

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\  
 Data File : BG043594.D  
 Acq On : 11 Nov 2019 21:55  
 Operator : JU  
 Sample : K5782-05MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMS

Quant Time: Nov 12 00:49:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 29268    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.81 | 136  | 127445   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.63 | 164  | 100781   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.38 | 188  | 261137   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.64 | 240  | 217272   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.83 | 264  | 246958   | 20.00 | ng    | -0.03    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.60  | 112 | 188954  | 118.30 | ng | 0.00  |
| 7) Phenol-d6                | 7.20  | 99  | 282429  | 122.90 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.16  | 82  | 172926  | 69.95  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 16.12 | 330 | 191843  | 100.03 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 13.25 | 172 | 492408  | 67.51  | ng | -0.01 |
| 79) Terphenyl-d14           | 19.99 | 244 | 1009261 | 87.15  | ng | 0.00  |

|                                |       |     |        |           |        |
|--------------------------------|-------|-----|--------|-----------|--------|
| Target Compounds               |       |     |        |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.46  | 88  | 18079  | 29.046 ng | 87     |
| 3) Pyridine                    | 3.86  | 79  | 48662  | 30.993 ng | 91     |
| 4) n-Nitrosodimethylamine      | 3.77  | 42  | 34197  | 43.163 ng | 86     |
| 6) Aniline                     | 7.34  | 93  | 77353  | 29.221 ng | 99     |
| 8) 2-Chlorophenol              | 7.58  | 128 | 88400  | 50.138 ng | 98     |
| 9) Benzaldehyde                | 7.14  | 77  | 39907  | 35.337 ng | 95     |
| 10) Phenol                     | 7.23  | 94  | 125401 | 59.717 ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 69013  | 42.508 ng | 100    |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 87929  | 39.804 ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.03  | 146 | 90637  | 40.553 ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 87588  | 40.136 ng | 94     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 81414  | 50.446 ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 95166  | 40.312 ng | 97     |
| 17) 2-Methylphenol             | 8.47  | 107 | 76555  | 50.009 ng | 97     |
| 18) Hexachloroethane           | 9.09  | 117 | 32684  | 40.532 ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.80  | 70  | 67471  | 45.437 ng | 95     |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 107425 | 51.175 ng | # 88   |
| 22) Acetophenone               | 8.83  | 105 | 131167 | 40.189 ng | # 98   |
| 24) Nitrobenzene               | 9.20  | 77  | 99775  | 42.369 ng | 96     |
| 25) Isophorone                 | 9.73  | 82  | 195928 | 43.351 ng | 99     |
| 26) 2-Nitrophenol              | 9.92  | 139 | 52310  | 46.011 ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 89239  | 54.765 ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 105498 | 42.293 ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 101131 | 48.438 ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 106972 | 40.652 ng | 99     |
| 31) Naphthalene                | 10.85 | 128 | 280311 | 43.331 ng | 99     |
| 32) Benzoic acid               | 10.19 | 122 | 50500  | 41.985 ng | 95     |
| 33) 4-Chloroaniline            | 10.98 | 127 | 46389  | 17.494 ng | 97     |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 73401  | 37.734 ng | 95     |
| 35) Caprolactam                | 11.75 | 113 | 15951  | 22.183 ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 114052 | 50.080 ng | 97     |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 220809 | 44.486 ng | 96     |
| 38) 1-Methylnaphthalene        | 12.68 | 142 | 213426 | 45.191 ng | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 144154 | 38.650 ng | 98     |

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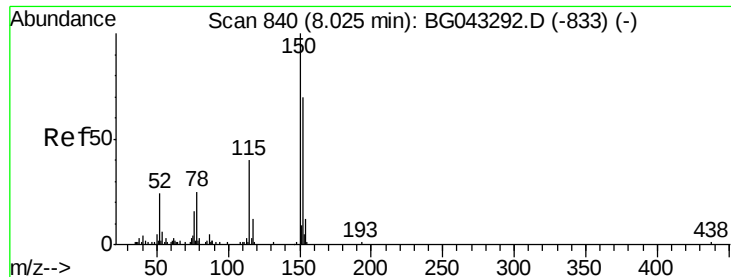
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMS

Quant Time: Nov 12 00:49:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 142503   | 72.733  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 94084    | 42.834  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.16 | 196  | 104886   | 47.233  | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.46 | 154  | 309549   | 40.375  | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.51 | 162  | 234768   | 40.245  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.72 | 65   | 75479    | 43.291  | ng    | 95       |
| 49) Acenaphthylene             | 14.36 | 152  | 403432   | 44.436  | ng    | 99       |
| 50) Dimethylphthalate          | 14.09 | 163  | 371956   | 47.649  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.21 | 165  | 76190    | 44.927  | ng    | 99       |
| 52) Acenaphthene               | 14.70 | 154  | 235226   | 42.485  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.55 | 138  | 37683    | 23.015  | ng    | # 99     |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 86594    | 81.609  | ng    | 95       |
| 55) Dibenzofuran               | 15.03 | 168  | 392437   | 43.708  | ng    | 97       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 110186   | 100.422 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 15.00 | 165  | 109663   | 45.248  | ng    | 97       |
| 58) Fluorene                   | 15.68 | 166  | 329791   | 43.794  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.18 | 232  | 101925   | 43.201  | ng    | 95       |
| 60) Diethylphthalate           | 15.45 | 149  | 341832   | 43.581  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 190442   | 43.350  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.72 | 138  | 73883    | 43.693  | ng    | 96       |
| 63) Azobenzene                 | 15.97 | 77   | 286256   | 45.094  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 68829    | 44.787  | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.89 | 169  | 304088   | 41.246  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.57 | 248  | 137542   | 39.138  | ng    | 97       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 150564   | 37.324  | ng    | 94       |
| 69) Atrazine                   | 16.84 | 200  | 135646   | 52.949  | ng    | 96       |
| 70) Pentachlorophenol          | 17.04 | 266  | 147191   | 80.076  | ng    | 99       |
| 71) Phenanthrene               | 17.42 | 178  | 547847   | 40.969  | ng    | 98       |
| 72) Anthracene                 | 17.51 | 178  | 571469   | 42.714  | ng    | 100      |
| 73) Carbazole                  | 17.79 | 167  | 512588   | 42.308  | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.33 | 149  | 620603   | 42.216  | ng    | 99       |
| 75) Fluoranthene               | 19.43 | 202  | 724410   | 41.553  | ng    | 99       |
| 77) Benzidine                  | 19.61 | 184  | 234477   | 53.623  | ng    | 98       |
| 78) Pyrene                     | 19.79 | 202  | 729231   | 54.222  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.67 | 149  | 231002   | 45.337  | ng    | 94       |
| 81) Benzo(a)anthracene         | 21.62 | 228  | 603678   | 44.356  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 102334   | 19.440  | ng    | 98       |
| 83) Chrysene                   | 21.69 | 228  | 573528   | 42.413  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 299069   | 41.320  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.72 | 149  | 517653   | 42.156  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.46 | 276  | 720358   | 42.439  | ng    | # 97     |
| 88) Benzo(b)fluoranthene       | 23.82 | 252  | 592293   | 42.346  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.89 | 252  | 602719   | 42.805  | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.68 | 252  | 561982   | 42.076  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.52 | 278  | 604443   | 44.244  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.60 | 276  | 606844   | 45.032  | ng    | 97       |

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



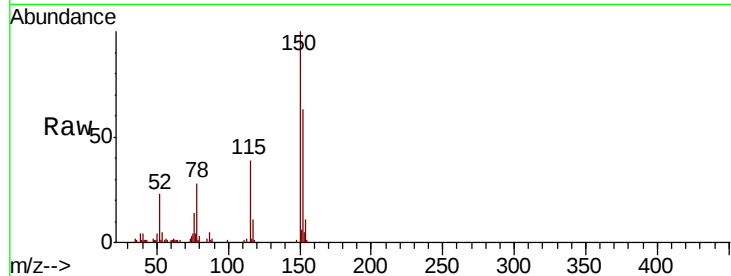


#1

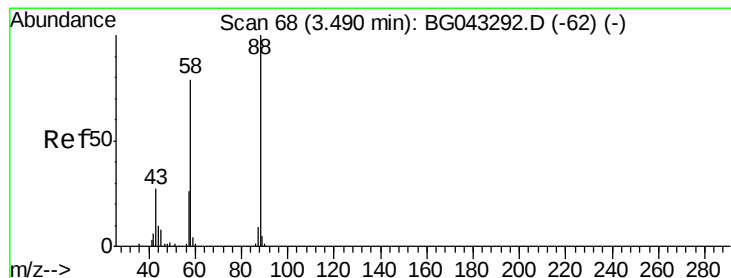
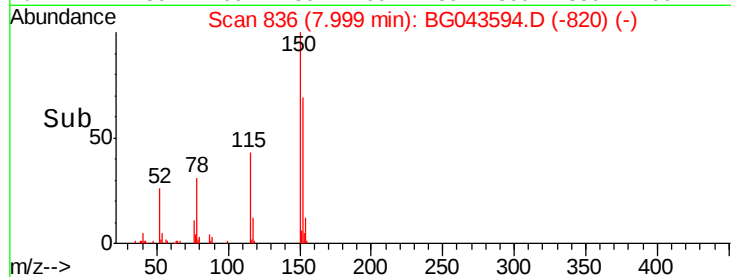
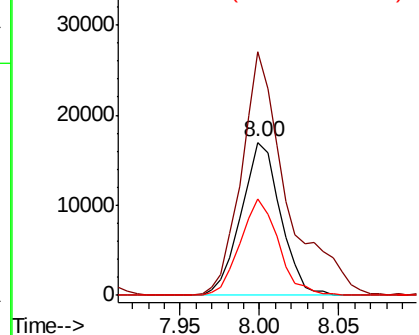
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Instrument :  
BNA\_G  
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TP-2A-COMPMS

Tot Ion:152 Resp: 29268  
Ion Ratio Lower Upper  
152 100  
150 158.9 129.4 194.0  
115 62.6 48.8 73.2



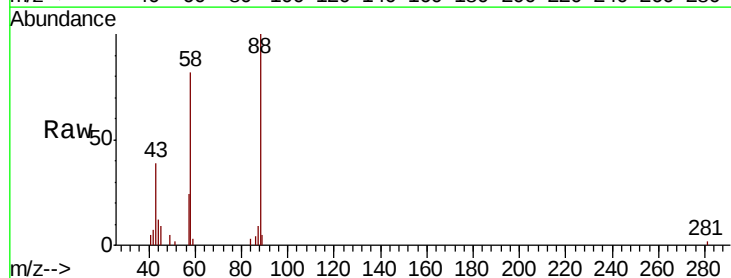
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



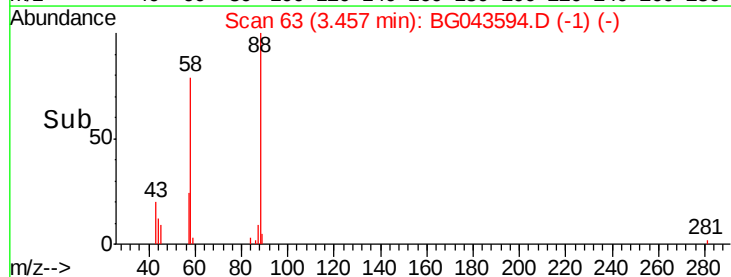
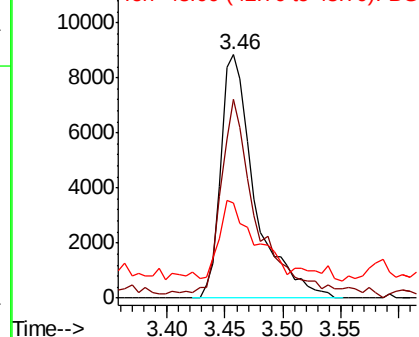
#2

1,4-Dioxane  
Concen: 29.046 ng  
RT: 3.46 min Scan# 63  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Tgt Ion: 88 Resp: 18079  
Ion Ratio Lower Upper  
88 100  
58 92.3 62.7 94.1  
43 33.0 23.7 35.5



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: 30.993 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

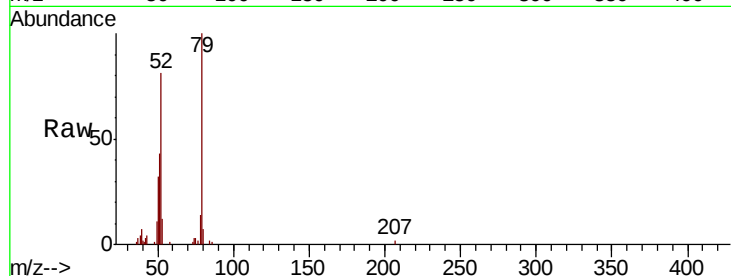
Tot Ion: 79 Resp: 48662

Ion Ratio Lower Upper

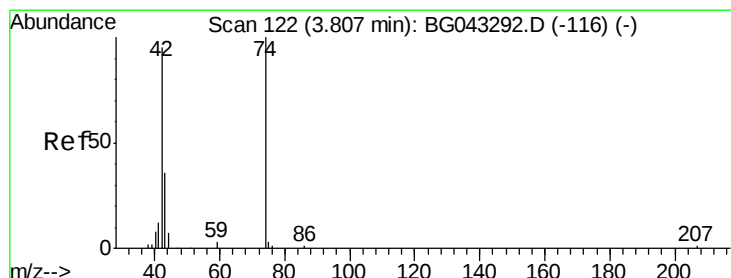
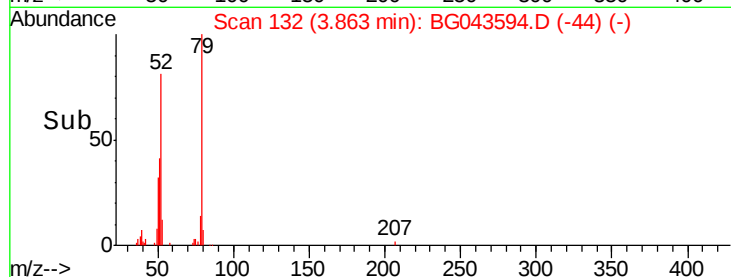
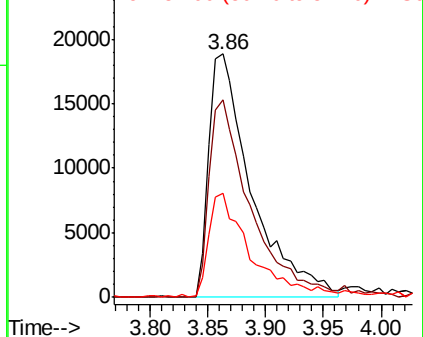
79 100

52 81.0 56.5 84.7

51 42.7 33.2 49.8



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.163 ng

RT: 3.77 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

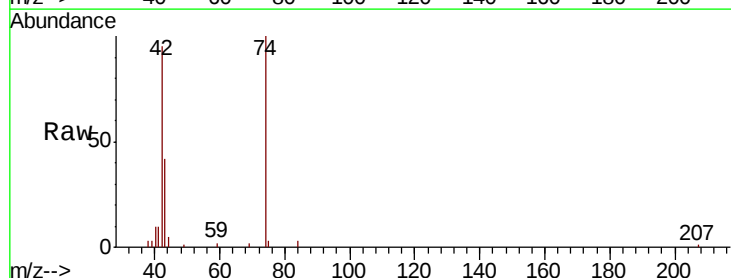
Tgt Ion: 42 Resp: 34197

Ion Ratio Lower Upper

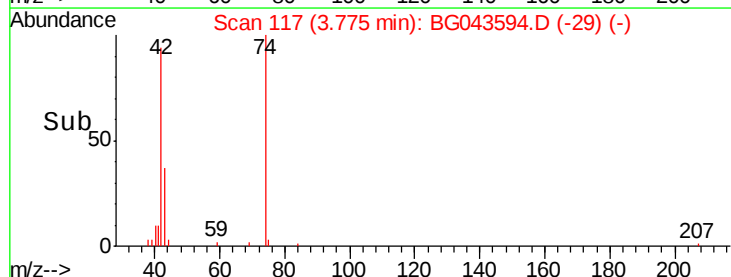
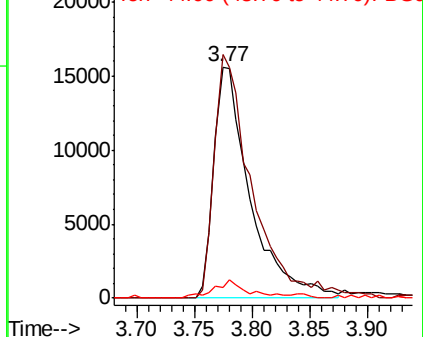
42 100

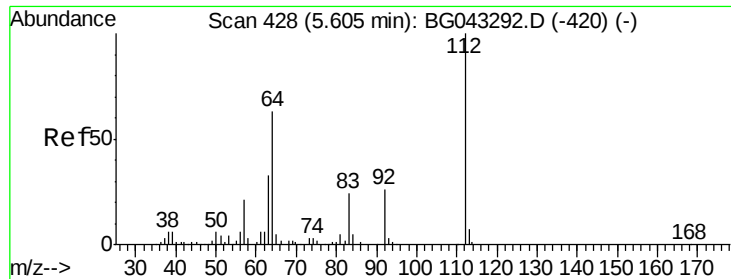
74 105.3 97.3 145.9

44 4.8 4.4 6.6



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 118.303 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

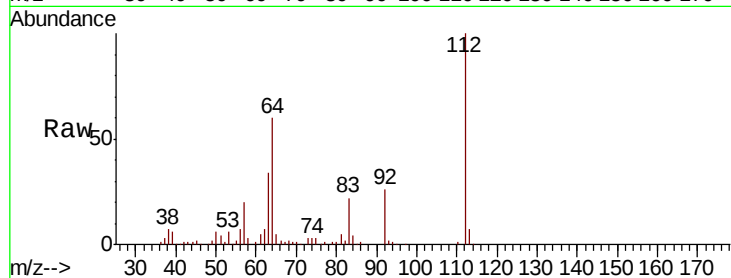
Tot Ion:112 Resp: 188954

Ion Ratio Lower Upper

112 100

64 59.7 50.0 75.0

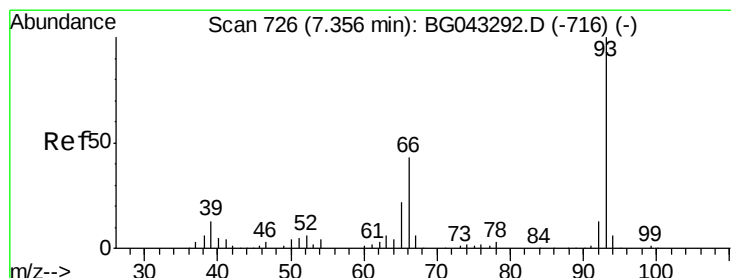
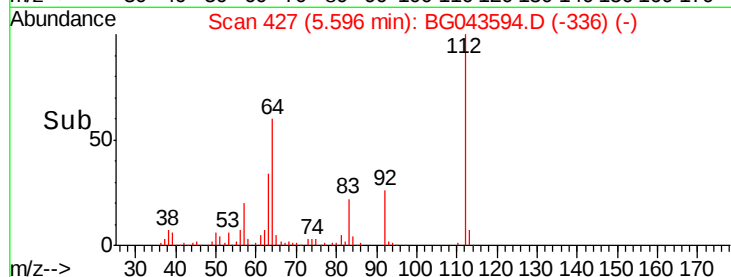
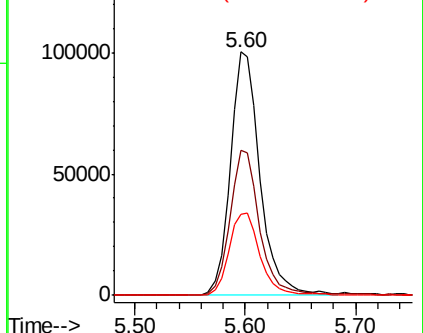
63 33.5 26.6 40.0



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: 29.221 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

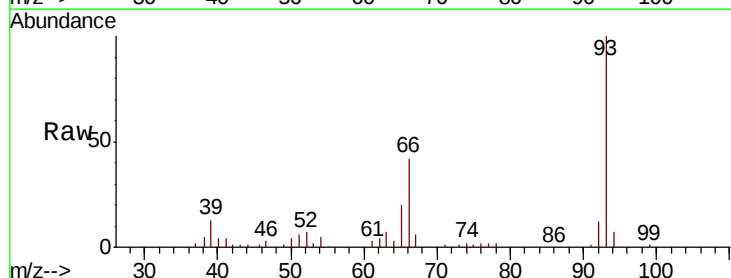
Tgt Ion: 93 Resp: 77353

Ion Ratio Lower Upper

93 100

66 41.6 32.3 48.5

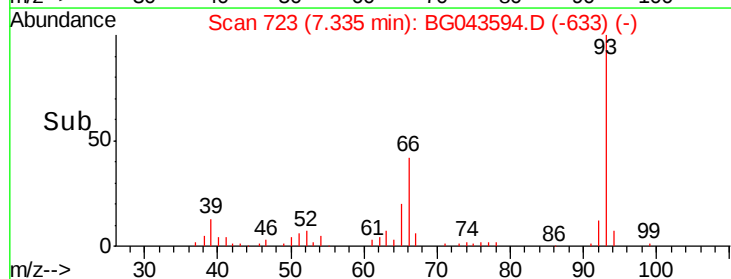
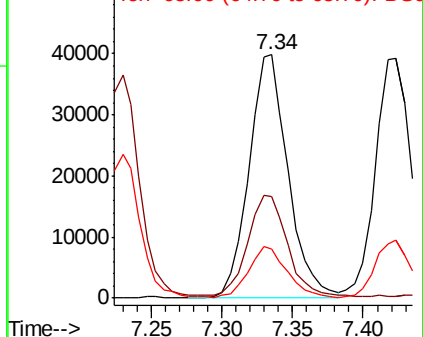
65 20.1 16.1 24.1

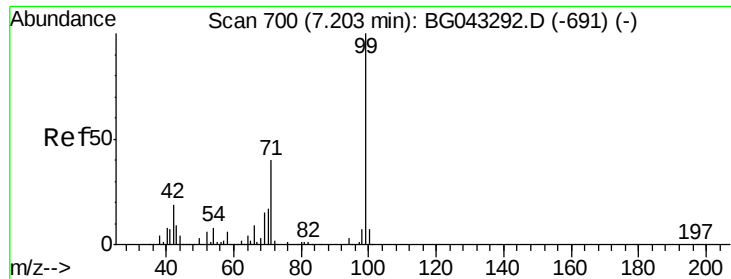


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.902 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

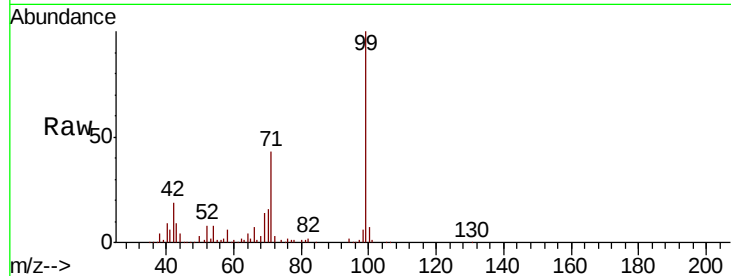
Tot Ion: 99 Resp: 282429

Ion Ratio Lower Upper

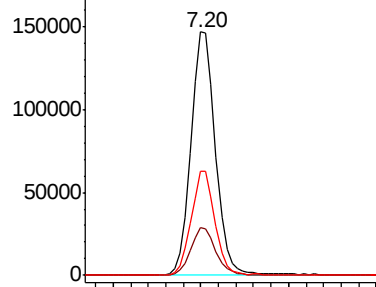
99 100

42 19.4 14.6 21.8

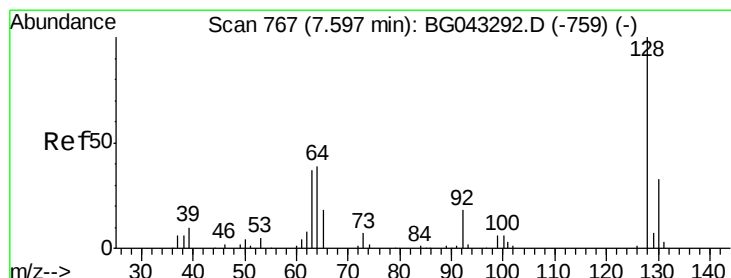
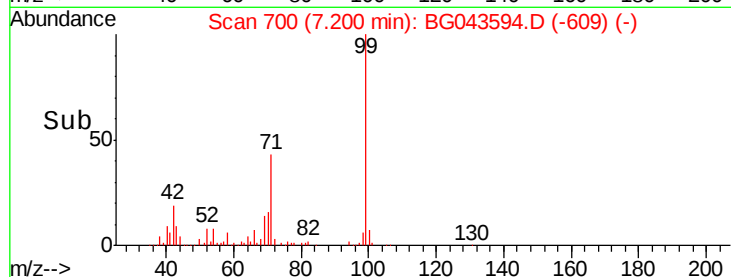
71 42.7 32.5 48.7



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



Time-->



#8

2-Chlorophenol

Concen: 50.138 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

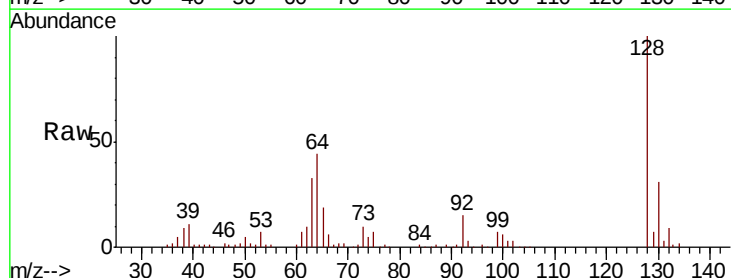
Tgt Ion: 128 Resp: 88400

Ion Ratio Lower Upper

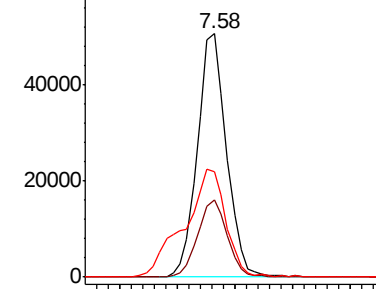
128 100

130 31.5 12.5 52.5

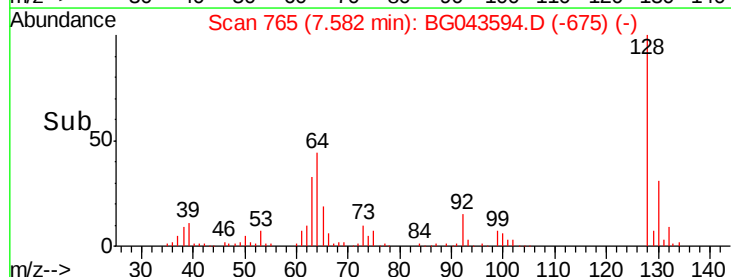
64 43.5 25.3 65.3

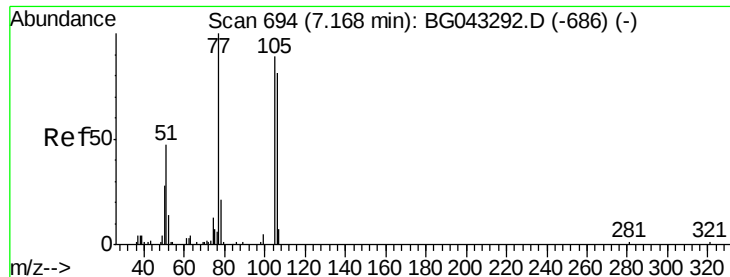


Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 35.337 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

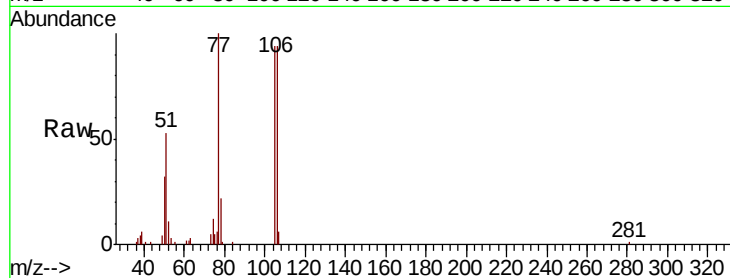
Tot Ion: 77 Resp: 39907

Ion Ratio Lower Upper

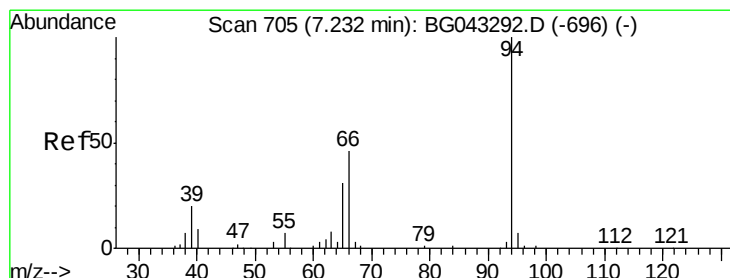
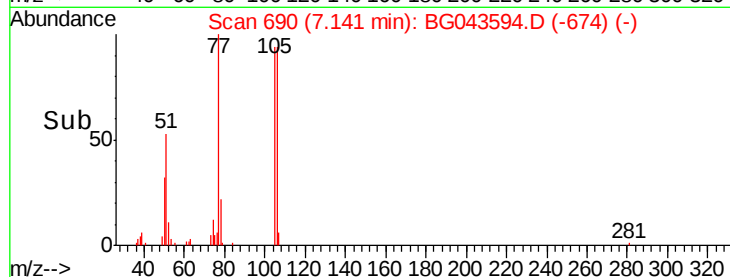
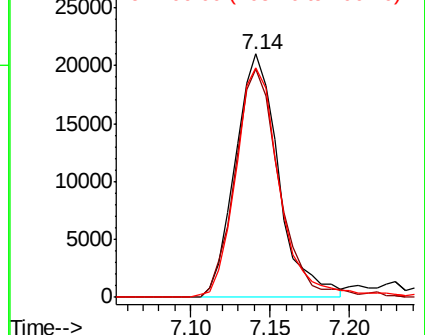
77 100

105 94.0 68.6 108.6

106 94.1 69.9 109.9



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: 59.717 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

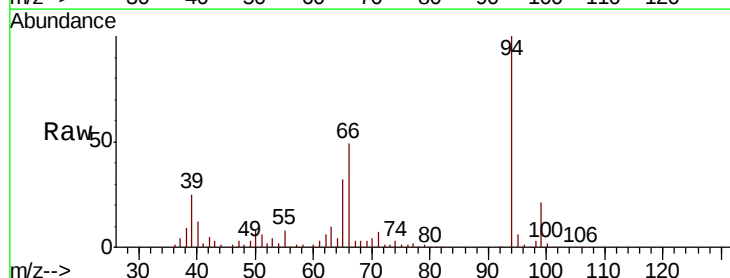
Tgt Ion: 94 Resp: 125401

Ion Ratio Lower Upper

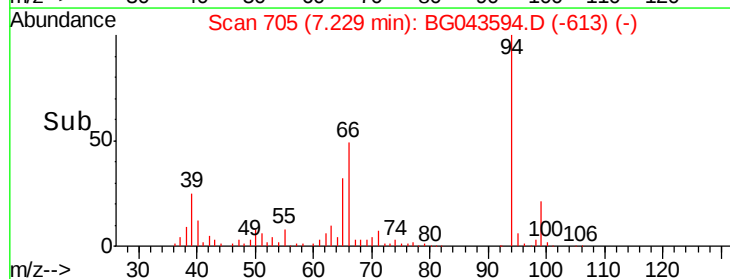
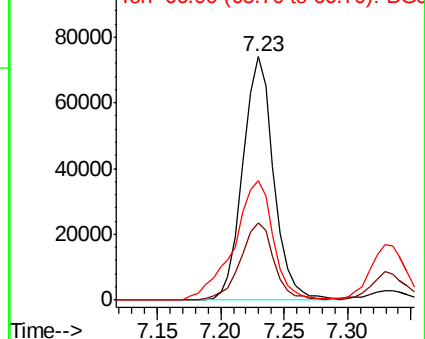
94 100

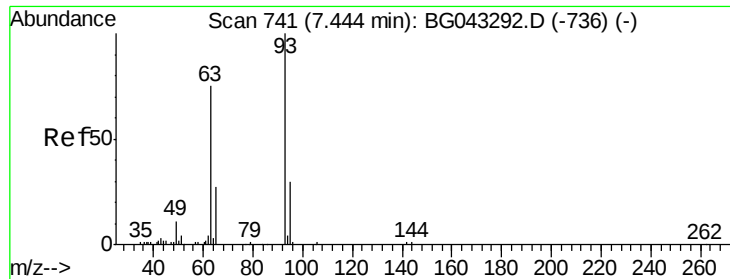
65 31.8 12.6 52.6

66 49.2 30.7 70.7



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

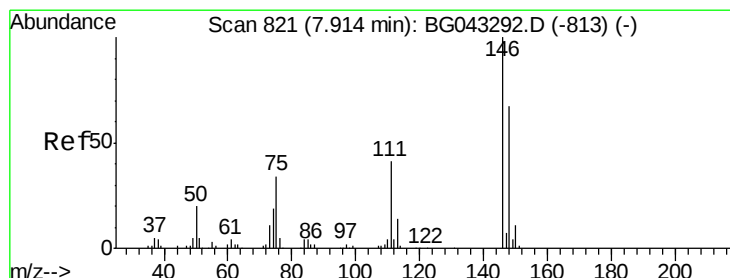
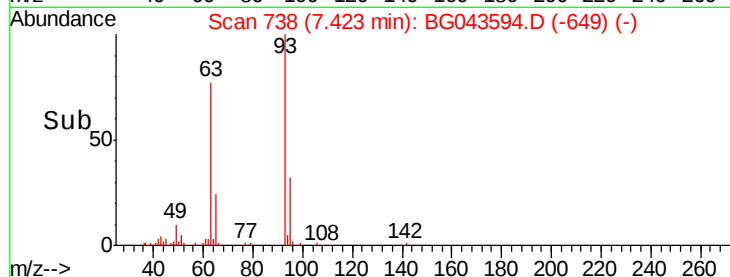
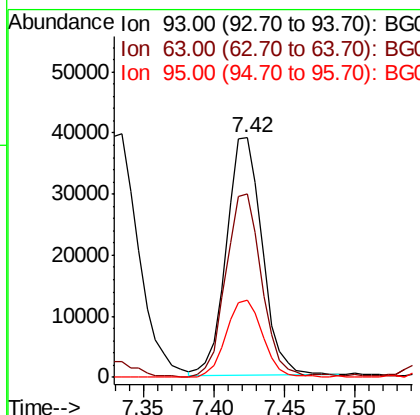
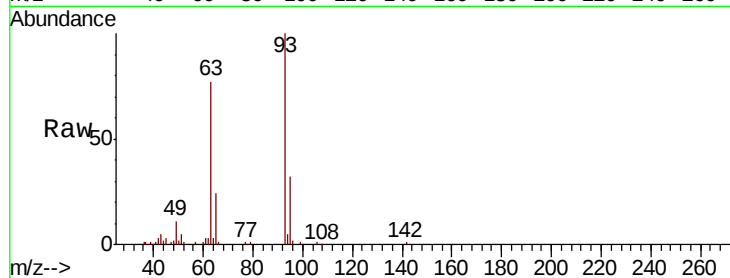




#11  
 bis(2-Chloroethyl)ether  
 Concen: 42.508 ng  
 RT: 7.42 min Scan# 738  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

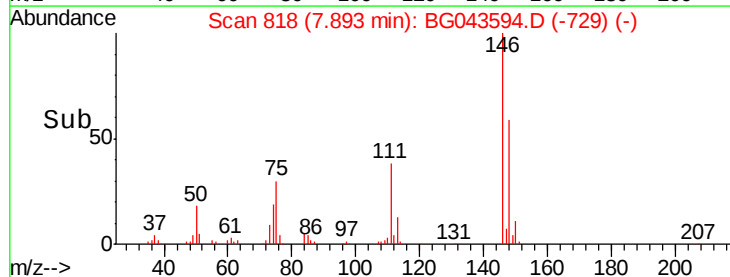
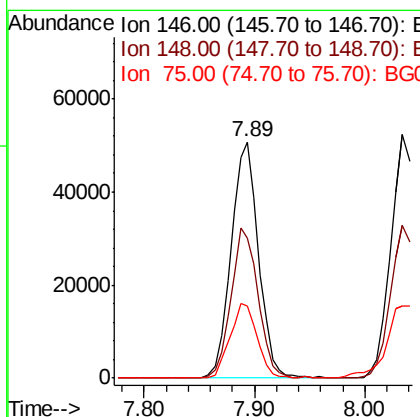
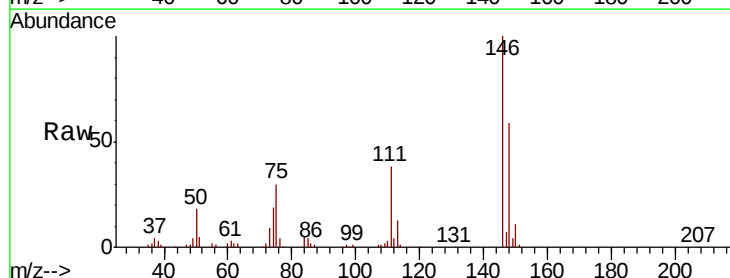
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMS

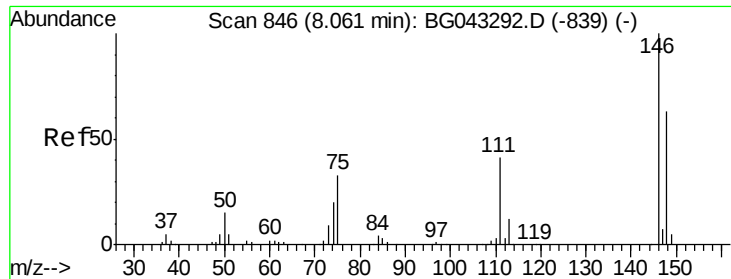
Tot Ion: 93 Resp: 69013  
 Ion Ratio Lower Upper  
 93 100  
 63 76.8 56.3 96.3  
 95 32.1 12.2 52.2



#12  
 1,3-Dichlorobenzene  
 Concen: 39.804 ng  
 RT: 7.89 min Scan# 818  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

Tgt Ion: 146 Resp: 87929  
 Ion Ratio Lower Upper  
 146 100  
 148 59.4 50.3 75.5  
 75 30.3 24.6 37.0

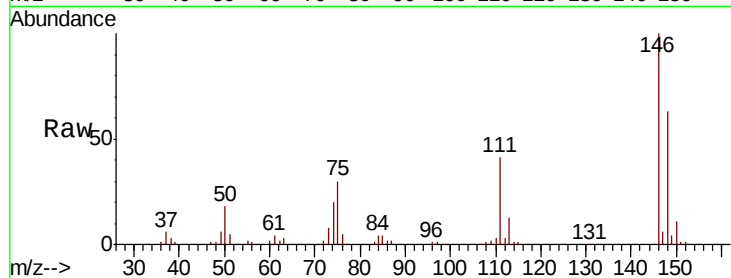




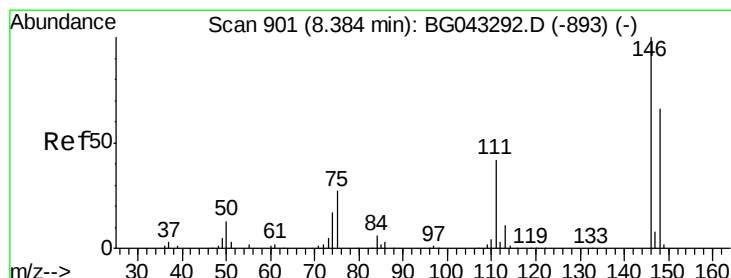
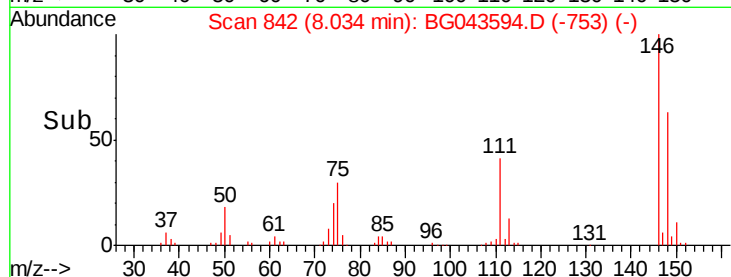
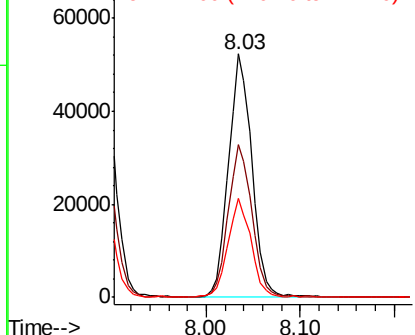
#13  
 1,4-Dichlorobenzene  
 Concen: 40.553 ng  
 RT: 8.03 min Scan# 842  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMS

Tot Ion:146 Resp: 90637  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 50.7 76.1  
 111 40.5 33.4 50.2

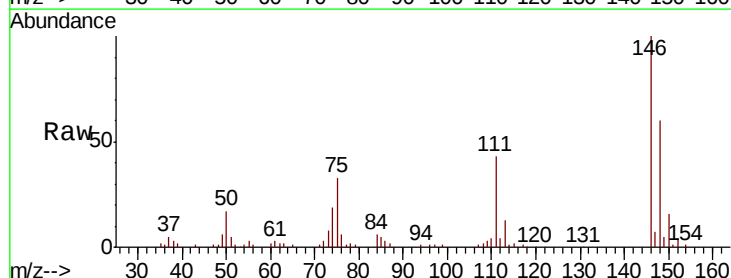


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

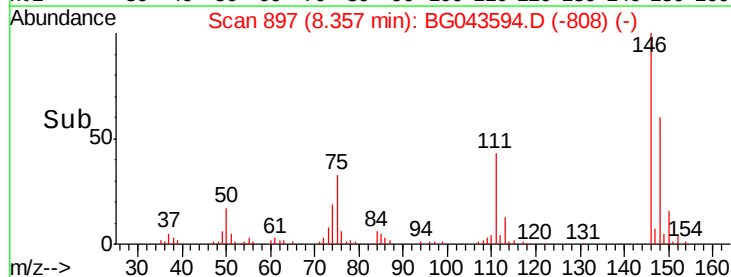
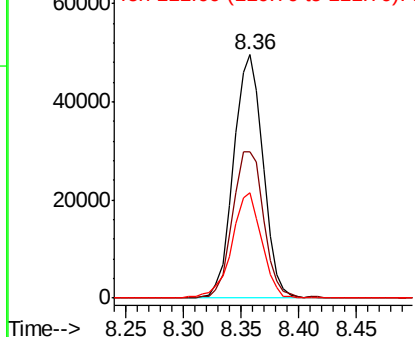


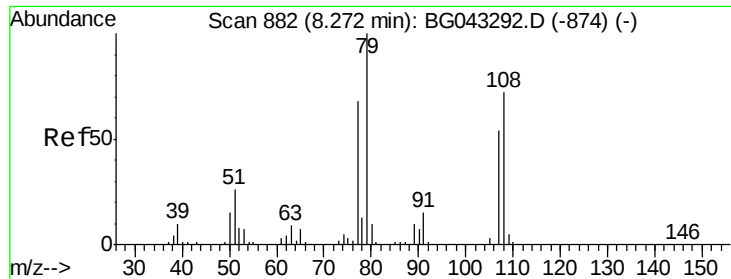
#14  
 1,2-Dichlorobenzene  
 Concen: 40.136 ng  
 RT: 8.36 min Scan# 897  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

Tgt Ion:146 Resp: 87588  
 Ion Ratio Lower Upper  
 146 100  
 148 60.2 53.2 79.8  
 111 43.4 35.8 53.6



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: 50.446 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

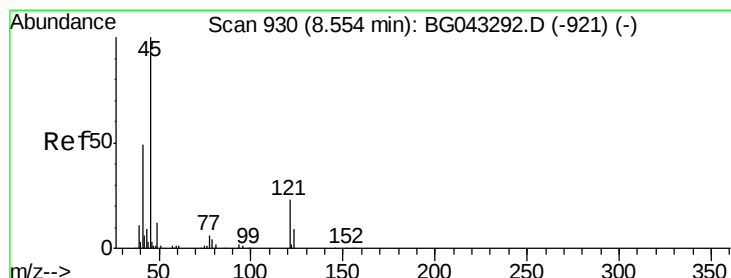
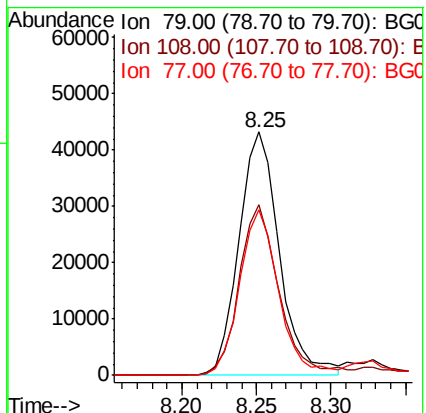
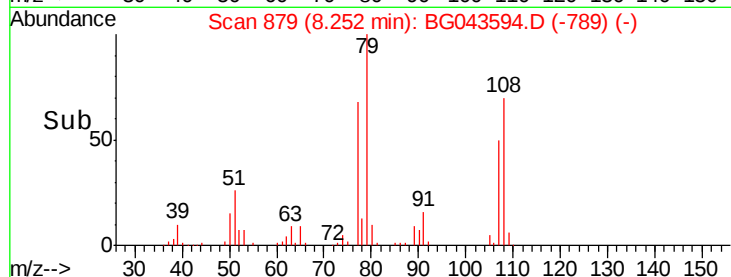
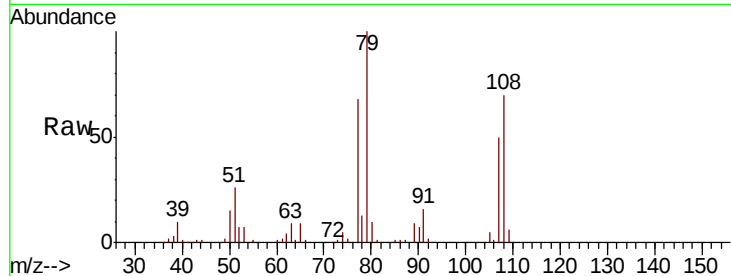
Tot Ion: 79 Resp: 81414

Ion Ratio Lower Upper

79 100

108 70.1 53.6 80.4

77 68.2 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.312 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

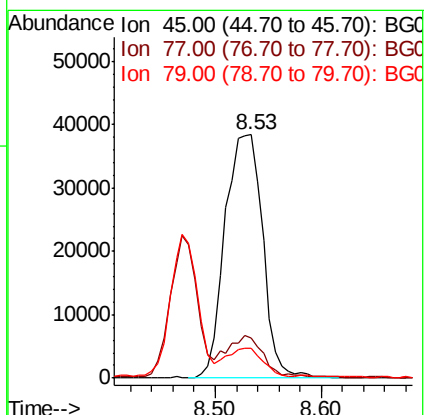
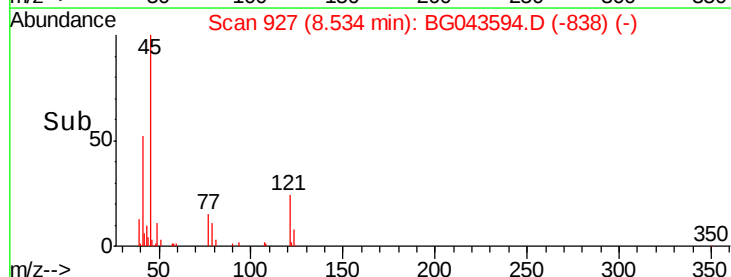
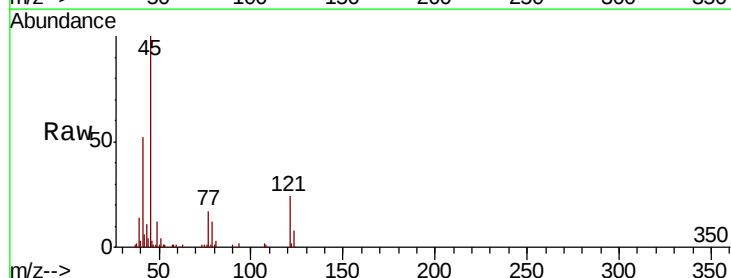
Tgt Ion: 45 Resp: 95166

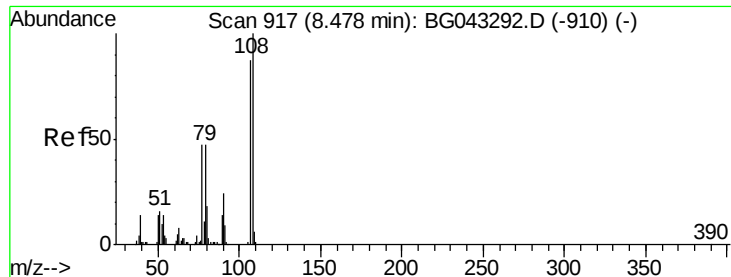
Ion Ratio Lower Upper

45 100

77 16.5 0.0 34.9

79 12.2 0.0 33.0

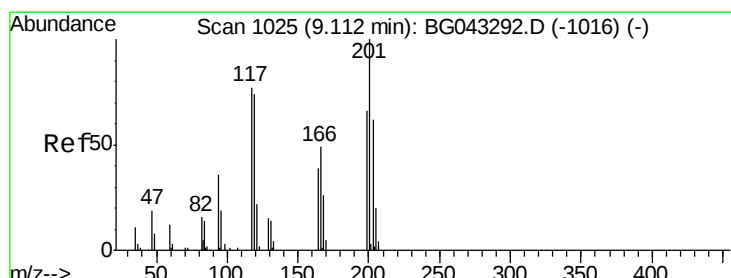
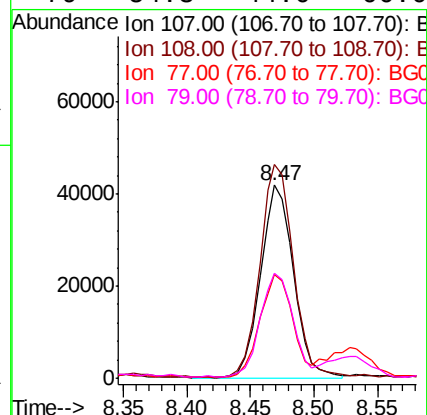
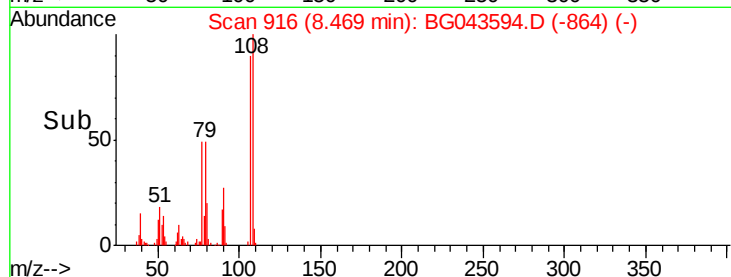
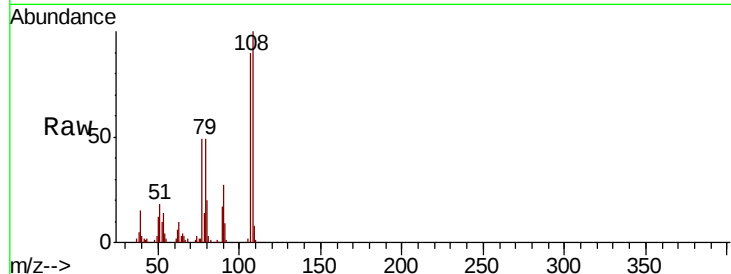




#17  
2-Methylphenol  
Concen: 50.009 ng  
RT: 8.47 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

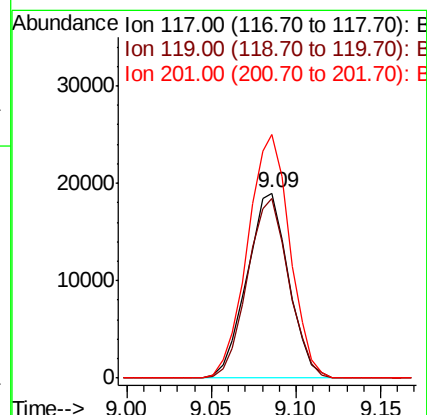
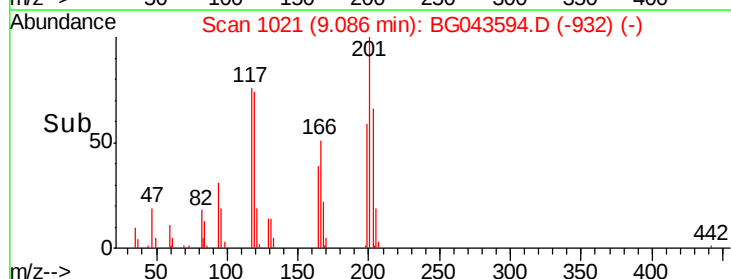
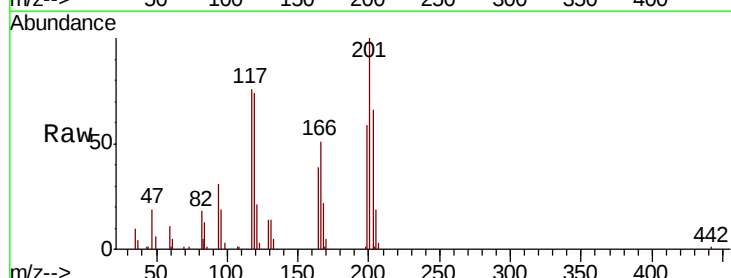
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

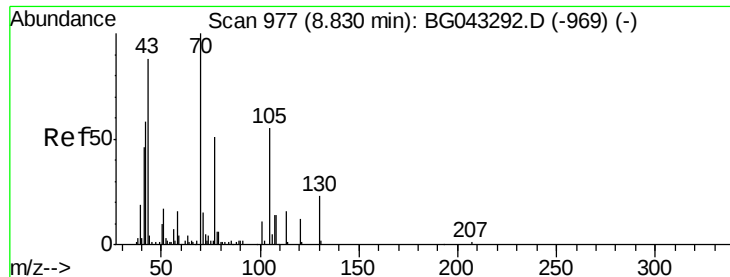
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.5 | 90.2  | 135.4 |
| 77      | 53.8  | 40.2  | 60.2  |
| 79      | 54.3  | 44.0  | 66.0  |



#18  
Hexachloroethane  
Concen: 40.532 ng  
RT: 9.09 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.9  | 79.0  | 118.4 |
| 201     | 131.5 | 105.4 | 158.2 |

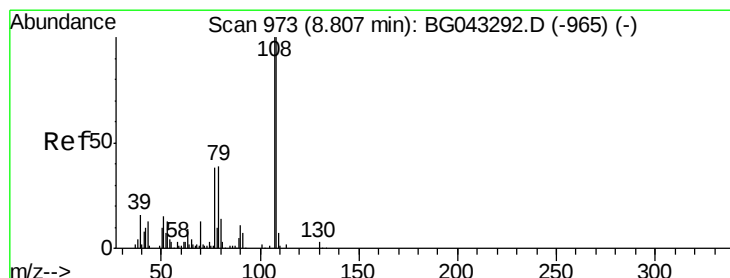
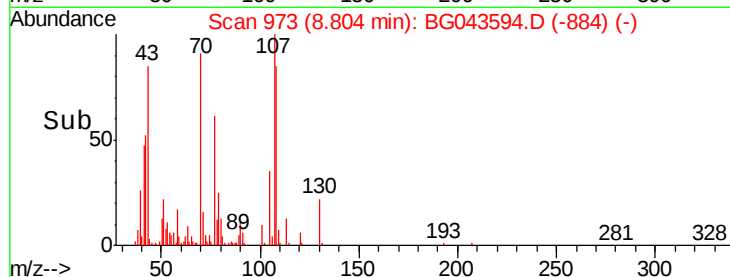
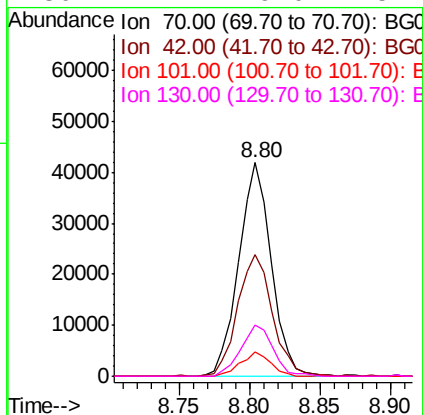
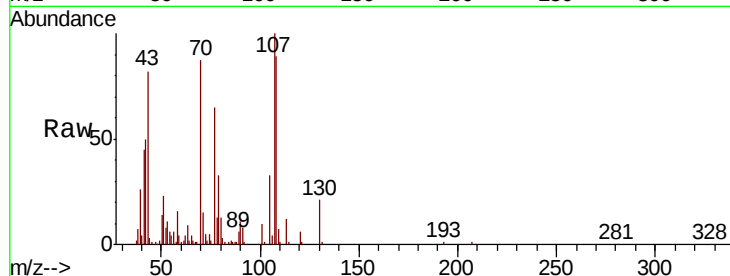




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.437 ng  
RT: 8.80 min Scan# 973  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

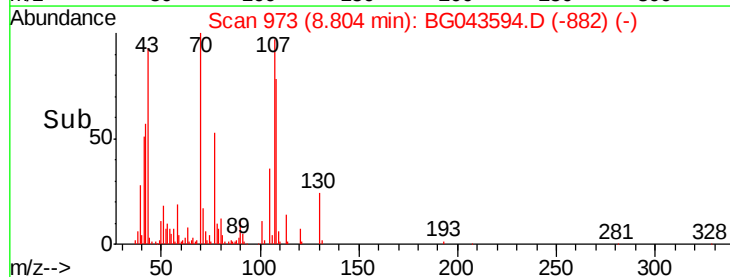
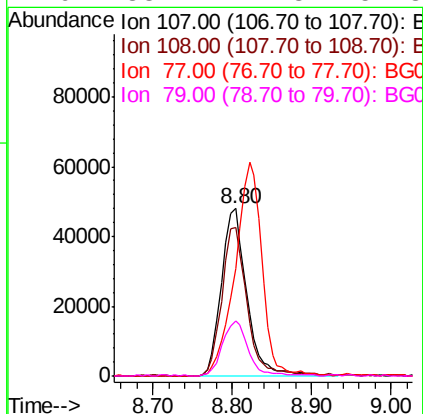
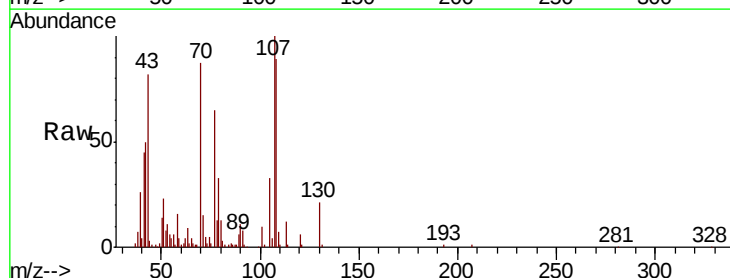
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

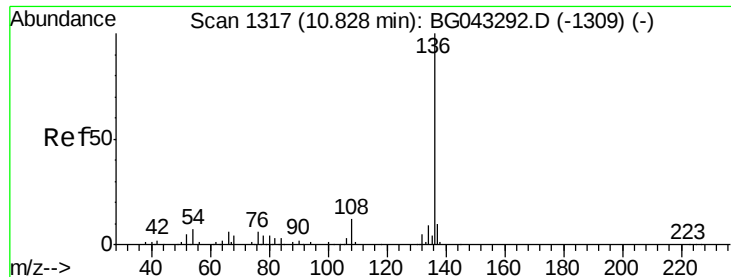
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 67471 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 56.8  | 41.4  | 62.2  |
| 101      | 11.4  | 7.9   | 11.9  |
| 130      | 24.1  | 19.0  | 28.4  |



#20  
3+4-Methylphenols  
Concen: 51.175 ng  
RT: 8.80 min Scan# 973  
Delta R.T. 0.00 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 107425 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.8  | 66.6  | 106.6  |
| 77       | 64.5  | 20.9  | 60.9   |
| 79       | 33.1  | 11.3  | 51.3   |

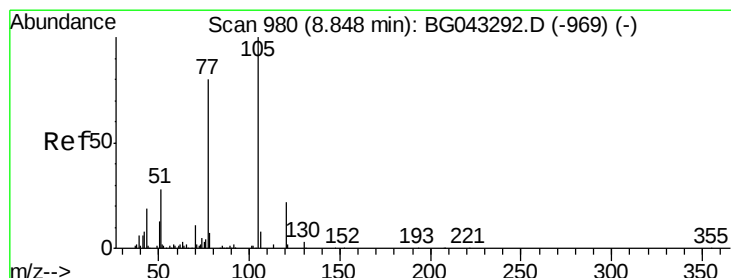
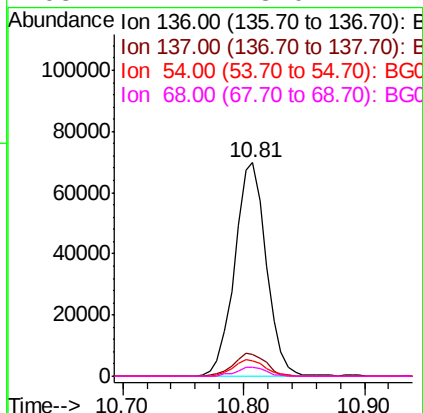
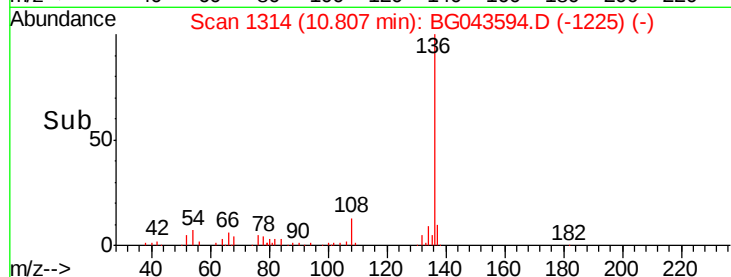
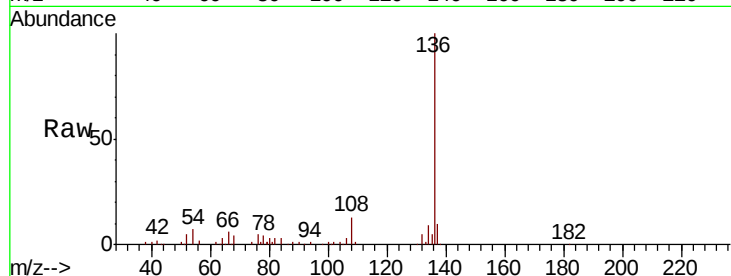




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.81 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

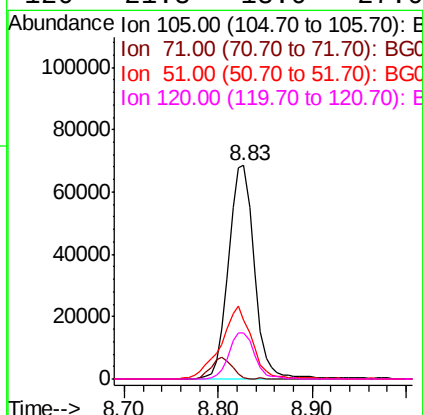
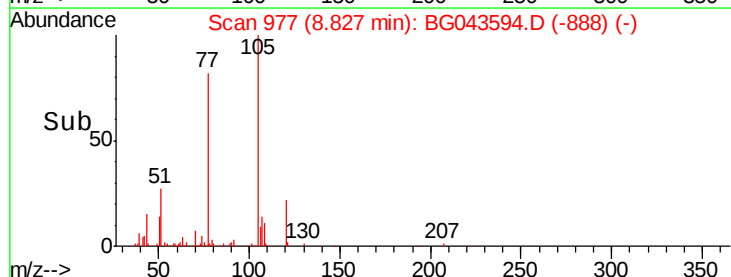
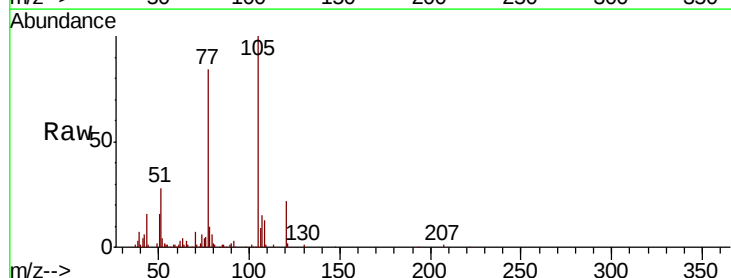
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

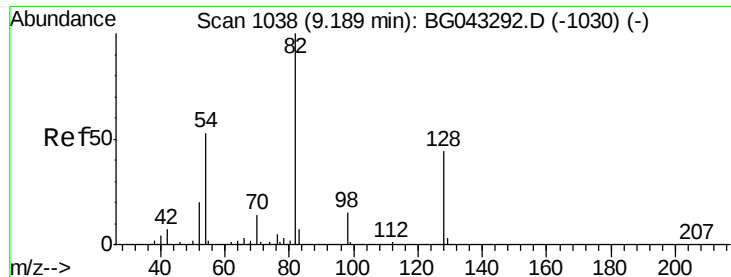
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 127445 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.4    | 8.7   | 13.1   |
| 54 7.4      | 5.4   | 8.2    |
| 68 4.1      | 3.0   | 4.4    |



#22  
Acetophenone  
Concen: 40.189 ng  
RT: 8.83 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 131167 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 0.8     | 0.8   | 1.2#   |
| 51  | 27.6    | 21.0  | 31.4   |
| 120 | 21.8    | 18.0  | 27.0   |

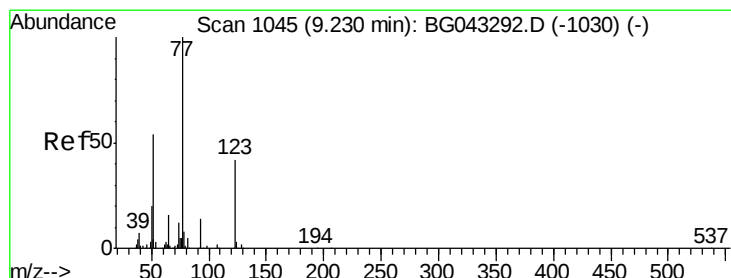
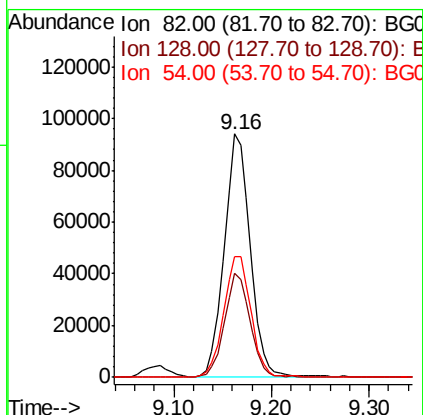
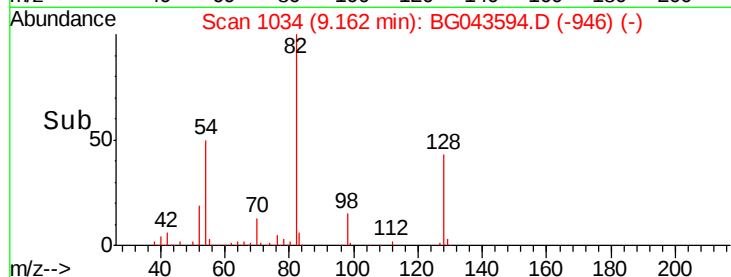
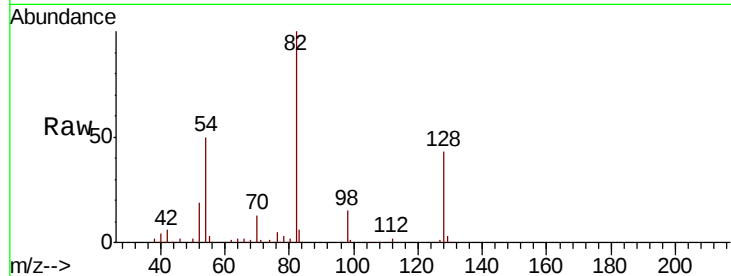




#23  
 Nitrobenzene-d5  
 Concen: 69.953 ng  
 RT: 9.16 min Scan# 1034  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

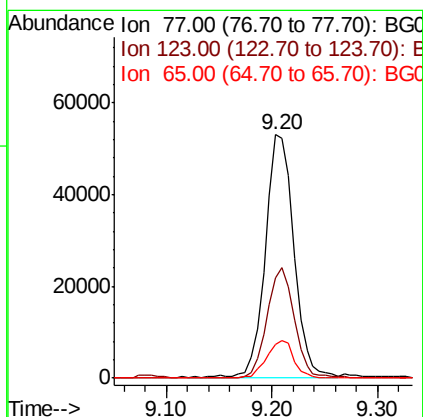
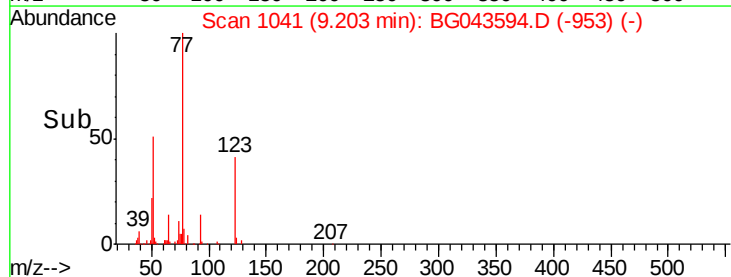
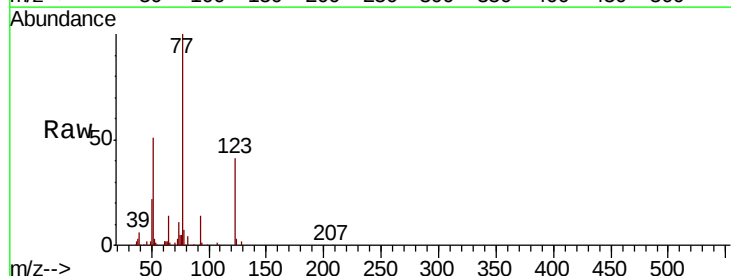
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMS

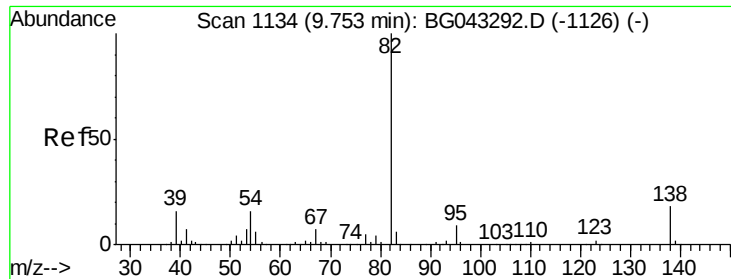
| Tot Ion   | 82   | Resp  | 172926 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 42.6 | 35.0  | 52.6   |
| 54        | 49.5 | 40.2  | 60.2   |



#24  
 Nitrobenzene  
 Concen: 42.369 ng  
 RT: 9.20 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

| Tgt Ion   | 77   | Resp  | 99775 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 123       | 41.4 | 35.0  | 52.6  |
| 65        | 14.0 | 9.5   | 14.3  |

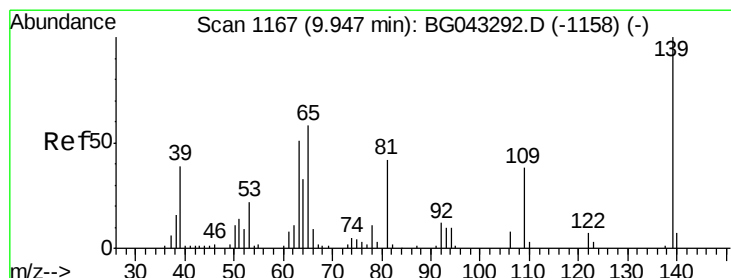
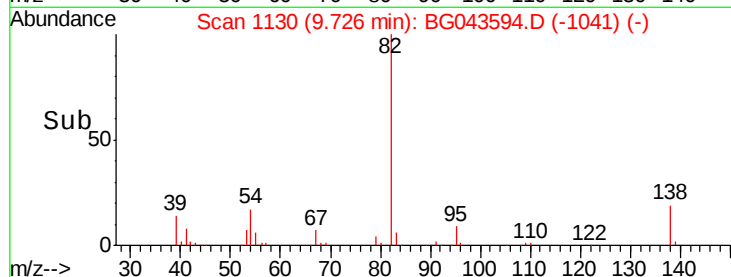
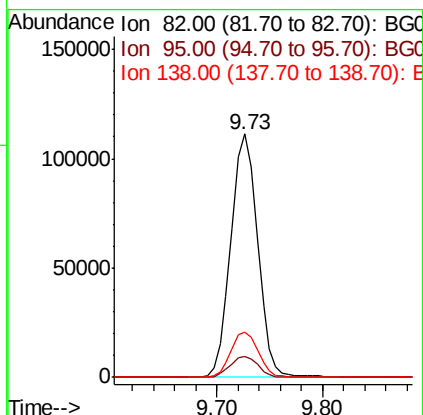
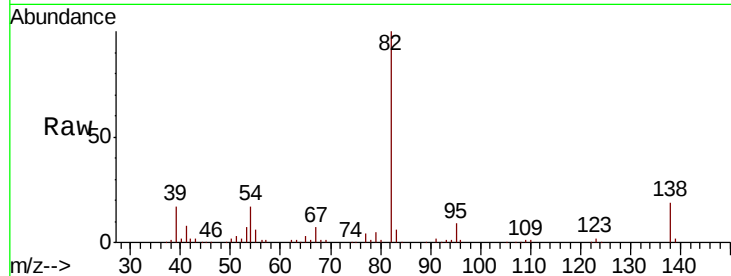




#25  
Isophorone  
Concen: 43.351 ng  
RT: 9.73 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

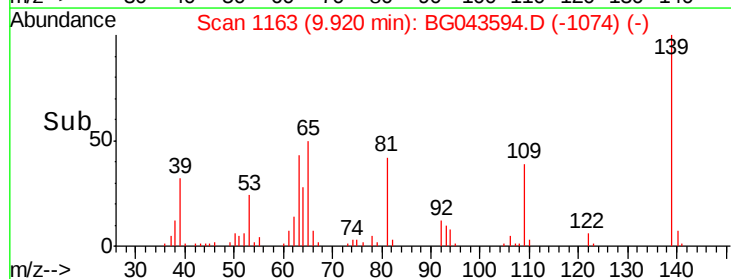
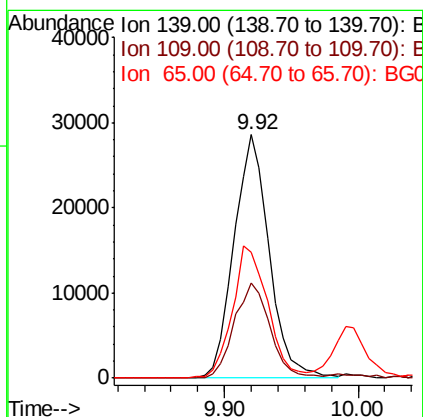
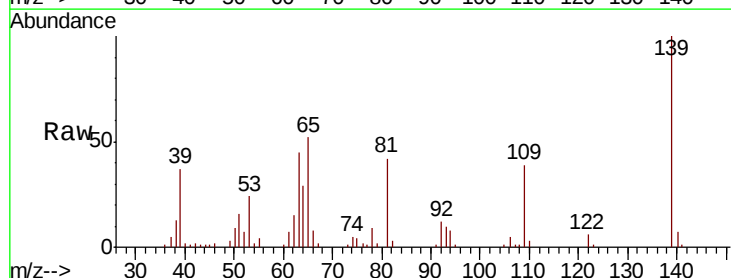
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

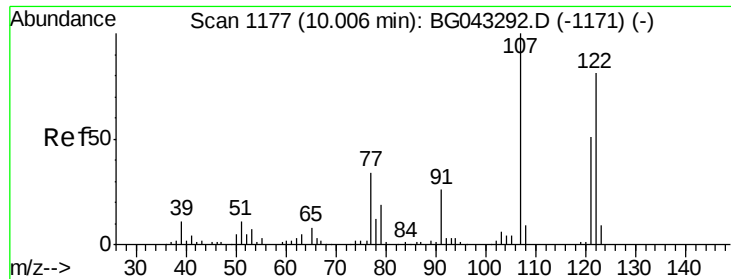
Tot Ion: 82 Resp: 195928  
Ion Ratio Lower Upper  
82 100  
95 8.7 6.6 9.8  
138 18.6 15.2 22.8



#26  
2-Nitrophenol  
Concen: 46.011 ng  
RT: 9.92 min Scan# 1163  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Tgt Ion: 139 Resp: 52310  
Ion Ratio Lower Upper  
139 100  
109 38.8 26.5 39.7  
65 51.9 43.8 65.8

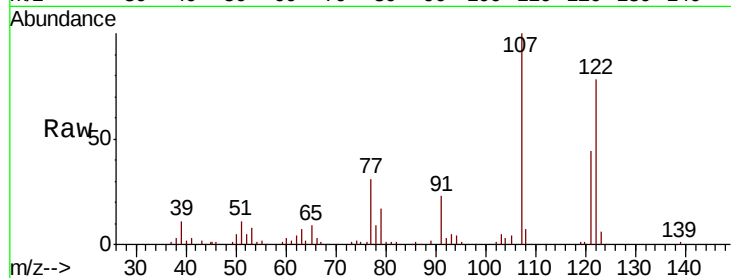




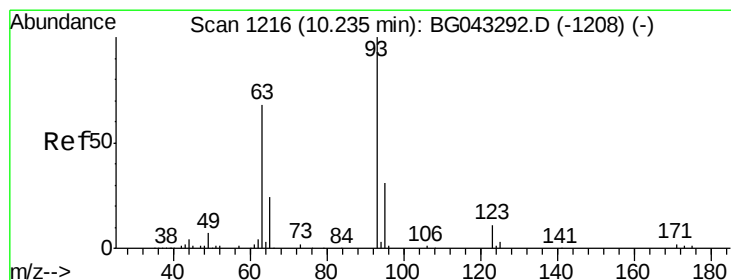
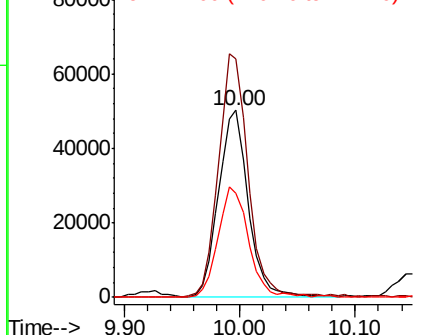
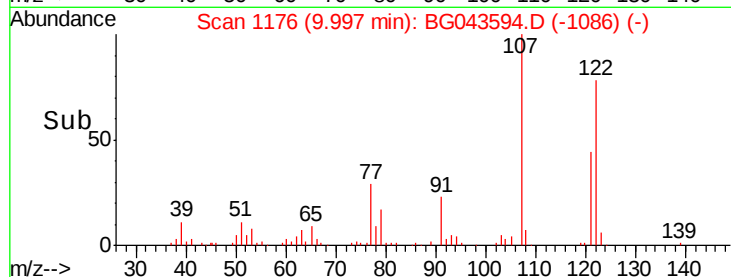
#27  
2,4-Dimethylphenol  
Concen: 54.765 ng  
RT: 10.00 min Scan# 1176  
Delta R.T. -0.00 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

Tot Ion:122 Resp: 89239  
Ion Ratio Lower Upper  
122 100  
107 127.9 104.4 156.6  
121 56.0 47.2 70.8

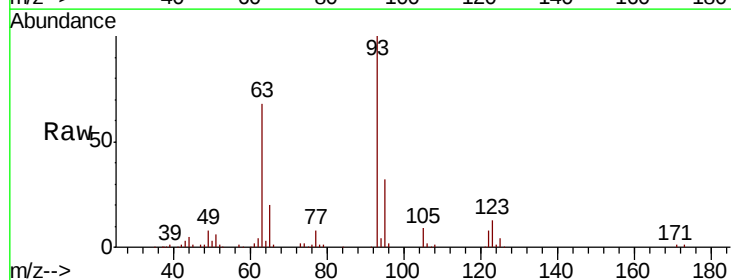


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

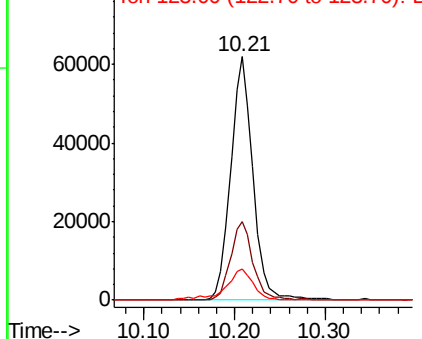
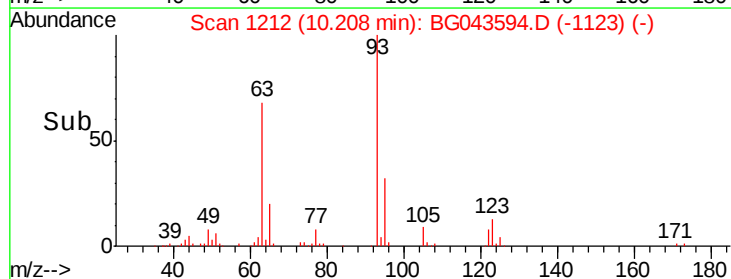


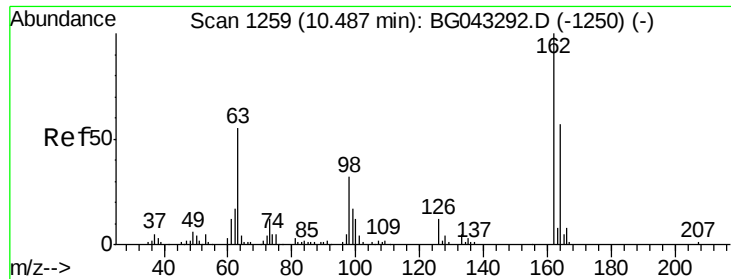
#28  
bis(2-Chloroethoxy)methane  
Concen: 42.293 ng  
RT: 10.21 min Scan# 1212  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Tgt Ion: 93 Resp: 105498  
Ion Ratio Lower Upper  
93 100  
95 32.1 26.0 39.0  
123 12.6 10.6 15.8



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

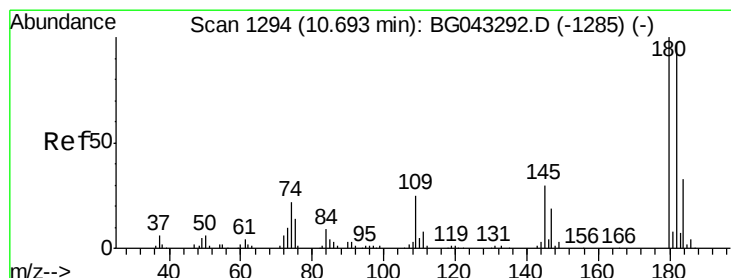
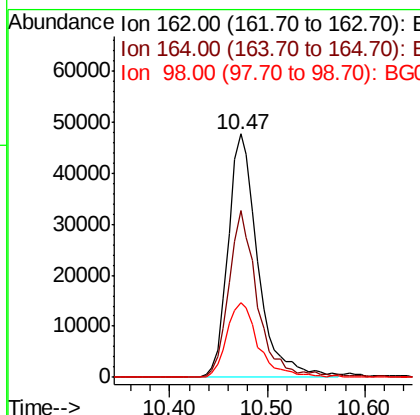
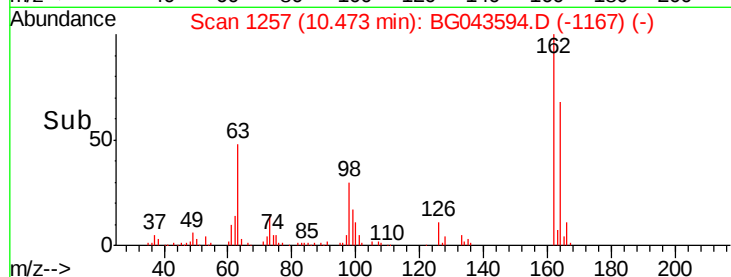
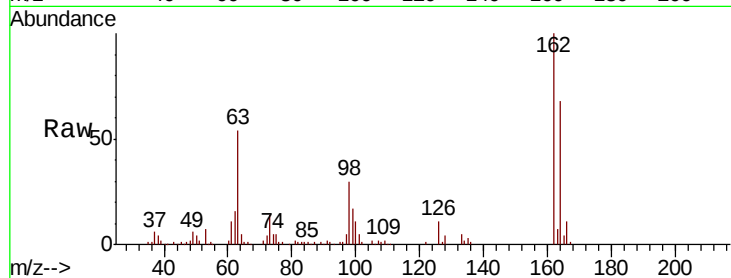




#29  
2,4-Dichlorophenol  
Concen: 48.438 ng  
RT: 10.47 min Scan# 1257  
Delta R.T. -0.00 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

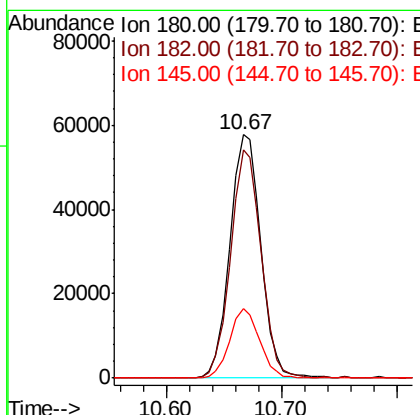
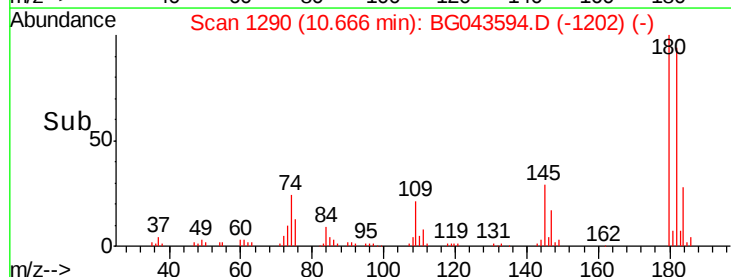
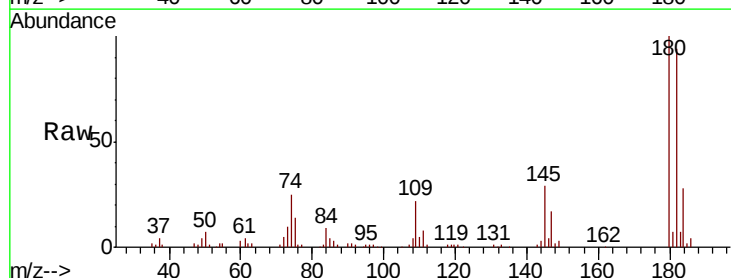
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

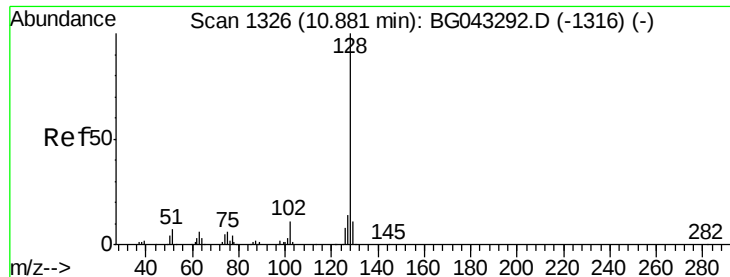
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 68.5  | 48.9  | 88.9  |
| 98      | 30.5  | 15.1  | 55.1  |



#30  
1,2,4-Trichlorobenzene  
Concen: 40.652 ng  
RT: 10.67 min Scan# 1290  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.9  | 75.1  | 112.7 |
| 145     | 28.6  | 23.9  | 35.9  |

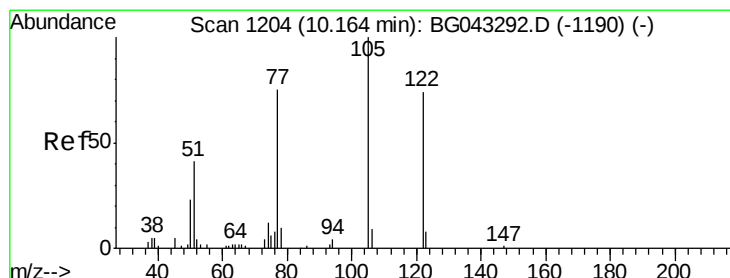
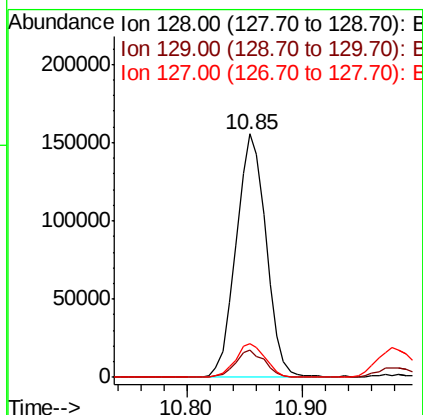
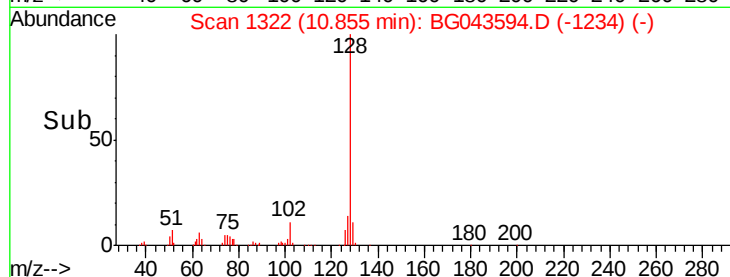
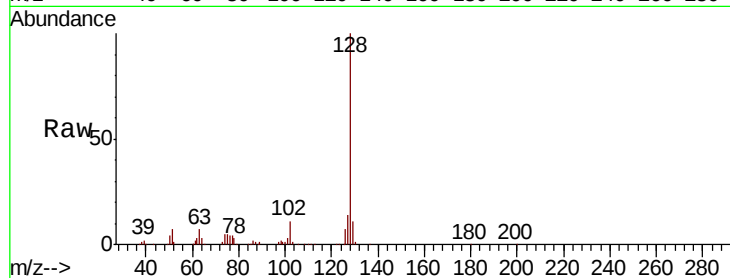




#31  
Naphthalene  
Concen: 43.331 ng  
RT: 10.85 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

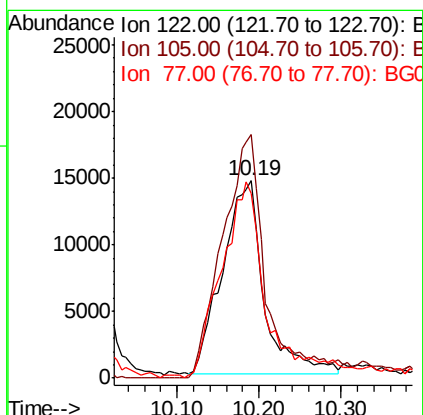
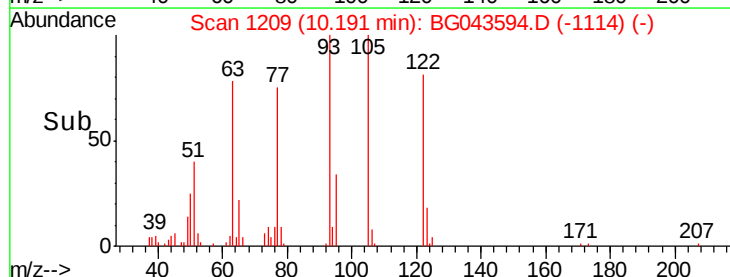
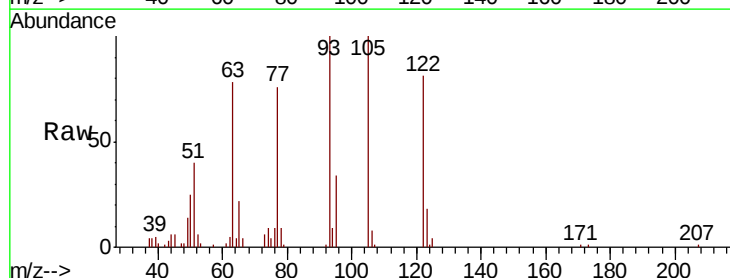
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

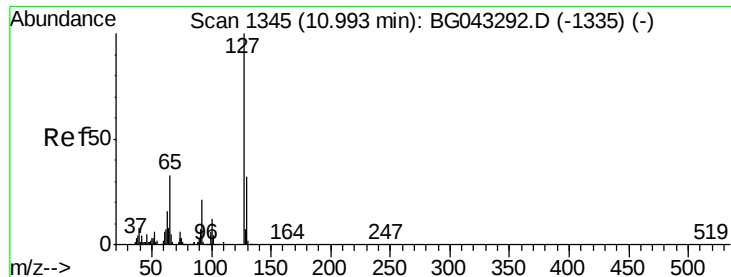
Tot Ion:128 Resp: 280311  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.4 14.0  
127 13.8 11.1 16.7



#32  
Benzoic acid  
Concen: 41.985 ng  
RT: 10.19 min Scan# 1209  
Delta R.T. 0.03 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Tgt Ion:122 Resp: 50500  
Ion Ratio Lower Upper  
122 100  
105 123.3 103.3 143.3  
77 93.4 84.9 124.9

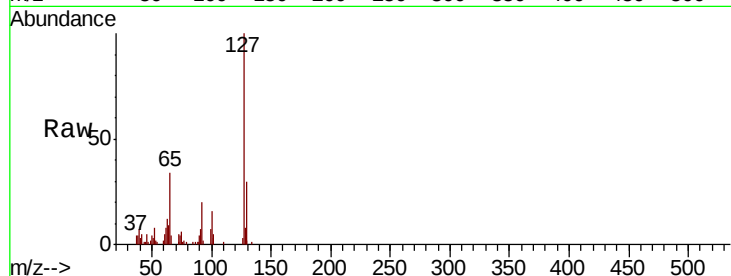




#33  
4-Chloroaniline  
Concen: 17.494 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.00 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 46389 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.3  | 26.5  | 39.7  |
| 65       | 34.0  | 26.4  | 39.6  |
| 92       | 20.0  | 16.2  | 24.2  |



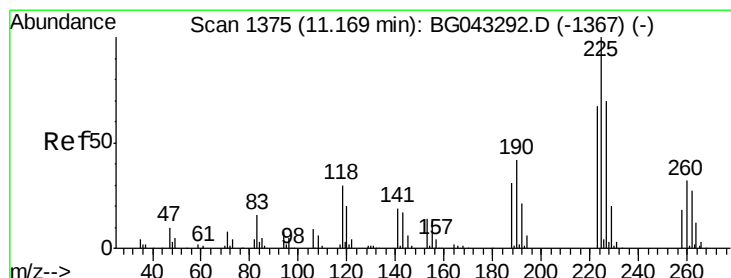
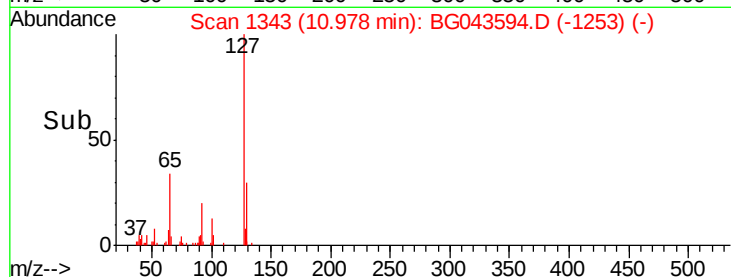
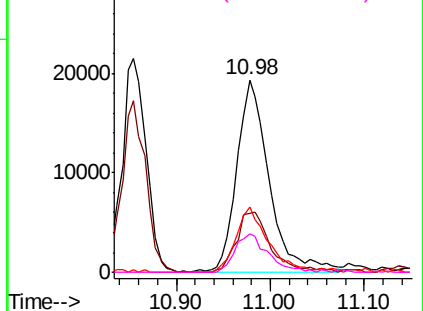
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

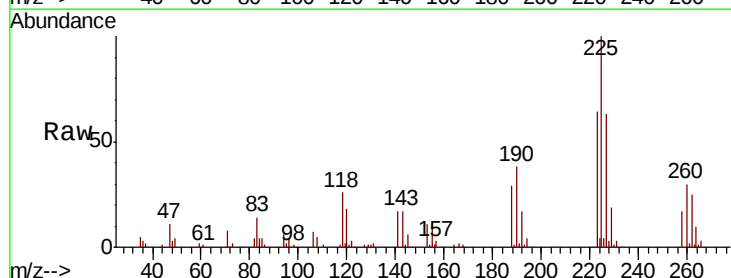
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 37.734 ng  
RT: 11.14 min Scan# 1371  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 73401 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.1  | 52.7  | 79.1  |
| 227      | 62.5  | 54.8  | 82.2  |

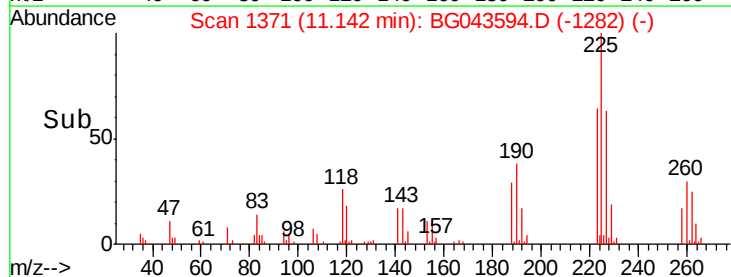
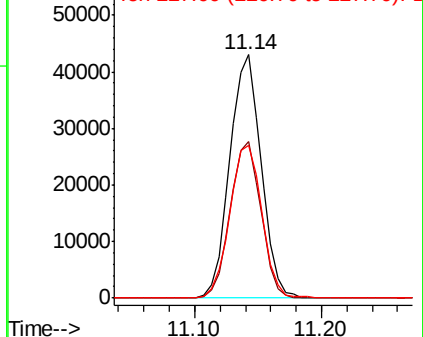


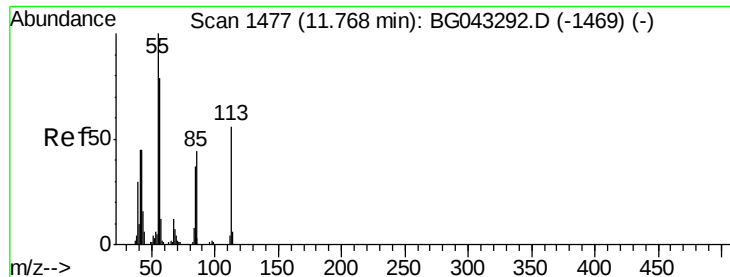
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.183 ng

RT: 11.75 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

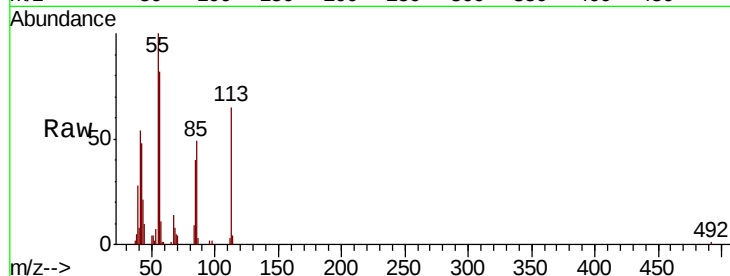
Tot Ion:113 Resp: 15951

Ion Ratio Lower Upper

113 100

55 153.1 134.1 174.1

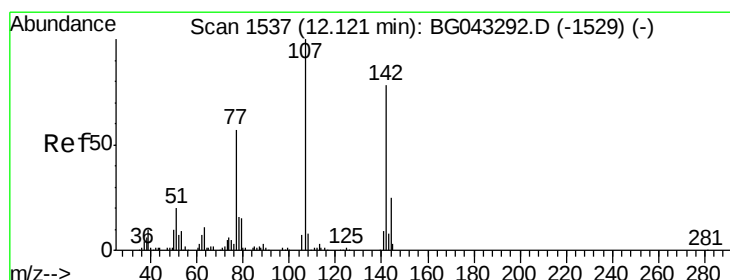
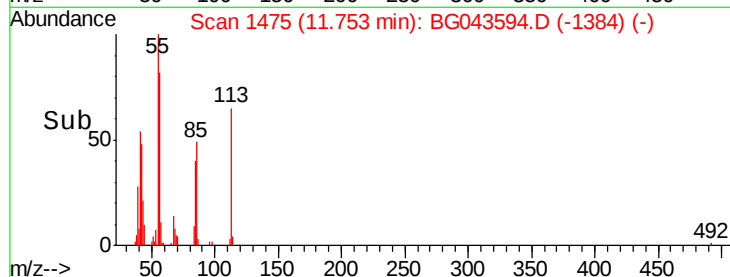
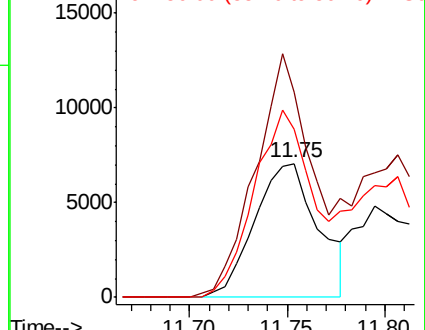
56 126.0 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG043292.D (-1469) (-)

Ion 56.00 (55.70 to 56.70): BG043292.D (-1469) (-)



#36

4-Chloro-3-methylphenol

Concen: 50.080 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

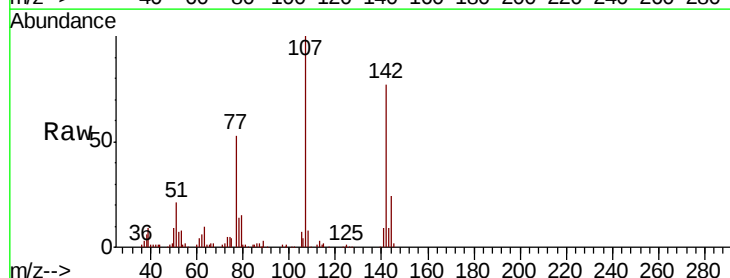
Tgt Ion:107 Resp: 114052

Ion Ratio Lower Upper

107 100

144 24.3 20.9 31.3

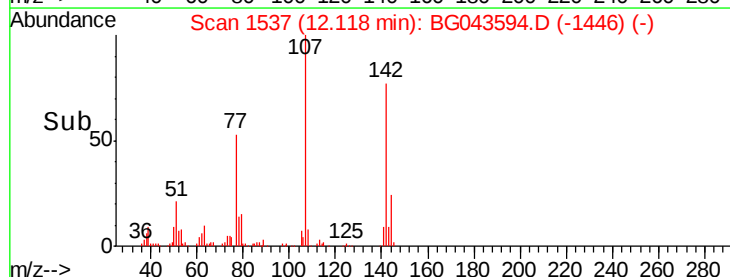
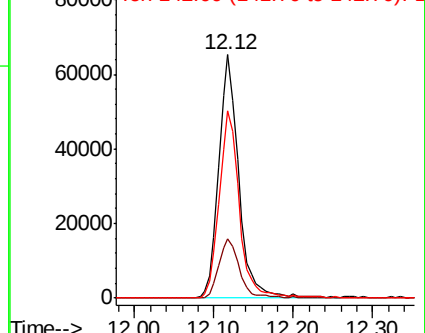
142 76.9 59.6 89.4

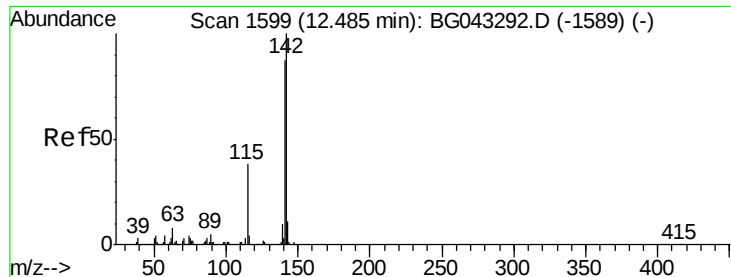


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

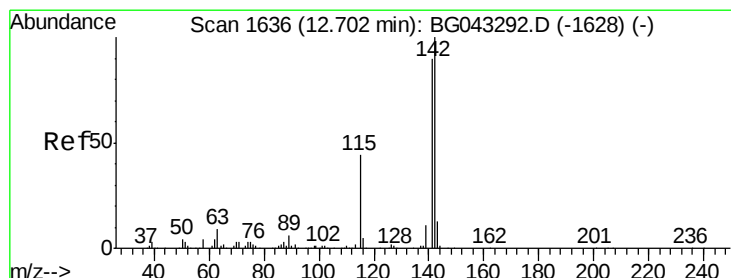
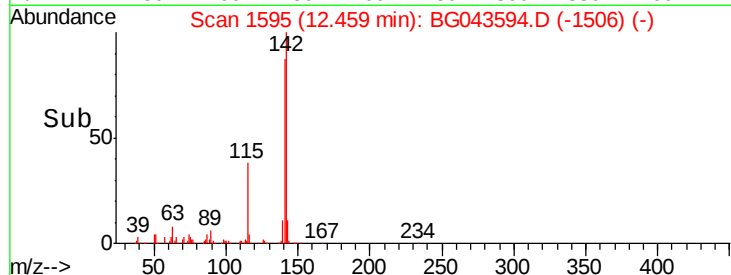
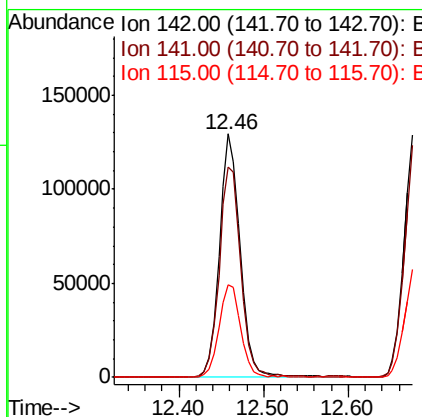
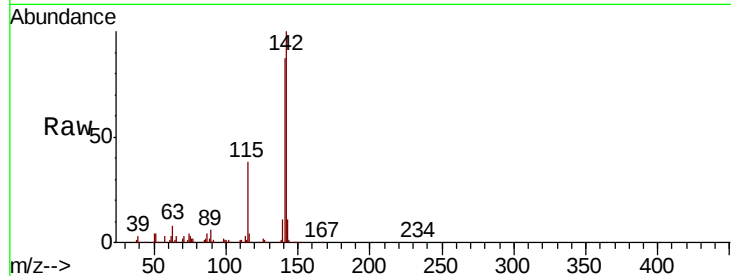




#37  
2-Methylnaphthalene  
Concen: 44.486 ng  
RT: 12.46 min Scan# 1595  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

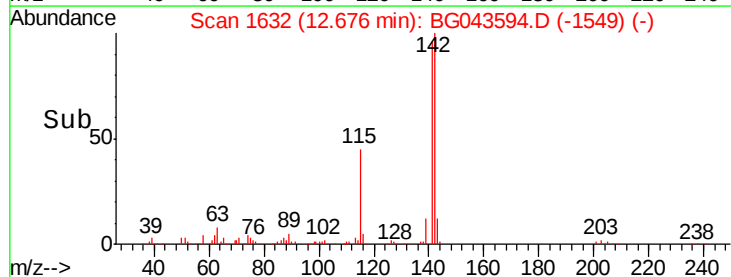
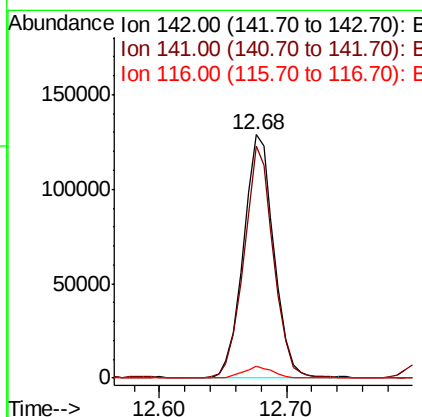
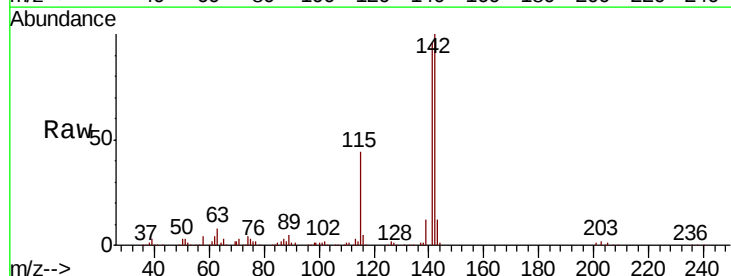
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

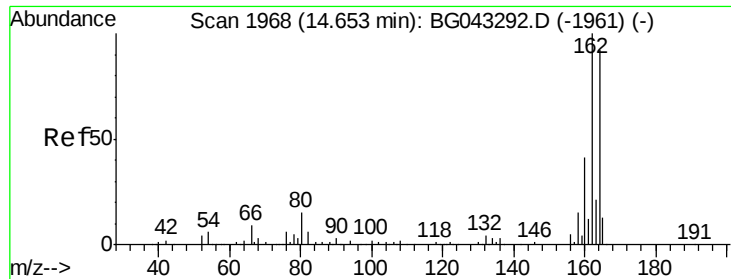
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.6  | 72.2  | 108.2 |
| 115     | 38.0  | 33.2  | 49.8  |



#38  
1-Methylnaphthalene  
Concen: 45.191 ng  
RT: 12.68 min Scan# 1632  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.6  | 73.2  | 109.8 |
| 116     | 4.8   | 3.6   | 5.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

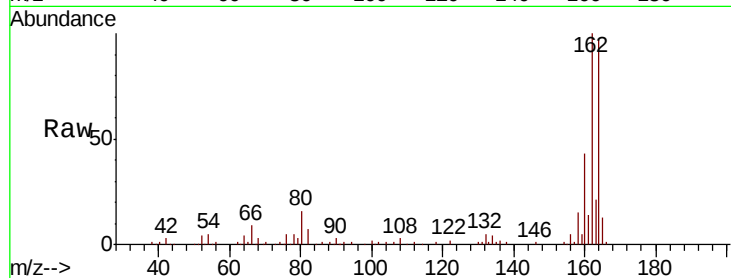
Tot Ion:164 Resp: 100781

Ion Ratio Lower Upper

164 100

162 103.2 83.5 125.3

160 44.7 36.5 54.7

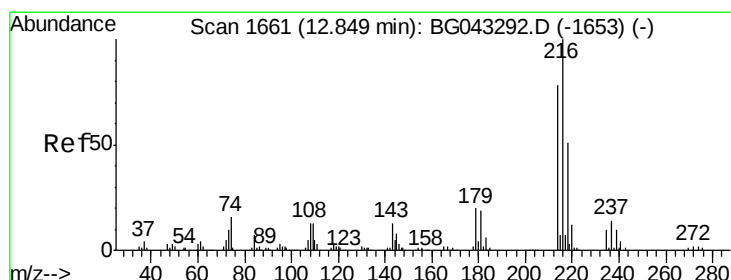
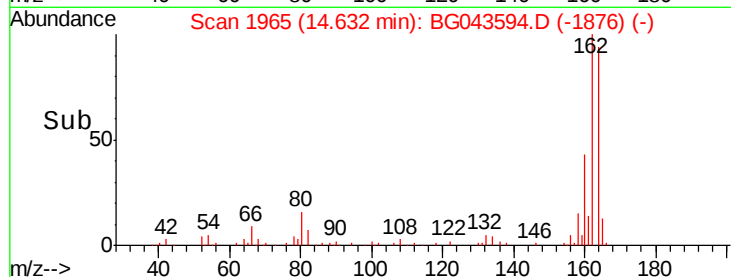
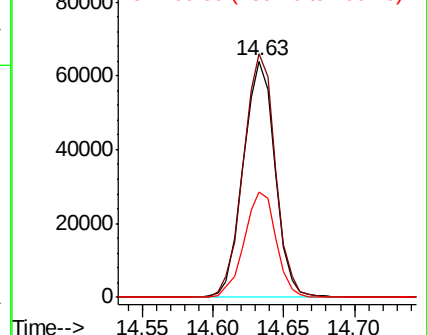


Abundance

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: 38.650 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Tgt Ion:216 Resp: 144154

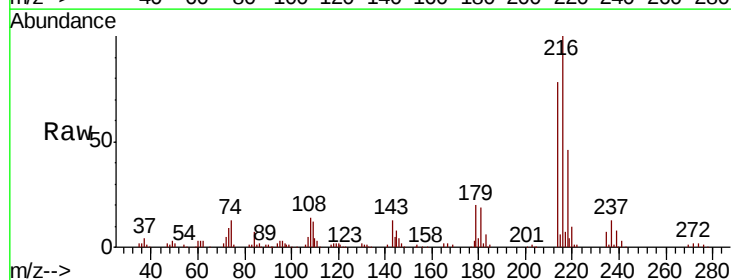
Ion Ratio Lower Upper

216 100

214 78.9 61.7 92.5

179 19.3 15.8 23.8

108 16.2 11.5 17.3



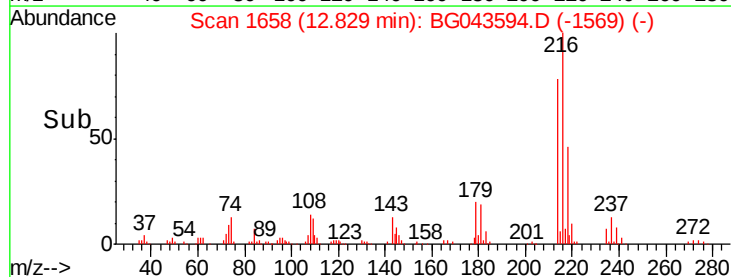
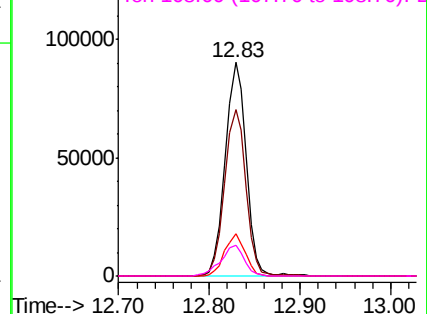
Abundance

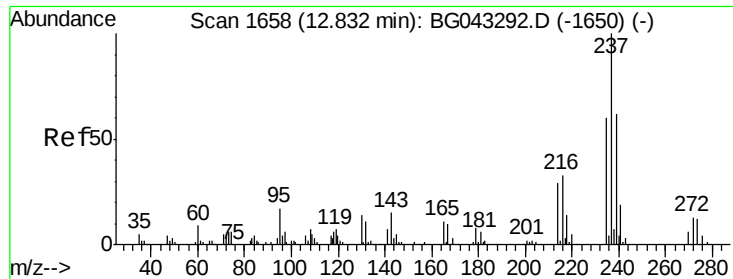
Ion 216.00 (215.70 to 216.70): E

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: 72.733 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

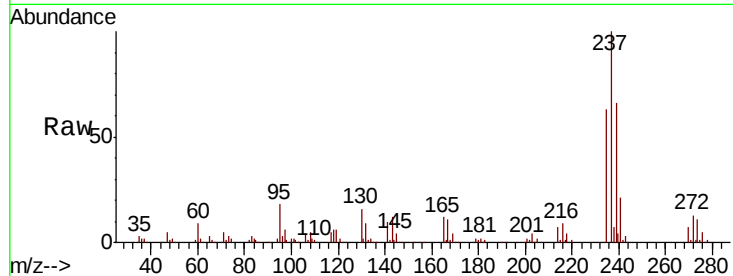
Tot Ion:237 Resp: 142503

Ion Ratio Lower Upper

237 100

235 62.9 41.6 81.6

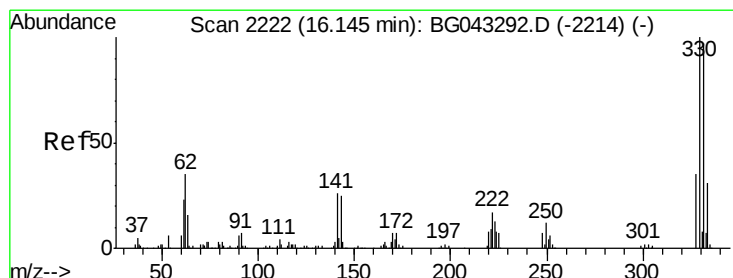
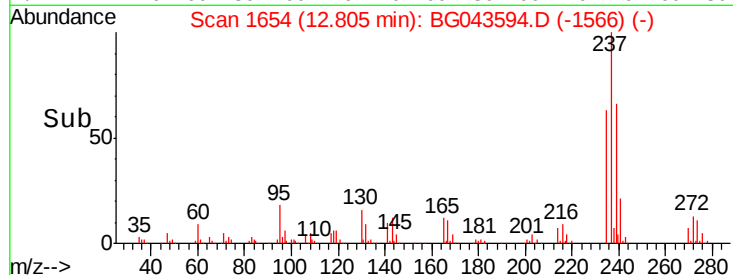
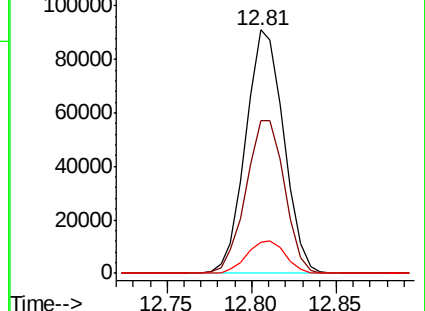
272 12.6 0.0 32.5



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: 100.029 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

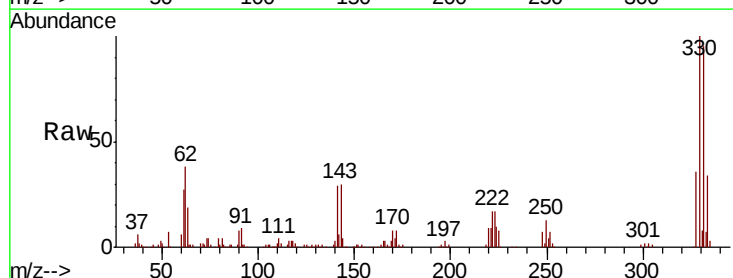
Tgt Ion:330 Resp: 191843

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

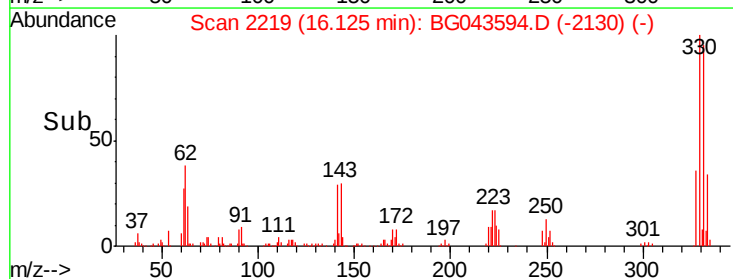
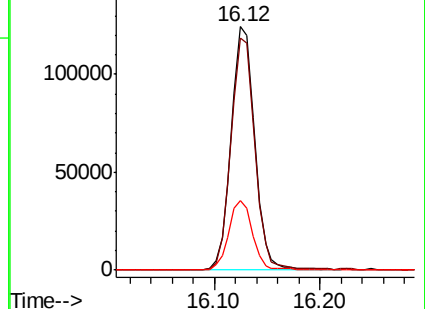
141 28.7 22.8 34.2

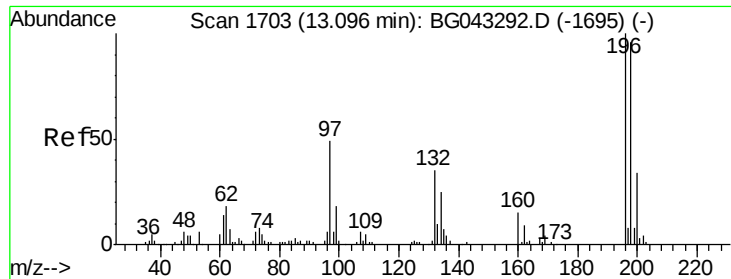


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

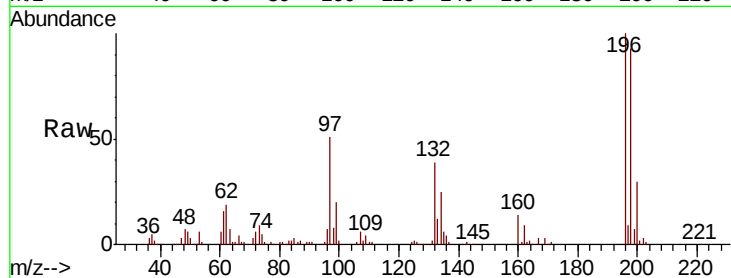




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.834 ng  
 RT: 13.08 min Scan# 1700  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMS

Tot Ion:196 Resp: 94084  
 Ion Ratio Lower Upper  
 196 100  
 198 92.9 75.8 113.6  
 200 30.5 23.9 35.9

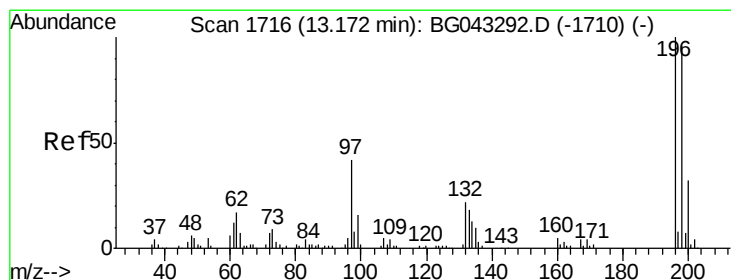
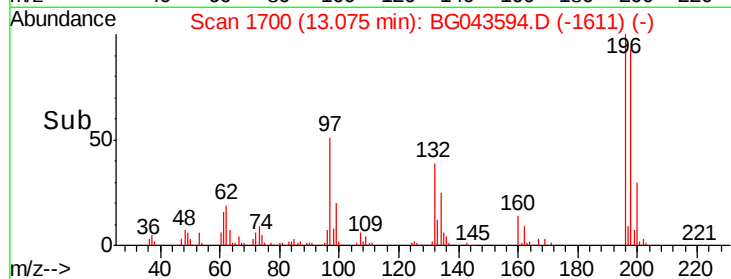
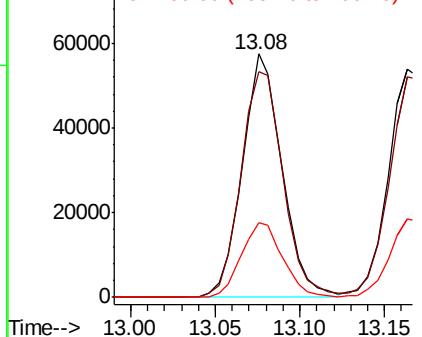


Abundance

Ion 196.00 (195.70 to 196.70): E

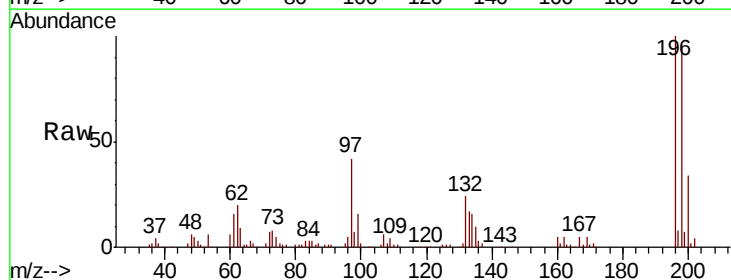
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.233 ng  
 RT: 13.16 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

Tgt Ion:196 Resp: 104886  
 Ion Ratio Lower Upper  
 196 100  
 198 96.3 74.5 111.7  
 97 41.6 36.3 54.5  
 132 24.2 17.4 26.2



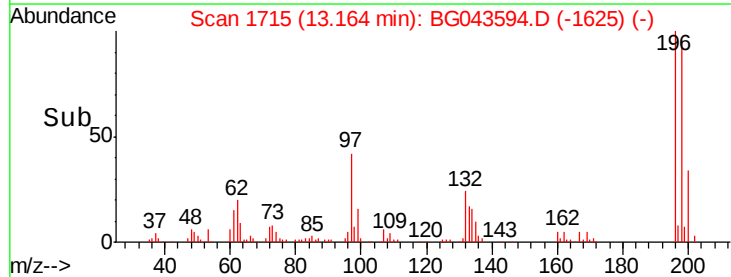
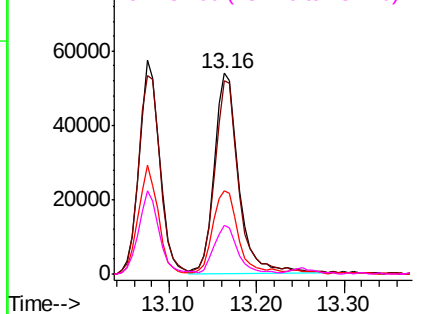
Abundance

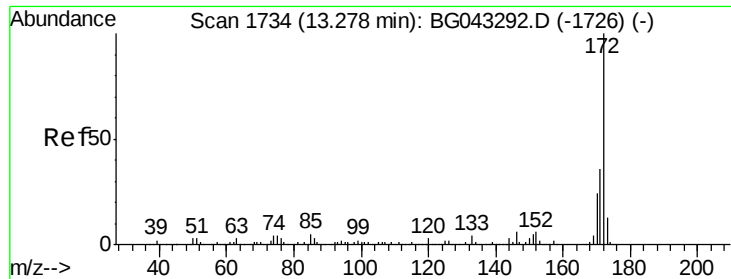
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

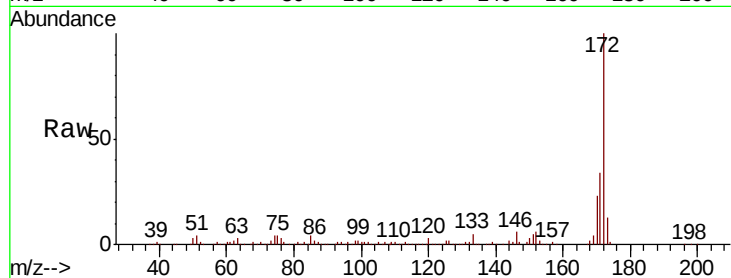




#45  
 2-Fluorobiphenyl  
 Concen: 67.514 ng  
 RT: 13.25 min Scan# 1730  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.8  | 28.9  | 43.3  |
| 170     | 22.7  | 18.5  | 27.7  |

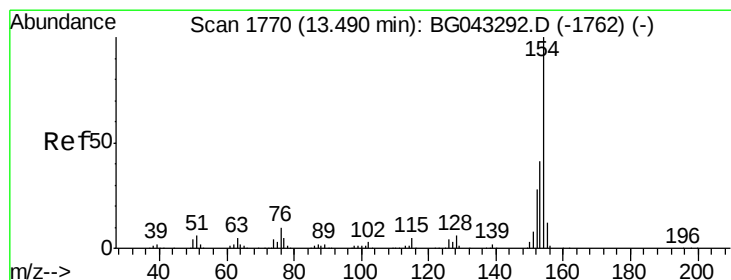
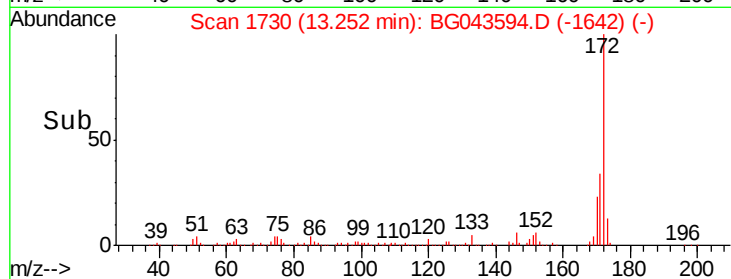
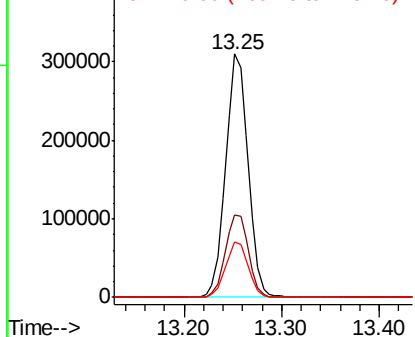


Abundance

Ion 172.00 (171.70 to 172.70): E

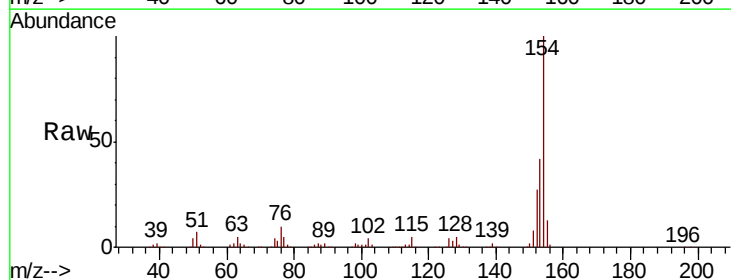
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
 1,1'-Biphenyl  
 Concen: 40.375 ng  
 RT: 13.46 min Scan# 1766  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.8  | 19.9  | 59.9  |
| 76      | 9.8   | 0.0   | 29.4  |

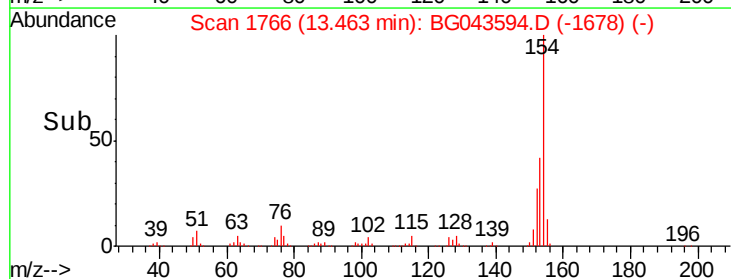
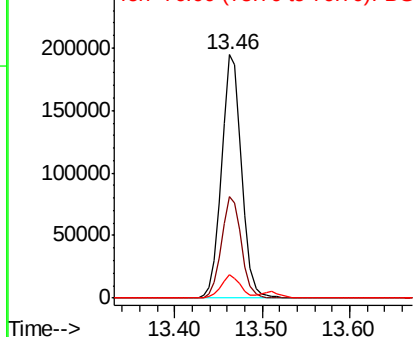


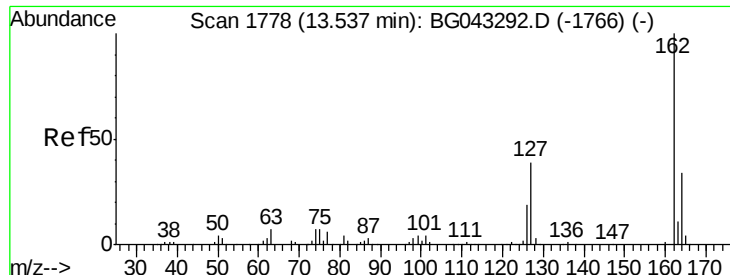
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

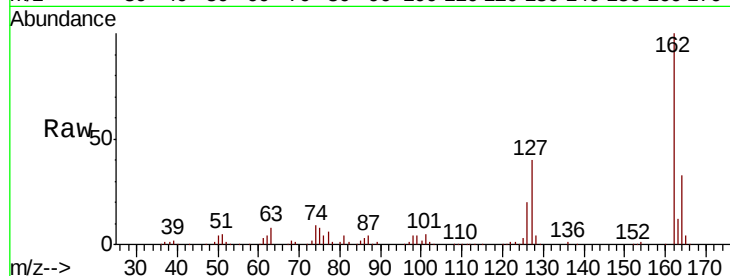




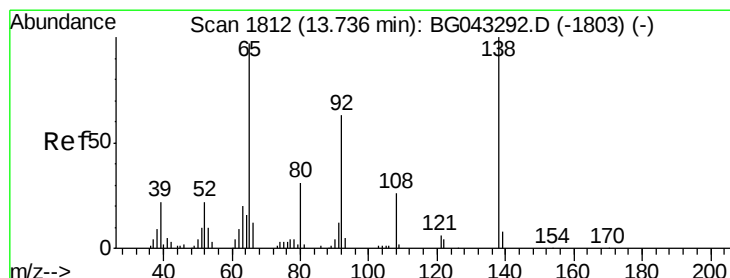
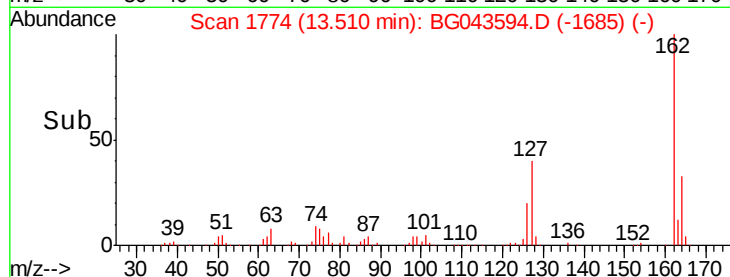
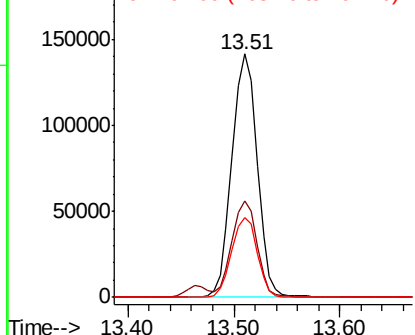
#47  
2-Chloronaphthalene  
Concen: 40.245 ng  
RT: 13.51 min Scan# 1774  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

Tot Ion:162 Resp: 234768  
Ion Ratio Lower Upper  
162 100  
127 39.7 31.2 46.8  
164 33.0 25.8 38.8

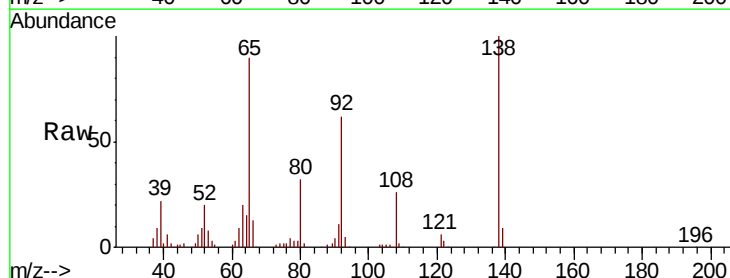


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

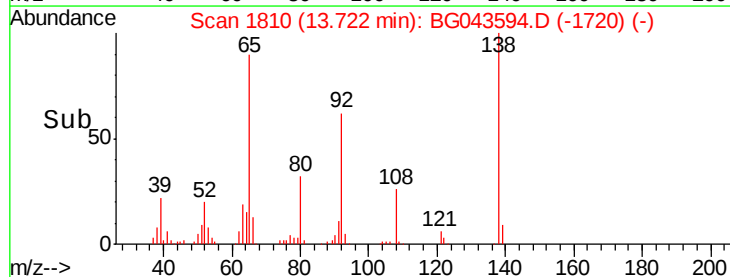
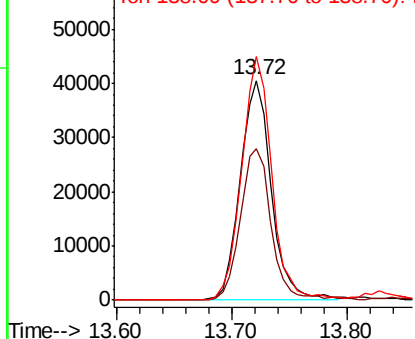


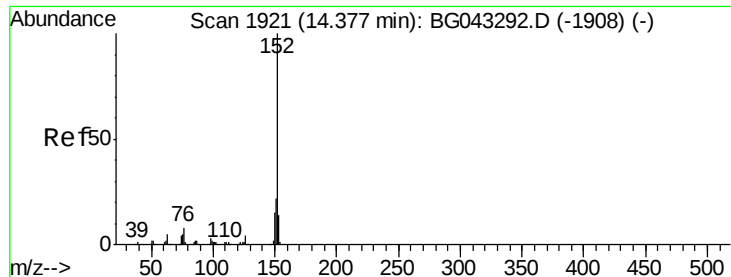
#48  
2-Nitroaniline  
Concen: 43.291 ng  
RT: 13.72 min Scan# 1810  
Delta R.T. -0.00 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Tgt Ion: 65 Resp: 75479  
Ion Ratio Lower Upper  
65 100  
92 69.0 56.2 84.2  
138 110.8 82.6 123.8



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





#49

Acenaphthylene

Concen: 44.436 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

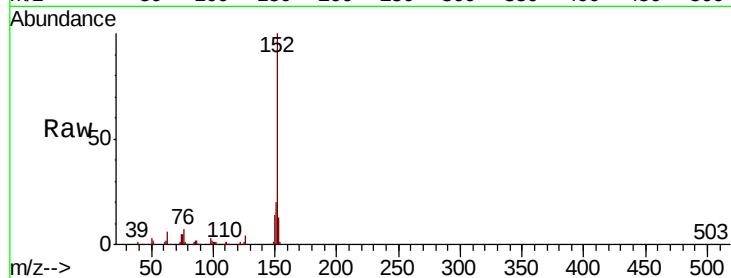
Tot Ion:152 Resp: 403432

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

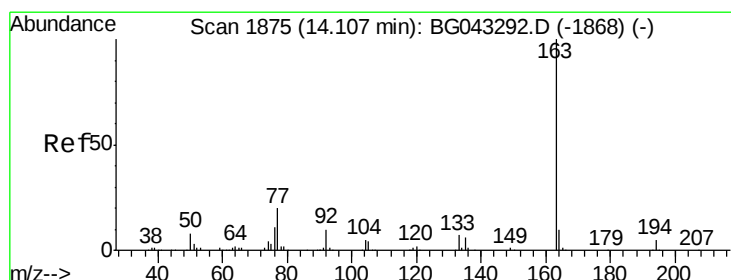
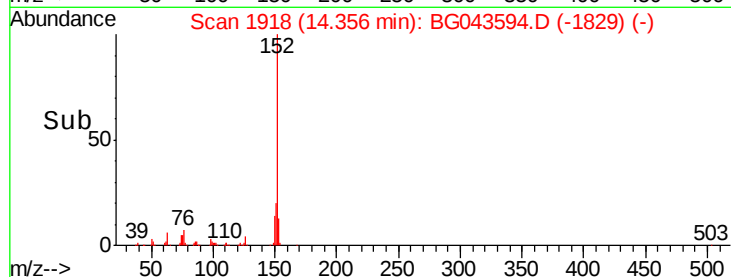
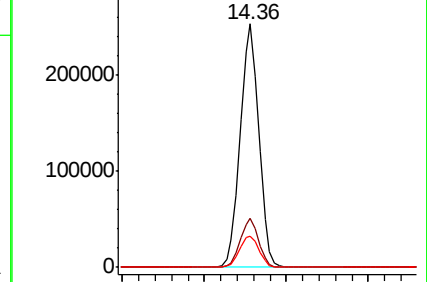
153 12.7 10.6 15.8



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: 47.649 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

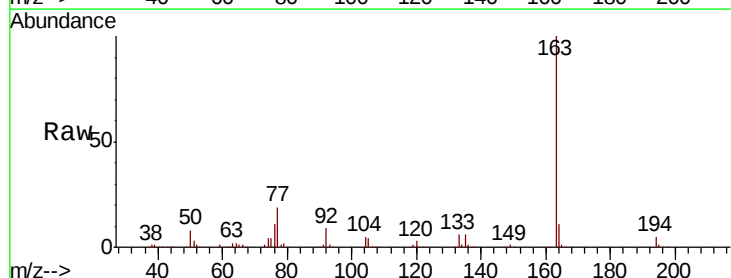
Tgt Ion:163 Resp: 371956

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

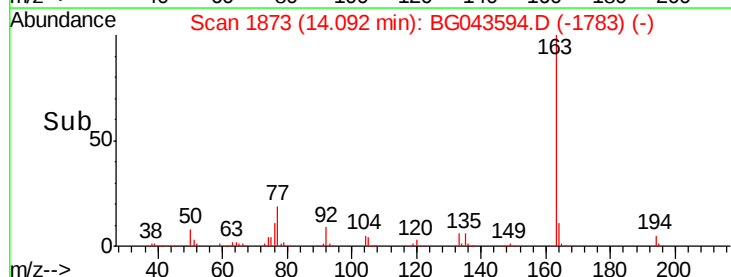
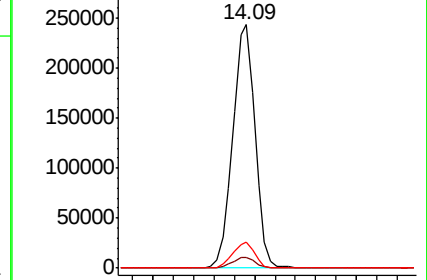
164 10.8 8.9 13.3

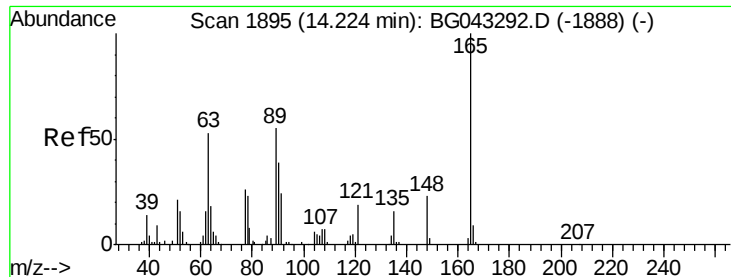


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

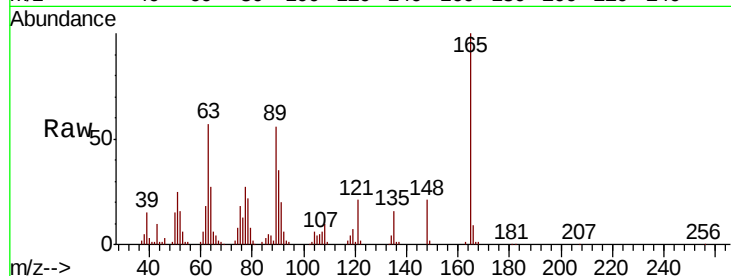




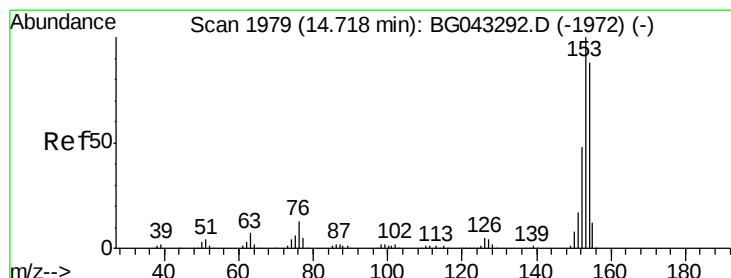
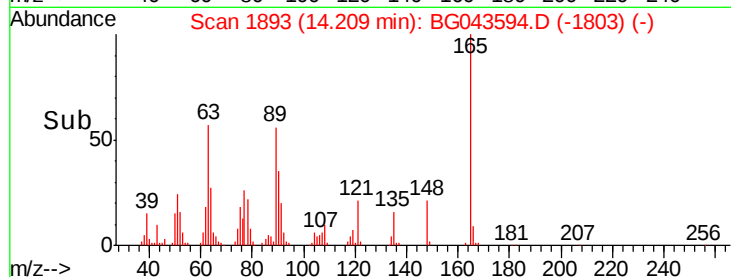
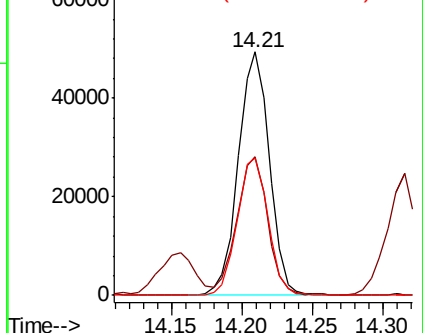
#51  
 2,6-Dinitrotoluene  
 Concen: 44.927 ng  
 RT: 14.21 min Scan# 1893  
 Delta R.T. -0.00 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMS

Tot Ion:165 Resp: 76190  
 Ion Ratio Lower Upper  
 165 100  
 63 57.1 46.6 69.8  
 89 56.5 45.1 67.7

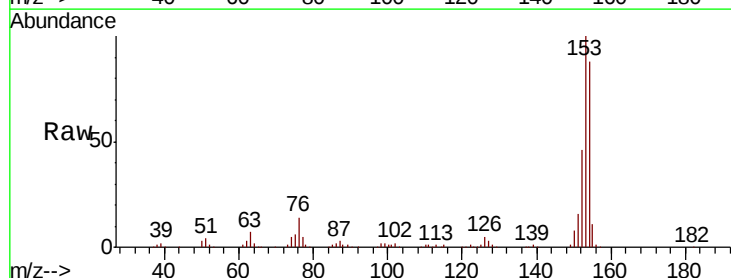


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

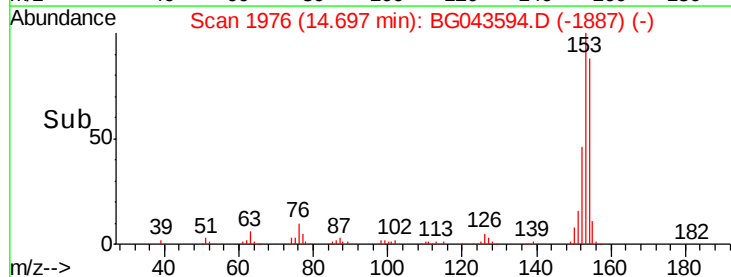
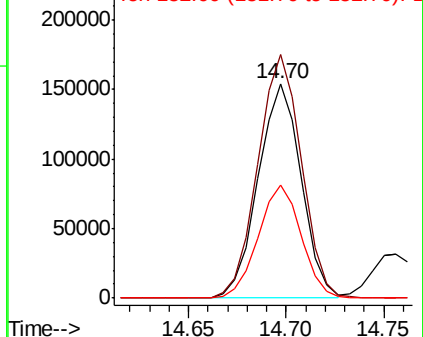


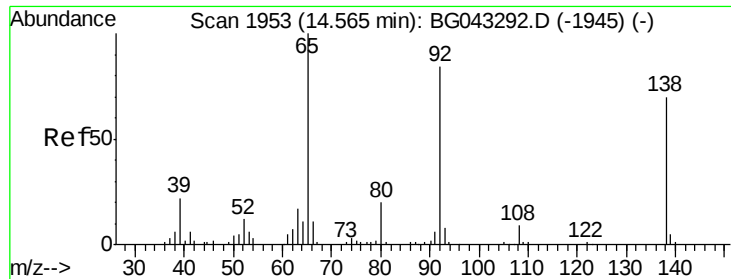
#52  
 Acenaphthene  
 Concen: 42.485 ng  
 RT: 14.70 min Scan# 1976  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

Tgt Ion:154 Resp: 235226  
 Ion Ratio Lower Upper  
 154 100  
 153 113.5 88.2 132.2  
 152 52.5 40.0 60.0



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

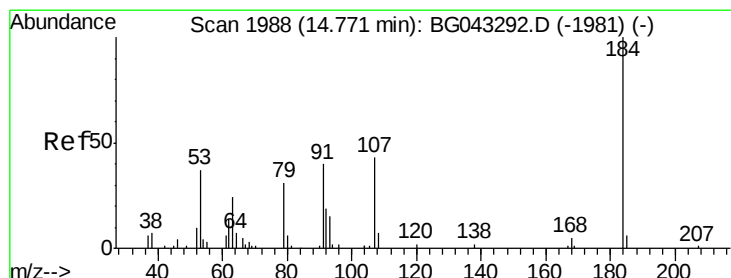
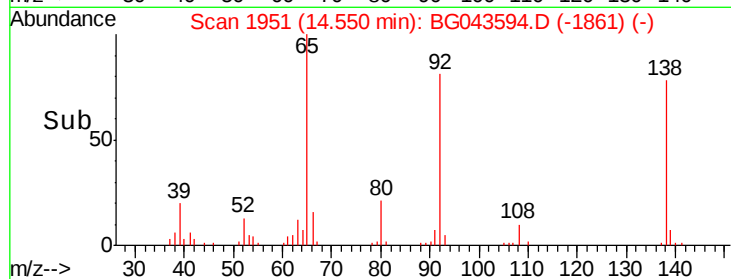
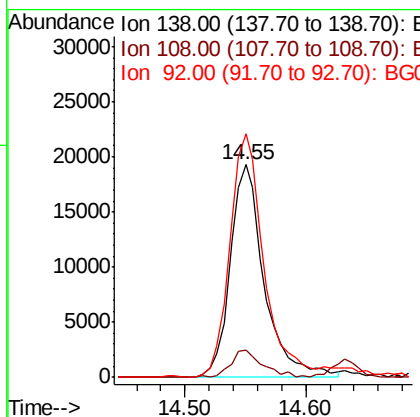
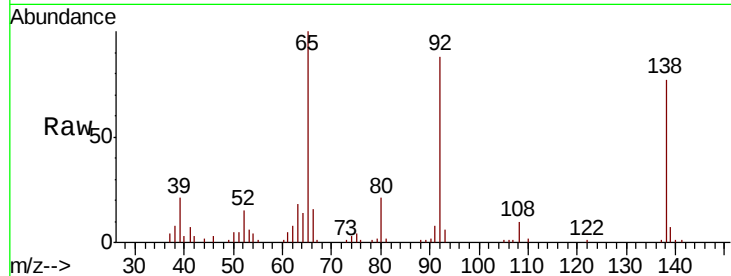




#53  
3-Nitroaniline  
Concen: 23.015 ng  
RT: 14.55 min Scan# 1951  
Delta R.T. -0.00 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

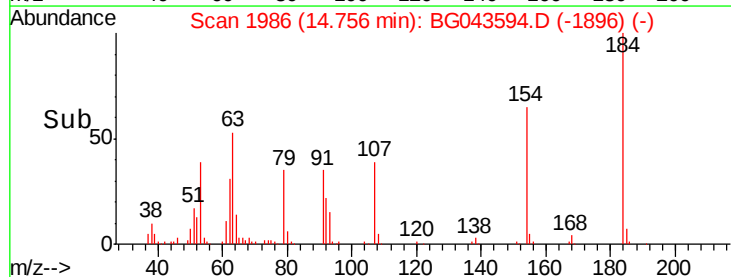
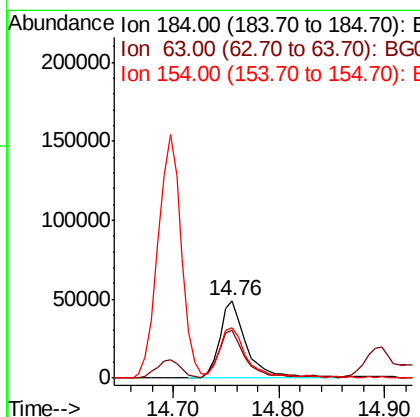
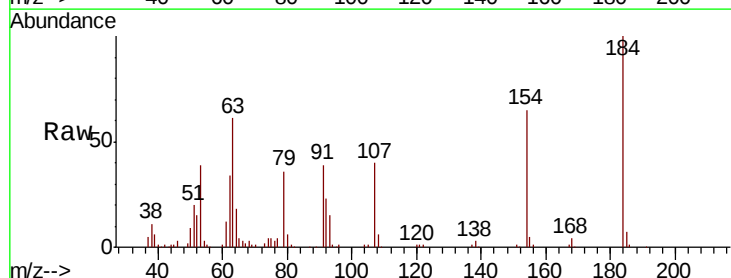
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

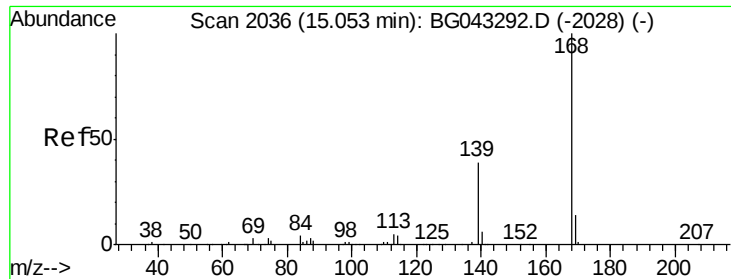
Tot Ion:138 Resp: 37683  
Ion Ratio Lower Upper  
138 100  
108 12.8 8.0 12.0#  
92 114.5 90.9 136.3



#54  
2,4-Dinitrophenol  
Concen: 81.609 ng  
RT: 14.76 min Scan# 1986  
Delta R.T. -0.00 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Tgt Ion:184 Resp: 86594  
Ion Ratio Lower Upper  
184 100  
63 60.8 51.3 76.9  
154 64.7 55.4 83.0

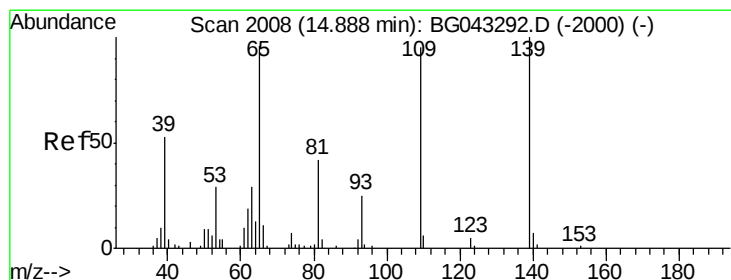
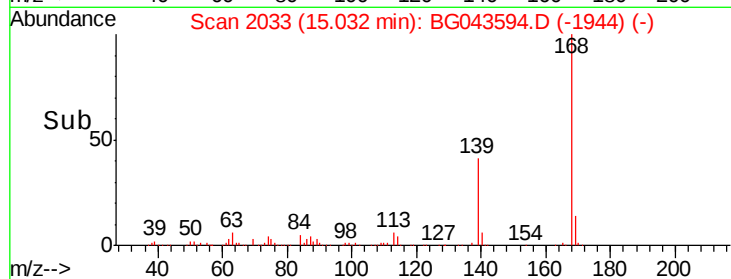
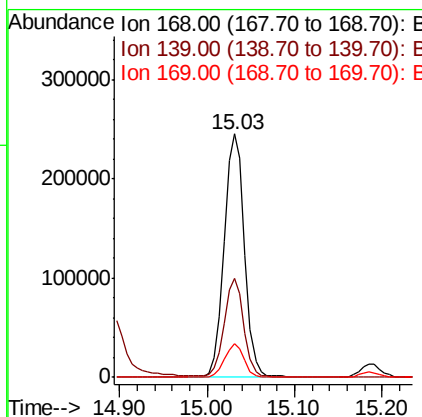
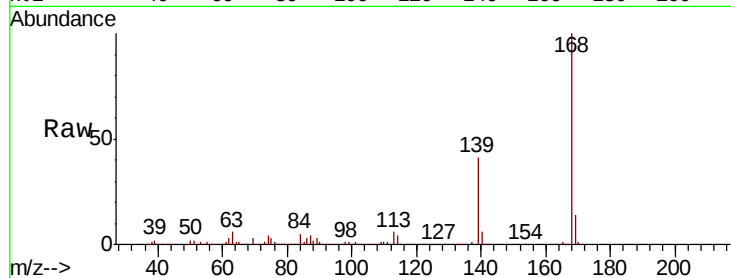




#55  
Dibenzofuran  
Concen: 43.708 ng  
RT: 15.03 min Scan# 2033  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

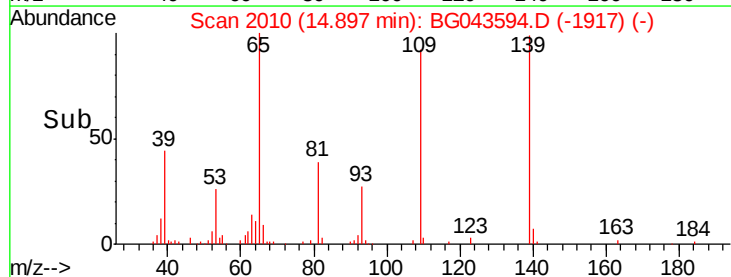
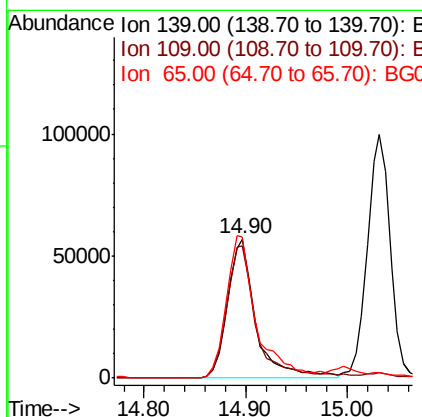
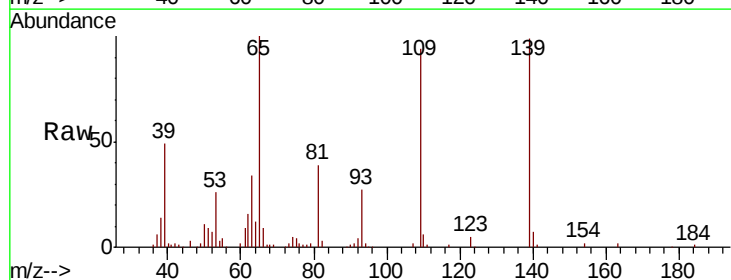
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

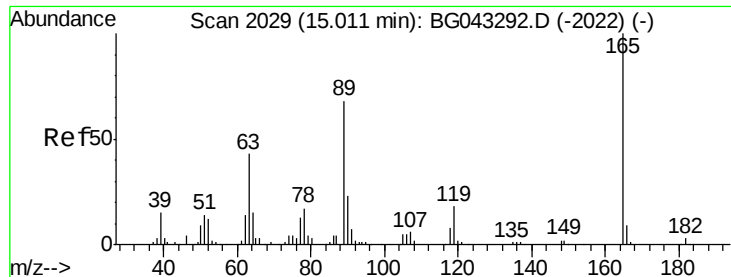
Tot Ion:168 Resp: 392437  
Ion Ratio Lower Upper  
168 100  
139 40.6 31.0 46.6  
169 13.9 11.7 17.5



#56  
4-Nitrophenol  
Concen: 100.422 ng  
RT: 14.90 min Scan# 2010  
Delta R.T. 0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Tgt Ion:139 Resp: 110186  
Ion Ratio Lower Upper  
139 100  
109 94.8 87.2 127.2  
65 101.3 83.8 123.8

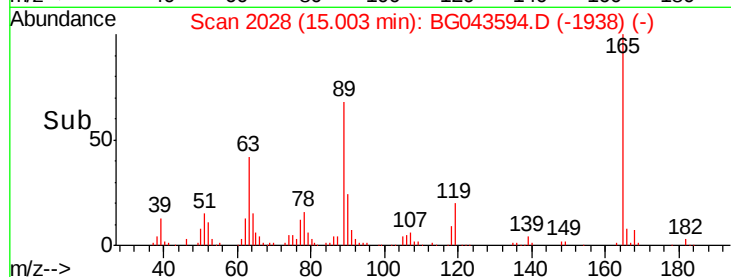
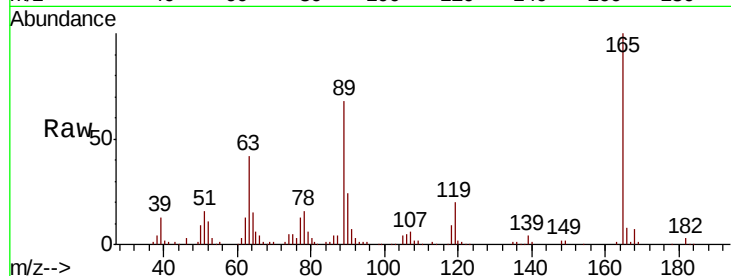




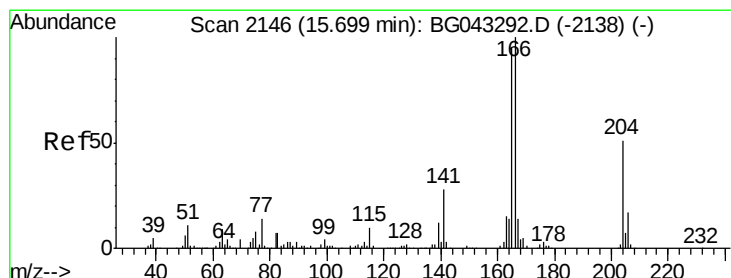
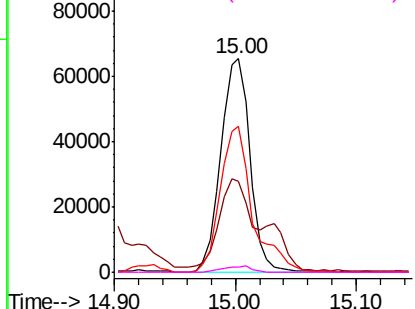
#57  
2,4-Dinitrotoluene  
Concen: 45.248 ng  
RT: 15.00 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 165     | 100  |       |       |       |
| 63      | 42.5 | 33.2  | 49.8  |       |
| 89      | 68.5 | 52.2  | 78.4  |       |
| 182     | 2.5  | 2.0   | 3.0   |       |

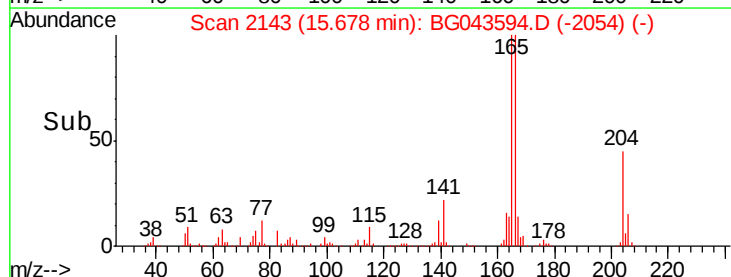
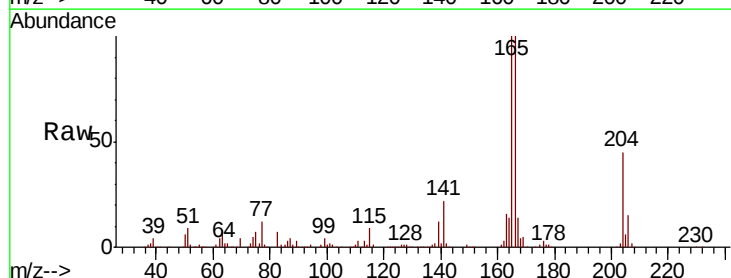


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG  
Ion 182.00 (181.70 to 182.70): E

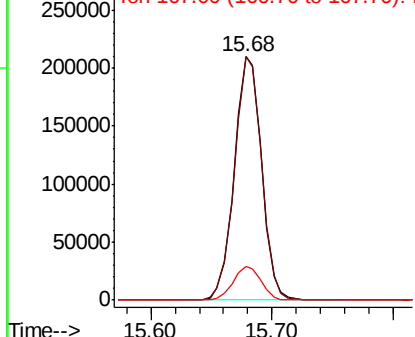


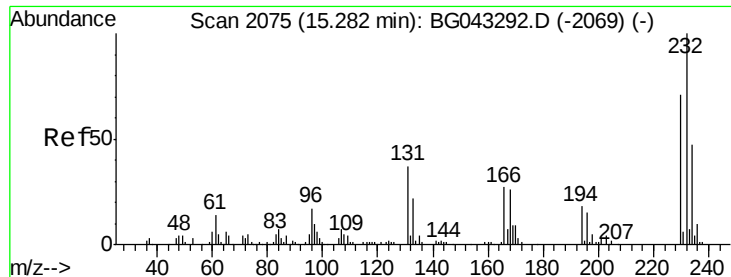
#58  
Fluorene  
Concen: 43.794 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 166     | 100  |       |       |       |
| 165     | 99.9 | 79.0  | 118.6 |       |
| 167     | 13.6 | 10.5  | 15.7  |       |



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

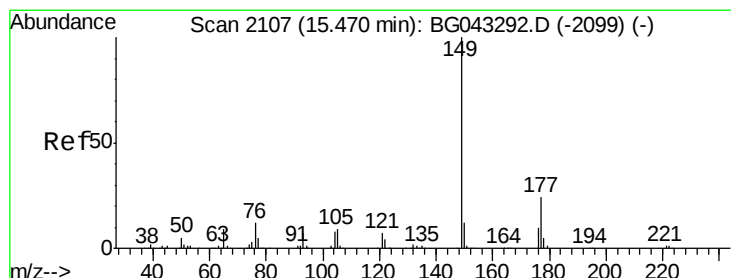
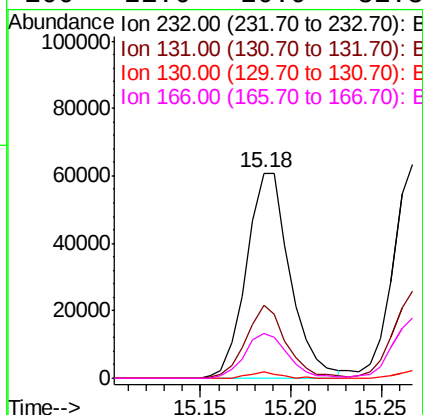
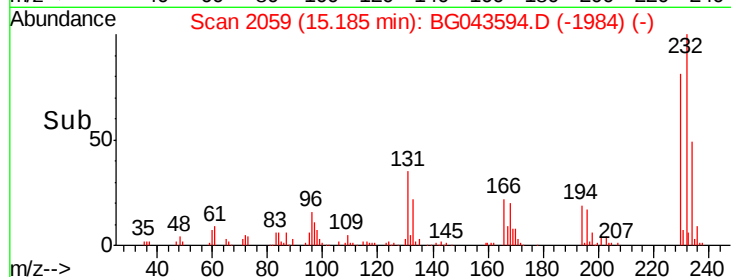
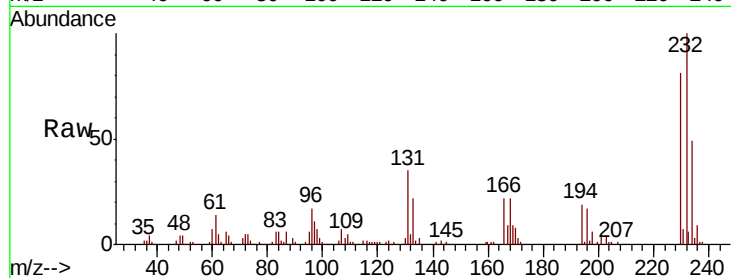




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.201 ng  
RT: 15.18 min Scan# 2059  
Delta R.T. -0.09 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

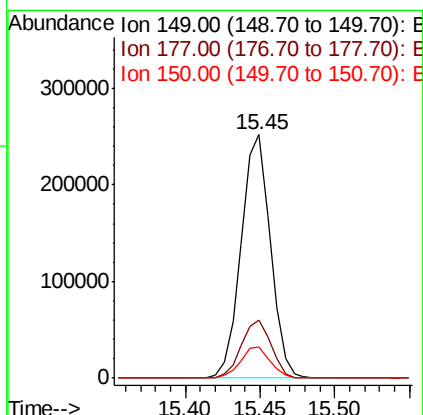
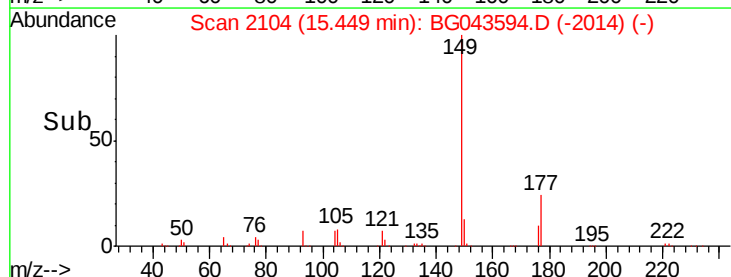
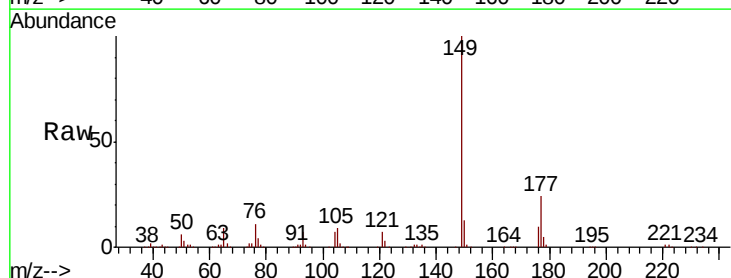
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

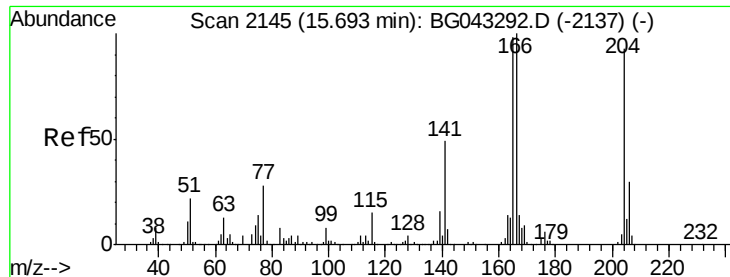
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 101925 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 32.8  | 26.9  | 40.3   |
| 130      | 1.9   | 1.8   | 2.6    |
| 166      | 21.6  | 20.9  | 31.3   |



#60  
Diethylphthalate  
Concen: 43.581 ng  
RT: 15.45 min Scan# 2104  
Delta R.T. -0.00 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 341832 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.0  | 19.6  | 29.4   |
| 150      | 12.7  | 10.8  | 16.2   |

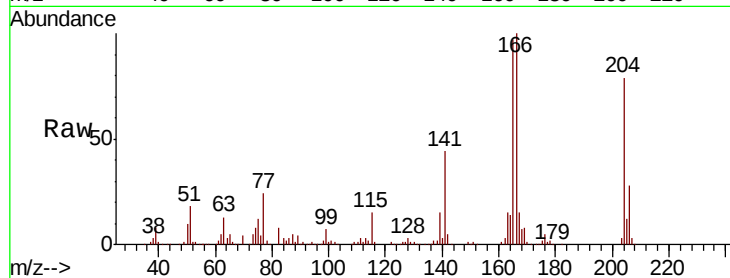




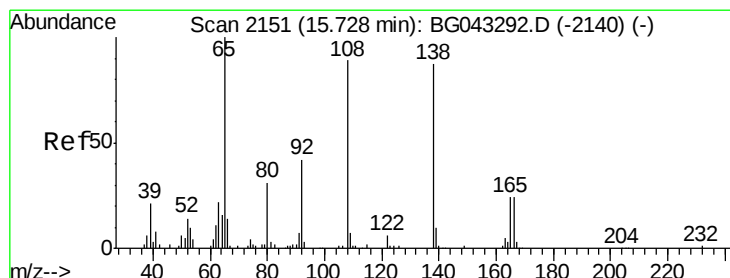
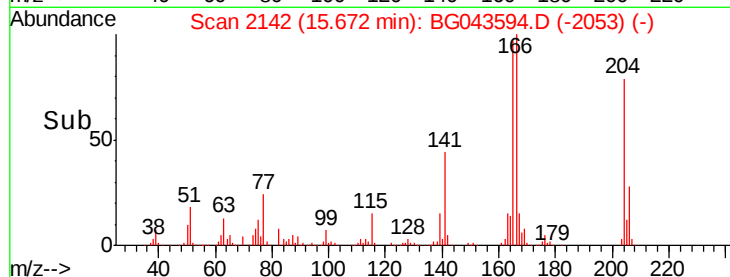
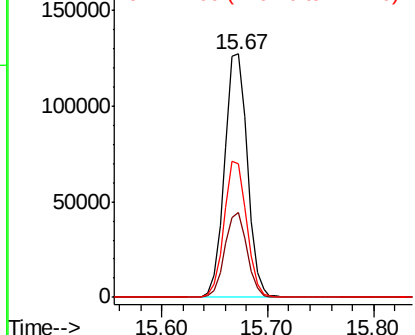
#61  
4-Chlorophenyl-phenylether  
Concen: 43.350 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

Tot Ion:204 Resp: 190442  
Ion Ratio Lower Upper  
204 100  
206 34.8 28.4 42.6  
141 55.0 43.0 64.6

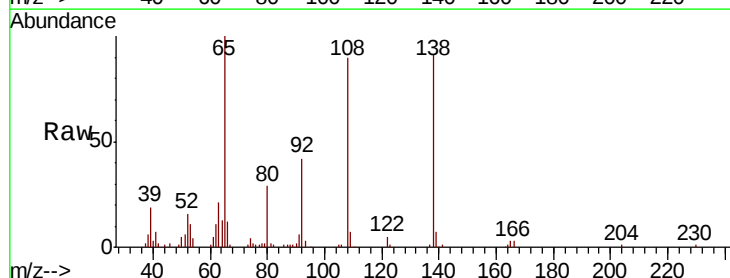


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

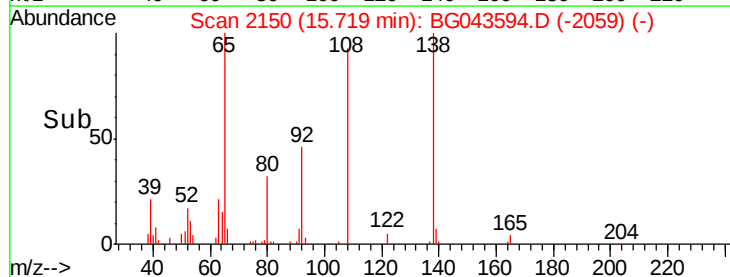
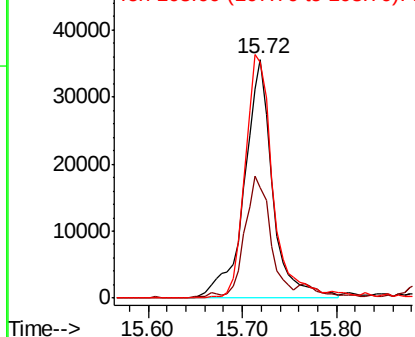


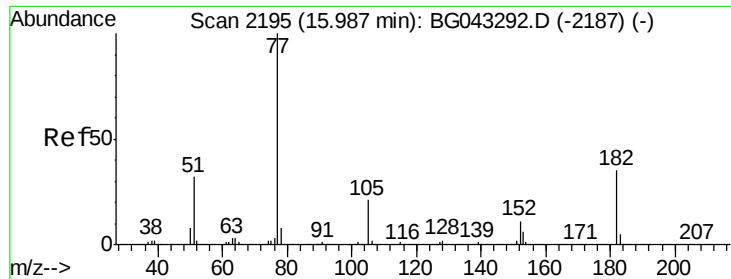
#62  
4-Nitroaniline  
Concen: 43.693 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. 0.00 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Tgt Ion:138 Resp: 73883  
Ion Ratio Lower Upper  
138 100  
92 46.2 33.4 73.4  
108 98.9 78.0 118.0



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

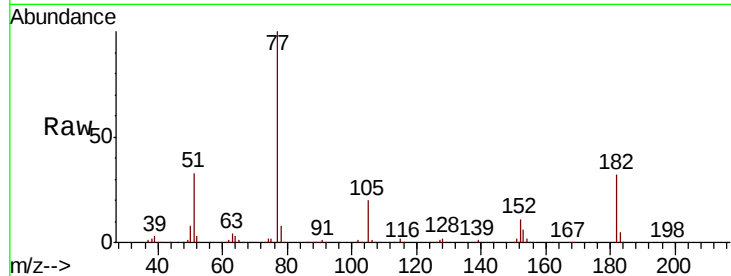




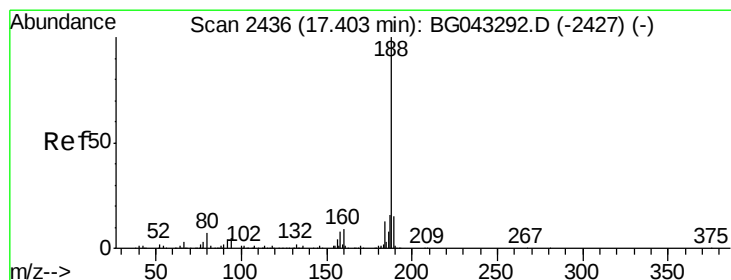
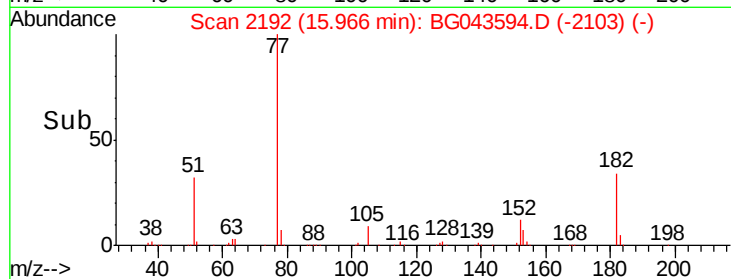
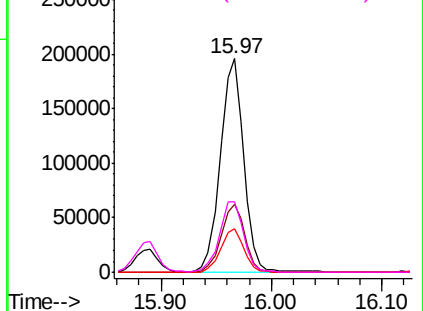
#63  
Azobenzene  
Concen: 45.094 ng  
RT: 15.97 min Scan# 2192  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 286256 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 31.9  | 13.7  | 53.7   |
| 105      | 20.2  | 0.4   | 40.4   |
| 51       | 33.2  | 11.0  | 51.0   |

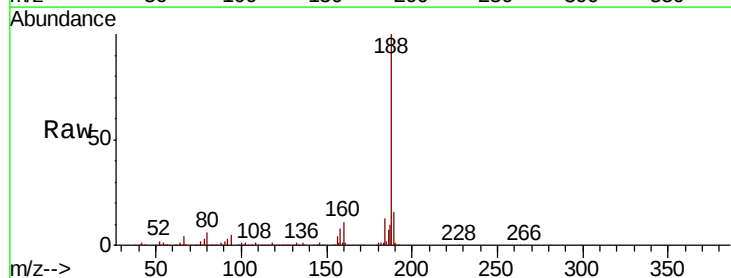


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

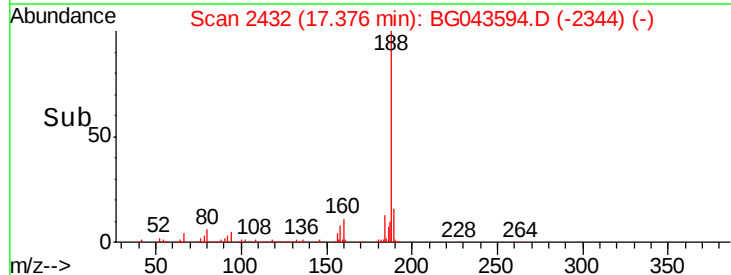
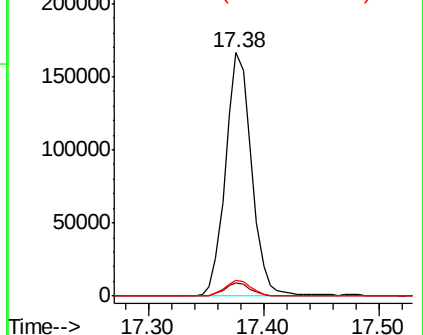


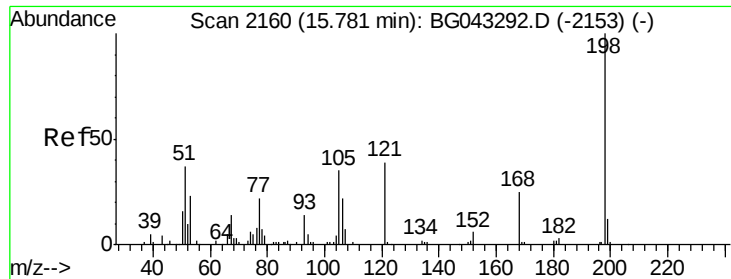
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.38 min Scan# 2432  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 261137 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 5.4   | 4.2   | 6.4    |
| 80       | 6.5   | 4.5   | 6.7    |



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: 44.787 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

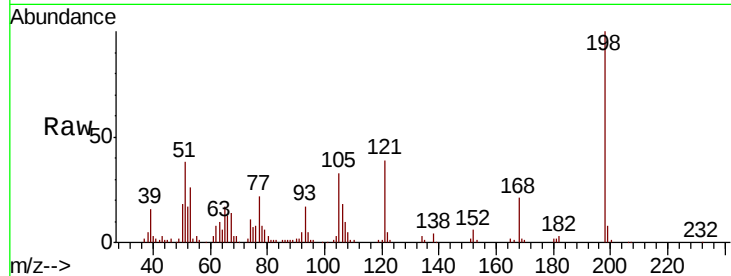
BNA\_G

ClientSampleId :

TP-2A-COMPMS

Tot Ion:198 Resp: 68829

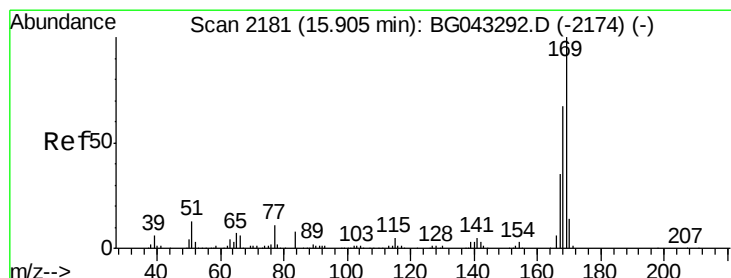
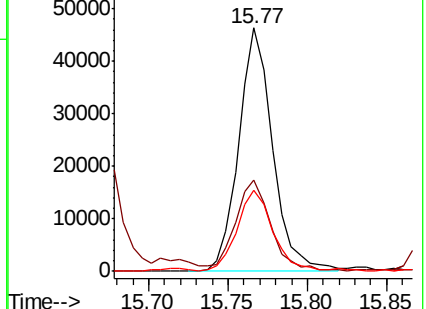
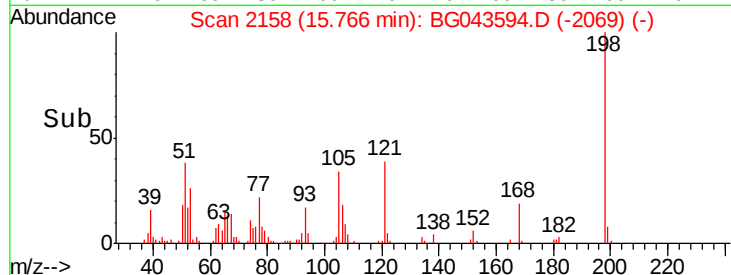
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 37.6  | 13.2  | 53.2  |
| 105 | 33.4  | 15.8  | 55.8  |



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: 41.246 ng

RT: 15.89 min Scan# 2179

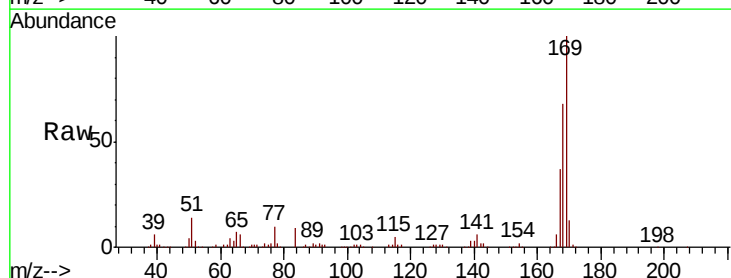
Delta R.T. -0.00 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Tgt Ion:169 Resp: 304088

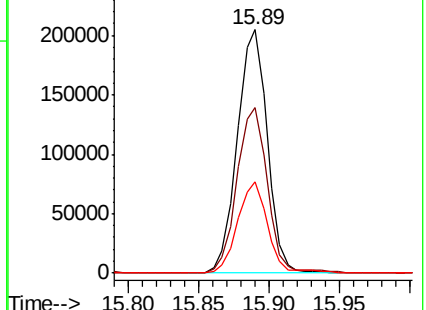
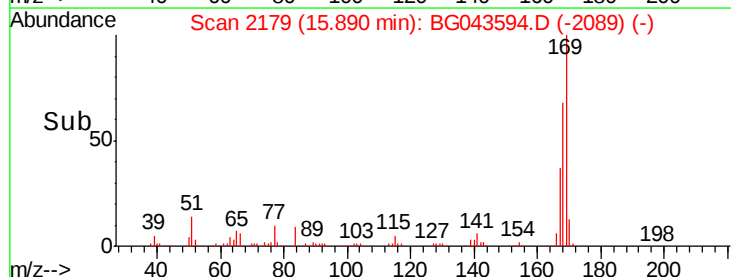
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 68.2  | 53.8  | 80.6  |
| 167 | 37.4  | 27.5  | 41.3  |

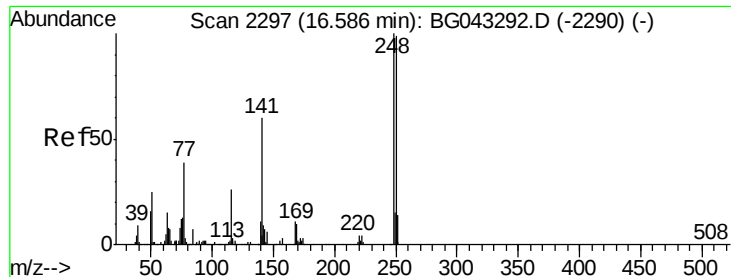


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

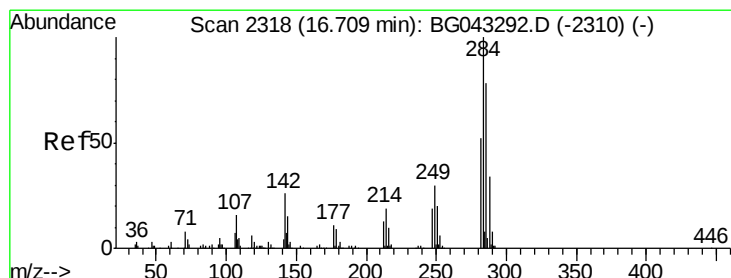
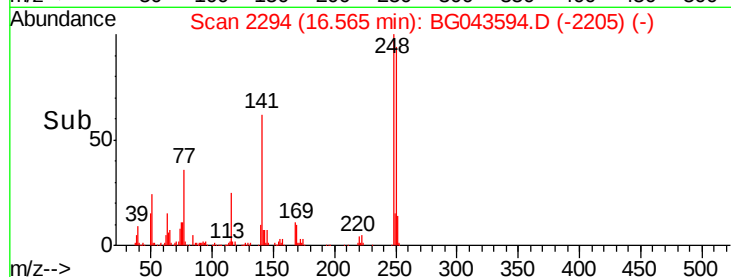
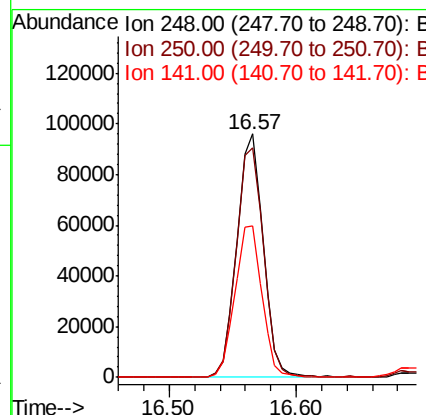
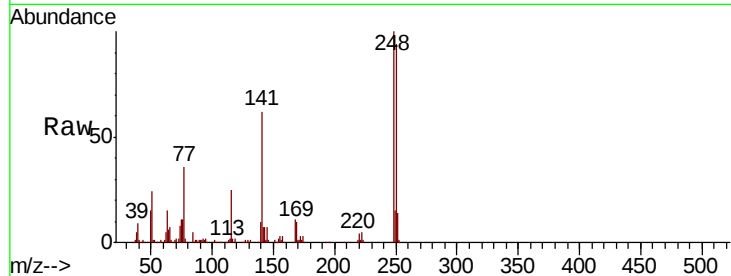




#67  
 4-Bromophenyl-phenylether  
 Concen: 39.138 ng  
 RT: 16.57 min Scan# 2294  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

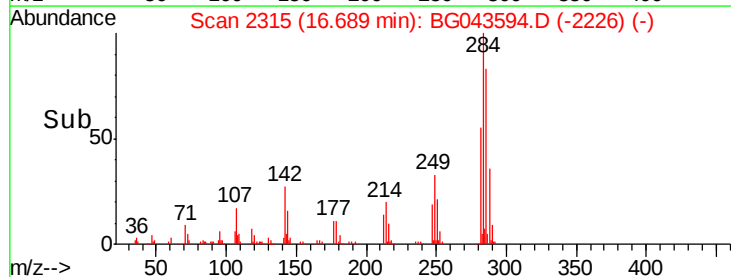
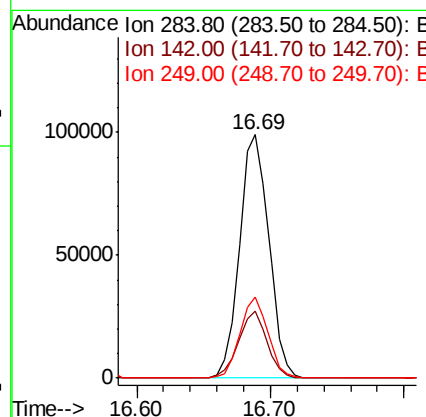
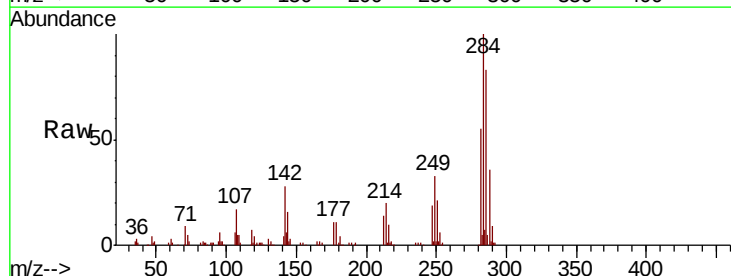
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMS

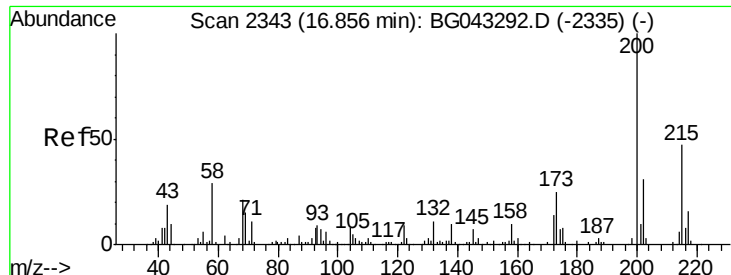
Tot Ion:248 Resp: 137542  
 Ion Ratio Lower Upper  
 248 100  
 250 94.3 77.0 115.4  
 141 62.1 47.5 71.3



#68  
 Hexachlorobenzene  
 Concen: 37.324 ng  
 RT: 16.69 min Scan# 2315  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

Tgt Ion:284 Resp: 150564  
 Ion Ratio Lower Upper  
 284 100  
 142 27.5 19.8 29.8  
 249 33.2 23.8 35.6

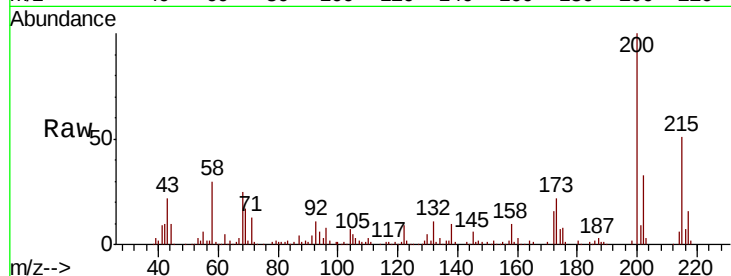




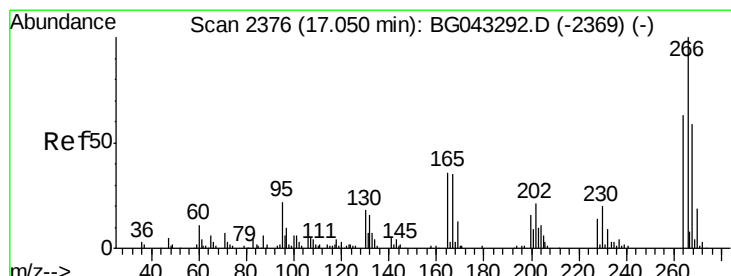
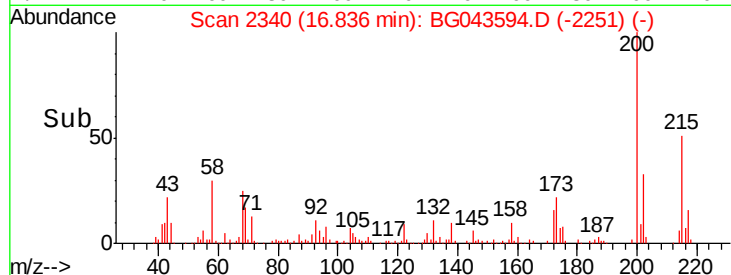
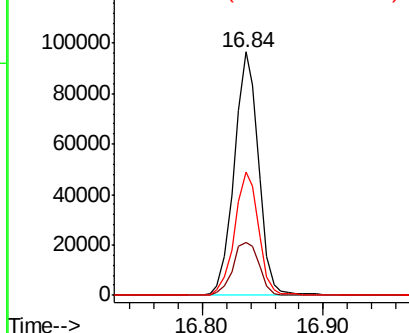
#69  
Atrazine  
Concen: 52.949 ng  
RT: 16.84 min Scan# 2340  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

Tot Ion:200 Resp: 135646  
Ion Ratio Lower Upper  
200 100  
173 21.9 4.7 44.7  
215 50.7 28.5 68.5

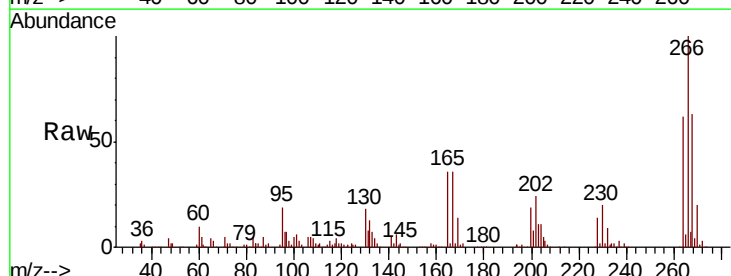


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

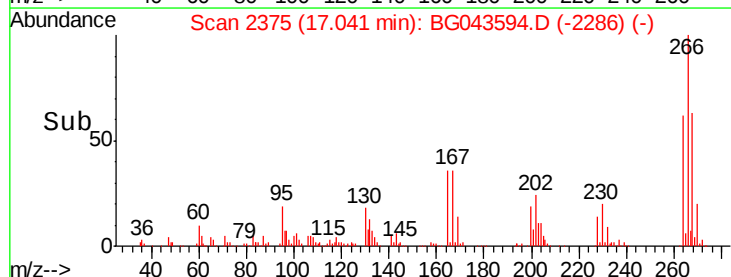
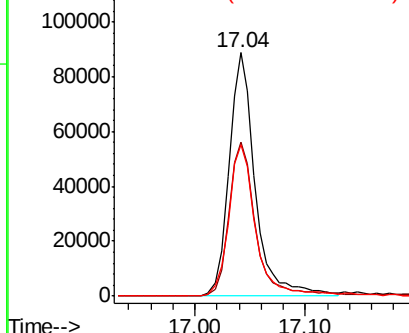


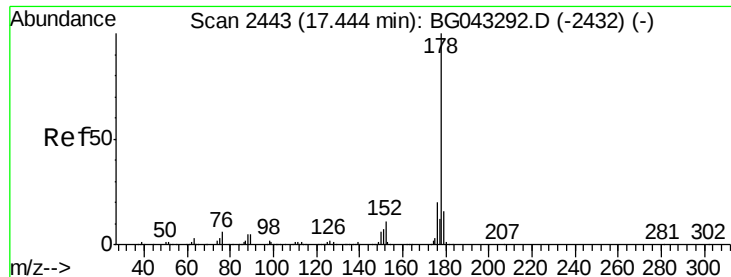
#70  
Pentachlorophenol  
Concen: 80.076 ng  
RT: 17.04 min Scan# 2375  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Tgt Ion:266 Resp: 147191  
Ion Ratio Lower Upper  
266 100  
268 63.0 50.4 75.6  
264 62.0 48.9 73.3



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

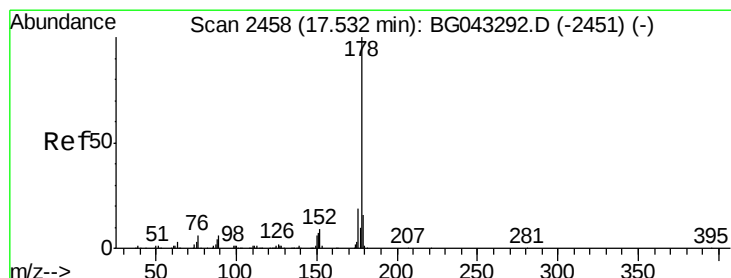
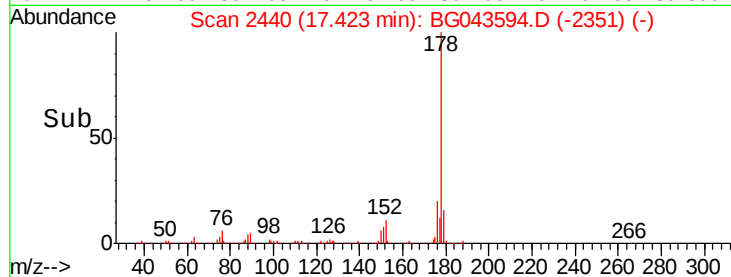
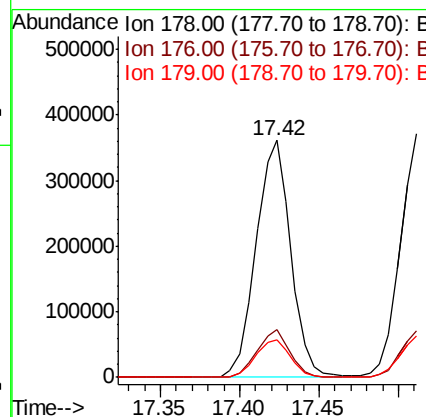
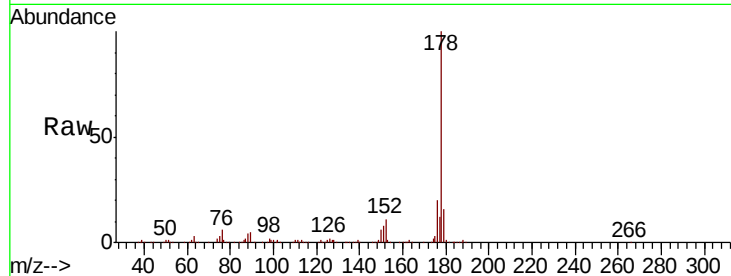




#71  
Phenanthrene  
Concen: 40.969 ng  
RT: 17.42 min Scan# 2440  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

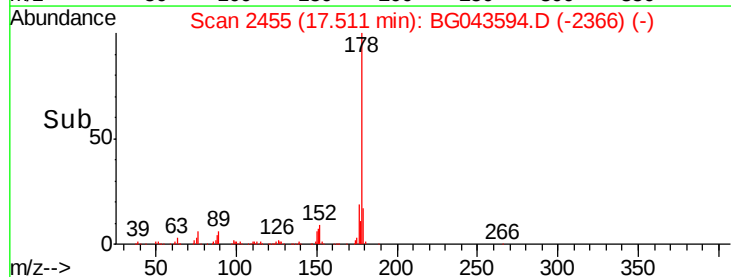
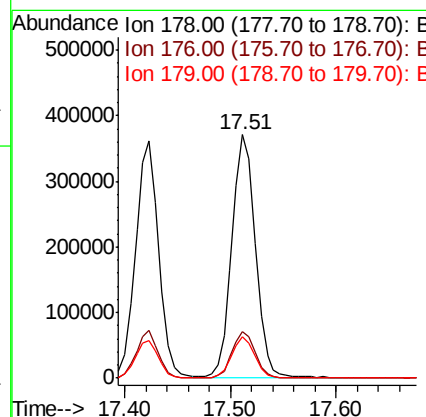
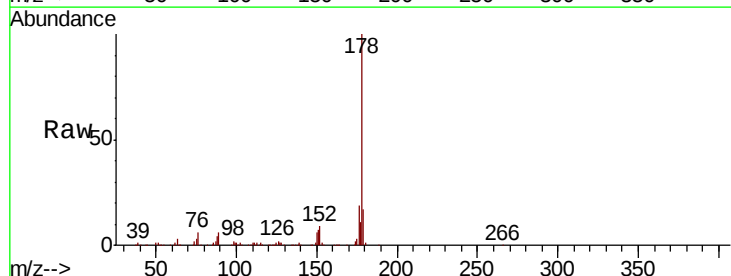
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

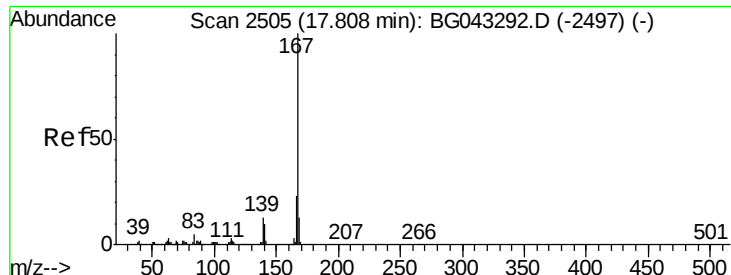
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 15.4  | 23.0  |
| 179     | 15.9  | 13.0  | 19.6  |



#72  
Anthracene  
Concen: 42.714 ng  
RT: 17.51 min Scan# 2455  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.5  | 23.3  |
| 179     | 17.0  | 13.7  | 20.5  |

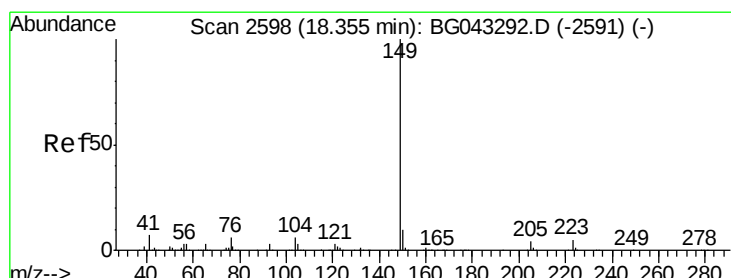
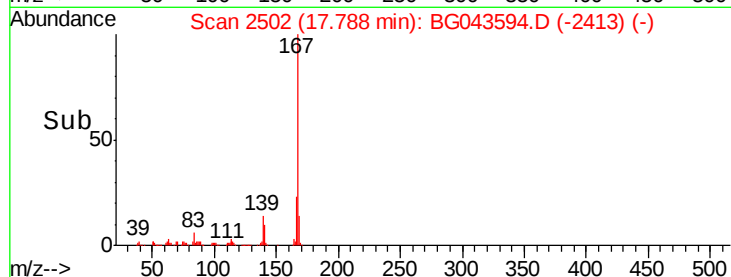
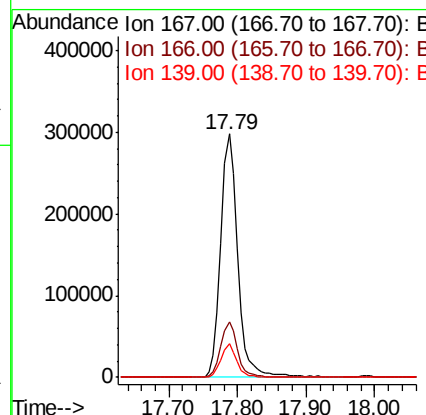
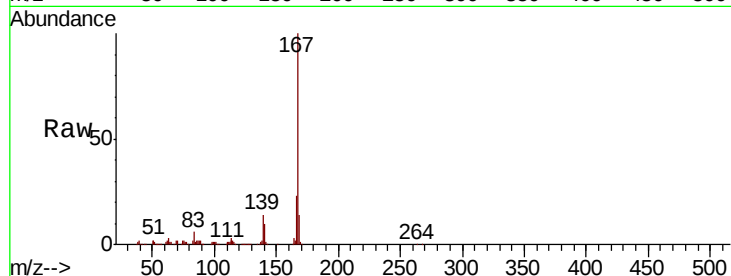




#73  
 Carbazole  
 Concen: 42.308 ng  
 RT: 17.79 min Scan# 2502  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

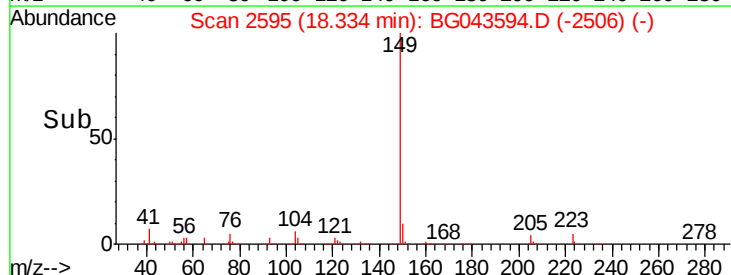
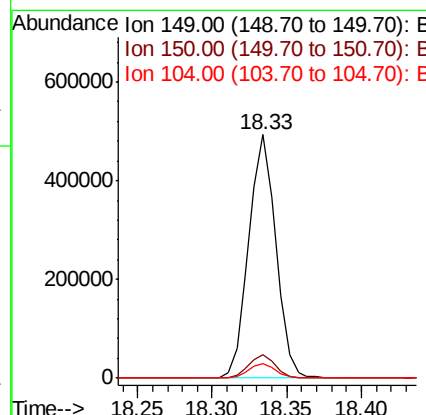
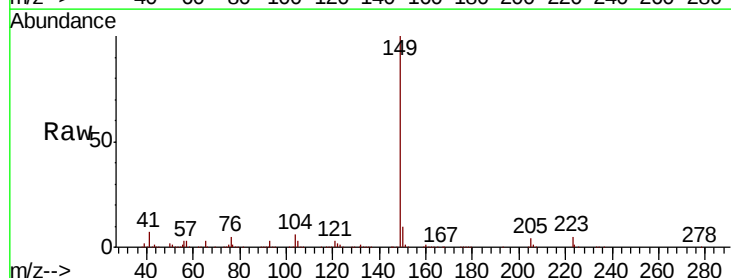
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMS

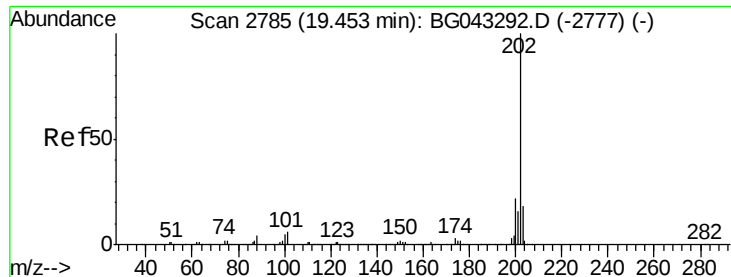
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.9  | 18.7  | 28.1  |
| 139     | 13.8  | 10.0  | 15.0  |



#74  
 Di-n-butylphthalate  
 Concen: 42.216 ng  
 RT: 18.33 min Scan# 2595  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 8.0   | 12.0  |
| 104     | 6.0   | 4.4   | 6.6   |





#75

Fluoranthene

Concen: 41.553 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

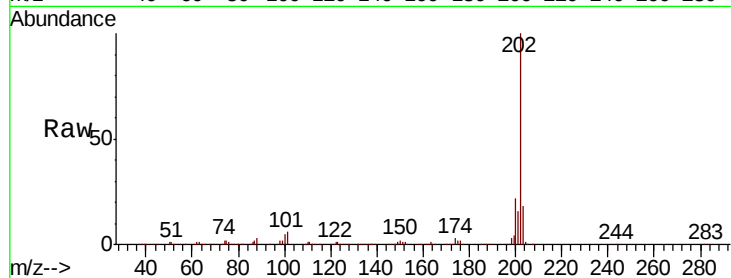
Tot Ion:202 Resp: 724410

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.3

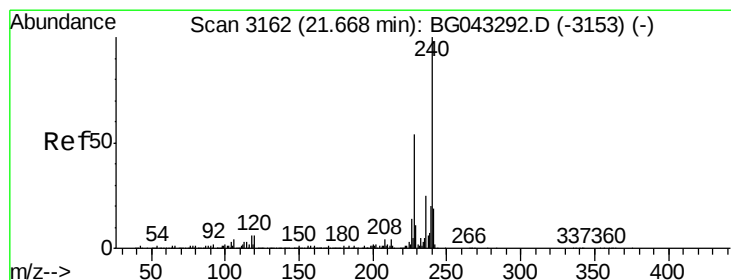
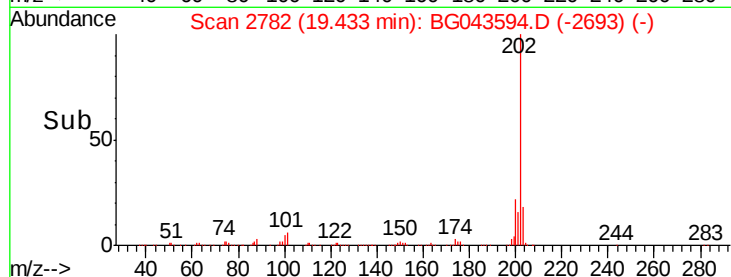
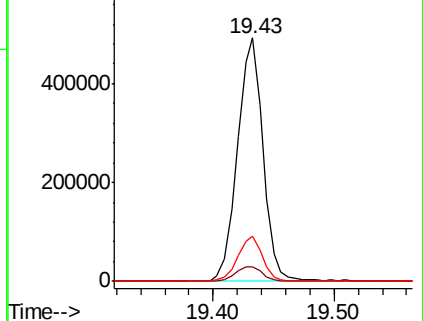
203 18.4 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

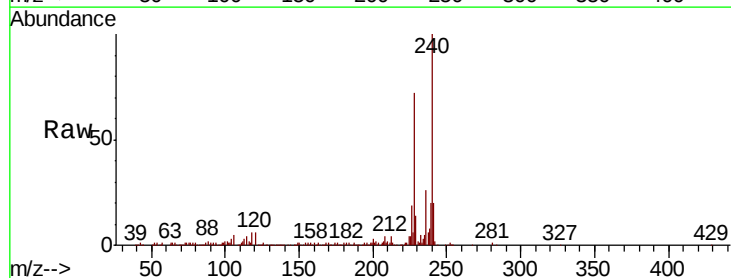
Tgt Ion:240 Resp: 217272

Ion Ratio Lower Upper

240 100

120 5.6 4.6 6.8

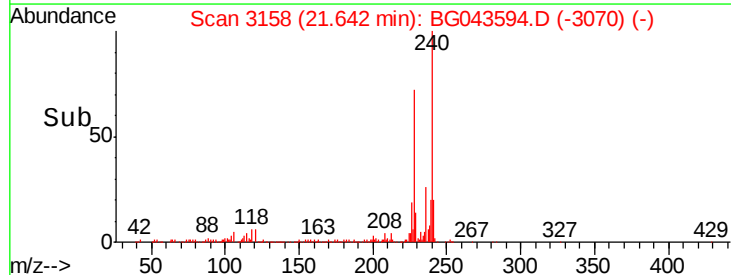
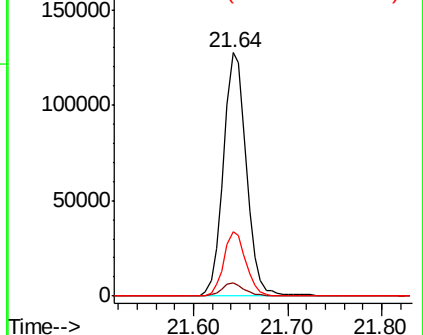
236 26.2 19.8 29.8

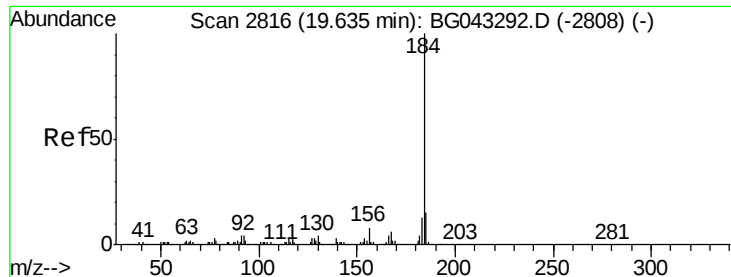


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.623 ng

RT: 19.61 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

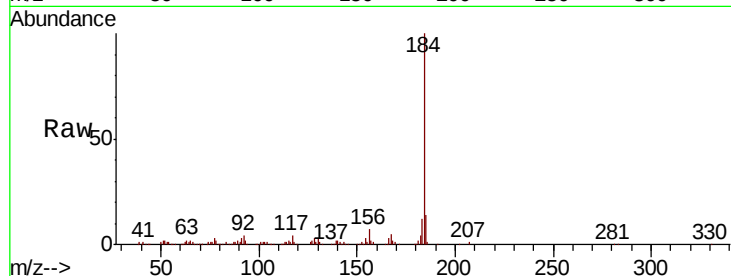
Tot Ion:184 Resp: 234477

Ion Ratio Lower Upper

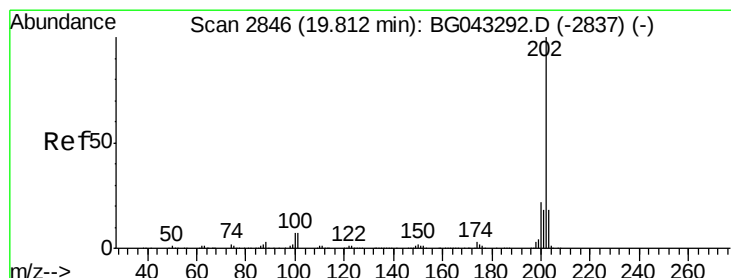
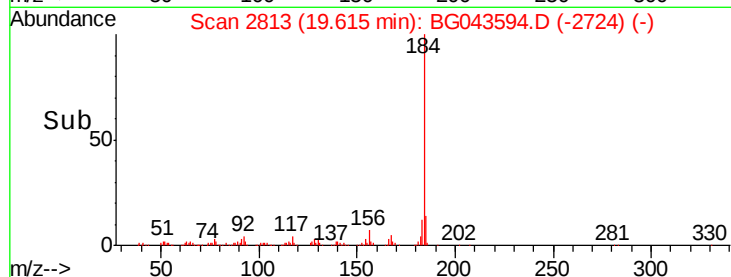
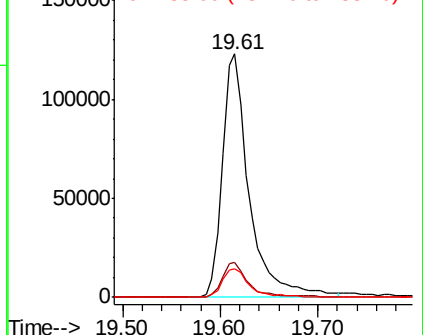
184 100

185 14.4 11.0 16.4

183 11.7 10.0 15.0



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: 54.222 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

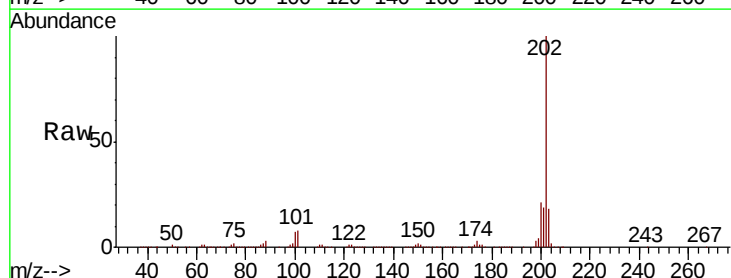
Tgt Ion:202 Resp: 729231

Ion Ratio Lower Upper

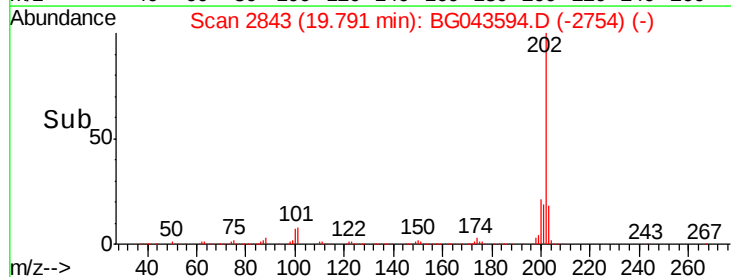
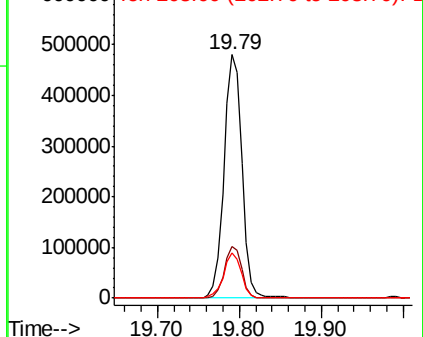
202 100

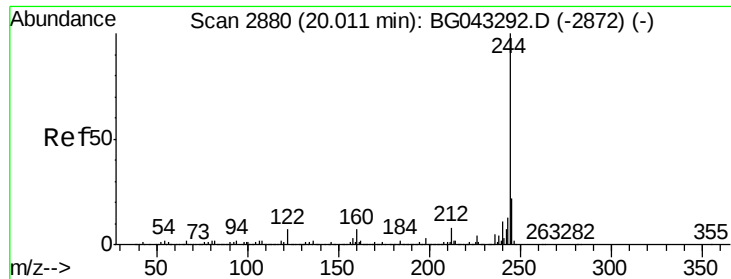
200 21.0 17.0 25.4

203 18.4 14.7 22.1



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





#79

Terphenyl-d14

Concen: 87.146 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

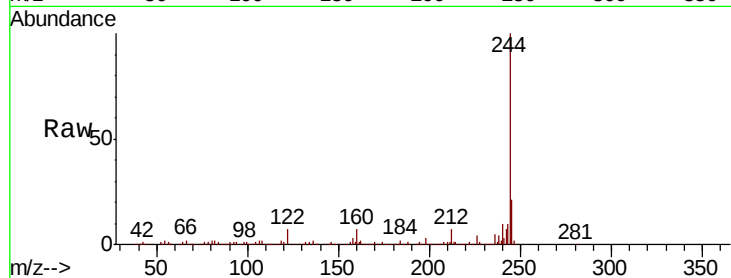
Tot Ion:244 Resp: 1009261

Ion Ratio Lower Upper

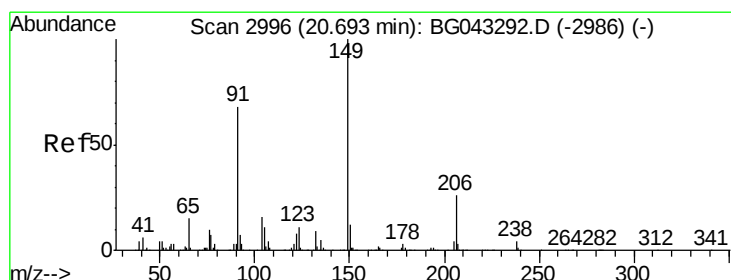
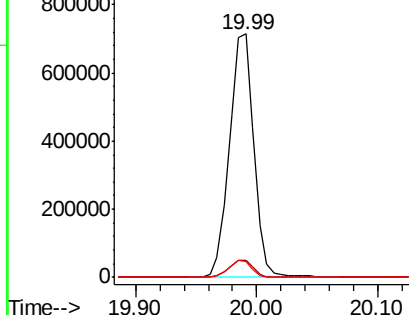
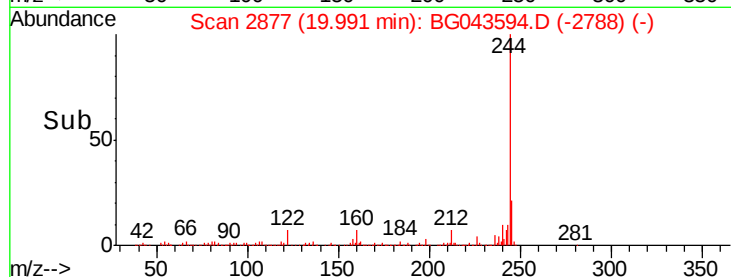
244 100

212 7.1 5.8 8.6

122 6.5 5.4 8.2



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: 45.337 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

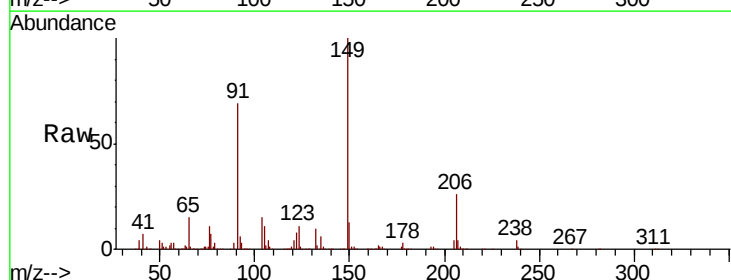
Tgt Ion:149 Resp: 231002

Ion Ratio Lower Upper

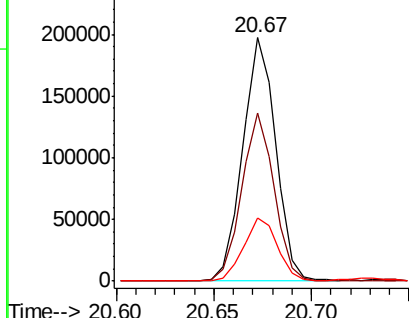
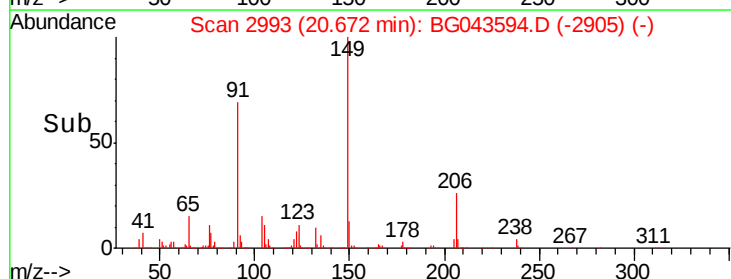
149 100

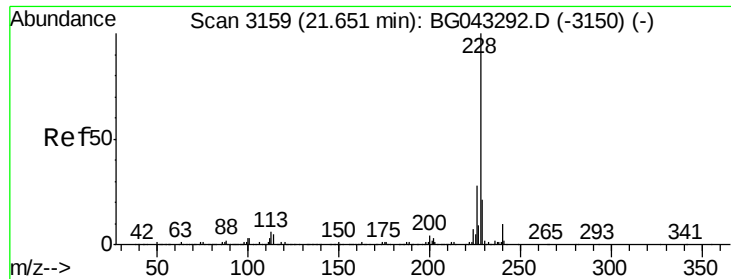
91 69.2 51.2 76.8

206 25.9 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

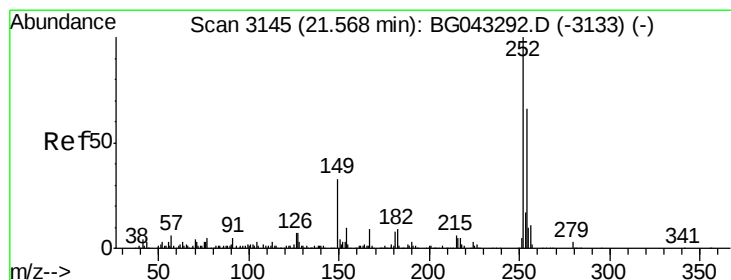
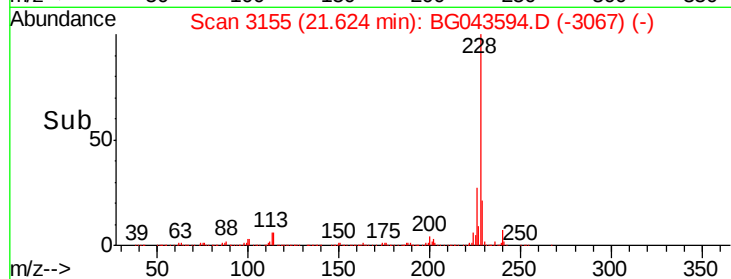
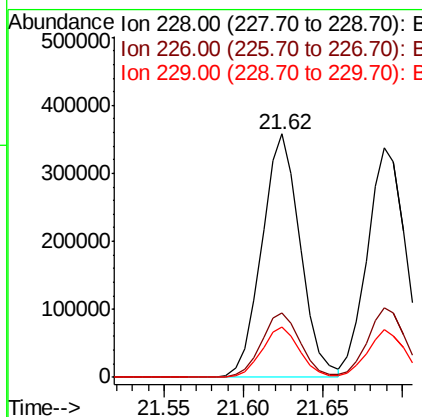
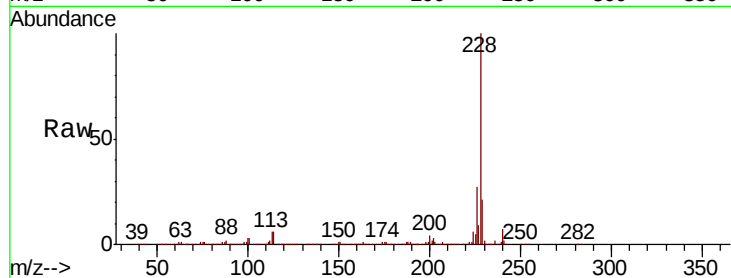




#81  
Benzo(a)anthracene  
Concen: 44.356 ng  
RT: 21.62 min Scan# 3155  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

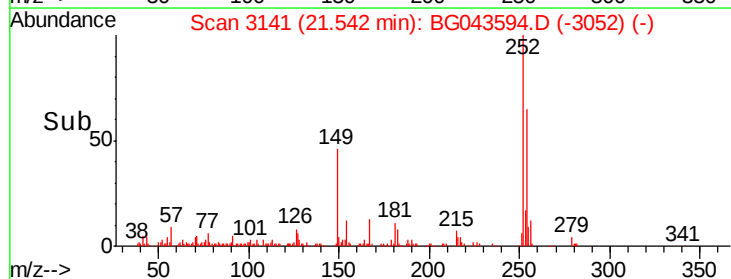
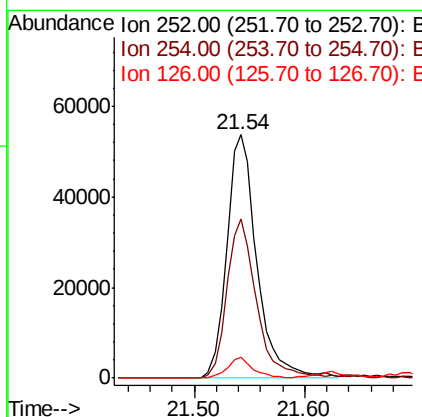
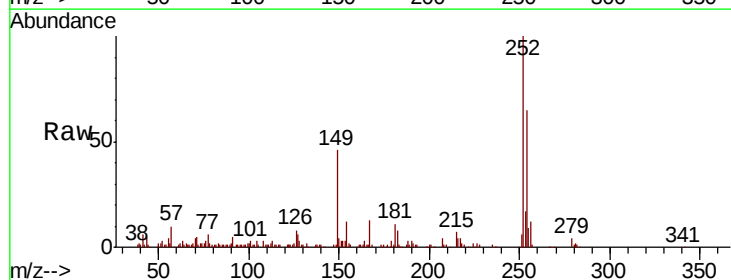
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

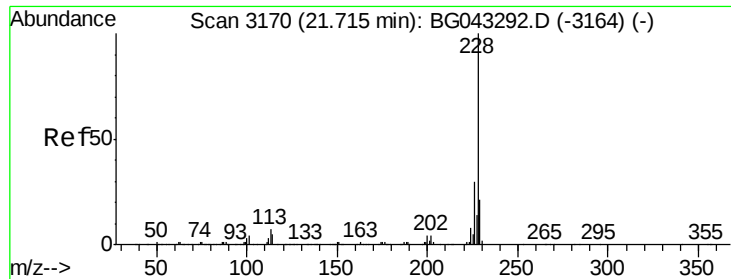
Tot Ion:228 Resp: 603678  
Ion Ratio Lower Upper  
228 100  
226 26.7 22.2 33.2  
229 20.5 17.0 25.4



#82  
3,3'-Dichlorobenzidine  
Concen: 19.440 ng  
RT: 21.54 min Scan# 3141  
Delta R.T. -0.01 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Tgt Ion:252 Resp: 102334  
Ion Ratio Lower Upper  
252 100  
254 65.1 50.8 76.2  
126 8.4 6.1 9.1

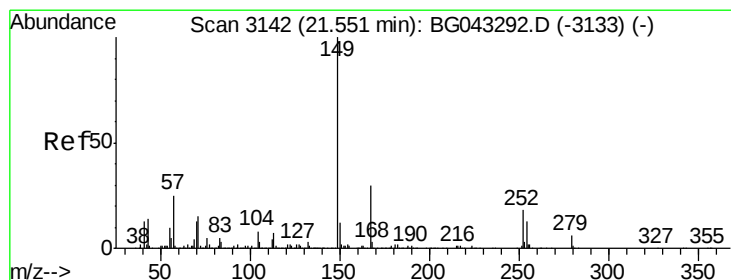
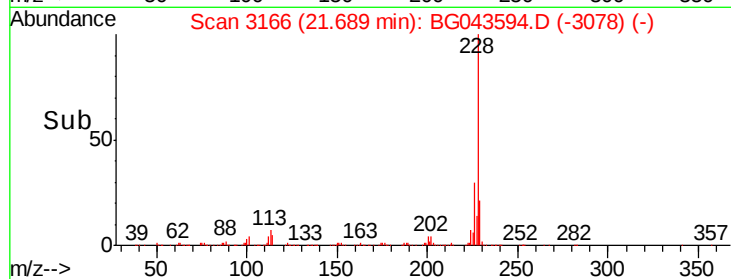
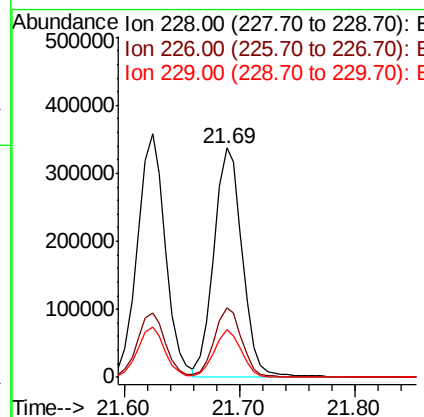
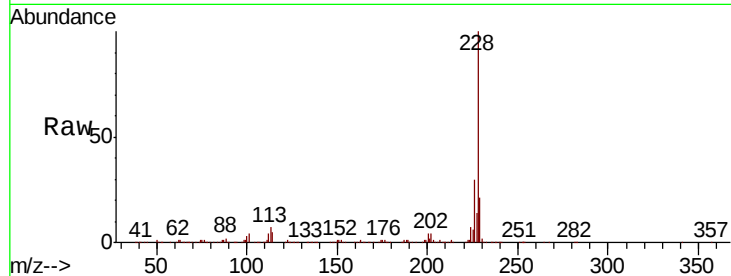




#83  
 Chrvsene  
 Concen: 42.413 ng  
 RT: 21.69 min Scan# 3166  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

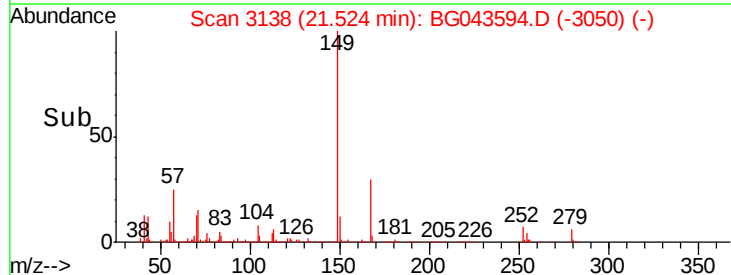
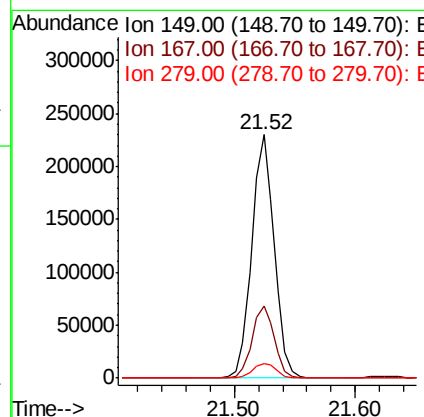
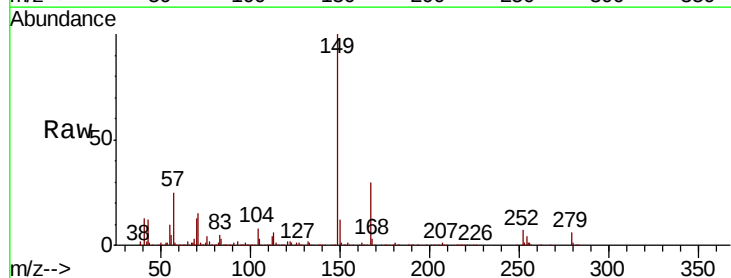
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMS

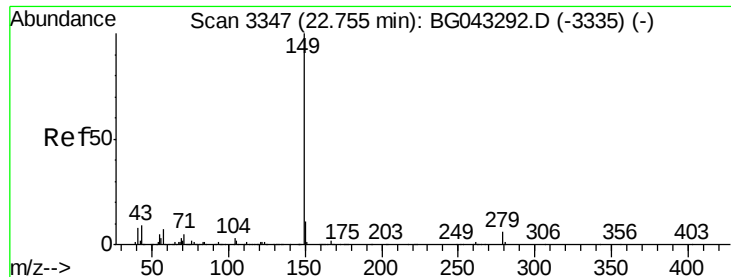
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 25.1  | 37.7  |
| 229     | 20.6  | 17.0  | 25.4  |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.320 ng  
 RT: 21.52 min Scan# 3138  
 Delta R.T. -0.01 min  
 Lab File: BG043594.D  
 Acq: 11 Nov 2019 21:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.8  | 24.0  | 36.0  |
| 279     | 6.1   | 5.4   | 8.2   |





#85

Di-n-octyl phthalate

Concen: 42.156 ng

RT: 22.72 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

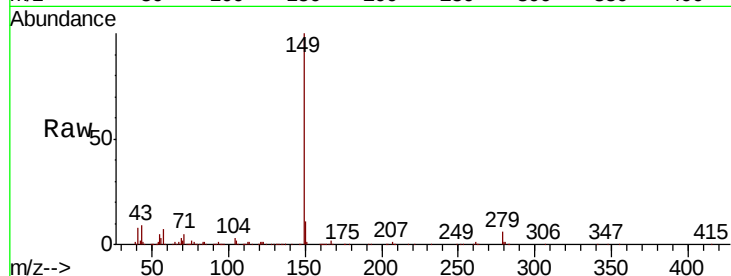
Tot Ion:149 Resp: 517653

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

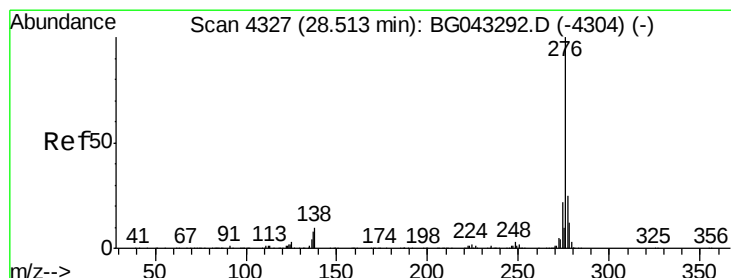
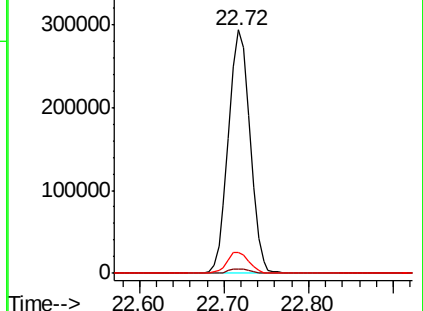
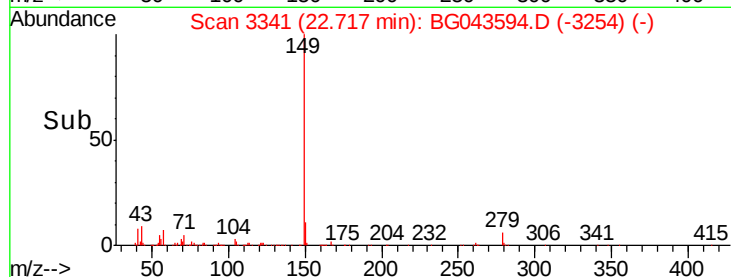
43 8.8 7.0 10.6



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: 42.439 ng

RT: 28.46 min Scan# 4319

Delta R.T. -0.03 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

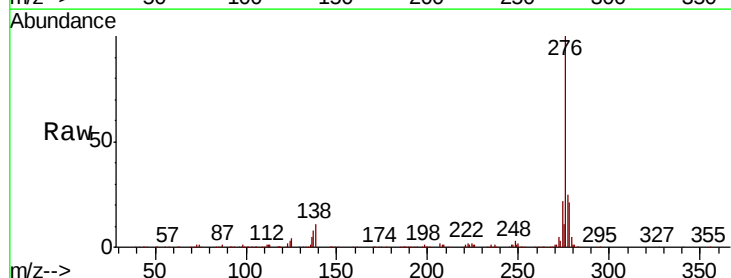
Tgt Ion:276 Resp: 720358

Ion Ratio Lower Upper

276 100

138 5.0 6.8 10.2#

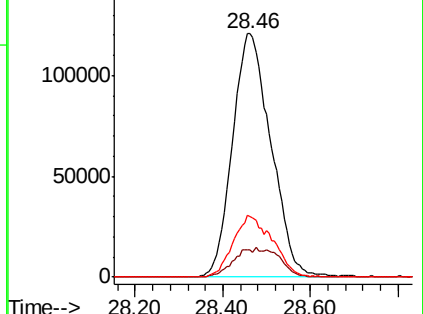
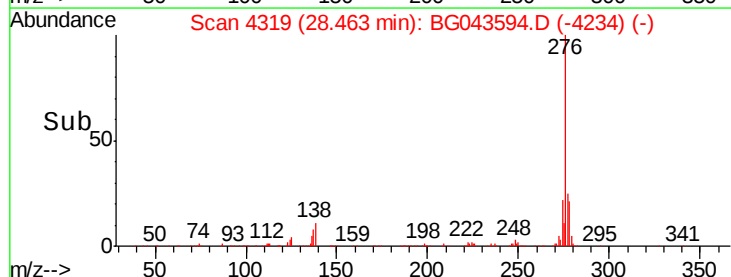
277 25.8 20.9 31.3

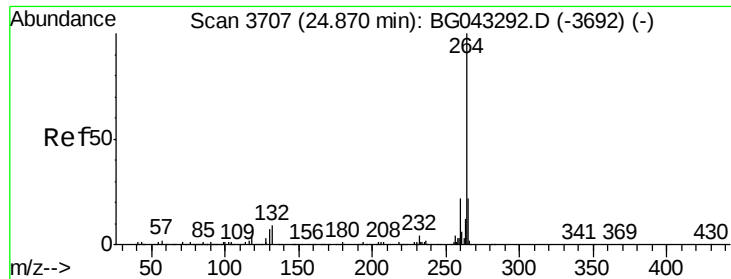


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMS

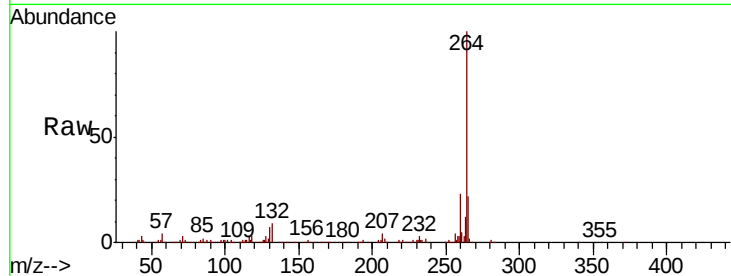
Tot Ion:264 Resp: 246958

Ion Ratio Lower Upper

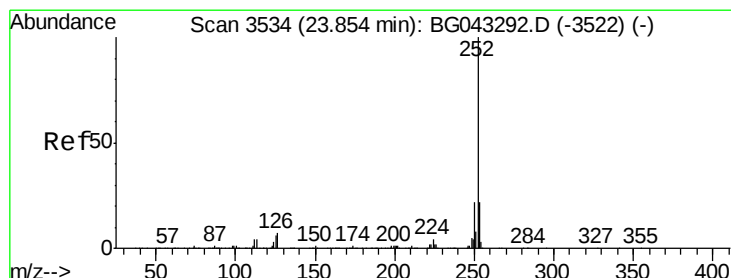
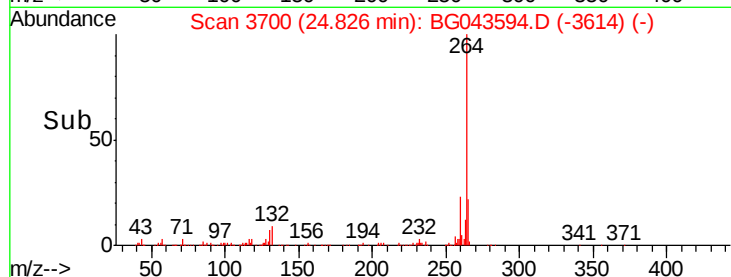
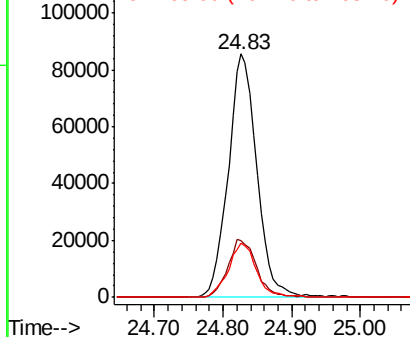
264 100

260 23.3 17.5 26.3

265 22.2 17.4 26.0



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



#88

Benzo(b)fluoranthene

Concen: 42.346 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

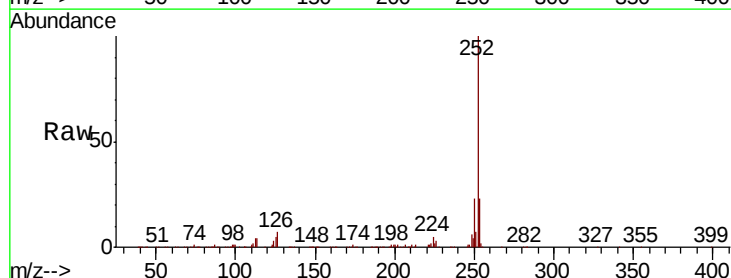
Tgt Ion:252 Resp: 592293

Ion Ratio Lower Upper

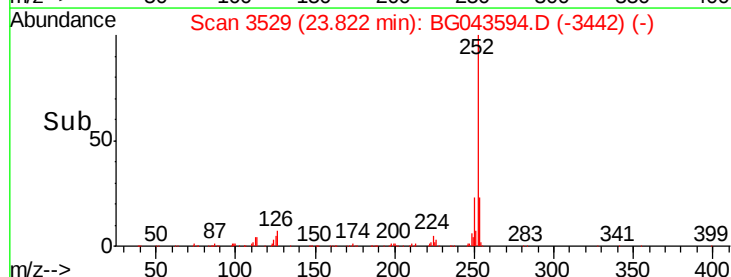
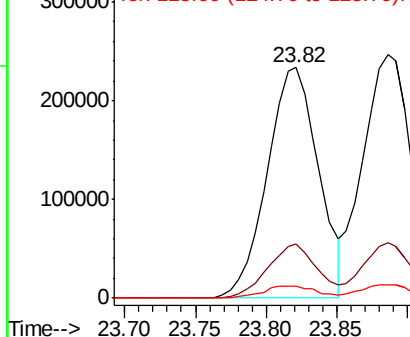
252 100

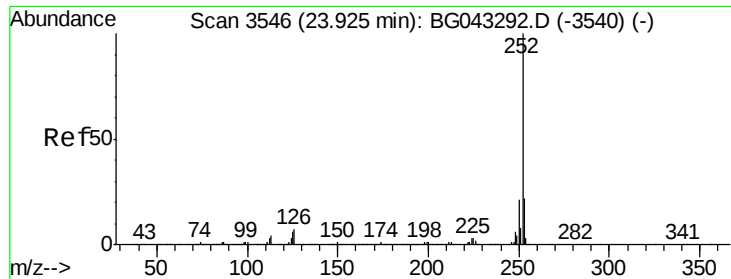
253 23.4 17.7 26.5

125 5.3 4.5 6.7



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

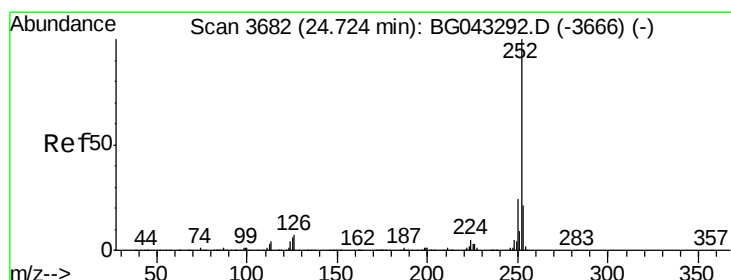
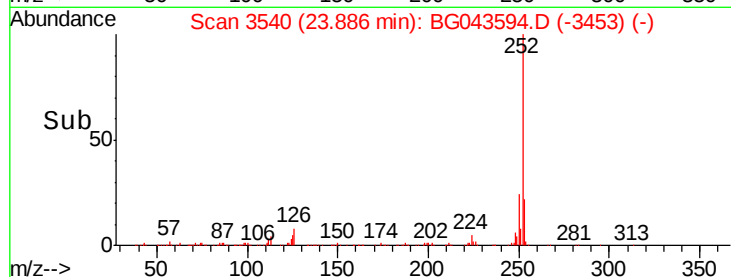
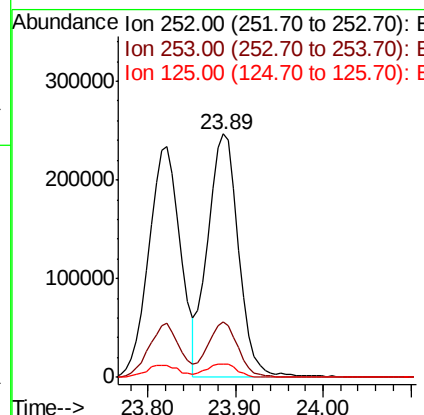
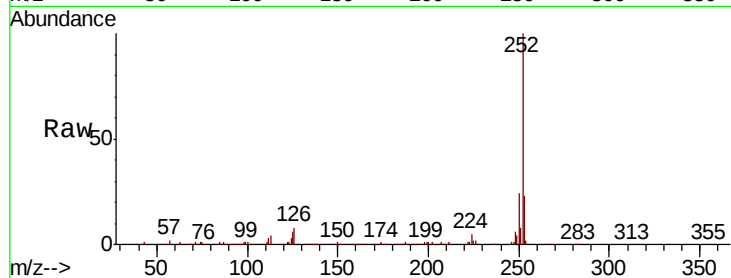




#89  
Benzo(k)fluoranthene  
Concen: 42.805 ng  
RT: 23.89 min Scan# 3540  
Delta R.T. -0.02 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

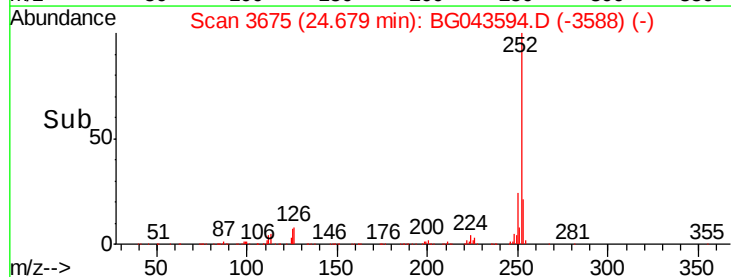
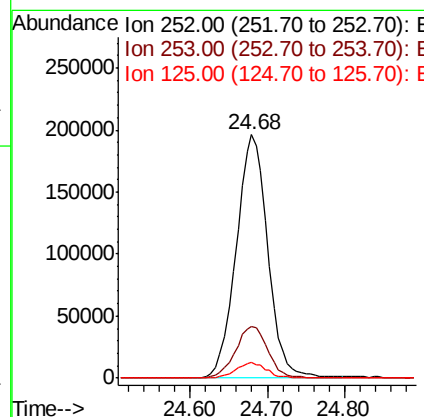
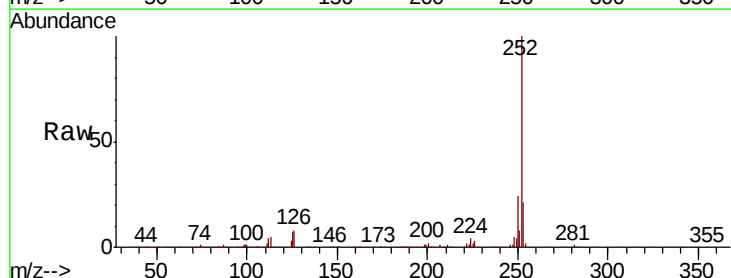
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMS

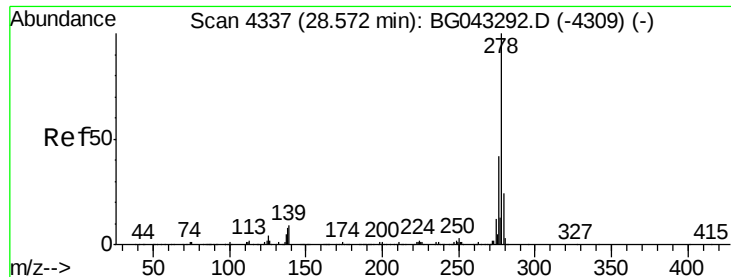
Tot Ion:252 Resp: 602719  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.3 25.9  
125 5.5 4.6 6.8



#90  
Benzo(a)pyrene  
Concen: 42.076 ng  
RT: 24.68 min Scan# 3675  
Delta R.T. -0.02 min  
Lab File: BG043594.D  
Acq: 11 Nov 2019 21:55

Tgt Ion:252 Resp: 561982  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.8 26.8  
125 6.6 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 44.244 ng

RT: 28.52 min Scan# 4329

Delta R.T. -0.03 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Instrument :

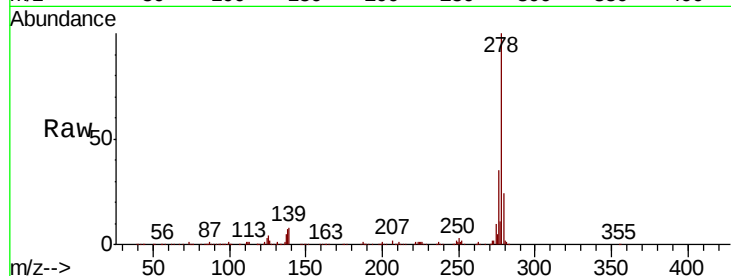
BNA\_G

ClientSampleId :

TP-2A-COMPMS

Tot Ion:278 Resp: 604443

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 8.4   | 7.4   | 11.0  |
| 279 | 23.8  | 19.1  | 28.7  |

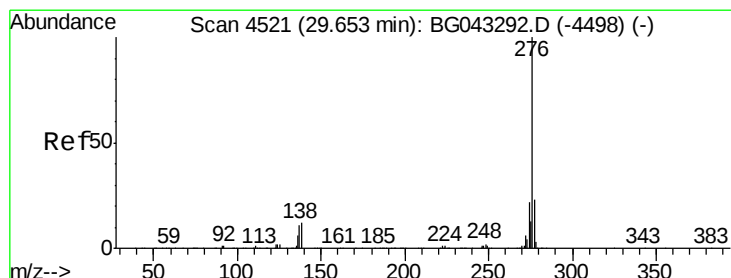
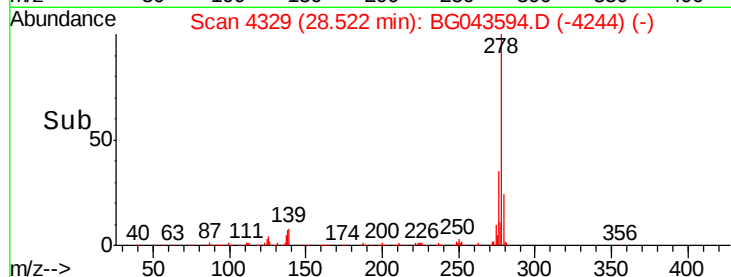
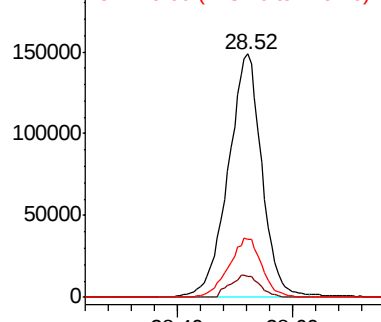


Abundance

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: 45.032 ng

RT: 29.60 min Scan# 4512

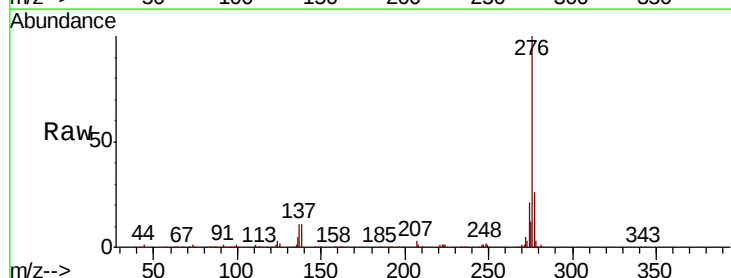
Delta R.T. -0.03 min

Lab File: BG043594.D

Acq: 11 Nov 2019 21:55

Tgt Ion:276 Resp: 606844

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 25.7  | 18.9  | 28.3  |
| 138 | 11.2  | 8.9   | 13.3  |



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

