

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\  
 Data File : BG044215.D  
 Acq On : 27 Jan 2020 14:53  
 Operator : CG/JU  
 Sample : PB126367BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126367BS

Quant Time: Jan 28 00:38:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 13:32:23 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.93  | 152  | 86162    | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 10.73 | 136  | 386084   | 20.00 | ng    | -0.04    |
| 39) Acenaphthene-d10      | 14.57 | 164  | 257426   | 20.00 | ng    | -0.03    |
| 64) Phenanthrene-d10      | 17.31 | 188  | 515108   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.57 | 240  | 445311   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 24.67 | 264  | 494270   | 20.00 | ng    | -0.05    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.51  | 112 | 622699  | 132.70 | ng | -0.03 |
| 7) Phenol-d6             | 7.11  | 99  | 834623  | 127.24 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.09  | 82  | 511784  | 70.91  | ng | -0.03 |
| 42) 2,4,6-Tribromophenol | 16.06 | 330 | 321336  | 119.28 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 13.19 | 172 | 1200799 | 84.51  | ng | -0.03 |
| 79) Terphenyl-d14        | 19.93 | 244 | 1652454 | 91.18  | ng | -0.03 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.39  | 88  | 86349  | 42.202 | ng | 96     |
| 3) Pyridine                    | 3.79  | 79  | 207871 | 34.390 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.70  | 42  | 104254 | 38.740 | ng | # 94   |
| 6) Aniline                     | 7.25  | 93  | 266231 | 30.901 | ng | 97     |
| 8) 2-Chlorophenol              | 7.50  | 128 | 269556 | 48.930 | ng | 96     |
| 9) Benzaldehyde                | 7.07  | 77  | 130135 | 30.998 | ng | 97     |
| 10) Phenol                     | 7.13  | 94  | 330468 | 48.898 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.35  | 93  | 245983 | 42.166 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.82  | 146 | 271874 | 42.173 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.97  | 146 | 271438 | 42.673 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.29  | 146 | 260972 | 42.745 | ng | 98     |
| 15) Benzyl Alcohol             | 8.17  | 79  | 221977 | 42.879 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.46  | 45  | 324476 | 35.951 | ng | 98     |
| 17) 2-Methylphenol             | 8.38  | 107 | 233068 | 47.655 | ng | 98     |
| 18) Hexachloroethane           | 9.02  | 117 | 101002 | 40.808 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.74  | 70  | 195336 | 39.988 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.71  | 107 | 320414 | 46.963 | ng | 98     |
| 22) Acetophenone               | 8.75  | 105 | 368732 | 38.416 | ng | # 97   |
| 24) Nitrobenzene               | 9.13  | 77  | 277141 | 38.772 | ng | 98     |
| 25) Isophorone                 | 9.66  | 82  | 535292 | 39.534 | ng | 98     |
| 26) 2-Nitrophenol              | 9.84  | 139 | 151719 | 44.863 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 9.91  | 122 | 261299 | 51.329 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.14 | 93  | 348938 | 38.656 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.38 | 162 | 273044 | 44.966 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.60 | 180 | 276189 | 40.565 | ng | 98     |
| 31) Naphthalene                | 10.78 | 128 | 804561 | 43.063 | ng | 99     |
| 32) Benzoic acid               | 10.06 | 122 | 101921 | 27.640 | ng | 92     |
| 33) 4-Chloroaniline            | 10.89 | 127 | 218349 | 24.503 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.08 | 225 | 160052 | 38.502 | ng | 96     |
| 35) Caprolactam                | 11.65 | 113 | 75741  | 33.506 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 12.02 | 107 | 286079 | 44.255 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.39 | 142 | 614918 | 43.717 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.61 | 142 | 579611 | 43.478 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 298392 | 39.547 | ng | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\  
 Data File : BG044215.D  
 Acq On : 27 Jan 2020 14:53  
 Operator : CG/JU  
 Sample : PB126367BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126367BS

Quant Time: Jan 28 00:38:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 13:32:23 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.75 | 237  | 365657   | 93.478 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.01 | 196  | 219284   | 42.238 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.08 | 196  | 229006   | 42.768 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.40 | 154  | 773487   | 41.907 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.45 | 162  | 607706   | 40.746 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.64 | 65   | 173921   | 36.252 | ng    | 97       |
| 49) Acenaphthylene             | 14.29 | 152  | 951712   | 44.397 | ng    | 98       |
| 50) Dimethylphthalate          | 14.02 | 163  | 753691   | 41.234 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.14 | 165  | 169190   | 40.953 | ng    | 93       |
| 52) Acenaphthene               | 14.63 | 154  | 594099   | 39.519 | ng    | 96       |
| 53) 3-Nitroaniline             | 14.47 | 138  | 133707   | 28.500 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.68 | 184  | 149306   | 71.560 | ng    | 90       |
| 55) Dibenzofuran               | 14.97 | 168  | 907482   | 43.851 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.79 | 139  | 290953   | 80.931 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 14.93 | 165  | 233588   | 41.553 | ng    | 97       |
| 58) Fluorene                   | 15.62 | 166  | 702556   | 42.832 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.20 | 232  | 196084   | 42.587 | ng    | 95       |
| 60) Diethylphthalate           | 15.39 | 149  | 748009   | 40.915 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.61 | 204  | 374152   | 42.008 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.63 | 138  | 164197   | 35.441 | ng    | 93       |
| 63) Azobenzene                 | 15.90 | 77   | 679975   | 40.106 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.70 | 198  | 127355   | 47.988 | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 15.83 | 169  | 651140   | 42.925 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.51 | 248  | 240970   | 41.594 | ng    | 94       |
| 68) Hexachlorobenzene          | 16.63 | 284  | 259427   | 41.558 | ng    | 94       |
| 69) Atrazine                   | 16.77 | 200  | 232946   | 47.243 | ng    | 99       |
| 70) Pentachlorophenol          | 16.97 | 266  | 260523   | 75.707 | ng    | 98       |
| 71) Phenanthrene               | 17.36 | 178  | 1064344  | 43.078 | ng    | 97       |
| 72) Anthracene                 | 17.45 | 178  | 1088624  | 44.583 | ng    | 97       |
| 73) Carbazole                  | 17.71 | 167  | 966757   | 42.862 | ng    | 96       |
| 74) Di-n-butylphthalate        | 18.28 | 149  | 1189886  | 41.319 | ng    | 97       |
| 75) Fluoranthene               | 19.36 | 202  | 1230067  | 43.533 | ng    | 96       |
| 77) Benzidine                  | 19.54 | 184  | 372306   | 33.262 | ng    | 98       |
| 78) Pyrene                     | 19.73 | 202  | 1237458  | 42.572 | ng    | 96       |
| 80) Butylbenzylphthalate       | 20.62 | 149  | 552493   | 39.924 | ng    | 94       |
| 81) Benzo(a)anthracene         | 21.54 | 228  | 1186513  | 42.970 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.46 | 252  | 359632   | 32.967 | ng    | 98       |
| 83) Chrysene                   | 21.61 | 228  | 1131273  | 43.117 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phthalate | 21.47 | 149  | 778501   | 40.771 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.64 | 149  | 1361064  | 42.399 | ng    | 95       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.20 | 276  | 1478070  | 41.453 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 23.69 | 252  | 1249339  | 42.756 | ng    | 96       |
| 89) Benzo(k)fluoranthene       | 23.76 | 252  | 1243744  | 44.761 | ng    | 97       |
| 90) Benzo(a)pyrene             | 24.53 | 252  | 1158001  | 41.989 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.26 | 278  | 1211706  | 43.749 | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 29.30 | 276  | 1223914  | 44.487 | ng    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 825

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

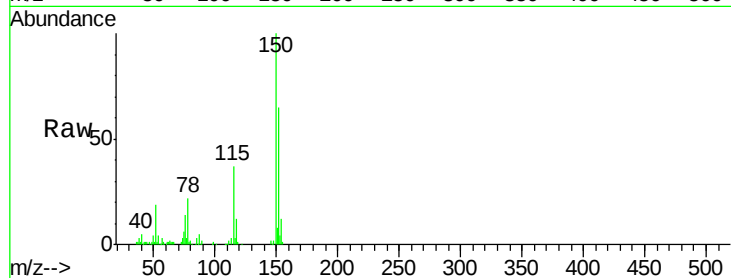
Tot Ion:152 Resp: 86162

Ion Ratio Lower Upper

152 100

150 153.1 127.0 190.4

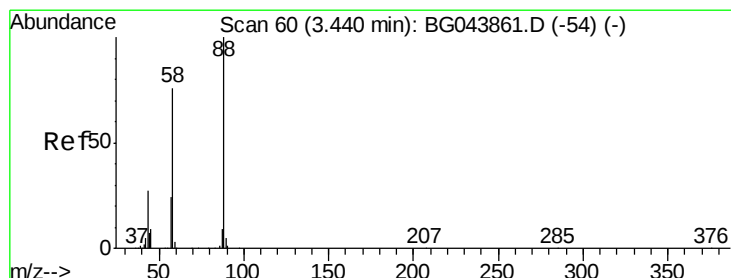
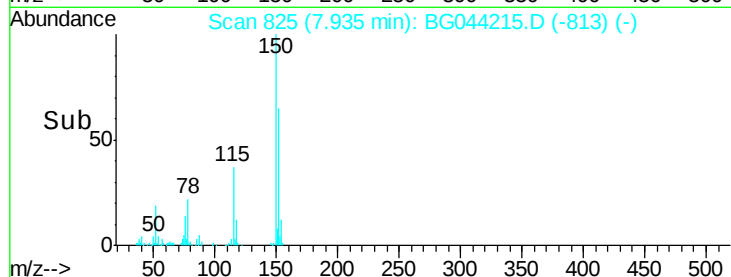
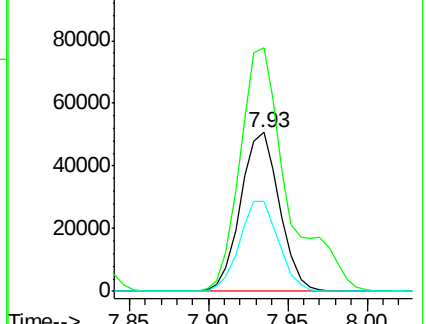
115 56.7 47.8 71.8



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: 42.202 ng

RT: 3.39 min Scan# 52

Delta R.T. -0.05 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

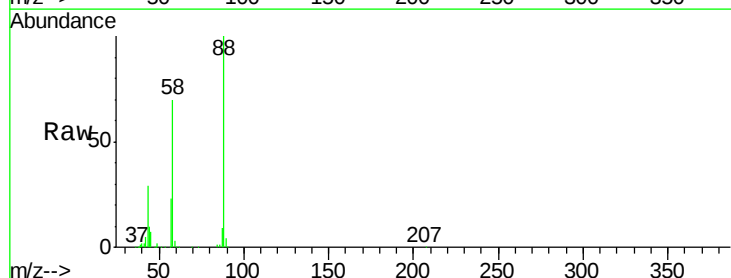
Tgt Ion: 88 Resp: 86349

Ion Ratio Lower Upper

88 100

58 71.3 59.8 89.8

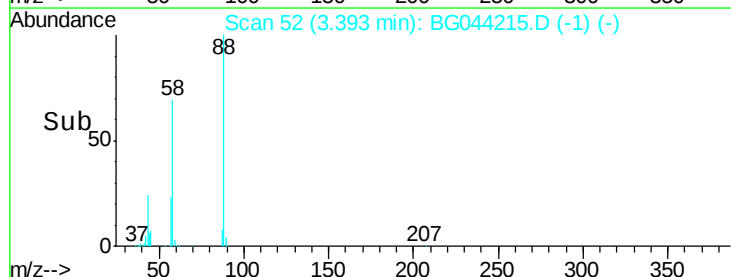
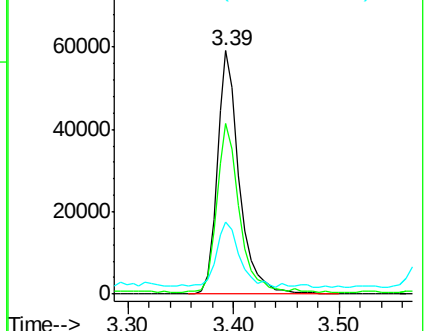
43 27.4 22.9 34.3



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: 34.390 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

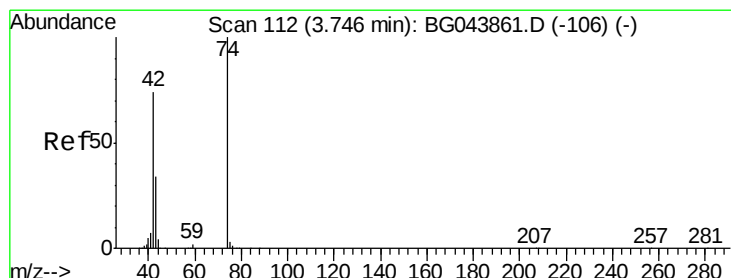
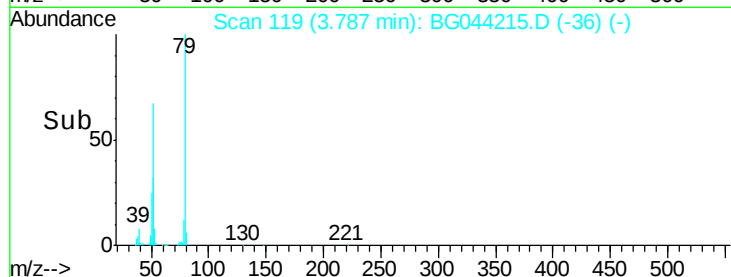
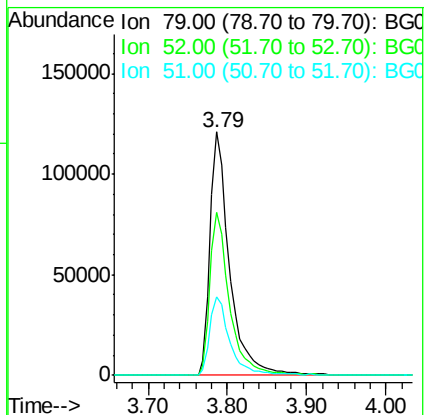
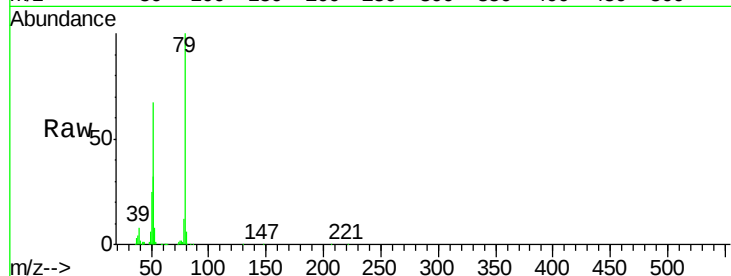
Tot Ion: 79 Resp: 207871

Ion Ratio Lower Upper

79 100

52 67.0 58.9 88.3

51 32.3 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 38.740 ng

RT: 3.70 min Scan# 105

Delta R.T. -0.04 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

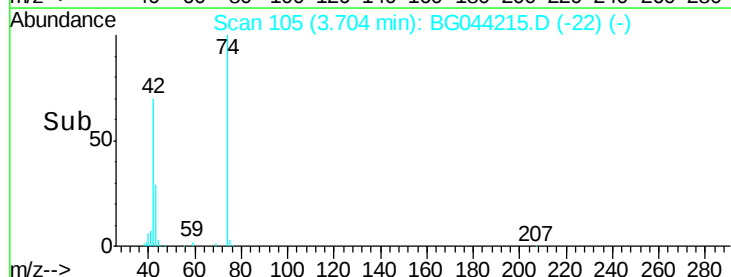
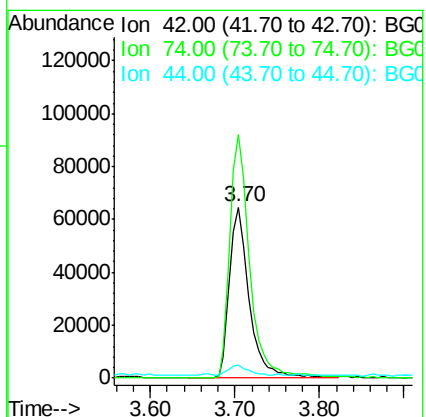
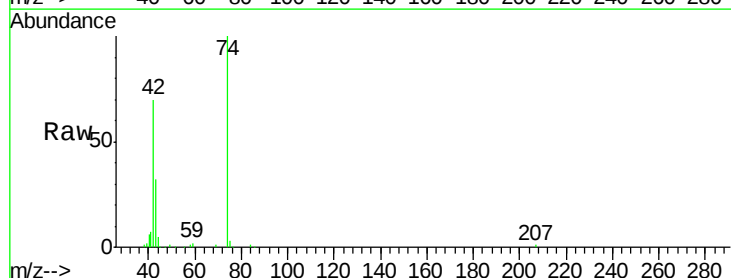
Tgt Ion: 42 Resp: 104254

Ion Ratio Lower Upper

42 100

74 142.4 108.6 162.8

44 7.8 5.0 7.6#





#5

2-Fluorophenol

Concen: 132.698 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

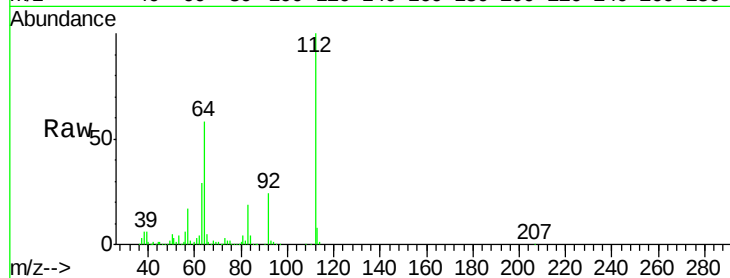
Tot Ion:112 Resp: 622699

Ion Ratio Lower Upper

112 100

64 57.8 47.8 71.6

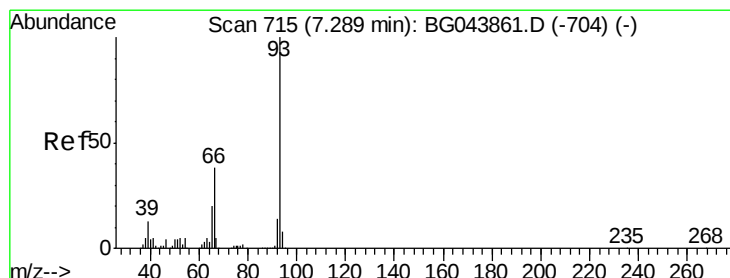
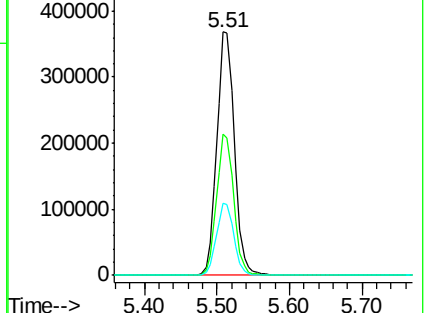
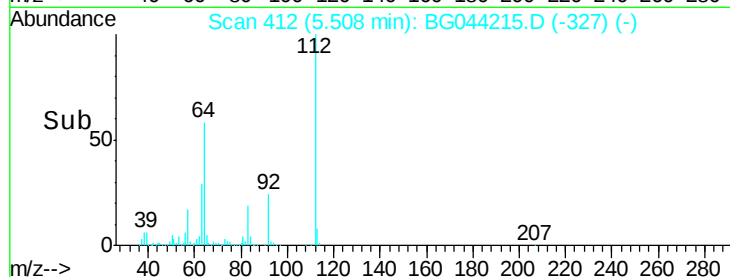
63 29.4 24.3 36.5



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: 30.901 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.04 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

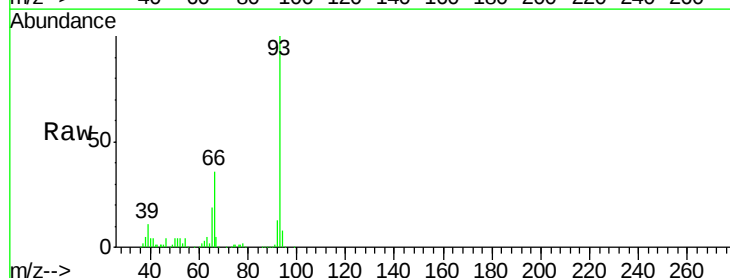
Tgt Ion: 93 Resp: 266231

Ion Ratio Lower Upper

93 100

66 36.4 30.8 46.2

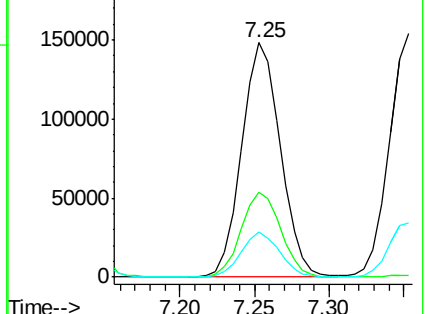
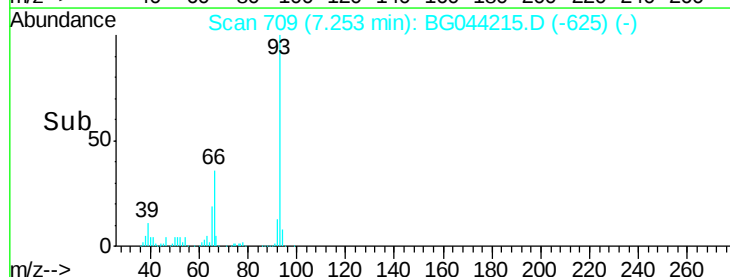
65 19.3 16.0 24.0



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: 127.240 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

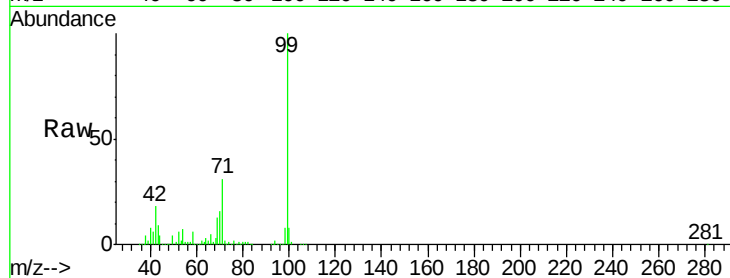
Tot Ion: 99 Resp: 834623

Ion Ratio Lower Upper

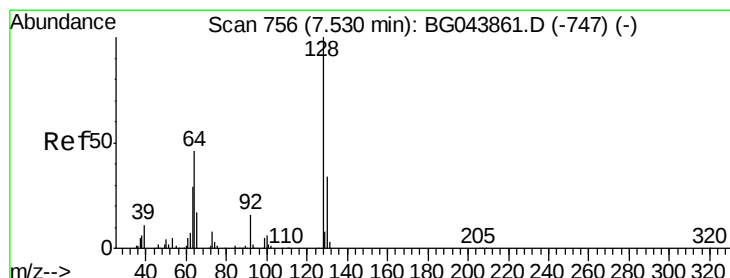
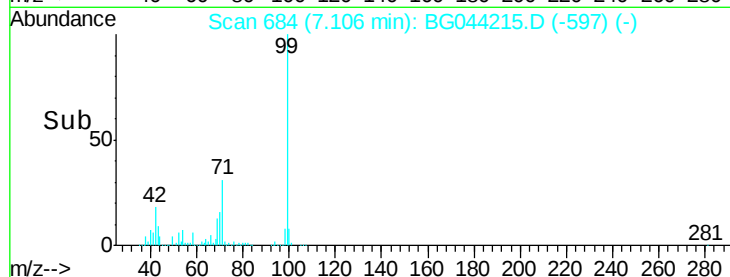
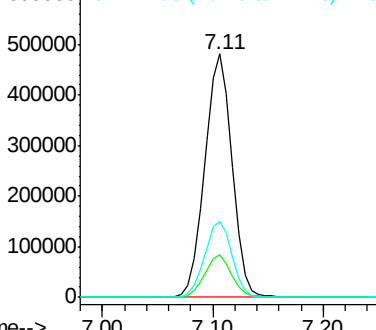
99 100

42 17.8 14.9 22.3

71 31.1 26.4 39.6



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



#8

2-Chlorophenol

Concen: 48.930 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

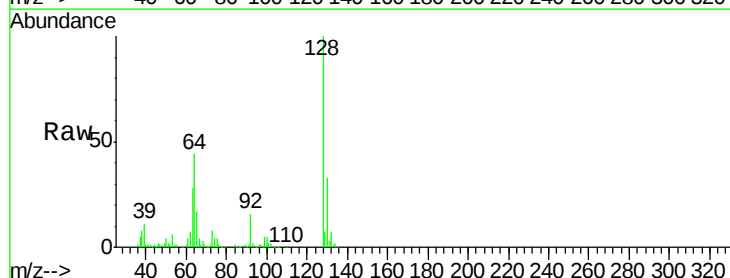
Tgt Ion: 128 Resp: 269556

Ion Ratio Lower Upper

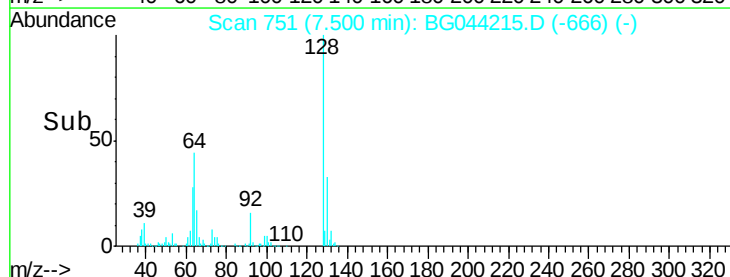
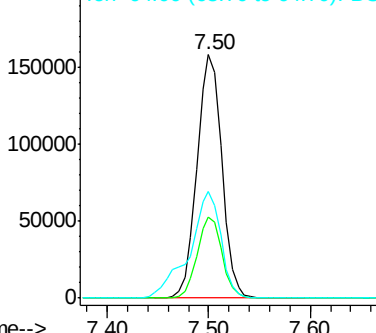
128 100

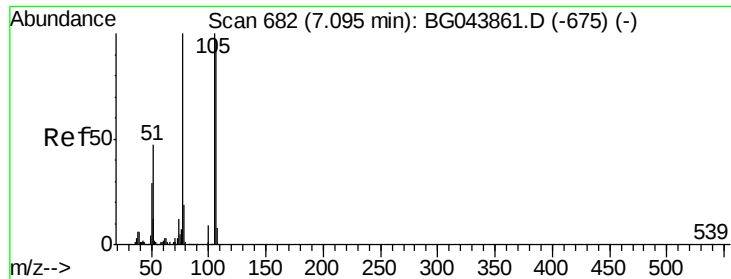
130 33.3 13.8 53.8

64 43.8 27.6 67.6



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





#9

Benzaldehyde

Concen: 30.998 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

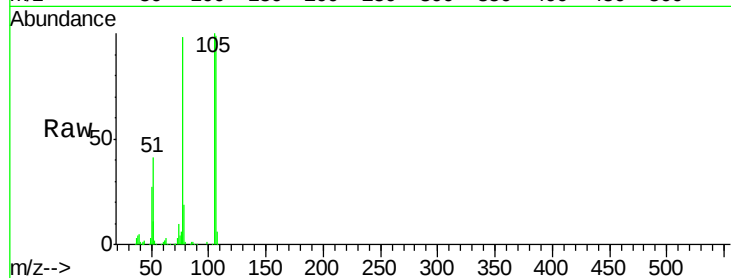
Tot Ion: 77 Resp: 130135

Ion Ratio Lower Upper

77 100

105 101.6 80.2 120.2

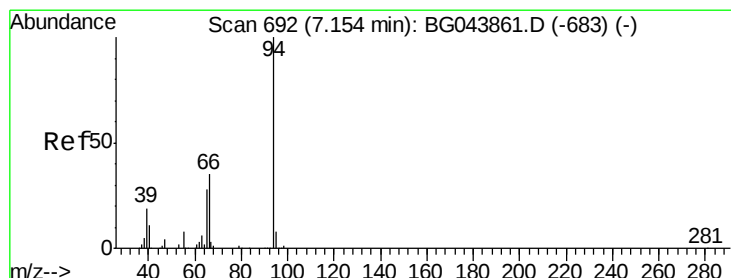
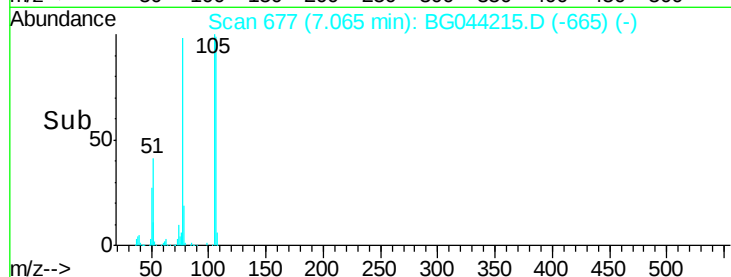
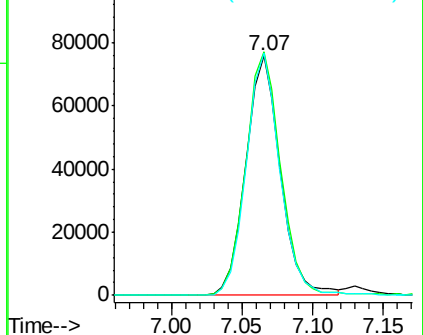
106 101.0 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.898 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

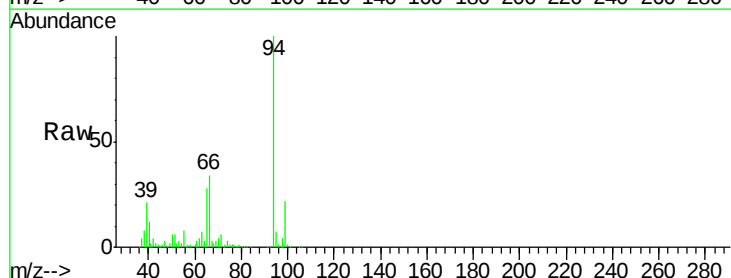
Tgt Ion: 94 Resp: 330468

Ion Ratio Lower Upper

94 100

65 28.0 8.1 48.1

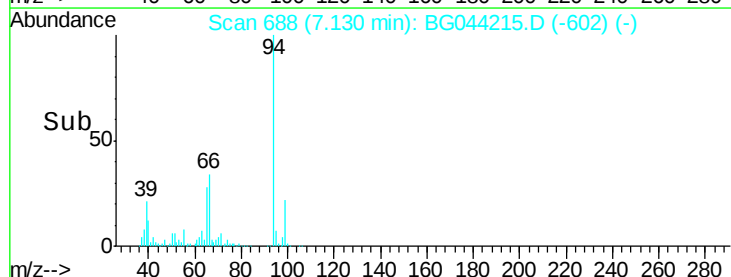
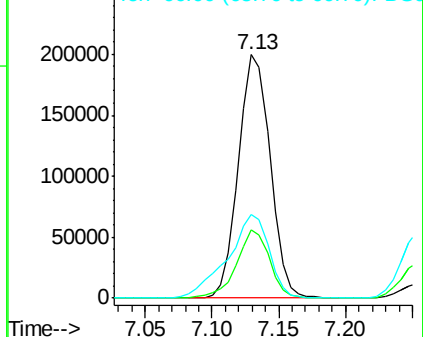
66 34.2 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

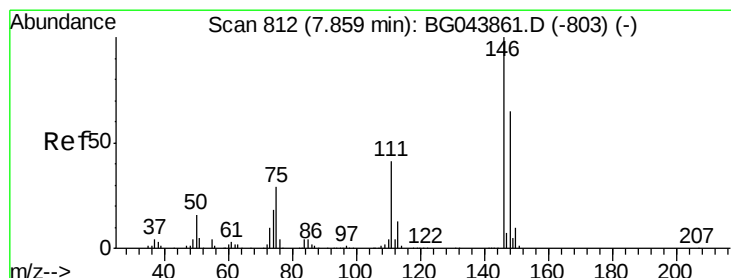
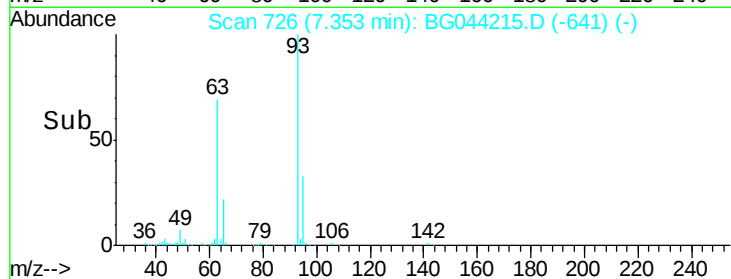
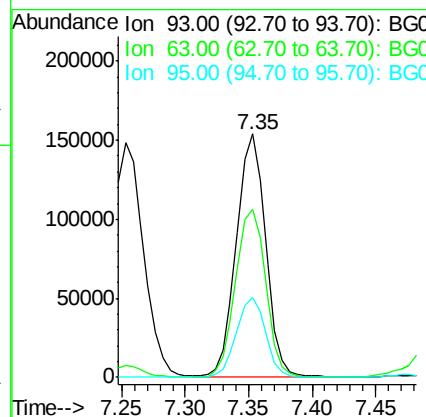
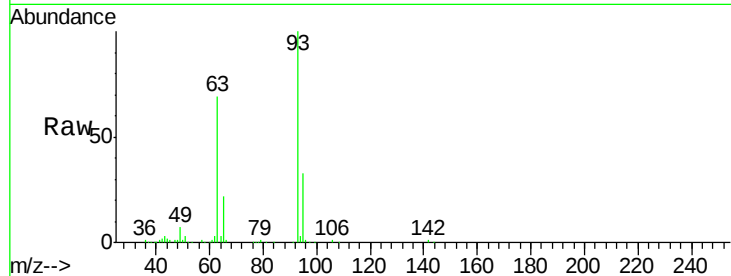




#11  
bis(2-Chloroethyl)ether  
Concen: 42.166 ng  
RT: 7.35 min Scan# 726  
Delta R.T. -0.03 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

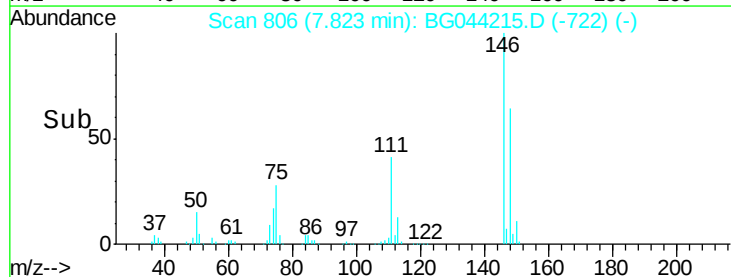
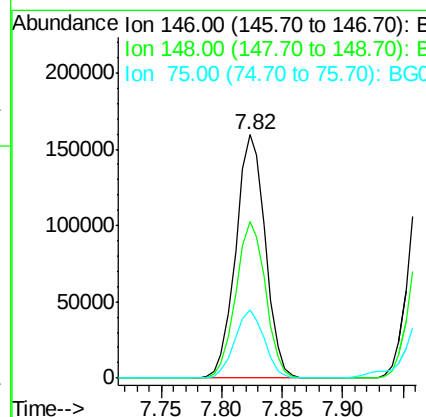
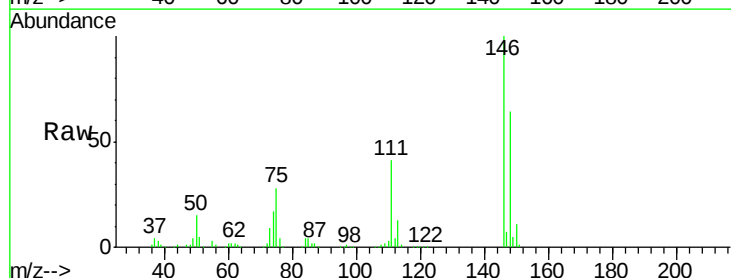
Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

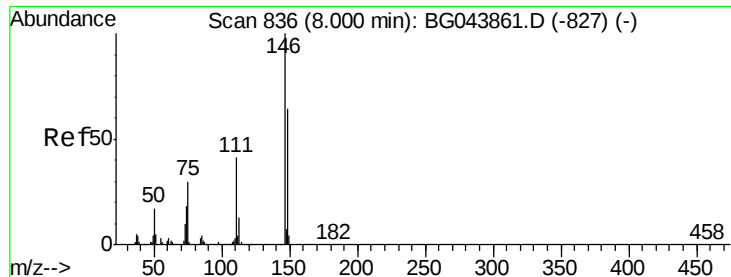
| Tot Ion   | 93   | Resp  | 245983 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 63        | 69.0 | 55.0  | 95.0   |
| 95        | 32.8 | 13.3  | 53.3   |



#12  
1,3-Dichlorobenzene  
Concen: 42.173 ng  
RT: 7.82 min Scan# 806  
Delta R.T. -0.04 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

| Tgt Ion   | 146  | Resp  | 271874 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 148       | 64.4 | 52.1  | 78.1   |
| 75        | 28.2 | 23.0  | 34.4   |

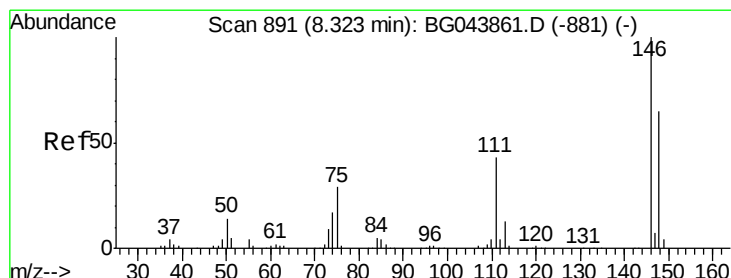
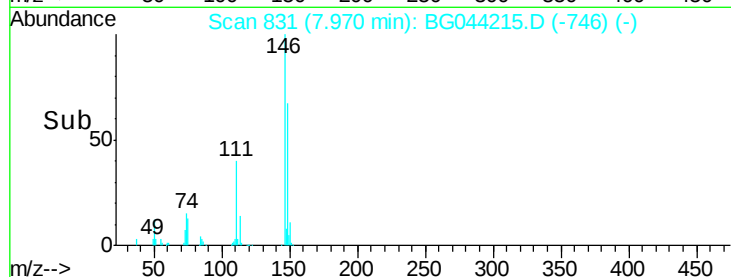
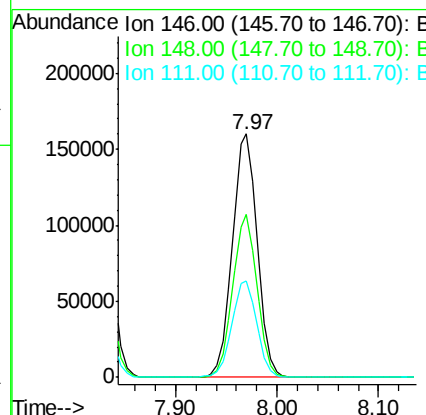
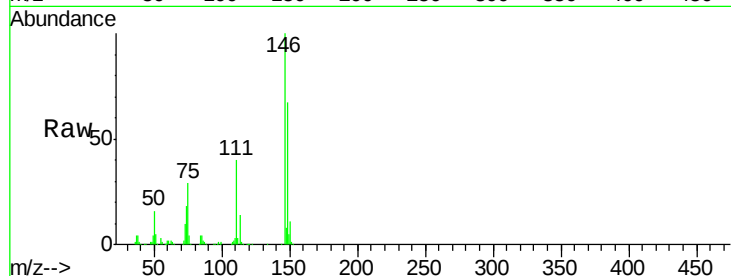




#13  
 1,4-Dichlorobenzene  
 Concen: 42.673 ng  
 RT: 7.97 min Scan# 831  
 Delta R.T. -0.03 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

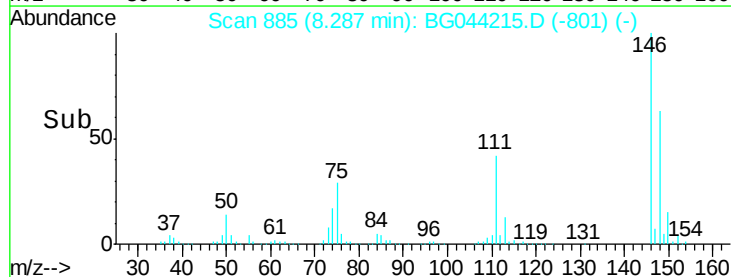
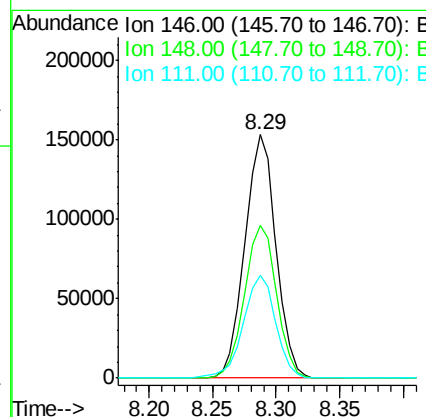
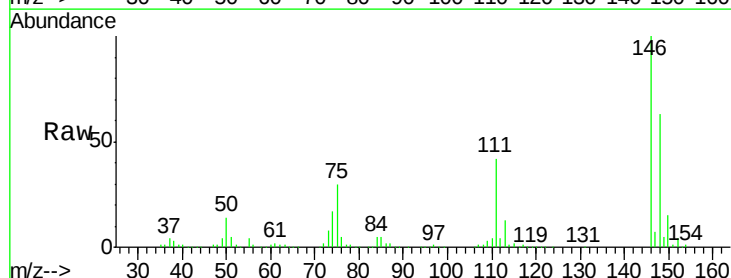
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126367BS

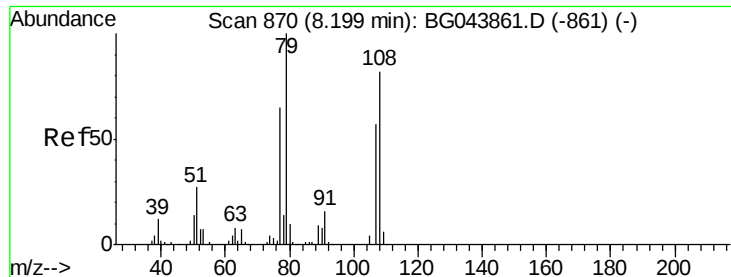
Tot Ion:146 Resp: 271438  
 Ion Ratio Lower Upper  
 146 100  
 148 66.9 51.2 76.8  
 111 39.8 33.1 49.7



#14  
 1,2-Dichlorobenzene  
 Concen: 42.745 ng  
 RT: 8.29 min Scan# 885  
 Delta R.T. -0.04 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

Tgt Ion:146 Resp: 260972  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 51.7 77.5  
 111 42.4 34.4 51.6





#15

Benzyl Alcohol

Concen: 42.879 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

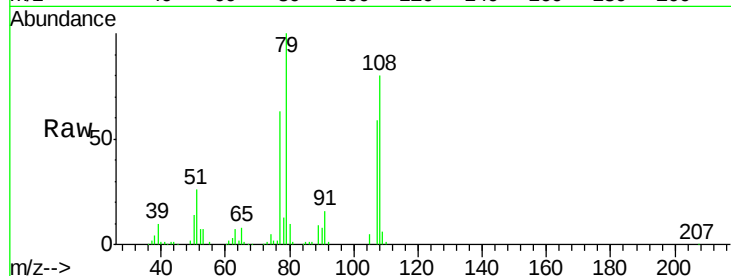
Tot Ion: 79 Resp: 221977

Ion Ratio Lower Upper

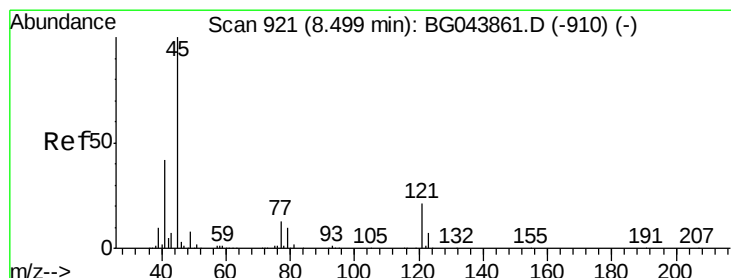
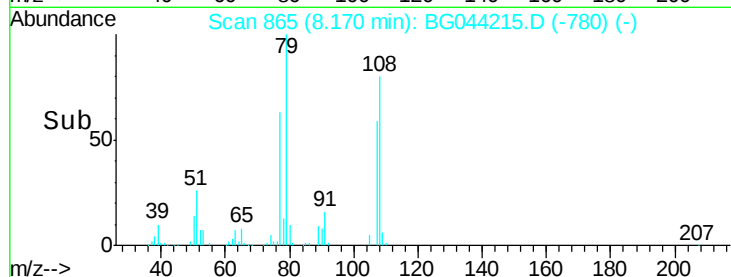
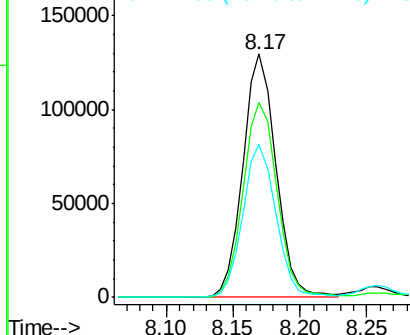
79 100

108 79.9 65.6 98.4

77 62.8 52.0 78.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.951 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.04 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

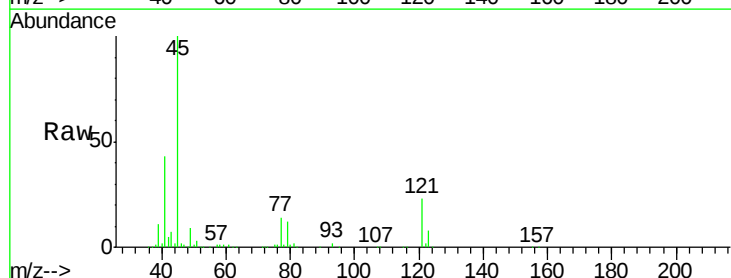
Tgt Ion: 45 Resp: 324476

Ion Ratio Lower Upper

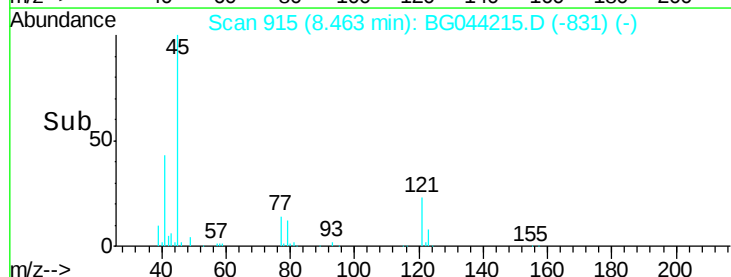
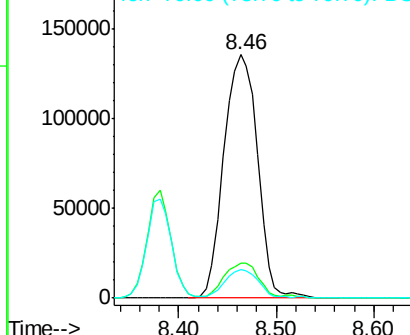
45 100

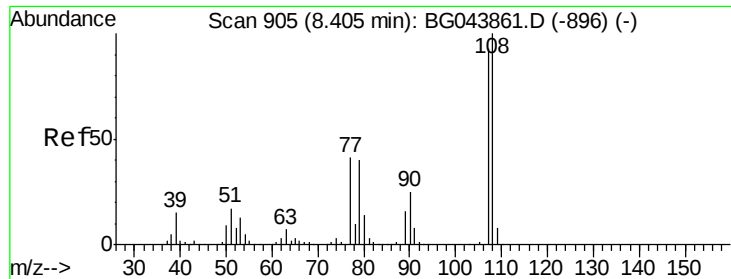
77 14.4 0.0 33.8

79 11.6 0.0 31.0



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

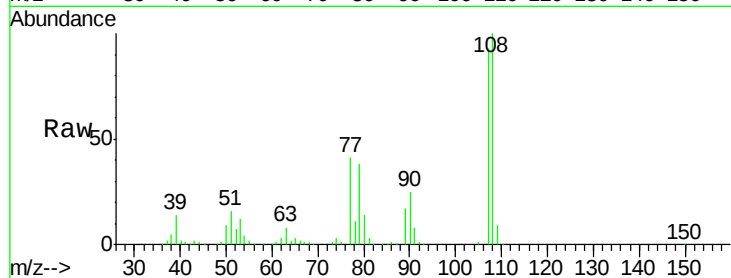




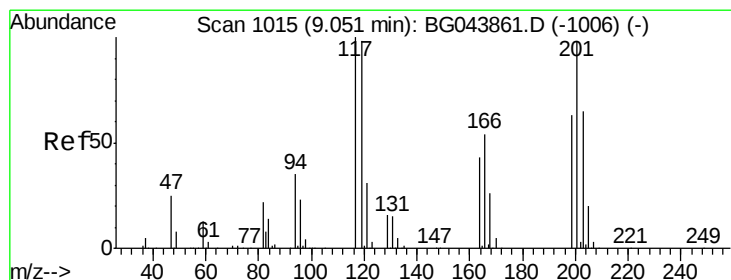
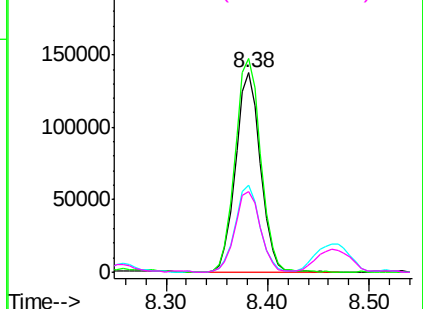
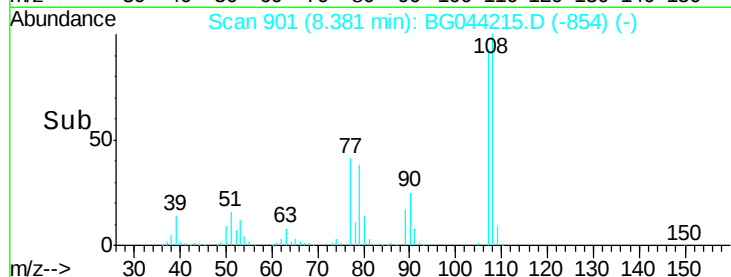
#17  
2-Methylphenol  
Concen: 47.655 ng  
RT: 8.38 min Scan# 901  
Delta R.T. -0.02 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 233068 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 107.0 | 86.1  | 129.1  |
| 77       | 43.8  | 35.4  | 53.0   |
| 79       | 40.3  | 34.8  | 52.2   |

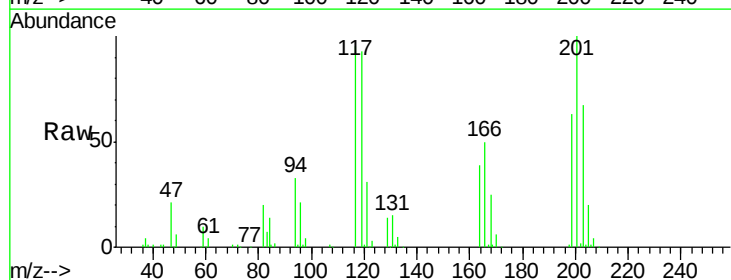


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

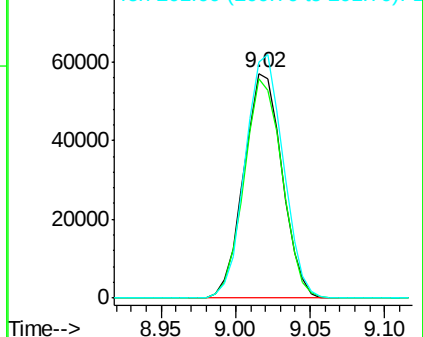
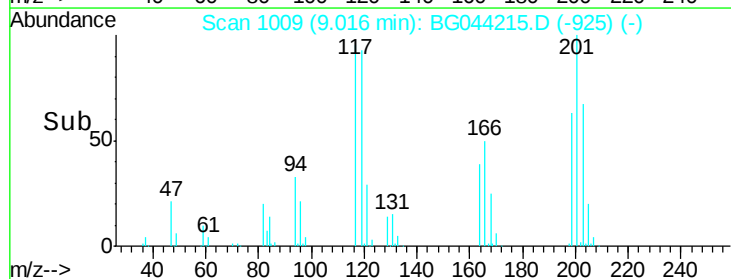


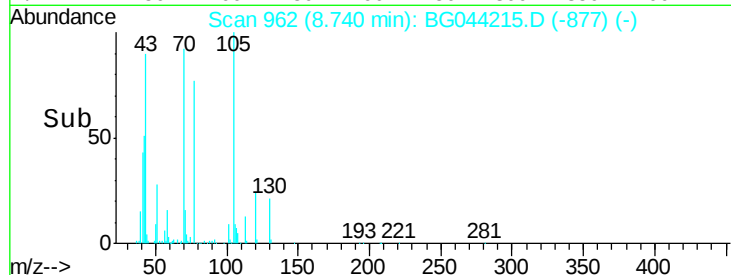
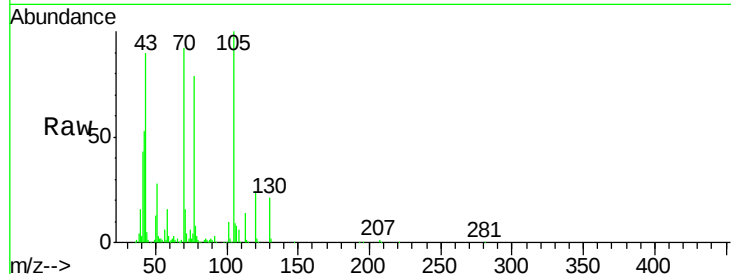
#18  
Hexachloroethane  
Concen: 40.808 ng  
RT: 9.02 min Scan# 1009  
Delta R.T. -0.04 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 101002 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.8  | 78.1  | 117.1  |
| 201      | 105.1 | 78.6  | 117.8  |



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

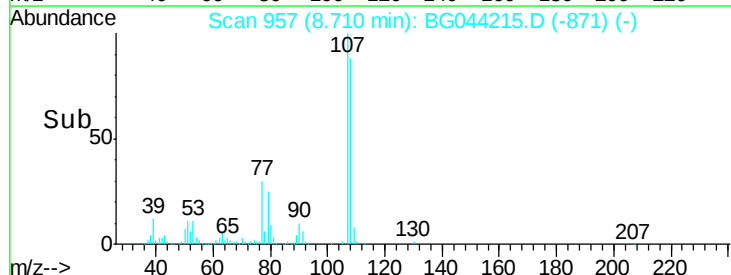
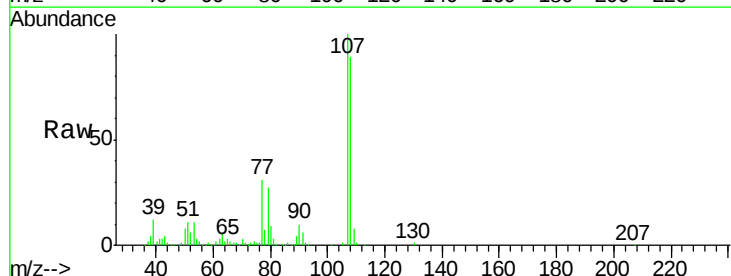
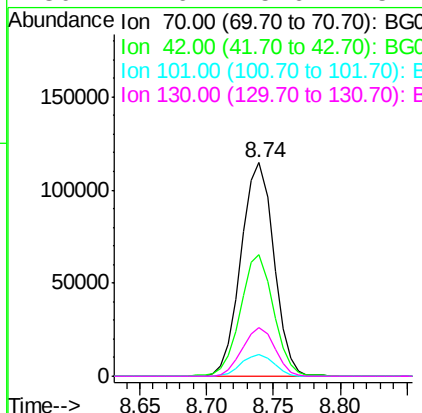




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.988 ng  
RT: 8.74 min Scan# 962  
Delta R.T. -0.03 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

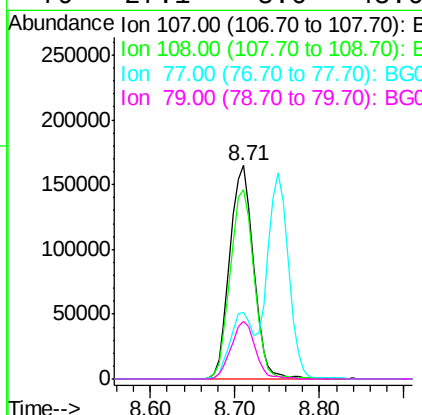
Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

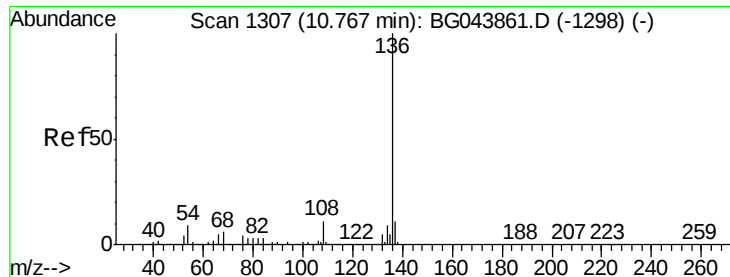
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 195336 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 57.1  | 47.0  | 70.4   |
| 101      | 10.5  | 7.2   | 10.8   |
| 130      | 22.6  | 15.6  | 23.4   |



#20  
3+4-Methylphenols  
Concen: 46.963 ng  
RT: 8.71 min Scan# 957  
Delta R.T. -0.02 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 320414 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.6  | 70.3  | 110.3  |
| 77       | 31.4  | 12.4  | 52.4   |
| 79       | 27.1  | 8.6   | 48.6   |

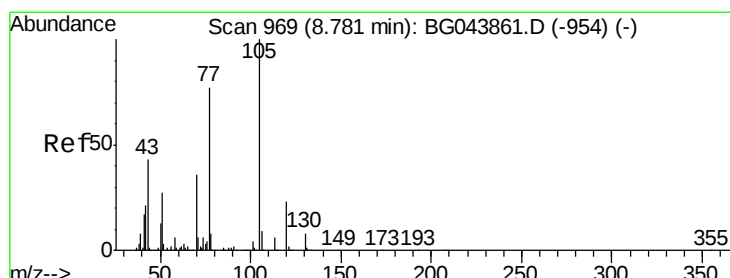
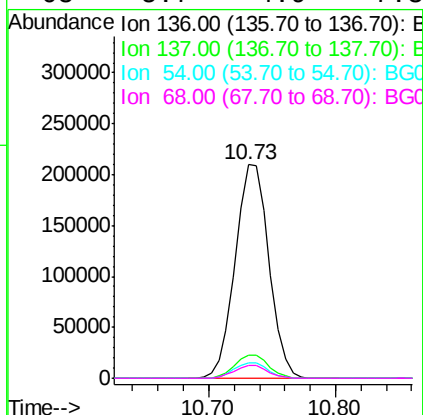
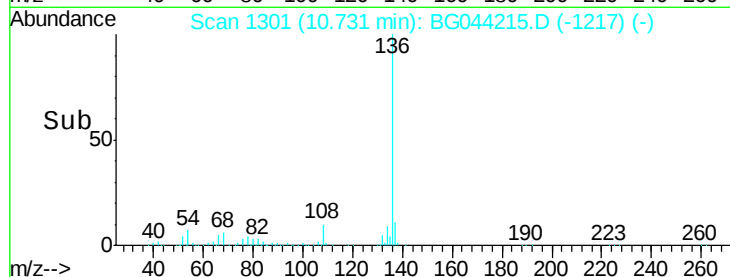
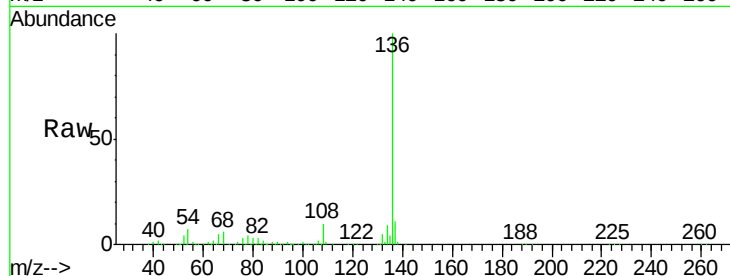




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.73 min Scan# 1301  
Delta R.T. -0.04 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

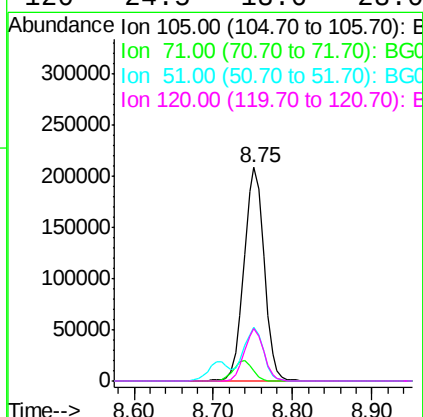
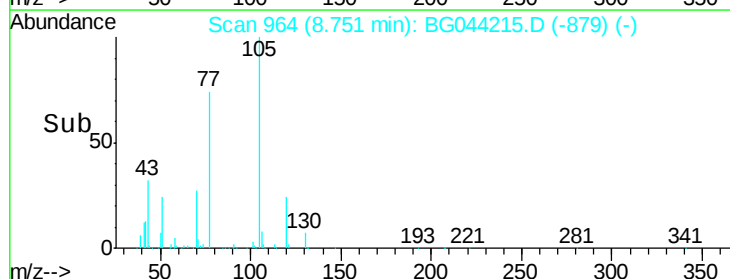
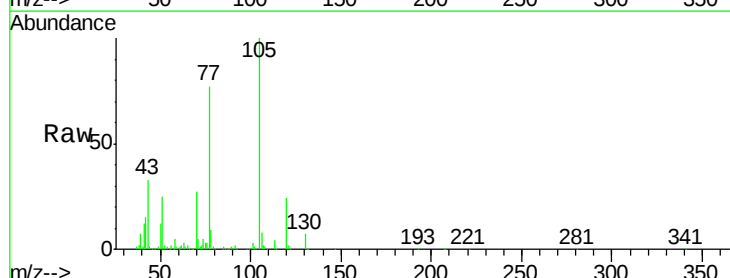
Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

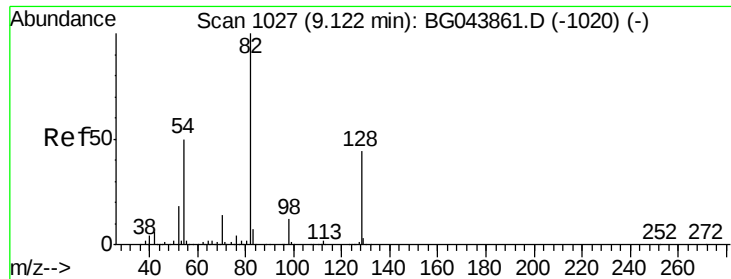
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 386084      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.1  | 8.8 13.2    |
| 54          | 7.5   | 7.0 10.4    |
| 68          | 5.7   | 4.9 7.3     |



#22  
Acetophenone  
Concen: 38.416 ng  
RT: 8.75 min Scan# 964  
Delta R.T. -0.03 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 368732      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 4.6   | 4.8 7.2#    |
| 51          | 25.0  | 21.4 32.0   |
| 120         | 24.5  | 18.6 28.0   |

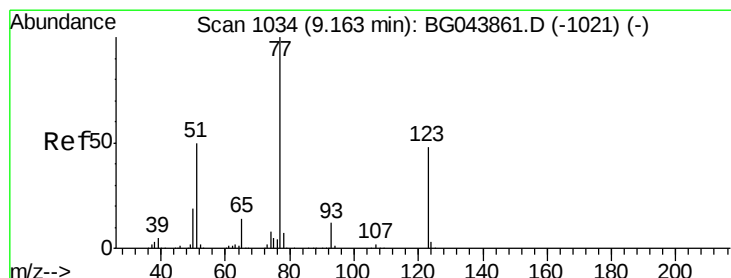
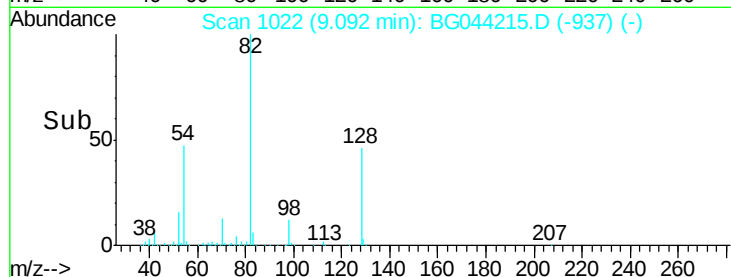
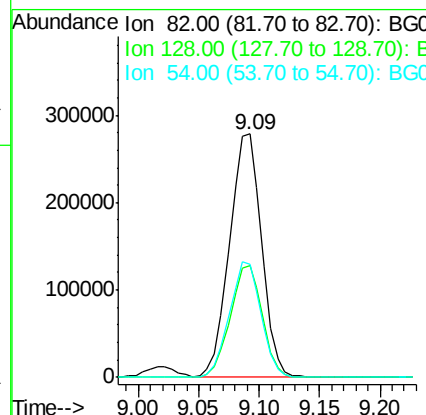
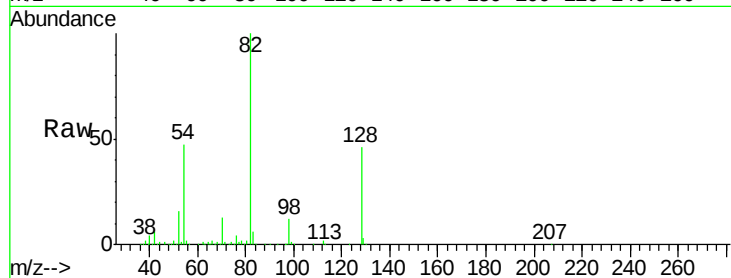




#23  
 Nitrobenzene-d5  
 Concen: 70.913 ng  
 RT: 9.09 min Scan# 1022  
 Delta R.T. -0.03 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

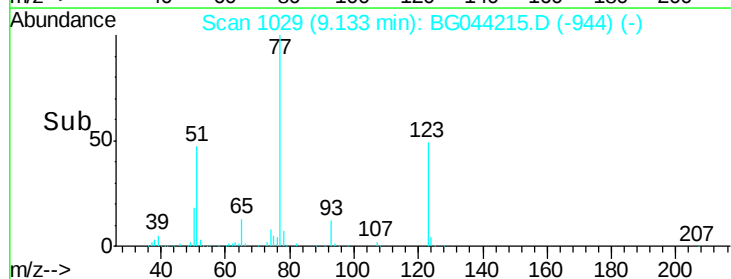
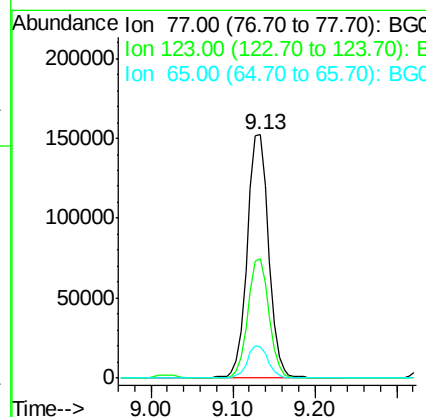
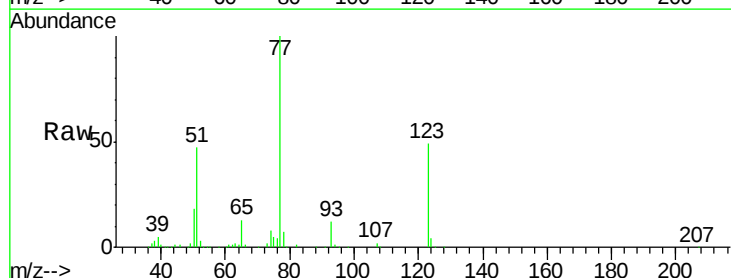
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126367BS

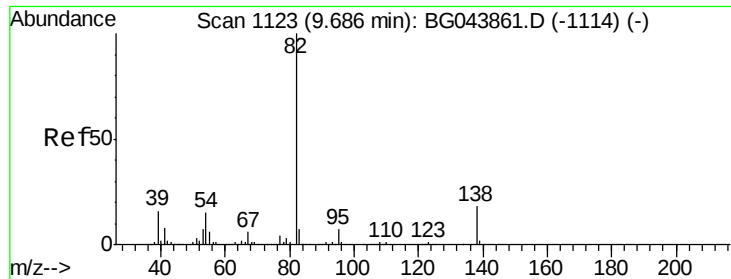
| Tot Ion   | 82    | Resp  | 511784 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.7  | 35.1  | 52.7   |
| 54        | 46.6  | 40.1  | 60.1   |



#24  
 Nitrobenzene  
 Concen: 38.772 ng  
 RT: 9.13 min Scan# 1029  
 Delta R.T. -0.03 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

| Tgt Ion   | 77    | Resp  | 277141 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 49.2  | 38.7  | 58.1   |
| 65        | 12.7  | 11.1  | 16.7   |





#25

Isophorone

Concen: 39.534 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

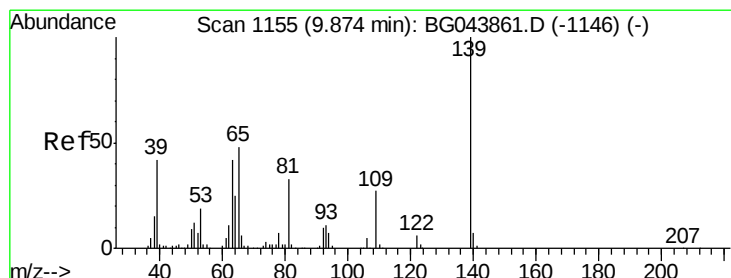
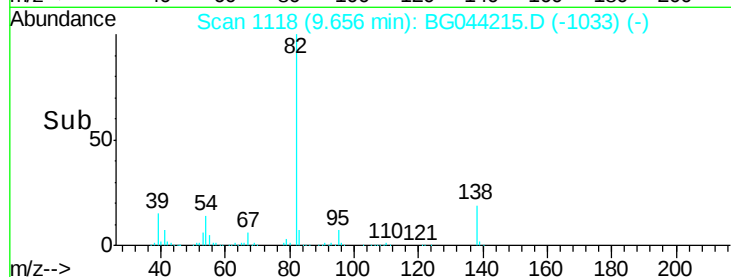
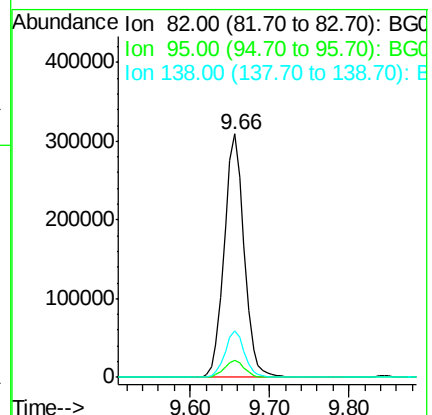
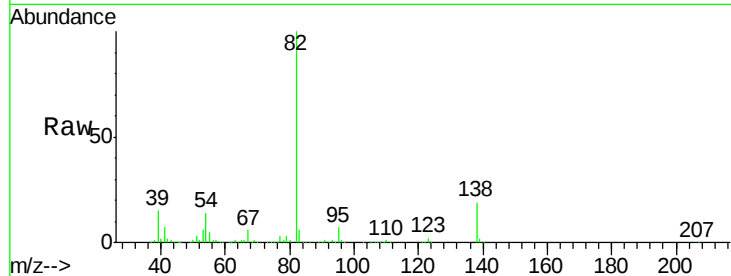
Tot Ion: 82 Resp: 535292

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

138 19.2 14.6 22.0



#26

2-Nitrophenol

Concen: 44.863 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

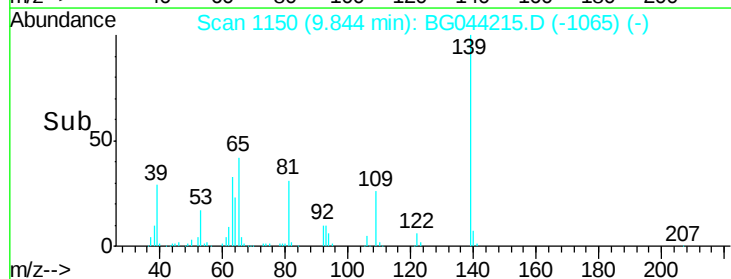
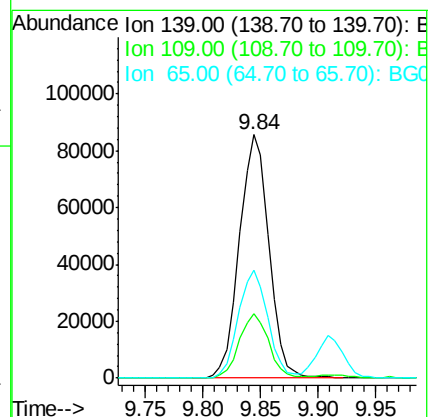
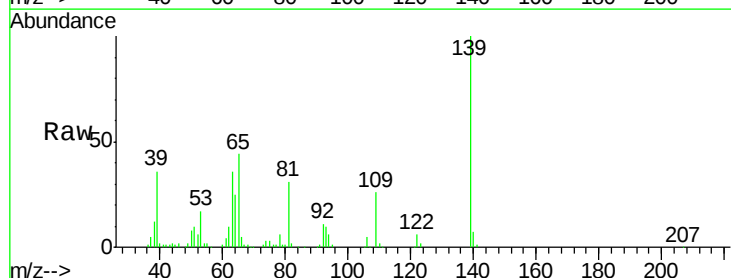
Tgt Ion: 139 Resp: 151719

Ion Ratio Lower Upper

139 100

109 26.3 21.3 31.9

65 44.4 38.6 57.8

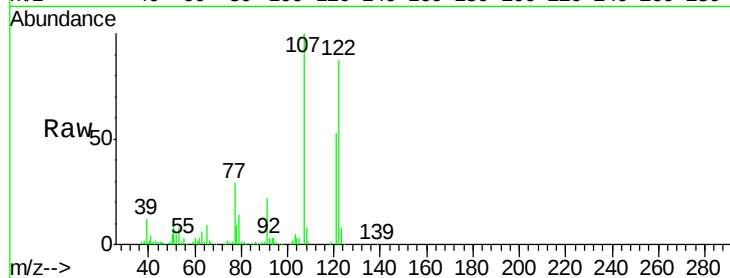




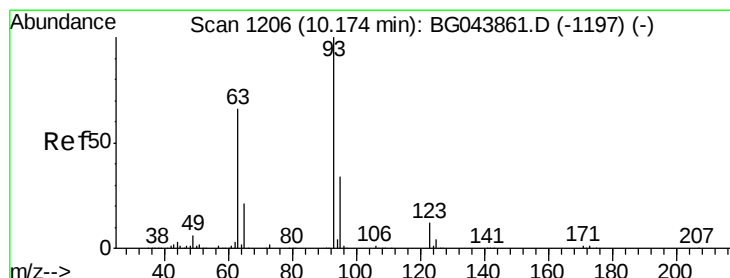
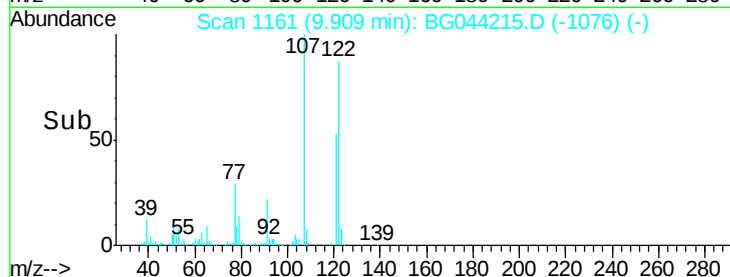
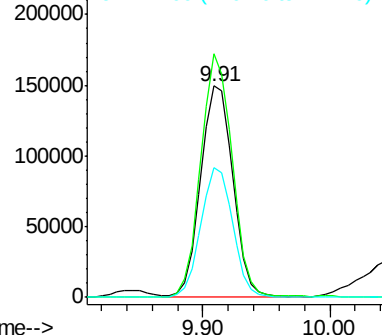
#27  
 2,4-Dimethylphenol  
 Concen: 51.329 ng  
 RT: 9.91 min Scan# 1161  
 Delta R.T. -0.03 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126367BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.4 | 88.0  | 132.0 |
| 121     | 61.4  | 49.0  | 73.4  |

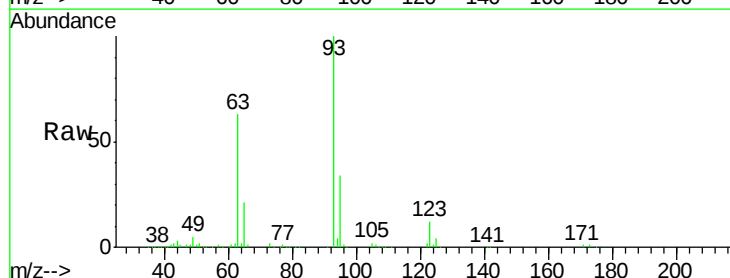


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

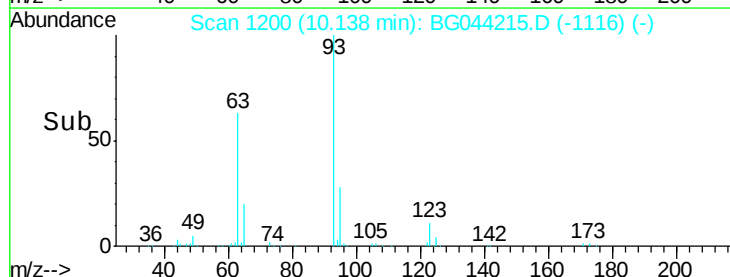
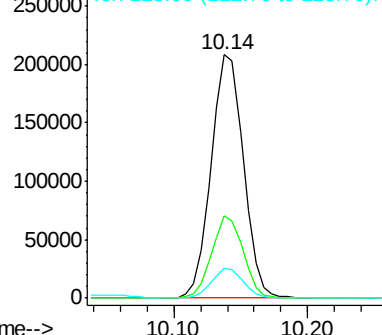


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.656 ng  
 RT: 10.14 min Scan# 1200  
 Delta R.T. -0.04 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.8  | 27.2  | 40.8  |
| 123     | 12.0  | 9.7   | 14.5  |



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

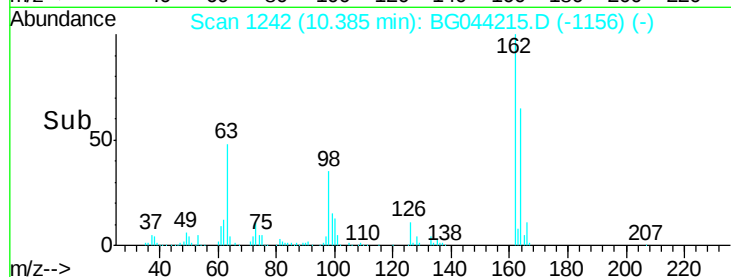
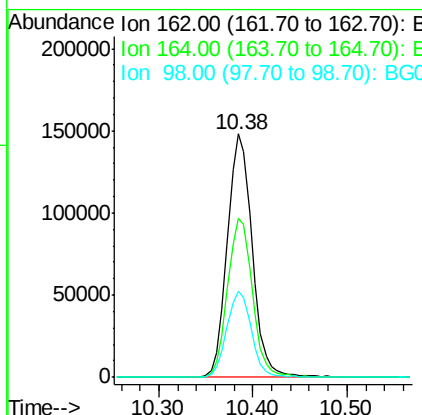
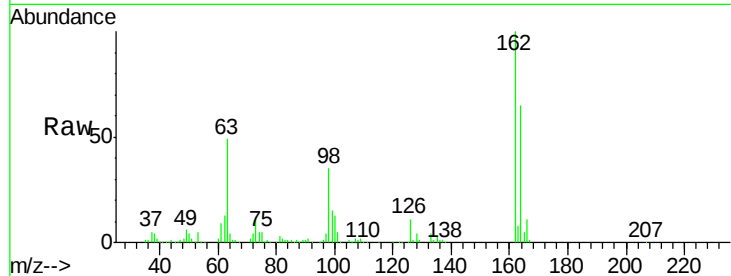




#29  
 2,4-Dichlorophenol  
 Concen: 44.966 ng  
 RT: 10.38 min Scan# 1242  
 Delta R.T. -0.02 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

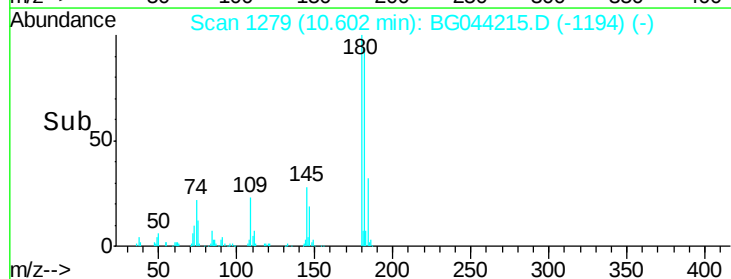
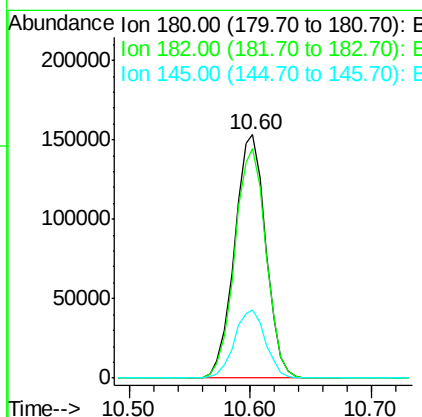
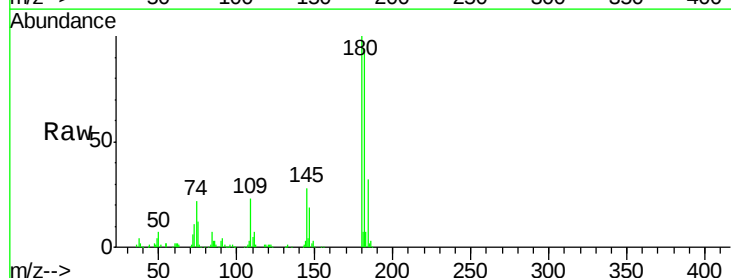
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126367BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.3  | 46.3  | 86.3  |
| 98      | 35.2  | 17.3  | 57.3  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.565 ng  
 RT: 10.60 min Scan# 1279  
 Delta R.T. -0.03 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.4  | 75.0  | 112.4 |
| 145     | 27.9  | 24.2  | 36.4  |

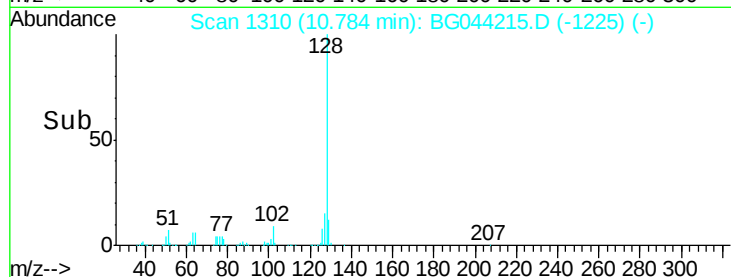
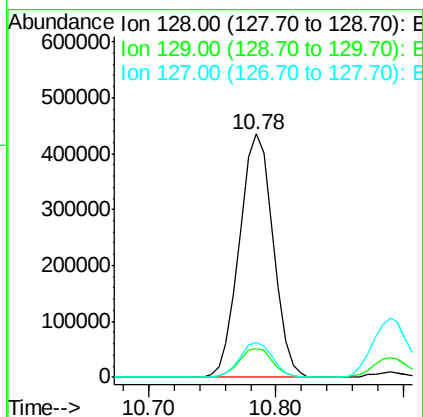
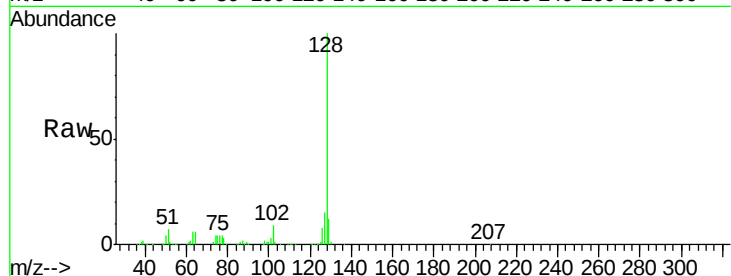




#31  
Naphthalene  
Concen: 43.063 ng  
RT: 10.78 min Scan# 1310  
Delta R.T. -0.03 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

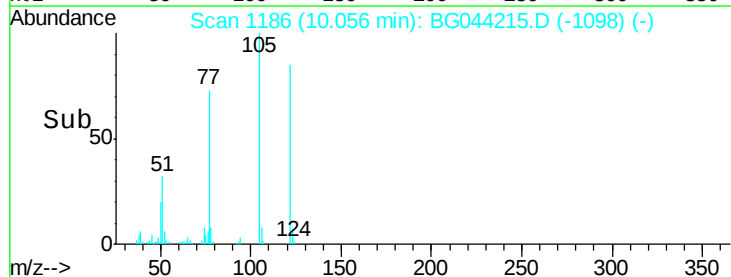
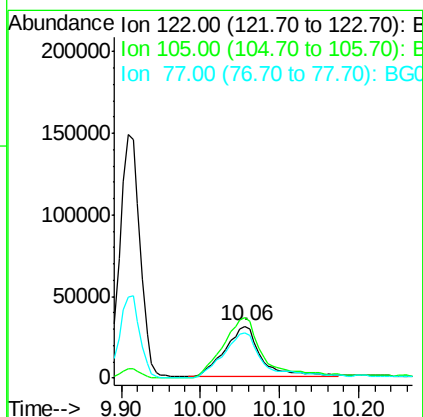
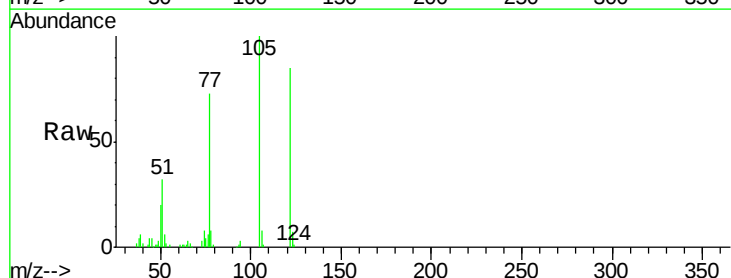
Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 9.8   | 14.6  |
| 127     | 14.6  | 12.0  | 18.0  |



#32  
Benzoic acid  
Concen: 27.640 ng  
RT: 10.06 min Scan# 1186  
Delta R.T. -0.01 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 118.1 | 106.4 | 146.4 |
| 77      | 86.7  | 74.6  | 114.6 |

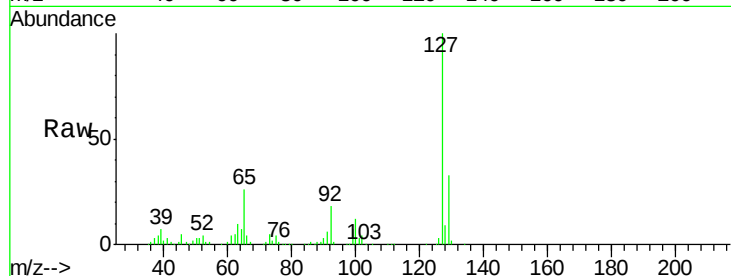




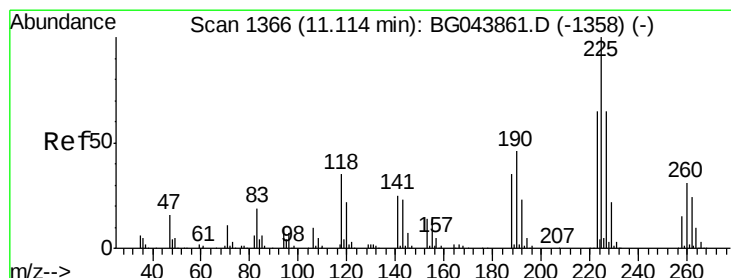
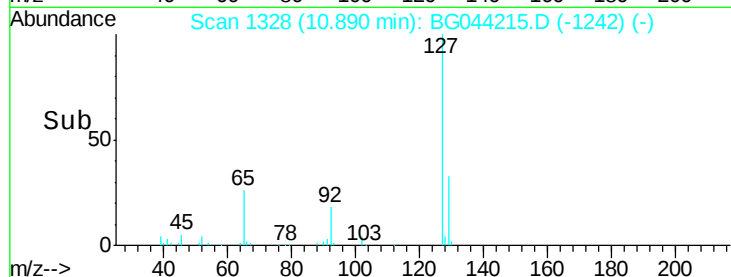
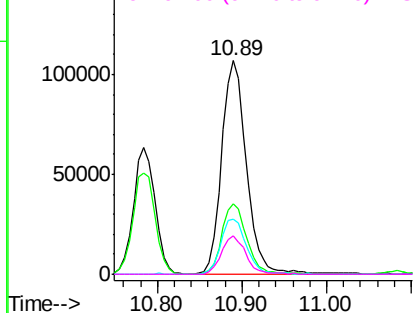
#33  
4-Chloroaniline  
Concen: 24.503 ng  
RT: 10.89 min Scan# 1328  
Delta R.T. -0.02 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 218349 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 26.6  | 40.0   |
| 65       | 25.9  | 23.3  | 34.9   |
| 92       | 18.3  | 14.7  | 22.1   |

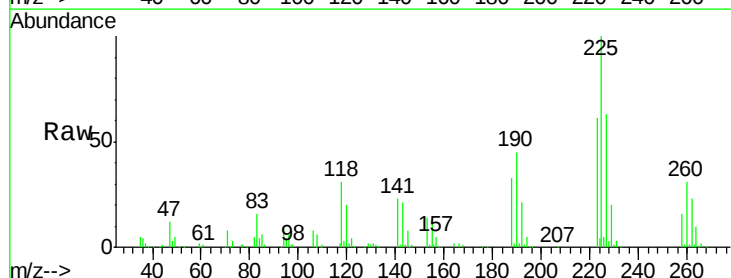


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

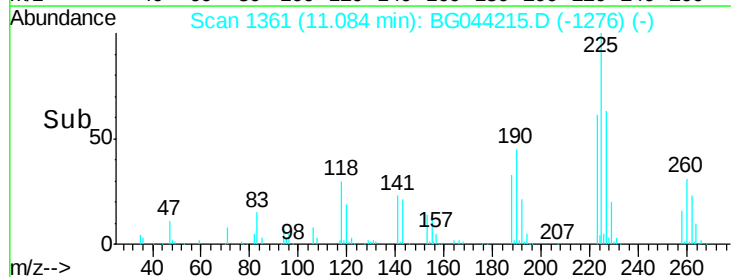
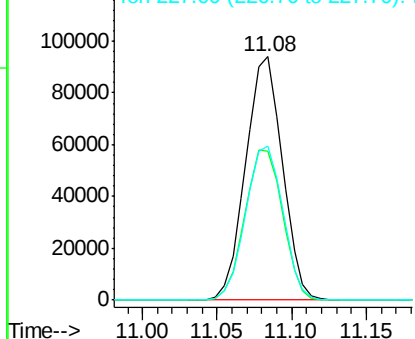


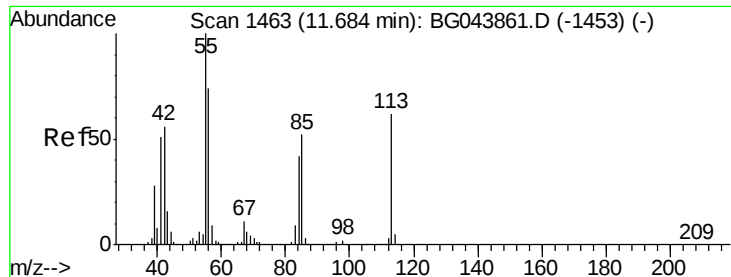
#34  
Hexachlorobutadiene  
Concen: 38.502 ng  
RT: 11.08 min Scan# 1361  
Delta R.T. -0.03 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 160052 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.2  | 52.2  | 78.4   |
| 227      | 63.3  | 52.1  | 78.1   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.506 ng

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

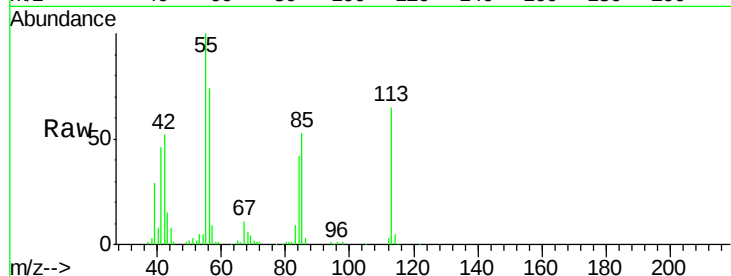
Tot Ion:113 Resp: 75741

Ion Ratio Lower Upper

113 100

55 152.7 142.5 182.5

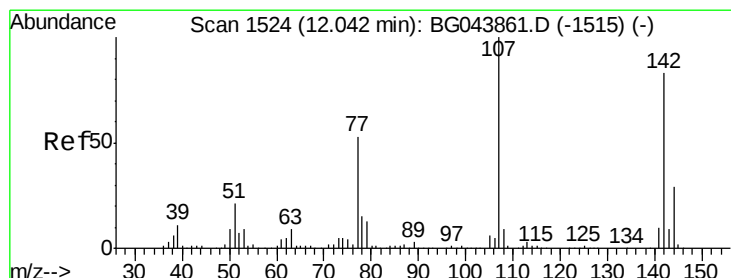
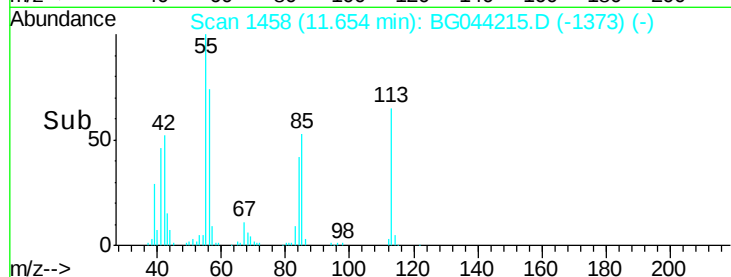
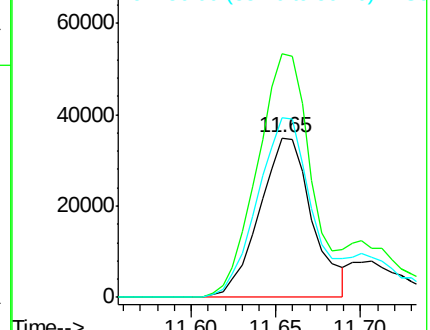
56 112.3 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.255 ng

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

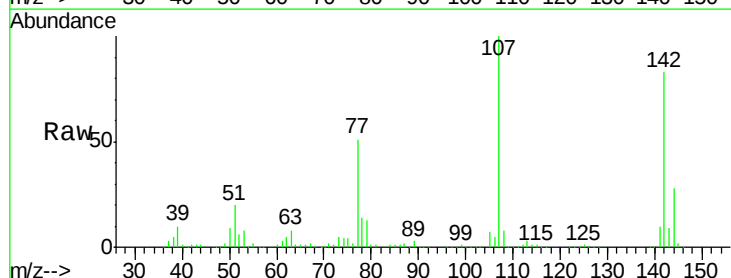
Tgt Ion:107 Resp: 286079

Ion Ratio Lower Upper

107 100

144 27.7 23.4 35.2

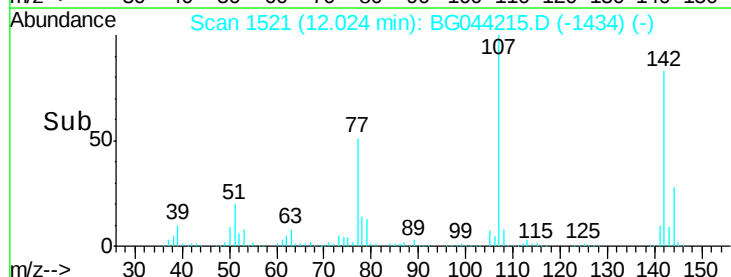
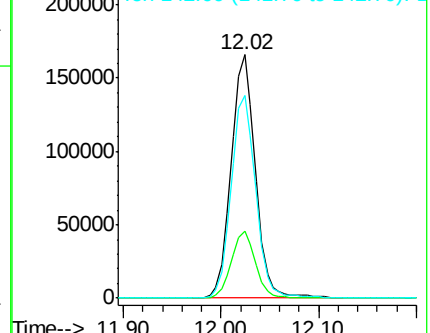
142 83.1 66.3 99.5

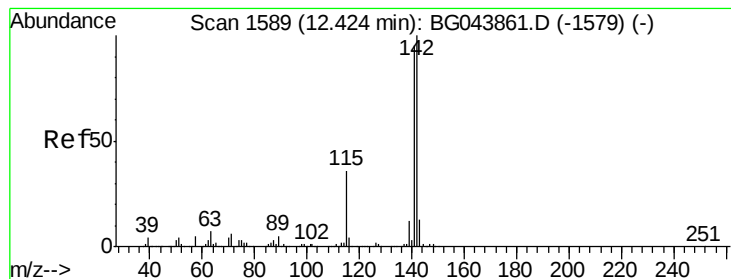


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.717 ng

RT: 12.39 min Scan# 1584

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

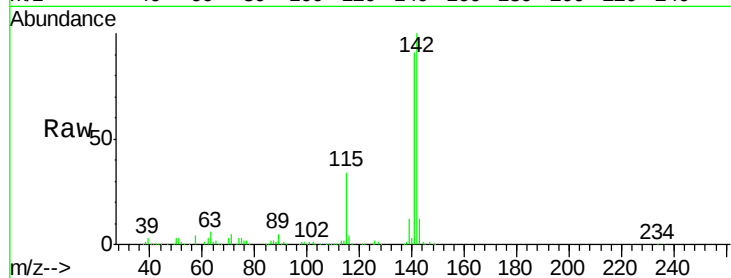
Tot Ion:142 Resp: 614918

Ion Ratio Lower Upper

142 100

141 91.4 75.8 113.8

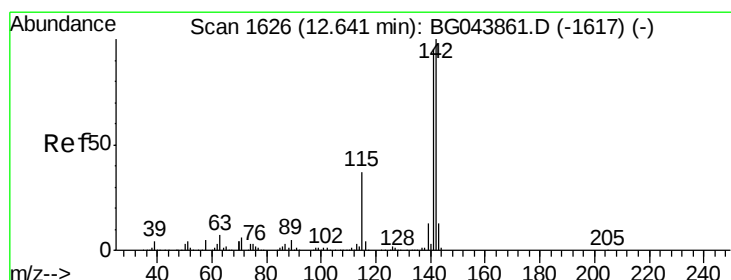
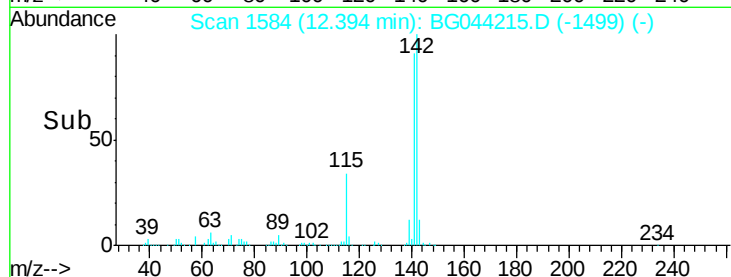
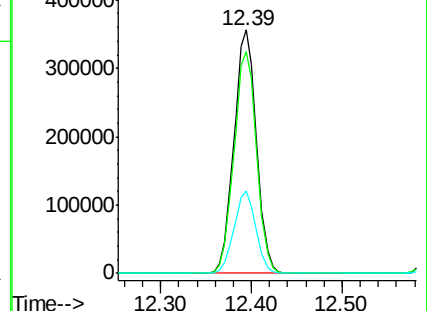
115 33.9 28.6 42.8



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: 43.478 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

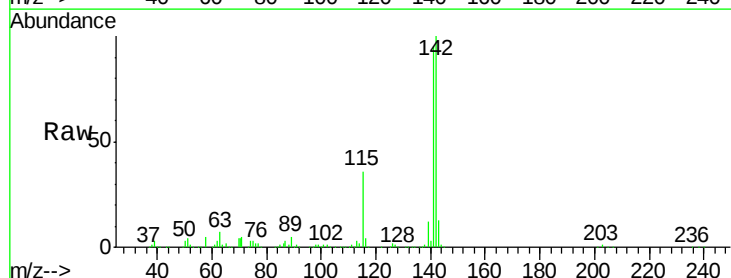
Tgt Ion:142 Resp: 579611

Ion Ratio Lower Upper

142 100

141 95.5 76.0 114.0

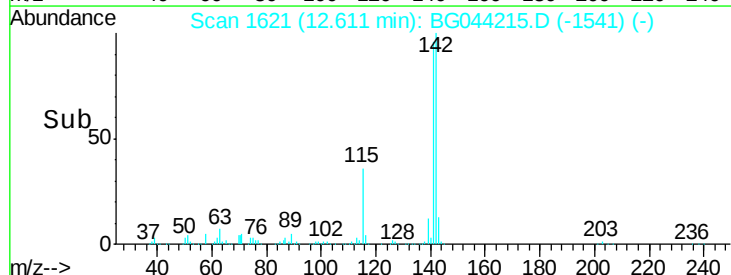
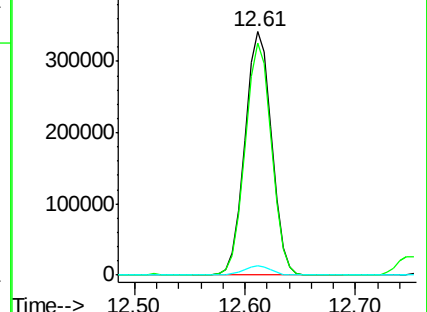
116 3.8 3.1 4.7



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: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

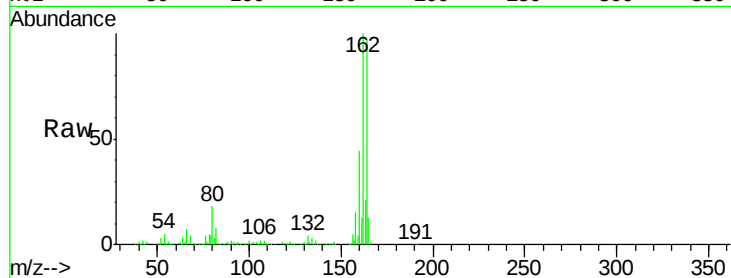
Tot Ion:164 Resp: 257426

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.4

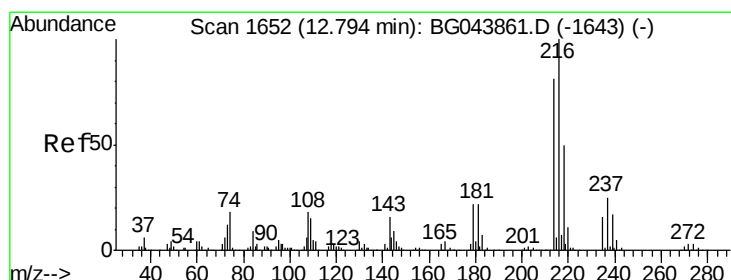
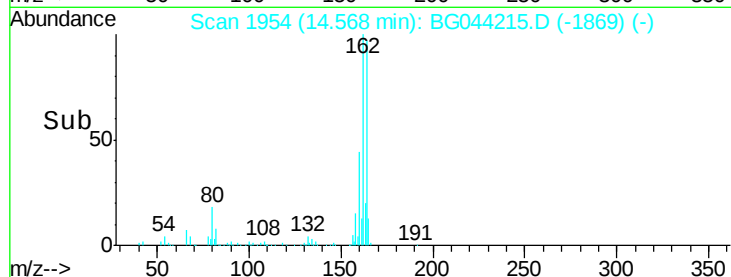
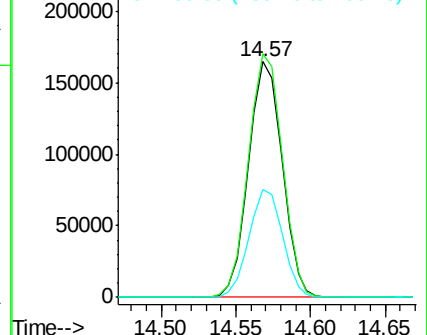
160 45.6 36.1 54.1



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: 39.547 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion:216 Resp: 298392

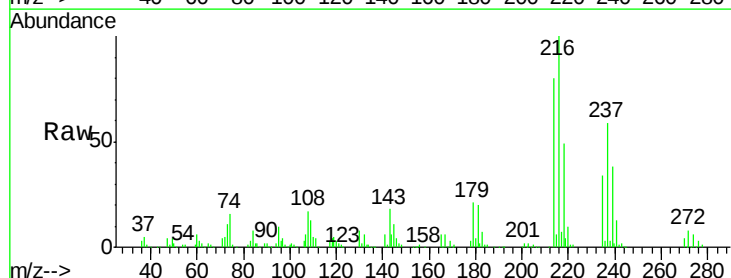
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 21.0 17.3 25.9

108 19.3 15.3 22.9

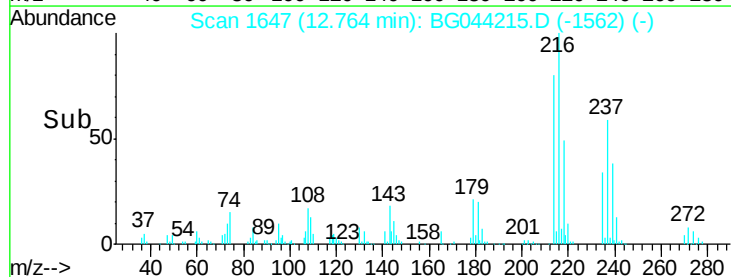
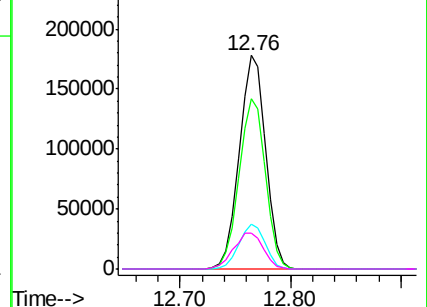


Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.478 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

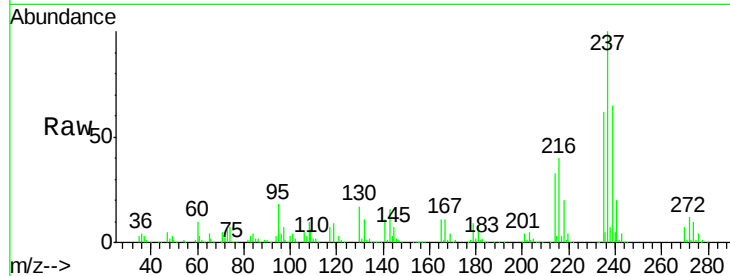
Tot Ion:237 Resp: 365657

Ion Ratio Lower Upper

237 100

235 62.0 41.1 81.1

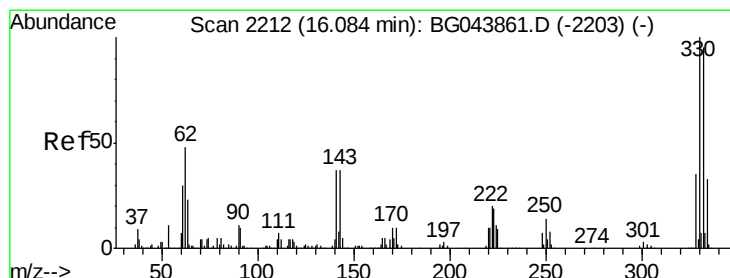
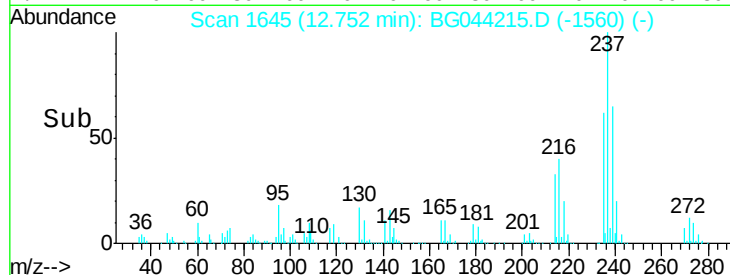
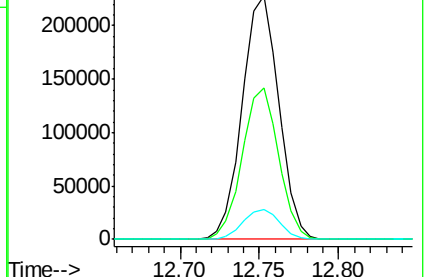
272 12.4 0.0 31.7



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: 119.282 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

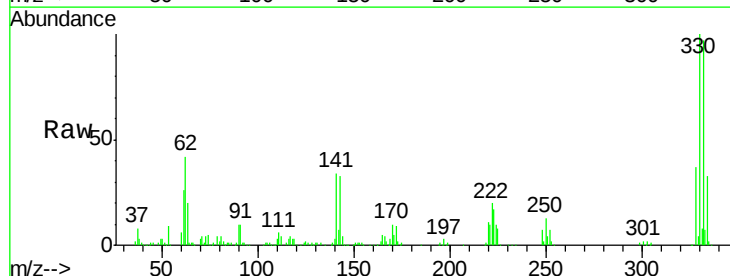
Tgt Ion:330 Resp: 321336

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

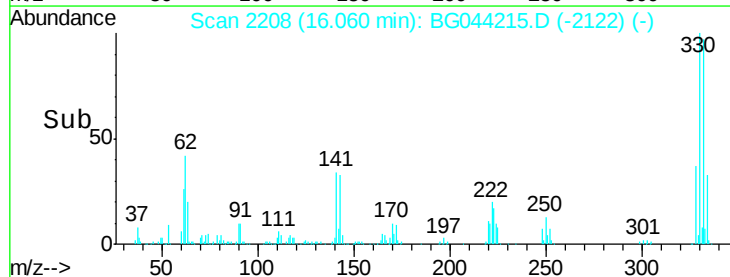
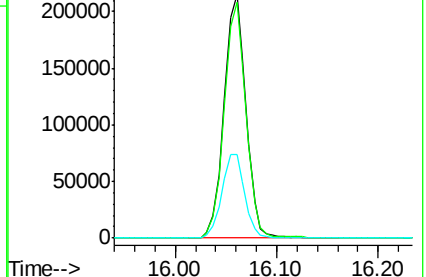
141 36.1 33.1 49.7



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

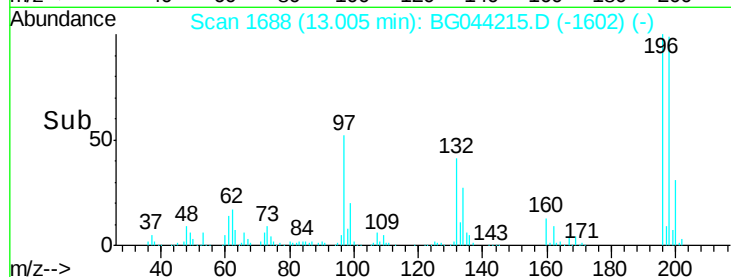
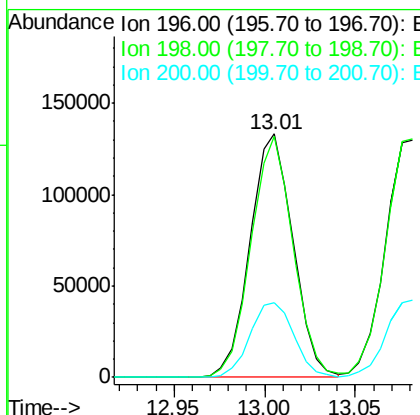
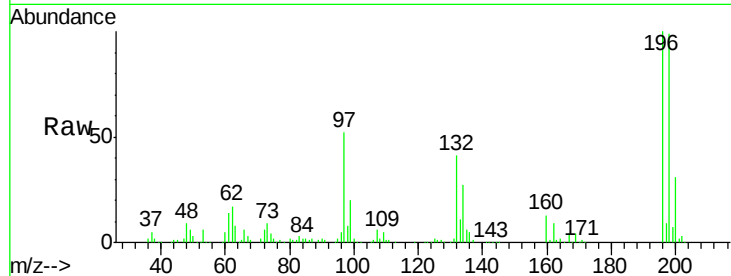




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.238 ng  
 RT: 13.01 min Scan# 1688  
 Delta R.T. -0.02 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

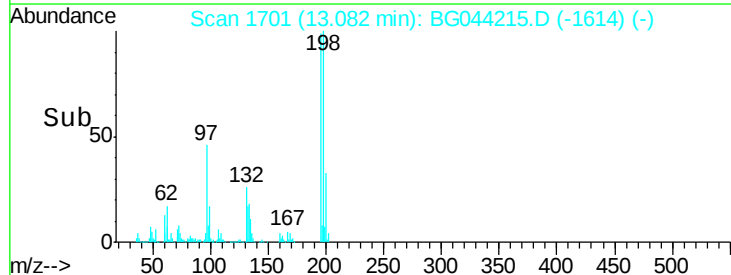
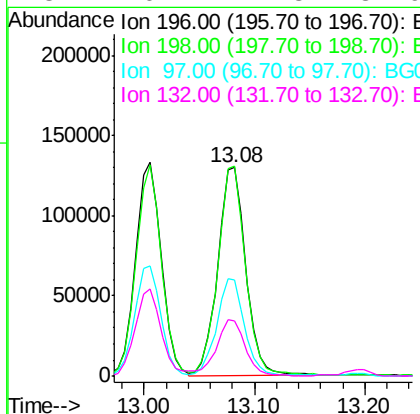
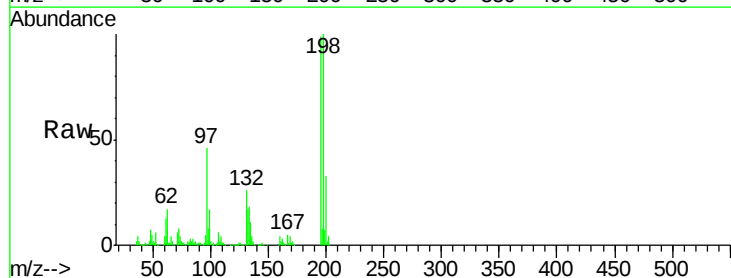
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126367BS

Tot Ion:196 Resp: 219284  
 Ion Ratio Lower Upper  
 196 100  
 198 99.0 76.6 115.0  
 200 30.7 24.6 37.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.768 ng  
 RT: 13.08 min Scan# 1701  
 Delta R.T. -0.02 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

Tgt Ion:196 Resp: 229006  
 Ion Ratio Lower Upper  
 196 100  
 198 100.5 78.3 117.5  
 97 45.9 38.8 58.2  
 132 26.2 21.3 31.9



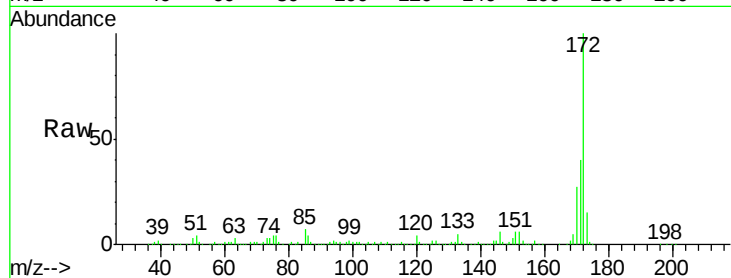


#45  
 2-Fluorobiphenyl  
 Concen: 84.512 ng  
 RT: 13.19 min Scan# 1720  
 Delta R.T. -0.03 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

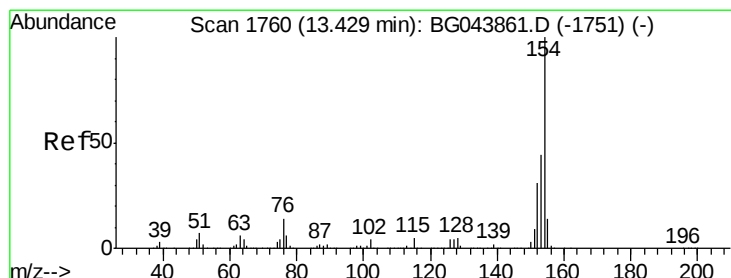
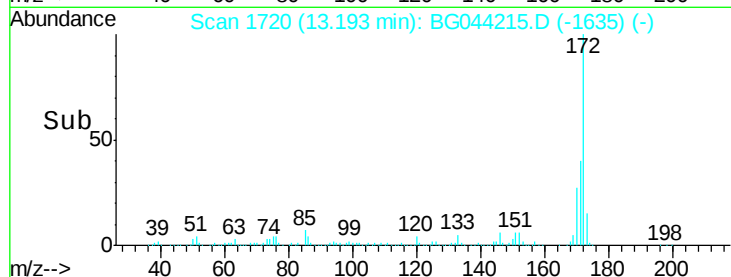
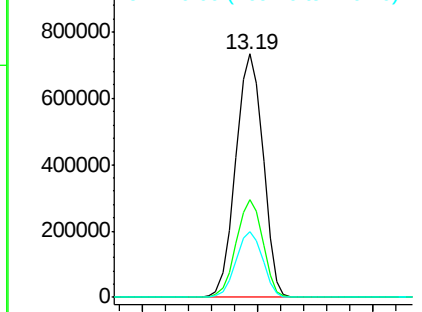
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126367BS

Tot Ion:172 Resp: 1200799  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 40.1  | 35.8  | 53.8  |
| 170 | 27.0  | 24.2  | 36.4  |



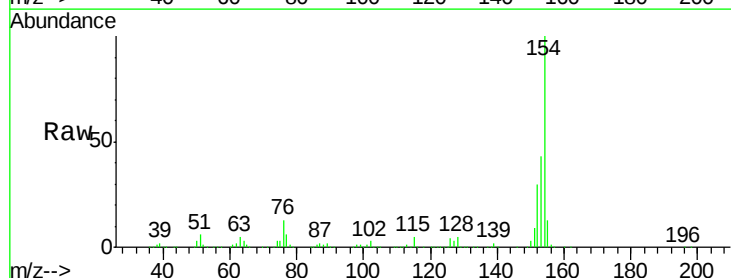
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



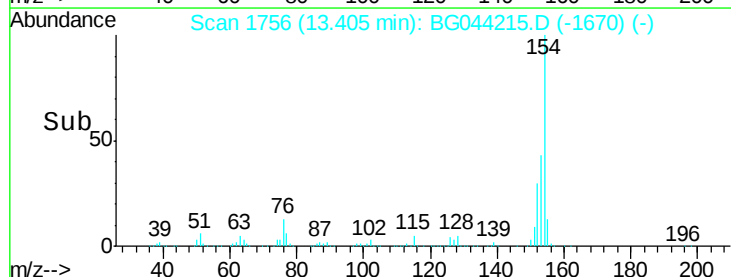
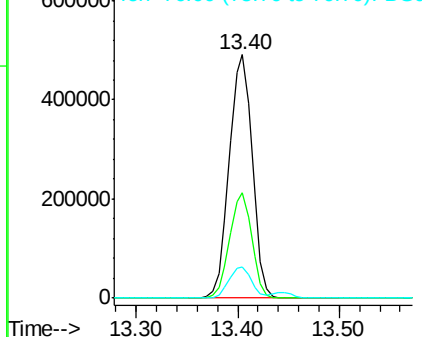
#46  
 1,1'-Biphenyl  
 Concen: 41.907 ng  
 RT: 13.40 min Scan# 1756  
 Delta R.T. -0.02 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

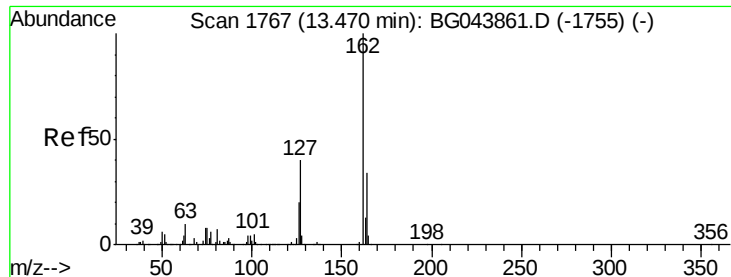
Tgt Ion:154 Resp: 773487  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 43.1  | 23.6  | 63.6  |
| 76  | 12.8  | 0.0   | 34.4  |



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BG

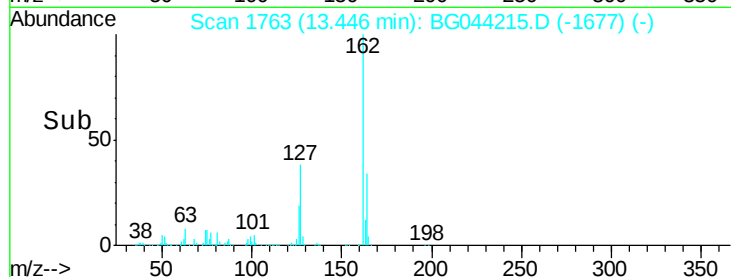
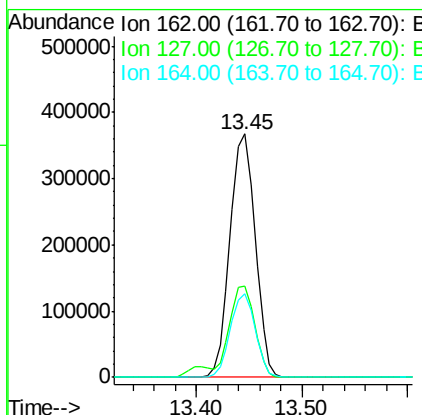
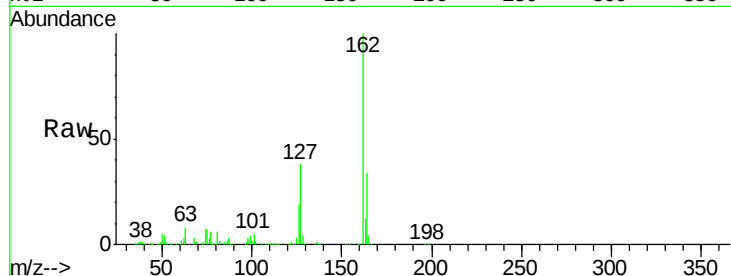




#47  
2-Chloronaphthalene  
Concen: 40.746 ng  
RT: 13.45 min Scan# 1763  
Delta R.T. -0.02 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

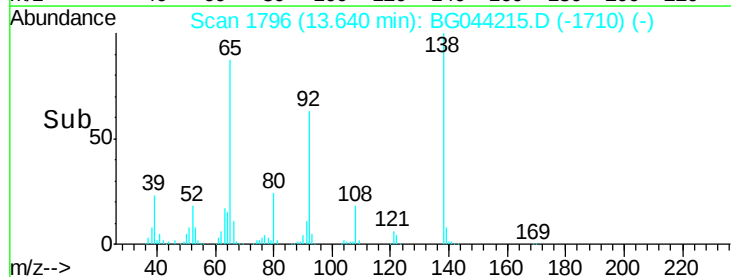
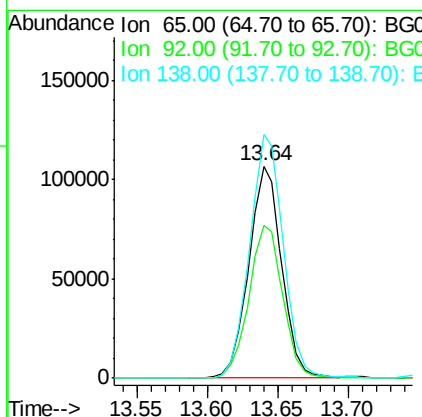
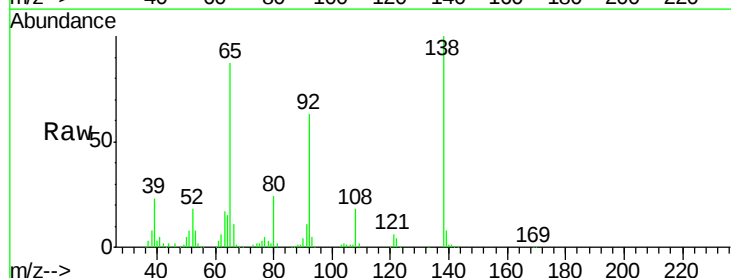
Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

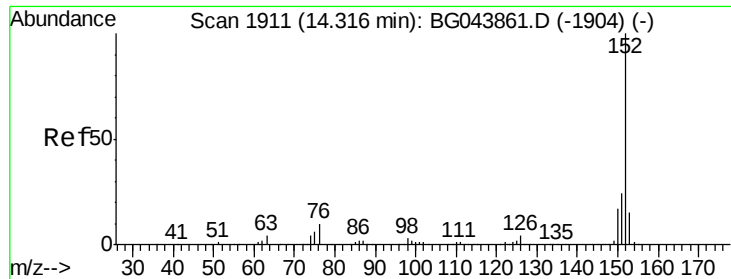
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.7  | 32.1  | 48.1  |
| 164     | 34.3  | 27.5  | 41.3  |



#48  
2-Nitroaniline  
Concen: 36.252 ng  
RT: 13.64 min Scan# 1796  
Delta R.T. -0.02 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.1  | 57.4  | 86.2  |
| 138     | 114.7 | 88.2  | 132.4 |





#49

Acenaphthylene

Concen: 44.397 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

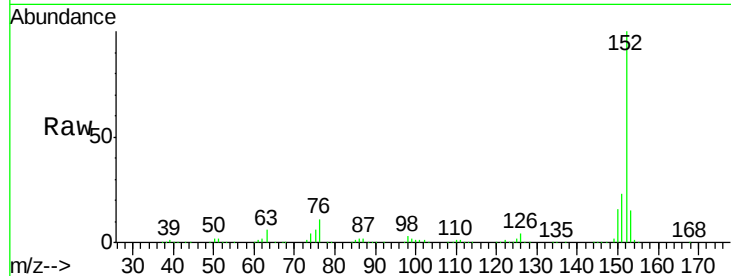
Tot Ion:152 Resp: 951712

Ion Ratio Lower Upper

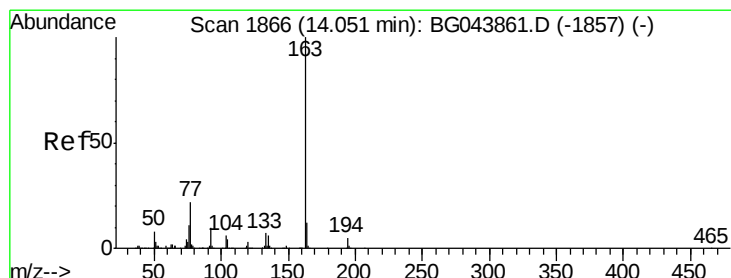
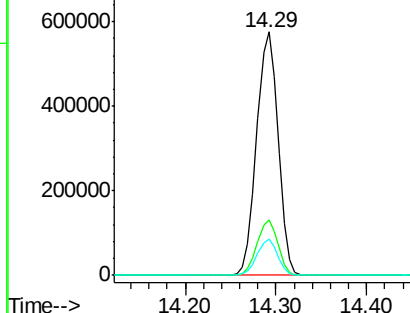
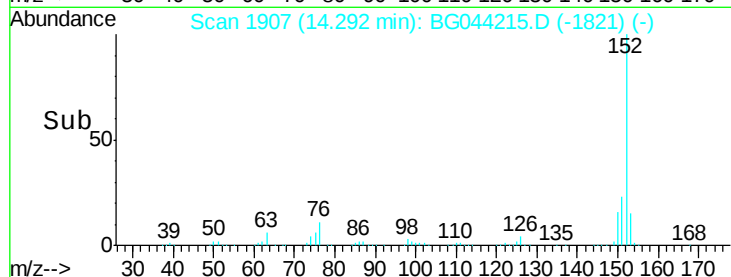
152 100

151 22.9 19.4 29.2

153 14.7 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.234 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

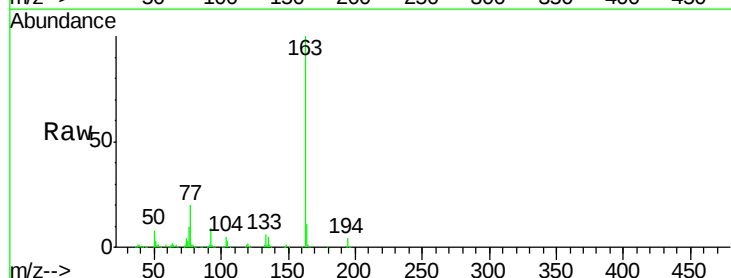
Tgt Ion:163 Resp: 753691

Ion Ratio Lower Upper

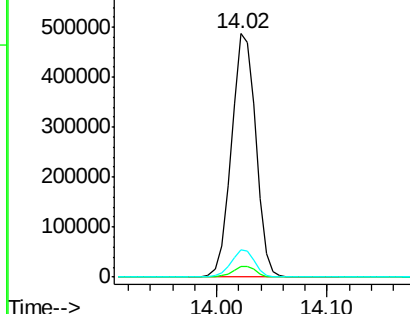
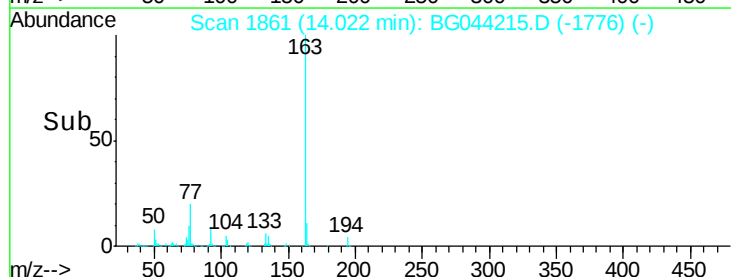
163 100

194 4.3 3.7 5.5

164 11.1 9.3 13.9



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: 40.953 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

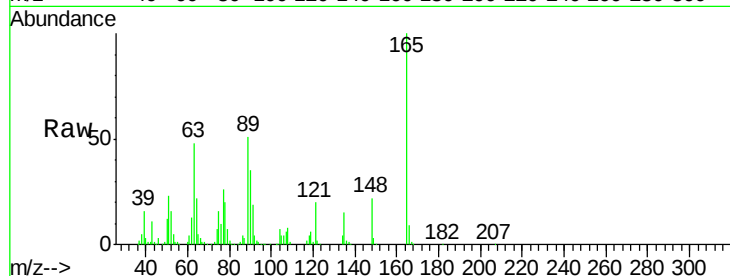
Tot Ion:165 Resp: 169190

Ion Ratio Lower Upper

165 100

63 48.0 43.1 64.7

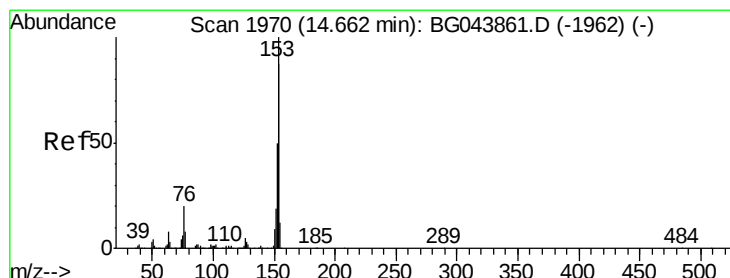
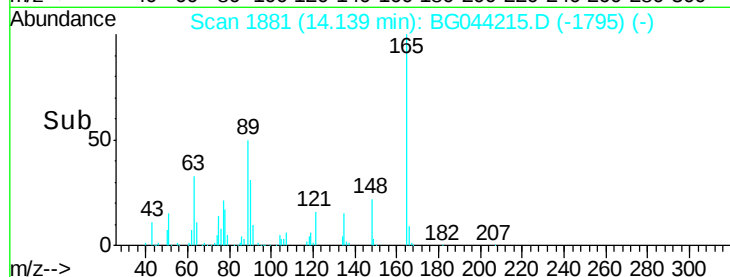
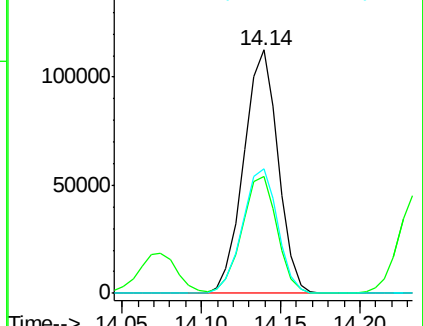
89 50.9 43.8 65.6



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



#52

Acenaphthene

Concen: 39.519 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

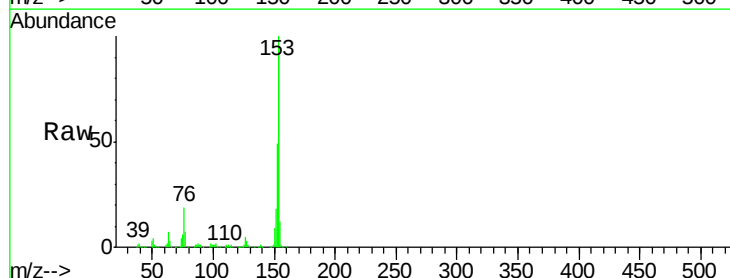
Tgt Ion:154 Resp: 594099

Ion Ratio Lower Upper

154 100

153 110.4 91.6 137.4

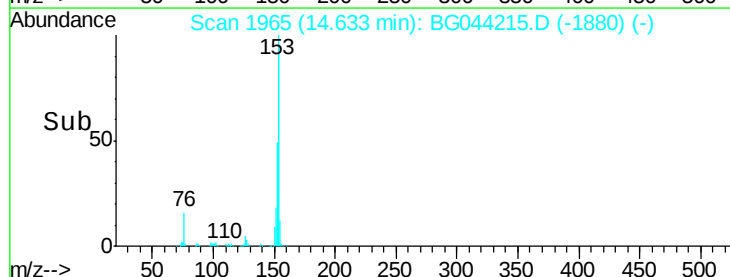
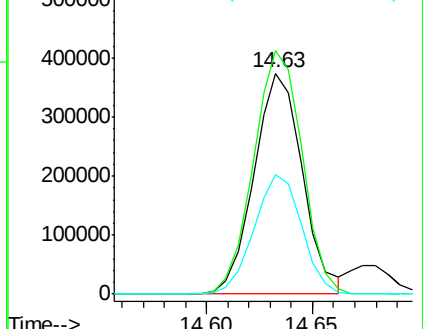
152 54.3 45.4 68.0



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

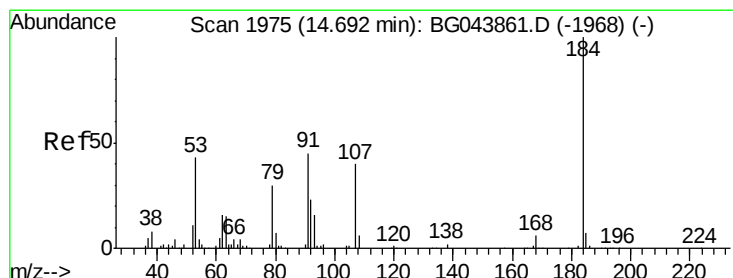
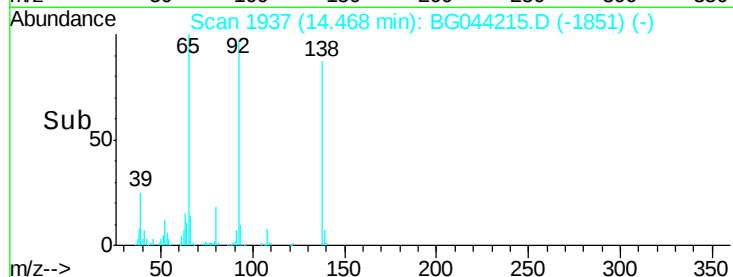
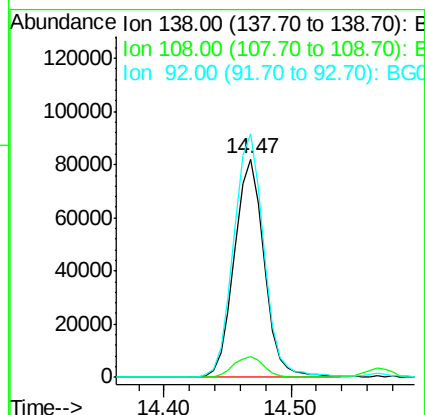
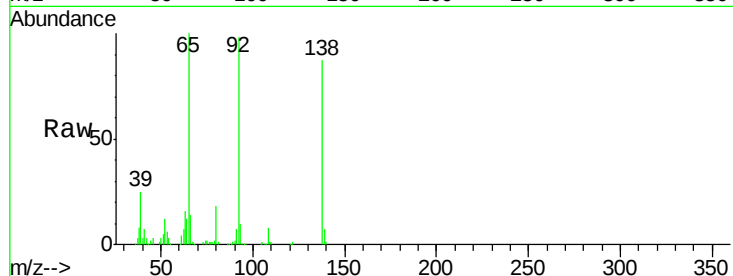




#53  
3-Nitroaniline  
Concen: 28.500 ng  
RT: 14.47 min Scan# 1937  
Delta R.T. -0.02 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

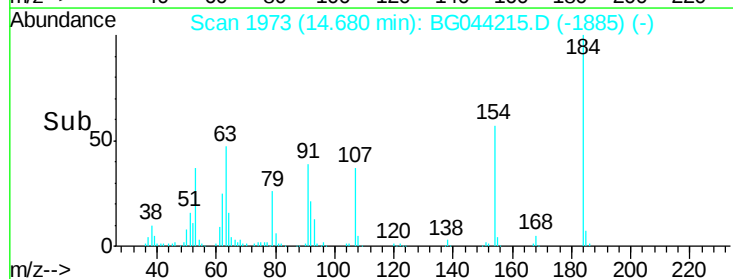
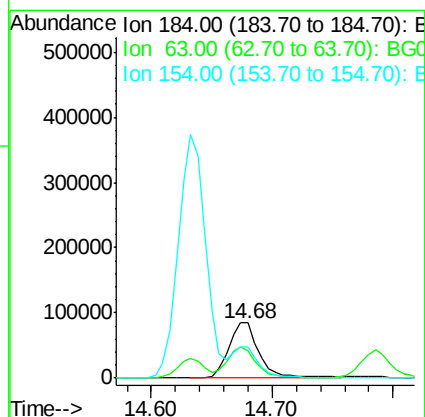
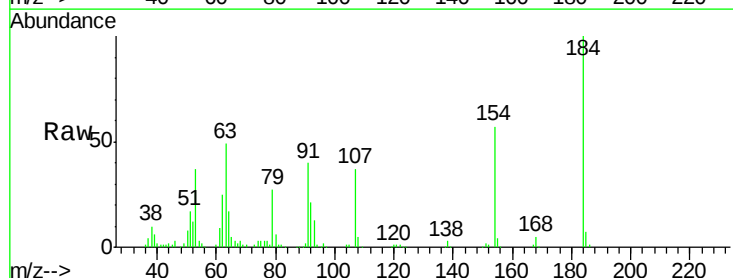
Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

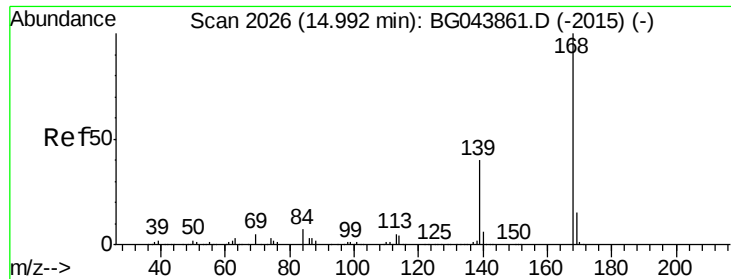
Tot Ion:138 Resp: 133707  
Ion Ratio Lower Upper  
138 100  
108 9.5 7.4 11.2  
92 111.5 92.1 138.1



#54  
2,4-Dinitrophenol  
Concen: 71.560 ng  
RT: 14.68 min Scan# 1973  
Delta R.T. -0.01 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

Tgt Ion:184 Resp: 149306  
Ion Ratio Lower Upper  
184 100  
63 49.1 46.6 70.0  
154 57.3 50.2 75.4

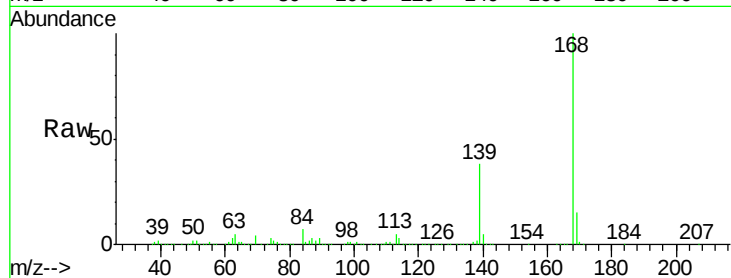




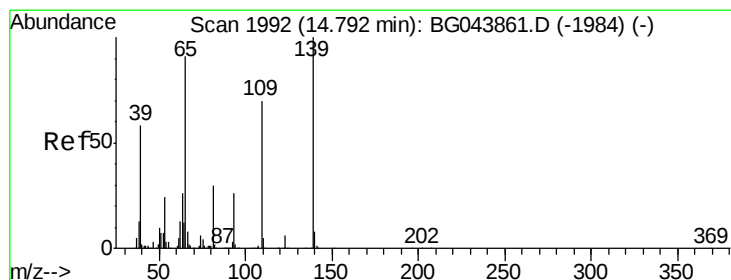
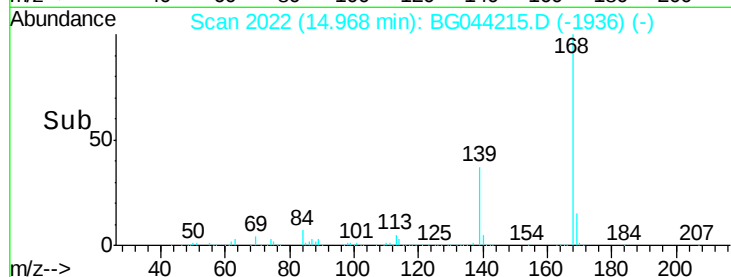
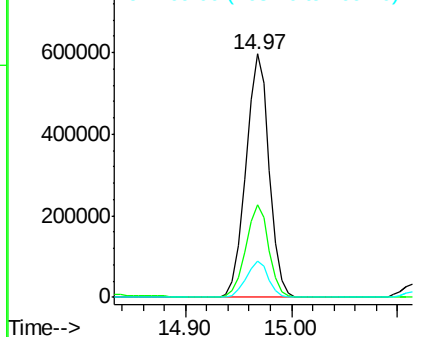
#55  
Dibenzofuran  
Concen: 43.851 ng  
RT: 14.97 min Scan# 2022  
Delta R.T. -0.02 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.8  | 32.2  | 48.2  |
| 169     | 15.0  | 12.2  | 18.2  |

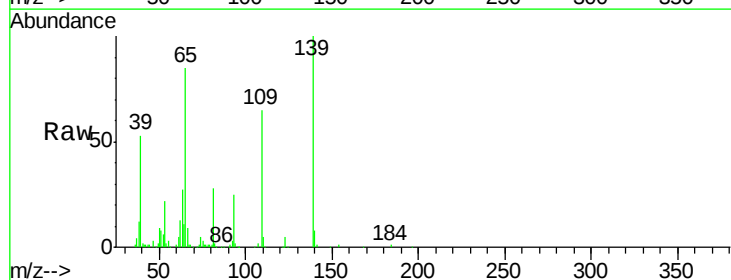


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

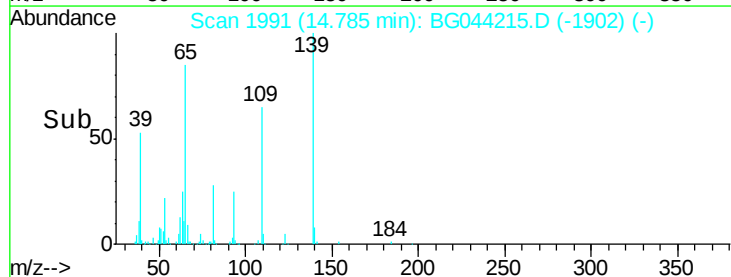
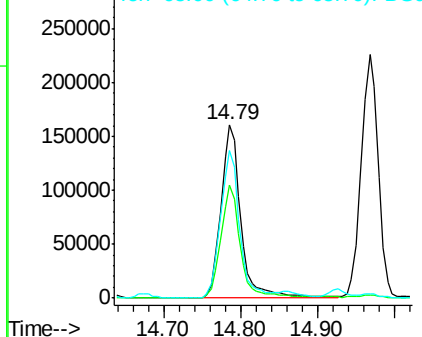


#56  
4-Nitrophenol  
Concen: 80.931 ng  
RT: 14.79 min Scan# 1991  
Delta R.T. -0.01 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 65.1  | 50.4  | 90.4  |
| 65      | 84.8  | 71.4  | 111.4 |



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

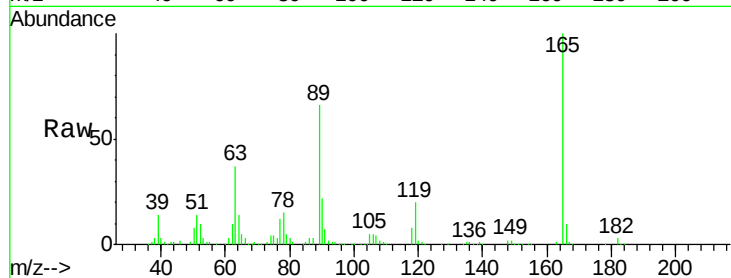




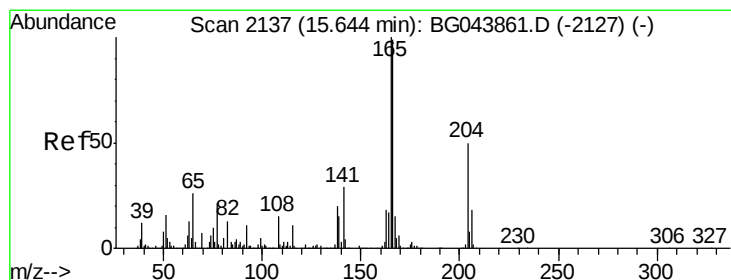
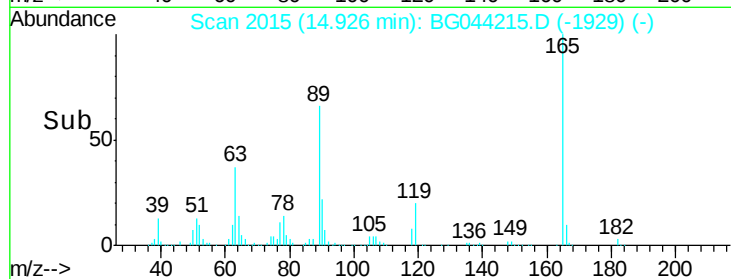
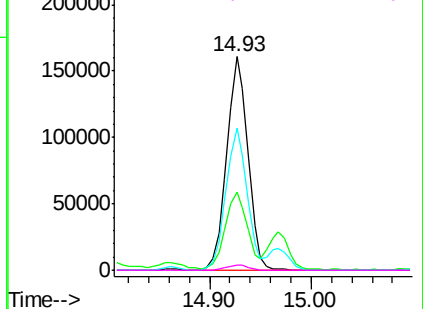
#57  
2,4-Dinitrotoluene  
Concen: 41.553 ng  
RT: 14.93 min Scan# 2015  
Delta R.T. -0.02 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

Tot Ion:165 Resp: 233588  
Ion Ratio Lower Upper  
165 100  
63 36.7 31.9 47.9  
89 66.3 53.8 80.6  
182 2.6 2.0 3.0

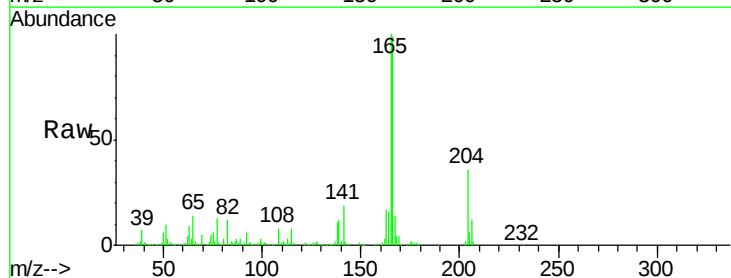


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

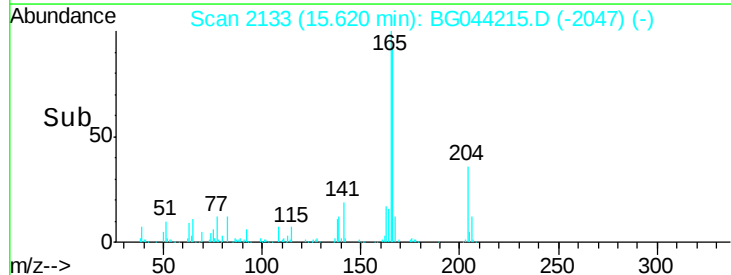
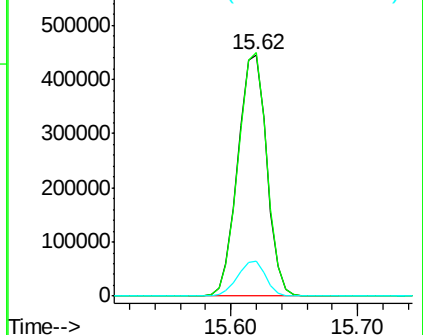


#58  
Fluorene  
Concen: 42.832 ng  
RT: 15.62 min Scan# 2133  
Delta R.T. -0.02 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

Tgt Ion:166 Resp: 702556  
Ion Ratio Lower Upper  
166 100  
165 100.8 80.8 121.2  
167 14.6 12.1 18.1



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

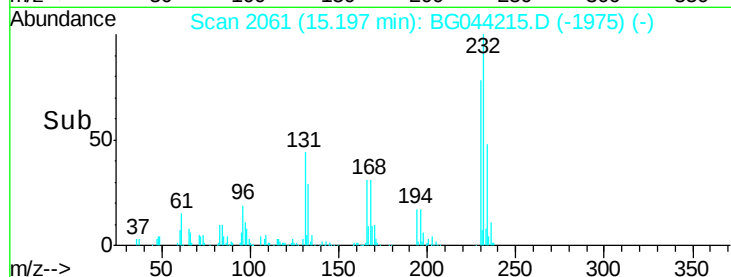
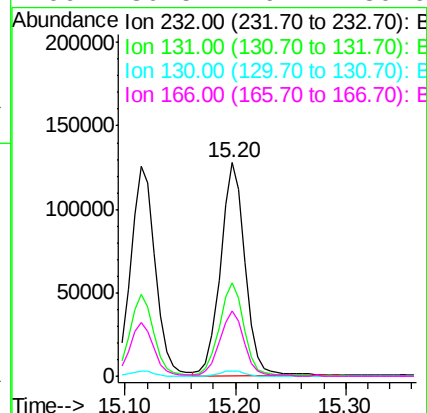
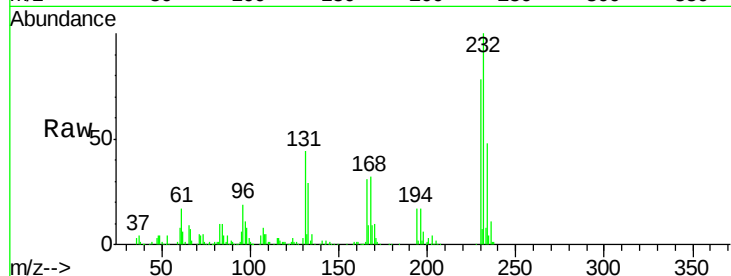




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.587 ng  
 RT: 15.20 min Scan# 2061  
 Delta R.T. -0.02 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

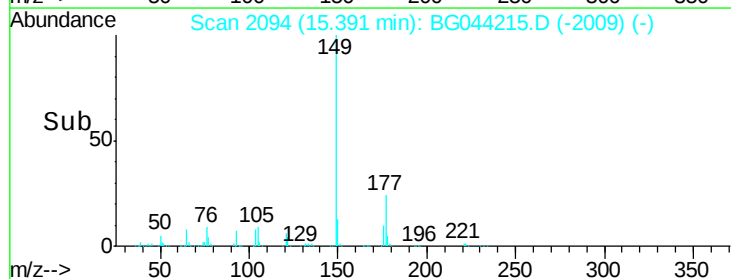
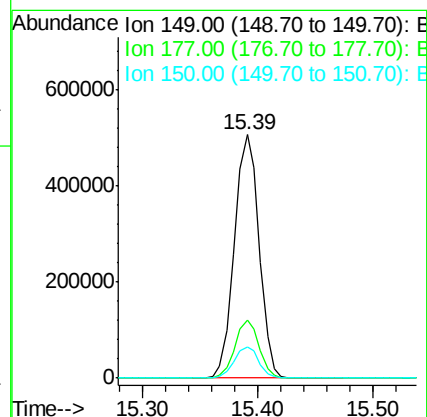
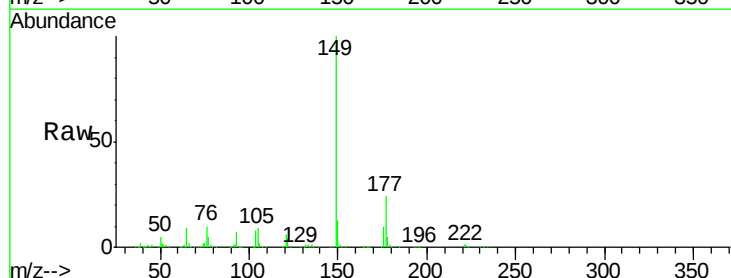
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126367BS

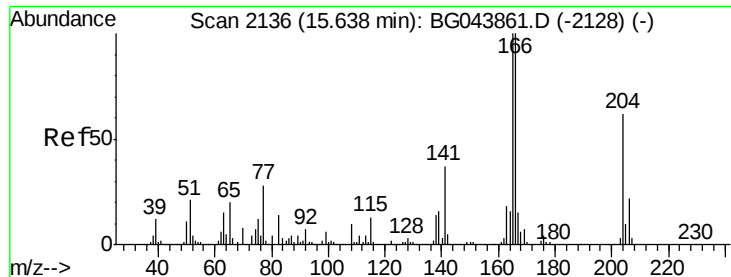
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.1  | 38.2  | 57.2  |
| 130     | 2.6   | 2.2   | 3.2   |
| 166     | 30.5  | 26.4  | 39.6  |



#60  
 Diethylphthalate  
 Concen: 40.915 ng  
 RT: 15.39 min Scan# 2094  
 Delta R.T. -0.03 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.0  | 20.0  | 30.0  |
| 150     | 13.0  | 11.1  | 16.7  |

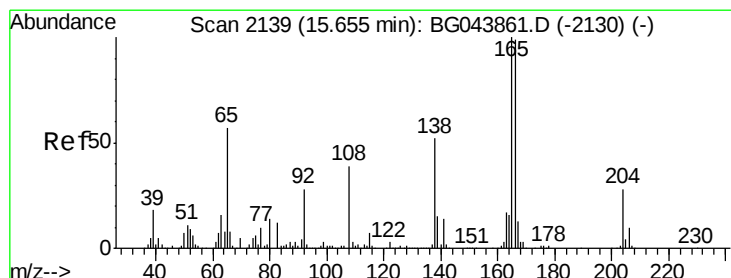
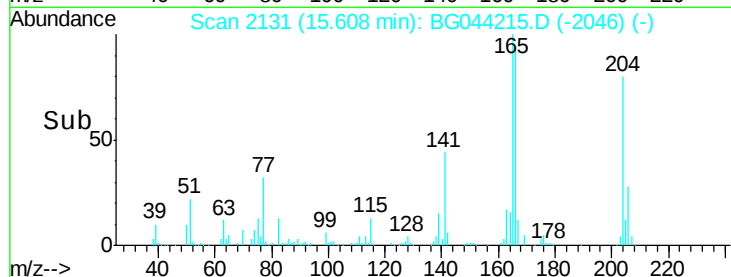
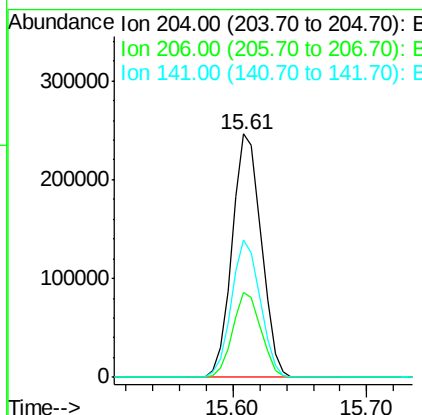
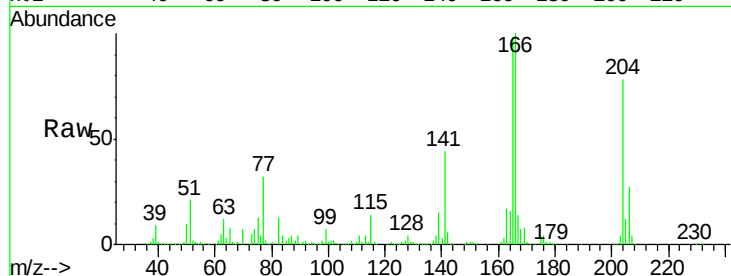




#61  
 4-Chlorophenyl-phenylether  
 Concen: 42.008 ng  
 RT: 15.61 min Scan# 2131  
 Delta R.T. -0.03 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

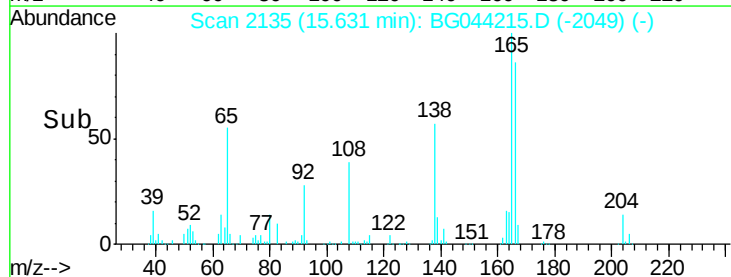
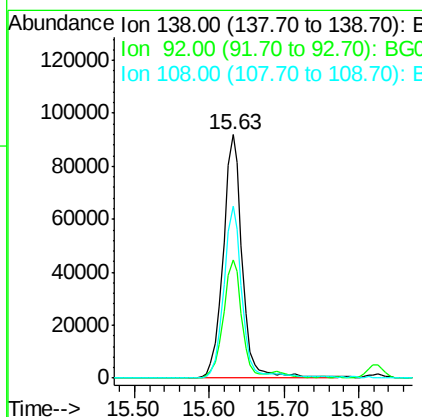
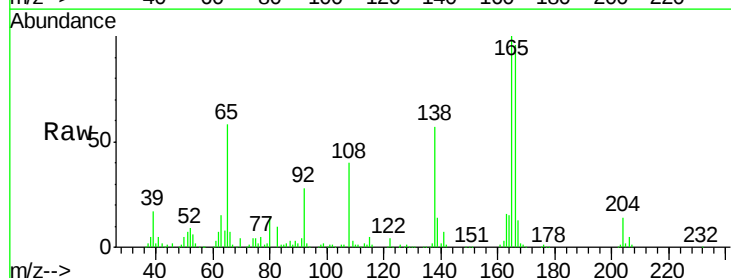
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126367BS

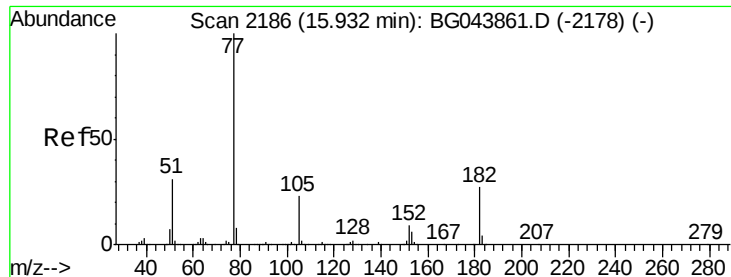
Tot Ion:204 Resp: 374152  
 Ion Ratio Lower Upper  
 204 100  
 206 34.8 28.2 42.2  
 141 56.4 48.2 72.2



#62  
 4-Nitroaniline  
 Concen: 35.441 ng  
 RT: 15.63 min Scan# 2135  
 Delta R.T. -0.02 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

Tgt Ion:138 Resp: 164197  
 Ion Ratio Lower Upper  
 138 100  
 92 48.4 34.3 74.3  
 108 70.4 55.0 95.0





#63

Azobenzene

Concen: 40.106 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

Tot Ion: 77 Resp: 679975

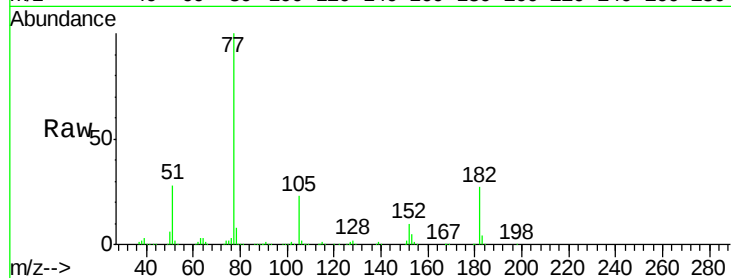
Ion Ratio Lower Upper

77 100

182 27.2 7.3 47.3

105 22.7 3.2 43.2

51 28.5 10.6 50.6

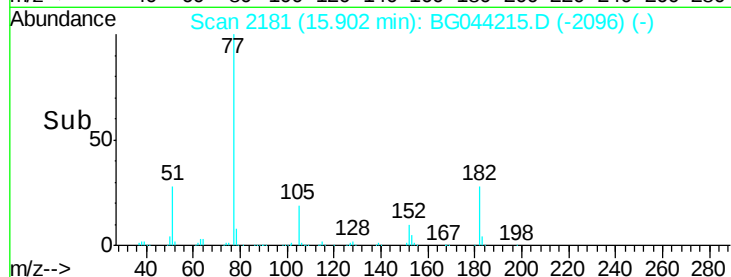


Abundance Ion 77.00 (76.70 to 77.70): BGC

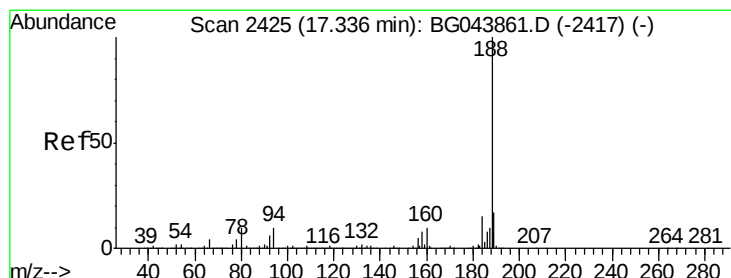
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

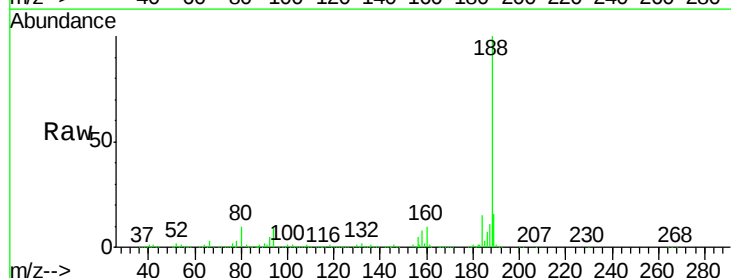
Tgt Ion: 188 Resp: 515108

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

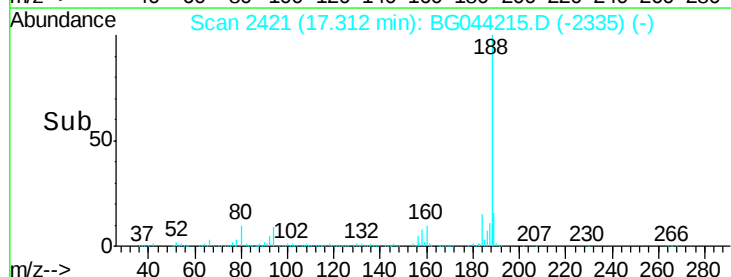
80 9.5 8.2 12.4



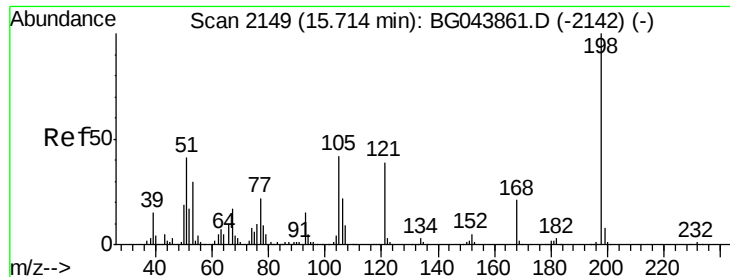
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



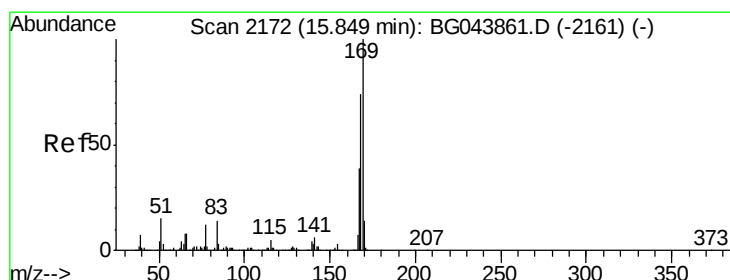
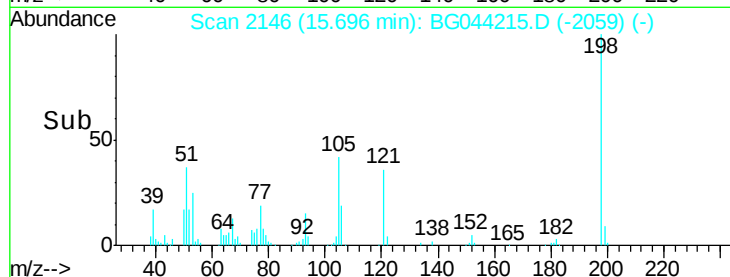
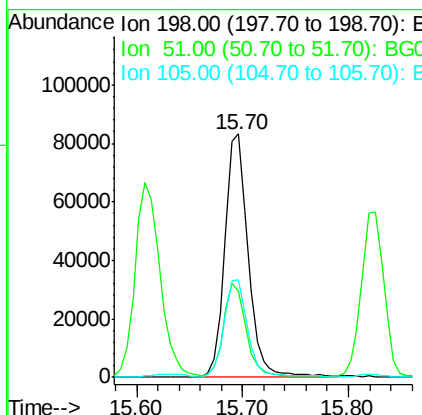
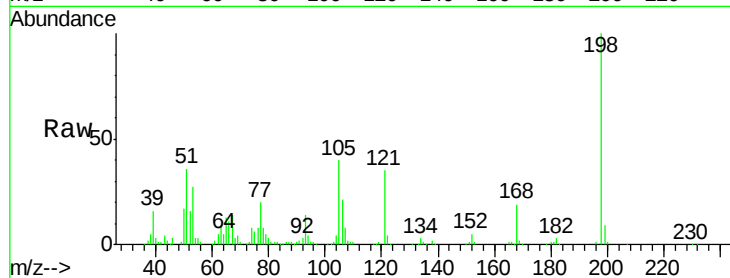
Time-->



#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 47.988 ng  
 RT: 15.70 min Scan# 2146  
 Delta R.T. -0.02 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

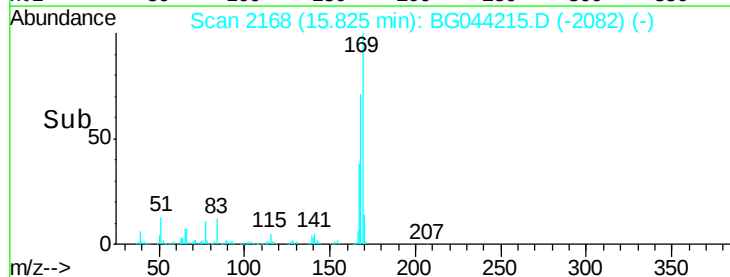
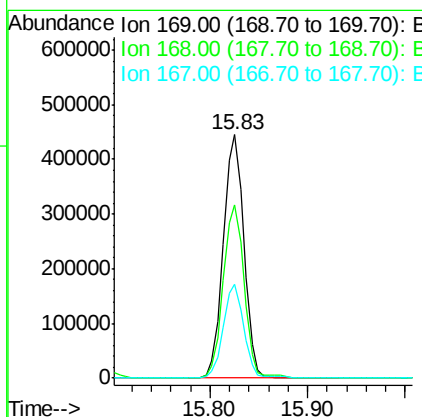
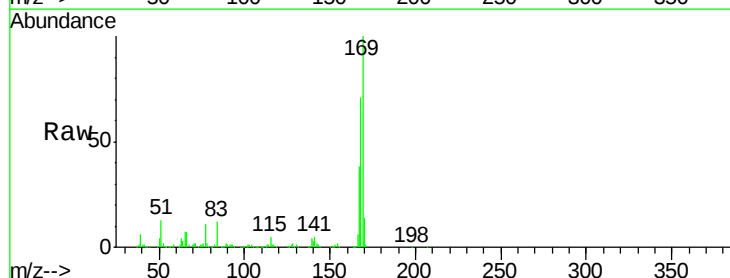
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126367BS

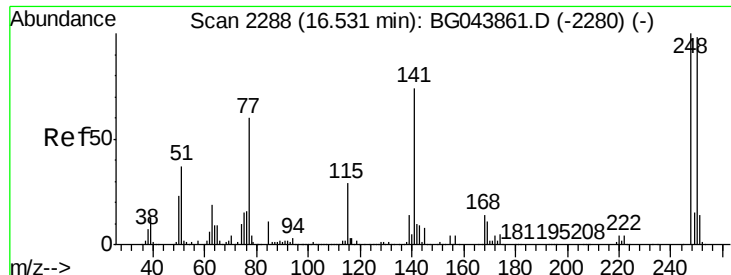
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 35.5  | 22.5  | 62.5  |
| 105     | 40.3  | 22.3  | 62.3  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 42.925 ng  
 RT: 15.83 min Scan# 2168  
 Delta R.T. -0.02 min  
 Lab File: BG044215.D  
 Acq: 27 Jan 2020 14:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.2  | 59.0  | 88.6  |
| 167     | 38.4  | 31.4  | 47.0  |

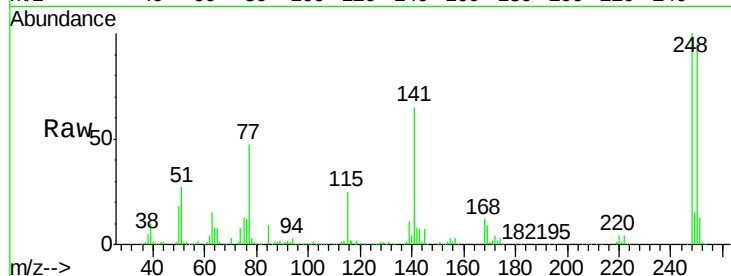




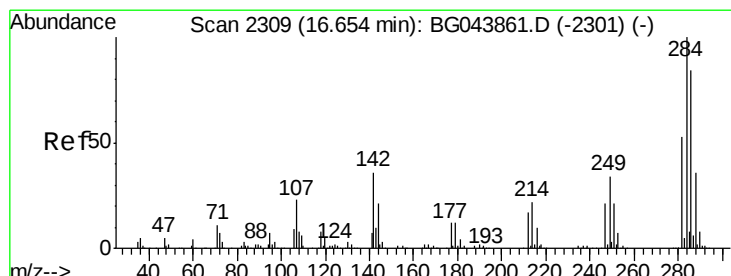
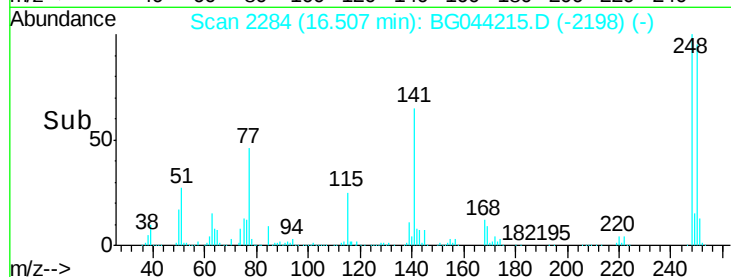
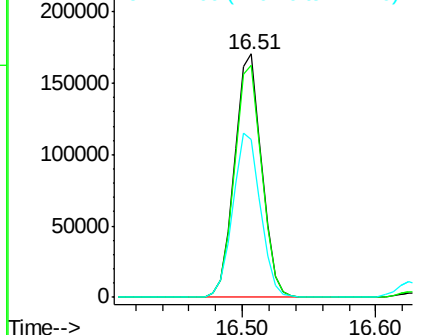
#67  
4-Bromophenyl-phenylether  
Concen: 41.594 ng  
RT: 16.51 min Scan# 2284  
Delta R.T. -0.02 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

Tot Ion:248 Resp: 240970  
Ion Ratio Lower Upper  
248 100  
250 95.5 78.2 117.2  
141 64.7 59.3 88.9

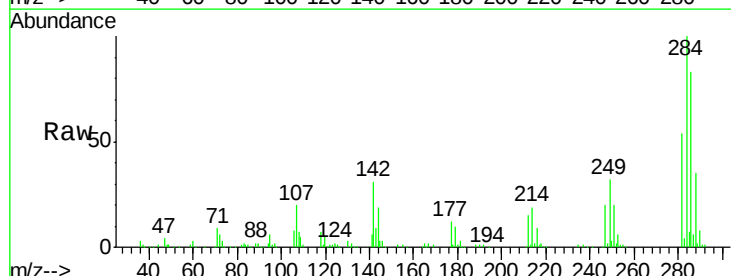


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

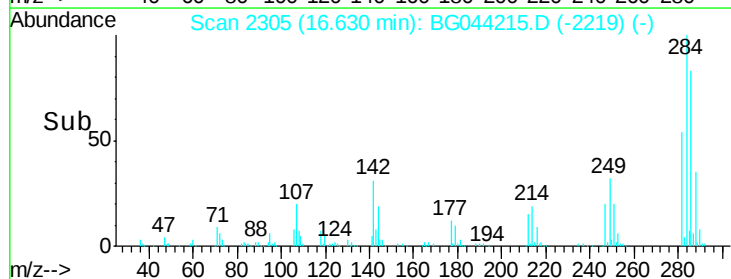
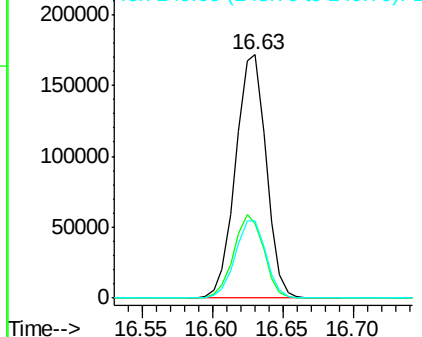


#68  
Hexachlorobenzene  
Concen: 41.558 ng  
RT: 16.63 min Scan# 2305  
Delta R.T. -0.02 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

Tgt Ion:284 Resp: 259427  
Ion Ratio Lower Upper  
284 100  
142 30.6 28.6 43.0  
249 31.6 27.0 40.6



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: 47.243 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

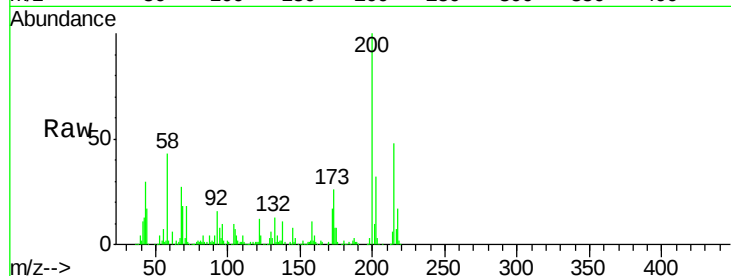
Tot Ion:200 Resp: 232946

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

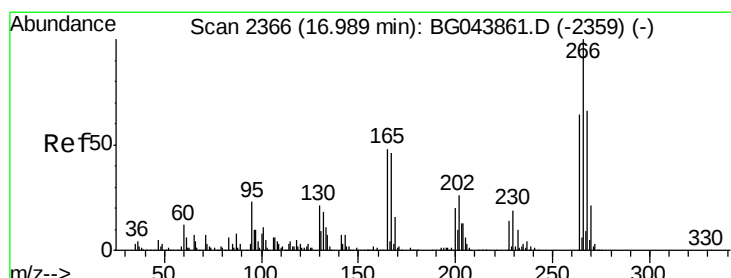
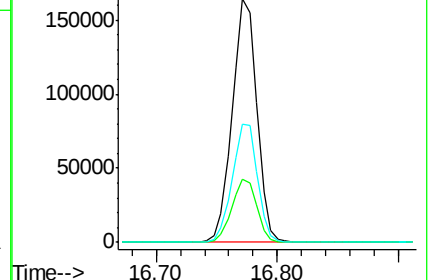
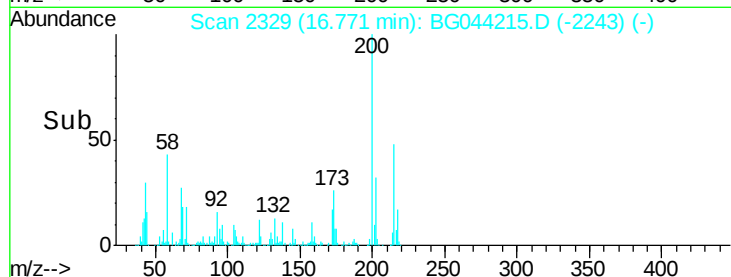
215 48.4 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.707 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

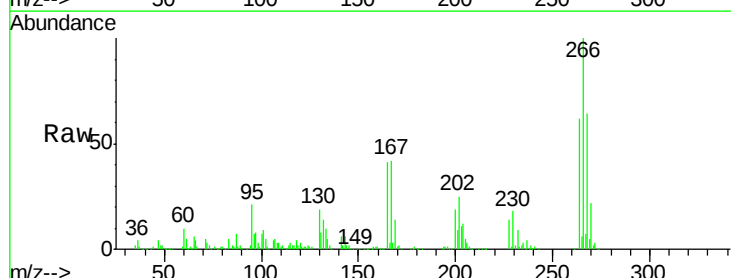
Tgt Ion:266 Resp: 260523

Ion Ratio Lower Upper

266 100

268 64.4 52.6 79.0

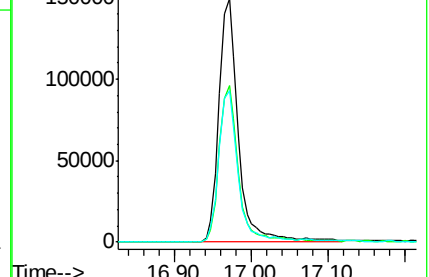
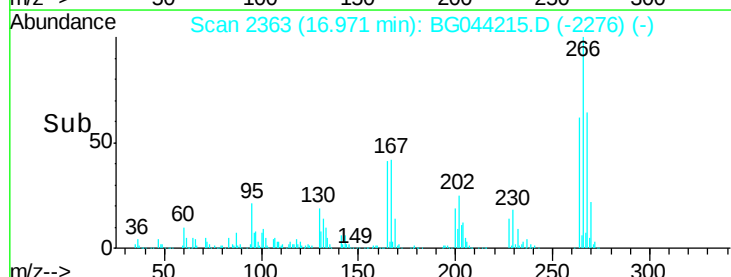
264 62.4 50.8 76.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.078 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

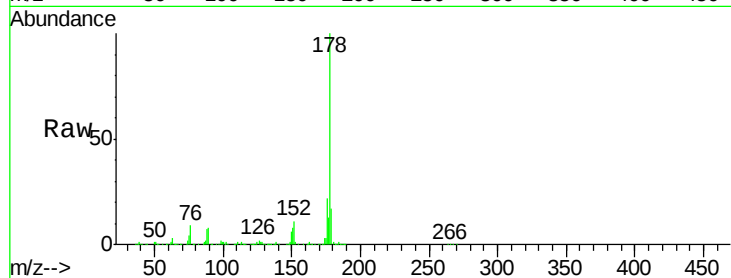
Tot Ion:178 Resp: 1064344

Ion Ratio Lower Upper

178 100

176 21.5 18.6 28.0

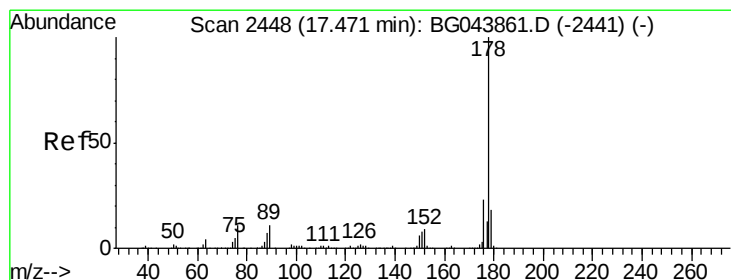
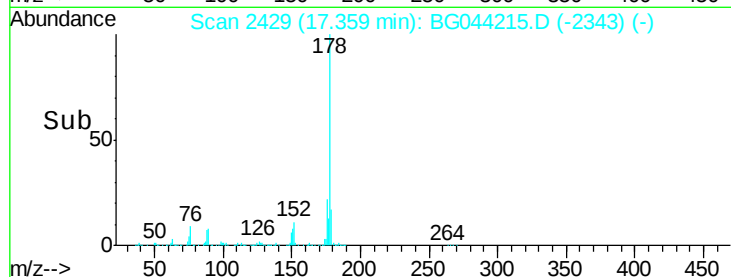
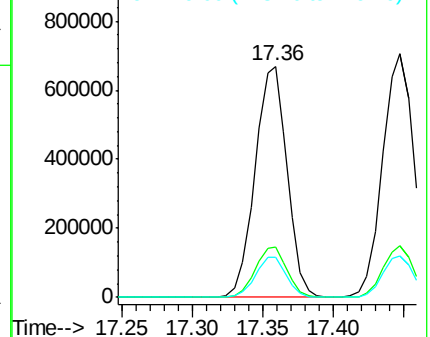
179 17.2 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.583 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

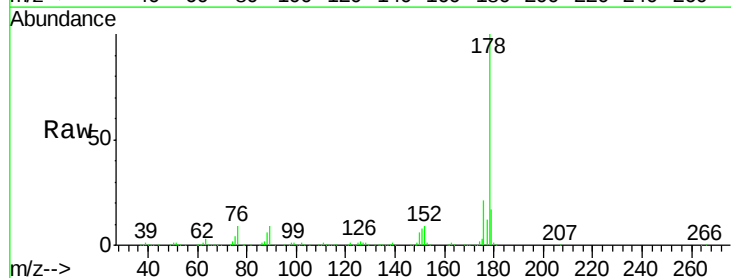
Tgt Ion:178 Resp: 1088624

Ion Ratio Lower Upper

178 100

176 21.3 18.3 27.5

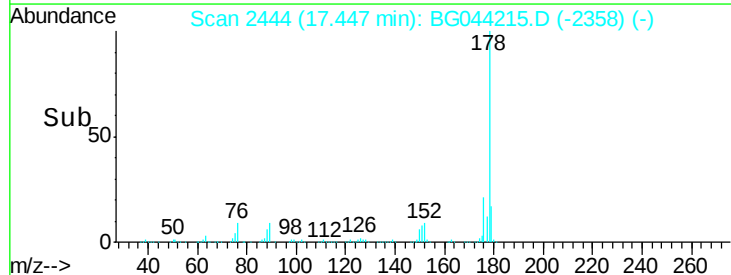
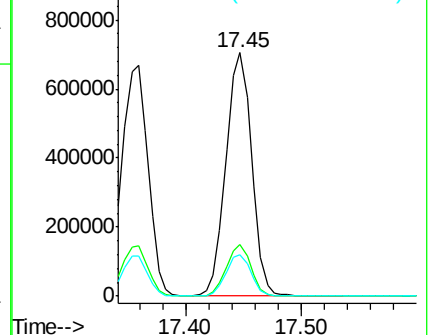
179 17.1 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.862 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

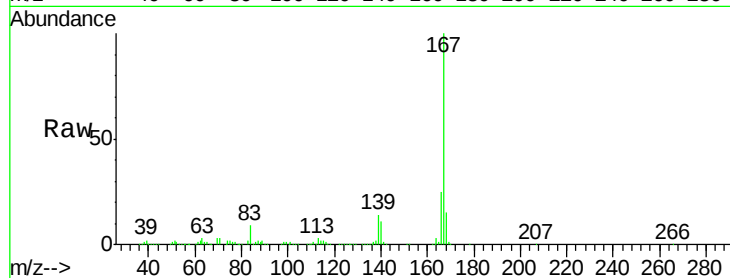
Tot Ion:167 Resp: 966757

Ion Ratio Lower Upper

167 100

166 24.6 21.6 32.4

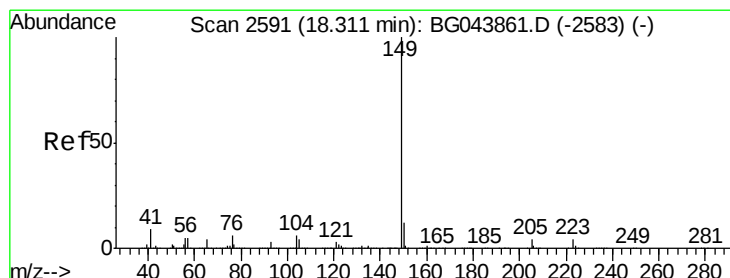
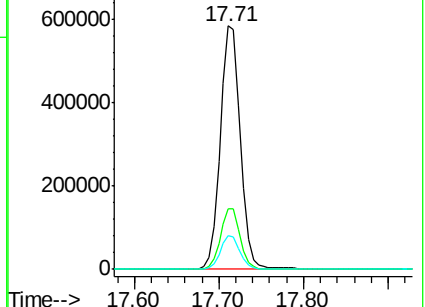
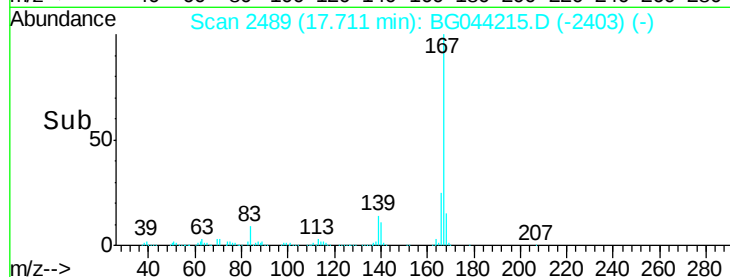
139 13.9 12.1 18.1



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: 41.319 ng

RT: 18.28 min Scan# 2586

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

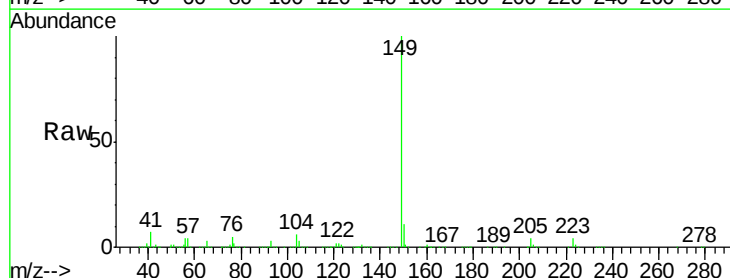
Tgt Ion:149 Resp: 1189886

Ion Ratio Lower Upper

149 100

150 11.0 9.7 14.5

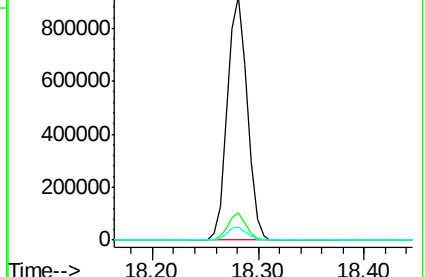
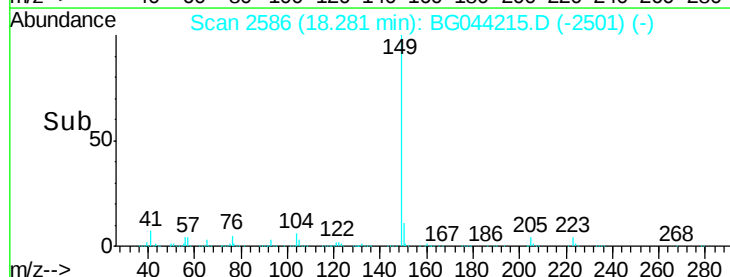
104 5.5 5.0 7.4

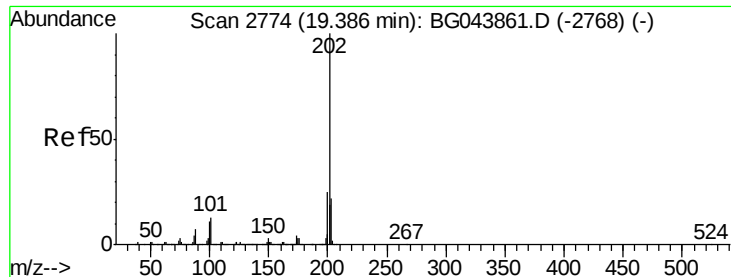


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.533 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

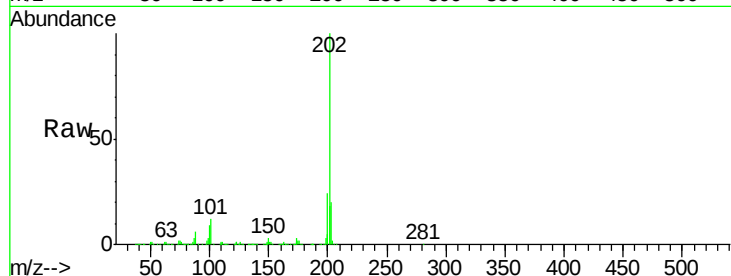
Tot Ion:202 Resp: 1230067

Ion Ratio Lower Upper

202 100

101 11.5 0.0 33.3

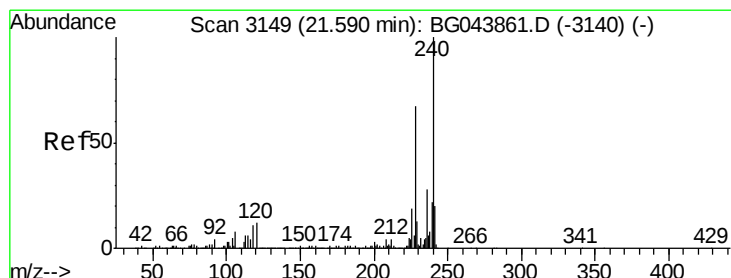
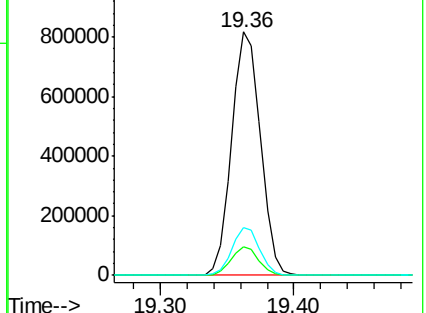
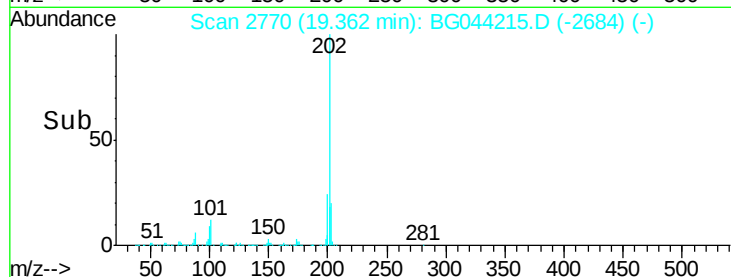
203 19.7 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

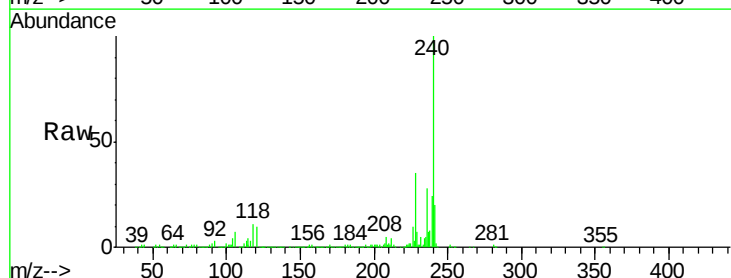
Tgt Ion:240 Resp: 445311

Ion Ratio Lower Upper

240 100

120 10.0 9.6 14.4

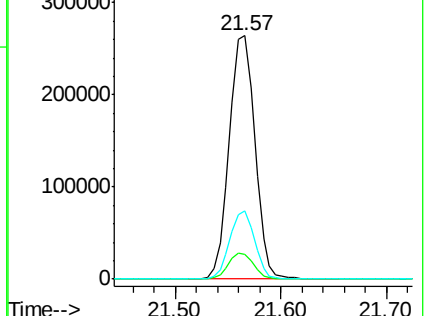
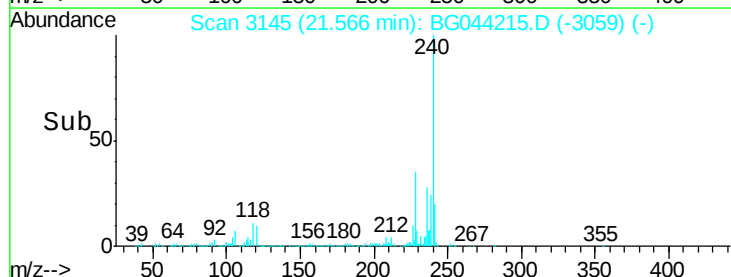
236 27.9 22.2 33.2



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: 33.262 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

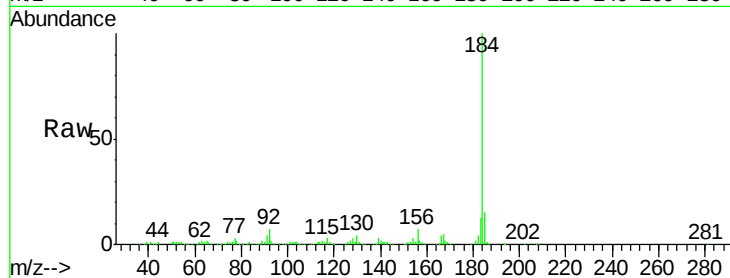
Tot Ion:184 Resp: 372306

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.0

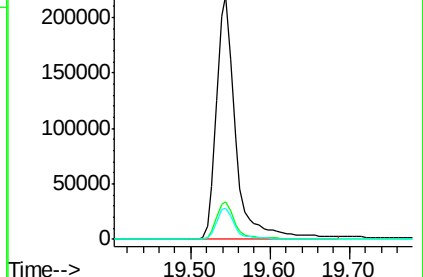
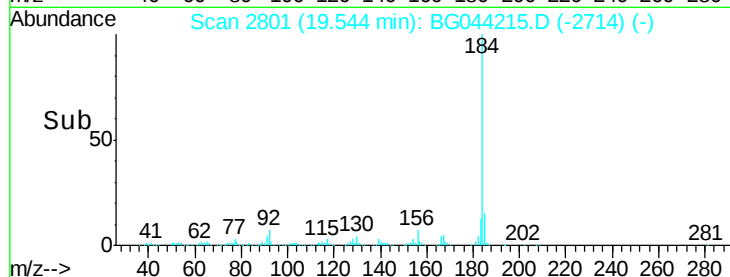
183 12.7 10.6 15.8



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: 42.572 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

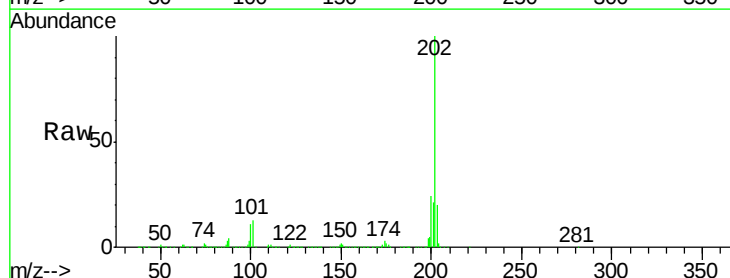
Tgt Ion:202 Resp: 1237458

Ion Ratio Lower Upper

202 100

200 24.3 21.7 32.5

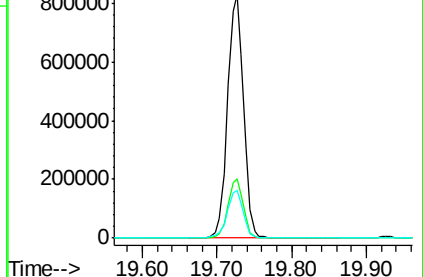
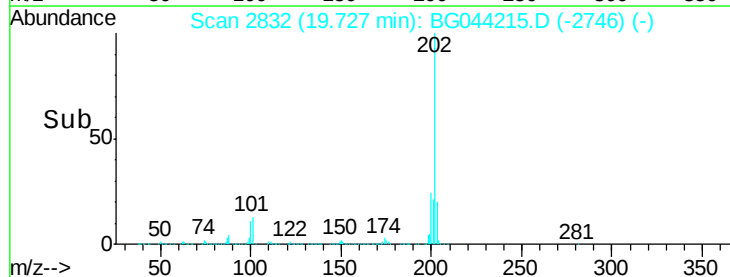
203 19.8 17.0 25.6



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: 91.178 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

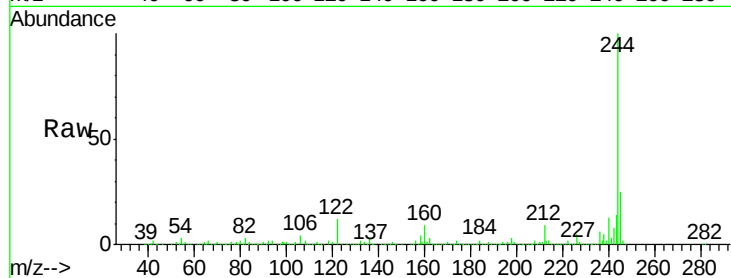
BNA\_G

ClientSampleId :

PB126367BS

Tot Ion:244 Resp: 1652454

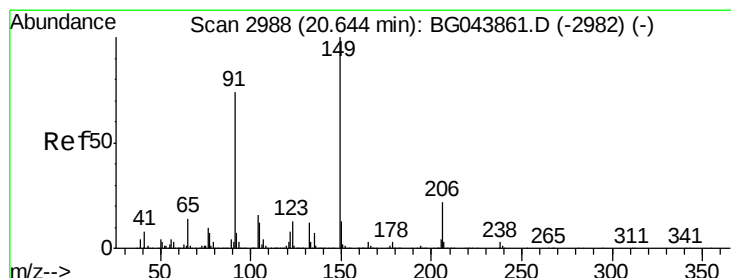
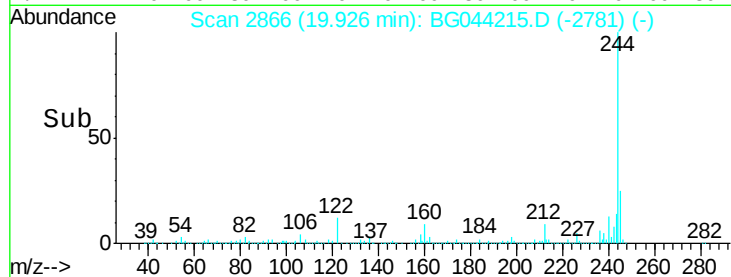
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.0   | 8.6   | 13.0  |
| 122 | 12.2  | 11.9  | 17.9  |



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.924 ng

RT: 20.62 min Scan# 2984

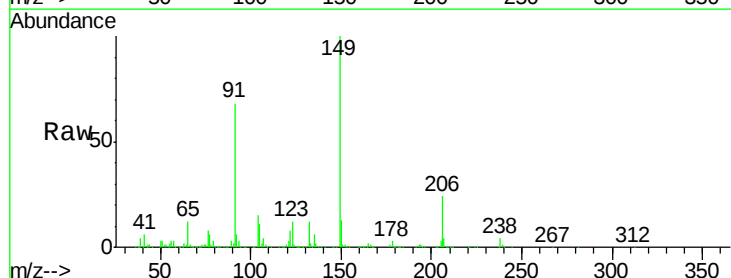
Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion:149 Resp: 552493

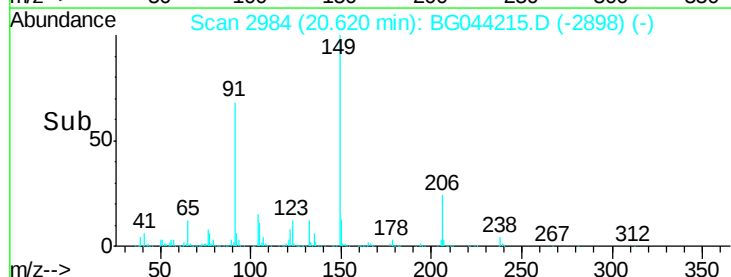
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 68.2  | 59.5  | 89.3  |
| 206 | 23.9  | 17.8  | 26.6  |

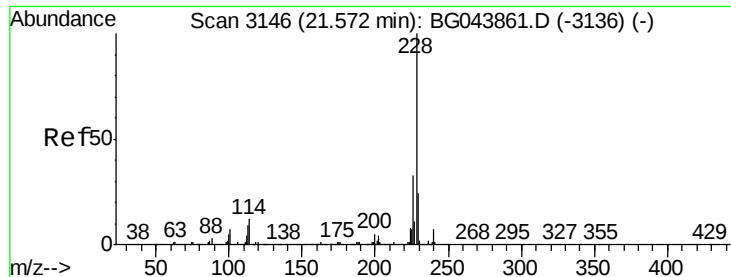


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

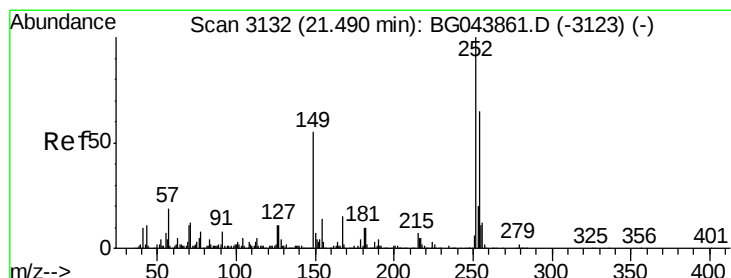
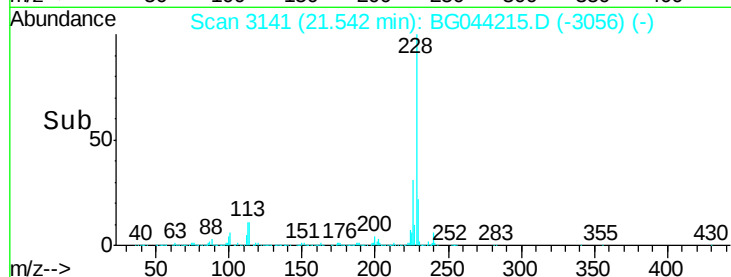
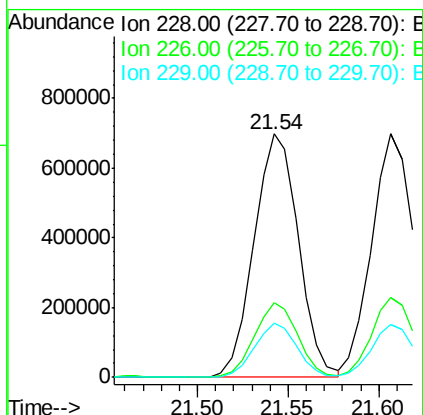
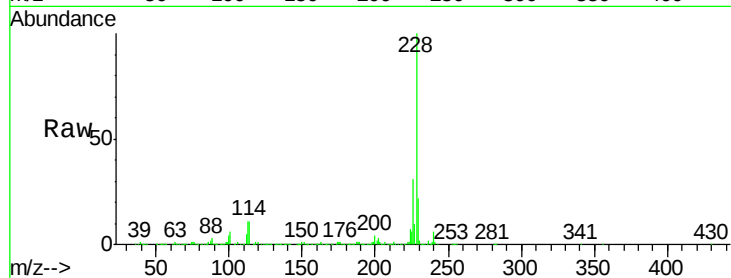




#81  
Benzo(a)anthracene  
Concen: 42.970 ng  
RT: 21.54 min Scan# 3141  
Delta R.T. -0.03 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

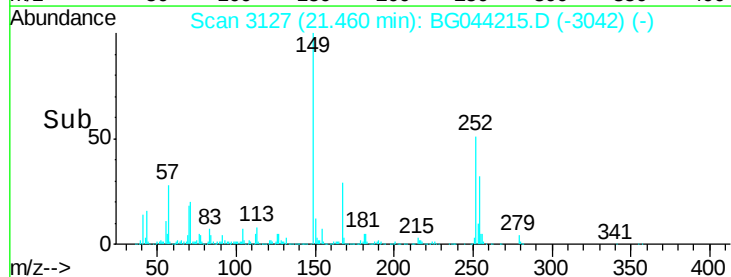
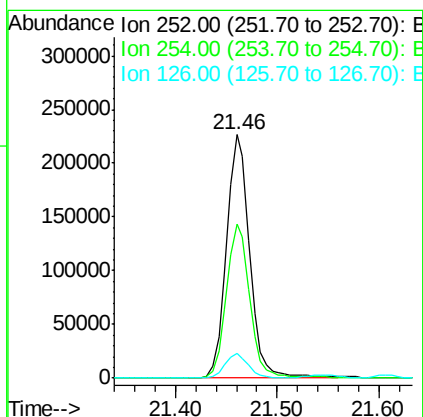
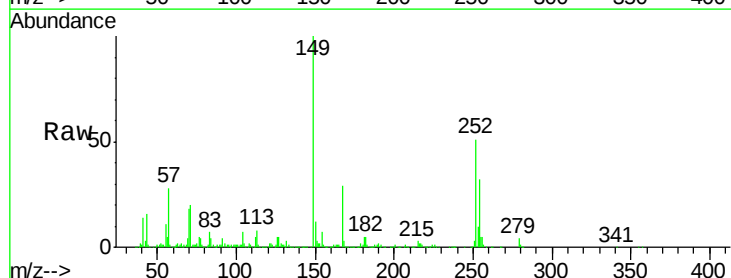
Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

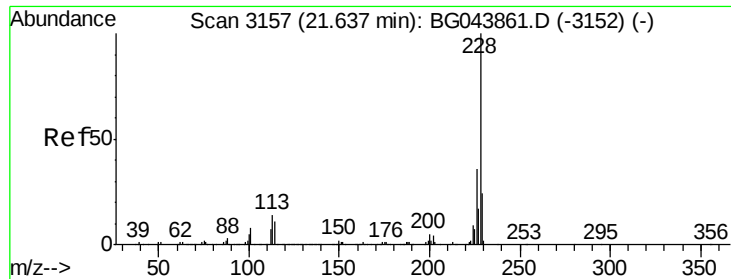
Tot Ion:228 Resp: 1186513  
Ion Ratio Lower Upper  
228 100  
226 30.5 26.2 39.4  
229 22.4 18.9 28.3



#82  
3,3'-Dichlorobenzidine  
Concen: 32.967 ng  
RT: 21.46 min Scan# 3127  
Delta R.T. -0.03 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

Tgt Ion:252 Resp: 359632  
Ion Ratio Lower Upper  
252 100  
254 63.3 52.1 78.1  
126 10.1 9.1 13.7

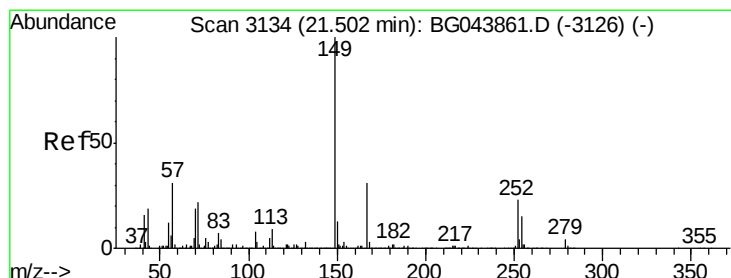
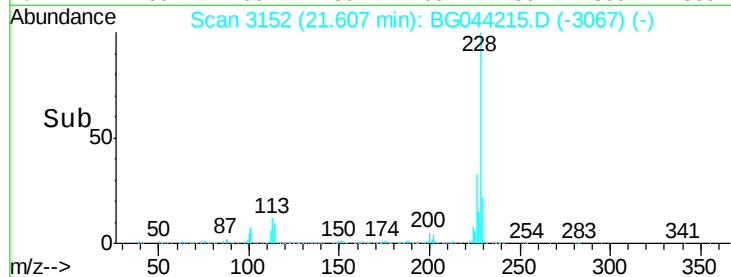
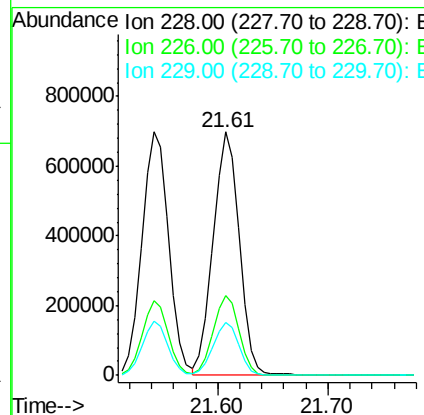
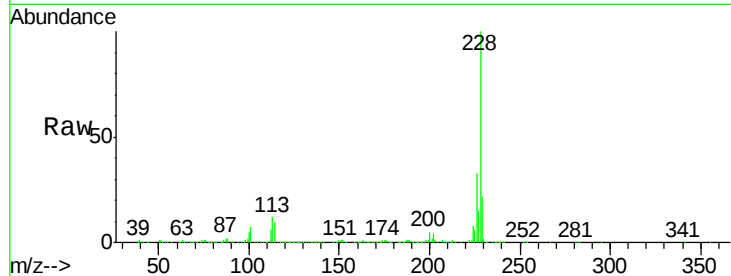




#83  
Chrysene  
Concen: 43.117 ng  
RT: 21.61 min Scan# 3152  
Delta R.T. -0.03 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

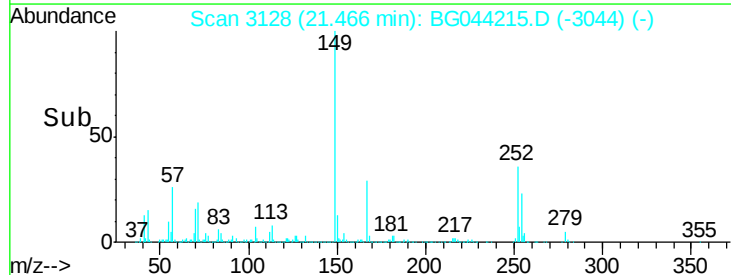
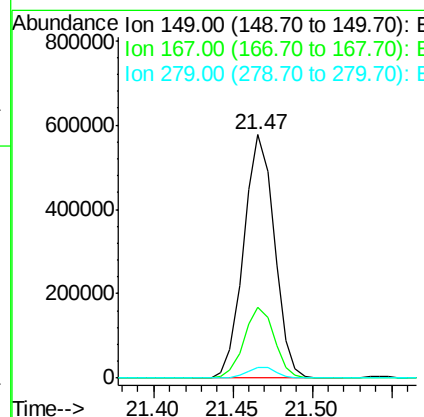
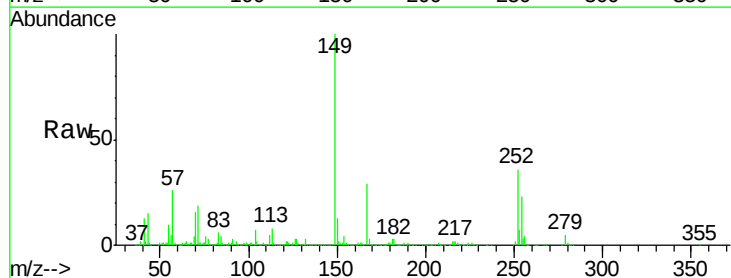
Instrument :  
BNA\_G  
ClientSampleId :  
PB126367BS

Tot Ion:228 Resp: 1131273  
Ion Ratio Lower Upper  
228 100  
226 33.0 28.8 43.2  
229 21.9 19.0 28.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.771 ng  
RT: 21.47 min Scan# 3128  
Delta R.T. -0.04 min  
Lab File: BG044215.D  
Acq: 27 Jan 2020 14:53

Tgt Ion:149 Resp: 778501  
Ion Ratio Lower Upper  
149 100  
167 29.2 24.7 37.1  
279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.399 ng

RT: 22.64 min Scan# 3328

Delta R.T. -0.05 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

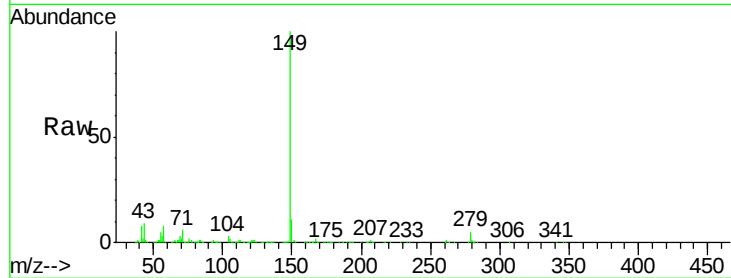
Tot Ion:149 Resp: 1361064

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

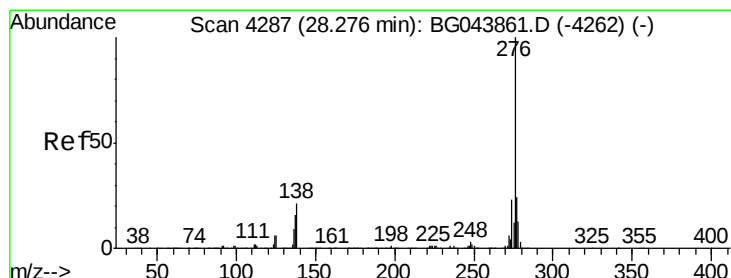
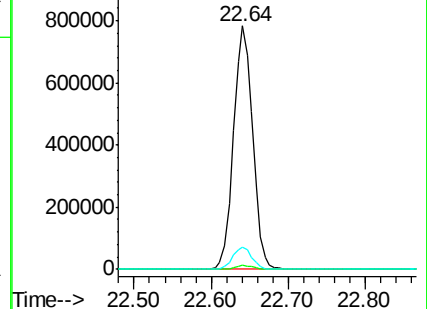
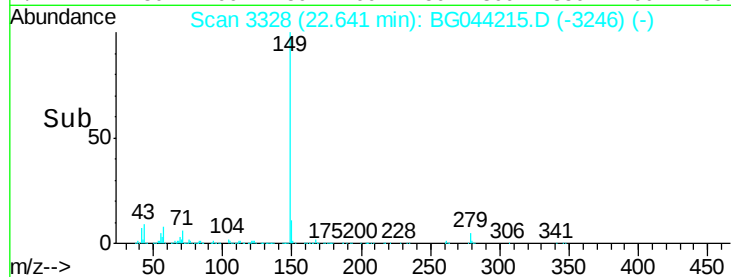
43 9.0 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.453 ng

RT: 28.20 min Scan# 4274

Delta R.T. -0.08 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

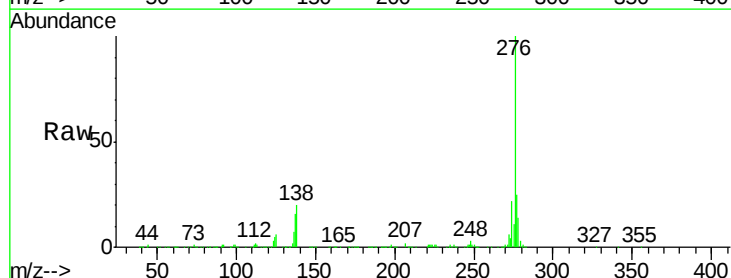
Tgt Ion:276 Resp: 1478070

Ion Ratio Lower Upper

276 100

138 24.6 21.0 31.4

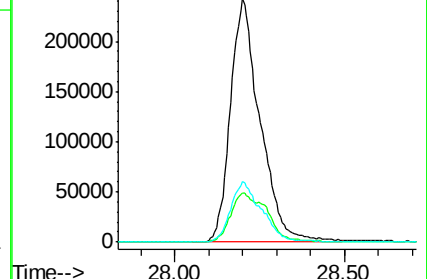
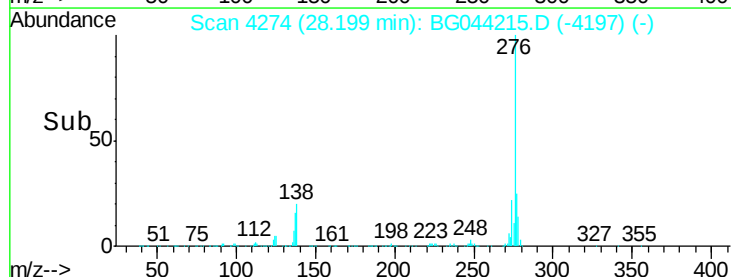
277 25.8 21.1 31.7



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: 24.67 min Scan# 3674

Delta R.T. -0.05 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

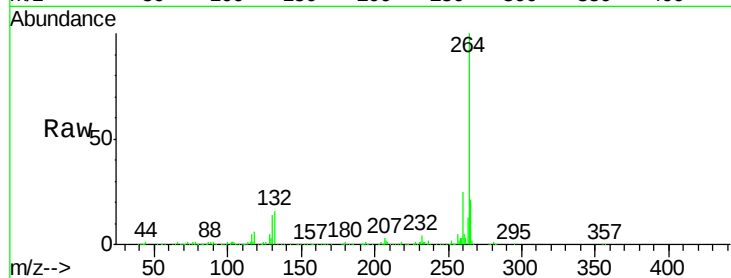
Tot Ion:264 Resp: 494270

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.7  | 20.4  | 30.6  |
| 265 | 21.2  | 17.4  | 26.2  |

264 100

260 24.7 20.4 30.6

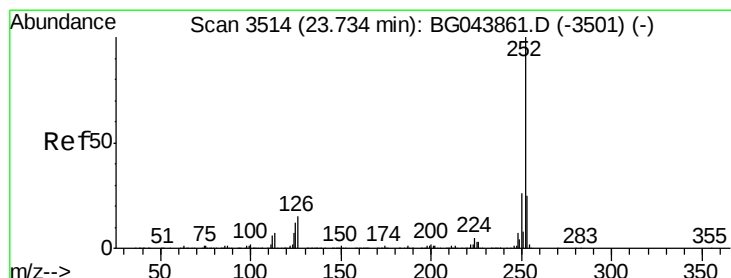
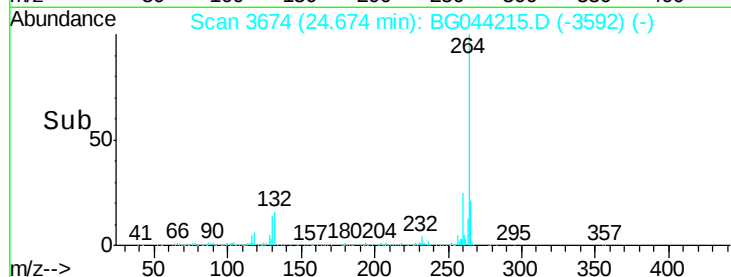
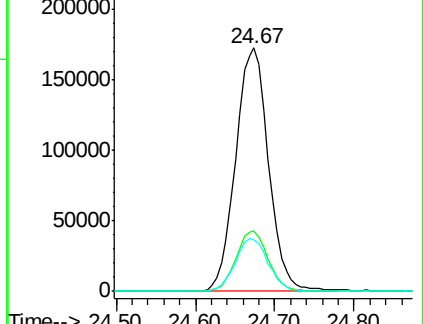
265 21.2 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.756 ng

RT: 23.69 min Scan# 3507

Delta R.T. -0.04 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

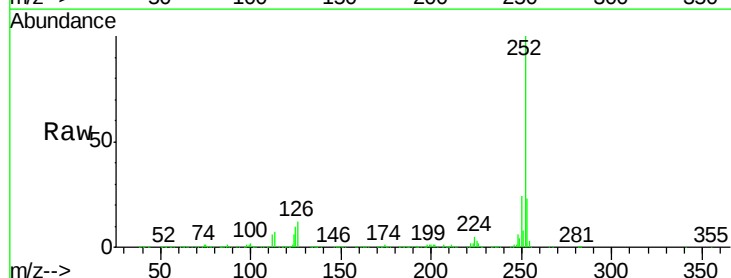
Tgt Ion:252 Resp: 1249339

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.9  | 19.7  | 29.5  |
| 125 | 10.3  | 9.4   | 14.2  |

252 100

253 22.9 19.7 29.5

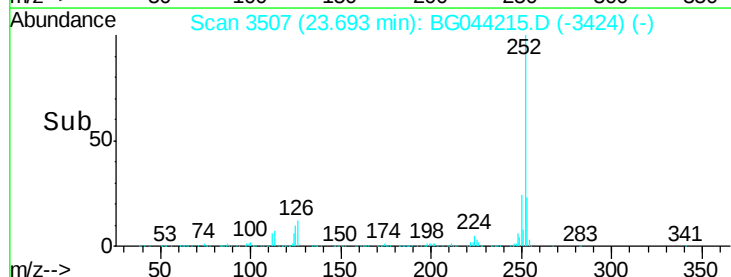
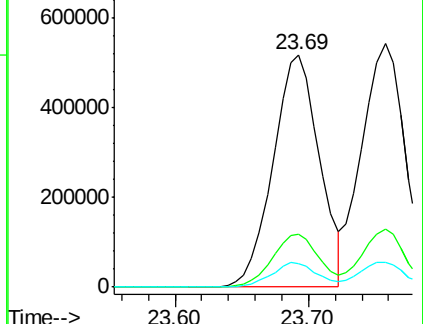
125 10.3 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.761 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.04 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA\_G

ClientSampleId :

PB126367BS

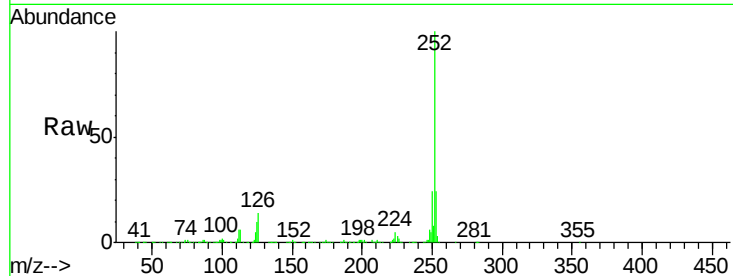
Tot Ion:252 Resp: 1243744

Ion Ratio Lower Upper

252 100

253 23.6 19.4 29.2

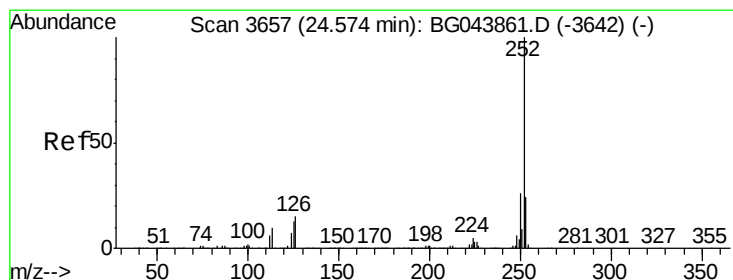
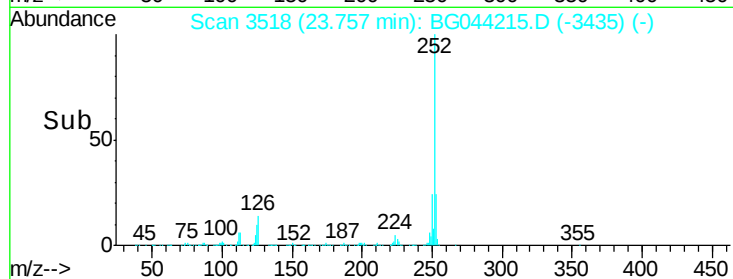
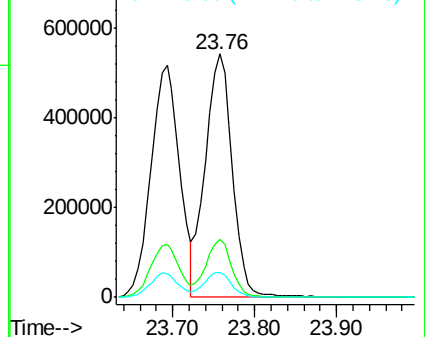
125 10.4 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.989 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.05 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

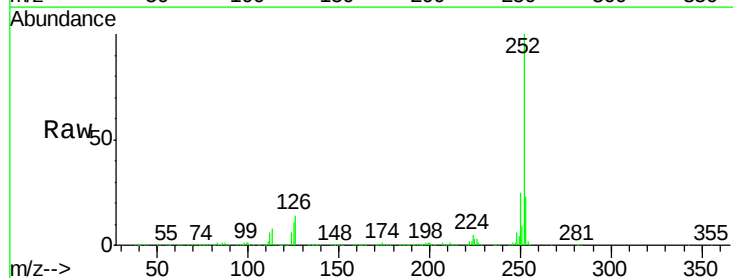
Tgt Ion:252 Resp: 1158001

Ion Ratio Lower Upper

252 100

253 23.2 19.3 28.9

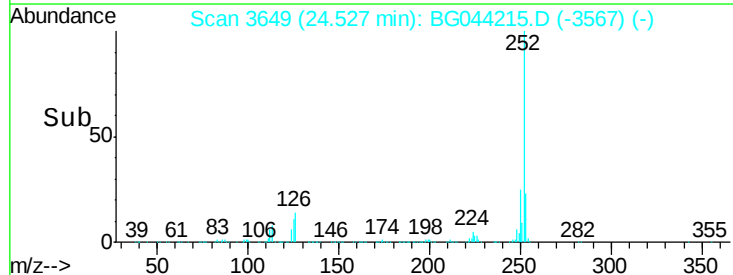
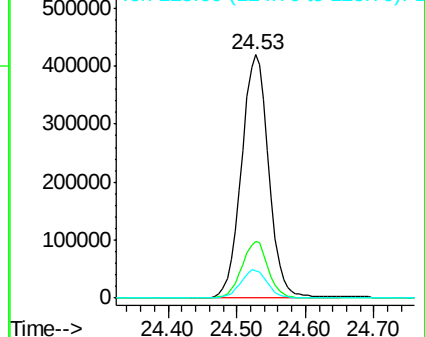
125 11.3 10.4 15.6

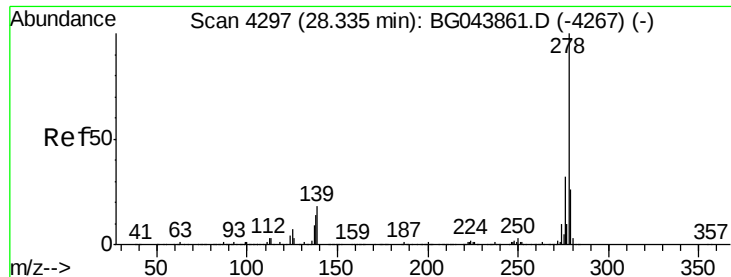


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.749 ng

RT: 28.26 min Scan# 4285

Delta R.T. -0.07 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

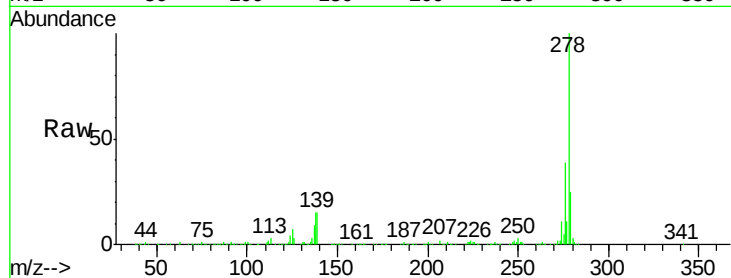
BNA\_G

ClientSampleId :

PB126367BS

Tot Ion:278 Resp: 1211706

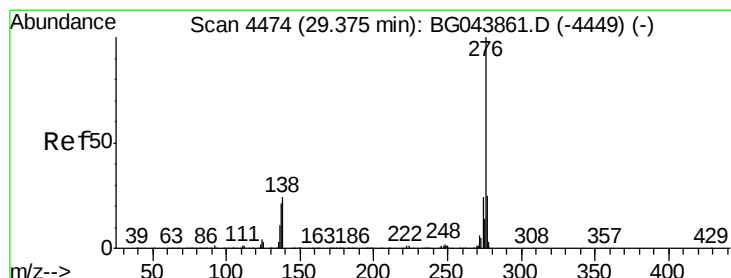
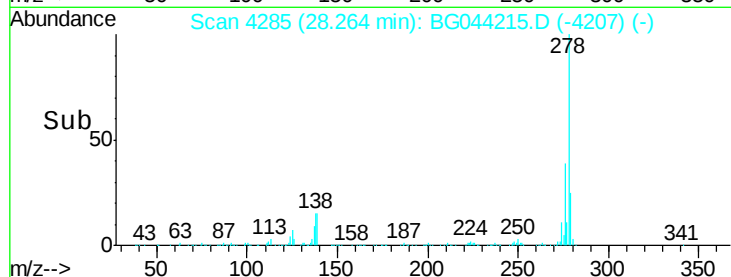
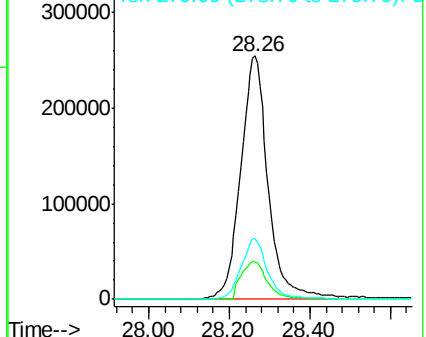
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.3  | 14.2  | 21.4  |
| 279 | 24.6  | 20.6  | 30.8  |



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.487 ng

RT: 29.30 min Scan# 4461

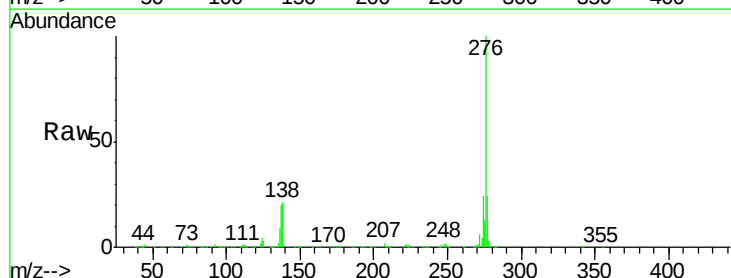
Delta R.T. -0.08 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion:276 Resp: 1223914

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.5  | 20.2  | 30.4  |
| 138 | 21.1  | 19.0  | 28.6  |



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

