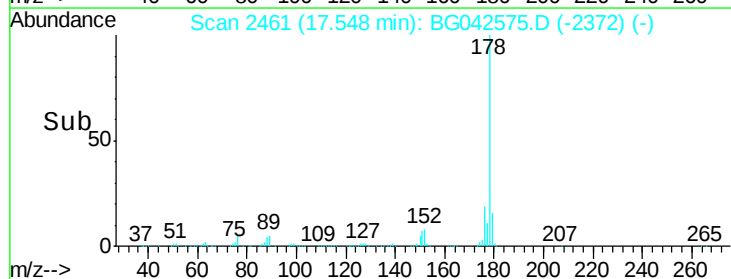
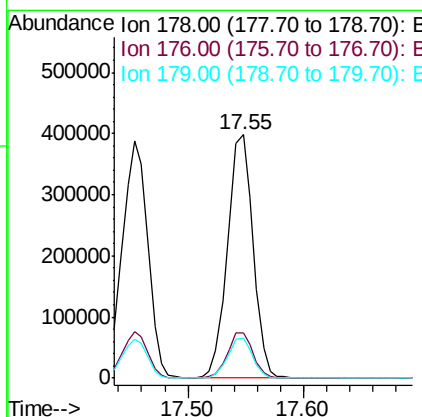
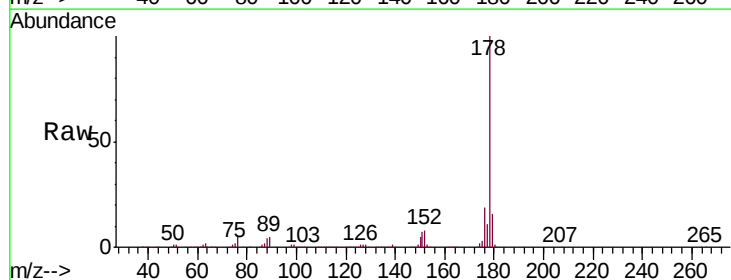
Instrument :  
BNA\_G  
ClientSampleId :  
S700A-N-1.0-1.5-082619MS

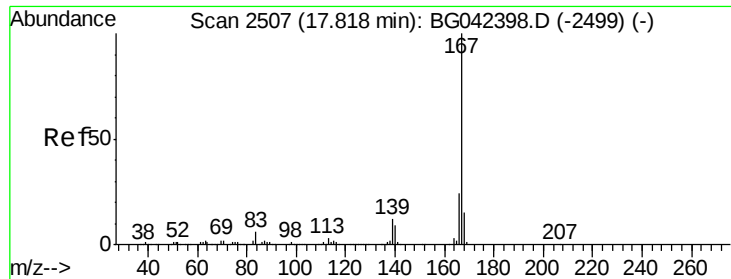
Tgt Ion:178 Resp: 594405  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.9 23.9  
179 16.6 12.7 19.1



#72  
Anthracene  
Concen: 54.964 ng  
RT: 17.55 min Scan# 2461  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

Tgt Ion:178 Resp: 609689  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.5 23.3  
179 16.3 12.9 19.3

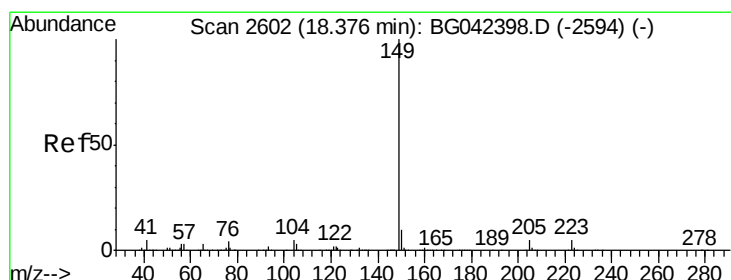
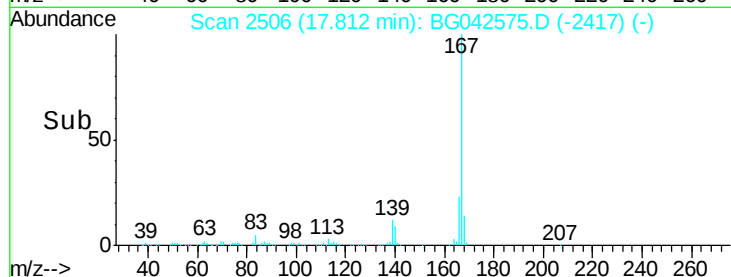
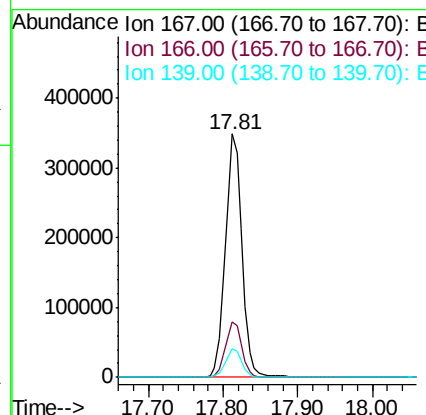
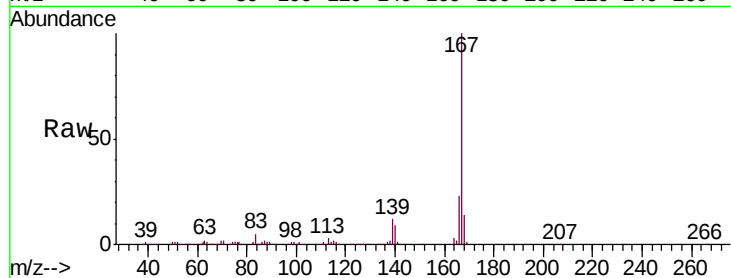




#73  
 Carbazole  
 Concen: 54.560 ng  
 RT: 17.81 min Scan# 2506  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

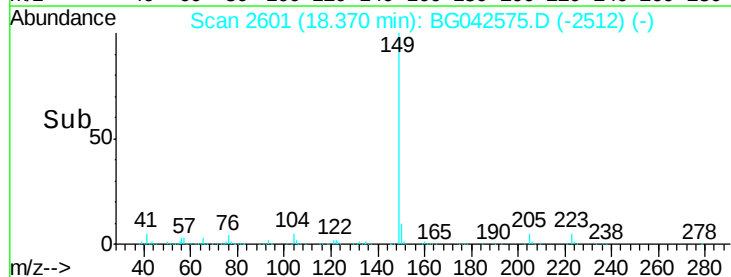
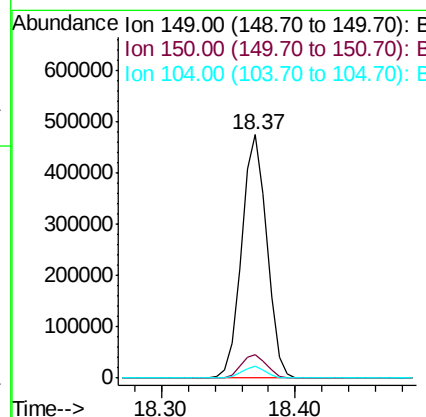
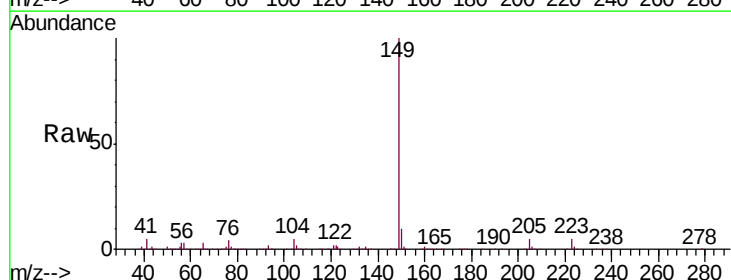
Instrument :  
 BNA\_G  
 ClientSampleId :  
 S700A-N-1.0-1.5-082619MS

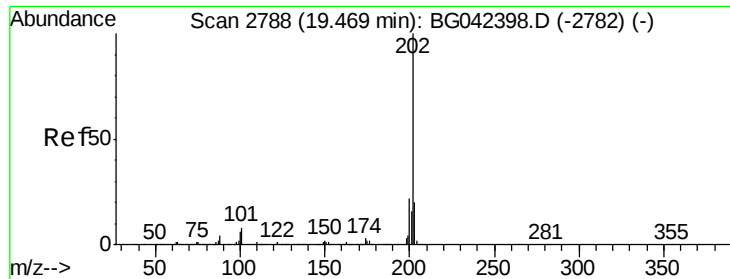
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.8  | 18.9  | 28.3  |
| 139     | 11.7  | 9.8   | 14.6  |



#74  
 Di-n-butylphthalate  
 Concen: 53.023 ng  
 RT: 18.37 min Scan# 2601  
 Delta R.T. -0.01 min  
 Lab File: BG042575.D  
 Acq: 29 Aug 2019 21:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.9   | 8.1   | 12.1  |
| 104     | 4.7   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 57.465 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

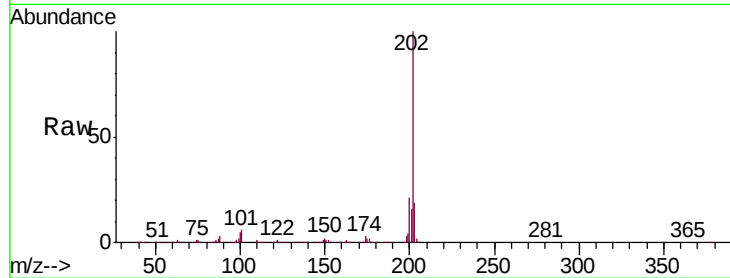
Instrument :

BNA\_G

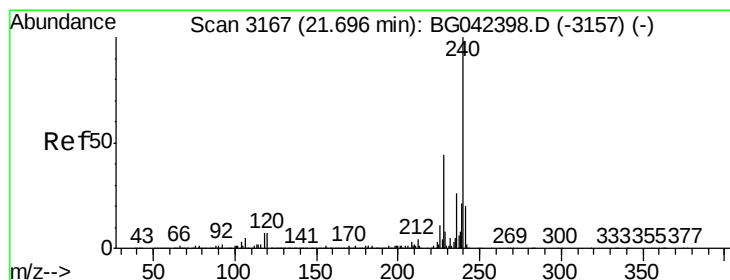
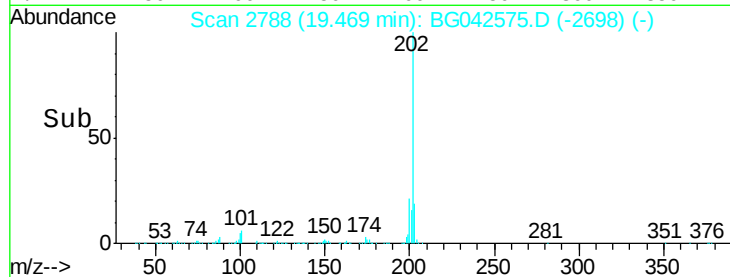
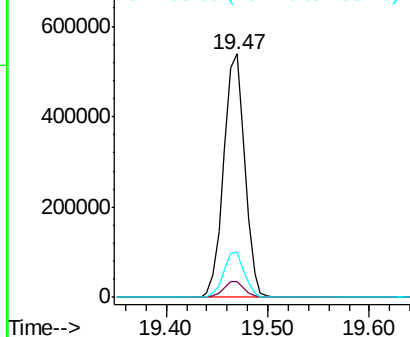
ClientSampleId :

S700A-N-1.0-1.5-082619MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 779255 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 6.2   | 0.0   | 28.3   |
| 203      | 18.8  | 0.0   | 39.6   |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

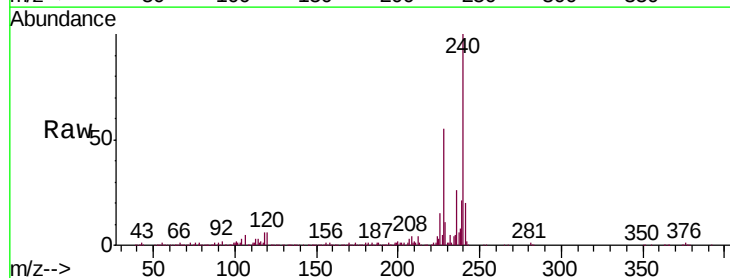
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

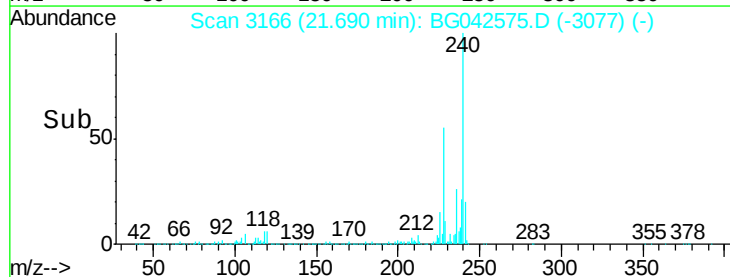
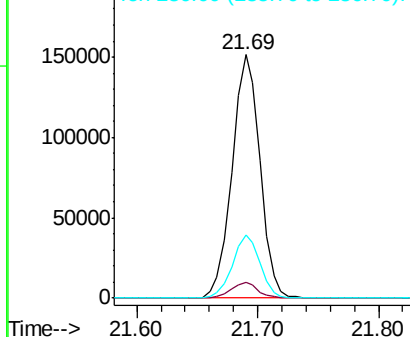
Lab File: BG042575.D

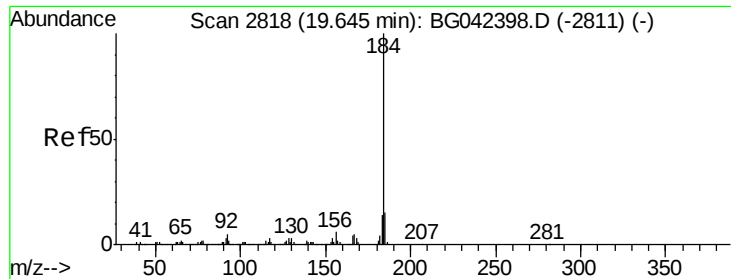
Acq: 29 Aug 2019 21:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 243346 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 6.2   | 5.7   | 8.5    |
| 236      | 26.0  | 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





#77

Benzidine

Concen: 55.216 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

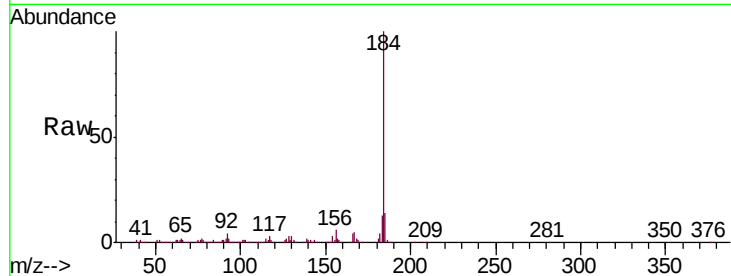
Tgt Ion:184 Resp: 385233

Ion Ratio Lower Upper

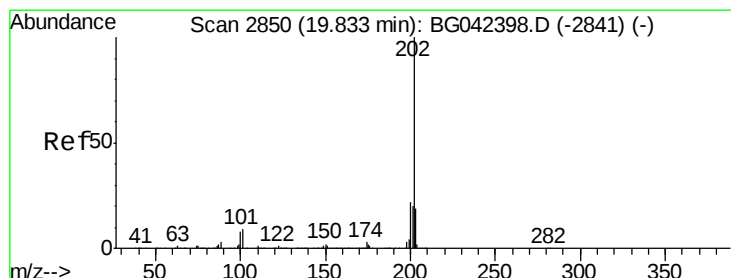
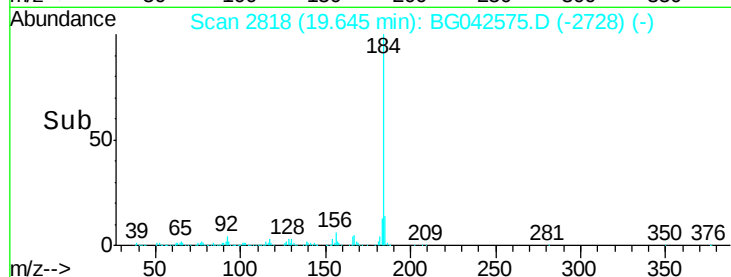
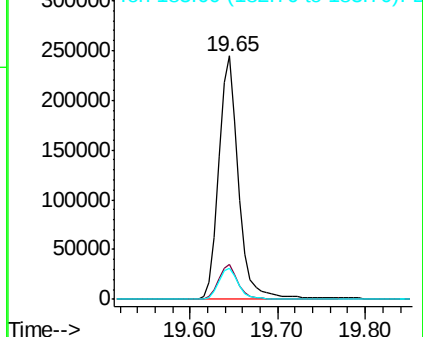
184 100

185 14.2 12.2 18.4

183 12.9 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.591 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

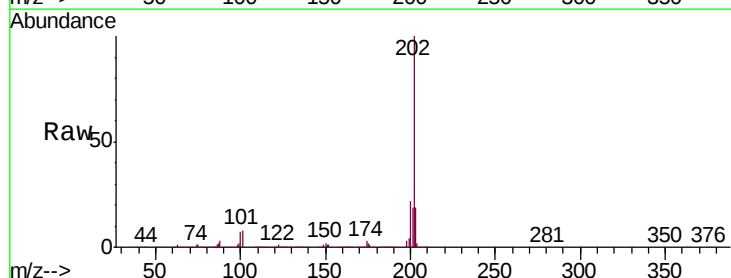
Tgt Ion:202 Resp: 784624

Ion Ratio Lower Upper

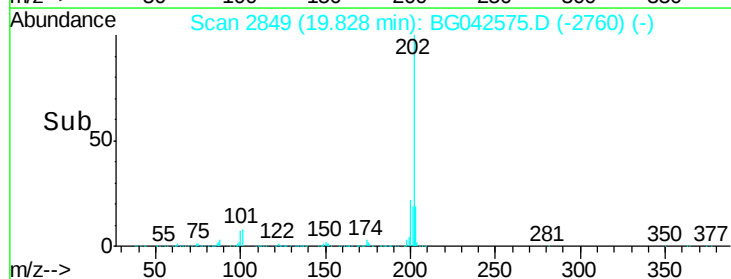
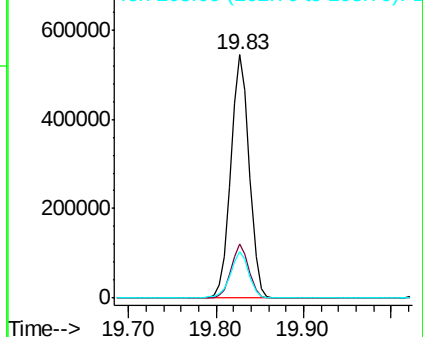
202 100

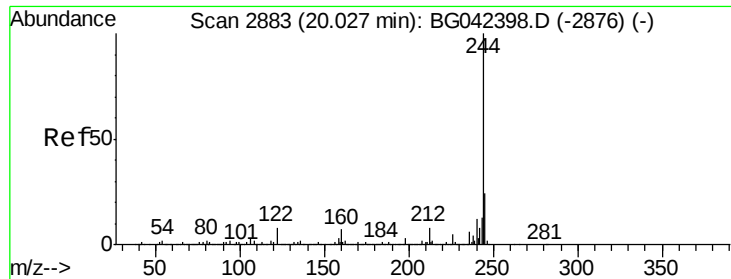
200 22.3 17.8 26.6

203 19.2 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.188 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

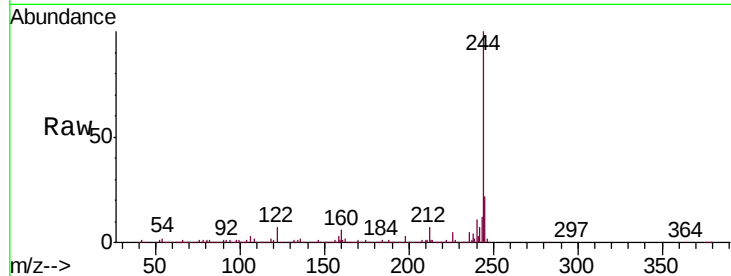
Tgt Ion:244 Resp: 992643

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

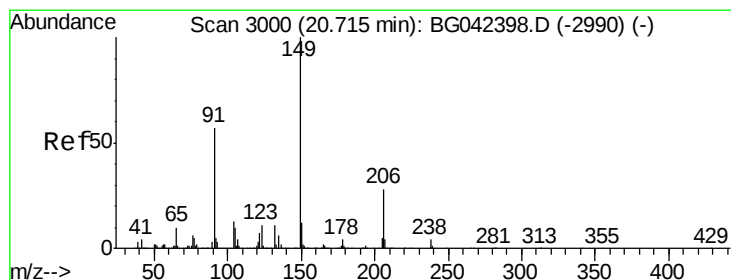
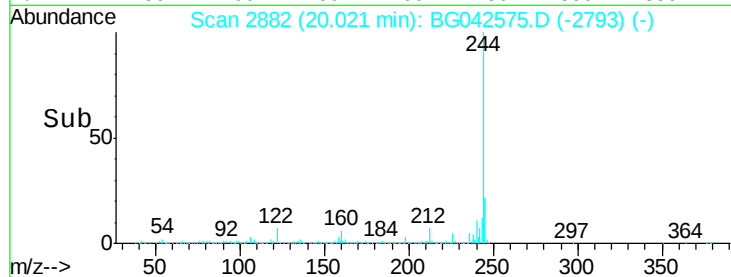
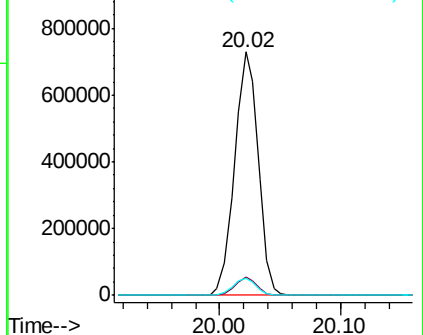
122 7.1 6.7 10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.046 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

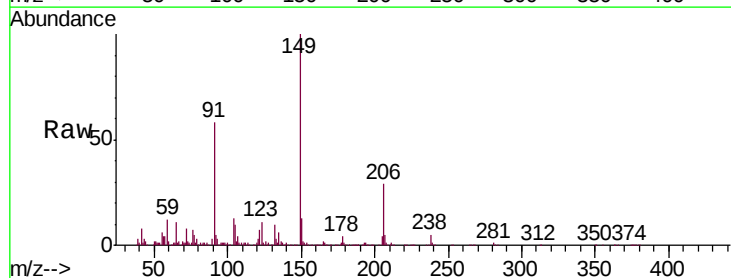
Tgt Ion:149 Resp: 287810

Ion Ratio Lower Upper

149 100

91 58.1 45.9 68.9

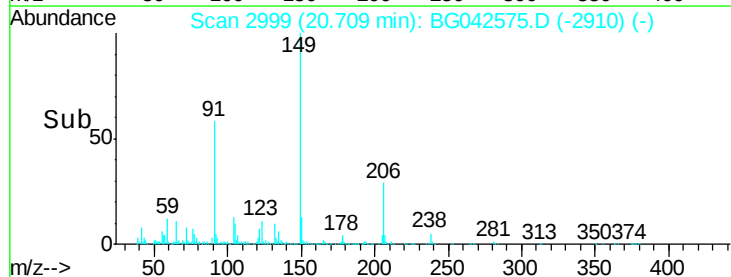
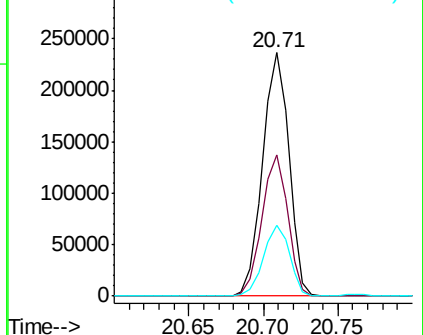
206 29.0 22.5 33.7

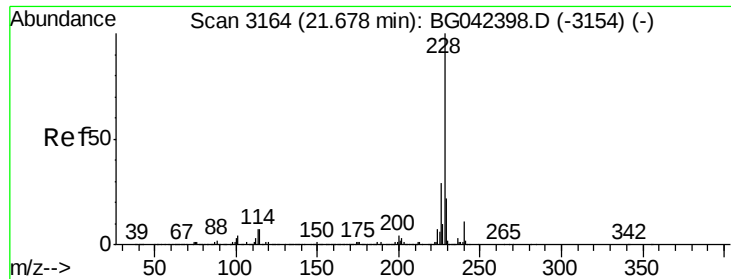


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.186 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

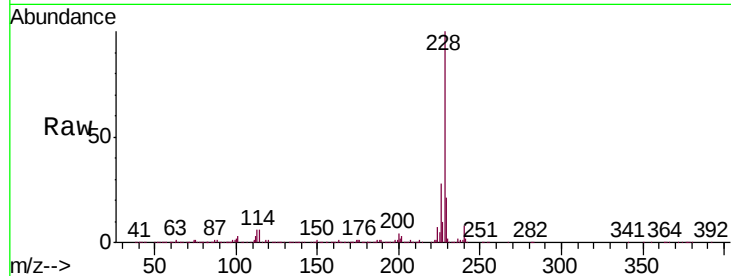
Tgt Ion:228 Resp: 787320

Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.2

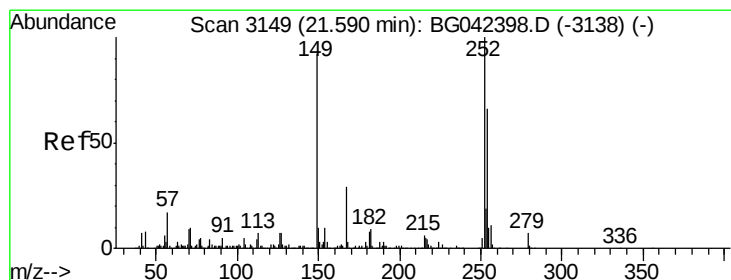
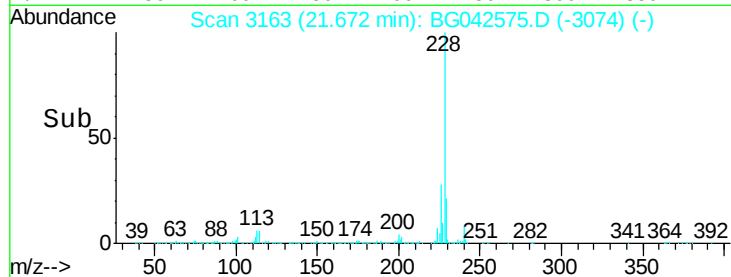
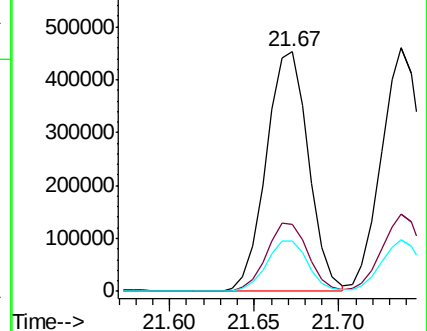
229 21.0 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.090 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

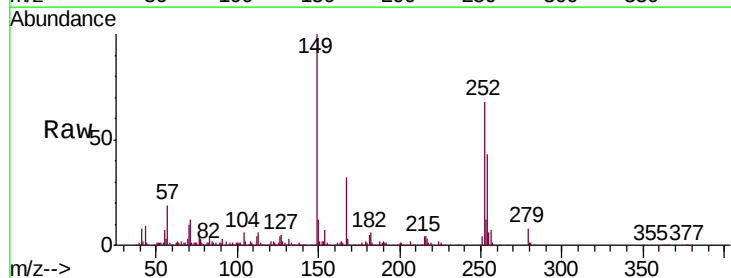
Tgt Ion:252 Resp: 244635

Ion Ratio Lower Upper

252 100

254 63.4 53.0 79.4

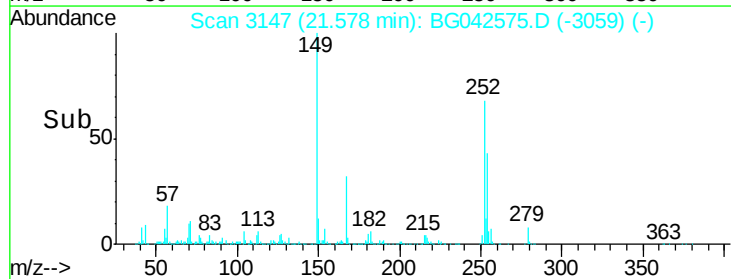
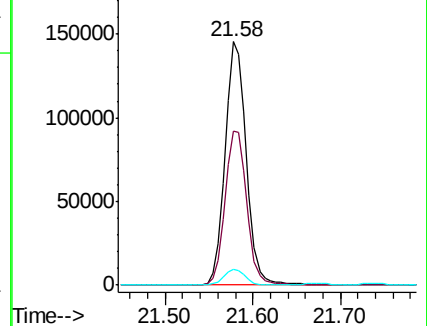
126 6.3 5.7 8.5

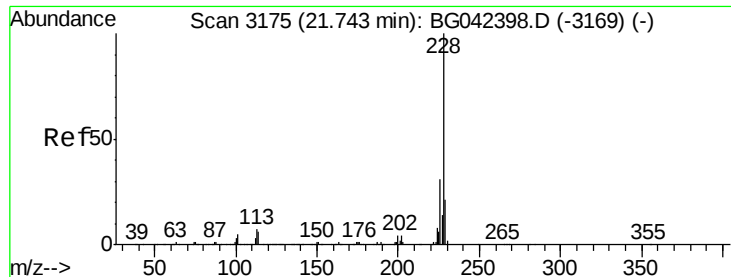


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 53.559 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

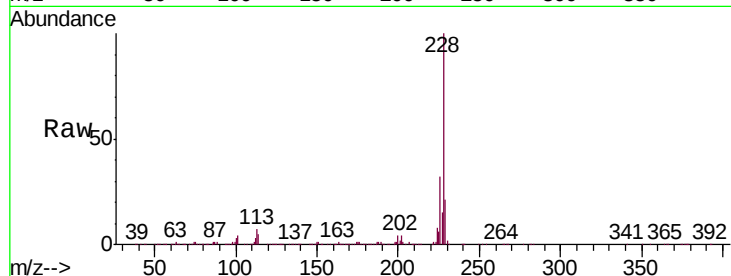
Tgt Ion:228 Resp: 764636

Ion Ratio Lower Upper

228 100

226 31.9 24.9 37.3

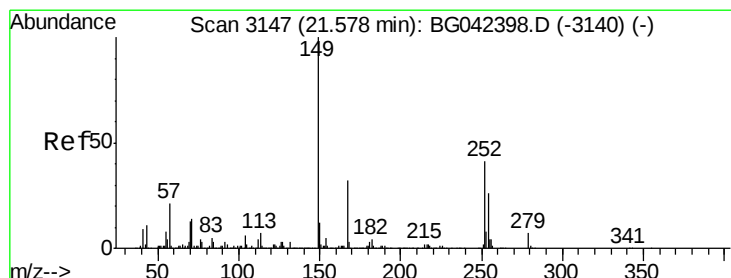
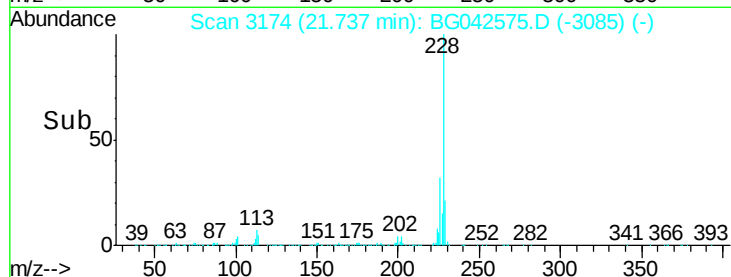
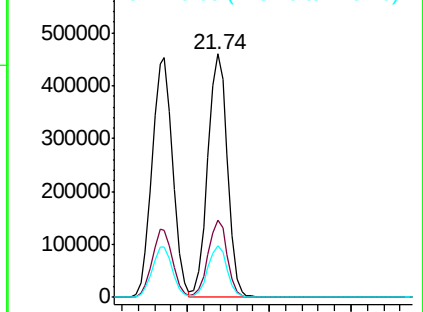
229 21.0 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.560 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

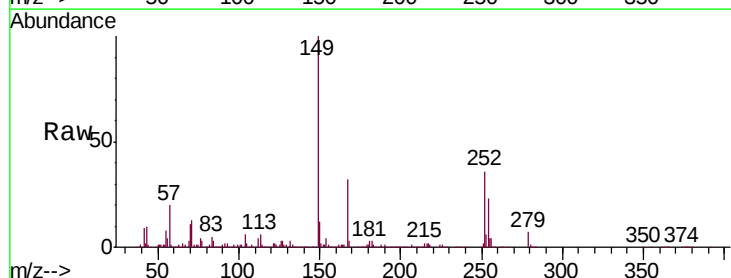
Tgt Ion:149 Resp: 420088

Ion Ratio Lower Upper

149 100

167 31.9 26.0 39.0

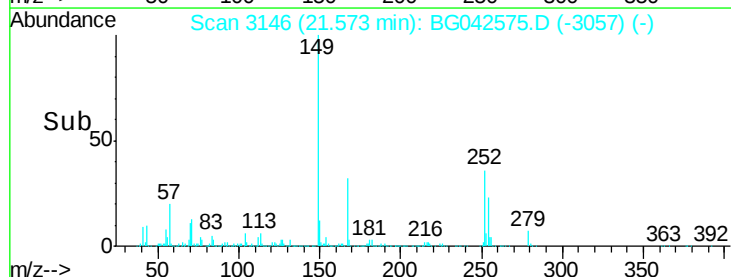
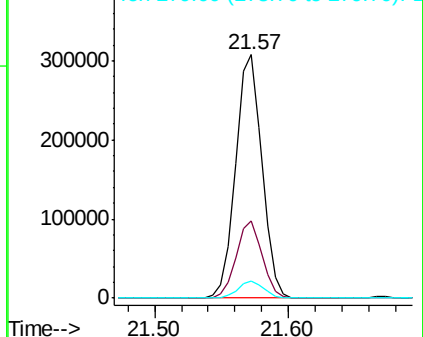
279 7.2 5.4 8.0

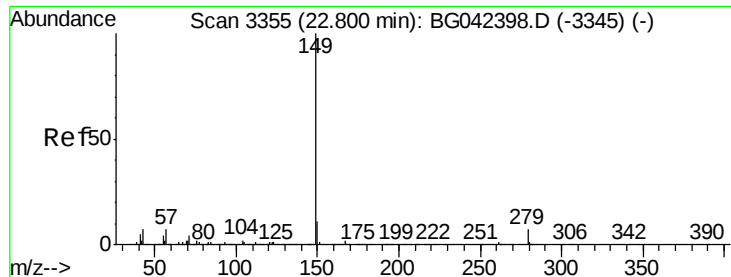


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

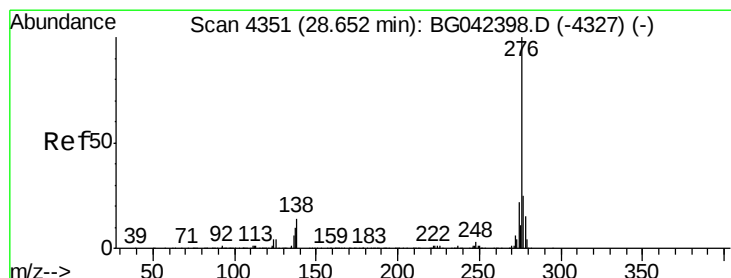
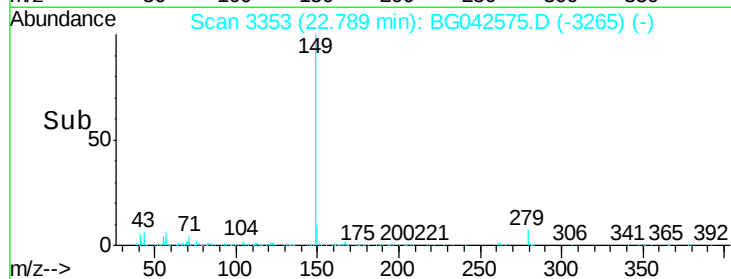
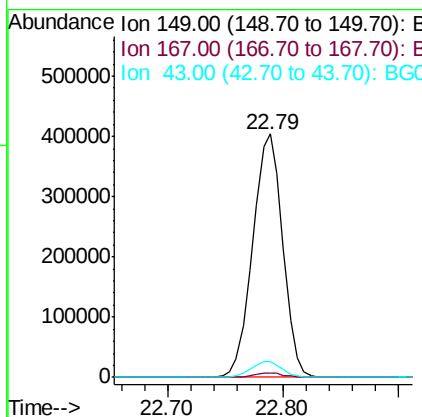
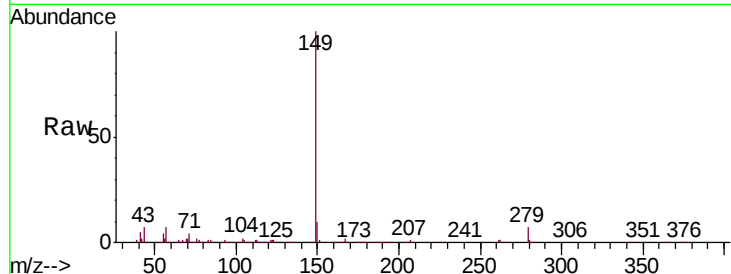




#85  
Di-n-octyl phthalate  
Concen: 51.946 ng  
RT: 22.79 min Scan# 3353  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

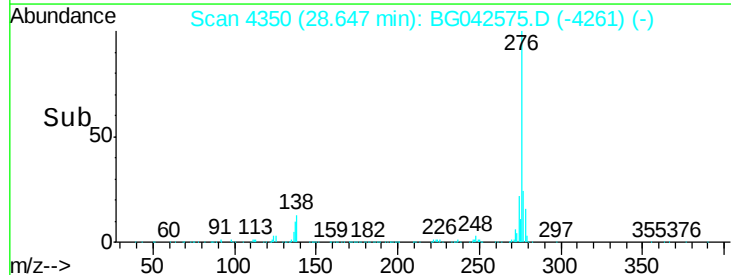
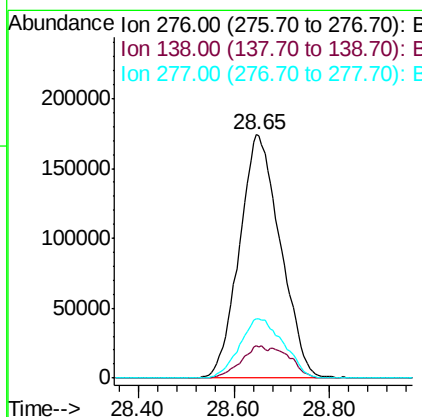
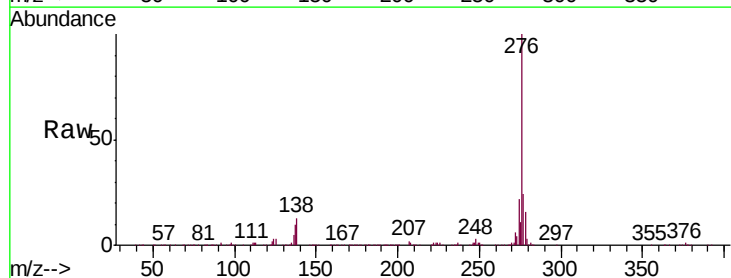
Instrument :  
BNA\_G  
ClientSampleId :  
S700A-N-1.0-1.5-082619MS

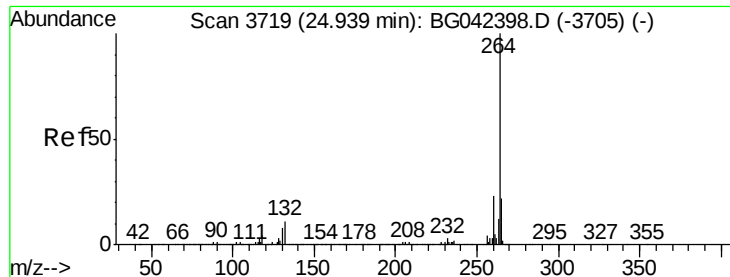
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.6   | 2.4   |
| 43      | 6.4   | 5.3   | 7.9   |



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 53.227 ng  
RT: 28.65 min Scan# 4350  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 8.5   | 9.2   | 13.8# |
| 277     | 26.3  | 21.0  | 31.6  |

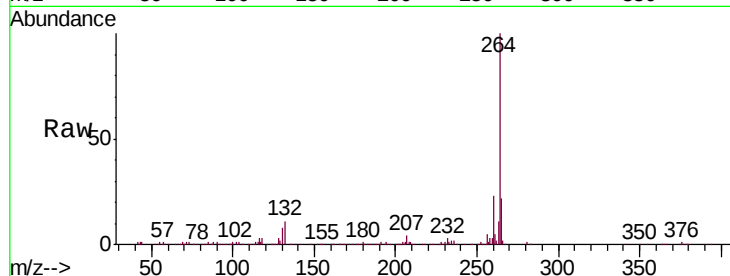




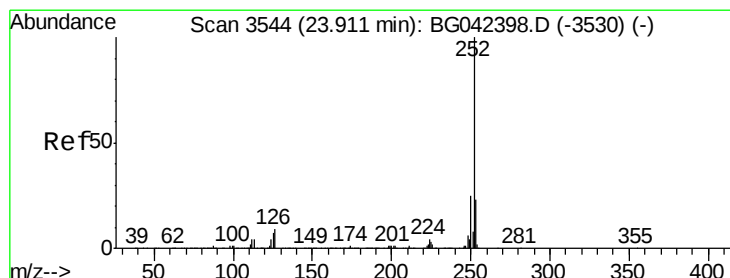
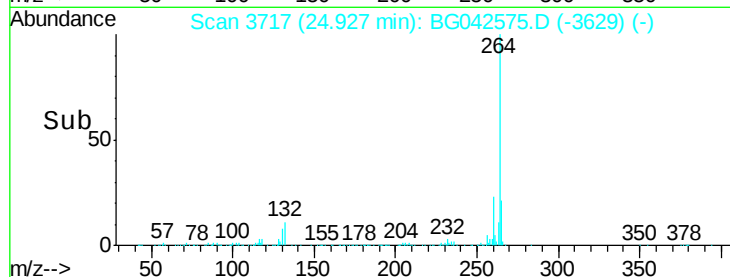
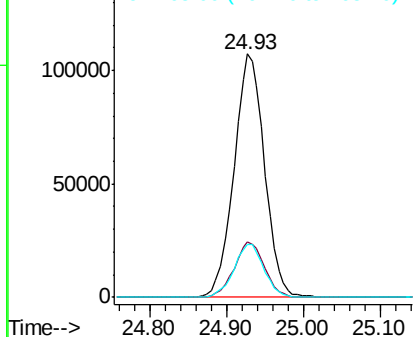
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.93 min Scan# 3717  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

Instrument :  
BNA\_G  
ClientSampleId :  
S700A-N-1.0-1.5-082619MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.0  | 18.5  | 27.7  |
| 265     | 21.5  | 17.6  | 26.4  |

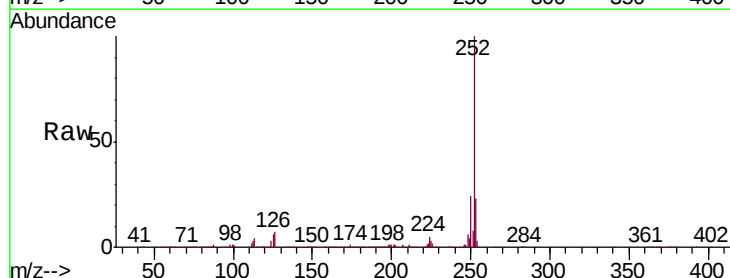


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

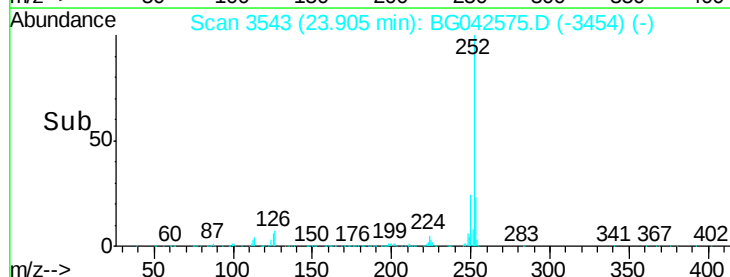
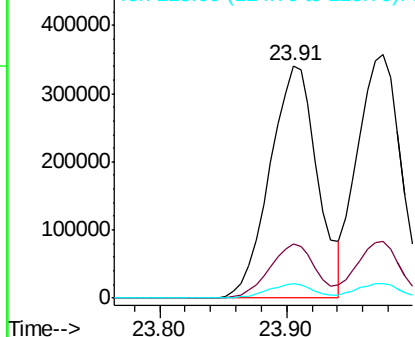


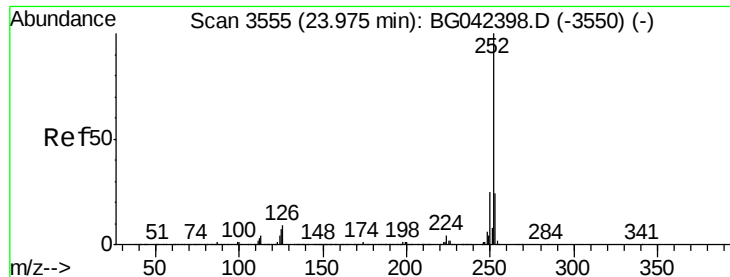
#88  
Benzo(b)fluoranthene  
Concen: 54.503 ng  
RT: 23.91 min Scan# 3543  
Delta R.T. -0.01 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 18.6  | 27.8  |
| 125     | 6.2   | 5.6   | 8.4   |



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

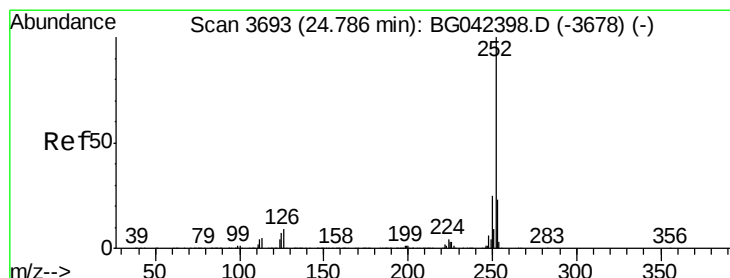
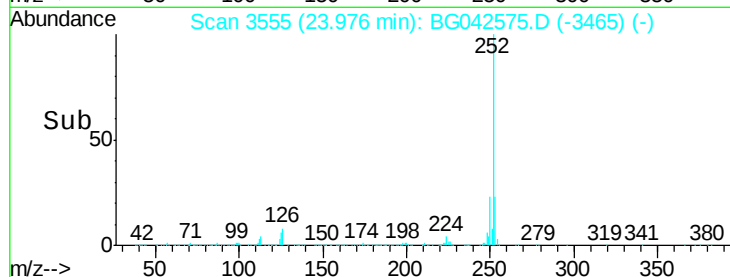
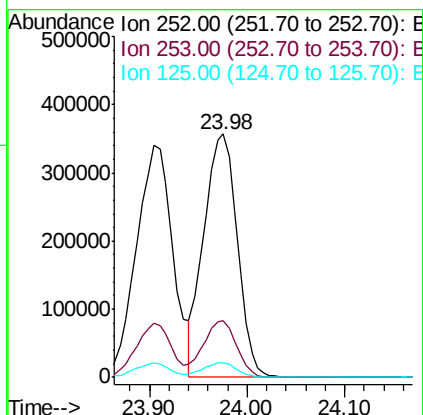
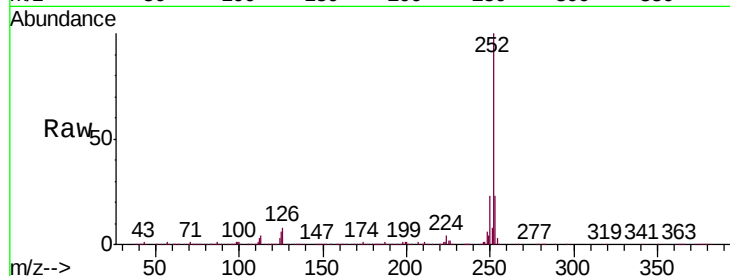




#89  
Benzo(k)fluoranthene  
Concen: 53.910 ng  
RT: 23.98 min Scan# 3555  
Delta R.T. 0.00 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

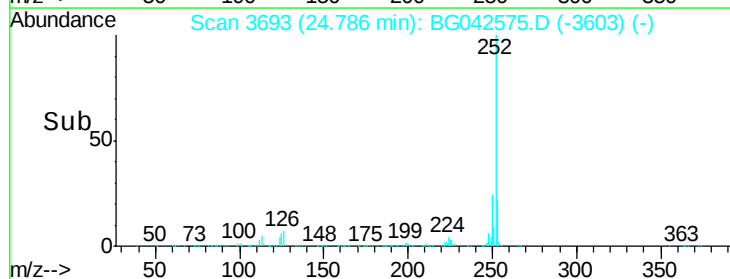
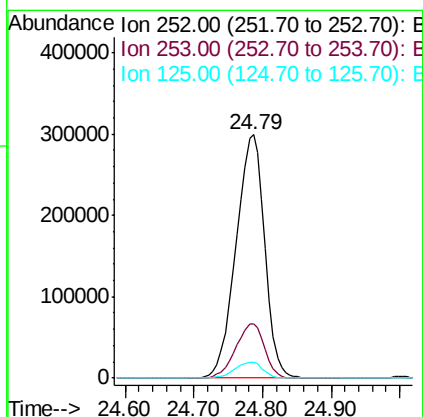
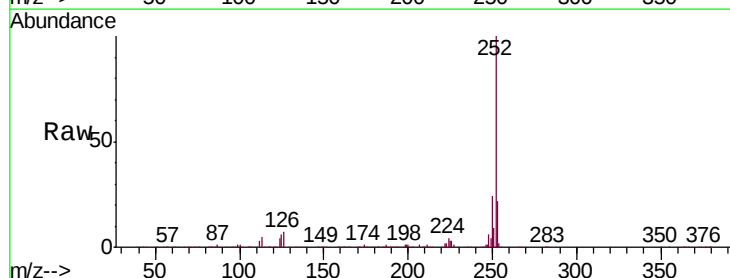
Instrument :  
BNA\_G  
ClientSampleId :  
S700A-N-1.0-1.5-082619MS

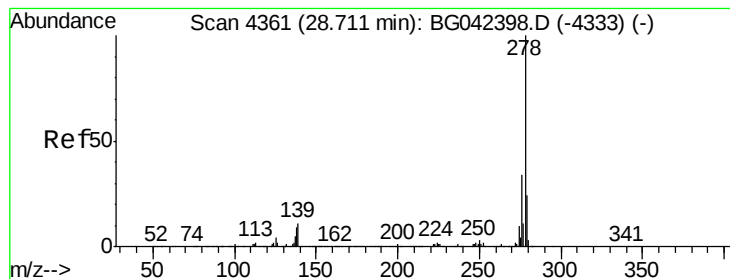
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 18.6  | 27.8  |
| 125     | 6.0   | 5.8   | 8.6   |



#90  
Benzo(a)pyrene  
Concen: 56.065 ng  
RT: 24.79 min Scan# 3693  
Delta R.T. 0.00 min  
Lab File: BG042575.D  
Acq: 29 Aug 2019 21:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.4  | 27.6  |
| 125     | 6.2   | 6.0   | 9.0   |





#91

Dibenzo(a,h)anthracene

Concen: 54.388 ng

RT: 28.71 min Scan# 4360

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA\_G

ClientSampleId :

S700A-N-1.0-1.5-082619MS

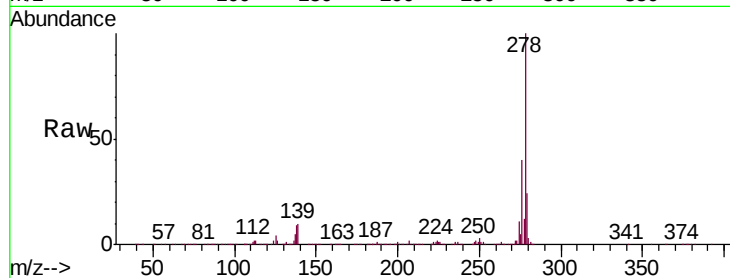
Tgt Ion:278 Resp: 851110

Ion Ratio Lower Upper

278 100

139 9.9 8.8 13.2

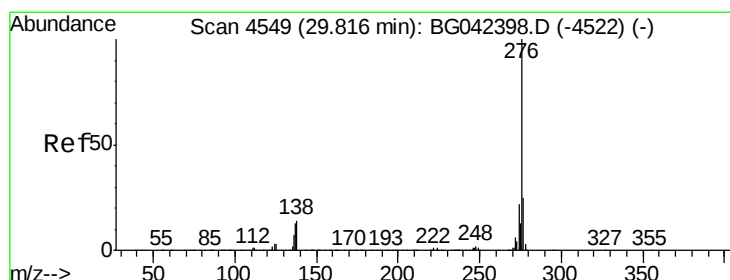
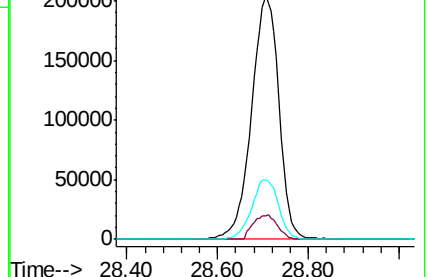
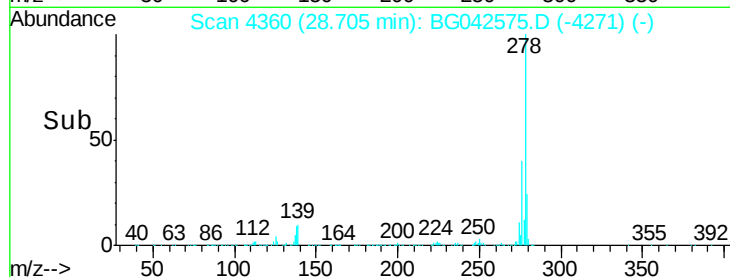
279 24.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.108 ng

RT: 29.82 min Scan# 4549

Delta R.T. 0.00 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

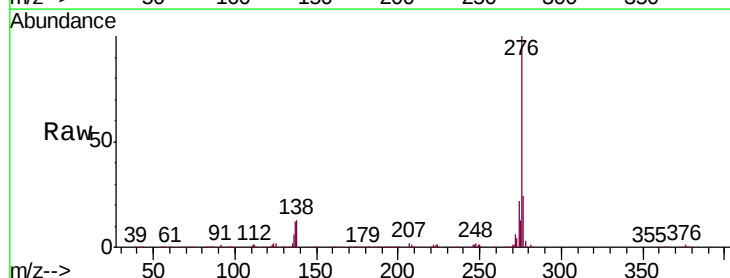
Tgt Ion:276 Resp: 862501

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 12.9 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

