

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\  
 Data File : BG042628.D  
 Acq On : 31 Aug 2019 10:44  
 Operator : HP/JU  
 Sample : PB122704BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 31 18:11:43 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  | 32611    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.81 | 136  | 126882   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.66 | 164  | 89625    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.41 | 188  | 203388   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.68 | 240  | 237093   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.92 | 264  | 282344   | 20.00 | ng    | -0.02    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.56  | 112 | 190714 | 118.44 | ng | 0.00  |
| 7) Phenol-d6                | 7.17  | 99  | 237305 | 109.11 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.16  | 82  | 121776 | 66.32  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 16.15 | 330 | 144198 | 113.20 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 13.28 | 172 | 399730 | 75.43  | ng | 0.00  |
| 79) Terphenyl-d14           | 20.02 | 244 | 769511 | 70.17  | ng | -0.01 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.41  | 88  | 24059  | 35.804 | ng | 97   |
| 3) Pyridine                    | 3.82  | 79  | 53938  | 31.304 | ng | 92   |
| 4) n-Nitrosodimethylamine      | 3.73  | 42  | 25602  | 41.601 | ng | 91   |
| 6) Aniline                     | 7.31  | 93  | 83948  | 28.938 | ng | 98   |
| 8) 2-Chlorophenol              | 7.56  | 128 | 85247  | 43.684 | ng | 99   |
| 9) Benzaldehyde                | 7.12  | 77  | 48077  | 44.152 | ng | 98   |
| 10) Phenol                     | 7.19  | 94  | 92361  | 41.765 | ng | 92   |
| 11) bis(2-Chloroethyl)ether    | 7.41  | 93  | 65449  | 37.685 | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 7.88  | 146 | 98855  | 39.821 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 8.03  | 146 | 101881 | 40.516 | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146 | 96134  | 39.922 | ng | 100  |
| 15) Benzyl Alcohol             | 8.24  | 79  | 63175  | 40.373 | ng | 95   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 84434  | 35.869 | ng | 98   |
| 17) 2-Methylphenol             | 8.45  | 107 | 65443  | 40.178 | ng | 98   |
| 18) Hexachloroethane           | 9.08  | 117 | 33756  | 39.213 | ng | 100  |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 52363  | 37.161 | ng | 96   |
| 20) 3+4-Methylphenols          | 8.78  | 107 | 89929  | 39.899 | ng | 97   |
| 22) Acetophenone               | 8.82  | 105 | 117307 | 43.226 | ng | # 97 |
| 24) Nitrobenzene               | 9.20  | 77  | 78035  | 41.970 | ng | 98   |
| 25) Isophorone                 | 9.73  | 82  | 142219 | 39.248 | ng | 99   |
| 26) 2-Nitrophenol              | 9.93  | 139 | 50096  | 42.995 | ng | 96   |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 77718  | 48.422 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 89875  | 39.352 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 95425  | 45.442 | ng | 96   |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180 | 110334 | 42.806 | ng | 98   |
| 31) Naphthalene                | 10.87 | 128 | 249732 | 42.394 | ng | 99   |
| 32) Benzoic acid               | 10.14 | 122 | 35427  | 33.407 | ng | 94   |
| 33) 4-Chloroaniline            | 10.98 | 127 | 62945  | 23.147 | ng | 97   |
| 34) Hexachlorobutadiene        | 11.16 | 225 | 74793  | 43.176 | ng | 99   |
| 35) Caprolactam                | 11.75 | 113 | 24786  | 35.373 | ng | 97   |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 80953  | 40.609 | ng | 99   |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 196489 | 41.541 | ng | 98   |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 185808 | 41.356 | ng | 97   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 134222 | 46.634 | ng | 99   |

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 Sample : PB122704BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

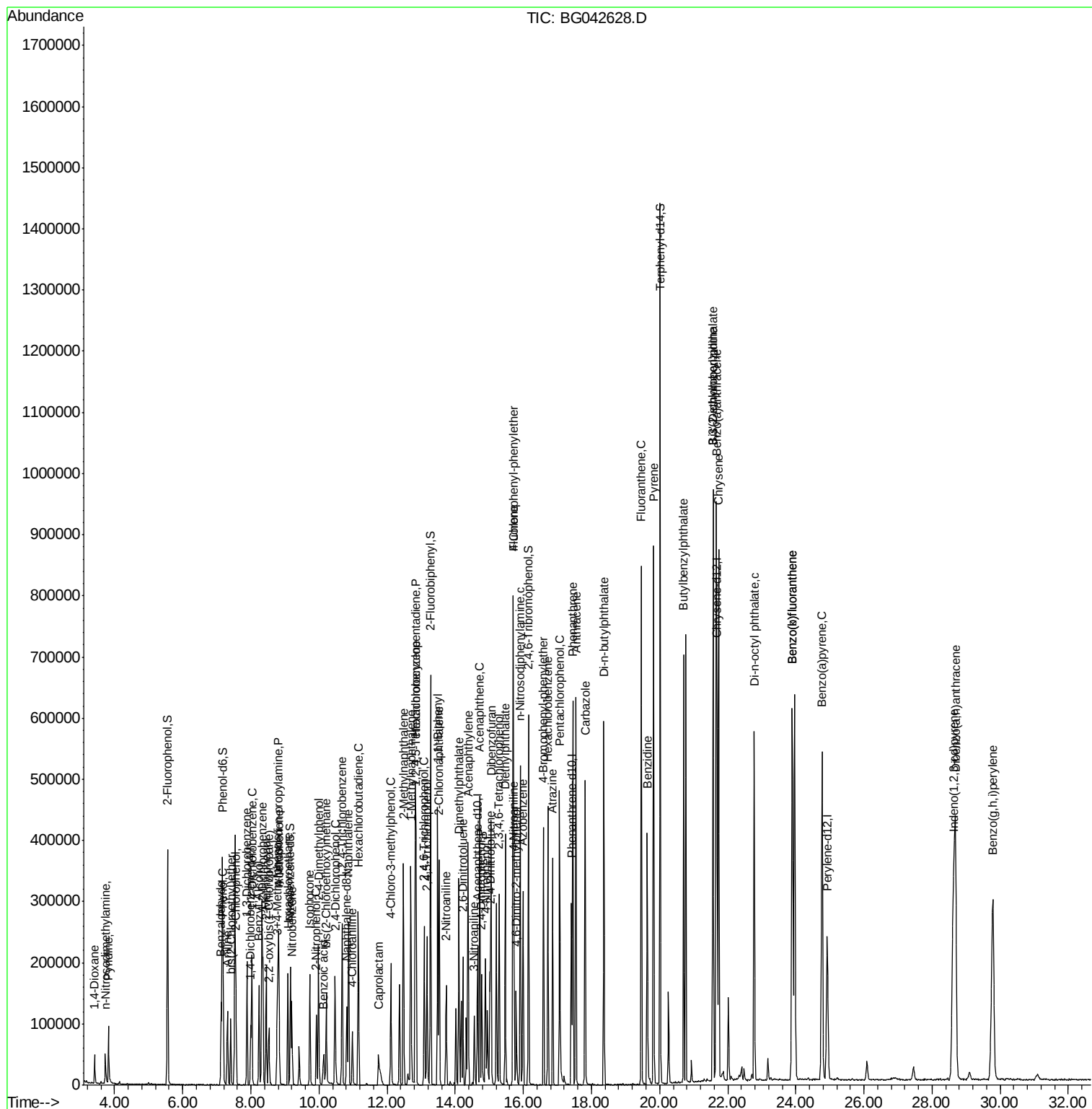
Instrument :  
 BNA\_G  
 ClientSampleId :

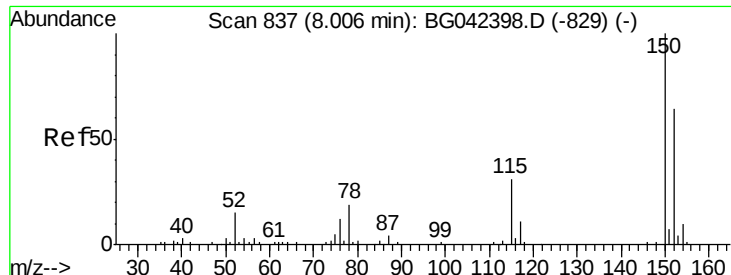
Quant Time: Aug 31 18:11:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 14:29:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.83 | 237  | 144957   | 95.879 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 83763    | 43.056 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 91075    | 45.175 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 258588   | 44.635 | nq    | 96       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 212911   | 42.621 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.73 | 65   | 45319    | 37.621 | nq    | 97       |
| 49) Acenaphthylene             | 14.38 | 152  | 330204   | 43.936 | nq    | 100      |
| 50) Dimethylphthalate          | 14.10 | 163  | 266126   | 41.153 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 63380    | 42.283 | nq    | 95       |
| 52) Acenaphthene               | 14.72 | 154  | 190785   | 41.806 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 40717    | 27.161 | nq    | 92       |
| 54) 2,4-Dinitrophenol          | 14.77 | 184  | 73411    | 73.228 | nq    | 99       |
| 55) Dibenzofuran               | 15.06 | 168  | 332197   | 43.977 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 84803    | 79.611 | nq    | 95       |
| 57) 2,4-Dinitrotoluene         | 15.02 | 165  | 87673    | 40.845 | nq    | 98       |
| 58) Fluorene                   | 15.70 | 166  | 261759   | 42.390 | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 84014    | 42.139 | nq    | # 91     |
| 60) Diethylphthalate           | 15.47 | 149  | 256244   | 40.535 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 157076   | 42.198 | nq    | 98       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 60274    | 37.568 | nq    | 93       |
| 63) Azobenzene                 | 15.99 | 77   | 168537   | 38.908 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 56602    | 44.388 | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 242166   | 43.296 | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.59 | 248  | 109655   | 42.505 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.72 | 284  | 115378   | 41.140 | nq    | 98       |
| 69) Atrazine                   | 16.86 | 200  | 90274    | 45.640 | nq    | 98       |
| 70) Pentachlorophenol          | 17.07 | 266  | 127741   | 87.664 | nq    | 98       |
| 71) Phenanthrene               | 17.45 | 178  | 441439   | 43.695 | nq    | 98       |
| 72) Anthracene                 | 17.54 | 178  | 456163   | 45.230 | nq    | 99       |
| 73) Carbazole                  | 17.81 | 167  | 392500   | 43.667 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 450445   | 42.394 | nq    | 99       |
| 75) Fluoranthene               | 19.46 | 202  | 597390   | 48.452 | nq    | 96       |
| 77) Benzidine                  | 19.64 | 184  | 298985   | 43.984 | nq    | 98       |
| 78) Pyrene                     | 19.82 | 202  | 606054   | 41.693 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 227579   | 39.805 | nq    | 97       |
| 81) Benzo(a)anthracene         | 21.67 | 228  | 623514   | 43.231 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 193139   | 33.296 | nq    | 100      |
| 83) Chrysene                   | 21.73 | 228  | 603756   | 43.406 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 323332   | 40.731 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.78 | 149  | 561036   | 41.092 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.62 | 276  | 791530   | 41.874 | nq    | # 97     |
| 88) Benzo(b)fluoranthene       | 23.89 | 252  | 688444   | 44.352 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.89 | 252  | 688444   | 46.142 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.77 | 252  | 675000   | 45.827 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.68 | 278  | 655391   | 43.946 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.78 | 276  | 664402   | 44.544 | nq    | 98       |

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

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QLast Update : Thu Aug 22 14:29:15 2019  
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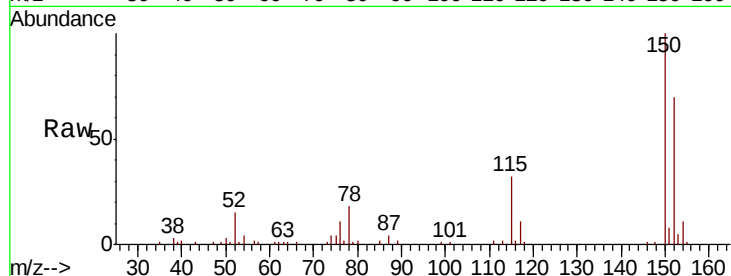


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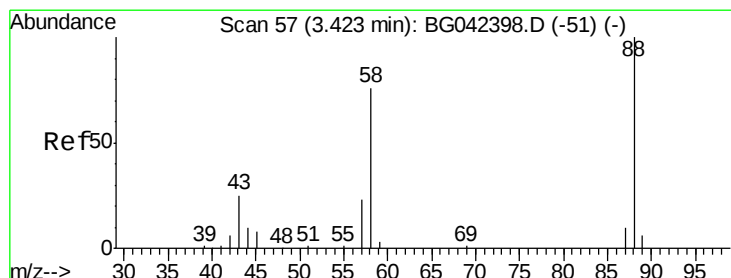
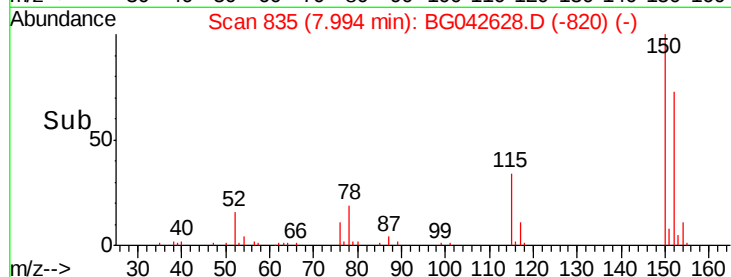
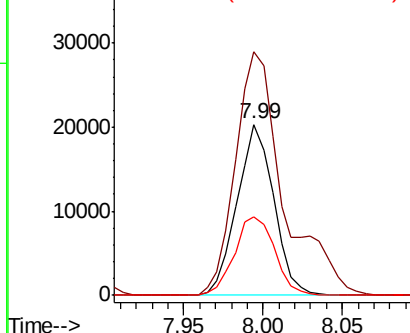
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.99 min Scan# 835  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 32611  
Ion Ratio Lower Upper  
152 100  
150 142.5 125.4 188.0  
115 46.2 38.5 57.7



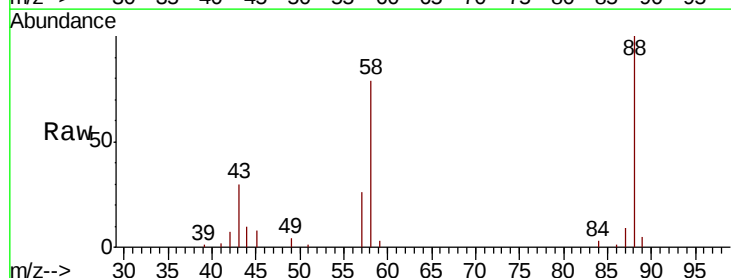
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



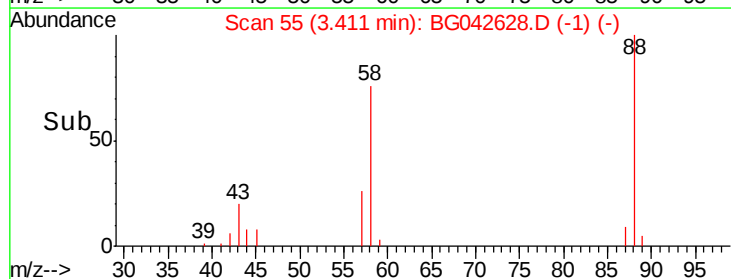
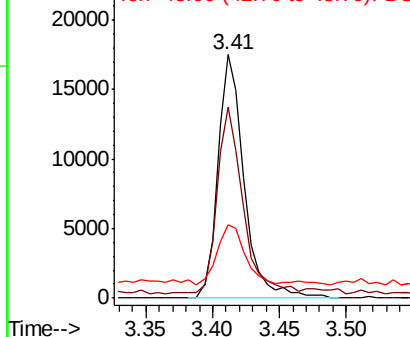
#2

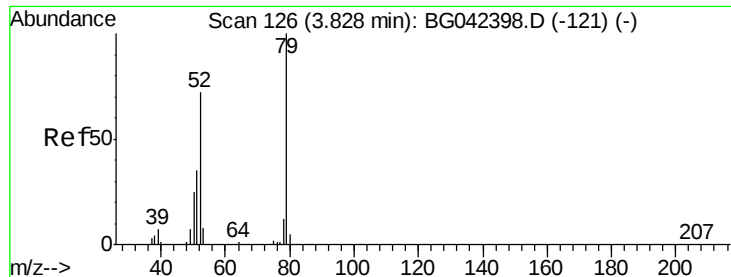
1,4-Dioxane  
Concen: 35.804 ng  
RT: 3.41 min Scan# 55  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion: 88 Resp: 24059  
Ion Ratio Lower Upper  
88 100  
58 75.3 58.3 87.5  
43 26.0 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

Pvridine

Concen: 31.304 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampleId :

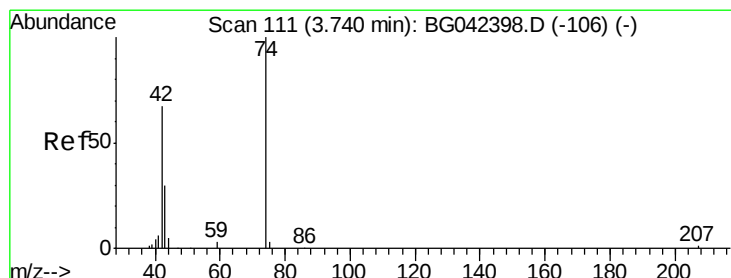
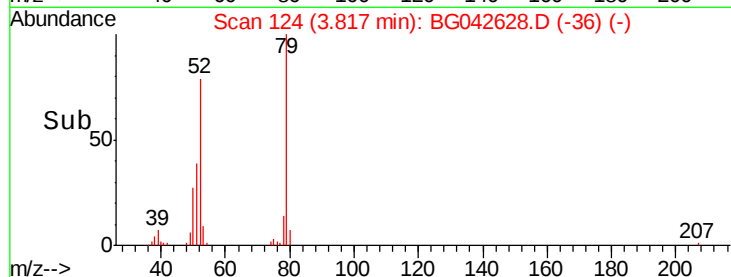
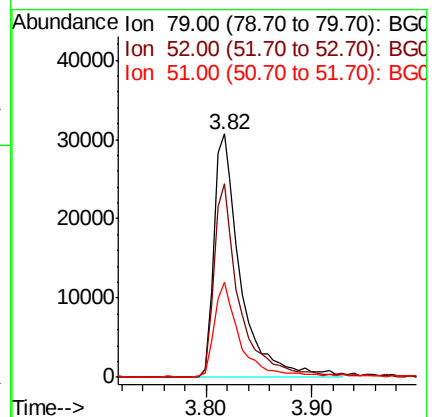
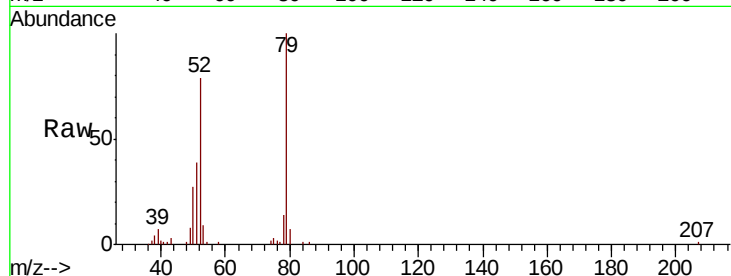
Tot Ion: 79 Resp: 53938

Ion Ratio Lower Upper

79 100

52 79.4 57.7 86.5

51 39.1 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 41.601 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

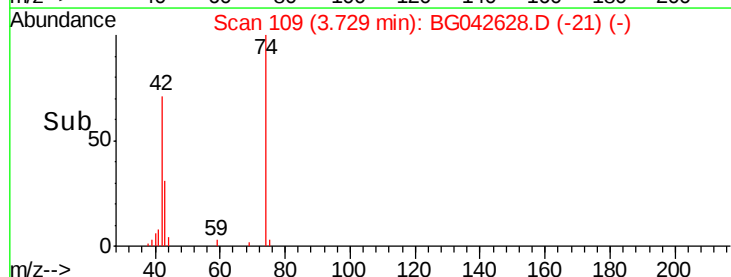
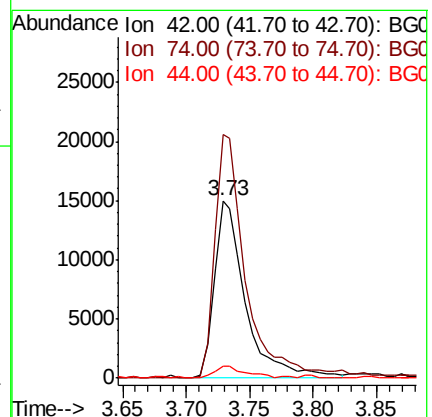
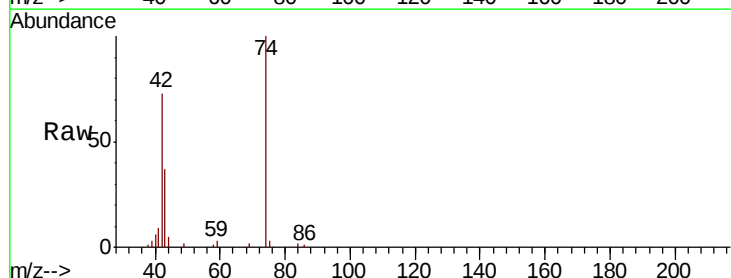
Tgt Ion: 42 Resp: 25602

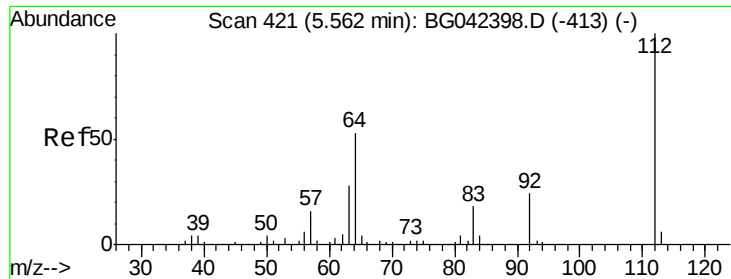
Ion Ratio Lower Upper

42 100

74 137.3 119.6 179.4

44 6.7 6.5 9.7





#5

2-Fluorophenol

Concen: 118.442 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampled :

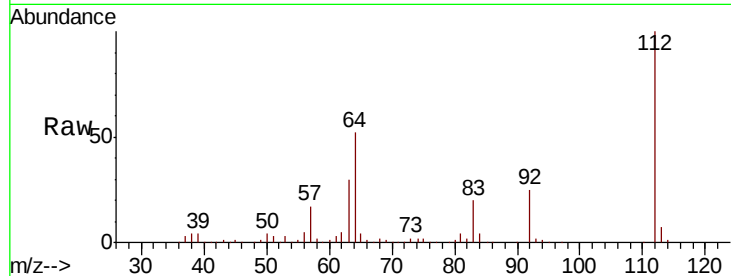
Tot Ion:112 Resp: 190714

Ion Ratio Lower Upper

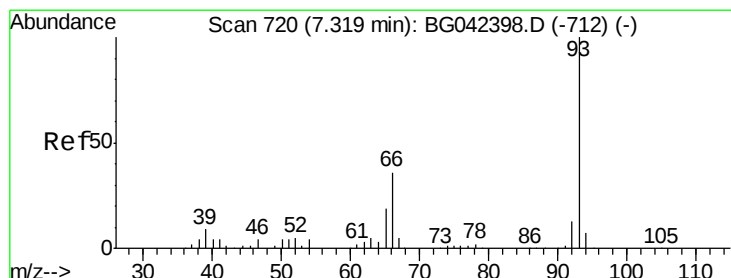
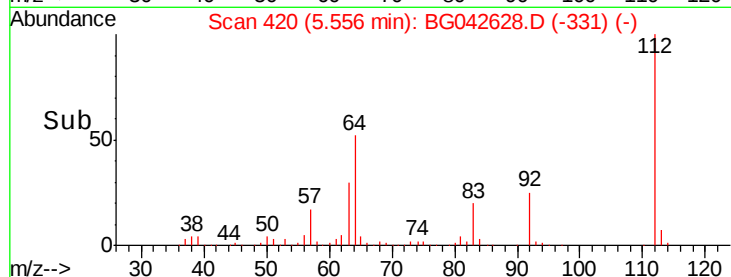
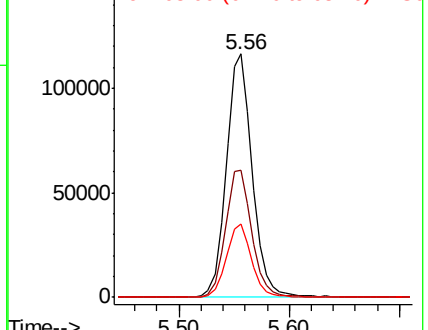
112 100

64 52.5 42.8 64.2

63 30.2 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: 28.938 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

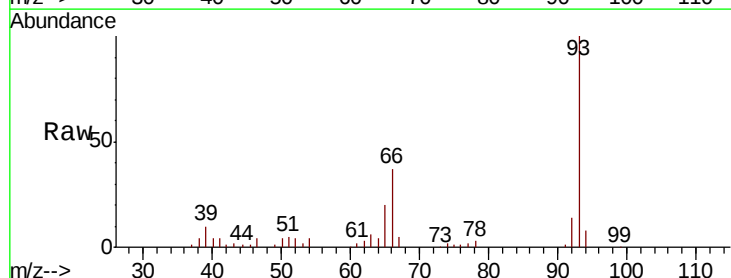
Tgt Ion: 93 Resp: 83948

Ion Ratio Lower Upper

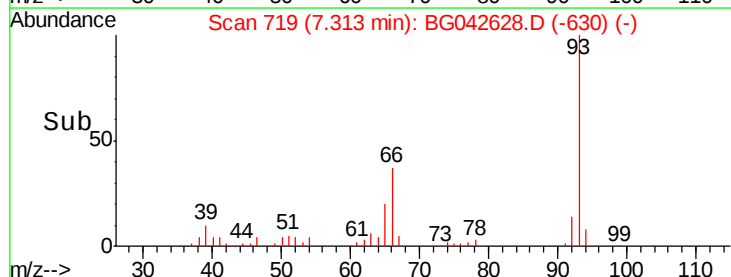
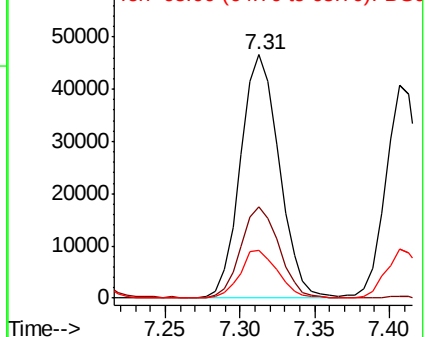
93 100

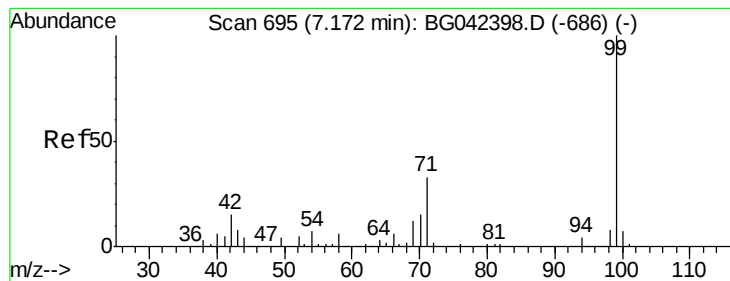
66 37.4 29.0 43.6

65 19.8 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: 109.106 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampleId :

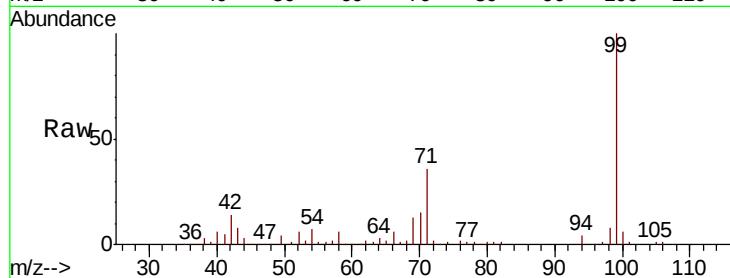
Tot Ion: 99 Resp: 237305

Ion Ratio Lower Upper

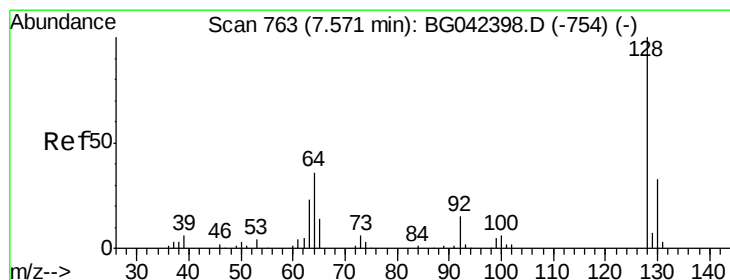
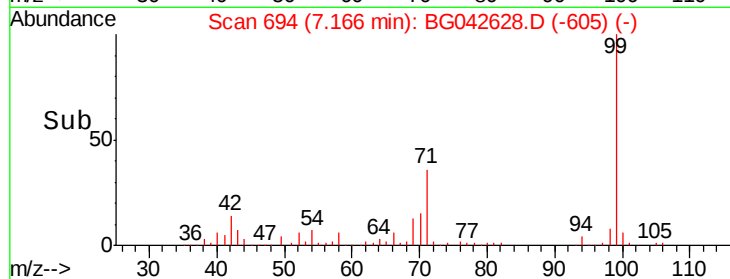
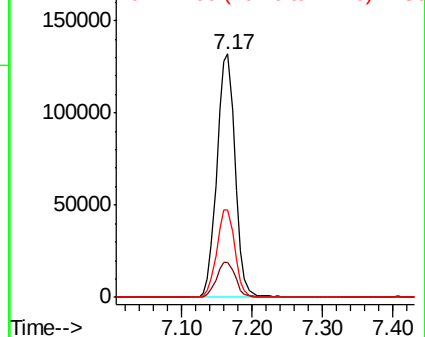
99 100

42 14.4 12.0 18.0

71 35.9 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: 43.684 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

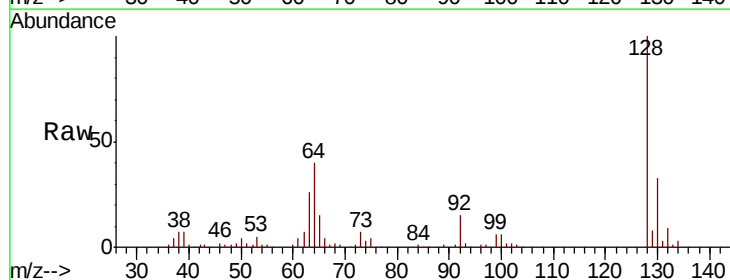
Tgt Ion: 128 Resp: 85247

Ion Ratio Lower Upper

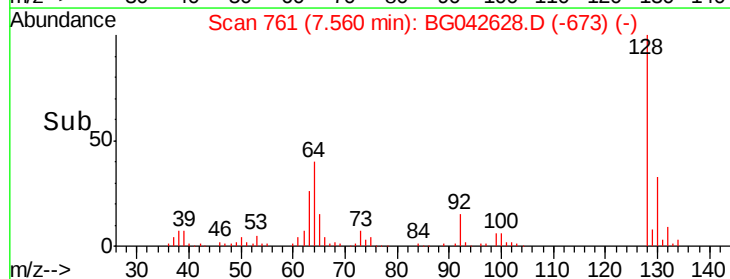
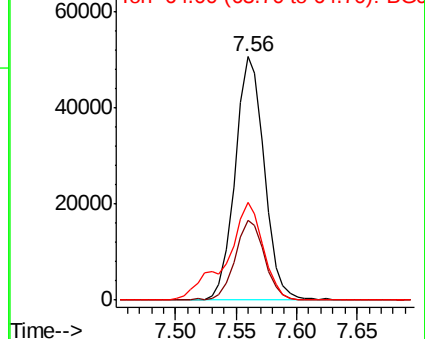
128 100

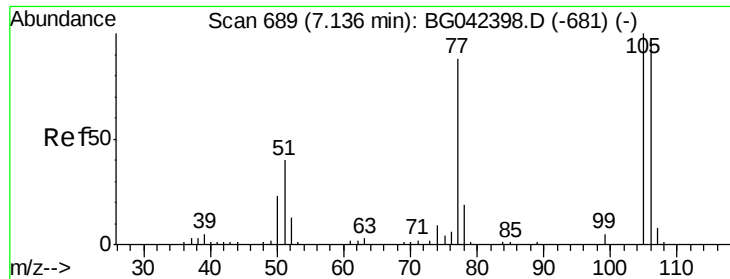
130 32.8 12.8 52.8

64 39.9 19.2 59.2



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





#9

Benzaldehyde

Concen: 44.152 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampled :

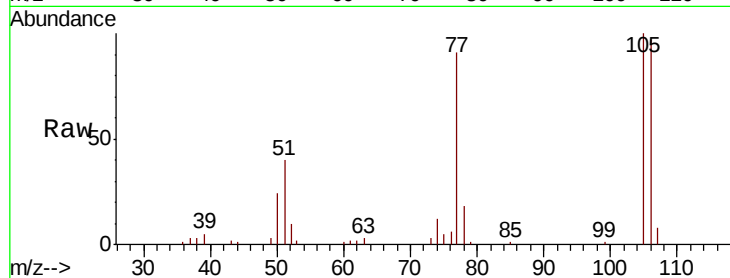
Tot Ion: 77 Resp: 48077

Ion Ratio Lower Upper

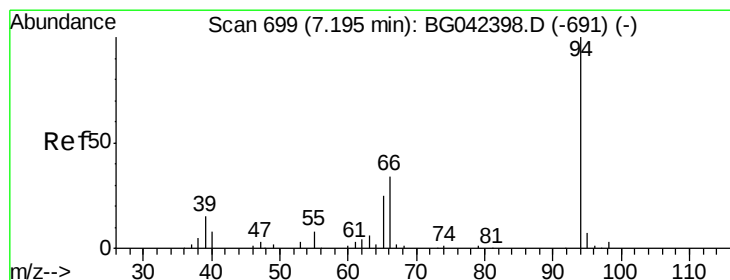
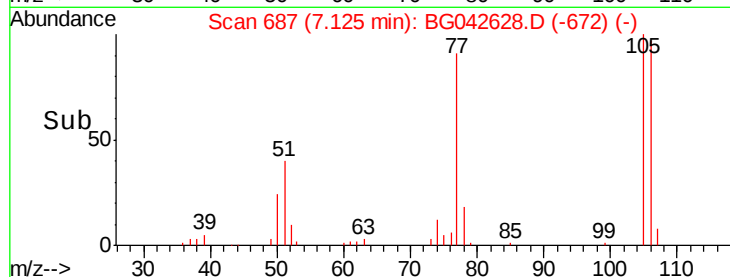
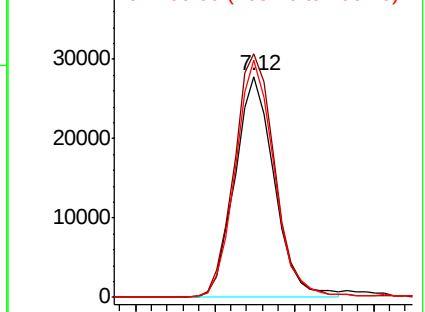
77 100

105 110.3 93.4 133.4

106 107.2 88.4 128.4



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



#10

Phenol

Concen: 41.765 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

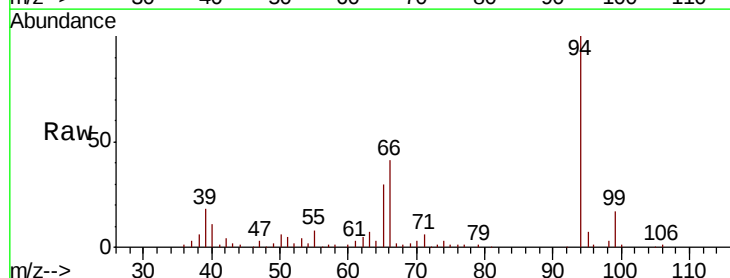
Tgt Ion: 94 Resp: 92361

Ion Ratio Lower Upper

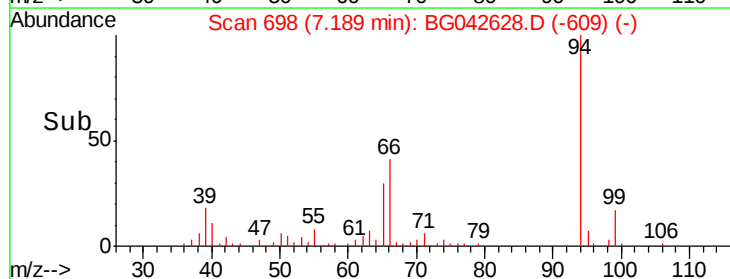
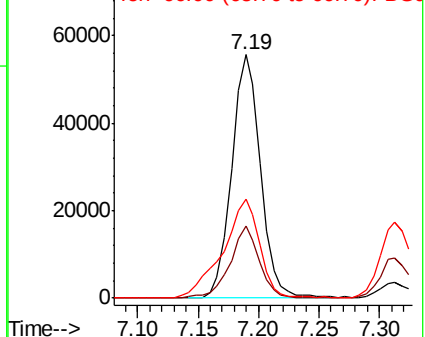
94 100

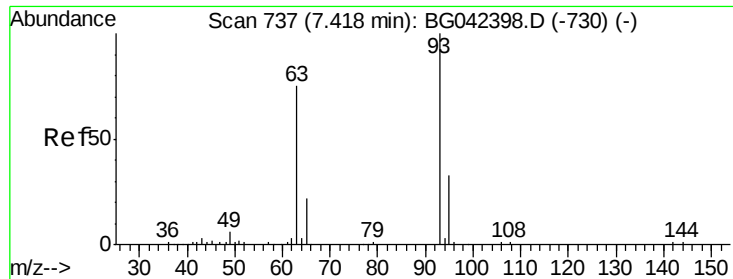
65 29.7 5.6 45.6

66 40.8 16.0 56.0



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

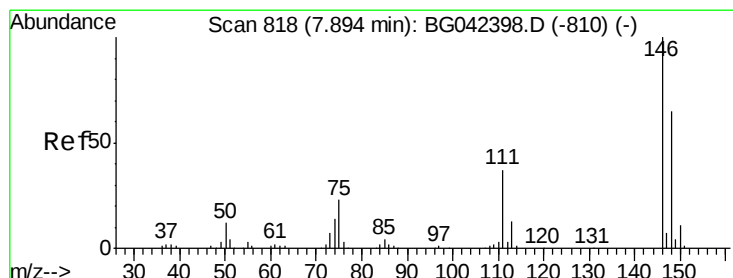
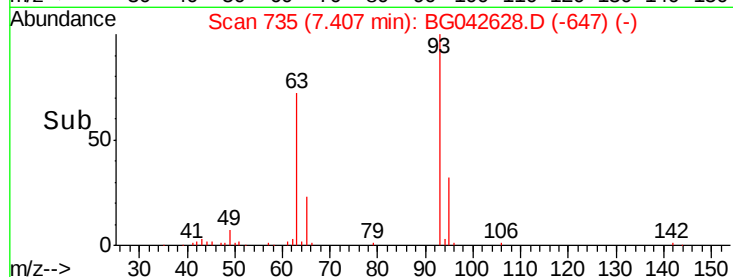
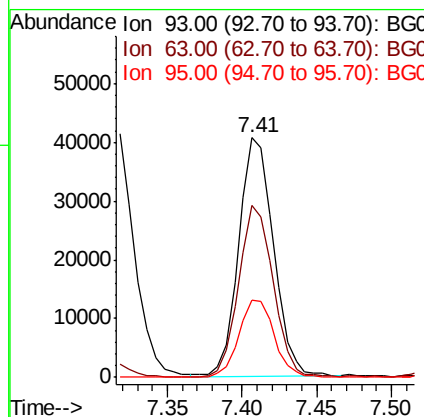
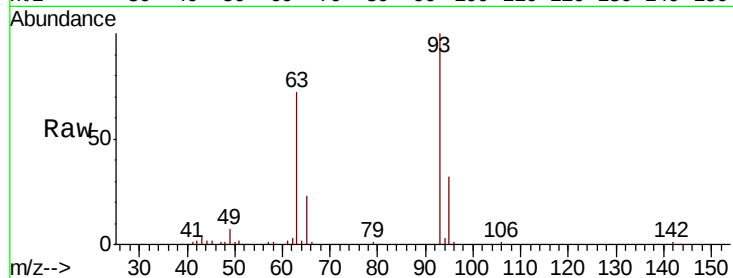




#11  
bis(2-Chloroethyl)ether  
Concen: 37.685 ng  
RT: 7.41 min Scan# 735  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

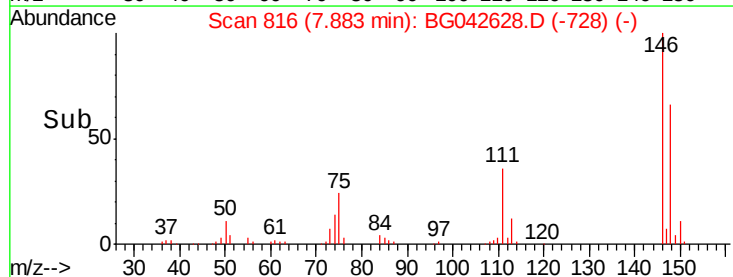
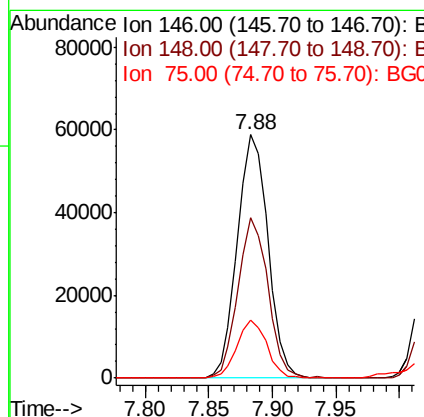
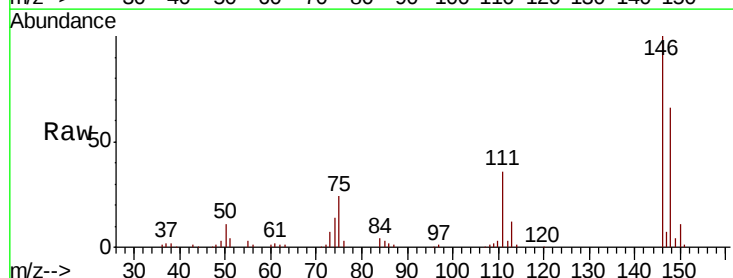
Instrument :  
BNA\_G  
ClientSampleId :

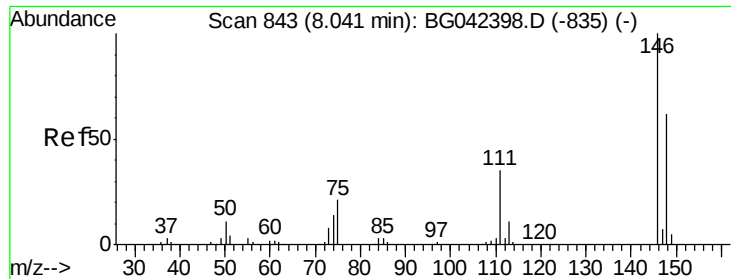
Tot Ion: 93 Resp: 65449  
Ion Ratio Lower Upper  
93 100  
63 71.7 53.8 93.8  
95 32.1 13.1 53.1



#12  
1,3-Dichlorobenzene  
Concen: 39.821 ng  
RT: 7.88 min Scan# 816  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion: 146 Resp: 98855  
Ion Ratio Lower Upper  
146 100  
148 65.7 52.2 78.2  
75 24.1 18.0 27.0

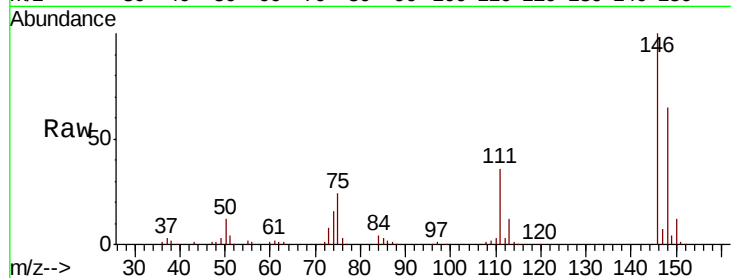




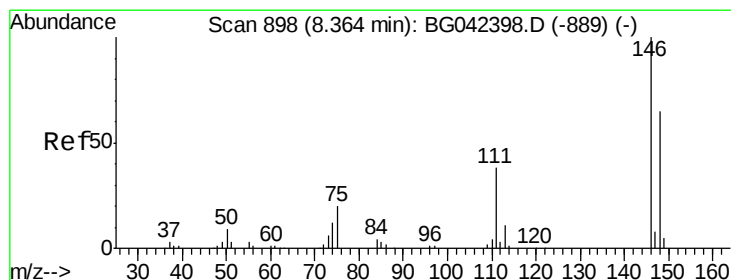
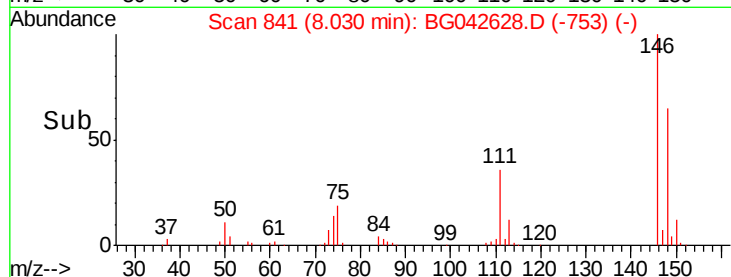
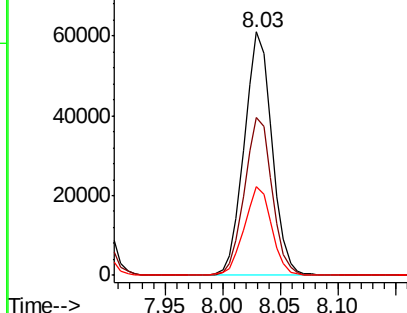
#13  
 1,4-Dichlorobenzene  
 Concen: 40.516 ng  
 RT: 8.03 min Scan# 841  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 101881  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 49.5 74.3  
 111 36.2 28.1 42.1

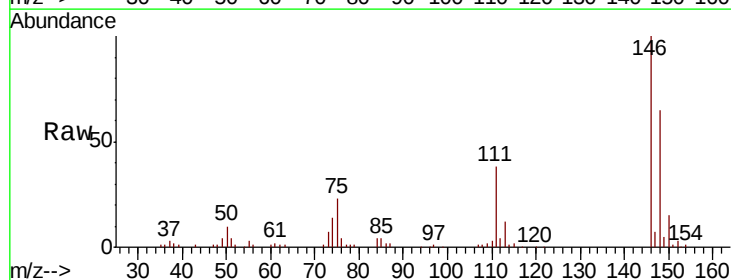


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

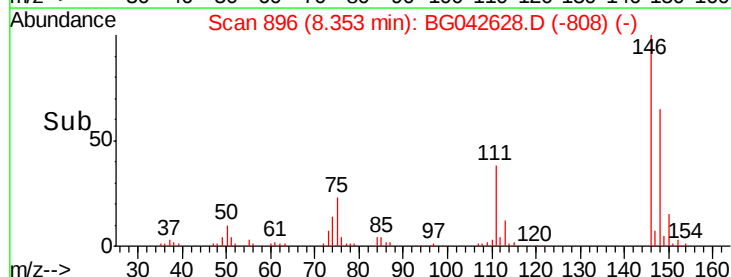
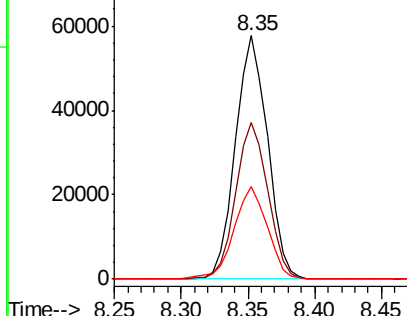


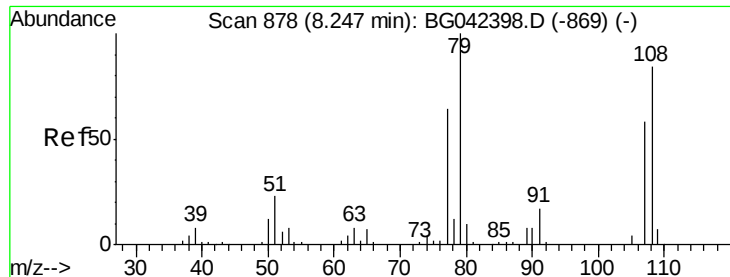
#14  
 1,2-Dichlorobenzene  
 Concen: 39.922 ng  
 RT: 8.35 min Scan# 896  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

Tgt Ion:146 Resp: 96134  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 51.8 77.6  
 111 38.0 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: 40.373 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampled :

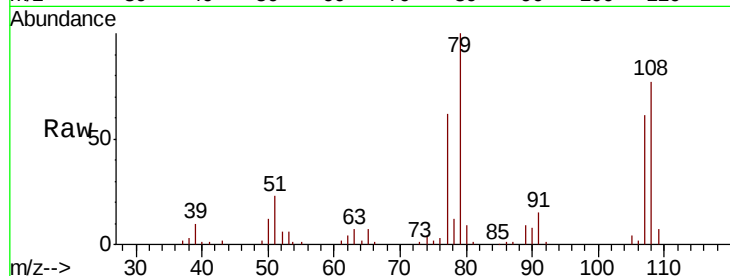
Tot Ion: 79 Resp: 63175

Ion Ratio Lower Upper

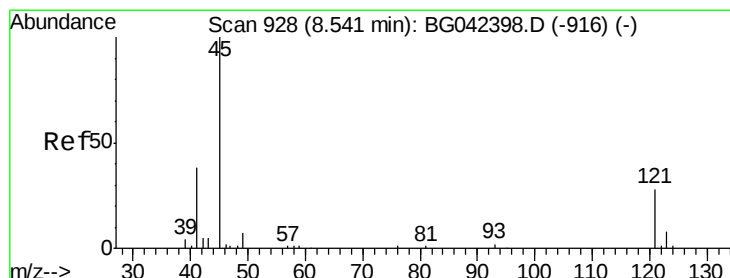
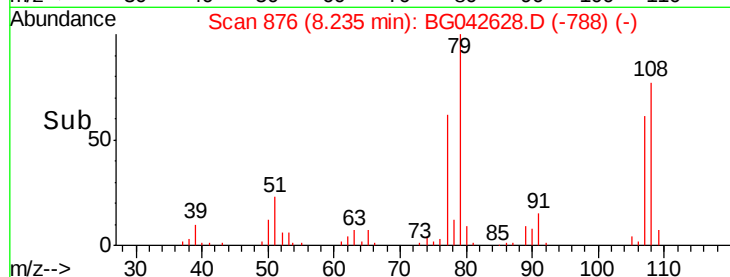
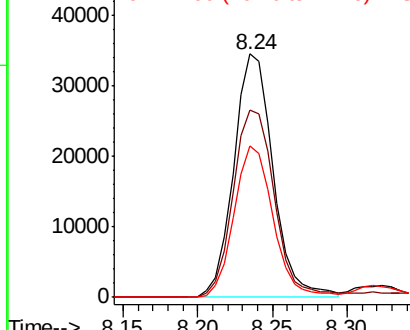
79 100

108 77.0 67.4 101.2

77 62.4 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: 35.869 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

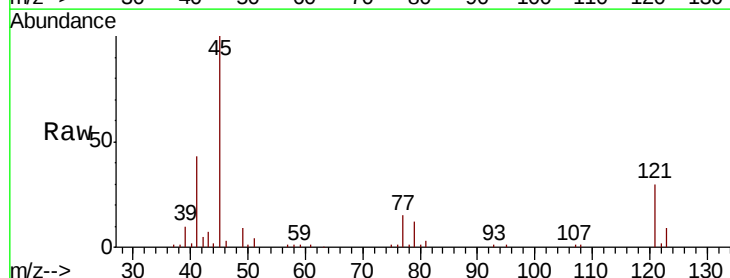
Tgt Ion: 45 Resp: 84434

Ion Ratio Lower Upper

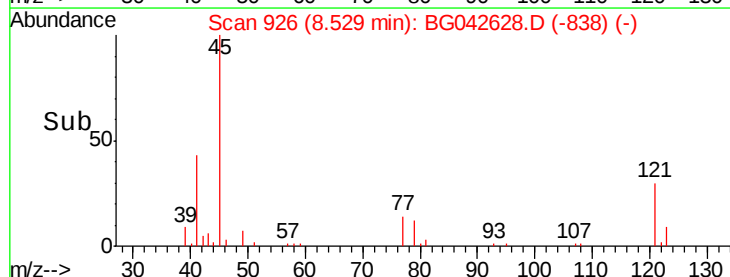
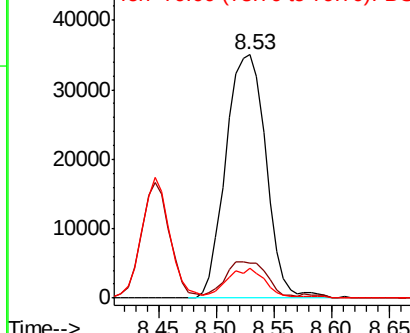
45 100

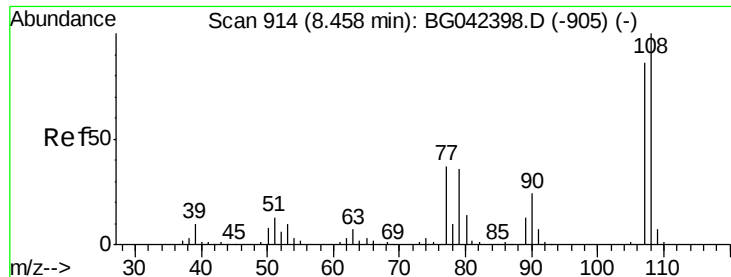
77 14.5 0.0 35.6

79 12.0 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

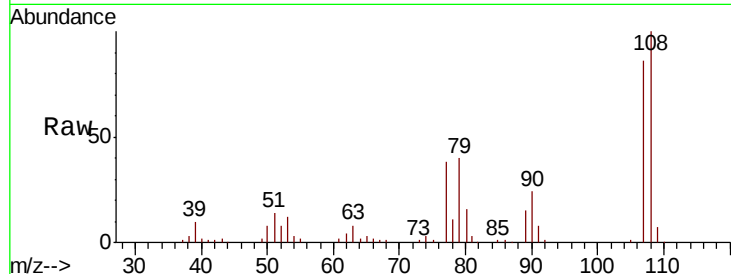




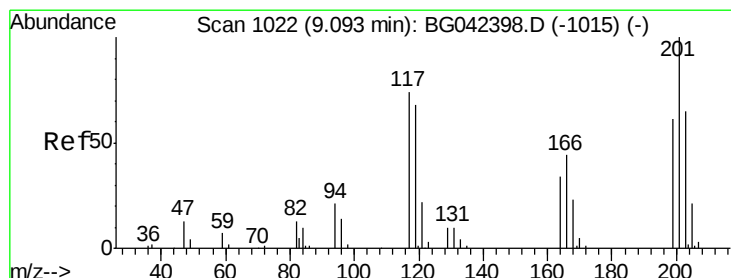
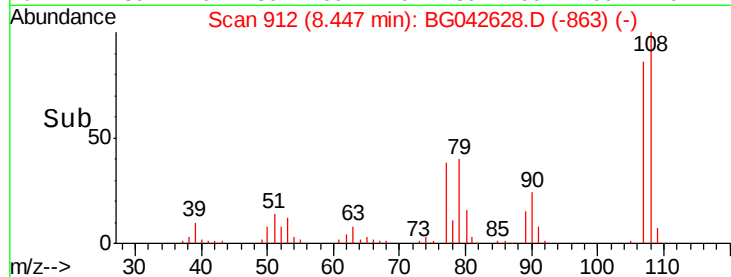
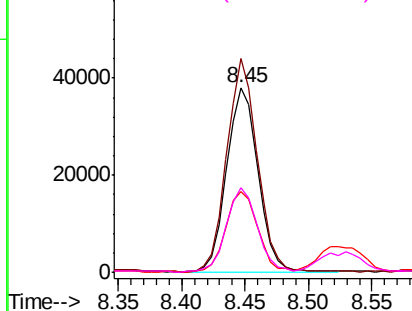
#17  
2-Methylphenol  
Concen: 40.178 ng  
RT: 8.45 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:107 Resp: 65443  
Ion Ratio Lower Upper  
107 100  
108 115.8 92.9 139.3  
77 44.0 34.4 51.6  
79 45.8 33.8 50.6

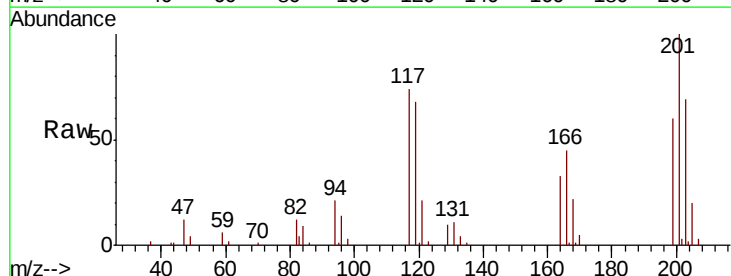


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

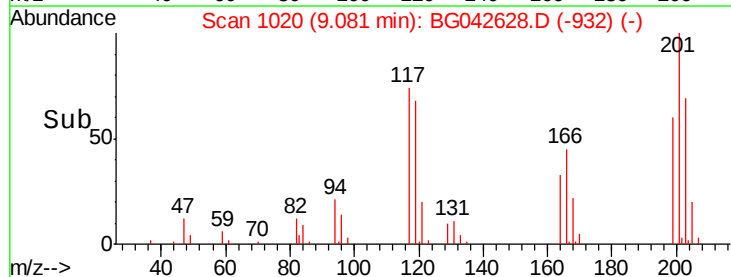
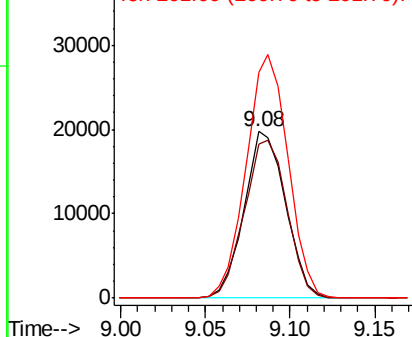


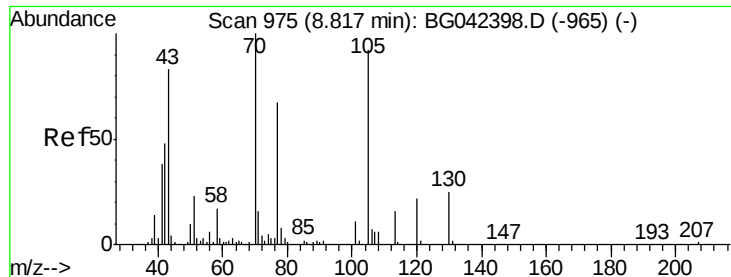
#18  
Hexachloroethane  
Concen: 39.213 ng  
RT: 9.08 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion:117 Resp: 33756  
Ion Ratio Lower Upper  
117 100  
119 92.3 73.8 110.8  
201 135.7 108.3 162.5



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

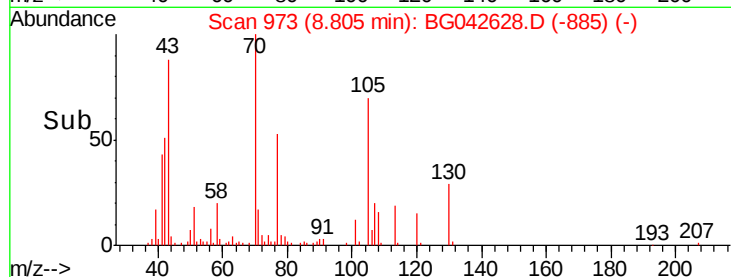
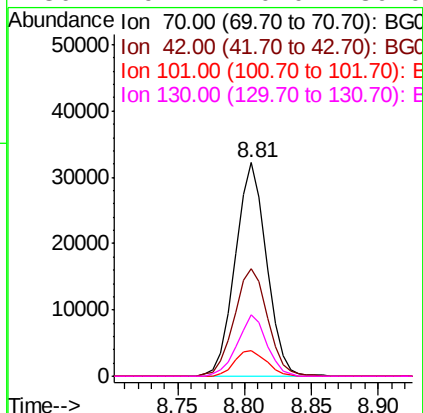
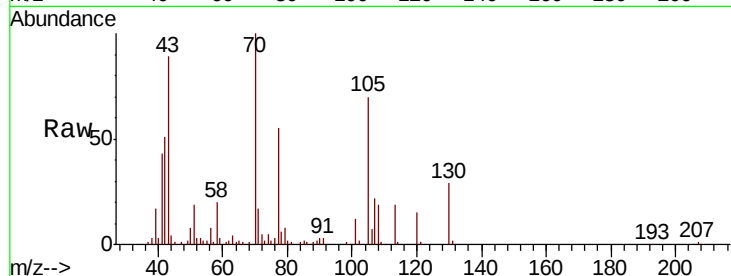




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.161 ng  
RT: 8.81 min Scan# 973  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

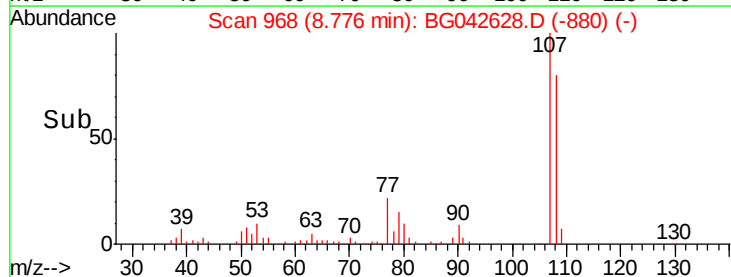
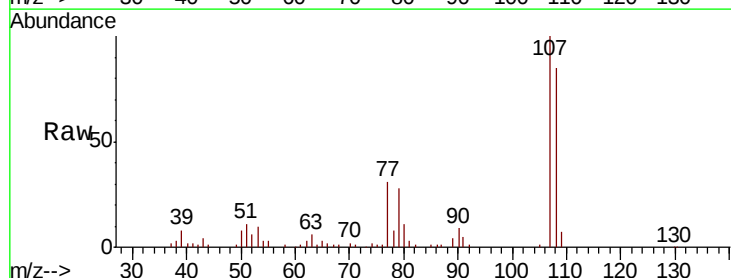
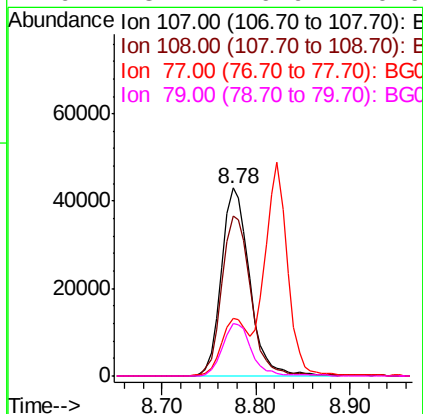
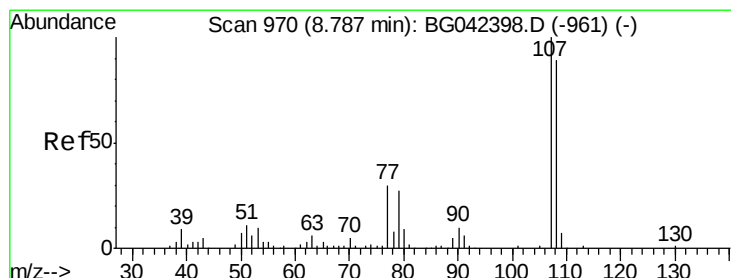
Instrument :  
BNA\_G  
ClientSampleId :

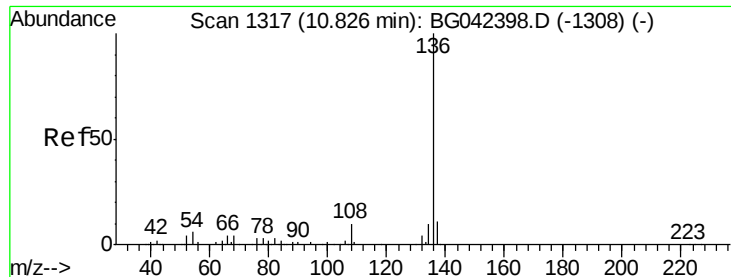
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 52363 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 50.6  | 38.8  | 58.2  |
| 101      | 11.8  | 9.0   | 13.6  |
| 130      | 29.1  | 20.0  | 30.0  |



#20  
3+4-Methylphenols  
Concen: 39.899 ng  
RT: 8.78 min Scan# 968  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 89929 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 85.2  | 68.7  | 108.7 |
| 77       | 30.5  | 10.2  | 50.2  |
| 79       | 28.1  | 6.9   | 46.9  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 126882

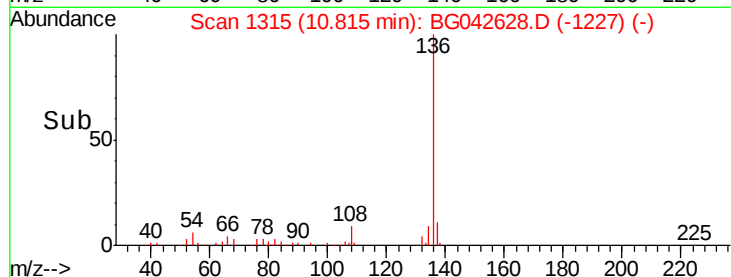
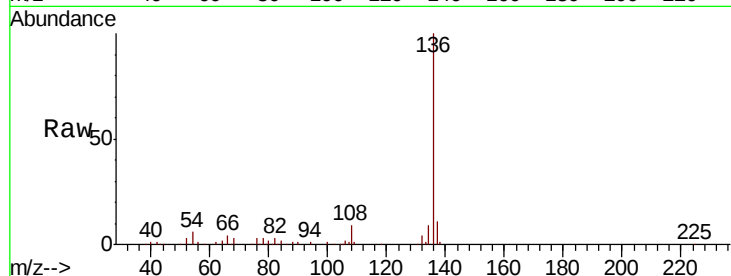
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 5.9 4.9 7.3

68 3.2 3.6 5.4#



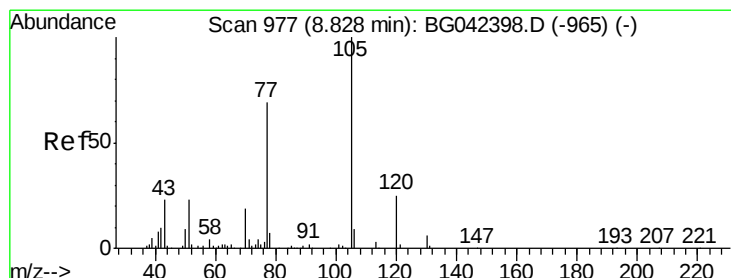
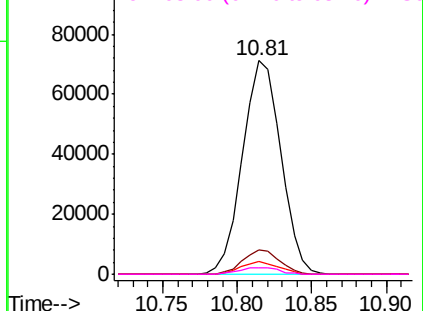
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.226 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Tgt Ion:105 Resp: 117307

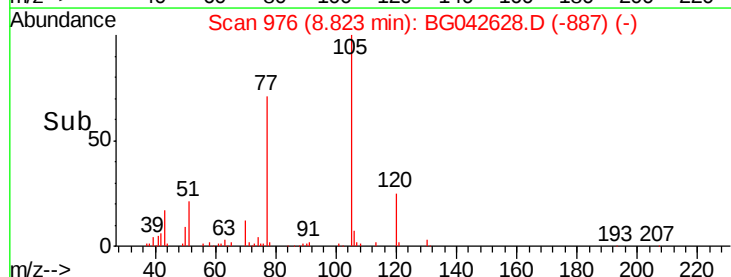
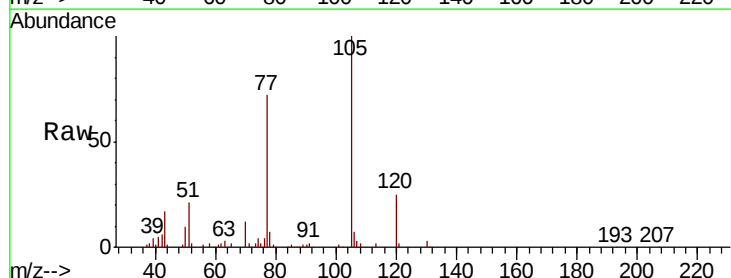
Ion Ratio Lower Upper

105 100

71 2.2 2.8 4.2#

51 21.4 18.7 28.1

120 24.5 20.1 30.1



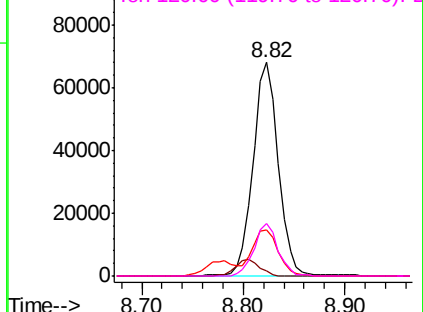
Abundance

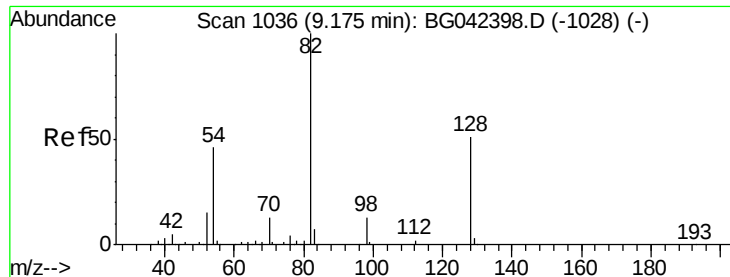
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

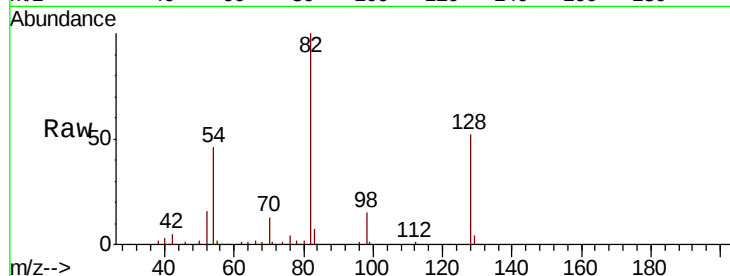




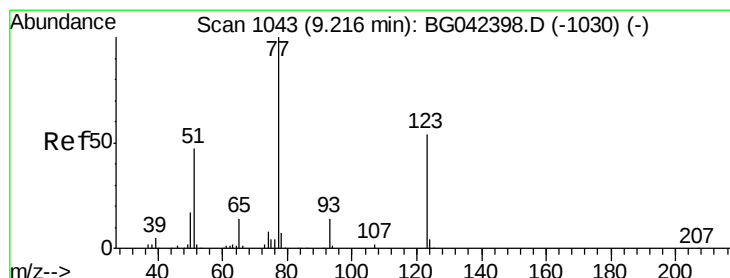
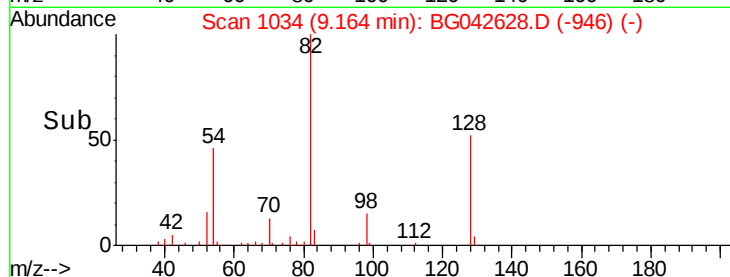
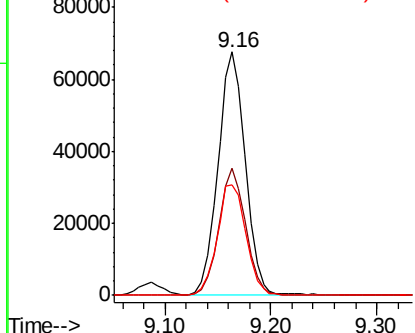
#23  
Nitrobenzene-d5  
Concen: 66.323 ng  
RT: 9.16 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion   | 82    | Resp  | 121776 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 52.0  | 40.7  | 61.1   |
| 54        | 45.5  | 36.3  | 54.5   |

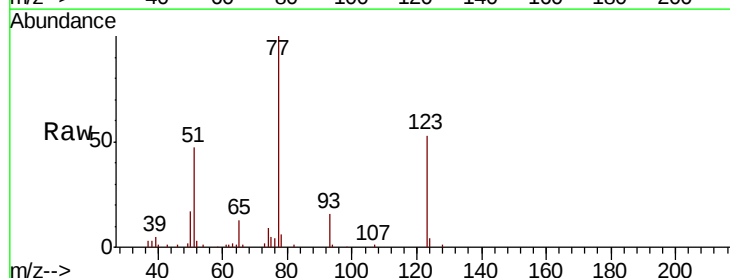


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

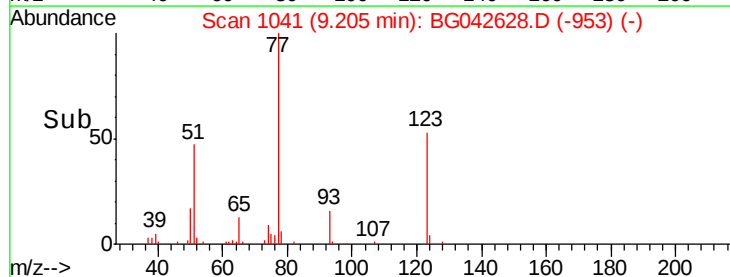
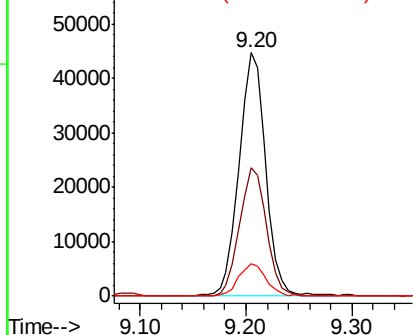


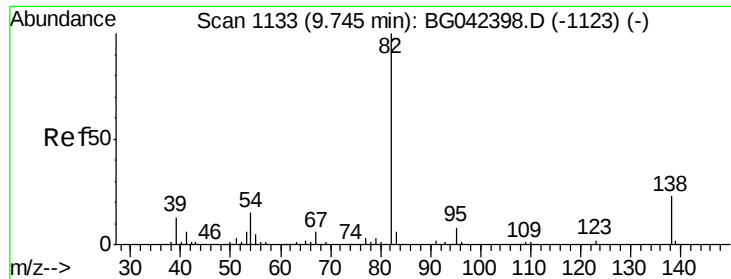
#24  
Nitrobenzene  
Concen: 41.970 ng  
RT: 9.20 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

| Tgt Ion   | 77    | Resp  | 78035 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 52.9  | 43.4  | 65.0  |
| 65        | 13.4  | 11.0  | 16.6  |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC

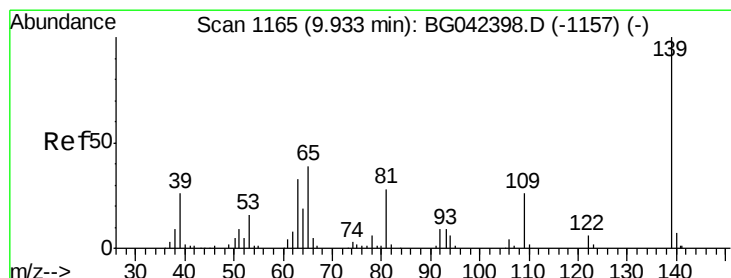
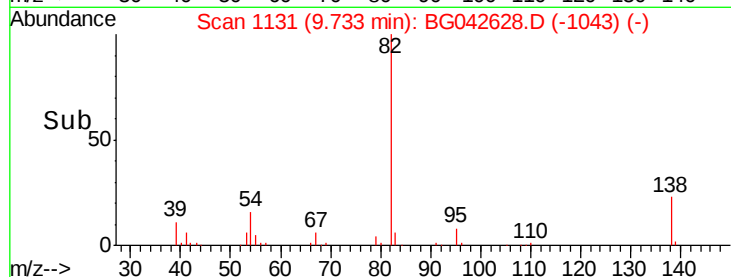
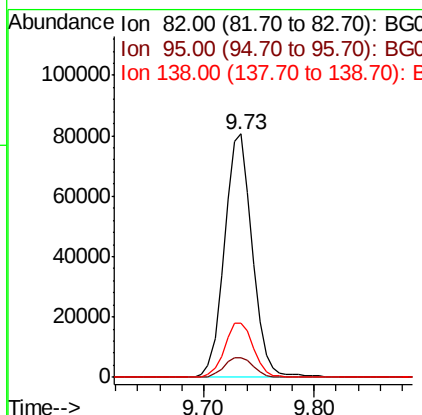
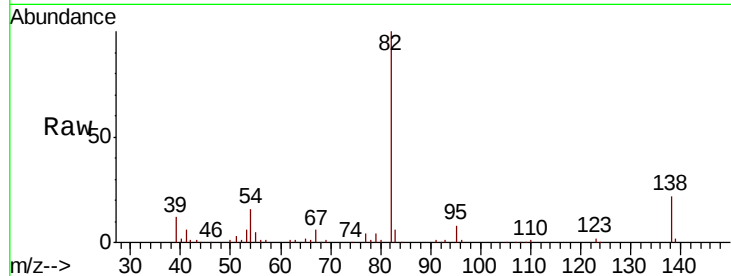




#25  
Isophorone  
Concen: 39.248 ng  
RT: 9.73 min Scan# 1131  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

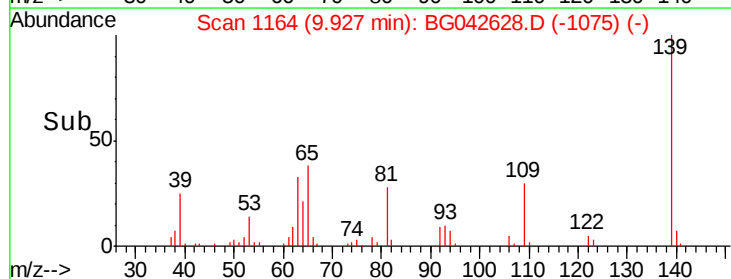
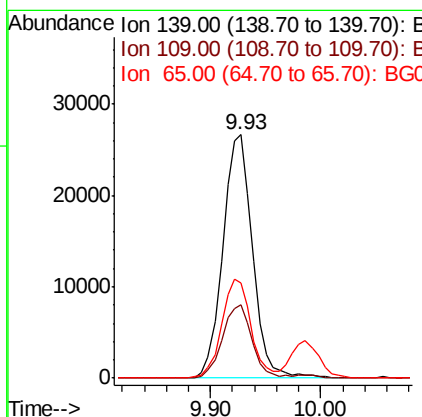
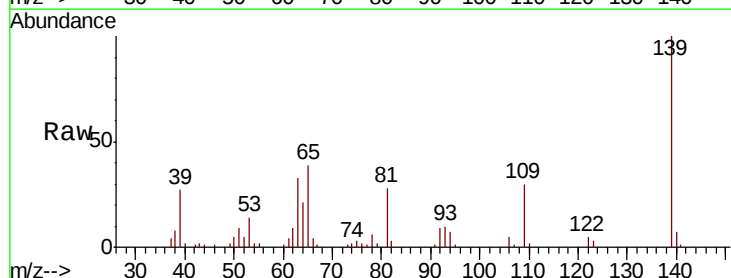
Instrument :  
BNA\_G  
ClientSampleId :

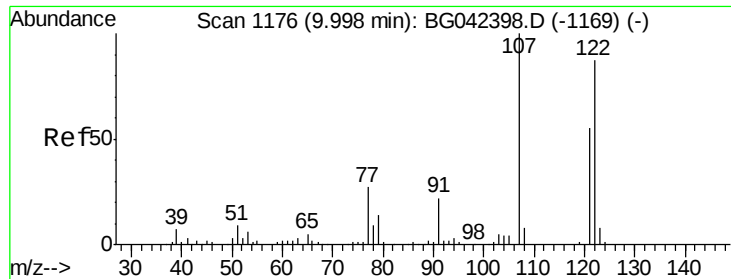
Tot Ion: 82 Resp: 142219  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.6 9.8  
138 22.5 18.6 27.8



#26  
2-Nitrophenol  
Concen: 42.995 ng  
RT: 9.93 min Scan# 1164  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion: 139 Resp: 50096  
Ion Ratio Lower Upper  
139 100  
109 29.9 20.5 30.7  
65 39.2 30.9 46.3

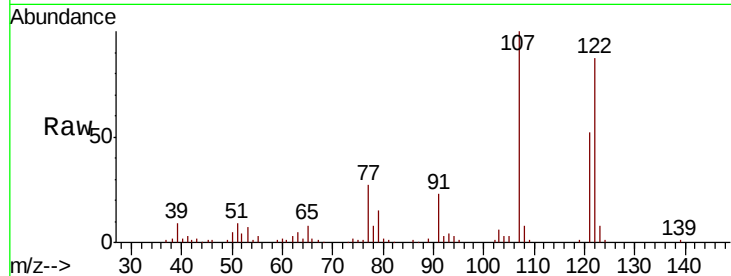




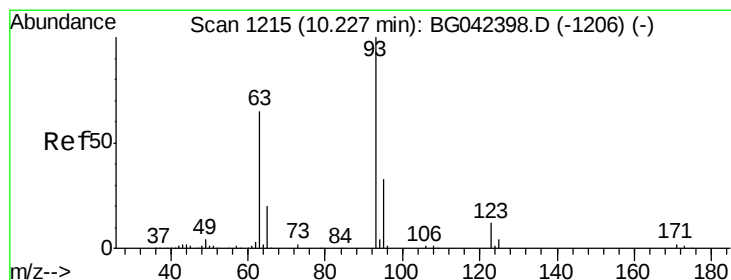
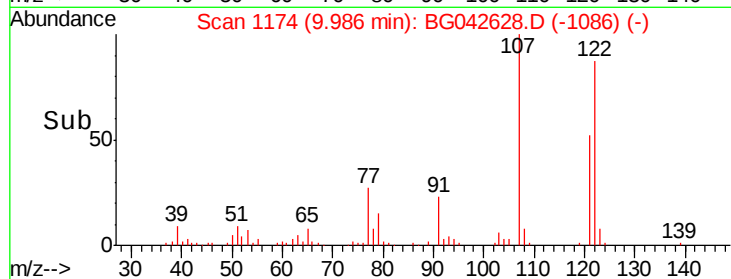
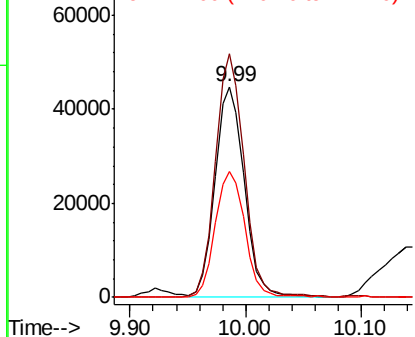
#27  
2,4-Dimethylphenol  
Concen: 48.422 ng  
RT: 9.99 min Scan# 1174  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:122 Resp: 77718  
Ion Ratio Lower Upper  
122 100  
107 115.6 90.8 136.2  
121 59.7 49.6 74.4

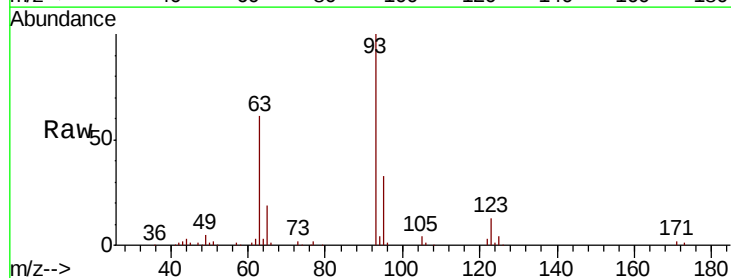


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

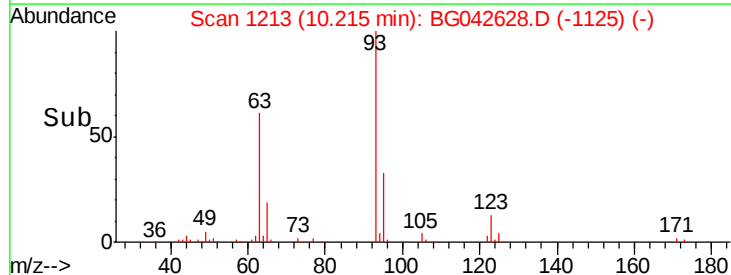
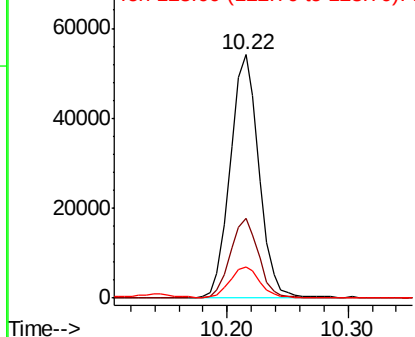


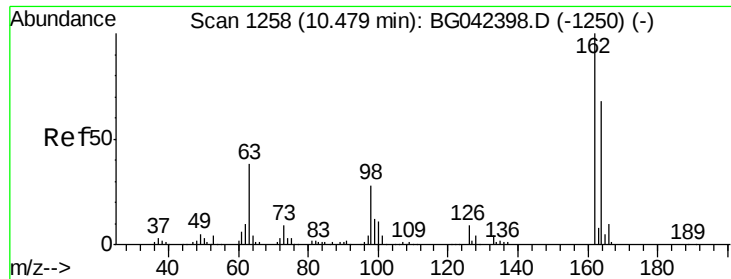
#28  
bis(2-Chloroethoxy)methane  
Concen: 39.352 ng  
RT: 10.22 min Scan# 1213  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion: 93 Resp: 89875  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.6 40.0  
123 13.0 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E

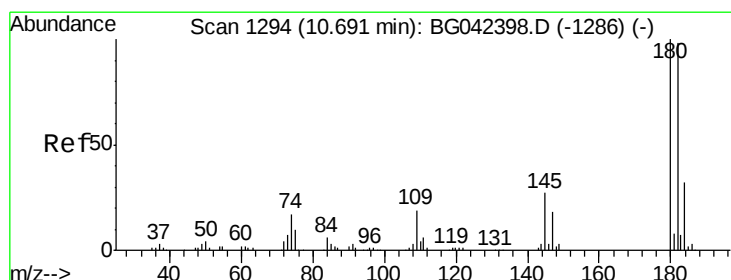
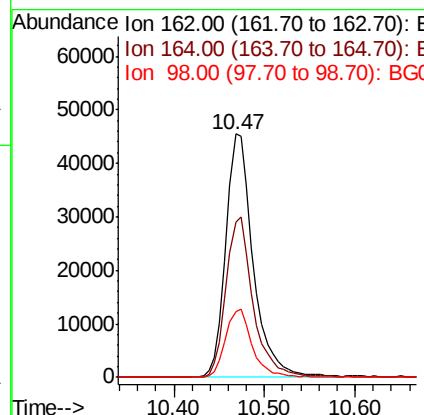
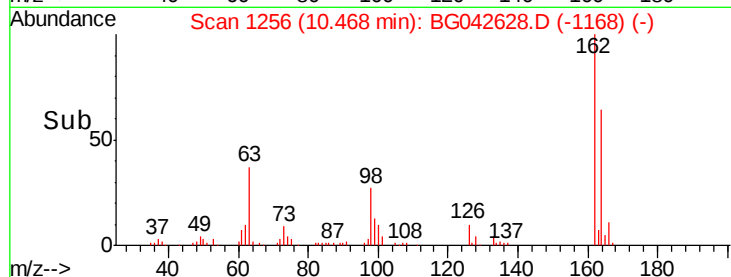
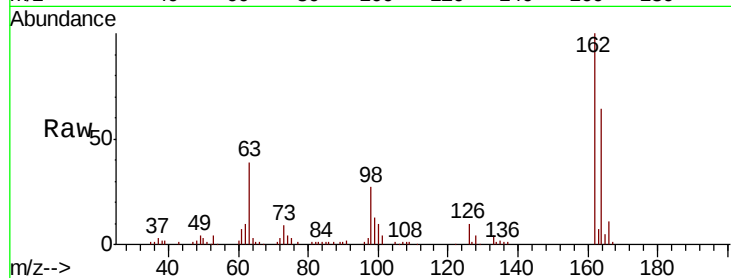




#29  
2,4-Dichlorophenol  
Concen: 45.442 ng  
RT: 10.47 min Scan# 1256  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

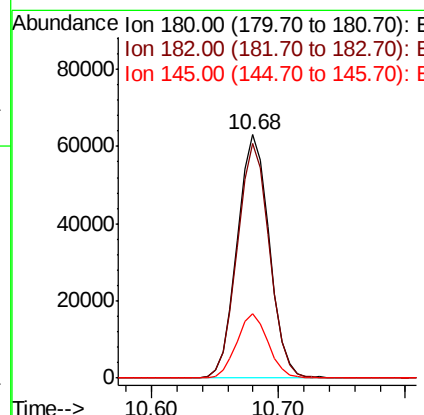
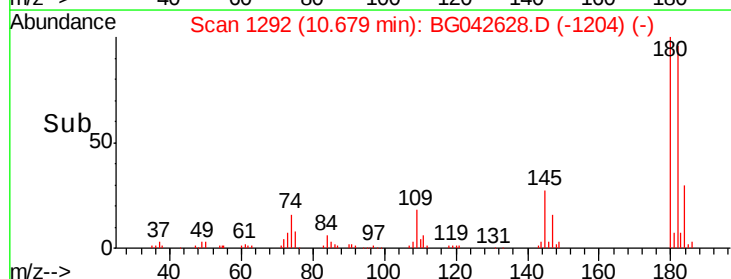
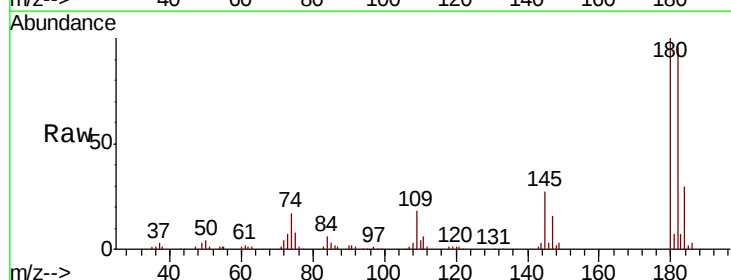
Instrument :  
BNA\_G  
ClientSampleId :

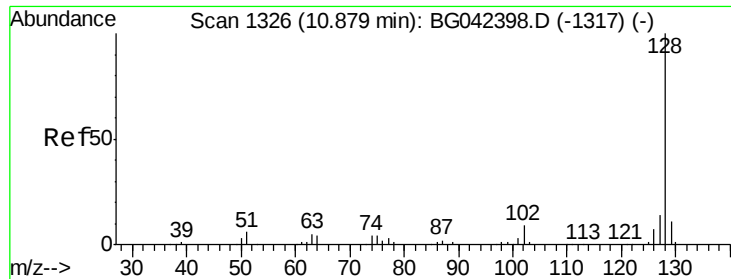
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.6  | 48.1  | 88.1  |
| 98      | 26.9  | 7.6   | 47.6  |



#30  
1,2,4-Trichlorobenzene  
Concen: 42.806 ng  
RT: 10.68 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 78.7  | 118.1 |
| 145     | 26.6  | 21.6  | 32.4  |

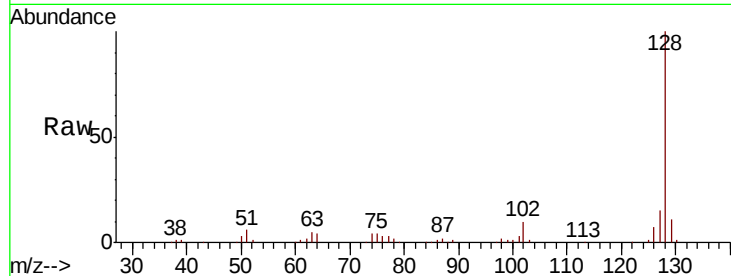




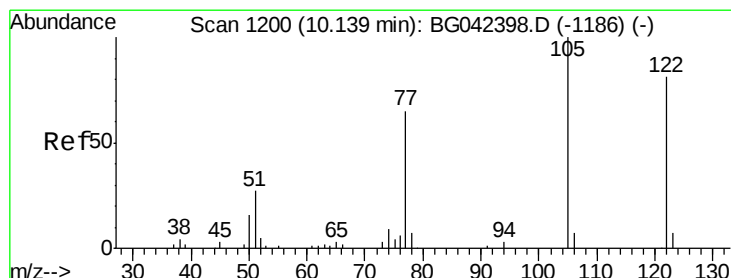
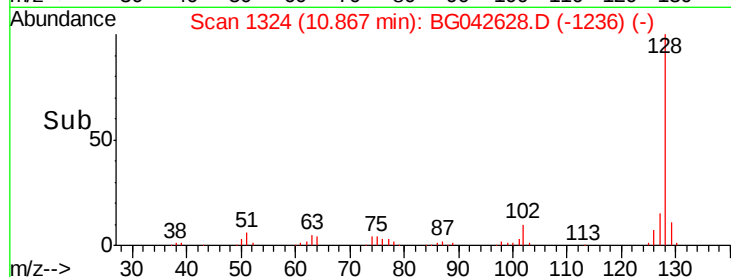
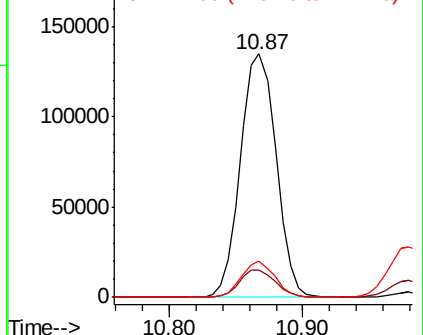
#31  
Naphthalene  
Concen: 42.394 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 249732  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.8 13.2  
127 14.9 11.4 17.0

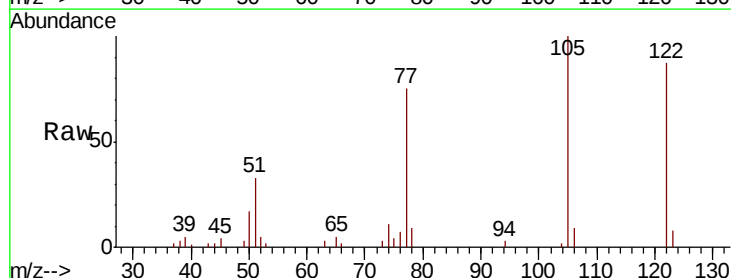


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

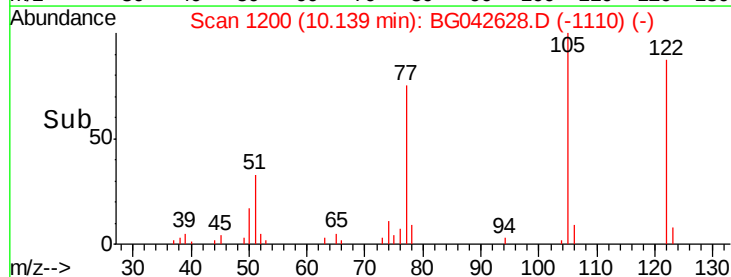
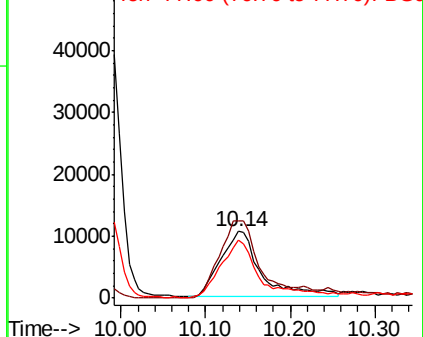


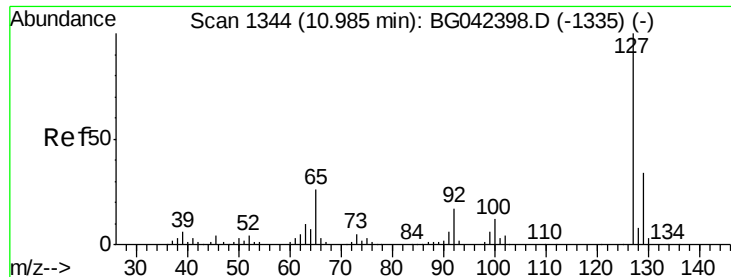
#32  
Benzoic acid  
Concen: 33.407 ng  
RT: 10.14 min Scan# 1200  
Delta R.T. 0.00 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion:122 Resp: 35427  
Ion Ratio Lower Upper  
122 100  
105 115.0 99.6 139.6  
77 86.6 59.5 99.5



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

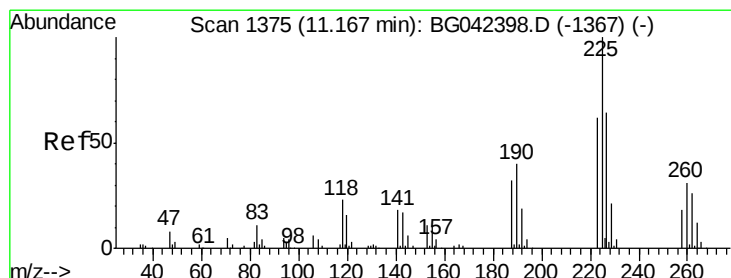
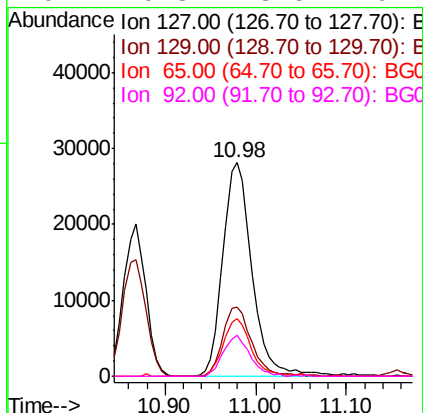
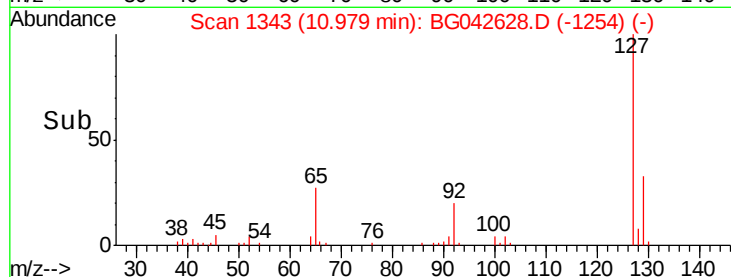
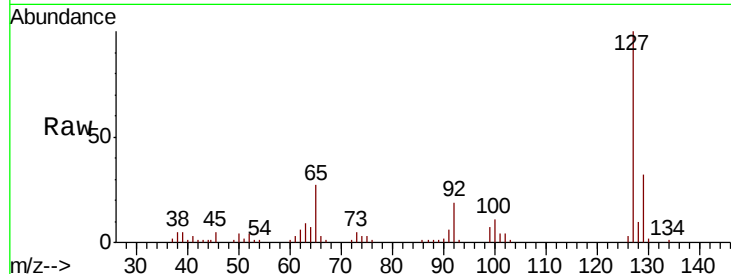




#33  
4-Chloroaniline  
Concen: 23.147 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

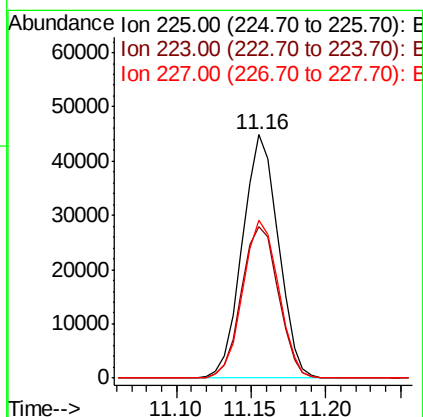
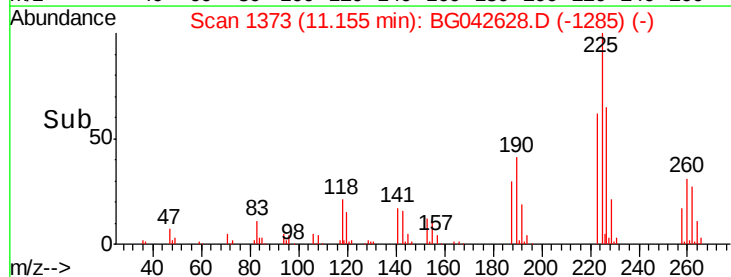
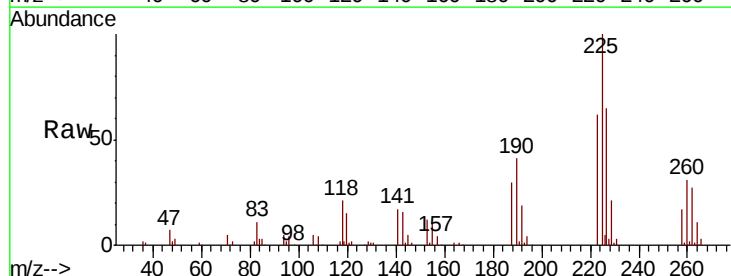
Instrument :  
BNA\_G  
ClientSampleId :

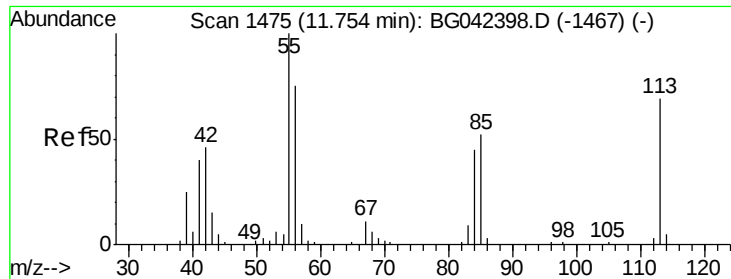
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 62945 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.3  | 26.8  | 40.2  |
| 65       | 27.2  | 20.7  | 31.1  |
| 92       | 19.3  | 13.6  | 20.4  |



#34  
Hexachlorobutadiene  
Concen: 43.176 ng  
RT: 11.16 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 74793 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.4  | 49.8  | 74.6  |
| 227      | 64.7  | 50.9  | 76.3  |

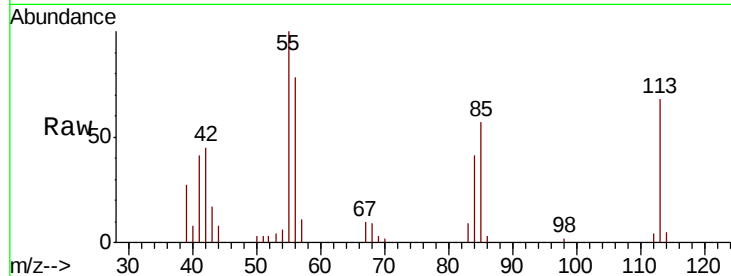




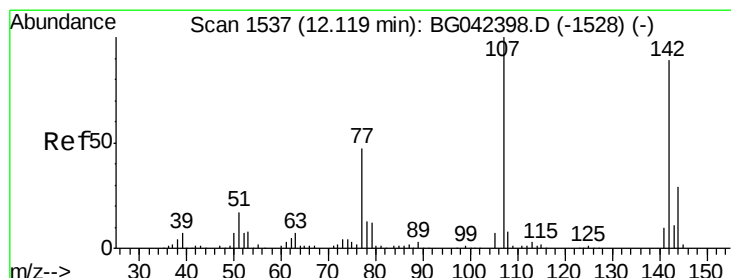
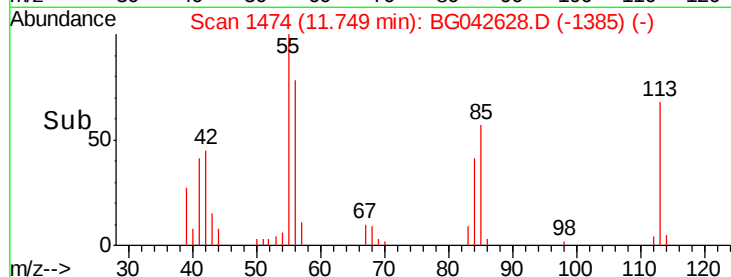
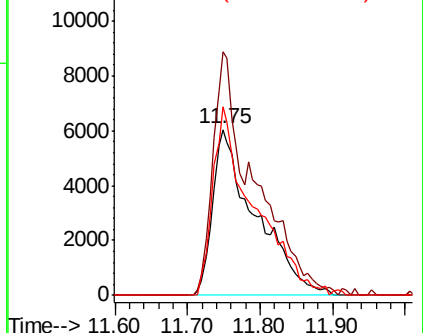
#35  
Caprolactam  
Concen: 35.373 ng  
RT: 11.75 min Scan# 1474  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:113 Resp: 24786  
Ion Ratio Lower Upper  
113 100  
55 146.5 124.6 164.6  
56 113.7 88.3 128.3

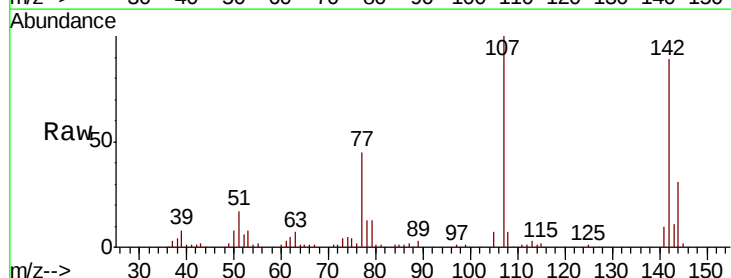


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BG  
Ion 56.00 (55.70 to 56.70): BG

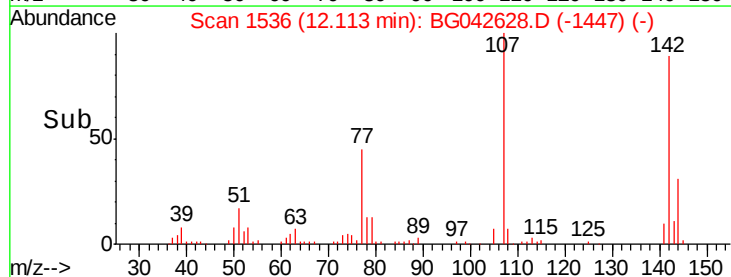
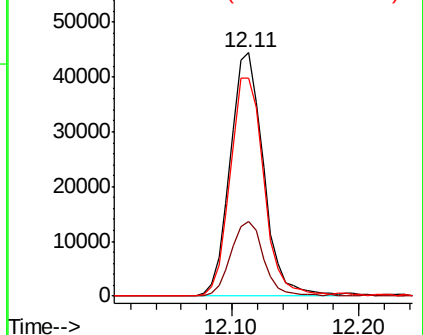


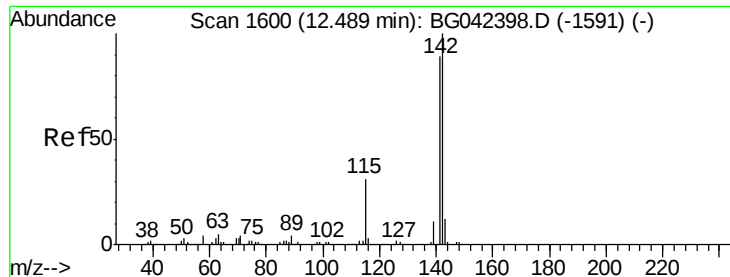
#36  
4-Chloro-3-methylphenol  
Concen: 40.609 ng  
RT: 12.11 min Scan# 1536  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion:107 Resp: 80953  
Ion Ratio Lower Upper  
107 100  
144 30.6 23.6 35.4  
142 89.3 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

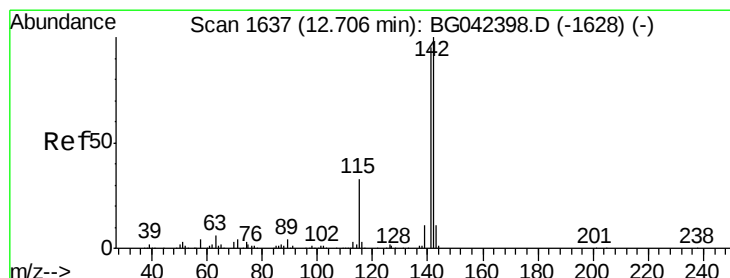
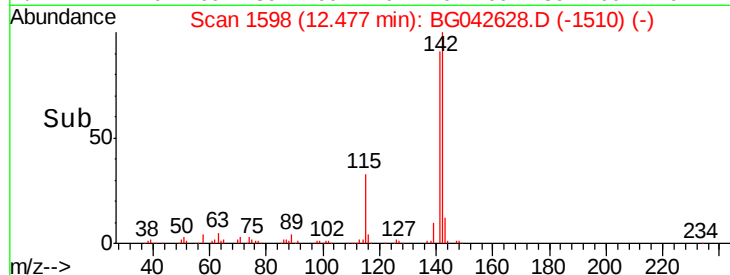
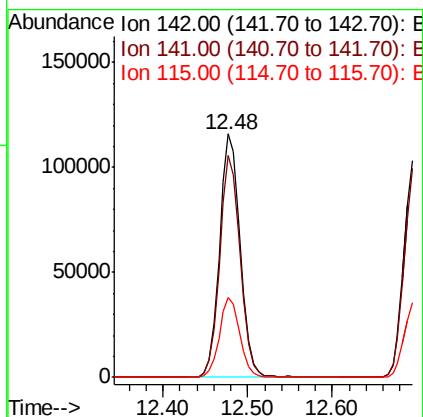
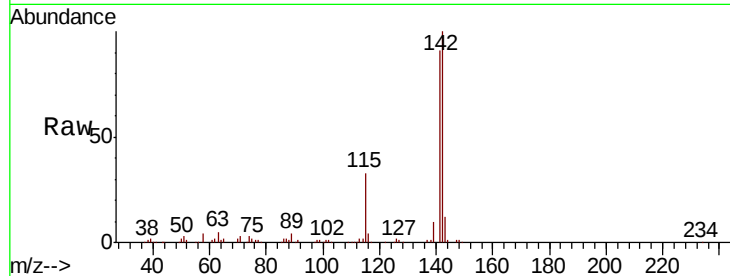




#37  
 2-Methylnaphthalene  
 Concen: 41.541 ng  
 RT: 12.48 min Scan# 1598  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

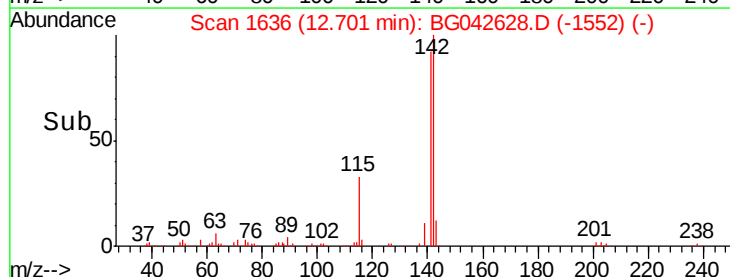
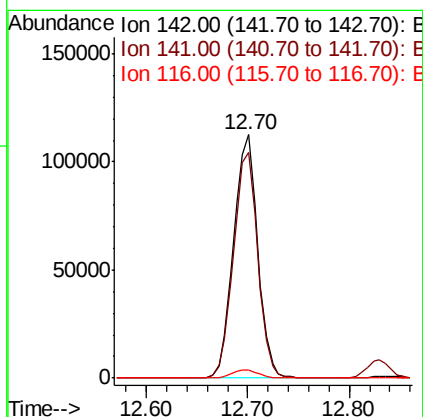
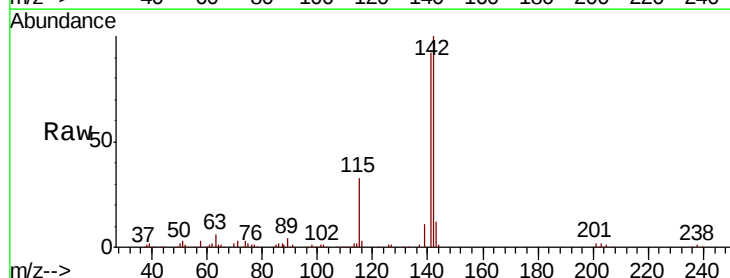
Instrument :  
 BNA\_G  
 ClientSampleId :

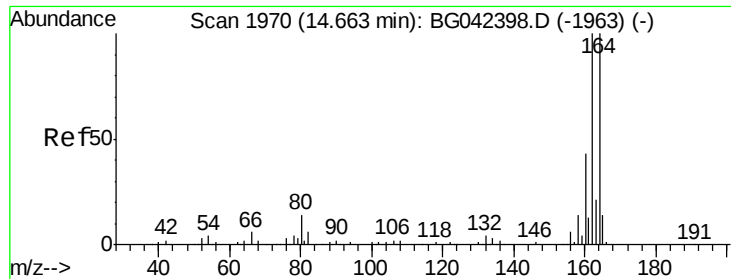
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.9  | 71.4  | 107.2 |
| 115     | 32.5  | 25.2  | 37.8  |



#38  
 1-Methylnaphthalene  
 Concen: 41.356 ng  
 RT: 12.70 min Scan# 1636  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.5  | 76.2  | 114.2 |
| 116     | 3.3   | 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: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampleId :

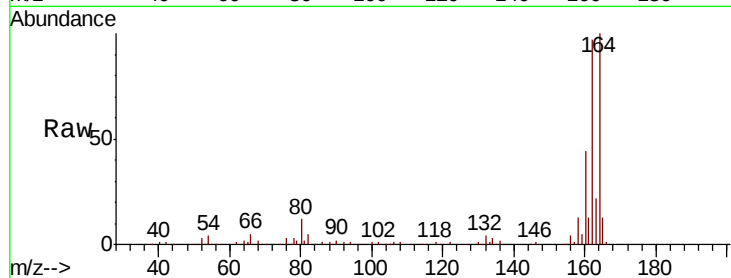
Tot Ion:164 Resp: 89625

Ion Ratio Lower Upper

164 100

162 96.8 79.9 119.9

160 43.5 34.3 51.5

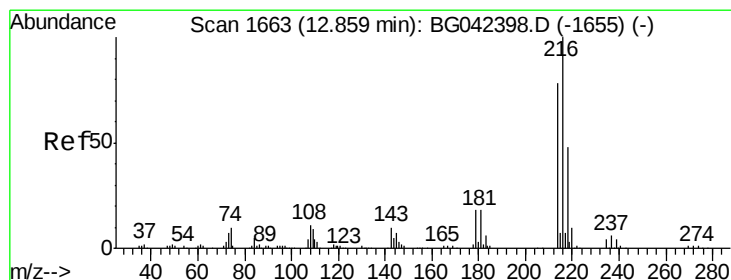
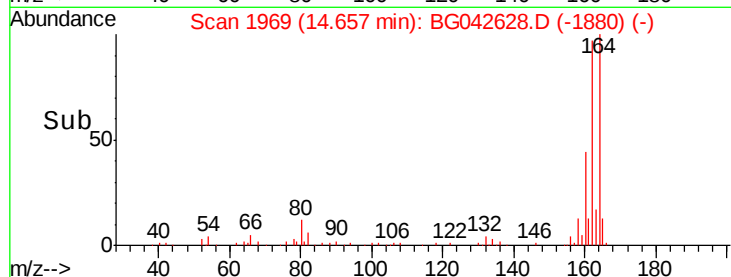
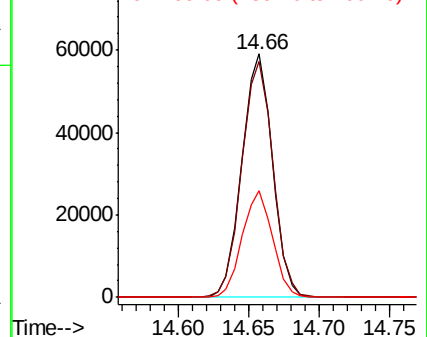


Abundance

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: 46.634 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Tgt Ion:216 Resp: 134222

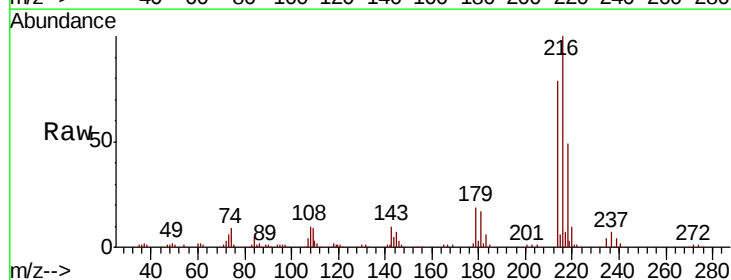
Ion Ratio Lower Upper

216 100

214 77.0 61.4 92.2

179 18.5 15.1 22.7

108 12.4 9.4 14.0



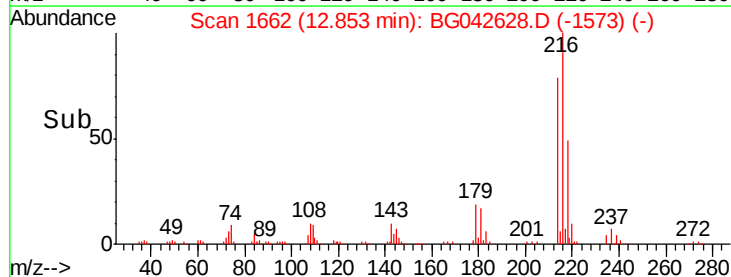
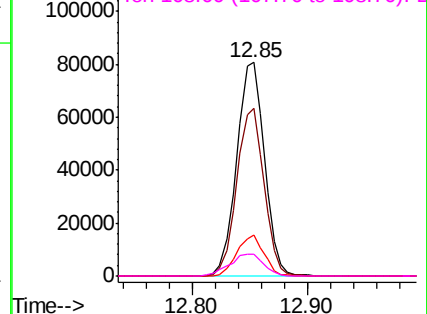
Abundance

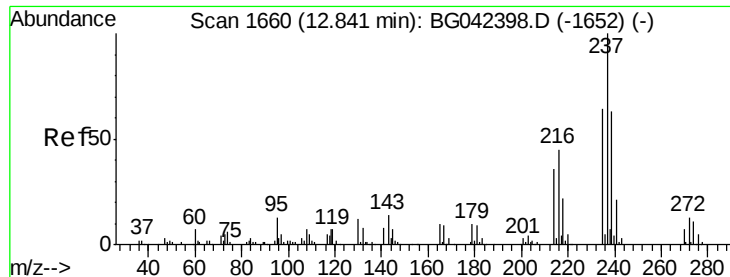
Ion 216.00 (215.70 to 216.70): E

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: 95.879 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

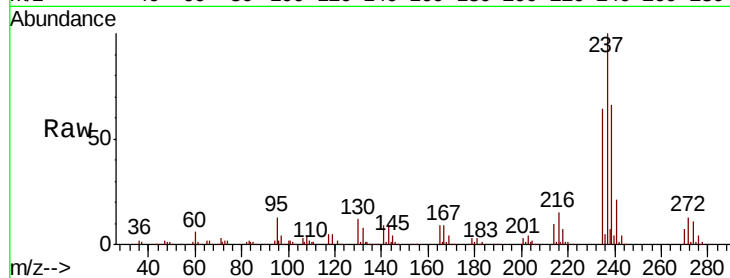
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:237 Resp: 144957

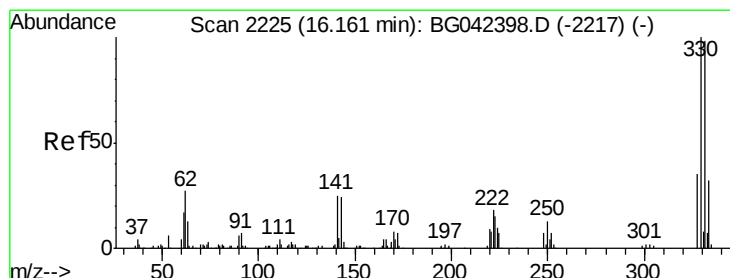
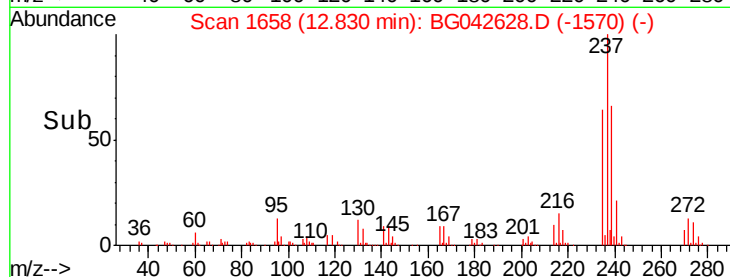
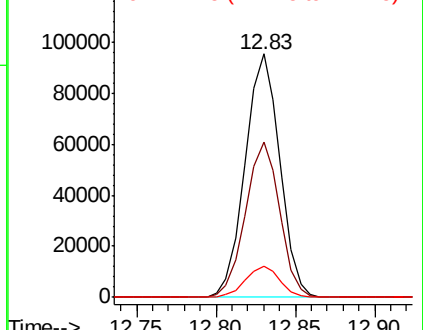
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 63.8  | 43.7  | 83.7  |
| 272 | 12.8  | 0.0   | 33.3  |



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: 113.197 ng

RT: 16.15 min Scan# 2223

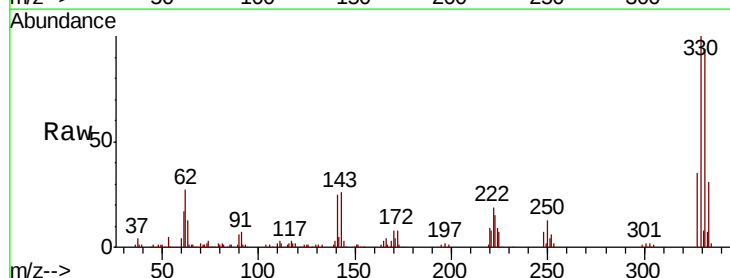
Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Tgt Ion:330 Resp: 144198

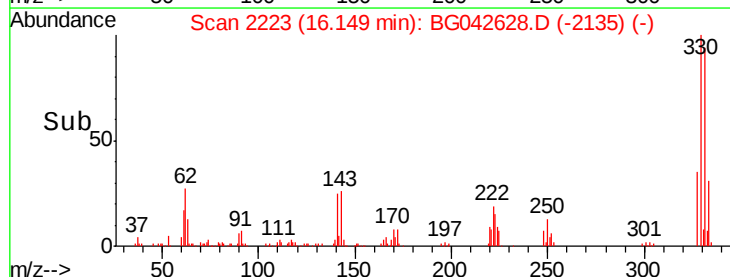
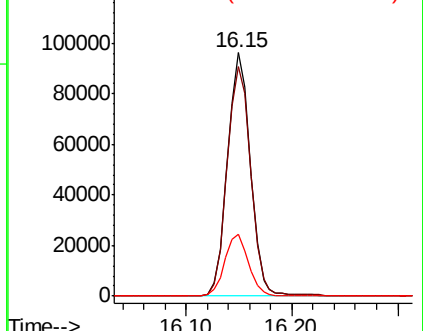
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 97.4  | 77.4  | 116.0 |
| 141 | 26.3  | 21.4  | 32.0  |

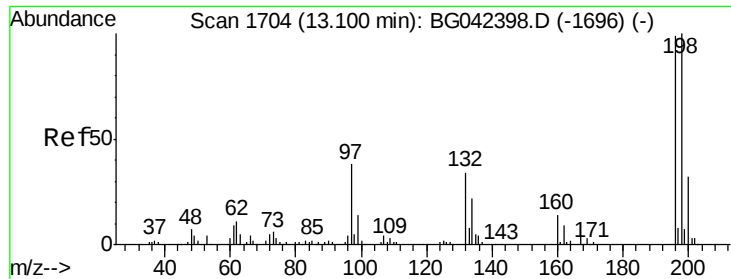


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

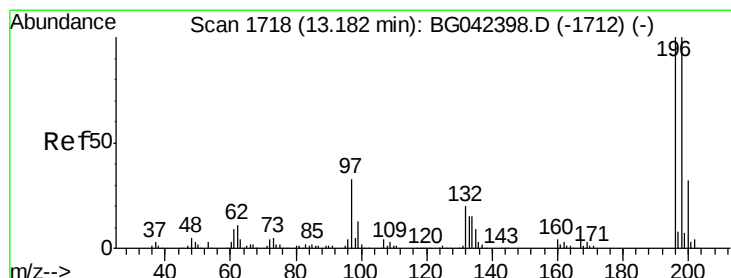
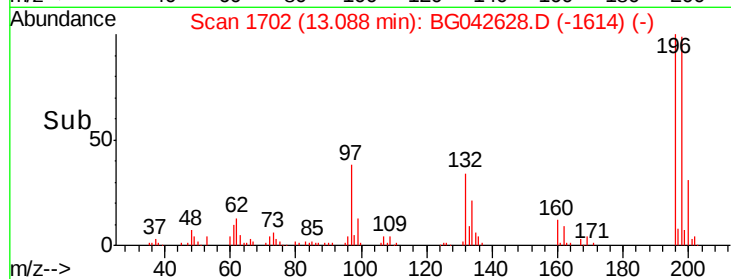
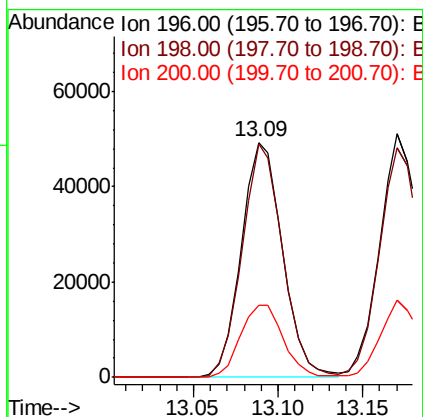
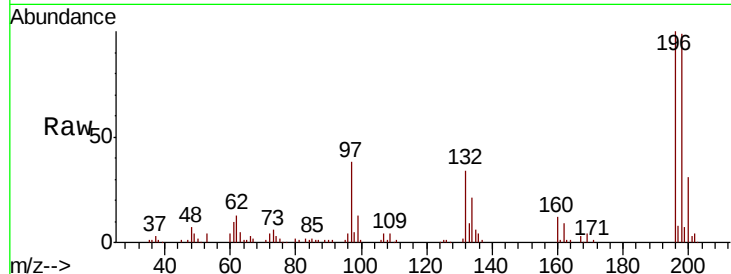




#43  
 2,4,6-Trichlorophenol  
 Concen: 43.056 ng  
 RT: 13.09 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

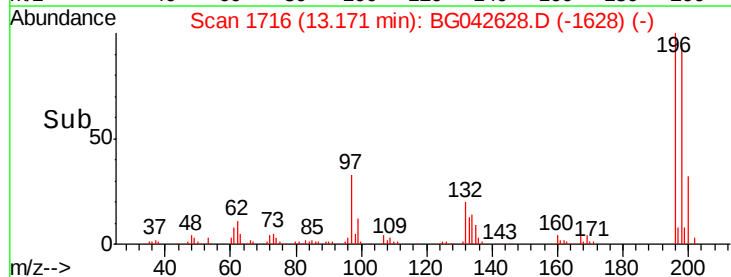
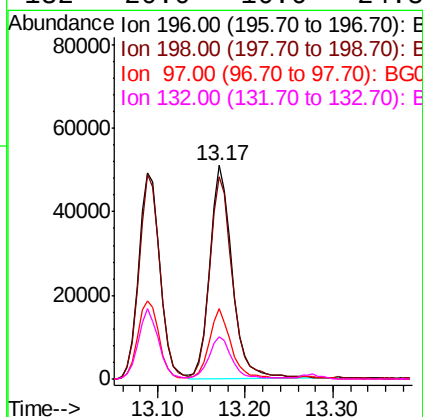
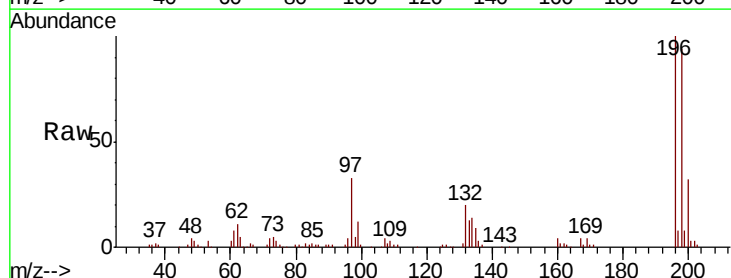
Instrument :  
 BNA\_G  
 ClientSampleId :

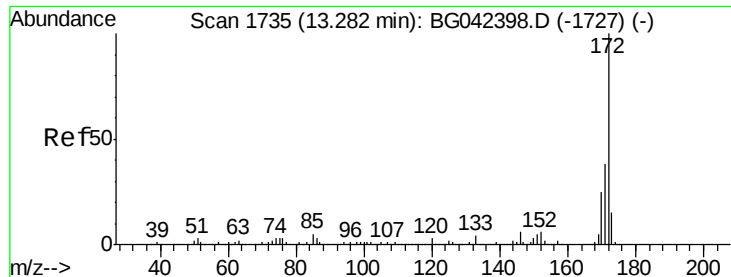
Tot Ion:196 Resp: 83763  
 Ion Ratio Lower Upper  
 196 100  
 198 99.2 80.7 121.1  
 200 30.8 25.7 38.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.175 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

Tgt Ion:196 Resp: 91075  
 Ion Ratio Lower Upper  
 196 100  
 198 94.5 80.2 120.4  
 97 32.8 26.3 39.5  
 132 20.0 16.6 24.8

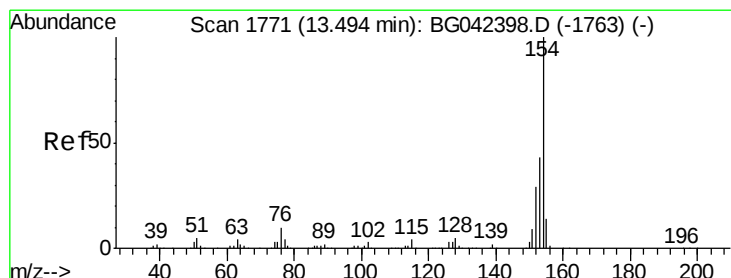
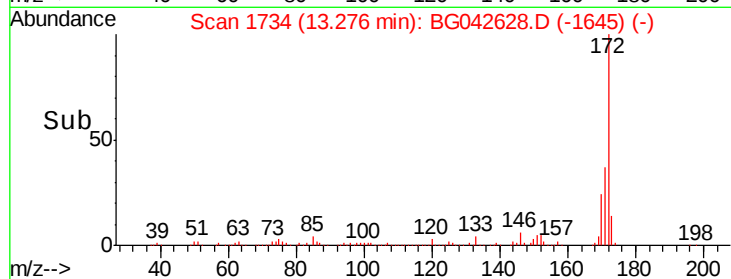
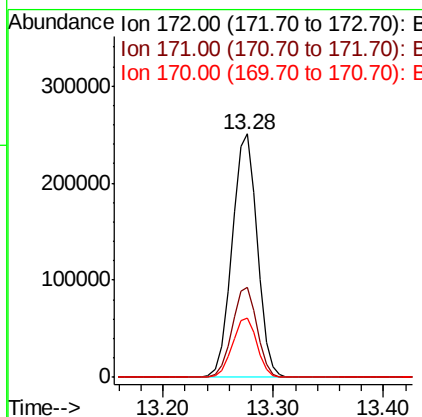
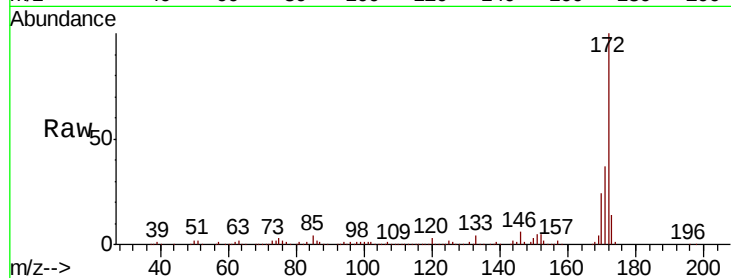




#45  
 2-Fluorobiphenyl  
 Concen: 75.432 ng  
 RT: 13.28 min Scan# 1734  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

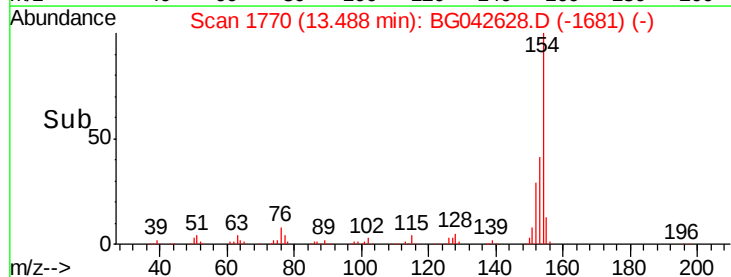
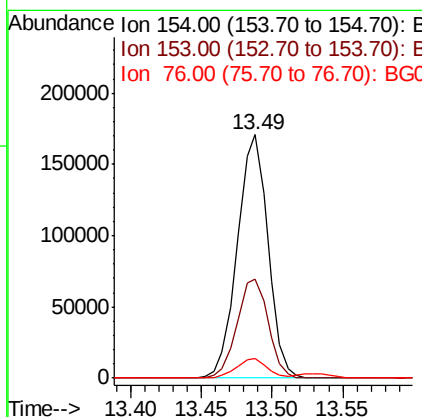
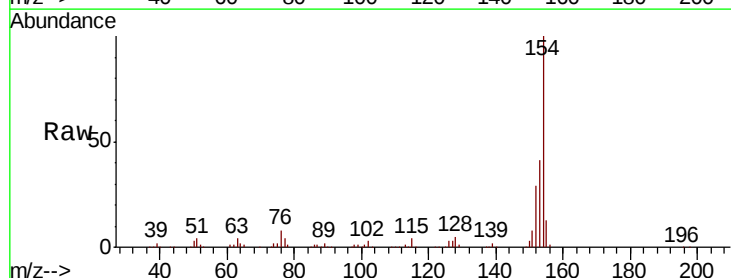
Instrument :  
 BNA\_G  
 ClientSampleId :

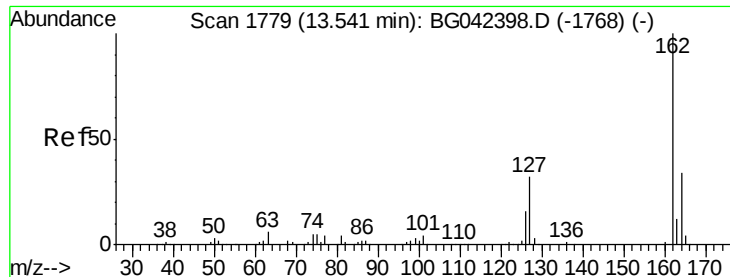
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.0  | 30.5  | 45.7  |
| 170     | 24.2  | 20.2  | 30.2  |



#46  
 1,1'-Biphenyl  
 Concen: 44.635 ng  
 RT: 13.49 min Scan# 1770  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.9  | 23.0  | 63.0  |
| 76      | 8.0   | 0.0   | 29.6  |

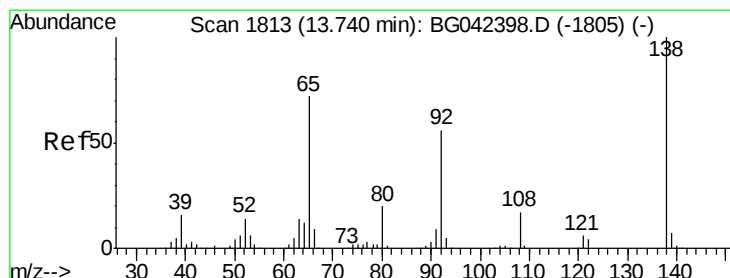
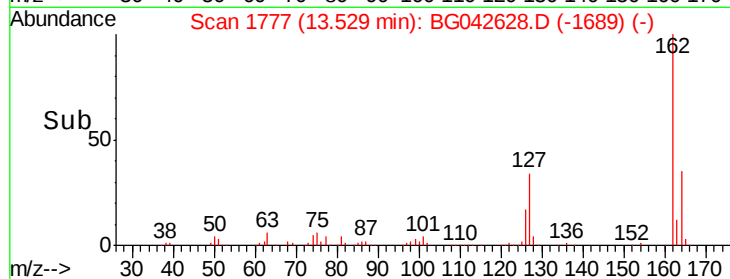
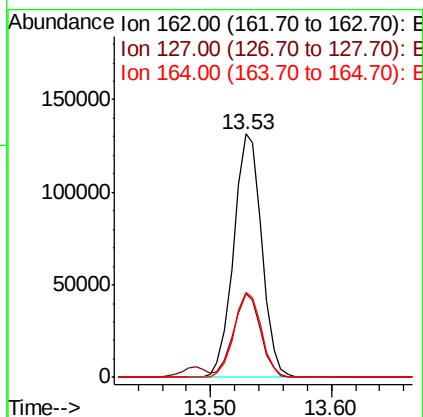
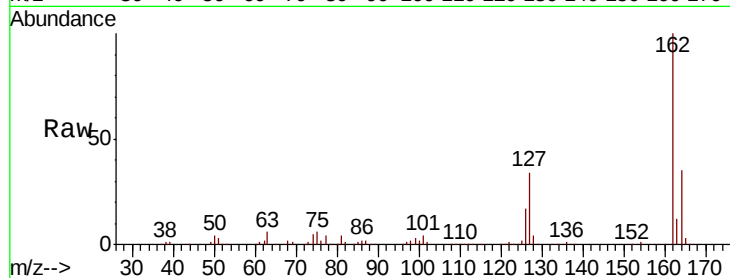




#47  
 2-Chloronaphthalene  
 Concen: 42.621 ng  
 RT: 13.53 min Scan# 1777  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

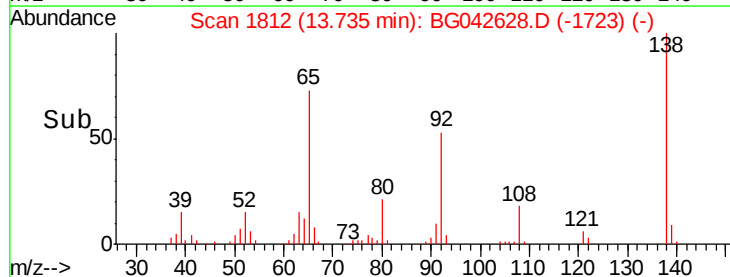
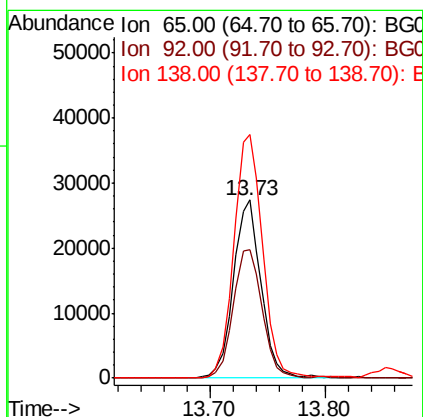
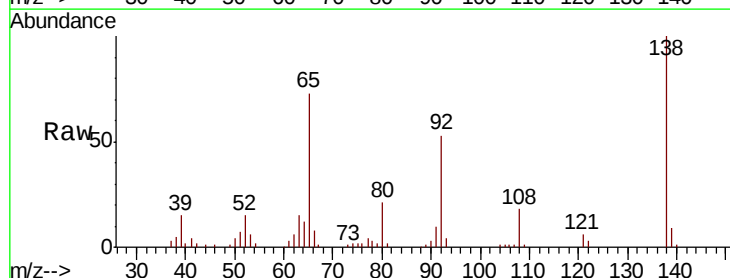
Instrument :  
 BNA\_G  
 ClientSampleId :

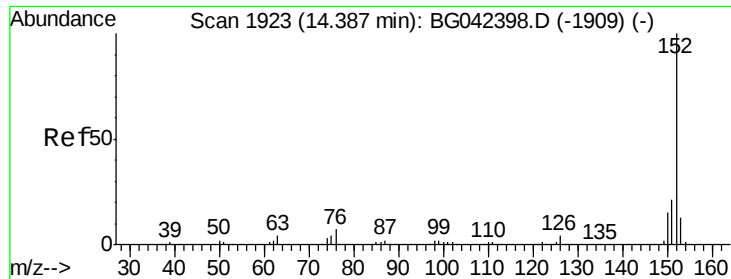
Tot Ion:162 Resp: 212911  
 Ion Ratio Lower Upper  
 162 100  
 127 34.3 26.0 39.0  
 164 35.0 27.4 41.0



#48  
 2-Nitroaniline  
 Concen: 37.621 ng  
 RT: 13.73 min Scan# 1812  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

Tgt Ion: 65 Resp: 45319  
 Ion Ratio Lower Upper  
 65 100  
 92 72.0 61.8 92.6  
 138 136.7 111.0 166.6





#49

Acenaphthylene

Concen: 43.936 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

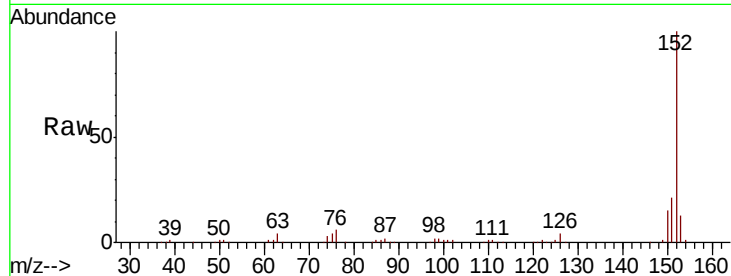
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:152 Resp: 330204

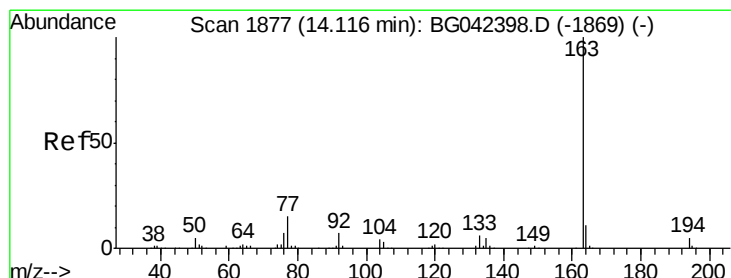
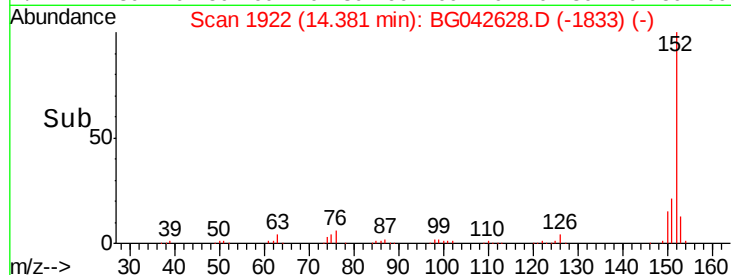
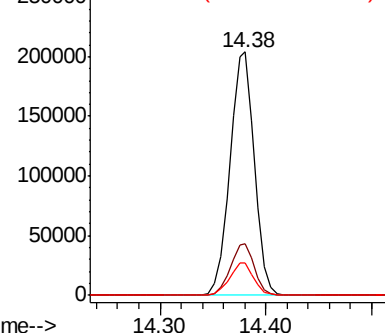
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.2  | 17.0  | 25.4  |
| 153 | 13.2  | 10.6  | 16.0  |



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: 41.153 ng

RT: 14.10 min Scan# 1875

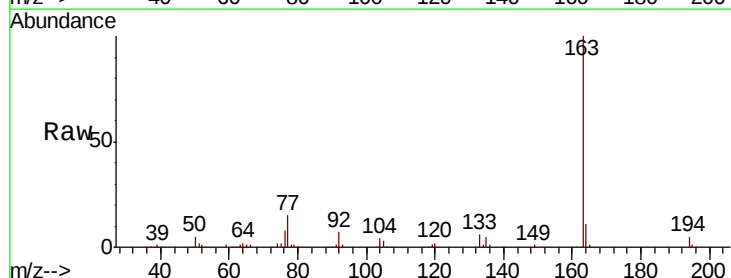
Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Tgt Ion:163 Resp: 266126

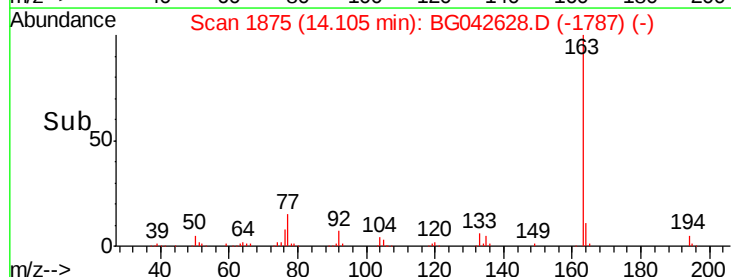
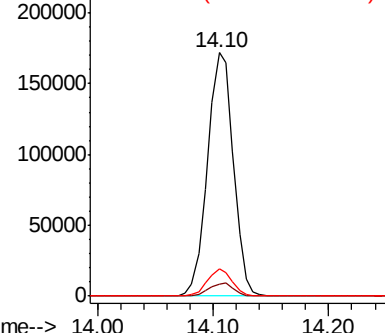
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 5.0   | 4.2   | 6.2   |
| 164 | 11.0  | 8.8   | 13.2  |

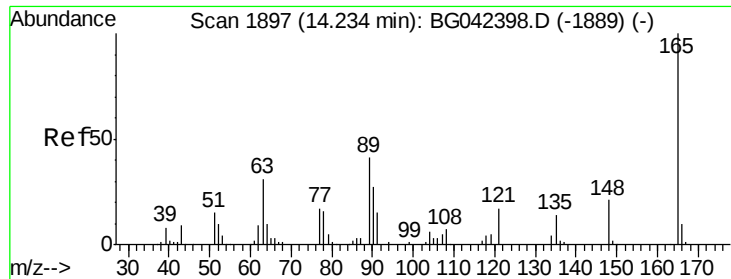


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

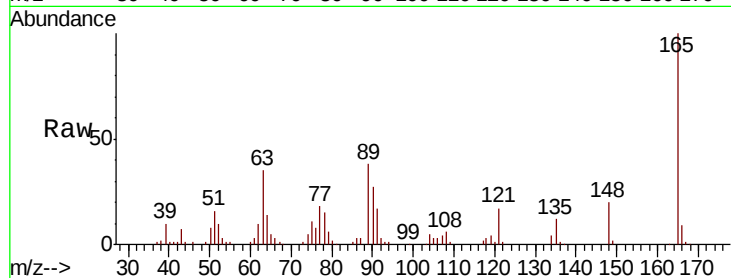




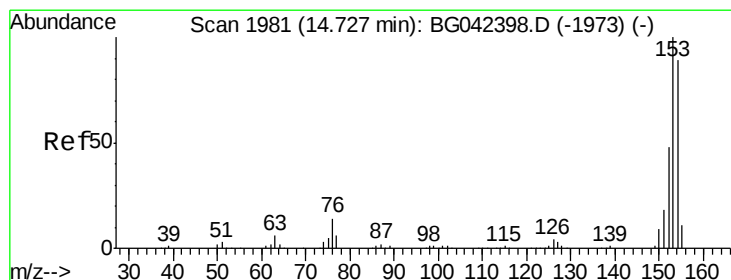
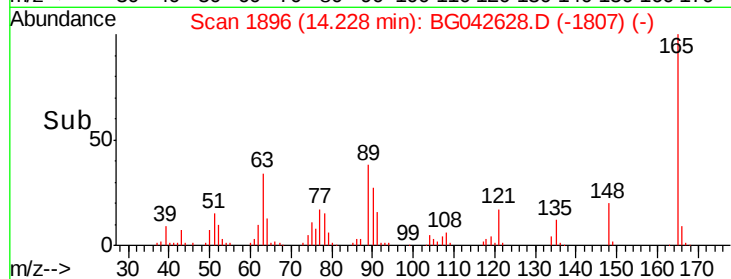
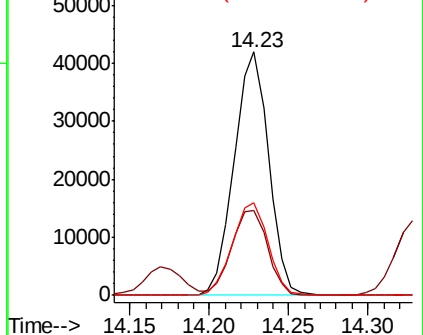
#51  
 2,6-Dinitrotoluene  
 Concen: 42.283 ng  
 RT: 14.23 min Scan# 1896  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:165 Resp: 63380  
 Ion Ratio Lower Upper  
 165 100  
 63 34.7 30.6 45.8  
 89 37.9 32.6 49.0

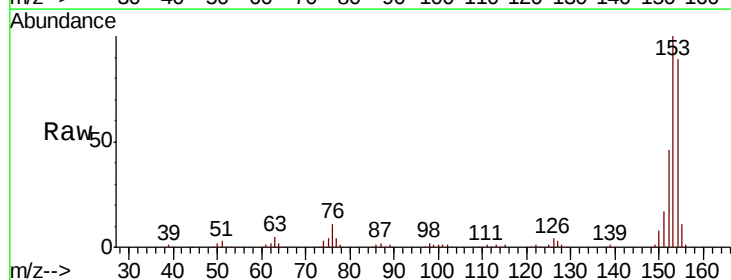


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

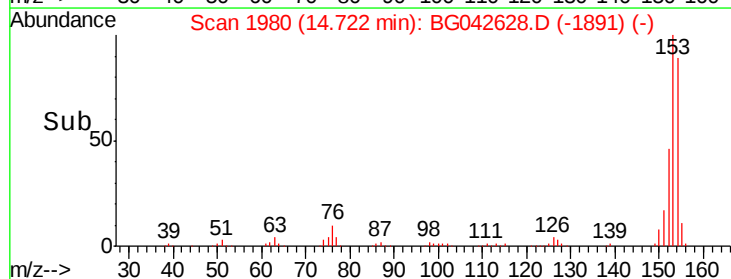
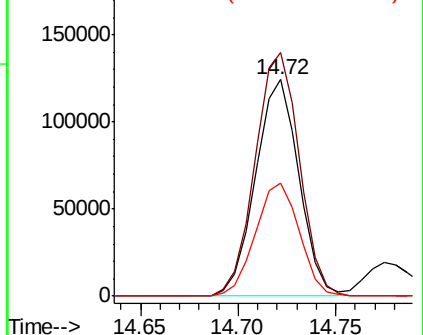


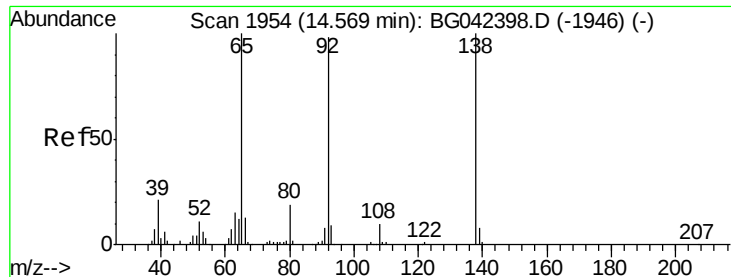
#52  
 Acenaphthene  
 Concen: 41.806 ng  
 RT: 14.72 min Scan# 1980  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

Tgt Ion:154 Resp: 190785  
 Ion Ratio Lower Upper  
 154 100  
 153 112.5 90.2 135.4  
 152 52.3 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

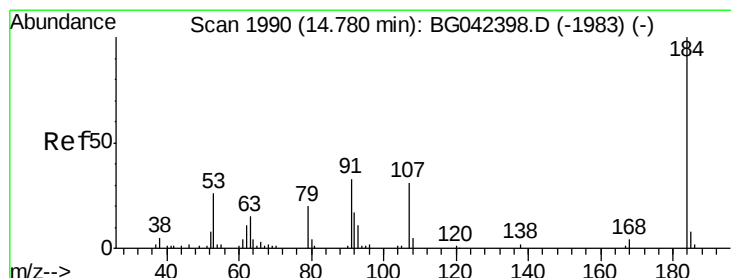
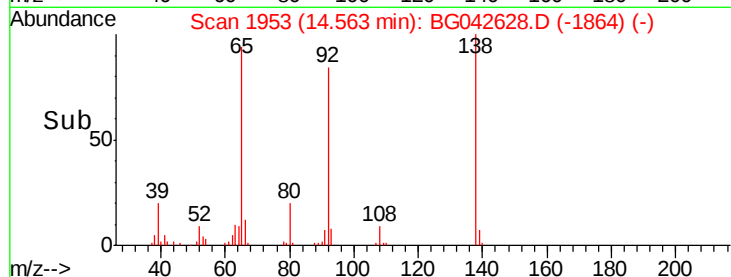
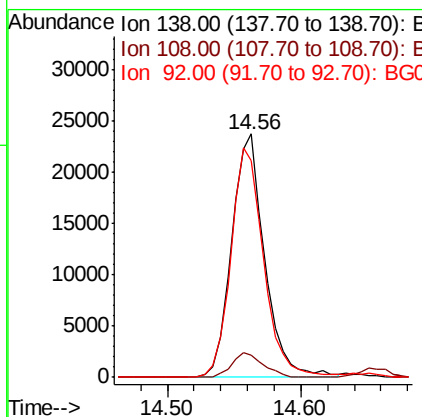
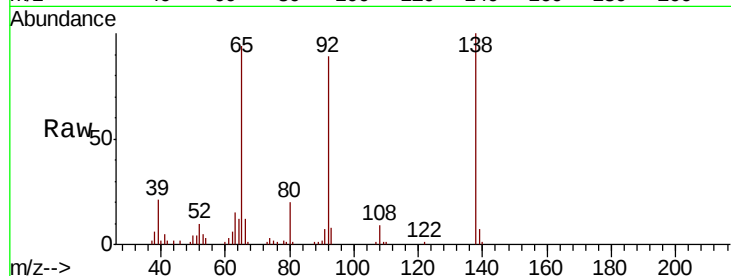




#53  
3-Nitroaniline  
Concen: 27.161 ng  
RT: 14.56 min Scan# 1953  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

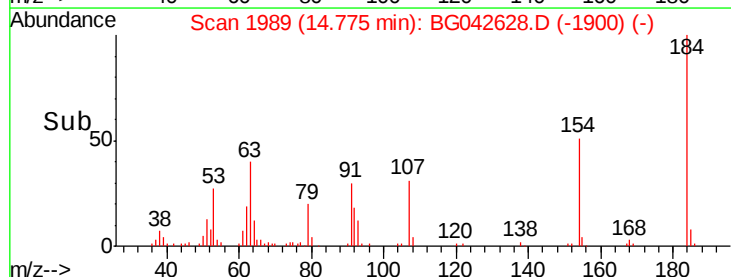
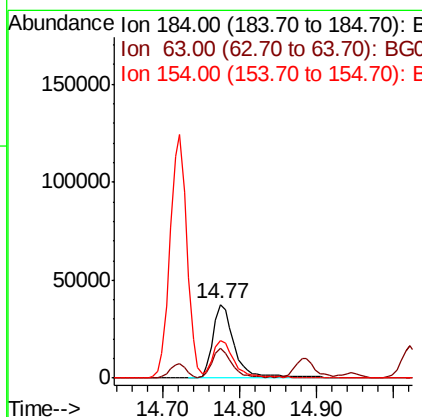
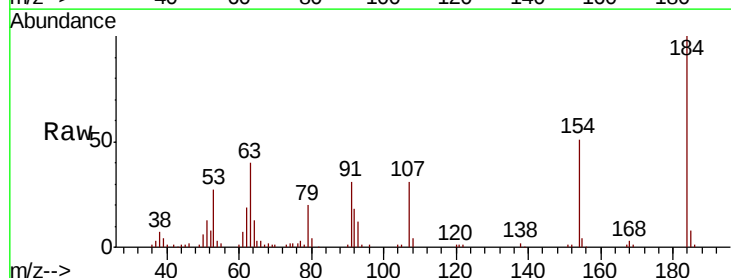
Instrument :  
BNA\_G  
ClientSampleId :

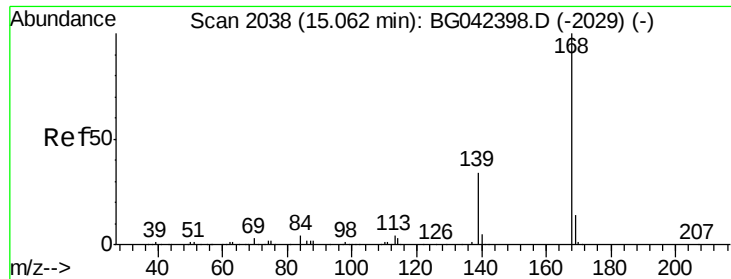
Tot Ion:138 Resp: 40717  
Ion Ratio Lower Upper  
138 100  
108 9.0 8.3 12.5  
92 89.1 78.2 117.4



#54  
2,4-Dinitrophenol  
Concen: 73.228 ng  
RT: 14.77 min Scan# 1989  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion:184 Resp: 73411  
Ion Ratio Lower Upper  
184 100  
63 39.8 31.7 47.5  
154 51.0 42.0 63.0





#55

Dibenzenofuran

Concen: 43.977 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampleId :

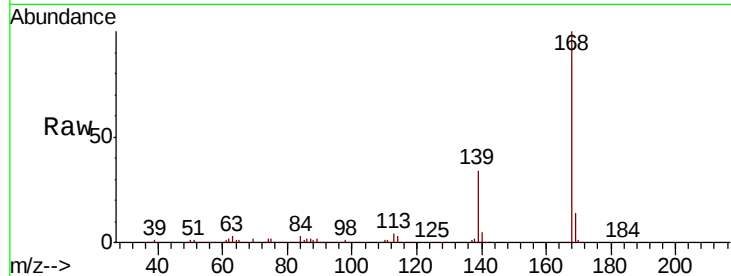
Tot Ion:168 Resp: 332197

Ion Ratio Lower Upper

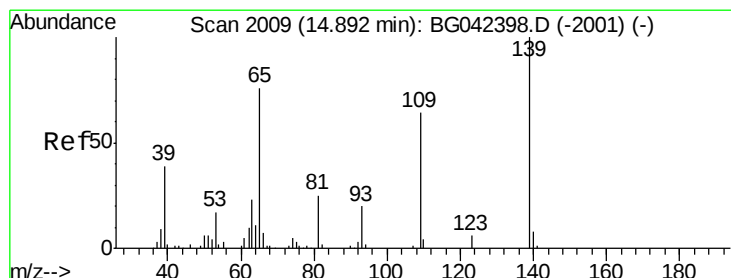
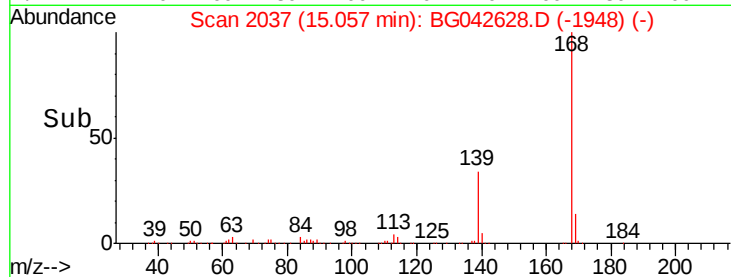
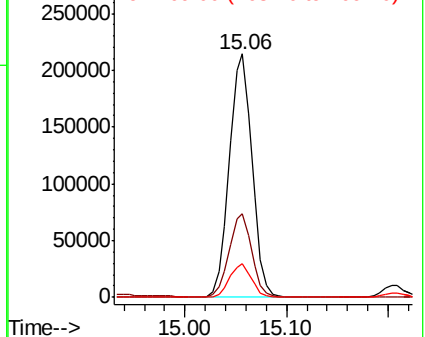
168 100

139 34.3 27.2 40.8

169 13.8 11.5 17.3



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



#56

4-Nitrophenol

Concen: 79.611 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

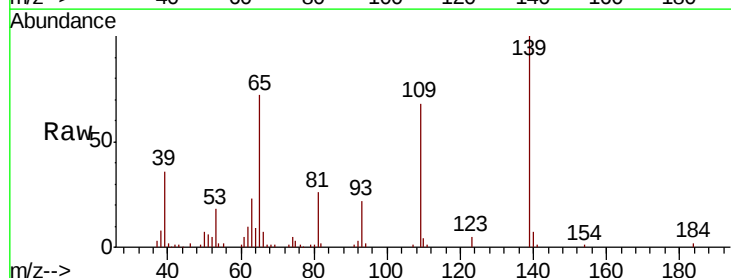
Tgt Ion:139 Resp: 84803

Ion Ratio Lower Upper

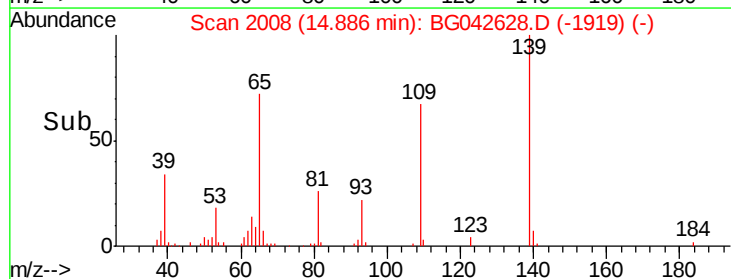
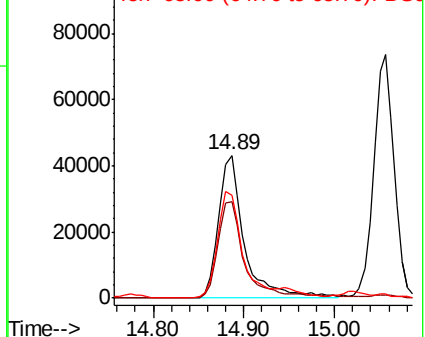
139 100

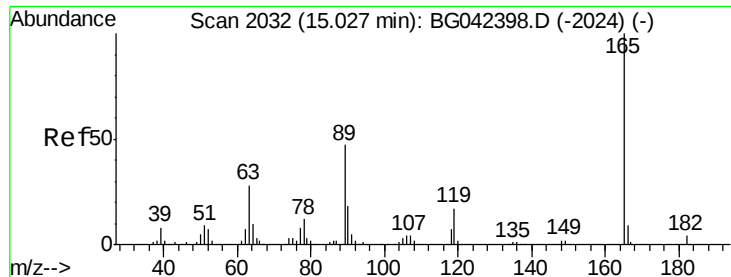
109 67.6 43.9 83.9

65 71.5 56.3 96.3



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

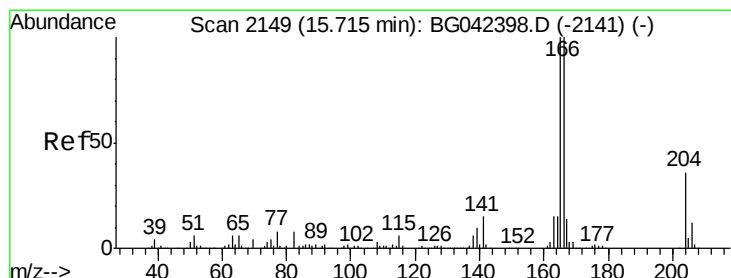
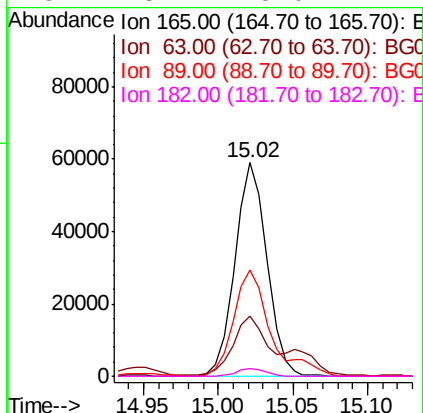
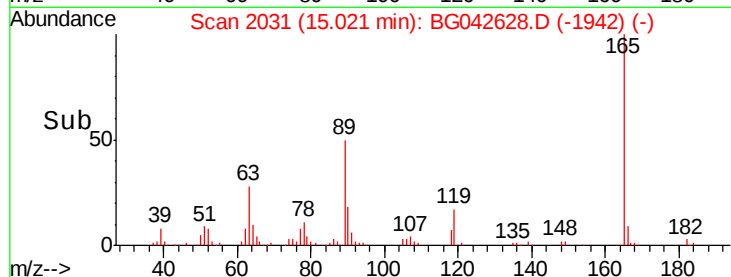
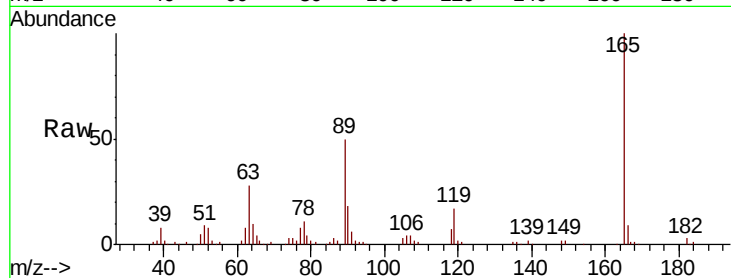




#57  
 2,4-Dinitrotoluene  
 Concen: 40.845 ng  
 RT: 15.02 min Scan# 2031  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

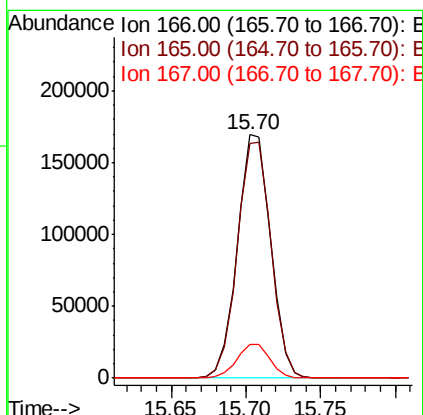
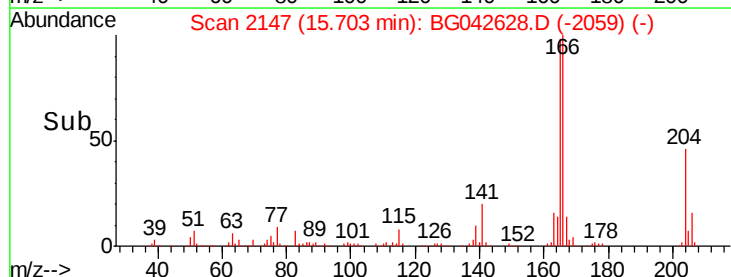
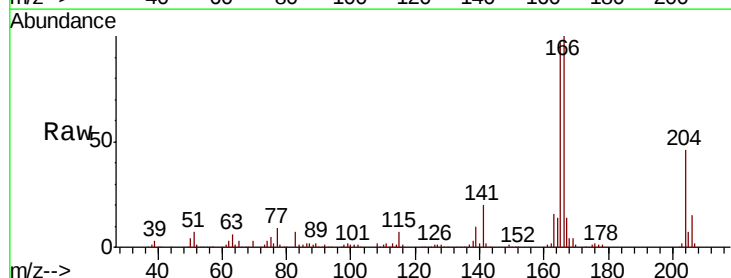
Instrument :  
 BNA\_G  
 ClientSampleId :

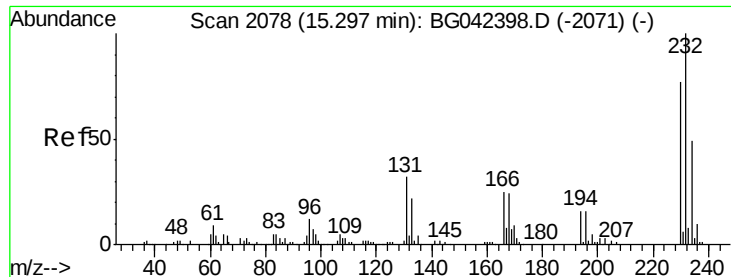
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 87673     |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 28.0  | 22.5 33.7 |
| 89          | 49.8  | 37.8 56.6 |
| 182         | 3.4   | 3.0 4.4   |



#58  
 Fluorene  
 Concen: 42.390 ng  
 RT: 15.70 min Scan# 2147  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 261759     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 96.6  | 79.7 119.5 |
| 167         | 13.9  | 10.9 16.3  |

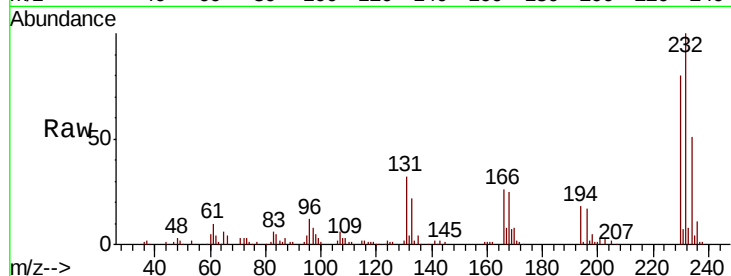




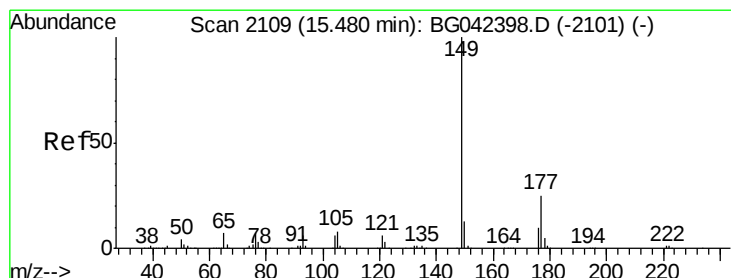
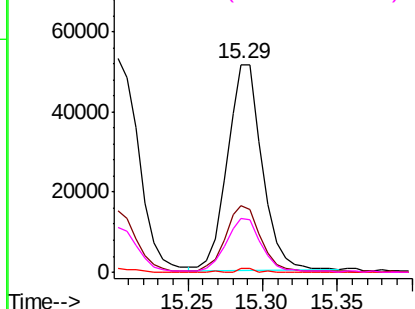
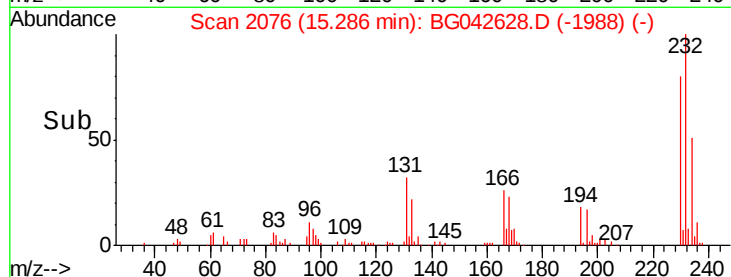
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.139 ng  
RT: 15.29 min Scan# 2076  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:232 Resp: 84014  
Ion Ratio Lower Upper  
232 100  
131 32.5 22.9 34.3  
130 1.0 1.4 2.0#  
166 26.9 17.0 25.4#

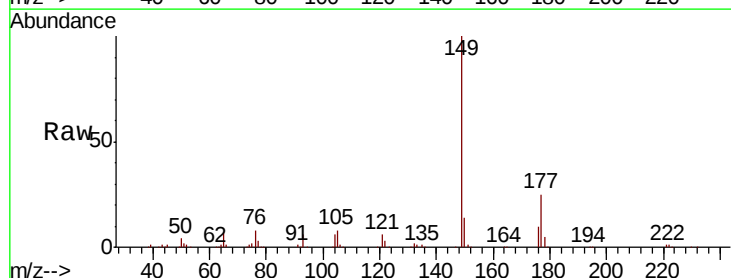


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

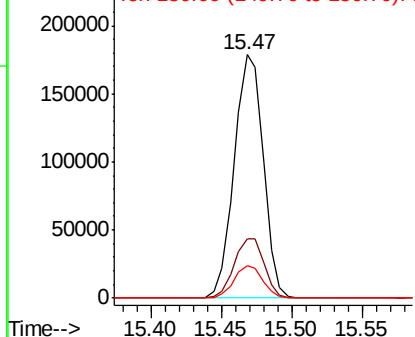
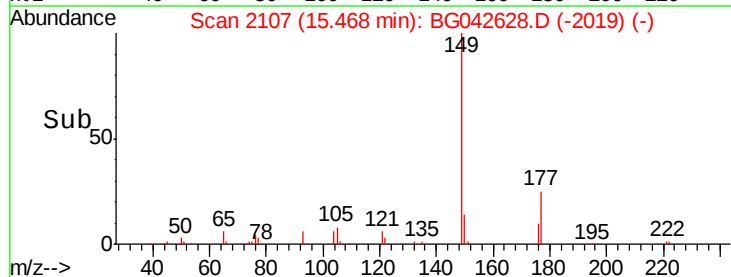


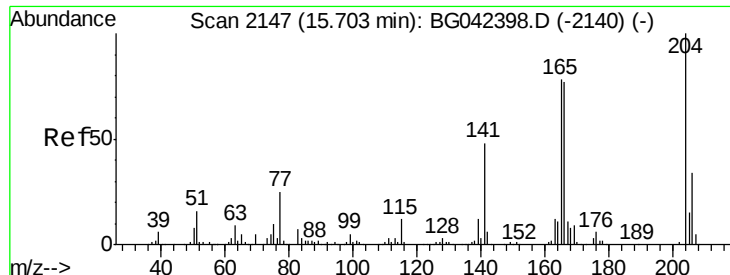
#60  
Diethylphthalate  
Concen: 40.535 ng  
RT: 15.47 min Scan# 2107  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion:149 Resp: 256244  
Ion Ratio Lower Upper  
149 100  
177 24.6 20.4 30.6  
150 13.5 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

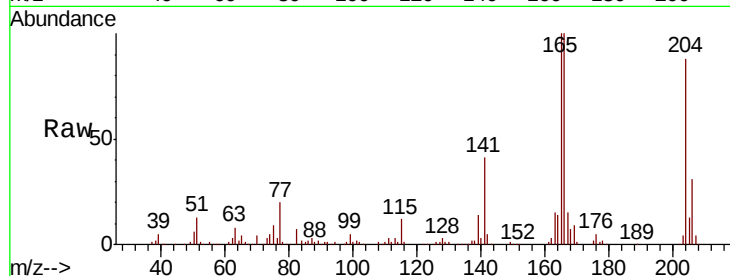




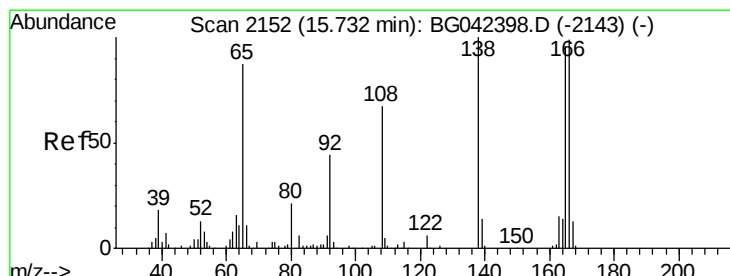
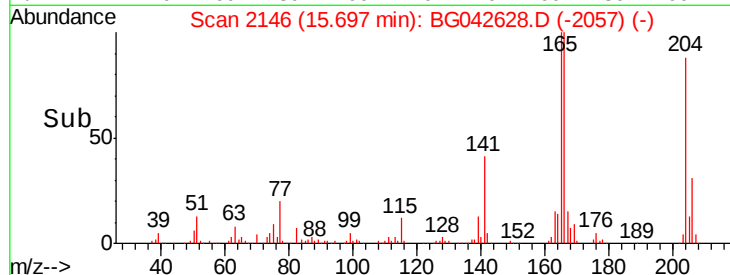
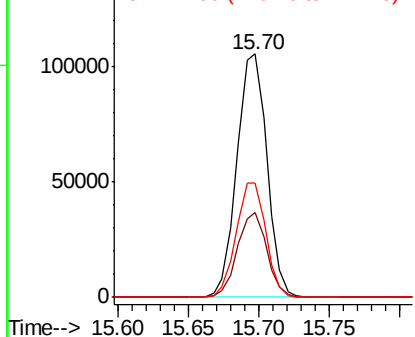
#61  
 4-Chlorophenyl-phenylether  
 Concen: 42.198 ng  
 RT: 15.70 min Scan# 2146  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:204 Resp: 157076  
 Ion Ratio Lower Upper  
 204 100  
 206 34.8 27.2 40.8  
 141 46.9 38.7 58.1

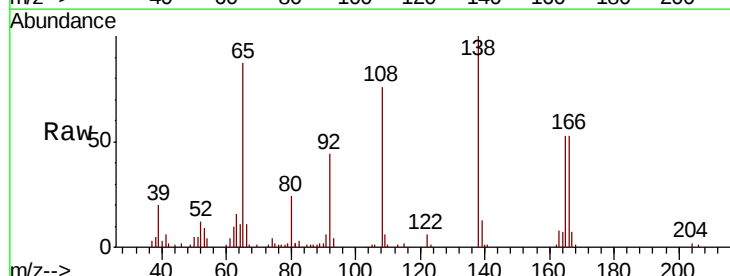


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

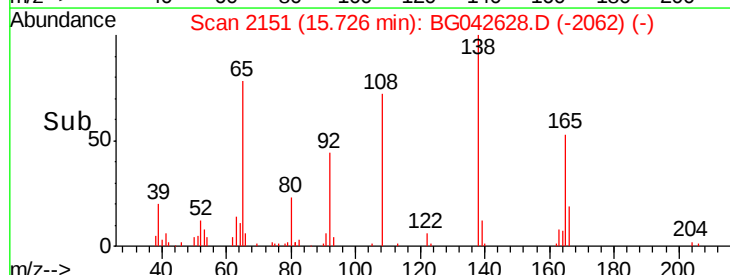
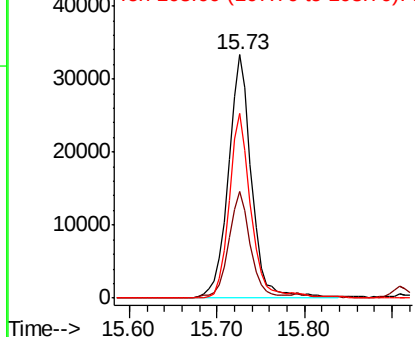


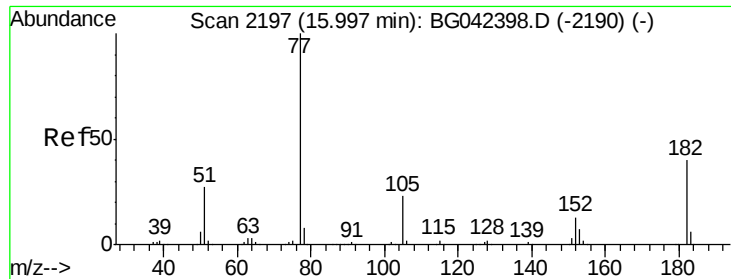
#62  
 4-Nitroaniline  
 Concen: 37.568 ng  
 RT: 15.73 min Scan# 2151  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

Tgt Ion:138 Resp: 60274  
 Ion Ratio Lower Upper  
 138 100  
 92 43.6 24.2 64.2  
 108 75.9 46.8 86.8



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





#63

Azobenzene

Concen: 38.908 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

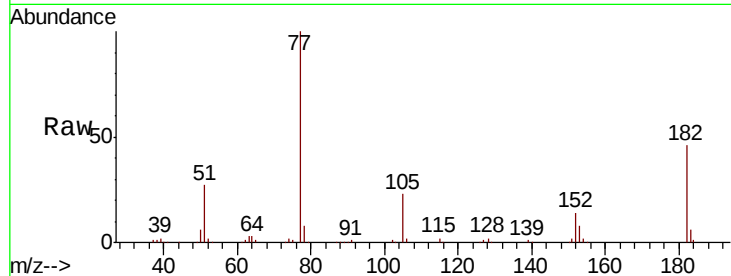
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 168537

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 45.7  | 19.9  | 59.9  |
| 105 | 22.8  | 2.9   | 42.9  |
| 51  | 27.1  | 7.6   | 47.6  |

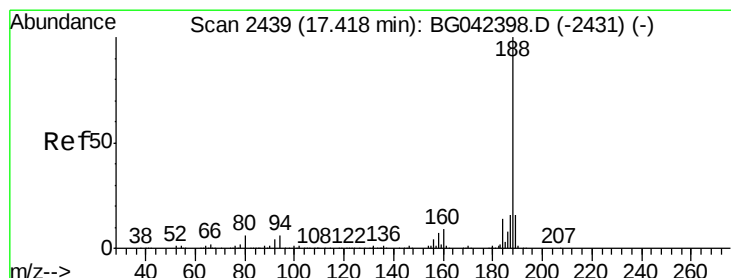
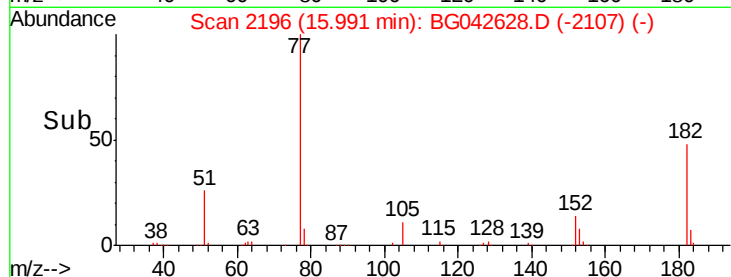


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2437

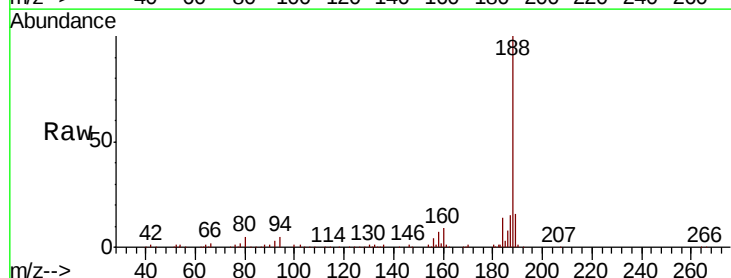
Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Tgt Ion: 188 Resp: 203388

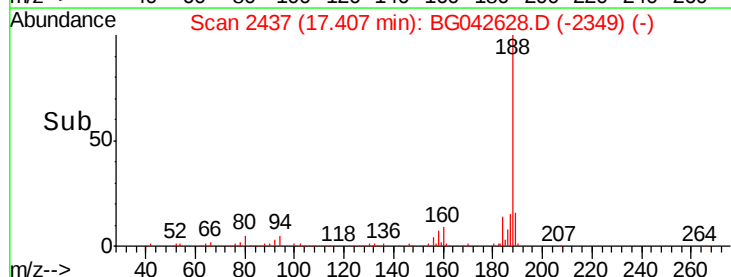
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 5.1   | 4.5   | 6.7   |
| 80  | 5.2   | 4.9   | 7.3   |

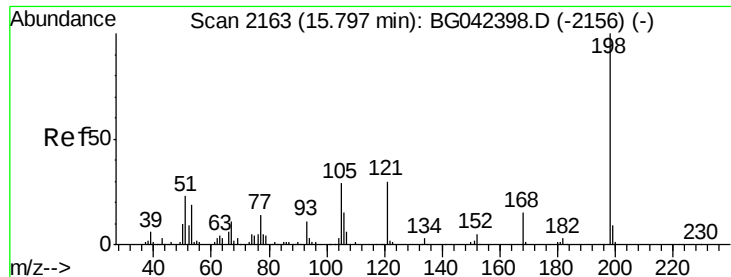


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 44.388 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampleId :

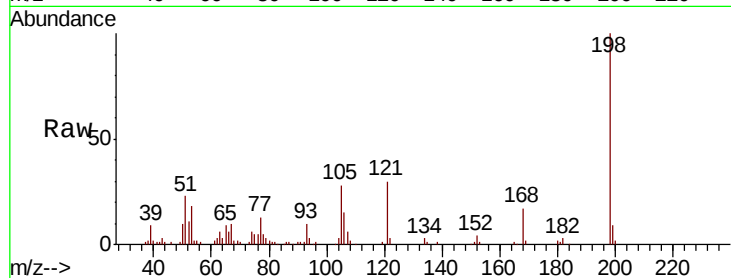
Tot Ion:198 Resp: 56602

Ion Ratio Lower Upper

198 100

51 23.5 4.2 44.2

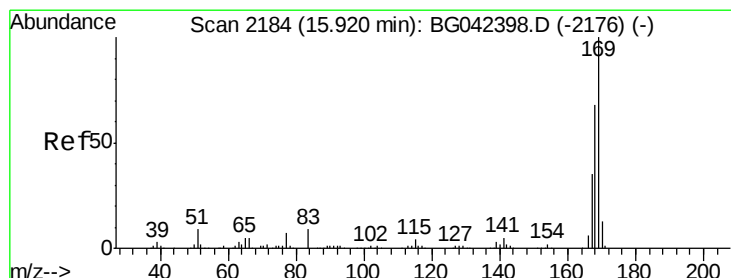
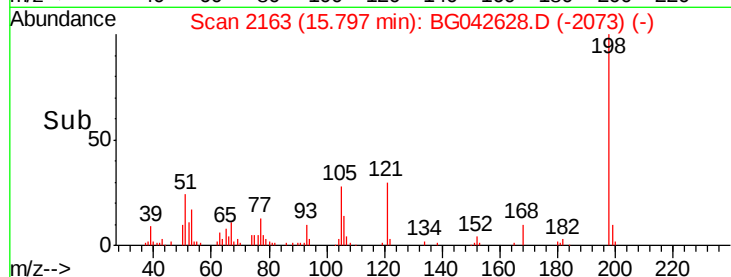
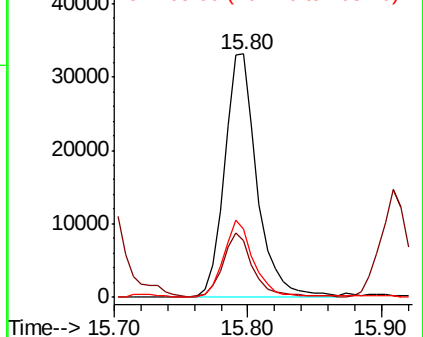
105 27.8 8.8 48.8



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: 43.296 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

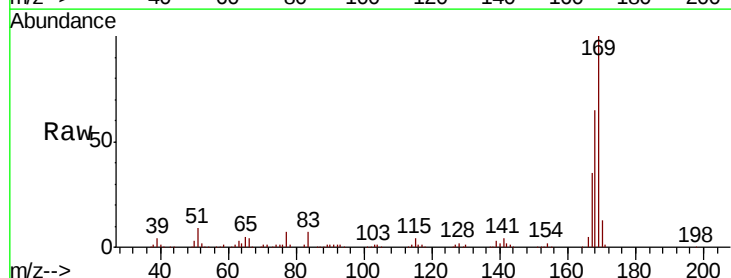
Tgt Ion:169 Resp: 242166

Ion Ratio Lower Upper

169 100

168 64.8 54.3 81.5

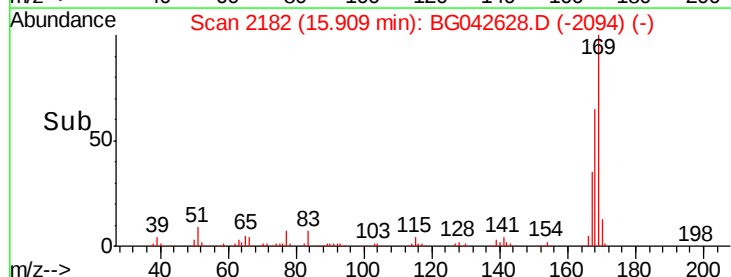
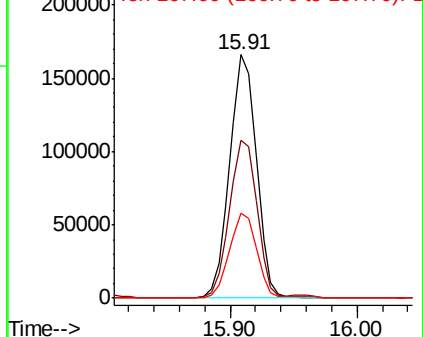
167 35.0 28.2 42.2

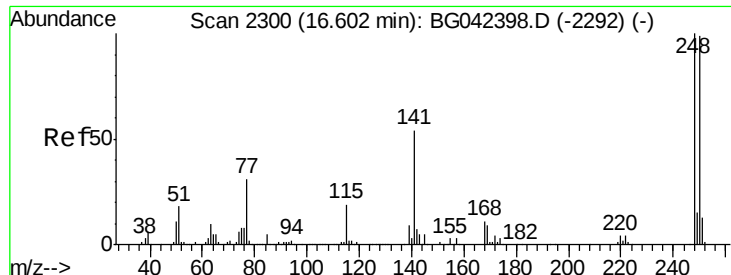


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

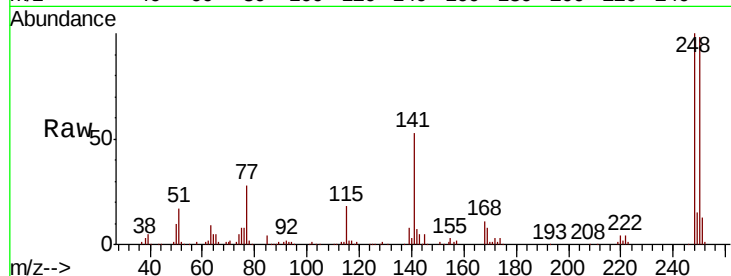




#67  
 4-Bromophenyl-phenylether  
 Concen: 42.505 ng  
 RT: 16.59 min Scan# 2298  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.2  | 78.9  | 118.3 |
| 141     | 53.3  | 43.3  | 64.9  |

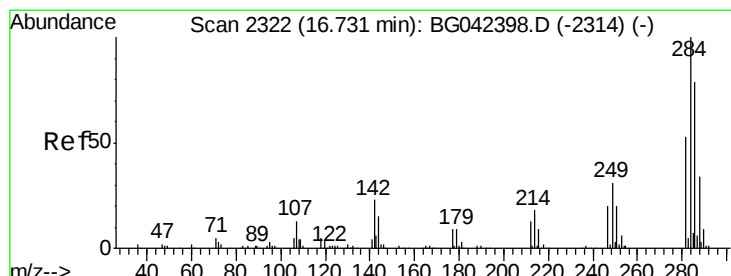
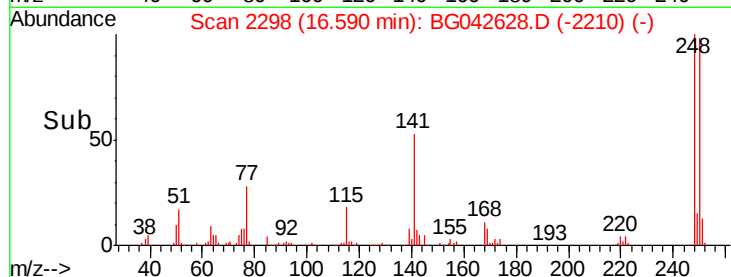
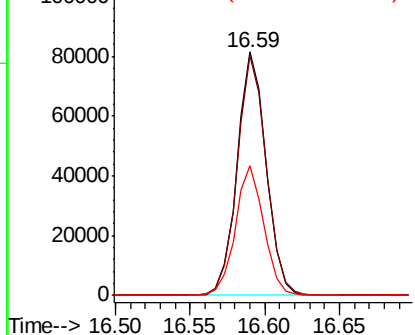


Abundance

Ion 248.00 (247.70 to 248.70): E

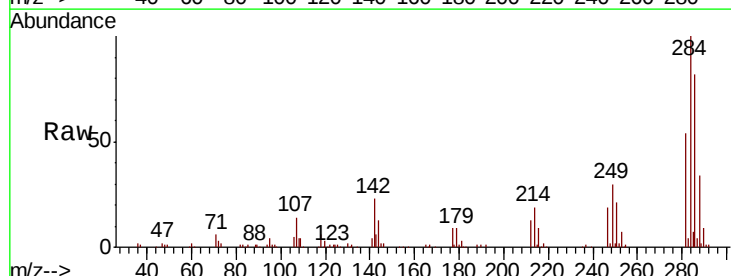
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 41.140 ng  
 RT: 16.72 min Scan# 2320  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 22.6  | 18.2  | 27.4  |
| 249     | 29.8  | 25.0  | 37.4  |

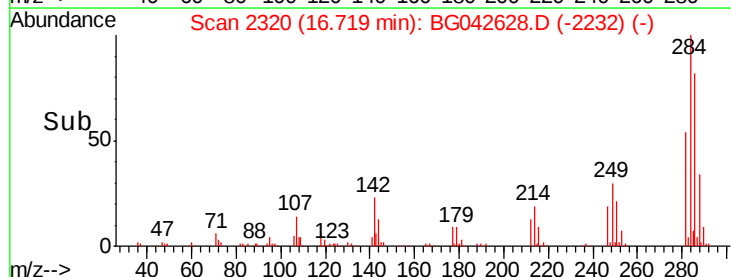
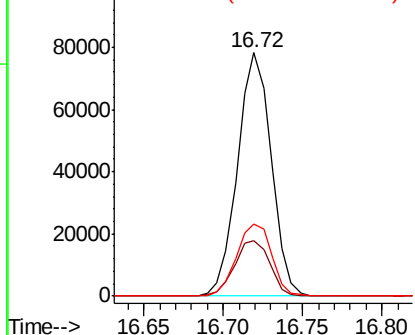


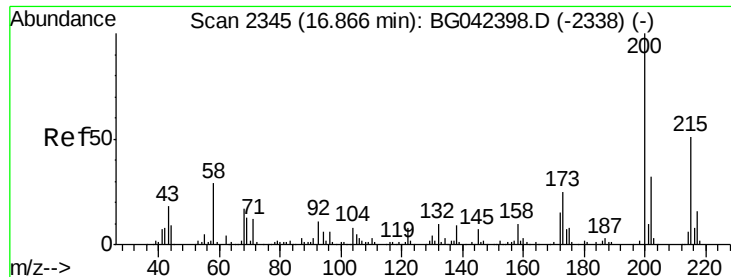
Abundance

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: 45.640 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampleId :

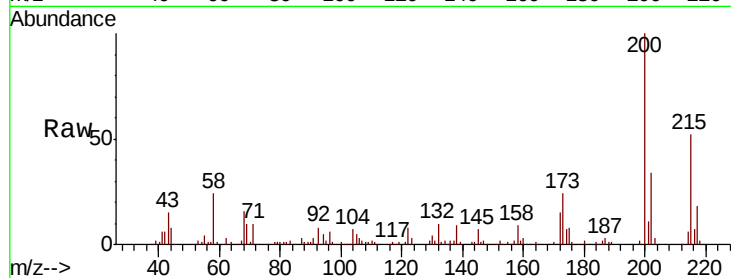
Tot Ion:200 Resp: 90274

Ion Ratio Lower Upper

200 100

173 24.0 4.9 44.9

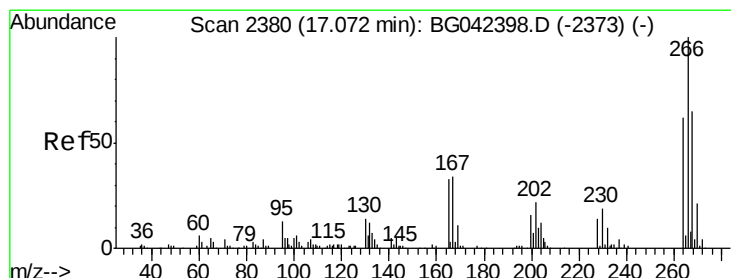
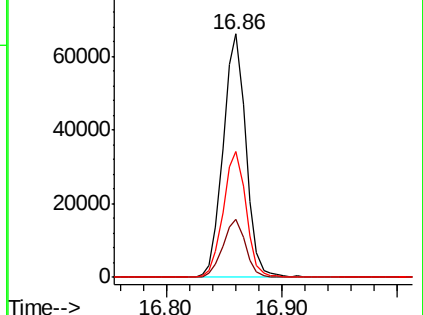
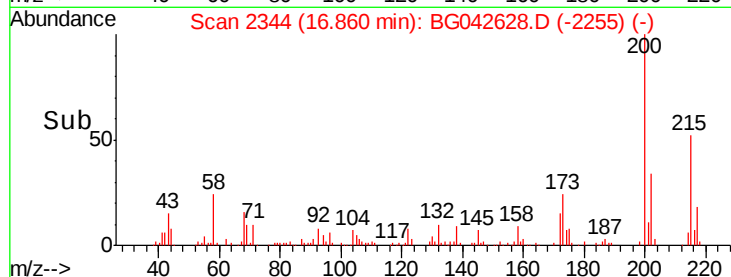
215 51.7 30.7 70.7



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: 87.664 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

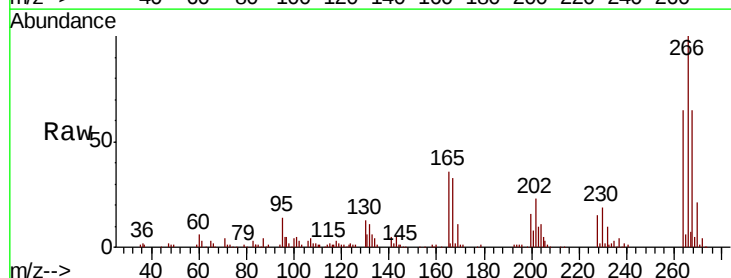
Tgt Ion:266 Resp: 127741

Ion Ratio Lower Upper

266 100

268 64.9 52.1 78.1

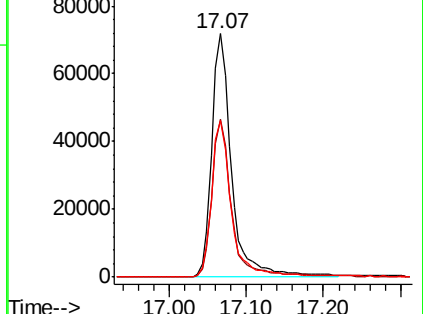
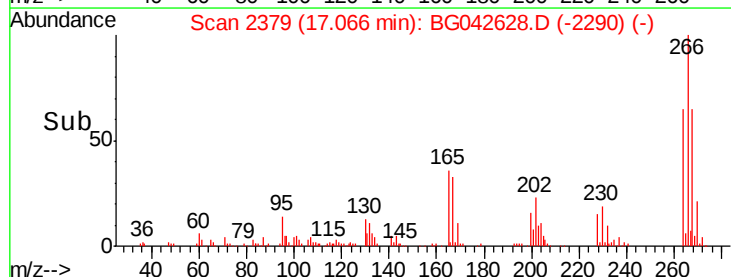
264 64.6 49.4 74.2

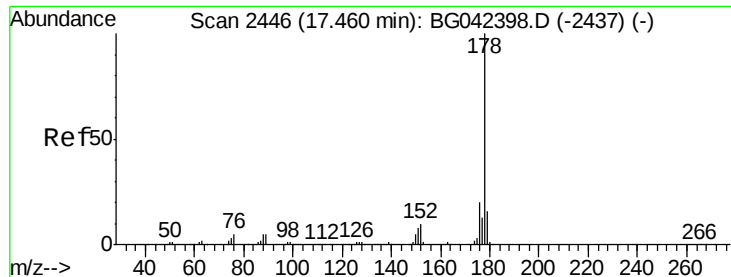


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

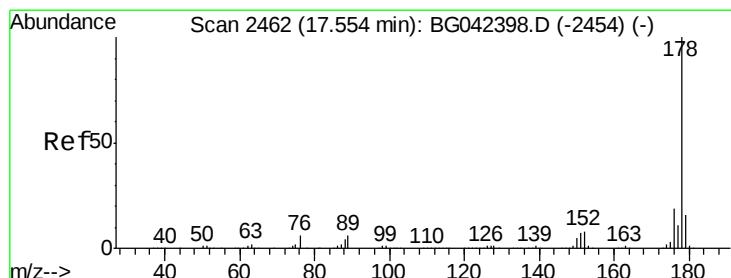
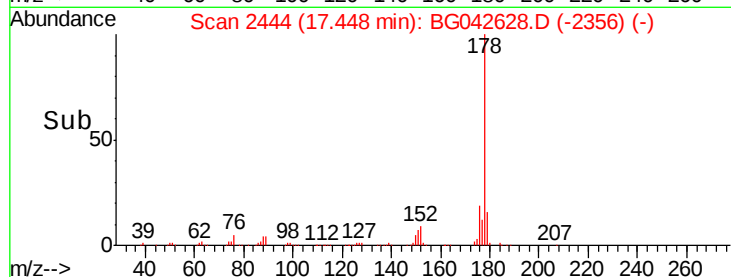
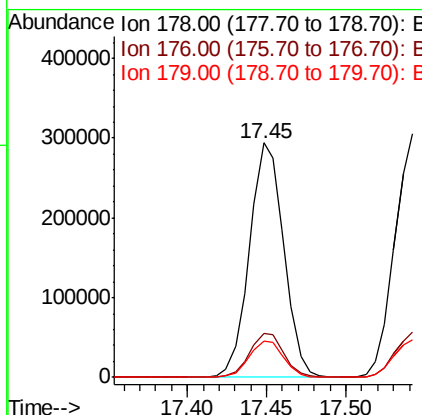
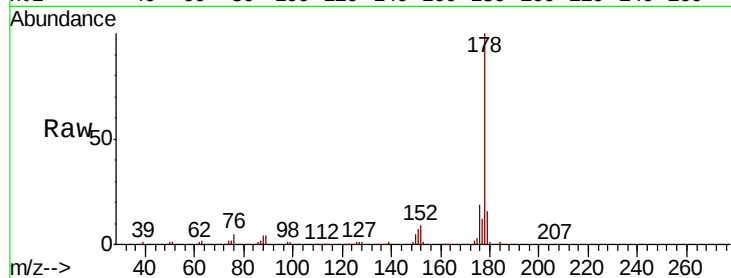




#71  
Phenanthrene  
Concen: 43.695 ng  
RT: 17.45 min Scan# 2444  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

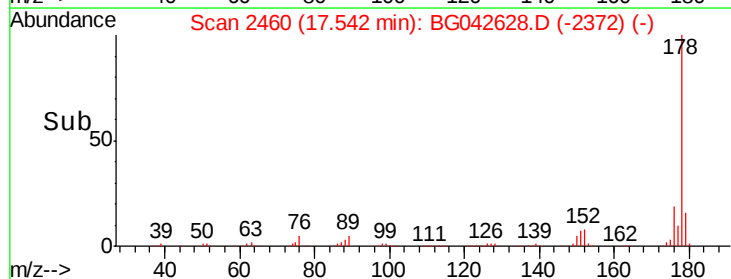
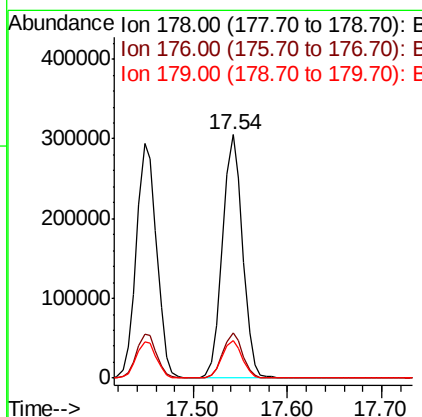
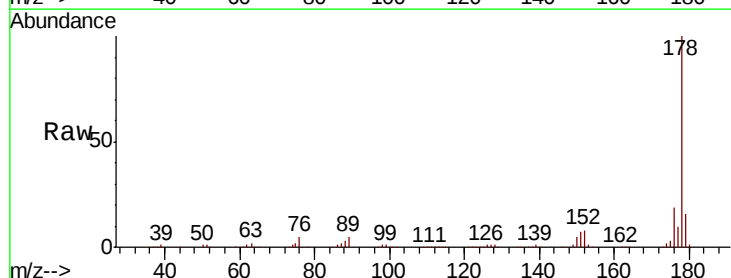
Instrument :  
BNA\_G  
ClientSampleId :

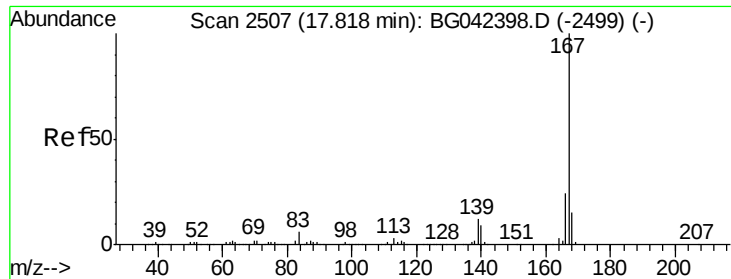
Tot Ion:178 Resp: 441439  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.9 23.9  
179 15.7 12.7 19.1



#72  
Anthracene  
Concen: 45.230 ng  
RT: 17.54 min Scan# 2460  
Delta R.T. -0.01 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion:178 Resp: 456163  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.5 23.3  
179 15.7 12.9 19.3

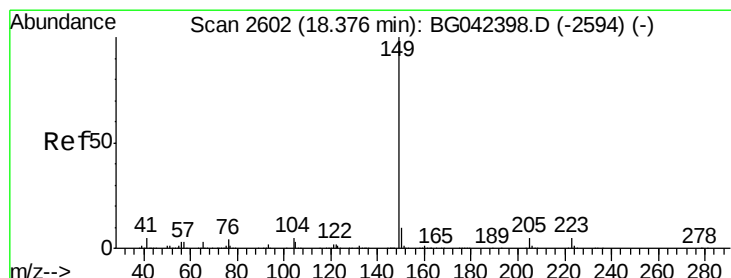
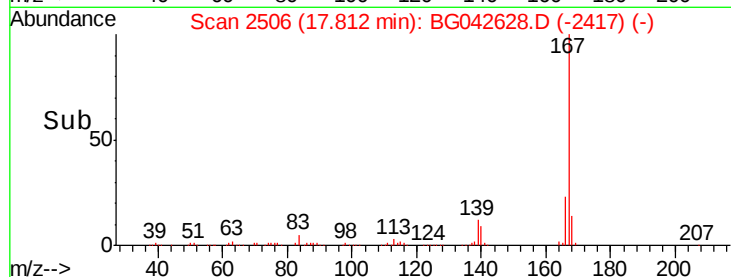
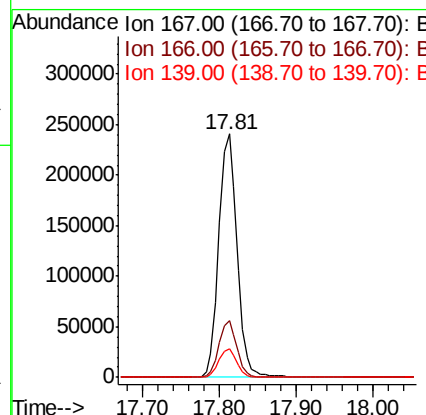
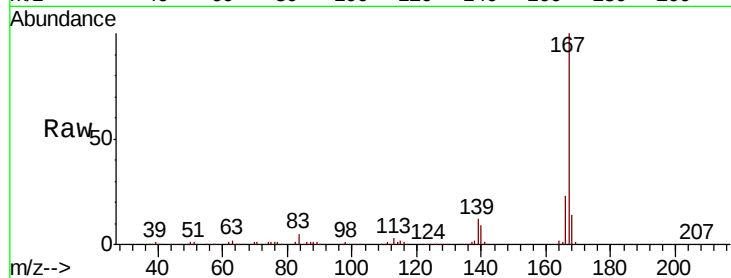




#73  
 Carbazole  
 Concen: 43.667 ng  
 RT: 17.81 min Scan# 2506  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

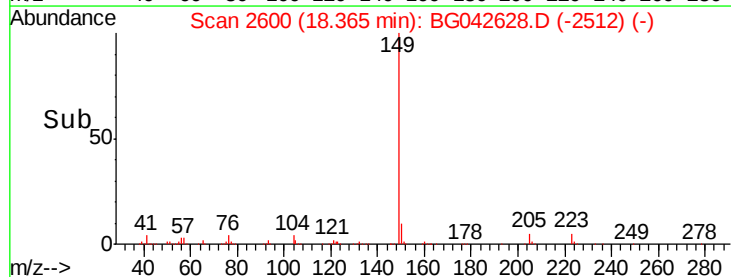
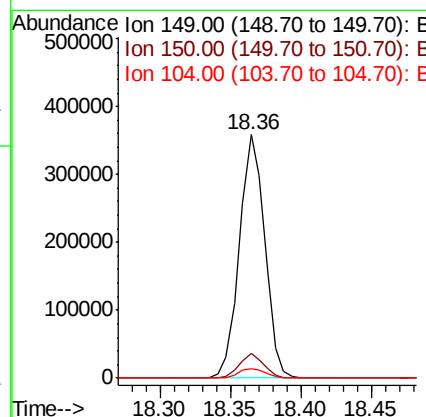
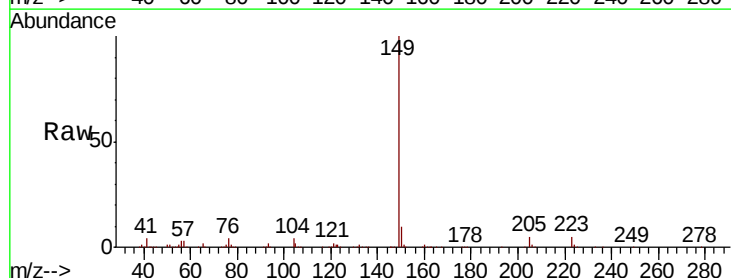
Instrument :  
 BNA\_G  
 ClientSampleId :

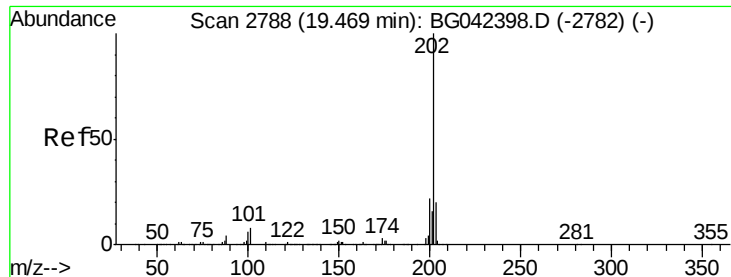
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.2  | 18.9  | 28.3  |
| 139     | 11.7  | 9.8   | 14.6  |



#74  
 Di-n-butylphthalate  
 Concen: 42.394 ng  
 RT: 18.36 min Scan# 2600  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.9   | 8.1   | 12.1  |
| 104     | 4.1   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 48.452 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042628.D

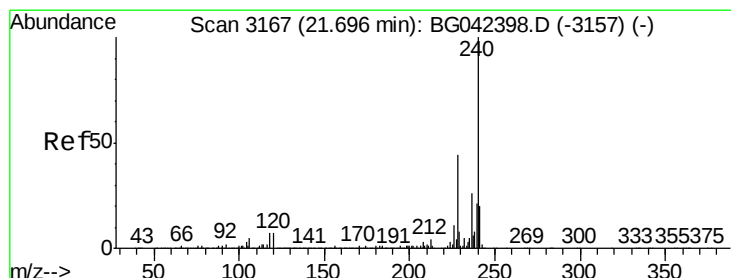
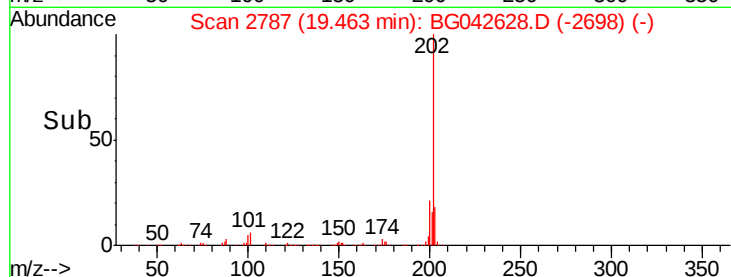
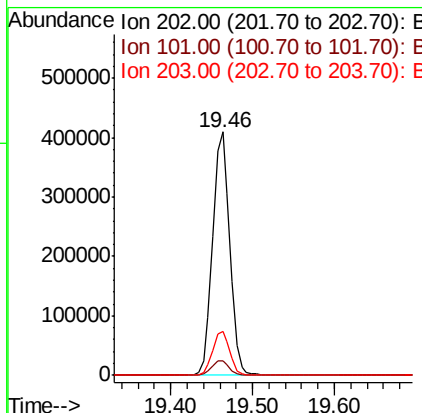
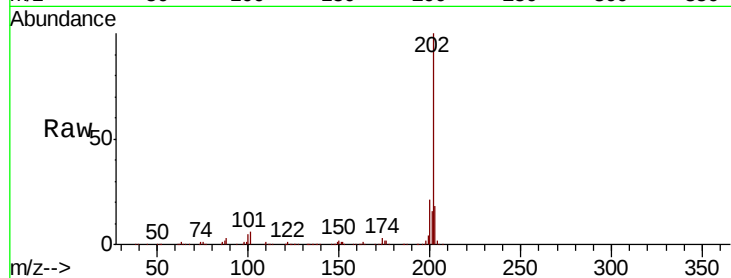
Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 202   | Resp: | 597390 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 6.2   | 0.0   | 28.3   |
| 203      | 18.2  | 0.0   | 39.6   |



#76

Chrysene-d12

Concen: 20.000 ng

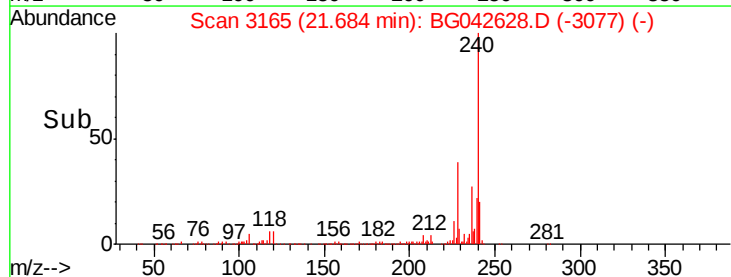
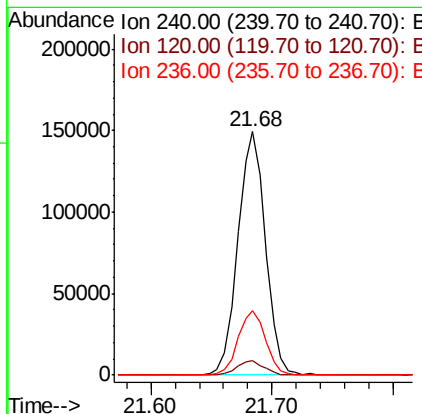
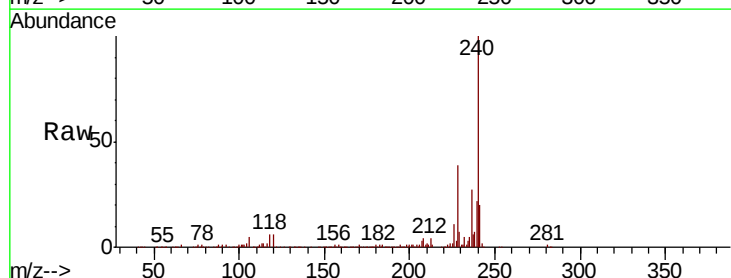
RT: 21.68 min Scan# 3165

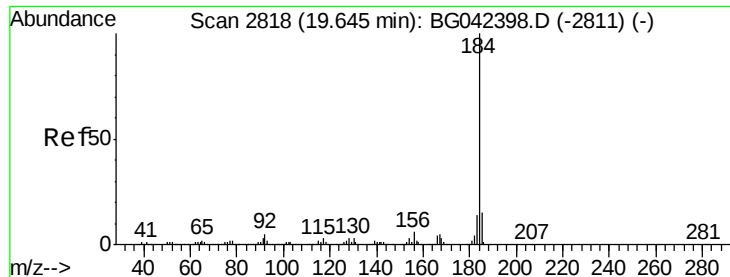
Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 237093 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 6.1   | 5.7   | 8.5    |
| 236      | 26.6  | 21.0  | 31.4   |





#77

Benzidine

Concen: 43.984 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampleId :

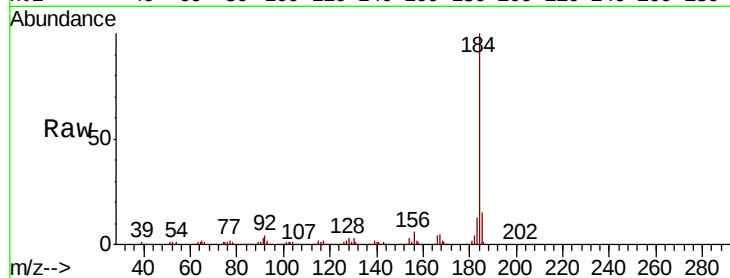
Tot Ion:184 Resp: 298985

Ion Ratio Lower Upper

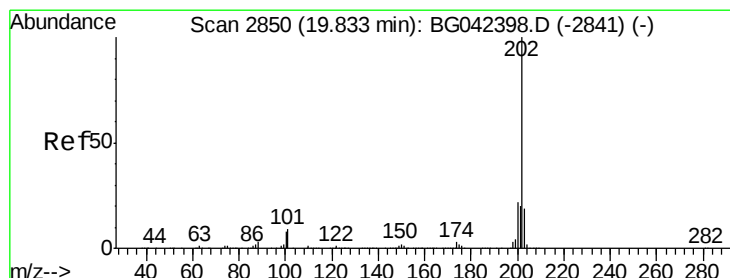
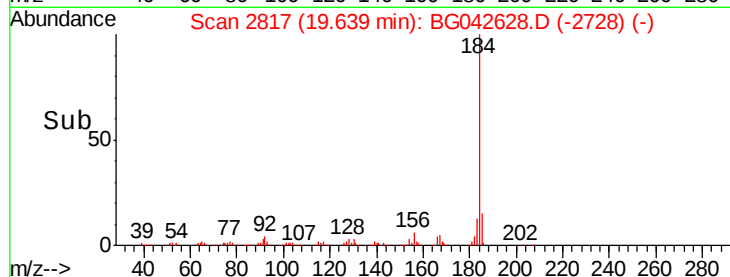
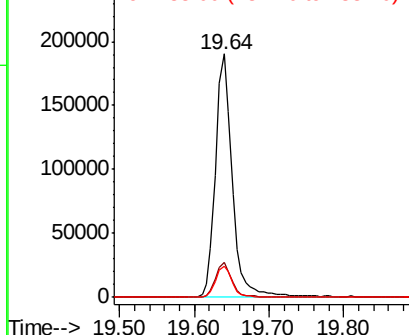
184 100

185 14.6 12.2 18.4

183 12.8 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: 41.693 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

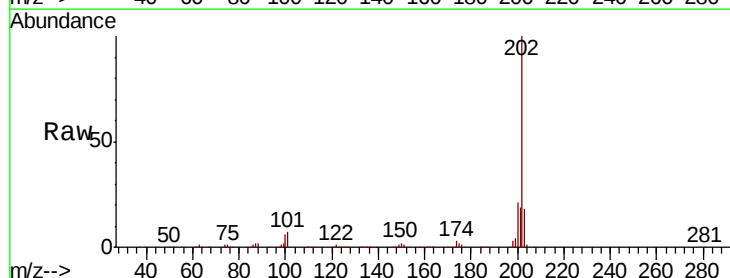
Tgt Ion:202 Resp: 606054

Ion Ratio Lower Upper

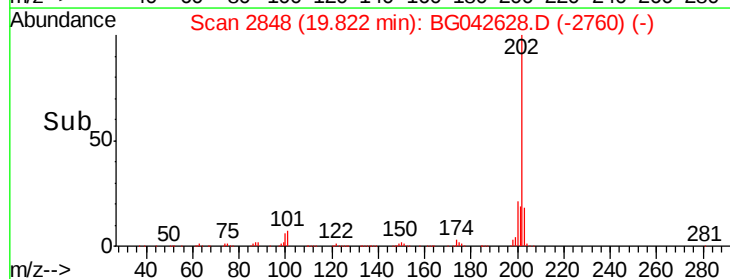
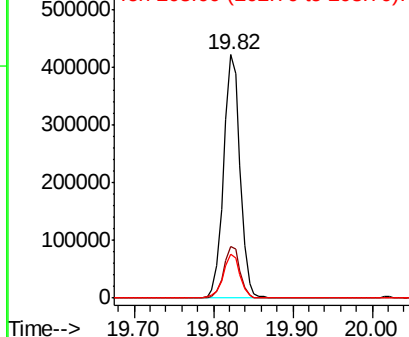
202 100

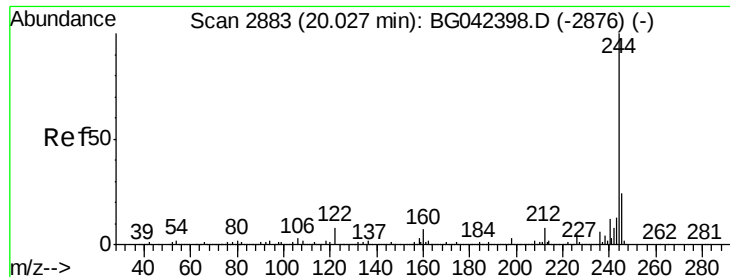
200 21.2 17.8 26.6

203 18.3 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: 70.167 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampleId :

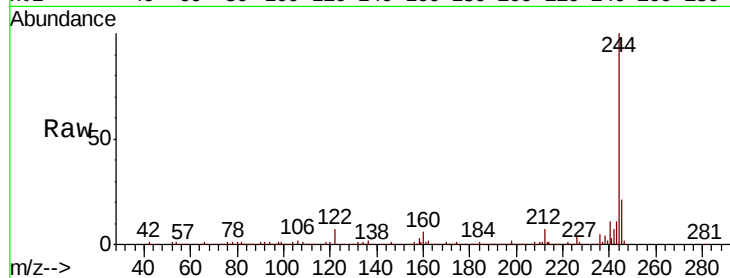
Tot Ion:244 Resp: 769511

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

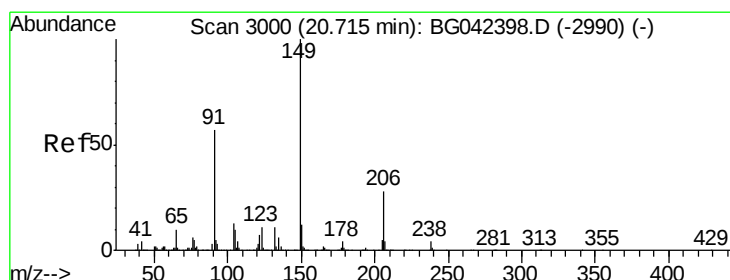
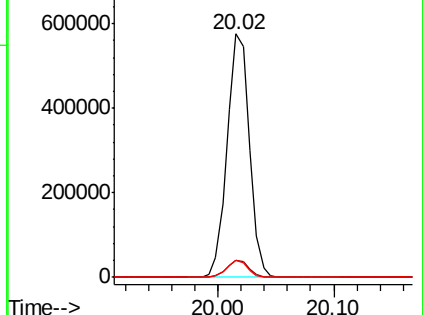
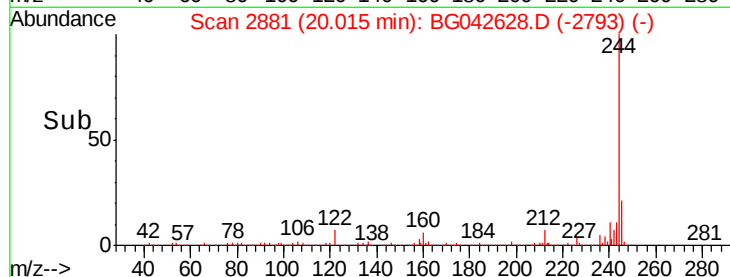
122 6.8 6.7 10.1



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: 39.805 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

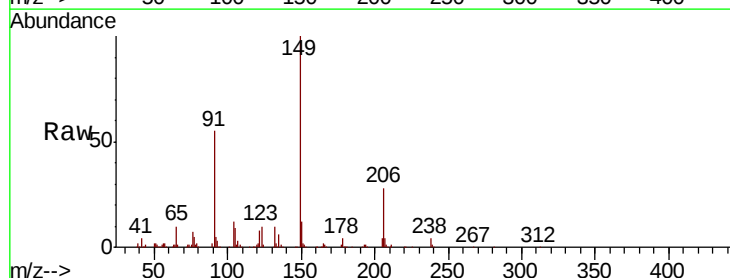
Tgt Ion:149 Resp: 227579

Ion Ratio Lower Upper

149 100

91 54.8 45.9 68.9

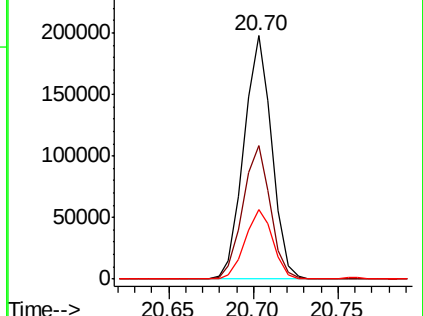
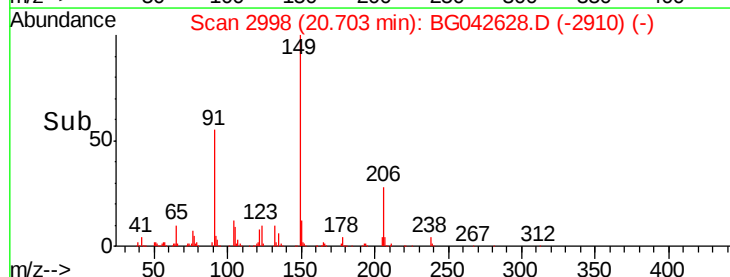
206 28.5 22.5 33.7

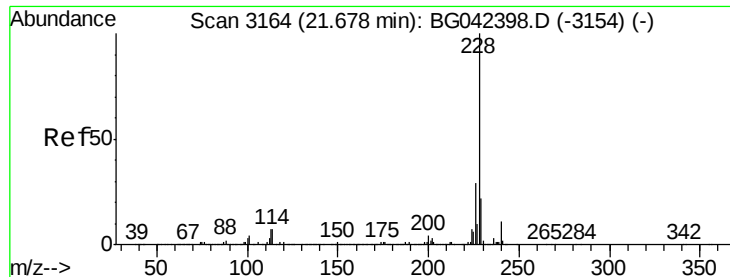


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.231 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

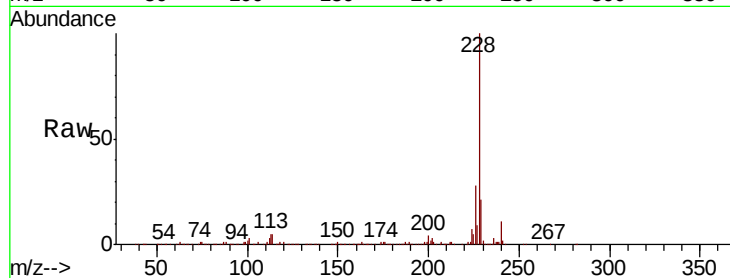
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 623514

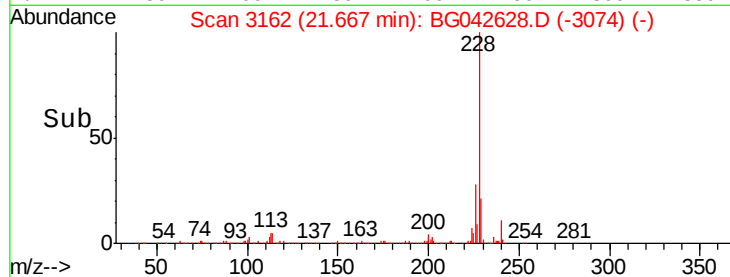
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.0  | 23.4  | 35.2  |
| 229 | 21.0  | 17.4  | 26.2  |



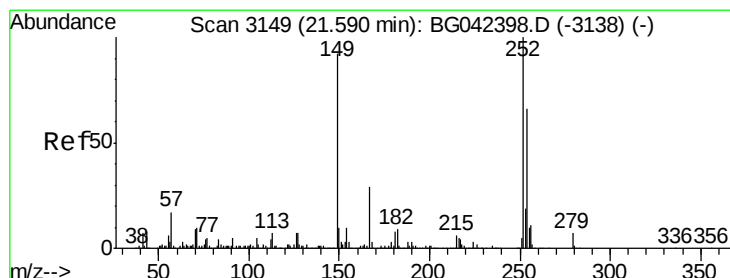
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 33.296 ng

RT: 21.57 min Scan# 3146

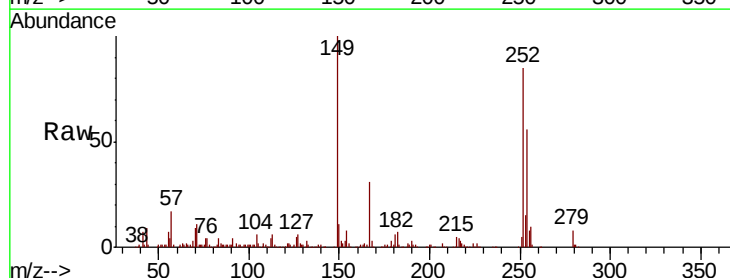
Delta R.T. -0.02 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Tgt Ion:252 Resp: 193139

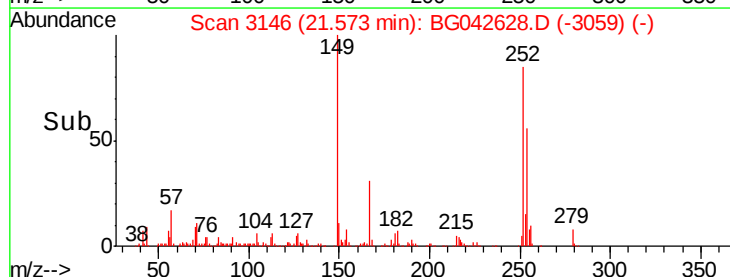
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 66.3  | 53.0  | 79.4  |
| 126 | 6.4   | 5.7   | 8.5   |



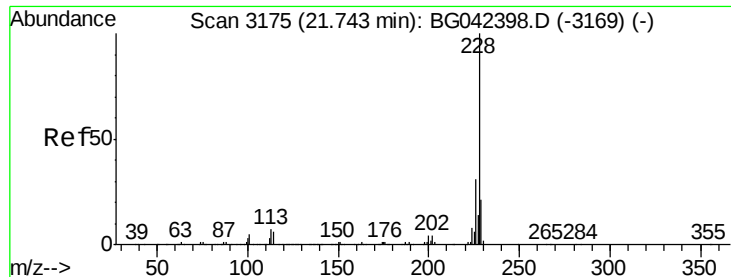
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



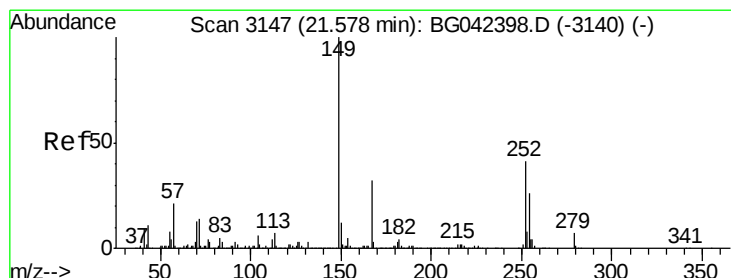
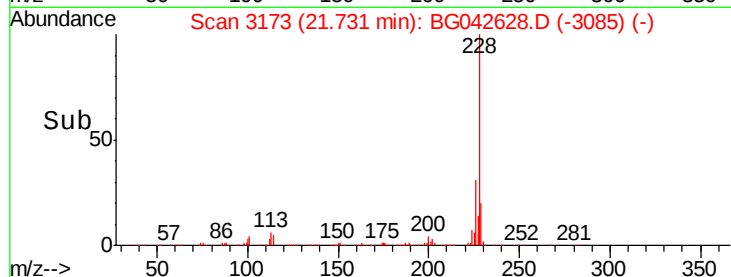
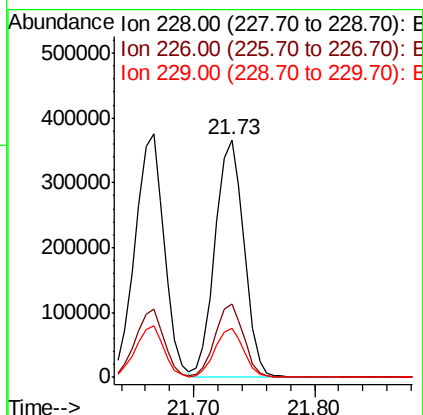
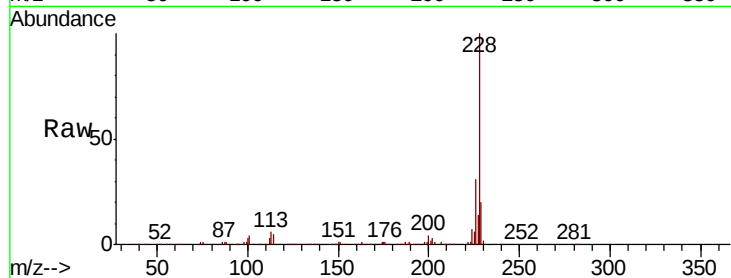
Time-->



#83  
 Chrysene  
 Concen: 43.406 ng  
 RT: 21.73 min Scan# 3173  
 Delta R.T. -0.01 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

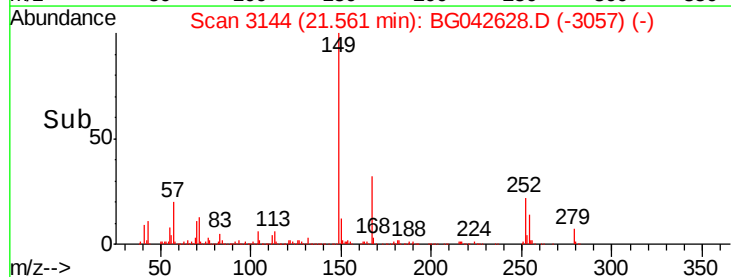
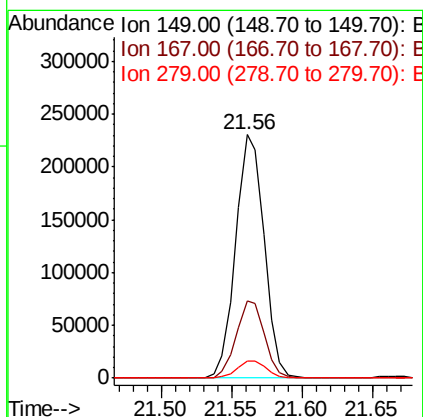
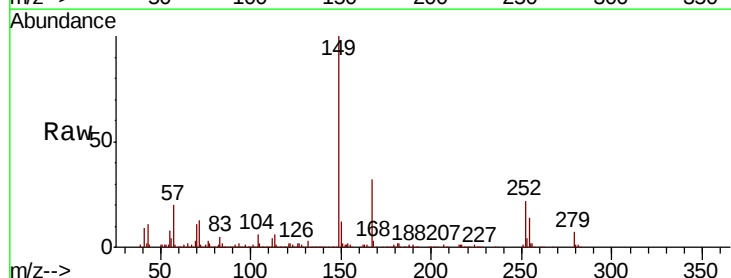
Instrument :  
 BNA\_G  
 ClientSampleId :

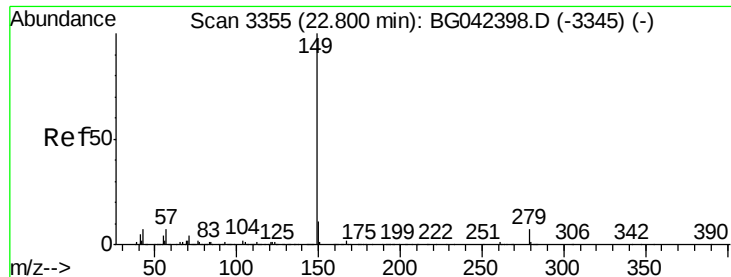
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.7  | 24.9  | 37.3  |
| 229     | 20.4  | 16.9  | 25.3  |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.731 ng  
 RT: 21.56 min Scan# 3144  
 Delta R.T. -0.02 min  
 Lab File: BG042628.D  
 Acq: 31 Aug 2019 10:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 31.9  | 26.0  | 39.0  |
| 279     | 7.0   | 5.4   | 8.0   |

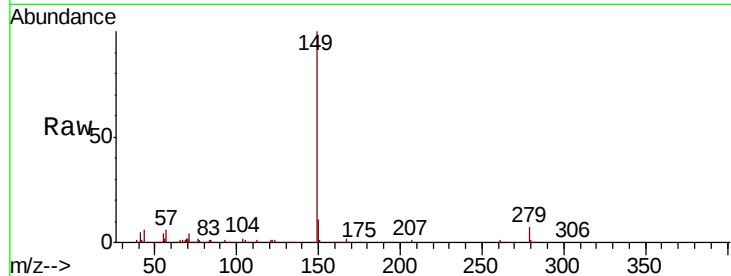




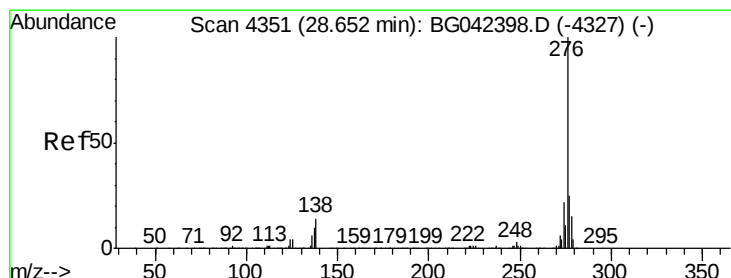
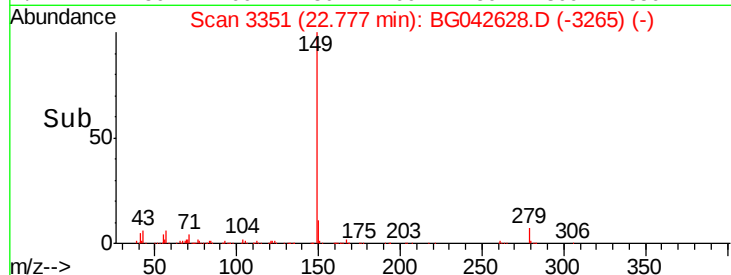
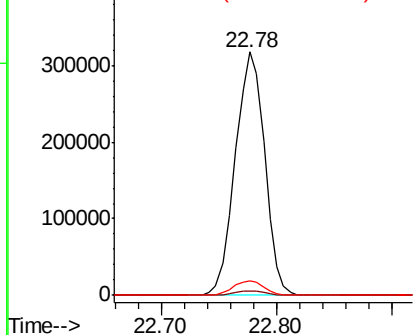
#85  
Di-n-octyl phthalate  
Concen: 41.092 ng  
RT: 22.78 min Scan# 3351  
Delta R.T. -0.02 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:149 Resp: 561036  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.6 2.4  
43 6.3 5.3 7.9

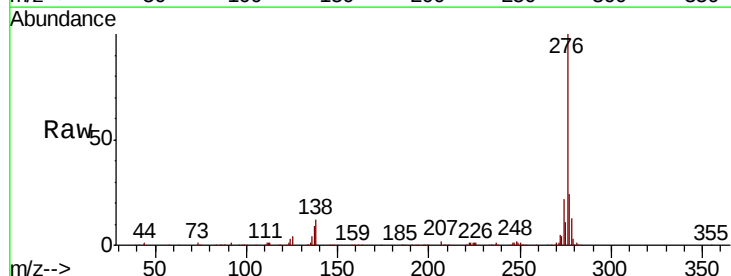


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

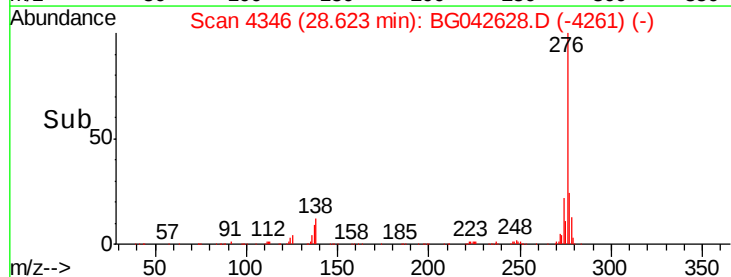
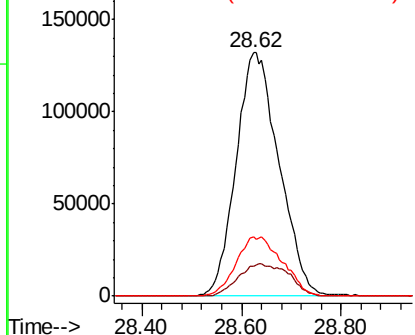


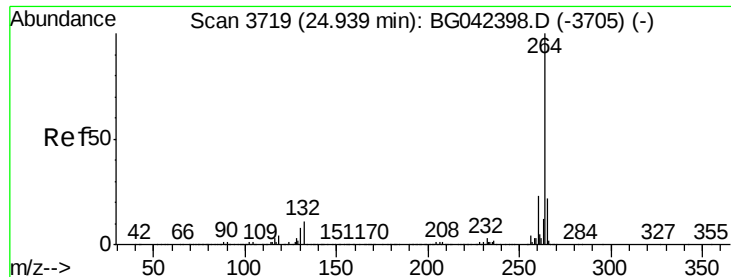
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 41.874 ng  
RT: 28.62 min Scan# 4346  
Delta R.T. -0.03 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion:276 Resp: 791530  
Ion Ratio Lower Upper  
276 100  
138 15.5 9.2 13.8#  
277 26.2 21.0 31.6



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

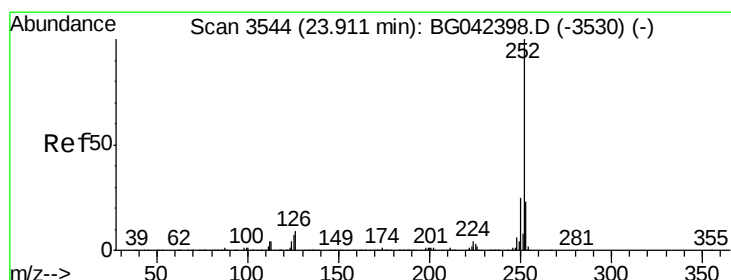
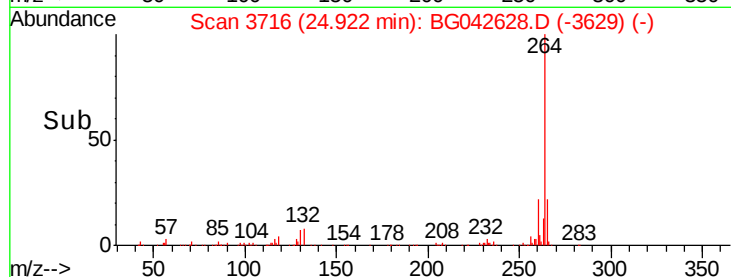
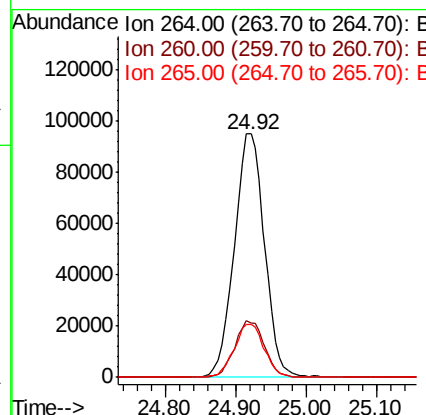
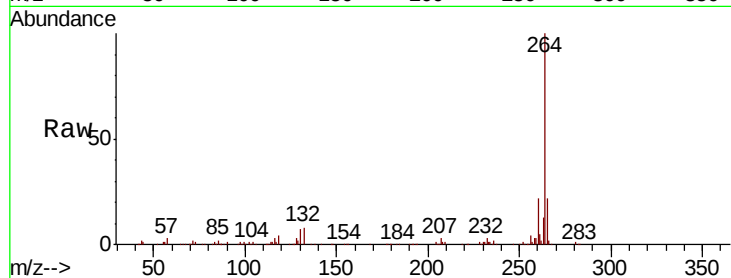




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.92 min Scan# 3716  
Delta R.T. -0.02 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

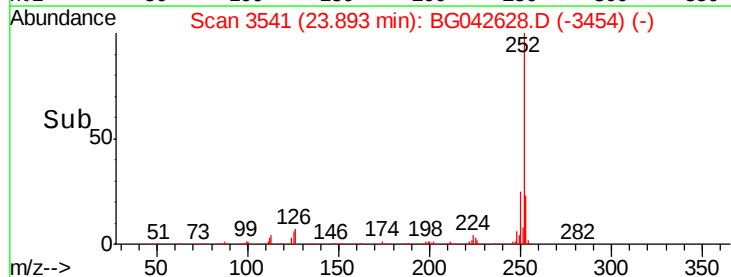
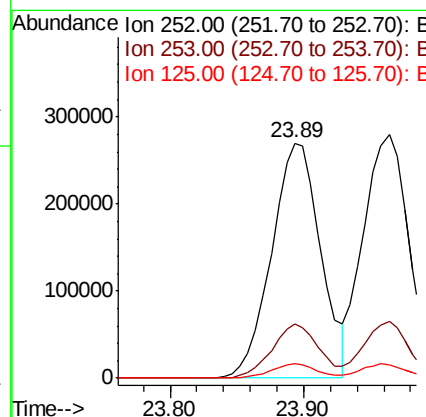
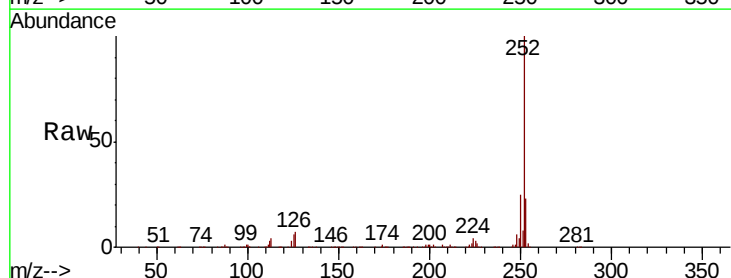
Instrument :  
BNA\_G  
ClientSampleId :

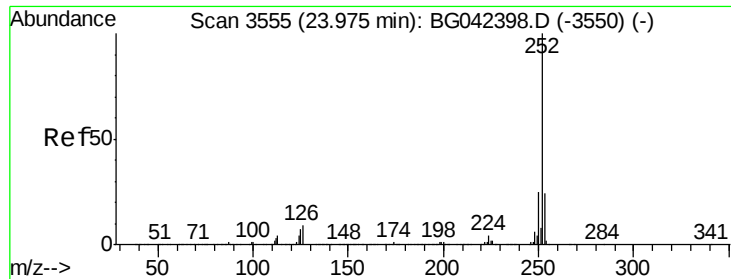
Tot Ion:264 Resp: 282344  
Ion Ratio Lower Upper  
264 100  
260 22.5 18.5 27.7  
265 21.7 17.6 26.4



#88  
Benzo(b)fluoranthene  
Concen: 44.352 ng  
RT: 23.89 min Scan# 3541  
Delta R.T. -0.02 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion:252 Resp: 688444  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.6 27.8  
125 6.0 5.6 8.4

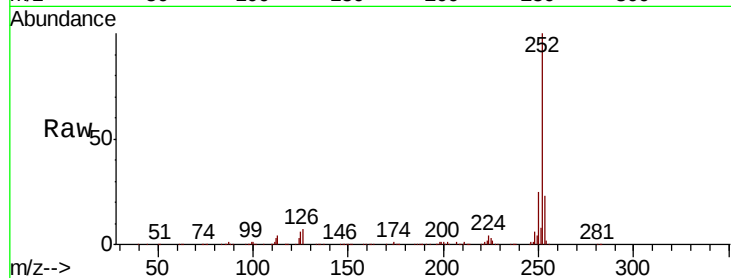




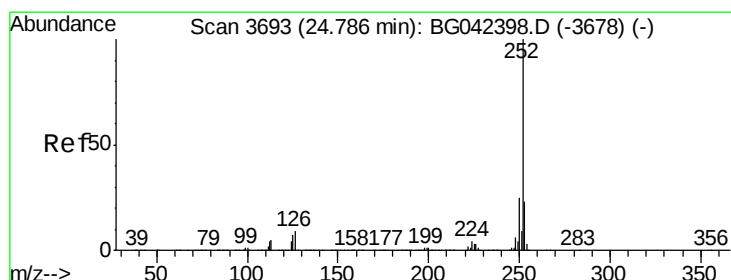
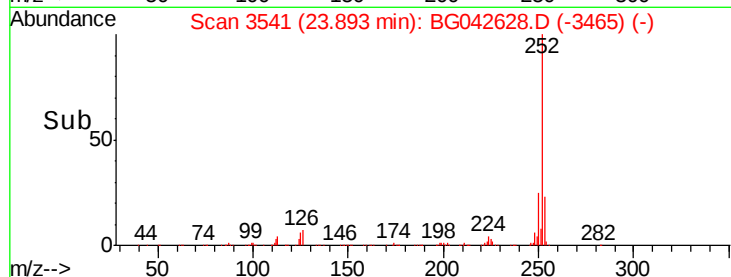
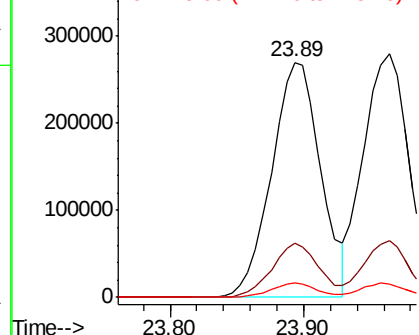
#89  
Benzo(k)fluoranthene  
Concen: 46.142 ng  
RT: 23.89 min Scan# 3541  
Delta R.T. -0.08 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:252 Resp: 688444  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.6 27.8  
125 6.0 5.8 8.6

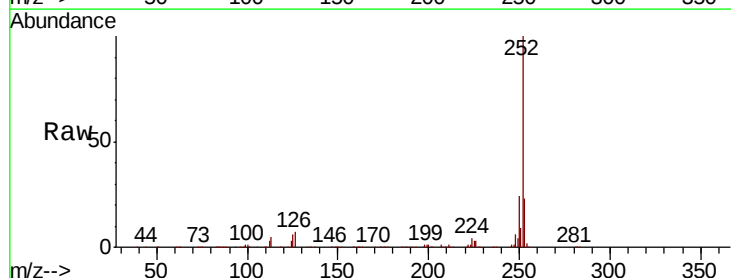


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

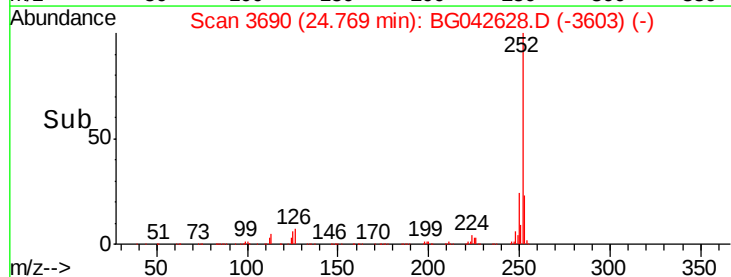
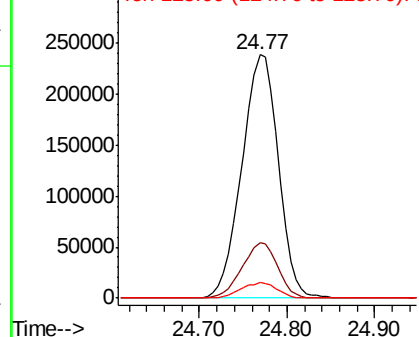


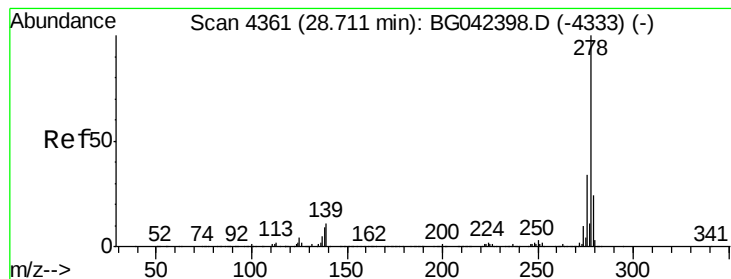
#90  
Benzo(a)pyrene  
Concen: 45.827 ng  
RT: 24.77 min Scan# 3690  
Delta R.T. -0.02 min  
Lab File: BG042628.D  
Acq: 31 Aug 2019 10:44

Tgt Ion:252 Resp: 675000  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.4 27.6  
125 6.4 6.0 9.0



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





#91

Dibenzo(a,h)anthracene

Concen: 43.946 ng

RT: 28.68 min Scan# 4356

Delta R.T. -0.03 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

Instrument :

BNA\_G

ClientSampleId :

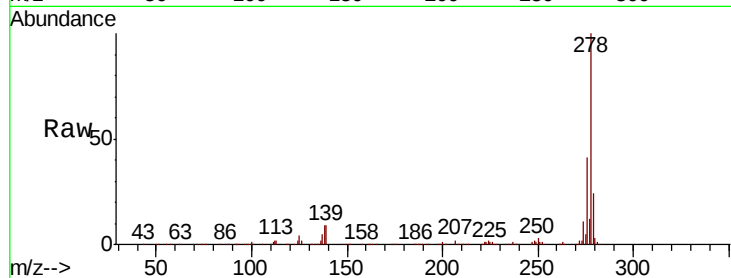
Tot Ion:278 Resp: 655391

Ion Ratio Lower Upper

278 100

139 9.4 8.8 13.2

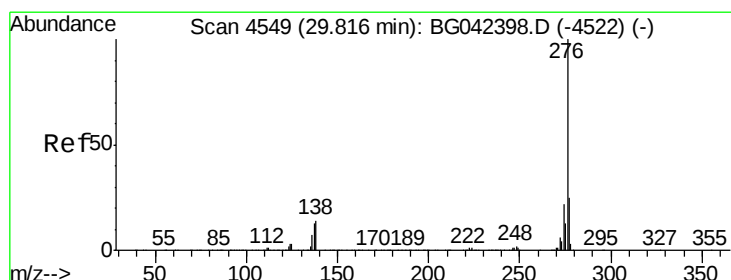
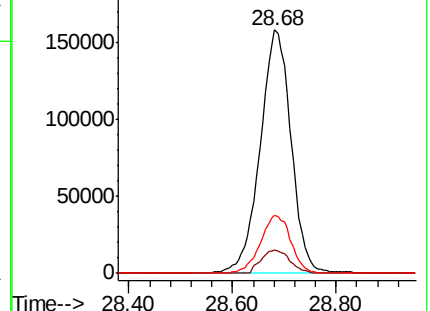
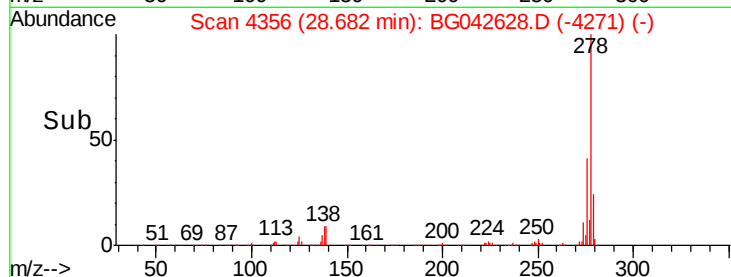
279 23.9 19.1 28.7



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: 44.544 ng

RT: 29.78 min Scan# 4543

Delta R.T. -0.04 min

Lab File: BG042628.D

Acq: 31 Aug 2019 10:44

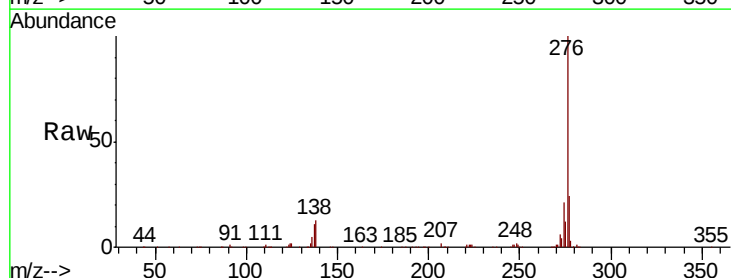
Tgt Ion:276 Resp: 664402

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 12.7 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

