

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG011519\  
 Data File : BG039143.D  
 Acq On : 15 Jan 2019 22:28  
 Operator : JU/SJ  
 Sample : K1142-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

Quant Time: Jan 16 01:10:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 09 14:23:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 1719     | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.84 | 136  | 14187    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 24886    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.41 | 188  | 114822   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.69 | 240  | 189325   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.96 | 264  | 180903   | 20.00 | ng    | -0.02    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.58  | 112 | 19695  | 217.34 | ng | 0.00  |
| 7) Phenol-d6                | 7.19  | 99  | 40638  | 311.62 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.20  | 82  | 22362  | 86.25  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 16.16 | 330 | 82225  | 197.11 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 13.28 | 172 | 92158  | 50.68  | ng | 0.00  |
| 79) Terphenyl-d14           | 20.02 | 244 | 793488 | 77.53  | ng | 0.00  |

|                                |       |     |       |         |    |      |
|--------------------------------|-------|-----|-------|---------|----|------|
| Target Compounds               |       |     |       | Qvalue  |    |      |
| 2) 1,4-Dioxane                 | 3.46  | 88  | 295   | 8.313   | ng | # 1  |
| 3) Pyridine                    | 3.89  | 79  | 1973  | 20.462  | ng | 92   |
| 4) n-Nitrosodimethylamine      | 3.79  | 42  | 2132  | 49.136  | ng | # 93 |
| 6) Aniline                     | 7.35  | 93  | 9035  | 57.688  | ng | 95   |
| 8) 2-Chlorophenol              | 7.59  | 128 | 7682  | 71.916  | ng | 92   |
| 9) Benzaldehyde                | 7.18  | 77  | 1972  | 26.221  | ng | 87   |
| 10) Phenol                     | 7.21  | 94  | 13864 | 106.037 | ng | 93   |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 5415  | 54.189  | ng | 89   |
| 12) 1,3-Dichlorobenzene        | 7.91  | 146 | 4755  | 37.153  | ng | 92   |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 5420  | 41.815  | ng | 94   |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 5521  | 44.674  | ng | 90   |
| 15) Benzyl Alcohol             | 8.27  | 79  | 8666  | 88.240  | ng | # 83 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 10056 | 52.480  | ng | 92   |
| 17) 2-Methylphenol             | 8.47  | 107 | 9495  | 104.585 | ng | 91   |
| 18) Hexachloroethane           | 9.10  | 117 | 1587  | 36.039  | ng | 95   |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 6106  | 71.301  | ng | # 92 |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 13257 | 102.418 | ng | 91   |
| 22) Acetophenone               | 8.86  | 105 | 13358 | 36.055  | ng | # 92 |
| 24) Nitrobenzene               | 9.25  | 77  | 10483 | 40.002  | ng | 93   |
| 25) Isophorone                 | 9.76  | 82  | 23409 | 52.416  | ng | 96   |
| 26) 2-Nitrophenol              | 9.96  | 139 | 6586  | 46.463  | ng | 96   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 13930 | 69.852  | ng | 93   |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 11049 | 41.165  | ng | 95   |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 15479 | 62.480  | ng | 95   |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180 | 10100 | 33.930  | ng | 86   |
| 31) Naphthalene                | 10.89 | 128 | 29726 | 41.777  | ng | 97   |
| 32) Benzoic acid               | 10.16 | 122 | 2421  | 25.302  | ng | 91   |
| 33) 4-Chloroaniline            | 11.02 | 127 | 14172 | 44.512  | ng | 98   |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 5171  | 25.246  | ng | # 82 |
| 35) Caprolactam                | 11.78 | 113 | 12640 | 127.233 | ng | 93   |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 22623 | 85.377  | ng | 94   |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 29516 | 55.328  | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.71 | 142 | 29758 | 58.116  | ng | # 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 19955 | 21.351  | ng | 99   |

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 Sample : K1142-01MS  
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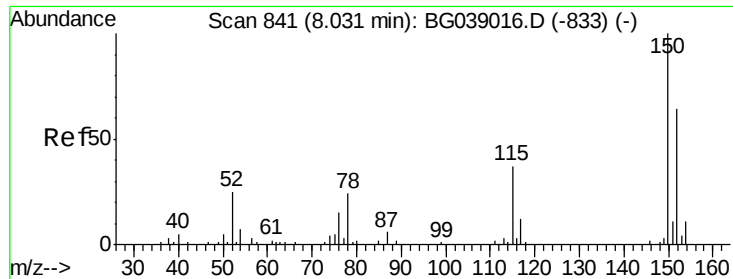
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

Quant Time: Jan 16 01:10:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 09 14:23:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.82 | 237  | 6412     | 17.042  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.11 | 196  | 20006    | 34.011  | ng    | 95       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 27758    | 44.648  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 48688    | 24.691  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.55 | 162  | 43777    | 27.434  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.76 | 65   | 24787    | 55.446  | ng    | 94       |
| 49) Acenaphthylene             | 14.39 | 152  | 106463   | 44.388  | ng    | 98       |
| 50) Dimethylphthalate          | 14.11 | 163  | 130835   | 62.214  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.25 | 165  | 22242    | 47.306  | ng    | 94       |
| 52) Acenaphthene               | 14.73 | 154  | 56144    | 38.960  | ng    | 98       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 23712    | 49.715  | ng    | 91       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 17262    | 62.660  | ng    | 91       |
| 55) Dibenzofuran               | 15.06 | 168  | 113373   | 44.546  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 69911    | 203.713 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.03 | 165  | 42633    | 63.203  | ng    | 95       |
| 58) Fluorene                   | 15.71 | 166  | 98984    | 51.669  | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 40817    | 69.551  | ng    | 99       |
| 60) Diethylphthalate           | 15.47 | 149  | 109043   | 50.326  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 50381    | 41.743  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.75 | 138  | 44000    | 88.554  | ng    | 100      |
| 63) Azobenzene                 | 15.99 | 77   | 76168    | 44.952  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 24341    | 28.614  | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 99427    | 29.210  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 41985    | 28.445  | ng    | 98       |
| 68) Hexachlorobenzene          | 16.71 | 284  | 49096    | 30.484  | ng    | 97       |
| 69) Atrazine                   | 16.86 | 200  | 63064    | 43.612  | ng    | 97       |
| 70) Pentachlorophenol          | 17.06 | 266  | 62291    | 63.860  | ng    | 95       |
| 71) Phenanthrene               | 17.45 | 178  | 247937   | 40.852  | ng    | 97       |
| 72) Anthracene                 | 17.55 | 178  | 258091   | 43.010  | ng    | 98       |
| 73) Carbazole                  | 17.82 | 167  | 291922   | 49.279  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.35 | 149  | 283778   | 43.061  | ng    | 99       |
| 75) Fluoranthene               | 19.47 | 202  | 460156   | 61.160  | ng    | 99       |
| 77) Benzidine                  | 19.65 | 184  | 115537   | 19.952  | ng    | 98       |
| 78) Pyrene                     | 19.83 | 202  | 466981   | 38.704  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 195794   | 42.667  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.67 | 228  | 481499   | 41.778  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 97670    | 20.799  | ng    | 97       |
| 83) Chrysene                   | 21.74 | 228  | 457182   | 41.708  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 284600   | 44.666  | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.75 | 149  | 423519   | 39.309  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.72 | 276  | 509999   | 38.938  | ng    | # 98     |
| 88) Benzo(b)fluoranthene       | 23.92 | 252  | 443196   | 44.431  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.99 | 252  | 421410   | 42.729  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.81 | 252  | 415764   | 43.122  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.78 | 278  | 418202   | 43.607  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.89 | 276  | 404257   | 42.579  | ng    | 96       |

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

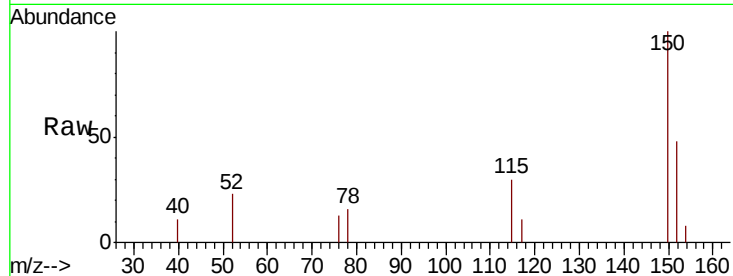




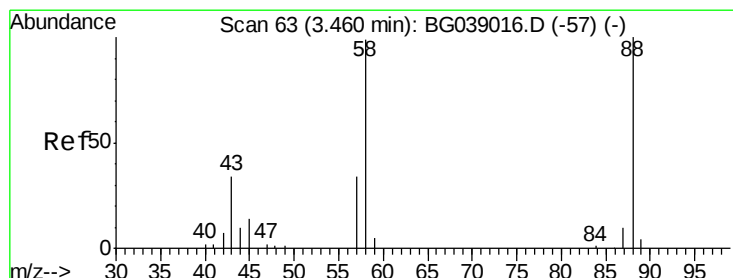
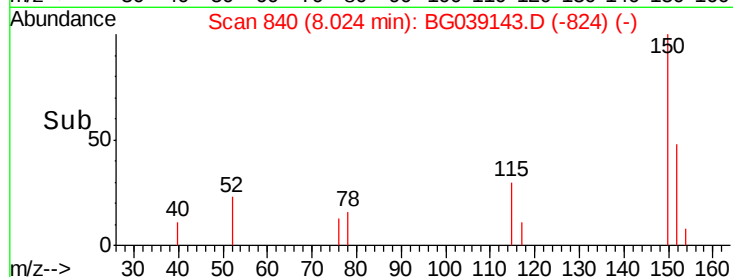
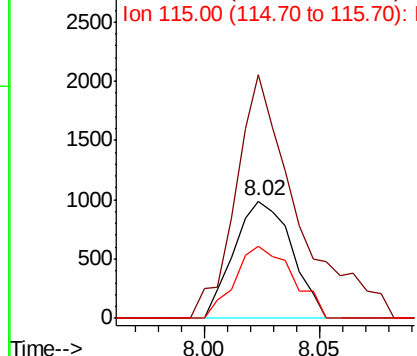
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.02 min Scan# 840  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:152 Resp: 1719  
 Ion Ratio Lower Upper  
 152 100  
 150 207.5 124.7 187.1#  
 115 61.5 46.5 69.7

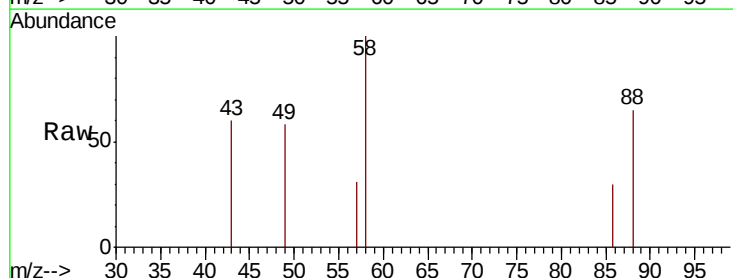


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

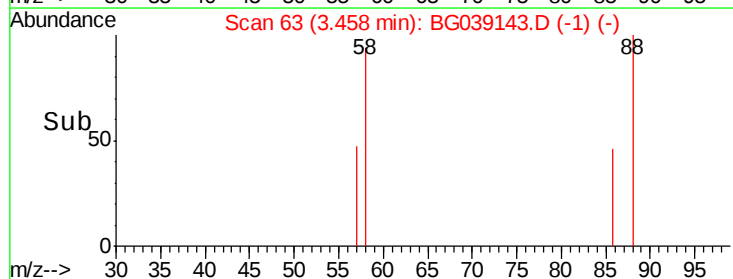
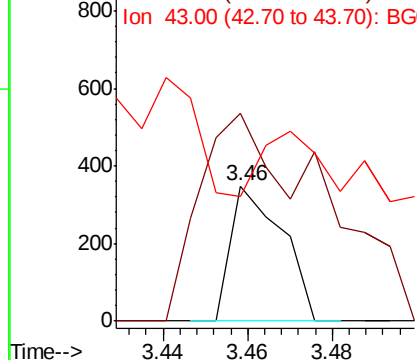


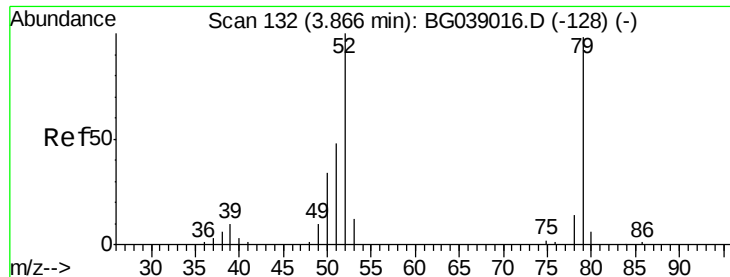
#2  
 1,4-Dioxane  
 Concen: 8.313 ng  
 RT: 3.46 min Scan# 63  
 Delta R.T. -0.00 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Tgt Ion: 88 Resp: 295  
 Ion Ratio Lower Upper  
 88 100  
 58 368.8 72.4 108.6#  
 43 69.8 27.6 41.4#



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





#3

Pyridine

Concen: 20.462 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.03 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

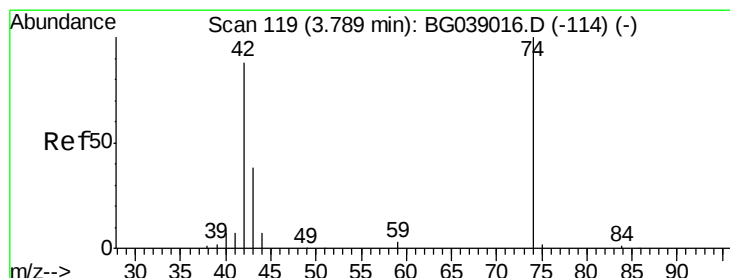
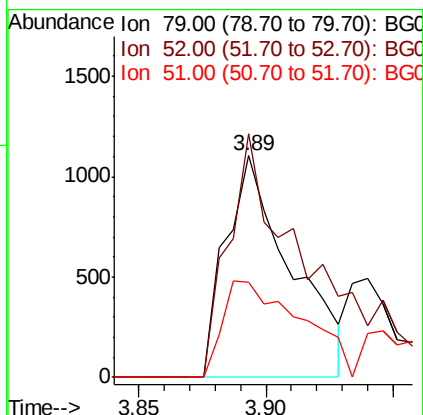
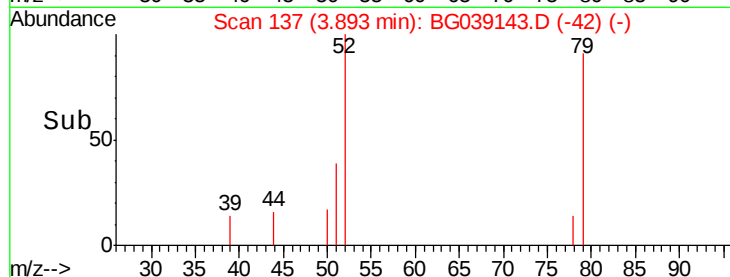
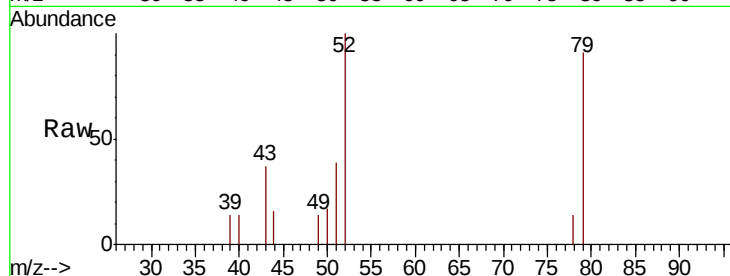
Tgt Ion: 79 Resp: 1973

Ion Ratio Lower Upper

79 100

52 110.0 81.5 122.3

51 43.2 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 49.136 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

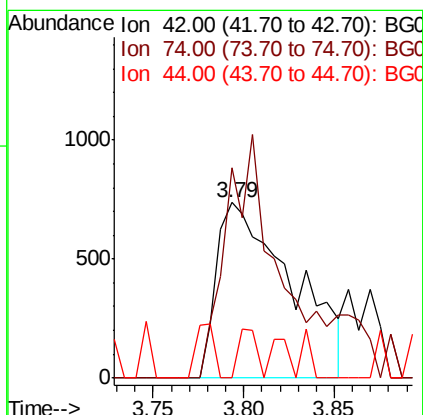
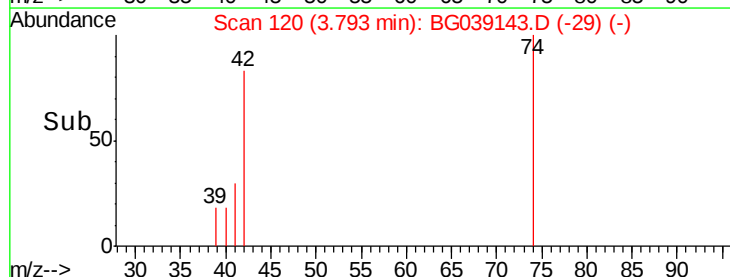
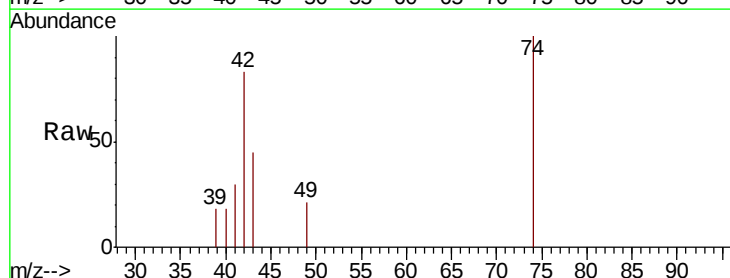
Tgt Ion: 42 Resp: 2132

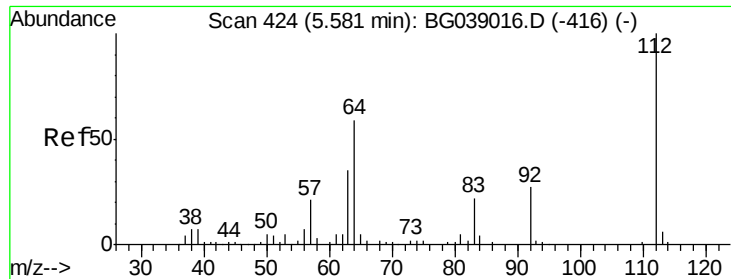
Ion Ratio Lower Upper

42 100

74 119.8 90.7 136.1

44 0.0 6.5 9.7#





#5

2-Fluorophenol

Concen: 217.342 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

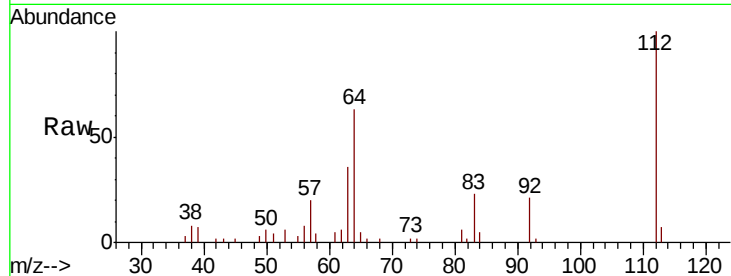
Tgt Ion: 112 Resp: 19695

Ion Ratio Lower Upper

112 100

64 63.2 47.0 70.6

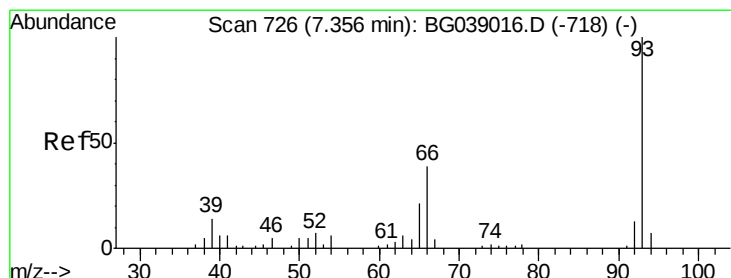
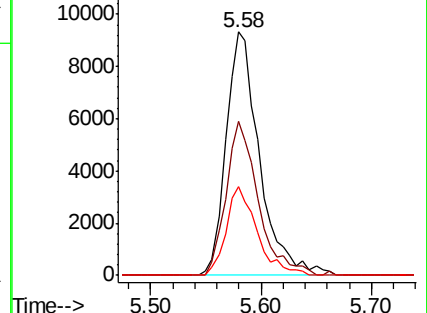
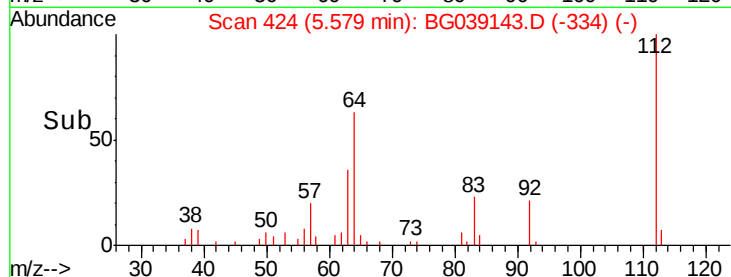
63 36.4 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 57.688 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

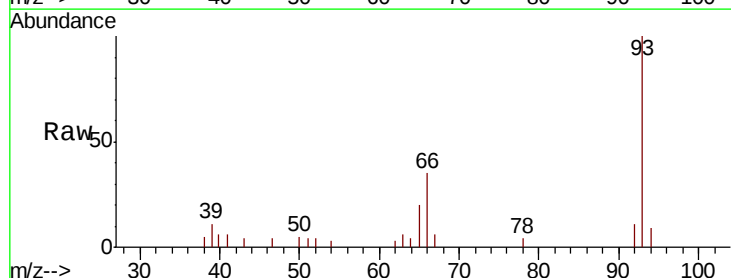
Tgt Ion: 93 Resp: 9035

Ion Ratio Lower Upper

93 100

66 35.1 30.9 46.3

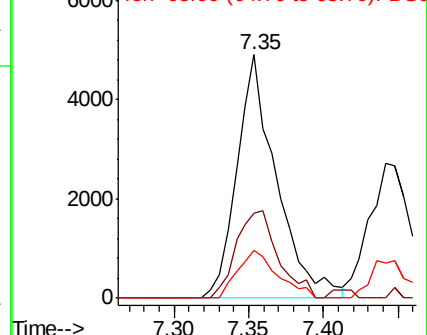
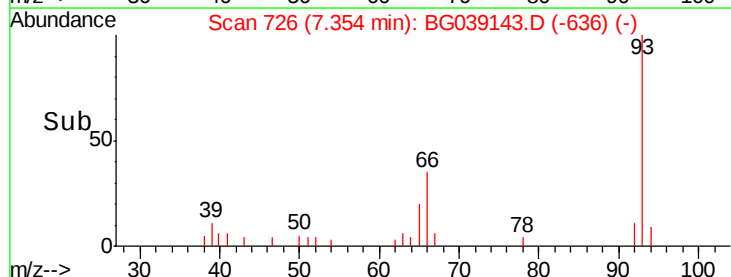
65 19.7 17.0 25.4

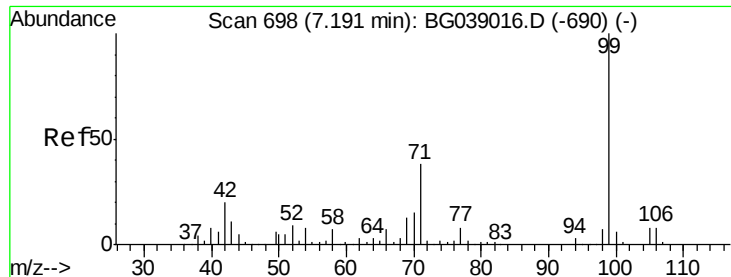


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 311.616 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

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ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

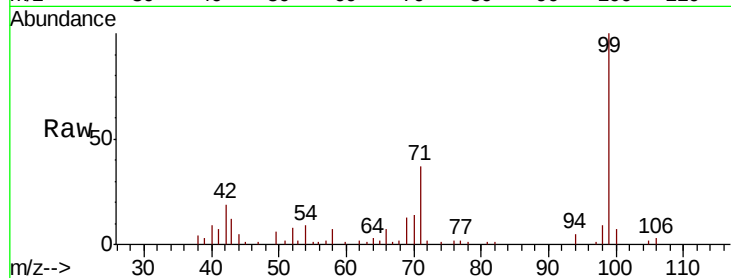
Tgt Ion: 99 Resp: 40638

Ion Ratio Lower Upper

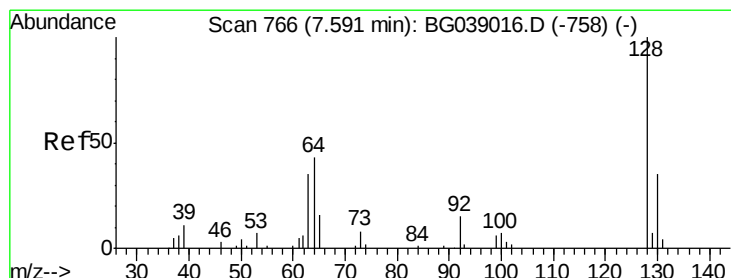
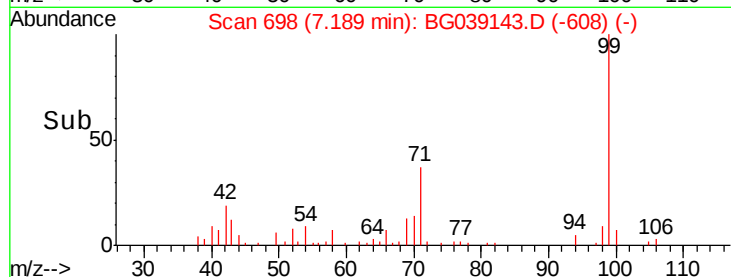
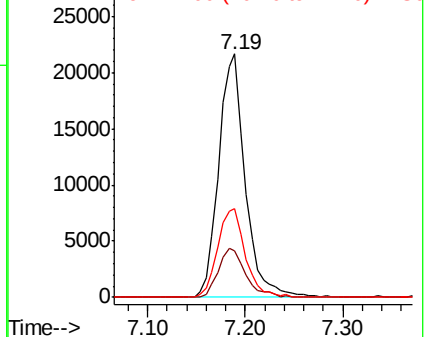
99 100

42 19.1 15.8 23.6

71 36.6 30.2 45.4



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: 71.916 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

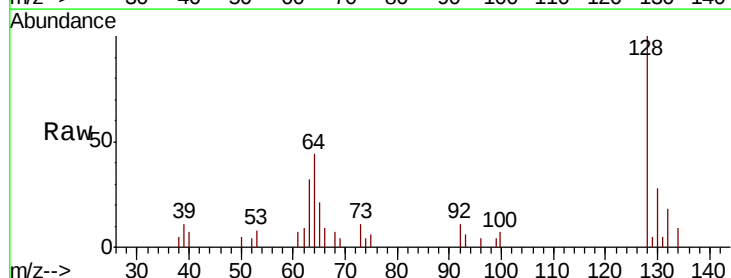
Tgt Ion: 128 Resp: 7682

Ion Ratio Lower Upper

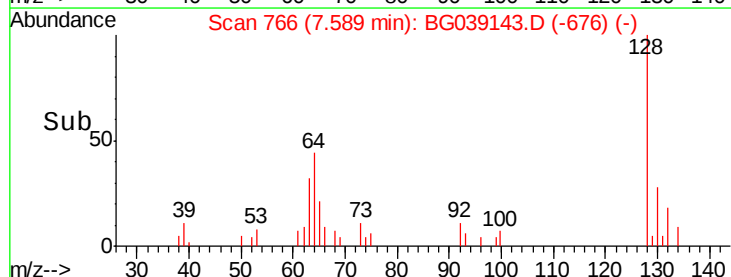
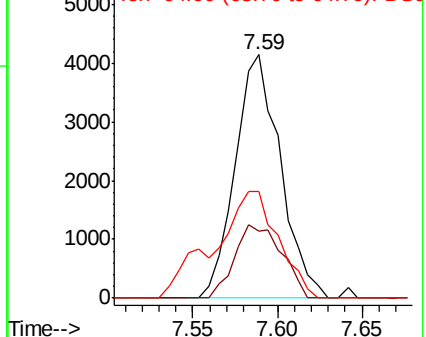
128 100

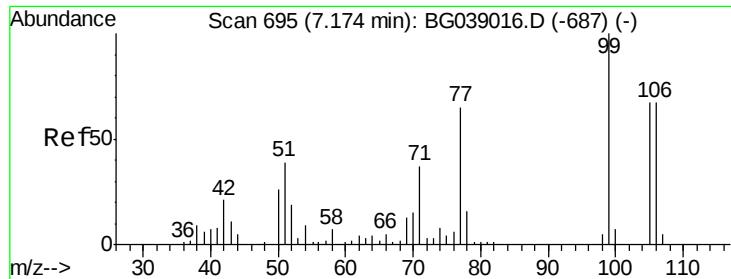
130 27.5 14.5 54.5

64 44.0 27.3 67.3



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





#9

Benzaldehyde

Concen: 26.221 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

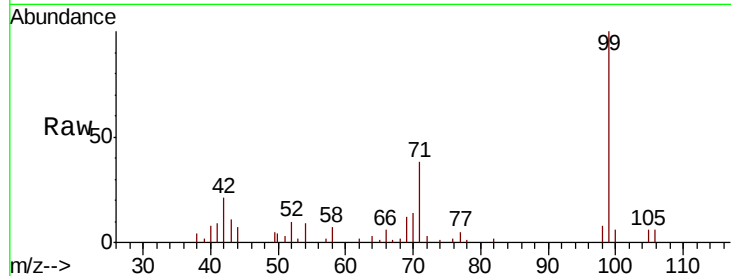
Tgt Ion: 77 Resp: 1972

Ion Ratio Lower Upper

77 100

105 118.5 82.4 122.4

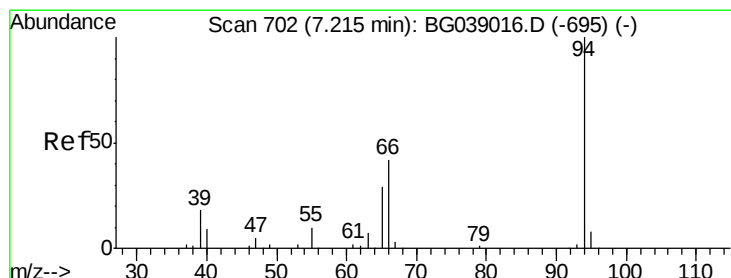
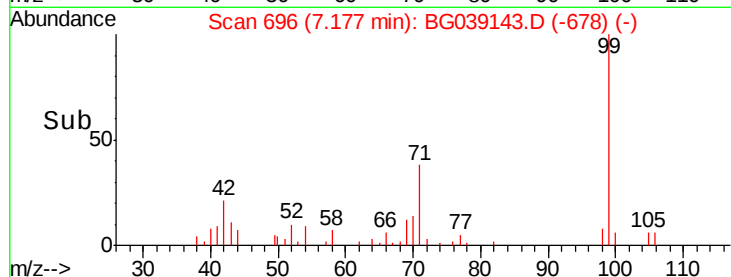
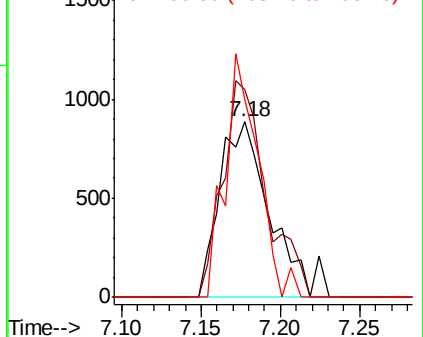
106 112.9 82.8 122.8



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: 106.037 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

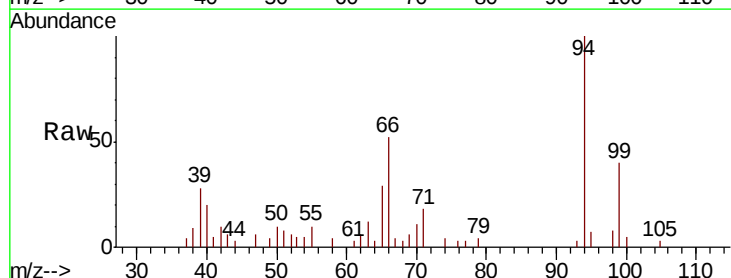
Tgt Ion: 94 Resp: 13864

Ion Ratio Lower Upper

94 100

65 28.7 10.3 50.3

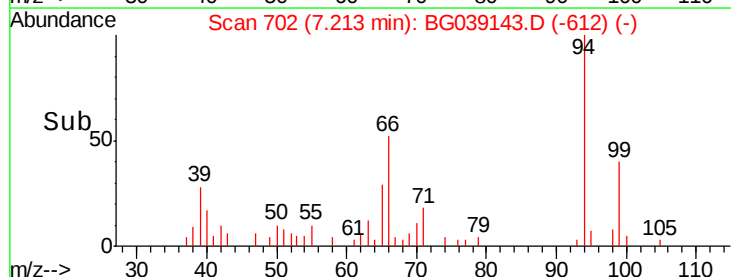
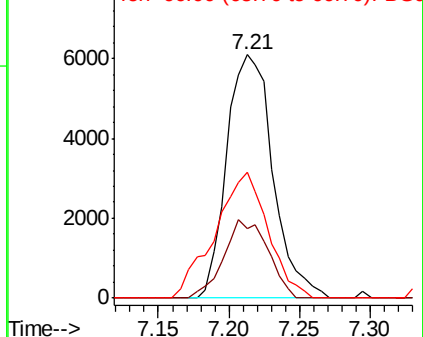
66 51.6 25.1 65.1

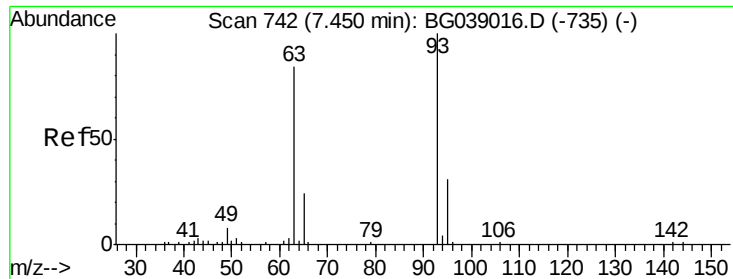


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

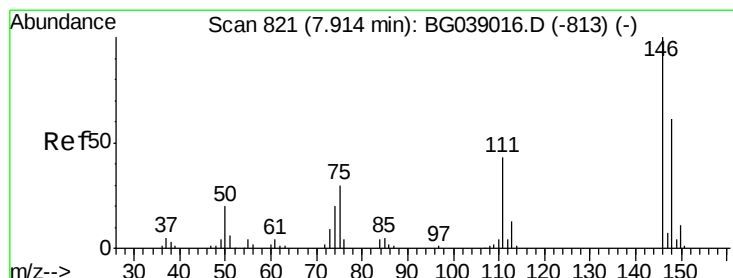
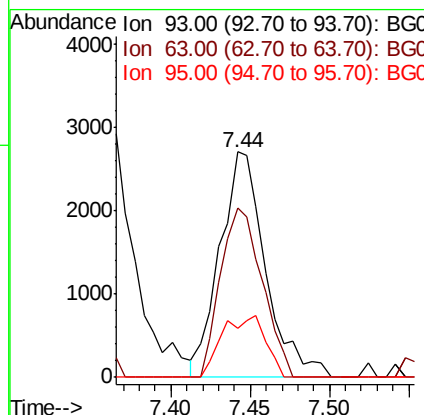
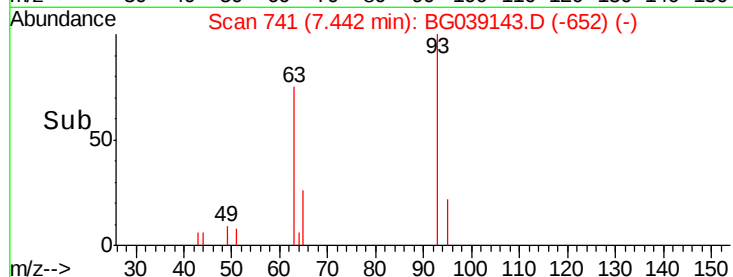
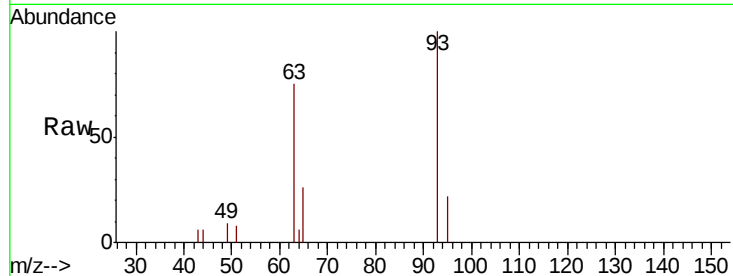




#11  
 bis(2-Chloroethyl)ether  
 Concen: 54.189 ng  
 RT: 7.44 min Scan# 741  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

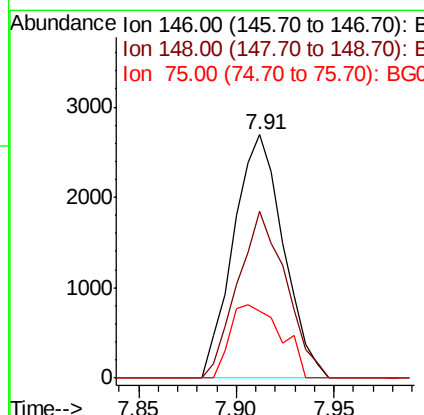
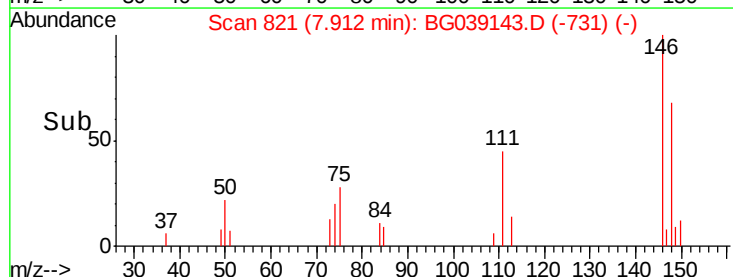
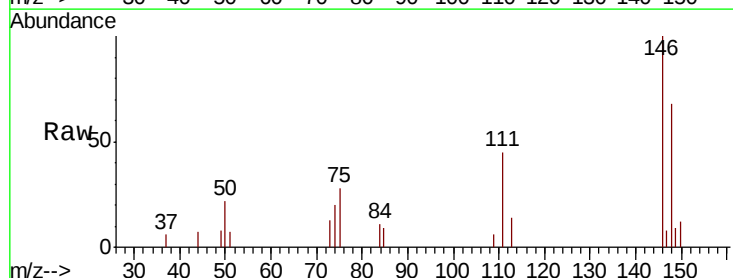
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

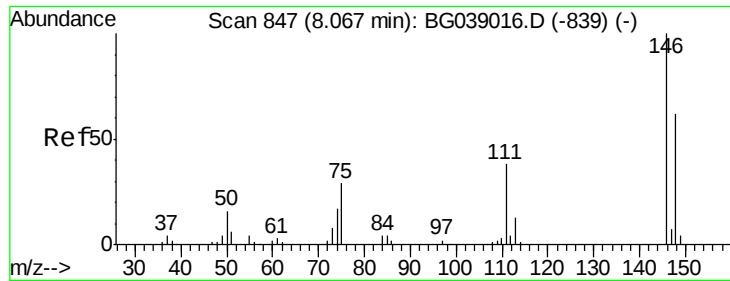
Tgt Ion: 93 Resp: 5415  
 Ion Ratio Lower Upper  
 93 100  
 63 75.5 63.2 103.2  
 95 21.5 11.2 51.2



#12  
 1,3-Dichlorobenzene  
 Concen: 37.153 ng  
 RT: 7.91 min Scan# 821  
 Delta R.T. -0.00 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Tgt Ion: 146 Resp: 4755  
 Ion Ratio Lower Upper  
 146 100  
 148 68.5 49.1 73.7  
 75 27.7 23.9 35.9

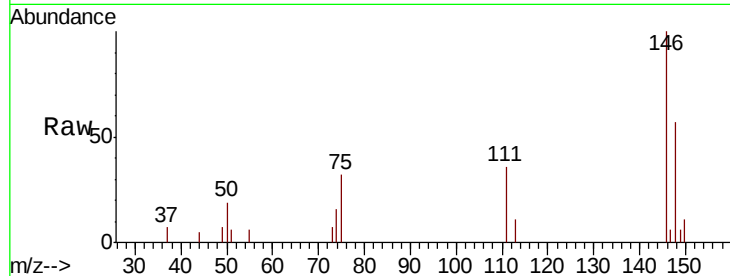




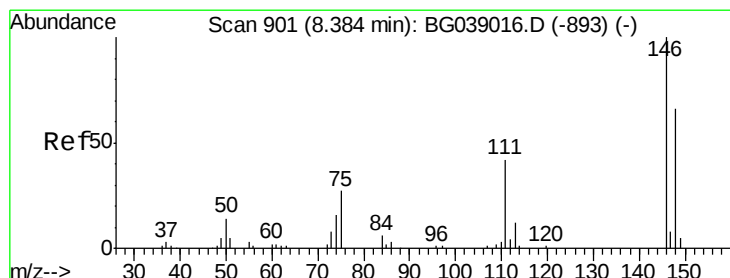
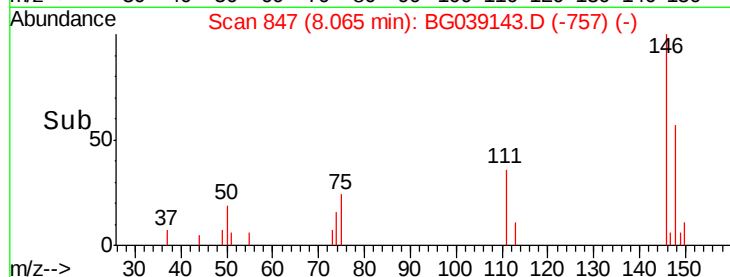
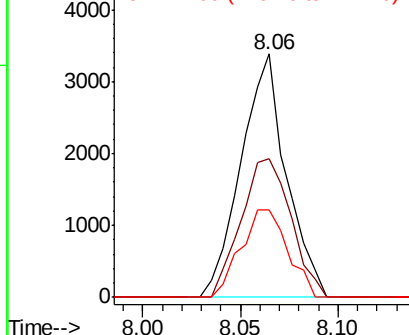
#13  
 1,4-Dichlorobenzene  
 Concen: 41.815 ng  
 RT: 8.06 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:146 Resp: 5420  
 Ion Ratio Lower Upper  
 146 100  
 148 57.0 49.8 74.6  
 111 36.1 30.6 45.8

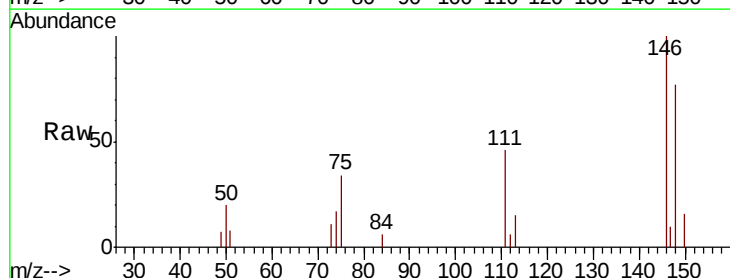


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

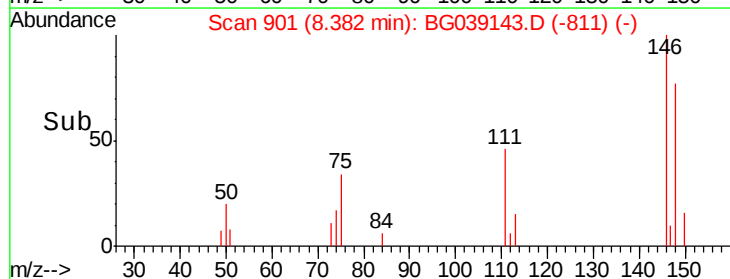
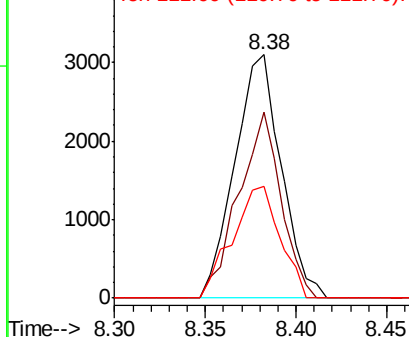


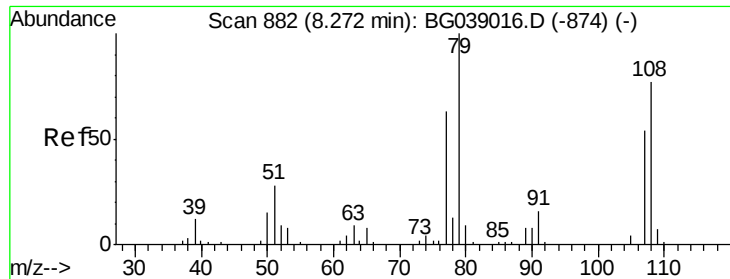
#14  
 1,2-Dichlorobenzene  
 Concen: 44.674 ng  
 RT: 8.38 min Scan# 901  
 Delta R.T. -0.00 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Tgt Ion:146 Resp: 5521  
 Ion Ratio Lower Upper  
 146 100  
 148 76.6 52.6 79.0  
 111 46.1 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 88.240 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

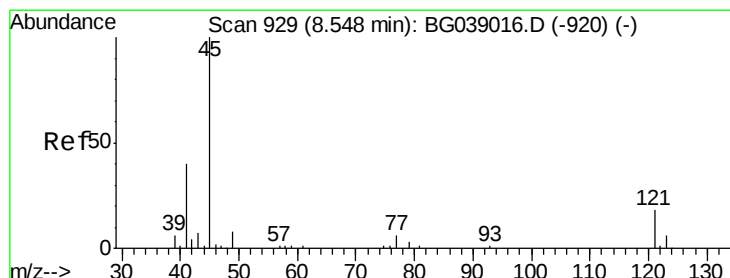
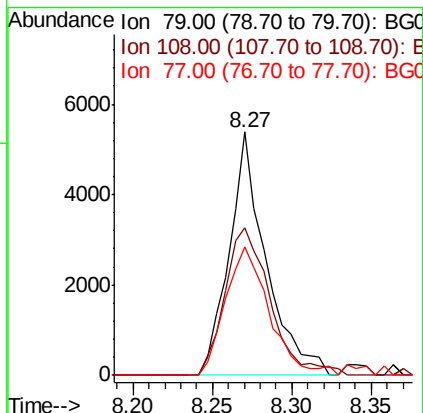
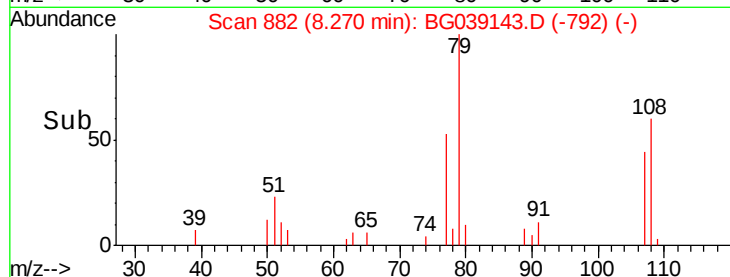
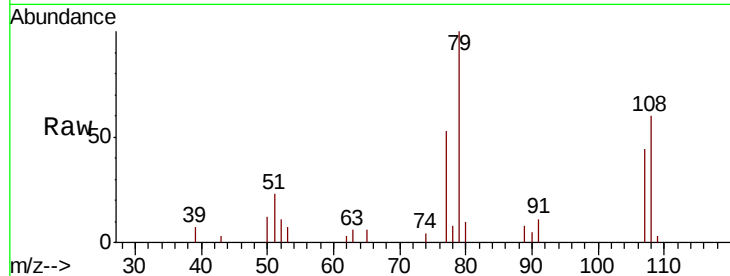
Tgt Ion: 79 Resp: 8666

Ion Ratio Lower Upper

79 100

108 60.4 62.0 93.0#

77 52.6 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.480 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

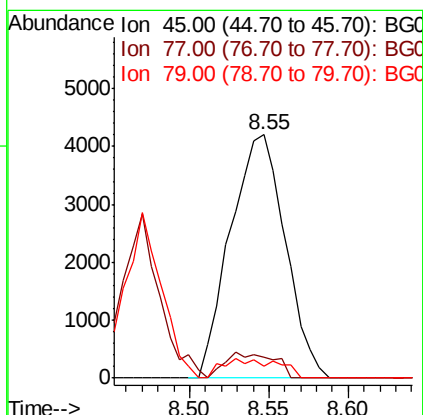
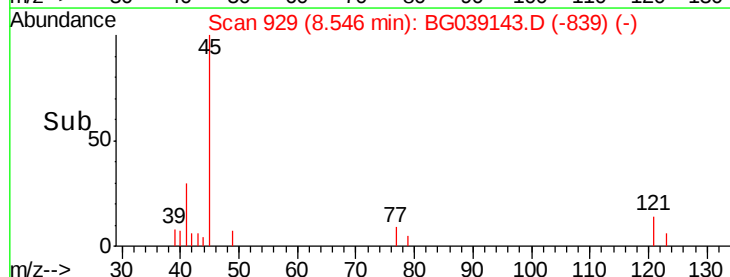
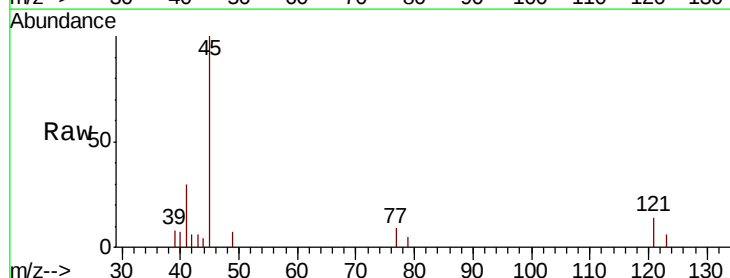
Tgt Ion: 45 Resp: 10056

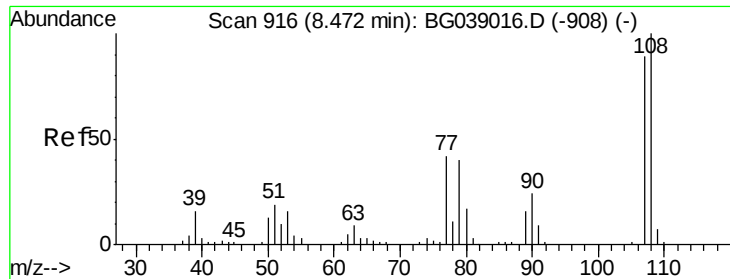
Ion Ratio Lower Upper

45 100

77 8.6 0.0 30.7

79 4.8 0.0 28.5

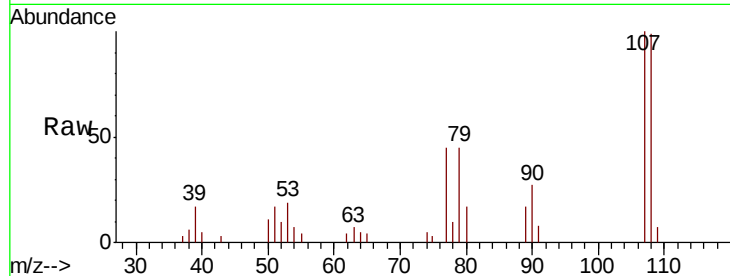




#17  
2-Methylphenol  
Concen: 104.585 ng  
RT: 8.47 min Scan# 916  
Delta R.T. -0.00 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 9495  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 98.5  | 90.3  | 135.5 |
| 77       | 45.0  | 38.3  | 57.5  |
| 79       | 45.3  | 35.8  | 53.6  |



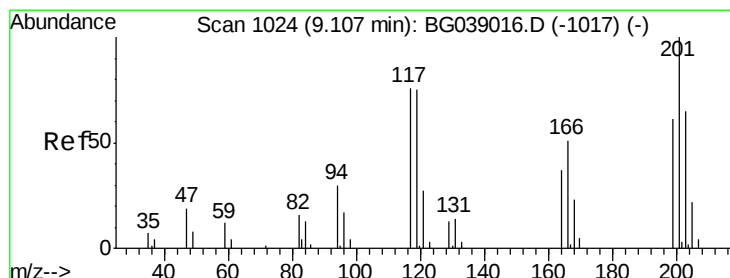
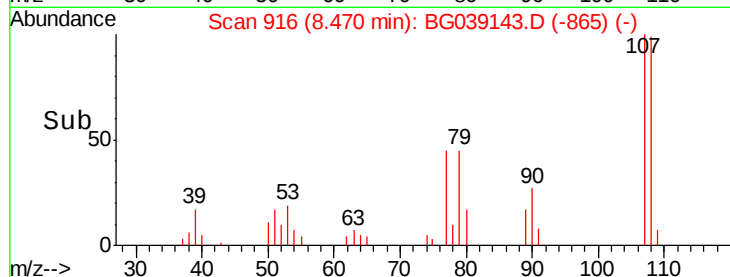
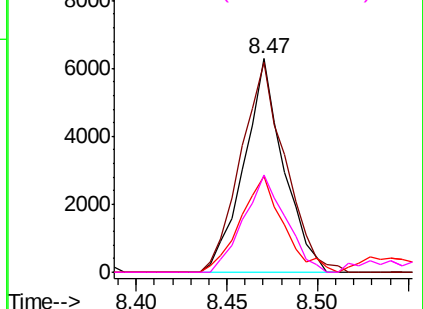
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

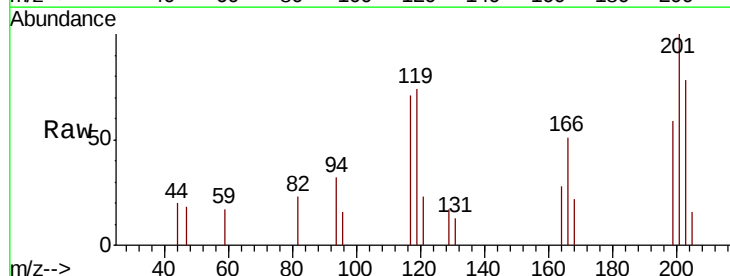
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 36.039 ng  
RT: 9.10 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 1587  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 103.5 | 78.7  | 118.1 |
| 201      | 139.9 | 108.1 | 162.1 |

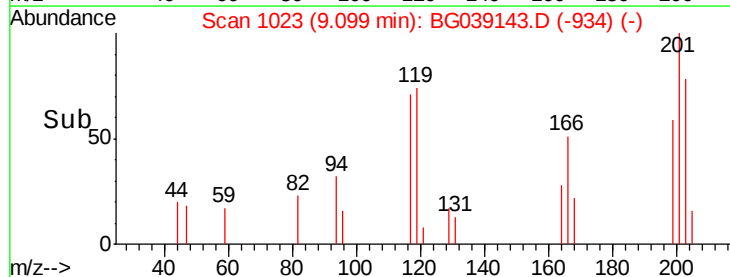
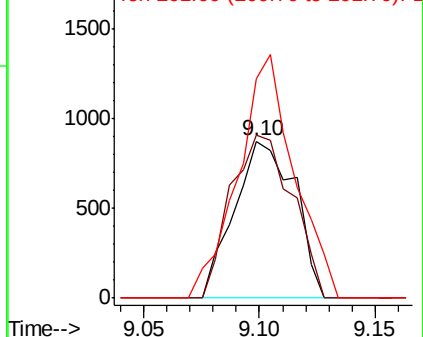


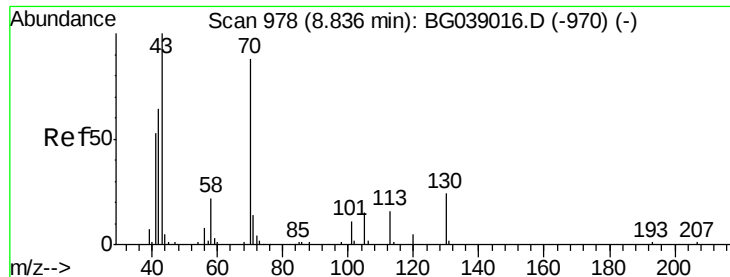
Abundance

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

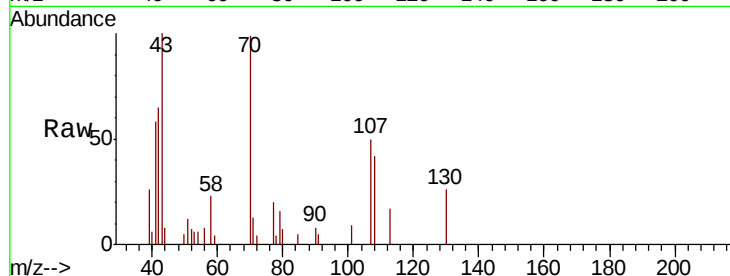




#19  
n-Nitroso-di-n-propylamine  
Concen: 71.301 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 6106  |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 65.2  | 59.0  | 88.4  |
| 101      | 9.0   | 10.4  | 15.6# |
| 130      | 26.6  | 21.6  | 32.4  |



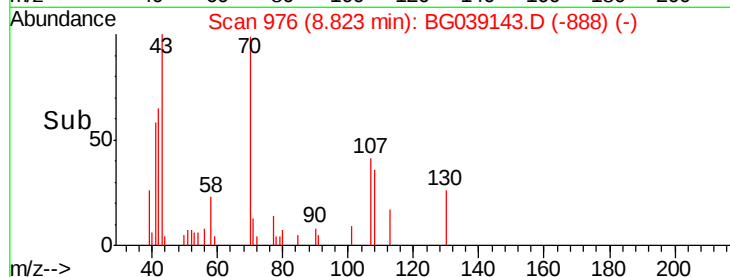
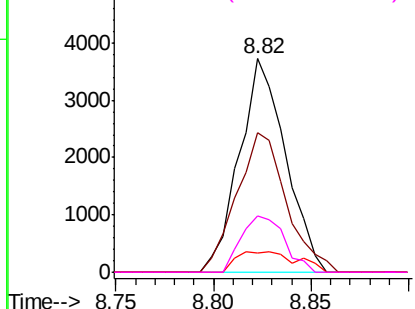
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 102.418 ng  
RT: 8.80 min Scan# 972  
Delta R.T. -0.00 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 13257 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 99.4  | 68.4  | 108.4 |
| 77       | 37.9  | 13.3  | 53.3  |
| 79       | 32.1  | 11.6  | 51.6  |

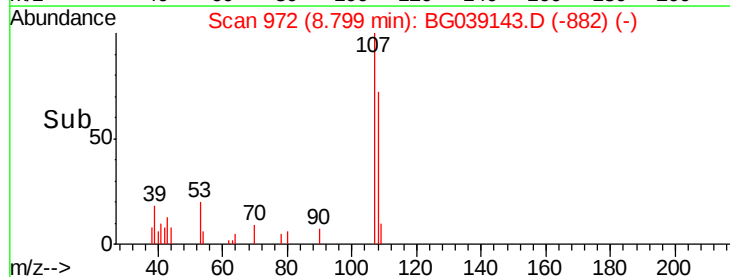
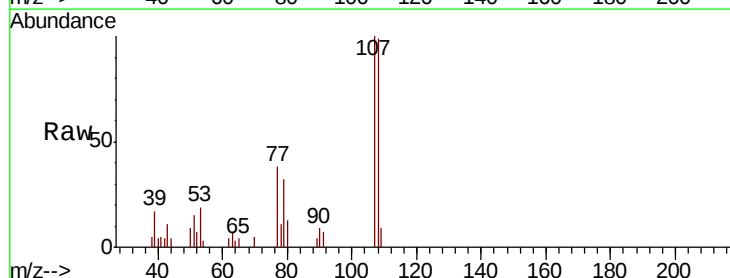
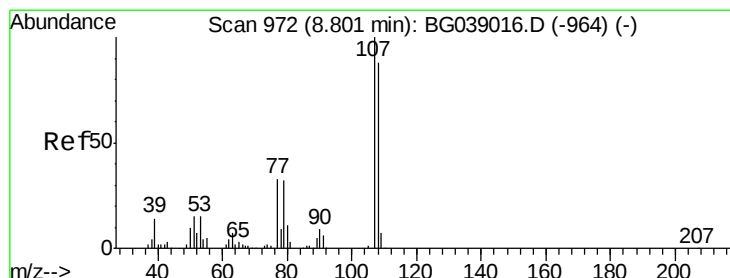
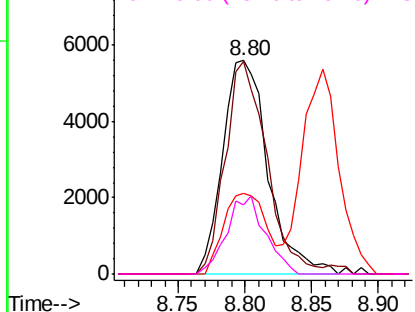
Abundance

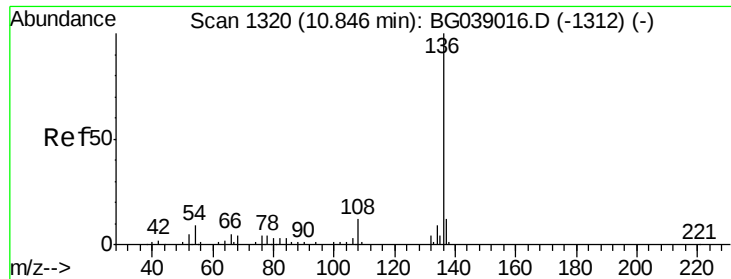
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

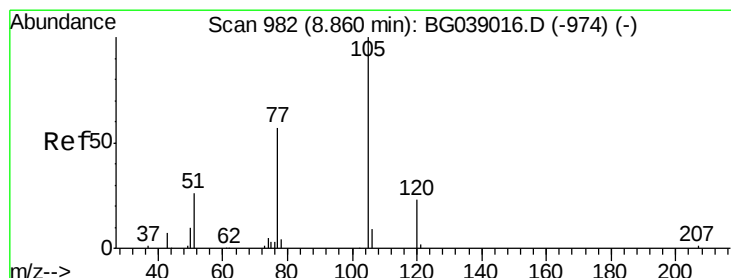
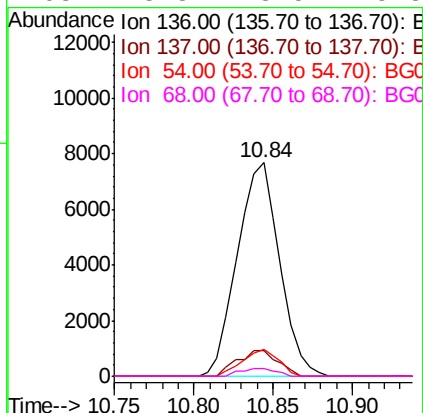
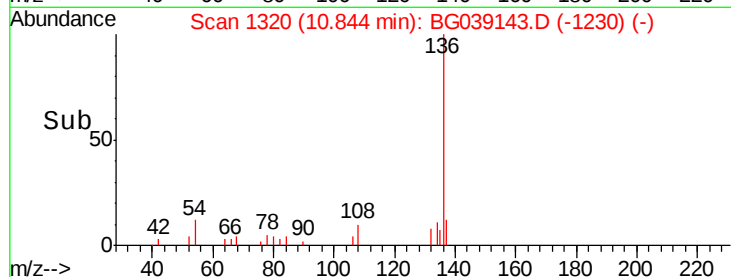
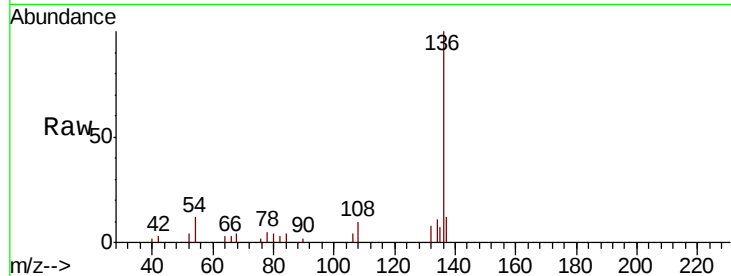




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.84 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

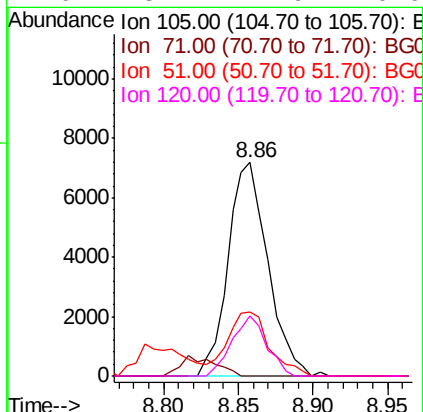
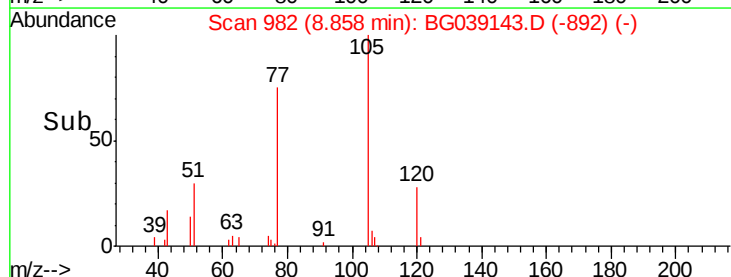
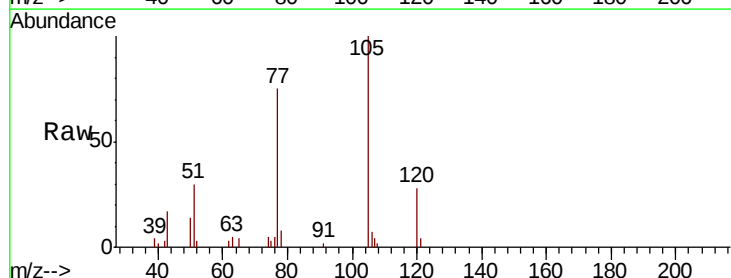
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

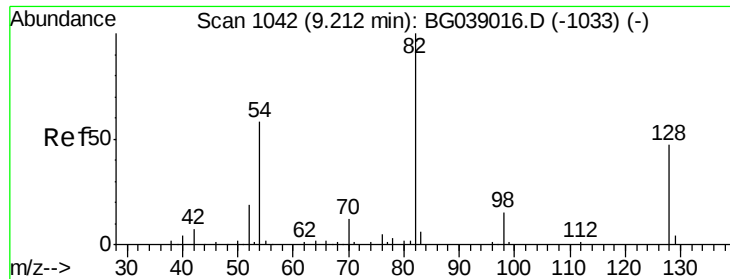
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 14187 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.9  | 9.4   | 14.2  |
| 54       | 12.4  | 7.2   | 10.8# |
| 68       | 3.8   | 3.5   | 5.3   |



#22  
Acetophenone  
Concen: 36.055 ng  
RT: 8.86 min Scan# 982  
Delta R.T. -0.00 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 13358 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.0   | 0.6   | 1.0#  |
| 51       | 30.1  | 26.6  | 39.8  |
| 120      | 28.1  | 17.9  | 26.9# |

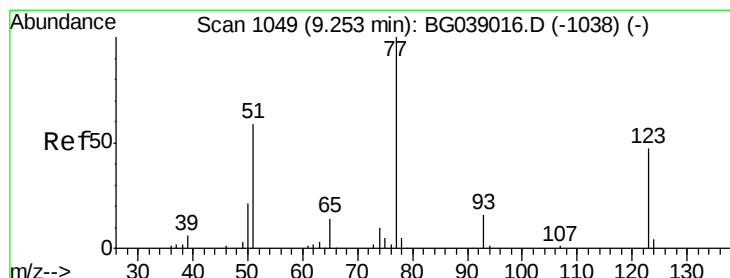
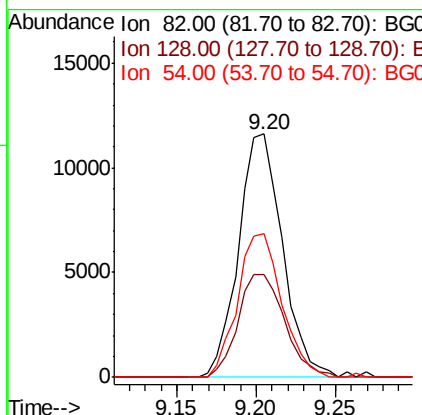
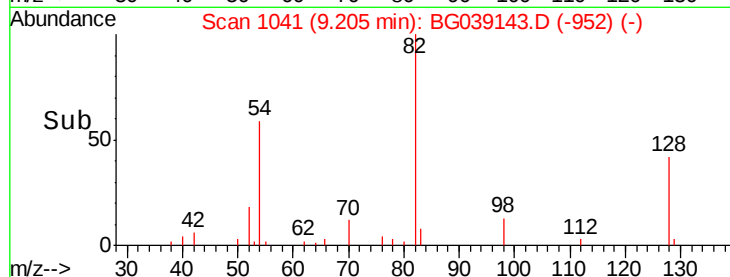
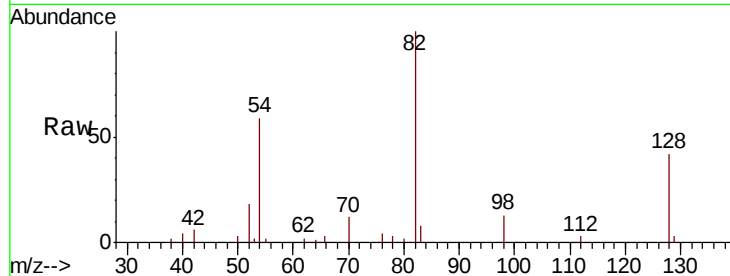




#23  
 Nitrobenzene-d5  
 Concen: 86.251 ng  
 RT: 9.20 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

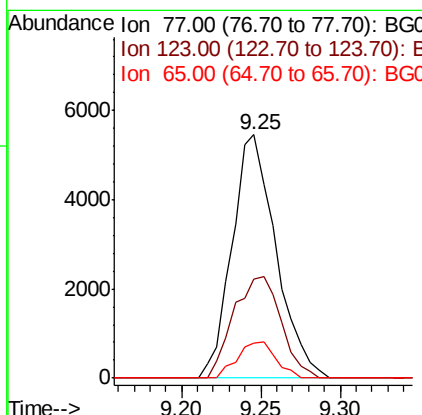
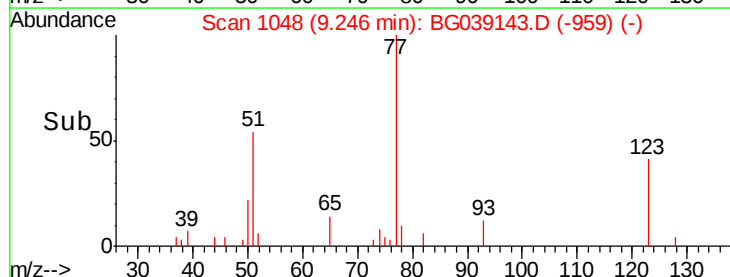
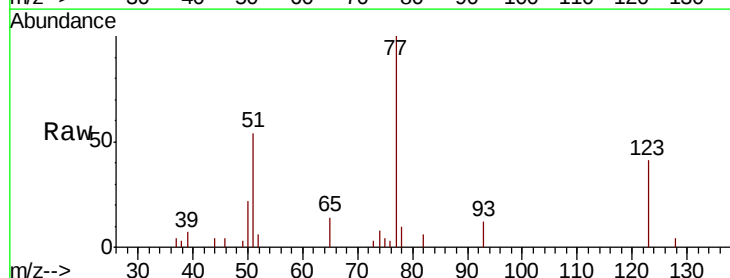
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

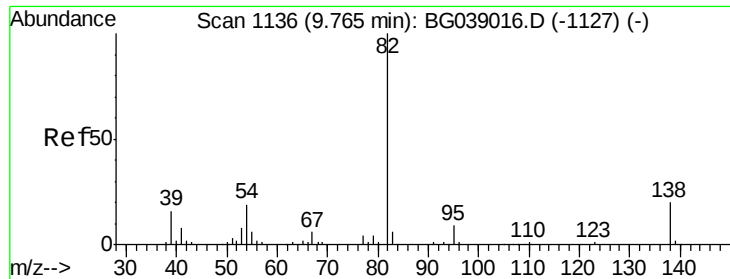
Tgt Ion: 82 Resp: 22362  
 Ion Ratio Lower Upper  
 82 100  
 128 42.2 37.3 55.9  
 54 58.9 46.4 69.6



#24  
 Nitrobenzene  
 Concen: 40.002 ng  
 RT: 9.25 min Scan# 1048  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Tgt Ion: 77 Resp: 10483  
 Ion Ratio Lower Upper  
 77 100  
 123 40.9 37.6 56.4  
 65 14.4 11.0 16.6

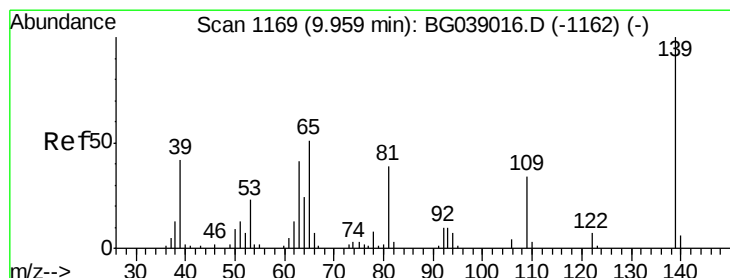
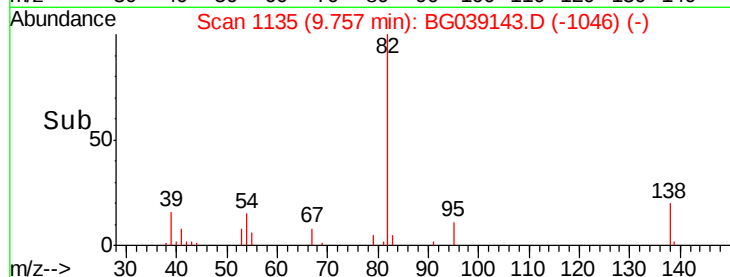
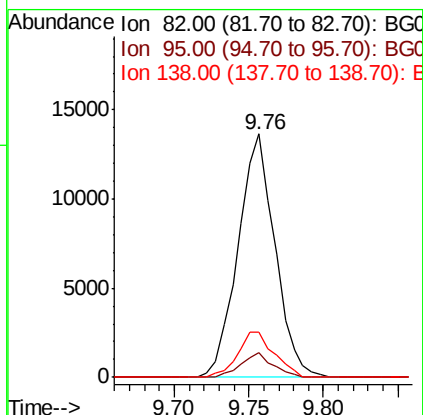
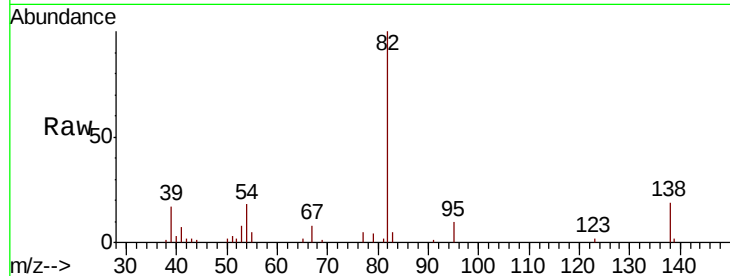




#25  
Isophorone  
Concen: 52.416 ng  
RT: 9.76 min Scan# 1135  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

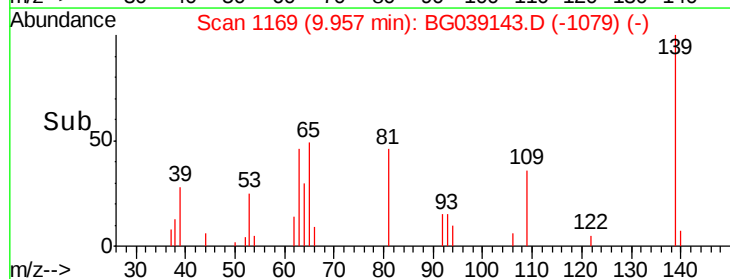
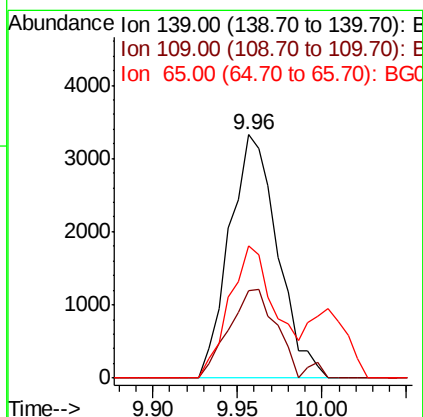
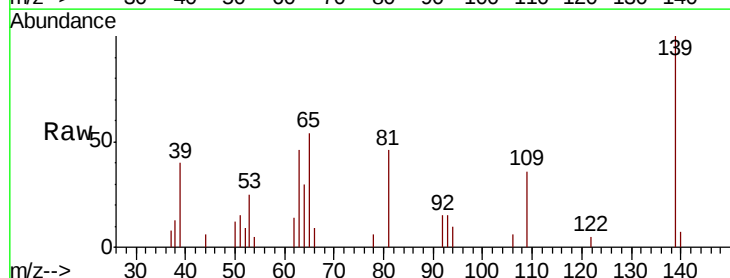
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

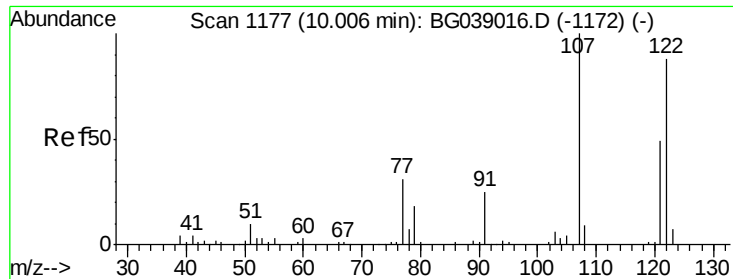
Tgt Ion: 82 Resp: 23409  
Ion Ratio Lower Upper  
82 100  
95 10.2 7.0 10.6  
138 18.5 16.2 24.4



#26  
2-Nitrophenol  
Concen: 46.463 ng  
RT: 9.96 min Scan# 1169  
Delta R.T. -0.00 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Tgt Ion: 139 Resp: 6586  
Ion Ratio Lower Upper  
139 100  
109 35.7 27.3 40.9  
65 54.1 40.6 61.0

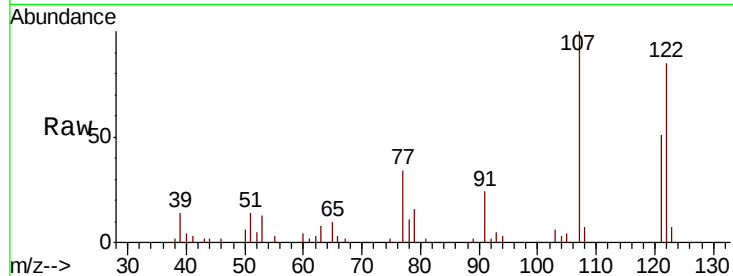




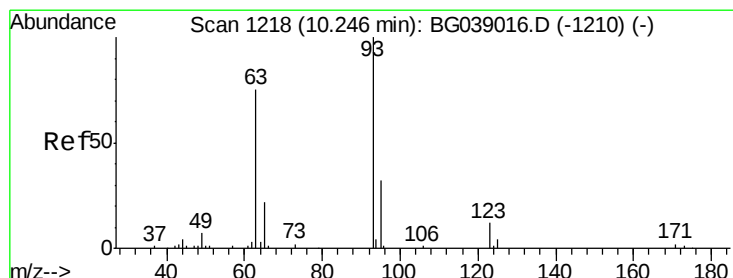
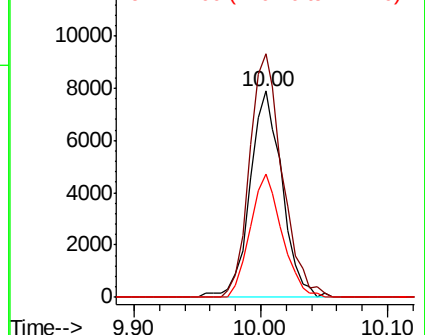
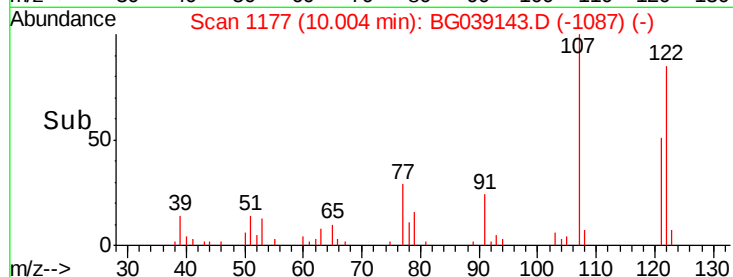
#27  
 2,4-Dimethylphenol  
 Concen: 69.852 ng  
 RT: 10.00 min Scan# 1177  
 Delta R.T. -0.00 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion: 122 Resp: 13930  
 Ion Ratio Lower Upper  
 122 100  
 107 118.2 88.8 133.2  
 121 60.1 43.1 64.7

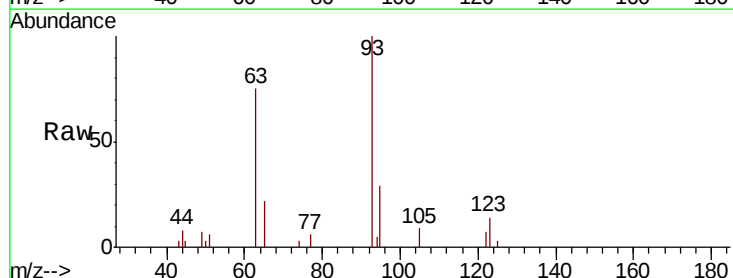


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

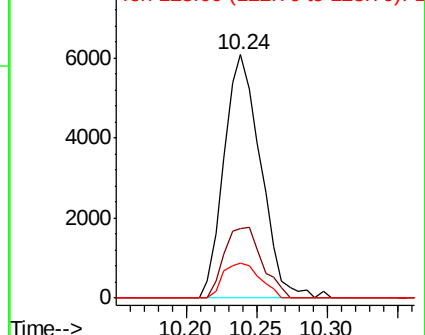
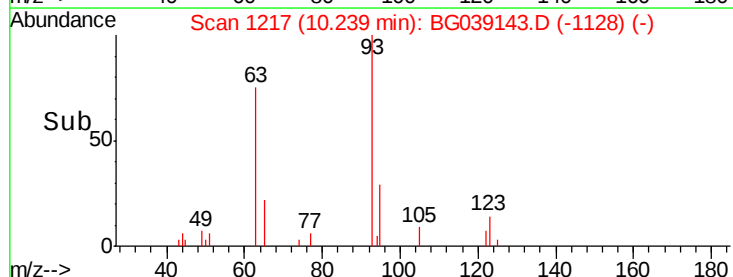


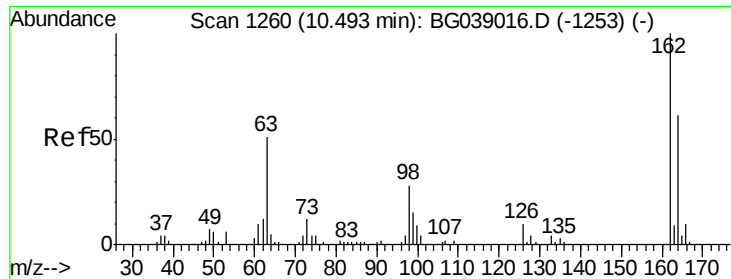
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.165 ng  
 RT: 10.24 min Scan# 1217  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Tgt Ion: 93 Resp: 11049  
 Ion Ratio Lower Upper  
 93 100  
 95 28.7 25.6 38.4  
 123 14.1 10.1 15.1



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

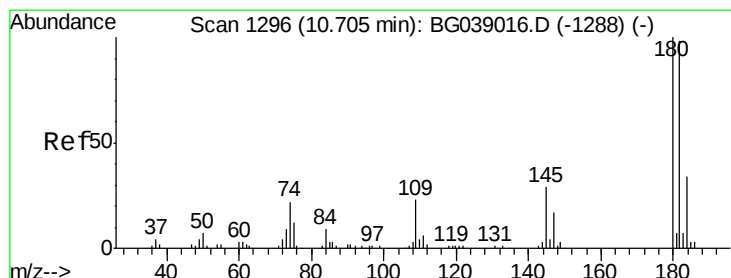
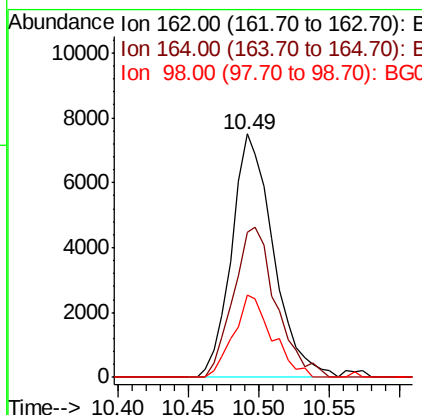
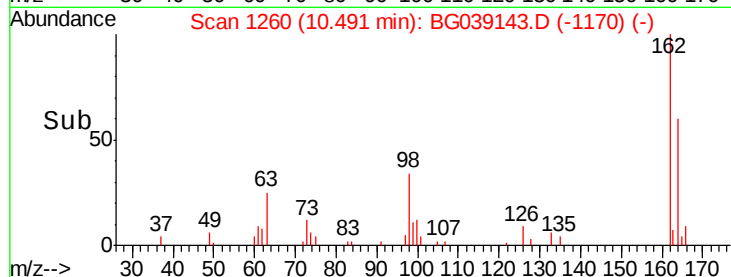
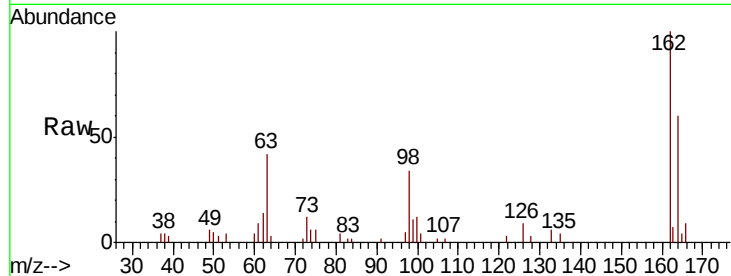




#29  
 2,4-Dichlorophenol  
 Concen: 62.480 ng  
 RT: 10.49 min Scan# 1260  
 Delta R.T. -0.00 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

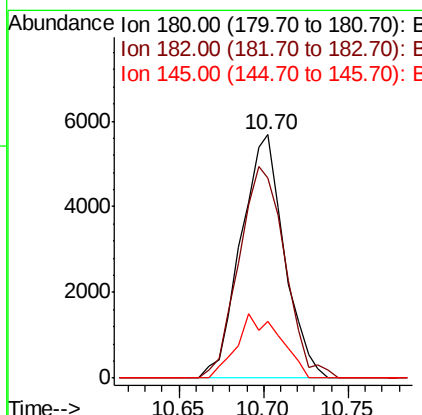
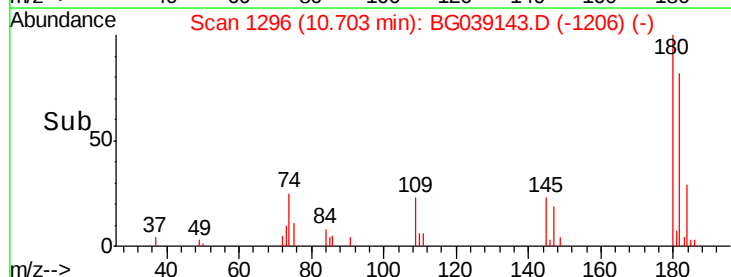
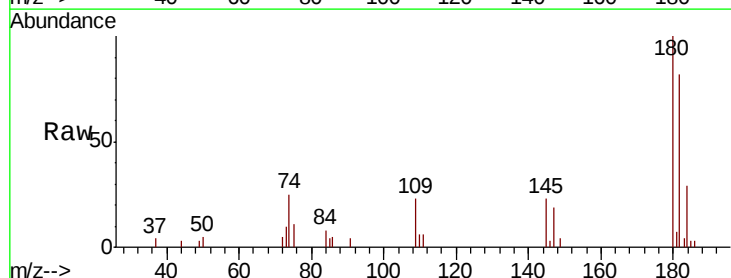
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

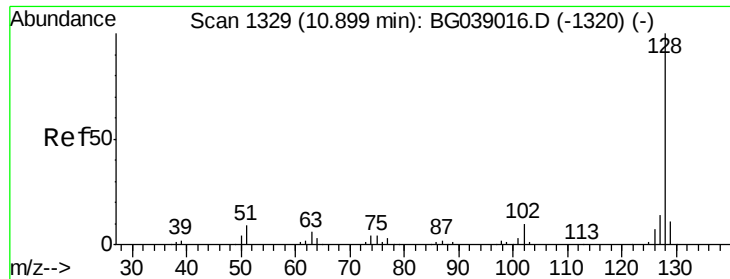
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 15479 |       |       |
| 162     | 100   |       |       |
| 164     | 59.6  | 41.3  | 81.3  |
| 98      | 33.9  | 8.3   | 48.3  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 33.930 ng  
 RT: 10.70 min Scan# 1296  
 Delta R.T. -0.00 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 10100 |       |       |
| 180     | 100   |       |       |
| 182     | 82.4  | 78.1  | 117.1 |
| 145     | 23.5  | 23.1  | 34.7  |

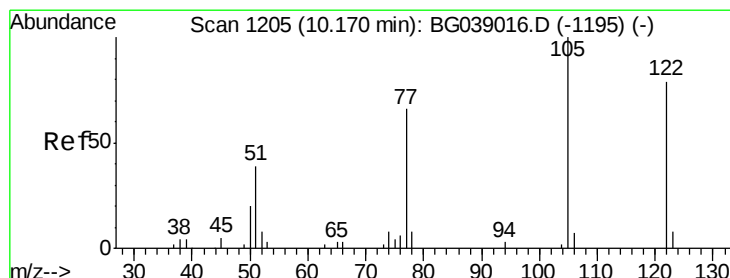
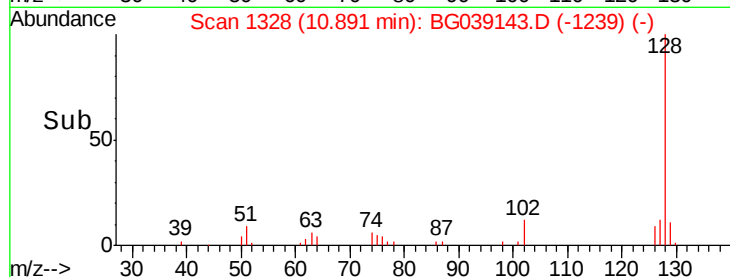
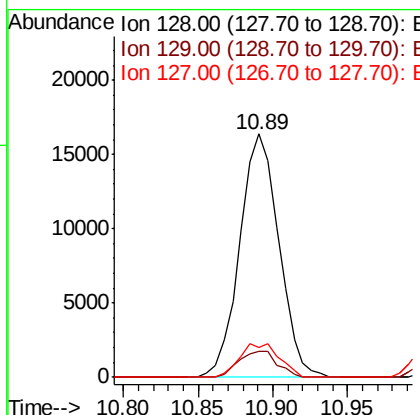
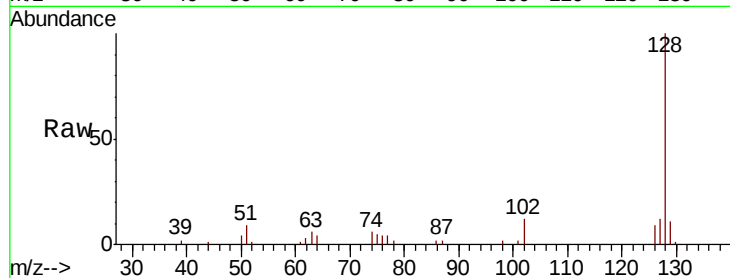




#31  
Naphthalene  
Concen: 41.777 ng  
RT: 10.89 min Scan# 1328  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

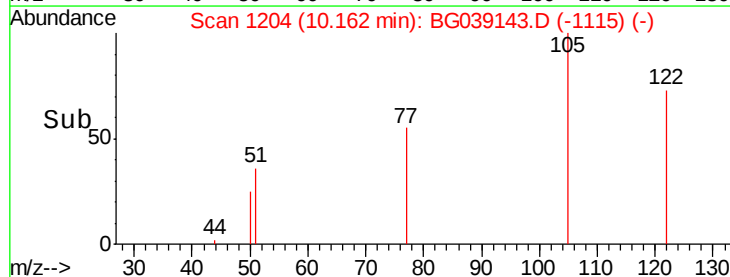
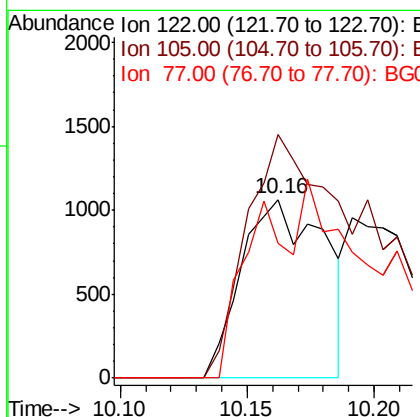
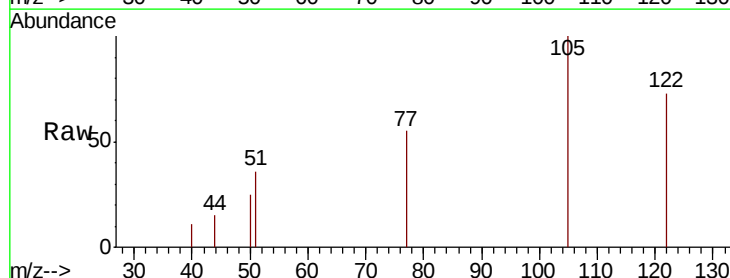
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

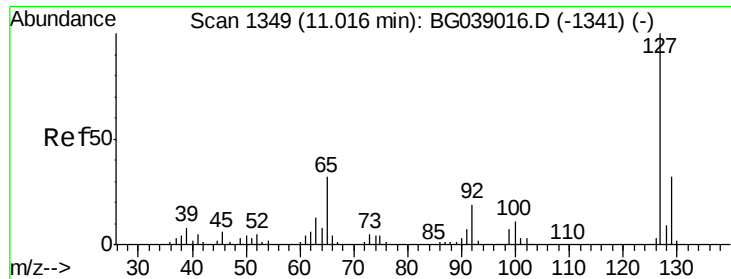
Tgt Ion:128 Resp: 29726  
Ion Ratio Lower Upper  
128 100  
129 10.7 9.1 13.7  
127 12.2 11.2 16.8



#32  
Benzoic acid  
Concen: 25.302 ng  
RT: 10.16 min Scan# 1204  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Tgt Ion:122 Resp: 2421  
Ion Ratio Lower Upper  
122 100  
105 136.4 106.4 146.4  
77 75.4 63.6 103.6

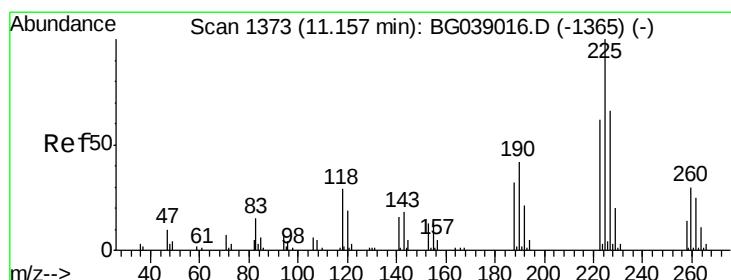
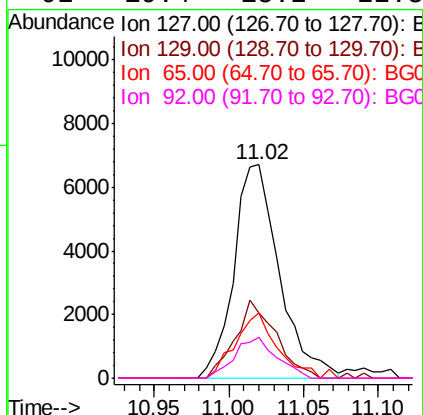
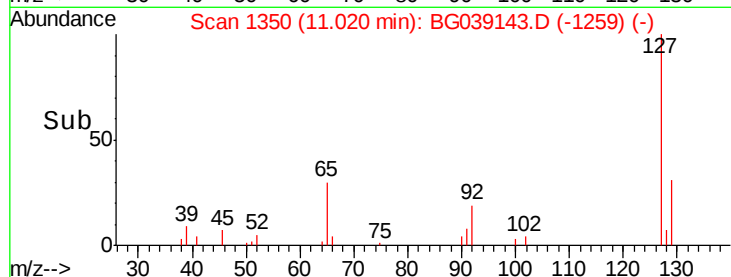
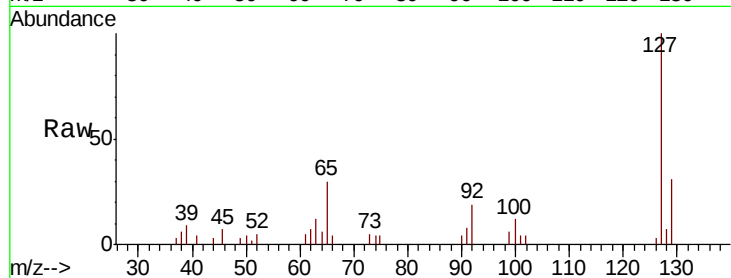




#33  
4-Chloroaniline  
Concen: 44.512 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

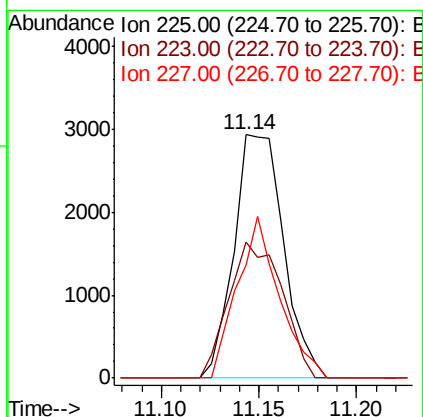
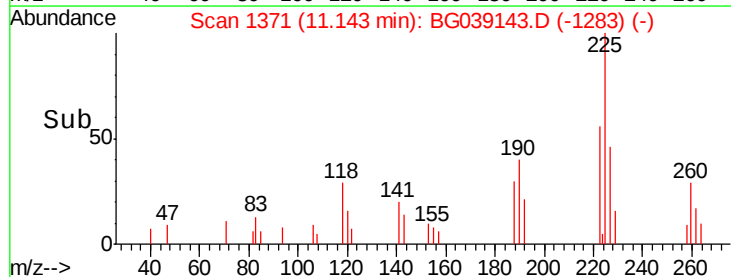
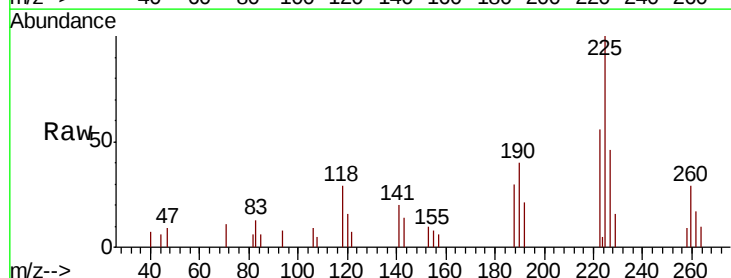
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

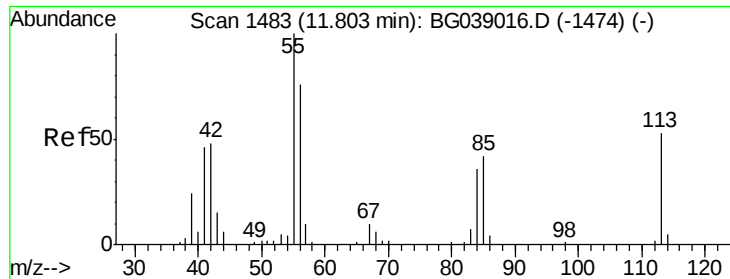
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 14172 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.6  | 25.4  | 38.0  |
| 65       | 30.5  | 25.4  | 38.0  |
| 92       | 19.4  | 15.2  | 22.8  |



#34  
Hexachlorobutadiene  
Concen: 25.246 ng  
RT: 11.14 min Scan# 1371  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 5171  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 55.7  | 50.2  | 75.4  |
| 227      | 46.2  | 53.2  | 79.8# |





#35

Caprolactam

Concen: 127.233 ng

RT: 11.78 min Scan# 1479

Delta R.T. -0.03 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

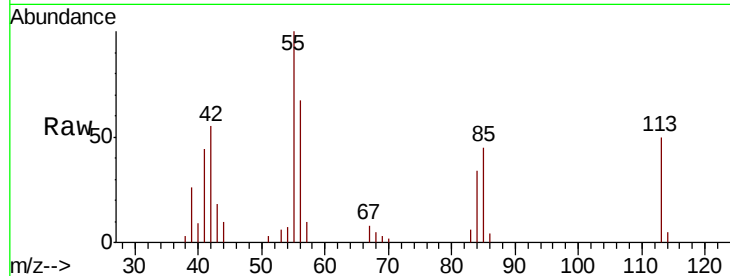
Tgt Ion:113 Resp: 12640

Ion Ratio Lower Upper

113 100

55 198.6 168.6 208.6

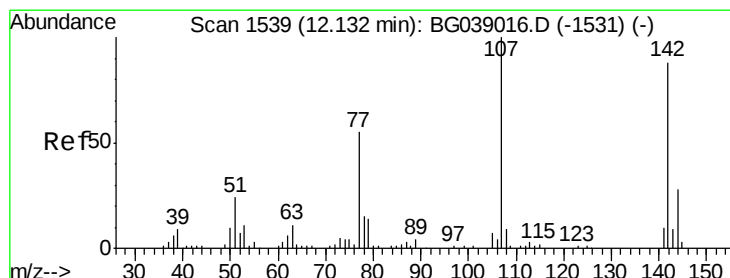
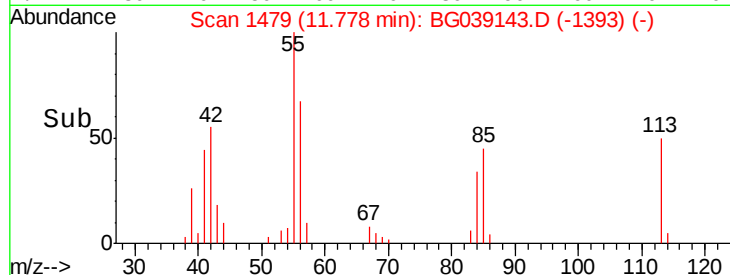
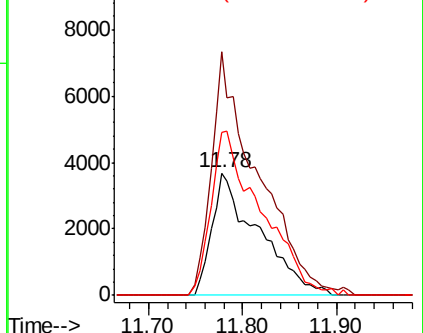
56 133.0 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 85.377 ng

RT: 12.12 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

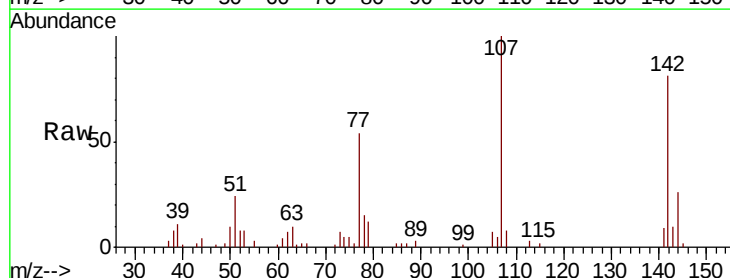
Tgt Ion:107 Resp: 22623

Ion Ratio Lower Upper

107 100

144 25.6 22.6 34.0

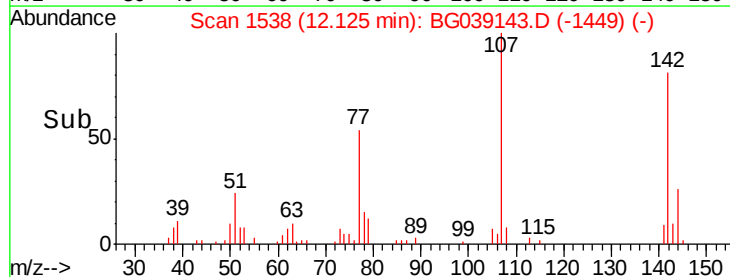
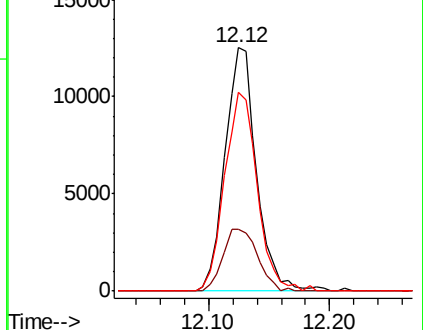
142 81.5 70.2 105.4

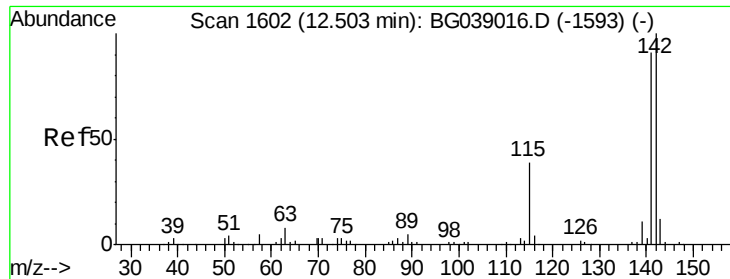


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

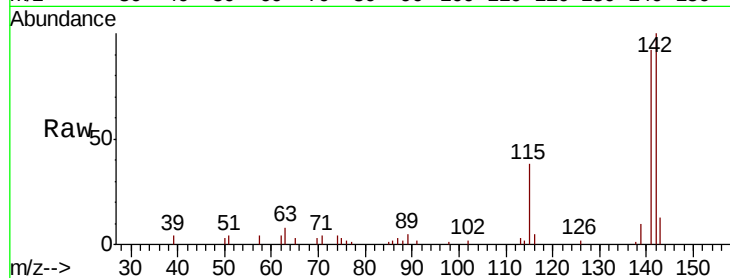




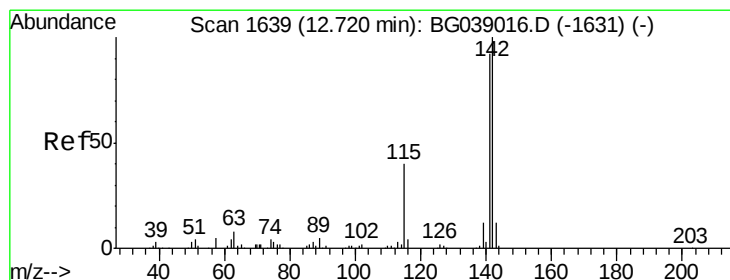
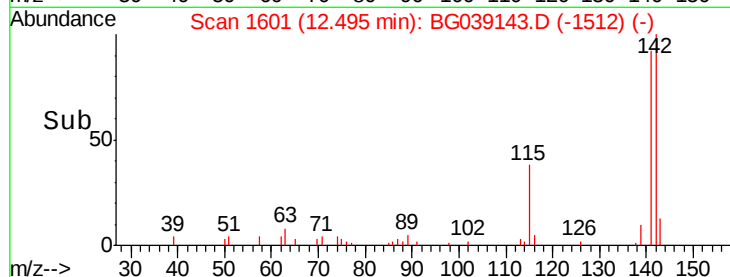
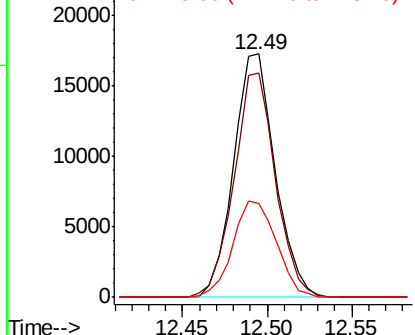
#37  
 2-Methylnaphthalene  
 Concen: 55.328 ng  
 RT: 12.49 min Scan# 1601  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:142 Resp: 29516  
 Ion Ratio Lower Upper  
 142 100  
 141 92.2 72.6 109.0  
 115 38.3 31.1 46.7

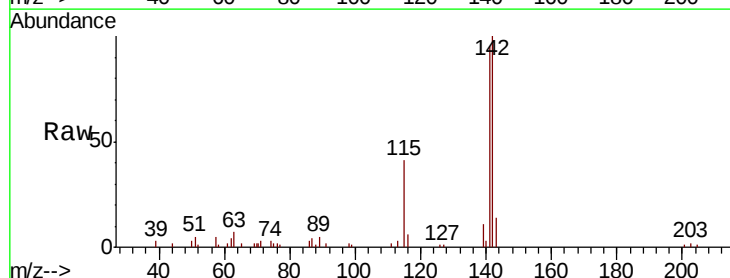


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

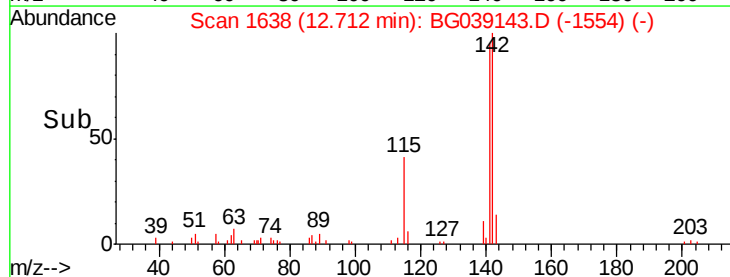
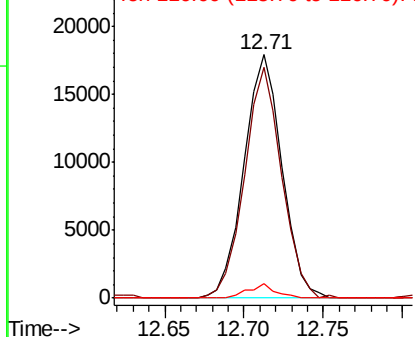


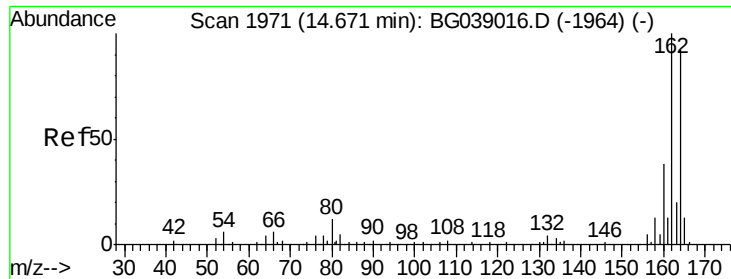
#38  
 1-Methylnaphthalene  
 Concen: 58.116 ng  
 RT: 12.71 min Scan# 1638  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Tgt Ion:142 Resp: 29758  
 Ion Ratio Lower Upper  
 142 100  
 141 94.6 73.3 109.9  
 116 6.1 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: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

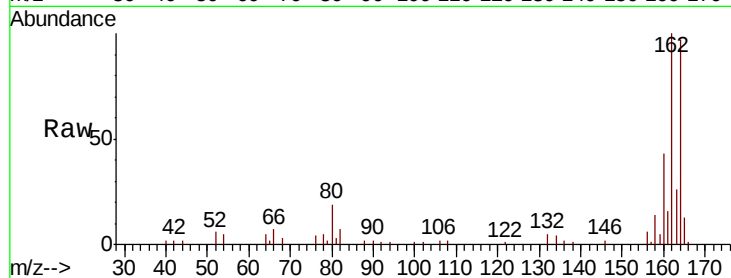
Tgt Ion:164 Resp: 24886

Ion Ratio Lower Upper

164 100

162 103.0 87.2 130.8

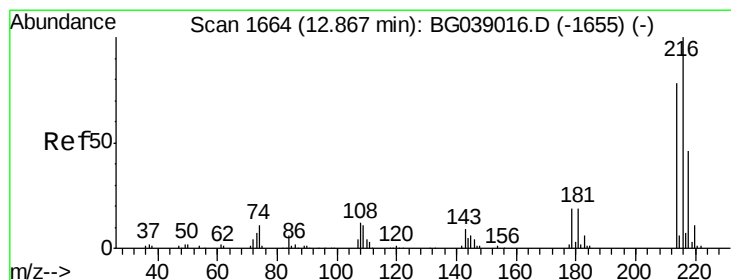
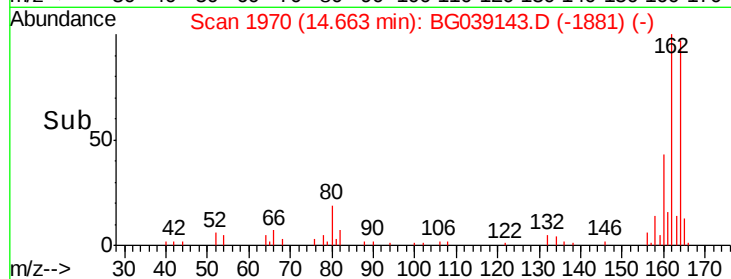
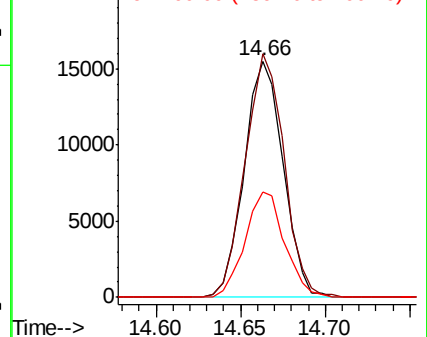
160 44.8 33.3 49.9



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: 21.351 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tgt Ion:216 Resp: 19955

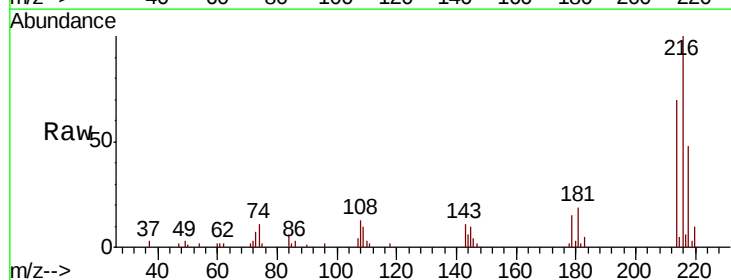
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 19.9 15.5 23.3

108 13.6 11.4 17.2

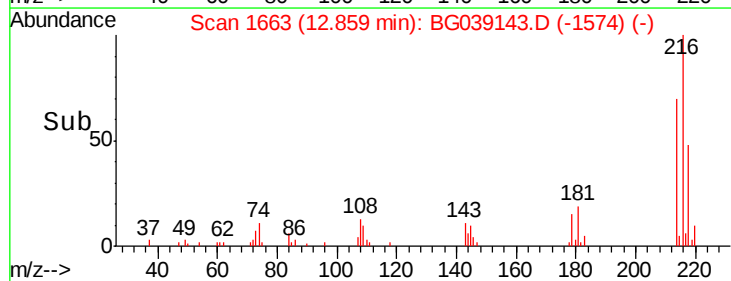
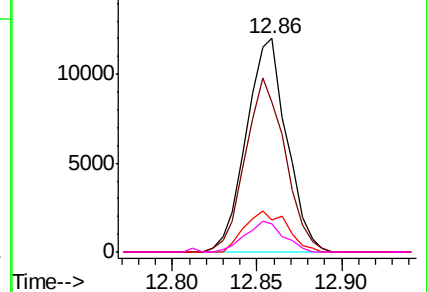


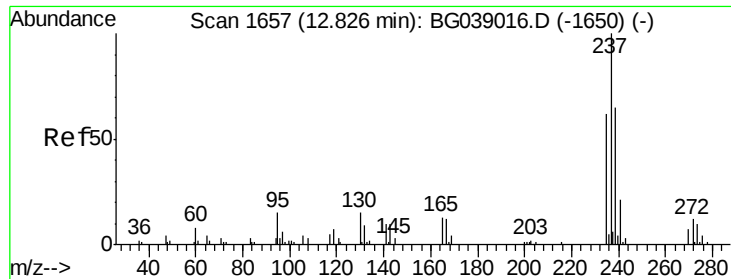
Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.042 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

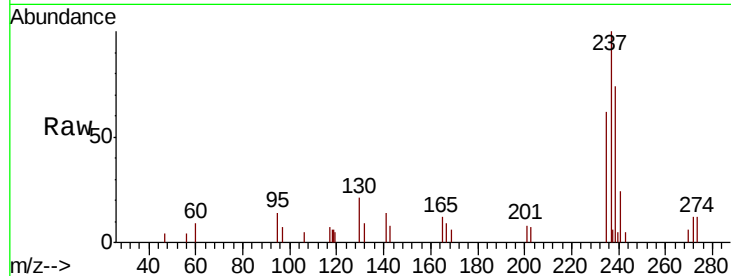
Tgt Ion: 237 Resp: 6412

Ion Ratio Lower Upper

237 100

235 62.0 41.7 81.7

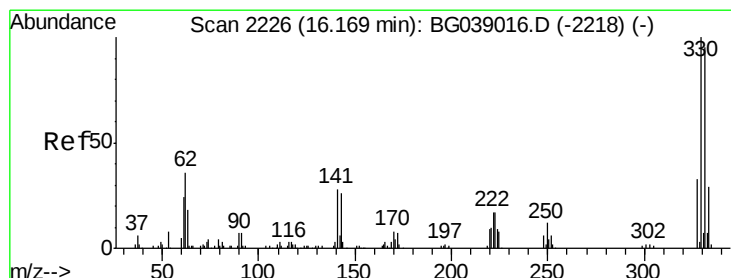
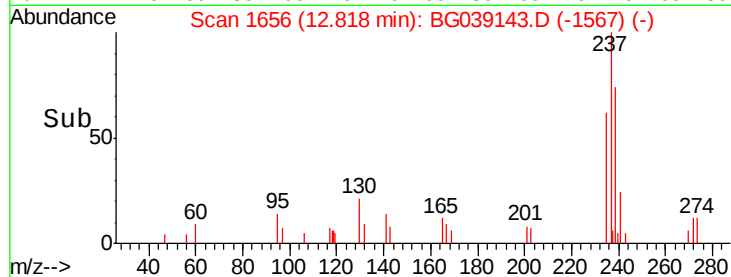
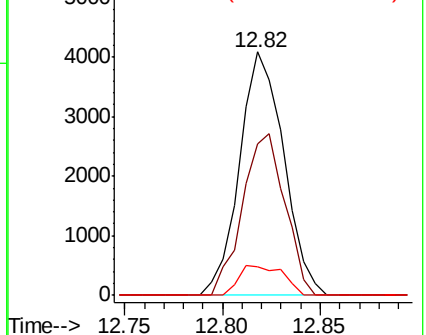
272 11.5 0.0 32.1



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: 197.108 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

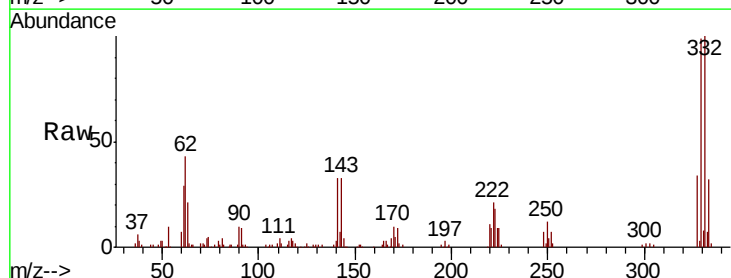
Tgt Ion: 330 Resp: 82225

Ion Ratio Lower Upper

330 100

332 98.4 75.7 113.5

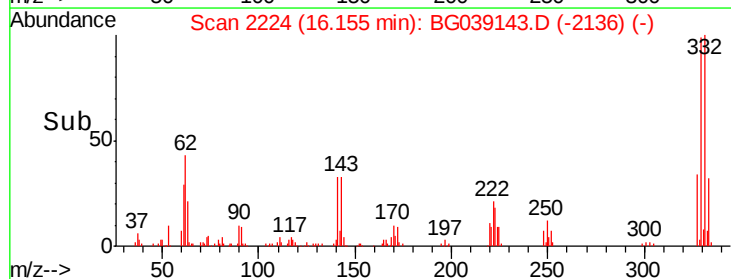
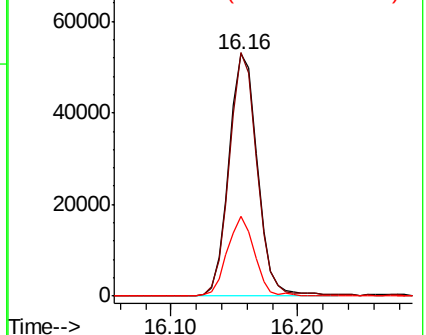
141 31.7 24.9 37.3

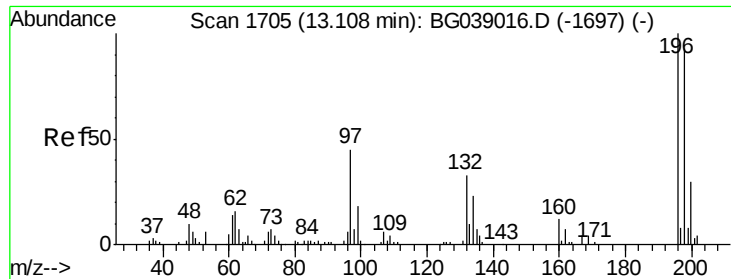


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

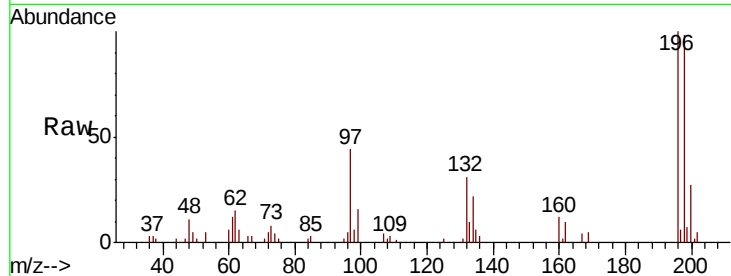




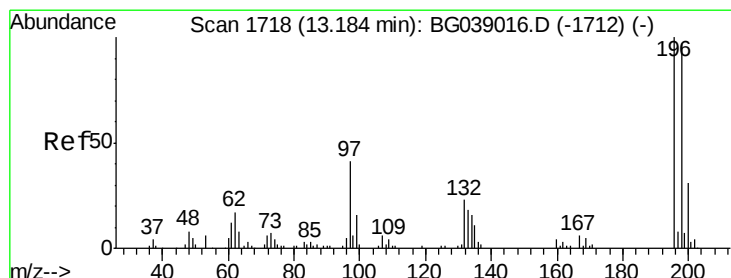
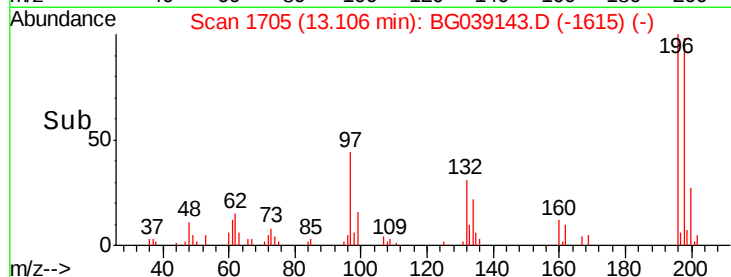
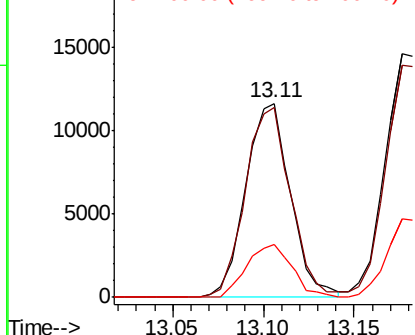
#43  
 2,4,6-Trichlorophenol  
 Concen: 34.011 ng  
 RT: 13.11 min Scan# 1705  
 Delta R.T. -0.00 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:196 Resp: 20006  
 Ion Ratio Lower Upper  
 196 100  
 198 97.7 74.5 111.7  
 200 27.0 23.8 35.6



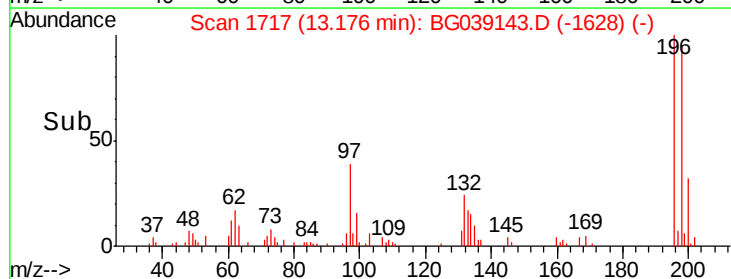
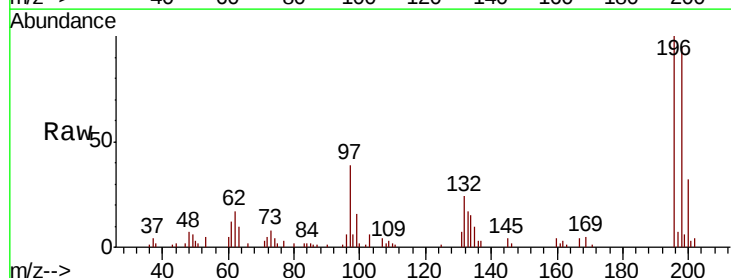
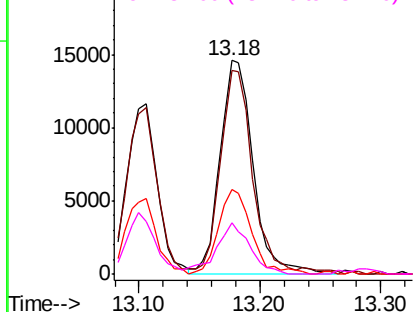
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

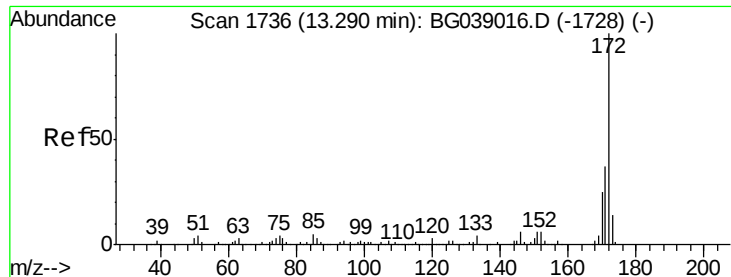


#44  
 2,4,5-Trichlorophenol  
 Concen: 44.648 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Tgt Ion:196 Resp: 27758  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 78.1 117.1  
 97 39.4 33.2 49.8  
 132 24.0 18.2 27.4

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

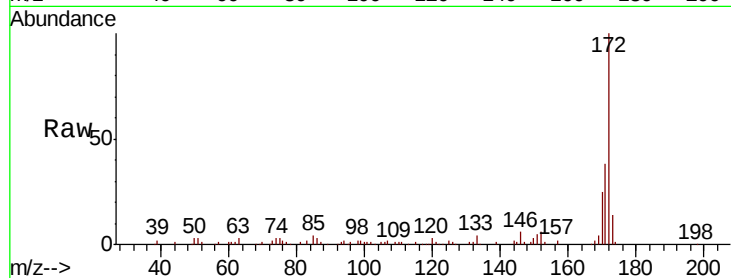




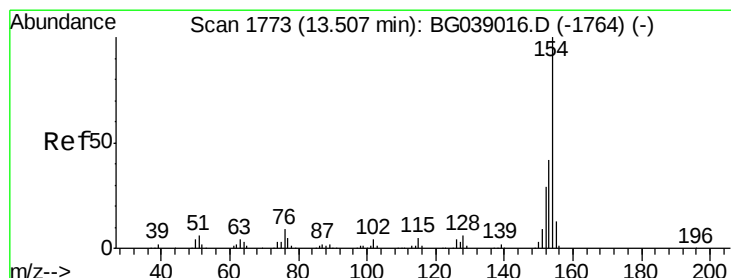
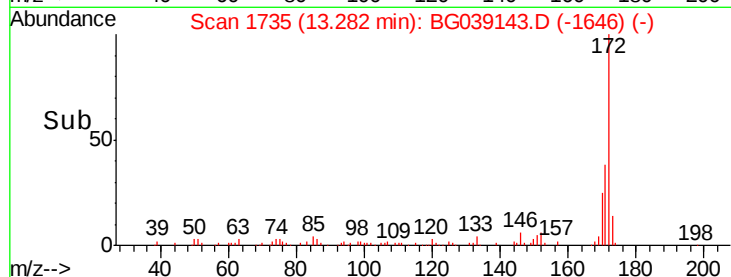
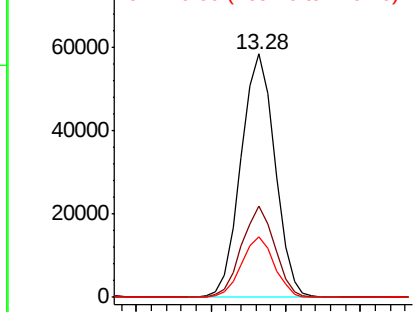
#45  
2-Fluorobiphenyl  
Concen: 50.681 ng  
RT: 13.28 min Scan# 1735  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:172 Resp: 92158  
Ion Ratio Lower Upper  
172 100  
171 37.5 29.4 44.0  
170 24.8 20.1 30.1

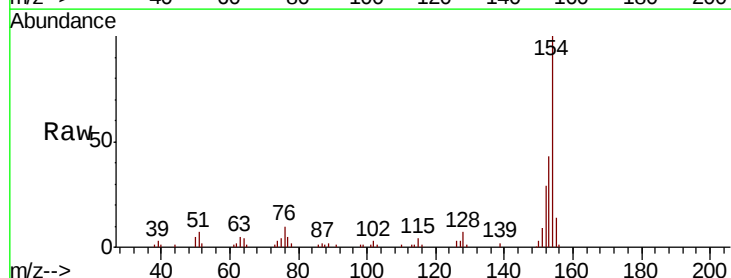


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

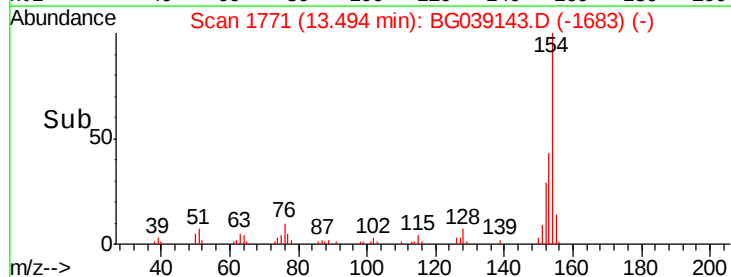
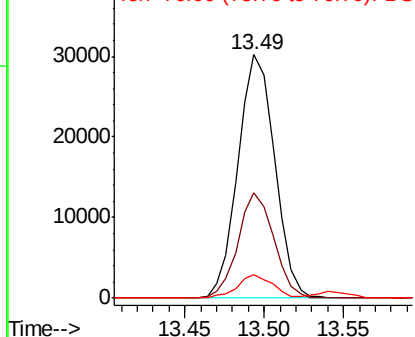


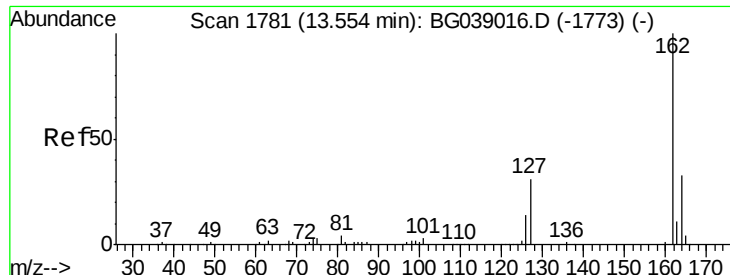
#46  
1,1'-Biphenyl  
Concen: 24.691 ng  
RT: 13.49 min Scan# 1771  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Tgt Ion:154 Resp: 48688  
Ion Ratio Lower Upper  
154 100  
153 43.4 22.4 62.4  
76 9.7 0.0 29.4



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

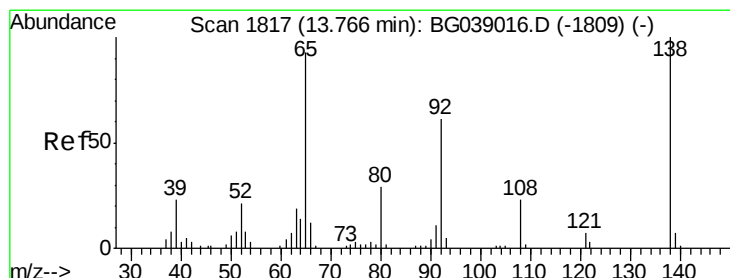
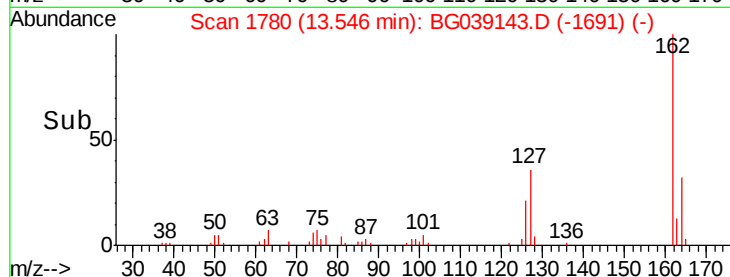
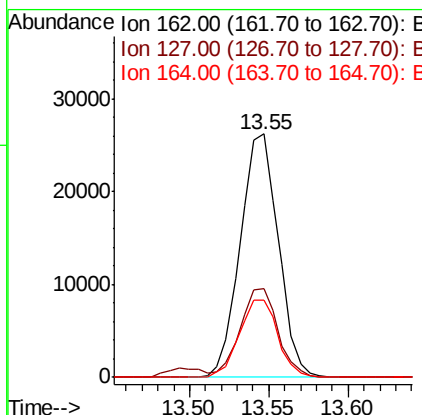
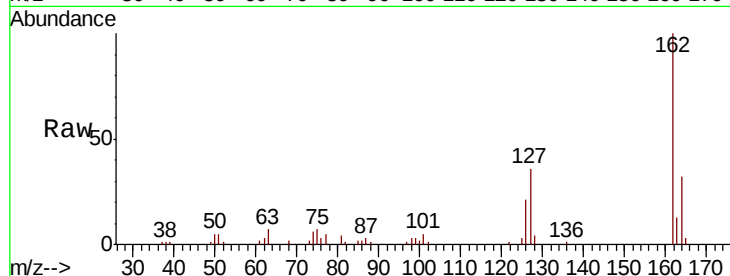




#47  
 2-Chloronaphthalene  
 Concen: 27.434 ng  
 RT: 13.55 min Scan# 1780  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

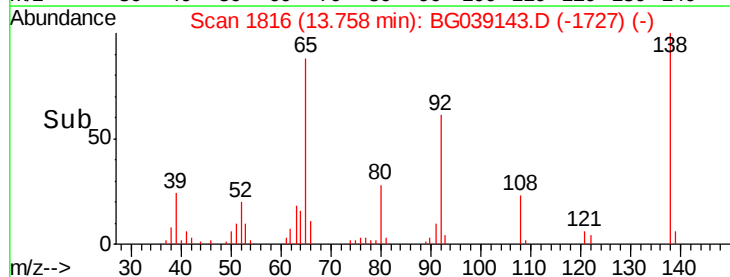
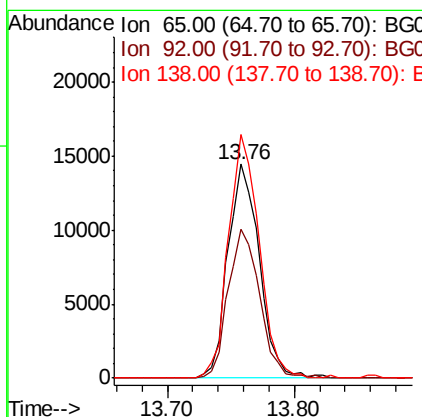
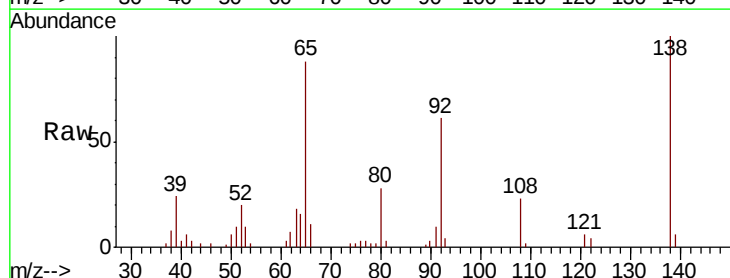
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

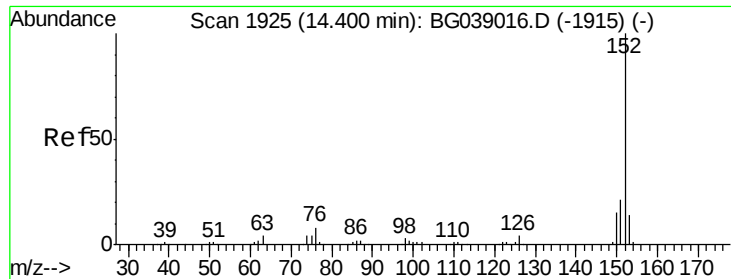
Tgt Ion: 162 Resp: 43777  
 Ion Ratio Lower Upper  
 162 100  
 127 36.2 28.4 42.6  
 164 31.9 26.3 39.5



#48  
 2-Nitroaniline  
 Concen: 55.446 ng  
 RT: 13.76 min Scan# 1816  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Tgt Ion: 65 Resp: 24787  
 Ion Ratio Lower Upper  
 65 100  
 92 69.6 52.2 78.4  
 138 113.9 86.0 129.0





#49

Acenaphthylene

Concen: 44.388 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

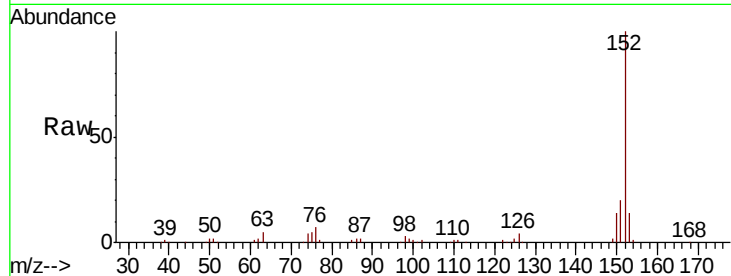
Tgt Ion:152 Resp: 106463

Ion Ratio Lower Upper

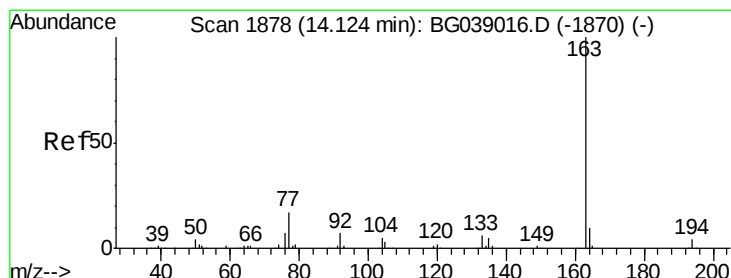
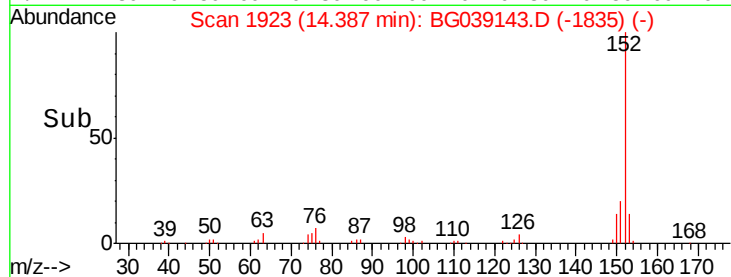
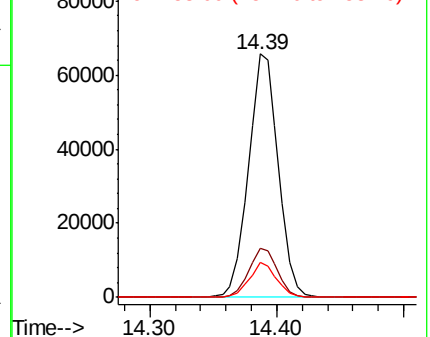
152 100

151 19.9 17.0 25.4

153 14.3 11.2 16.8



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



#50

Dimethylphthalate

Concen: 62.214 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

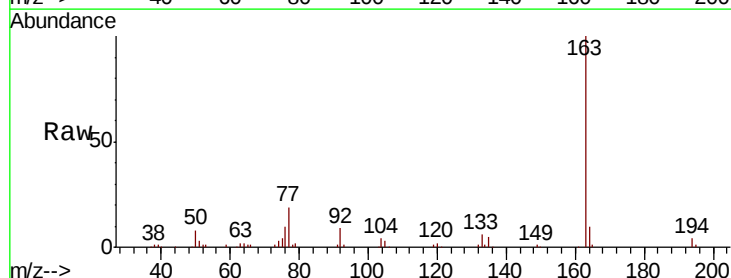
Tgt Ion:163 Resp: 130835

Ion Ratio Lower Upper

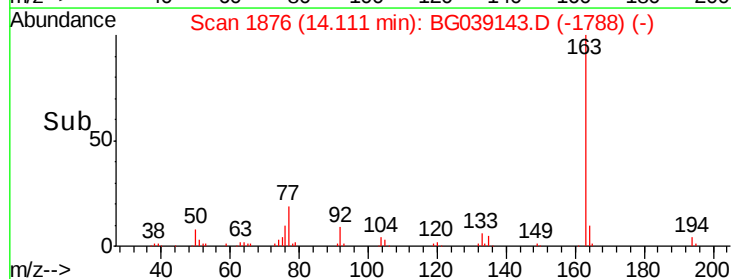
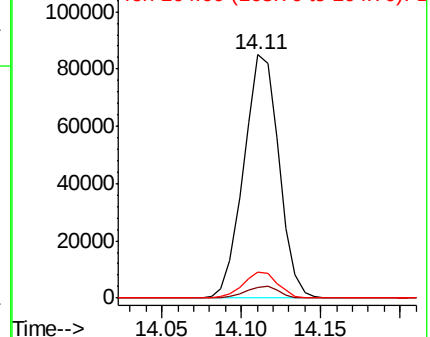
163 100

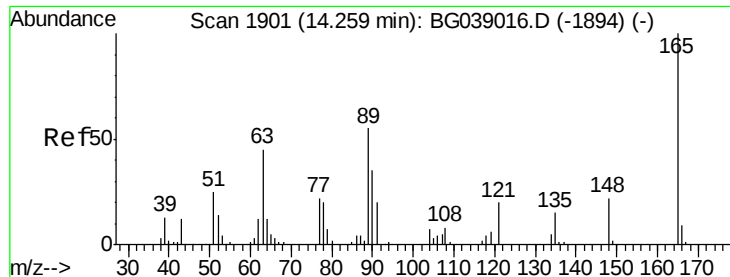
194 4.4 3.6 5.4

164 10.5 8.2 12.2



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

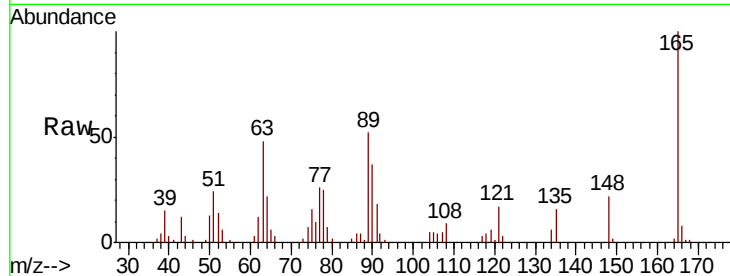




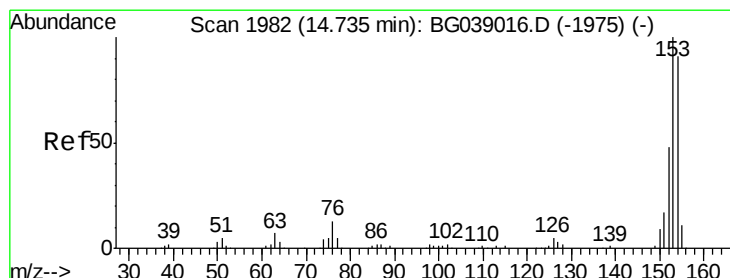
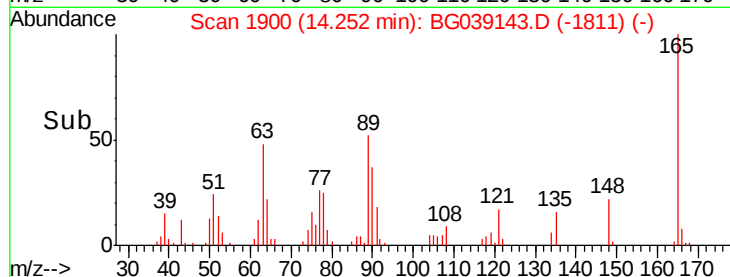
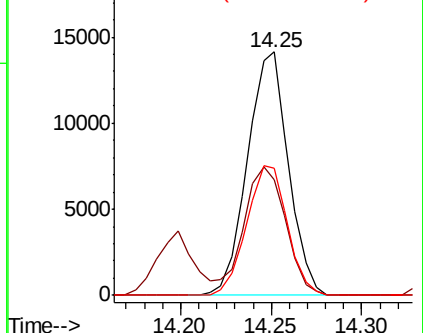
#51  
 2,6-Dinitrotoluene  
 Concen: 47.306 ng  
 RT: 14.25 min Scan# 1900  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:165 Resp: 22242  
 Ion Ratio Lower Upper  
 165 100  
 63 47.5 43.6 65.4  
 89 52.4 43.7 65.5

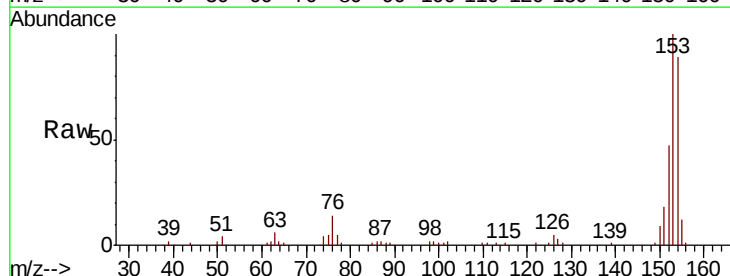


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 89.00 (88.70 to 89.70): BGC

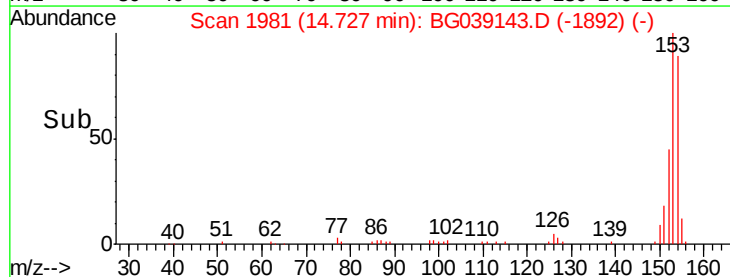
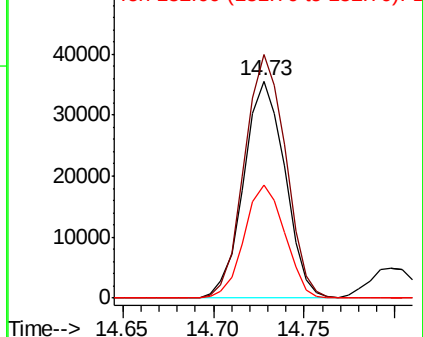


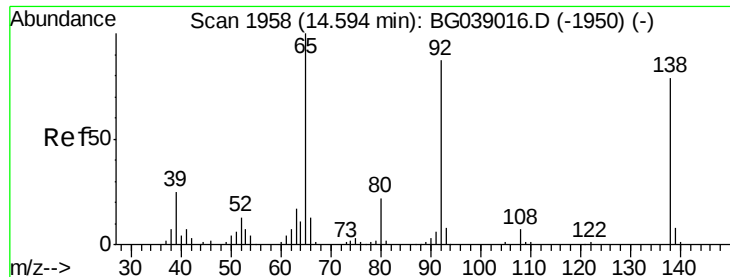
#52  
 Acenaphthene  
 Concen: 38.960 ng  
 RT: 14.73 min Scan# 1981  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Tgt Ion:154 Resp: 56144  
 Ion Ratio Lower Upper  
 154 100  
 153 112.3 87.9 131.9  
 152 52.3 42.2 63.2



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: 49.715 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

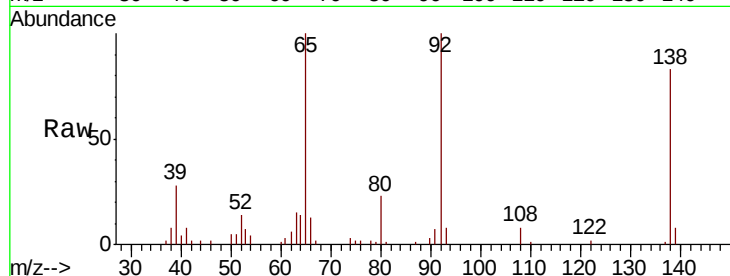
Tgt Ion:138 Resp: 23712

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

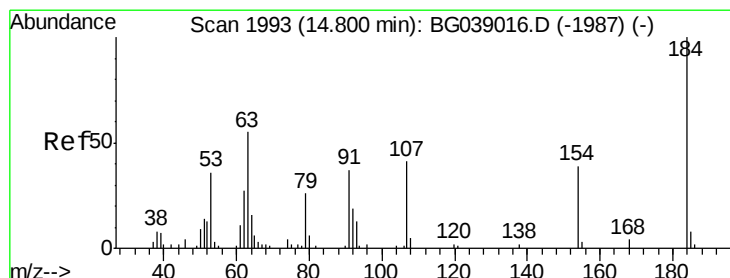
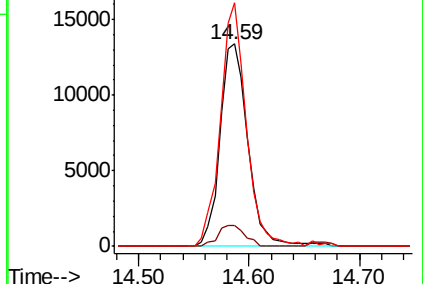
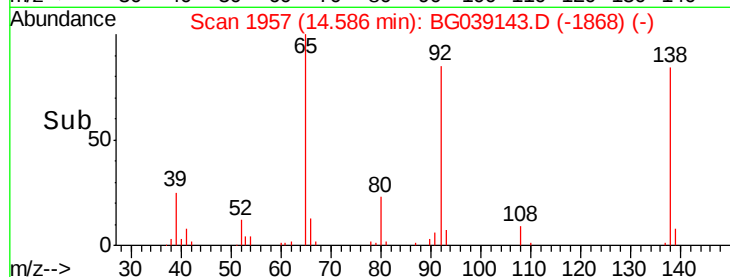
92 120.2 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 62.660 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

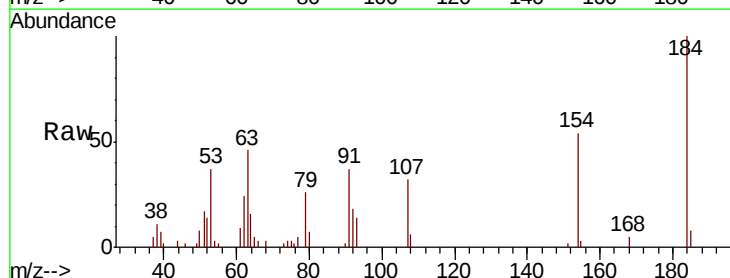
Tgt Ion:184 Resp: 17262

Ion Ratio Lower Upper

184 100

63 45.8 44.0 66.0

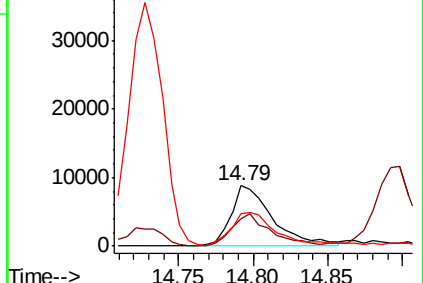
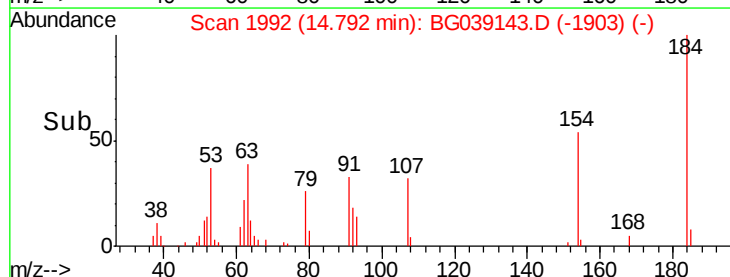
154 54.1 46.1 69.1

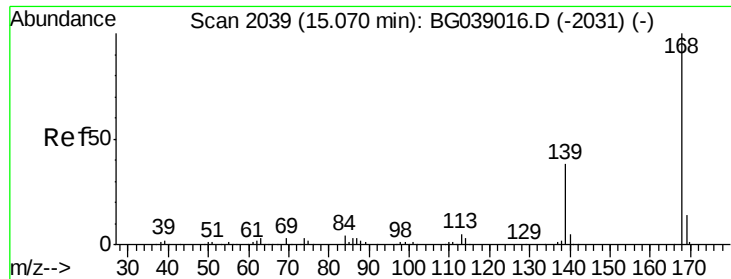


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 44.546 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

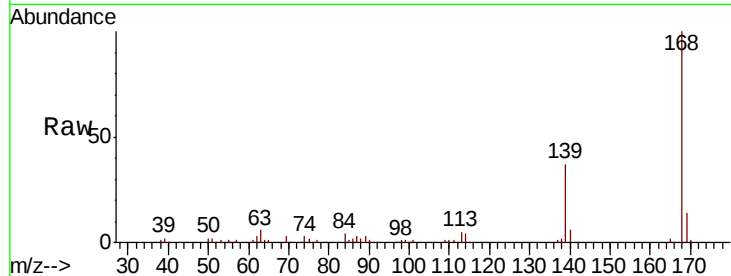
Tgt Ion:168 Resp: 113373

Ion Ratio Lower Upper

168 100

139 37.0 30.1 45.1

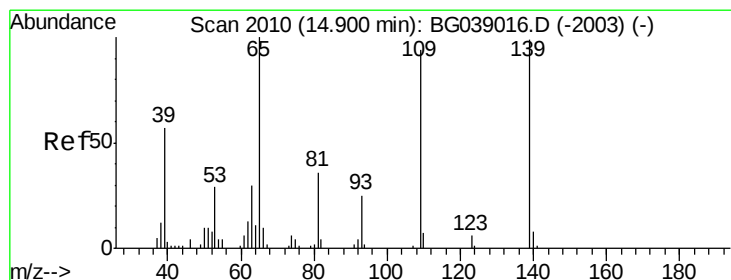
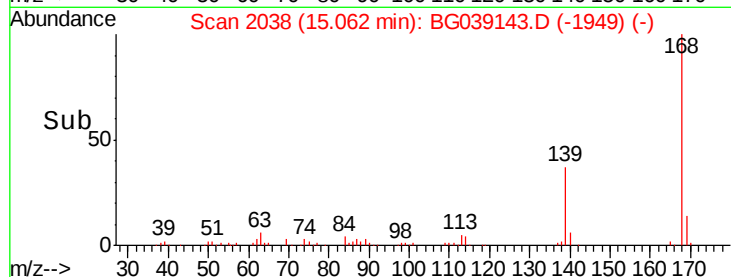
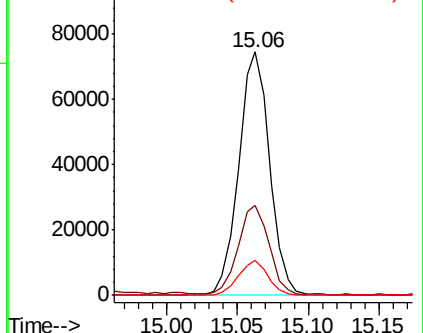
169 14.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 203.713 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

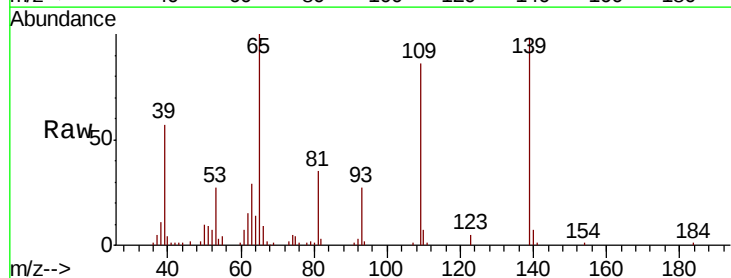
Tgt Ion:139 Resp: 69911

Ion Ratio Lower Upper

139 100

109 87.3 75.6 115.6

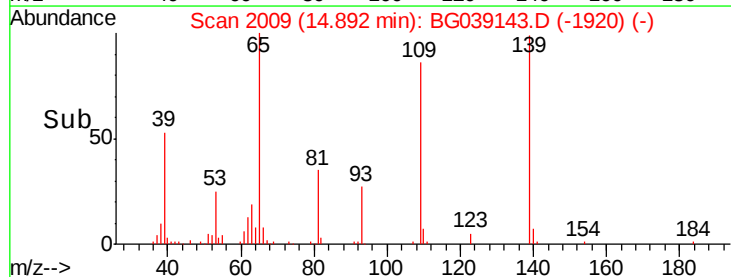
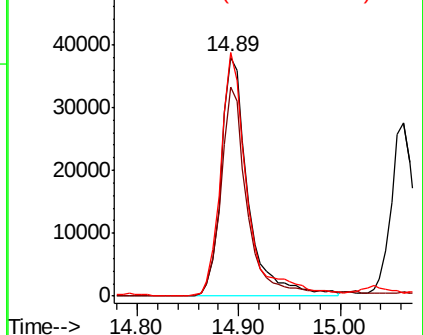
65 101.8 81.2 121.2

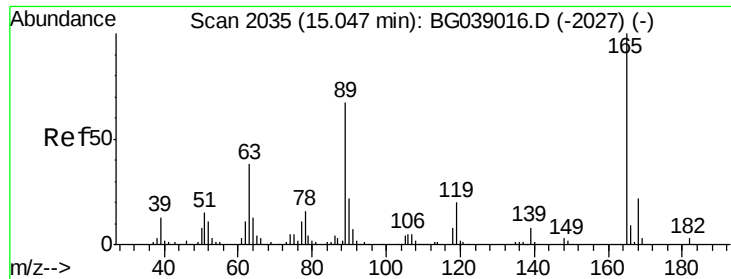


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

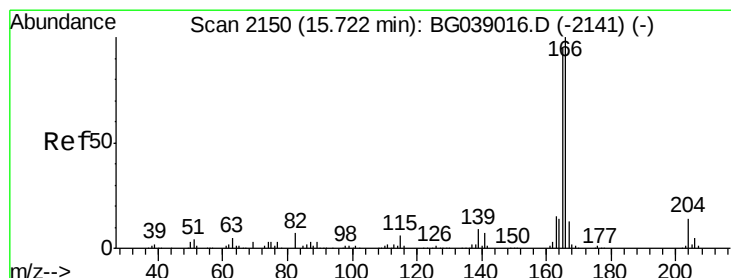
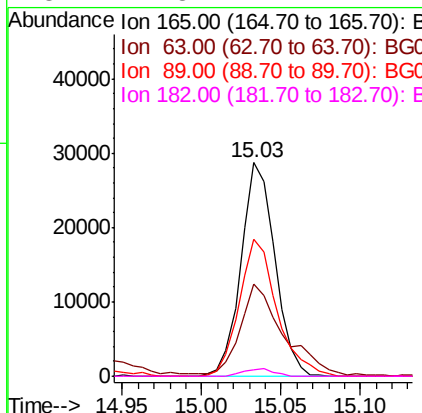
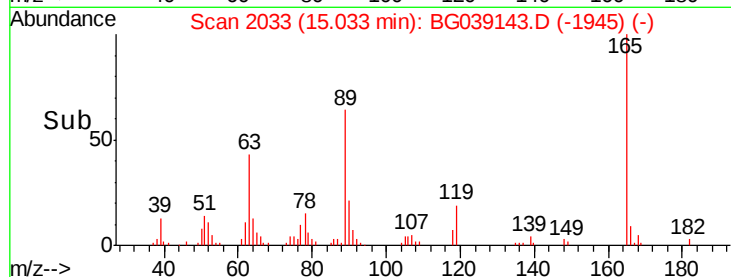
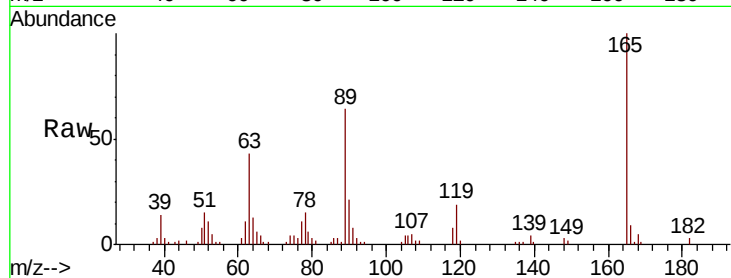




#57  
2,4-Dinitrotoluene  
Concen: 63.203 ng  
RT: 15.03 min Scan# 2033  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

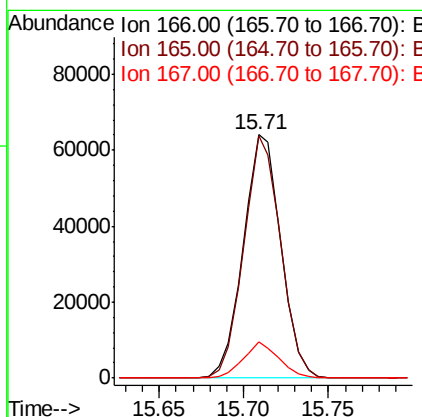
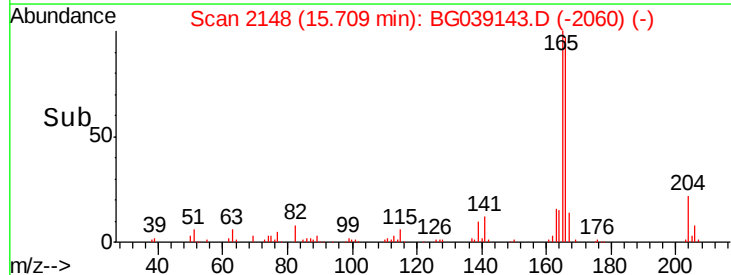
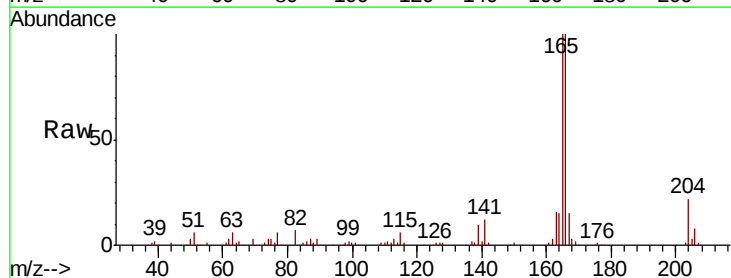
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

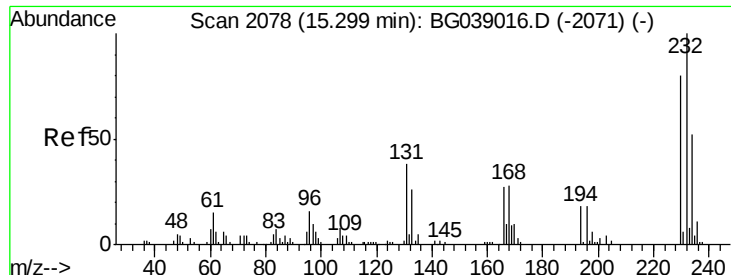
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.1  | 30.2  | 45.4  |
| 89      | 63.9  | 53.2  | 79.8  |
| 182     | 2.8   | 2.7   | 4.1   |



#58  
Fluorene  
Concen: 51.669 ng  
RT: 15.71 min Scan# 2148  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.5  | 76.2  | 114.2 |
| 167     | 14.8  | 10.6  | 16.0  |

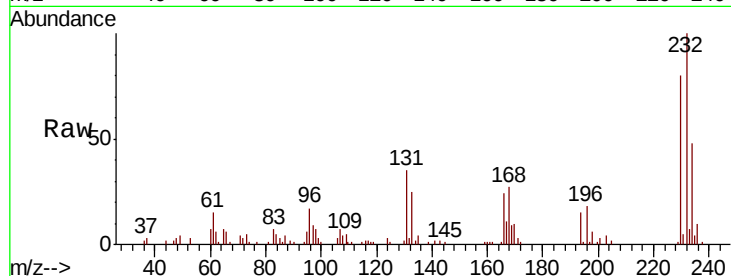




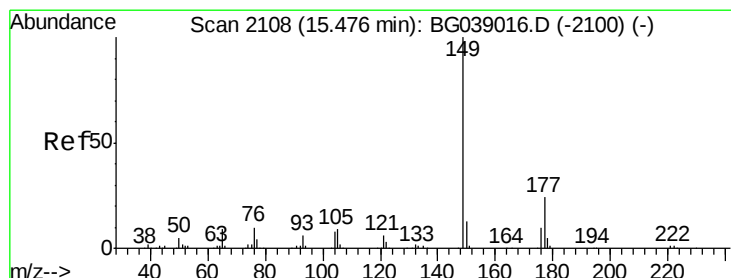
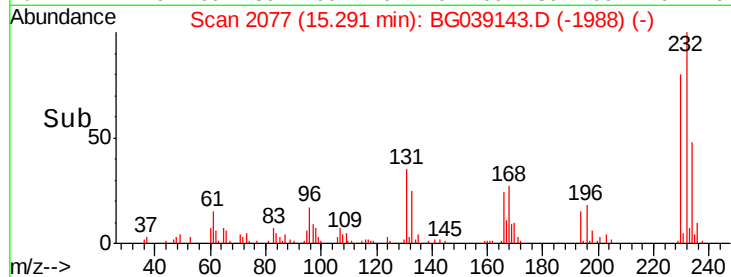
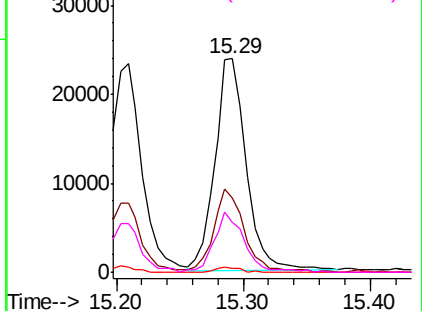
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 69.551 ng  
RT: 15.29 min Scan# 2077  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 40817 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 39.2  | 30.9  | 46.3  |
| 130      | 2.1   | 1.9   | 2.9   |
| 166      | 27.8  | 22.1  | 33.1  |

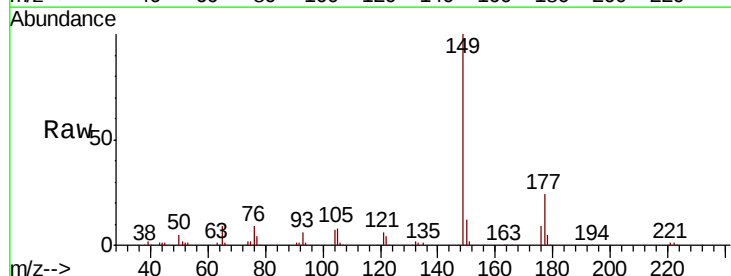


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

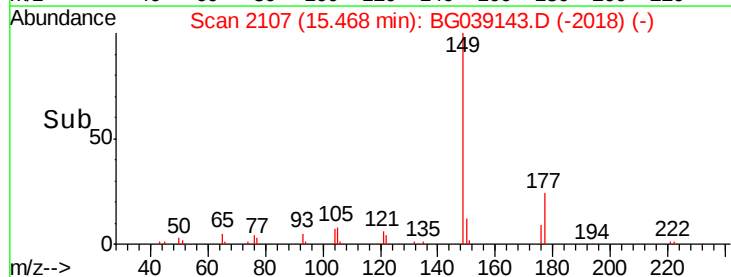
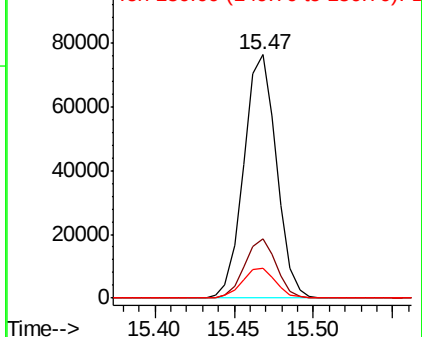


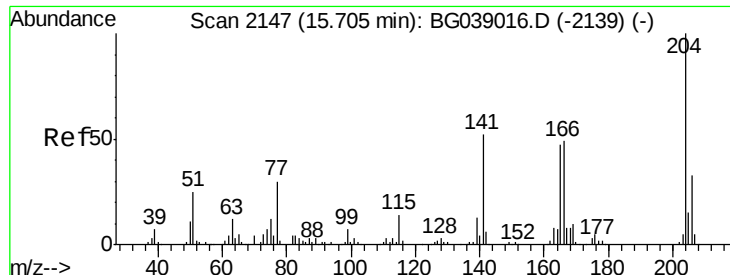
#60  
Diethylphthalate  
Concen: 50.326 ng  
RT: 15.47 min Scan# 2107  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 109043 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.4  | 19.0  | 28.6   |
| 150      | 12.3  | 10.2  | 15.4   |



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

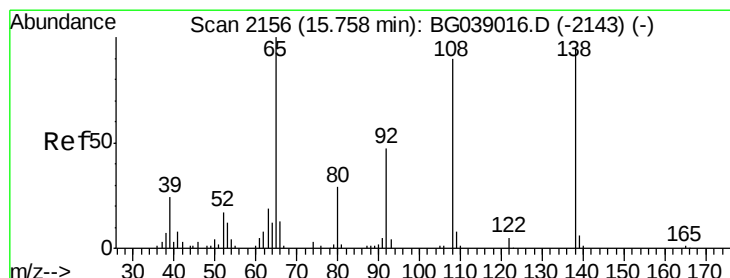
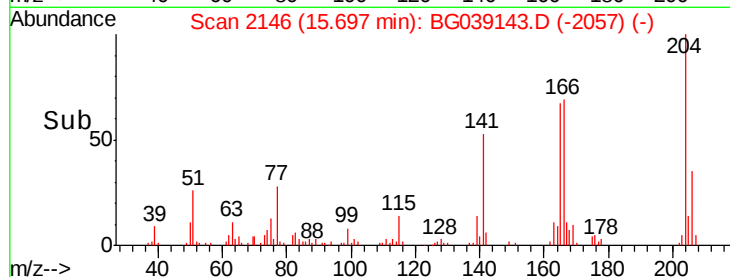
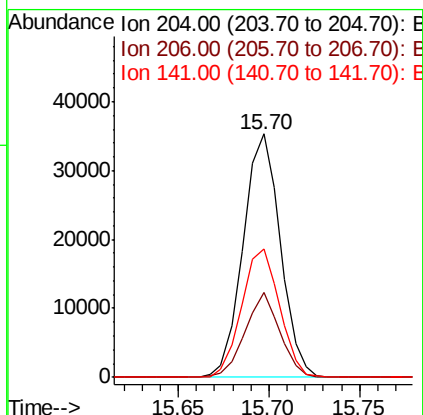
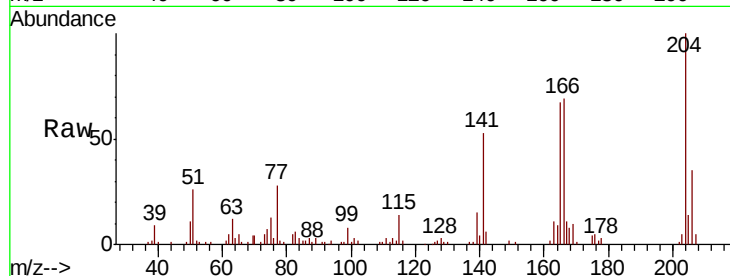




#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.743 ng  
 RT: 15.70 min Scan# 2146  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

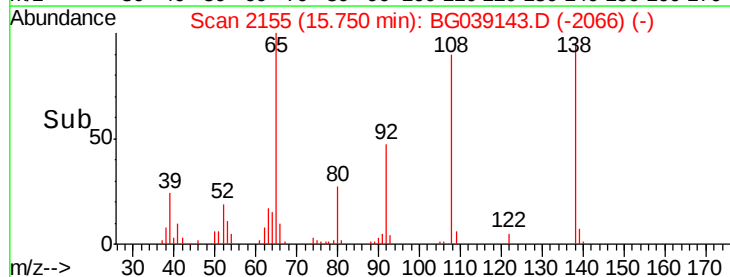
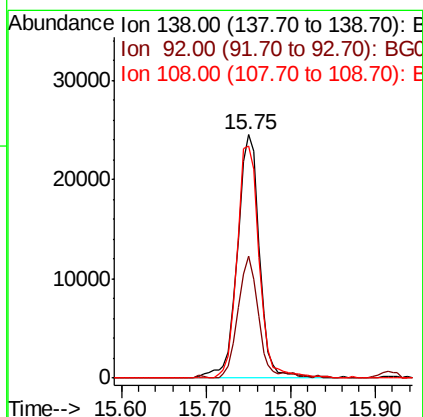
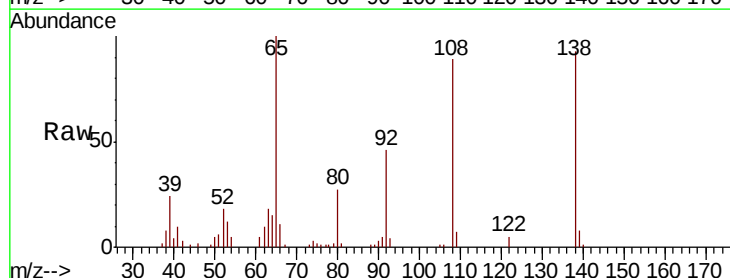
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

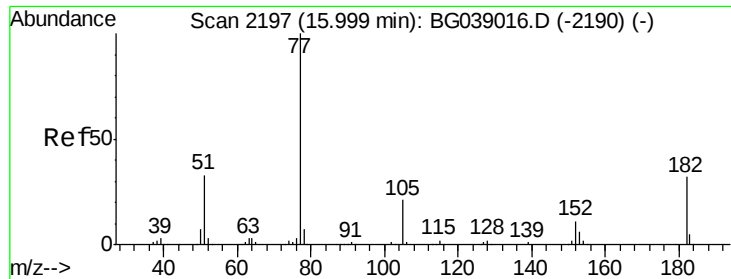
Tgt Ion: 204 Resp: 50381  
 Ion Ratio Lower Upper  
 204 100  
 206 34.6 26.6 39.8  
 141 52.9 41.4 62.0



#62  
 4-Nitroaniline  
 Concen: 88.554 ng  
 RT: 15.75 min Scan# 2155  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Tgt Ion: 138 Resp: 44000  
 Ion Ratio Lower Upper  
 138 100  
 92 49.9 29.7 69.7  
 108 95.4 75.7 115.7

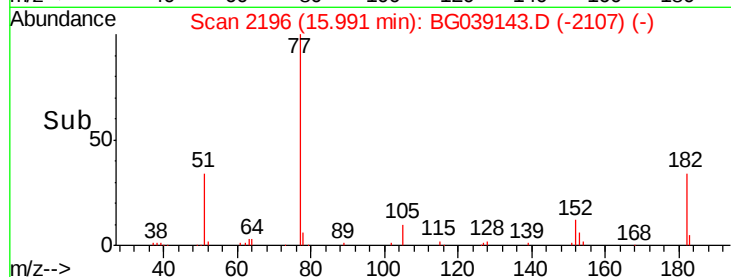
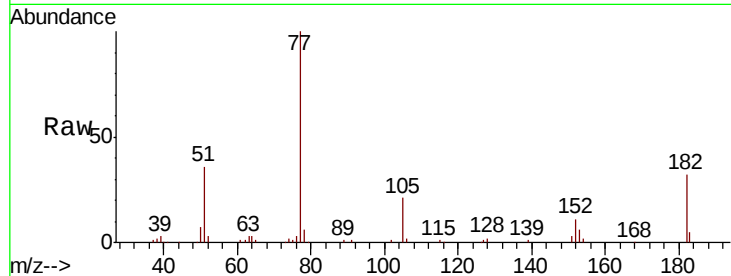




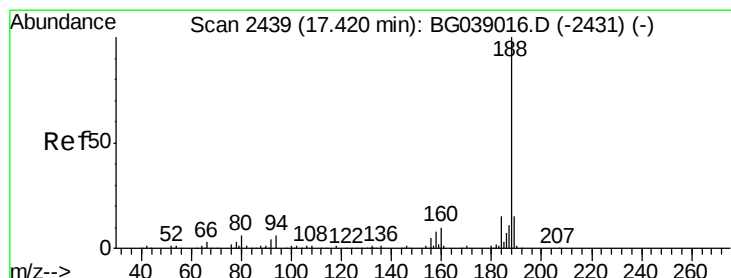
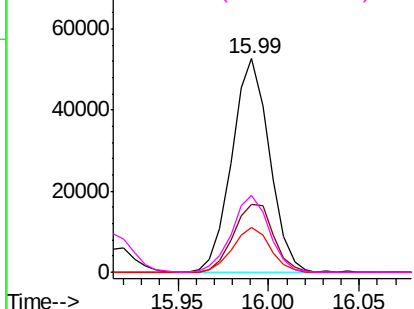
#63  
Azobenzene  
Concen: 44.952 ng  
RT: 15.99 min Scan# 2196  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion: 77 Resp: 76168  
Ion Ratio Lower Upper  
77 100  
182 31.9 12.2 52.2  
105 21.1 1.2 41.2  
51 35.8 13.4 53.4

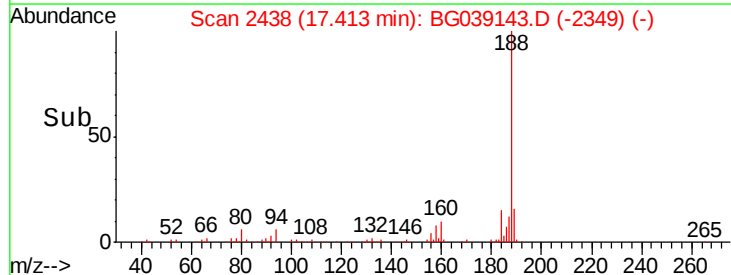
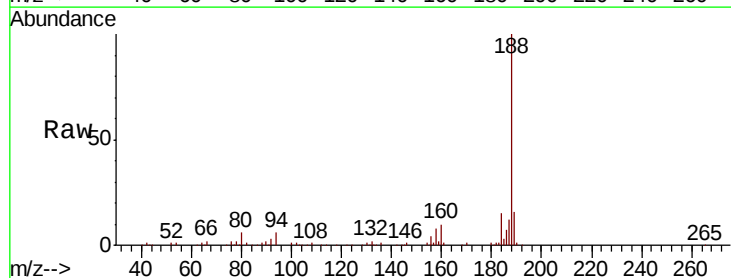


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

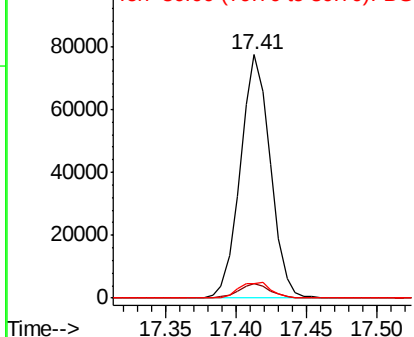


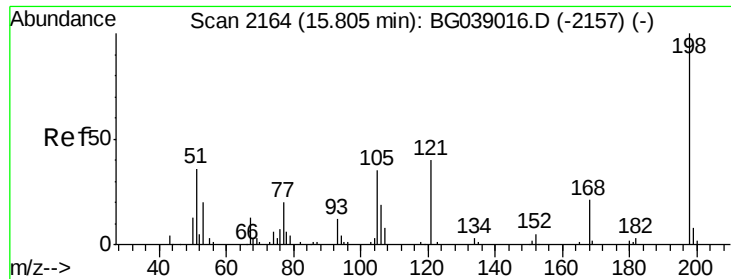
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2438  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Tgt Ion: 188 Resp: 114822  
Ion Ratio Lower Upper  
188 100  
94 5.8 5.0 7.4  
80 5.9 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 28.614 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

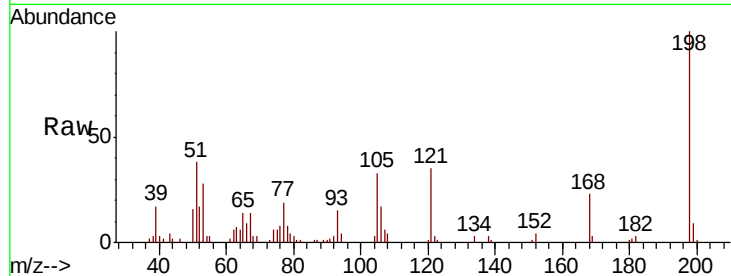
Tgt Ion:198 Resp: 24341

Ion Ratio Lower Upper

198 100

51 38.1 20.8 60.8

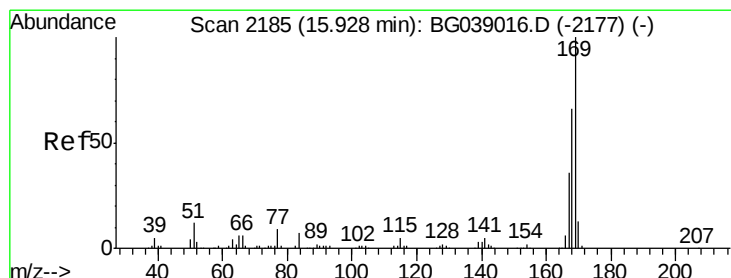
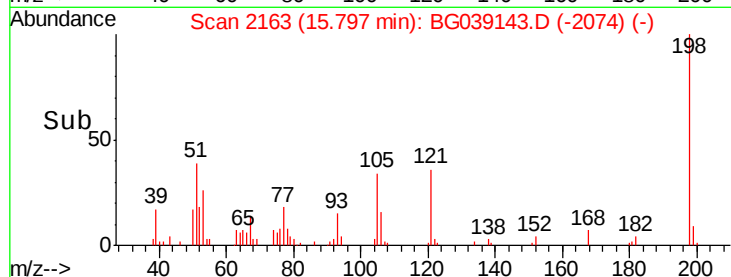
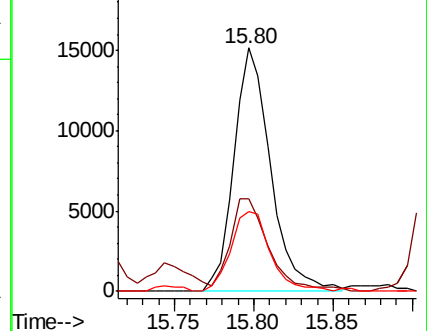
105 32.7 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.210 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

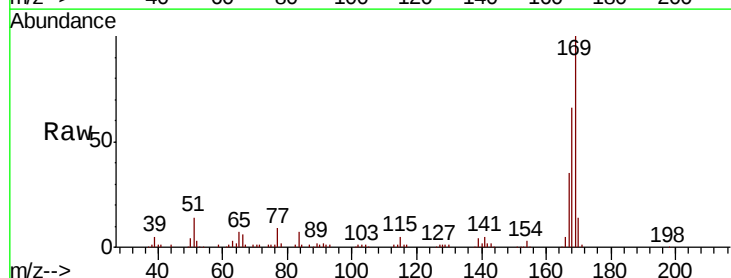
Tgt Ion:169 Resp: 99427

Ion Ratio Lower Upper

169 100

168 66.5 53.2 79.8

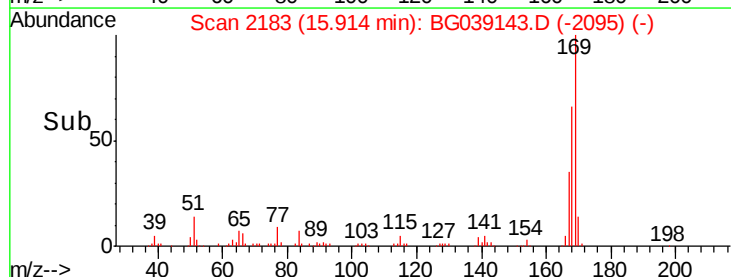
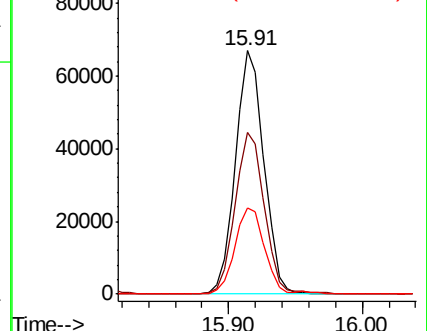
167 35.3 29.1 43.7

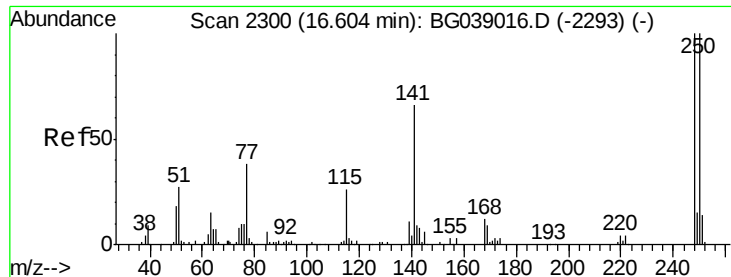


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

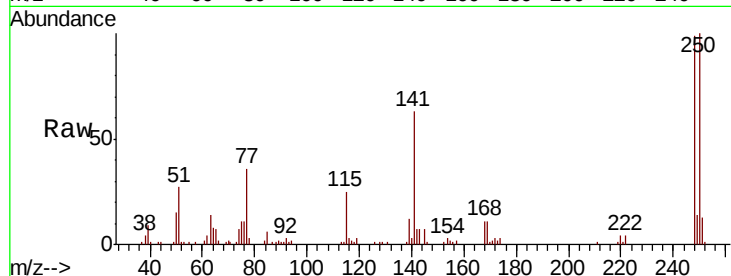




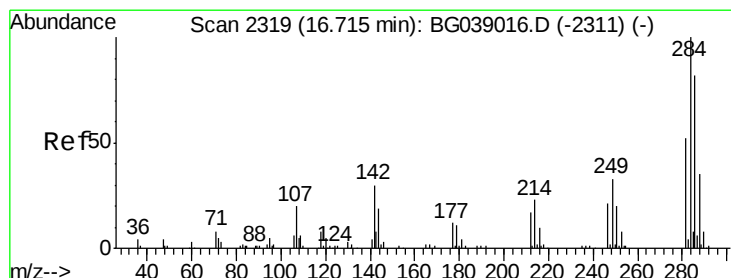
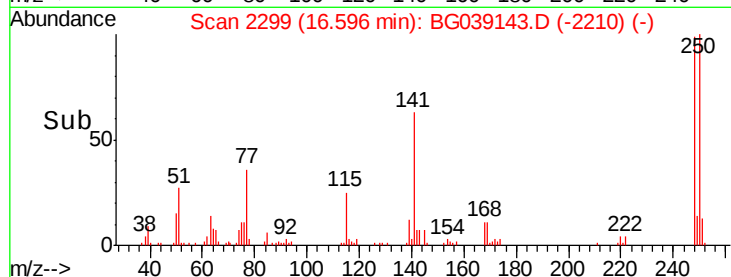
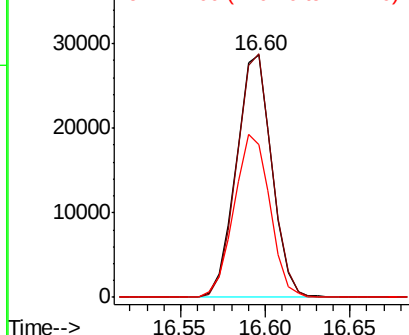
#67  
 4-Bromophenyl-phenylether  
 Concen: 28.445 ng  
 RT: 16.60 min Scan# 2299  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:248 Resp: 41985  
 Ion Ratio Lower Upper  
 248 100  
 250 100.5 79.9 119.9  
 141 62.9 52.7 79.1

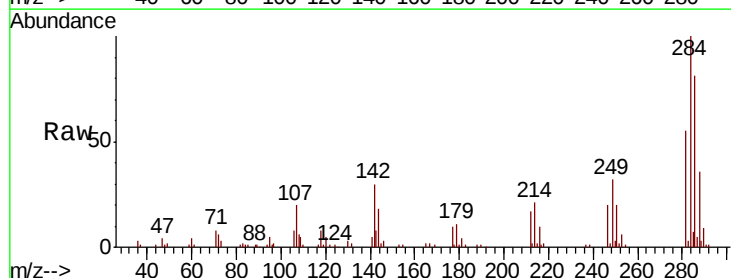


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

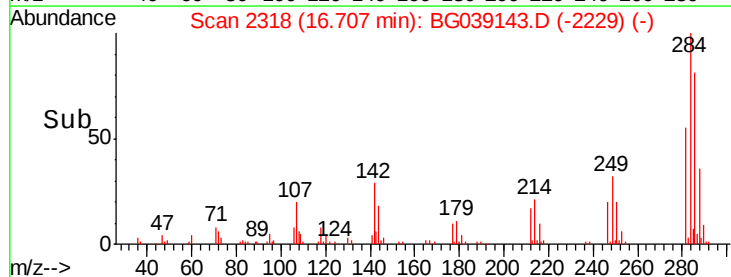
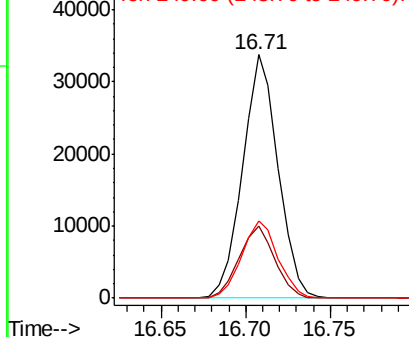


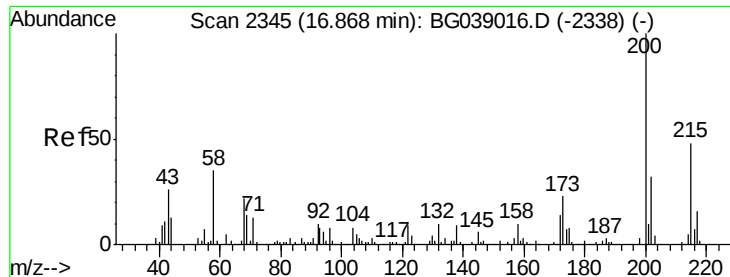
#68  
 Hexachlorobenzene  
 Concen: 30.484 ng  
 RT: 16.71 min Scan# 2318  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Tgt Ion:284 Resp: 49096  
 Ion Ratio Lower Upper  
 284 100  
 142 29.9 24.3 36.5  
 249 31.8 27.8 41.8



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: 43.612 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

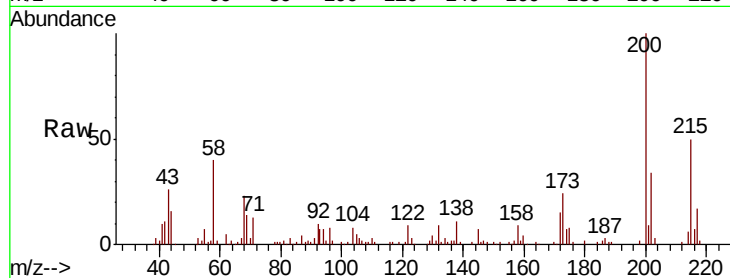
Tgt Ion:200 Resp: 63064

Ion Ratio Lower Upper

200 100

173 24.0 2.6 42.6

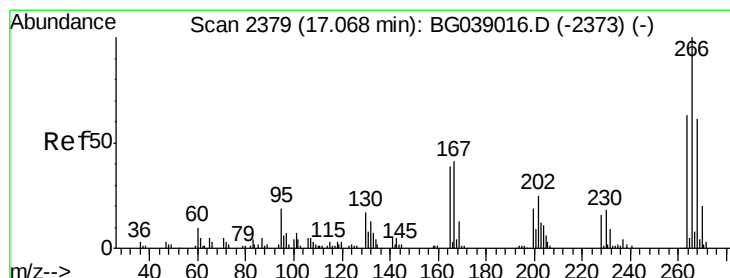
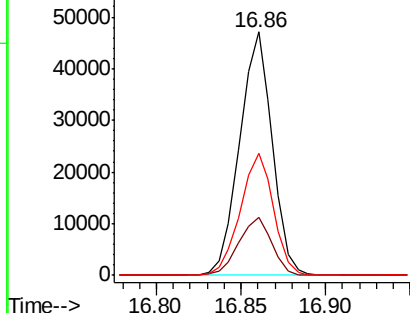
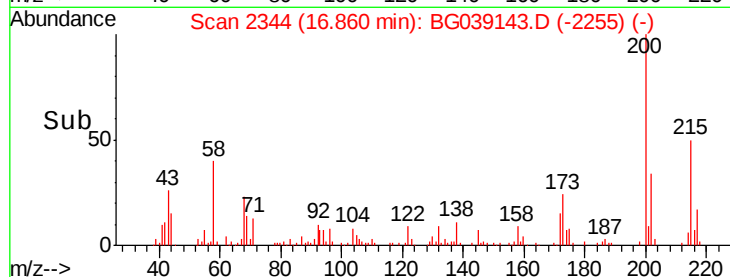
215 50.1 28.0 68.0



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: 63.860 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

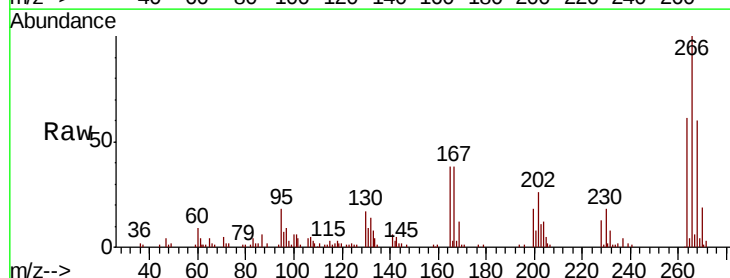
Tgt Ion:266 Resp: 62291

Ion Ratio Lower Upper

266 100

268 60.3 52.0 78.0

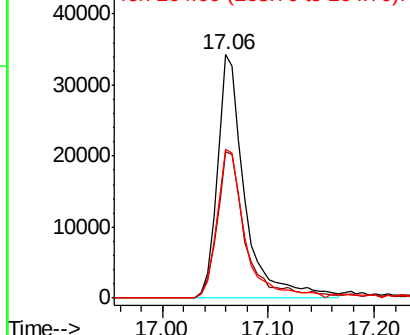
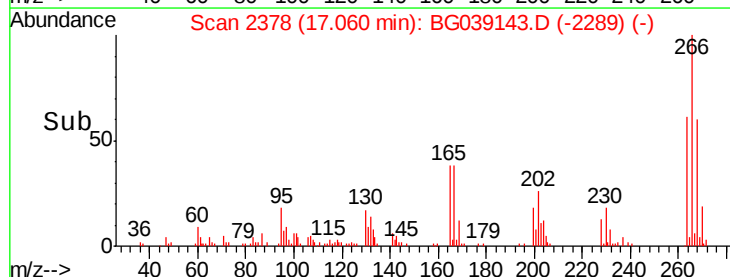
264 65.6 54.6 81.8

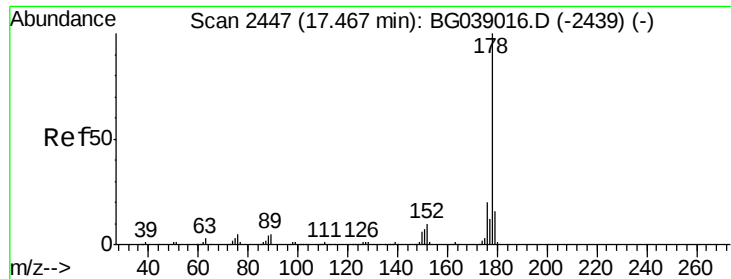


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

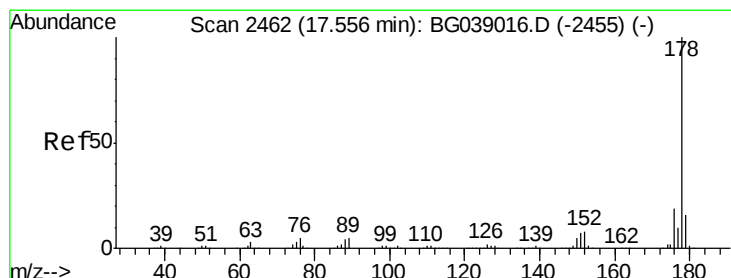
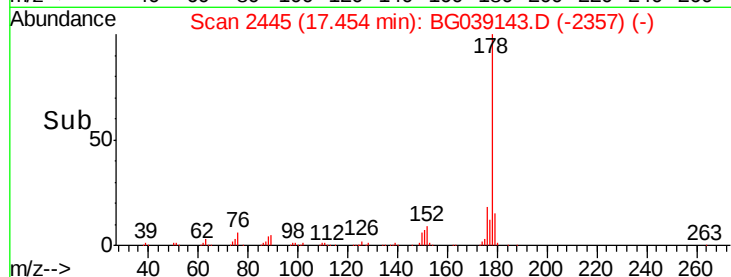
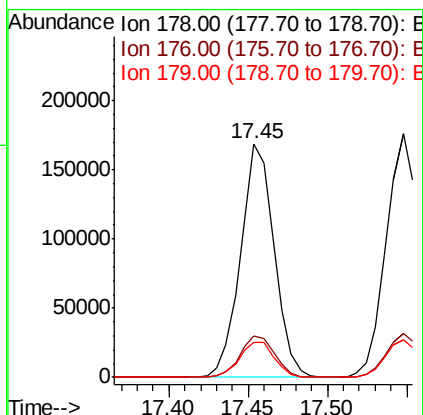
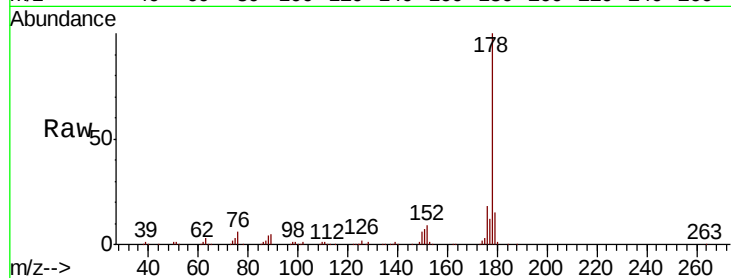




#71  
Phenanthrene  
Concen: 40.852 ng  
RT: 17.45 min Scan# 2445  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

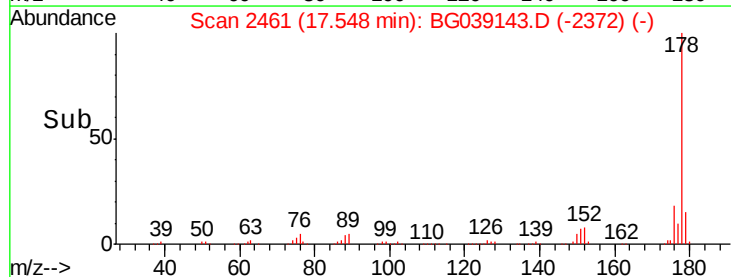
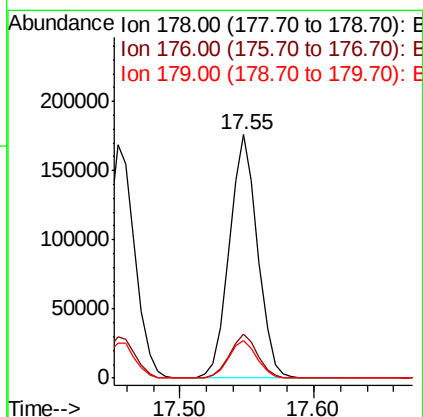
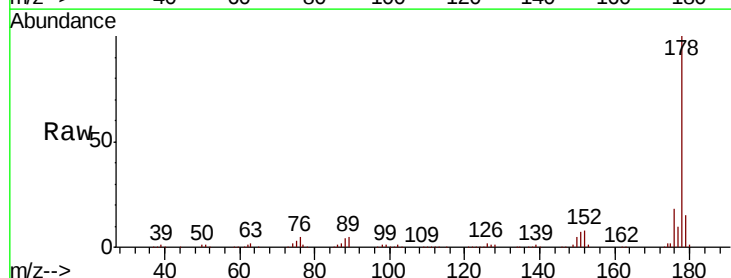
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

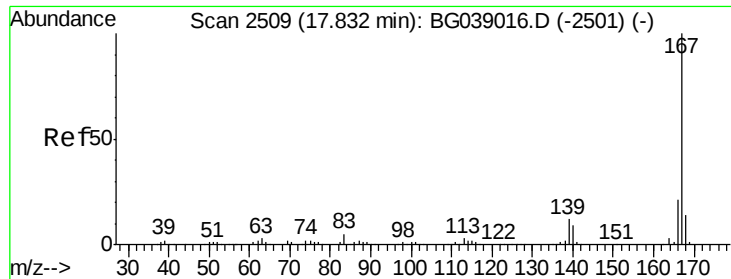
Tgt Ion:178 Resp: 247937  
Ion Ratio Lower Upper  
178 100  
176 17.9 15.7 23.5  
179 14.9 12.9 19.3



#72  
Anthracene  
Concen: 43.010 ng  
RT: 17.55 min Scan# 2461  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Tgt Ion:178 Resp: 258091  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.9 22.3  
179 15.5 13.0 19.4

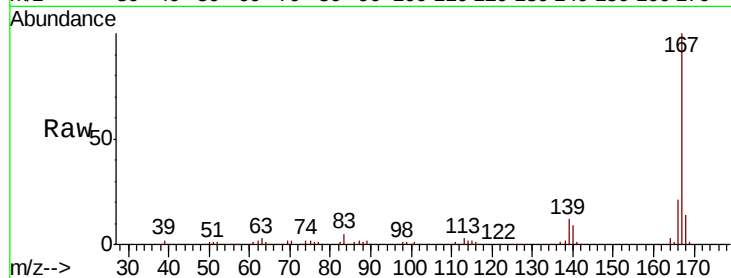




#73  
 Carbazole  
 Concen: 49.279 ng  
 RT: 17.82 min Scan# 2508  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.9  | 16.9  | 25.3  |
| 139     | 11.9  | 10.0  | 15.0  |

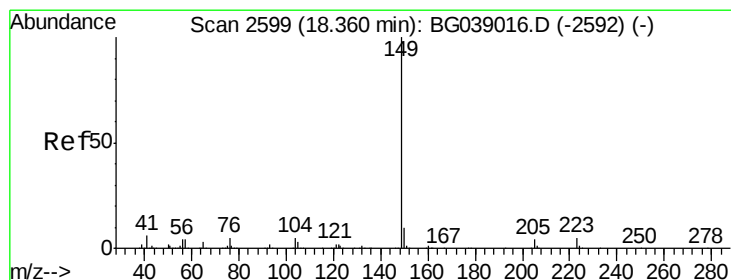
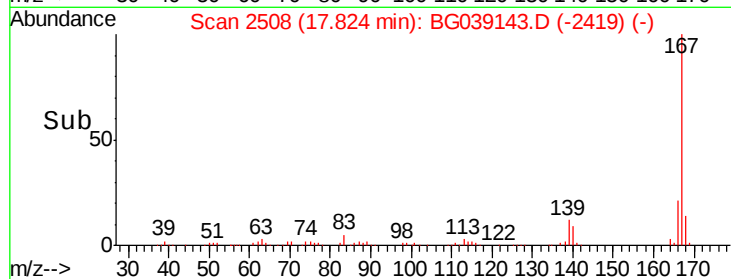
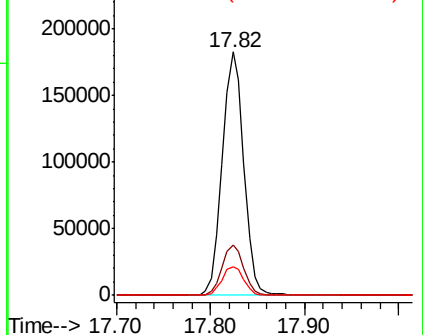


Abundance

Ion 167.00 (166.70 to 167.70): E

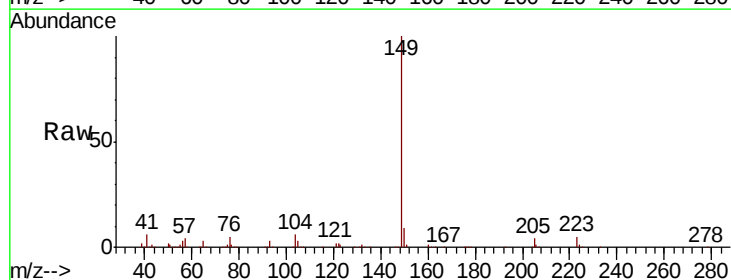
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74  
 Di-n-butylphthalate  
 Concen: 43.061 ng  
 RT: 18.35 min Scan# 2598  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 7.9   | 11.9  |
| 104     | 5.5   | 4.2   | 6.2   |

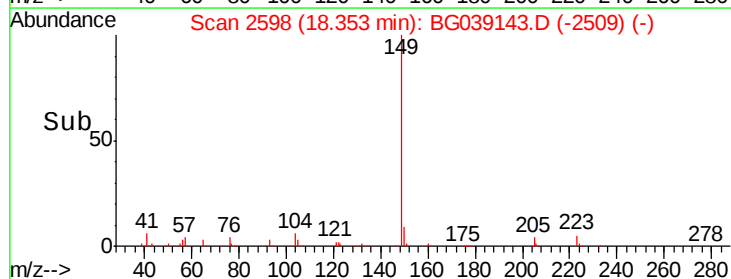
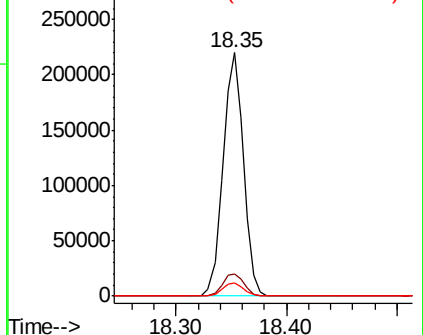


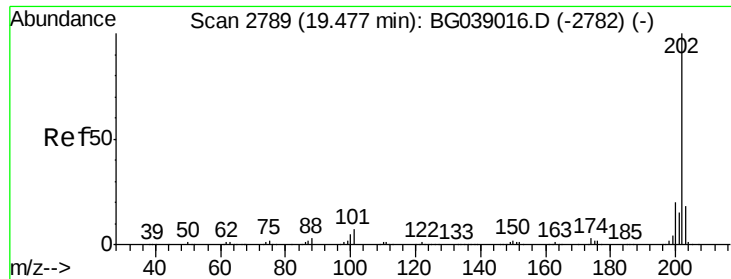
Abundance

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

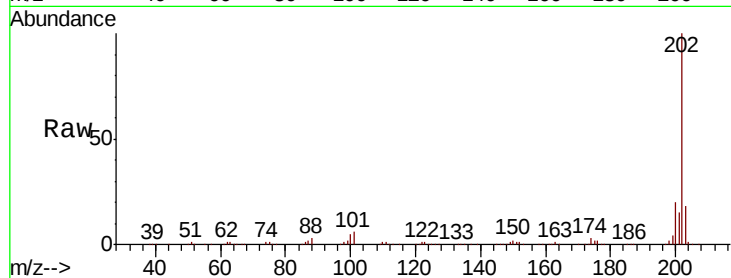




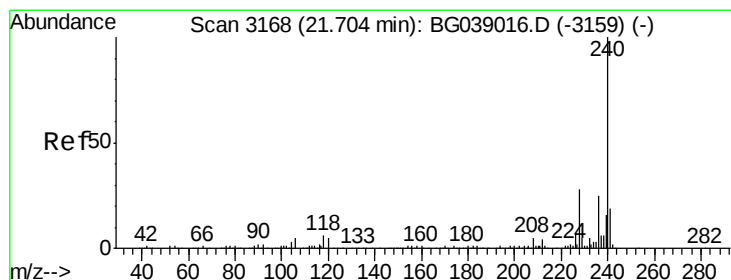
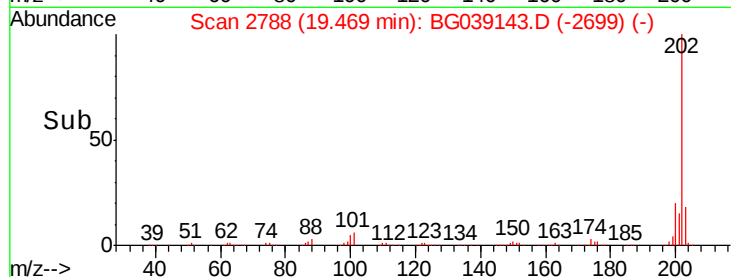
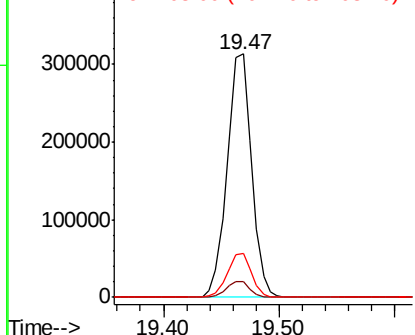
#75  
 Fluoranthene  
 Concen: 61.160 ng  
 RT: 19.47 min Scan# 2788  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-D9-E9-D9A-E9AMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 460156 |       |       |
| 101     | 6.3   |        | 0.0   | 26.9  |
| 203     | 17.8  |        | 0.0   | 38.1  |

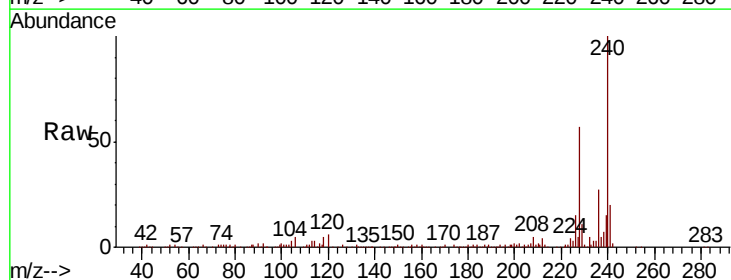


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

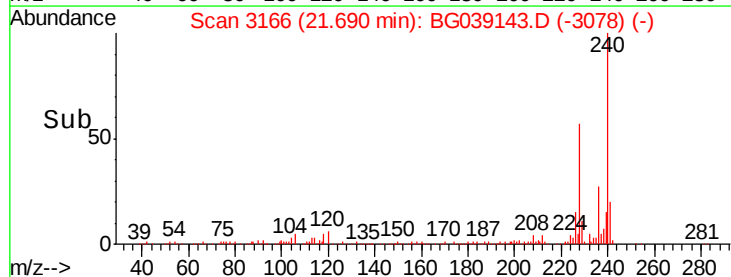
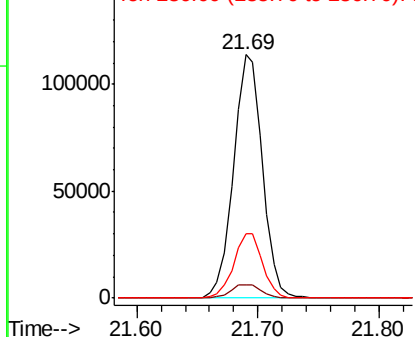


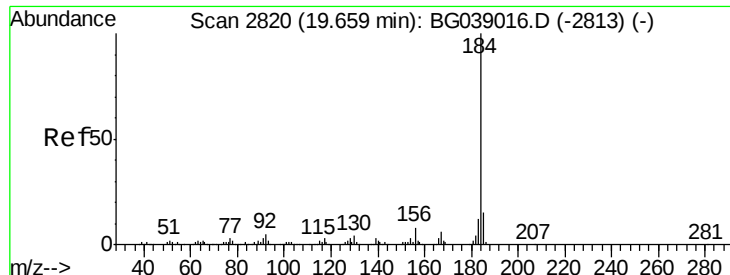
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.69 min Scan# 3166  
 Delta R.T. -0.01 min  
 Lab File: BG039143.D  
 Acq: 15 Jan 2019 22:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 189325 |       |       |
| 120     | 5.5   |        | 4.3   | 6.5   |
| 236     | 26.6  |        | 20.1  | 30.1  |



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: 19.952 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

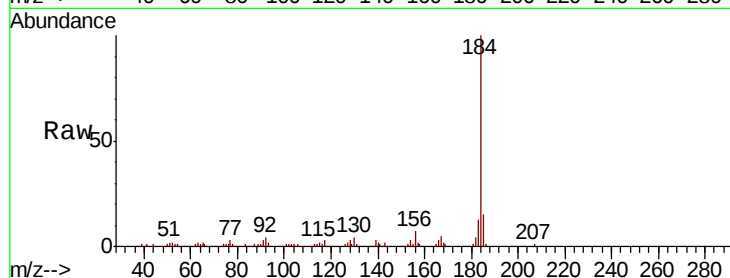
Tgt Ion:184 Resp: 115537

Ion Ratio Lower Upper

184 100

185 14.5 12.1 18.1

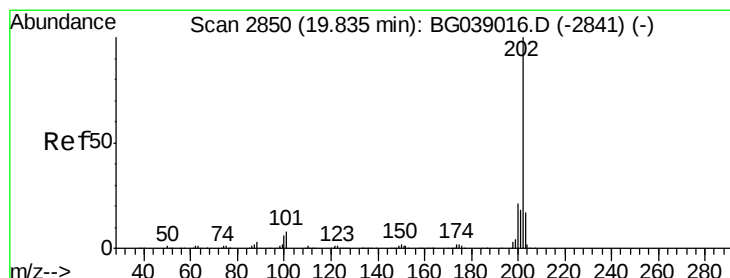
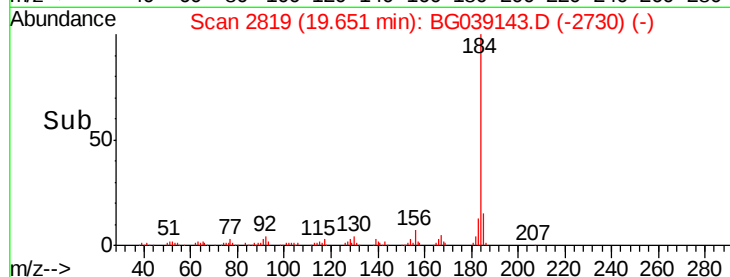
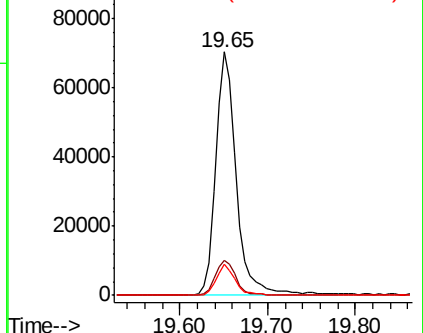
183 12.8 9.5 14.3



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: 38.704 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

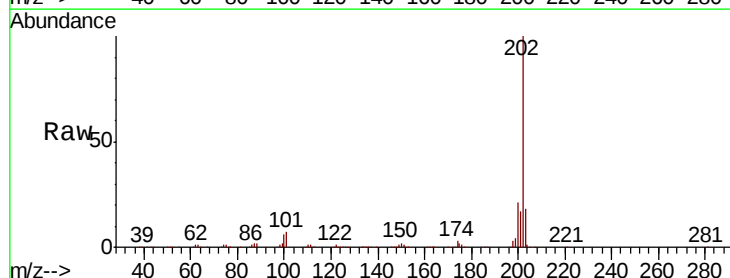
Tgt Ion:202 Resp: 466981

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

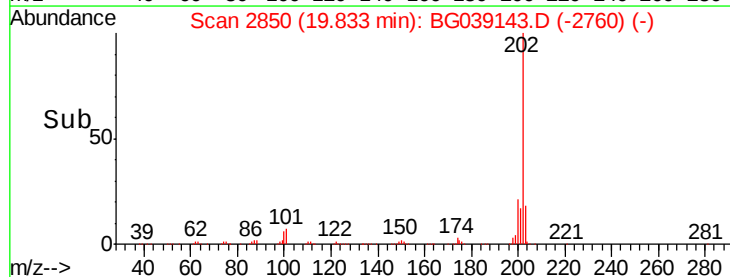
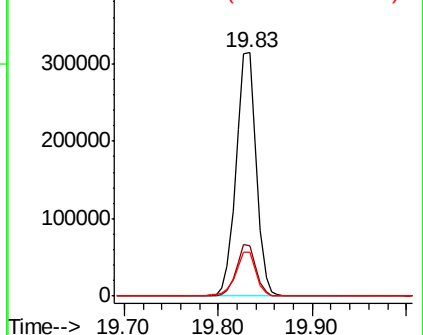
203 18.1 14.0 21.0

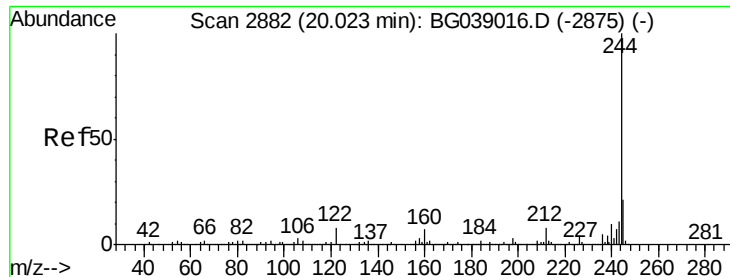


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.532 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

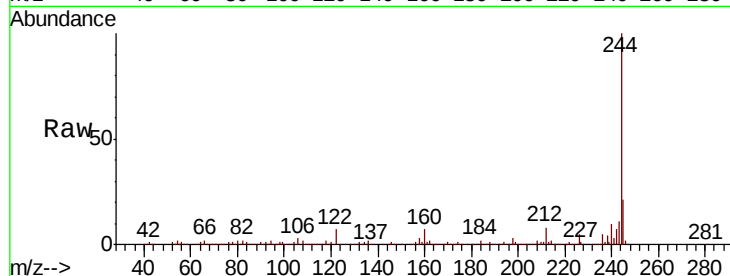
Tgt Ion:244 Resp: 793488

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

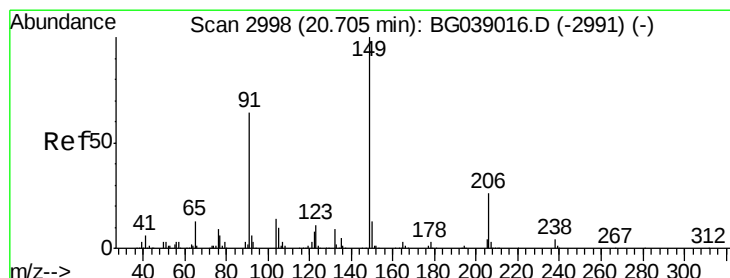
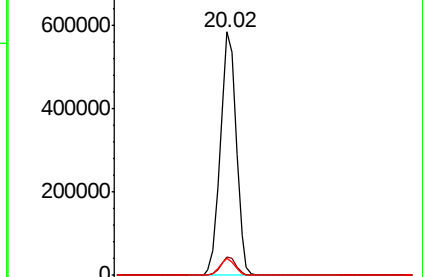
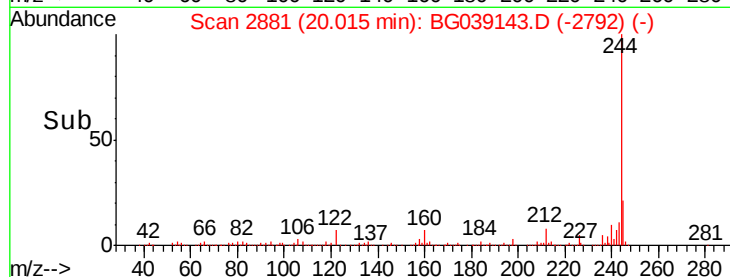
122 6.9 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.667 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

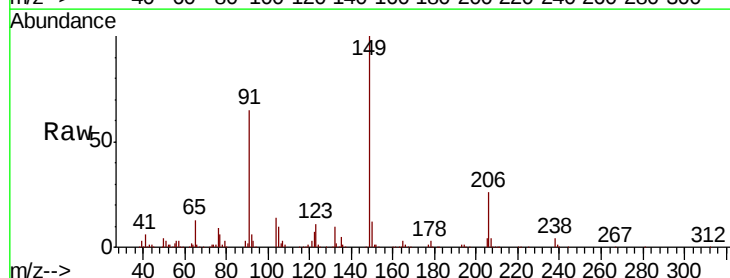
Tgt Ion:149 Resp: 195794

Ion Ratio Lower Upper

149 100

91 64.9 51.4 77.0

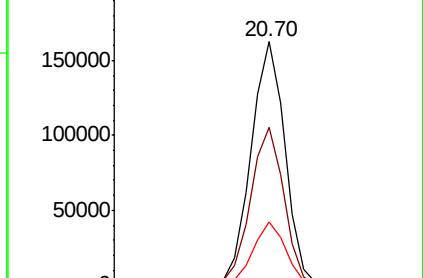
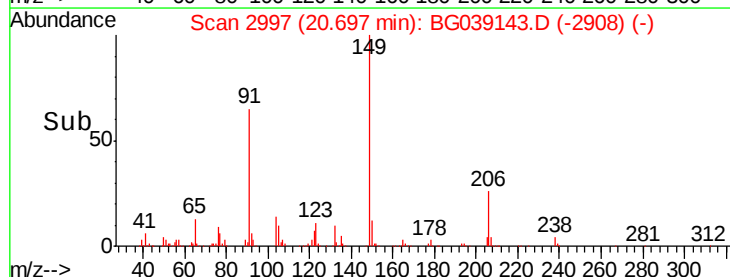
206 25.8 20.4 30.6

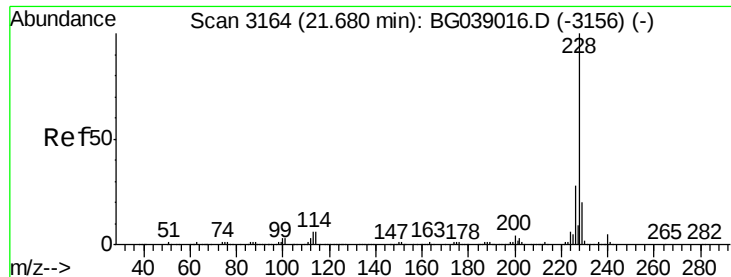


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

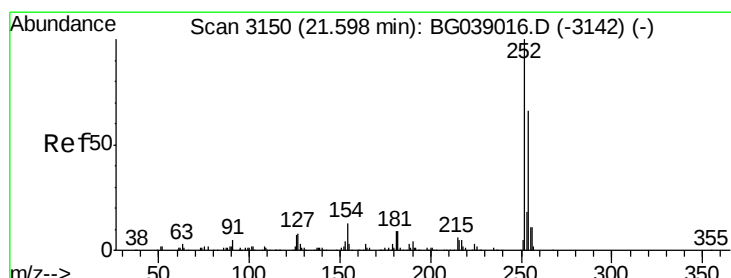
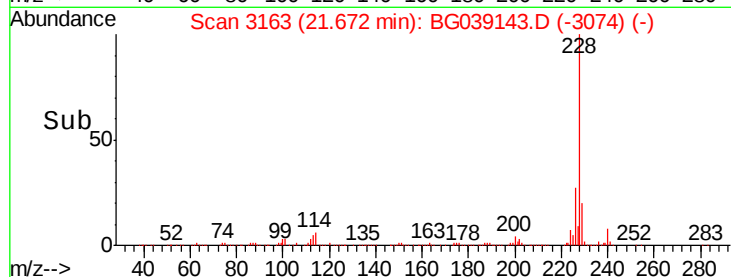
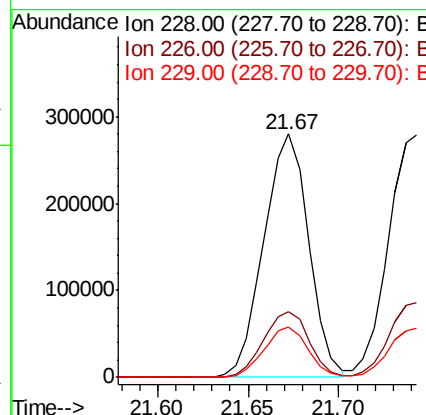
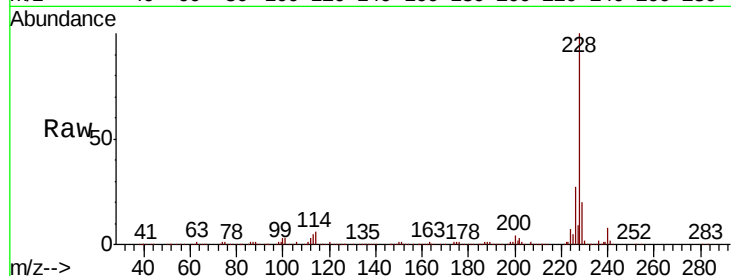




#81  
Benzo(a)anthracene  
Concen: 41.778 ng  
RT: 21.67 min Scan# 3163  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

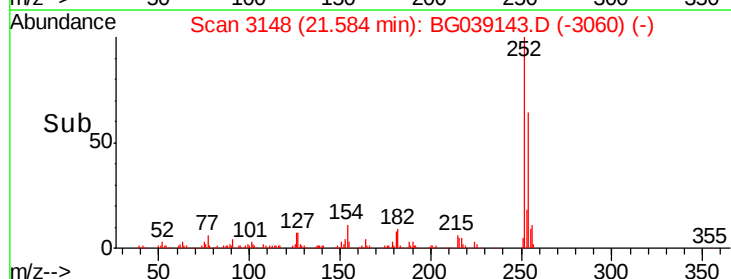
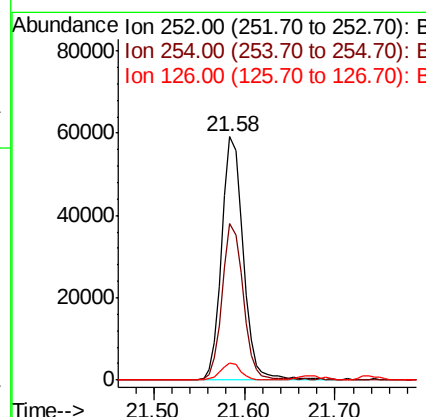
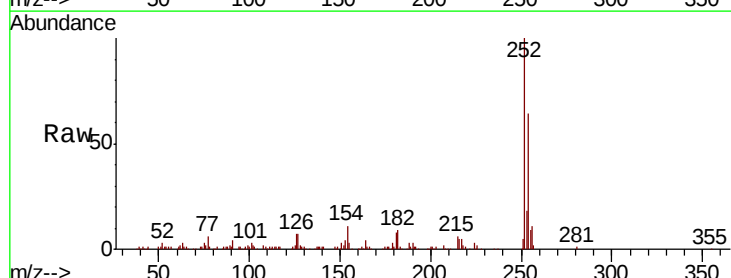
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

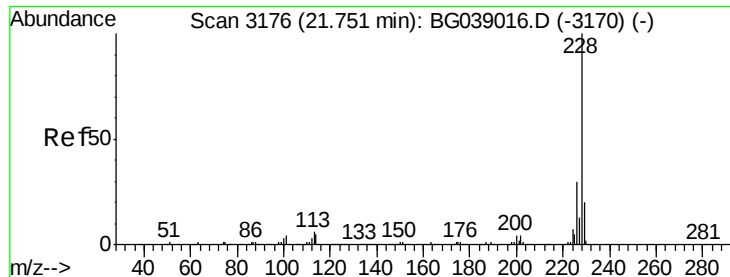
Tgt Ion:228 Resp: 481499  
Ion Ratio Lower Upper  
228 100  
226 27.0 22.4 33.6  
229 20.4 16.2 24.2



#82  
3,3'-Dichlorobenzidine  
Concen: 20.799 ng  
RT: 21.58 min Scan# 3148  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Tgt Ion:252 Resp: 97670  
Ion Ratio Lower Upper  
252 100  
254 64.1 53.0 79.6  
126 7.0 6.0 9.0





#83

Chrysene

Concen: 41.708 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

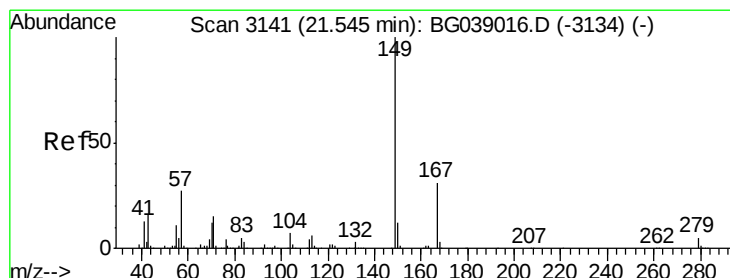
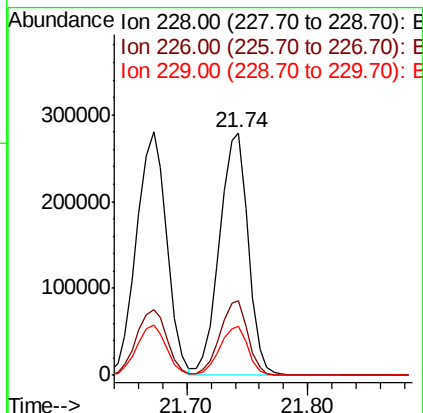
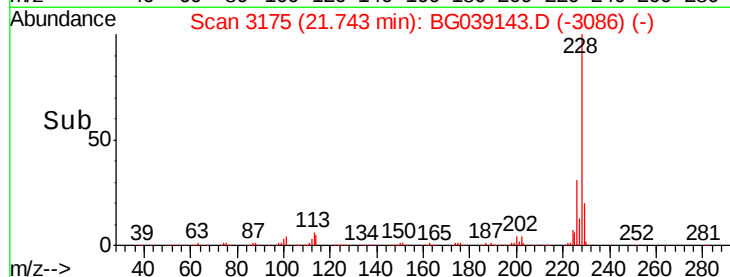
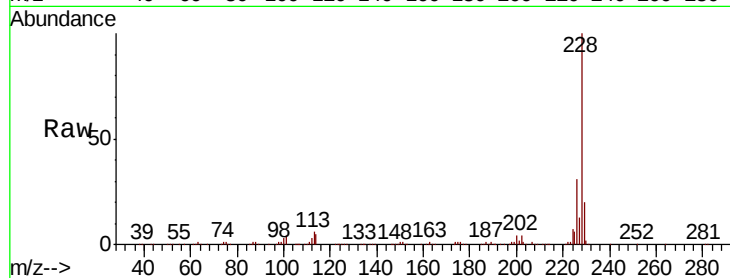
Tgt Ion:228 Resp: 457182

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.666 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

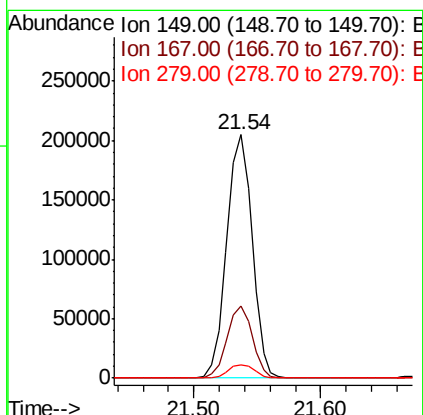
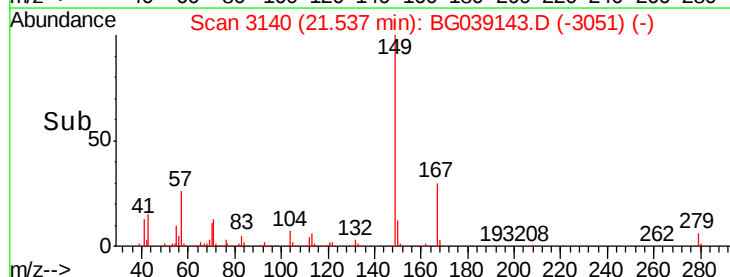
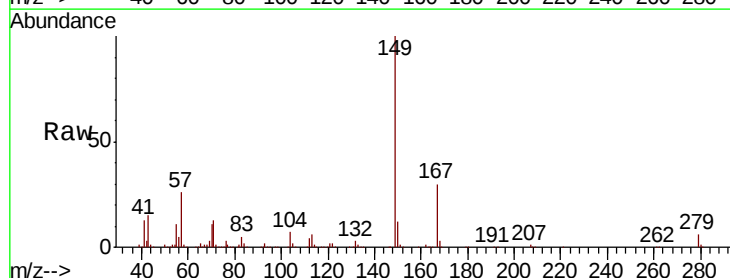
Tgt Ion:149 Resp: 284600

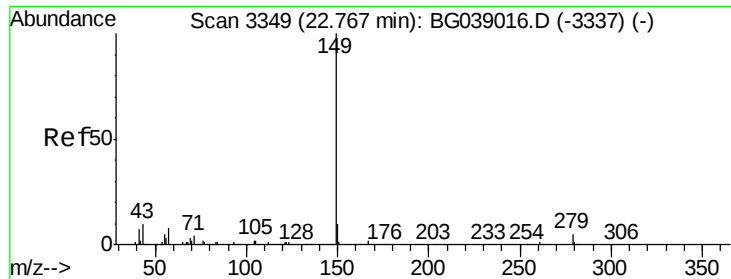
Ion Ratio Lower Upper

149 100

167 29.5 25.0 37.4

279 5.6 4.3 6.5

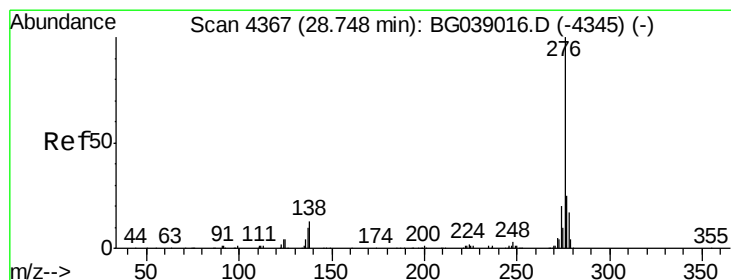
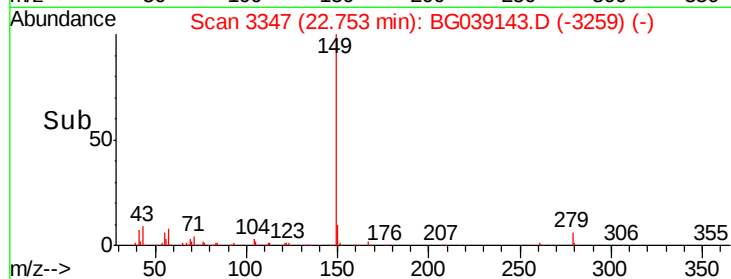
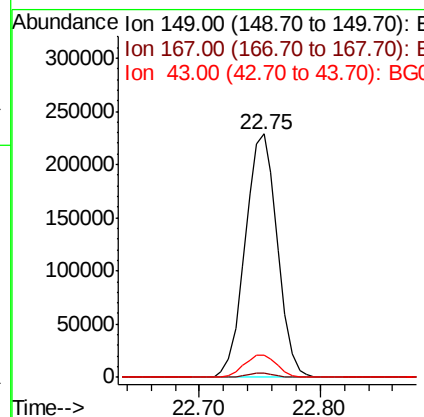
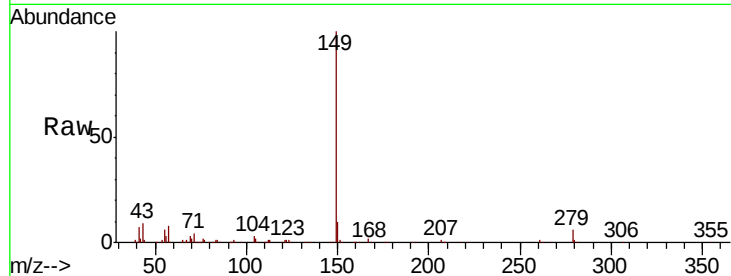




#85  
Di-n-octyl phthalate  
Concen: 39.309 ng  
RT: 22.75 min Scan# 3347  
Delta R.T. -0.01 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

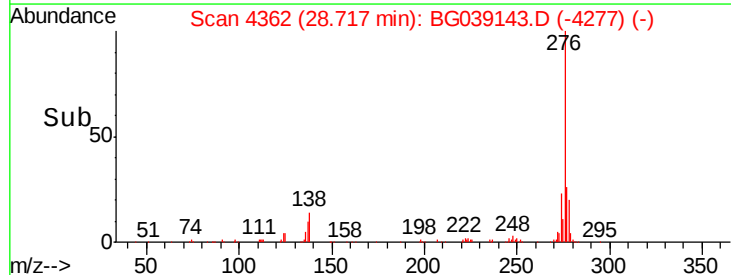
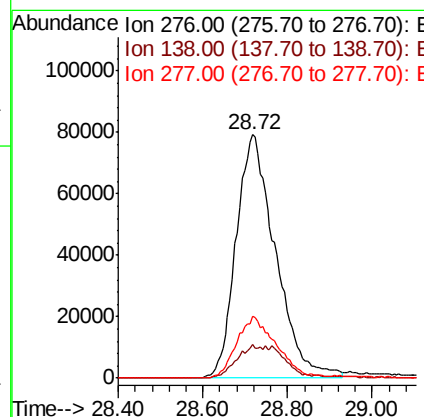
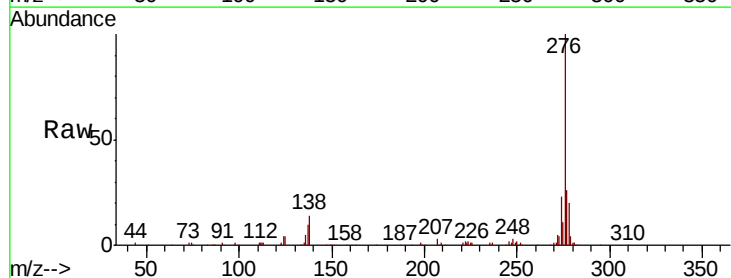
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

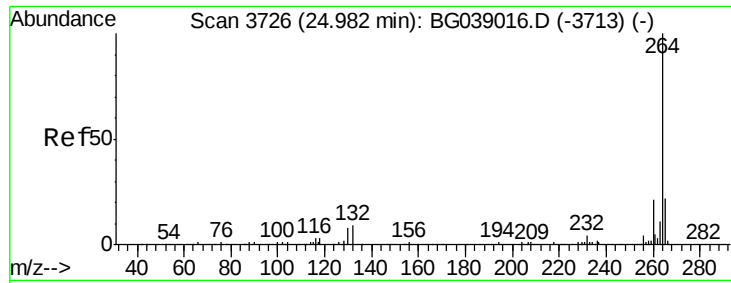
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 9.6   | 7.5   | 11.3  |



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 38.938 ng  
RT: 28.72 min Scan# 4362  
Delta R.T. -0.03 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 7.1   | 8.0   | 12.0# |
| 277     | 25.2  | 20.3  | 30.5  |



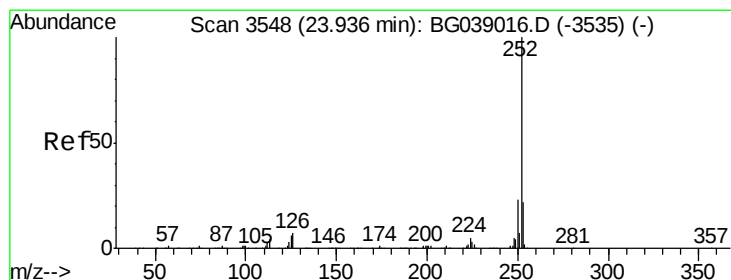
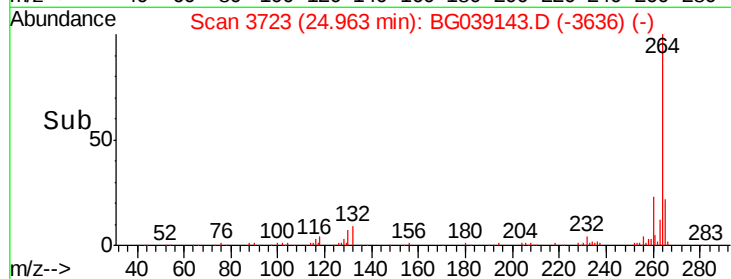
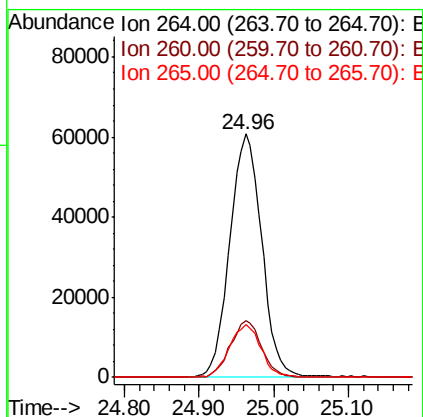
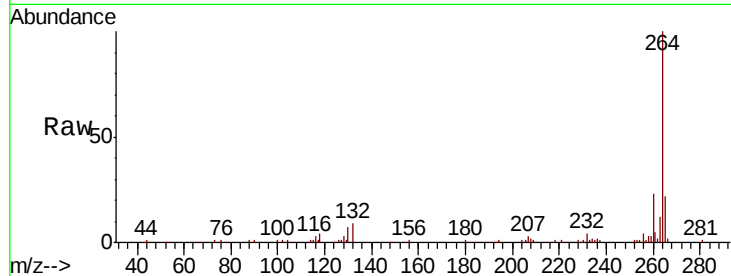


#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.96 min Scan# 3723  
Delta R.T. -0.02 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion: 264 Resp: 180903  

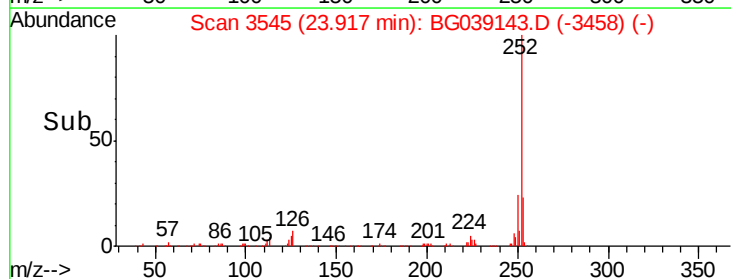
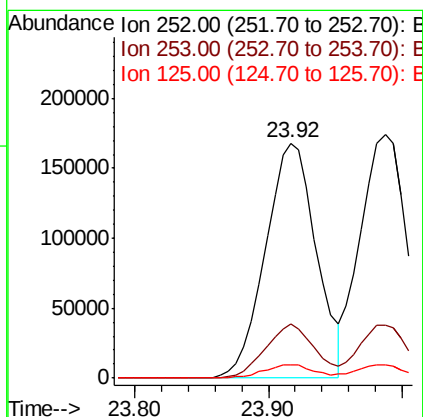
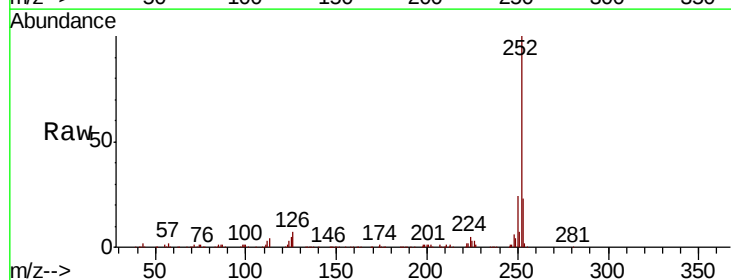
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.1  | 17.0  | 25.6  |
| 265 | 21.7  | 17.2  | 25.8  |

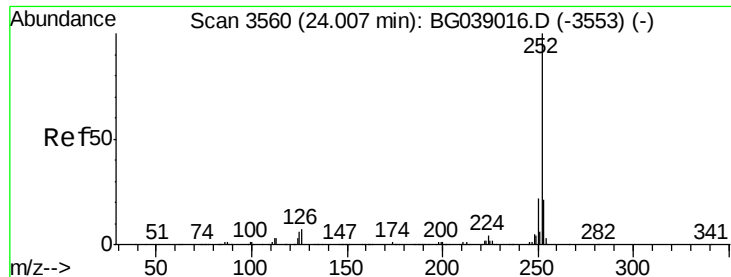


#88  
Benzo(b)fluoranthene  
Concen: 44.431 ng  
RT: 23.92 min Scan# 3545  
Delta R.T. -0.02 min  
Lab File: BG039143.D  
Acq: 15 Jan 2019 22:28

Tgt Ion: 252 Resp: 443196  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.9  | 17.8  | 26.6  |
| 125 | 5.4   | 4.9   | 7.3   |





#89

Benzo(k)fluoranthene

Concen: 42.729 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

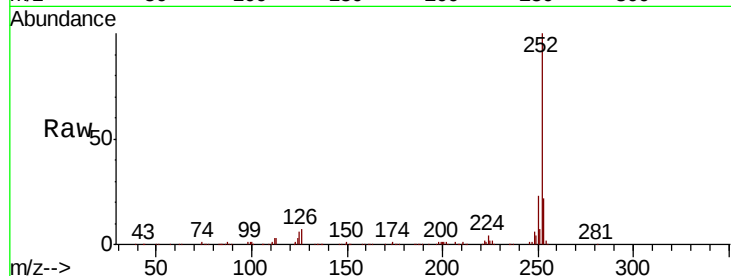
Tgt Ion:252 Resp: 421410

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

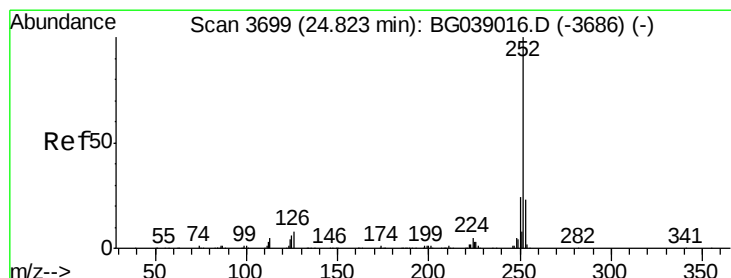
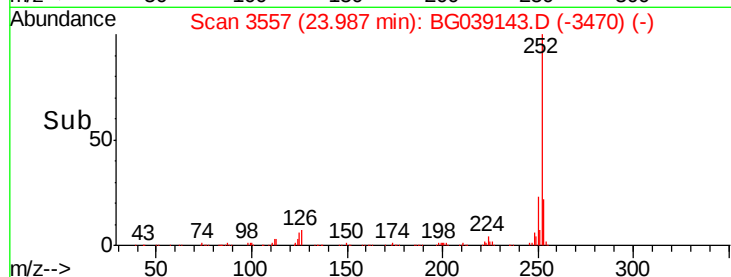
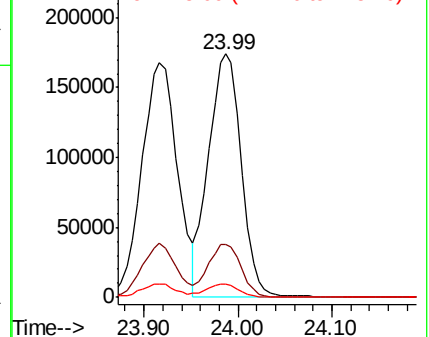
125 5.7 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.122 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

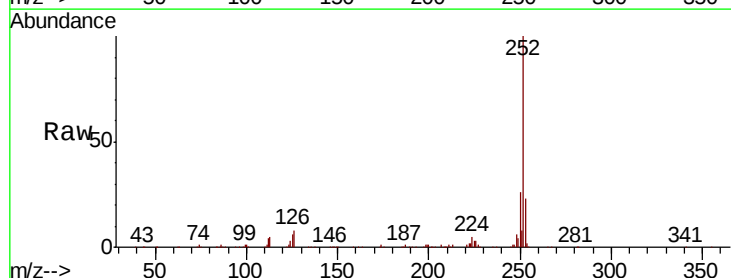
Tgt Ion:252 Resp: 415764

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

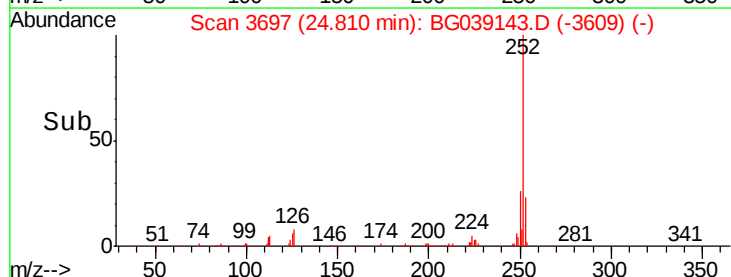
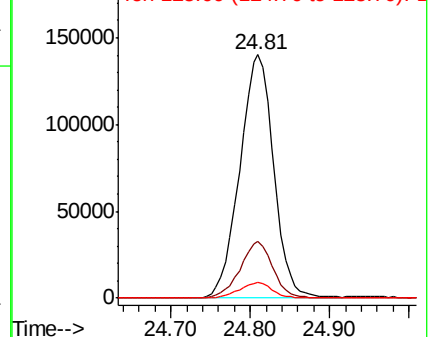
125 6.5 4.9 7.3

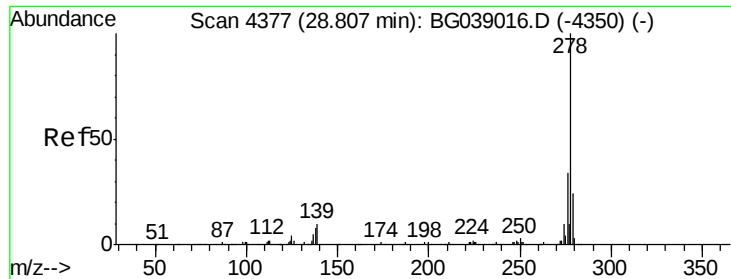


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.607 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.03 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

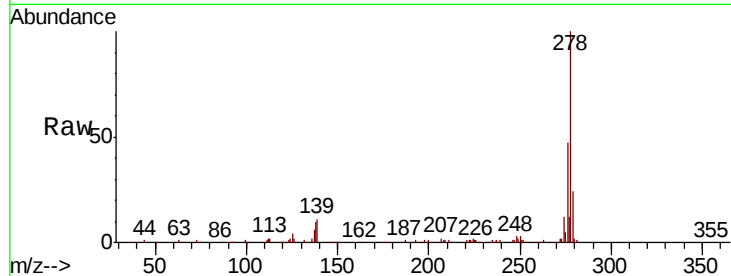
Tgt Ion:278 Resp: 418202

Ion Ratio Lower Upper

278 100

139 10.6 7.9 11.9

279 24.0 19.3 28.9

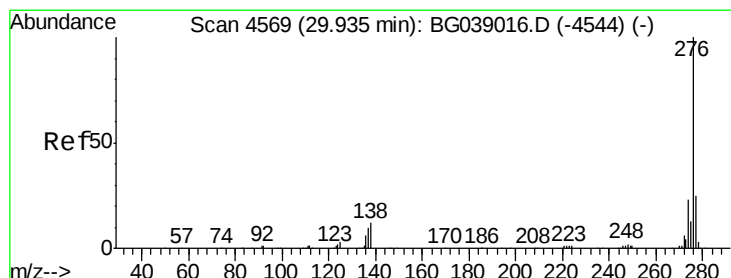
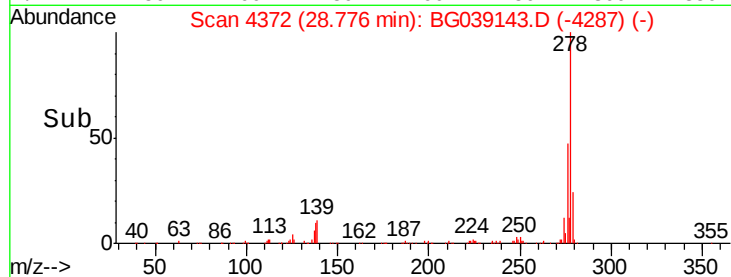
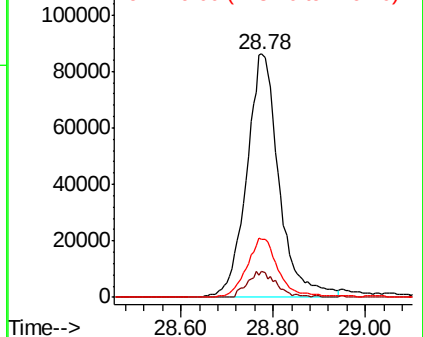


Abundance

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: 42.579 ng

RT: 29.89 min Scan# 4562

Delta R.T. -0.04 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

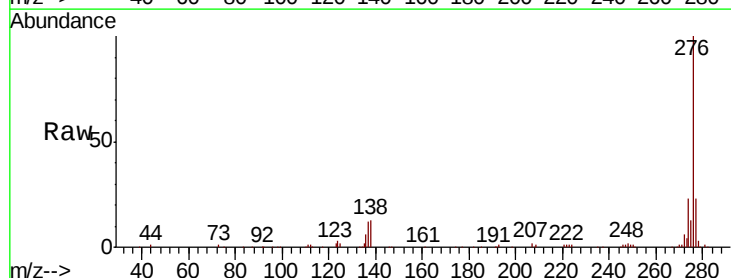
Tgt Ion:276 Resp: 404257

Ion Ratio Lower Upper

276 100

277 23.1 20.3 30.5

138 12.9 9.4 14.2



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

