

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\  
 Data File : BG043616.D  
 Acq On : 13 Nov 2019 17:23  
 Operator : JU  
 Sample : PB124701BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 14 01:41:42 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 | 7.99  | 152  | 27764    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.80 | 136  | 114085   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.63 | 164  | 82992    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.37 | 188  | 198487   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.64 | 240  | 224378   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.82 | 264  | 223831   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.60  | 112  | 201054   | 132.70 | ng    | 0.00     |
| 7) Phenol-d6                | 7.20  | 99   | 268314   | 123.08 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.16  | 82   | 135335   | 61.16  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.13 | 330  | 168000   | 106.37 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.25 | 172  | 365761   | 60.90  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.99 | 244  | 735417   | 61.49  | ng    | -0.01    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.46  | 88   | 20488    | 34.700 | ng    | # 95   |
| 3) Pyridine                    | 3.86  | 79   | 46799    | 31.421 | ng    | 95     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42   | 33521    | 44.602 | ng    | # 81   |
| 6) Aniline                     | 7.33  | 93   | 73223    | 29.159 | ng    | 94     |
| 8) 2-Chlorophenol              | 7.58  | 128  | 80648    | 48.219 | ng    | 99     |
| 9) Benzaldehyde                | 7.14  | 77   | 33641    | 31.402 | ng    | 93     |
| 10) Phenol                     | 7.23  | 94   | 96434    | 48.411 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93   | 63364    | 41.143 | ng    | 95     |
| 12) 1,3-Dichlorobenzene        | 7.88  | 146  | 83804    | 39.992 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 8.03  | 146  | 86175    | 40.645 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146  | 85407    | 41.257 | ng    | 98     |
| 15) Benzyl Alcohol             | 8.25  | 79   | 69986    | 45.714 | ng    | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52  | 45   | 89779    | 40.090 | ng    | 98     |
| 17) 2-Methylphenol             | 8.47  | 107  | 69842    | 48.095 | ng    | 98     |
| 18) Hexachloroethane           | 9.08  | 117  | 29281    | 38.279 | ng    | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.80  | 70   | 58368    | 41.436 | ng    | 91     |
| 20) 3+4-Methylphenols          | 8.80  | 107  | 91235    | 45.817 | ng    | 92     |
| 22) Acetophenone               | 8.82  | 105  | 117403   | 40.184 | ng    | # 93   |
| 24) Nitrobenzene               | 9.20  | 77   | 88622    | 42.040 | ng    | # 97   |
| 25) Isophorone                 | 9.72  | 82   | 162267   | 40.108 | ng    | 98     |
| 26) 2-Nitrophenol              | 9.92  | 139  | 45951    | 45.151 | ng    | 93     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122  | 73860    | 50.635 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.20 | 93   | 90163    | 40.379 | ng    | # 97   |
| 29) 2,4-Dichlorophenol         | 10.47 | 162  | 87129    | 46.619 | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.66 | 180  | 94376    | 40.065 | ng    | 97     |
| 31) Naphthalene                | 10.85 | 128  | 247348   | 42.713 | ng    | 99     |
| 32) Benzoic acid               | 10.18 | 122  | 38441    | 37.056 | ng    | 92     |
| 33) 4-Chloroaniline            | 10.97 | 127  | 55901    | 23.550 | ng    | 97     |
| 34) Hexachlorobutadiene        | 11.14 | 225  | 66397    | 38.131 | ng    | 96     |
| 35) Caprolactam                | 11.74 | 113  | 17584    | 27.318 | ng    | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107  | 88371    | 43.348 | ng    | 100    |
| 37) 2-Methylnaphthalene        | 12.46 | 142  | 190871   | 42.957 | ng    | 96     |
| 38) 1-Methylnaphthalene        | 12.68 | 142  | 175661   | 41.551 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.82 | 216  | 121357   | 39.512 | ng    | 99     |

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 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  | 88501    | 54.853 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 76916    | 42.524 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.16 | 196  | 80621    | 44.088 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.46 | 154  | 250824   | 39.728 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.51 | 162  | 196308   | 40.865 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.72 | 65   | 59914    | 41.730 | ng    | 96       |
| 49) Acenaphthylene             | 14.35 | 152  | 319853   | 42.781 | ng    | 99       |
| 50) Dimethylphthalate          | 14.08 | 163  | 256197   | 39.855 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.20 | 165  | 58351    | 41.783 | ng    | 97       |
| 52) Acenaphthene               | 14.69 | 154  | 185951   | 40.784 | ng    | 96       |
| 53) 3-Nitroaniline             | 14.55 | 138  | 41453    | 30.744 | ng    | 90       |
| 54) 2,4-Dinitrophenol          | 14.75 | 184  | 56388    | 66.057 | ng    | 98       |
| 55) Dibenzofuran               | 15.03 | 168  | 308933   | 41.783 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 81828    | 90.562 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 15.00 | 165  | 83039    | 41.607 | ng    | 97       |
| 58) Fluorene                   | 15.67 | 166  | 257325   | 41.495 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 79669    | 41.006 | ng    | 95       |
| 60) Diethylphthalate           | 15.44 | 149  | 252513   | 39.094 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 147494   | 40.770 | ng    | 96       |
| 62) 4-Nitroaniline             | 15.71 | 138  | 54840    | 39.383 | ng    | 96       |
| 63) Azobenzene                 | 15.96 | 77   | 216876   | 41.488 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.76 | 198  | 48236    | 41.294 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.89 | 169  | 229820   | 41.011 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.56 | 248  | 103326   | 38.682 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.68 | 284  | 115478   | 37.662 | ng    | 96       |
| 69) Atrazine                   | 16.83 | 200  | 96132    | 49.369 | ng    | 97       |
| 70) Pentachlorophenol          | 17.04 | 266  | 91598    | 65.561 | ng    | 99       |
| 71) Phenanthrene               | 17.42 | 178  | 416076   | 40.936 | ng    | 98       |
| 72) Anthracene                 | 17.51 | 178  | 423476   | 41.643 | ng    | 98       |
| 73) Carbazole                  | 17.78 | 167  | 385968   | 41.912 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.33 | 149  | 452507   | 40.497 | ng    | 99       |
| 75) Fluoranthene               | 19.43 | 202  | 556157   | 41.972 | ng    | 100      |
| 77) Benzidine                  | 19.62 | 184  | 103027   | 22.815 | ng    | 97       |
| 78) Pyrene                     | 19.79 | 202  | 563433   | 40.568 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.67 | 149  | 212453   | 40.376 | ng    | 94       |
| 81) Benzo(a)anthracene         | 21.62 | 228  | 587427   | 41.795 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 195899   | 36.036 | ng    | 100      |
| 83) Chrysene                   | 21.69 | 228  | 565605   | 40.503 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 312501   | 41.809 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.71 | 149  | 544225   | 42.916 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.45 | 276  | 738080   | 42.106 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 23.82 | 252  | 612296   | 48.300 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.88 | 252  | 631906   | 49.514 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.67 | 252  | 569900   | 47.077 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.51 | 278  | 629776   | 50.861 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.58 | 276  | 620105   | 50.770 | ng    | 98       |

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



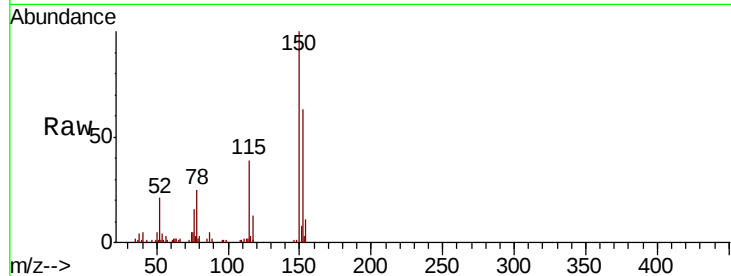


#1

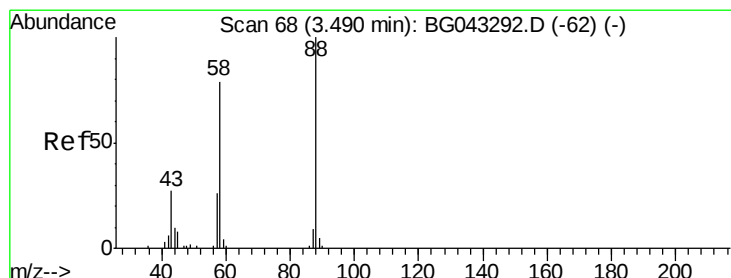
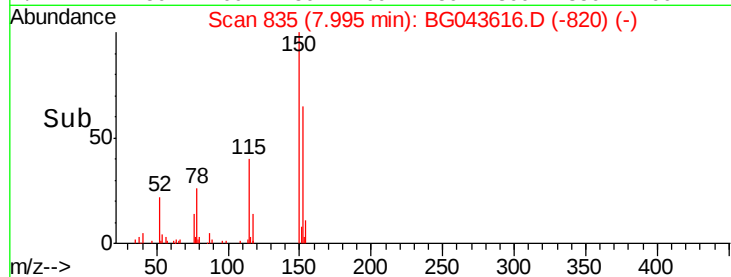
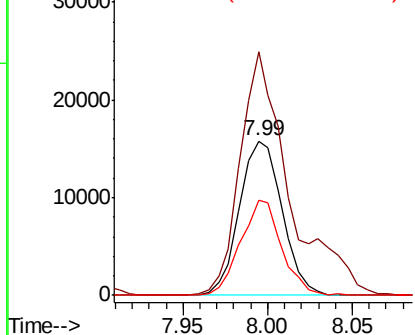
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.99 min Scan# 835  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 27764  
Ion Ratio Lower Upper  
152 100  
150 157.7 129.4 194.0  
115 61.6 48.8 73.2



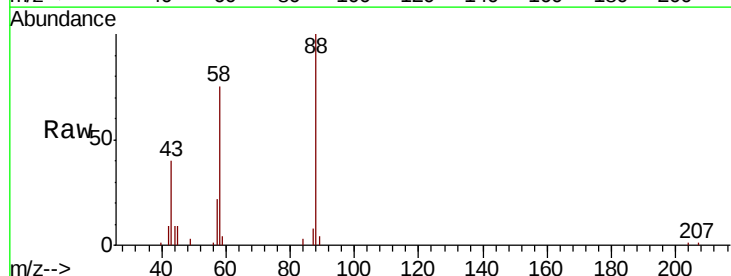
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



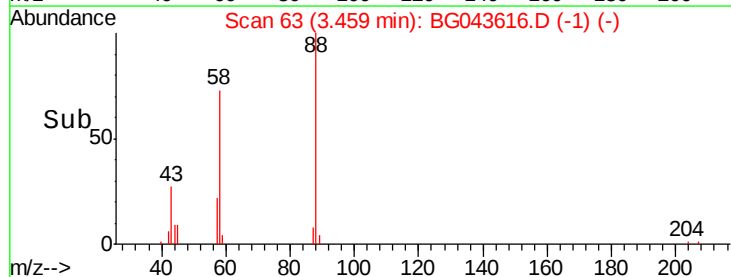
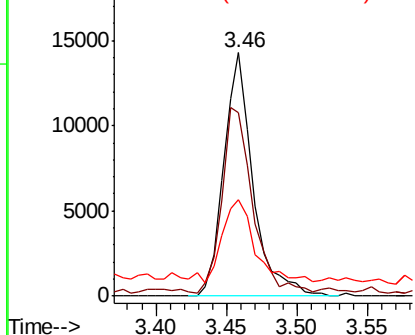
#2

1,4-Dioxane  
Concen: 34.700 ng  
RT: 3.46 min Scan# 63  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Tgt Ion: 88 Resp: 20488  
Ion Ratio Lower Upper  
88 100  
58 80.1 62.7 94.1  
43 37.0 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: 31.421 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

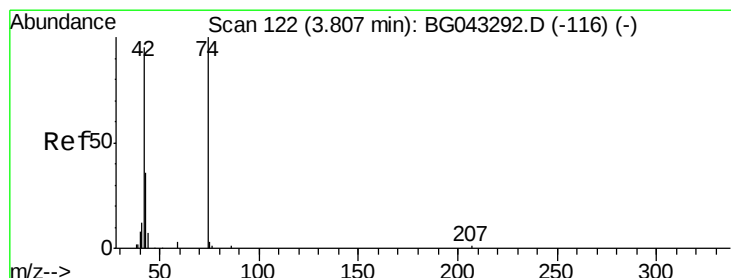
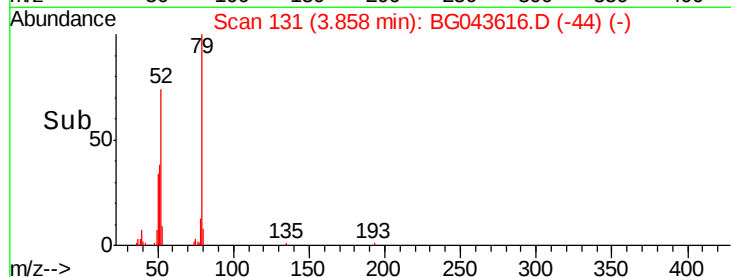
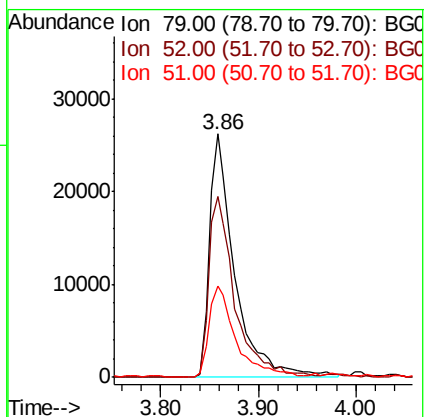
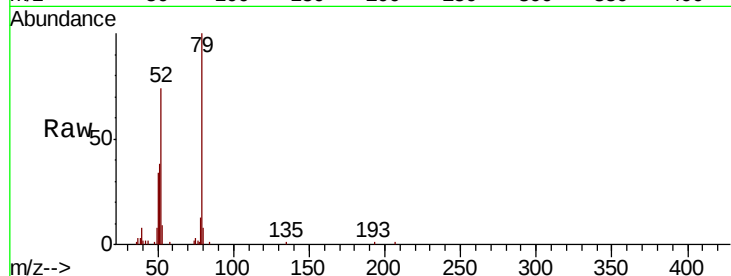
Tot Ion: 79 Resp: 46799

Ion Ratio Lower Upper

79 100

52 74.4 56.5 84.7

51 37.6 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 44.602 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

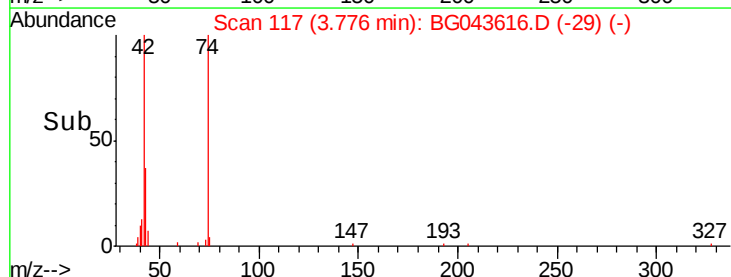
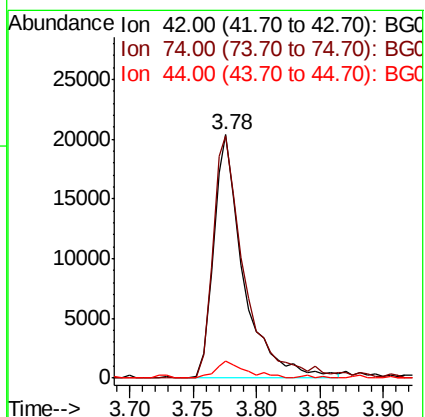
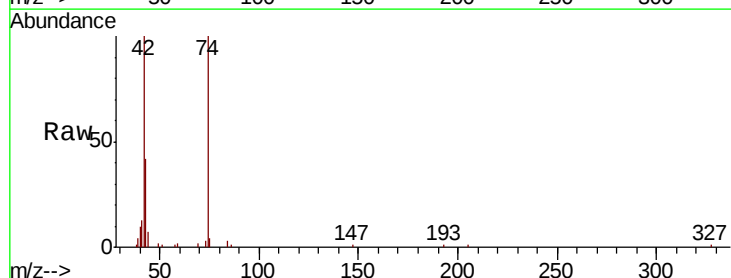
Tgt Ion: 42 Resp: 33521

Ion Ratio Lower Upper

42 100

74 99.7 97.3 145.9

44 7.0 4.4 6.6#





#5

2-Fluorophenol

Concen: 132.697 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

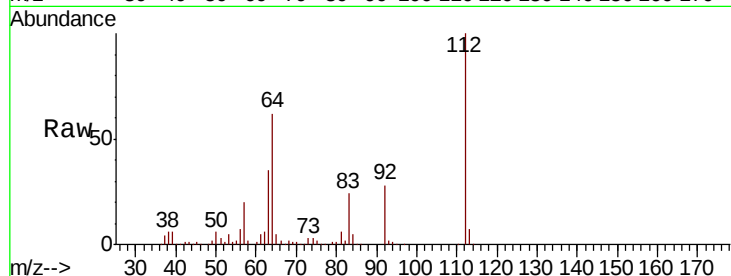
Tot Ion:112 Resp: 201054

Ion Ratio Lower Upper

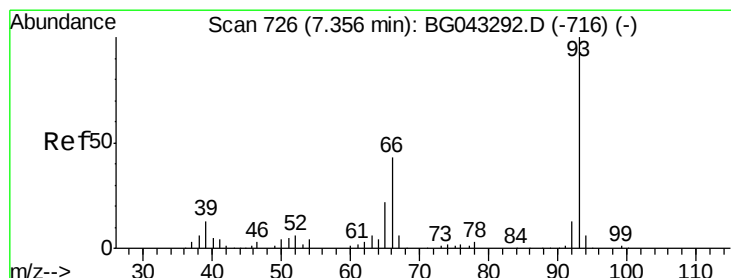
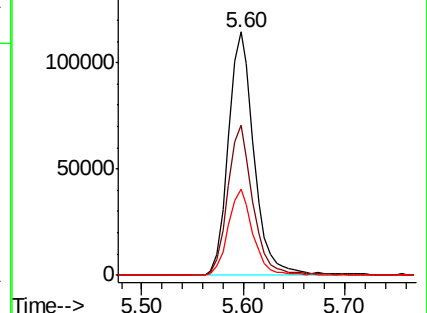
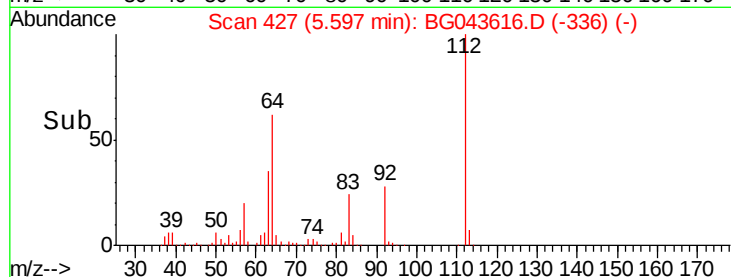
112 100

64 61.6 50.0 75.0

63 35.5 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: 29.159 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

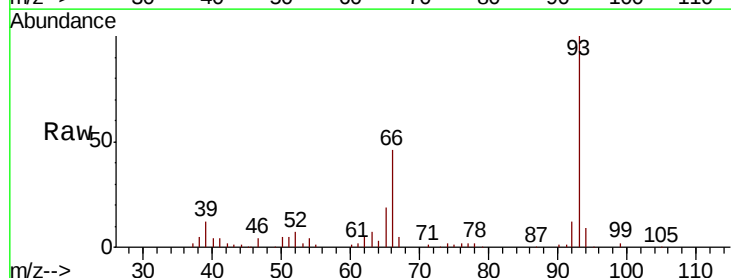
Tgt Ion: 93 Resp: 73223

Ion Ratio Lower Upper

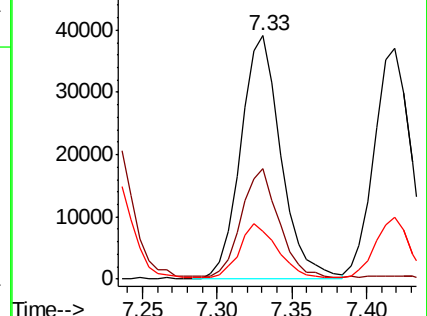
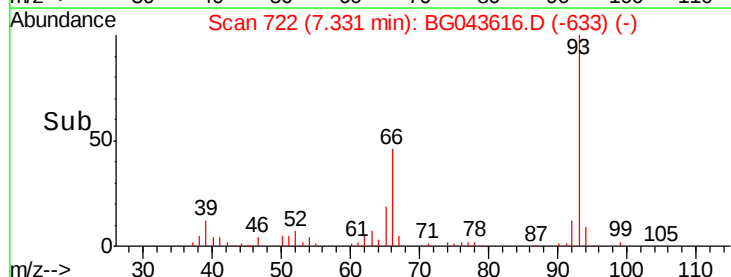
93 100

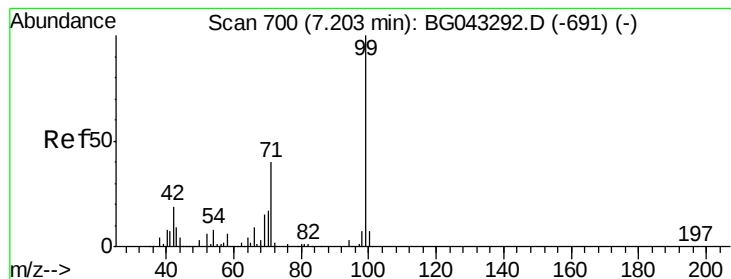
66 45.5 32.3 48.5

65 19.4 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: 123.084 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

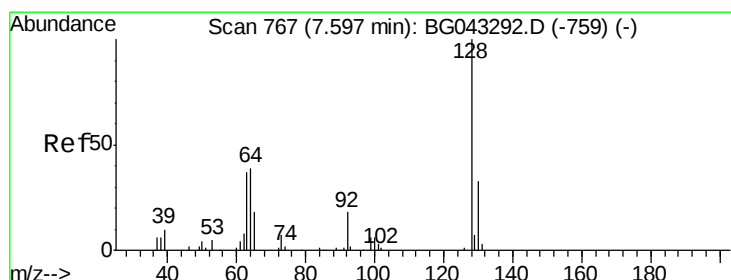
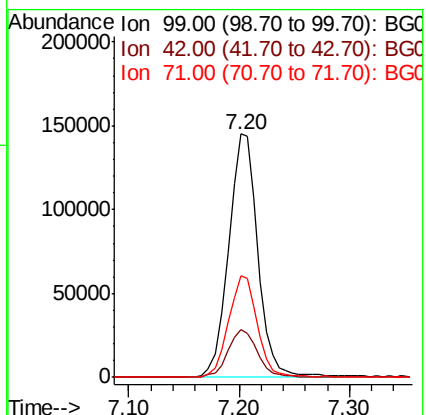
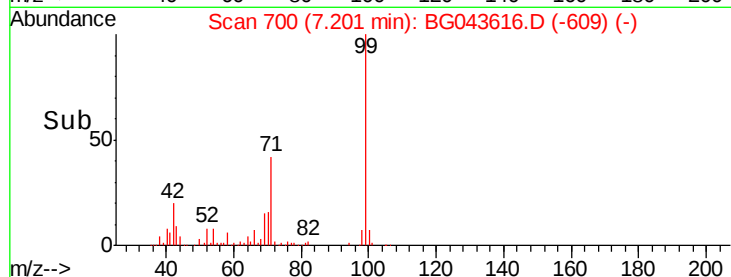
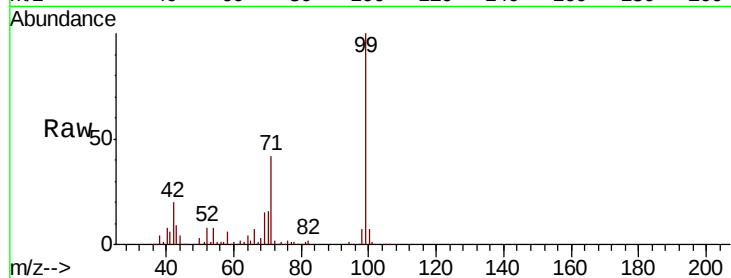
Tot Ion: 99 Resp: 268314

Ion Ratio Lower Upper

99 100

42 19.6 14.6 21.8

71 41.7 32.5 48.7



#8

2-Chlorophenol

Concen: 48.219 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

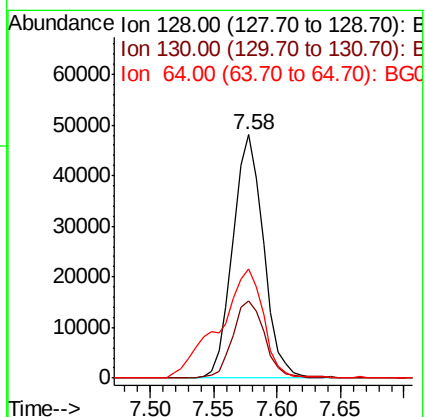
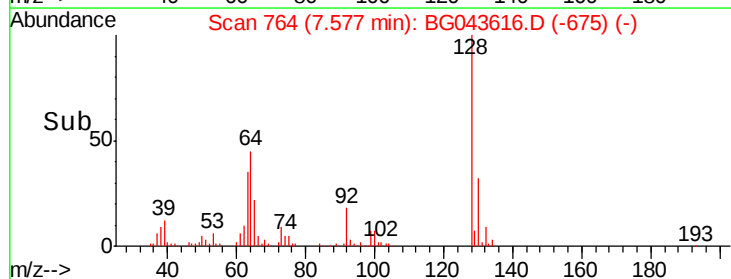
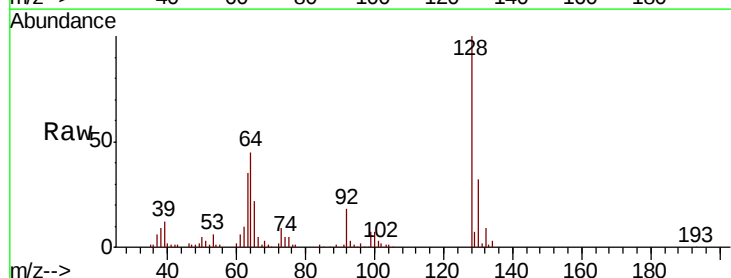
Tgt Ion:128 Resp: 80648

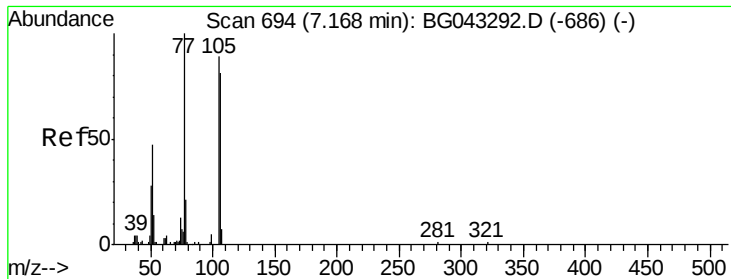
Ion Ratio Lower Upper

128 100

130 31.5 12.5 52.5

64 44.7 25.3 65.3





#9

Benzaldehyde

Concen: 31.402 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampled :

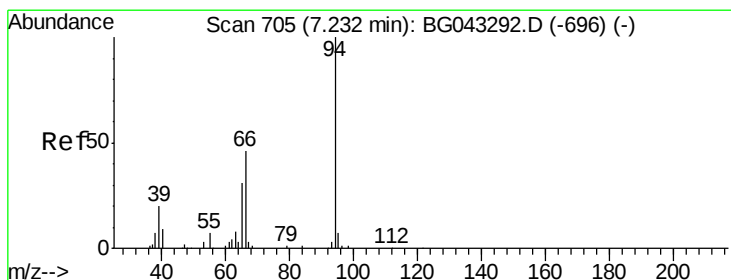
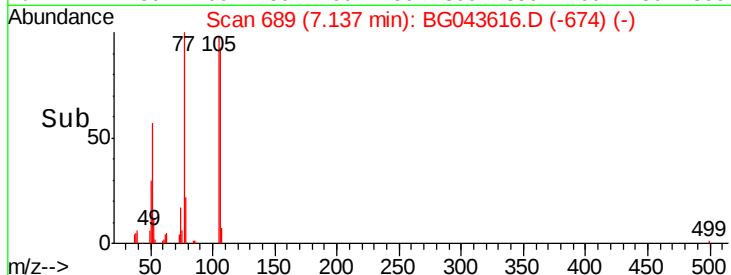
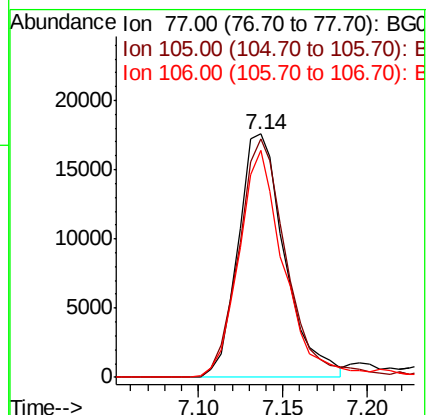
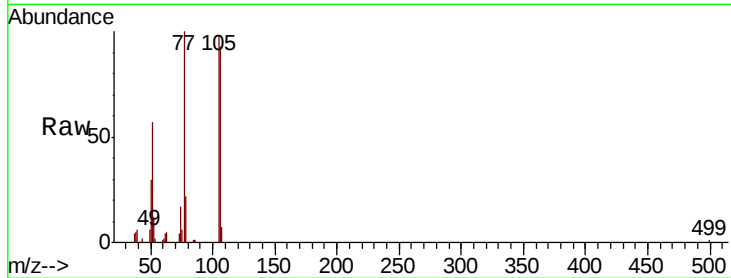
Tot Ion: 77 Resp: 33641

Ion Ratio Lower Upper

77 100

105 98.0 68.6 108.6

106 93.0 69.9 109.9



#10

Phenol

Concen: 48.411 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

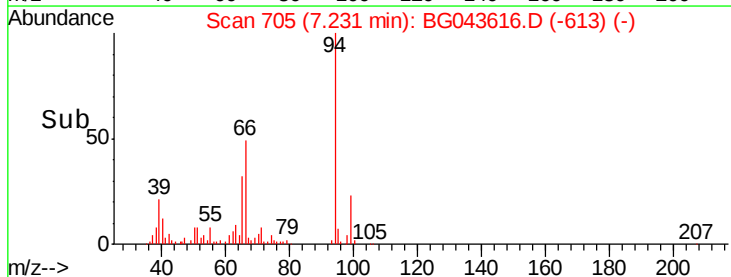
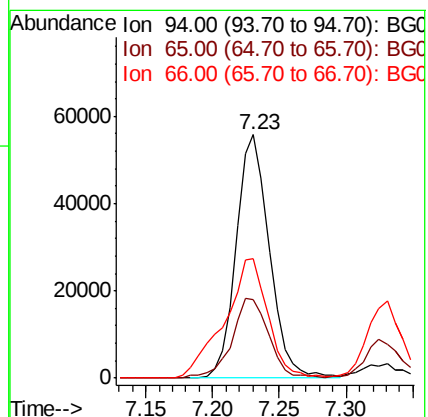
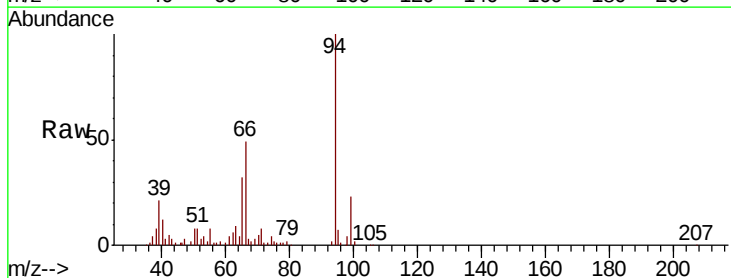
Tgt Ion: 94 Resp: 96434

Ion Ratio Lower Upper

94 100

65 32.3 12.6 52.6

66 48.9 30.7 70.7

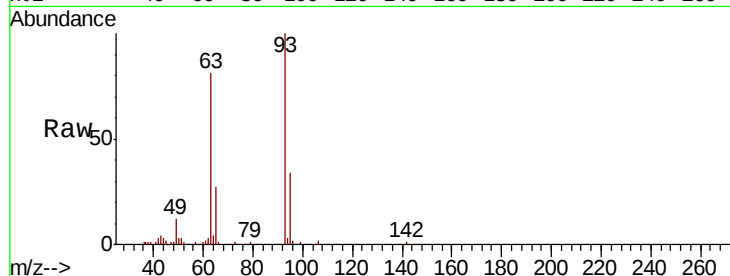




#11  
bis(2-Chloroethyl)ether  
Concen: 41.143 ng  
RT: 7.42 min Scan# 737  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | 93    | 63   | 95   |
|---------|-------|------|------|
| Resp:   | 63364 |      |      |
| Ratio   | 100   | 81.0 | 33.6 |
| Lower   |       | 56.3 | 12.2 |
| Upper   |       | 96.3 | 52.2 |

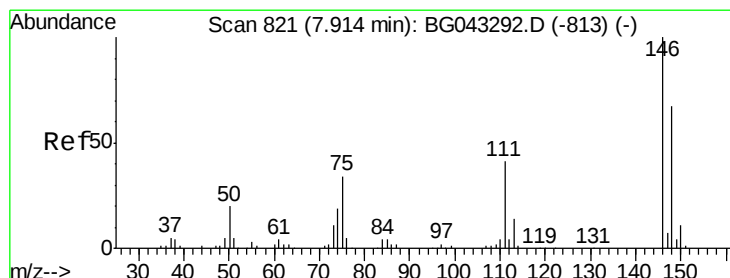
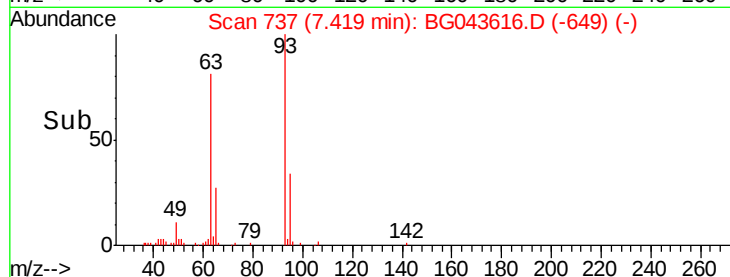
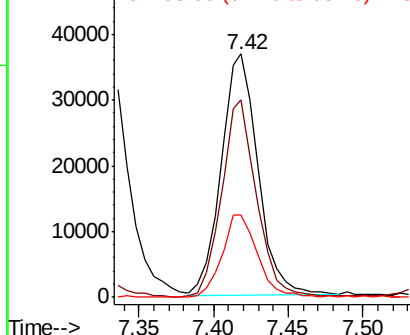


Abundance

Ion 93.00 (92.70 to 93.70): BGC

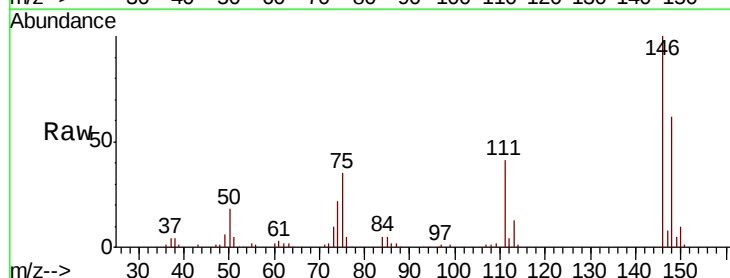
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12  
1,3-Dichlorobenzene  
Concen: 39.992 ng  
RT: 7.88 min Scan# 816  
Delta R.T. -0.02 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

| Tgt Ion | 146   | 148  | 75   |
|---------|-------|------|------|
| Resp:   | 83804 |      |      |
| Ratio   | 100   | 61.6 | 34.5 |
| Lower   |       | 50.3 | 24.6 |
| Upper   |       | 75.5 | 37.0 |

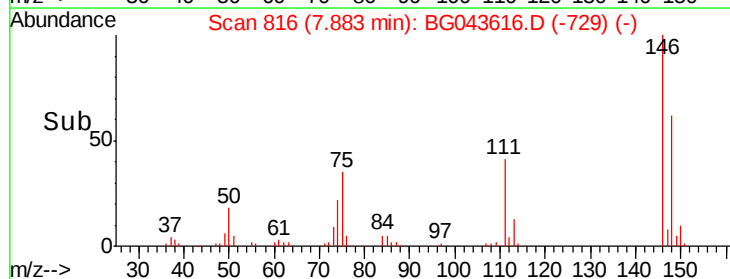
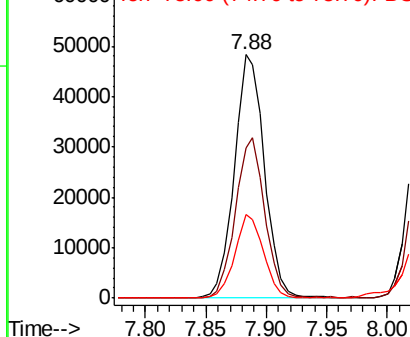


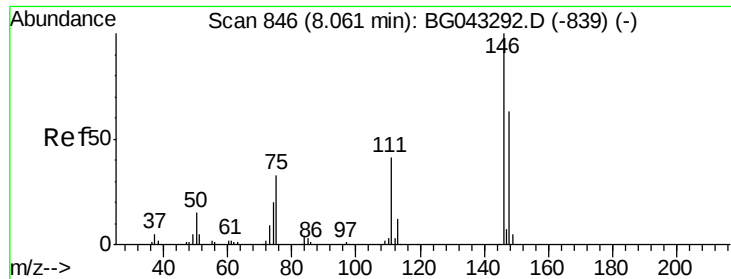
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

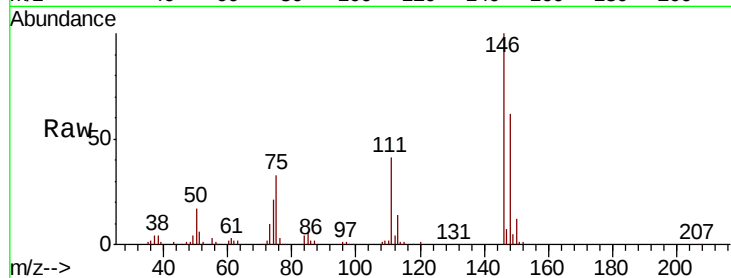




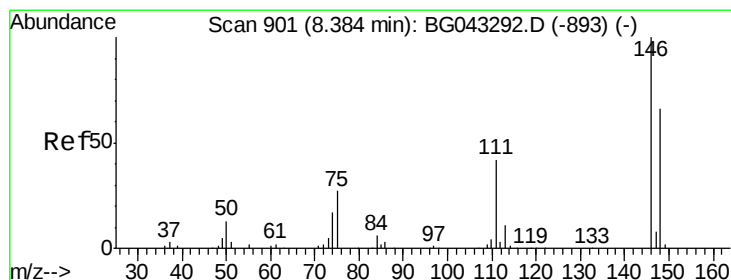
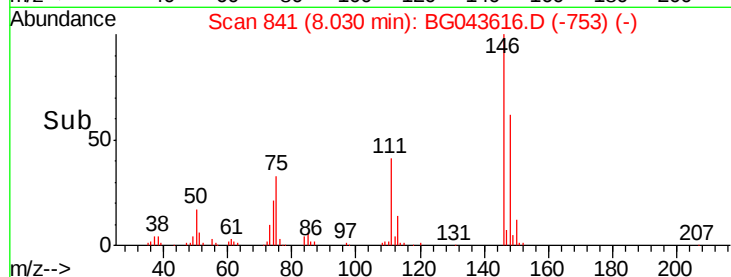
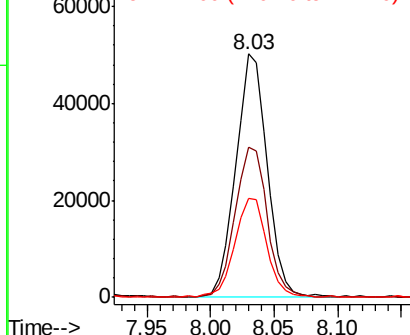
#13  
 1,4-Dichlorobenzene  
 Concen: 40.645 ng  
 RT: 8.03 min Scan# 841  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 86175  
 Ion Ratio Lower Upper  
 146 100  
 148 61.6 50.7 76.1  
 111 40.6 33.4 50.2

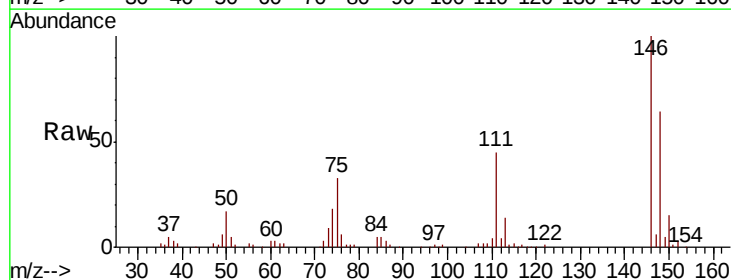


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

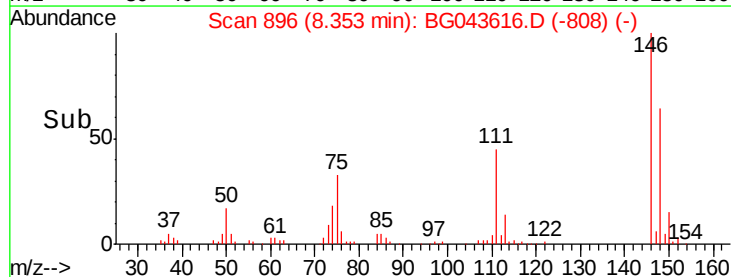
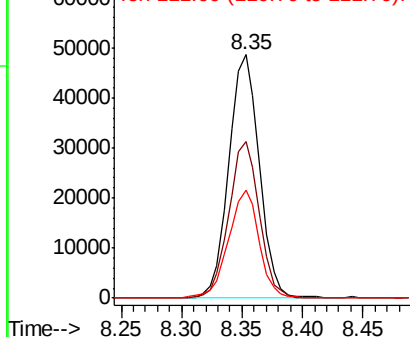


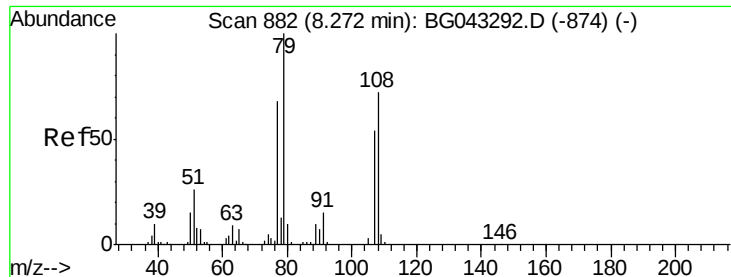
#14  
 1,2-Dichlorobenzene  
 Concen: 41.257 ng  
 RT: 8.35 min Scan# 896  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Tgt Ion:146 Resp: 85407  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 53.2 79.8  
 111 44.6 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: 45.714 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampled :

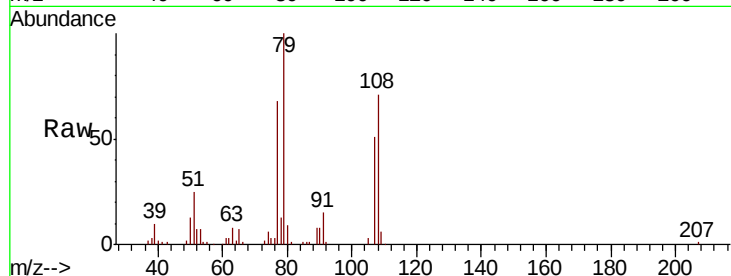
Tot Ion: 79 Resp: 69986

Ion Ratio Lower Upper

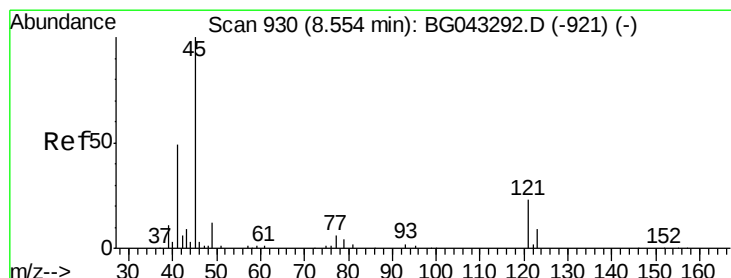
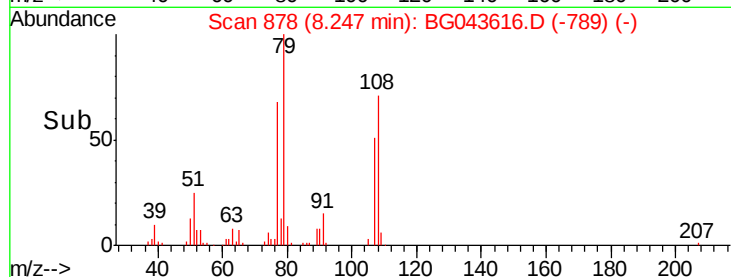
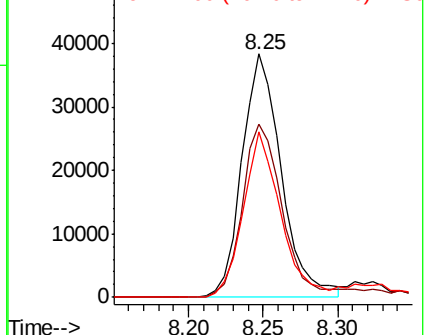
79 100

108 71.2 53.6 80.4

77 68.2 49.6 74.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.090 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

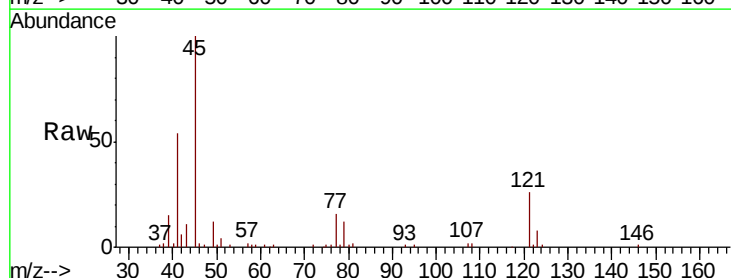
Tgt Ion: 45 Resp: 89779

Ion Ratio Lower Upper

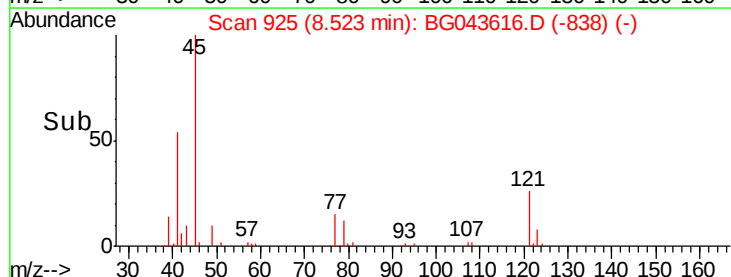
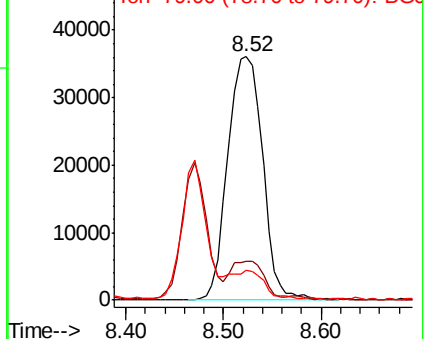
45 100

77 16.0 0.0 34.9

79 12.4 0.0 33.0



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





#17

2-Methylphenol

Concen: 48.095 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 69842

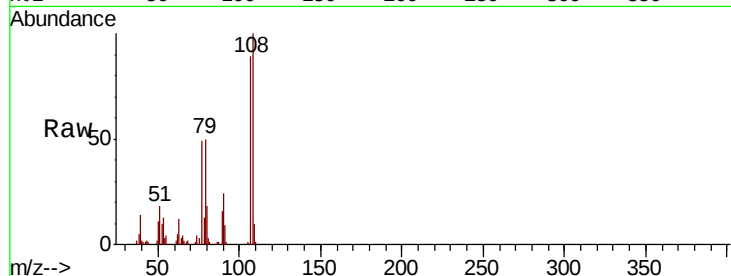
Ion Ratio Lower Upper

107 100

108 112.5 90.2 135.4

77 55.3 40.2 60.2

79 56.1 44.0 66.0

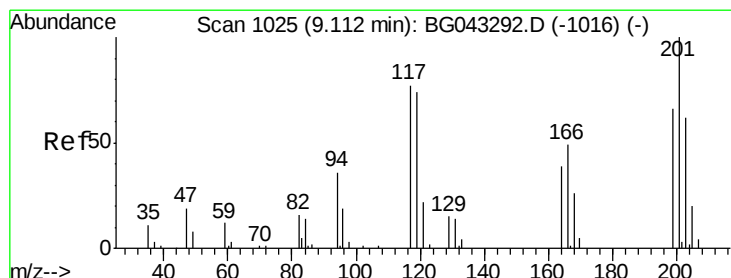
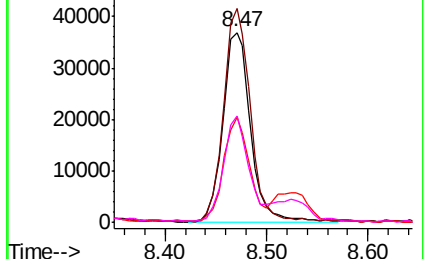
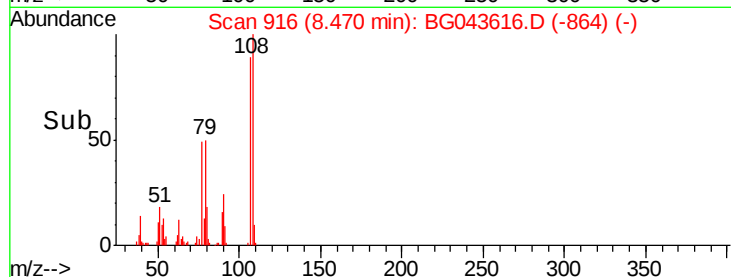


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.279 ng

RT: 9.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

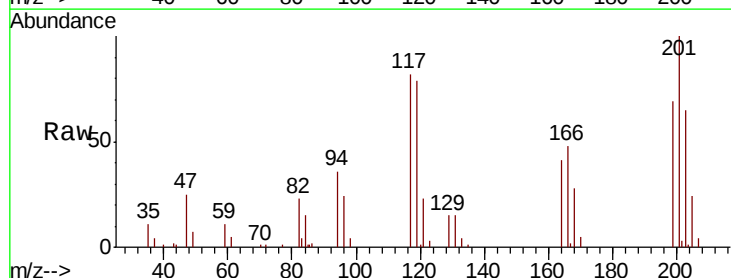
Tgt Ion:117 Resp: 29281

Ion Ratio Lower Upper

117 100

119 96.4 79.0 118.4

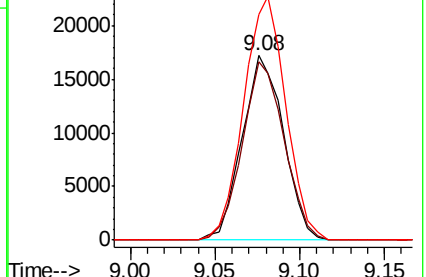
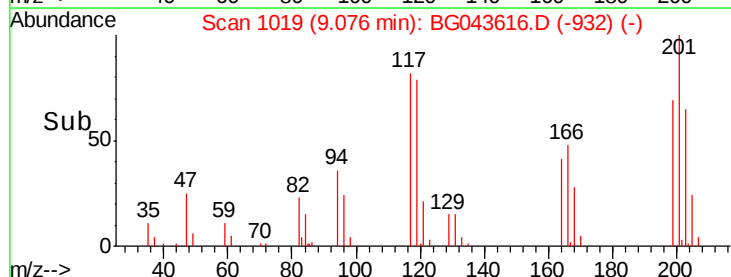
201 122.5 105.4 158.2

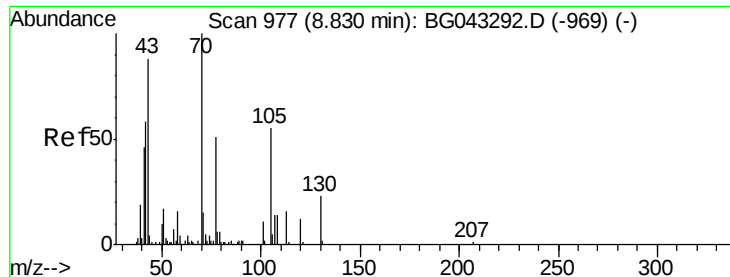


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

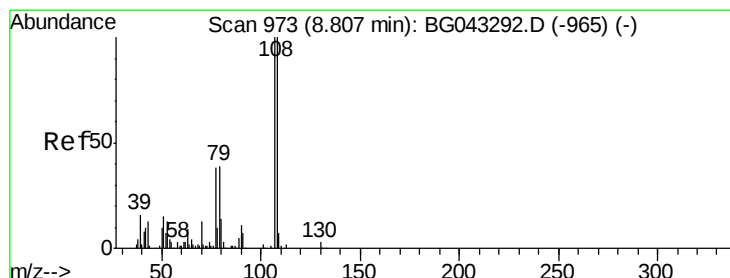
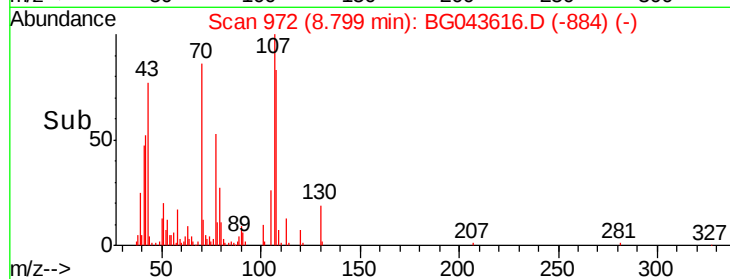
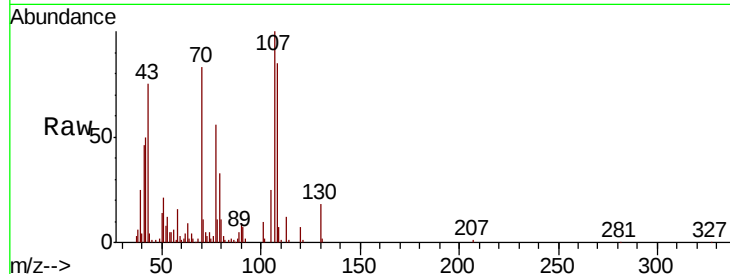
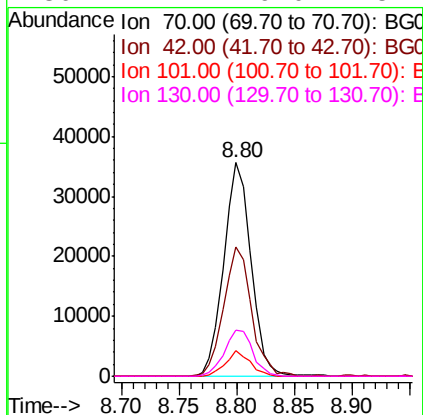




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.436 ng  
RT: 8.80 min Scan# 972  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

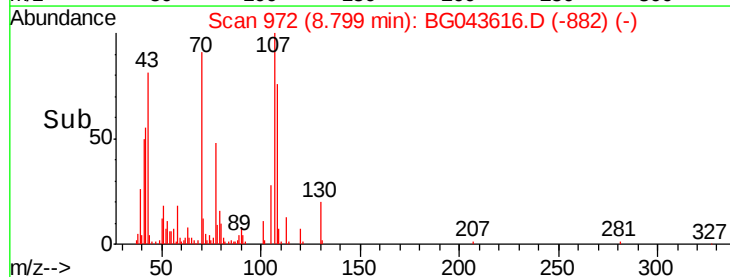
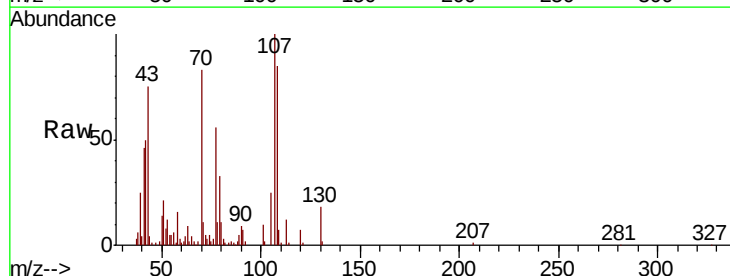
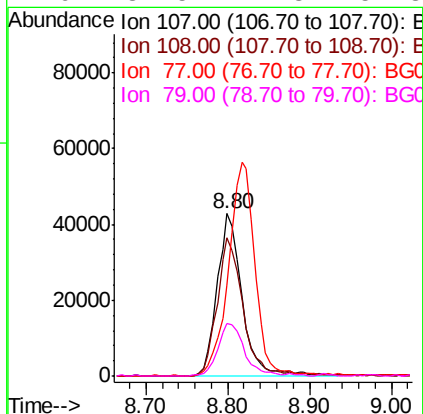
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 60.7 | 41.4  | 62.2  |       |
| 101     | 11.8 | 7.9   | 11.9  |       |
| 130     | 21.7 | 19.0  | 28.4  |       |



#20  
3+4-Methylphenols  
Concen: 45.817 ng  
RT: 8.80 min Scan# 972  
Delta R.T. -0.00 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 84.7 | 66.6  | 106.6 |       |
| 77      | 56.0 | 20.9  | 60.9  |       |
| 79      | 32.5 | 11.3  | 51.3  |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 114085

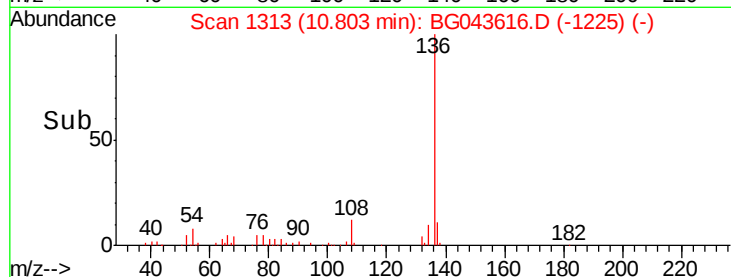
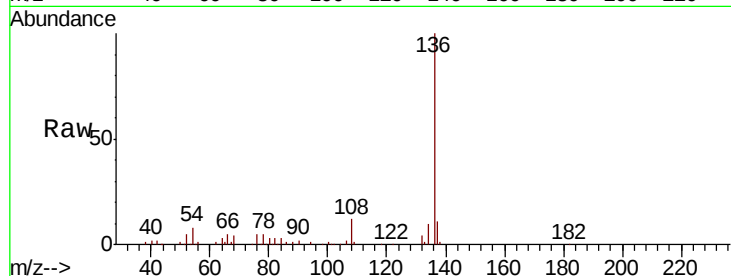
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.6 5.4 8.2

68 3.6 3.0 4.4

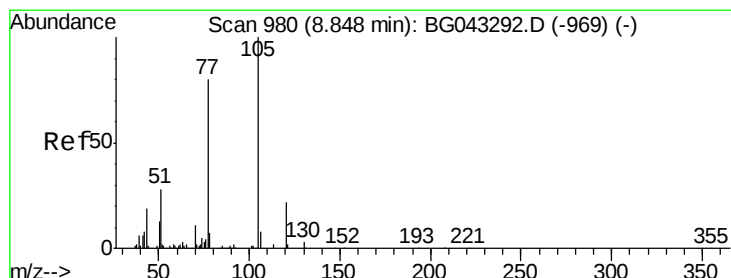
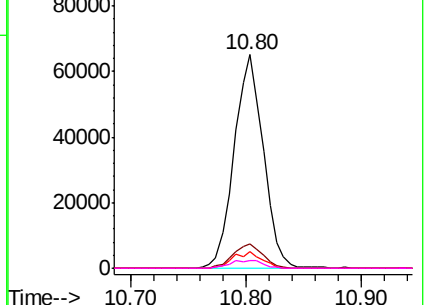


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.184 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Tgt Ion:105 Resp: 117403

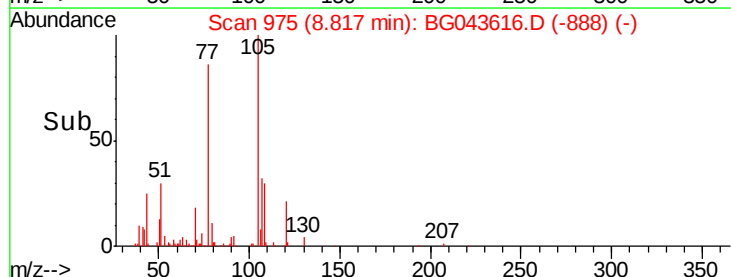
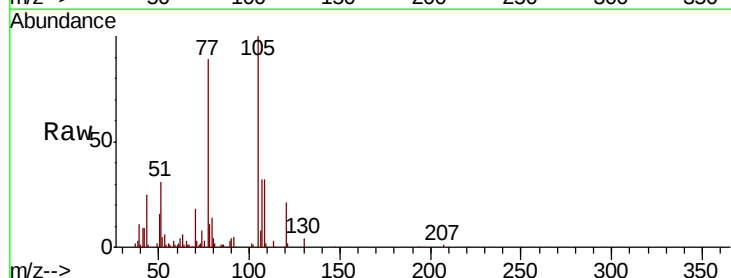
Ion Ratio Lower Upper

105 100

71 3.1 0.8 1.2#

51 30.9 21.0 31.4

120 20.6 18.0 27.0

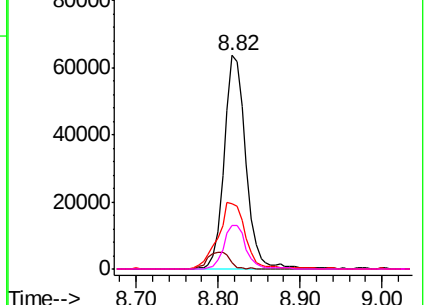


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

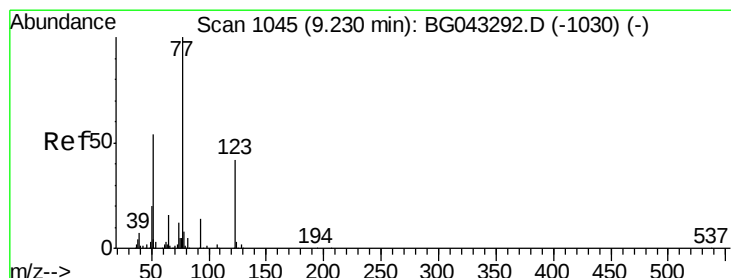
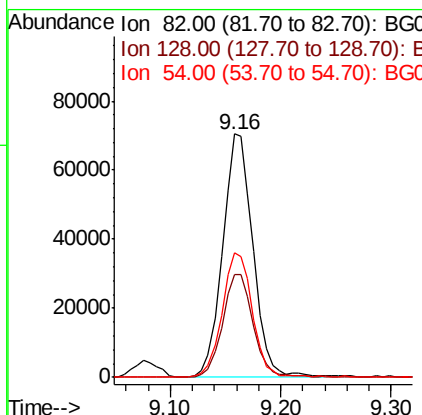
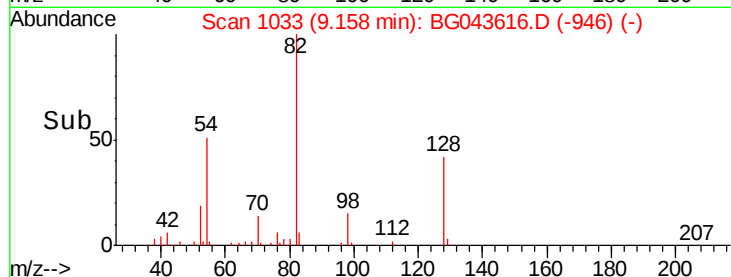
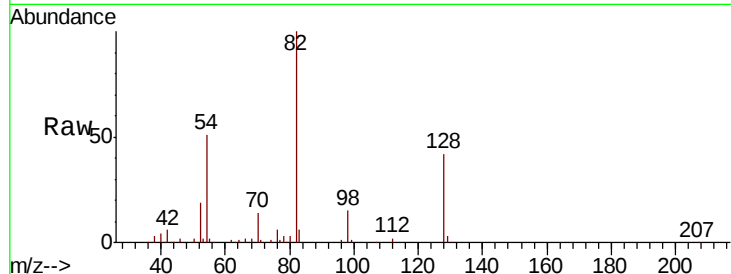




#23  
 Nitrobenzene-d5  
 Concen: 61.157 ng  
 RT: 9.16 min Scan# 1033  
 Delta R.T. -0.02 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

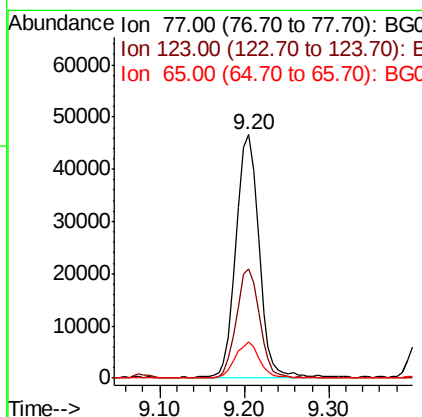
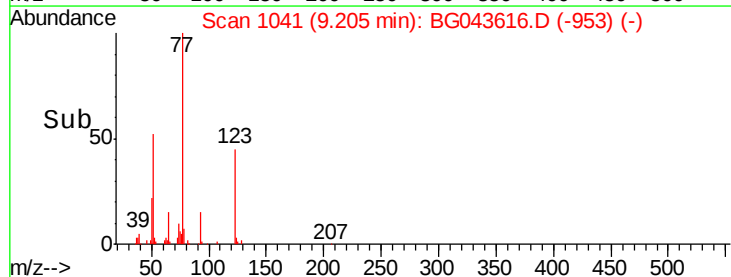
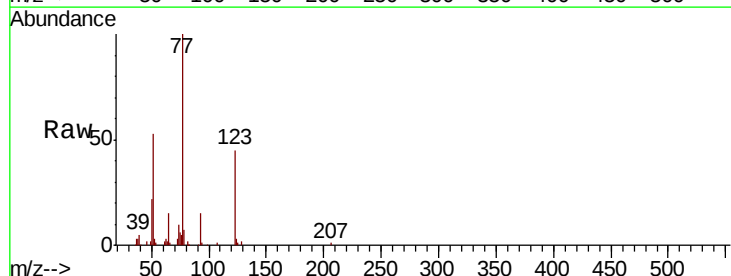
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 82   | Resp  | 135335 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 42.2 | 35.0  | 52.6   |
| 54        | 51.4 | 40.2  | 60.2   |



#24  
 Nitrobenzene  
 Concen: 42.040 ng  
 RT: 9.20 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

| Tgt Ion   | 77   | Resp  | 88622 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 123       | 44.8 | 35.0  | 52.6  |
| 65        | 15.0 | 9.5   | 14.3# |

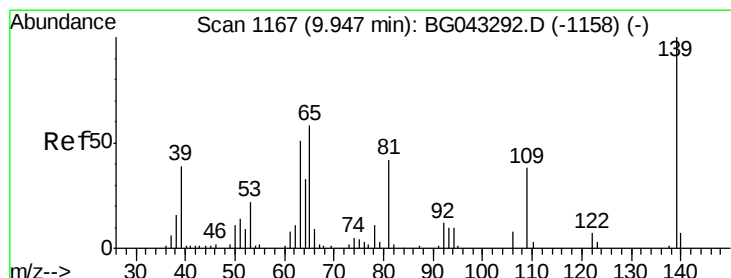
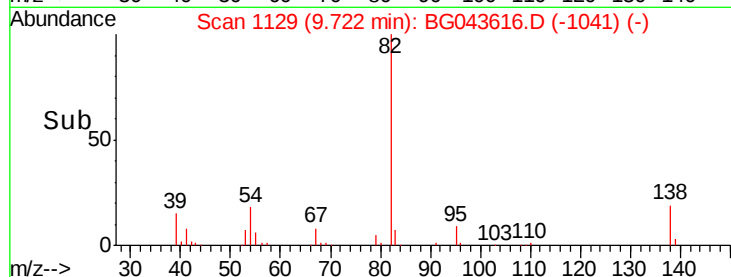
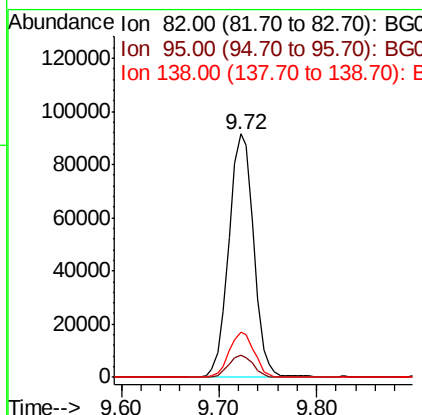
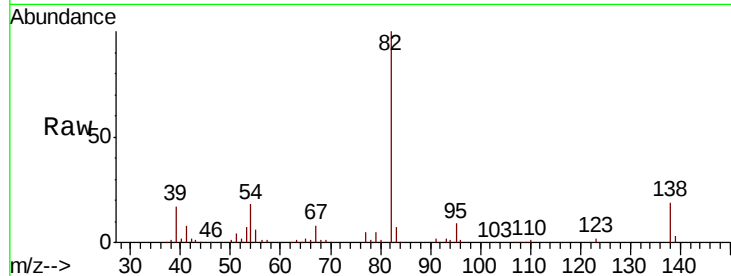




#25  
Isophorone  
Concen: 40.108 ng  
RT: 9.72 min Scan# 1129  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

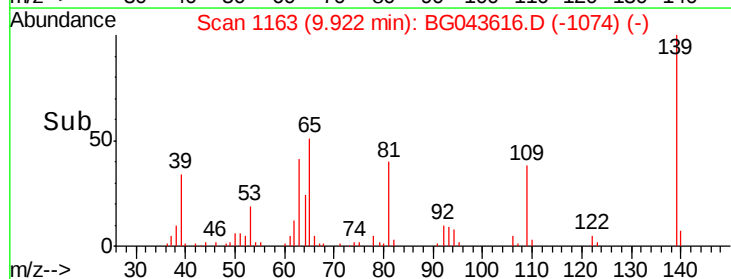
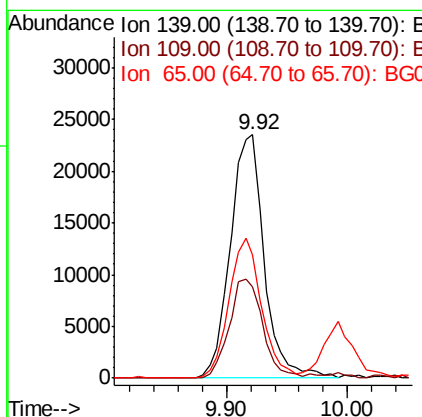
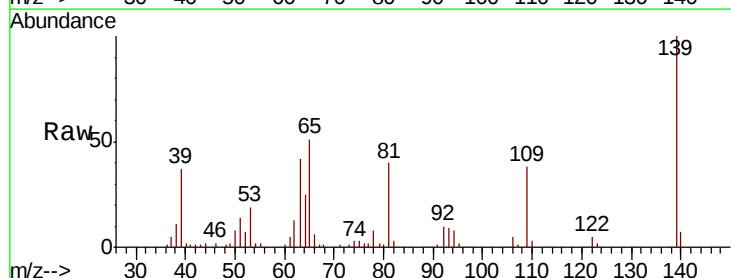
Instrument :  
BNA\_G  
ClientSampleId :

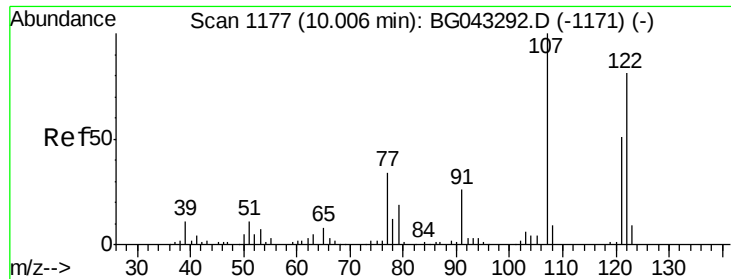
Tot Ion: 82 Resp: 162267  
Ion Ratio Lower Upper  
82 100  
95 9.1 6.6 9.8  
138 18.5 15.2 22.8



#26  
2-Nitrophenol  
Concen: 45.151 ng  
RT: 9.92 min Scan# 1163  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Tgt Ion: 139 Resp: 45951  
Ion Ratio Lower Upper  
139 100  
109 37.6 26.5 39.7  
65 50.6 43.8 65.8

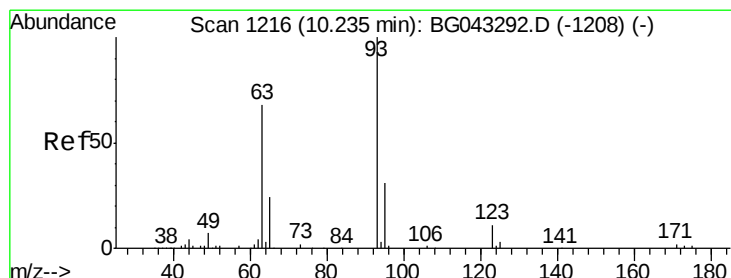
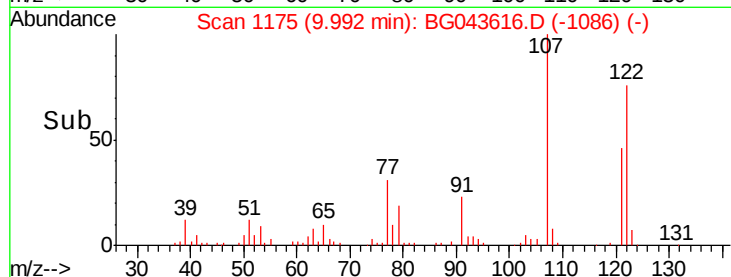
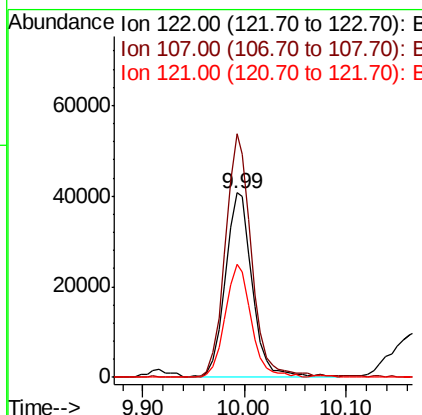
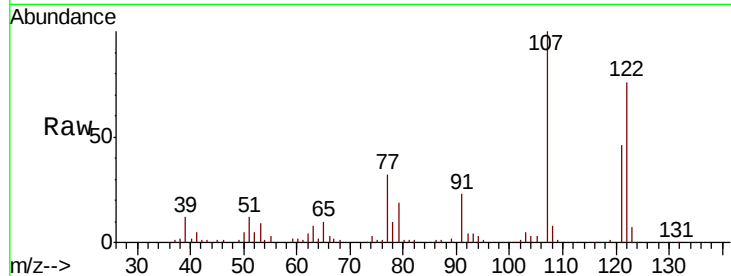




#27  
 2,4-Dimethylphenol  
 Concen: 50.635 ng  
 RT: 9.99 min Scan# 1175  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

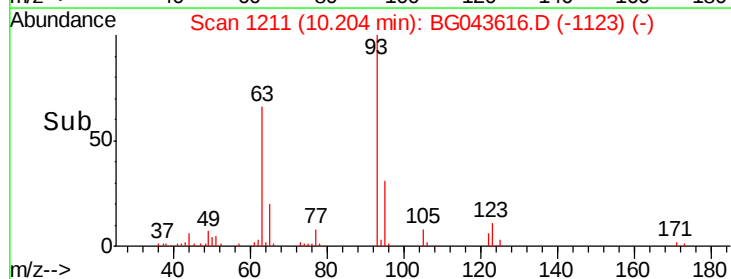
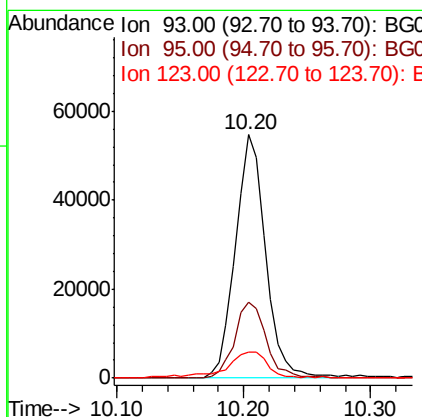
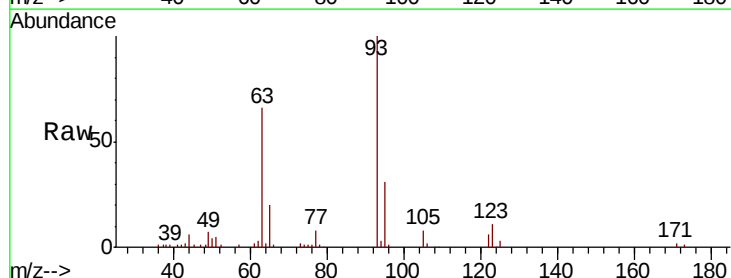
Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:122 Resp: 73860  
 Ion Ratio Lower Upper  
 122 100  
 107 131.9 104.4 156.6  
 121 61.2 47.2 70.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.379 ng  
 RT: 10.20 min Scan# 1211  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Tgt Ion: 93 Resp: 90163  
 Ion Ratio Lower Upper  
 93 100  
 95 31.3 26.0 39.0  
 123 10.6 10.6 15.8#

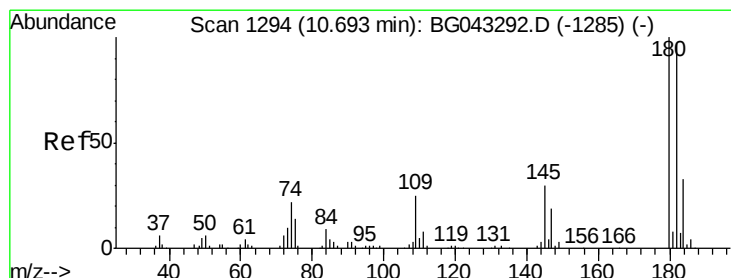
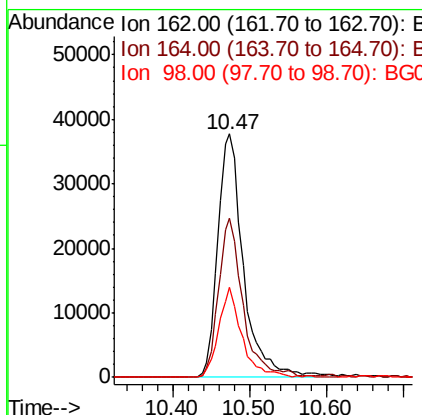
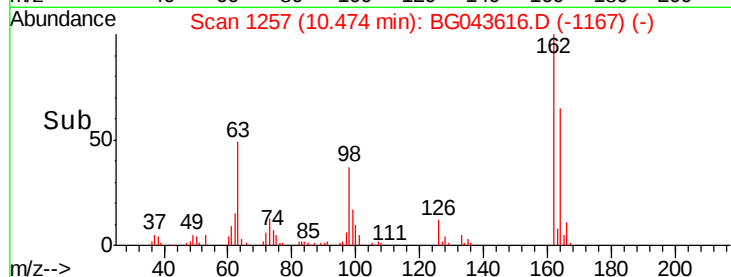
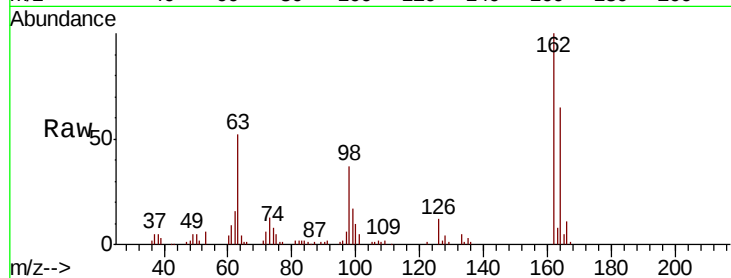




#29  
 2,4-Dichlorophenol  
 Concen: 46.619 ng  
 RT: 10.47 min Scan# 1257  
 Delta R.T. -0.00 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

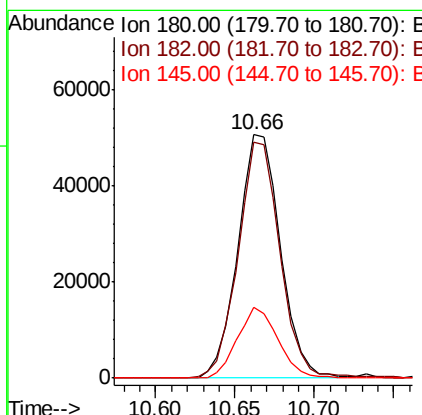
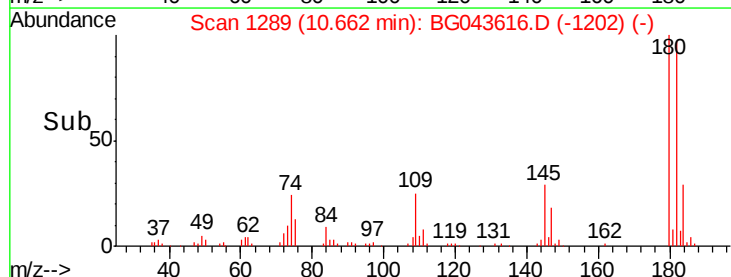
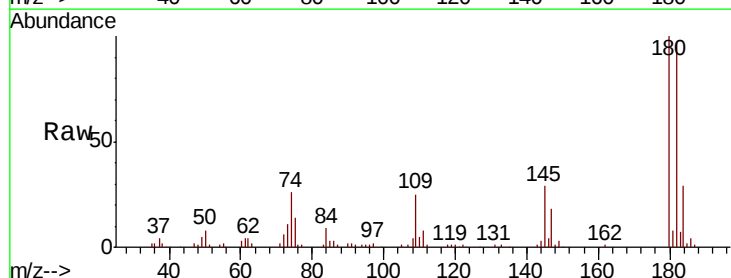
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.4  | 48.9  | 88.9  |
| 98      | 36.8  | 15.1  | 55.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.065 ng  
 RT: 10.66 min Scan# 1289  
 Delta R.T. -0.02 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.7  | 75.1  | 112.7 |
| 145     | 29.1  | 23.9  | 35.9  |

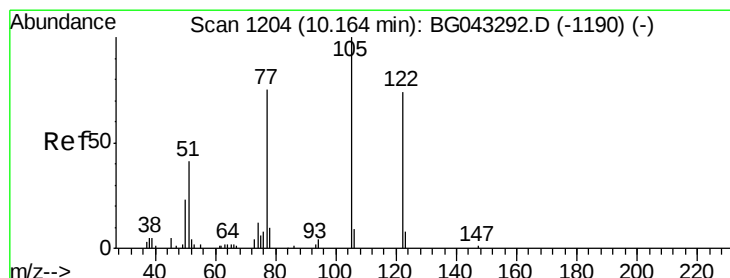
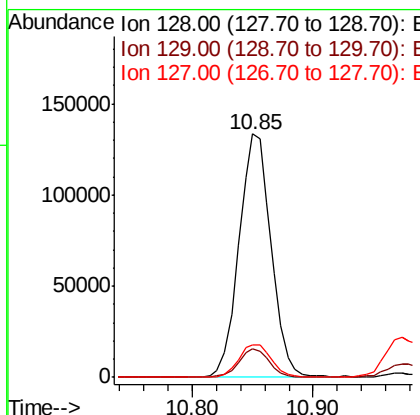
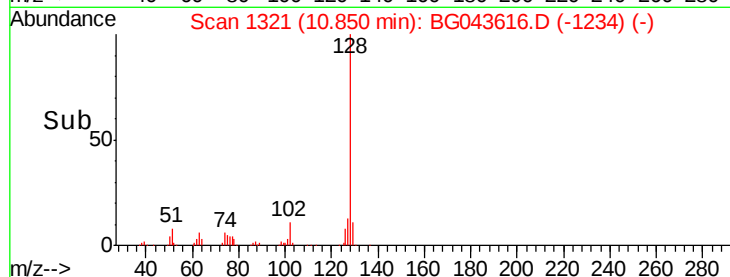
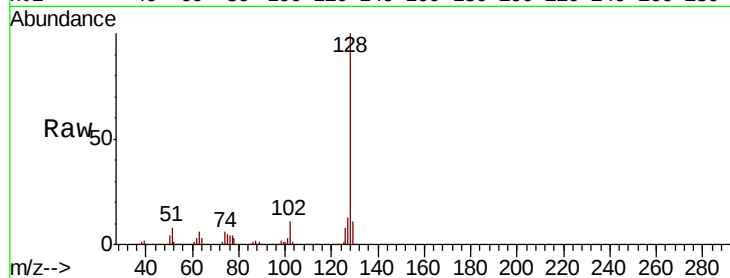




#31  
Naphthalene  
Concen: 42.713 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. -0.02 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

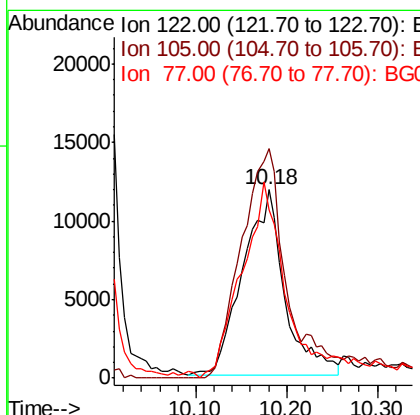
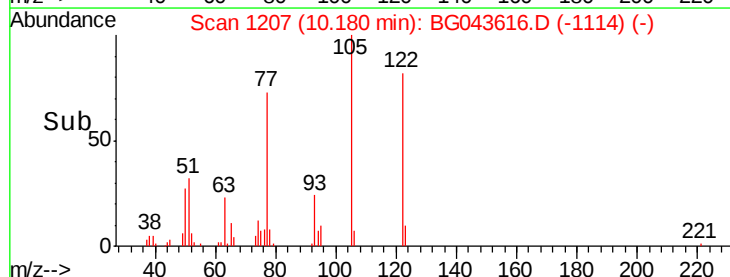
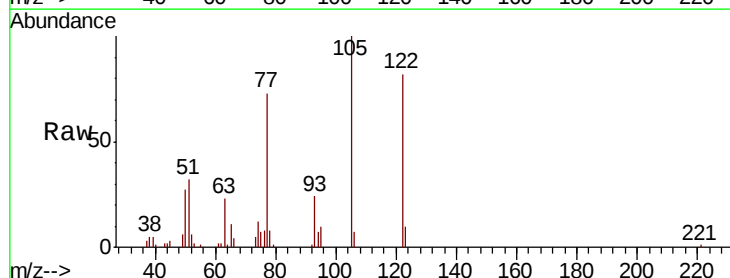
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 247348  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.4 14.0  
127 13.5 11.1 16.7



#32  
Benzoic acid  
Concen: 37.056 ng  
RT: 10.18 min Scan# 1207  
Delta R.T. 0.02 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Tgt Ion:122 Resp: 38441  
Ion Ratio Lower Upper  
122 100  
105 121.7 103.3 143.3  
77 89.1 84.9 124.9

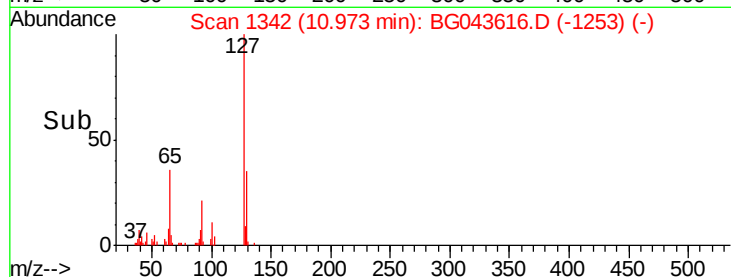
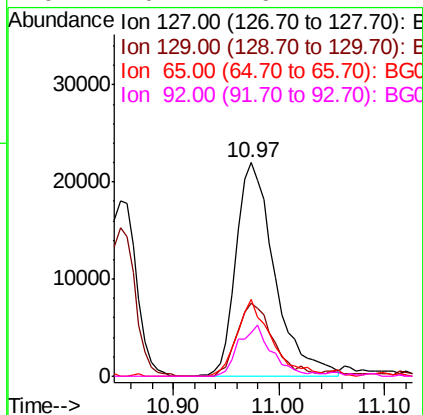
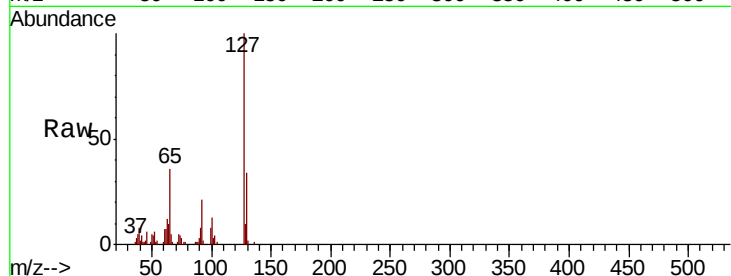




#33  
4-Chloroaniline  
Concen: 23.550 ng  
RT: 10.97 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

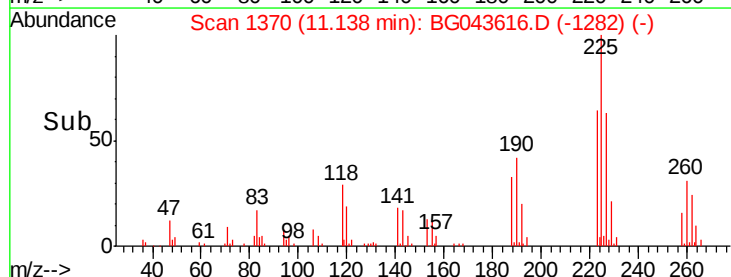
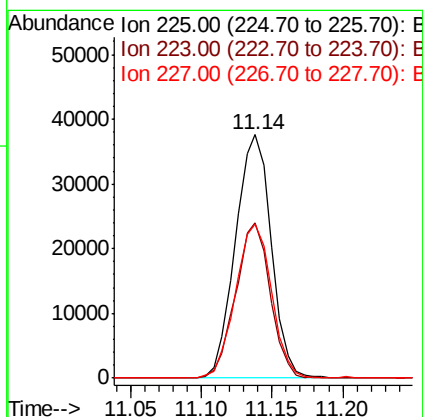
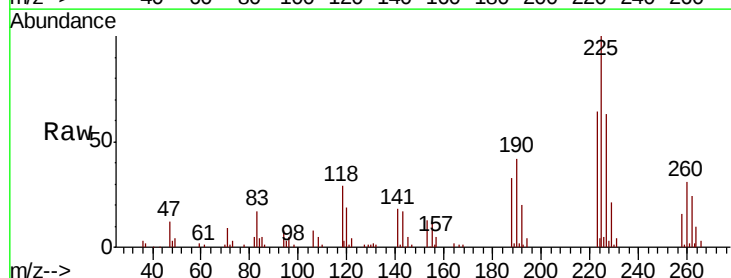
Instrument :  
BNA\_G  
ClientSampleId :

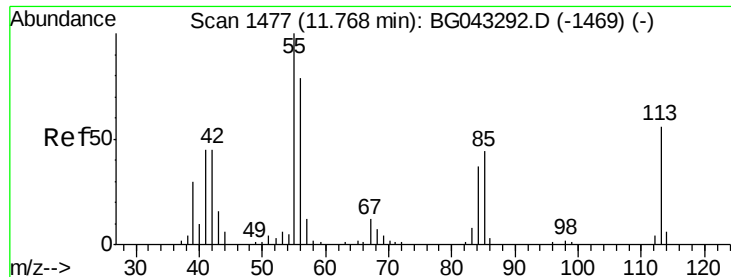
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 55901     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 34.3  | 26.5 39.7 |
| 65          | 35.7  | 26.4 39.6 |
| 92          | 20.7  | 16.2 24.2 |



#34  
Hexachlorobutadiene  
Concen: 38.131 ng  
RT: 11.14 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 66397     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.0  | 52.7 79.1 |
| 227         | 63.3  | 54.8 82.2 |

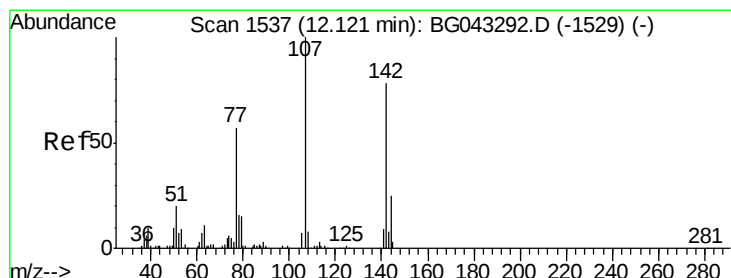
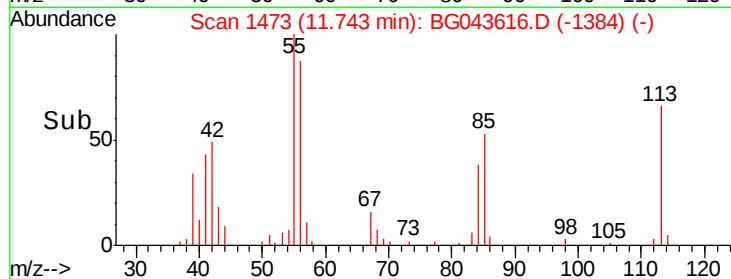
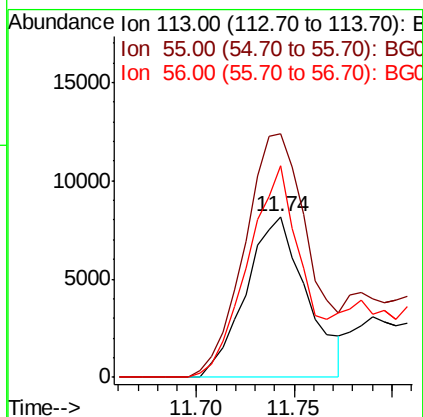
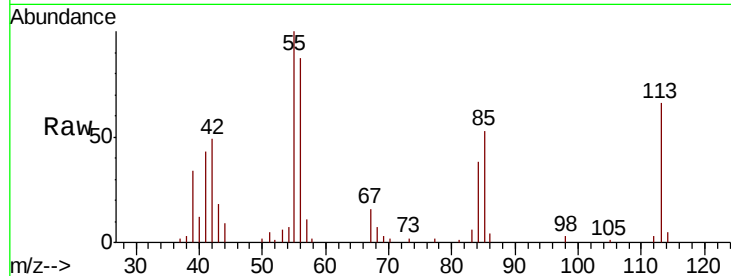




#35  
 Caprolactam  
 Concen: 27.318 ng  
 RT: 11.74 min Scan# 1473  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

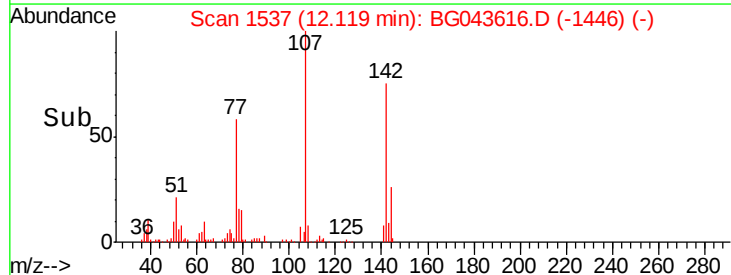
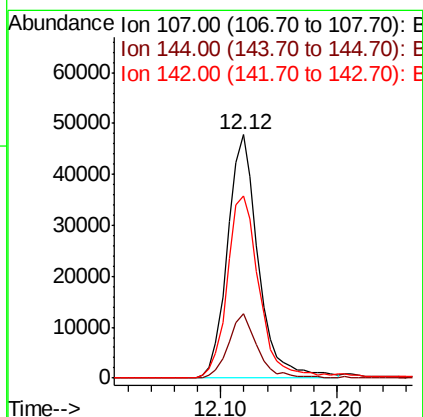
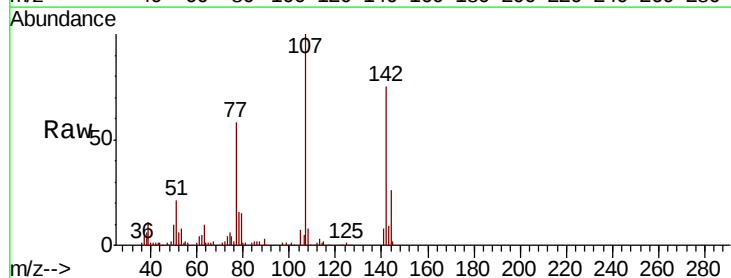
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:113 Resp: 17584  
 Ion Ratio Lower Upper  
 113 100  
 55 151.7 134.1 174.1  
 56 132.1 100.4 140.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.348 ng  
 RT: 12.12 min Scan# 1537  
 Delta R.T. 0.00 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Tgt Ion:107 Resp: 88371  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 20.9 31.3  
 142 74.6 59.6 89.4

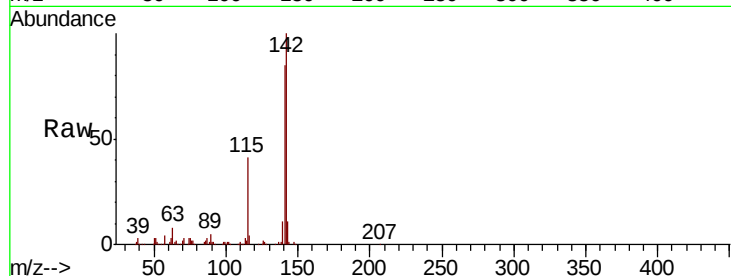




#37  
 2-Methylnaphthalene  
 Concen: 42.957 ng  
 RT: 12.46 min Scan# 1595  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 85.4  | 72.2  | 108.2 |
| 115     | 40.7  | 33.2  | 49.8  |

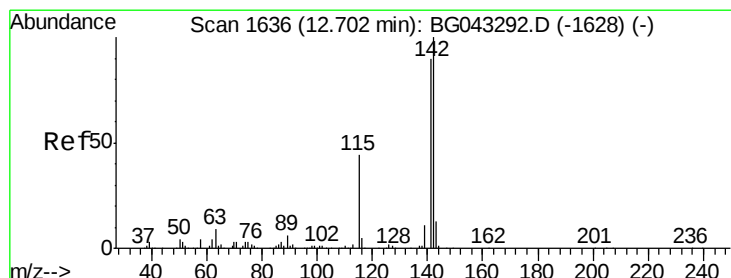
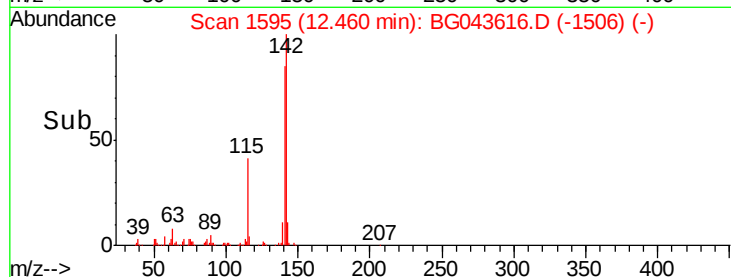
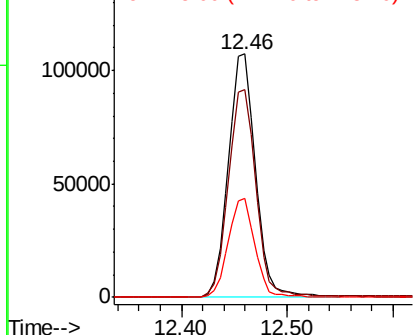


Abundance

Ion 142.00 (141.70 to 142.70): E

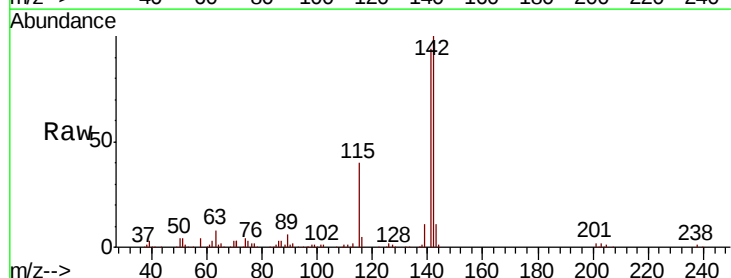
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
 1-Methylnaphthalene  
 Concen: 41.551 ng  
 RT: 12.68 min Scan# 1632  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.9  | 73.2  | 109.8 |
| 116     | 4.5   | 3.6   | 5.4   |

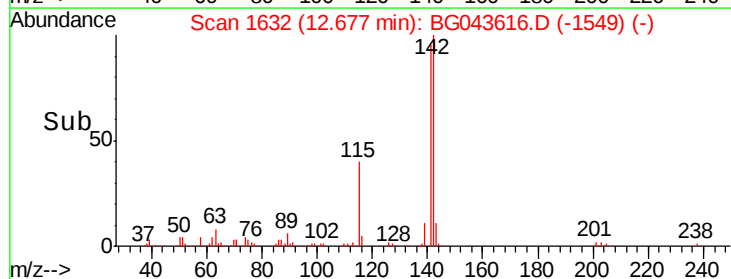
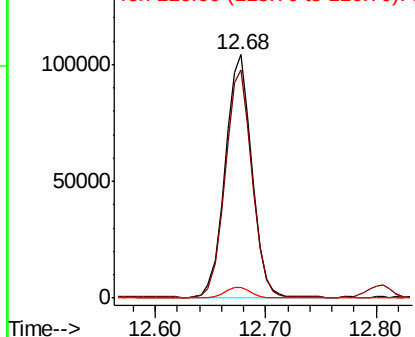


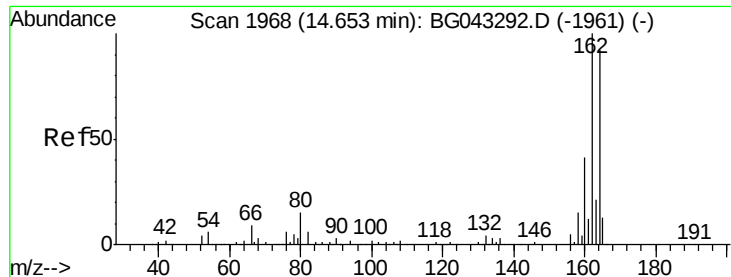
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

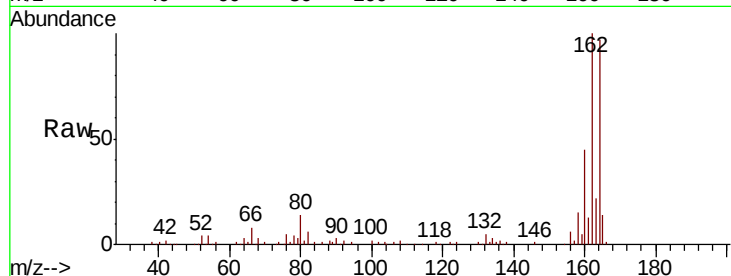




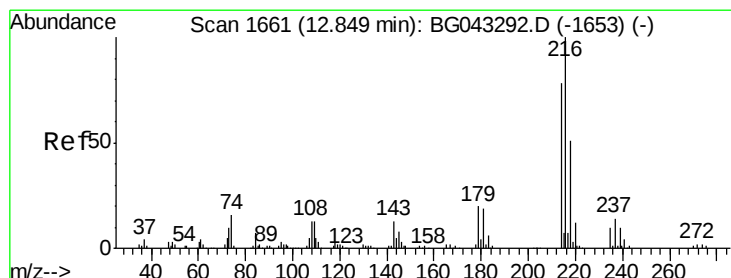
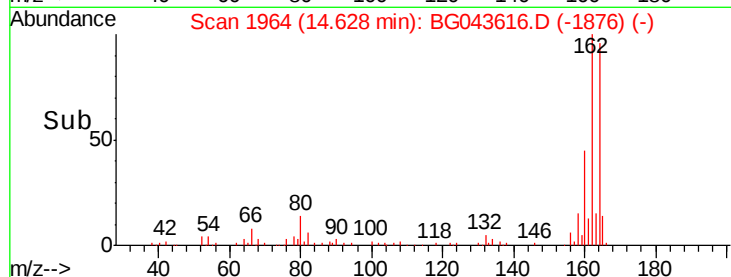
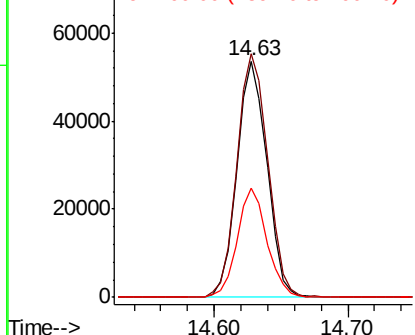
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.63 min Scan# 1964  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:164 Resp: 82992  
Ion Ratio Lower Upper  
164 100  
162 103.1 83.5 125.3  
160 46.4 36.5 54.7

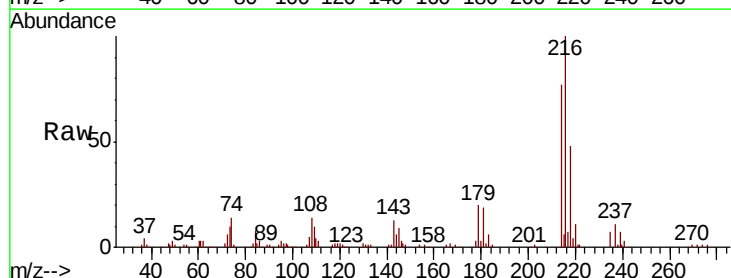


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

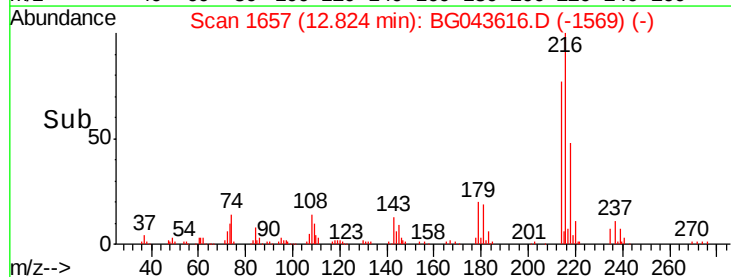
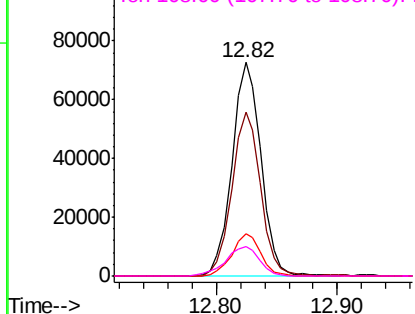


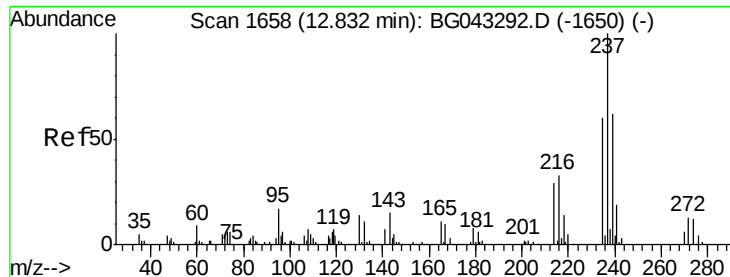
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.512 ng  
RT: 12.82 min Scan# 1657  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Tgt Ion:216 Resp: 121357  
Ion Ratio Lower Upper  
216 100  
214 76.0 61.7 92.5  
179 19.5 15.8 23.8  
108 15.7 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: 54.853 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

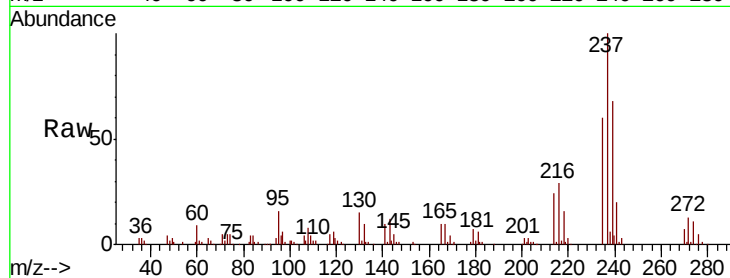
Tot Ion:237 Resp: 88501

Ion Ratio Lower Upper

237 100

235 60.2 41.6 81.6

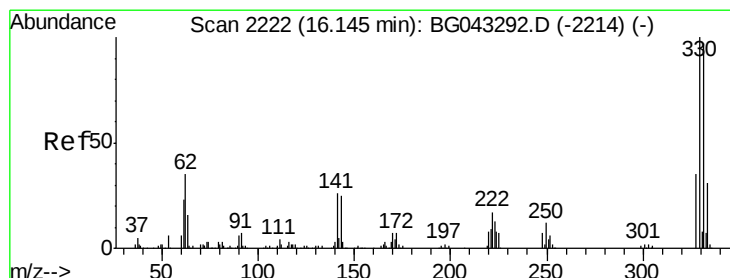
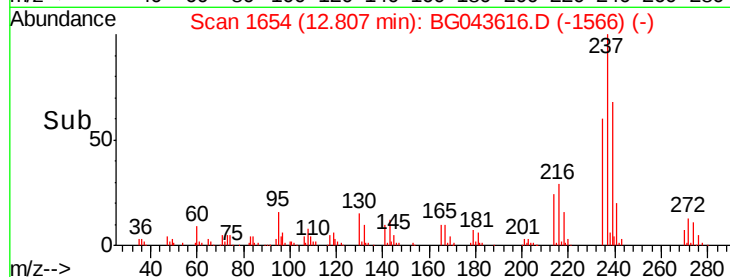
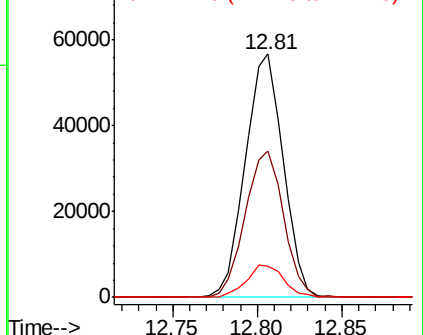
272 12.6 0.0 32.5



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: 106.374 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

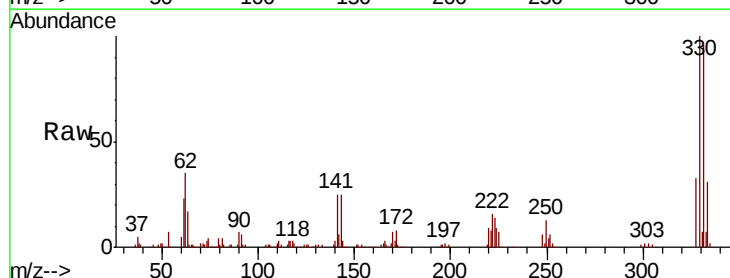
Tgt Ion:330 Resp: 168000

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

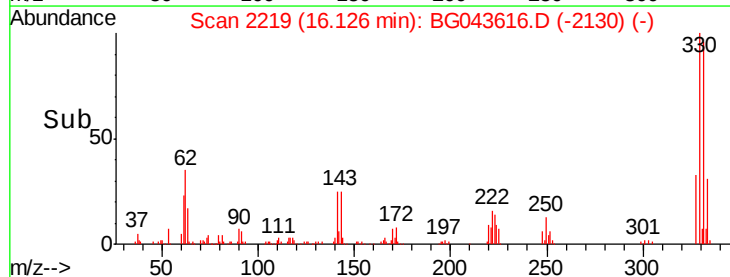
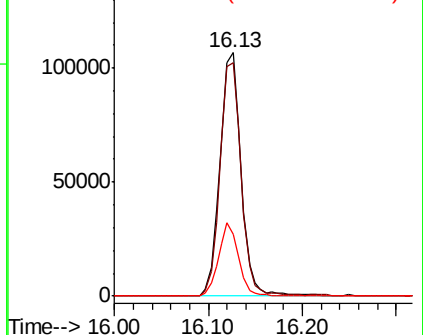
141 28.4 22.8 34.2



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

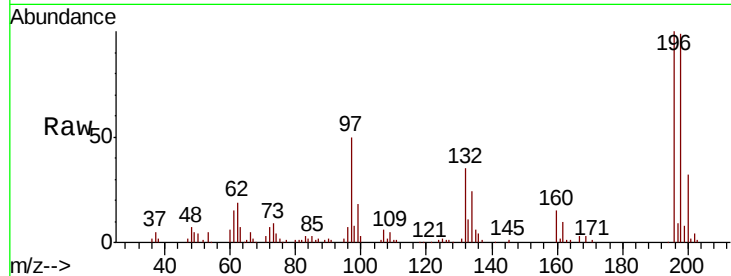




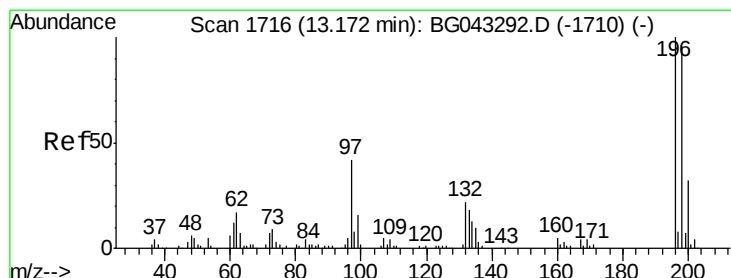
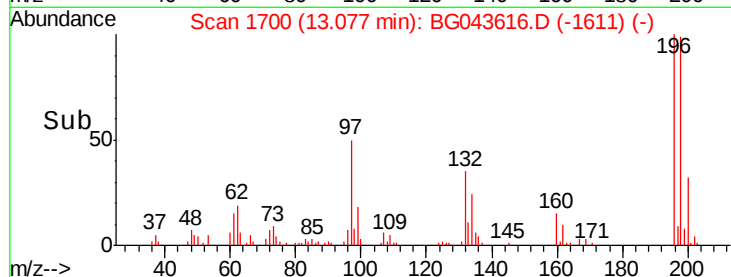
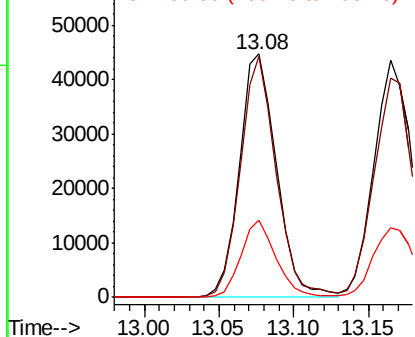
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.524 ng  
 RT: 13.08 min Scan# 1700  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:196 Resp: 76916  
 Ion Ratio Lower Upper  
 196 100  
 198 99.0 75.8 113.6  
 200 31.8 23.9 35.9

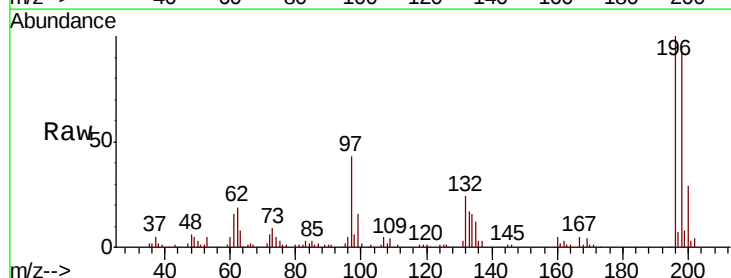


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

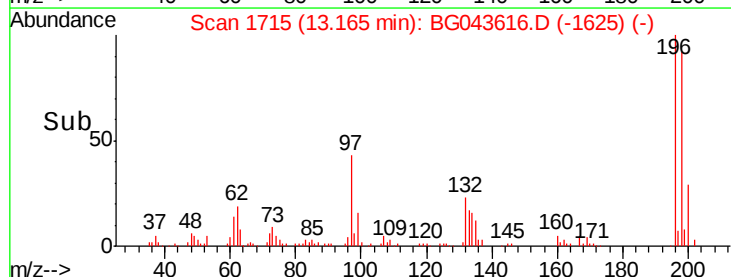
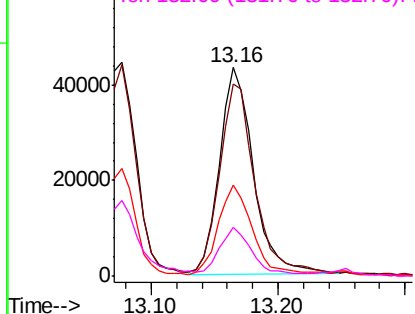


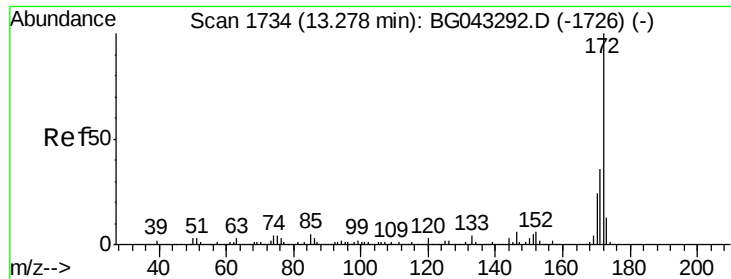
#44  
 2,4,5-Trichlorophenol  
 Concen: 44.088 ng  
 RT: 13.16 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Tgt Ion:196 Resp: 80621  
 Ion Ratio Lower Upper  
 196 100  
 198 92.2 74.5 111.7  
 97 43.4 36.3 54.5  
 132 23.6 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

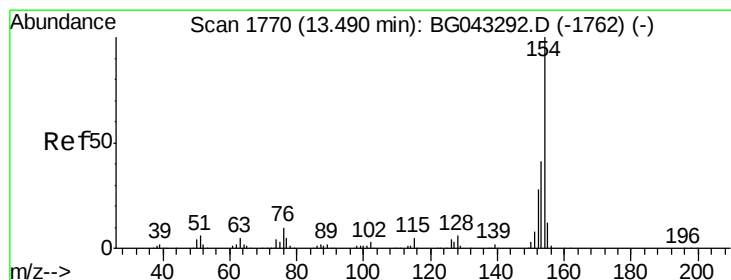
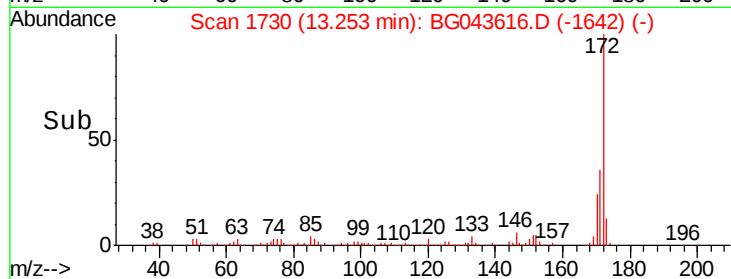
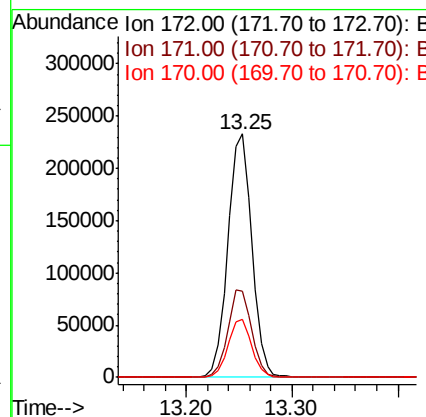
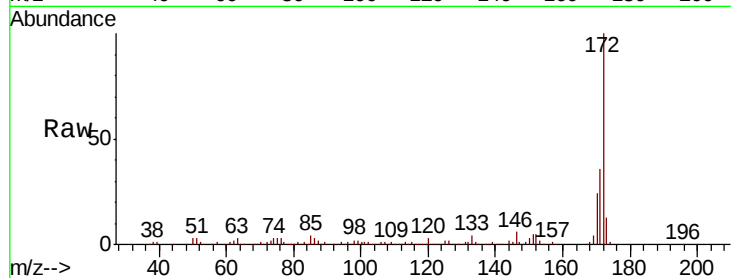




#45  
2-Fluorobiphenyl  
Concen: 60.899 ng  
RT: 13.25 min Scan# 1730  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

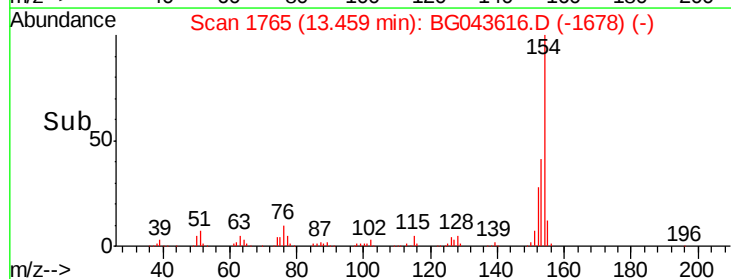
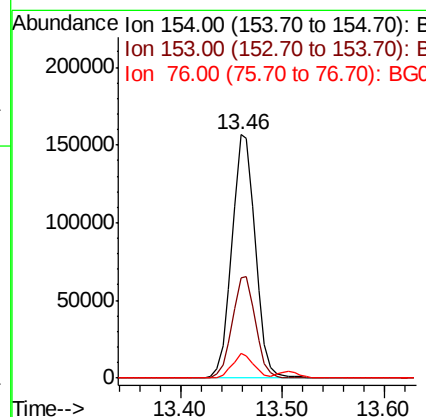
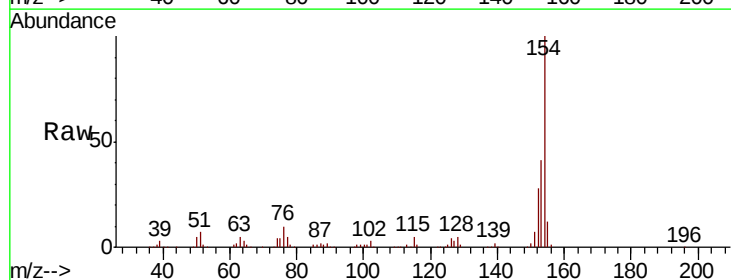
Instrument :  
BNA\_G  
ClientSampleId :

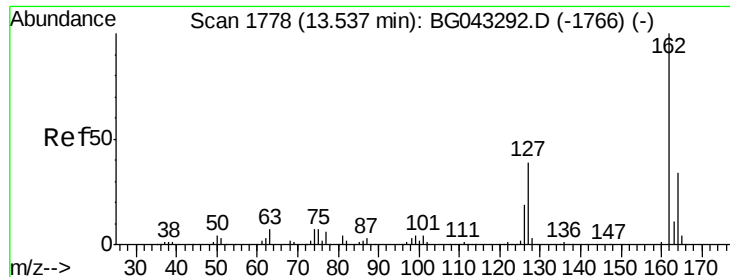
Tot Ion:172 Resp: 365761  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.9 43.3  
170 23.8 18.5 27.7



#46  
1,1'-Biphenyl  
Concen: 39.728 ng  
RT: 13.46 min Scan# 1765  
Delta R.T. -0.02 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Tgt Ion:154 Resp: 250824  
Ion Ratio Lower Upper  
154 100  
153 41.3 19.9 59.9  
76 10.0 0.0 29.4

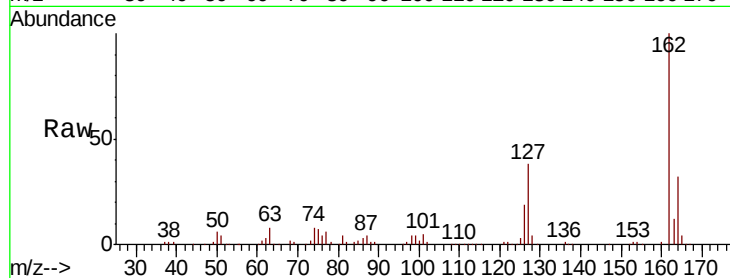




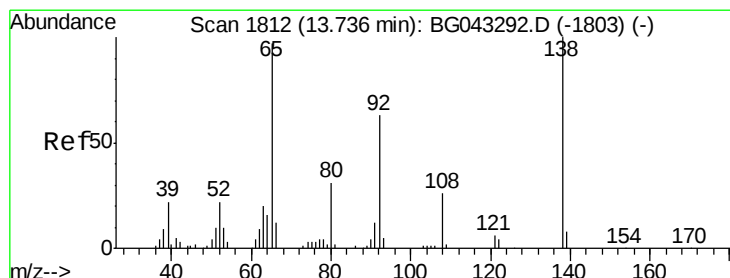
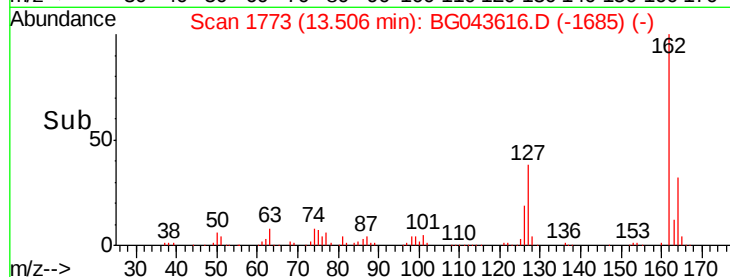
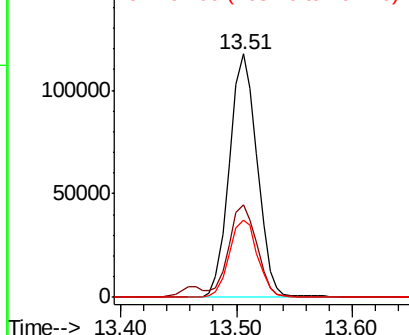
#47  
 2-Chloronaphthalene  
 Concen: 40.865 ng  
 RT: 13.51 min Scan# 1773  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:162 Resp: 196308  
 Ion Ratio Lower Upper  
 162 100  
 127 37.8 31.2 46.8  
 164 31.8 25.8 38.8

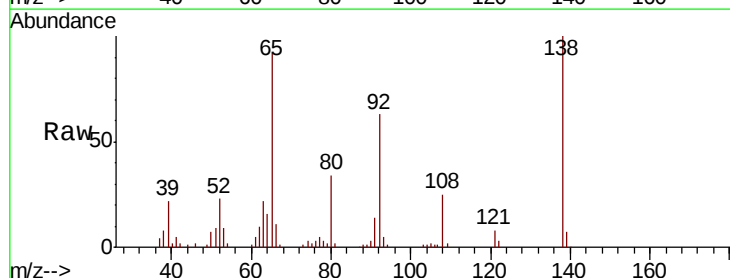


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

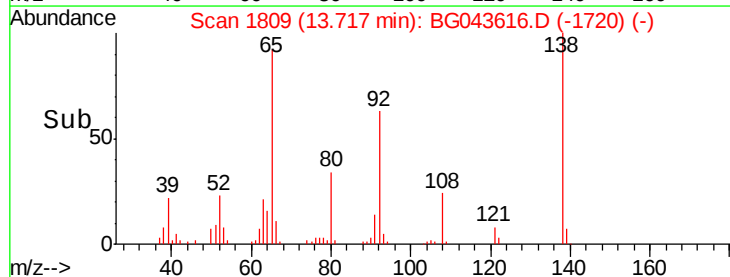
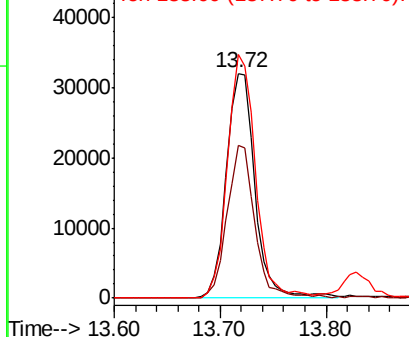


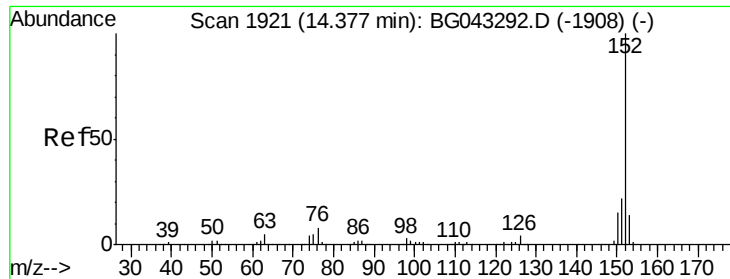
#48  
 2-Nitroaniline  
 Concen: 41.730 ng  
 RT: 13.72 min Scan# 1809  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Tgt Ion: 65 Resp: 59914  
 Ion Ratio Lower Upper  
 65 100  
 92 67.7 56.2 84.2  
 138 108.2 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: 42.781 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

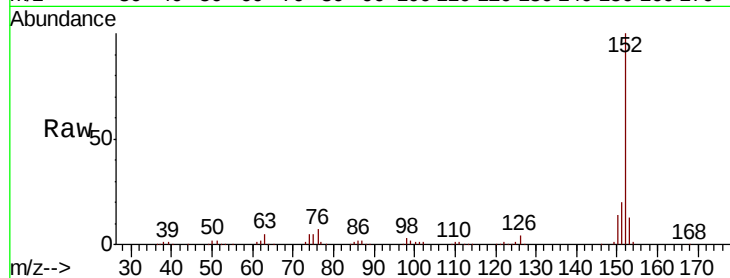
Tot Ion:152 Resp: 319853

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

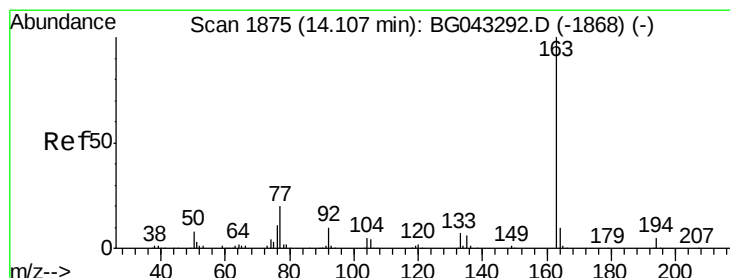
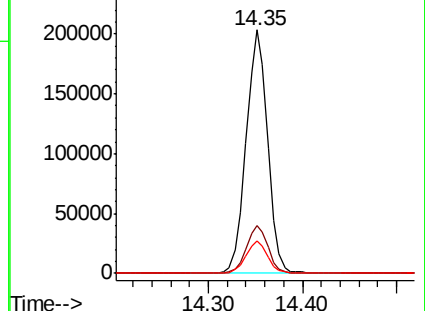
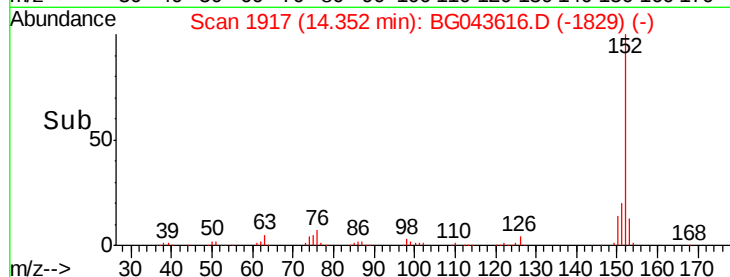
153 13.5 10.6 15.8



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: 39.855 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

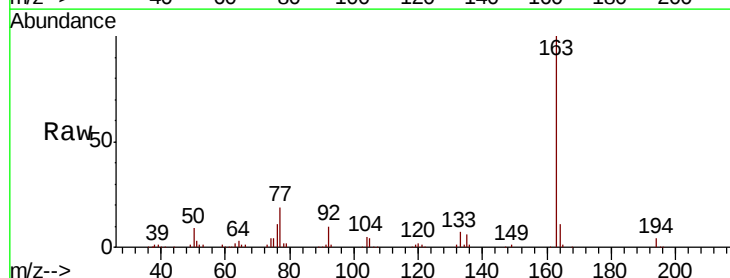
Tgt Ion:163 Resp: 256197

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

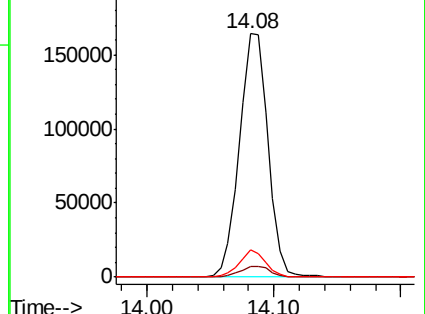
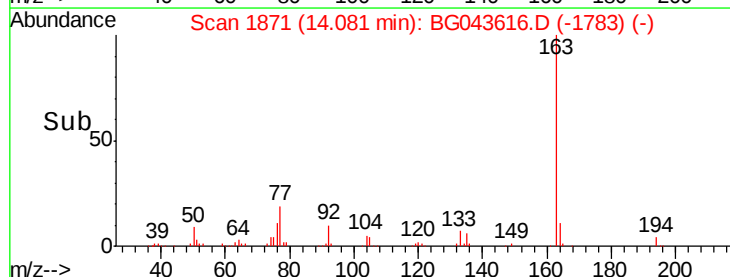
164 11.2 8.9 13.3

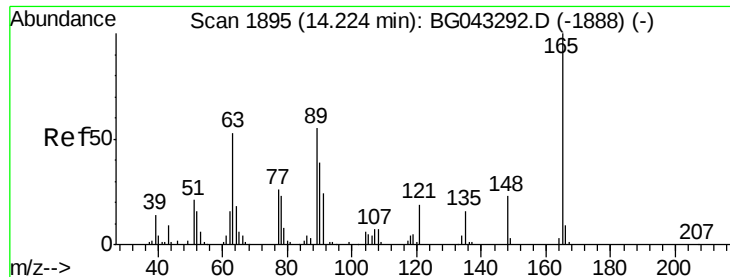


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

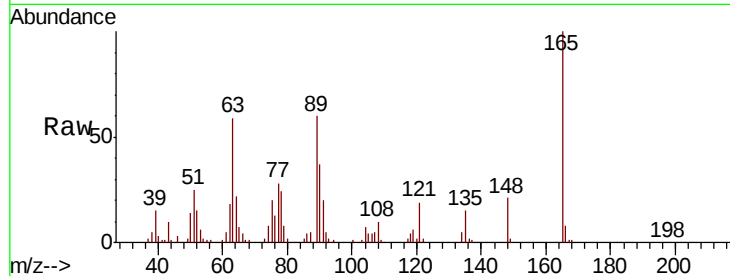




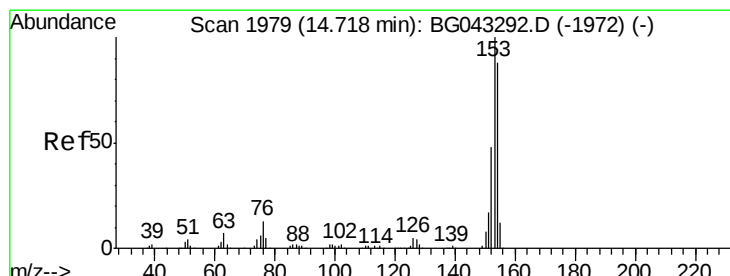
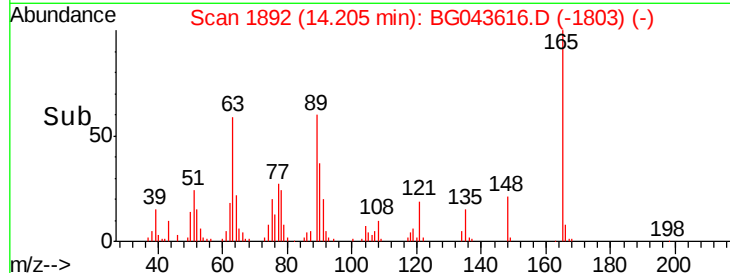
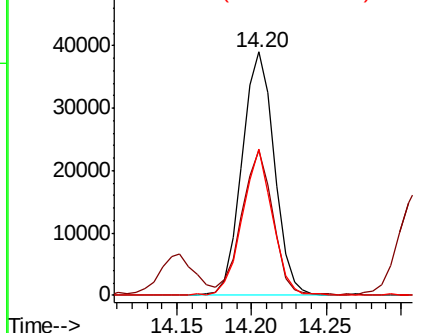
#51  
 2,6-Dinitrotoluene  
 Concen: 41.783 ng  
 RT: 14.20 min Scan# 1892  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 59.5  | 46.6  | 69.8  |
| 89      | 59.9  | 45.1  | 67.7  |

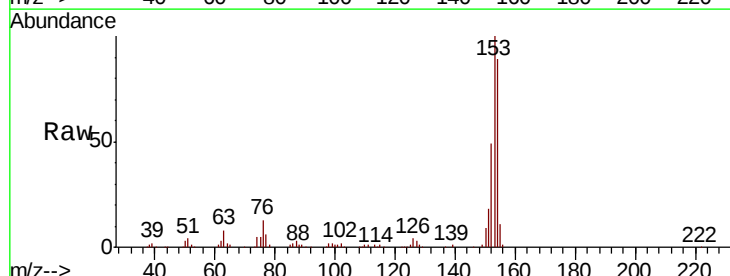


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

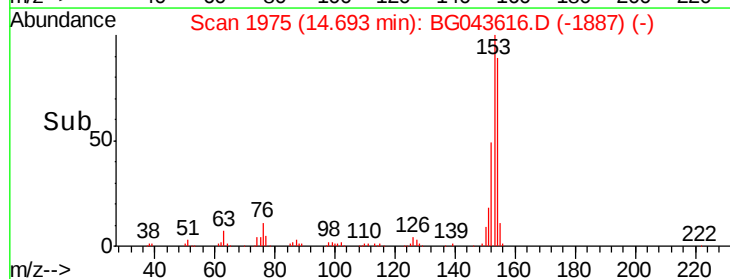
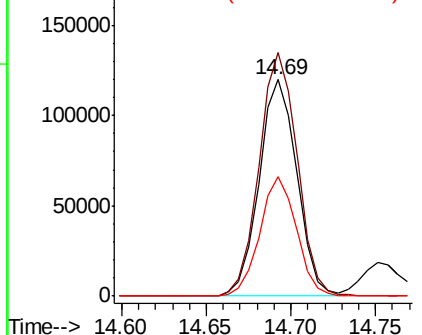


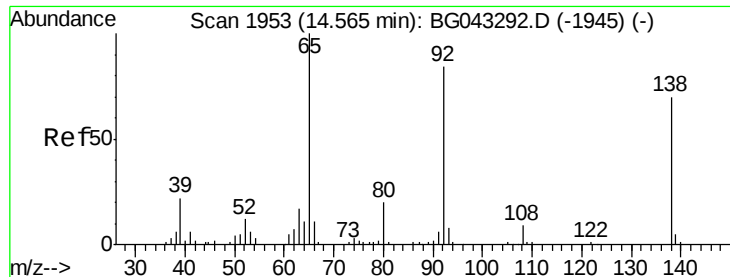
#52  
 Acenaphthene  
 Concen: 40.784 ng  
 RT: 14.69 min Scan# 1975  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.5 | 88.2  | 132.2 |
| 152     | 55.0  | 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: 30.744 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

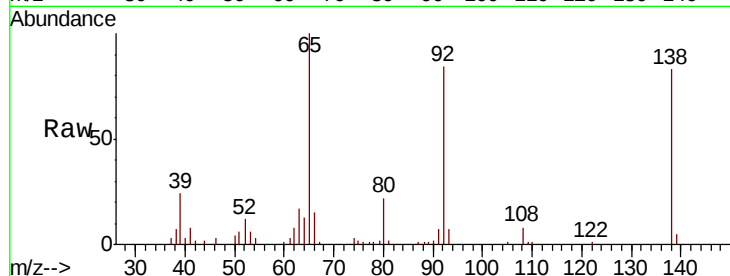
Tot Ion:138 Resp: 41453

Ion Ratio Lower Upper

138 100

108 9.2 8.0 12.0

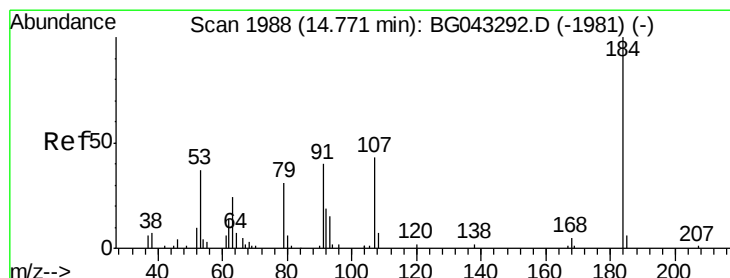
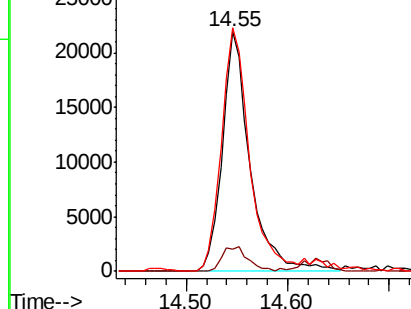
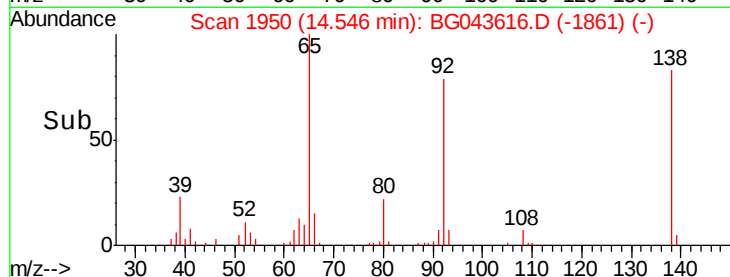
92 101.6 90.9 136.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 66.057 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

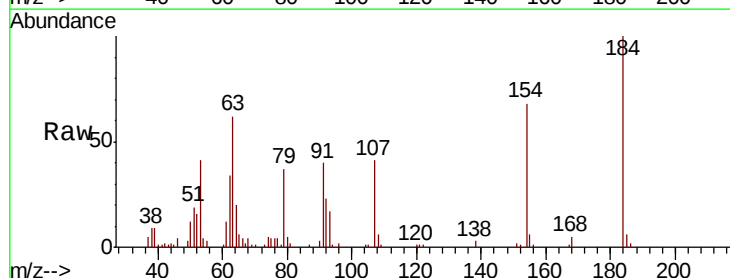
Tgt Ion:184 Resp: 56388

Ion Ratio Lower Upper

184 100

63 61.7 51.3 76.9

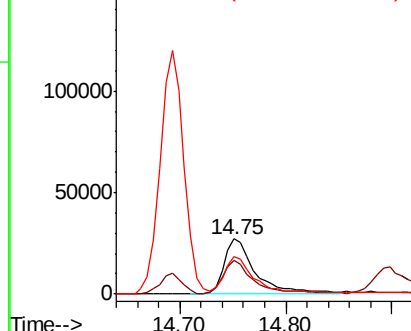
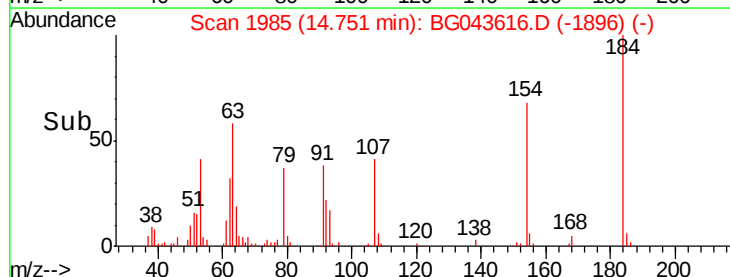
154 68.3 55.4 83.0

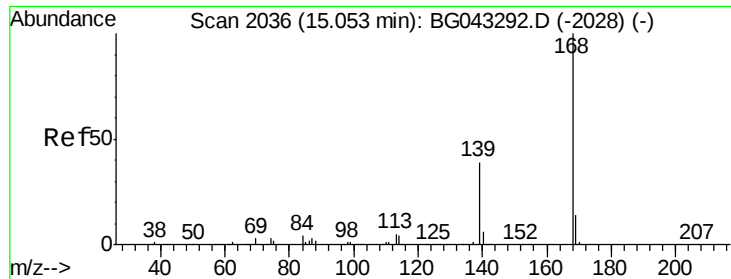


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

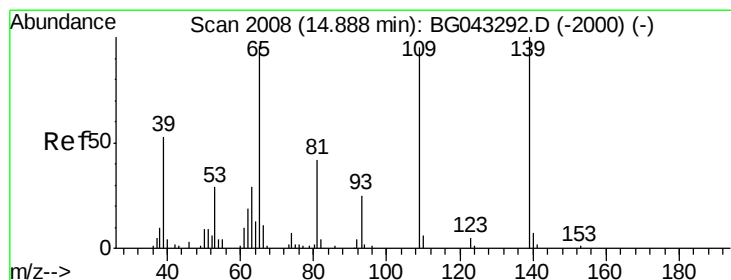
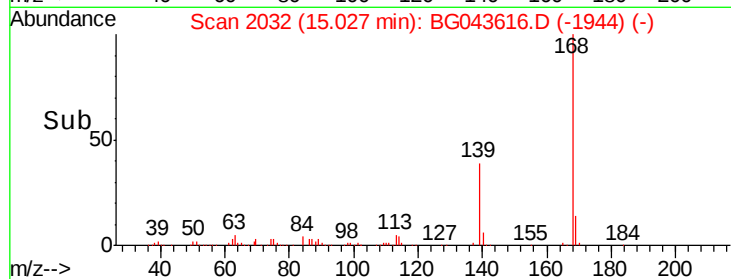
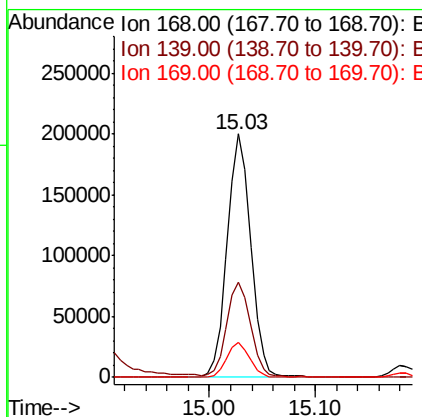
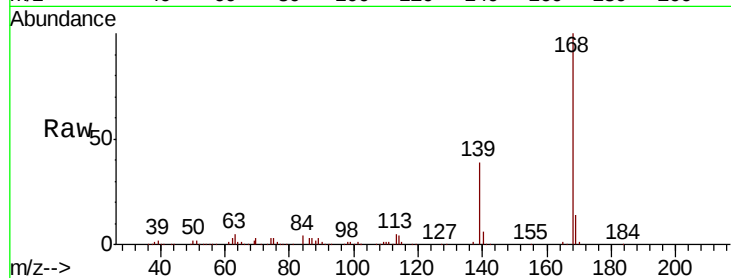




#55  
Dibenzenofuran  
Concen: 41.783 ng  
RT: 15.03 min Scan# 2032  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

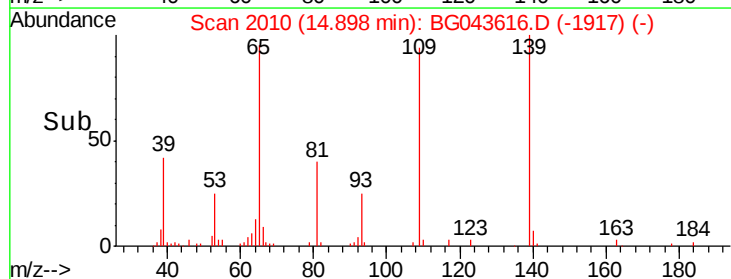
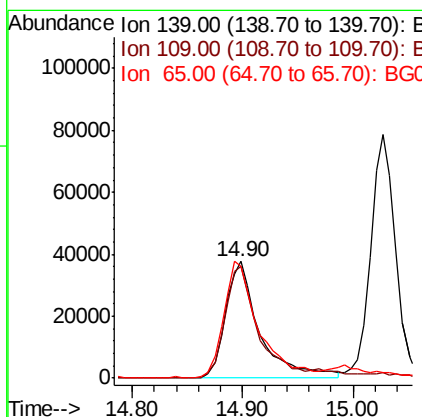
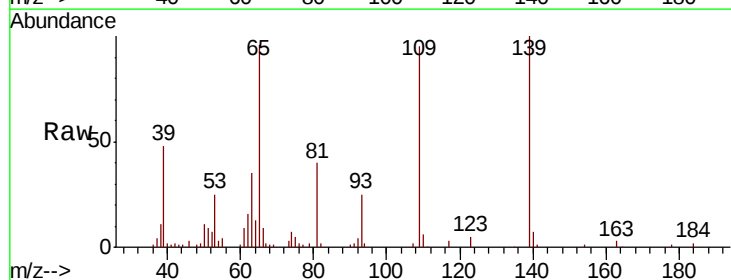
Instrument :  
BNA\_G  
ClientSampled :

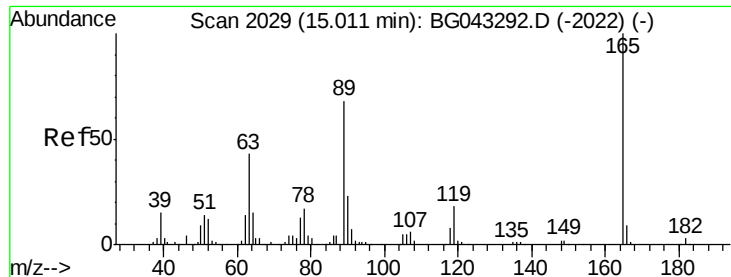
Tot Ion:168 Resp: 308933  
Ion Ratio Lower Upper  
168 100  
139 39.3 31.0 46.6  
169 14.3 11.7 17.5



#56  
4-Nitrophenol  
Concen: 90.562 ng  
RT: 14.90 min Scan# 2010  
Delta R.T. 0.02 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Tgt Ion:139 Resp: 81828  
Ion Ratio Lower Upper  
139 100  
109 95.4 87.2 127.2  
65 95.9 83.8 123.8

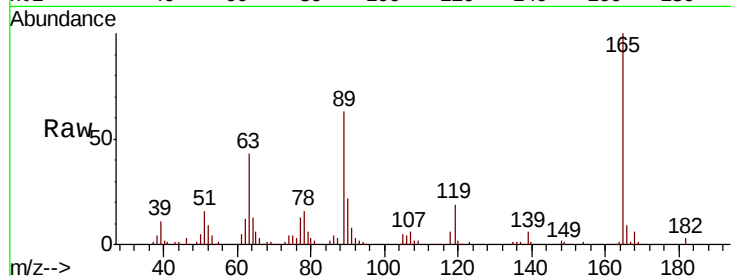




#57  
2,4-Dinitrotoluene  
Concen: 41.607 ng  
RT: 15.00 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.6  | 33.2  | 49.8  |
| 89      | 62.7  | 52.2  | 78.4  |
| 182     | 2.7   | 2.0   | 3.0   |



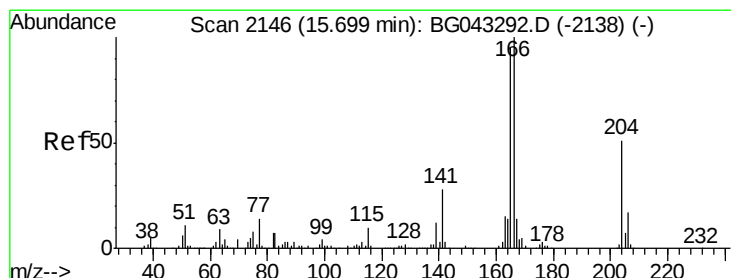
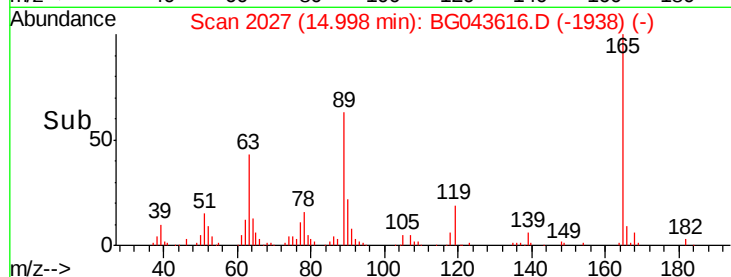
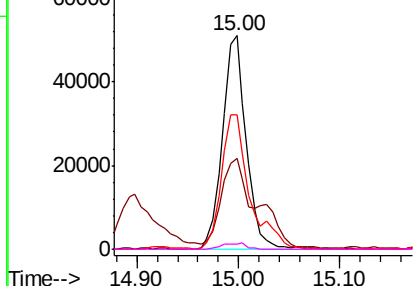
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

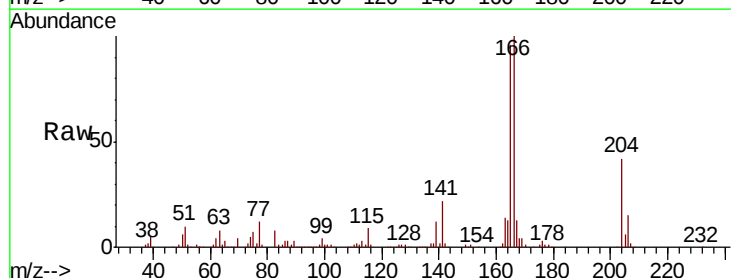
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 41.495 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.3  | 79.0  | 118.6 |
| 167     | 12.9  | 10.5  | 15.7  |

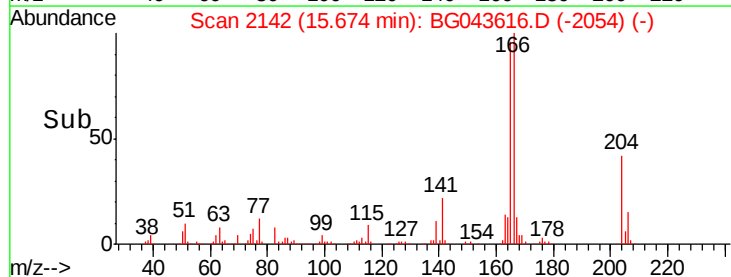
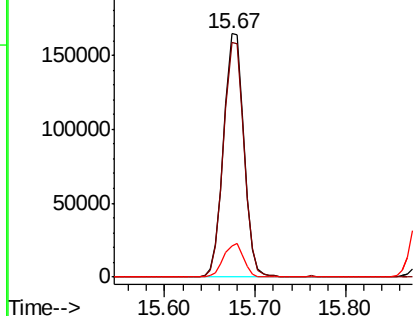


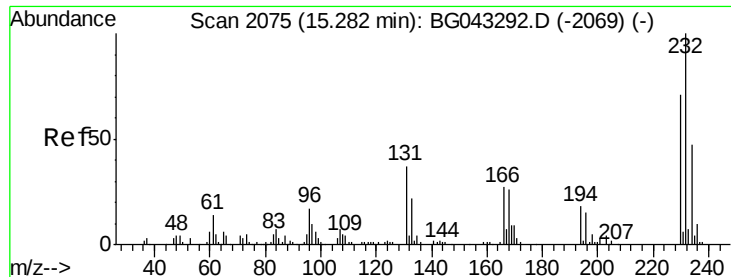
Abundance

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

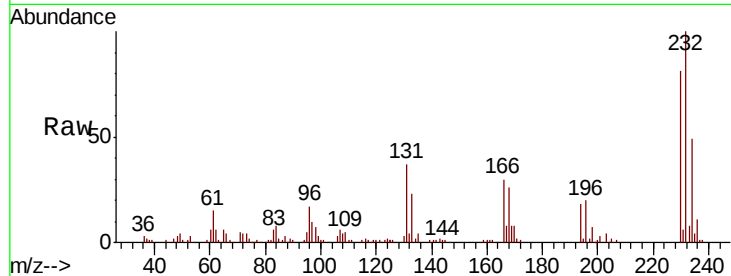




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.006 ng  
RT: 15.27 min Scan# 2073  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 38.5  | 26.9  | 40.3  |
| 130     | 2.6   | 1.8   | 2.6   |
| 166     | 25.1  | 20.9  | 31.3  |



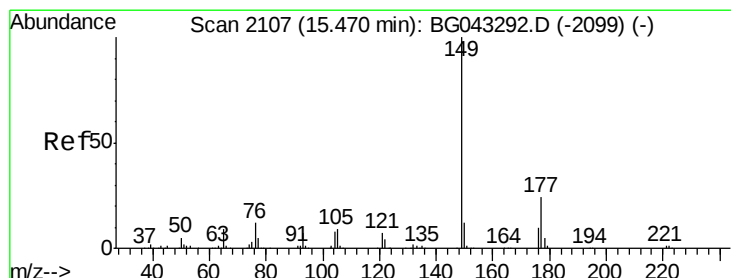
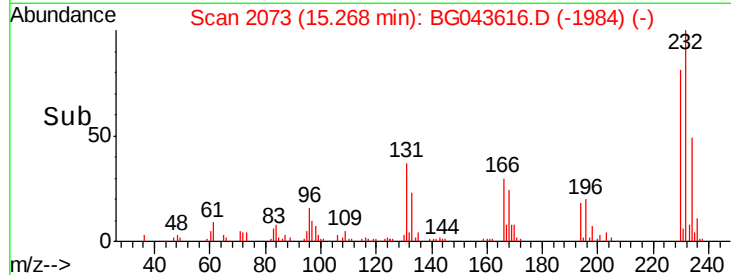
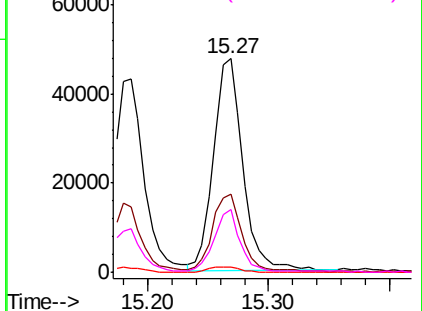
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

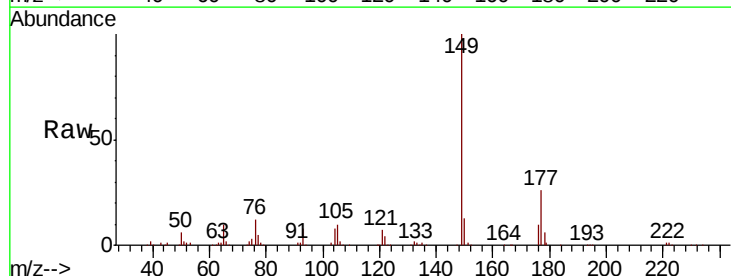
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 39.094 ng  
RT: 15.44 min Scan# 2103  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.9  | 19.6  | 29.4  |
| 150     | 13.3  | 10.8  | 16.2  |

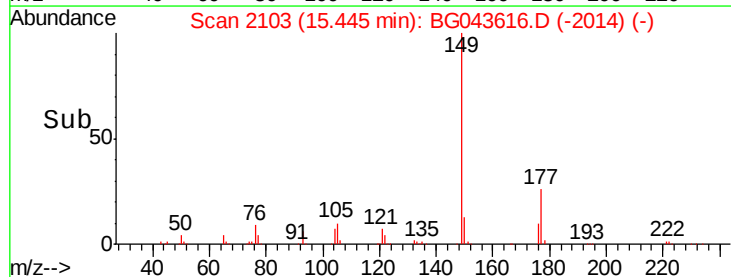
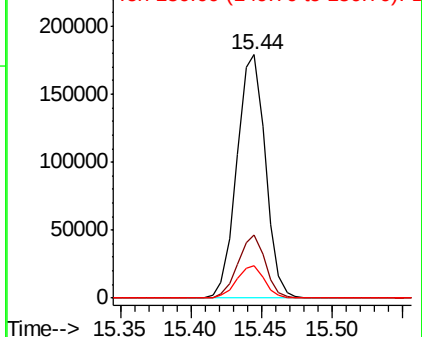


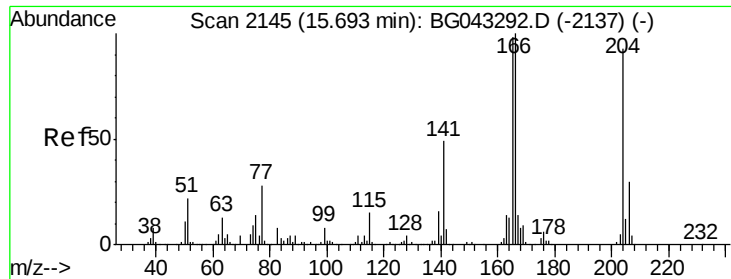
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

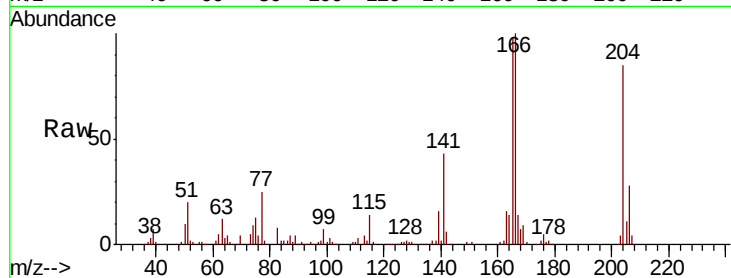




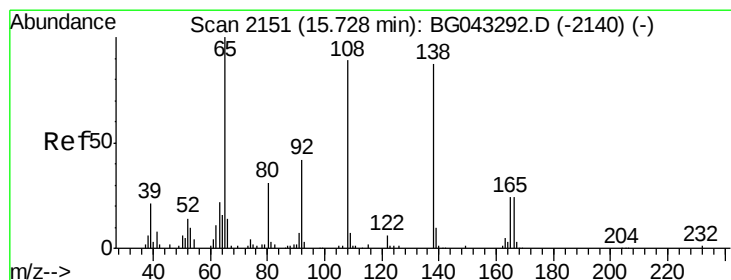
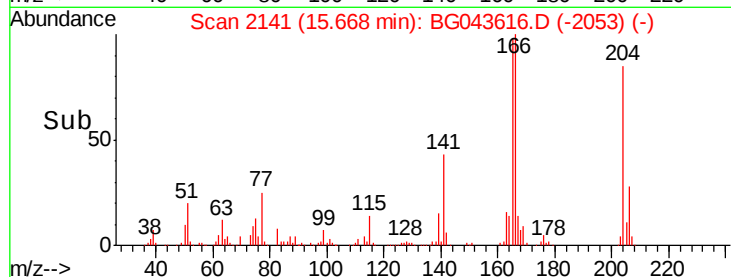
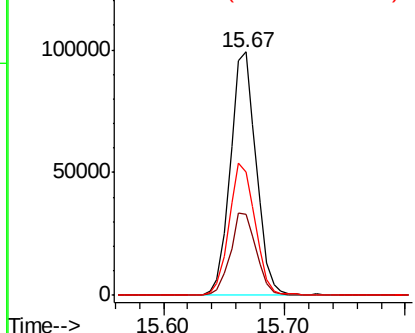
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.770 ng  
 RT: 15.67 min Scan# 2141  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:204 Resp: 147494  
 Ion Ratio Lower Upper  
 204 100  
 206 33.5 28.4 42.6  
 141 50.5 43.0 64.6

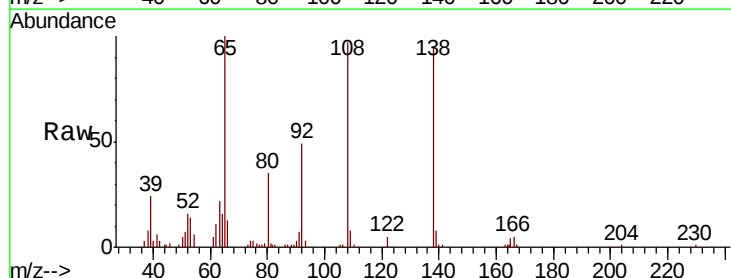


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

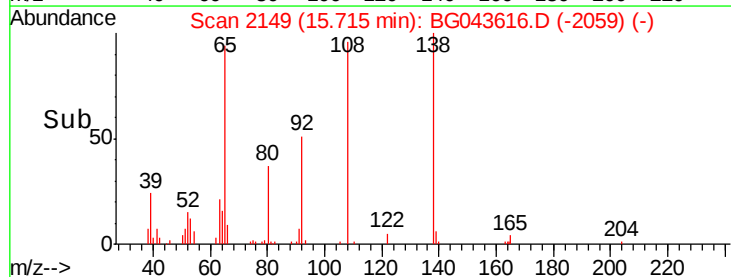
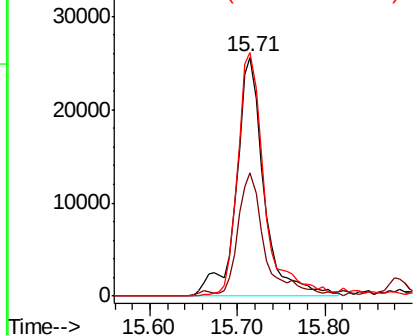


#62  
 4-Nitroaniline  
 Concen: 39.383 ng  
 RT: 15.71 min Scan# 2149  
 Delta R.T. -0.00 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Tgt Ion:138 Resp: 54840  
 Ion Ratio Lower Upper  
 138 100  
 92 51.7 33.4 73.4  
 108 102.1 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: 41.488 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 216876

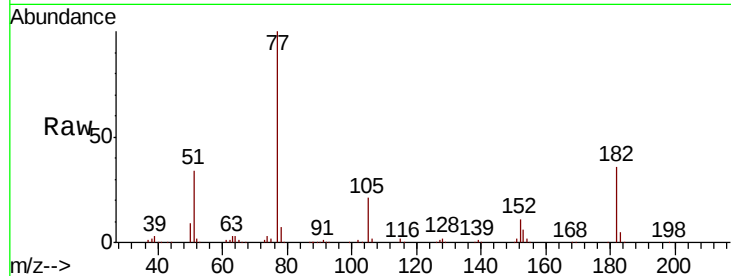
Ion Ratio Lower Upper

77 100

182 35.9 13.7 53.7

105 20.8 0.4 40.4

51 34.0 11.0 51.0

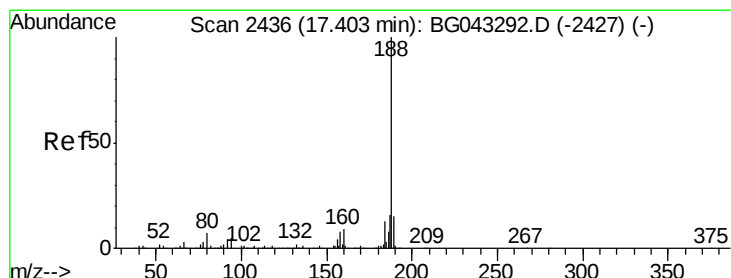
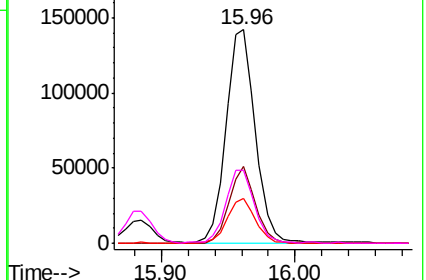
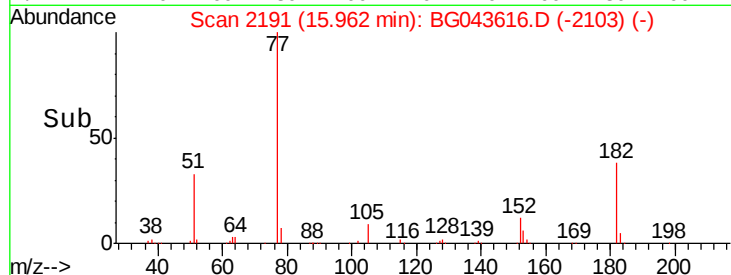


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

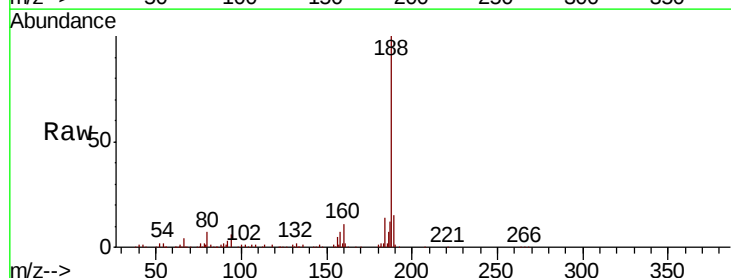
Tgt Ion: 188 Resp: 198487

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.4

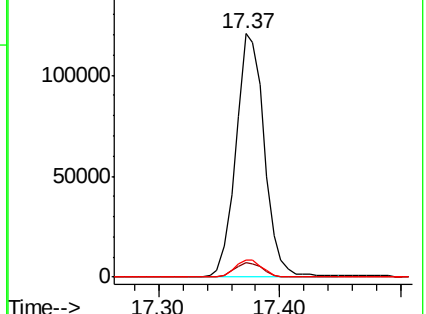
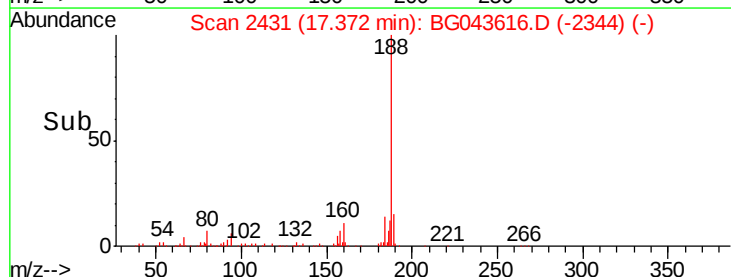
80 6.9 4.5 6.7#

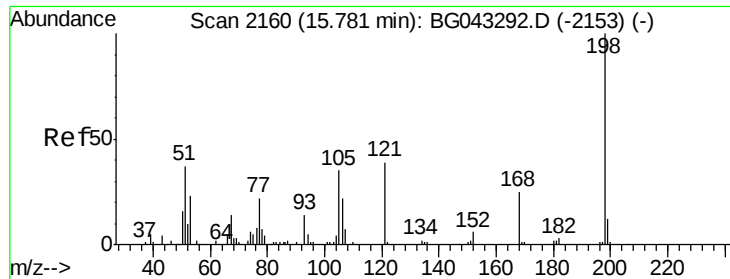


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

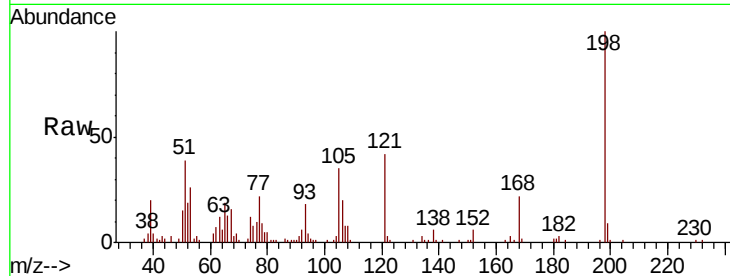




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 41.294 ng  
 RT: 15.76 min Scan# 2157  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 38.7  | 13.2  | 53.2  |
| 105     | 34.7  | 15.8  | 55.8  |

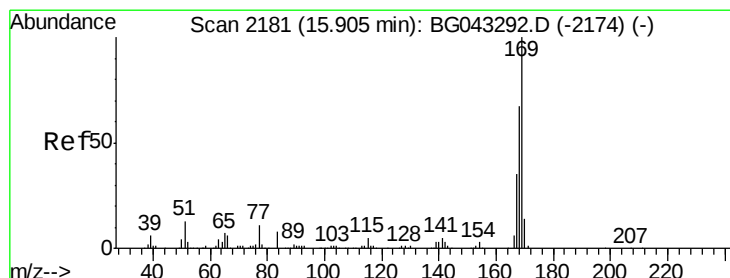
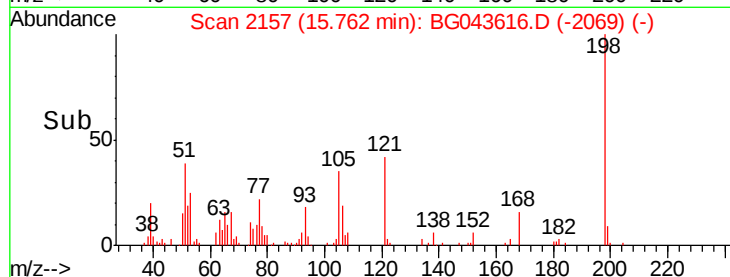
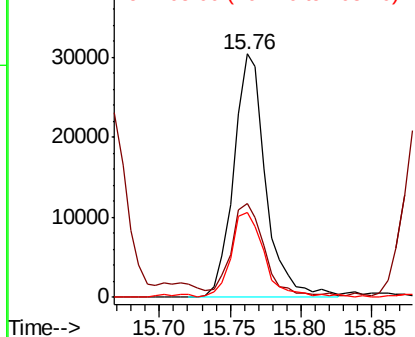


Abundance

Ion 198.00 (197.70 to 198.70): E

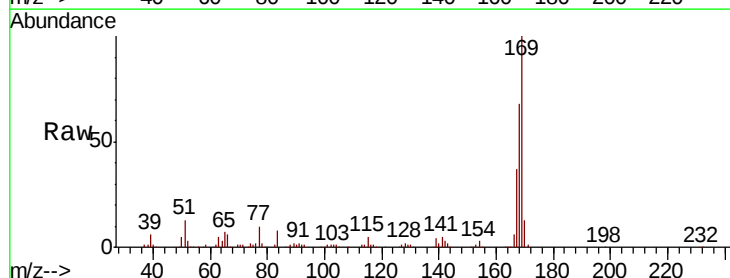
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66  
 n-Nitrosodiphenylamine  
 Concen: 41.011 ng  
 RT: 15.89 min Scan# 2178  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.4  | 53.8  | 80.6  |
| 167     | 37.1  | 27.5  | 41.3  |

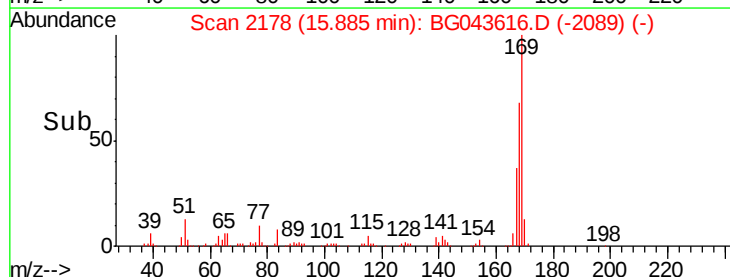
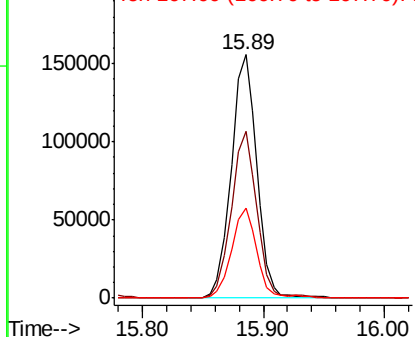


Abundance

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

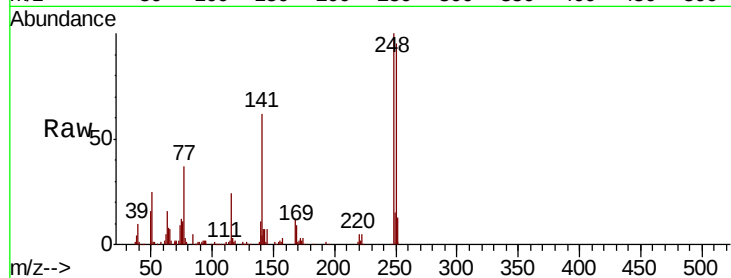




#67  
4-Bromophenyl-phenylether  
Concen: 38.682 ng  
RT: 16.56 min Scan# 2293  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.1  | 77.0  | 115.4 |
| 141     | 62.0  | 47.5  | 71.3  |

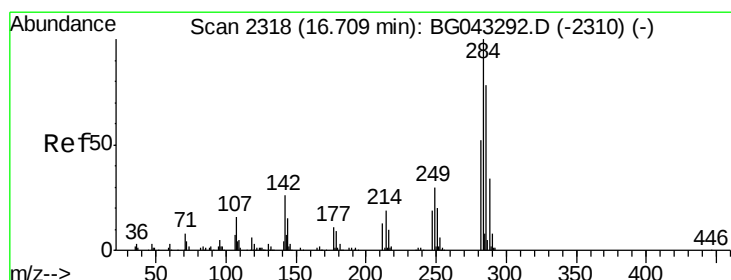
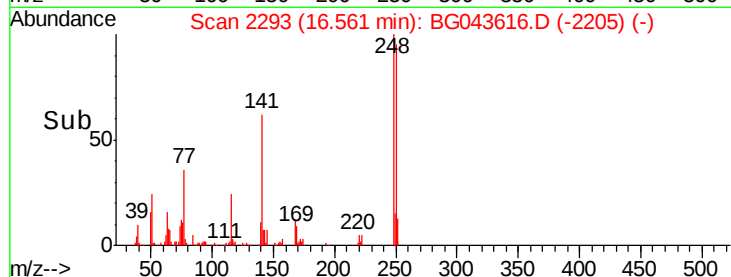
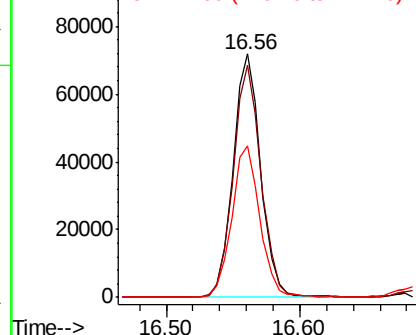


Abundance

Ion 248.00 (247.70 to 248.70): E

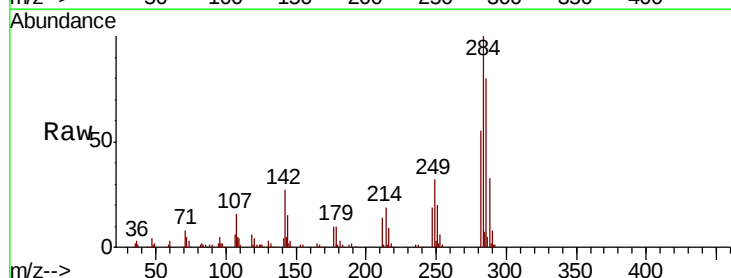
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 37.662 ng  
RT: 16.68 min Scan# 2314  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.4  | 19.8  | 29.8  |
| 249     | 31.6  | 23.8  | 35.6  |

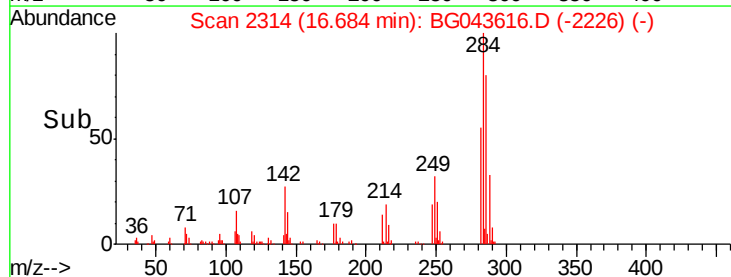
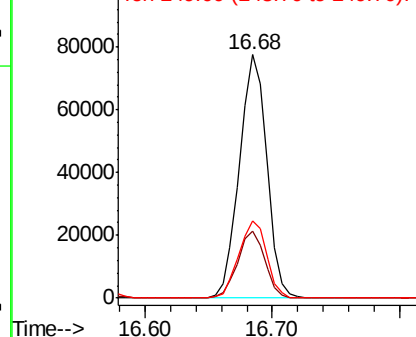


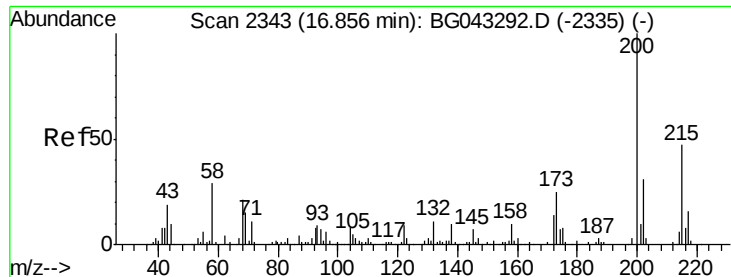
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

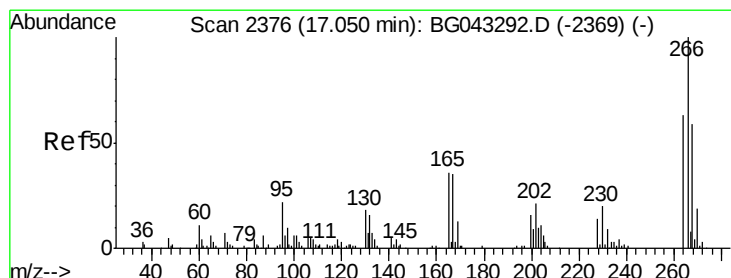
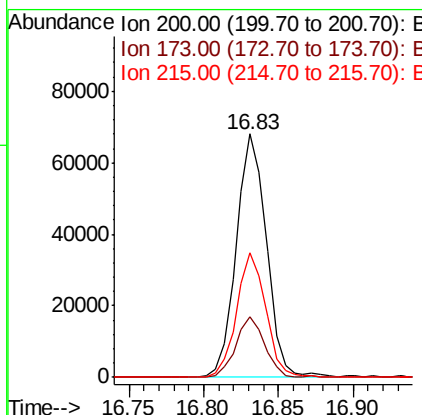
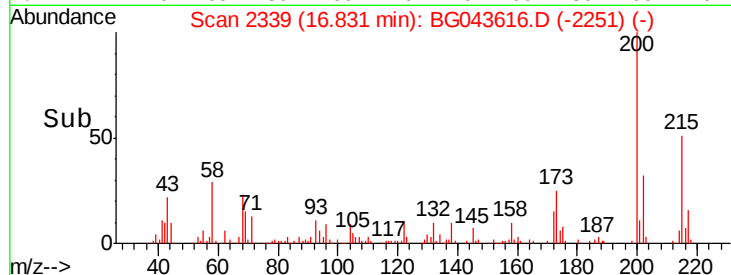
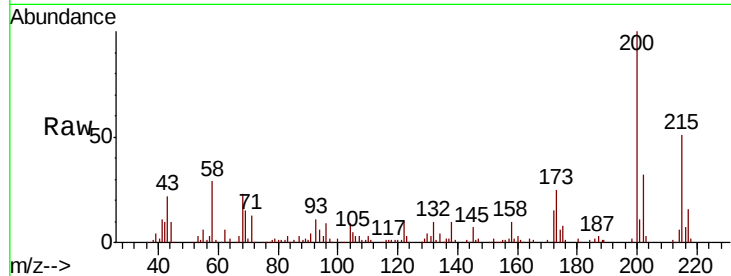




#69  
 Atrazine  
 Concen: 49.369 ng  
 RT: 16.83 min Scan# 2339  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

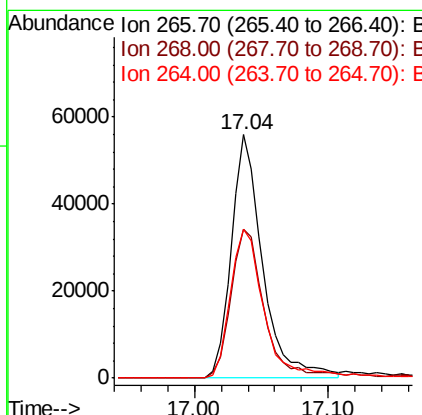
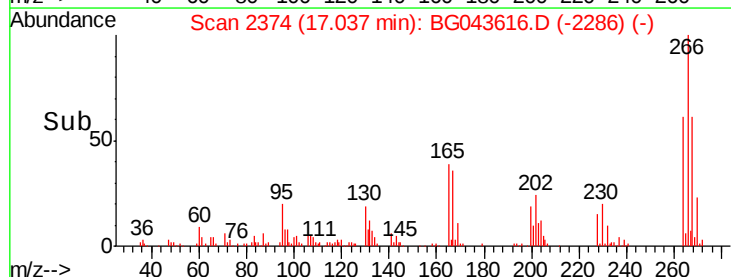
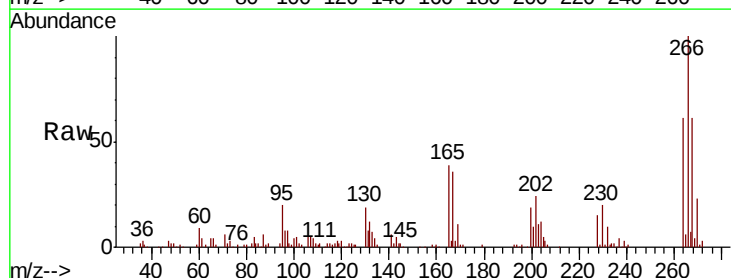
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:200 Resp: 96132  
 Ion Ratio Lower Upper  
 200 100  
 173 24.8 4.7 44.7  
 215 51.3 28.5 68.5



#70  
 Pentachlorophenol  
 Concen: 65.561 ng  
 RT: 17.04 min Scan# 2374  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

Tgt Ion:266 Resp: 91598  
 Ion Ratio Lower Upper  
 266 100  
 268 61.2 50.4 75.6  
 264 61.4 48.9 73.3

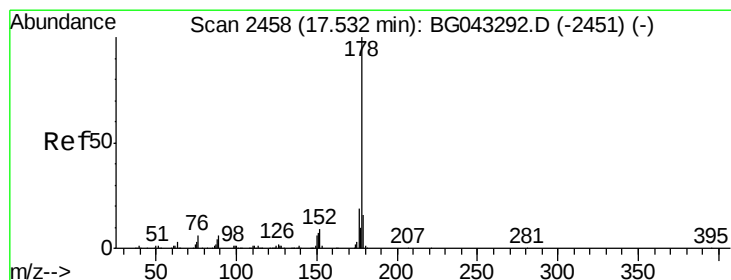
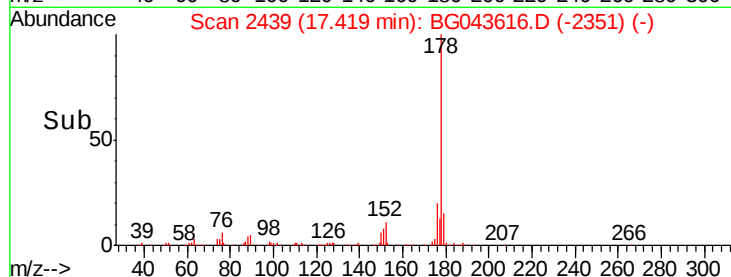
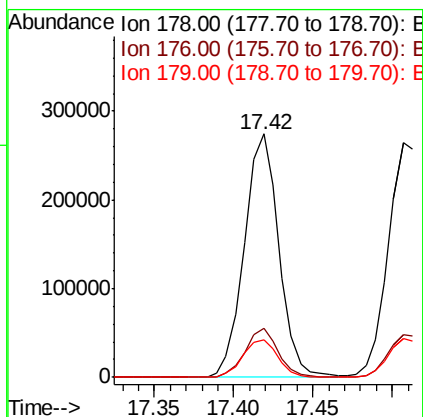
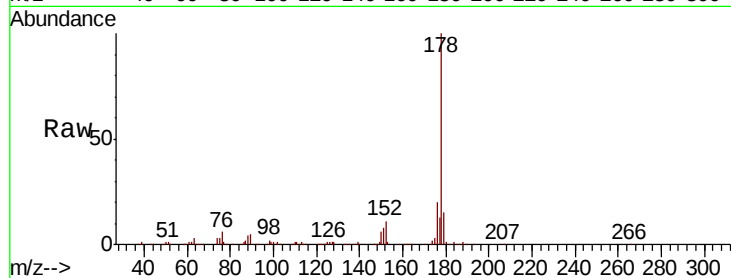




#71  
Phenanthrene  
Concen: 40.936 ng  
RT: 17.42 min Scan# 2439  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

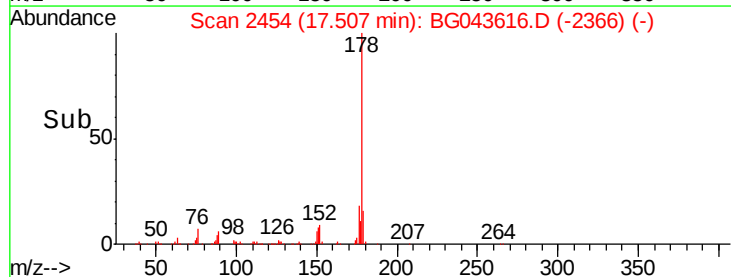
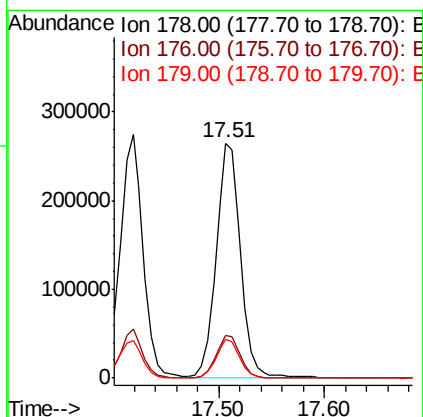
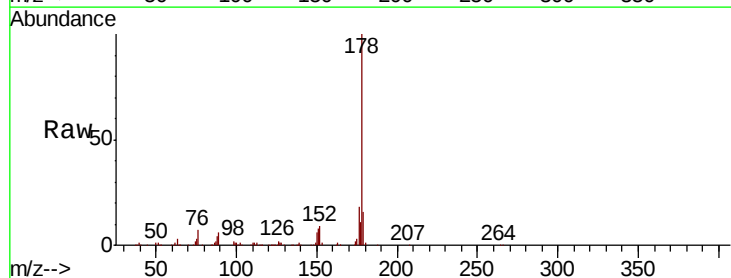
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:178 Resp: 416076  
Ion Ratio Lower Upper  
178 100  
176 20.4 15.4 23.0  
179 15.4 13.0 19.6



#72  
Anthracene  
Concen: 41.643 ng  
RT: 17.51 min Scan# 2454  
Delta R.T. -0.01 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

Tgt Ion:178 Resp: 423476  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.5 23.3  
179 16.4 13.7 20.5





#73

Carbazole

Concen: 41.912 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

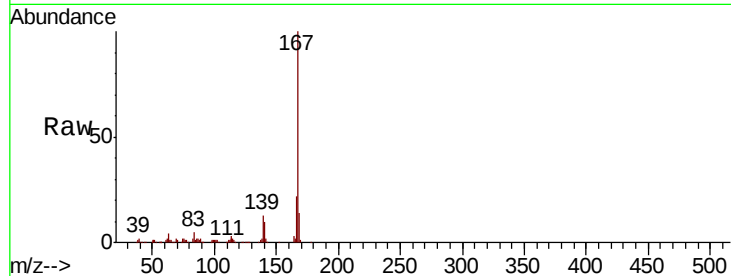
Tot Ion:167 Resp: 385968

Ion Ratio Lower Upper

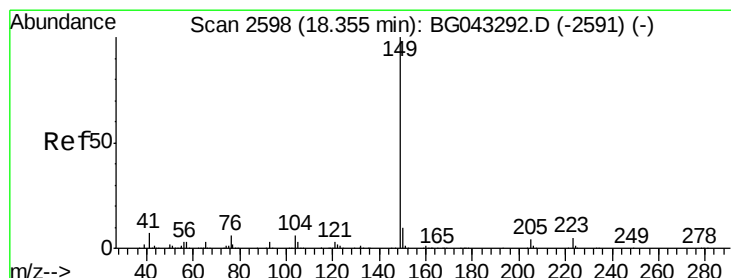
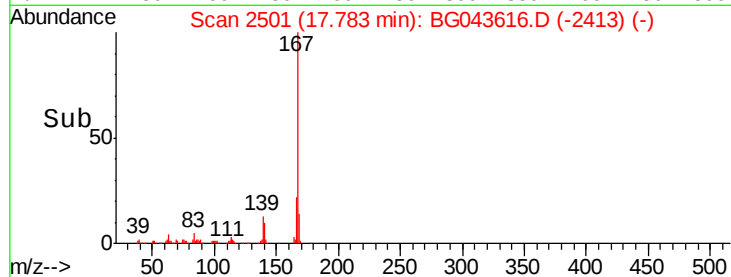
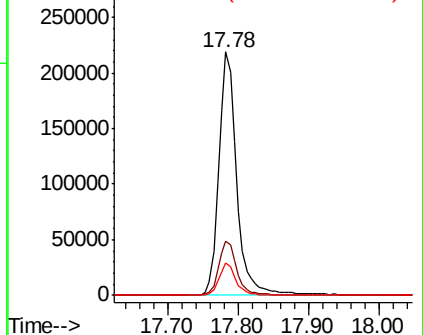
167 100

166 22.5 18.7 28.1

139 13.3 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.497 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

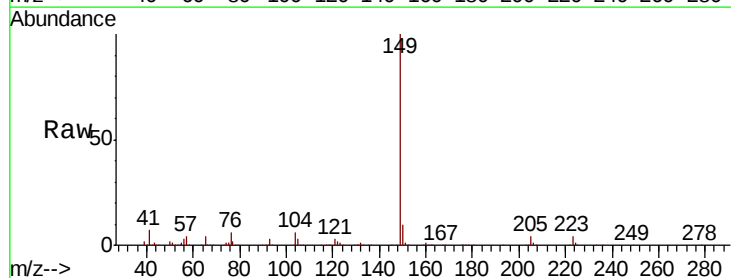
Tgt Ion:149 Resp: 452507

Ion Ratio Lower Upper

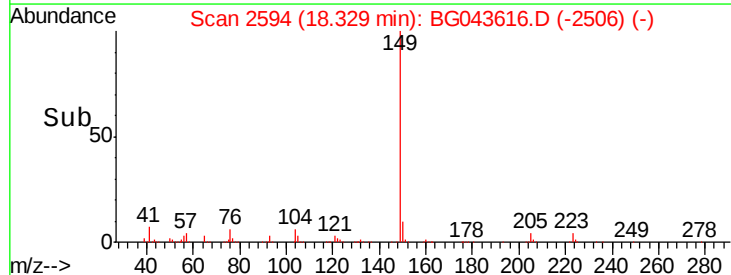
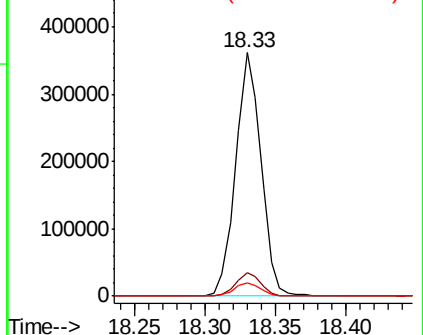
149 100

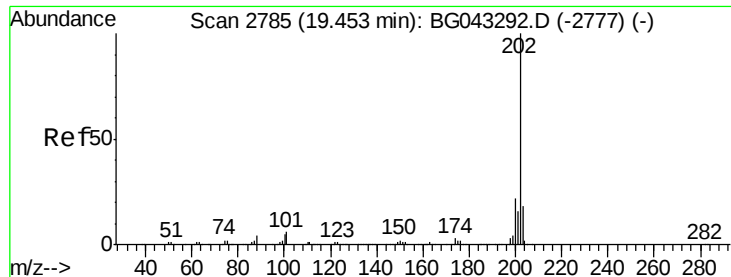
150 9.8 8.0 12.0

104 5.6 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.972 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampled :

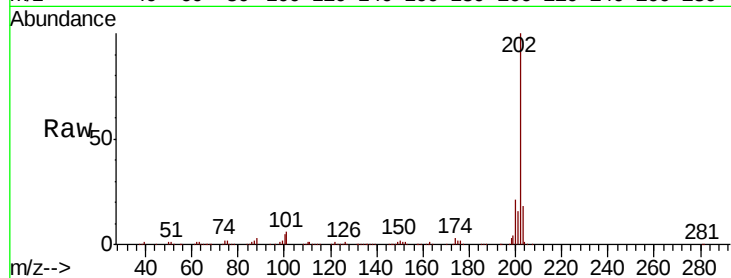
Tot Ion:202 Resp: 556157

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.3

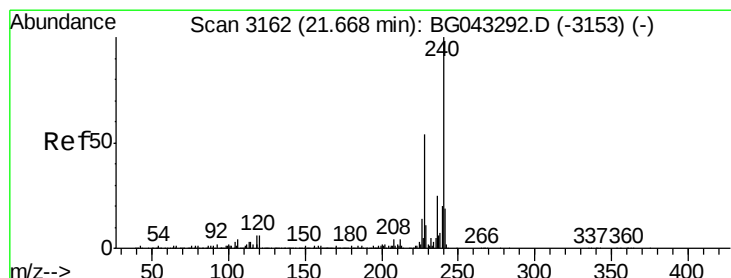
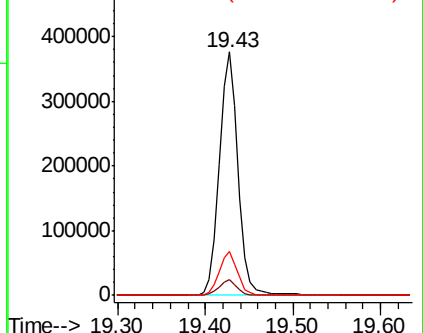
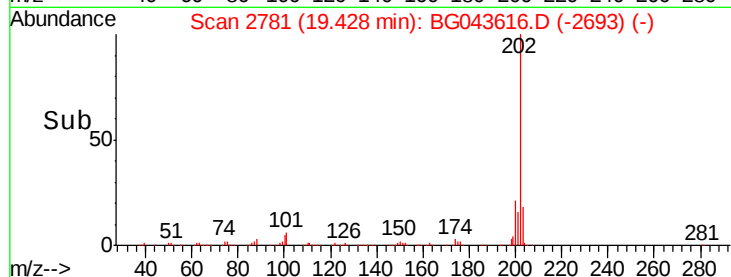
203 18.0 0.0 37.9



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: BG043616.D

Acq: 13 Nov 2019 17:23

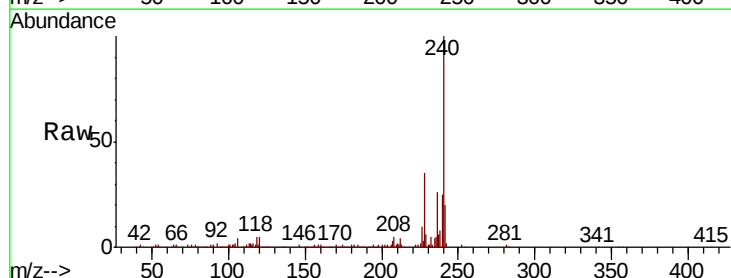
Tgt Ion:240 Resp: 224378

Ion Ratio Lower Upper

240 100

120 5.2 4.6 6.8

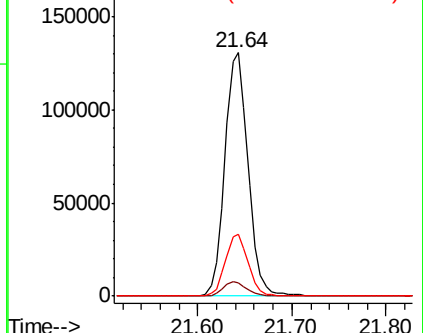
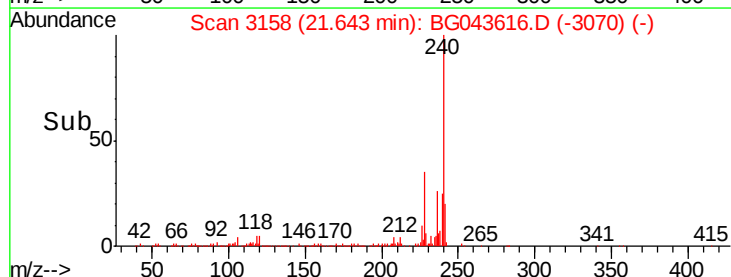
236 25.5 19.8 29.8



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: 22.815 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

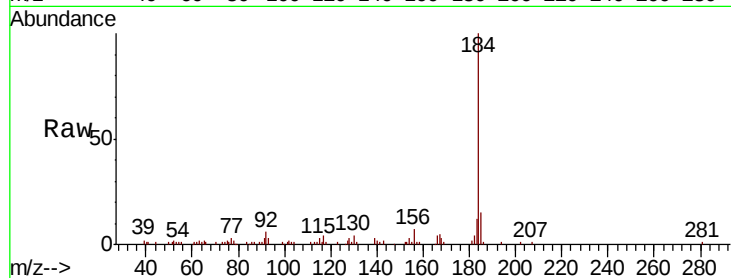
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:184 Resp: 103027

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.0  | 11.0  | 16.4  |
| 183 | 11.7  | 10.0  | 15.0  |

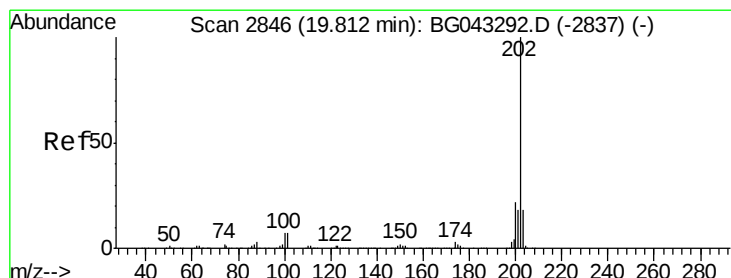
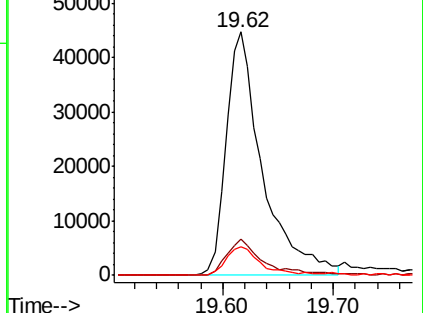
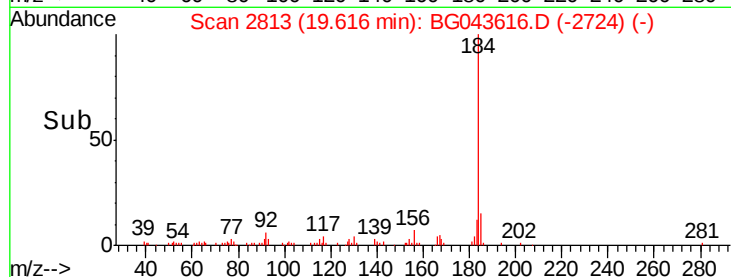


Abundance

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: 40.568 ng

RT: 19.79 min Scan# 2842

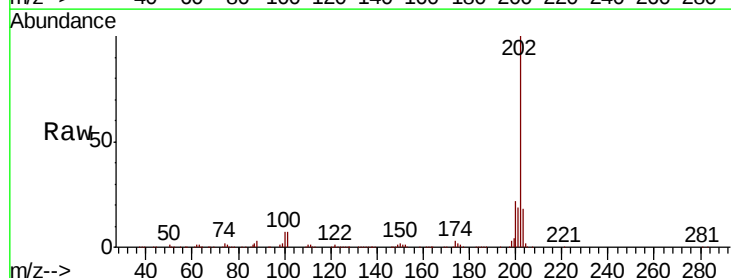
Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Tgt Ion:202 Resp: 563433

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.9  | 17.0  | 25.4  |
| 203 | 18.4  | 14.7  | 22.1  |

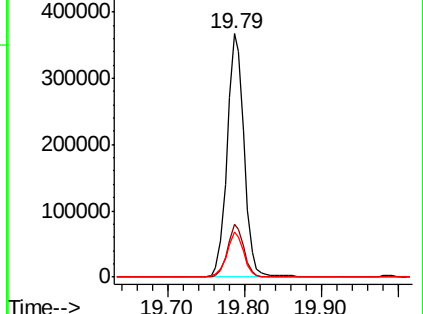
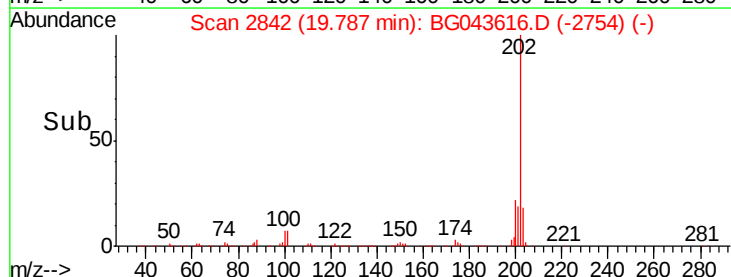


Abundance

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: 61.489 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

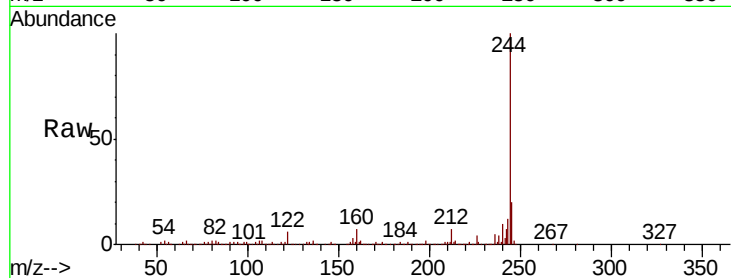
Tot Ion:244 Resp: 735417

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

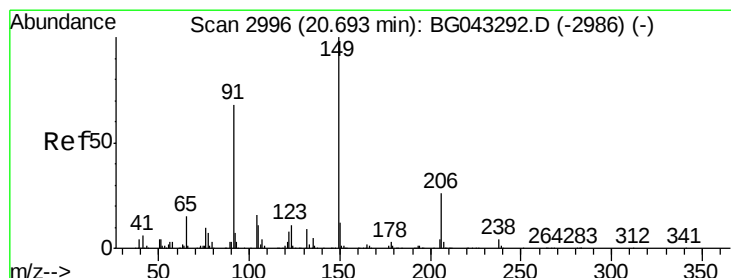
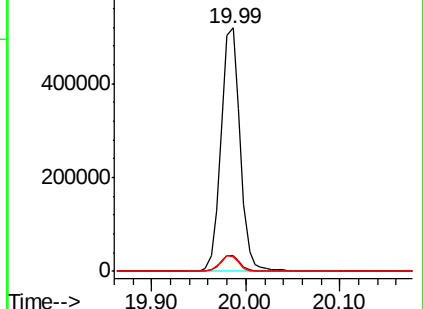
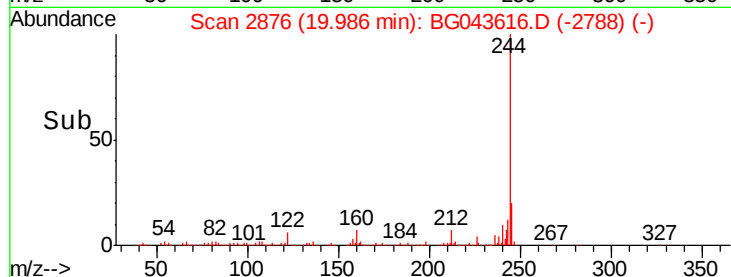
122 6.2 5.4 8.2



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: 40.376 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

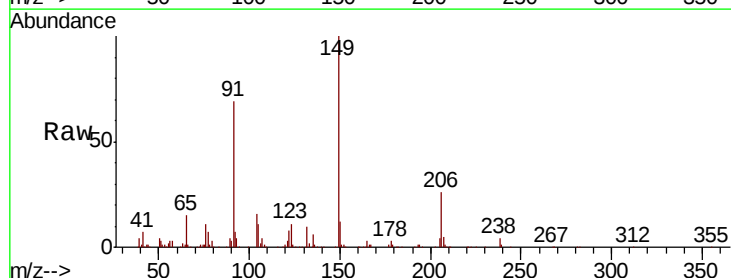
Tgt Ion:149 Resp: 212453

Ion Ratio Lower Upper

149 100

91 69.0 51.2 76.8

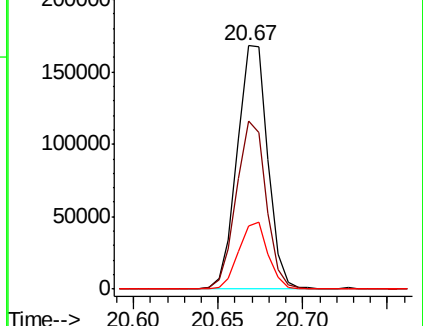
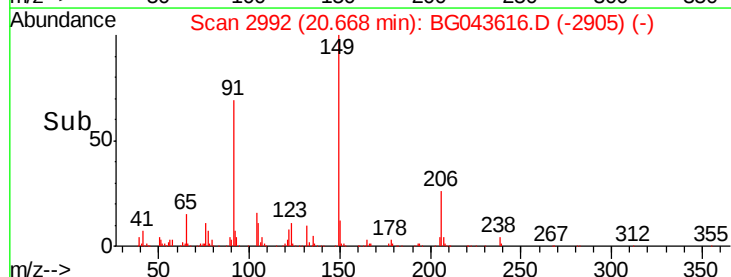
206 25.7 22.5 33.7

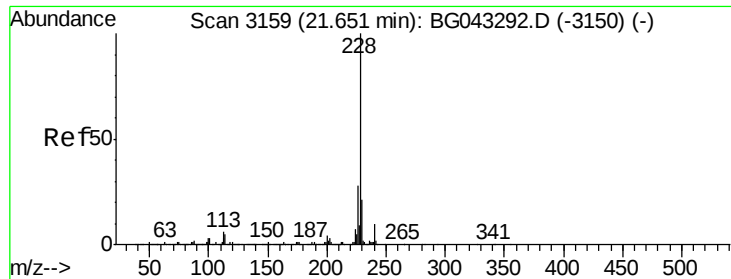


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.795 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampled :

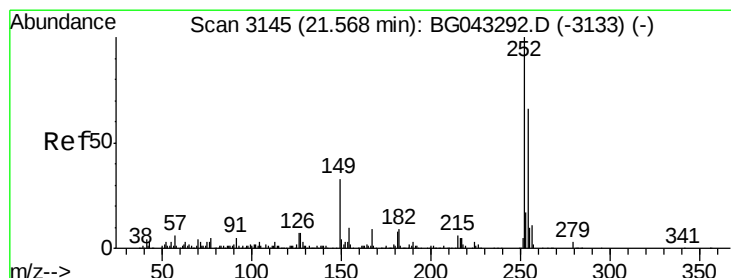
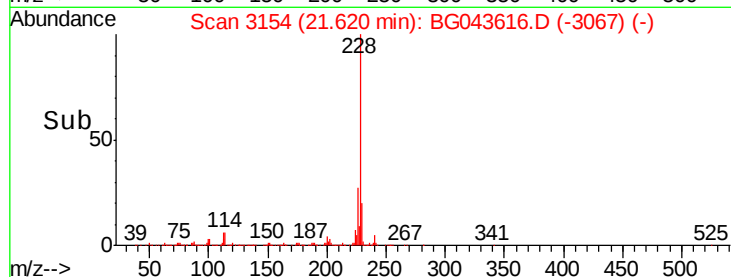
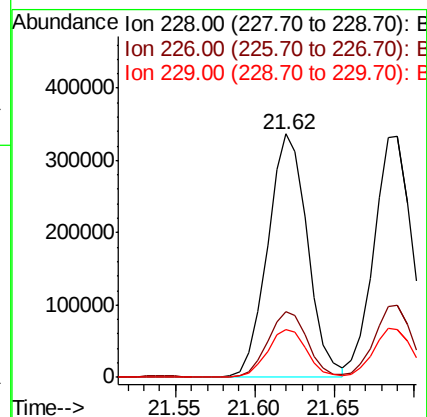
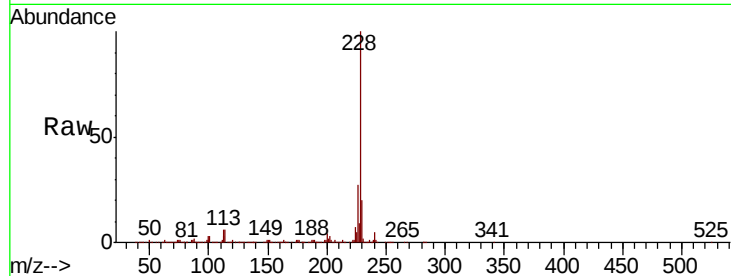
Tot Ion:228 Resp: 587427

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

229 19.8 17.0 25.4



#82

3,3'-Dichlorobenzidine

Concen: 36.036 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

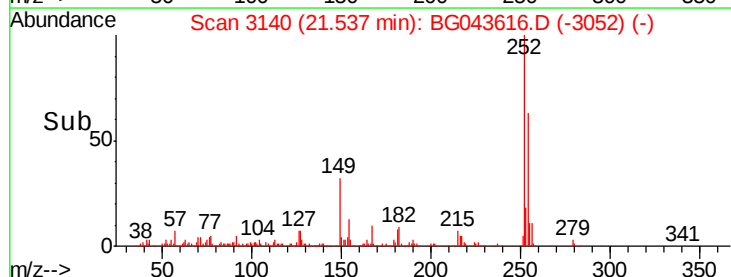
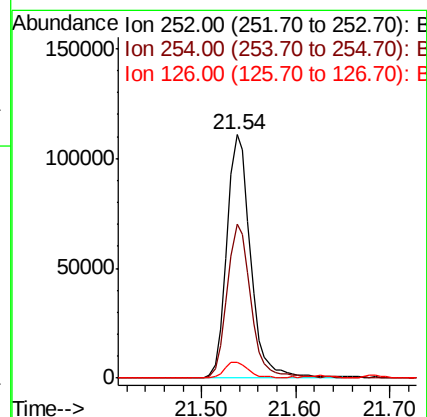
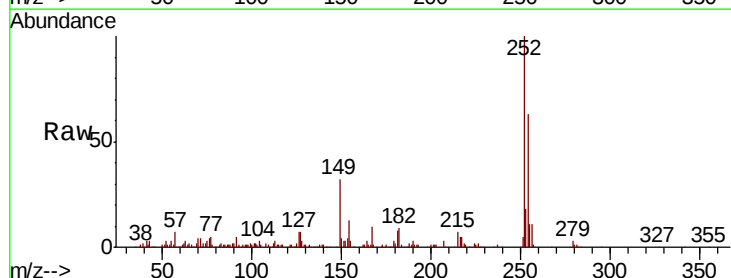
Tgt Ion:252 Resp: 195899

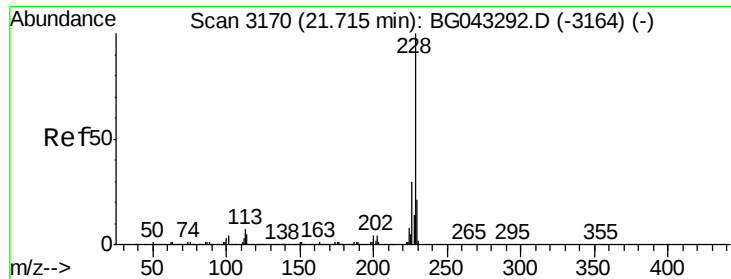
Ion Ratio Lower Upper

252 100

254 63.4 50.8 76.2

126 6.6 6.1 9.1

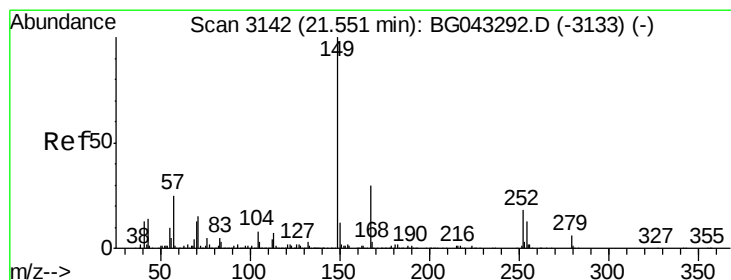
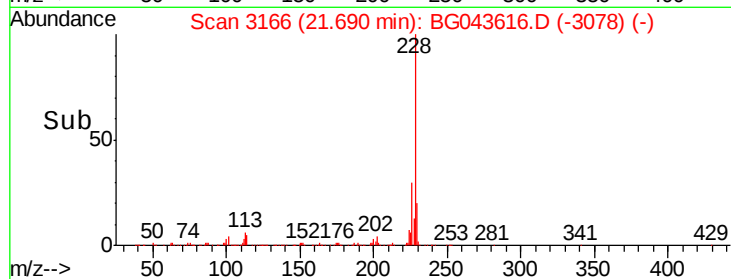
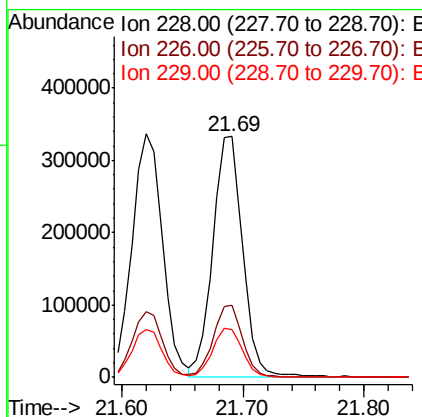
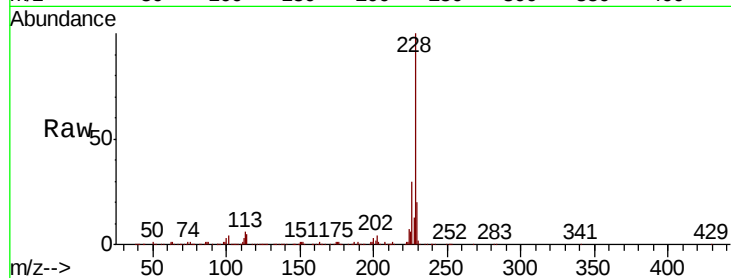




#83  
 Chrysene  
 Concen: 40.503 ng  
 RT: 21.69 min Scan# 3166  
 Delta R.T. -0.01 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

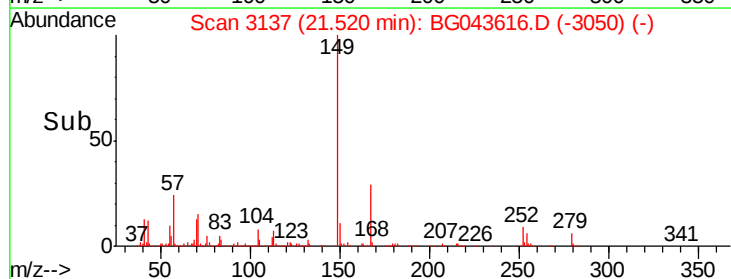
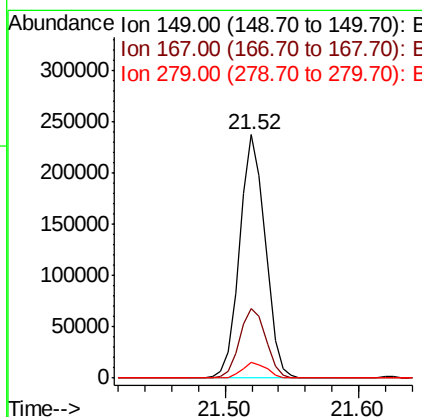
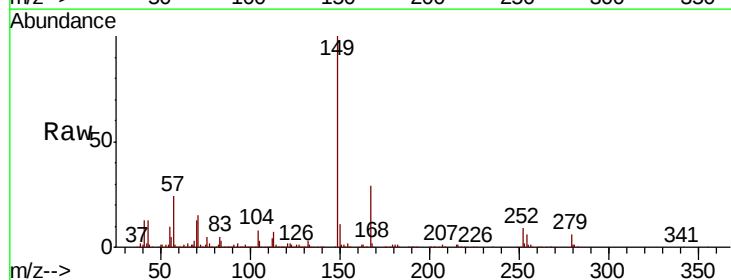
Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 228   | Resp: | 565605 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 30.1  | 25.1  | 37.7   |
| 229      | 20.0  | 17.0  | 25.4   |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.809 ng  
 RT: 21.52 min Scan# 3137  
 Delta R.T. -0.02 min  
 Lab File: BG043616.D  
 Acq: 13 Nov 2019 17:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 312501 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 28.7  | 24.0  | 36.0   |
| 279      | 6.3   | 5.4   | 8.2    |





#85

Di-n-octyl phthalate

Concen: 42.916 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.02 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

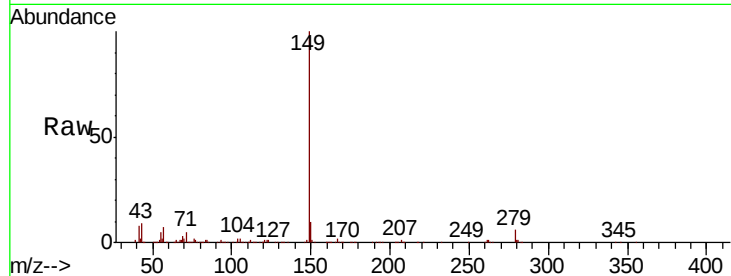
Tot Ion:149 Resp: 544225

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

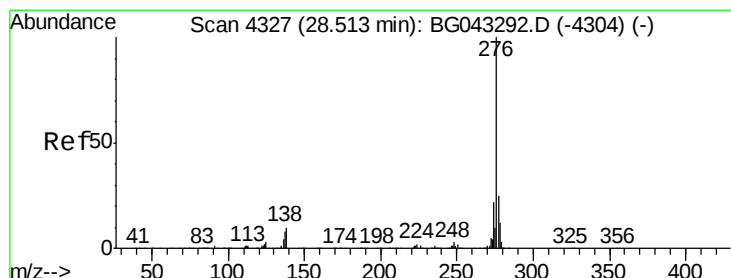
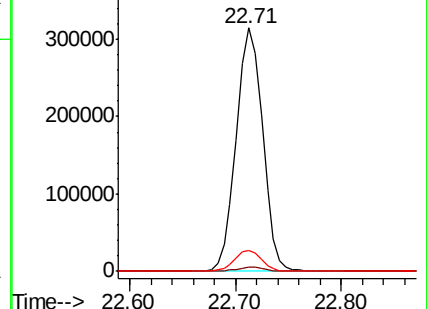
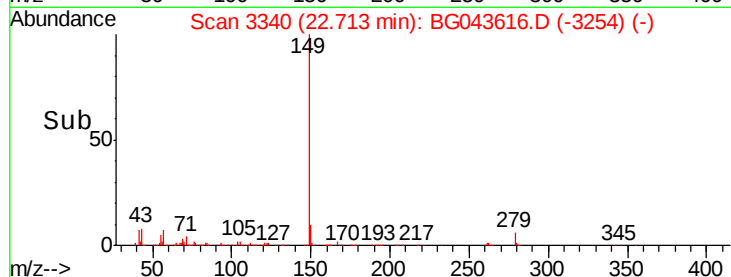
43 8.5 7.0 10.6



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: 42.106 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.04 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

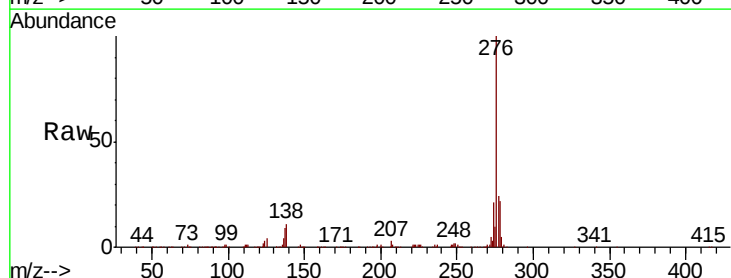
Tgt Ion:276 Resp: 738080

Ion Ratio Lower Upper

276 100

138 8.5 6.8 10.2

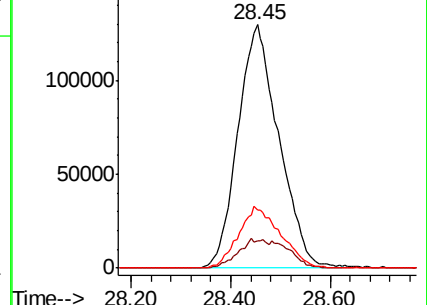
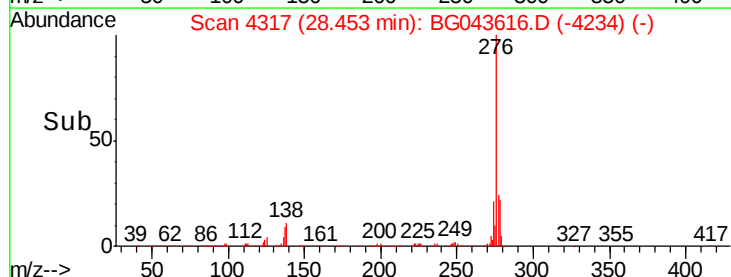
277 26.0 20.9 31.3

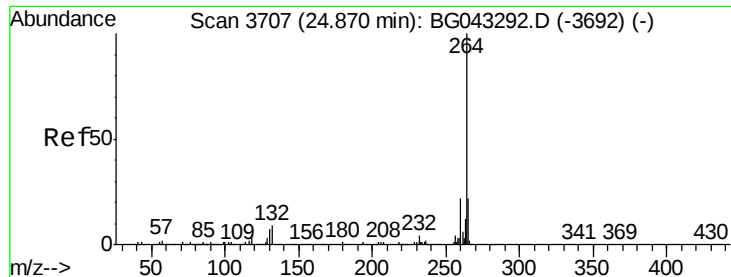


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

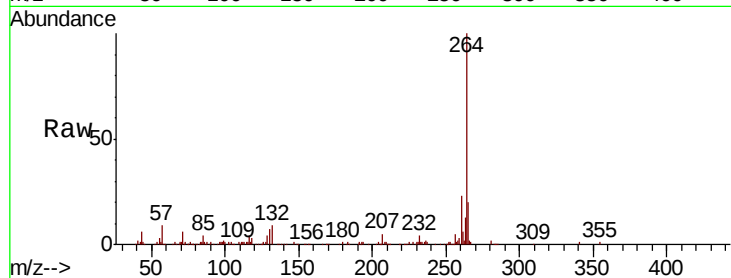
Tot Ion:264 Resp: 223831

Ion Ratio Lower Upper

264 100

260 23.2 17.5 26.3

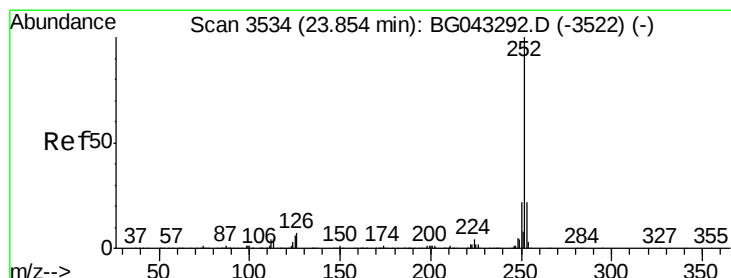
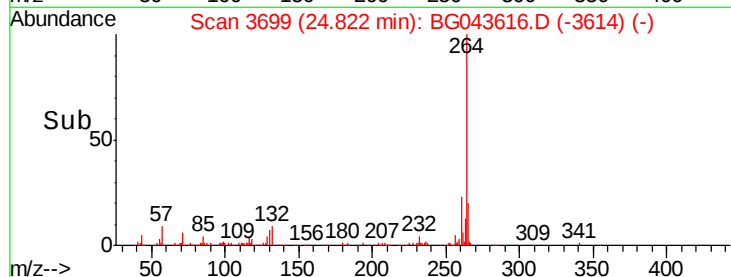
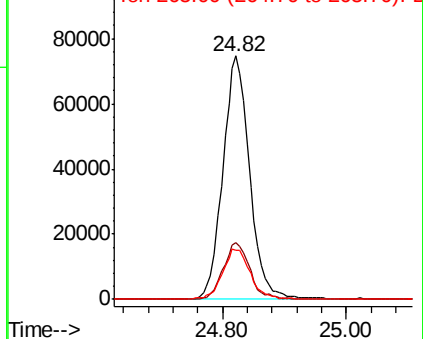
265 20.4 17.4 26.0



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: 48.300 ng

RT: 23.82 min Scan# 3528

Delta R.T. -0.02 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

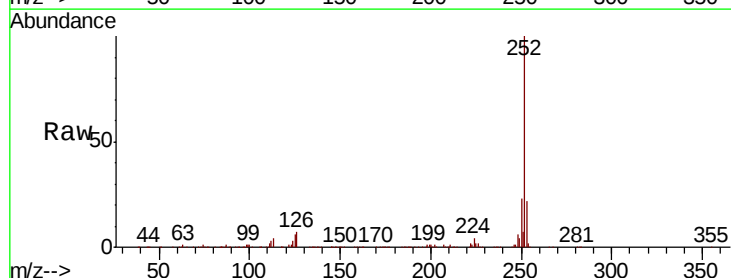
Tgt Ion:252 Resp: 612296

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

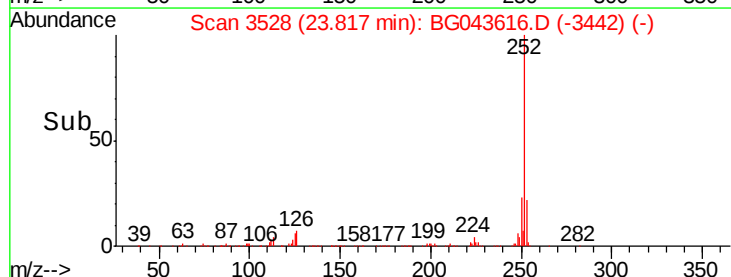
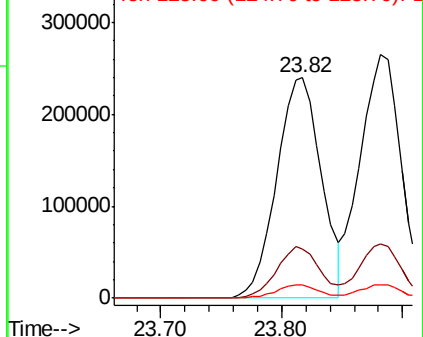
125 6.1 4.5 6.7

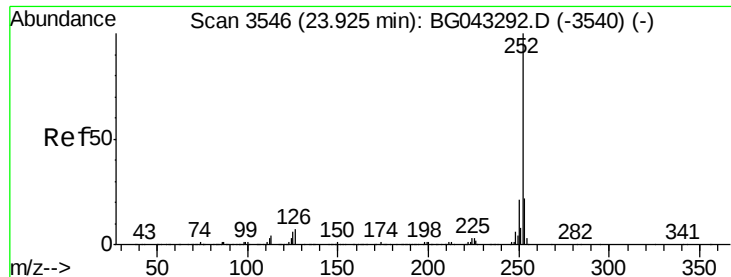


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

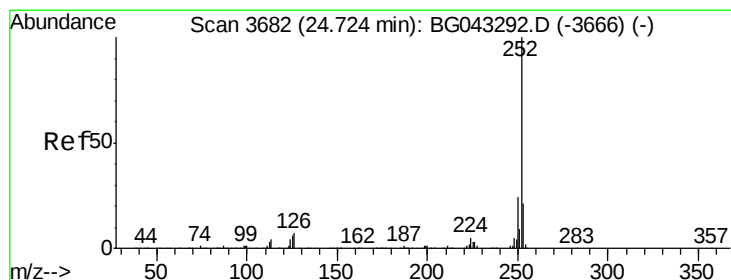
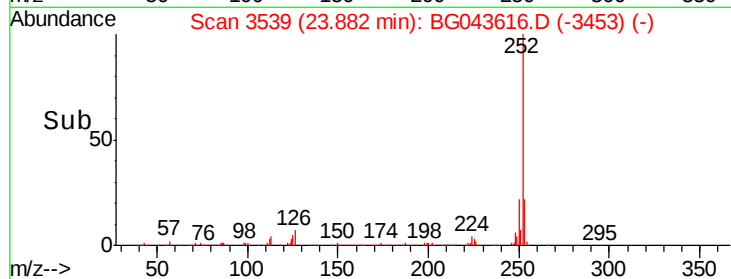
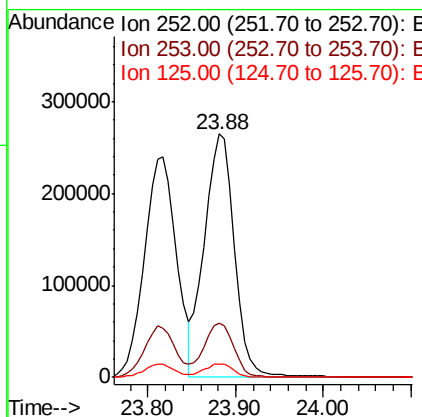
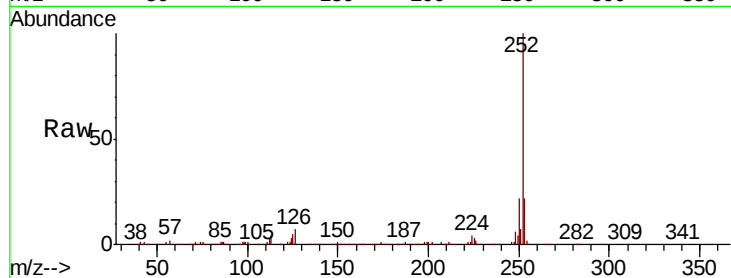




#89  
Benzo(k)fluoranthene  
Concen: 49.514 ng  
RT: 23.88 min Scan# 3539  
Delta R.T. -0.02 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

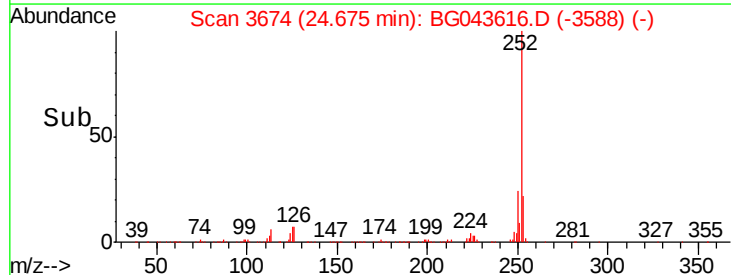
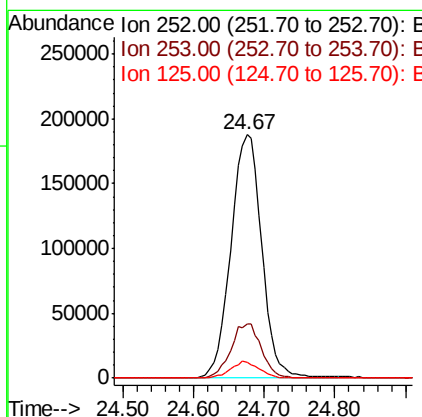
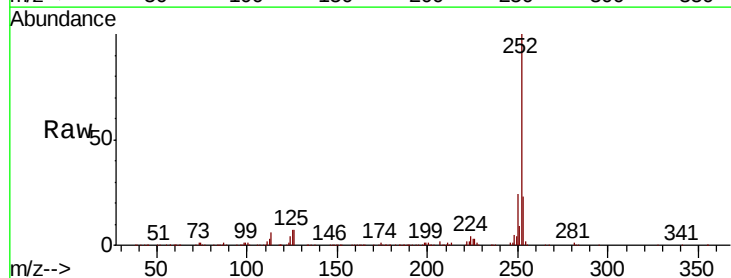
Instrument :  
BNA\_G  
ClientSampleId :

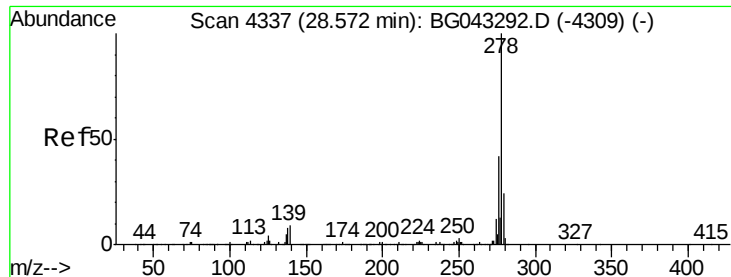
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.3  | 25.9  |
| 125     | 5.4   | 4.6   | 6.8   |



#90  
Benzo(a)pyrene  
Concen: 47.077 ng  
RT: 24.67 min Scan# 3674  
Delta R.T. -0.02 min  
Lab File: BG043616.D  
Acq: 13 Nov 2019 17:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.8  | 26.8  |
| 125     | 6.6   | 5.4   | 8.2   |





#91

Dibenzo(a,h)anthracene

Concen: 50.861 ng

RT: 28.51 min Scan# 4326

Delta R.T. -0.05 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA\_G

ClientSampleId :

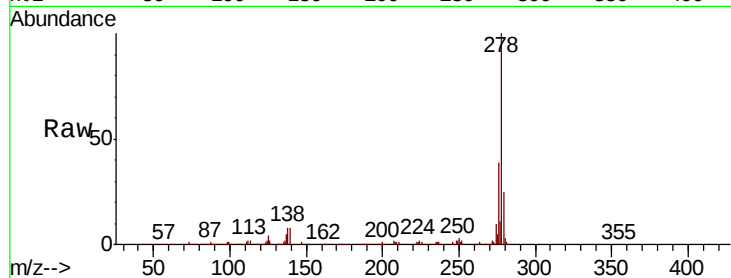
Tot Ion:278 Resp: 629776

Ion Ratio Lower Upper

278 100

139 7.9 7.4 11.0

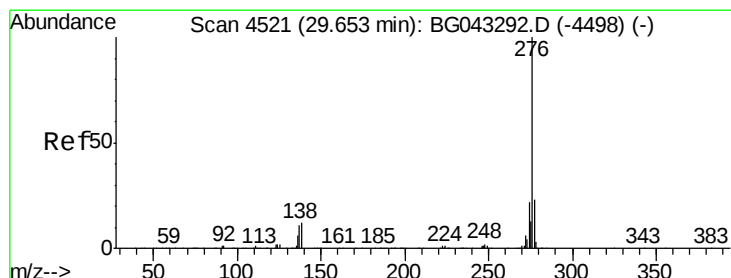
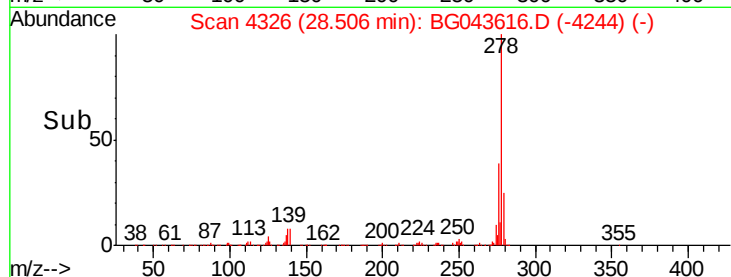
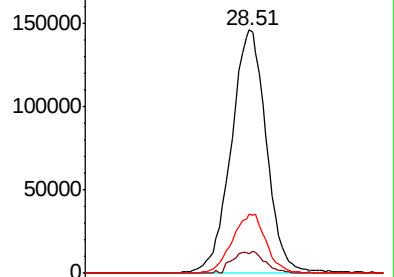
279 24.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.770 ng

RT: 29.58 min Scan# 4509

Delta R.T. -0.05 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

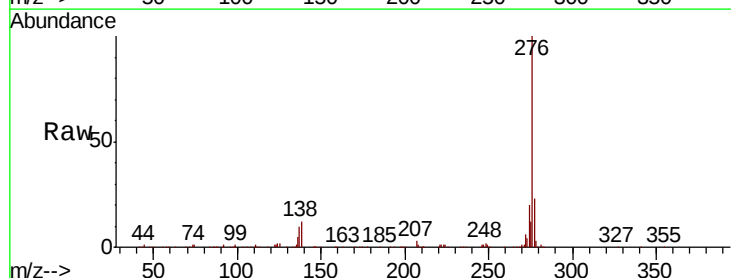
Tgt Ion:276 Resp: 620105

Ion Ratio Lower Upper

276 100

277 22.8 18.9 28.3

138 11.6 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

